Deep-Sky-Liste 2012

Die Sichtbarkeit der Deep-Sky-Objekte

9. und letzte Auflage

FACHGRUPPE DEEP-SKY

Vereinigung der Sternfreunde e.V.

www.fachgruppe-deepsky.de
www.vds-astro.de

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Beobachtungseinsendungen:
Mit Erscheinen dieser 9. Auflage werden keine weiteren Beobachtungen mehr von der Redaktion entgegen genommen. Nähere Informationen hierzu im Vorwort.

Titelbild:
Galaxie Messier 106 und Umgebung, aufgenommen an der Sternwarte Hagen

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Vorwort zur 9. Auflage

Seit der letzten, 8. Ausgabe der Deep-Sky-Liste sind fast sechs Jahre vergangen. Sie erschien im Mai 2006 und steht seither unter **www.deepskyliste.de** als PDF-Datei zum Download bereit. In der Zwischenzeit sind viele neue Beobachtungen eingeschickt worden, worüber ich mich sehr gefreut habe. Leider musste ich immer wieder vertrösten, was den Erscheinungstermin der neuen Auflage anging. Manch einer hat sicher schon angenommen, die DSL sei in der Versenkung verschwunden. Allen Unkenrufen zum Trotz ist es nun aber endlich soweit: Die 9. Auflage liegt vor.

Neu hinzugekommen sind über 2.500 Beobachtungen. Knapp 200 Objektdaten, für die es keine Beobachtungen gab, wurden entfernt. Weitere interessante Infos zum aktuellen Datenstand sind in der Statistik auf Seite 24 nachzulesen. Dort befindet sich auch die Rangliste der Beobachter, die von **Klaus Wenzel** mit großem Vorsprung angeführt wird.

Wie bereits der Titelseite zu entnehmen ist, handelt es sich hier um die **9. und letzte Ausgabe** der Deep-Sky-Liste. In unserer modernen Zeit mit internetgestützten, interaktiven Online-Datenbanken ist die Sammlung von Deep-Sky-Beobachtungen und die zentrale Erfassung durch die Redaktion in der bisherigen Form einfach nicht mehr zeitgemäß und auch nicht mehr praktikabel.

In diesem Zusammenhang habe ich mit meinen Kollegen von der Fachgruppe Deep-Sky beschlossen, die DSL in der jetzigen Form nicht weiterzuführen und den letzten Stand auf Dauer „einzufrieren“. **Es werden mit Erscheinen dieser 9. Auflage somit keine weiteren Beobachtungen mehr entgegen genommen, wofür wir um Verständnis bitten.** Ggf. notwendige Korrekturen, z.B. aufgrund von Tippfehlern oder fehlerhaften Objekt- oder Beobachtungsdaten, werden selbstverständlich vorgenommen und in einer korrigierten Auflage zu einem späteren Zeitpunkt veröffentlicht.

Die Informationen in der Deep-Sky-Liste sind natürlich absolut zeitlos. Die PDF-Datei wird unter www.deepskyliste.de auch in Zukunft zum Download bereit stehen.

Wie soll es denn nun weitergehen? Nahe liegend wäre die Entwicklung einer eigenen DSL-Datenbank im Internet, in welche alle vorhandenen Beobachtungen eingespielt werden könnten. Neue Beobachtungen müssten die Beobachter dann selbständig dort erfassen. Eine solche Eigenentwicklung sprengt jedoch den uns zur Verfügung stehenden zeitlichen und technologischen Rahmen bei weitem. Das können wir einfach nicht leisten.

Warum auch das Rad neu erfinden? Wir haben uns im Internet umgeschaut und sind recht schnell bei **www.deepskylog.org** fündig geworden. Unsere belgischen Deep-Sky-Kollegen betreiben diese mehrsprachige Beobachtungsplattform sehr erfolgreich schon seit mehreren Jahren.

Nach einer ersten Kontaktaufnahme und persönlichem Treffen hat sich das belgische Team schnell dazu bereit erklärt, seine Datenbank um unsere DSL-spezifischen Felder, wie. z.B. „Sichtbarkeit“ und „Charakter“ (bei offenen Sternhaufen), zu erweitern. Ich möchte mich an dieser Stelle ganz herzlich bei Wim de Meester, Jan Vanautgaerden und Tom Pfleger für Ihre Mithilfe in dieser Angelegenheit bedanken. Tom hat den belgischen Kollegen alle Informationen zukommen lassen, die für eine Erweiterung der Datenbank erforderlich waren.

Wir möchten Euch **www.deepskylog.org** wärmstens empfehlen. Schaut Euch die Datenbank einmal an und macht Euch vertraut damit. Nach einer Registrierung könnt Ihr dort Eure Beobachtungen erfassen und/oder die bereits gespeicherten Beobachtungen anderer Deep-Sky-Freunde abrufen und auswerten. Das Ganze ist natürlich kostenlos. Einziges Manko: Doppelsternbeobachtungen sind, zumindest derzeit, nicht vorgesehen.

Vielleicht sucht Ihr ja auch eine Möglichkeit, Eure Beobachtungen komfortabel und effizient auf dem eigenen PC zu verwalten. Dazu möchten wir Euch den hervorragenden Beobachtungsplaner **Eye&Telescope** von Tom Pfleger empfehlen. Nähere Informationen zu dieser Software sind unter **www.eyeandtelescope.com** zu finden. Neben 120.000 Deep-Sky Objekten und 10.000 Doppelsternen, sowie der einzigartigen Simulation des Okularanblicks im eigenen Teleskop und vielen

weiteren nützlichen Funktionen, bietet „E&T“ auch ein Beobachtungslogbuch. In diesem sind neuerdings auch alle Spezifika der Deep-Sky-Liste enthalten. Hierfür gilt Tom Pfleger mein ganz besonderer Dank. Auch gibt es eine Funktion zum Export der eigenen Beobachtungen zwecks Austausch mit anderen E&T-Anwendern oder für die Übergabe z.B. nach **www.deepskylog.org**.

Doch was ist mit den zahlreichen Beobachtungen, die Ihr der Deep-Sky-Liste zur Verfügung gestellt habt? Sie sind natürlich nicht verloren. Auf Wunsch exportiere ich Eure eigenen Beobachtungen aus der DSL-Datenbank und sende sie Euch als Datei zu. Ihr könnt diese dann z.B. in **www.deepskylog.org** oder in andere Datenbanken importieren.

Abschließend bitte ich ganz herzlich um Euer Verständnis für diese Vorgehensweise und bedanke mich für die langjährige Treue und die Einsendung Eurer Beobachtungen. Ohne diese wäre die DSL nicht das, was sie ist: Ein einzigartiges Nachschlagewerk für den aktiven Deep-Sky-Beobachter.

Clear skies und alles Gute wünscht

Dirk Panczyk

Vorwort zur 8. Auflage

Drei Jahre sind nun vergangen, seit die Deep-Sky-Liste in ihrer siebten Auflage zum ersten Mal in digitaler Form veröffentlicht wurde. Die Umstellung weg vom klassischen Druckverfahren hin zum PDF-Format war erfreulicherweise ein voller Erfolg: Dies beweisen unzählige Downloads und die weiterhin steigende Anzahl an Mitbeobachtern – mittlerweile über 50! Dies schlägt sich auch in der Zahl der Beobachtungen nieder: Über 2500 Sichtungen mehr sind in der achten Auflage der DSL zu finden. Damit liegen nun über 15200 Beobachtungen von rund 5000 Deep-Sky-Objekten vor. Eine genaue Aufschlüsselung der Zahlen ist auf Seite 24 nachzulesen.

Auf der Homepage der DSL (www.deepskyliste.de) kann im Download-Bereich ab sofort auch eine Excel-Datei heruntergeladen werden, in die man komfortabel auch größere Beobachtungsmengen erfassen und per E-Mail an die Redaktion senden kann (Dateiname: dsl_beobachtungen.xls). Damit die Beschreibungen fehlerfrei und effektiv in die Liste aufgenommen werden können, bitten wir darum vor dem Ausfüllen der Beobachtungsblätter die Erläuterungen auf den Seiten 14–17 genau zu beachten. Sofern eine eindeutige Zuordnung möglich ist, sind dabei gängige Bezeichnungen, wie z.B. Messier- anstelle von NGC-Bezeichnung, erwünscht.

Weiterhin sind Beobachtungen von Objekten zu denen nur wenige oder gar keine Beschreibungen vorliegen nach wie vor besonders gerne gesehen und nicht zuletzt gilt dies natürlich auch für Objekte, die bisher nicht aufgelistet sind!

Und selbstverständlich sind wieder alle Mitbeobachter aufgerufen, ihre aufgelisteten Beobachterdaten zu überprüfen und gegebenenfalls zu ergänzen.

Ein herzlicher Dank geht an Dirk Cornelissen für das Aufspüren von Tipp- und sonstigen Fehler in den Objektdaten der 7. Auflage, sowie an alle Beobachter für ihre Mitarbeit.

Clear Skies

Dirk Panczyk, Dieter Putz, Jürgen Lamprecht

Vorwort zur 7. Auflage

Fünf Jahre sind nun seit der Deep-Sky-Liste98 vergangen und vieles hat sich zwischenzeitlich auf dem Feld der Deep-Sky-Beobachtung getan: Das Internet und der Einsatz digitaler Atlanten und Deep-Sky-Kataloge sind entgültig zu einem festen Bestandteil in der Vor- und Nachbereitung von Beobachtungsnächten geworden. Darüber hinaus fördern Astro-Maillinglisten und Diskussionsforen den alltäglichen Informationsaustausch in einer bisher nicht gekannten Weise. Dennoch, oder gerade auch deswegen, bleibt – wie wir hoffen – die Deep-Sky-Liste ein nutzbringendes Element bei der Sammlung und Verarbeitung all dieser Informationen

Selbstverständlich folgt auch die DSL dieser Entwicklung und so gibt es die, mittlerweile siebte, Auflage nun auch in digitaler Form.

Die Liste kann dabei kostenlos über das Internet oder gegen einen Unkostenbeitrag auf Diskette bezogen werden.

Als Datenformat wurde das PDF-Format gewählt, welches auf Grund seiner großen Verbreitung die beste Wahl zum Austausch elektronischer Schriftstücke darstellt. Es gibt kostenlose Reader für nahezu alle Betriebssysteme und es ermöglicht ein bequemes Suchen z.B. nach Objekt- oder Beobachtername innerhalb der Liste.

Ein weiterer Vorteil, neben der kostengünstigen Verbreitung, ist dabei die Möglichkeit, häufiger aktualisierte Versionen über das Internet anbieten können.

Eine zusätzliche Neuerung: Die dynamische Auflistung der Beobachtungen erlaubt, nicht wie bisher nur die sechs Beobachtungen der kleinsten Teleskope abzudrucken, sondern eine größere Anzahl von Einsendungen zu integrieren.

Dennoch gilt weiterhin natürlich das größte Interesse der Suche nach dem kleinsten Teleskop welches zur Sichtung benötigt wird. Und natürlich der Einsendung von Beobachtungen zu Objekten für die nur wenige oder noch gar keine Sichtungen vorliegen.

Weiterhin ungebremst ist die Mitarbeit und Begeisterung der mitlerweile über 40 Teilnehmer: Seit der letzten Ausgabe hat sich die Anzahl der Beobachtungen um über 4600 auf 12800 erhöht! Damit liegen derzeit Sichtungen von insgesamt 4400 Deep-Sky-Objekten vor! Einige interessante Statistiken zu dieser Thematik sind auf der Seite 22 zu finden.

Doch damit nicht genug: Dankenswerterweise hat sich Wolfgang Steinicke bereiterklärt, der DSL die revidierte Daten zu den NGC- und IC-Objekten aus seiner Datenbank zum NGC/IC-Projekt zur Verfügung zu stellen. Dies erhöht die Genauigkeit und Zuverlässigkeit der DSL-Daten ungemein. Weitere Informationen zu den korrigierten Positions- und Größenangaben sind unter der Projektseite www.ngcic.com nachzulesen.

Verzichtet haben wir jedoch auf die Aufspaltung der Galaxien-Beobachtungen in Galaxien/Galaxiengruppen, da sich dies als nicht wirklich praktikabel erwiesen hat. Die Haufenmitglieder werden fortan wieder einzeln unter »Galaxien« aufgeführt sein.

Behalten haben wir dagegen die Verweise auf die Uranometria-Seitennummer: Diese beziehen sich weiterhin auf die »alte« Version und noch nicht auf die im Jahr 2002 erschienene Ausgabe, auf Grund der geringeren Verbreitung.

Last, not least, möchten wir noch auf die Internetseiten der DSL hinweisen, die ab sofort unter der Adresse www.deepskyliste.de zu finden ist: dort wird über den aktuellen Projektstand und über Updates der Liste informiert werden.

Clear Skies

Dirk Panczyk, Dieter Putz, Jürgen Lamprecht

Vorwort zur 4. Auflage

Die visuelle Deep Sky-Beobachtung findet immer mehr begeisterte Anhänger. Damit einher geht eine immer größer werdende Anzahl dafür hergestellter Teleskope und Zubehörteile, sowie etliche hervorragende Publikationen zu dieser Thematik. Durch zahlreiche Atlanten, Kataloge und Software sind die informellen Voraussetzungen somit in den letzten Jahren drastisch gestiegen. Die nun über den Beobachter hereinbrechende Datenflut läßt jedoch zwei Fragen in der Regel unbeantwortet:

Welche Objekte sind im eigenen Fernrohr zu sehen, und wie »gut« sind sie unter bestimmten Bedingungen sichtbar?

Diesen Fragen möchte nun die vorliegende Schrift etwas genauer nachgehen, denn sehr oft ist die Helligkeitsangabe zu einem Objekt nicht ausreichend, Auskunft zu geben, ob und wie ein Objekt sichtbar ist. Ein wesentlicher Gedanke der Deep Sky-Liste ist es somit, Informationen über das »visuelle Erlebnis« eines Objektes zu sammeln. Der Begriff Sichtbarkeit ist natürlich sehr subjektiv. Mit der hier verwendeten Skalierung wurde der Versuch unternommen den Begriff etwas zu objektivieren. Um die Bedingungen bei einer Beobachtung nachvollziehbar zu machen, werden neben dem verwendeten Fernrohr, die Vergrößerung, Filter und Grenzgröße angegeben.

In die Liste aufgenommen werden Sichtbarkeiten aller Deep Sky Objekte (einschl. der Doppelsterne) aus allen Katalogen. Die Scheu vor Objekten unbekannterer Kataloge ist oftmals unbegründet: Nicht selten sind darin interessante, auch mit kleinen Geräten sichtbare Objekte verborgen.

Hierbei wird ein weiterer wichtiger Gedanke dieser Liste deutlich: Die darin enthaltenen Beobachtungsvorschläge und Sichtbarkeiten mögen Anreiz sein; Anreiz, zum Beobachten, zum Überprüfen, zum Widerlegen...

Es soll somit auch ein kleiner Schritt zur Verbesserung der Kommunikation der Beobachter untereinander gemacht werden, denn der Informationsaustausch stellt gerade in diesem Bereich der Amateur-Astronomie einen wichtigen, oft unterschätzten Faktor dar.

Das Spektrum der teilnehmenden Optiken soll dabei möglichst groß sein: Von Sichtungen mit bloßem Auge, über Beobachtungen mit Feldstechern, bis hin zu großen »Lichtkanonen«...

Beobachtungen kleinerer Fernrohre sind sogar von entscheidender Bedeutung, ist doch gerade die Frage danach, ab welcher Öffnung ein Objekt zu sehen ist, von besonderem Interesse.

Bei ausreichender Zahl von Beobachtungen, können somit zu den Objekten gewisse Mindestbedingungen, die zur Sichtung nötig sind, gefunden und umgekehrt, die Grenzen und Möglichkeiten der Fernrohre, besser kennengelernt werden.

Da es hier im wesentlichen um die allgemeine visuelle Erscheinung gehen soll, wird mit Absicht darauf verzichtet, genauere Beschreibungen zu den Objekten aufzunehmen (diesem Gedanken wird bereits in anderen Publikationen, wie z.B. interstellarum, nachgegangen).

Die Deep-Sky-Liste lebt von der Vielfalt der Beobachtungen und der Anzahl aktiver Beobachter! Deshalb unsere Bitte an jeden Amateuer-Astronomen, der in diesem Bereich tätig ist – sei es Einsteiger oder »alter Hase« –, teilzunehmen und die Deep-Sky-Liste mit den eigenen Beobachtungen zu erweitern.

Wer teilnehmen möchte, Fragen oder Anregungen hat, wende sich bitte an die Adresse der Redaktion.

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Was ist die Deep-Sky-Liste?

Zum einen, eine Sammlung fast aller, mit Amateur-Teleskopen visuell sichtbarer Deep-Sky-Objekte. Zum anderen, eine Sammlung visueller Beobachtungen zu diesen Objekten. Dabei handelt es sich um eine kurze, prägnante Zusammenfassung der Sichtbarkeit – des visuellen Erlebnisses – im jeweiligen Fernrohr.

Die zugrundeliegende Idee war vor einigen Jahren, alle Sichtungen eines Nürnberger Beobachterkreises zu sammeln und anderen Beobachtern leicht und einfach nachvollziehbar zugänglich zu machen. Nun soll dieses Projekt im Rahmen der VdS-Fachgruppe »Visuelle Deep-Sky-Beobachtung« überregional ausgedehnt werden.

Um dies möglichst einfach und »kompatibel« zu gestalten, wurde eine kleine Sichtbarkeitsskala entworfen, die auf den folgenden Seiten genauer beschrieben wird. Bei der Sichtung eines Objektes genügt daher eine kleine Notiz, die, auf dem Beobachtungsprotokoll eingetragen, an die Redaktion geschickt wird. Die Beobachtungen werden dann in der kommenden Auflage veröffentlicht. Dazu ein Beispiel:

Klaus Veit beobachtet mit einem 200mm-Newton bei 84facher Vergrößerung und einem O-III-Filter den Galaktischen Nebel IC 410. Die visuelle Grenzgröße beträgt in dieser Himmelsgegend 6^m0. Der Nebel ist bei direktem Sehen gut zu erkennen; auch Helligkeitsunterschiede sind feststellbar.

Dies kann nun kurz geschrieben werden:

IC 410: N 200 KV 84x 6m0 2 s O-III

Derzeit werden 6 Sichtungen pro Objekt gedruckt. Wenn genügend Zusendungen kommen, wird diese Zahl natürlich erhöht. Senden Sie uns deshalb auch dann Ihre Beobachtung, falls beide Spalten bereits gefüllt sind. Bevorzugt aufgenommen – da von besonderem Interesse – werden Beobachtungen mit kleineren Geräten. Beobachtungen von Objekten, die noch nicht in der Liste aufgenommen wurden, sind natürlich ebenfalls sehr erwünscht. Bitte erleichtern Sie uns die Eingabe, indem Sie bei »exotischen« Objekten (z.B. Kugelsternhaufen in anderen Galaxien, Zwerg-Galaxien o.ä.) die Position (RA, Dec) oder Verweise auf Literaturquellen mit angeben.

Sollte ein Objekt nicht sichtbar sein, so ist auch dies eine Nachricht wert: Dafür wurde ein eigener Skalenwert reserviert (Bislang wird aber leider noch zu wenig Gebrauch davon gemacht).

Da die DS-Liste ständig durch neue Beobachtungen und Objekte erweitert wird, werden regelmäßig Neuauflagen veröffentlicht. Dies geschah bisher in einem Turnus von etwa 1–2 Jahren. Bei reger Beteiligung der Beobachter kann dieser Zeitraum verkürzt werden. Hinweise auf Neuauflagen werden z.B. in interstellarum veröffentlicht. Um keinen großen finanziellen Aufwand entstehen zu lassen, wird die DS-Liste zum Selbstkostenpreis verkauft und natürlich auf möglichst geringe Herstellungskosten geachtet.

Die DS-Liste soll ein nützliches Werkzeug bei der Deep-Sky-Beobachtung darstellen: Sie hilft Beobachtungspläne zu erstellen, kann »vor Ort« d.h. am Okular Fragen zum Objekt beantworten, bietet eine schöne Übersicht über bisher beobachtete Objekte, gibt Beobachtungsvorschläge aus unbekannteren Katalogen usw.

Zu der Thematik »Objektlisten für den Amateuer-Astronomen« wurden in den letzten Jahren einige englischsprachige Bücher gedruckt: üblicherweise wird dabei vom Autor eine Auswahl an Objekten ausgesucht und vorgestellt. Im Gegensatz aber zu diesen bisher erschienenen Publikationen kann die große Anzahl an Teilnehmern, Objekten und Optiken die Deep-Sky-Liste zu einem bislang einmaligen DS-Katalog werden lassen: Eine Sammlung der Sichtbarkeiten fast aller von Amateuren visuell beobachtbaren Objekte (vom bloßen Auge bis zum großen Newton-Spiegel).

Für die Sichtbarkeit eines Objektes spielen natürlich sehr viele Faktoren eine Rolle: Neben dem verwendeten Instrumentarium und den gegebenen Beobachtungsbedingungen beeinflussen indivi-

duelle Faktoren wie z.B. Erfahrung, Konzentrationsfähigkeit etc. die Beobachtung. Da letztere aber keine »meßbaren« Größen darstellen, können Sie nicht mit aufgenommen werden. Dennoch:

Die verwendete Skala wird von uns bereits seit einigen Jahren angewendet, und die bisherigen Ergebnisse zeigen eine gute Übereinstimmung der Bewertungen.

Zur einfachen Bestimmung der visuellen Grenzgröße wurden eigens dafür 8 Sternkarten mit genauen Helligkeiten erstellt, mit welchen der schwächste Stern in der Nähe bzw. auf der Höhe des Objektes bestimmt werden kann. Für eine genaue Bestimmung der Grenzgröße können wir diese Karten nur wärmstens empfehlen, da Sternhelligkeiten aus vielen Atlanten, Katalogen und Software nur mit großer Vorsicht zu genießen sind.

Für manche Objekte – besonders bei Nebeln und Sternhaufen – ist es weiterhin interessant das wahre Gesichtsfeld bei der Beobachtung zu kennen. Dies kann, soweit Informationen vorlagen, der Beobachterliste entnommen werden.

Bei einigen komplexen, aus mehreren Teilen bestehenden Objekten (z.B. Cirrus-Nebel, γ-Cygni-Region etc.) reichen die Beschriftungen der üblichen Atlanten nicht aus. Für die nächste Auflage sind daher detaillierte Karten zu diesen Himmelsgegenden geplant, die eine Identifikation der Objekte erleichtern werden. Grundsätzlich sollte versucht werden, möglichst genaue Angaben zu machen: Bezeichnungen wie z.B. »Cirrus-Nebel« oder »Stephen's Quintet« reichen nicht aus.

Objekte, die einen Teil einer anderen Galaxien (z.B. NGC 206 in M 31) bilden, sind nicht bei »Galaxien« eingeordnet, sondern sind unter den jeweiligen Objekt-Typen (z.B. NGC 206 bei »Offene Sternhaufen«) zu finden.

Galaktische Nebel, die einen Sternhaufen beinhalten (z.B. M 20) werden natürlich getrennt bewertet und aufgelistet.

Die Skalen für Doppelsterne und Offene Sternhaufen wurden für die 4. Auflage erweitert. Sichtbarkeiten, die nach der bisherigen Skala bewertet wurden, werden nicht abgedruckt.

Bereits aufgenommene Sichtungen können und sollen natürlich einen kleinen Anhaltspunkt bei der Bewertung liefern. Dennoch sollte man möglichst unvoreingenommen an ein Objekt herangehen und sich von bisherigen Beobachtungen nicht zu sehr beeinflussen lassen: vielleicht war bei der aufgelisteten Beobachtung der Spiegel oder beim Eintippen der Redaktion der Monitor beschlagen...

Beobachtungen (bitte nur auf der mitgelieferten Kopiervorlage), Ideen, Kritik etc. senden Sie bitte an untenstehende Adressen; wir freuen uns auf Ihre Zusendungen.

Redaktion DSL

E-Mail: info@deepskyliste.de

Deep-Sky-Skala

Sichtbarkeit:

1: Sehr einfaches, auffälliges Objekt im Okular.
2: Objekt bei direktem Beobachten gut zu sehen.
3: Objekt bei direktem Beobachten zu sehen.
4: Indirektes Beobachten ist nötig, um das Objekt zu sehen.
5: Objekt bei indirektem Beobachten gerade noch wahrnehmbar.
6: Sichtung des Objekts sehr fraglich.
7: Objekt sicher nicht zu sehen.

Fernrohrtyp:

A	Bloßes Auge	C	Cassegrain
B	Feldstecher	S	Schmidt-Cassegrain
N	Newton	K	Schiefspiegler
R	Refraktor	M	Maksutov
X	Ritchey-Chretien		

Öffnung: bitte in mm angeben.

Himmel: Die Grenzgröße ist nach Möglichkeit in der Nähe des Objekts (oder in ähnlicher Höhe) mit den beigelegten Karten zu bestimmen. Liegen nur ungenaue Angaben vor: Grenzgröße mit einem Doppelpunkt versehen: 5^m:

Anmerkungen: Sternhaufen:

a: aufgelöst (muß nicht komplett auflösbar sein).
n: nicht aufgelöst.

Nebel und Galaxien:

f: Objekt erscheint flächig (Angabe nur in Grenzfällen).
p: Objekt erscheint punktförmig
s: Struktur (Teile des Objektes sind heller/dunkler; bei Galaxien gilt eine Helligkeitszunahme zur Mitte hin nicht als Struktur)

Filter

UHC	Lumicon-Ultra High Contrast-Filter
H-β	Lumicon-H-beta Filter
DSF	Lumicon-Deep Sky Filter
LPR	Celestron-Light-Pollution-Reduction-Filter
O-3	Lumicon-O-III-Filter
BKF	Schott KIF 510 Blaukantenfilter
NEO	Neodymium

(nur in der Liste aufgeführte Filter wurden angegeben)

Beispiel:

N	200	KV	75 x	4m5	2 s	UHC
⇩	⇩	⇩	⇩	⇩	⇩	⇩
Fernrohrtyp: Newton	*Öffnung: 200 mm*	*Beobachter: Klaus Veit*	*Vergrößerung: 75 fach*	*Grenzgröße: $4{,}5^{mag}$*	*Sichtbarkeit, Anmerkung*	*Filter*

Deep-Sky-Skala bei Doppelsternen

Sichtbarkeit:

1: Doppelstern kann getrennt werden.
2: Doppelstern erscheint als »8«; kein durchgehend dunkler Zwischenraum.
3: Doppelstern kann nicht getrennt werden.

Anmerkungen:

h kein Helligkeitsunterschied feststellbar.
u Doppelstern liegt in schönem Umfeld (z.B. innerhalb eines DS-Objektes).

Farbschema:

ws = weiß
rt = rot
or = orange
ge = gelb
gn = grün
bl = blau

Hinweise: Die hellere Komponente wird zuerst genannt (z.B. ws-ge). Farbkombinationen können nicht angegeben werden.

Fernrohrtyp und Öffnung: siehe Seite 14

Grenzgröße: Angabe entfällt

Beobachtungs-Beispiel:

R	90	SG	143 x	1 hu	ws-ws
⇩	⇩	⇩	⇩	⇩	⇩
Fernrohrtyp: Refraktor	*Öffnung: 90 mm*	*Beobachter: Stephan Schurig*	*Vergrößerung: 143fach*	*Sichtbarkeit/ Anmerkung*	*Farben*

Deep-Sky-Skala
bei auflösbaren offenen Sternhaufen

Nicht aufgelöste Sternhaufen können nach der normalen Skala bewertet werden.

Sichtbarkeit: *(Skala für das »visuelle Erlebnis«)*

1: Sehr auffälliger, besonders schöner Sternhaufen; »Vorführobjekt«.
2: Auffälliger, schöner Sternhaufen.
3: Deutlich sichtbarer Sternhaufen.
4: Sternhaufen fällt kaum auf.
5: Sehr unauffälliger Haufen; kann im Vorbeischwenken leicht übersehen werden.
6: Sichtung fraglich; Sterndichte an der Stelle des Haufens entspricht der Umgebungsdichte.
7: An der eingezeichneten Stelle sind praktisch keine Sterne sichtbar.

Charakter: *Bitte immer angeben, welchem Typ (A-I) der Haufen am nächsten kommt.*

A-I Siehe gegenüberliegende Seite.
X Charakter des Haufens kann nicht zugeordnet werden.

bitte keine Mischungen (z.B. E–F) angeben.

Anmerkungen: bei Bedarf

u: Besondere, ungewöhnliche Gestalt, Form, Aussehen
t: Teile des Haufens können nicht aufgelöst werden.
k: Sterne zeigen auffälligen Kontrast in der jew. Farbe.

Fernrohrtyp: Siehe Seite 14

Öffnung: Siehe Seite 14

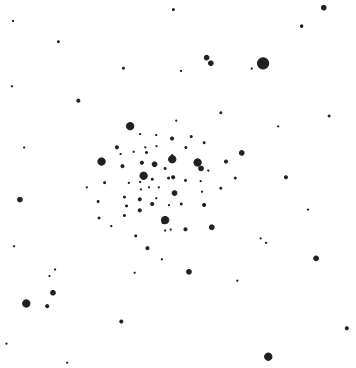
Himmel: Siehe Seite 14

Filter Siehe Seite 14

Beispiel:

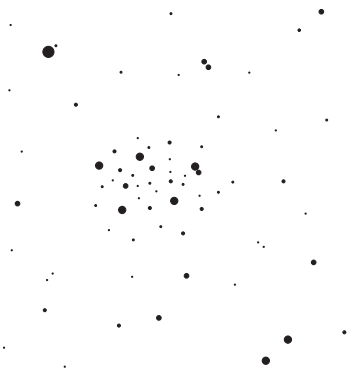
N	200	KV	75 x	4m5	2	B g
⇩	⇩	⇩	⇩	⇩	⇩	⇩
Fernrohrtyp: Newton	*Öffnung: 200 mm*	*Beobachter: Klaus Veit*	*Vergrößerung: 75 fach*	*Grenzgröße: 4,5^{mag}*	*Sichtbarkeit*	*Charakter d. Haufens/ Anmerkung*

Sternhaufen-Charakter



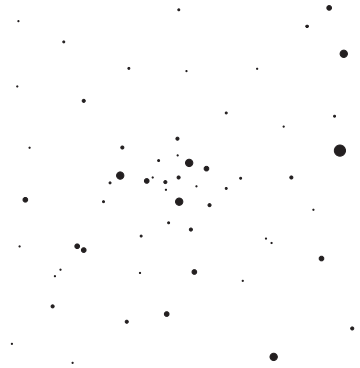
A

Sternreich, verschiedene Helligkeiten, leicht konzentriert, Sterndichte höher im Vergleich zur Umgebung.



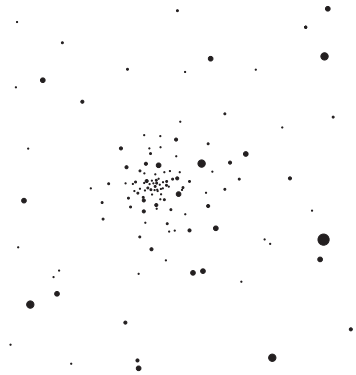
B

Verschiedene Helligkeiten, leicht konzentriert, Sterndichte höher im Vergleich zur Umgebung.



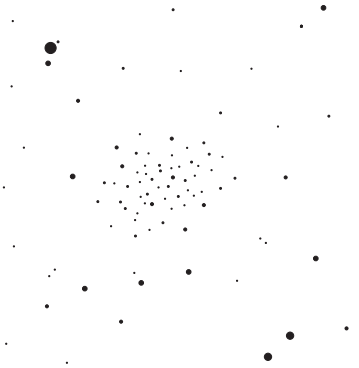
C

Sternarm, verschiedene Helligkeiten, leicht konzentriert, Sterndichte höher im Vergleich zur Umgebung.



D

Sternreich, deutliche Konzentration zur Mitte hin, sehr hohe Sterndichte.

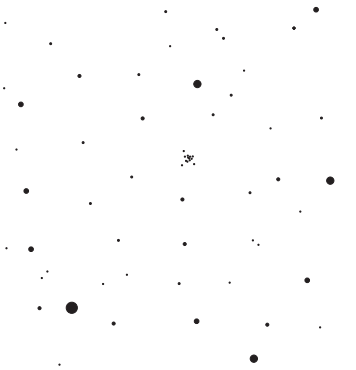


E

Sternreich, kaum konzentriert, Sterndichte höher im Vergleich zur Umgebung, Sterne sind annähernd gleichhell.

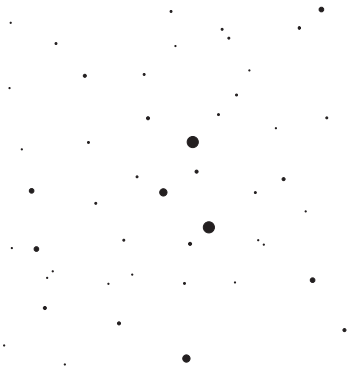
F

Haufencharakter ergibt sich nur durch die gleiche Helligkeit oder gleiche Farbe der Sterne. Dichte entspricht etwa der Umgebungsdichte.



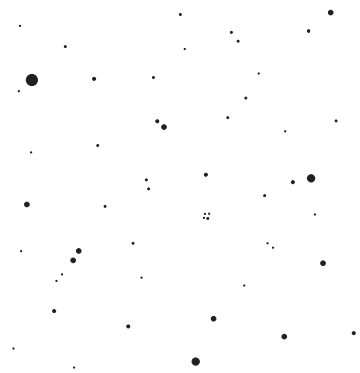
G

Auch bei hoher Vergrößerung sehr kompakter Haufen, viele schwache Sterne, Sterne stehen sehr dicht.



H

Extrem wenig Sterne sind zu sehen. Dichte nur geringfügig höher. Zuordnung der Sterne zum Haufen kaum möglich.



I

Auch bei hoher Vergrößerung sehr kompakter Haufen, nur sehr wenige, schwache Sterne sind zu sehen.

Spaltenüberschriften

Kat, Nr: Objektbezeichnung (wie im Uranometria 2000.0 verwendet)

Class: Klassifikationen

RA, De: Rektaszension und Deklination eines Objekts (2000.0 Äquinoktium).

Con: Sternbild in dem sich das Objekt befindet (2000.0 Äquinoktium).

Size: Größe, gemessen in Bogenminuten; Es wird der größte Durchmesser angegeben.

Mag: Die totale visuelle Helligkeit (im gelben Licht). Folgt der Zahl ein »p« so wurde die gerundete photographische Helligkeit angegeben (im blauen Licht).

Uran: Die Seite im Atlas Uranometria 2000.0, auf der sich das Objekt befindet.

Galaxien: (Klassifikation nach Hubble)

E0 – E7:
Elliptische Galaxie; die Ziffer gibt den Grad der Elliptizität an, wobei 0 für kreisförmig steht.

Sa, Sb, Sc:
Spiralförmige Galaxie, deren Spiralen direkt am Kern ansetzen. Die Indizes a, b, c geben den Grad der Auflösung der Spiralarme an.

SBa, SBb, SBc:
Spiralförmige Galaxien, deren Spiralarme von den Enden eines balkenförmigen Kerns ausgehen.

I bzw. p:
Galaxien von unregelmäßiger Struktur

Kugelsternhaufen:

Klasse I – XII (Grad der Konzentration)
I: extrem sternreicher Haufen; sehr stark verdichtet.
XII: sehr wenige Sterne; sehr lockere Verteilung.

Dunkelnebel

Opacity: Kontrast zwischen dem Nebel und der Umgebung (Lynds) 1 = niedrig, 6 = hoch

Offene Sternhaufen:

I: freistehend mit starker zentraler Kondensation
II: freistehend mit geringer zentr. Kondensation
III: freistehend ohne zentrale Kondensation
IV: nicht deutlich freistehend, ähnelt stärkeren Häufigkeit von Umgebungssternen.

1: Alle Sterne weisen etwa die gleiche Helll. auf
2: Gleichmäßige Verteilung der Helli. über einen großen Helligkeitsbereich
3: Neben besonders vielen hellen, sind auch viele schwächere Sterne vorhanden

p: poor (weniger als 50 Sterne)
m: medium rich (50 – 100 Sterne)
r: rich (über 100 Sterne)

Planetarische Nebel:

1: sternförmig
2 a: oval, gleichmäßig hell, mit Konz. zur Mitte
b: oval, gleichmäßig hell, ohne Konzentration
c: oval, gleichm. hell, Ringstruktur angedeutet
3 a: oval, ungleichmäßig hell
b: oval, ungleichm. hell, Ringstruktur angedeutet
4: ringförmig
5: unregelmäßig
6: außergewöhnlich, nicht einzuordnen

Spaltenüberschriften Doppelsterne

Nr: Sternnummer aus Aitkens New General Catalogue of Double Stars (ADS), 1932
Bei Mehrfachsystemen folgen die entsprechenden Komponenten: z.B.: 3832AB.
Weitere Bezeichnungen:
Σ: F.G. Wilhelm Struve, α Aur: Bayer, 61Cyn: Flamsteed, Sonstige Bezeichnung.

RA, De: Koordinaten des Hauptsterns im 2000.0 Äquinoktium.

Mag1, Mag2: Helligkeit der Hauptkomponente und des Begleiters.

Dist: Abstand der Komponenten in Bogensekunden.

PA: Positionswinkel: Lage des Begleiters relativ zum Hauptstern gezählt von Nord über Ost, Süd, West von 0-360°.*Distanzen und Positionswinkel sind veränderliche Größen. Die angegebenen Werte gelten in der Regel für das Jahr 2000 (1990-2000), falls nicht anders vermerkt. Genaue Werte (z.B. für Auflösungstests) müssen bis zur nächsten Auflage anderen Quellen entnommen werden.*

Uran: Die Seite im Atlas Uranometria 2000.0, auf der sich das Objekt befindet.

Messierobjekte

M 1	NGC 1952	M 29	NGC 6913	M 57	NGC 6720	M 85	NGC 4382
M 2	NGC 7089	M 30	NGC 7099	M 58	NGC 4579	M 86	NGC 4406
M 3	NGC 5272	M 31	NGC 224	M 59	NGC 4621	M 87	NGC 4486
M 4	NGC 6121	M 32	NGC 221	M 60	NGC 4649	M 88	NGC 4501
M 5	NGC 5904	M 33	NGC 598	M 61	NGC 4303	M 89	NGC 4552
M 6	NGC 6405	M 34	NGC 1039	M 62	NGC 6266	M 90	NGC 4569
M 7	NGC 6475	M 35	NGC 2168	M 63	NGC 5055	M 91	NGC 4548
M 8	NGC 6523	M 36	NGC 1960	M 64	NGC 4826	M 92	NGC 6341
M 9	NGC 6333	M 37	NGC 2099	M 65	NGC 3623	M 93	NGC 2447
M 10	NGC 6254	M 38	NGC 1912	M 66	NGC 3627	M 94	NGC 4736
M 11	NGC 6705	M 39	NGC 7092	M 67	NGC 2682	M 95	NGC 3351
M 12	NGC 6218	M 40	sieheunten	M 68	NGC 4590	M 96	NGC 3368
M 13	NGC 6205	M 41	NGC 2287	M 69	NGC 6637	M 97	NGC 3587
M 14	NGC 6402	M 42	NGC 1976	M 70	NGC 6681	M 98	NGC 4192
M 15	NGC 7078	M 43	NGC 1982	M 71	NGC 6838	M 99	NGC 4254
M 16	NGC 6611	M 44	NGC 2632	M 72	NGC 6981	M 100	NGC 4321
M 17	NGC 6618	M 45	C0344+239	M 73	NGC 6994	M 101	NGC 5457
M 18	NGC 6613	M 46	NGC 2437	M 74	NGC 628	M 102	NGC 5866
M 19	NGC 6273	M 47	NGC 2422	M 75	NGC 6864	M 103	NGC 581
M 20	NGC 6514	M 48	NGC 2548	M 76	NGC 650-1	M 104	NGC 4594
M 21	NGC 6531	M 49	NGC 4472	M 77	NGC 1068	M 105	NGC 3379
M 22	NGC 6656	M 50	NGC 2323	M 78	NGC 2068	M 106	NGC 4258
M 23	NGC 6494	M 51	NGC5194/5	M 79	NGC 1904	M 107	NGC 6171
M 24	sieheunten	M 52	NGC 7654	M 80	NGC 6093	M 108	NGC 3556
M 25	IC 4725	M 53	NGC 5024	M 81	NGC 3031	M 109	NGC 3992
M 26	NGC 6694	M 54	NGC 6715	M 82	NGC 3034	M 110	NGC 205
M 27	NGC 6853	M 55	NGC 6809	M 83	NGC 5236		
M 28	NGC 6626	M 56	NGC 6779	M 84	NGC 4374		

M 24 Messier beschreibt die Small Sagittarius Star Cloud
M 40 Optische Doppelstern Winnecke 4, RA $12^h22^m.2$, Dec +58° 05'
M 45 Für die Plejaden existiert keine NGC-Nummer

Sternbilder der nördlichen Hemisphäre

And	Andromeda, Andromeda	Cyg	Cygnus, Schwan	Peg	Pegasus, Pegasus
Aql	Aquila, Adler	Del	Delphinus, Delphin	Per	Perseus, Perseus
Aqr	Aquarius, Wassermann	Dra	Draco, Drache	PsA	Pisces Austrinus
Ari	Aries, Widder	Equ	Equuleus, Füllen	Psc	Pisces, Fische
Aur	Auriga, Fuhrmann	Eri	Eridanus, Eridanus	Pup	Puppis, Schiffsheck
Boo	Bootes, Bärenhüter	For	Fornax, Ofen	Scl	Sculptor, Bildhauer
Cam	Camelopardalis, Giraffe	Gem	Gemini, Zwillinge	Sco	Scorpius, Skorpion
Cap	Capricornus, Steinbock	Her	Hercules, Herkules	Sct	Scutum, Schild
Cas	Cassiopeia, Kassiopeia	Hya	Hydra, Wasserschlange	Ser	Serpens, Schlange
Cep	Cepheus, Kepheus	Lac	Lacerta, Eidechse	Sex	Sextans, Sextant
Cet	Cetus, Walfisch	Leo	Leo, Löwe	Sge	Sagitta, Pfeil
CMa	Canis Major, Großer Hund	Lep	Lepus, Hase	Sgr	Sagittarius, Schütze
CMi	Canis Minor, Kleiner Hund	Lib	Libra, Waage	Tau	Taurus, Stier
Cnc	Cancer, Krebs	LMi	Leo Minor, Kleiner Löwe	Tri	Triangulum, Dreieck
Col	Columba, Taube	Lyn	Lynx, Luchs	UMa	Ursa Major, Großer Bär
Com	Coma Berenices,	Lyr	Lyra, Leier	UMi	Ursa Minor, Kleiner Bär
CrB	Corona Borealis, N. Krone	Mic	Microscopium, Mikroskop	Vir	Virgo, Jungfrau
Crt	Crater, Becher	Mon	Monoceros, Einhorn	Vul	Vulpecula, Füchschen
Crv	Corvus, Rabe	Oph	Schlangenträger		
CVn	Canes Venatici, Jagdhunde	Ori	Orion, Orion		

Namen ausgewählter Objekte

Adler Nebel . . . . . .NGC 6611
Andromeda Nebel . . . . . .NGC 224
Antennae . . . . . .NGC 4038/39
Aquarius Dwarf MCG-2-53-3
Barbell Nebula . . . . . .NGC 650/651
Bear Paw Galaxy . . . . . .NGC 2537
Barnards Galaxie . . . . . .NGC 6822
Barnards Loop Sh2-276
Barnards Star . . . . . .$17^h57^m.8$,+4° 42'
Baxendell's unphotographable Neb. . . .NGC 7088
Beehive Cluster . . . . . .NGC 2632
Black-Eye Galaxy . . . . . .NGC 4826
Black Hole . . . . . .B 92
Blinking Planetary . . . . . .NGC 6826
Blue Flash Nebula . . . . . .NGC 6905
Blue Snowball . . . . . .NGC 3918
Bode's Nebulae . . . . . .M 81/82
Box (Gx Group) . . . . . .NGC 4169,...
Box Nebula . . . . . .NGC 6309
Brocchi's Cluster . . . . . .Cr 399
Bubble Nebula . . . . . .NGC 7635
Bug Nebula . . . . . .NGC 6302
Butterfly Cluster . . . . . .NGC 6405
Butterfly Nebula . . . . . .IC 2220
California Nebel . . . . . .NGC 1499
Campbell's Star . . . . . .PK 64+5.1
Cat's Eye Nebula . . . . . .NGC 6543
Cave Nebula Sh2-155
CBS-Eye . . . . . .NGC 3242
Christmas Tree Cluster . . . . . .NGC 2264
Cirrus Nebel . . . . . .NGC 6960, 92, 95
Clown Face Nebula . . . . . .NGC 2392
Cocoon Nebula . . . . . .IC 5146
Coddington's Galaxy . . . . . .IC 2574
Coma Cluster . . . . . .Abell 1656
Coma Star Cluster . . . . . .Mel 111
Cone Nebula . . . . . .NGC 2264
Copeland's SeptetNGC 3745/6/8, 3750/1, 3753/4
Cork Nebula . . . . . .NGC 650/1
Corona Borealis Cluster . . . . . .Abell 2065
Crab Nebula . . . . . .NGC 1952
Crescent Nebula . . . . . .NGC 6888
Draco Dwarf . . . . . .UGC 10822
Dreiecks Nebel . . . . . .NGC 598
Double Cluster . . . . . .NGC 869/84
Duck Nebula . . . . . .NGC 2359
Dumbbell Nebula . . . . . .NGC 6853
Kleiner Dumbbell Nebel . . . . . .NGC 650-1
Egg Nebula . . . . . .PK 80-6.1
Eskimo Nebel . . . . . .NGC 2392
Eulen Nebel . . . . . .NGC 3587
The Eyes . . . . . .NGC 4435, 38
Filamentary Nebula . . . . . .NGC 6960
Fischmaul . . . . . .DN in M 42
Fish On The Platter . . . . . .B 144
Flaming Star Nebula . . . . . .IC 405
Flying Star . . . . . .61 Cyg
Footprint Nebula M1-92
Fornax Dwarf . . . . . .ESO 356-G4
γ Cygni Nebel . . . . . .Sh2-108, IC 1318
Golf von Mexiko . . . . . .DN in NGC 7000
Great Rift . . . . . .DN in Aql
Helix Galaxie . . . . . .NGC 2685
Helix Nebel . . . . . .NGC 7293
Hercules Cluster . . . . . .M 13
Hercules Galaxy Cluster . . . . . .Abell 2151
Herings Nebel . . . . . .NGC 4631
Hexenkopf Nebel . . . . . .IC 2118
Hind's Variable Nebula . . . . . .NGC 1555
Hole in a Cluster . . . . . .NGC 6811
Horseshoe Nebula . . . . . .M 17
Hourglass Nebula . . . . . .NGC 6523, Teil von M 8
Hubble's Variable Nebula . . . . . .NGC 6261
Hyaden . . . . . .Mel 25
h&χ Persei . . . . . .NGC 869, 884
Ink Spot . . . . . .B 86
Integral Sign Galaxy . . . . . .UGC 3697
The Intergalactic Wanderer . . . . . .NGC 2419
Jupiters Geist . . . . . .NGC 3242
Kemble's Cascade .Sternkette bei 3^h57^m, -21°29'
Kleiderbügelhaufen . . . . . .Cr 399
Konus Nebel . . . . . .NGC 2264
Lagunen Nebel . . . . . .NGC 6523
Leo I . . . . . .UGC 5470
Leo II . . . . . .UGC 6253
Leo III=Leo A . . . . . .UGC 5364
Little Gem . . . . . .NGC 6445
Little Ghost . . . . . .NGC 6369
Lower's Nebula Sh2-261
Maffei I/II . . . . . .UA 34/39
Maja Nebula . . . . . .NGC 1432
Medusa Nebel . . . . . .PK 104+14.1
Merope Nebel . . . . . .NGC 1435
Mice . . . . . .NGC 676A/B
Muscle Man Cluster . . . . . .Stock 2
Nordamerika Nebel . . . . . .NGC 7000
Omega Nebel . . . . . .NGC 6618
Orion Nebel . . . . . .M 42
Owl Nebula . . . . . .NGC 3587
Parrot's Head . . . . . .B 87
Pegasus Dwarf . . . . . .UGC 12613
Pelikan Nebel . . . . . .IC 5067, 70
Perseus A . . . . . .NGC 1275
Perseus Galaxy Cluster . . . . . .Abell 426
Pferdekopf Nebel . . . . . .IC 434, B 33
Phantom Streak . . . . . .NGC 6741
Pinwheel Galaxy . . . . . .NGC 4254
Pipe Nebula . . . . . .B 59, 65, 67, 78
Plejaden/Siebengestirn . . . . . .M 45
Polarissima Borealis . . . . . .NGC 3172
Präsepe . . . . . .NGC 2632
Ring Nebel . . . . . .NGC 6720

Ringtail Galaxy . . . . . .NGC 4038
Rosetten Nebel . . . . . .NGC 2237/9, 46
Saturn Nebel . . . . . .NGC 7009
Scutum Star CloudTeil d. Milchstraße bei 18^h40^m, -7°
Sculptor Dwarf . . . . . .ESO 351-G30
Seyfert's Galaxy . . . . . .NGC 6027
Siamese Twins . . . . . .NGC 4567/8
Small Sagitt. CloudTeil d. Milchstraße b. 18^h16^m,-18°29'
The Snake . . . . . .B 72
Sombrero Galaxie . . . . . .NGC 4594
Sonnenblumen Nebel . . . . . .NGC 7293
Spindle Galaxy . . . . . .NGC 3115
Star Queen Nebula . . . . . .M 16
Stephen's Quintet . . . . . .NGC 7317-20
Struve's Lost Nebula . . . . . .NGC 1554
Sunflower Galaxy . . . . . .NGC 5055
Swan Nebula . . . . . .M 17, NGC 6618
Table Of Scorpius . . . . . .NGC 6231
Tank Track Nebula . . . . . .NGC 2024
Tempel's Nebula . . . . . .NGC 1435
Tom Thumb Cluster . . . . . .NGC 6451
Trapez . . . . . .ADS 4188
Trifid Nebel . . . . . .NGC 6514
Tuft in The Tail of a Dog . . . . . .Cr 140
Ursa Major Moving Gr. . . . . .Cr 285
Ursa Minor Dwarf . . . . . .UGC 9749
Veil Nebula . . . . . .NGC 6960, 92, 95
V-Man Cluster . . . . . .Stock 2
Whirlpool Galaxy . . . . . .NGC 5194-5
White Eyed Pea . . . . . .IC 4593
Wild Duck Cluster . . . . . .NGC 6705
Witch Head Nebula . . . . . .IC 2118
WLM (Wulf-Lundmark-Melotte) . . . . . .UA 444

Deep-Sky-Kataloge

Neben der bekannten Messier-Liste und den NGC-/IC-Katalogen, die verschiedenste Objekte-Typen beinhalten, gibt es eine stattliche Anzahl von Katalogen, die sich nur mit einer Klasse von Objekten befassen. Im folgenden eine kleine Auswahl solcher Deep-Sky-Kataloge. Diese Liste ist unvollständig, beinhaltet aber alle in der DS-Liste vorkommenden Kataloge. Ausführliche Angaben zu weiteren Quellen sind in interstellarum Nr. 3–5 zu finden.

Objekt, die verschiedene Bezeichnungen besitzen, werden mit dem Namen eingetragen, der im Atlas »Uranometria 2000.0« verzeichnet ist.

Quasare

MK
IRAS
3C....

Galaxien

MCG	Morphological Catalogue of Galaxies
PGC	Principal Galaxies Catalogue
UA	Catalogue of Selected Non-UGC Galaxies
UGC	Uppsala General Catalogue of Galaxies

Galaktische Nebel

Ced	Cederblad
DWB	Dickel, Wendker, Bieritz: The Cygnus X Region
GN	anonymer Nebel (aus Atlas Galaktischer Nebel)
LBN	Lynds, Catalogue of Bright Nebulae
Mi	Minkowski
Sh2	Sharpless
vdB	van den Bergh

Dunkelnebel

B	Barnard, Cat. of 349 Dark Objects in the Sky
LDN	Lynds, Catalogue of Dark Nebulae

Planetarische Nebel

PK	Perek & Kohoutek

Kugelsternhaufen

Pal	Palomar
Ter	Terzan
G	Gb in M31 (Astron. J., 82, S.947, 1977)
Hub	Hubble, 1932 (Gb in M31)

Sternhaufen

A	Antalova
Bar	Barkhatova
Bas	Basel
Be	Berkely
Bi	Biurakan
Bl	Blanco
Bo	Bochum
Cr	Collinder
Cz	Czernik
Do	Dolidze
DoDz	Dolidze/Dzimselejsvili
Fr	Frolov
Haf	Haffner
H	Harvard
K	King
Mrk	Markarian
Mel	Melotte
Pi	Pismis
Ro	Roslund
Ru	Ruprecht
Ste	Stephenson
St	Stock
Tom	Tombaugh
Tr	Trümpler
Up	Upgren
vdB	van den Bergh-Waterloo

Doppelsterne

ADS	Aitken, New General Cat. of Double Stars
Σ	F.G.W. Struve
OΣ	O. Struve

Top 100

Auf den folgenden beiden Seiten möchten wir die schönsten Deep-Sky-Objekte des Himmels vorstellen. Diese Objekte wurden von unseren Lesern als besonders empfehlenswert und für den Einstieg in die Deep-Sky-Beobachtung besonders geeignet bewertet. Neben Name, Typ und Sternbild, gibt die fünfte Spalte die empfohlene Mindestöffnung des Teleskopes in Zoll an (B = Feldstecher).

γ	And	DS	And	4
M	31	Gx	And	B
NGC	404	Gx	And	8
NGC	752	OC	And	4
NGC	7662	PN	And	4
B	142	DN	Aql	B
B	143	DN	Aql	B
B	330	DN	Aql	4
NGC	6709	OC	Aql	4
NGC	6804	PN	Aql	4
M	2	Gb	Aqr	4
NGC	7009	PN	Aqr	4
NGC	7293	PN	Aqr	4
NGC	7293 [Q]	Nb	Aqr	4
IC	2149	PN	Aur	8
M	36	OC	Aur	B
M	37	OC	Aur	B
M	38	OC	Aur	B
NGC	1931	Nb	Aur	8
NGC	2281	OC	Aur	4
NGC	5466	Gb	Boo	8
Mrk	6	OC	Cam	4
NGC	1502	OC	Cam	4
NGC	2403	Gx	Cam	4
ε	Cas	DS	Cas	4
ι	Cas [J]	DS	Cas	4
IC	1747	PN	Cas	8
K	12	OC	Cas	8
M	103	OC	Cas	4
M	52	OC	Cas	B
Mel	15	OC	Cas	4
Mrk	50	OC	Cas	8
NGC	281 [P N]	OC+Nb	Cas	4
NGC	457	OC	Cas	4
NGC	654	OC	Cas	B
NGC	663	OC	Cas	4
NGC	7789	OC	Cas	4
Tr	1	OC	Cas	8
δ	Cep	DS	Cep	4
μ	Cep	DS	Cep	B
NGC	188	OC	Cep	4
NGC	40	PN	Cep	8
NGC	6939	OC	Cep	B
NGC	7129 [K]	OC+Nb	Cep	B
NGC	7160	OC	Cep	4
NGC	7380	OC	Cep	B
NGC	7510	OC	Cep	B
NGC	7762	OC	Cep	B
M	77	Gx	Cet	4
145	CMa	DS	CMa	4
M	41	OC	CMa	B
NGC	2359 [Q]	Nb	CMa	8
NGC	2360	OC	CMa	8
NGC	2362	OC+Nb	CMa	8
NGC	2438	PN	CMa	8
M	44	OC	Cnc	B
M	67	OC	Cnc	B

M	100	Gx	Com	4
M	49	Gx	Com	4
M	64	Gx	Com	4
M	84	Gx	Com	4
M	86	Gx	Com	4
NGC	4494	Gx	Com	4
NGC	4565	Gx	Com	4
NGC	4631	Gx	Com	4
NGC	5053	Gb	Com	8
M	106	Gx	CVn	4
M	3	Gb	CVn	4
M	51	Gx	CVn	4
NGC	4449	Gx	CVn	8
NGC	4490	Gx	CVn	8
NGC	4656	Gx	CVn	8
NGC	5193	Gx	CVn	4
Up	1	OC	CVn	4
B	361	DN	Cyg	4
β	Cyg	DS	Cyg	4
Be	87	OC	Cyg	8
Bi	1	OC	Cyg	4
Bi	2	OC	Cyg	4
Cr	421	OC	Cyg	8
DoDz	11	OC	Cyg	8
NGC	6811	OC	Cyg	4
NGC	6819	OC	Cyg	8
NGC	6826	PN	Cyg	4
NGC	6834	OC	Cyg	8
NGC	6866	OC	Cyg	4
NGC	6883	OC	Cyg	4
NGC	6888 [Q]	Nb	Cyg	8
NGC	6910	OC	Cyg	8
NGC	6960 [Q]	Nb	Cyg	B
NGC	7000 [P]	Nb	Cyg	B
NGC	7027	PN	Cyg	8
NGC	6905	PN	Del	8
NGC	5907	Gx	Dra	8
NGC	6543	PN	Dra	8
32	Eri	DS	Eri	4
NGC	1360	PN	For	4
M	35	OC	Gem	B
NGC	2392	PN	Gem	4
PK	194+2.1	PN	Gem	8
DoDz	1	OC	Her	8
DoDz	6	OC	Her	4
DoDz	8	OC	Her	4
M	13	Gb	Her	4
M	5	Gb	Her	4
M	92	Gb	Her	4
NGC	6207	Gx	Her	8
NGC	6210	PN	Her	8
M	48	OC	Hya	B
M	83	Gx	Hya	4
NGC	3242	PN	Hya	4
γ	Leo	DS	Leo	4
M	105	Gx	Leo	4
M	65	Gx	Leo	4

M	66	Gx	Leo	4
NGC	2903	Gx	Leo	4
NGC	3628	Gx	Leo	4
NGC	3294	Gx	LMi	4
M	57	PN	Lyr	4
NGC	6710	Gx	Lyr	4
NGC	6791	OC	Lyr	4
β	Mon	DS	Mon	4
M	50	OC	Mon	B
NGC	2237-9 [Q P]	Nb	Mon	4
NGC	2261 [K]	Nb	Mon	4
NGC	2264	OC	Mon	B
NGC	2301	OC	Mon	B
NGC	2324	OC	Mon	B
IC	4665	OC	Oph	4
M	10	Gb	Oph	4
M	12	Gb	Oph	4
NGC	6572	PN	Oph	4
NGC	6633	OC	Oph	4
o	Ori [J]	DS	Ori	4
M	42 [P]	Nb	Ori	B
M	43 [K]	Nb	Ori	B
M	78 [K]	Nb	Ori	4
NGC	1662	OC	Ori	4
NGC	1788 [K]	Nb	Ori	8
NGC	2023	Nb	Ori	8
NGC	2024 [P K]	Nb	Ori	8
NGC	2071 [K]	Nb	Ori	8
NGC	2169	OC	Ori	4
NGC	2174 [P]	Nb	Ori	8
M	15	Gb	Peg	4
NGC	7331	Gx	Peg	4
M	34	OC	Per	B
M	6	OC	Per	B
M	71	OC	Per	4
M	76	PN	Per	4
Mel	20	OC	Per	B
NGC	1023	Gx	Per	4
NGC	1491 [Q]	Nb	Per	8
NGC	1499	Nb	Per	4
NGC	1528	OC	Per	B
NGC	869	OC	Per	4
NGC	884	OC	Per	B
NGC	891	Gx	Per	8
St	23	OC	Per	4
Tr	2	OC	Per	4
M	46	OC	Pup	B
M	47	OC	Pup	B
M	93	OC	Pup	4
NGC	2423	OC	Pup	B
NGC	253	Gx	Scl	4
M	4	Gb	Sco	4
M	62	Gb	Sco	4
M	11	OC	Sct	B
NGC	288	Gb	Sct	8
NGC	6664	OC	Sct	4
IC	4756	OC	Ser	4
NGC	3115	Gx	Sex	4
M	16 N	NB+OC	Sgr	B
M	17 [Q]	Nb	Sgr	B
M	20 [Q]	Nb	Sgr	B
M	22	Gb	Sgr	4
M	23	OC	Sgr	B
M	24	OC	Sgr	B
M	25	OC	Sgr	B
M	8	Nb	Sgr	B
NGC	6596	Gb	Sgr	4
NGC	6818	PN	Sgr	8
Pal	8	Gb	Sgr	8
M	1 [K]	Nb	Tau	4
M	45	OC	Tau	B
NGC	1647	OC	Tau	4
NGC	1746	OC	Tau	4
Cr	21	OC	Tri	8
M	33	Gx	Tri	B
NGC	890	Gx	Tri	8
ξ	UMa [J]	DS	UMa	4
M	101	Gx	UMa	4
M	81	Gx	UMa	4
M	97	PN	UMa	4
NGC	3938	Gx	UMa	4
NGC	3953	Gx	UMa	4
NGC	4051	Gx	UMa	4
M	104	Gx	V7ir	4
NGC	4216	Gx	Vir	8
NGC	4435	Gx	Vir	8
NGC	4438	Gx	Vir	8
NGC	4526	Gx	Vir	8
NGC	4567	Gx	Vir	8
NGC	4568	Gx	Vir	8
NGC	4647	Gx	Vir	8
NGC	4754	Gx	Vir	8
NGC	4762	Gx	Vir	8
Cr	399	OC	Vul	B
M	27	PN	Vul	4
NGC	6940	OC	Vul	B

Anmerkungen:

A	Alamak
B	zusammen mit M 32 und M110
C	zusammen mit NGC 1907
D	Zusammen mit M86, NGC4387, 4388, 4402, 4413, 4425, 4435, 4438, 4458, 4461, 4473, 4477, 4479, 4459, 4468, 4474
E	zusammen mit NGC 4485
F	Albireo
G	Cirrus Nebel zusammen mit NGC699-5
H	zusammen mit NGC 3384 und 3389
I	Mit M 66 und NGC 3628
J	Mehrfachsystem
K	Am besten ohne Filter
L	Am besten mit H-β Filter
M	h und χ Perseus
N	Gilt nur für die Emissionskomponente; blaue Reflexionskomponente und Sternhaufen ohne Filter
O	Milchstraßenwolke
P	Am besten mit Schmalbandfilter (wie z.B. Lumicon UHC oder Orion Ultra-Block)
Q	Am besten mit O III Filter
R	zusammen mit M 82

STATISTIKEN

Beobachtungen je Teilnehmer

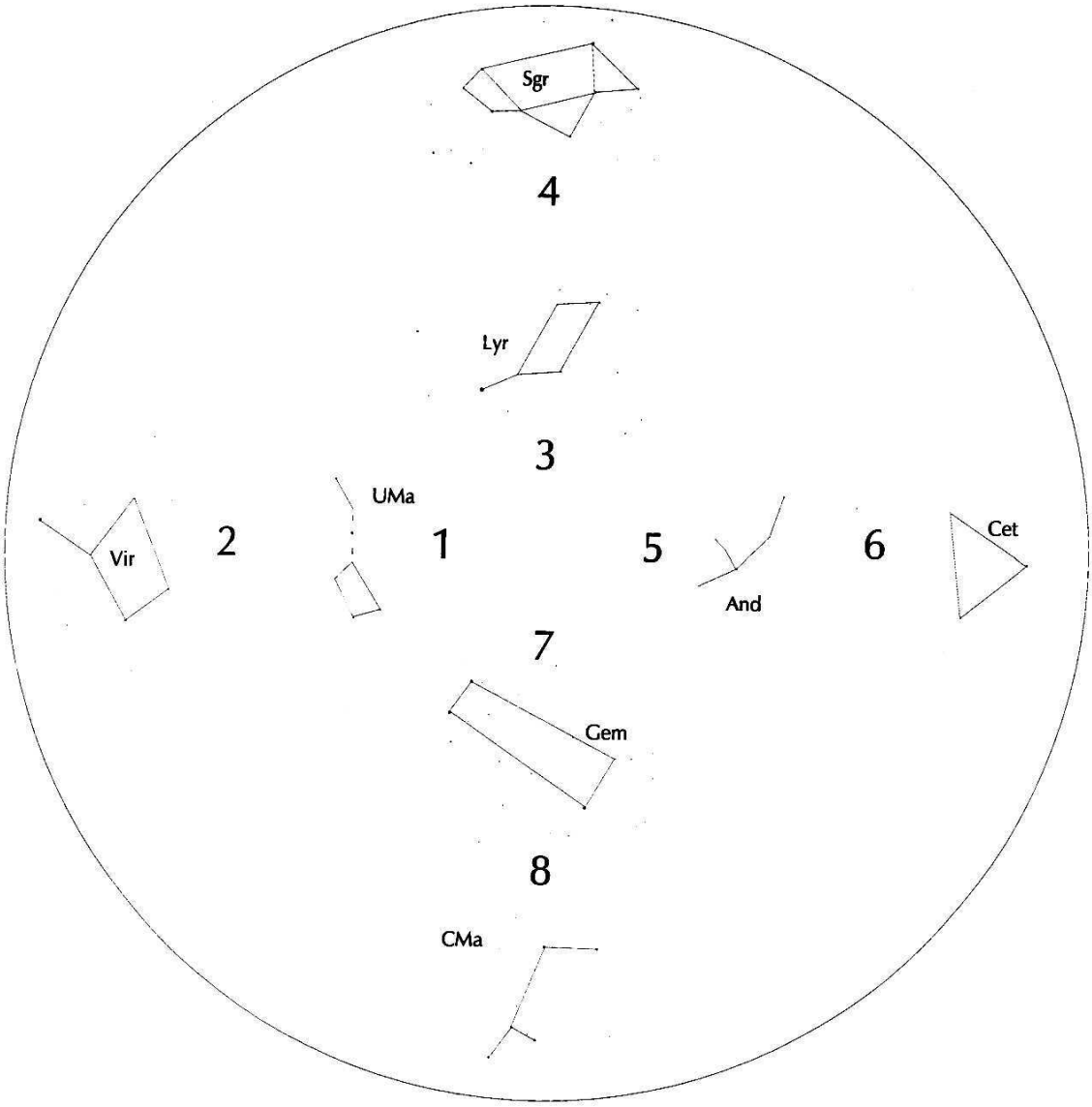
Beob.	*Name*	*Kürzel*	
2503	Klaus Wenzel	WK	
1168	Herbert Zellhuber	HZ	
1016	Christian Fuchs	CF	
906	Frank Berger	FB	
868	Klaus Veit	KV	
827	Dieter Kremb	DK	
752	Peter Enskonatus	PE	
738	Gerd Kohler	GK	
685	Uwe Pilz	PI	
628	Martin Schoenball	SB	
594	Jörg Meyer	JM	
589	Günter Igel	GI	
565	Ronald Stoyan	RS	
560	Dieter Schubert	DS	
527	Thomas Jäger	TJ	
385	Dieter Putz	DP	
351	Jürgen Lamprecht	JL	
338	Dirk Panczyk	PA	
315	Mike Schäfer	MC	
293	Roland Vossebecker	RV	
275	Stathis Kafalis	SK	
274	Robin Hegenbarth	RH	
225	Hans Meyer	HM	
193	Kay Hempel	KH	
181	Andreas Alzner	AZ	
159	Dietmar Bannuscher	DB	
132	Boris Fritz	BF	
126	Frank Döpper	FD	
116	Manfred Seufert	MS	
109	Stephan Schurig	SG	
108	Hans Trögeler	HT	
103	Ute Katrin Niemann	UN	
100	Achim Strnad	AS	
98	Thomas Engl	TE	
84	Peter Postler	PP	
80	Philipp Kammerlohr	PK	
64	Markus Weber	MW	
58	Christian Weis	CW	
53	Winfried Dumann	WD	
49	Günter Wöhner	GW	
49	Unbekannter Beobachter	XY	Ursprüngliches Kürzel "JM", jedoch nicht Jörg Meyer.
48	Andreas Masche	AM	
46	Axel Trettin	AT	
43	Gabor Großmann	GG	
37	H. Rottensteiner	HR	
36	Peter Haberberger	PH	
35	Daniel Restemeier	DR	
34	Hans Lippmann	HL	
34	Alexander Vorbau	AV	
25	Matthias Bugl	MB	
24	Cord Naujokat	CN	
23	Hannes Hase-Bergen	HB	
14	Dennis Rybaczyk	RY	
11	Gerhard Merz	GM	
9	Wolfgang Greulich	WG	
6	Henrik Buhlmann	BU	
3	Stefan Deichsel	SD	
2	Thomas Nordhaus	TN	

Objekttypen

Anzahl	*Typ*
3191	Galaxien
569	Offene Sternhaufen
524	Doppelsterne
294	Helle Nebel
290	Planetarische Nebel
127	Kugelsternhaufen
96	Dunkelnebel
82	Quasare
5173	**Objekte insgesamt**

Beobachtungen je Objekttyp

Beob.	*Typ*
8531	Galaxien
3529	Offene Sternhaufen
1677	Planetarische Nebel
1379	Helle Nebel
1151	Doppelsterne
1146	Kugelsternhaufen
266	Dunkelnebel
100	Quasare
17779	**Beobachtungen insgesamt**



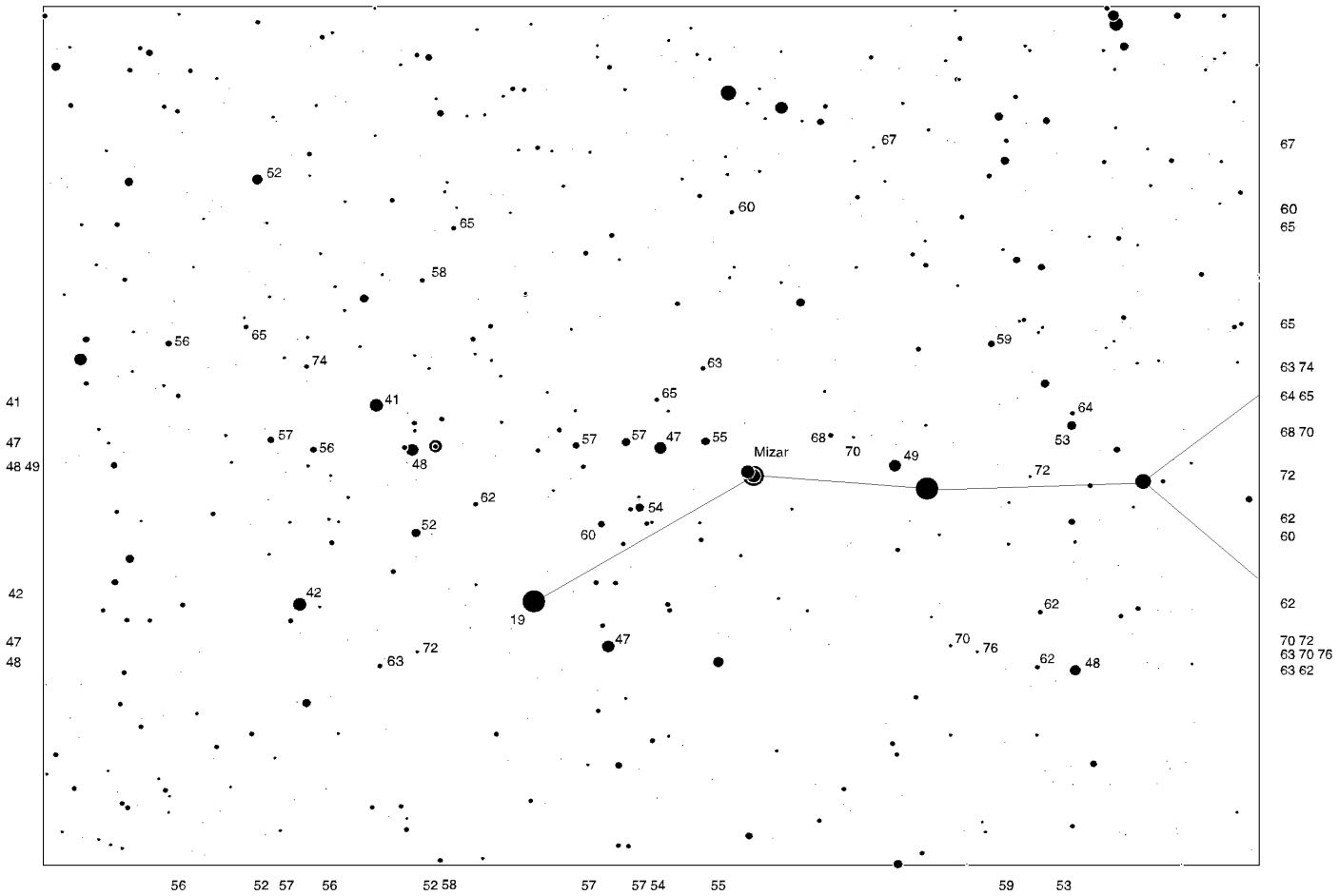
Grenzgrößenbestimmung:

Die visuelle Grenzgröße bezeichnet den schwächsten, gerade noch mit bloßem Auge sichtbaren Stern. Sie soll möglichst nahe am Beobachtungsobjekt bestimmt werden, deshalb reicht die Polarsequenz dafür nicht aus. Es wurden für jede Jahreszeit jeweils eine Zenit- und Horizontkarte erstellt. Wenn die Grenzgrößenbestimmung noch während der Adaptionsphase des Auges erfolgt (30–45min), so sollte gegebenenfalls erneut nachbestimmt werden. Zur einfachen Handhabung wurden die Sternhelligkeiten am Kartenrand nochmals aufgetragen. Bei dunstfreiem Himmel können die Zenitkarten bis zu 45° Zenitdistanz benutzt wer den. Die Extinktion beträgt dort etwa 0,1mag, was in etwa der Kartengenauigkeit entspricht. Es wurden dabei Sternhelligkeiten aus dem AAVSO Atlas und dem Sky Catalogue I (nur photoelektrische Messungen) eingetragen.

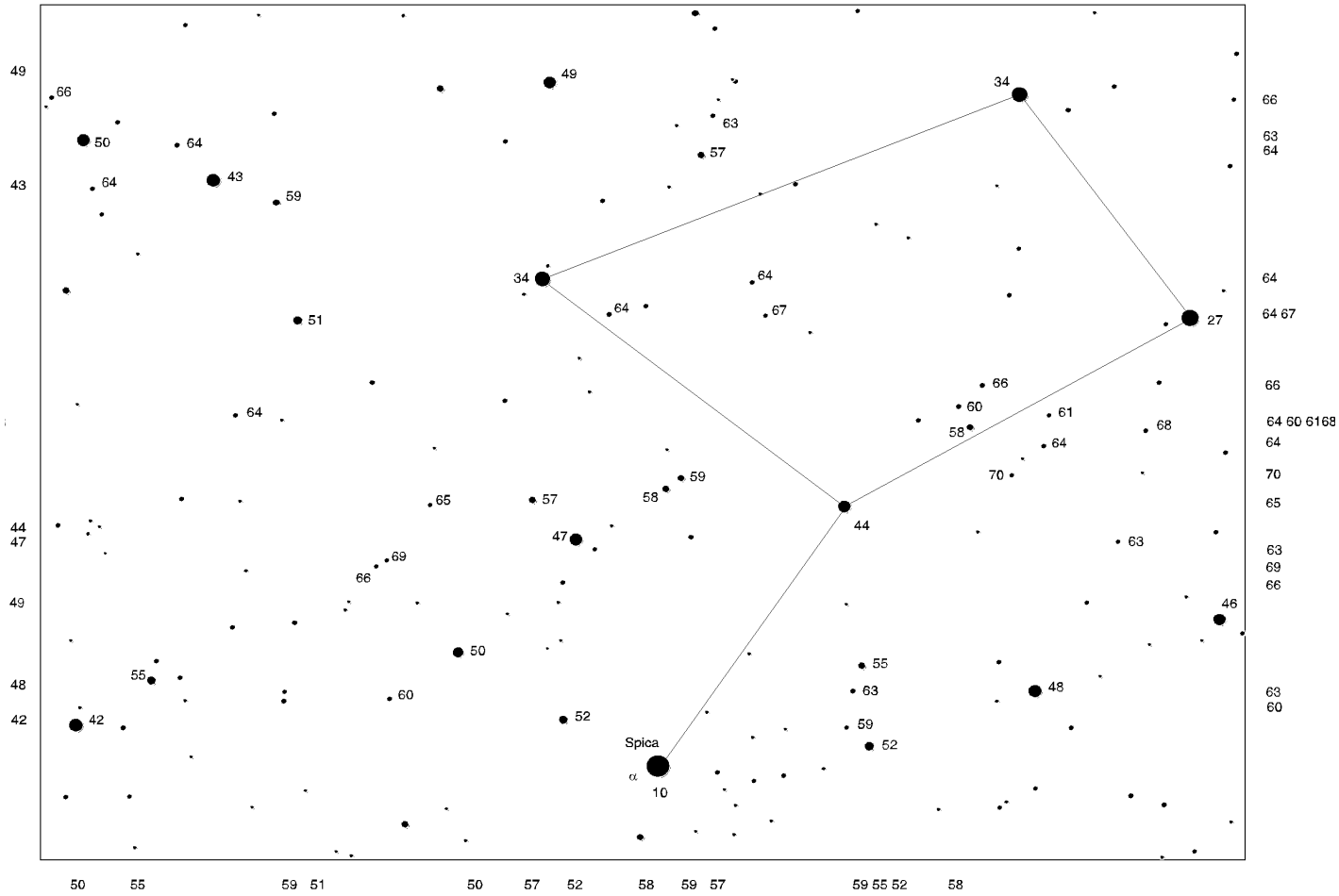
Vereinbarung:

Die in der Deep-Sky Liste angegebene Grenzgröße ist der schwächste Stern, der mit indirektem Sehen gerade noch gehalten werden kann. Er muß also über den Zeitraum von einigen Sekunden sichtbar sein! Ein kurzzeitiges Aufblitzen von schwächeren Sternen wird nicht berücksichtigt. Dies erscheint uns die derzeit praktikabelste Methode. Grenzgröße der Zenitkarten (1, 3, 5, 7) beträgt 8mag visuell. Die Grenzgröße der Horizontkarten (2, 4, 6, 8) beträgt 7mag visuell. Die Genauigkeit beträgt etwa 0,1mag.

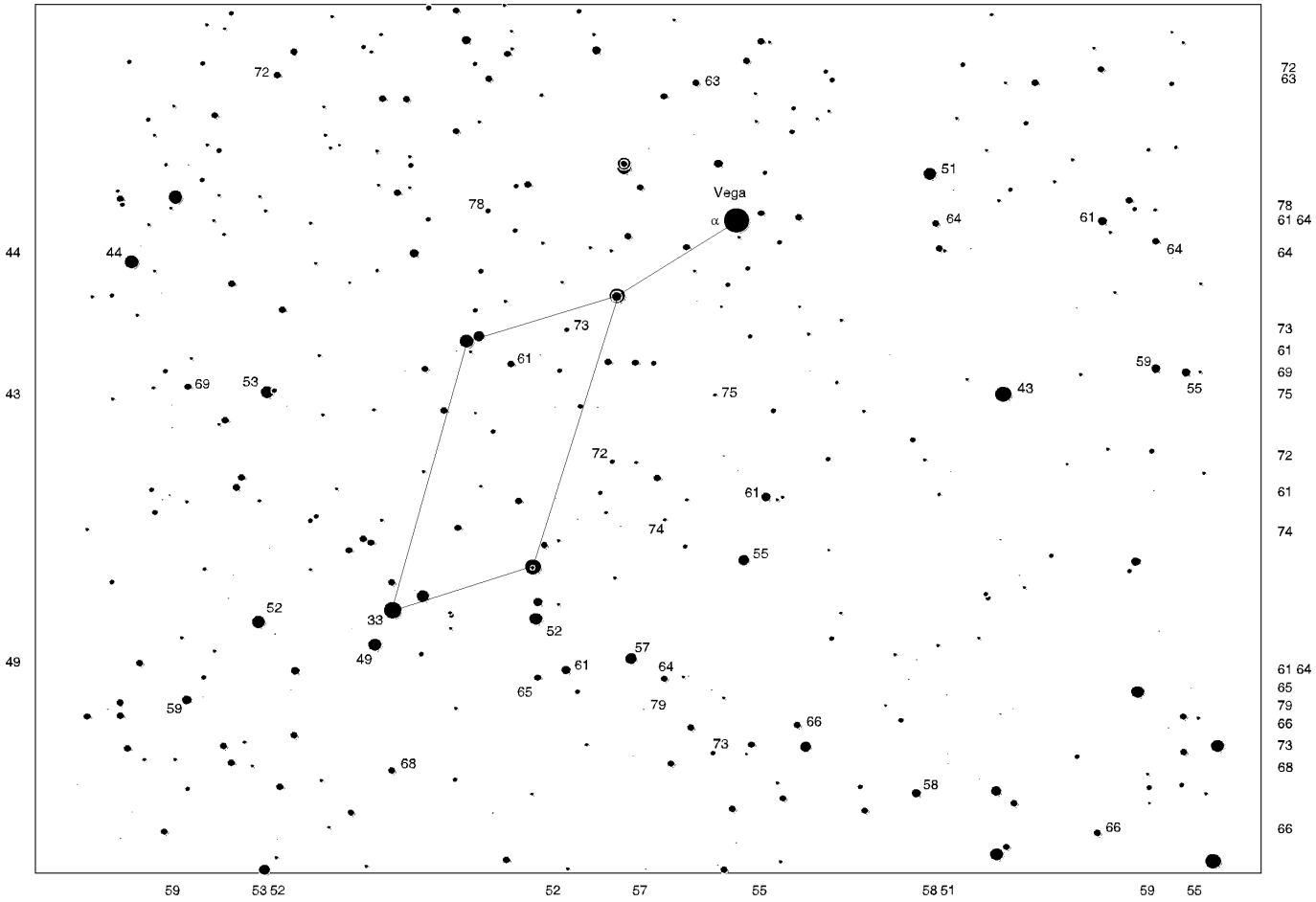
Grenzgrößenkarte 1 Ursa Major



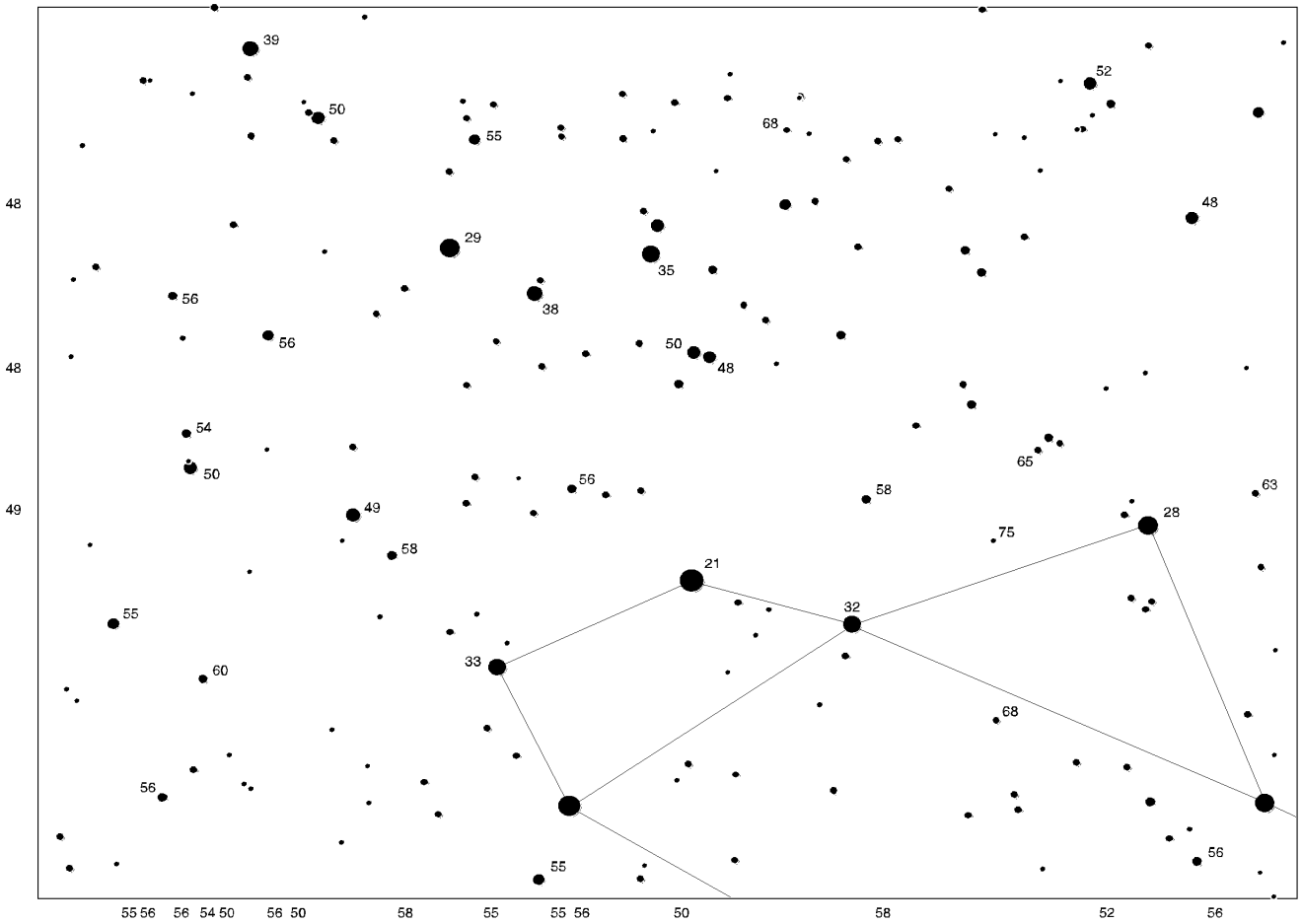
Grenzgrößenkarte 2 Virgo



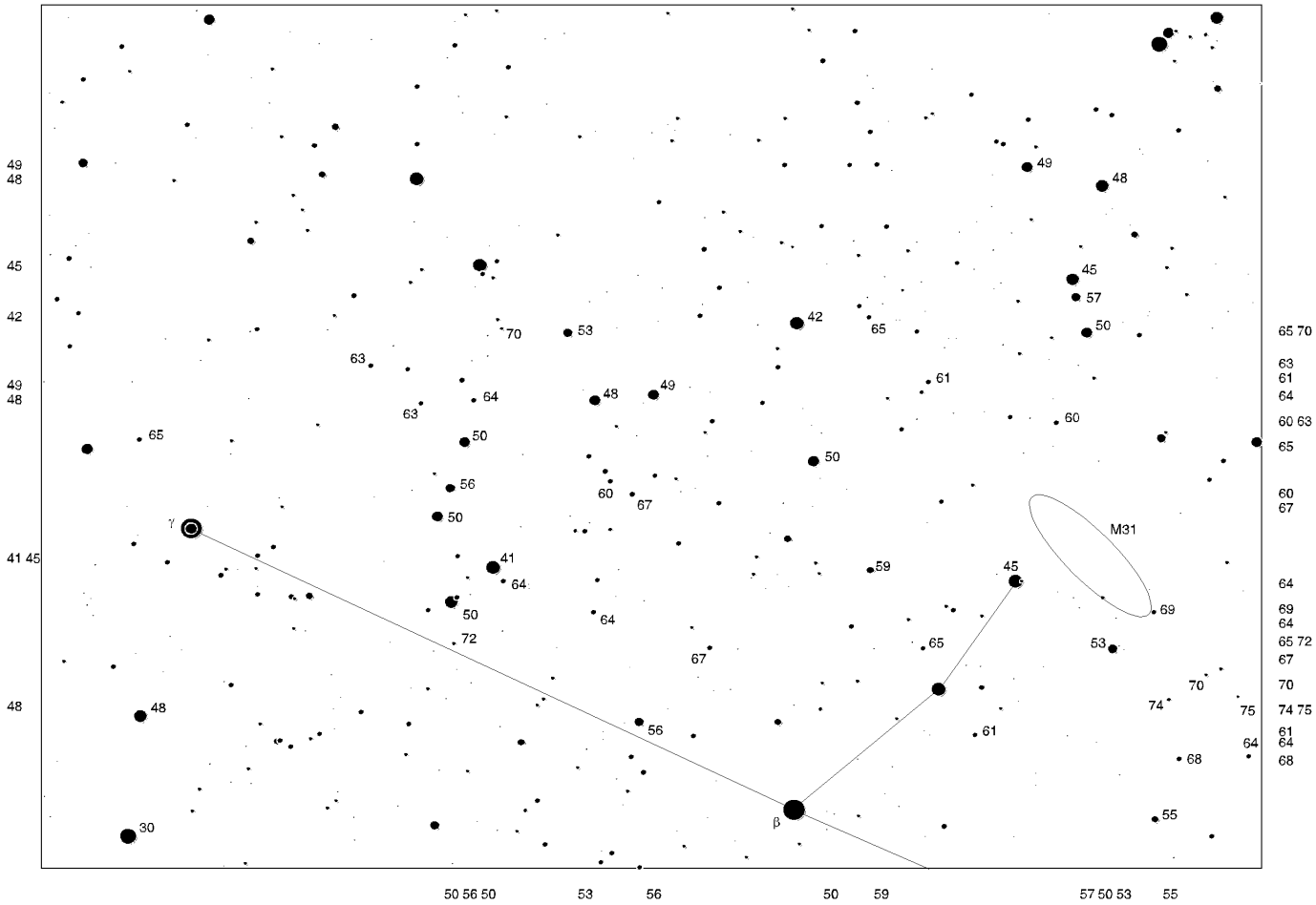
Grenzgrößenkarte 3 Lyra



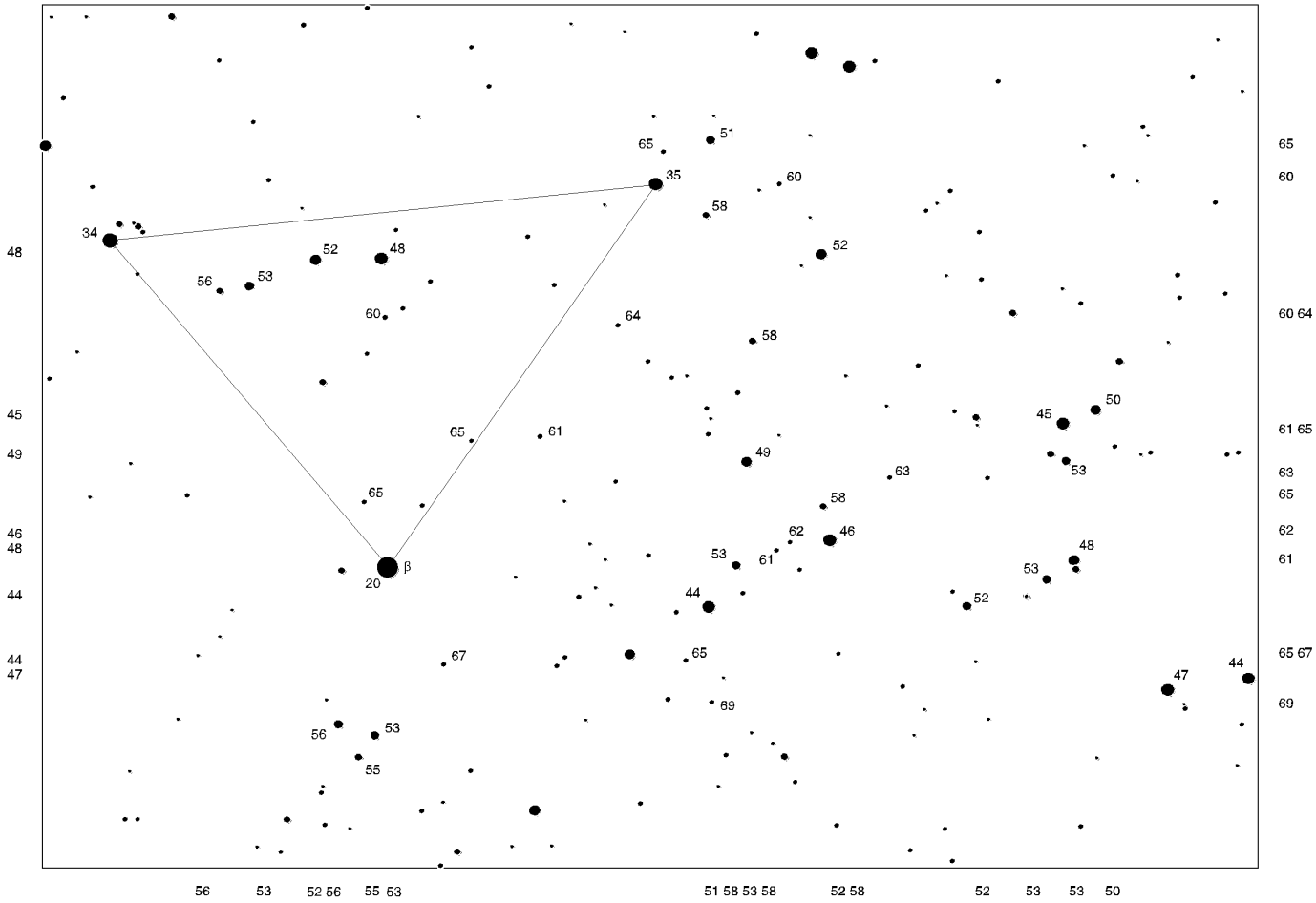
Grenzgrößenkarte 4 Sagittarius



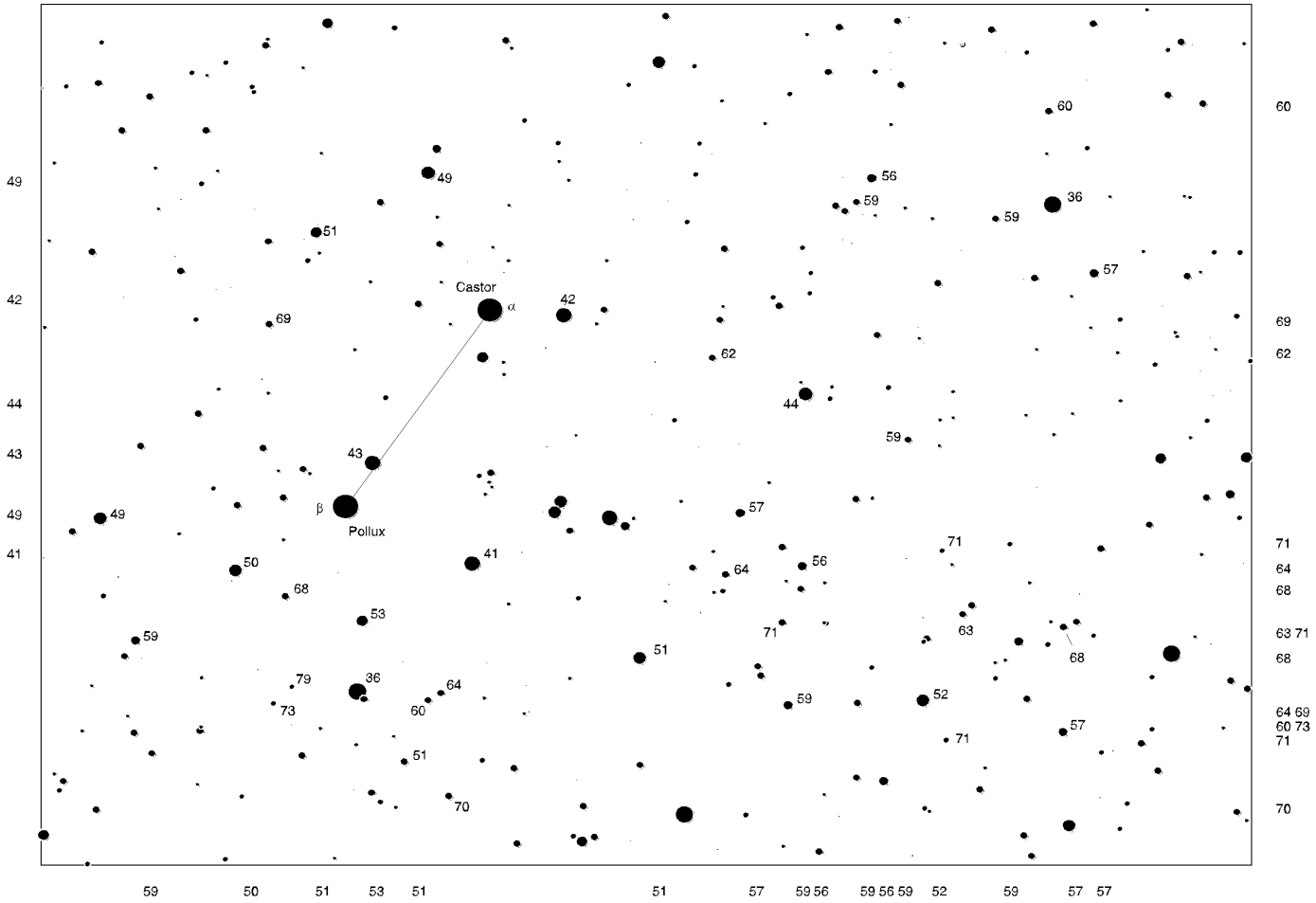
Grenzgrößenkarte 5 Andromeda



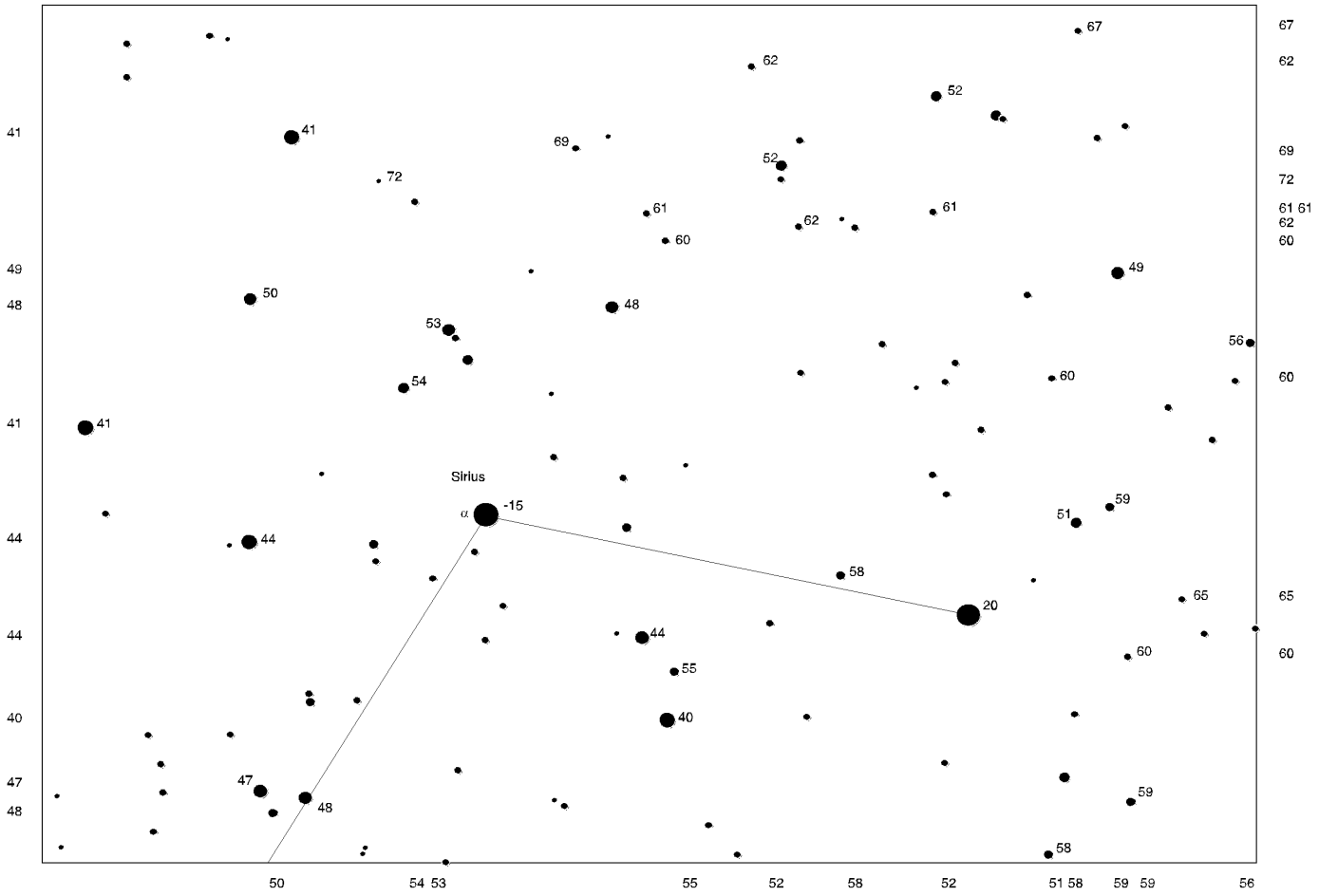
Grenzgrößenkarte 6 Cetus



Grenzgrößenkarte 7 Gemini



Grenzgrößenkarte 8 Canis Major



BEOBACHTERLISTE

Um Beobachter und Teleskope besser kennenzulernen – vor allem im Bezug auf Gesichtsfelder – folgt eine kleine Zusammenfassung der Beobachterdaten. Alle Längenangaben in Millimetern.

Dietmar Bannuscher (DB)
Bevorzugte DS-Objekte Offene Sternhaufen
Beobachtungsorte Herschbach/Hartenfels, Sessenbach, Mündersbach
Filter und Barlowlinsen UHC, OIII, Hß, hellgelb, orange, blau, 2-fach Barlow

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Tasco Newton	114	900	Dreibeinstativ
2	Astrocom Newton	254	1300	Dobson

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
35	Huygens	Tasco	25× / 75’		
30				43× / 60’	
25	Kellner	Celestron	36× / 60’	52× / 45’	
22	Kellner	Tasco	41× /55’		
18	SWA	Meade		72× / 45’	
15	Eudiascopic	Baader		86× / 30’	
12,5	Kellner	Tasco	72× / 28’		
9	Ortho	University		144× / 15’	
6	Kellner	Tasco	150× / 15’		
6	Ortho	University		216× / 12’	
5	Ortho	University		260× / 10’	
4	Ortho	University		325× / 8’	

Hannes Hase-Bergen (HB)
Bevorzugte DS-Objekte: PN
Beobachtungsorte: Bochum, Lillienthal, Sauerland
Filter und Barlowlinsen: OIII
Atlanten/Software: Guide 4.0, Sky V4

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Refraktor Lichtenknecker	125	1560	Äquatorial Wachter
2	Cassegrain	150	2250	Äquatorial Selbstbau
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1		7	50	keine

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	
35			45×	64×	
27			58×	83×	
16			98×	141×	
10,5			149×	214×	
5,2			300×	433×	
4,8			325×	469×	
40			39×	56×	
10			156×	225×	
9			173×		

Frank Berger (FB)
Bevorzugte DS-Objekte: OC, Gb, PN, Gx, DS
Beobachtungsorte: ländliche Gebiete westlich und nördlich von Dresden
Filter und Barlowlinsen: Barlow 2×, UHC
Atlanten/Software: The Sky v2.0

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	SCT Meade LX 200	250	2500	Gabel
2	SCT Celestron NexStar	125	1250	Gabel
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
	Zeiss Jena	10	50	Stativ

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	
40	Super Plössl	Meade	63× / 42’	31× / 85’	
32	Super Plössl	Meade	78× / 40’	39× / 80’	
26	Super Plössl	Meade	96× / 33’	48× / 65’	
25	Plössl	Celestron	100× / 31’	50× / 62’	
20	Super Plössl	Meade	125× / 25’	63× / 50’	
17	Plössl	Celestron	147× / 21’	74× / 42’	
15	Super Plössl	Meade	167× / 19’	83× / 38’	
12,4	Super Plössl	Meade	202× / 15’	101× / 31’	
9,7	Super Plössl	Meade	258× / 12’	129× / 24’	
6,4	Super Plössl	Meade	391× / 8’	195× / 16’	

Henrik Buhlmann (BU)
Bevorzugte DS-Objekte: keine
Beobachtungsorte: Wennigsen
Filter und Barlowlinsen: Barlow 2×, Baader Skyglow
Atlanten/Software: Redshift 3

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Refraktor	127	820	Selbstbau
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1		
40			21× / 123’		
7-21			39×–117×		
9			91× / 33’		

Matthias Bugl (MB)
Bevorzugte DS-Objekte: Gx, Pn
Beobachtungsorte: Schambach
Filter und Barlowlinsen: Barlow 4×
Atlanten/Software: Millenium Star Atlas

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Newton TAL2M	150	1200	Äquatorial

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1		
42	Kellner	TAL	28× / 72’		
25	Plössl	TAL	48× / 70’		
15	Kellner	TAL	80× / 37’		
9	Plössl		130× /		

Frank Döpper (FD)
Bevorzugte DS-Objekte: Gx, Pn, Gb, Oc
Beobachtungsorte: Sauerland
Filter und Barlowlinsen: UHC, OIII, Hß

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Celestron C11	280	2800	Losmandy G11
2	Tele Vue Pronto	70	480	Video Holzstativ
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Celestron Gigant	15	80	Fotostativ

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	
35	Panoptik	Tele Vue	80× / 51’	13,7× / 5,0°	
30	Ultima	Celestron	93× / 32’	16× / 3,3°	
20	Nagler	TeleVue	140× / 39’	24,0× / 3,4°	
14	UWA	Meade	200× /25 ‘	34,4× / 2,5°	
8,8	UWA	Meade	318× / 16’	54,5× / 1,5°	
4,8	Nagler	Tele Vue	583× / 8,4’	100× / 50’	

Winfried Dumann (WD)
Bevorzugte DS-Objekte: Offene Sternhaufen, Galaxien, Kugelsternhaufen
Beobachtungsorte: Feldweg
Filter und Barlowlinsen: UHC

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Bresser Uranus	102	1000	BSP
2	Vixen Multi 80S	80	400	Heer Stativ
3	Eschenbach Novalus	60	415	Fotostativ
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Baader	15	80	Heer Stativ
2	Dörr Vistalux	7	50	

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
32	Plössl	Meade	31× / 1,6°	12,5	13
25	Kellner	Vixen	40× / 95’	16	16
23	Huygens	Tasco	44× /79’	17	18
20	Kellner	Vixen	50× /76’	20	21
15	Plössl	Meade	66× / 78’	26	27
12,5	HM	Vixen	80× /43’	32	33
10	Plössl	Vixen	100× / 50’	40	41
7,5	Plössl	Vixen	133× / 37’	53	55
5	Ortho	Vixen	200× /17’	80	83
4,7	UWA	Meade	213× / 39’	85	88

Thomas Engl (TE)
Bevorzugte DS-Objekte: planetarische Nebel
Beobachtungsorte: Mittel- und Hochgebirge
Filter und Barlowlinsen: UHC , OIII
Atlanten/Software: Atlas Galaktischer Nebel, Guide 8.0

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Meade LX50 SCT	254	3000	Gabel

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
56	Plössl 2"	Meade	54× / 56’		
41	König 2”		73× / 37’		
40	TS Plössl		75× / 34’		
32	Plössl	Tele Vue	94× / 32’		
25	Plössl	Zeiss	120× / 25’		
21	XL	Pentax	143× / 27’		
18	LE- Plössl	Takahashi	167× / 19’		
14	XL	Pentax	219× / 18’		
10,5	XL	Pentax	286× / 14’		
7,5	LE- Plössl	Takahashi	400× / 8’		

Peter Enskonatus (PE)
Bevorzugte DS-Objekte: Sternhaufen, Galaxien, planetarische Nebel
Beobachtungsorte: Berlin
Filter und Barlowlinsen: UHC 2× Apo. Barlowlinse
Atlanten/Software: Uranometria 2000, Guide 5.0, Xephem 3.0

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Celestron SCT	200	2000	GP
2	Zeiss Refraktor	80	1200	Ib
3	Russ. Maksutov	100	1000	Fotostativ
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Zeiss	10	50	

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
40	Huygens	Zeiss	50× / 50’	30× / 83’	25× / 100’
40	Plössl	Meade	50× / 47’	46× / 10’	39× / 75’
26	Plössel	Celestron	78× / 37’	46× /1°	39× / 75’
25	Ortho	Zeiss	80× / 30’	48× /50’	40× /60’
18	SW	Meade	110× / 39’	67× / 55’	55× / 68’
16	Ortho	Zeiss	125× / 20’	75× / 32’	63× /40’
10	Ortho	Zeiss	200× / 12’	120× / 20’	100×/ 24’
6	Ortho	Zeiss	333× / 8’	200× / 12’	167× /16’

Christian Fuchs (CF)
Bevorzugte DS-Objekte: Planetarische Nebel
Beobachtungsorte:
Filter und Barlowlinsen: UHC, 2" Barlowlinse

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Lomo Newton	500	2500	Dobson
2	Newton	400	2400	Liebscher Montierung

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
3,8	Ultrascopic	Orion	658× / 4′	631× / 4′	
4,8	Nagler	TeleVue	520× / 9′	500× / 10′	
10	Eudiascopic	Baader	250× / 11′	240× / 11′	
16	Nagler	TeleVue	156× / 31′	150× / 33′	
17	Plössl	Vixen	147× / 18′	141× / 19′	
25	Eudiascopic	Baader	100× /27′	96× /28′	
35	Eudiascopic	Baader	71× / 38′	68× / 40′	
35	Panoptic	TeleVue	71× / 57′	68× / 60′	

Gabor Großmann (GG)
Bevorzugte DS-Objekte: Offene Sternhaufen
Beobachtungsorte: Nünchritz, Dürröhrsdorf

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Revue katadiopisch	114	1000	parallaktisch
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Bresser „Zoom"	7-35	50	

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
20			50×		
10			100×		
5			200×		

Peter Haberberger (PH)

Filter und Barlowlinsen: UHC, Baader Kontrast Booster, 2" Celestron Ultima Barlowlinse

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	BW Semi-Apo	100	600	
2	Maksutov MK65	150	1500	
3	Newton Guan Sheng	304	1524	Dobson
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
30	5-Element		20×/ 4°		51×/ 1,57°
35	Eudiaskopisch	Baader	17×/ 2,8°	43×/ 1,12°	44×/ 1,1°
20	Widescan		30×/ 2,77°	75×/ 1,11°	76×/ 1,09°
15	Panoptik	TeleVue	40×/ 1,75°	100×/ 0,7°	102×/ 0,69°
12,5	Plössl	Celestron	48×/ 1,04°	120×/ 0,42°	122×/ 0,41°
10	Eudiaskopisch	Baader	60×/ 0,83°	150×/ 0,33°	152×/ 0,33°
7,5	Eudiaskopisch	Baader	80×/0,63°	200×/ 0,25°	203×/ 0,25°

Kay Hempel (KH)
Bevorzugte DS-Objekte: OC, Gb, Gx
Beobachtungsorte: Tharandt (bei Dresden/ 5,5-6,0^m), Neu Schadow (Spreewald/6-6,5^m)
Atlanten/Software: Atlas für Himmelsbeobachter, Uranometria 2000 (1.Auflage), NSOG, Deep-Sky-Reiseführer, Touring the Universe through Binoculars

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	ICS Newton Galaxy D8	200	1200	Dobson
2	Newton	76	700	"Lidl-Montierung"
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	CZJ Deltrintem	8	30	Stativ, Schulterstütze
2	CZJ Jenoptem	10	50	Stativ, Schulterstütze
3	Orion Megaview	20	80	Stativ, Schulterstütze

Günter Igel (GI)
Bevorzugte DS-Objekte: keine
Beobachtungsorte: Balkon

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Meade Explorer 395	90	1010	Meade
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Fujinon	16	70	Foto u. Schulterstativ
2	Kaufhaus	8	35	Foto u. Schulterstativ

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1		
40 mm	Plössl	Meade	25× / 1°46’		
25 mm	MA	Meade	40× / 1°		
9,5 mm	Plössl	Meade	105× / 29’		
6,4 mm	Super Plössl	Meade	156× / 20’		
4,7 mm	UWA	Meade	213× / 24’		

Thomas Jäger (TJ)
Bevorzugte DS-Objekte: Galaxien
Beobachtungsorte: Kreben, Wettersberg
Filter und Barlowlinsen: O-III, Hß, Orion Ultra Block

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Eigenbau Newton	317	1600	Dobson + Nachführ Plattform
2	Eigenbau Newton	150	750	SP
3	Vixen 90M	90	1000	SP
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Vixen	10	70	

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
32	SW	Meade	50× / 1,3°	32× / 2,7°	
30	Ultima	Celestron	53× / 55’	25× / 2°	33× /1,5°
16	Widescan	Unitron			
8,8	UWA	Meade	182× / 28’	85× / 1°	114× / 44’
7	Nagler	TeleVue	230× / 21’	107× / 46’	143× / 34’

Stathis Kafalis (SK)
Bevorzugte DS-Objekte: Große PNs, Gx, GN
Beobachtungsorte: B-Brandenburg, Voralpen, Griechenland...
Filter und Barlowlinsen: UHC, OIII, 1,8x Barlow
Atlanten/Software: Uranometria, The Sky, DSS

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Newton Selbstbau	155	883	Reise-Dobson
2	Newton Selbstbau	255	1388	(Reise) Dobson
3	Newton Selbstbau	440	1998	Dobson
4	Newton Selbstbau	609	2518	Dobson

Okularbrennw.	Typ	Herst.	Vergrößerung und wahres Gesichtsfeld an			
			Teleskop 1	Teleskop 2	Teleskop 3	Teleskop 4
32	Wide Field	Tele Vue		43×/84’	62×/60’	78×/47’
24	Wide Field	Tele Vue	37×/100’	58×/62’	83×/44’	105×/36’
15	Panoptic	Tele Vue	59×/66’	93×/43’	133×/29’	168×/23’
9	Nagler	Tele Vue		154×/30’	220×/21’	280×/16’
7	Nagler	Tele Vue	126×/37’	200×/23’	285×/16’	360×/13’
4,8	Nagler	Tele Vue	185×/25’	290×/16’	415×/11’	525×/9’

Dieter Kremb (DK)
Bevorzugte DS-Objekte: OC, Nb, PN
Beobachtungsorte: Rheintal westl. Karlsruhe, Nordschwarzwald
Filter und Barlowlinsen: UHC, DS, blau, 2× Barlowlinse
Atlanten/Software: Uranometria 2000, Guide 5.0

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Celestron C8	200	2000	GP
2	Meade 2080 f6,3	200	1300	Gabel
3	Revue	114	1000	Parallaktisch
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Tento	20	60	Fotostativ
2	Leitz	7	50	

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
30	Ultima	Celestron	67×		
26	S-Plössl	Meade	77× / 0,68°	50× / 1,04°	
17	Plössl	Pro Optik	118×	76×	
13,8	SWA	Meade	145× / 0,46°	94× / 0,71°	
8,8	UWA	Meade	227× / 0,37°	148× / 0,57°	
40	Kellner	Vehrenberg			25×
18	Kellner	Eigenbau			56×
12	Erfle	Pieper			83×
9	Huygens	Bresser			111×
6	Ortho	Bresser		217×	167×

Gerd Kohler (GK)
Bevorzugte DS-Objekte: keine
Beobachtungsorte: Kreben, Kräft, Sölden
Filter und Barlowlinsen: O-III, H-ß, UHC, DS, SB
Atlanten/Software: Uranometria 2000, Eye&Telescope, Megastar

Nr.	Teleskop:	Öffnung	Brennweite	Montierung, Sonstiges
1	Vixen R200 SS	200	800	Vixen GP DX+ Skysensor /Notebook
2	Vixen R150S	150	750	Vixen SP + Skysensor
3	Celestron Refraktor	80	910	Vixen GP DX+ Skysensor /Notebook

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
	lt Hersteller		Teleskop 2	Teleskop 2	Teleskop 3
40	Super Plössl	Meade	20× /2,20°	19× /2,35°	23× / 1,93°
32	Super Plössl	Meade	25× / 2,08°	23× / 2,21°	28× / 1,82°
24,5	SWA	Meade	33× / 2,03°	30× / 2,18°	37× / 1,8°
18	SWA	Meade	44× / 1,52°	42× / 1,61°	50× / 1,32°
14	UWA	Meade	57× / 1,47°	53× / 1,57°	65× / 1,29°
8,8	UWA	Meade	91× / 0,92°	85× / 0,98°	103× / 0,81°
6,7	UWA	Meade	119× / 0,70°	112× / 0,75°	136× / 0,61°
4,7	UWA	Meade	170× / 0,49°	160× / 0,52°	194× / 0,43°
4	LV	Vixen	200× / 0,22°	187× / 0,24°	227× / 0,19°
3,5	LV W	Vixen	228× / 0,28°	214× / 0,30°	227× / 0,25°

Jürgen Lamprecht (JL)
Bevorzugte DS-Objekte: OC, Gb, Gx
Beobachtungsorte: Nürnberg Nord, Kreben
Filter und Barlowlinsen:

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Meade 2080	200	2000	Gabel
2	Eigenbau Newton (teilw. abgeblendet)	200	1200	SP-DX

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
32	Erfle		64× / 45’	37× / 75’	
20	Plössl		100× / 34’	60× / 60’	
13	Paralux	Astrocom		92× / 52’	
7,4	Plössl	TeleVue		160× / 17’	

Hans Lippmann (HL)
Bevorzugte DS-Objekte: OC, PN, Nb
Beobachtungsorte: Breitenbrunn / Erzgeb.
Filter und Barlowlinsen: Meade #908B; #908N; #23A; #80A

Nr.	Teleskop:	Öffnung	Brennweite	Montierung, Sonstiges
1	Meade LX200	203	2000	Galbel

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1		
40 mm	SWA	Meade	50× 76’		
26 mm	SWA	Meade	77× / 38’		
12,4 mm	Fadenkreuz	Meade	161× / 18’		
9,7mm	SWA	Meade	206× / 14’		

Andreas Masche (AM)
Bevorzugte DS-Objekte: keine
Beobachtungsorte: Freiburg im Breisgau, Schauinsland.
Filter und Barlowlinsen: Binokularansatz, UHC, OIII
Atlanten/Software: Uranometria, The Sky V4

Nr.	Teleskop	Öffnung in mm	Brennweite in mm	Montierung, Sonstiges
1	Celestron 90	90	1000	Fotostativ oder GP
2	Celestron 8	200	2000	GP
3	Celestron 11	280	2800	Gabel
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Leica	10	50	Fotostativ oder Frei

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
40	Erfle	Baader		50	70
25	Erfle	Baader		80	112
35	Eudiaskopisch	Baader	29	58	80
15	LV	Baader	67	135	187
10	LV	Baader	100	200	280
7	LV	Baader	143	290	400

Gerhard Merz (GM)
Bevorzugte DS-Objekte:
Beobachtungsorte: im Garten
Filter und Barlowlinsen:

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Eigenbau Newton Lichtenknecker	300	1800	Dobson mit Sky-Commander
2	Rubinar „Russentonne“	100	1000	Kosmos Orion 3 (alt)
3	Maksutov „Russentonne“	100	1000	einarmige Gabel
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Baader	15	80	Orion3, Filmstativ
2	Russe	12	40	Filmstativ, Hand

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
40	Super Plössl	Meade	45×		
26	Super Plössel	Meade		38×	38×
9,7	Super Plössl	Meade		103×	103×
32	SWA	Meade	56×		
18	SWA	Meade	100×		
13,8	SWA	Meade	130×		
8,8	UWA	Meade	205×		
6,7	UWA	Meade	269×		
40	WW	Meade (alt)		25×	25×
12,4	Erfle	Meade (alt)		81×	81×

Jörg Meyer (JM)

Beobachtungsorte: Glienicke/Nordbahn, Balkon (4m5-5m5), Schorfheide, Baruth, Gr. Schulzendorf-Weinberg, La Palma

Filter und Barlowlinsen: TeleVue Big Barlow 2x, Lumicon UHC und OIII, Neodymium

Atlanten/Software: Uranometria 2000, Karkoschka, Guide 8.0, Bright Star Atlas 2000

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Astroscan Newton	105	440	Dobson
2	Galaxy Newton D10-P2	254	1270	Dobson
3	Celestron SCT C5 +	127	1270	Gabel, parallaktisch
4	Celestron SCT C11	280	2800	Gabel, parallaktisch
5	TS Maksutov	102	1400	GoTo Montierung
6	Celestron SLT Newton	130	650	GoTo Montierung
7	Skywatcher Maksutov	127	1540	GoTo Montierung

Nr.	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Vixen	20	80	
2	TS	25	100	
3	Leica BA	12	50	
4	Leica BA	10	42	
5	Carl Zeiss Jena Dekarem	10	50	
6	Spektiv	15	50	

Okularbrennweite	Typ	Hersteller	Vergrösserung und wahres Gesichtfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
28	RKE-Plössl	Edm.Scientific	16x/180'		
15	Eudiascopic (50°)	Baader	29x/102'		
6	TS-Super (66°)	TS	73x/54'	212x/19'	
9	TS-Super (66°)	TS			
32	Plössl	GSO	14x/217'	40x/76'	
30	Ultima (50°)	Celestron	15x/202'	42x/71'	42x/71'
7	Nagler Typ6 (82°)	TeleVue	63x/78'	181x/27'	181x/27'
4,8	Nagler Typ1 (82°)	TeleVue	92x/54'	265x/19'	
3,5	Nagler Typ6 (82°)	TeleVue	127x/39'	363x/14'	363x/14'
13	Nagler Typ6 (82°)	TeleVue	34x/146'	98x/50'	98x/50'
9	Nagler Typ6 (82°)	TeleVue		139x/35'	141x/35'
5	Nagler Typ6 (82°)	TeleVue	89x/55'	254x/19'	254x/19'
40	E-Lux (43°)	Celestron		32x/81'	32x/81'
25	E-Lux (50°)	Celestron		51x/59'	51x/59'
32	Plössl	TeleVue		40x/76'	40x/76'

Thomas Meyer (TM)

Bevorzugte DS-Objekte: Gx, Gb, OC, Nb

Beobachtungsorte: Beobachtungsstation Wendhausen

Filter und Barlowlinsen: UHC, DS, Rich-Field Linse

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Vixen R-114 S	114	900	New Polaris

Nr.	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Universa Royal	8	30	

Okularbrennweite	Typ	Hersteller	Vergrösserung und wahres Gesichtfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
25	Ortho		36x/1,15°		
7,5	Plössl		120x/0,23°		

Cord Naujokat (CN)
Bevorzugte DS-Objekte: keine
Beobachtungsorte: Neckarsteinach, Odenwald
Filter und Barlowlinsen: Binokularansatz, UHC, OIII
Atlanten/Software: Sky-Atlas2000, Guide5.0, Karkoschka

Nr.	Teleskop	Öffnung in mm	Brennweite in mm	Montierung, Sonstiges
1	MEad ED Apo	152	1370	EQ-6
2	Celestron 8	203	2030	Gabel
3	Petzval Semi-Apo	75	300	auf C8
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
40	Kellner	Celestron	34	50	7,5
25	Ortho	Kasai	55	81	12
20	Plössl	Tele Vue	69	102	15
18	Ortho	Baader	76	113	17
15	Plössl	Celestron	91	135	20
12,5	Ortho	Baader	110	162	24
9	Ortho	Baader	152	226	33
7	Ortho	Baader	196	290	43
5	Ortho	Baader	274	406	60
4	Plössl	meade	343		75

Dirk Panczyk (PA)
Bevorzugte DS-Objekte:
Beobachtungsorte: Sauerland (300-700 m ü.NN)
Filter und Barlowlinsen: DS, UHC, OIII, Hß, Meade 2× Barlowlinse
Atlanten/Software: Uranometria, The Sky V4, Sky Atlas, NSOG, Hallo Northern Sky, Eye&Telescope

Nr.	Teleskop:	Öffnung	Brennweite	Montierung, Sonstiges
1	Coulter ODYSSEY I Newton, Doppelsterne mit 127mm Blende	333	1500	Dobson
2	Vixen Refraktor	60	420	Azimutal
3	Selbstbau-Newton	210	1365	Dobson
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Revue	10	50	Fotostativ
2	ESDE-Optik	15	80	Fotostativ

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
40	Plössl	Bresser		11× / 251’	34× / 77’
30	Eudiascopic	Baader	50× / 60’	14× / 220’	46× / 66'
15	Plössl	Vixen	100× / 30’	28× / 114’	91× / 33'
10,5	SMC XL	Pentax	143× / 27’	40× / 98’	130×/30’
10	Plössl	Vixen	150× / 20’	42× / 74’	137× / 22'
7,4	Plössl	TeleVue	203× / 15’	57× / 53’	185× / 16'
5	Plössl	Vixen	300× / 10’	84× / 37’	273× / 11'

Uwe Pilz (PI)
Bevorzugte DS-Objekte: OC, Gb, Gx, DS
Beobachtungsorte: Leipzig, Dolgenbrodt
Filter und Barlowlinsen:

Nr.	Teleskop	Öffnung in mm	Brennweite in mm	Montierung, Sonstiges
1	Intes MK 65 Mak.	150	1500	Gabel, RA-Drive
2	Zeiss Jena Telementor	63	840	parallaktisch
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1		20	80	Fototstativ
2	Zeiss Jena	10	50	Fototstativ

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
30	Kellner	Intes	50× / 1°		
25	Huygens	Zeiss	60× / 46’	34× / 82’	
16	Ortho	Zeiss	94× / 31’	53× / 56’	
10	Ortho	Zeiss	150× / 22’	84× / 34’	
10	Paralux	Astrocom	150× / 34’		
6	Ortho	Zeiss	250× / 11’	140× / 19’	

Dieter Putz (DP)
Bevorzugte DS-Objekte: Galaxien, Planetarische Nebel
Beobachtungsorte: Wettersberg, Schnaittenbach
Filter und Barlowlinsen: UHC, OIII, Hß
Atlanten/Software: Sky Atlas 2000, Uranometria 2000, The Sky V4.0, Megastar V4

Nr.	Teleskop:	Öffnung	Brennweite	Montierung, Sonstiges
1	Eigenbau Newton	200	900	Eigenbau Montierung
2	Eigenbau Newton	400	2000	Dobson
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1		8	50	

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	
32	Plössl	Meade	28×	63×	
24,5	SWA	Meade	36×	82×	
8,8	UWA	Meade	102×	227×	
4,7	UWA	Meade	192×	425×	

Thomas Reichel (TR)
Bevorzugte DS-Objekte: Doppelsterne, Sternhaufen
Beobachtungsorte: Umgebung von Bockau
Filter und Barlowlinsen: 3× Barlow

Nr.	Teleskop	Öffnung in mm	Brennweite in mm	Montierung, Sonstiges
1	Refraktor	60	900	azimutal
2	Newton	153	1300	parallaktisch
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Bresser	8-24	50	

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
25			36×	52× / 47’	
12,5			72×	104×	
12			75×	108× / 33’	
6			150×	216× / 12’	

Martin Schoenball (SB)
Bevorzugte DS-Objekte: Gx(-Haufen), PN
Beobachtungsorte: Bannewitz (5,2^m), Reichstädt (6,2^m)
Filter und Barlowlinsen: OIII, Polfilter, 3× Barlowlinse
Atlanten/Software: Uranometria, Cartes du ciel

Nr.	Teleskop:	Öffnung	Brennweite	Montierung, Sonstiges
1	GSO	250	1250	Dobson
2	Bresser Pluto	114	500	EQ-1
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Kronos	20	60	Selbstbau Fotostativ

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	
32	Plössl	Skywatcher	39× / 1,33°		
25	Plössl	Pro-Optic	50× / 60’	20× / 2,5°	
17	Plössl	Skywatcher	74× / 42’		
12,5	Plössl	Skywatcher	100× / 30’		
19	WA	Intes	66× / 60’		
9	SW	Skywatcher	139× / 28’		
35	Erfle		36× / 2°		
20	Huygens	Bresser		25× / 1°	
8	Huygens	Bresser		63× / 30’	

Dieter Schubert (DS)
Bevorzugte DS-Objekte: PN, OC
Beobachtungsorte: Privatsternwarte Urbach, Welzheim-Langenberg
Filter und Barlowlinsen: Reducer f/6.3
Atlanten/Software: Sky-Atlas 2000, Guide 8, Karkoschka, Uranometria

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Celestron 8	203	2030	Deutsche Montierung
2	Vixen 102 M Refraktor	102	1000	Deutsche Montierung
3	Bresser Refraktor	60	900	auf Teleskop 1 und 2
4	Meade, SCT LX200 GPS	254	2500	Gabel, Autostar
5	Celestron Refraktor	150	1200	EQ-6
6	Celestron Refraktor	80	900	Leitrohr auf CR-150

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
30	Ultima	Celestron	60× / 44’	33× / 89’	30× / 99’
20	Eudiascopc	Baader	102×	50×	45×
10	Eudiascopc	Baader	203×	100×	90×
6	LV	Vixen	338× / 8’	167× / 16’	150× / 18’
			Teleskop 4	Teleskop 5	Teleskop 6
40	Super Plössl	GSO	63×	-	-
25	Plössl	Meade	100×	48×	36×
20	Eudiascope	Baader	125×	60×	45×
15	Eudiascope	Baader	167×	80×	60×
12,4	Super Plössl	Meade	202×	97×	73×
10	Eudiascopic	Baader	250×	120×	90×
6	LV	Vixen	417×	200×	150×

Axel Trettin (AT)
Bevorzugte DS-Objekte: DS, OC,Gx
Beobachtungsorte: Greifenstein-Allendorf, Solms (Volkssternwarte)
Filter und Barlowlinsen: UHC
Atlanten/Software: Sky-Atlas 2000

Nr.	Teleskop:	Öffnung	Brennweite	Montierung, Sonstiges
1	APO-Refraktor Pentax 7550HF	75	500	Baader BP60
2	Newton-Reflektor Sternwarte Solms	400	2000	Paralaktisch Eigenbau
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Steiner Serator	15	80	Baader BP60

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	
35	Eudiaskopisch	Baader	14× / 3,3°	57× / 1,2°	
20	LV	Vixen	25× / 2°	100× / 0,5°	
10	LV	Vixen	50× / 1°	200× / 0,25°	
5	LV	Vixen	100× / 0,4°	400× / 0,1°	

Hans-Fr. Trögeler (HT)
Bevorzugte DS-Objekte: Gx, Gb, OC, DN, Nb, PN
Beobachtungsorte: Hemkenrode/Elm (Bortle 6), Torfhaus/Harz (Bortle 4)
Filter und Barlowlinsen: UHC; OIII; 2xBarlow von Meade
Atlanten/Software: Sky Atlas; Uranometria; Guide 7; NSOG

Nr.	Teleskop:	Öffnung	Brennweite	Montierung, Sonstiges
1	Eigenbau Newton	300	1503	Gitterrohrdobson
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Fujinon	16	70	

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1		
10,5	XL	Pentax	143×/ 27'		
16	Nagler	Tele Vue	94×/52'		
21	XL	Pentax	75×/48'		

Roland Vossebrecker (RV)
Bevorzugte DS-Objekte:
Beobachtungsorte: Bensberg, Hohe Bracht (Sauerland)
Filter und Barlowlinsen: LPR, OIII
Atlanten/Software: Uranometria 2000 (3er Set)

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	GAT Newton	254	1422	Dobson

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1		
40	Pro Optic Plössl		35×		
20	Pro Optic Plössl		70×		
10	Pro Optic Plössl		140×		
5	Pro Optic Plössl		280×		

Markus Weber (MW)
Bevorzugte DS-Objekte: Galaxien, Planetarische Nebel
Beobachtungsorte: Korlingen
Filter und Barlowlinsen: 3× Barlowlinse, Shapley-Line, Deep-Sky-Filter
Atlanten/Software: Atlas Stellarum, Guide 5.0

Nr.	Teleskop:	Öffnung	Brennweite	Montierung, Sonstiges
1	Selbstbau Cassegrain	300	3600	Gabel
2	Vixen Refraktor	80	910	Leitrohr
	Feldstecher:	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Docter Nobilem	10	50	Fotostativ

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	
40	2" Erfle Wf	Baader	90× / 42′		
32	2" Tele Vue	Tele Vue	113× / 31′		
26	Super Plössl	Meade	138× / 20′	35× / 82′	
25	Wide Erfle	Baader	144× / 27′		
19	Wide Field	Tele Vue	190× / 18′	48× / 75′	
16,8	Eudi. Green III	Baader	214× / 18′	54× / 75′	
13	Wide Scan	AstroMechanik	277× / 17	70× / 71′	
10	Eudiascopic	Baader	360× / 7′	91× / 30′	
7,5	Eudiascopic	Baader	480× / 6′	121× / 24′	

Klaus Wenzel (WK)
Bevorzugte DS-Objekte: Galaxien, planetarische Nebel
Beobachtungsorte: Wenigumstadt (Odenwald)
Filter und Barlowlinsen: O-III, LPR

Nr.	Teleskop:	Öffnung	Brennweite	Montierung, Sonstiges
1	GAT Newton	317	1500	Dobson
2	Meade Newton	200	1200	parallaktisch
3	Wachter Newton	150	900	parallaktisch, Dobson

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
25	Kellner		60×	48×	36×
20	Weitwinkel		75×	60×	45×
16	Weitwinkel		93×	75×	56×
9	Kellner		167×	135×	100×
7	Plössl		214×	171×	128×
4,8	Nagler		312×	250×	187×

Markus Wischnewski (WN)
Bevorzugte DS-Objekte: keine
Beobachtungsorte: Balkon, Garten
Filter und Barlowlinsen:

Nr.	Teleskop:	Öffnung	Brennweite	Montierung, Sonstiges
1	Celestron SCT	203	2030	Vixen GP
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Steiner	15	80	

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1		
35	Eudiascopic	Baader	58× / 50′		
26	Plössl	Celestron	78× / 38′		
15	Eudiascopic	Baader	135× / 31′		
5	Eudiascopic	Baader	406× / 7′		

Günter Wöhner (GW)
Bevorzugte DS-Objekte: Galaxien, Sternhaufen
Beobachtungsorte: Wettersberg, Stadtrand Nürnberg
Filter und Barlowlinsen:
Atlanten/Software: Sky Atlas 2000, Uranometria 2000, Guide 6.0, Megastar V4

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Vixen 80 M Refraktor	80	910	SP auf Meade Stativ
2	Meade 10" LX 200 SCT	250	2500	AtlAZ-Gabel
	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Vixen	10	70	Fotostativ

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	
54	Plössl	Celestron		46× / 1,1°	
45	Plössel	Celestron	20× / 2°	56× / 0,7°	
24	Widefield	Televue	38× / 1,6°	104× / 0,6°	
15	Plössl	Vixen	61× / 0,8°	167× / 0,3°	
14	XL	Pentax	65× / 1°	176× / 0,36°	
10,5	XL	Pentax	87× / 0,75°	238× / 0,27°	
10	LV	Vixen	91× / 0,55°	250× / 0,2°	
6	LV	Vixen	152× / 0,3°	417× / 0,1°	
5	LV	Vixen	182× / 0,24°	500× / 0,09°	

Herbert Zellhuber (HZ)
Bevorzugte DS-Objekte: Galaxien
Beobachtungsorte: Grambach (750m), Geigersau (930m)
Filter und Barlowlinsen: UHC; OIII; Hß
Atlanten/Software: Sky Atlas, The Sky V2.0, Guide 5.0

Nr.	Teleskop:	Öffnung	Brennweite	Montierung, Sonstiges
1	Eigenbau Newton	200	1200	Deutsche Eigenbau
2	Eigenbau Refraktor	80	500	Azimutal Eigenbau

Okularbrennweite	Typ	Hersteller	Vergrößerung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	
32	Plössl	Tele Vue	37× / 1,33°	16× / 3,2°	
30	LV	Vixen	40× / 1,66°	17× / 4°	
20	Eudiaskopic	Baader	60× / 50’	25× / 2°	
15	Eudiaskopic	Baader	80× /36’	33× / 1,5°	
12,4	Plössl	Meade	100× / 29’	40× / 70’	
9,7	Plössl	Meade	125× / 23’	50× / 55’	
6,4	Plössl	Meade	190× / 15’	80× / 35’	

BEOBACHTERLISTE (neue Beobachter in 9. Auflage)

Stefan Deichsel (SD)

Bevorzugte DS-Objekte: Gb, OC, PN, Nb, DS
Beobachtungsorte: Bad Friedrichshall, im Garten (4m5-5m)
Filter und Barlowlinsen: UHC/E, UHC, OIII
Atlanten/Software: Karkoschka, Uranometria, Tri Atlas, HNSky

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	TS Newton	114	900	EQ5
2	Bosma - Rumak	102	1000	AZ4, EQ5
3	Skywatcher Achromat	80	400	Fotostativ

Nr.	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Revue	7	50	

Okularbrennweite	Typ	Hersteller	Vergrösserung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
32	Super Plössl	TS	28x/1,8°	31x/1,7°	13x/4,2°
25	Plössl	TeleVue	36x/1,4°	40x/1,3°	16x/3,1°
19	Panoptic	TeleVue	47x/1,4°	53x/1,3°	21x/3,1°
15	SWM	TS	60x/1,1°	67x/1,0°	27x/2,5°
12	Radian	TeleVue	75x/0,8°	83x/0,7°	33x/1,8°
8	Radian	TeleVue	113x/0,5°	125x/0,5°	50x/1,2°
6	SWM	TS	150x/0,4°	167x/0,4°	67x/1,0°

Robin Hegenbarth (RH)

Bevorzugte DS-Objekte: Gx, OC, Nb, PN, Gb
Beobachtungsorte: Neuberg, Deutschland (5m9), Livermore, USA (6m6), Knysna, Südafrika (6m9)
Filter und Barlowlinsen: Orion SkyGlow Broadband, OIII, H-Beta, 2x Barlowlinsen Vixen, Eschenbach, Orion
Atlanten/Software: Karkoschka, Cartes du Ciel, Aladin

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Eschenbach Novalux Refraktor	60	415	Azimutal
2	Celestron Comet Catcher, Schmidt-Newton	140	500	Vixen Super Polaris
3	Orion SkyQuest XT8, Newton	203	1200	Dobson

Nr.	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Otsuka Kogaku	8	21	
2	TS LE	10	50	

Okularbrennweite	Typ	Hersteller	Vergrösserung und wahres Gesichtsfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
18	Ortho	Celestron		28x	
10	Plössl	Vixen		50x	
26	Plössl	Celestron		19x	
20	Huygens	Eschenbach	21x		
6	Huygens	Eschenbach	6x		
25	Sirius Plössl	Orion			48x
10	Sirius Plössl	Orion			120x

Hans Meyer (HM)

Beobachtungsorte: Wunstorf, Terasse und Garten (5m)
Filter und Barlowlinsen: Baader UHC-S
Atlanten/Software: Deep Sky Reiseführer, Deep Sky Reiseatlas, Deep Sky Liste V8, Redshift 6 Premium, Atlas für Himmelsbeobachter

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Celestron 8 SE SCT	200	2000	Celestron ADM

Nr.	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Hensoldt Dialyt	8	32	

Okularbrennweite	Typ	Hersteller	Vergrösserung und wahres Gesichstfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
42	TS WA	TS	48x/60'		
21	Hyperion	Baader	95x/37'		
9	Planetary	TS	222x/15'		

Ute Katrin Niemann (UN)

Bevorzugte DS-Objekte: Galaxien, Planetarische Nebel, Kugelsternhaufen
Beobachtungsorte: Bockhorn, im Garten (5-6m)
Filter und Barlowlinsen: OIII
Atlanten/Software: Redshift7, Eye&Telescope, Karkoschka, Pocket Skyatlas, Deepsky-Reiseatlas, Deepsky-Beobachteratlas

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	GSO Newton	300	1500	Dobson
2	Bresser Skylux Refraktor	70	700	HEQ5
3	GSO Newton	200	1000	HEQ5

Nr.	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Optus	10	50	Fotostativ
2	Russisch	8	30	

Okularbrennweite	Typ	Hersteller	Vergrösserung und wahres Gesichstfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
32	Plössl 2"	?	47x		
32	Super Plössl 1,25"	TS	47x	22x	
15	Super Plössl 1,25"	TS	100x	47x	
9	Super Plössl 1,25"	TS	167x	78x	
5	Hyperion	Baader	300x		
30	LV 2"	Vixen	50x		
13,4	Speers Whaler	Antares	112x	52x	
9,4	Speers Whaler	Anteres	160x	74x	

BEOBACHTERLISTE (neue Beobachter in 9. Auflage)

Achim Strnad (AS)

Bevorzugte DS-Objekte:	Galaxien, Quasare, Planetarische Nebel
Beobachtungsorte:	Losaurach (5m6-5m8)
Filter und Barlowlinsen:	UHC, OIII, Powermate 2,5x
Atlanten/Software:	Cartes du Ciel

Nr.	Teleskop	Öffnung	Brennweite	Montierung, Sonstiges
1	Selbstbau Newton	508	2385	Dobson
2	Selbstbau Newton	430	1830	Dobson
3	Selbstbau Newton	130	485	Fotostativ oder als Dobsonsucher

Nr.	Feldstecher	Vergrößerung	Öffnung	Montierung, Sonstiges
1	Miyauchi	20	77	

Okularbrennweite	Typ	Hersteller	Vergrösserung und wahres Gesichstfeld an		
			Teleskop 1	Teleskop 2	Teleskop 3
26	Nagler Typ 5	TeleVue	92x/0,7°	70x/1,0°	19x/3,6°
17	Nagler Typ 4	TeleVue	140x/0,5°	108x/0,7°	29x/2,5°
13	Nagler Typ 1	TeleVue	183x/0,4°	141x/0,5°	37x/1,8°
9	Nagler Typ 6	TeleVue	265x/0,3°	203x/0,3°	54x/1,3°
7	Nagler Typ 6	TeleVue	341x/0,2°	261x/0,2°	69x/1,0°
5	Nagler Typ 6	TeleVue	477x/0,1°	366x/0,1°	97x/0,7°

Objekt-Übersicht

1ES	0806+524	QS	08 09 49.2
1ZW	1	QS	00 53 34.9
2Z	136	QS	21 32 27
3C	273	QS	12 29.1
3C	279	QS	12 56 11.17
3C	345	QS	16 42 58.81
3C	351	QS	17 04 41.44
3C	371	QS	18 06.8
3C	66A	QS	02 22 39.6
4C	09.72	QS	23 11.3
4C	41.21	QS	10 10.5
4C	74.26	QS	20 42.4
ADS	1	DS	00 02.6
ADS	1	DS	00 02.6
ADS	1003	DS	01 14.4
ADS	10031	DS	16 22.9
ADS	10049	DS	16 25.6
ADS	10049	DS	16 25.6
ADS	10129	DS	16 36.3
ADS	10129	DS	16 36.3
ADS	10149	DS	16 40.7
ADS	10167	DS	16 42.5
ADS	10171	DS	16 42.6
ADS	10194	DS	16 45.1
ADS	10207	DS	16 47.1
ADS	10224	DS	16 48.7
ADS	10288	DS	16 57.9
ADS	10345	DS	17 05.4
ADS	10410	DS	17 13.0
ADS	10417	DS	17 15.4
ADS	10418	DS	17 14.6
ADS	10424	DS	17 15.0
ADS	10442	DS	17 18.0
ADS	10481	DS	17 20.8
ADS	10526	DS	17 23.7
ADS	10628	DS	17 32.2
ADS	10693	DS	17 39.8
ADS	1073	DS	01 20.1
ADS	10750	DS	17 44.6
ADS	10759	DS	17 41.9
ADS	10966	DS	18 00.6
ADS	10993	DS	18 01.5
ADS	11005	DS	18 03.0
ADS	11035	DS	18 02.9
ADS	11046	DS	18 05.4
ADS	11061	DS	18 00.1
ADS	11089	DS	18 07.8
ADS	1129	DS	01 25.9
ADS	11334	DS	18 25.0
ADS	11336	DS	18 23.9
ADS	1134	DS	01 25.6
ADS	11483	DS	18 35.9
ADS	11500	DS	18 36.2
ADS	11510	DS	18 37.0
ADS	11534	DS	18 38.4
ADS	11593	DS	18 42.1
ADS	11616	DS	18 42.9
ADS	11635	DS	18 44.3
ADS	11635	DS	18 44.3

ADS	11635	DS	18 44.3
ADS	11639	DS	18 44.7
ADS	11639	DS	18 44.8
ADS	11655	DS	18 45.1
ADS	11655	DS	18 45.1
ADS	11667	DS	18 46.5
ADS	11669	DS	18 45.8
ADS	11732	DS	18 49.7
ADS	11737	DS	18 49.9
ADS	11745	DS	18 50.1
ADS	11750	DS	18 50.7
ADS	11779	DS	18 51.2
ADS	11779	DS	18 51.2
ADS	11825	DS	18 53.8
ADS	11853	DS	18 56.2
ADS	11853	DS	18 56.2
ADS	11902	DS	18 59.1
ADS	11908	DS	18 58.9
ADS	11916	DS	18 59.9
ADS	11964	DS	19 01.4
ADS	12007	DS	19 05.0
ADS	12026	DS	19 05.4
ADS	12037	DS	19 06.4
ADS	12061	DS	19 07.4
ADS	12061	DS	19 07.4
ADS	12061	DS	19 07.4
ADS	12093	DS	19 08.7
ADS	12101	DS	19 09.1
ADS	12197	DS	19 13.8
ADS	12289	DS	19 18.5
ADS	12540	DS	19 30.7
ADS	12607	DS	19 34.1
ADS	12693	DS	19 37.3
ADS	12725	DS	19 38.9
ADS	12750	DS	19 39.4
ADS	12815	DS	19 41.8
ADS	12880	DS	19 45.0
ADS	12913	DS	19 46.4
ADS	12962	DS	19 48.7
ADS	13009	DS	19 50.7
ADS	13110	DS	19 55.3
ADS	13148	DS	19 55.6
ADS	13182	DS	19 58.2
ADS	13277	DS	20 02.0
ADS	13312	DS	20 03.5
ADS	13475	DS	20 11.5
ADS	13554	DS	20 13.6
ADS	13645	DS	20 18.4
ADS	13645	DS	20 18.0
ADS	13645	DS	20 18.0
ADS	13675	DS	20 19.4
ADS	13860	DS	20 27.3
ADS	13887	DS	20 28.9
ADS	13902	DS	20 29.9
ADS	13920	DS	20 30.3
ADS	13932	DS	20 31.2
ADS	14073	DS	20 37.5
ADS	14101	DS	20 39.1
ADS	14106	DS	20 39.0

ADS	14121	DS	20 39.6
ADS	14270	DS	20 46.2
ADS	14279	DS	20 46.7
ADS	14299	DS	20 48.4
ADS	14340	DS	20 49.9
ADS	14360	DS	20 51.4
ADS	14360	DS	20 54.4
ADS	14453	DS	20 56.8
ADS	1457	DS	01 50.1
ADS	14575	DS	21 02.2
ADS	14592	DS	21 04.1
ADS	14636	DS	21 06.9
ADS	14702	DS	21 10.4
ADS	1477	DS	02 31.8
ADS	14847	DS	21 19.8
ADS	15032	DS	21 28.6
ADS	1507	DS	01 53.5
ADS	15270	DS	21 44.1
ADS	15270	DS	21 44.1
ADS	15270	DS	21 44.1
ADS	15270	DS	21 44.1
ADS	1534	DS	01 56.2
ADS	15600	DS	22 03.8
ADS	1563	DS	01 58.0
ADS	15753	DS	22 14.3
ADS	15785	DS	22 15.1
ADS	15971	DS	22 28.8
ADS	15972	DS	22 28.1
ADS	15987	DS	22 29.1
ADS	16069	DS	22 34.6
ADS	16095	DS	22 35.8
ADS	16095	DS	22 35.8
ADS	1615	DS	02 02.0
ADS	16260	DS	22 46.1
ADS	16268	DS	22 47.7
ADS	1630	DS	02 03.9
ADS	16483	DS	23 03.7
ADS	16666	DS	23 18.6
ADS	16672	DS	23 19.1
ADS	16735	DS	23 24.4
ADS	16775	DS	23 27.7
ADS	1683	DS	02 10.9
ADS	16957	DS	23 44.0
ADS	1697	DS	02 12.4
ADS	16979	DS	23 46.0
ADS	1703	DS	02 12.8
ADS	17114	DS	23 56.9
ADS	17140	DS	23 59.0
ADS	17149	DS	23 59.5
ADS	17175	DS	00 02.0
ADS	1860	DS	02 29.0
ADS	1860	DS	02 29.1
ADS	191	DS	00 15.0
ADS	1937	DS	02 33.5
ADS	1982	DS	02 37.0
ADS	2151	DS	02 49.3
ADS	2157	DS	02 50.6
ADS	2185	DS	02 52.9
ADS	220	DS	00 16.7

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ADS	2257	DS	02 59.2
ADS	2286	DS	03 01.5
ADS	246	DS	00 18.0
ADS	2650	DS	03 40.0
ADS	2755	DS	03 46.2
ADS	2778	DS	03 48.3
ADS	2783	DS	03 49.4
ADS	2843	DS	03 54.1
ADS	2850	DS	03 54.3
ADS	2851	DS	03 57.1
ADS	2888	DS	03 57.8
ADS	2984	DS	04 07.8
ADS	303	DS	00 22.4
ADS	3085	DS	04 15.5
ADS	3085	DS	04 15.5
ADS	3093	DS	04 15.2
ADS	3093	DS	04 15.2
ADS	3137	DS	04 20.4
ADS	3161	DS	04 22.6
ADS	3274	DS	04 32.0
ADS	3317	DS	04 35.7
ADS	3572	DS	04 59.3
ADS	3778	DS	05 12.3
ADS	3797	DS	05 13.3
ADS	3800	DS	05 13.2
ADS	3823	DS	05 14.3
ADS	3824	DS	05 15.4
ADS	3962	DS	05 22.9
ADS	4000	DS	05 25.2
ADS	4002	DS	05 24.4
ADS	4066	DS	05 28.3
ADS	4068	DS	05 29.3
ADS	4134	DS	05 32.0
ADS	4179	DS	05 35.1
ADS	4179	DS	05 35.1
ADS	4179	DS	05 35.1
ADS	4182	DS	05 35.0
ADS	4186	DS	05 35.3
ADS	4186	DS	05 35.3
ADS	4188	DS	05 35.4
ADS	4192	DS	05 35.6
ADS	4193	DS	05 35.4
ADS	4229	DS	05 38.6
ADS	4241	DS	05 38.6
ADS	4241	DS	05 38.7
ADS	4241	DS	05 38.7
ADS	4254	DS	05 39.3
ADS	4254	DS	05 39.3
ADS	4263	DS	05 40.7
ADS	4334	DS	05 44.5
ADS	4390	DS	05 48.0
ADS	449	DS	00 32.4
ADS	4566	DS	05 59.7
ADS	4773	DS	06 11.7
ADS	481	DS	19 24.4
ADS	486	DS	00 35.2
ADS	4890	DS	06 17.1
ADS	5012	DS	06 23.8
ADS	5036	DS	06 26.8

ADS	5080	DS	06 27.8
ADS	5103	DS	06 28.9
ADS	5107	DS	06 28.9
ADS	5107	DS	06 28.8
ADS	513	DS	00 36.8
ADS	5166	DS	06 32.4
ADS	5188	DS	06 34.3
ADS	5368	DS	06 44.8
ADS	5381	DS	06 44.0
ADS	5400	DS	06 46.2
ADS	5400	DS	06 46.2
ADS	5400	DS	06 46.2
ADS	5436	DS	06 48.2
ADS	5462	DS	06 49.6
ADS	5517	DS	06 52.9
ADS	5559	DS	06 54.6
ADS	558	DS	00 40.0
ADS	5586	DS	06 57.3
ADS	5605	DS	06 56.1
ADS	5742	DS	07 04.1
ADS	5746	DS	07 05.7
ADS	5854	DS	07 12.9
ADS	5871	DS	07 12.8
ADS	5896	DS	07 14.8
ADS	5951	DS	07 16.6
ADS	5968	DS	07 19.9
ADS	5983	DS	07 20.2
ADS	6004	DS	07 22.3
ADS	6012	DS	07 22.9
ADS	6028	DS	07 26.5
ADS	6065	DS	07 25.1
ADS	6068	DS	07 26.0
ADS	6073	DS	07 26.4
ADS	6089	DS	07 27.7
ADS	6109	DS	07 29.1
ADS	616	DS	20 21.0
ADS	6175	DS	07 34.6
ADS	6175	DS	07 34.6
ADS	6190	DS	07 34.3
ADS	6208	DS	07 36.1
ADS	6216	DS	07 36.6
ADS	6229	DS	07 38.6
ADS	6255	DS	07 38.8
ADS	6321	DS	07 44.4
ADS	6335	DS	07 45.4
ADS	6348	DS	07 45.5
ADS	6364	DS	07 47.5
ADS	6617	DS	08 08.6
ADS	6647	DS	08 11.3
ADS	6650	DS	08 12.2
ADS	6650	DS	08 12.2
ADS	6650	DS	08 12.2
ADS	671	DS	00 49.1
ADS	6815	DS	08 26.7
ADS	683	DS	00 49.9
ADS	6913	DS	08 39.7
ADS	6915	DS	08 39.9
ADS	6921	DS	08 40.3
ADS	6967	DS	08 44.7

ADS	6988	DS	08 46.7
ADS	7071	DS	08 54.2
ADS	7071	DS	08 54.2
ADS	7115	DS	08 58.5
ADS	7292	DS	09 18.8
ADS	7311	DS	09 20.5
ADS	7324	DS	09 22.5
ADS	7402	DS	09 31.5
ADS	7406	DS	09 30.6
ADS	7416	DS	09 32.0
ADS	748	DS	00 55.0
ADS	7480	DS	09 41.2
ADS	7520	DS	09 49.1
ADS	755	DS	00 54.9
ADS	7654	DS	10 08.4
ADS	7695	DS	10 15.2
ADS	7724	DS	10 19.9
ADS	7836	DS	10 34.5
ADS	7837	DS	10 35.1
ADS	7873	DS	10 40.2
ADS	7902	DS	10 43.4
ADS	7979	DS	10 55.6
ADS	8001	DS	11 00.0
ADS	8100	DS	11 15.5
ADS	8119	DS	11 18.2
ADS	8148	DS	11 23.9
ADS	8153	DS	11 24.9
ADS	8162	DS	11 26.8
ADS	8175	DS	11 29.1
ADS	8196	DS	11 31.8
ADS	8220	DS	11 34.7
ADS	8220	DS	11 34.7
ADS	8327	DS	11 51.9
ADS	8347	DS	11 55.1
ADS	8406	DS	12 04.3
ADS	8489	DS	12 16.1
ADS	8505	DS	12 18.1
ADS	8531	DS	12 22.5
ADS	8561	DS	12 28.1
ADS	8568	DS	12 28.9
ADS	8600	DS	12 35.1
ADS	8627	DS	12 41.3
ADS	8630	DS	12 41.7
ADS	8630	DS	12 41.7
ADS	8682	DS	12 49.3
ADS	8695	DS	12 53.3
ADS	8706	DS	12 56.1
ADS	875	DS	01 03.8
ADS	8801	DS	13 10.0
ADS	8805	DS	13 10.1
ADS	8891	DS	13 23.9
ADS	8939	DS	13 32.8
ADS	8972	DS	13 37.6
ADS	8974	DS	13 37.5
ADS	899	DS	01 05.6
ADS	9000	DS	13 43.1
ADS	9031	DS	13 49.1
ADS	9173	DS	14 13.5
ADS	9182	DS	14 15.3

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ADS	9185	DS	14 15.8
ADS	9197	DS	14 16.1
ADS	9198	DS	14 16.2
ADS	9229	DS	14 20.3
ADS	9251	DS	14 24.1
ADS	9338	DS	14 40.7
ADS	9343	DS	14 41.1
ADS	9343	DS	14 41.1
ADS	9372	DS	14 45.0
ADS	9396	DS	14 49.3
ADS	9406	DS	14 49.6
ADS	9410	DS	14 51.1
ADS	9413	DS	14 51.4
ADS	9474	DS	14 59.6
ADS	9494	DS	15 03.9
ADS	9507	DS	15 07.6
ADS	9559	DS	15 15.5
ADS	9617	DS	15 23.2
ADS	9617	DS	15 23.2
ADS	9626	DS	15 24.5
ADS	9626	DS	15 24.5
ADS	9688	DS	15 31.8
ADS	9701	DS	15 34.8
ADS	9737	DS	15 39.4
ADS	9859	DS	15 57.6
ADS	9909	DS	16 04.4
ADS	9913	DS	16 05.4
ADS	9933	DS	16 08.1
ADS	9951	DS	16 12.0
ADS	9951	DS	16 12.0
ADS	996	DS	01 13.7
ADS	9969	DS	16 13.2
ADS	9979	DS	16 14.7
ADS	9979	DS	16 14.7
ALI	516	DS	03 31.1
And	1	Gx	00 45.5
And	2	Gx	01 16.4
And	3	Gx	00 35.2
B	103	DN	18 39.4
B	104	DN	18 47.3
B	108	DN	18 49.6
B	110	DN	18 50.1
B	111	DN	18 50.6
B	112	DN	18 51.2
B	113	DN	18 51.4
B	114	DN	18 53.2
B	115	DN	18 53.3
B	116	DN	18 53.5
B	117	DN	18 53.7
B	118	DN	18 54.0
B	119	DN	18 54.7
B	127	DN	19 01.6
B	129	DN	19 02.1
B	130	DN	19 01.9
B	132	DN	19 04.0
B	133	DN	19 06.1
B	134	DN	19 06.7
B	135	DN	19 07.4
B	136	DN	19 08.8

B	139	DN	19 18.1
B	142	DN	19 41.0
B	143	DN	19 41.4
B	145	DN	20 02.8
B	150	DN	20 50.6
B	152	DN	21 14.5
B	157	DN	21 33.7
B	160	DN	21 38.0
B	164	DN	21 46.5
B	168	DN	21 53.3
B	169	DN	21 58.9
B	170	DN	21 58.9
B	171	DN	21 58.9
B	174	DN	22 07.3
B	250	DN	17 13.1
B	256	DN	17 12.2
B	268	DN	17 32.0
B	276	DN	17 39.5
B	283	DN	17 51.3
B	296	DN	18 04.1
B	303	DN	18 09.2
B	312	DN	18 30.9
B	314	DN	18 37.7
B	318	DN	18 49.7
B	328	DN	19 04.8
B	33	DN	05 40.9
B	330	DN	19 19.9
B	334	DN	19 35.1
B	336	DN	19 36.7
B	337	DN	19 36.8
B	34	DN	05 43.5
B	343	DN	20 13.5
B	346	DN	20 26.7
B	347	DN	20 28.4
B	35	DN	05 45.5
B	350	DN	20 49.1
B	352	DN	20 57.1
B	353	DN	20 57.4
B	361	DN	21 12.9
B	362	DN	21 23.9
B	364	DN	21 33.6
B	59	DN	17 11.1
B	64	DN	17 17.2
B	65	DN	17 19.6
B	66	DN	17 26.0
B	67	DN	17 21.0
B	68	DN	17 22.6
B	69	DN	17 22.9
B	70	DN	17 23.5
B	72	DN	17 23.5
B	78	DN	17 33:
B	84 A	DN	17 57.5
B	85	DN	18 02.6
B	86	DN	18 03.0
B	88	DN	18 04.6
B	89	DN	18 05.0
B	91	DN	18 10.1
B	92	DN	18 15.5
B	93	DN	18 16.9

B	95	DN	18 25.6
B	97	DN	18 29.1
Bar	1	OC	20 53.7
Bas	1	OC	18 48.2
Bas	10	OC	02 18.8
Bas	11a	OC	07 17.1
Bas	11b	OC	05 58 12.2
Bas	14	OC	21 21 12.6
Bas	15	OC	21 15.9
Bas	3	OC	18 48 12
Bas	4	OC	05 48.5
Bas	6	OC	20 06.8
Bas	7	OC	06 36.6
BCLMP	218	Nb	01 33 00.7
BCLMP	25	Nb	01 33 45.0
BCLMP	302	Nb	01 34 06.9
BCLMP	62	Nb	01 33 44.8
BCLMP	635	Nb	01 33 43
BCLMP	691	Nb	01 34 16.4
BCLMP	77	Nb	01 34 06.2
Be	10	OC	03 39.4
Be	101	OC	23 32 46.7
Be	102	OC	23 38.7
Be	103	OC	23 45 14.0
Be	104	OC	00 03.5
Be	11	OC	04 20.6
Be	18	OC	05 22 14.0
Be	23	OC	06 33 15.0
Be	4	OC	00 45.5
Be	5	OC	01 47 42.1
Be	50	OC	20 10.4
Be	53	OC	20 56.6
Be	55	OC	21 16 57.4
Be	56	OC	21 17 35.9
Be	58	OC	00 00.2
Be	59	OC	00 02.6
Be	62	OC	01 01.0
Be	63	OC	02 19.8
Be	65	OC	02 39.0
Be	68	OC	04 44.5
Be	7	OC	01 55.0
Be	78	OC	07 23 37.8
Be	79	OC	18 45.2
Be	8	OC	02 01.0
Be	86	OC	20 20.4
Be	87	OC	20 21.7
Be	94	OC	22 22.7
Bi	1	OC	20 07.5
Bi	10	OC	06 52.2
Bi	2	OC	20 09.2
Bo	1	OC	06 25 28.5
Bo	14	OC	18 02.0
Bo	2	OC	06 48.9
BSO	14	DS	19 01.1
BU	599	DS	11 06.9
BU	760	DS	18 17.7
Ced	174	Nb	20 02.8
Ced	214	Nb	00 04.7
Ced	33	Nb	04 27.2

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Ced	34	Nb	04 27.2
Ced	59	Nb	05 45.4
Ced	62	Nb	06 07.8
Ced	90	Nb	07 05.2
Cr	104	OC	06 36.5
Cr	106	OC	06 37.1
Cr	107	OC	06 37.7
Cr	11	OC	01 15 59.0
Cr	110	OC	06 38.4
Cr	111	OC	06 38.7
Cr	121	OC	06 54.2
Cr	132	OC	07 14.4
Cr	140	OC	07 23.9
Cr	21	OC	01 50.1
Cr	228	OC	10 43.0
Cr	232	OC	10 44.8
Cr	33	OC	02 59.3
Cr	333	OC	17 31.3
Cr	34	OC	03 00.9
Cr	350	OC	17 48.1
Cr	394	OC	18 53.5
Cr	399	OC	19 25.4
Cr	401	OC	19 38.4
Cr	419	OC	20 18.1
Cr	421	OC	20 23.3
Cr	428	OC	21 03.2
Cr	463	OC	01 48.4
Cr	464	OC	05 22.0
Cr	469	OC	18 16.4
Cr	62	OC	05 22.5
Cr	65	OC	05 26.0
Cr	69	OC	05 35.1
Cr	70	OC	05 36.0
Cr	89	OC	06 18.0
Cr	91	OC	06 21.7
Cr	92	OC	06 22.9
Cr	95	OC	06 30.5
Cr	96	OC	06 30.3
Cr	97	OC	06 31.3
CSO	151	QS	12 33 55.4
CTB	1	Nb	23 59.3
Cz	1	OC	00 07.7
Cz	11	OC	02 36 35.6
Cz	13	OC	02 44.7
Cz	23	OC	05 49.7
Cz	3	OC	01 03.1
Cz	38	OC	18 47.2
Cz	4	OC	01 35 36.6
Cz	40	OC	19 42 38.4
Cz	43	OC	23 25.8
Cz	44	OC	23 33 39.3
Cz	6	OC	02 03.0
Cz	8	OC	02 33.0
Do	10	OC	20 26.3
Do	11	OC	20 26.5
Do	13	OC	00 50.0
Do	14	OC	04 06.6
Do	16	OC	05 14.6
Do	17	OC	05 22.4

Do	18	OC	05 24.1
Do	19	OC	05 23.7
Do	21	OC	05 27.4
Do	22	OC	06 23.3
Do	23	OC	06 43.2
Do	24	OC	06 44.2
Do	25	OC	06 45.1
Do	26	OC	07 30.1
Do	27	OC	16 36.5
Do	28	OC	18 22.5
Do	3	OC	20 15.7
Do	32	OC	18 40.4
Do	36	OC	20 02.5
Do	39	OC	20 16.4
Do	40	OC	20 18.2
Do	41	OC	20 19.3
Do	42	OC	20 19.7
Do	43	OC	20 21.0
Do	44	OC	20 29.7
Do	45	OC	21 09.0
Do	47	OC	20 42.2
Do	5	OC	20 20.8
Do	6	OC	20 21.0
Do	8	OC	20 24.8
Do	9	OC	20 26.0
DoDz	1	OC	02 47.4
DoDz	10	OC	20 05.7
DoDz	11	OC	20 51.0
DoDz	2	OC	05 23.9
DoDz	3	OC	05 33.7
DoDz	4	OC	05 35.9
DoDz	5	OC	16 27.4
DoDz	6	OC	16 45.3
DoDz	7	OC	17 10.6
DoDz	8	OC	17 26.2
DoDz	9	OC	18 08.8
DUN	222	DS	18 33.4
DUN	226	DS	19 22.6
DUN	252	DS	12 26.6
DWB	11	Nb	20 10.0
DWB	111	Nb	20 16.0
DWB	118	Nb	20 17.0
DWB	129	Nb	20 14.0
DWB	145	Nb	20 14.0
DWB	165	Nb	20 19.0
DWB	20	Nb	20 16.1
DWB	21	Nb	20 09.4
DWB	25	Nb	20 15.2
DWB	28	Nb	20 07.0
DWB	30	Nb	20 19.1
DWB	35	Nb	20 14.1
DWB	51	Nb	20 21.0
DWB	52	Nb	20 14.0
DWB	59	Nb	20 14.0
DWB	64	Nb	20 18.0
DWB	71	Nb	20 26.5
DWB	76	Nb	20 29.0
DWB	82	Nb	20 17.0
ENG	54	DS	15 41.9

Fr	1	OC	23 57.4
G	1	Gb	00 32 46.5
G	213	Gb	00 43.2
G	272	Gb	00 44.2
G	280	Gb	00 44.5
G	72	Gb	00 40 52.8
G	73	Gb	00 40.9
G	76	Gb	00 41.1
G	78	Gb	00 41.0
G	87	Gb	00 41 14.7
GN	04.41.8	Nb	04 45.3
GN	05.28.8	Nb	05 31.6
GN	05.43.3	Nb	05 46.4
GN	20.22.9	Nb	20 24.8
GN	20.25.3	Nb	20 27.1
GN	21.00.3	Nb	21 02.3
GN	23.02.3	Nb	23 04.7
GSC	1167970	DS	23 12.0
GSC	293273	DS	06 38.0
H	18	DS	00 40.5
H	20	OC	19 53.1
H	21	OC	23 54.1
H	53	DS	15 02.5
Haf	10	OC	07 28.6
Haf	23	OC	07 09.4
HD	44179	PN	06 19 52
HE	1029-1401	QS	10 31 54.31
HIP	34687	DS	07 11.0
HIP	96142	DS	19 32.9
HJ	2167	DS	03 01.1
HO	194	DS	23 06.2
Hrr	5	OC	06 41.0
Hub	12	Gb	00 41.1
Hub	225	Gb	00 44.5
Hub	30	Gb	00 43 30.6
Hub	42	Gb	00 41.0
Hub	44	Gb	00 40 52.9
Hub	64	Gb	00 43 14.46
Hub	65	Gb	00 41 38.1
IC	10	Gx	00 20 24.5
IC	1017	Gx	14 28 07.2
IC	1019	Gx	14 28 13.3
IC	1020	Gx	14 28 49.4
IC	1029	Gx	14 32 27.2
IC	1031	Gx	14 34 23.9
IC	1032	Gx	14 34 39.1
IC	1033	Gx	14 34 41.8
IC	1065	Gx	14 49 21.3
IC	1110	Gx	15 12 05.3
IC	115	Gx	01 26 54.5
IC	1182	Gx	16 05 36.7
IC	1183	Gx	16 05 38.1
IC	1185	Gx	16 05 44.6
IC	1189	Gx	16 06 14.6
IC	1215	Gx	16 15 35.0
IC	1216	Gx	16 15 55.3
IC	1218	Gx	16 16 37.3
IC	1235	Gx	16 52 03.1
IC	1251	Gx	17 10 12.9

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IC	1254	Gx	17 11 33.3
IC	1257	Gb	17 27 08.4
IC	1258	Gx	17 27 17.2
IC	1259	Gx	17 27 24.5
IC	1260	Gx	17 27 31.6
IC	1269	Gx	17 52 05.9
IC	1274	Nb	18 10 00.0
IC	1275	Nb	18 10 00.0
IC	1276	Gb	18 10 45.7
IC	1279	Gx	18 11 15.4
IC	1283	Nb	18 16 54.0
IC	1284	Nb	18 17 42.0
IC	1287	Nb	18 31 36.0
IC	1288	Gx	18 29 22.5
IC	1289	Gx	18 30 02.2
IC	1295	PN	18 54 37.1
IC	1296	Gx	18 53 18.8
IC	131	Gx	01 33 15.0
IC	1311	OC	20 10 18.0
IC	1317	Gx	20 23 15.5
IC	1318	Nb	20 27 54.0
IC	133	OC	01 33 15.2
IC	1340	Nb	20 56 12.0
IC	135	Nb	01 33 25.0
IC	136	OC	01 33 40.0
IC	1364	Gx	21 13 24.6
IC	1365	Gx	21 13 56.0
IC	1368	Gx	21 14 12.6
IC	1369	OC	21 12 06.0
IC	137	OC	01 33 29.3
IC	1387	Gx	21 29 34.4
IC	139	OC	01 33 40.1
IC	1392	Gx	21 35 32.6
IC	1396	Nb	21 39 06.0
IC	1396	OC	21 39 06.0
IC	142	Gx	01 33 55.8
IC	143	Nb	01 34 07.0
IC	1434	OC	22 10 30.0
IC	1441	Gx	22 15 19.1
IC	1442	OC	22 16 30.0
IC	1454	PN	22 42 24.5
IC	1455	Gx	22 53 46.0
IC	1470	Nb	23 05 12.0
IC	1473	Gx	23 11 05.2
IC	1487	Gx	23 24 21.5
IC	1534	Gx	00 13 45.4
IC	1535	Gx	00 13 57.2
IC	1536	Gx	00 14 18.9
IC	1583	Gx	00 47 10.2
IC	1585	Gx	00 47 14.2
IC	1586	Gx	00 47 56.5
IC	1590	OC	00 52 48.0
IC	1596	Gx	00 54 42.7
IC	1613	Gx	01 04 54.2
IC	1619	Gx	01 07 22.4
IC	1636	Gx	01 11 37.3
IC	1638	Gx	01 12 21.7
IC	166	OC	01 52 30.0
IC	1683	Gx	01 22 39.1

IC	1687	Gx	01 23 19.3
IC	1695	Gx	01 25 07.5
IC	1696	Gx	01 24 52.4
IC	1718	Gx	01 38 26.9
IC	1727	Gx	01 47 30.0
IC	1732	Gx	01 50 48.0
IC	1733	Gx	01 50 42.9
IC	1735	Gx	01 50 51.8
IC	1747	PN	01 57 35.8
IC	1749	Gx	01 56 11.0
IC	1751	Gx	01 56 19.0
IC	1793	Gx	02 21 32.2
IC	1795	Nb	02 25 48.0
IC	1799	Gx	02 28 45.8
IC	1805	Nb	02 32 42.0
IC	1815	Gx	02 34 19.9
IC	1827	Gx	02 39 46.4
IC	1848	OC	02 51 12.0
IC	1848	Nb	02 51 12.0
IC	1871	Nb	03 03 12.0
IC	1872	OC	03 04 34.9
IC	1883	Gx	03 09 42.3
IC	1907	Gx	03 19 34.2
IC	1995	Nb	03 50 24.0
IC	2003	PN	03 56 22.0
IC	206	Gx	02 09 30.8
IC	2067	Nb	04 30 48.0
IC	2087	Nb	04 40 00.0
IC	209	Gx	02 08 58.6
IC	2118	Nb	05 06 30.0
IC	2149	PN	05 56 23.9
IC	2157	OC	06 05 00.0
IC	2159	Nb	06 09 54.0
IC	2162	Nb	06 12 54.0
IC	2165	PN	06 21 42.7
IC	2169	Nb	06 31 12.0
IC	2177	Nb	07 05 06.0
IC	2179	Gx	07 15 32.3
IC	2190	Gx	07 29 54.3
IC	2193	Gx	07 33 23.6
IC	2194	Gx	07 33 40.2
IC	2196	Gx	07 34 09.7
IC	2199	Gx	07 34 55.6
IC	2201	Gx	07 36 16.8
IC	2209	Gx	07 56 14.2
IC	2212	Gx	07 58 57.1
IC	2214	Gx	07 59 53.8
IC	2233	Gx	08 13 59.0
IC	228	Gx	02 26 41.6
IC	232	Gx	02 31 11.5
IC	2382	Gx	08 28 46.1
IC	2389	Gx	08 47 58.3
IC	239	Gx	02 36 27.9
IC	2391	OC	08 39.6
IC	2393	Gx	08 46 49.2
IC	2395	OC	08 41 06.0
IC	2405	Gx	08 48 42.7
IC	241	Gx	02 37 54.4
IC	2423	Gx	08 54 47.1

IC	244	Gx	02 39 24.7
IC	2454	Gx	09 16 01.7
IC	2458	Gx	09 21 30.2
IC	2488	OC	09 27 36.0
IC	257	Gx	02 49 54.0
IC	2574	Gx	10 28 22.4
IC	258	Gx	02 49 40.8
IC	2581	OC	10 27 24.0
IC	259	Gx	02 49 45.9
IC	260	Gx	02 51 00.9
IC	2602	OC	10 43 12.0
IC	262	Gx	02 51 43.2
IC	2666	Gx	11 15 43.8
IC	2708	Gx	11 18 34.5
IC	2735	Gx	11 21 03.8
IC	2738	Gx	11 21 23.0
IC	2744	Gx	11 21 42.6
IC	2746	Gx	11 21 47.2
IC	275	Gx	03 00 55.7
IC	2751	Gx	11 22 03.2
IC	278	Gx	03 01 30.4
IC	284	Gx	03 06 09.9
IC	2850	Gx	11 28 13.0
IC	2853	Gx	11 28 14.8
IC	2857	Gx	11 28 31.0
IC	2867	Gx	11 28 59.2
IC	289	PN	03 10 19.2
IC	293	Gx	03 10 56.1
IC	2943	Gx	11 36 42.2
IC	2951	Gx	11 43 24.4
IC	2955	Gx	11 45 05.0
IC	301	Gx	03 14 47.7
IC	3065	Gx	12 15 12.5
IC	3080	Gx	12 16 02.6
IC	309	Gx	03 16 06.2
IC	310	Gx	03 16 43.0
IC	312	Gx	03 18 08.4
IC	313	Gx	03 20 57.9
IC	316	Gx	03 21 19.9
IC	3165	Gx	12 20 04.7
IC	3201	Gx	12 21 40.3
IC	3210	Gx	12 22 00.8
IC	3212	Gx	12 22 03.4
IC	3322	Gx	12 25 54.1
IC	334	Gx	03 45 17.1
IC	34	Gx	00 35 36.4
IC	342	Gx	03 46 48.4
IC	348	OC	03 44 30.0
IC	348	Nb	03 44 30.0
IC	3481 A	Gx	12 32 56.7
IC	349	Nb	03 46 18.0
IC	3499	Gx	12 33 48.7
IC	351	PN	03 47 33.0
IC	353	Nb	03 55 06.0
IC	356	Gx	04 07 46.3
IC	3568	PN	12 33 06.9
IC	357	Gx	04 03 43.9
IC	3583	Gx	12 36 43.8
IC	361	OC	04 19 00.0

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IC	3713	Gx	12 44 03.1
IC	373	Gx	04 30 42.7
IC	3758	Gx	12 45 59.6
IC	3900	Gx	12 55 51.5
IC	3946	Gx	12 58 49.1
IC	3949	Gx	12 58 56.6
IC	3955	Gx	12 59 06.1
IC	3959	Gx	12 59 08.3
IC	396	Gx	04 57 58.8
IC	3973	Gx	12 59 23.4
IC	399	Gx	05 01 44.0
IC	3990	Gx	12 59 39.3
IC	3991	Gx	12 59 39.8
IC	4	Gx	00 13 27.0
IC	4032	Gx	13 00 25.8
IC	4040	Gx	13 00 38.1
IC	4042	Gx	13 00 42.7
IC	4045	Gx	13 00 48.8
IC	405	Nb	05 16 12.0
IC	4051	Gx	13 00 54.4
IC	410	Nb	05 22 36.0
IC	410	OC	05 22 36.0
IC	417	Nb	05 28 18.0
IC	418	PN	05 27 28.3
IC	4182	Gx	13 05 49.3
IC	4189	Gx	13 06 03.7
IC	420	Nb	05 32 30.0
IC	4213	Gx	13 12 11.3
IC	423	Nb	05 33 30.0
IC	426	Nb	05 36 48.0
IC	4263	Gx	13 28 33.4
IC	431	Nb	05 40 18.0
IC	432	Nb	05 40 54.0
IC	434	Nb	05 41 00.0
IC	4340	Gx	13 53 33.6
IC	4343	Gx	13 54 55.7
IC	4344	Gx	13 55 12.7
IC	4345	Gx	13 55 13.5
IC	4346	Gx	13 55 40.4
IC	4348	Gx	13 55 45.0
IC	4349	Gx	13 55 46.2
IC	435	Nb	05 43 00.0
IC	4395	Gx	14 17 20.8
IC	4397	Gx	14 17 58.7
IC	4405	Gx	14 19 16.4
IC	4406	PN	14 22 26.4
IC	443	Nb	06 16 54.0
IC	4436	Gx	14 27 58.2
IC	444	Nb	06 20 24.0
IC	4452	Gx	14 32 27.4
IC	446	Nb	06 31 00.0
IC	449	Gx	06 45 40.8
IC	450	Gx	06 52 12.3
IC	451	Gx	06 52 51.8
IC	455	Gx	07 34 57.7
IC	4553	Gx	15 34 57.2
IC	4563	Gx	15 36 03.5
IC	4593	PN	16 11 44.5
IC	4601	Nb	16 20 18.0

IC	4603	Nb	16 25 24.0
IC	4604	Nb	16 25 36.0
IC	4605	Nb	16 30 12.0
IC	4614	Gx	16 37 47.2
IC	4617	Gx	16 42 08.1
IC	4634	PN	17 01 33.6
IC	466	Nb	07 08 36.0
IC	4665	OC	17 46 18.0
IC	4670	PN	17 55 07.0
IC	4673	PN	18 03 18.4
IC	4684	Nb	18 09 06.0
IC	469	Gx	07 55 59.3
IC	4703	Nb	18 18 54.0
IC	4706	Nb	18 19 42.0
IC	471	Gx	07 43 36.4
IC	472	Gx	07 43 50.2
IC	4732	PN	18 33 54.6
IC	4756	OC	18 39 00.0
IC	4763	Gx	18 33 35.7
IC	4772	Gx	18 39 56.4
IC	482	Gx	07 59 47.3
IC	4846	PN	19 16 28.3
IC	4954	Nb	20 04 48.0
IC	4954/5	Nb	20 04.8
IC	4996	OC	20 16 30.0
IC	4997	PN	20 20 08.8
IC	5067	Nb	20 47 48.0
IC	5067/70	Nb	20 50.8
IC	5068	Nb	20 50 48.0
IC	5070	Nb	20 50 48.0
IC	5076	Nb	20 55 54.0
IC	508	Gx	08 28 22.3
IC	51	Gx	00 46 24.2
IC	511	Gx	08 40 49.7
IC	5111	Gx	21 28 10.9
IC	5117	PN	21 32 31.0
IC	5146	OC	06 04 52.6
IC	5146	OC	21 53 24.0
IC	5191	Gx	22 15 02.4
IC	5193	Gx	22 15 43.5
IC	520	Gx	08 53 42.1
IC	5217	PN	22 23 55.7
IC	5242	Gx	22 41 15.1
IC	5243	Gx	22 41 24.5
IC	5283	Gx	23 03 17.7
IC	5285	Gx	23 06 58.9
IC	5292	Gx	23 13 47.1
IC	5309	Gx	23 19 11.7
IC	5315	Gx	23 21 18.2
IC	5338	Gx	23 36 30.4
IC	5341	Gx	23 38 26.7
IC	5342	Gx	23 38 38.7
IC	5356	Gx	23 47 23.9
IC	5357	Gx	23 47 23.0
IC	5379	Gx	00 02 40.8
IC	538	Gx	09 27 11.3
IC	5381	Gx	00 03 11.1
IC	555	Gx	09 41 57.0
IC	59	Nb	00 56 00.0

IC	590	Gx	10 05 49.8
IC	591	Gx	10 07 27.6
IC	606	Gx	10 23 32.6
IC	610	Gx	10 26 18.0
IC	63	Nb	00 59 00.0
IC	64	Gx	00 59 24.4
IC	65	Gx	01 00 55.3
IC	669	Gx	11 07 16.5
IC	670	Gx	11 07 28.7
IC	677	Gx	11 13 56.6
IC	69	Gx	01 01 23.6
IC	691	Gx	11 26 44.0
IC	696	Gx	11 28 39.9
IC	698	Gx	11 29 03.6
IC	699	Gx	11 29 06.5
IC	7	Gx	00 18 53.0
IC	708	Gx	11 33 59.1
IC	709	Gx	11 34 14.5
IC	711	Gx	11 34 46.5
IC	712	Gx	11 34 49.1
IC	730	Gx	11 45 35.2
IC	736	Gx	11 48 20.0
IC	749	Gx	11 58 33.9
IC	750	Gx	11 58 52.0
IC	751	Gx	11 58 52.4
IC	777	Gx	12 19 23.6
IC	783	Gx	12 21 38.8
IC	787	Gx	12 25 25.2
IC	847	Gx	13 05 32.1
IC	875	Gx	13 17 07.5
IC	902	Gx	13 36 01.2
IC	960	Gx	13 55 59.0
IC	972	PN	14 04 26.0
IC	983	Gx	14 10 04.3
IRAS	09371+1212	PN	09 39 54
K	1	OC	00 22.0
K	10	OC	22 54.9
K	11	OC	23 47.8
K	12	OC	23 53.0
K	13	OC	00 10.1
K	14	OC	00 31.9
K	15	OC	00 32.9
K	16	OC	00 43.7
K	17	OC	05 08.4
K	18	OC	22 52.1
K	19	OC	23 08.3
K	2	OC	00 51.0
K	20	OC	23 33.3
K	21	OC	23 49.9
K	22	OC	05 22.2
K	23	OC	07 22.2
K	25	OC	19 24.8
K	26	OC	19 29.4
K	4	OC	02 35.7
K	5	OC	03 14.6
K	6	OC	03 28.1
K	7	OC	03 59.0
K	8	OC	05 49.4
K	9	OC	22 15.5

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Kembl	2	OC	18 35 35.0
LBN	1036	Nb	07 16
LBN	266/89	Nb	21 20.0
LBN	640	Nb	01 50.1
LBN	912	Nb	06 40 44.0
LDB	1475	DN	05 03 36.0
LDN	1455	DN	02 55 52.0
LDN	1476	DN	04 23 20.0
LDN	1477	DN	04 38 24.0
LDN	1488	DN	04 52 01.0
LDN	1510	DN	05 03 47.0
LDN	1525	DN	04 39 04.0
LDN	1555	DN	06 06 11.0
LDN	1622	DN	06 12 36.0
LDN	582	DN	18 52.6
LDN	617	DN	18 57.5
LDN	667	DN	19 05 20.0
LDN	889	DN	20 24.8
LDN	935	DN	20 56.8
LMC		Gx	05 23 34.6
M	1	Nb	05 34.5
M	10	Gb	16 57.1
M	100	Gx	12 22.9
M	101	Gx	14 03.2
M	102	Gx	15 06.5
M	103	OC	01 33.2
M	104	Gx	12 40.0
M	105	Gx	10 47.8
M	106	Gx	12 19.0
M	107	Gb	16 32.5
M	108	Gx	11 11.5
M	109	Gx	11 57.6
M	11	OC	18 51.1
M	110	Gx	00 40.4
M	12	Gb	16 47.2
M	13	Gb	16 41.7
M	14	Gb	17 37.6
M	15	Gb	21 30.0
M	16	Nb	18 18.8
M	16	OC	18 18.8
M	17	Nb	18 20.8
M	17	OC	18 20.8
M	18	OC	18 19.9
M	19	Gb	17 02.6
M	2	Gb	21 33.5
M	20	OC	18 02.3
M	20	Nb	18 02.3
M	21	OC	18 04.6
M	22	Gb	18 36.4
M	23	OC	17 56.8
M	25	OC	18 31.6
M	26	OC	18 45.2
M	27	PN	19 59.6
M	28	Gb	18 24.5
M	29	OC	20 23.9
M	3	Gb	13 42.2
M	30	Gb	21 40.4
M	31	Gx	00 42.7
M	32	Gx	00 42.7

M	33	Gx	01 33.9
M	34	OC	02 42.0
M	35	OC	06 08.9
M	36	OC	05 36.1
M	37	OC	05 52.4
M	38	OC	05 28.7
M	39	OC	21 32.2
M	4	Gb	16 23.6
M	40	DS	12 22.4
M	41	OC	06 47.0
M	42	Nb	05 35.4
M	43	Nb	05 35.6
M	44	OC	08 40.1
M	45	OC	03 46.9
M	46	OC	07 41.8
M	47	OC	07 36.6
M	48	OC	08 13.8
M	49	Gx	12 29.8
M	5	Gb	15 18.6
M	50	OC	07 03.2
M	51	Gx	13 29.9
M	52	OC	23 24.2
M	53	Gb	13 12.9
M	54	Gb	18 55.1
M	55	Gb	19 40.0
M	56	Gb	19 16.6
M	57	PN	18 53.6
M	58	Gx	12 37.7
M	59	Gx	12 42.0
M	6	OC	17 40.1
M	60	Gx	12 43.7
M	61	Gx	12 21.9
M	62	Gb	17 01.2
M	63	Gx	13 15.8
M	64	Gx	12 56.7
M	65	Gx	11 18.9
M	66	Gx	11 20.2
M	67	OC	08 50.4
M	68	Gb	12 39.5
M	69	Gb	18 31.4
M	7	OC	17 53.9
M	70	Gb	18 43.2
M	71	Gb	19 53.8
M	72	Gb	20 53.5
M	73	OC	20 59.0
M	74	Gx	01 36.7
M	75	Gb	20 06.1
M	76	PN	01 42.3
M	77	Gx	02 42.7
M	78	Nb	05 46.7
M	79	Gb	05 24.5
M	8	Nb	18 03.8
M	80	Gb	16 17.0
M	81	Gx	09 55.6
M	82	Gx	09 55.8
M	83	Gx	13 37.0
M	84	Gx	12 25.1
M	85	Gx	12 25.4
M	86	Gx	12 26.2

M	87	Gx	12 30.8
M	88	Gx	12 32.0
M	89	Gx	12 35.7
M	9	Gb	17 19.2
M	90	Gx	12 36.8
M	91	Gx	12 35.4
M	92	Gb	17 17.1
M	93	OC	07 44.6
M	94	Gx	12 50.9
M	95	Gx	10 44.0
M	96	Gx	10 46.8
M	97	PN	11 14.8
M	98	Gx	12 13.8
M	99	Gx	12 18.8
Maf	1	Gx	02 36 35.3
Maf	2	Gx	02 41 54.9
May	1	OC	00 22.2
MCG	+0-4-139	Gx	01 25.9
MCG	+4-50-4	Gx	21 16 52.9
MCG	+6-25-43	Gx	11 19.3
MCG	+6-25-51	Gx	11 21.5
MCG	+6-25-59	Gx	11 23.2
MCG	+6-25-61	Gx	11 23.4
MCG	+6-25-62	Gx	11 24.2
MCG	+7-40-4	Gx	19 21.2
MCG	+7-40-5	Gx	19 21.6
MCG	+8-21-48	Gx	11 32.5
MCG	+8-21-60	Gx	11 34.7
MCG	+8-21-64	Gx	11 35.5
MCG	+8-21-65	Gx	11 35.7
MCG	+8-21-66	Gx	11 35.7
MCG	+8-21-72	Gx	11 36.5
MCG	+8-21-74	Gx	11 36.6
MCG	3-30-33	Gx	11 39.9
MCW	1080	Nb	23 17.5
Mel	111	OC	12 25.0
Mel	15	OC	02 32.7
Mel	186	OC	18 01.0
Mel	20	OC	03 22.0
Mel	25	OC	04 27.0
Mel	71	OC	07 37.5
Mel	72	OC	07 36.0
Mi	92	Nb	19 36.3
Mneil	1	Nb	05 46
Mrk	1383	QS	14 29 06.6
Mrk	180	QS	11 36.4
Mrk	198	Gx	12 09.2
Mrk	205	QS	12 21.7
Mrk	304	QS	22 17 12.2
Mrk	357	Gx	01 22.7
Mrk	421	QS	11 04.5
Mrk	478	QS	14 42.1
Mrk	50	OC	23 15.3
Mrk	509	QS	20 44 09.7
Mrk	514	Gx	21 20.5
Mrk	6	OC	02 29.6
Mrk	813	QS	14 27.2
Mrk	876	QS	16 13 57.2
Mrk	877	QS	16 20 11.3

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Mrk	926	QS	23 04.7
MWP	1	PN	21 19
NGC	1	Gx	00 07 15.9
NGC	100	Gx	00 24 02.6
NGC	1000	Gx	02 38 49.7
NGC	1001	Gx	02 39 12.6
NGC	1003	Gx	02 39 16.6
NGC	1004	Gx	02 37 41.7
NGC	1005	Gx	02 39 27.6
NGC	1008	Gx	02 37 55.2
NGC	1009	Gx	02 38 18.9
NGC	1015	Gx	02 38 11.6
NGC	1016	Gx	02 38 19.6
NGC	1019	Gx	02 38 27.4
NGC	1020	Gx	02 38 44.3
NGC	1021	Gx	02 38 47.9
NGC	1022	Gx	02 38 32.5
NGC	1023	Gx	02 40 24.1
NGC	1027	OC	02 42 42.0
NGC	103	OC	00 25 18.0
NGC	1030	Gx	02 39 50.5
NGC	1032	Gx	02 39 23.6
NGC	1035	Gx	02 39 29.0
NGC	1038	Gx	02 40 06.3
NGC	104	Gb	00 24 05.2
NGC	1042	Gx	02 40 23.9
NGC	1043	Gx	02 40 46.5
NGC	1047	Gx	02 40 32.8
NGC	1049	OC	02 39 42.0
NGC	105	Gx	00 25 16.9
NGC	1050	Gx	02 42 35.6
NGC	1052	Gx	02 41 04.6
NGC	1053	Gx	02 43 12.5
NGC	1055	Gx	02 41 45.3
NGC	1056	Gx	02 42 48.4
NGC	1058	Gx	02 43 29.9
NGC	1060	Gx	02 43 15.0
NGC	1072	Gx	02 43 31.3
NGC	1073	Gx	02 43 40.3
NGC	1077	Gx	02 46 00.6
NGC	108	Gx	00 25 59.7
NGC	1084	Gx	02 45 59.7
NGC	1086	Gx	02 47 56.2
NGC	1087	Gx	02 46 25.2
NGC	109	Gx	00 26 14.6
NGC	1090	Gx	02 46 34.0
NGC	1094	Gx	02 47 27.8
NGC	1097	Gx	02 46 19.5
NGC	1106	Gx	02 50 40.5
NGC	112	Gx	00 26 48.8
NGC	1138	Gx	02 56 36.3
NGC	1140	Gx	02 54 33.5
NGC	1143	Gx	02 55 09.7
NGC	1144	Gx	02 55 12.2
NGC	1149	Gx	02 57 23.8
NGC	1156	Gx	02 59 42.1
NGC	1159	Gx	03 00 46.4
NGC	1160	Gx	03 01 13.2
NGC	1161	Gx	03 01 14.1

NGC	1164	Gx	03 01 59.8
NGC	1169	Gx	03 03 34.8
NGC	1171	Gx	03 03 58.9
NGC	1172	Gx	03 01 36.0
NGC	1175	Gx	03 04 32.3
NGC	1177	Gx	03 04 37.2
NGC	1186	Gx	03 05 30.9
NGC	1187	Gx	03 02 37.6
NGC	1193	OC	03 05 48.0
NGC	1198	Gx	03 06 13.3
NGC	1199	Gx	03 03 38.4
NGC	1209	Gx	03 06 02.9
NGC	1220	OC	03 11 42.0
NGC	1224	Gx	03 11 13.5
NGC	1232	Gx	03 09 45.3
NGC	1233	Gx	03 12 33.1
NGC	1245	OC	03 14 42.0
NGC	1250	Gx	03 15 21.0
NGC	1257	Gx	03 16 26.0
NGC	1260	Gx	03 17 27.2
NGC	1261	Gb	03 12 15.3
NGC	1264	Gx	03 17 59.5
NGC	1265	Gx	03 18 15.8
NGC	1267	Gx	03 18 44.8
NGC	1268	Gx	03 18 45.2
NGC	1270	Gx	03 18 58.1
NGC	1271	Gx	03 19 11.2
NGC	1272	Gx	03 19 21.3
NGC	1273	Gx	03 19 26.8
NGC	1274	Gx	03 19 40.6
NGC	1275	Gx	03 19 48.1
NGC	1277	Gx	03 19 51.4
NGC	1278	Gx	03 19 54.1
NGC	1281	Gx	03 20 06.3
NGC	1282	Gx	03 20 12.0
NGC	1283	Gx	03 20 15.5
NGC	129	OC	00 29 54.0
NGC	1291	Gx	03 17 18.3
NGC	1293	Gx	03 21 36.4
NGC	1294	Gx	03 21 40.0
NGC	1297	Gx	03 19 14.0
NGC	13	Gx	00 08 47.7
NGC	1300	Gx	03 19 40.7
NGC	1302	Gx	03 19 51.1
NGC	1309	Gx	03 22 06.3
NGC	1316	Gx	03 22 41.4
NGC	1317	Gx	03 22 44.2
NGC	1326	Gx	03 23 56.4
NGC	133	OC	00 31 12.0
NGC	1330	Gx	03 29 11.8
NGC	1332	Gx	03 26 17.0
NGC	1333	Nb	03 29 06.0
NGC	1334	Gx	03 30 01.7
NGC	1335	Gx	03 30 19.4
NGC	1342	OC	03 31 36.0
NGC	1346	Gx	03 30 13.2
NGC	1348	OC	03 33 48.0
NGC	1350	Gx	03 31 07.9
NGC	1351	Gx	03 30 34.9

NGC	1355	Gx	03 33 23.5
NGC	1357	Gx	03 33 17.1
NGC	1359	Gx	03 33 47.8
NGC	136	OC	00 31 30.0
NGC	1360	PN	03 33 14.6
NGC	1361	Gx	03 34 17.7
NGC	1365	Gx	03 33 36.7
NGC	137	Gx	00 30 58.1
NGC	1371	Gx	03 35 01.2
NGC	1373	Gx	03 34 59.1
NGC	1374	Gx	03 35 16.6
NGC	1375	Gx	03 35 16.8
NGC	1376	Gx	03 37 06.0
NGC	1379	Gx	03 36 03.8
NGC	1380	Gx	03 36 27.5
NGC	1380 A	Gx	03 36 47.4
NGC	1381	Gx	03 36 31.8
NGC	1382	Gx	03 37 09.0
NGC	1385	Gx	03 37 28.6
NGC	1386	Gx	03 36 46.3
NGC	1387	Gx	03 36 57.2
NGC	1389	Gx	03 37 11.7
NGC	1395	Gx	03 38 29.6
NGC	1397	Gx	03 39 47.2
NGC	1398	Gx	03 38 52.0
NGC	1399	Gx	03 38 28.9
NGC	14	Gx	00 08 46.3
NGC	1400	Gx	03 39 30.7
NGC	1404	Gx	03 38 51.7
NGC	1407	Gx	03 40 11.8
NGC	1410	Gx	03 41 10.8
NGC	1417	Gx	03 41 57.2
NGC	1418	Gx	03 42 16.2
NGC	1421	Gx	03 42 29.4
NGC	1424	Gx	03 43 14.0
NGC	1427	Gx	03 42 19.2
NGC	1428	Gx	03 42 22.9
NGC	1432	Nb	03 46 00.0
NGC	1435	Nb	03 46 06.0
NGC	1437	Gx	03 43 37.1
NGC	1438	Gx	03 45 17.1
NGC	144	Gx	00 31 20.7
NGC	1440	Gx	03 45 02.9
NGC	1441	Gx	03 45 43.0
NGC	1444	OC	03 49 24.0
NGC	1449	Gx	03 46 03.0
NGC	1451	Gx	03 46 07.1
NGC	1452	Gx	03 45 22.3
NGC	1453	Gx	03 46 27.2
NGC	146	OC	00 33 06.0
NGC	1461	Gx	03 48 27.1
NGC	1465	Gx	03 53 31.9
NGC	1469	Gx	04 00 27.8
NGC	147	Gx	00 33 11.7
NGC	1485	Gx	04 05 03.4
NGC	1491	Nb	04 02 48.0
NGC	1496	OC	04 04 24.0
NGC	1499	Nb	04 01 18.0
NGC	1501	PN	04 06 59.4

Objekt-Übersicht

NGC	1502	OC	04 07 42.0
NGC	1507	Gx	04 04 27.2
NGC	1513	OC	04 10 00.0
NGC	1514	PN	04 09 17.0
NGC	1528	OC	04 15 24.0
NGC	1531	Gx	04 11 59.1
NGC	1532	Gx	04 12 03.8
NGC	1535	PN	04 14 15.8
NGC	1544	Gx	05 02 36.2
NGC	1545	OC	04 20 54.0
NGC	1548	OC	04 21 20.0
NGC	1550	Gx	04 19 38.1
NGC	1552	Gx	04 20 17.6
NGC	1554	Nb	04 21 48.0
NGC	1554/5	Nb	04 21.8
NGC	1555	Nb	04 22 03.0
NGC	1560	Gx	04 32 47.5
NGC	1569	Gx	04 30 49.1
NGC	157	Gx	00 34 46.4
NGC	1579	Nb	04 31 18.0
NGC	1582	OC	04 32 00.0
NGC	1587	Gx	04 30 40.0
NGC	1588	Gx	04 30 43.7
NGC	1589	Gx	04 30 45.4
NGC	1590	Gx	04 31 10.2
NGC	1599	Gx	04 31 38.8
NGC	16	Gx	00 09 04.2
NGC	160	Gx	00 36 04.1
NGC	1600	Gx	04 31 39.9
NGC	1601	Gx	04 31 41.7
NGC	1603	Gx	04 31 49.9
NGC	1605	OC	04 35 00.0
NGC	1606	Gx	04 32 03.3
NGC	1607	Gx	04 32 03.1
NGC	1608	Gx	04 32 06.1
NGC	1615	Gx	04 36 01.9
NGC	1618	Gx	04 36 06.6
NGC	1622	Gx	04 36 36.6
NGC	1624	OC	04 40 24.0
NGC	1633	Gx	04 40 09.1
NGC	1634	Gx	04 40 09.8
NGC	1636	Gx	04 40 40.2
NGC	1637	Gx	04 41 28.2
NGC	1638	Gx	04 41 36.4
NGC	1647	OC	04 46 00.0
NGC	1659	Gx	04 46 30.0
NGC	1662	OC	04 48 30.0
NGC	1663	OC	04 48 36.0
NGC	1664	OC	04 51 06.0
NGC	1667	Gx	04 48 37.0
NGC	1678	Gx	04 51 35.4
NGC	1682	Gx	04 52 19.7
NGC	1684	Gx	04 52 31.1
NGC	1685	Gx	04 52 34.2
NGC	169	Gx	00 36 51.7
NGC	1691	Gx	04 54 38.3
NGC	1699	Gx	04 56 59.5
NGC	1700	Gx	04 56 56.2
NGC	1709	Gx	04 58 44.0

NGC	1713	Gx	04 58 54.7
NGC	1719	Gx	04 59 34.5
NGC	1720	Gx	04 59 20.5
NGC	1721	Gx	04 59 17.4
NGC	1723	Gx	04 59 25.9
NGC	1724	OC	05 03 30.0
NGC	1725	Gx	04 59 22.9
NGC	1726	Gx	04 59 41.9
NGC	1728	Gx	04 59 27.8
NGC	174	Gx	00 36 58.8
NGC	1741	Gx	05 01 38.3
NGC	1746	OC	05 03 36.0
NGC	175	Gx	00 37 21.5
NGC	1750	OC	05 03 54.0
NGC	1758	OC	05 04 24.0
NGC	1762	Gx	05 03 37.0
NGC	1778	OC	05 08 06.0
NGC	1784	Gx	05 05 27.1
NGC	1788	Nb	05 06 30.0
NGC	1792	Gx	05 05 13.8
NGC	1798	OC	05 11 36.0
NGC	180	Gx	00 37 57.7
NGC	1802	OC	05 10 12.0
NGC	1807	OC	05 10 42.0
NGC	1808	Gx	05 07 42.5
NGC	181	Gx	00 38 23.3
NGC	1817	OC	05 12 06.0
NGC	1819	Gx	05 11 46.0
NGC	183	Gx	00 38 29.3
NGC	1832	Gx	05 12 03.0
NGC	184	Gx	00 38 35.8
NGC	185	Gx	00 38 57.6
NGC	1851	Gb	05 14 06.3
NGC	1857	OC	05 20 12.0
NGC	1875	Gx	05 21 45.7
NGC	188	OC	00 44 24.0
NGC	1883	OC	05 25 54.0
NGC	1886	Gx	05 21 48.2
NGC	189	OC	00 39 36.0
NGC	1893	OC	05 22 42.0
NGC	190	Gx	00 38 54.7
NGC	1907	OC	05 28 00.0
NGC	192	Gx	00 39 13.5
NGC	1924	Gx	05 28 01.9
NGC	193	Gx	00 39 18.5
NGC	1931	OC	05 31 24.0
NGC	194	Gx	00 39 18.3
NGC	196	Gx	00 39 17.8
NGC	1961	Gx	05 42 03.9
NGC	1964	Gx	05 33 21.8
NGC	1966	OC	05 26 48.0
NGC	1973	Nb	05 35 06.0
NGC	1975	Nb	05 35 24.0
NGC	1977	OC	05 35 30.0
NGC	1980	Nb	05 35 24.0
NGC	1980	OC	05 35 24.0
NGC	1981	OC	05 35 12.0
NGC	1985	Nb	05 37 45.2
NGC	1999	Nb	05 36 30.0

NGC	2	Gx	00 07 17.1
NGC	20	Gx	00 09 32.6
NGC	200	Gx	00 39 34.7
NGC	201	Gx	00 39 34.9
NGC	2017	OC	05 39 16.2
NGC	2022	PN	05 42 06.2
NGC	2023	Nb	05 41 30.0
NGC	2024	Nb	05 41 54.0
NGC	206	OC	00 40 36.0
NGC	2064	Nb	05 46 36.0
NGC	2067	Nb	05 46 30.0
NGC	2070	Nb	05 38 36.0
NGC	2071	Nb	05 47 36.0
NGC	2090	Gx	05 47 01.6
NGC	21	Gx	00 10 47.0
NGC	210	Gx	00 40 34.8
NGC	2112	OC	05 53 54.0
NGC	2126	OC	06 03 00.0
NGC	2127	OC	05 51 06.0
NGC	2128	Gx	06 04 34.0
NGC	2129	OC	06 01 00.0
NGC	213	Gx	00 41 09.9
NGC	214	Gx	00 41 28.0
NGC	2141	OC	06 03 06.0
NGC	2146	Gx	06 18 38.3
NGC	2146A	Gx	06 23 54.6
NGC	2149	Nb	06 03 30.0
NGC	2158	OC	06 07 30.0
NGC	2165	OC	06 11 09.0
NGC	2169	OC	06 08 24.0
NGC	2170	Nb	06 07 24.0
NGC	2174	Nb	06 09 42.0
NGC	2175	OC	06 09 48.0
NGC	2182	Nb	06 09 24.0
NGC	2185	Nb	06 10 24.0
NGC	2186	OC	06 12 12.0
NGC	2188	Gx	06 10 09.7
NGC	219	Gx	00 42 11.3
NGC	2192	OC	06 15 12.0
NGC	2194	OC	06 13 48.0
NGC	2195	Nb	06 14 33.9
NGC	22	Gx	00 09 48.2
NGC	2204	OC	06 15 42.0
NGC	2207	Gx	06 16 21.8
NGC	2208	Gx	06 22 34.6
NGC	2215	OC	06 21 00.0
NGC	2231	OC	06 20 24.0
NGC	2232	OC	06 26 36.0
NGC	2236	OC	06 29 42.0
NGC	2237-9/46	Nb	06 30.3
NGC	2239	OC	06 31 00.0
NGC	2240	OC	06 33 04.0
NGC	2242	PN	06 34 07.4
NGC	2244	OC	06 32 24.0
NGC	2245	Nb	06 32 48.0
NGC	2246	Nb	06 32 24.0
NGC	2247	Nb	06 32 48.0
NGC	225	OC	00 43 24.0
NGC	2250	OC	06 32 48.0

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NGC	2251	OC	06 34 42.0
NGC	2252	OC	06 35 00.0
NGC	2254	OC	06 36 00.0
NGC	2256	Gx	06 47 14.2
NGC	2258	Gx	06 47 46.5
NGC	2259	OC	06 38 36.0
NGC	226	Gx	00 42 53.9
NGC	2260	OC	06 38 09.0
NGC	2261	Nb	06 38 42.0
NGC	2262	OC	06 38 24.0
NGC	2264	OC	06 41 06.0
NGC	2266	OC	06 43 12.0
NGC	2268	Gx	07 14 17.5
NGC	2269	OC	06 43 54.0
NGC	2273	Gx	06 50 08.4
NGC	2274	Gx	06 47 17.4
NGC	2275	Gx	06 47 17.9
NGC	2276	Gx	07 27 21.0
NGC	228	Gx	00 42 54.5
NGC	2281	OC	06 49 18.0
NGC	2282	Nb	06 46 54.0
NGC	2286	OC	06 47 36.0
NGC	2289	Gx	06 50 53.6
NGC	229	Gx	00 43 04.7
NGC	2290	Gx	06 50 56.9
NGC	2291	Gx	06 50 58.6
NGC	2294	Gx	06 51 11.2
NGC	2298	Gb	06 48 59.2
NGC	23	Gx	00 09 53.3
NGC	2300	Gx	07 32 20.3
NGC	2301	OC	06 51 48.0
NGC	2302	OC	06 51 54.0
NGC	2304	OC	06 55 00.0
NGC	2309	OC	06 56 12.0
NGC	2311	OC	06 57 48.0
NGC	2314	Gx	07 10 31.8
NGC	2315	Gx	07 02 33.0
NGC	2316	Nb	06 59 42.0
NGC	2320	Gx	07 05 41.9
NGC	2321	Gx	07 05 58.9
NGC	2322	Gx	07 06 00.3
NGC	2324	OC	07 04 12.0
NGC	2326	Gx	07 08 10.9
NGC	2327	Nb	07 04 18.0
NGC	2329	Gx	07 09 07.9
NGC	233	Gx	00 43 36.5
NGC	2331	OC	07 07 12.0
NGC	2332	Gx	07 09 33.8
NGC	2333	Gx	07 08 21.2
NGC	2335	OC	07 06 36.0
NGC	2336	Gx	07 27 03.6
NGC	2337	Gx	07 10 13.6
NGC	2339	Gx	07 08 20.3
NGC	234	Gx	00 43 32.3
NGC	2340	Gx	07 11 10.7
NGC	2341	Gx	07 09 12.0
NGC	2342	Gx	07 09 18.1
NGC	2345	OC	07 08 18.0
NGC	2346	PN	07 09 22.5

NGC	2347	Gx	07 16 04.0
NGC	2350	Gx	07 13 12.1
NGC	2353	OC	07 14 36.0
NGC	2354	OC	07 14 18.0
NGC	2355	OC	07 16 54.0
NGC	2357	Gx	07 17 40.9
NGC	2359	Nb	07 18 18.0
NGC	2360	OC	07 17 48.0
NGC	2362	OC	07 18 48.0
NGC	2365	Gx	07 22 22.3
NGC	2366	Gx	07 28 55.3
NGC	2367	OC	07 20 06.0
NGC	2368	OC	07 21 00.0
NGC	237	Gx	00 43 27.9
NGC	2371	PN	07 25 33.9
NGC	2374	OC	07 24 00.0
NGC	2379	Gx	07 27 26.2
NGC	2383	OC	07 24 48.0
NGC	2384	OC	07 25 06.0
NGC	2385	Gx	07 28 28.2
NGC	2388	Gx	07 28 53.5
NGC	2389	Gx	07 29 04.8
NGC	2391	OC	07 29 07.6
NGC	2392	PN	07 29 10.8
NGC	2393	Gx	07 30 04.9
NGC	2395	OC	07 27 06.0
NGC	2396	OC	07 28 06.0
NGC	24	Gx	00 09 56.1
NGC	2401	OC	07 29 24.0
NGC	2403	Gx	07 36 50.6
NGC	2406	Gx	07 31 47.7
NGC	2407	Gx	07 31 56.6
NGC	2408	OC	07 41 18.0
NGC	2410	Gx	07 35 02.2
NGC	2411	Gx	07 34 36.4
NGC	2414	OC	07 33 18.0
NGC	2415	Gx	07 36 56.5
NGC	2418	Gx	07 36 37.4
NGC	2419	Gb	07 38 08.5
NGC	2420	OC	07 38 30.0
NGC	2421	OC	07 36 18.0
NGC	2423	OC	07 37 06.0
NGC	2424	Gx	07 40 39.3
NGC	2425	OC	07 38 18.0
NGC	2426	Gx	07 43 18.4
NGC	243	Gx	00 46 00.7
NGC	2432	OC	07 40 54.0
NGC	2435	Gx	07 44 13.4
NGC	2438	PN	07 41 50.6
NGC	2439	OC	07 40 48.0
NGC	2440	PN	07 41 55.4
NGC	2441	Gx	07 51 54.5
NGC	2451	OC	07 45 24.0
NGC	2452	PN	07 47 26.2
NGC	2453	OC	07 47 48.0
NGC	2455	OC	07 49 00.0
NGC	246	PN	00 47 03.3
NGC	2467	OC	07 52 36.0
NGC	247	Gx	00 47 08.3

NGC	2476	Gx	07 56 45.2
NGC	2477	OC	07 52.2
NGC	2479	OC	07 55 06.0
NGC	2481	Gx	07 57 13.7
NGC	2482	OC	07 54 54.0
NGC	2483	OC	07 55 54.0
NGC	2486	Gx	07 57 56.5
NGC	2487	Gx	07 58 20.3
NGC	2489	OC	07 56 12.0
NGC	2493	Gx	08 00 23.8
NGC	2498	Gx	07 59 38.7
NGC	2500	Gx	08 01 53.0
NGC	2506	OC	08 00 12.0
NGC	2509	OC	08 00 42.0
NGC	2510	Gx	08 02 10.5
NGC	2512	Gx	08 03 07.6
NGC	2513	Gx	08 02 24.7
NGC	2516	OC	07 58 18.0
NGC	2518	Gx	08 07 20.2
NGC	252	Gx	00 48 01.7
NGC	2520	OC	08 02 36.0
NGC	2523	Gx	08 15 00.0
NGC	2523 B	Gx	08 12 56.8
NGC	2523 C	Gx	08 17 44.2
NGC	2527	OC	08 05 18.0
NGC	253	Gx	00 47 34.3
NGC	2532	Gx	08 10 15.2
NGC	2534	Gx	08 12 54.1
NGC	2535	Gx	08 11 13.6
NGC	2536	Gx	08 11 16.1
NGC	2537	Gx	08 13 14.4
NGC	2539	OC	08 10 42.0
NGC	2541	Gx	08 14 40.0
NGC	2543	Gx	08 12 57.8
NGC	2544	Gx	08 21 40.3
NGC	2545	Gx	08 14 14.1
NGC	2546	OC	08 12 24.0
NGC	2547	OC	08 10.2
NGC	2549	Gx	08 18 58.3
NGC	255	Gx	00 47 47.3
NGC	2550	Gx	08 24 33.7
NGC	2551	Gx	08 24 50.2
NGC	2552	Gx	08 19 19.6
NGC	2554	Gx	08 17 53.4
NGC	2557	Gx	08 19 10.9
NGC	2558	Gx	08 19 12.7
NGC	2560	Gx	08 19 51.9
NGC	2562	Gx	08 20 23.5
NGC	2563	Gx	08 20 35.7
NGC	2567	OC	08 18 36.0
NGC	257	Gx	00 48 01.6
NGC	2571	OC	08 18 54.0
NGC	2575	Gx	08 22 45.0
NGC	2579	OC	08 21 06.0
NGC	2587	OC	08 23 30.0
NGC	2591	Gx	08 37 25.5
NGC	2592	Gx	08 27 08.1
NGC	2594	Gx	08 27 17.1
NGC	2595	Gx	08 27 41.9

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NGC	2598	Gx	08 30 02.5
NGC	26	Gx	00 10 25.9
NGC	260	Gx	00 48 34.9
NGC	2604	Gx	08 33 22.9
NGC	2608	Gx	08 35 17.2
NGC	2610	PN	08 33 23.4
NGC	2614	Gx	08 42 47.6
NGC	2619	Gx	08 37 32.6
NGC	262	Gx	00 48 47.1
NGC	2623	Gx	08 38 24.1
NGC	2624	Gx	08 38 09.6
NGC	2625	Gx	08 38 23.1
NGC	2626	Nb	08 35 30.0
NGC	2627	OC	08 37 18.0
NGC	2629	Gx	08 47 15.2
NGC	2633	Gx	08 48 04.6
NGC	2634	Gx	08 48 25.5
NGC	2636	Gx	08 48 24.4
NGC	2637	Gx	08 41 13.4
NGC	2638	Gx	08 42 25.8
NGC	2639	Gx	08 43 37.8
NGC	2641	Gx	08 47 57.4
NGC	2643	Gx	08 41 51.7
NGC	2646	Gx	08 50 21.8
NGC	2647	Gx	08 42 43.0
NGC	2649	Gx	08 44 08.1
NGC	2650	Gx	08 49 58.3
NGC	2654	Gx	08 49 12.0
NGC	2655	Gx	08 55 37.7
NGC	2656	Gx	08 47 53.1
NGC	2658	OC	08 43 24.0
NGC	266	Gx	00 49 47.8
NGC	2660	OC	08 42 12.0
NGC	2668	Gx	08 49 22.5
NGC	2669	OC	08 44 54.0
NGC	2670	OC	08 45 30.0
NGC	2672	Gx	08 49 21.8
NGC	2673	Gx	08 49 24.1
NGC	2675	Gx	08 52 05.0
NGC	2676	Gx	08 51 35.6
NGC	2679	Gx	08 51 32.9
NGC	2681	Gx	08 53 32.5
NGC	2683	Gx	08 52 41.3
NGC	2684	Gx	08 54 53.8
NGC	2685	Gx	08 55 34.9
NGC	2691	Gx	08 54 46.3
NGC	2692	Gx	08 56 57.8
NGC	2693	Gx	08 56 59.4
NGC	2694	Gx	08 56 59.2
NGC	2695	Gx	08 54 27.0
NGC	2698	Gx	08 55 36.4
NGC	2699	Gx	08 55 48.8
NGC	27	Gx	00 10 32.7
NGC	2701	Gx	08 59 05.5
NGC	2704	Gx	08 56 47.7
NGC	2712	Gx	08 59 30.6
NGC	2713	Gx	08 57 20.6
NGC	2715	Gx	09 08 05.9
NGC	2716	Gx	08 57 35.8

NGC	2718	Gx	08 58 50.3
NGC	2719	Gx	09 00 15.6
NGC	2719	Gx	09 00 15.9
NGC	2723	Gx	09 00 14.3
NGC	2724	Gx	09 01 01.8
NGC	2726	Gx	09 04 56.8
NGC	2729	Gx	09 01 28.6
NGC	2732	Gx	09 13 25.0
NGC	2736	Nb	09 00 18.0
NGC	274	Gx	00 51 01.8
NGC	2742	Gx	09 07 33.2
NGC	2744	Gx	09 04 39.1
NGC	2746	Gx	09 05 59.5
NGC	2748	Gx	09 13 43.0
NGC	2749	Gx	09 05 21.3
NGC	275	Gx	00 51 04.5
NGC	2756	Gx	09 09 00.9
NGC	2759	Gx	09 08 37.2
NGC	2761	Gx	09 07 30.7
NGC	2766	Gx	09 08 47.4
NGC	2767	Gx	09 10 11.8
NGC	2768	Gx	09 11 37.4
NGC	2769	Gx	09 10 32.3
NGC	2771	Gx	09 10 39.7
NGC	2775	Gx	09 10 20.1
NGC	2776	Gx	09 12 14.5
NGC	2778	Gx	09 12 24.5
NGC	2779	Gx	09 12 28.3
NGC	278	Gx	00 52 04.5
NGC	2780	Gx	09 12 44.3
NGC	2782	Gx	09 14 05.0
NGC	2783	Gx	09 13 39.4
NGC	2784	Gx	09 12 19.4
NGC	2787	Gx	09 19 18.4
NGC	2789	Gx	09 14 59.7
NGC	2790	Gx	09 15 02.7
NGC	2792	PN	09 12 26.5
NGC	2793	Gx	09 16 46.6
NGC	2794	Gx	09 16 01.7
NGC	2795	Gx	09 16 03.7
NGC	2797	Gx	09 16 21.7
NGC	2800	Gx	09 18 35.1
NGC	2805	Gx	09 20 20.4
NGC	2808	Gb	09 12 02.6
NGC	2809	Gx	09 17 06.9
NGC	281	Nb	00 52 48.0
NGC	281	OC	00 52 48.0
NGC	2813	Gx	09 17 45.4
NGC	2814	Gx	09 21 11.5
NGC	2818	PN	09 16 01.6
NGC	282	Gx	00 52 42.0
NGC	2820	Gx	09 21 46.0
NGC	2823	Gx	09 19 17.4
NGC	2825	Gx	09 19 22.4
NGC	2826	Gx	09 19 24.1
NGC	2827	Gx	09 19 18.9
NGC	2828	Gx	09 19 34.8
NGC	2830	Gx	09 19 41.2
NGC	2831	Gx	09 19 45.6

NGC	2832	Gx	09 19 46.8
NGC	2833	Gx	09 19 57.8
NGC	2834	Gx	09 20 02.5
NGC	2840	Gx	09 20 52.7
NGC	2841	Gx	09 22 02.3
NGC	2843	Gx	09 20 28.7
NGC	2855	Gx	09 21 27.5
NGC	2859	Gx	09 24 18.6
NGC	2867	PN	09 21 25.4
NGC	287	Gx	00 53 28.3
NGC	2872	Gx	09 25 42.9
NGC	2874	Gx	09 25 47.8
NGC	2876	Gx	09 25 13.8
NGC	288	Gb	00 52 47.5
NGC	2880	Gx	09 29 34.6
NGC	2885	Gx	09 29 40.3
NGC	2892	Gx	09 32 52.8
NGC	2894	Gx	09 29 30.2
NGC	2896	Gx	09 30 16.9
NGC	29	Gx	00 10 47.0
NGC	2903	Gx	09 32 09.7
NGC	2906	Gx	09 32 06.2
NGC	2911	Gx	09 33 46.5
NGC	2913	Gx	09 34 02.7
NGC	2914	Gx	09 34 02.7
NGC	2916	Gx	09 34 57.5
NGC	2919	Gx	09 34 47.6
NGC	292	Gx	00 52 38.0
NGC	2925	OC	09 33 42.0
NGC	2927	Gx	09 37 15.1
NGC	2929	Gx	09 37 29.7
NGC	2930	Gx	09 37 32.6
NGC	2931	Gx	09 37 37.6
NGC	2939	Gx	09 38 07.9
NGC	2940	Gx	09 38 05.1
NGC	295	Gx	00 55 07.4
NGC	2950	Gx	09 42 34.8
NGC	2955	Gx	09 41 16.4
NGC	2957	Gx	09 47 17.9
NGC	2958	Gx	09 40 41.6
NGC	2959	Gx	09 45 08.9
NGC	2961	Gx	09 45 22.3
NGC	2962	Gx	09 40 54.0
NGC	2963	Gx	09 47 49.8
NGC	2964	Gx	09 42 54.1
NGC	2967	Gx	09 42 03.3
NGC	2968	Gx	09 43 11.9
NGC	2970	Gx	09 43 31.0
NGC	2974	Gx	09 42 33.2
NGC	2976	Gx	09 47 14.7
NGC	2985	Gx	09 50 21.4
NGC	2998	Gx	09 48 43.6
NGC	300	Gx	00 54 53.3
NGC	3002	Gx	09 49 17.2
NGC	3003	Gx	09 48 35.9
NGC	3005	Gx	09 49 14.9
NGC	3006	Gx	09 49 21.3
NGC	3008	Gx	09 49 34.1
NGC	3009	Gx	09 50 11.2

Objekt-Übersicht

NGC	3010	Gx	09 50 34.5
NGC	3011	Gx	09 49 41.1
NGC	3012	Gx	09 49 52.0
NGC	3016	Gx	09 49 50.6
NGC	3020	Gx	09 50 06.5
NGC	3021	Gx	09 50 57.2
NGC	3023	Gx	09 49 52.6
NGC	3024	Gx	09 50 27.3
NGC	3027	Gx	09 55 40.3
NGC	3031	Gx	09 55 33.5
NGC	3034	Gx	09 55 54.0
NGC	3041	Gx	09 53 07.1
NGC	3042	Gx	09 53 20.2
NGC	3043	Gx	09 56 14.4
NGC	3044	Gx	09 53 40.8
NGC	3065	Gx	10 01 49.9
NGC	3066	Gx	10 02 10.0
NGC	3067	Gx	09 58 21.5
NGC	3073	Gx	10 00 52.2
NGC	3074	Gx	09 59 41.2
NGC	3077	Gx	10 03 20.3
NGC	3079	Gx	10 01 57.7
NGC	309	Gx	00 56 42.6
NGC	3098	Gx	10 02 16.7
NGC	3106	Gx	10 04 05.2
NGC	3107	Gx	10 04 22.4
NGC	311	Gx	00 57 32.8
NGC	3110	Gx	10 04 01.9
NGC	3114	OC	10 02 42.0
NGC	3115	Gx	10 05 14.1
NGC	3119	Gx	10 06 47.8
NGC	3121	Gx	10 06 51.8
NGC	3126	Gx	10 08 20.6
NGC	3145	Gx	10 10 09.9
NGC	3147	Gx	10 16 53.2
NGC	315	Gx	00 57 49.0
NGC	3150	Gx	10 13 26.2
NGC	3151	Gx	10 13 29.0
NGC	3152	Gx	10 13 34.1
NGC	3156	Gx	10 12 41.1
NGC	3158	Gx	10 13 50.5
NGC	3159	Gx	10 13 52.8
NGC	3160	Gx	10 13 55.2
NGC	3161	Gx	10 13 59.1
NGC	3162	Gx	10 13 31.5
NGC	3163	Gx	10 14 07.1
NGC	3165	Gx	10 13 31.4
NGC	3166	Gx	10 13 45.5
NGC	3169	Gx	10 14 14.7
NGC	317 A	Gx	00 57 39.0
NGC	317 B	Gx	00 57 40.5
NGC	3172	Gx	11 47 14.5
NGC	3177	Gx	10 16 34.1
NGC	3179	Gx	10 17 57.2
NGC	3183	Gx	10 21 48.6
NGC	3184	Gx	10 18 17.0
NGC	3185	Gx	10 17 38.4
NGC	3187	Gx	10 17 47.7
NGC	3190	Gx	10 18 05.6

NGC	3193	Gx	10 18 24.8
NGC	3198	Gx	10 19 54.9
NGC	3199	Nb	10 17 24.0
NGC	3201	Gb	10 17.6
NGC	3204	Gx	10 20 11.2
NGC	3209	Gx	10 20 38.5
NGC	3213	Gx	10 21 17.4
NGC	3216	Gx	10 21 41.2
NGC	3221	Gx	10 22 20.2
NGC	3222	Gx	10 22 34.4
NGC	3226	Gx	10 23 26.9
NGC	3227	Gx	10 23 30.4
NGC	3228	OC	10 21 48.0
NGC	3239	Gx	10 25 05.5
NGC	3242	PN	10 24 46.1
NGC	3245	Gx	10 27 18.2
NGC	3248	Gx	10 27 45.3
NGC	3254	Gx	10 29 19.9
NGC	3259	Gx	10 32 34.5
NGC	326	Gx	00 58 22.6
NGC	3263	Gx	10 29 13.3
NGC	3265	Gx	10 31 06.8
NGC	3277	Gx	10 32 55.4
NGC	3279	Gx	10 34 42.6
NGC	3287	Gx	10 34 47.2
NGC	3293	OC	10 35.8
NGC	3294	Gx	10 36 16.0
NGC	3299	Gx	10 36 23.9
NGC	330	OC	00 56 12.0
NGC	3300	Gx	10 36 38.5
NGC	3301	Gx	10 36 55.8
NGC	3304	Gx	10 37 37.9
NGC	3306	Gx	10 37 10.1
NGC	3310	Gx	10 38 45.6
NGC	3324	Nb	10 37 24.0
NGC	3329	Gx	10 44 39.0
NGC	3334	Gx	10 41 31.1
NGC	3338	Gx	10 42 07.6
NGC	3344	Gx	10 43 30.9
NGC	3346	Gx	10 43 38.7
NGC	3348	Gx	10 47 10.0
NGC	3350	Gx	10 44 22.9
NGC	3353	Gx	10 45 22.2
NGC	3357	Gx	10 44 20.9
NGC	3359	Gx	10 46 36.3
NGC	3367	Gx	10 46 34.9
NGC	337	Gx	00 59 49.9
NGC	3372	Nb	10 45 06.0
NGC	3374	Gx	10 48 01.0
NGC	3377	Gx	10 47 42.3
NGC	338	Gx	01 00 36.5
NGC	3380	Gx	10 48 12.1
NGC	3381	Gx	10 48 24.7
NGC	3384	Gx	10 48 16.7
NGC	3389	Gx	10 48 28.0
NGC	3391	Gx	10 48 56.4
NGC	3395	Gx	10 49 49.9
NGC	3396	Gx	10 49 55.6
NGC	3400	Gx	10 50 45.5

NGC	3412	Gx	10 50 53.3
NGC	3413	Gx	10 51 20.7
NGC	3414	Gx	10 51 16.1
NGC	3415	Gx	10 51 42.4
NGC	3418	Gx	10 51 23.9
NGC	3419	Gx	10 51 17.8
NGC	3423	Gx	10 51 14.4
NGC	3424	Gx	10 51 46.2
NGC	3425	Gx	10 51 25.0
NGC	3427	Gx	10 51 26.2
NGC	3430	Gx	10 52 11.5
NGC	3432	Gx	10 52 31.0
NGC	3433	Gx	10 52 04.0
NGC	3434	Gx	10 51 58.0
NGC	3435	Gx	10 54 48.2
NGC	3436	Gx	10 51 06.5
NGC	3437	Gx	10 52 35.3
NGC	3440	Gx	10 53 49.5
NGC	3441	Gx	10 52 31.0
NGC	3442	Gx	10 53 08.0
NGC	3445	Gx	10 54 35.8
NGC	3448	Gx	10 54 38.8
NGC	3451	Gx	10 54 21.1
NGC	3458	Gx	10 56 01.4
NGC	346	OC	00 59 06.0
NGC	3462	Gx	10 55 21.0
NGC	3471	Gx	10 59 08.8
NGC	3481	Gx	10 59 26.4
NGC	3485	Gx	11 00 02.4
NGC	3486	Gx	11 00 24.0
NGC	3488	Gx	11 01 23.6
NGC	3489	Gx	11 00 18.4
NGC	3495	Gx	11 01 15.8
NGC	3499	Gx	11 03 10.9
NGC	3501	Gx	11 02 47.3
NGC	3504	Gx	11 03 11.1
NGC	3507	Gx	11 03 25.5
NGC	3510	Gx	11 03 43.7
NGC	3512	Gx	11 04 02.7
NGC	3516	Gx	11 06 47.5
NGC	3517	Gx	11 05 36.9
NGC	3521	Gx	11 05 48.8
NGC	3530	Gx	11 08 40.3
NGC	3532	OC	11 05.2
NGC	354	Gx	01 03 16.3
NGC	3543	Gx	11 10 56.5
NGC	3547	Gx	11 09 55.9
NGC	3549	Gx	11 10 56.8
NGC	355	Gx	01 03 06.9
NGC	3550	Gx	11 10 38.3
NGC	3552	Gx	11 10 42.8
NGC	3554	Gx	11 10 47.8
NGC	3559	Gx	11 10 45.1
NGC	3562	Gx	11 12 58.4
NGC	357	Gx	01 03 21.8
NGC	3572	OC	11 10 24.0
NGC	3577	Gx	11 13 44.8
NGC	3581	Nb	11 12 00.0
NGC	3583	Gx	11 14 11.0

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NGC	3589	Gx	11 15 13.3
NGC	3590	OC	11 12 54.0
NGC	3593	Gx	11 14 37.0
NGC	3595	Gx	11 15 25.4
NGC	3596	Gx	11 15 06.1
NGC	3598	Gx	11 15 11.5
NGC	3599	Gx	11 15 26.8
NGC	3600	Gx	11 15 52.0
NGC	3603	Nb	11 15 06.0
NGC	3605	Gx	11 16 46.6
NGC	3606	Gx	11 16 15.6
NGC	3607	Gx	11 16 54.5
NGC	3608	Gx	11 16 59.0
NGC	3610	Gx	11 18 24.9
NGC	3611	Gx	11 17 30.1
NGC	3613	Gx	11 18 35.9
NGC	3615	Gx	11 18 06.5
NGC	3618	Gx	11 18 32.4
NGC	3619	Gx	11 19 21.5
NGC	362	Gb	01 03 14.3
NGC	3621	Gx	11 18 15.8
NGC	3625	Gx	11 20 31.2
NGC	3626	Gx	11 20 03.6
NGC	3628	Gx	11 20 16.7
NGC	3630	Gx	11 20 16.9
NGC	3631	Gx	11 21 02.7
NGC	3634	Gx	11 20 30.3
NGC	3635	Gx	11 20 31.3
NGC	3640	Gx	11 21 06.7
NGC	3641	Gx	11 21 08.8
NGC	3642	Gx	11 22 17.5
NGC	3646	Gx	11 21 43.2
NGC	3649	Gx	11 22 14.8
NGC	3650	Gx	11 22 35.4
NGC	3651	Gx	11 22 26.3
NGC	3653	Gx	11 22 30.0
NGC	3655	Gx	11 22 54.7
NGC	3656	Gx	11 23 38.6
NGC	3657	Gx	11 23 55.4
NGC	3658	Gx	11 23 58.5
NGC	3659	Gx	11 23 45.1
NGC	366	OC	01 06 24.0
NGC	3664	Gx	11 24 24.4
NGC	3665	Gx	11 24 43.6
NGC	3666	Gx	11 24 26.2
NGC	3669	Gx	11 25 26.5
NGC	3670	Gx	11 24 49.6
NGC	3674	Gx	11 26 26.3
NGC	3675	Gx	11 26 08.1
NGC	3681	Gx	11 26 29.7
NGC	3683	Gx	11 27 31.7
NGC	3683 A	Gx	11 29 11.6
NGC	3683A	Gx	11 27 31.7
NGC	3684	Gx	11 27 11.1
NGC	3686	Gx	11 27 44.1
NGC	3689	Gx	11 28 10.8
NGC	3690	Gx	11 28 32.4
NGC	3691	Gx	11 28 09.4
NGC	3692	Gx	11 28 23.8

NGC	3697 A	Gx	11 28.7
NGC	3697 B	Gx	11 29.0
NGC	3697 C	Gx	11 29.0
NGC	3699	PN	11 27 57.2
NGC	3701	Gx	11 29 28.8
NGC	3705	Gx	11 30 07.6
NGC	371	OC	01 03 18.0
NGC	3710	Gx	11 31 06.9
NGC	3713	Gx	11 31 41.9
NGC	3714	Gx	11 31 53.6
NGC	3718	Gx	11 32 34.7
NGC	3725	Gx	11 33 40.7
NGC	3726	Gx	11 33 20.8
NGC	3729	Gx	11 33 49.2
NGC	3733	Gx	11 35 01.7
NGC	3735	Gx	11 35 57.1
NGC	3737	Gx	11 35 36.2
NGC	3738	Gx	11 35 48.2
NGC	374	Gx	01 07 05.8
NGC	3745	Gx	11 37 44.5
NGC	3746	Gx	11 37 43.6
NGC	3748	Gx	11 37 49.1
NGC	375	Gx	01 07 05.8
NGC	3750	Gx	11 37 51.6
NGC	3751	Gx	11 37 53.9
NGC	3753	Gx	11 37 53.8
NGC	3754	Gx	11 37 55.0
NGC	3756	Gx	11 36 47.8
NGC	3757	Gx	11 37 02.9
NGC	3759	Gx	11 36 53.8
NGC	3759A	Gx	11 36 58.0
NGC	3762	Gx	11 37 23.8
NGC	3769	Gx	11 37 44.1
NGC	3770	Gx	11 37 58.7
NGC	3771	Gx	11 39 05.9
NGC	3773	Gx	11 38 13.0
NGC	3780	Gx	11 39 21.9
NGC	3781	Gx	11 39 03.9
NGC	3782	Gx	11 39 20.5
NGC	3784	Gx	11 39 29.7
NGC	3785	Gx	11 39 32.9
NGC	3786	Gx	11 39 42.5
NGC	3787	Gx	11 39 38.1
NGC	3788	Gx	11 39 44.7
NGC	379	Gx	01 07 15.7
NGC	3790	Gx	11 39 47.2
NGC	3795	Gx	11 40 06.7
NGC	3796	Gx	11 40 31.0
NGC	3798	Gx	11 40 13.9
NGC	380	Gx	01 07 17.6
NGC	3801	Gx	11 40 16.8
NGC	3804	Gx	11 40 54.0
NGC	3805	Gx	11 40 41.6
NGC	3808	Gx	11 40 44.0
NGC	3809	Gx	11 41 15.9
NGC	381	OC	01 08 18.0
NGC	3810	Gx	11 40 58.6
NGC	3811	Gx	11 41 16.5
NGC	3812	Gx	11 41 07.8

NGC	3813	Gx	11 41 18.5
NGC	3815	Gx	11 41 39.3
NGC	3816	Gx	11 41 47.8
NGC	382	Gx	01 07 23.9
NGC	3821	Gx	11 42 09.0
NGC	3824	Gx	11 42 44.8
NGC	3826	Gx	11 42 32.9
NGC	383	Gx	01 07 24.9
NGC	3835	Gx	11 44 05.0
NGC	3837	Gx	11 43 56.6
NGC	3838	Gx	11 44 13.4
NGC	384	Gx	01 07 25.0
NGC	3840	Gx	11 43 59.0
NGC	3841	Gx	11 44 02.1
NGC	3842	Gx	11 44 02.0
NGC	3844	Gx	11 44 00.9
NGC	3845	Gx	11 44 05.5
NGC	3846 A	Gx	11 44.5
NGC	3847	Gx	11 44 14.0
NGC	385	Gx	01 07 27.2
NGC	3851	Gx	11 44 20.4
NGC	3857	Gx	11 44 50.1
NGC	3859	Gx	11 44 52.4
NGC	386	Gx	01 07 31.2
NGC	3860	Gx	11 44 49.2
NGC	3861	Gx	11 45 03.8
NGC	3862	Gx	11 45 05.0
NGC	3867	Gx	11 45 29.6
NGC	3868	Gx	11 45 30.0
NGC	3869	Gx	11 45 45.5
NGC	3870	Gx	11 45 56.6
NGC	3871	Gx	11 46 10.1
NGC	3872	Gx	11 45 48.9
NGC	3873	Gx	11 45 46.0
NGC	3875	Gx	11 45 49.4
NGC	3877	Gx	11 46 07.3
NGC	3878	Gx	11 46 17.7
NGC	3880	Gx	11 46 22.2
NGC	3881	Gx	11 46 34.4
NGC	3883	Gx	11 46 47.1
NGC	3884	Gx	11 46 12.1
NGC	3886	Gx	11 47 05.5
NGC	3888	Gx	11 47 34.9
NGC	3893	Gx	11 48 38.2
NGC	3894	Gx	11 48 50.2
NGC	3895	Gx	11 49 03.8
NGC	3896	Gx	11 48 56.3
NGC	3897	Gx	11 48 59.4
NGC	3898	Gx	11 49 15.3
NGC	3906	Gx	11 49 40.2
NGC	391	Gx	01 07 22.5
NGC	3910	Gx	11 49 59.3
NGC	3913	Gx	11 50 38.4
NGC	3916	Gx	11 50 51.2
NGC	3917	Gx	11 50 45.6
NGC	3918	PN	11 50 17.8
NGC	392	Gx	01 08 23.3
NGC	3920	Gx	11 50 05.9
NGC	3921	Gx	11 51 06.8

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NGC	3922	Gx	11 51 13.4
NGC	3928	Gx	11 51 47.6
NGC	3930	Gx	11 51 45.7
NGC	3931	Gx	11 51 13.4
NGC	3938	Gx	11 52 49.2
NGC	394	Gx	01 08 26.1
NGC	3941	Gx	11 52 55.3
NGC	3945	Gx	11 53 13.4
NGC	3949	Gx	11 53 41.4
NGC	395	OC	01 05 18.0
NGC	3951	Gx	11 53 41.3
NGC	3952	Gx	11 53 40.1
NGC	3953	Gx	11 53 48.4
NGC	3958	Gx	11 54 33.5
NGC	3962	Gx	11 54 39.8
NGC	3963	Gx	11 54 58.8
NGC	3972	Gx	11 55 45.3
NGC	3973	Gx	11 55 37.0
NGC	3976	Gx	11 55 57.2
NGC	3977	Gx	11 56 07.3
NGC	3978	Gx	11 56 10.6
NGC	398	Gx	01 08 53.6
NGC	3981	Gx	11 56 07.0
NGC	3982	Gx	11 56 28.0
NGC	3983	Gx	11 56 23.6
NGC	3985	Gx	11 56 41.5
NGC	3987	Gx	11 57 20.9
NGC	3988	Gx	11 57 24.2
NGC	399	Gx	01 08 59.1
NGC	3990	Gx	11 57 35.5
NGC	3993	Gx	11 57 37.6
NGC	3995	Gx	11 57 44.0
NGC	3997	Gx	11 57 48.5
NGC	3998	Gx	11 57 55.9
NGC	40	PN	00 13 01.0
NGC	4004	Gx	11 58 05.1
NGC	4005	Gx	11 58 10.0
NGC	4008	Gx	11 58 17.1
NGC	4010	Gx	11 58 37.1
NGC	4013	Gx	11 58 31.3
NGC	4015	Gx	11 58 43.0
NGC	4018	Gx	11 58 40.6
NGC	4022	Gx	11 59 01.0
NGC	4023	Gx	11 59 05.3
NGC	4026	Gx	11 59 25.0
NGC	4027	Gx	11 59 30.5
NGC	403	Gx	01 09 14.2
NGC	4030	Gx	12 00 23.4
NGC	4034	Gx	12 01 29.6
NGC	4036	Gx	12 01 27.0
NGC	4038	Gx	12 01 52.8
NGC	4039	Gx	12 01 53.8
NGC	404	Gx	01 09 26.9
NGC	4041	Gx	12 02 11.9
NGC	4044	Gx	12 02 29.4
NGC	4045	Gx	12 02 42.2
NGC	4047	Gx	12 02 50.6
NGC	4049	Gx	12 02 54.5
NGC	4051	Gx	12 03 09.6

NGC	4053	Gx	12 03 11.5
NGC	4056	Gx	12 03 57.7
NGC	4057	Gx	12 05 15.2
NGC	4058	Gx	12 03 48.9
NGC	4060	Gx	12 04 01.0
NGC	4061	Gx	12 04 01.5
NGC	4064	Gx	12 04 11.0
NGC	4065	Gx	12 04 06.3
NGC	4066	Gx	12 04 09.4
NGC	4068	Gx	12 04 01.7
NGC	4069	Gx	12 04 06.0
NGC	407	Gx	01 10 36.5
NGC	4070	Gx	12 04 11.3
NGC	4072	Gx	12 04 13.7
NGC	4073	Gx	12 04 27.1
NGC	4074	Gx	12 04 29.7
NGC	4075	Gx	12 04 37.8
NGC	4076	Gx	12 04 32.6
NGC	4080	Gx	12 04 51.9
NGC	4081	Gx	12 04 33.2
NGC	4085	Gx	12 05 22.4
NGC	4086	Gx	12 05 29.3
NGC	4088	Gx	12 05 34.6
NGC	4089	Gx	12 05 37.5
NGC	4090	Gx	12 05 27.9
NGC	4091	Gx	12 05 40.2
NGC	4092	Gx	12 05 50.2
NGC	4093	Gx	12 05 51.4
NGC	4095	Gx	12 05 54.2
NGC	4096	Gx	12 06 00.9
NGC	4098	Gx	12 06 03.6
NGC	41	Gx	00 12 48.0
NGC	410	Gx	01 10 58.3
NGC	4100	Gx	12 06 08.3
NGC	4102	Gx	12 06 23.3
NGC	4104	Gx	12 06 38.7
NGC	4109	Gx	12 06 51.1
NGC	4111	Gx	12 07 02.9
NGC	4116	Gx	12 07 37.0
NGC	4117	Gx	12 07 46.1
NGC	4120	Gx	12 08 31.4
NGC	4121	Gx	12 07 56.5
NGC	4123	Gx	12 08 11.2
NGC	4124	Gx	12 08 09.5
NGC	4125	Gx	12 08 05.5
NGC	4127	Gx	12 08 25.8
NGC	4128	Gx	12 08 32.2
NGC	413	Gx	01 12 31.4
NGC	4131	Gx	12 08 47.1
NGC	4132	Gx	12 09 01.5
NGC	4133	Gx	12 08 49.3
NGC	4134	Gx	12 09 09.9
NGC	4135	Gx	12 09 08.8
NGC	4136	Gx	12 09 17.8
NGC	4138	Gx	12 09 29.7
NGC	414	Gx	01 11 17.6
NGC	4143	Gx	12 09 36.2
NGC	4144	Gx	12 09 59.3
NGC	4145	Gx	12 10 01.7

NGC	4147	Gb	12 10 06.2
NGC	4149	Gx	12 10 32.8
NGC	4150	Gx	12 10 33.6
NGC	4151	Gx	12 10 32.3
NGC	4155	Gx	12 10 45.6
NGC	4156	Gx	12 10 49.4
NGC	4157	Gx	12 11 04.4
NGC	4158	Gx	12 11 10.2
NGC	4159	Gx	12 10 53.3
NGC	4161	Gx	12 11 32.9
NGC	4162	Gx	12 11 52.5
NGC	4164	Gx	12 12 05.4
NGC	4165	Gx	12 12 11.8
NGC	4168	Gx	12 12 17.2
NGC	4169	Gx	12 12 18.7
NGC	417	Gx	01 11 05.5
NGC	4170	Gx	12 12 24.0
NGC	4173	Gx	12 12 21.5
NGC	4174	Gx	12 12 26.9
NGC	4175	Gx	12 12 31.0
NGC	4179	Gx	12 12 52.1
NGC	4183	Gx	12 13 16.8
NGC	4185	Gx	12 13 22.2
NGC	4186	Gx	12 14 06.4
NGC	4189	Gx	12 13 47.2
NGC	4190	Gx	12 13 44.4
NGC	4193	Gx	12 13 53.4
NGC	42	Gx	00 12 56.3
NGC	4200	Gx	12 14 44.3
NGC	4202	Gx	12 18 08.5
NGC	4203	Gx	12 15 05.0
NGC	4204	Gx	12 15 14.2
NGC	4206	Gx	12 15 16.7
NGC	4210	Gx	12 15 15.8
NGC	4212	Gx	12 15 39.2
NGC	4213	Gx	12 15 37.5
NGC	4214	Gx	12 15 38.8
NGC	4216	Gx	12 15 54.0
NGC	4217	Gx	12 15 50.6
NGC	4218	Gx	12 15 46.0
NGC	4220	Gx	12 16 11.8
NGC	4221	Gx	12 16 00.0
NGC	4222	Gx	12 16 22.6
NGC	4224	Gx	12 16 33.9
NGC	4226	Gx	12 16 26.3
NGC	4227	Gx	12 16 33.7
NGC	4229	Gx	12 16 38.7
NGC	4231	Gx	12 16 48.9
NGC	4232	Gx	12 16 49.0
NGC	4233	Gx	12 17 07.6
NGC	4235	Gx	12 17 09.7
NGC	4236	Gx	12 16 43.3
NGC	4237	Gx	12 17 11.4
NGC	4241	Gx	12 17 25.8
NGC	4242	Gx	12 17 30.0
NGC	4244	Gx	12 17 29.9
NGC	4245	Gx	12 17 36.9
NGC	4248	Gx	12 17 50.4
NGC	4250	Gx	12 17 25.9

Objekt-Übersicht

NGC	4251	Gx	12 18 08.4
NGC	4253	Gx	12 18 26.4
NGC	4256	Gx	12 18 42.8
NGC	4257	Gx	12 19 06.5
NGC	4259	Gx	12 19 22.1
NGC	4260	Gx	12 19 22.2
NGC	4261	Gx	12 19 23.1
NGC	4262	Gx	12 19 30.6
NGC	4264	Gx	12 19 35.6
NGC	4267	Gx	12 19 45.3
NGC	4268	Gx	12 19 47.1
NGC	4269	Gx	12 19 49.2
NGC	4270	Gx	12 19 49.4
NGC	4271	Gx	12 19 32.7
NGC	4272	Gx	12 19 47.6
NGC	4273	Gx	12 19 56.0
NGC	4274	Gx	12 19 50.8
NGC	4275	Gx	12 19 52.6
NGC	4277	Gx	12 20 03.6
NGC	4278	Gx	12 20 06.7
NGC	428	Gx	01 12 55.6
NGC	4281	Gx	12 20 21.6
NGC	4283	Gx	12 20 20.6
NGC	4286	Gx	12 20 42.1
NGC	4288	Gx	12 20 38.0
NGC	4290	Gx	12 20 47.5
NGC	4291	Gx	12 20 17.3
NGC	4292	Gx	12 21 16.4
NGC	4293	Gx	12 21 12.9
NGC	4294	Gx	12 21 17.8
NGC	4295	Gx	12 21 09.7
NGC	4298	Gx	12 21 32.9
NGC	4299	Gx	12 21 40.5
NGC	4300	Gx	12 21 41.3
NGC	4301	Gx	12 21 34.0
NGC	4302	Gx	12 21 42.2
NGC	4303 A	Gx	12 22 27.2
NGC	4305	Gx	12 22 03.6
NGC	4306	Gx	12 22 04.2
NGC	4308	Gx	12 21 56.8
NGC	4310	Gx	12 22 26.3
NGC	4312	Gx	12 22 31.4
NGC	4313	Gx	12 22 38.3
NGC	4314	Gx	12 22 31.8
NGC	4319	Gx	12 21 43.9
NGC	4322	Gx	12 23 01.7
NGC	4324	Gx	12 23 06.0
NGC	4328	Gx	12 23 20.0
NGC	433	OC	01 15 18.0
NGC	4332	Gx	12 22 46.7
NGC	4333	Gx	12 23 22.2
NGC	4335	Gx	12 23 01.9
NGC	4339	Gx	12 23 34.9
NGC	4340	Gx	12 23 35.2
NGC	4342	Gx	12 23 39.1
NGC	4343	Gx	12 23 38.7
NGC	4344	Gx	12 23 37.5
NGC	4346	Gx	12 23 27.9
NGC	4350	Gx	12 23 57.8

NGC	4357	Gx	12 23 59.1
NGC	4359	Gx	12 24 11.4
NGC	436	OC	01 15 36.0
NGC	4361	PN	12 24 30.8
NGC	4364	Gx	12 24 02.0
NGC	4365	Gx	12 24 28.2
NGC	4369	Gx	12 24 36.4
NGC	4370	Gx	12 24 55.0
NGC	4371	Gx	12 24 55.4
NGC	4375	Gx	12 25 00.4
NGC	4376	Gx	12 25 18.1
NGC	4377	Gx	12 25 12.4
NGC	4378	Gx	12 25 18.0
NGC	4379	Gx	12 25 14.7
NGC	4380	Gx	12 25 22.1
NGC	4383	Gx	12 25 25.5
NGC	4385	Gx	12 25 42.6
NGC	4386	Gx	12 24 27.7
NGC	4387	Gx	12 25 41.7
NGC	4388	Gx	12 25 46.9
NGC	4389	Gx	12 25 35.0
NGC	4391	Gx	12 25 18.9
NGC	4392	Gx	12 25 18.7
NGC	4393	Gx	12 25 51.3
NGC	4394	Gx	12 25 55.6
NGC	4395	Gx	12 25 48.8
NGC	4396	Gx	12 25 59.2
NGC	4402	Gx	12 26 07.8
NGC	4405	Gx	12 26 07.1
NGC	4413	Gx	12 26 32.1
NGC	4414	Gx	12 26 27.1
NGC	4416	Gx	12 26 46.7
NGC	4417	Gx	12 26 50.4
NGC	4418	Gx	12 26 54.6
NGC	4419	Gx	12 26 56.4
NGC	4420	Gx	12 26 58.4
NGC	4421	Gx	12 27 02.5
NGC	4424	Gx	12 27 11.4
NGC	4425	Gx	12 27 13.3
NGC	4429	Gx	12 27 26.3
NGC	4430	Gx	12 27 26.2
NGC	4431	Gx	12 27 27.4
NGC	4434	Gx	12 27 36.6
NGC	4435	Gx	12 27 40.5
NGC	4438	Gx	12 27 45.6
NGC	4440	Gx	12 27 53.5
NGC	4441	Gx	12 27 20.2
NGC	4442	Gx	12 28 03.9
NGC	4445	Gx	12 28 16.1
NGC	4448	Gx	12 28 15.5
NGC	4449	Gx	12 28 11.3
NGC	4450	Gx	12 28 29.3
NGC	4451	Gx	12 28 40.5
NGC	4452	Gx	12 28 43.3
NGC	4457	Gx	12 28 58.9
NGC	4458	Gx	12 28 57.7
NGC	4459	Gx	12 29 00.0
NGC	4460	Gx	12 28 45.5
NGC	4461	Gx	12 29 02.9

NGC	4464	Gx	12 29 21.2
NGC	4466	Gx	12 29 30.6
NGC	4468	Gx	12 29 30.9
NGC	4469	Gx	12 29 28.1
NGC	447	Gx	01 15 37.9
NGC	4470	Gx	12 29 37.9
NGC	4473	Gx	12 29 48.7
NGC	4474	Gx	12 29 53.3
NGC	4476	Gx	12 29 59.0
NGC	4477	Gx	12 30 02.0
NGC	4478	Gx	12 30 17.3
NGC	4479	Gx	12 30 18.3
NGC	4481	Gx	12 29 48.6
NGC	4483	Gx	12 30 40.6
NGC	4484	Gx	12 28 52.7
NGC	4485	Gx	12 30 31.3
NGC	4486 A	Gx	12 30 57.7
NGC	4486 B	Gx	12 30 32.0
NGC	4489	Gx	12 30 52.2
NGC	449	Gx	01 16 07.5
NGC	4490	Gx	12 30 36.1
NGC	4492	Gx	12 30 59.7
NGC	4493	Gx	12 31 08.3
NGC	4494	Gx	12 31 24.1
NGC	4496 A	Gx	12 31.7
NGC	4496 B	Gx	12 31.7
NGC	4497	Gx	12 31 32.6
NGC	4498	Gx	12 31 39.5
NGC	45	Gx	00 14 04.0
NGC	450	Gx	01 15 30.4
NGC	4503	Gx	12 32 06.1
NGC	451	Gx	01 16 12.4
NGC	4510	Gx	12 31 47.2
NGC	4513	Gx	12 32 01.6
NGC	4516	Gx	12 33 07.5
NGC	4517	Gx	12 32 45.6
NGC	4517 A	Gx	12 32.5
NGC	4519	Gx	12 33 30.2
NGC	4524	Gx	12 33 54.4
NGC	4526	Gx	12 34 02.8
NGC	4527	Gx	12 34 08.8
NGC	4528	Gx	12 34 06.0
NGC	4531	Gx	12 34 15.8
NGC	4532	Gx	12 34 19.3
NGC	4533	Gx	12 34 22.1
NGC	4535	Gx	12 34 20.2
NGC	4536	Gx	12 34 26.9
NGC	4538	Gx	12 34 40.8
NGC	4540	Gx	12 34 50.9
NGC	4541	Gx	12 35 10.7
NGC	4544	Gx	12 35 36.5
NGC	4546	Gx	12 35 29.5
NGC	4550	Gx	12 35 30.6
NGC	4551	Gx	12 35 38.0
NGC	4555	Gx	12 35 41.0
NGC	4556	Gx	12 35 45.6
NGC	4559	Gx	12 35 57.8
NGC	4564	Gx	12 36 26.9
NGC	4565	Gx	12 36 20.5

Objekt-Übersicht

NGC	4567	Gx	12 36 32.7
NGC	4568	Gx	12 36 34.2
NGC	4569	Gx	12 36 50.0
NGC	457	OC	01 19 06.0
NGC	4571	Gx	12 36 56.4
NGC	4576	Gx	12 37 33.5
NGC	4578	Gx	12 37 30.6
NGC	4580	Gx	12 37 48.3
NGC	4584	Gx	12 38 17.8
NGC	4586	Gx	12 38 28.3
NGC	4587	Gx	12 38 35.3
NGC	4589	Gx	12 37 24.6
NGC	4592	Gx	12 39 18.6
NGC	4593	Gx	12 39 39.3
NGC	4595	Gx	12 39 51.7
NGC	4596	Gx	12 39 56.0
NGC	4597	Gx	12 40 12.7
NGC	4600	Gx	12 40 22.9
NGC	4602	Gx	12 40 36.8
NGC	4605	Gx	12 39 59.3
NGC	4606	Gx	12 40 57.5
NGC	4607	Gx	12 41 12.2
NGC	4608	Gx	12 41 13.2
NGC	4612	Gx	12 41 32.8
NGC	4618	Gx	12 41 33.0
NGC	4619	Gx	12 41 44.4
NGC	4624	Gx	12 42 49.7
NGC	4625	Gx	12 41 52.5
NGC	4627	Gx	12 41 59.6
NGC	4630	Gx	12 42 31.1
NGC	4631	Gx	12 42 07.6
NGC	4632	Gx	12 42 32.3
NGC	4636	Gx	12 42 49.7
NGC	4638	Gx	12 42 47.3
NGC	4639	Gx	12 42 52.3
NGC	4642	Gx	12 43 17.6
NGC	4643	Gx	12 43 20.1
NGC	4646	Gx	12 42 52.1
NGC	4647	Gx	12 43 32.5
NGC	4651	Gx	12 43 42.5
NGC	4652	Gx	12 43 19.7
NGC	4653	Gx	12 43 51.0
NGC	4654	Gx	12 43 56.5
NGC	4655	Gx	12 43 36.4
NGC	4656	Gx	12 43 58.1
NGC	4657	Gx	12 44 06.9
NGC	4658	Gx	12 44 37.7
NGC	4659	Gx	12 44 29.5
NGC	4660	Gx	12 44 31.8
NGC	4665	Gx	12 45 06.1
NGC	4666	Gx	12 45 08.2
NGC	4668	Gx	12 45 31.8
NGC	4669	Gx	12 44 46.7
NGC	467	Gx	01 19 10.1
NGC	4670	Gx	12 45 16.9
NGC	4673	Gx	12 45 34.7
NGC	4675	Gx	12 45 31.7
NGC	4676 B	Gx	12 46.1
NGC	4676A	Gx	12 46.1

NGC	4680	Gx	12 46 54.7
NGC	4684	Gx	12 47 17.6
NGC	4686	Gx	12 46 39.7
NGC	4687	Gx	12 47 23.8
NGC	4689	Gx	12 47 45.7
NGC	4690	Gx	12 47 55.5
NGC	4691	Gx	12 48 13.4
NGC	4692	Gx	12 47 55.2
NGC	4694	Gx	12 48 14.9
NGC	4695	Gx	12 47 32.0
NGC	4697	Gx	12 48 35.8
NGC	4698	Gx	12 48 23.0
NGC	4699	Gx	12 49 02.2
NGC	470	Gx	01 19 44.8
NGC	4700	Gx	12 49 07.8
NGC	4701	Gx	12 49 11.4
NGC	4704	Gx	12 48 46.4
NGC	4708	Gx	12 49 41.6
NGC	4710	Gx	12 49 38.7
NGC	4711	Gx	12 48 45.7
NGC	4712	Gx	12 49 34.1
NGC	4713	Gx	12 49 57.6
NGC	4715	Gx	12 49 57.8
NGC	4719	Gx	12 50 08.6
NGC	4725	Gx	12 50 26.5
NGC	4731	Gx	12 51 01.0
NGC	4733	Gx	12 51 06.7
NGC	4739	Gx	12 51 37.1
NGC	474	Gx	01 20 06.7
NGC	4742	Gx	12 51 48.0
NGC	4746	Gx	12 51 55.2
NGC	4747	Gx	12 51 45.4
NGC	4750	Gx	12 50 06.5
NGC	4753	Gx	12 52 22.1
NGC	4754	Gx	12 52 17.6
NGC	4755	OC	12 53 36.0
NGC	4759	Gx	12 53 04.5
NGC	4760	Gx	12 53 07.2
NGC	4762	Gx	12 52 55.9
NGC	4771	Gx	12 53 20.9
NGC	4772	Gx	12 53 29.0
NGC	4775	Gx	12 53 45.8
NGC	4781	Gx	12 54 23.6
NGC	4786	Gx	12 54 32.3
NGC	4789	Gx	12 54 19.2
NGC	4793	Gx	12 54 40.7
NGC	4798	Gx	12 54 55.3
NGC	4799	Gx	12 55 15.4
NGC	48	Gx	00 14 02.1
NGC	4800	Gx	12 54 37.8
NGC	4807	Gx	12 55 29.3
NGC	4808	Gx	12 55 48.9
NGC	4809	Gx	12 54 50.7
NGC	4810	Gx	12 54 51.2
NGC	4816	Gx	12 56 12.3
NGC	4818	Gx	12 56 48.9
NGC	4819	Gx	12 56 28.0
NGC	4821	Gx	12 56 29.3
NGC	4825	Gx	12 57 12.2

NGC	4827	Gx	12 56 43.7
NGC	4828	Gx	12 56 42.8
NGC	483	Gx	01 22 00.8
NGC	4833	Gb	12 59 35.0
NGC	4839	Gx	12 57 24.4
NGC	4840	Gx	12 57 32.8
NGC	4841	Gx	12 57 32.0
NGC	4841	Gx	12 57 34.0
NGC	4842	Gx	12 57 36.0
NGC	4845	Gx	12 58 00.9
NGC	4848	Gx	12 58 05.7
NGC	4850	Gx	12 58 21.7
NGC	4853	Gx	12 58 35.4
NGC	4854	Gx	12 58 47.6
NGC	4856	Gx	12 59 21.1
NGC	4860	Gx	12 59 04.0
NGC	4864	Gx	12 59 13.2
NGC	4865	Gx	12 59 20.0
NGC	4866	Gx	12 59 27.0
NGC	4867	Gx	12 59 15.5
NGC	4868	Gx	12 59 09.0
NGC	4869	Gx	12 59 23.5
NGC	4870	Gx	12 59 17.8
NGC	4871	Gx	12 59 30.1
NGC	4872	Gx	12 59 34.3
NGC	4873	Gx	12 59 32.9
NGC	4874	Gx	12 59 35.8
NGC	4876	Gx	12 59 44.6
NGC	488	Gx	01 21 46.6
NGC	4880	Gx	13 00 10.5
NGC	4881	Gx	12 59 57.9
NGC	4883	Gx	12 59 56.2
NGC	4884	Gx	13 00 08.3
NGC	4886	Gx	13 00 04.6
NGC	4889	Gx	13 00 08.3
NGC	489	Gx	01 21 53.8
NGC	4895	Gx	13 00 18.0
NGC	4896	Gx	13 00 30.9
NGC	4897	Gx	13 00 53.0
NGC	4898	Gx	13 00 17.7
NGC	4899	Gx	13 00 56.5
NGC	49	Gx	00 14 22.4
NGC	4900	Gx	13 00 39.0
NGC	4902	Gx	13 00 59.6
NGC	4906	Gx	13 00 39.8
NGC	4907	Gx	13 00 48.8
NGC	4908	Gx	13 00 51.6
NGC	4911	Gx	13 00 56.3
NGC	4914	Gx	13 00 42.9
NGC	4915	Gx	13 01 28.1
NGC	4919	Gx	13 01 17.6
NGC	4921	Gx	13 01 26.3
NGC	4923	Gx	13 01 31.8
NGC	4926	Gx	13 01 53.9
NGC	4927	Gx	13 01 57.6
NGC	4928	Gx	13 03 00.5
NGC	4929	Gx	13 02 44.5
NGC	4931	Gx	13 03 01.1
NGC	4939	Gx	13 04 14.3

Objekt-Übersicht

NGC	494	Gx	01 22 55.4
NGC	4941	Gx	13 04 13.0
NGC	4943	Gx	13 03 45.0
NGC	4944	Gx	13 03 50.0
NGC	4945	Gx	13 05 26.1
NGC	495	Gx	01 22 56.0
NGC	4951	Gx	13 05 07.5
NGC	4954	Gx	13 02 19.3
NGC	4957	Gx	13 05 12.5
NGC	4958	Gx	13 05 48.9
NGC	4963	Gx	13 05 51.9
NGC	4967	Gx	13 05 36.4
NGC	497	Gx	01 22 23.9
NGC	4973	Gx	13 05 55.9
NGC	4974	Gx	13 06 06.0
NGC	4981	Gx	13 08 48.7
NGC	4985	Gx	13 08 12.0
NGC	499	Gx	01 23 11.5
NGC	4995	Gx	13 09 40.6
NGC	5	Gx	00 07 48.8
NGC	500	Gx	01 22 39.3
NGC	5000	Gx	13 09 47.5
NGC	5001	Gx	13 09 33.0
NGC	5002	Gx	13 10 38.2
NGC	5005	Gx	13 10 56.1
NGC	501	Gx	01 23 22.3
NGC	5014	Gx	13 11 31.4
NGC	502	Gx	01 22 55.6
NGC	5023	Gx	13 12 11.7
NGC	503	Gx	01 23 28.4
NGC	5032	Gx	13 13 27.0
NGC	5033	Gx	13 13 28.0
NGC	504	Gx	01 23 28.1
NGC	505	Gx	01 22 57.1
NGC	5053	Gb	13 16 27.0
NGC	5068	Gx	13 18 54.5
NGC	507	Gx	01 23 40.0
NGC	508	Gx	01 23 40.7
NGC	5083	Gx	13 19 03.1
NGC	5087	Gx	13 20 24.9
NGC	509	Gx	01 23 24.1
NGC	5093	Gx	13 19 37.6
NGC	51	Gx	00 14 34.8
NGC	5102	Gx	13 21 57.0
NGC	5103	Gx	13 20 30.0
NGC	5107	Gx	13 21 24.4
NGC	5109	Gx	13 20 52.6
NGC	5112	Gx	13 21 56.6
NGC	512	Gx	01 23 59.8
NGC	5123	Gx	13 23 10.4
NGC	5128	Gx	13 25 29.0
NGC	513	Gx	01 24 26.9
NGC	5139	Gb	13 26.8
NGC	514	Gx	01 24 03.9
NGC	5145	Gx	13 25 13.9
NGC	515	Gx	01 24 38.7
NGC	5158	Gx	13 27 46.9
NGC	516	Gx	01 24 08.0
NGC	5162	Gx	13 29 11.3

NGC	5165	Gx	13 28 39.1
NGC	5169	Gx	13 28 10.0
NGC	517	Gx	01 24 43.8
NGC	5171	Gx	13 29 21.6
NGC	5172	Gx	13 29 19.0
NGC	5173	Gx	13 28 25.2
NGC	5174	Gx	13 29 25.9
NGC	5176	Gx	13 29 24.9
NGC	5177	Gx	13 29 24.2
NGC	5178	Gx	13 29 29.3
NGC	5179	Gx	13 29 30.8
NGC	518	Gx	01 24 17.7
NGC	5180	Gx	13 29 26.9
NGC	5189	PN	13 33 32.9
NGC	519	Gx	01 24 28.7
NGC	5190	Gx	13 30 38.4
NGC	5191	Gx	13 30 47.3
NGC	5195	Gx	13 29 59.2
NGC	5198	Gx	13 30 11.4
NGC	52	Gx	00 14 40.0
NGC	520	Gx	01 24 34.7
NGC	5204	Gx	13 29 36.1
NGC	521	Gx	01 24 33.6
NGC	522	Gx	01 24 45.9
NGC	5225	Gx	13 33 20.0
NGC	5229	Gx	13 34 02.9
NGC	523	Gx	01 25 20.7
NGC	524	Gx	01 24 47.8
NGC	5247	Gx	13 38 02.9
NGC	5248	Gx	13 37 32.0
NGC	525	Gx	01 24 52.8
NGC	5250	Gx	13 36 07.1
NGC	5253	Gx	13 39 55.8
NGC	5256	Gx	13 38 17.4
NGC	5263	Gx	13 39 55.6
NGC	5273	Gx	13 42 08.3
NGC	5276	Gx	13 42 21.9
NGC	5278	Gx	13 41 39.9
NGC	5279	Gx	13 41 43.7
NGC	528	Gx	01 25 33.6
NGC	5282	Gx	13 43 24.8
NGC	5286	Gb	13 46 26.5
NGC	529	Gx	01 25 40.2
NGC	5296	Gx	13 46 18.6
NGC	5297	Gx	13 46 23.4
NGC	530	Gx	01 24 41.7
NGC	5300	Gx	13 48 15.9
NGC	5301	Gx	13 46 24.2
NGC	5303	Gx	13 47 45.2
NGC	5305	Gx	13 47 55.7
NGC	5307	PN	13 51 03.3
NGC	5308	Gx	13 47 00.0
NGC	531	Gx	01 26 18.8
NGC	5311	Gx	13 48 55.8
NGC	5313	Gx	13 49 44.3
NGC	5316	OC	13 53 54.0
NGC	532	Gx	01 25 17.1
NGC	5320	Gx	13 50 20.2
NGC	5322	Gx	13 49 14.9

NGC	5324	Gx	13 52 05.8
NGC	5326	Gx	13 50 50.5
NGC	533	Gx	01 25 31.4
NGC	5337	Gx	13 52 23.0
NGC	5338	Gx	13 53 26.5
NGC	5341	Gx	13 52 32.1
NGC	5347	Gx	13 53 18.0
NGC	5349	Gx	13 53 13.1
NGC	535	Gx	01 25 31.0
NGC	5350	Gx	13 53 21.5
NGC	5351	Gx	13 53 28.0
NGC	5353	Gx	13 53 26.7
NGC	5354	Gx	13 53 26.7
NGC	5355	Gx	13 53 45.5
NGC	5356	Gx	13 54 58.3
NGC	5358	Gx	13 54 00.4
NGC	536	Gx	01 26 21.6
NGC	5363	Gx	13 56 07.1
NGC	5364	Gx	13 56 11.9
NGC	5367	Nb	13 57 42.0
NGC	5368	Gx	13 54 29.1
NGC	5371	Gx	13 55 40.0
NGC	5375	Gx	13 56 55.9
NGC	5376	Gx	13 55 15.8
NGC	5377	Gx	13 56 16.7
NGC	5378	Gx	13 56 50.9
NGC	5379	Gx	13 55 34.4
NGC	538	Gx	01 25 26.1
NGC	5380	Gx	13 56 56.7
NGC	5383	Gx	13 57 04.9
NGC	5389	Gx	13 56 06.4
NGC	5394	Gx	13 58 33.7
NGC	5395	Gx	13 58 37.9
NGC	5401	Gx	13 59 43.5
NGC	5402	Gx	13 58 16.5
NGC	5406	Gx	14 00 20.1
NGC	5407	Gx	14 00 50.0
NGC	5409	Gx	14 01 46.0
NGC	541	Gx	01 25 44.3
NGC	5413	Gx	13 57 53.5
NGC	5416	Gx	14 02 11.4
NGC	5422	Gx	14 00 41.8
NGC	5423	Gx	14 02 48.5
NGC	5424	Gx	14 02 55.7
NGC	5426	Gx	14 03 24.9
NGC	5427	Gx	14 03 26.0
NGC	543	Gx	01 25 50.0
NGC	5430	Gx	14 00 45.6
NGC	5434	Gx	14 03 23.1
NGC	5436	Gx	14 03 41.1
NGC	5437	Gx	14 03 47.3
NGC	5438	Gx	14 03 47.9
NGC	5439	Gx	14 01 57.5
NGC	5443	Gx	14 02 11.6
NGC	5444	Gx	14 03 24.1
NGC	5447	Gx	14 02 29.0
NGC	5448	Gx	14 02 50.4
NGC	545	Gx	01 25 59.0
NGC	5460	OC	14 07 36.0

Objekt-Übersicht

NGC	5461	Nb	14 03 41.5
NGC	5462	Nb	14 03 53.0
NGC	5466	Gb	14 05 27.3
NGC	547	Gx	01 26 00.7
NGC	5473	Gx	14 04 43.5
NGC	5474	Gx	14 05 01.4
NGC	5475	Gx	14 05 12.2
NGC	5476	Gx	14 08 08.4
NGC	548	Gx	01 26 02.5
NGC	5485	Gx	14 07 11.4
NGC	5486	Gx	14 07 24.9
NGC	5490	Gx	14 09 57.3
NGC	5492	Gx	14 10 35.2
NGC	5493	Gx	14 11 29.4
NGC	5498	Gx	14 11 04.4
NGC	55	Gx	00 14 54.2
NGC	550	Gx	01 26 42.4
NGC	5513	Gx	14 13 08.8
NGC	5523	Gx	14 14 51.4
NGC	5533	Gx	14 16 07.4
NGC	5544	Gx	14 17 02.4
NGC	5545	Gx	14 17 04.8
NGC	5548	Gx	14 17 59.4
NGC	5553	Gx	14 18 29.6
NGC	5557	Gx	14 18 25.6
NGC	5560	Gx	14 20 04.4
NGC	5566	Gx	14 20 20.0
NGC	5569	Gx	14 20 32.2
NGC	5574	Gx	14 20 55.9
NGC	5576	Gx	14 21 03.7
NGC	5577	Gx	14 21 13.2
NGC	558	Gx	01 27 16.1
NGC	5585	Gx	14 19 47.7
NGC	5589	Gx	14 21 24.9
NGC	559	OC	01 29 30.0
NGC	5590	Gx	14 21 38.3
NGC	5596	Gx	14 22 28.6
NGC	560	Gx	01 27 25.3
NGC	561	Gx	01 28 18.7
NGC	5611	Gx	14 24 04.8
NGC	5614	Gx	14 24 07.3
NGC	5616	Gx	14 24 20.6
NGC	5623	Gx	14 27 08.7
NGC	5629	Gx	14 28 16.1
NGC	5631	Gx	14 26 33.3
NGC	5633	Gx	14 27 28.5
NGC	5634	Gb	14 29 37.3
NGC	5635	Gx	14 28 31.5
NGC	5638	Gx	14 29 40.4
NGC	564	Gx	01 27 48.2
NGC	5641	Gx	14 29 16.6
NGC	5645	Gx	14 30 39.2
NGC	565	Gx	01 28 10.0
NGC	5653	Gx	14 30 10.3
NGC	5654	Gx	14 30 01.4
NGC	5656	Gx	14 30 25.4
NGC	5657	Gx	14 30 43.6
NGC	5660	Gx	14 29 48.7
NGC	5665	Gx	14 32 25.6

NGC	5669	Gx	14 32 44.0
NGC	5673	Gx	14 31 30.6
NGC	5675	Gx	14 32 39.7
NGC	5676	Gx	14 32 46.4
NGC	5678	Gx	14 32 05.5
NGC	5682	Gx	14 34 45.1
NGC	5683	Gx	14 34 52.4
NGC	5684	Gx	14 35 50.0
NGC	5685	Gx	14 36 15.3
NGC	5686	Gx	14 36 02.5
NGC	5687	Gx	14 34 52.2
NGC	5689	Gx	14 35 29.6
NGC	5690	Gx	14 37 41.1
NGC	5691	Gx	14 37 53.4
NGC	5692	Gx	14 38 18.0
NGC	5693	Gx	14 36 11.3
NGC	5694	Gb	14 39 36.5
NGC	5695	Gx	14 37 22.0
NGC	5698	Gx	14 37 14.6
NGC	57	Gx	00 15 30.9
NGC	5700	Gx	14 37 01.6
NGC	5713	Gx	14 40 11.3
NGC	5719	Gx	14 40 56.5
NGC	573	Gx	01 30 49.3
NGC	5732	Gx	14 40 38.9
NGC	5735	Gx	14 42 33.4
NGC	5740	Gx	14 44 24.5
NGC	5746	Gx	14 44 55.7
NGC	5750	Gx	14 46 10.9
NGC	578	Gx	01 30 28.9
NGC	5792	Gx	14 58 22.6
NGC	5806	Gx	15 00 00.2
NGC	5812	Gx	15 00 55.7
NGC	5813	Gx	15 01 11.1
NGC	5814	Gx	15 01 21.1
NGC	5820	Gx	14 58 39.9
NGC	5822	OC	15 05 12.0
NGC	5824	Gb	15 03 58.5
NGC	5831	Gx	15 04 06.8
NGC	5832	Gx	14 57 45.7
NGC	5838	Gx	15 05 26.0
NGC	5839	Gx	15 05 27.4
NGC	584	Gx	01 31 20.8
NGC	5845	Gx	15 06 00.6
NGC	5846	Gx	15 06 29.0
NGC	5846 A	Gx	15 06.5
NGC	5850	Gx	15 07 07.5
NGC	5854	Gx	15 07 47.6
NGC	586	Gx	01 31 36.8
NGC	5861	Gx	15 09 16.2
NGC	5862	Gx	15 06 03.2
NGC	5864	Gx	15 09 33.5
NGC	5865	Gx	15 09 49.1
NGC	587	Gx	01 32 33.3
NGC	5870	Gx	15 06 33.7
NGC	5879	Gx	15 09 46.8
NGC	588	Nb	01 32 45.7
NGC	5886	Gx	15 12 45.4
NGC	5888	Gx	15 13 07.4

NGC	5897	Gb	15 17 24.5
NGC	5898	Gx	15 18 13.6
NGC	5899	Gx	15 15 03.3
NGC	590	Gx	01 33 40.7
NGC	5900	Gx	15 15 05.2
NGC	5903	Gx	15 18 36.5
NGC	5905	Gx	15 15 23.3
NGC	5907	Gx	15 15 53.8
NGC	5908	Gx	15 16 43.1
NGC	591	Gx	01 33 31.1
NGC	5910	Gx	15 19 24.7
NGC	592	Nb	01 33 12.0
NGC	5921	Gx	15 21 56.3
NGC	5926	Gx	15 23 25.0
NGC	5929	Gx	15 26 06.1
NGC	5930	Gx	15 26 08.0
NGC	5934	Gx	15 28 12.6
NGC	5935	Gx	15 28 16.6
NGC	5943	Gx	15 29 44.0
NGC	5945	Gx	15 29 44.9
NGC	5947	Gx	15 30 36.6
NGC	5949	Gx	15 28 00.7
NGC	595	Nb	01 33 34.0
NGC	5950	Gx	15 31 30.6
NGC	5956	Gx	15 34 58.5
NGC	5957	Gx	15 35 23.1
NGC	5958	Gx	15 34 49.1
NGC	596	Gx	01 32 52.0
NGC	5961	Gx	15 35 16.2
NGC	5962	Gx	15 36 31.6
NGC	5966	Gx	15 35 52.2
NGC	5970	Gx	15 38 30.0
NGC	5974	Gx	15 39 02.3
NGC	5976	Gx	15 36 47.8
NGC	5981	Gx	15 37 53.4
NGC	5982	Gx	15 38 40.0
NGC	5985	Gx	15 39 37.1
NGC	5986	Gb	15 46 03.5
NGC	5987	Gx	15 39 56.9
NGC	5989	Gx	15 41 32.4
NGC	5992	Gx	15 44 21.5
NGC	5993	Gx	15 44 27.6
NGC	5994	Gx	15 46 53.2
NGC	5996	Gx	15 46 58.9
NGC	600	Gx	01 33 05.4
NGC	6003	Gx	15 49 25.6
NGC	6004	Gx	15 50 22.8
NGC	6013	Gx	15 52 52.9
NGC	6015	Gx	15 51 25.4
NGC	6020	Gx	15 57 08.1
NGC	6026	PN	16 01 21.0
NGC	6027A	Gx	15 59 11.2
NGC	6027E	Gx	15 59 11.2
NGC	6030	Gx	16 01 51.3
NGC	6034	Gx	16 03 32.0
NGC	6035	Gx	16 03 24.1
NGC	604	Nb	01 34 33.0
NGC	6040	Gx	16 04 26.6
NGC	6041	Gx	16 04 35.0

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NGC	6042	Gx	16 04 39.6
NGC	6044	Gx	16 04 59.6
NGC	6045	Gx	16 05 08.0
NGC	6047	Gx	16 05 09.0
NGC	6048	Gx	15 57 30.2
NGC	605	Gx	01 35 02.3
NGC	6051	Gx	16 04 56.6
NGC	6052	Gx	16 05 12.6
NGC	6055	Gx	16 05 32.7
NGC	6056	Gx	16 05 31.1
NGC	6057	Gx	16 05 39.5
NGC	6058	PN	16 04 26.6
NGC	6061	Gx	16 06 16.1
NGC	6067	OC	16 13 12.0
NGC	6070	Gx	16 09 58.6
NGC	6072	PN	16 12 58.2
NGC	6073	Gx	16 10 10.9
NGC	6074	Gx	16 11 16.8
NGC	6078	Gx	16 12 05.4
NGC	6079	Gx	16 04 28.7
NGC	608	Gx	01 35 28.1
NGC	6085	Gx	16 12 35.1
NGC	6086	Gx	16 12 35.6
NGC	6087	OC	16 18 54.0
NGC	6088	Gx	16 10 42.4
NGC	609	OC	01 37 12.0
NGC	6090	Gx	16 11 40.7
NGC	6093	Gb	16 17 02.5
NGC	6095	Gx	16 11 11.0
NGC	6100	Gx	16 16 52.3
NGC	6104	Gx	16 16 30.6
NGC	6105	Gx	16 17 09.2
NGC	6106	Gx	16 18 47.0
NGC	6107	Gx	16 17 20.1
NGC	6108	Gx	16 17 25.5
NGC	6109	Gx	16 17 40.5
NGC	6112	Gx	16 18 00.5
NGC	6116	Gx	16 18 54.5
NGC	6117	Gx	16 19 18.2
NGC	6118	Gx	16 21 48.7
NGC	6119	Gx	16 19 42.0
NGC	6120	Gx	16 19 48.1
NGC	6121	Gb	16 23 35.5
NGC	6122	Gx	16 20 09.4
NGC	6123	Gx	16 17 19.6
NGC	6124	OC	16 25 36.0
NGC	6126	Gx	16 21 27.8
NGC	6127	Gx	16 19 11.2
NGC	6129	Gx	16 21 43.2
NGC	613	Gx	01 34 18.4
NGC	6130	Gx	16 19 33.5
NGC	6134	OC	16 27 42.0
NGC	6137	Gx	16 23 03.1
NGC	6138	Gx	16 24 54.1
NGC	6139	Gb	16 27 40.4
NGC	614	Gx	01 35 52.2
NGC	6140	Gx	16 20 57.0
NGC	6141	Gx	16 25 05.8
NGC	6142	Gx	16 23 21.0

NGC	6144	Gb	16 27 14.1
NGC	6145	Gx	16 25 02.4
NGC	6146	Gx	16 25 10.2
NGC	6147	Gx	16 25 01.6
NGC	6149	Gx	16 27 24.3
NGC	615	Gx	01 35 05.7
NGC	6150	Gx	16 25 49.9
NGC	6150 B	Gx	16 25.7
NGC	6158	Gx	16 27 40.9
NGC	6159	Gx	16 27 25.1
NGC	6160	Gx	16 27 41.1
NGC	6161	Gx	16 28 20.6
NGC	6162	Gx	16 28 22.3
NGC	6166	Gx	16 28 38.5
NGC	6167	OC	16 34 24.0
NGC	6169	OC	16 34 06.0
NGC	6173	Gx	16 29 45.0
NGC	6175	Gx	16 29 57.4
NGC	6176	Gx	16 27 36.4
NGC	6180	Gx	16 30 33.9
NGC	6181	Gx	16 32 20.7
NGC	6185	Gx	16 33 17.8
NGC	6186	Gx	16 34 25.4
NGC	6188	Nb	16 40 06.0
NGC	6189	Gx	16 31 40.7
NGC	6190	Gx	16 32 06.4
NGC	6193	OC	16 41 18.0
NGC	6194	Gx	16 36 37.0
NGC	6195	Gx	16 36 32.6
NGC	6196	Gx	16 37 53.8
NGC	6197	Gx	16 37 59.8
NGC	6199	OC	16 38 40.9
NGC	620	Gx	01 36 59.6
NGC	6200	OC	16 44 12.0
NGC	6207	Gx	16 43 03.7
NGC	6208	OC	16 49 30.0
NGC	621	Gx	01 36 48.9
NGC	6210	PN	16 44 29.5
NGC	6211	Gx	16 41 27.6
NGC	6212	Gx	16 43 23.2
NGC	6213	Gx	16 41 37.3
NGC	6217	Gx	16 32 38.7
NGC	6220	Gx	16 47 13.2
NGC	6223	Gx	16 43 04.2
NGC	6226	Gx	16 43 23.2
NGC	6229	Gb	16 46 58.9
NGC	6231	OC	16 54 00.0
NGC	6232	Gx	16 43 19.9
NGC	6235	Gb	16 53 25.4
NGC	6236	Gx	16 44 34.3
NGC	6238	Gx	16 47 15.9
NGC	6239	Gx	16 50 05.2
NGC	6241	Gx	16 50 11.0
NGC	6242	OC	16 55 36.0
NGC	6244	Gx	16 48 03.9
NGC	6247	Gx	16 48 19.4
NGC	6250	OC	16 58 00.0
NGC	6251	Gx	16 32 31.8
NGC	6261	Gx	16 56 30.4

NGC	6263	Gx	16 56 43.1
NGC	6264	Gx	16 57 16.1
NGC	6265	Gx	16 57 29.0
NGC	6266	Gb	17 01 12.6
NGC	6268	OC	17 02 24.0
NGC	6269	Gx	16 57 58.0
NGC	6271	Gx	16 58 58.2
NGC	6272	Gx	16 59 03.2
NGC	6273	Gb	17 02 37.7
NGC	6274	Gx	16 59 20.4
NGC	6275	Gx	16 55 33.6
NGC	6279	Gx	16 59 01.3
NGC	6281	OC	17 04 48.0
NGC	6282	Gx	17 00 47.0
NGC	6284	Gb	17 04 28.8
NGC	6285	Gx	16 58 23.9
NGC	6286	Gx	16 58 31.8
NGC	6287	Gb	17 05 09.4
NGC	6288	Gx	16 57 24.3
NGC	6289	Gx	16 57 43.9
NGC	6290	Gx	17 00 56.4
NGC	6291	Gx	17 00 56.0
NGC	6292	Gx	17 03 03.5
NGC	6293	Gb	17 10 10.4
NGC	63	Gx	00 17 45.5
NGC	6301	Gx	17 08 32.7
NGC	6302	PN	17 13 44.1
NGC	6303	Gx	17 05 02.8
NGC	6304	Gb	17 14 32.5
NGC	6306	Gx	17 07 36.9
NGC	6307	Gx	17 07 40.4
NGC	6309	PN	17 14 04.3
NGC	6310	Gx	17 07 57.3
NGC	6311	Gx	17 10 43.5
NGC	6312	Gx	17 10 48.1
NGC	6314	Gx	17 12 38.7
NGC	6316	Gb	17 16 37.4
NGC	632	Gx	01 37 17.5
NGC	6320	Gx	17 12 55.6
NGC	6322	OC	17 18 30.0
NGC	6323	Gx	17 13 17.9
NGC	6324	Gx	17 05 25.3
NGC	6325	Gb	17 17 59.2
NGC	6327	Gx	17 14 02.2
NGC	6329	Gx	17 14 15.1
NGC	6332	Gx	17 15 02.7
NGC	6334	Nb	17 20 48.0
NGC	6336	Gx	17 16 16.5
NGC	6338	Gx	17 15 22.6
NGC	634	Gx	01 38 18.6
NGC	6340	Gx	17 10 23.9
NGC	6342	Gb	17 21 10.2
NGC	6345	Gx	17 15 23.9
NGC	6346	Gx	17 15 24.3
NGC	6352	Gb	17 25 29.2
NGC	6355	Gb	17 23 58.6
NGC	6356	Gb	17 23 35.0
NGC	636	Gx	01 39 06.5
NGC	6366	Gb	17 27 44.3

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NGC	6369	PN	17 29 20.4
NGC	637	OC	01 42 54.0
NGC	6370	Gx	17 23 25.1
NGC	6371	Gx	17 27 20.6
NGC	6372	Gx	17 27 31.9
NGC	6375	Gx	17 29 21.8
NGC	6383	OC	17 34 48.0
NGC	6384	Gx	17 32 24.2
NGC	6385	Gx	17 28 01.5
NGC	6387	Gx	17 28 23.9
NGC	6388	Gb	17 36 17.0
NGC	6389	Gx	17 32 39.7
NGC	6391	Gx	17 28 49.0
NGC	6396	OC	17 38 06.0
NGC	6397	Gb	17 40 41.3
NGC	6400	OC	17 40 48.0
NGC	6401	Gb	17 38 36.9
NGC	6409	Gx	17 36 35.3
NGC	6412	Gx	17 29 36.9
NGC	6416	OC	17 44 24.0
NGC	6419	Gx	17 36 05.6
NGC	6425	OC	17 46 54.0
NGC	6426	Gb	17 44 54.7
NGC	6427	Gx	17 43 38.5
NGC	6429	Gx	17 44 05.3
NGC	6434	Gx	17 36 48.8
NGC	6439	PN	17 48 20.3
NGC	6440	Gb	17 48 52.6
NGC	6441	Gb	17 50 12.9
NGC	6442	Gx	17 46 51.3
NGC	6443	Gx	17 44 33.7
NGC	6445	PN	17 49 15.1
NGC	6447	Gx	17 46 17.1
NGC	645	Gx	01 40 08.8
NGC	6451	OC	17 50 42.0
NGC	6453	Gb	17 50 51.8
NGC	6454	Gx	17 44 56.5
NGC	6458	Gx	17 49 10.9
NGC	6460	Gx	17 49 30.3
NGC	6466	Gx	17 48 08.0
NGC	6469	OC	17 52 54.0
NGC	6478	Gx	17 48 38.3
NGC	6479	Gx	17 48 21.7
NGC	6482	Gx	17 51 48.7
NGC	6484	Gx	17 51 46.8
NGC	6485	Gx	17 51 52.8
NGC	6486	Gx	17 52 35.2
NGC	6487	Gx	17 52 41.7
NGC	6490	Gx	17 54 30.4
NGC	6495	Gx	17 54 50.7
NGC	65	Gx	00 18 59.6
NGC	6500	Gx	17 55 59.7
NGC	6501	Gx	17 56 03.7
NGC	6503	Gx	17 49 27.5
NGC	6507	OC	17 59 36.0
NGC	6508	Gx	17 49 46.3
NGC	6512	Gx	17 54 50.2
NGC	6514	Nb	18 02 18.0
NGC	6515	Gx	17 57 25.3

NGC	6516	Gx	17 55 16.6
NGC	6517	Gb	18 01 50.6
NGC	6518	Gx	17 59 43.6
NGC	6520	OC	18 03 24.0
NGC	6521	Gx	17 55 48.3
NGC	6522	Gb	18 03 34.1
NGC	6523	Nb	18 04 06.0
NGC	6524	Gx	17 59 14.8
NGC	6525	OC	18 02 06.0
NGC	6526	Nb	18 03 54.0
NGC	6528	Gb	18 04 49.6
NGC	653	Gx	01 42 25.6
NGC	6530	OC	18 04 48.0
NGC	6535	Gb	18 03 50.7
NGC	6537	PN	18 05 13.0
NGC	6539	Gb	18 04 49.8
NGC	654	OC	01 44 06.0
NGC	6540	Gb	18 06 08.6
NGC	6541	Gb	18 08 02.2
NGC	6543	PN	17 58 33.4
NGC	6544	Gb	18 07 20.6
NGC	6546	OC	18 07 12.0
NGC	6552	Gx	18 00 07.0
NGC	6553	Gb	18 09 15.6
NGC	6555	Gx	18 07 49.0
NGC	6558	Gb	18 10 18.4
NGC	6559	Nb	18 10 00.0
NGC	6560	Gx	18 05 13.8
NGC	6563	PN	18 12 02.6
NGC	6565	PN	18 11 52.5
NGC	6566	Gx	18 07 00.7
NGC	6567	PN	18 13 45.1
NGC	6568	OC	18 12 48.0
NGC	6569	Gb	18 13 38.9
NGC	657	OC	01 43 42.0
NGC	6572	PN	18 12 06.4
NGC	6574	Gx	18 11 51.2
NGC	6575	Gx	18 10 57.5
NGC	6578	PN	18 16 16.5
NGC	658	Gx	01 42 09.8
NGC	6582	Gx	18 10 29.1
NGC	6583	OC	18 15 48.0
NGC	6589	Nb	18 16 54.0
NGC	659	OC	01 44 12.0
NGC	6590	Nb	18 17 00.0
NGC	6592	Gx	18 09 50.6
NGC	6594	Gx	18 10 05.6
NGC	6595	OC	18 17 00.0
NGC	6596	OC	18 17 30.0
NGC	6597	Gx	18 11 13.4
NGC	6598	Gx	18 08 55.7
NGC	660	Gx	01 43 01.8
NGC	6601	Gx	18 11 44.2
NGC	6603	OC	18 18 24.0
NGC	6604	OC	18 18 06.0
NGC	6606	Gx	18 14 41.3
NGC	6607	Gx	18 12 14.9
NGC	6608	Gx	18 12 33.6
NGC	661	Gx	01 44 14.6

NGC	6612	Gx	18 16 10.9
NGC	6618	Nb	18 20 48.0
NGC	662	Gx	01 44 35.5
NGC	6620	PN	18 22 54.2
NGC	6621	Gx	18 12 55.6
NGC	6624	Gb	18 23 40.5
NGC	6625	OC	18 23 12.0
NGC	6627	Gx	18 22 38.9
NGC	6629	PN	18 25 42.4
NGC	663	OC	01 46 00.0
NGC	6631	OC	18 27 12.0
NGC	6632	Gx	18 25 03.1
NGC	6633	OC	18 27 42.0
NGC	6634	Gb	18 29 58.1
NGC	6635	Gx	18 27 37.0
NGC	6638	Gb	18 30 56.2
NGC	6639	OC	18 30 07.0
NGC	664	Gx	01 43 45.9
NGC	6640	Gx	18 28 08.1
NGC	6641	Gx	18 28 57.3
NGC	6642	Gb	18 31 54.3
NGC	6643	Gx	18 19 45.6
NGC	6644	PN	18 32 34.7
NGC	6645	OC	18 32 36.0
NGC	6646	Gx	18 29 38.7
NGC	6649	OC	18 33 30.0
NGC	6650	Gx	18 25 27.9
NGC	6651	Gx	18 24 19.7
NGC	6652	Gb	18 35 45.7
NGC	6654	Gx	18 24 07.6
NGC	6654 A	Gx	18 39 25.3
NGC	6657	Gx	18 33 01.5
NGC	666	Gx	01 46 06.0
NGC	6661	Gx	18 34 36.7
NGC	6662	Gx	18 34 11.2
NGC	6663	Gx	18 33 33.7
NGC	6664	OC	18 36 42.0
NGC	6665	Gx	18 34 30.0
NGC	6667	Gx	18 30 39.7
NGC	6671	Gx	18 37 26.2
NGC	6674	Gx	18 38 33.9
NGC	6675	Gx	18 37 26.2
NGC	6677	Gx	18 33 30.4
NGC	6682	OC	18 41 36.0
NGC	6683	OC	18 42 12.0
NGC	6685	Gx	18 39 58.6
NGC	6686	Gx	18 40 06.9
NGC	6688	Gx	18 40 39.9
NGC	6690	Gx	18 34 49.9
NGC	6692	Gx	18 41 41.5
NGC	6695	Gx	18 42 42.8
NGC	67	Gx	00 18 14.9
NGC	670	Gx	01 47 24.9
NGC	6700	Gx	18 46 04.3
NGC	6701	Gx	18 43 12.6
NGC	6702	Gx	18 46 57.6
NGC	6703	Gx	18 47 18.9
NGC	6704	OC	18 50 54.0
NGC	6709	OC	18 51 30.0

Objekt-Übersicht

NGC	6710	Gx	18 50 34.0
NGC	6711	Gx	18 49 00.9
NGC	6712	Gb	18 53 04.3
NGC	6713	Gx	18 50 44.2
NGC	6716	OC	18 54 36.0
NGC	6717	Gb	18 55 06.2
NGC	672	Gx	01 47 54.0
NGC	6723	Gb	18 59 33.2
NGC	6726	Nb	19 01 42.0
NGC	6727	Nb	19 01 42.0
NGC	6729	Nb	19 01 54.0
NGC	673	Gx	01 48 22.4
NGC	6738	OC	19 01 24.0
NGC	6741	PN	19 02 37.0
NGC	6742	PN	18 59 19.8
NGC	6745	Gx	19 01 41.6
NGC	6747	Gx	18 55 21.5
NGC	6749	Gb	19 05 15.3
NGC	6751	PN	19 05 55.5
NGC	6755	OC	19 07 48.0
NGC	6756	OC	19 08 42.0
NGC	6759	Gx	19 06 57.0
NGC	676	Gx	01 48 57.2
NGC	6760	Gb	19 11 12.1
NGC	6762	Gx	19 05 37.0
NGC	6764	Gx	19 08 16.6
NGC	6765	PN	19 11 06.5
NGC	6772	PN	19 14 36.4
NGC	6774	OC	19 16 36.0
NGC	6778	PN	19 18 24.9
NGC	678	Gx	01 49 24.8
NGC	6781	PN	19 18 28.3
NGC	6786	Gx	19 10 53.8
NGC	679	Gx	01 49 43.7
NGC	6790	PN	19 22 57.0
NGC	6791	OC	19 20 42.0
NGC	6792	Gx	19 20 57.3
NGC	6793	OC	19 23 12.0
NGC	6798	Gx	19 24 03.1
NGC	68	Gx	00 18 18.2
NGC	680	Gx	01 49 47.3
NGC	6800	OC	19 27 12.0
NGC	6802	OC	19 30 36.0
NGC	6803	PN	19 31 16.5
NGC	6804	PN	19 31 35.4
NGC	6807	PN	19 34 33.5
NGC	681	Gx	01 49 10.8
NGC	6811	OC	19 38 12.0
NGC	6813	Nb	19 40 24.0
NGC	6814	Gx	19 42 40.5
NGC	6815	OC	19 40 42.0
NGC	6818	PN	19 43 57.8
NGC	6819	OC	19 41 18.0
NGC	6820	Nb	19 43 06.0
NGC	6821	Gx	19 44 24.2
NGC	6822	Gx	19 44 56.6
NGC	6823	OC	19 43 06.0
NGC	6824	Gx	19 43 40.5
NGC	6826	PN	19 44 48.2

NGC	6827	OC	19 48.9
NGC	6830	OC	19 51 00.0
NGC	6833	PN	19 49 46.6
NGC	6834	OC	19 52 12.0
NGC	6835	Gx	19 54 32.8
NGC	6837	OC	19 53.5
NGC	684	Gx	01 50 14.1
NGC	6840	OC	19 55.3
NGC	6842	PN	19 55 02.3
NGC	6843	OC	19 56.1
NGC	6852	PN	20 00 39.2
NGC	6857	Nb	20 02 48.0
NGC	6860	Gx	20 08 47.1
NGC	6866	OC	20 03 42.0
NGC	6869	Gx	20 00 42.3
NGC	687	Gx	01 50 33.2
NGC	6871	OC	20 05 54.0
NGC	6879	PN	20 10 26.6
NGC	688	Gx	01 50 44.1
NGC	6881	PN	20 10 52.5
NGC	6882	OC	20 11 54.0
NGC	6883	OC	20 11 18.0
NGC	6884	PN	20 10 23.7
NGC	6885	OC	20 12 00.0
NGC	6886	PN	20 12 42.8
NGC	6888	Nb	20 12 48.0
NGC	6891	PN	20 15 08.9
NGC	6894	PN	20 16 24.0
NGC	6897	Gx	20 21 01.3
NGC	6898	Gx	20 21 08.0
NGC	6900	Gx	20 21 35.1
NGC	6903	Gx	20 23 44.9
NGC	6905	PN	20 22 23.0
NGC	6906	Gx	20 23 34.0
NGC	6907	Gx	20 25 06.6
NGC	691	Gx	01 50 41.7
NGC	6910	OC	20 23 06.0
NGC	6911	Gx	20 19 38.3
NGC	6913	OC	20 23 54.0
NGC	6914	Nb	20 24 48.0
NGC	6915	Gx	20 27 46.0
NGC	6922	Gx	20 29 52.8
NGC	6926	Gx	20 33 05.9
NGC	6927	Gx	20 32 38.1
NGC	6927 A	Gx	20 32.6
NGC	6928	Gx	20 32 50.1
NGC	6929	Gx	20 33 21.6
NGC	693	Gx	01 50 30.9
NGC	6930	Gx	20 32 58.8
NGC	6934	Gb	20 34 11.6
NGC	6939	OC	20 31 24.0
NGC	694	Gx	01 50 58.4
NGC	6940	OC	20 34 36.0
NGC	6944	Gx	20 38 23.8
NGC	6946	Gx	20 34 52.1
NGC	695	Gx	01 51 14.2
NGC	6951	Gx	20 37 14.0
NGC	6956	Gx	20 43 53.7
NGC	6959	Gx	20 47 07.1

NGC	6960	Nb	20 45 42.0
NGC	6962	Gx	20 47 18.9
NGC	6964	Gx	20 47 24.2
NGC	6965	Gx	20 47 20.5
NGC	6969	Gx	20 48 27.6
NGC	697	Gx	01 51 17.5
NGC	6971	Gx	20 49 23.7
NGC	6972	Gx	20 49 58.9
NGC	6974	Nb	20 50 48.0
NGC	6976	Gx	20 52 25.9
NGC	6977	Gx	20 52 29.6
NGC	6978	Gx	20 52 35.4
NGC	6979	Nb	20 51 00.0
NGC	6981	Gb	20 53 27.9
NGC	6985	Gx	20 45 03.0
NGC	6988	Gx	20 55 48.9
NGC	6991	OC	20 56 36.0
NGC	6992/5	Nb	20 56.4
NGC	6994	OC	20 59 00.0
NGC	6995	Nb	20 57 06.0
NGC	6996	OC	20 56 30.0
NGC	6997	OC	20 56 30.0
NGC	70	Gx	00 18 22.4
NGC	7000	Nb	21 01 48.0
NGC	7003	Gx	21 00 42.3
NGC	7005	OC	21 01 57.0
NGC	7006	Gb	21 01 29.5
NGC	7008	PN	21 00 32.8
NGC	7009	PN	21 04 10.8
NGC	701	Gx	01 51 03.8
NGC	7013	Gx	21 03 33.6
NGC	7015	Gx	21 05 37.3
NGC	7023	Nb	21 00 30.0
NGC	7023	OC	21 00 30.0
NGC	7024	OC	21 06 10.0
NGC	7025	Gx	21 07 47.4
NGC	7026	PN	21 06 18.6
NGC	7027	PN	21 07 01.7
NGC	703	Gx	01 52 39.6
NGC	7031	OC	21 07 18.0
NGC	7039	OC	21 11 12.0
NGC	704	Gx	01 52 37.7
NGC	7042	Gx	21 13 45.7
NGC	7044	OC	21 12 54.0
NGC	7046	Gx	21 14 56.0
NGC	7048	PN	21 14 15.2
NGC	705	Gx	01 52 41.6
NGC	7052	Gx	21 18 33.0
NGC	7055	OC	21 19 30.0
NGC	706	Gx	01 51 50.7
NGC	7062	OC	21 23 12.0
NGC	7063	OC	21 24 24.0
NGC	7066	Gx	21 26 13.7
NGC	7067	OC	21 24 12.0
NGC	7068	Gx	21 26 32.3
NGC	7069	Gx	21 28 05.8
NGC	7076	PN	21 26 24.1
NGC	7077	Gx	21 29 59.5
NGC	708	Gx	01 52 46.4

Objekt-Übersicht

NGC	7080	Gx	21 30 01.9
NGC	7081	Gx	21 31 24.3
NGC	7082	OC	21 29 24.0
NGC	7086	OC	21 30 30.0
NGC	709	Gx	01 52 50.6
NGC	7094	PN	21 36 53.0
NGC	71	Gx	00 18 23.5
NGC	710	Gx	01 52 54.0
NGC	7102	Gx	21 39 44.5
NGC	7113	Gx	21 42 26.5
NGC	7116	Gx	21 42 40.4
NGC	7120	Gx	21 44 33.2
NGC	7127	OC	21 43 54.0
NGC	7128	OC	21 44 00.0
NGC	7129	OC	21 41 18.0
NGC	7132	Gx	21 47 16.4
NGC	7133	Nb	21 42 36.0
NGC	7137	Gx	21 48 13.0
NGC	7139	PN	21 46 08.4
NGC	714	Gx	01 53 29.6
NGC	7142	OC	21 45 54.0
NGC	7159	Gx	21 56 25.6
NGC	7160	OC	21 53 42.0
NGC	717	Gx	01 53 55.0
NGC	7177	Gx	22 00 41.2
NGC	718	Gx	01 53 13.0
NGC	7184	Gx	22 02 39.9
NGC	719	Gx	01 53 38.8
NGC	7190	Gx	22 03 06.6
NGC	7194	Gx	22 03 30.9
NGC	7195	Gx	22 03 30.2
NGC	7197	Gx	22 02 57.9
NGC	72	Gx	00 18 28.4
NGC	720	Gx	01 53 00.4
NGC	7206	Gx	22 05 40.9
NGC	7207	Gx	22 05 45.6
NGC	7209	OC	22 05 12.0
NGC	721	Gx	01 54 45.4
NGC	7217	Gx	22 07 52.1
NGC	722	Gx	01 54 46.9
NGC	7223	Gx	22 10 09.2
NGC	7224	Gx	22 11 35.3
NGC	7226	OC	22 10 30.0
NGC	7227	Gx	22 11 31.3
NGC	7228	Gx	22 11 48.6
NGC	7231	Gx	22 12 30.3
NGC	7235	OC	22 12 36.0
NGC	7236	Gx	22 14 45.0
NGC	7237	Gx	22 14 46.9
NGC	7240	Gx	22 15 22.7
NGC	7241	Gx	22 15 49.7
NGC	7242	Gx	22 15 39.3
NGC	7243	OC	22 15 18.0
NGC	7244	Gx	22 16 26.7
NGC	7245	OC	22 15 18.0
NGC	7248	Gx	22 16 52.5
NGC	7250	Gx	22 18 17.7
NGC	7253	Gx	22 19 27.3
NGC	7261	OC	22 20 24.0

NGC	7263	Gx	22 21 45.2
NGC	7265	Gx	22 22 27.5
NGC	7270	Gx	22 23 47.5
NGC	7272	Gx	22 24 31.6
NGC	7273	Gx	22 24 09.1
NGC	7274	Gx	22 24 11.0
NGC	7275	Gx	22 24 17.3
NGC	7276	Gx	22 24 14.3
NGC	7280	Gx	22 26 27.6
NGC	7281	OC	22 24 42.0
NGC	7283	Gx	22 28 32.7
NGC	7286	Gx	22 27 50.5
NGC	7290	Gx	22 28 26.5
NGC	7291	Gx	22 28 29.4
NGC	7292	Gx	22 28 25.7
NGC	7293	PN	22 29 38.4
NGC	7295	OC	22 27 52.0
NGC	7296	OC	22 28 12.0
NGC	7303	Gx	22 31 33.0
NGC	731	Gx	01 54 55.9
NGC	7314	Gx	22 35 45.9
NGC	7315	Gx	22 35 31.6
NGC	7316	Gx	22 35 56.2
NGC	7317	Gx	22 35 51.9
NGC	7318	Gx	22 35 56.7
NGC	7318 A	Gx	22 35 56.7
NGC	7318 B	Gx	22 35 58.3
NGC	7318A	Gx	22 35 56.7
NGC	7318B	Gx	22 35 58.3
NGC	7319	Gx	22 36 03.5
NGC	7320	Gx	22 36 03.5
NGC	7320 C	Gx	22 36 20.3
NGC	7321	Gx	22 36 27.9
NGC	7323	Gx	22 36 53.5
NGC	7324	Gx	22 37 01.0
NGC	7328	Gx	22 37 29.2
NGC	7330	Gx	22 36 56.1
NGC	7331	Gx	22 37 05.1
NGC	7332	Gx	22 37 24.6
NGC	7335	Gx	22 37 19.3
NGC	7336	Gx	22 37 21.9
NGC	7337	Gx	22 37 26.6
NGC	7339	Gx	22 37 47.0
NGC	7340	Gx	22 37 44.1
NGC	7342	Gx	22 38 13.2
NGC	7343	Gx	22 38 37.8
NGC	7345	Gx	22 38 44.9
NGC	7346	Gx	22 39 35.4
NGC	7347	Gx	22 39 56.0
NGC	7348	Gx	22 40 36.2
NGC	7354	PN	22 40 20.0
NGC	7356	Gx	22 42 02.3
NGC	7357	Gx	22 42 23.9
NGC	736	Gx	01 56 41.0
NGC	7360	Gx	22 43 34.1
NGC	7363	Gx	22 43 18.5
NGC	7366	Gx	22 44 26.6
NGC	7367	Gx	22 44 34.2
NGC	7369	Gx	22 44 12.2

NGC	7372	Gx	22 45 46.0
NGC	7373	Gx	22 46 19.4
NGC	7374	Gx	22 46 00.0
NGC	7376	Gx	22 47 17.5
NGC	7377	Gx	22 47 47.4
NGC	738	Gx	01 56 45.6
NGC	7380	OC	22 47 00.0
NGC	7383	Gx	22 49 35.5
NGC	7384	Gx	22 49 45.8
NGC	7385	Gx	22 49 54.6
NGC	7386	Gx	22 50 02.0
NGC	7387	Gx	22 50 17.6
NGC	7389	Gx	22 50 16.0
ngc	7390	Gx	22 50 19.5
NGC	7396	Gx	22 52 22.6
NGC	7397	Gx	22 52 46.6
NGC	7398	Gx	22 52 49.2
NGC	740	Gx	01 56 55.0
NGC	7407	Gx	22 53 21.0
NGC	7409	Gx	22 53 48.0
NGC	741	Gx	01 56 20.9
NGC	7411	Gx	22 54 34.8
NGC	7419	OC	22 54 18.0
NGC	7422	Gx	22 56 12.3
NGC	7423	OC	22 55 18.0
NGC	7426	Gx	22 56 03.0
NGC	7427	Gx	22 57 09.8
NGC	7428	Gx	22 57 19.5
NGC	7429	OC	22 55 54.0
NGC	743	OC	01 58 42.0
NGC	7430	Gx	22 57 29.7
NGC	7434	Gx	22 58 21.4
NGC	7436	Gx	22 57 57.5
NGC	7437	Gx	22 58 10.1
NGC	7439	Gx	22 58 09.9
NGC	744	OC	01 58 24.0
NGC	7440	Gx	22 58 32.5
NGC	7442	Gx	22 59 26.6
NGC	7445	Gx	22 59 22.4
NGC	7446	Gx	22 59 28.9
NGC	7448	Gx	23 00 03.6
NGC	7449	Gx	22 59 37.6
NGC	7451	Gx	23 00 40.6
NGC	7454	Gx	23 01 06.6
NGC	7457	Gx	23 00 59.8
NGC	7461	Gx	23 01 48.1
NGC	7463	Gx	23 01 51.8
NGC	7464	Gx	23 01 53.8
NGC	7465	Gx	23 02 00.9
NGC	7466	Gx	23 02 03.4
NGC	7468	Gx	23 02 59.2
NGC	7469	Gx	23 03 15.5
NGC	7473	Gx	23 03 57.1
NGC	7479	Gx	23 04 56.7
NGC	7480	Gx	23 05 13.5
NGC	7482	Gx	23 05 38.6
NGC	7485	Gx	23 06 04.8
NGC	7487	Gx	23 06 50.5
NGC	7489	Gx	23 07 32.5

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NGC	7490	Gx	23 07 25.1
NGC	7492	Gb	23 08 26.7
NGC	7495	Gx	23 08 57.4
NGC	7497	Gx	23 09 03.5
NGC	7499	Gx	23 10 22.3
NGC	750	Gx	01 57 32.6
NGC	7501	Gx	23 10 30.3
NGC	7503	Gx	23 10 42.2
NGC	7506	Gx	23 11 41.0
NGC	751	Gx	01 57 33.1
NGC	7510	OC	23 11 30.0
NGC	7511	Gx	23 12 26.3
NGC	7512	Gx	23 12 20.9
NGC	7514	Gx	23 12 25.5
NGC	7515	Gx	23 12 48.6
NGC	752	OC	01 57 48.0
NGC	7527	Gx	23 13 41.7
NGC	753	Gx	01 57 42.4
NGC	7532	Gx	23 14 22.2
NGC	7533	Gx	23 14 22.0
NGC	7534	Gx	23 14 26.5
NGC	7536	Gx	23 14 13.1
NGC	7537	Gx	23 14 34.6
NGC	7538	Nb	23 14 06.0
NGC	7539	Gx	23 14 29.4
NGC	7541	Gx	23 14 43.2
NGC	7543	Gx	23 14 34.5
NGC	7546	Gx	23 15 05.5
NGC	7547	Gx	23 15 03.4
NGC	7548	Gx	23 15 11.1
NGC	7549	Gx	23 15 17.1
NGC	7550	Gx	23 15 16.0
NGC	7553	Gx	23 15 33.0
NGC	7556	Gx	23 15 44.4
NGC	7558	Gx	23 15 38.2
NGC	7559	Gx	23 15 46.5
NGC	7562	Gx	23 15 57.6
NGC	7563	Gx	23 15 55.9
NGC	7566	Gx	23 16 37.4
NGC	7568	Gx	23 16 24.9
NGC	7570	Gx	23 16 44.7
NGC	7576	Gx	23 17 22.7
NGC	7578	Gx	23 17 11.9
NGC	7580	Gx	23 17 36.6
NGC	7585	Gx	23 18 01.3
NGC	759	Gx	01 57 50.3
NGC	7591	Gx	23 18 16.2
NGC	7592	Gx	23 18 22.0
NGC	76	Gx	00 19 37.7
NGC	7600	Gx	23 18 53.8
NGC	7603	Gx	23 18 56.4
NGC	7606	Gx	23 19 04.8
NGC	7608	Gx	23 19 15.3
NGC	7609	Gx	23 19 30.0
NGC	761	Gx	01 57 49.6
NGC	7611	Gx	23 19 36.5
NGC	7612	Gx	23 19 44.1
NGC	7613	Gx	23 19 51.5
NGC	7615	Gx	23 19 54.4

NGC	7617	Gx	23 20 08.9
NGC	7618	Gx	23 19 47.3
NGC	7619	Gx	23 20 14.6
NGC	7620	Gx	23 20 05.6
NGC	7621	Gx	23 20 24.7
NGC	7623	Gx	23 20 29.9
NGC	7624	Gx	23 20 22.6
NGC	7625	Gx	23 20 30.2
NGC	7626	Gx	23 20 42.6
NGC	7628	Gx	23 20 55.0
NGC	7629	Gx	23 21 19.3
NGC	7631	Gx	23 21 26.7
NGC	7634	Gx	23 21 41.7
NGC	7635	Nb	23 20 12.0
NGC	7640	Gx	23 22 06.6
NGC	7649	Gx	23 24 20.1
NGC	7653	Gx	23 24 49.1
NGC	7659	Gx	23 25 55.5
NGC	7662	PN	23 25 53.9
NGC	7664	Gx	23 26 39.7
NGC	7671	Gx	23 27 19.3
NGC	7673	Gx	23 27 41.2
NGC	7674	Gx	23 27 56.7
NGC	7675	Gx	23 28 05.8
NGC	7677	Gx	23 28 06.1
NGC	7678	Gx	23 28 27.8
NGC	7679	Gx	23 28 46.5
NGC	768	Gx	01 58 40.8
NGC	7680	Gx	23 28 35.2
NGC	7682	Gx	23 29 03.8
NGC	7686	OC	23 30 12.0
NGC	7687	Gx	23 30 54.4
NGC	769	Gx	01 59 35.8
NGC	7698	Gx	23 34 01.5
NGC	770	Gx	01 59 13.5
NGC	7703	Gx	23 34 46.8
NGC	7707	Gx	23 34 51.3
NGC	7711	Gx	23 35 39.4
NGC	7712	Gx	23 35 51.5
NGC	7714	Gx	23 36 14.1
NGC	7715	Gx	23 36 21.7
NGC	772	Gx	01 59 19.5
NGC	7720	Gx	23 38 29.3
NGC	7721	Gx	23 38 48.6
NGC	7722	Gx	23 38 40.9
NGC	7723	Gx	23 38 57.0
NGC	7726	Gx	23 38 36.2
NGC	7727	Gx	23 39 53.7
NGC	7728	Gx	23 40 00.7
NGC	7737	Gx	23 42 46.3
NGC	7741	Gx	23 43 54.3
NGC	7742	Gx	23 44 15.7
NGC	7743	Gx	23 44 21.1
NGC	7747	Gx	23 45 32.5
NGC	7752	Gx	23 46 58.5
NGC	7753	Gx	23 47 04.8
NGC	776	Gx	01 59 54.6
NGC	7762	OC	23 49 48.0
NGC	7768	Gx	23 50 58.4

NGC	7769	Gx	23 51 04.1
NGC	777	Gx	02 00 14.8
NGC	7770	Gx	23 51 22.5
NGC	7771	Gx	23 51 24.6
NGC	7772	OC	23 51 48.0
NGC	7775	Gx	23 52 24.4
NGC	7777	Gx	23 53 12.5
NGC	7779	Gx	23 53 26.6
NGC	778	Gx	02 00 19.4
NGC	7781	Gx	23 53 45.9
NGC	7782	Gx	23 53 53.9
NGC	7783A	Gx	23 54 10.1
NGC	7784	Gx	23 55 13.6
NGC	7785	Gx	23 55 18.9
NGC	7786	Gx	23 55 21.1
NGC	7787	Gx	23 56 07.8
NGC	7788	OC	23 56 42.0
NGC	7789	OC	23 57 00.0
NGC	779	Gx	01 59 42.6
NGC	7790	OC	23 58 24.0
NGC	7798	Gx	23 59 25.6
NGC	7802	Gx	00 01 00.5
NGC	7803	Gx	00 01 20.0
NGC	781	Gx	02 00 08.8
NGC	7810	Gx	00 02 19.1
NGC	7814	Gx	00 03 14.8
NGC	7816	Gx	00 03 49.0
NGC	7817	Gx	00 03 58.5
NGC	7818	Gx	00 04 09.0
NGC	7821	Gx	00 05 16.5
NGC	7822	Nb	00 03 36.0
NGC	7824	Gx	00 05 06.2
NGC	783	Gx	02 01 06.6
NGC	7831	Gx	00 07 19.3
NGC	7836	Gx	00 08 01.6
NGC	784	Gx	02 01 17.1
NGC	785	Gx	02 01 40.0
NGC	788	Gx	02 01 06.4
NGC	789	Gx	02 02 26.0
NGC	794	Gx	02 02 29.4
NGC	798	Gx	02 03 19.6
NGC	80	Gx	00 21 10.9
NGC	804	Gx	02 04 02.2
NGC	805	Gx	02 04 29.5
NGC	807	Gx	02 04 55.5
NGC	812	Gx	02 06 51.7
NGC	818	Gx	02 08 44.4
NGC	819	Gx	02 08 34.5
NGC	820	Gx	02 08 24.9
NGC	821	Gx	02 08 21.0
NGC	828	Gx	02 10 09.5
NGC	829	Gx	02 08 42.2
NGC	83	Gx	00 21 22.6
NGC	830	Gx	02 08 58.7
NGC	832	Gx	02 09 50.5
NGC	833	Gx	02 09 20.8
NGC	834	Gx	02 11 01.2
NGC	835	Gx	02 09 24.6
NGC	838	Gx	02 09 38.4

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NGC	839	Gx	02 09 42.9
NGC	841	Gx	02 11 17.4
NGC	842	Gx	02 09 50.7
NGC	845	Gx	02 12 19.7
NGC	846	Gx	02 12 12.1
NGC	860	Gx	02 15 00.1
NGC	861	Gx	02 15 51.1
NGC	864	Gx	02 15 27.5
NGC	869	OC	02 19 00.0
NGC	871	Gx	02 17 10.6
NGC	877	Gx	02 17 59.7
NGC	884	OC	02 22 24.0
NGC	886	OC	02 23 06.0
NGC	890	Gx	02 22 01.0
NGC	891	Gx	02 22 33.0
NGC	896	Nb	02 24 48.0
NGC	898	Gx	02 23 20.2
NGC	9	Gx	00 08 54.5
NGC	900	Gx	02 23 32.1
NGC	904	Gx	02 24 05.5
NGC	906	Gx	02 25 16.2
NGC	908	Gx	02 23 04.6
NGC	909	Gx	02 25 22.7
NGC	910	Gx	02 25 26.8
NGC	911	Gx	02 25 42.4
NGC	912	Gx	02 25 42.7
NGC	913	Gx	02 25 44.8
NGC	914	Gx	02 26 05.1
NGC	915	Gx	02 25 45.5
NGC	916	Gx	02 25 47.6
NGC	918	Gx	02 25 50.8
NGC	919	Gx	02 26 16.6
NGC	923	Gx	02 27 34.6
NGC	924	Gx	02 26 46.7
NGC	925	Gx	02 27 16.8
NGC	93	Gx	00 22 03.4
NGC	930	Gx	02 27 48.4
NGC	931	Gx	02 28 14.5
NGC	933	Gx	02 29 17.4
NGC	936	Gx	02 27 37.5
NGC	938	Gx	02 28 33.5
NGC	940	Gx	02 29 27.4
NGC	941	Gx	02 28 27.8
NGC	946	Gx	02 30 38.4
NGC	949	Gx	02 30 48.8
NGC	95	Gx	00 22 13.6
NGC	955	Gx	02 30 33.1
NGC	956	OC	02 32 24.0
NGC	957	OC	02 33 36.0
NGC	959	Gx	02 32 24.0
NGC	962	Gx	02 32 39.9
NGC	969	Gx	02 34 08.0
NGC	97	Gx	00 22 30.0
NGC	972	Gx	02 34 13.3
NGC	973	Gx	02 34 20.1
NGC	974	Gx	02 34 25.7
NGC	976	Gx	02 33 59.9
NGC	978A	Gx	02 34 47.0
NGC	980	Gx	02 35 24.8

NGC	982	Gx	02 35 18.5
NGC	985	Gx	02 34 37.8
NGC	987	Gx	02 36 49.5
NGC	991	Gx	02 35 32.6
NGC	992	Gx	02 37 25.5
NGC	993	Gx	02 36 46.0
NGC	995	Gx	02 38 31.9
NGC	996	Gx	02 38 39.6
NGC	999	Gx	02 38 47.4
Pal	1	Gb	03 33.2
Pal	10	Gb	19 18.2
Pal	11	Gb	19 45.3
Pal	13	Gb	23 06.7
Pal	2	Gb	04 46.1
Pal	3	Gb	10 05.5
Pal	4	Gb	11 29.3
Pal	5	Gb	15 16.1
Pal	8	Gb	18 41.5
Par	21	Nb	19 28 59.3
PG	1115+080	QS	11 18 17.0
PG	935+41	QS	09 38 57.0
PGC	0804+762	QS	08 10 58.5
PGC	10589	Gx	02 47 57.2
PGC	1138	Gx	00 17 17.0
PGC	11646	Gx	03 06 11.5
PGC	11669	Gx	03 06 52.0
PGC	12004	Gx	03 13 28.7
PGC	12028	Gx	03 13 53.2
PGC	12295	Gx	03 18.3
PGC	12316	Gx	03 18.5
PGC	12556	Gx	03 20 57.2
PGC	12562	Gx	03 21 00.2
PGC	12580	Gx	03 21 20.8
PGC	12596	Gx	03 21 34.3
PGC	12652	Gx	03 22 43.9
PGC	13618	Gx	03 42 28.4
PGC	143	Gx	00 02.0
PGC	15620	Gx	04 36 18.6
PGC	15631	Gx	04 36 30.3
PGC	16048	Gx	04 48 22.0
PGC	16215	Gx	04 52 25.2
PGC	16865	Gx	05 10 47.0
PGC	17146	Gx	05 20 48.1
PGC	1739	Gx	00 28 16.8
PGC	1798	Gx	00 29 25.2
PGC	18335	Gx	06 03 11.0
PGC	19426	Gx	06 41 07.3
PGC	19676	Gx	06 49 47.2
PGC	19681	Gx	06 49 53.3
PGC	19682	Gx	06 49 59.1
PGC	19686	Gx	06 50 05.1
PGC	21337	Gx	07 35 07.3
PGC	21400	Gx	07 36 56.8
PGC	21624	Gx	07 42 40.8
PGC	21646	Gx	07 43 12.2
PGC	21839	Gx	07 48 09.4
PGC	22615	Gx	08 03 28.1
PGC	22719	Gx	08 05 35.5
PGC	23955	Gx	08 32 28.1

PGC	26188	Gx	09 16 46.1
PGC	27508	Gx	09 38 53.2
PGC	27509	Gx	09 38 53.53
PGC	27513	Gx	09 38 55.04
PGC	27516	Gx	09 38 55.93
PGC	28990	Gx	10 01.1
PGC	30008	Gx	10 16 33.8
PGC	33056	Gx	10 58 56.9
PGC	33435	Gx	11 04 04.4
PGC	3357	Gx	00 56 22.8
PGC	34803	Gx	11 21 26.9
PGC	35210	Gx	11 26 48.4
PGC	35305	Gx	11 28.3
PGC	3575	Gx	00 59 52.7
PGC	35799	Gx	11 35 02.6
PGC	35843	Gx	11 35 39.9
PGC	36500	Gx	11 44 10.9
PGC	36716	Gx	11 46 26.2
PGC	37184	Gx	11 52 24.4
PGC	38257	Gx	12 04 59.3
PGC	39763	Gx	12 20 06.1
PGC	40101	Gx	12 22 36.2
PGC	40377	Gx	12 24 28.9
PGC	40576	Gx	12 25 46.2
PGC	4112	Gx	01 09 13.4
PGC	41161	Gx	12 29 27.6
PGC	4140	Gx	01 09 42.5
PGC	41591	Gx	12 32 35.0
PGC	41892	Gx	12 35 02.4
PGC	4208	Gx	01 10 52.2
PGC	4234	Gx	01 11 07.8
PGC	4244	Gx	01 11 10.5
PGC	4339	Gx	01 12 22.8
PGC	43882	Gx	12 54 11.7
PGC	44043	Gx	12 55 25
PGC	44044	Gx	12 55 28
PGC	44196	Gx	12 56 51
PGC	44416	Gx	12 58 09
PGC	44467	Gx	12 58 30
PGC	44487	Gx	12 58 36
PGC	44537	Gx	12 59 01
PGC	44541	Gx	12 59 05
PGC	44848	Gx	13 00 52
PGC	44928	Gx	13 01 48
PGC	45277	Gx	13 05 25.7
PGC	46182	Gx	13 16 14.7
PGC	4818	Gx	01 20 18.5
PGC	48432	Gx	13 41 11.3
PGC	48439	Gx	13 41 16.0
PGC	49297	Gx	13 52 43.0
PGC	49361	Gx	13 53 31.0
PGC	49556	Gx	13 56 12.5
PGC	49828	Gx	14 00 00.2
PGC	50857	Gx	14 14 15.4
PGC	5133	Gx	01 24 00.5
PGC	5226	Gx	01 24 49.6
PGC	5364	Gx	01 26 33.7
PGC	54515	Gx	15 16 38.7
PGC	54804	Gx	15 21 30.4

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PGC	55551	Gx	15 35 52.9
PGC	55595	Gx	15 36 39.0
PGC	57698	Gx	16 16 49.9
PGC	57715	Gx	16 17 08.2
PGC	5796	Gx	01 33 28.5
PGC	58008	Gx	16 23 45.5
PGC	58121	Gx	16 26 21.7
PGC	58135	Gx	16 26 39.7
PGC	58143	Gx	16 26 46.9
PGC	58264	Gx	16 28 38.0
PGC	58266	Gx	16 28 39.5
PGC	58268	Gx	16 28 41.6
PGC	58334	Gx	16 29 23.8
PGC	58354	Gx	16 29 48.3
PGC	58382	Gx	16 30 30.5
PGC	58413	Gx	16 31 06.2
PGC	58436	Gx	16 31.6
PGC	58777	Gx	16 41.6
PGC	5885	Gx	01 34 59.4
PGC	58867	Gx	16 44.2
PGC	59021	Gx	16 48 17.5
PGC	59307	Gx	16 57 18.3
PGC	59440	Gx	17 01 07.7
PGC	59476	Gx	17 02 24.1
PGC	59839	Gx	17 12 41.6
PGC	59844	Gx	17 12 47.7
PGC	60517	Gx	17 34 33.0
PGC	60524	Gx	17 34 54.2
PGC	61879	Gx	18 26 41.0
PGC	6204	Gx	01 40 41.7
PGC	62476	Gx	18 50 18.2
PGC	62613	Gx	18 57 37.5
PGC	62756	Gx	19 05 25.9
PGC	63061	Gx	19 19 15.7
PGC	63078	Gx	19 20 18.1
PGC	63079	Gx	19 20 18.5
PGC	63087	Gx	19 20 33.0
PGC	63089	Gx	19 20 35.9
PGC	63090	Gx	19 20 36.6
PGC	63094	Gx	19 20 44.2
PGC	63095	Gx	19 20 44.2
PGC	63097	Gx	19 20 59.3
PGC	63105	Gx	19 21 11.6
PGC	63113	Gx	19 21 19.4
PGC	63120	Gx	19 21 30.4
PGC	63136	Gx	19 22 15.7
PGC	63138	Gx	19 22 21.6
PGC	63142	Gx	19 22 32.2
PGC	63313	Gx	19 31 08.8
PGC	63556	Gx	19 43 11.6
PGC	6366	Gx	01 43 56.4
PGC	63832	Gx	19 56 12.8
PGC	63852	Gx	19 56 49.5
PGC	6390	Gx	01 44 30.6
PGC	64419	Gx	20 17 05.4
PGC	6507	Gx	01 46 27.5
PGC	65257	Gx	20 43 29.4
PGC	6542	Gx	01 46 56.9
PGC	66150	Gx	21 07 45.8

PGC	67786	Gx	21 59 23.9
PGC	67935	Gx	22 03.2
PGC	6812	Gx	01 50 53.6
PGC	68466	Gx	22 16 22.4
PGC	6870	Gx	01 51 33.7
PGC	6928	Gx	01 52 16.8
PGC	6945	Gx	01 52 32.3
PGC	69457	Gx	22 40 26.4
PGC	69543	Gx	22 42 20.6
PGC	69656	Gx	22 45 20.0
PGC	69929	Gx	22 53 29.4
PGC	70003	Gx	22 55 14.5
PGC	70233	Gx	23 00 19.1
PGC	70357	Gx	23 03 23.0
PGC	70378	Gx	23 04 02.5
PGC	70428	Gx	23 05 07.6
PGC	71101	Gx	23 20 02.9
PGC	7122	Gx	01 54 57.4
PGC	71557	Gx	23 28 52.4
PGC	71976	Gx	23 38 18.3
PGC	71987	Gx	23 38 28.6
PGC	71994	Gx	23 38 42.4
PGC	71999	Gx	23 38 48.4
PGC	72027	Gx	23 39 18.8
PGC	72246	Gx	23 44 01.0
PGC	72639	Gx	23 51 26.1
PGC	8276	Gx	02 10 02.1
PGC	8391	Gx	02 11 33.2
PGC	9017	Gx	02 22 18.4
PGC	9357	Gx	02 27 36.7
PGC	9754	Gx	02 33 39.0
PGC	9895	Gx	02 36 23.8
PK	10+18.2	PN	17 05.6
PK	10-6.2	PN	18 34.9
PK	100-8.1	PN	22 31.7
PK	101+8.1	PN	21 26.4
PK	102-2.1	PN	22 26.3
PK	102-5.1	PN	22 34.7
PK	103+0.1	PN	22 16.1
PK	103+0.2	PN	22 20.5
PK	104-1.1	PN	22 32.3
PK	104-29.1	PN	23 35.9
PK	107-13.1	PN	23 23.0
PK	107-2.1	PN	22 56.3
PK	108+8.1	PN	23 56.6
PK	111-2.1	PN	23 26.3
PK	112-10.1	PN	23 47.7
PK	114-4.1	PN	23 45.8
PK	116+8.1	PN	23 31.9
PK	118+8.2	PN	00 01.6
PK	118-8.1	PN	23 56.6
PK	119+6.1	PN	00 12 55.0
PK	119-6.1	PN	00 28.2
PK	122-4.1	PN	00 45.6
PK	124+10.1	PN	01 07 07.59
PK	13+32.1	PN	16 21.0
PK	13+4.1	PN	17 59.0
PK	130-11.1	PN	01 37.2
PK	131+2.1	PN	02 12.2

PK	131-5.1	PN	01 53.7
PK	136+4.1	PN	02 58.9
PK	136+5.1	PN	03 03 46.99
PK	14-5.1	PN	18 36 32.1
PK	14-5.2	PN	18 37 11.1
PK	141-7.1	PN	02 52.3
PK	144-15.1	PN	02 45.4
PK	147+4.1	PN	04 13.3
PK	147-2.1	PN	03 41.6
PK	15+3.1	PN	18 07.5
PK	15-3.1	PN	18 30.2
PK	153+22.1	PN	06 43.9
PK	158-17.1	PN	06 19.6
PK	164+31.1	PN	07 57.8
PK	167-0.1	PN	05 06.6
PK	17-10.1	PN	19 01.0
PK	171-25.1	PN	03 53.5
PK	172+0.1	PN	05 28 56.8
PK	173-5.1	PN	05 08.1
PK	174-14.1	PN	04 37.3
PK	18+20.1	PN	17 12.9
PK	184-2.1	PN	05 46.9
PK	189+7.1	PN	06 37.4
PK	19+3.1	PN	18 15.3
PK	19-23.1	PN	19 57.5
PK	19-5.1	PN	18 45.9
PK	190-17.1	PN	05 05.6
PK	191-3.1	PN	06 11.2
PK	193-9.1	PN	05 40.4
PK	194+2.1	PN	06 26.0
PK	194+7.1	PN	06 25.9
PK	197-14.1	PN	05 31.8
PK	197-3.1	PN	06 11.2
PK	198-6.1	PN	06 02.4
PK	20-0.1	PN	18 30.3
PK	20-5.1	PN	18 50 44.1
PK	200+8.1	PN	06 59.9
PK	204+4.1	PN	06 52.6
PK	204-8.1	PN	06 04.8
PK	205+14.1	PN	07 29.0
PK	208+33.1	PN	08 46.8
PK	21-5.1	PN	18 51.5
PK	210+1.1	PN	06 53.5
PK	212+4.1	PN	07 05.3
PK	214+7.1	PN	07 23.0
PK	215+11.1	PN	07 36.1
PK	215-30.1	PN	05 03.2
PK	216-0.1	PN	06 56,2
PK	217+14.1	PN	07 51.7
PK	219+31.1	PN	08 54.2
PK	22-2.1	PN	18 40.3
PK	22-3.1	PN	18 42.9
PK	221+5.1	PN	07 26.5
PK	226+5.1	PN	07 37.3
PK	226-3.1	PN	07 02.7
PK	228+5.1	PN	07 40.4
PK	23-2.1	PN	18 43.3
PK	232-1.1	PN	07 21.1
PK	233-16.1	PN	06 27.0

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PK	235-1.1	PN	07 27.9
PK	238+34.1	PN	09 39.1
PK	239-12.1	PN	06 55 12.1
PK	24+5.1	PN	18 14.3
PK	24-3.1	PN	18 47.7
PK	24-5.1	PN	18 54.3
PK	241+2.1	PN	07 55.2
PK	245+1.1	PN	08 02.5
PK	248+29.1	PN	09 45.6
PK	248-29.1	PN	09 45.6
PK	25-11.1	PN	19 19.3
PK	25-2.1	PN	18 46.4
PK	25-4.1	PN	18 54.3
PK	26-1.1	PN	18 45.6
PK	26-11.1	PN	19 18.3
PK	26-2.1	PN	18 47.5
PK	26-2.3	PN	18 50.7
PK	27+4.1	PN	18 26.7
PK	27-3.1	PN	18 53.5
PK	27-3.2	PN	18 54.0
PK	28+1.1	PN	18 37.6
PK	303+40.1	PN	12 53.6
PK	31-10.1	PN	19 27.0
PK	318+41.1	PN	13 40.6
PK	32-2.1	PN	18 58.4
PK	33-5.1	PN	19 10.5
PK	342+27.1	PN	15 22.3
PK	351+9.1	PN	16 50.3
PK	352-7.1	PN	18 00.2
PK	353+8.1	PN	16 55.7
PK	36+17.1	PN	17 53.6
PK	36-1.1	PN	19 02.0
PK	37-3.2	PN	19 13.1
PK	38+12.1	PN	18 17.6
PK	38-25.1	PN	20 31.6
PK	39-2.1	PN	19 13.6
PK	40-0.1	PN	19 06.8
PK	40-3.1	PN	19 18.5
PK	43+11.1	PN	18 37.8
PK	43-13.1	PN	19 58.4
PK	43-3.1	PN	19 21.0
PK	44-5.1	PN	19 32.6
PK	44-9.1	PN	19 45.6
PK	45+24.1	PN	17 42.5
PK	45-2.1	PN	19 24.4
PK	46-3.1	PN	19 27.8
PK	47+42.1	PN	16 27.5
PK	47-4.1	PN	19 33.4
PK	48+1.1	PN	19 13.6
PK	48+4.2	PN	19 04.9
PK	48-2.1	PN	19 28.2
PK	49+2.1	PN	19 13.1
PK	49+88.1	PN	12 59.4
PK	5+6.1	PN	17 35.4
PK	51+6.1	PN	19 03.6
PK	51+9.1	PN	18 49.7
PK	51-3.1	PN	19 41.2
PK	52+7.1	PN	18 59.0
PK	52-2.2	PN	19 39.2

PK	52-4.1	PN	19 42.3
PK	53+24.1	PN	17 54.4
PK	53-3.1	PN	19 42 10.42
PK	53-3.2	PN	19 41 57.08
PK	55+16.1	PN	18 31.3
PK	55-0.1	PN	19 38.4
PK	56-6.1	PN	20 02.6
PK	58+6.1	PN	19 17.1
PK	59-1.1	PN	19 48.5
PK	59-18.1	PN	20 50.1
PK	60-4.1	PN	20 00.2
PK	60-7.1	PN	20 11.9
PK	61+8.1	PN	19 14.5
PK	64+15.1	PN	18 50.0
PK	64+5.1	PN	19 34.8
PK	65-27.1	PN	21 20.0
PK	65-5.1	PN	20 17.3
PK	68+1.2	PN	19 59.3
PK	68-0.1	PN	20 04.7
PK	71-2.1	PN	20 21.1
PK	72-17.1	PN	21 16.8
PK	75+35.1	PN	17 13 50
PK	75+4.1	PN	20 04.4
PK	75+5.1	PN	19 57.1
PK	77+14.1	PN	19 19.2
PK	77-5.1	PN	20 51.0
PK	79+5.1	PN	20 09.1
PK	79+6.1	PN	20 06.9
PK	8-1.1	PN	18 08.4
PK	8-7.1	PN	18 31.9
PK	80-6.1	PN	21 02 18.8
PK	81-14.1	PN	21 35.6
PK	85+4.1	PN	20 32.4
PK	86-8.1	PN	21 33.1
PK	89-2.1	PN	21 19.1
PK	93-2.1	PN	21 37.0
PK	94+27.1	PN	18 21.9
PK	95+0.1	PN	21 31.9
PK	95+7.1	PN	20 56.5
PK	95-2.1	PN	21 43.3
PK	97+3.1	PN	21 32.2
PK	97-2.1	PN	21 57.7
PK	98+2.1	PN	21 39.2
PZ	6	DS	17 59.1
QSO	0014+813	QS	00 17.1
QSO	0017+257	QS	00 19.7
QSO	0026+129	QS	00 29 13.8
QSO	0405-123	QS	04 07 48.5
QSO	0624+691	QS	06 30.0
QSO	0702+6440	QS	07 07.1
QSO	0716+714	QS	07 21 53.3
QSO	0754+100	QS	07 57 06.7
QSO	0833+446	QS	08 36 59.90
QSO	0851+202	QS	08 54.8
QSO	0945+438	QS	09 49.0
QSO	0953+414	QS	09 56.9
QSO	0957+561	QS	10 01.3
QSO	1001+291	QS	10 04.1
QSO	1004+130	QS	10 07.4

QSO	1017+280	QS	10 19 56.60
QSO	1116+215	QS	11 19.1
QSO	1138+221	QS	11 41 16.1
QSO	1156+295	QS	11 59.5
QSO	1202+281	QS	12 04 42.11
QSO	1216+069	QS	12 19.3
QSO	1219+285	QS	12 21.5
QSO	1225+317	QS	12 28.4
QSO	1248+401	QS	12 50 48.32
QSO	1302-102	QS	13 05 33.01
QSO	1307+085	QS	13 09 47.10
QSO	1351+640	QS	13 53 15.85
QSO	1411+442	QS	14 13 48.34
QSO	1422+231	QS	14 24 38.12
QSO	1435+63	QS	14 36 45.80
QSO	1442+295	QS	14 44 53.75
QSO	1510-089	QS	15 12 50.53
QSO	1514-241	QS	15 17.7
QSO	1542+541	QS	15 43 59.47
QSO	1553+113	QS	15 55 43.04
QSO	1634+706	QS	16 34.5
QSO	1700+518	QS	17 01 24.87
QSO	1718+481	QS	17 19.6
QSO	1720+246	QS	17 22 41.3
QSO	1727+502	QS	17 28 18.6
QSO	1749+269	QS	17 51 05.5
QSO	1821+643	QS	18 21 57.3
QSO	1831+731	QS	18 30 23.15
QSO	1959+650	QS	19 59 59.9
QSO	2135-147	QS	21 37.8
QSO	2200+420	QS	22 02.7
QSO	2251-178	QS	22 54 05.9
QSO	2344+092	QS	2346.6
QSO	2344+514	QS	23 47 04.8
QSO	2349-014	QS	23 51.9
QSO	B1634+7037	QS	16 34 28.99
R	207	DS	12 46.3
RCW	151	Nb	18 16.4
RMK	21	DS	16 00.1
Ro	1	OC	19 45.0
Ro	3	OC	19 59.6
Ro	4	OC	20 04.9
Ro	5	OC	20 10.0
Ro	6	OC	20 28.8
Ru	1	OC	06 36.4
Ru	11	OC	07 07.4
Ru	141	OC	18 31.3
Ru	142	OC	18 32.5
Ru	143	OC	18 33.0
Ru	144	OC	18 33.8
Ru	145	OC	18 50.5
Ru	148	OC	04 46.5
Ru	172	OC	20 11.6
Ru	173	OC	20 41.8
Ru	175	OC	20 45.2
S2	0109+224	QS	01 12 05.82
S5	0716+71	QS	07 21.9
S5	1803+78	QS	18 00 45.68
SEI	283	DS	05 28.6

Objekt-Übersicht

Sh2	101	Nb	20 00.0
Sh2	103	Nb	20 51.1
Sh2	104	Nb	20 17.8
Sh2	109	Nb	20 09.0
Sh2	112	Nb	20 33.9
Sh2	115	Nb	20 34.6
Sh2	119	Nb	21 18.4
Sh2	124	Nb	21 38.4
Sh2	126	Nb	22 33.4
Sh2	129	Nb	21 18.8
Sh2	132	Nb	22 18.9
Sh2	135	Nb	22 22.2
Sh2	140	Nb	22 19.1
Sh2	148	Nb	22 56.1
Sh2	152	Nb	22 58.7
Sh2	155	Nb	22 56.8
Sh2	157	Nb	23 16.1
Sh2	157a	Nb	23 16.1
Sh2	161	Nb	23 15.5
Sh2	163	Nb	23 34.0
Sh2	165	Nb	23 39.8
Sh2	168	Nb	23 53.1
Sh2	170	Nb	00 01.7
Sh2	173	Nb	00 21.5
Sh2	174	PN	23 45 02.27
Sh2	188	Nb	01 30.6
Sh2	200	Nb	03 10.8
Sh2	207	Nb	04 20.0
Sh2	208	Nb	04 19.7
Sh2	216	Nb	04 45.0
Sh2	228	Nb	05 13.6
Sh2	230	Nb	05 14.0
Sh2	231	Nb	05 39.3
Sh2	235	Nb	05 41.1
Sh2	240	Nb	05 39.2
Sh2	241	Nb	06 04.1
Sh2	254	Nb	06 12.3
Sh2	257	Nb	06 12.8
Sh2	261	Nb	06 09.1
Sh2	264	Nb	05 35.2
Sh2	269	Nb	06 14.6
Sh2	276	Nb	05 27.5
Sh2	280	Nb	06 34.3
Sh2	282	Nb	06 38.0
Sh2	284	Nb	06 45.1
Sh2	295	Nb	07 02.7
Sh2	301	Nb	07 09.8
Sh2	302	Nb	07 31.6
Sh2	305	Nb	07 30.1
Sh2	307	Nb	07 35.5
Sh2	308	Nb	06 54.2
Sh2	311	Nb	07 52.3
Sh2	34	Nb	18 06.4
Sh2	35	Nb	18 15.9
Sh2	44	Nb	18 16.5
Sh2	54	Nb	18 17.9
Sh2	64	Nb	18 31.6
Sh2	82	Nb	19 30.3
Sh2	88	Nb	19 46.0

Sh2	91	Nb	19 35.6
St	1	OC	19 35.8
St	10	OC	05 39.0
St	11	OC	23 32.9
St	12	OC	23 37.2
St	17	OC	23 45 59.3
St	18	OC	00 01.6
St	19	OC	00 04.4
St	2	OC	02 15.0
St	23	OC	03 16.3
St	24	OC	00 39.7
St	3	OC	01 12.3
St	4	OC	01 52.8
St	5	OC	02 04.5
St	6	OC	02 23.7
St	8	OC	05 27.6
Ste	1	OC	18 53.5
Tom	5	OC	03 47.8
Tr	1	OC	01 35.7
Tr	10	OC	08 47.8
Tr	14	OC	10 43 56.7
Tr	16	OC	10 45 01.6
Tr	2	OC	02 37.3
Tr	26	OC	17 25.3
Tr	27	OC	17 36.2
Tr	3	OC	03 11.8
Tr	32	OC	18 17.7
Tr	33	OC	18 24.8
Tr	34	OC	18 39.8
Tr	35	OC	18 42.9
Tr	5	OC	06 36.7
Tr	6	OC	07 24.0
Tr	7	OC	07 27.3
Tr	9	OC	07 55.3
UA	154	Gx	09 16.8
UA	34	Gx	02 36.3
UA	39	Gx	02 41.9
UGC	1003	Gx	01 25.8
UGC	10200	Gx	16 05.7
UGC	10214	Gx	16 06.1
UGC	1033	Gx	01 27.6
UGC	10407	Gx	16 28.5
UGC	10415	Gx	16 27.4
UGC	10423	Gx	16 28.3
UGC	10427	Gx	16 28.7
UGC	10429	Gx	16 30.6
UGC	10430	Gx	16 28.9
UGC	10436	Gx	16 29.4
UGC	10473	Gx	17 11.5
UGC	105	Gx	00 11.3
UGC	10512	Gx	16 41.7
UGC	10567	Gx	16 49.1
UGC	10583	Gx	16 50.2
UGC	10586	Gx	16 50.8
UGC	10635	Gx	16 58.0
UGC	10646	Gx	16 58.5
UGC	10654	Gx	17 00.5
UGC	1068	Gx	01 29.8
UGC	10822	Gx	17 20 12.39

UGC	11024	Gx	17 52.9
UGC	11027	Gx	17 53.3
UGC	11029	Gx	17 56.9
UGC	11246	Gx	18 28.3
UGC	11265	Gx	18 31.6
UGC	11380	Gx	18 56.9
UGC	11397	Gx	19 03.7
UGC	11399	Gx	19 04.9
UGC	11412	Gx	19 10.8
UGC	11453	Gx	19 31.0
UGC	11460	Gx	19 37.9
UGC	11465	Gx	19 41.7
UGC	11466	Gx	19 42.9
UGC	11559	Gx	20 26.1
UGC	11566	Gx	20 28.3
UGC	11567	Gx	20 28.3
UGC	11620	Gx	20 44.1
UGC	11623	Gx	20 44.5
UGC	11639	Gx	20 49.9
UGC	1166	Gx	01 38.6
UGC	11680	Gx	21 07.7
UGC	11760	Gx	21 31.7
UGC	1179	Gx	01 40.7
UGC	11865	Gx	21 58.6
UGC	11871	Gx	22 00.7
UGC	11897	Gx	22 04.5
UGC	11909	Gx	22 06.3
UGC	11911	Gx	22 07.1
UGC	11949	Gx	22 12.3
UGC	11973	Gx	22 16.8
UGC	11990	Gx	22 20.5
UGC	12009	Gx	22 22.7
UGC	12013	Gx	22 23.0
UGC	12107	Gx	22 36.7
UGC	12127	Gx	22 38.5
UGC	12143	Gx	22 40.4
UGC	12149	Gx	22 41.1
UGC	12164	Gx	22 42.8
UGC	12173	Gx	22 43.9
UGC	12179	Gx	22 45.1
UGC	1219	Gx	01 44.3
UGC	12202	Gx	22 49.5
UGC	12214	Gx	22 51.0
UGC	12222	Gx	22 52.5
UGC	12281	Gx	22 59.2
UGC	12284	Gx	22 59.2
UGC	12298	Gx	23 00.2
UGC	12474	Gx	23 16.7
UGC	12482	Gx	23 17.5
UGC	12491	Gx	23 18.6
UGC	12515	Gx	23 19.9
UGC	12588	Gx	23 22.3
UGC	12613	Gx	23 28.6
UGC	12625	Gx	23 29.1
UGC	12646	Gx	23 31.6
UGC	12655	Gx	23 32.5
UGC	1269	Gx	01 49.1
UGC	1272	Gx	01 49.2
UGC	12721	Gx	23 39 12.02

Objekt-Übersicht

UGC	1277	Gx	01 49.4
UGC	1281	Gx	01 49.6
UGC	1308	Gx	01 50.8
UGC	1318	Gx	01 51.4
UGC	1319	Gx	01 51.5
UGC	1339	Gx	01 52.4
UGC	1344	Gx	01 52.6
UGC	1347	Gx	01 52.8
UGC	1353	Gx	01 53.5
UGC	1359	Gx	01 53.7
UGC	1385	Gx	01 54.9
UGC	1395	Gx	01 55.3
UGC	1397	Gx	01 55.9
UGC	1418	Gx	01 56.9
UGC	1425	Gx	01 56.9
UGC	1427	Gx	01 57.0
UGC	151	Gx	00 16.2
UGC	1518	Gx	02 02.3
UGC	1590	Gx	02 06.1
UGC	1591	Gx	02 06.2
UGC	1596	Gx	02 06.5
UGC	1617	Gx	02 07.6
UGC	1620	Gx	02 07.7
UGC	1624	Gx	02 07.9
UGC	166	Gx	00 17.6
UGC	1735	Gx	02 15.6
UGC	1807	Gx	02 21.1
UGC	1830	Gx	02 22.6
UGC	1832	Gx	02 22.6
UGC	1837	Gx	02 23.0
UGC	1840	Gx	02 23.1
UGC	1841	Gx	02 23.2
UGC	1855	Gx	02 24.5
UGC	1859	Gx	02 24.8
UGC	2031	Gx	02 33.4
UGC	2051	Gx	02 34.1
UGC	2083	Gx	02 36.4
UGC	2180	Gx	02 42 40.2
UGC	2259	Gx	02 47.9
UGC	2456	Gx	02 59.9
UGC	2470	Gx	03 01.0
UGC	2495	Gx	03 02.2
UGC	2500	Gx	03 02.8
UGC	2528	Gx	03 06.0
UGC	2559	Gx	03 09.3
UGC	2598	Gx	03 14.1
UGC	2665	Gx	03 16.2
UGC	2733	Gx	03 26.1
UGC	2771	Gx	03 31.4
UGC	2783	Gx	03 34.3
UGC	2784	Gx	03 34.3
UGC	279	Gx	00 28.3
UGC	2828	Gx	03 42.4
UGC	2836	Gx	03 48.3
UGC	3193	Gx	04 52.9
UGC	3206	Gx	04 55.9
UGC	3209	Gx	04 56.4
UGC	3214	Gx	04 58.0
UGC	3307	Gx	05 36.8

UGC	3326	Gx	05 39.6
UGC	3374	Gx	05 54.8
UGC	3403	Gx	06 10.6
UGC	3420	Gx	06 16.0
UGC	3431	Gx	06 19.4
UGC	3464	Gx	06 29.4
UGC	3471	Gx	06 31.6
UGC	3472	Gx	06 33.0
UGC	3536	Gx	06 46 03.73
UGC	3555	Gx	06 50.0
UGC	3642	Gx	07 04.4
UGC	3660	Gx	07 06.6
UGC	3665	Gx	07 08.0
UGC	3685	Gx	07 09.0
UGC	3697	Gx	07 11.4
UGC	3705	Gx	07 12.2
UGC	3714	Gx	07 12.6
UGC	3816	Gx	07 23.3
UGC	3824	Gx	07 22.9
UGC	3827	Gx	07 23.1
UGC	3828	Gx	07 24.6
UGC	3841	Gx	07 25.7
UGC	3849	Gx	07 26.7
UGC	3873	Gx	07 28.9
UGC	3894	Gx	07 33.2
UGC	3927	Gx	07 37.4
UGC	3928	Gx	07 37.7
UGC	3973	Gx	07 42.5
UGC	3993	Gx	07 55 44.188
UGC	4013	Gx	07 47.6
UGC	4041	Gx	07 52.6
UGC	4108	Gx	07 57.5
UGC	4122	Gx	07 59.0
UGC	4124	Gx	07 59.1
UGC	4128	Gx	08 00.2
UGC	4132	Gx	07 59.2
UGC	4214	Gx	08 06.6
UGC	4305	Gx	08 19.1
UGC	4323	Gx	08 20.3
UGC	4353	Gx	08 22.8
UGC	4393	Gx	08 26.1
UGC	4414	Gx	08 27.1
UGC	4427	Gx	08 29.3
UGC	4526	Gx	08 40.9
UGC	4551	Gx	08 44.1
UGC	4572	Gx	08 45.6
UGC	4699	Gx	08 58.8
UGC	4719	Gx	09 00.6
UGC	4749	Gx	09 04.5
UGC	4773	Gx	09 06.0
UGC	4778	Gx	09 07.2
UGC	4851	Gx	09 13.5
UGC	4879	Gx	09 16.1
UGC	4906	Gx	09 17.7
UGC	50	Gx	00 06.7
UGC	5023	Gx	09 26.0
UGC	5025	Gx	09 26.0
UGC	506	Gx	00 49.7

UGC	5139	Gx	09 40.4
UGC	5151	Gx	09 40.5
UGC	5173	Gx	09 41.5
UGC	5336	Gx	09 57.5
UGC	5364	Gx	09 59.3
UGC	5373	Gx	10 00.0
UGC	5408	Gx	10 03.8
UGC	5415	Gx	10 05.2
UGC	5459	Gx	10 04.8
UGC	5470	Gx	10 08.5
UGC	5588	Gx	10 20.9
UGC	567	Gx	00 55.3
UGC	579	Gx	00 56.3
UGC	583	Gx	00 56.5
UGC	5953	Gx	10 51.3
UGC	598	Gx	00 57.8
UGC	6	Gx	00 03.2
UGC	6071	Gx	11 00.1
UGC	6100	Gx	11 01.6
UGC	6103	Gx	11 02.0
UGC	6110	Gx	11 02.6
UGC	6117	Gx	11 03.1
UGC	6125	Gx	11 03.7
UGC	6135	Gx	11 04.6
UGC	6201	Gx	11 09.7
UGC	6204	Gx	11 09.9
UGC	6206	Gx	11 09.8
UGC	6207	Gx	11 09.9
UGC	6227	Gx	11 11.5
UGC	6253	Gx	11 13.5
UGC	6255	Gx	11 13.7
UGC	6312	Gx	11 18.0
UGC	6345	Gx	11 20.2
UGC	6347	Gx	11 20.3
UGC	6393	Gx	11 22.8
UGC	6394	Gx	11 22.9
UGC	6397	Gx	11 23.0
UGC	6476	Gx	11 28.5
UGC	6527	Gx	11 32.6
UGC	6538	Gx	11 33.3
UGC	654	Gx	01 03.9
UGC	6541	Gx	11 33.5
UGC	6575	Gx	11 36.4
UGC	6628	Gx	11 40.1
UGC	6631	Gx	11 40.2
UGC	6680	Gx	11 43.0
UGC	6697	Gx	11 43.9
UGC	6719	Gx	11 44.8
UGC	6725	Gx	11 45.1
UGC	6729	Gx	11 45.2
UGC	6732	Gx	11 45.5
UGC	6762	Gx	11 47.3
UGC	68	Gx	00 08.2
UGC	6846	Gx	11 52.6
UGC	692	Gx	01 07.6
UGC	6923	Gx	11 56.8
UGC	6983	Gx	11 59.2
UGC	7020	Gx	12 02.6
UGC	7049	Gx	12 04.1

Objekt-Übersicht

UGC	7089	Gx	12 06.0
UGC	714	Gx	01 09.3
UGC	7170	Gx	12 10.6
UGC	7190	Gx	12 11.5
UGC	7208	Gx	12 12.5
UGC	724	Gx	01 10.0
UGC	7257	Gx	12 15.0
UGC	7267	Gx	12 15.4
UGC	732	Gx	01 10.7
UGC	7321	Gx	12 17.6
UGC	7408	Gx	12 21.3
UGC	756	Gx	01 12.7
UGC	7593	Gx	12 28.2
UGC	7690	Gx	12 32.4
UGC	7905	Gx	12 43.8
UGC	8041	Gx	12 55.2
UGC	8058	Gx	12 56.2
UGC	8071	Gx	12 57.5
UGC	8080	Gx	12 58.0
UGC	8122	Gx	13 00.8
UGC	8146	Gx	13 02.1
UGC	8320	Gx	13 14.4
UGC	842	Gx	01 18.9
UGC	845	Gx	01 19.2
UGC	8671	Gx	13 41.4
UGC	8681	Gx	13 42.6
UGC	8685	Gx	13 43.2
UGC	8693	Gx	13 44.5
UGC	8696	Gx	13 44.6
UGC	8698	Gx	13 45.2
UGC	8788	Gx	13 52.6
UGC	8850	Gx	13 56.0
UGC	8876	Gx	13 57.0
UGC	892	Gx	01 21.3
UGC	9144	Gx	14 17.0
UGC	921	Gx	01 22.8
UGC	9242	Gx	14 25.3
UGC	928	Gx	01 23.2
UGC	9284	Gx	14 28.4
UGC	929	Gx	01 23.2
UGC	950	Gx	01 24.3
UGC	9560	Gx	14 50.9
UGC	9562	Gx	14 51.2
UGC	959	Gx	01 24.7
UGC	9737	Gx	15 07.8
UGC	974	Gx	01 24.8
UGC	9749	Gx	15 09 11.34
UGC	9757	Gx	15 11.6
UGC	984	Gx	01 25.2
UGC	987	Gx	01 25.5
UGC	9934	Gx	15 36.0
UGC	996	Gx	01 25.5
UGCA	320	Gx	13 03.3
Up	1	OC	12 35.0
vdB	1	Nb	00 11.0
vdB	123	Nb	18 30.5
vdB	130	OC	20 17.7
vdB	131	Nb	20 24.3
vdB	132	Nb	20 24.5

vdB	133	Nb	20 31.0
vdB	14	Nb	03 29.2
vdB	140	Nb	21 17.3
vdB	141	Nb	21 16.5
vdB	142	Nb	21 36.7
vdB	143	Nb	21 36.9
vdB	145	Nb	21 43.7
vdB	148	Nb	22 09.1
vdB	152	Nb	22 13.4
vdB	155	Nb	22 53.3
vdB	16	Nb	03 28.3
vdB	2	Nb	00 13.3
vdB	20	Nb	03 44.9
vdB	23	Nb	03 47.0
vdB	29	Nb	04 48.4
vdB	31	Nb	04 55.8
vdB	37	Nb	05 18.3
vdB	38	Nb	05 21.6
vdB	48	Nb	05 38.1
vdB	54	Nb	05 41.9
vdB	56	Nb	05 43.7
vdB	62	Nb	05 53.6
vdB	64	Nb	05 57.9
vdB	65	Nb	06 04.5
vdB	68	Nb	06 08.1
vdB	69	Nb	06 08.1
vdB	8	Nb	02 51.6
vdB	87	Nb	07 00.5
vdB	92	Nb	07 03.9
vdB	93	Nb	07 04.3
vdB	96	Nb	07 19.6
vdB	97	Nb	07 32.6
vdBHa	47	OC	08 42.6
WDS	00013	DS	00 01.3
WDS	00042	DS	00 04.2
WDS	06400	DS	06 40.0
WDS	07022	DS	07 02.2
WDS	07022	DS	07 02.2
WDS	08391	DS	08 39.1
WDS	08419	DS	08 41.9
WDS	10481	DS	10 48.1
WDS	14083	DS	14 08.3
WDS	14415	DS	14 41.5
WDS	18028	DS	18 02.8
WDS	18426	DS	18 42.6
WDS	18433	DS	18 43.3
WDS	18457	DS	18 45.7
WDS	18570	DS	18 57.0
WDS	19203	DS	19 20.3
WDS	19255	DS	19 25.5
WDS	19449	DS	19 44.9
WDS	19463	DS	19 46.3
WDS	19479	DS	19 47.9
WDS	20084	DS	20 08.4
WDS	20113	DS	20 11.3
WDS	20133	DS	20 13.3
WDS	20238	DS	20 23.8
WDS	23259	DS	23 25.9

Doppelsterne

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
WDS	**00013**		00 01.3	+56 04	Cas	16.4	10.7	11.4	338	35
		S	200 HM	95x 1	ws ws					
+5604										
ADS	**17175**	AC	00 02.0	+27 06	Peg	75.5	5.9	8.6	330	89
		S	200 HM	47x 1						
85Peg										
ADS	**1**	AB	00 02.6	+66 05	Cas	15.2	6.0	7.5	70	15
Σ	3053	R	75 AT	25x 1	ge ws	N	200 GK	119 1	ge bl	
		N	317 TJ	89x 1	or bl					
ADS	**1**	AC	00 02.6	+66 05	Cas	98.5	6.0	10.8	290	15
Σ	3053	N	200 GK	119 1	ge ws					
WDS	**00042**		00 04.2	+27 01	Peg	13.4	9.5	11.0	160	125
		S	200 HM	95x 1	ws ws					
+2701										
			00 06.3	+58 26	Cas	1	6.4	7.2	259	35
Σ	3062	M	228 GI	221 1	ws ws					
		AB	00 13.1	+15 11	Peg	163.4	2.9	11.8	286	170
		S	200 HM	222 3						
Γ	88Peg									
ADS	**191**		00 15.0	+08 49	Psc	11.6	6.0	7.6	148	170
Σ	12	R	60 DK	39x 1	ws ws	R	75 AT	50x 1	ws ws	
		B	100 JM	25x 1	ws ws	M	228 GI	78x 1	ge ws	
35Psc										
ADS	**220**		00 16.7	+36 37	And	2.3	7.1	9.6	139	89
Σ	19	N	254 JM	50x 1	ws ws					
ADS	**246**		00 18.0	+44 00	And	36.5	8.1	11.5	232	59
		N	200 GK	44x 1	rt rt					
ADS	**303**		00 22.4	+13 29	Psc	28.8	6.4	10.3	324	171
Σ	2745	R	80 GK	50x 1	ge bl	N	200 GK	33x 1	ws bl	
ADS	**449**		00 32.4	+06 57	Psc	27.5	5.7	9.7	83	171
Σ	36	M	228 GI	148 1	ws rt					
51Psc										
ADS	**486**	AB	00 35.2	+36 50	And	11.7	7.0	9.0	312	90
Σ	40	N	200 GK	170 1	ge ge					
ADS	**513**	AB	00 36.8	+33 43	And	35.9	4.4	8.9	173	90
		N	200 GK	44x 1	ws bl	M	228 GI	78x 1	ws ws	
π	29And									
ADS	**558**		00 40.0	+21 26	Psc	6.6	5.7	8.4	194	126
		M	228 GI	78x 1	or bl					
55Psc										

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
H	**18**		00 40.5	+56 32	Cas	64.4	2.5	8.5	280	36
		N	200 GK	44x 1	ws bl					
18Cas										
ADS	**671**		00 49.1	+57 49	Cas	12	3.5	7.5	315	36
Σ	60	R	60 PA	42x 1	ws ge	R	60 DK	39x 1	ge rt	
		R	75 AT	50x 1	ge or	R	90 GI	59x 1	ge rt	
		N	114 DK	83x 1	ge rt	R	120 CF	47x 1	or rt	
		S	200 HM	95x 1	ws ge	N	200 GK	57x 1	ws rt	
		M	228 GI	78x 1	ws rt	N	254 JM	98x 1	ws ge	
		N	317 TJ	89x 1	gn rt					
η	24Cas									
ADS	**683**		00 49.9	+27 42	Psc	4.6	6.3	6.3	296	90
Σ	61	M	228 GI	182 1	ws ws	M	228 GI	124 1	h ws ws	
65Psc										
ADS	**755**		00 54.9	+23 37	And	0.6	6.1	6.7	265	127
Σ	73	M	127 JM	115 1	h	R	152 CN	196 1	ge or	
36And										
ADS	**748**	AB	00 55.0	+58 58	Cas	14.3	5.0	12.5	70	36
		S	200 HM	222 1	ge					
Ψ	Cas1									
ADS	**875**	AB	01 03.8	+01 22	Cet	16	6.2	8.6	254	217
Σ	84	M	228 GI	78x 1	ge bl					
26Cet										
ADS	**899**	AB	01 05.6	+21 28	Psc	30	5.6	5.8	159	127
Σ	88	B	60 DK	20x 1 h	ws ws	M	127 JM	38x 1	ge bl	
		M	228 GI	78x 1 h	ws ws	N	317 TJ	53x 1	h bl bl	
ψ	Psc									
ADS	**996**		01 13.7	+07 35	Psc	23.6	5.6	6.5	63	172
Σ	100	R	60 DK	39x 1	ws ws	M	228 GI	78x 1	ws ws	
ζ	Psc									
ADS	**1003**		01 14.4	-07 56	Cet	49.7	5.2	8.7	331	262
Σ	3	M	228 GI	78x 1	ge ge					
37Cet										
ADS	**1073**	AC	01 20.1	+58 13	Cas	48	5.2	12.3	208	36
		R	60 PA	14x 1 u	ws bl	R	60 DK	39x 1 u	ws ws	
		B	60 DK	20x 1 u	ws ws	N	114 DK	83x 1 u	ws ws	
		N	200 GK	25x 1	ws ws					
φ	34Cas									
ADS	**1134**	AC	01 25.6	+31 33	Psc	56.8	8.2	8.1	105	91
OΣ	30	B	100 JM	25x 1 h	ws ws					
ADS	**1129**		01 25.9	+68 07	Cas	22.8	5.0	10.0	118	16
		M	228 GI	124 1	ge rt					
ψ	36Cas									
			01 49.6	-10 41	Cet	183.8	4.8	6.8	250	263
		R	152 CN	110 1	ws ws	M	228 GI	78x 1	ge ge	
χ	Cet									

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
			01 50.0	+27 06	Tri	17.8	10.2		194	128
Σ	172	N 200 GK 91x 1 h ws ws								
ADS	1457		01 50.1	+22 17	Ari	2.8	6.2	7.4	166	128
Σ	174	R 75 AT 100 1 ge ws				R 80 MC 120 1 ge ws				
		N 114 DK 167 1 ge ws				M 228 GI 182 2				
		M 228 GI 182 1 ge bl								
	1Ari									
ADS	1507		01 53.5	+19 18	Ari	7.8	4.7	4.8	360	127
Σ	180	R 60 DK 39x 1 ws ws				R 63 KV 120 1 ws ws				
		R 75 AT 50x 1 h ws ws				N 105 JM 63x 1 ws ws				
		N 114 DK 83x 1 ws ws				M 228 GI 182 1 h ws ws				
		N 254 JM 40x 1 ws ws				N 254 JM 181 1 h ws ws				
	γ Ari									
ADS	1534		01 56.2	+37 15	And	199	5.7	6.1	297	92
Σ	4	R 60 PA 14x 1 hu ge ge				B 100 JM 25x 1 ws ws				
		R 102 DS 33x 1 hu				S 200 HM 48x 1 ge ge				
		N 200 GK 33x 1 h ws or								
	56And									
			01 57.1	+18 58	Ari	8.9	10.1	11.2	268	129
Σ	189	N 254 JM 181 1 ws ws								
ADS	1563		01 58.0	+23 35	Ari	38.5	4.9	7.7	47	129
		B 100 JM 25x 1 ws bl				M 127 JM 50x 1 ws bl				
		M 127 JM 38x 1 bl rt				M 127 JM 50x 1				
		M 228 GI 78x 1 bl rt								
	λ 9Ari									
ADS	1615		02 02.0	+02 46	Psc	1.8	4.2	5.1	270	219
Σ	202	N 114 DK 182 1 ws ws				M 228 GI 326 1 ws ws				
	α 113Psc									
ADS	1630	AB	02 03.9	+42 20	And	9.6	2.2	4.8	63	62
Σ	205	R 60 PA 42x 1 ge bl				R 60 DK 39x 1 or bl				
		R 70 UN 77x 1 ws bl				R 75 AT 50x 1 or bl				
		R 102 DS 50x 1 or				N 114 GG 100 2 or bl				
		N 114 DK 83x 1 or bl				N 200 GK 57x 1 ws bl				
		S 200 HM 48x 1 ge ge				N 200 GK 170 1 ge bl				
		S 203 PK 60x 1 ws or				M 228 GI 182 1 ge bl				
		S 250 FB 167 1 ge bl				N 254 JM 40x 1 ws bl				
		N 300 UN 160 1 ws bl				N 317 TJ 100 1 or bl				
	γ 57And									
		AB	02 09.4	+25 56	Ari	93.2	5.1	8.7	36	129
		B 100 JM 25x 1 ws ws								
	14Ari									
ADS	1683		02 10.9	+39 02	And	16.7	6.0	6.7	36	92
Σ	222	R 60 PA 28x 1 bl bl				B 100 JM 25x 1 ws or				
		R 102 DS 33x 1				S 200 HM 48x 1 ws ws				
		N 200 GK 57x 1 h bl bl				M 228 GI 78x 1 h ws ws				
	59And									
ADS	1697		02 12.4	+30 18	Tri	3.9	5.3	6.9	71	92
Σ	227	R 102 DS 100 1				N 114 DK 111 1 ge ws				
		N 200 GK 119 1 ws bl				M 228 GI 182 1 ge bl				
		N 254 JM 181 1								
	ι 6Tri									

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	1703	AB	02 12.8	-02 23	Cet	16.5	5.8	7.6	234	219
Σ	231	M 228 GI 78x 1 ge bl								
	66Cet									
ADS	1860	AC	02 29.0	+67 23	Cas	7.3	4.6	8.5	115	17
Σ	262	R 75 AT 50x 1 ws ws				N 114 DK 83x 1 ws ws				
		N 127 PA 150 1 ws bl				N 200 GK 91x 1 ws rt				
		N 254 JM 181 1								
	ι Cas									
ADS	1860	AB	02 29.1	+67 24	Cas	2.6	4.7	7.6	237	17
Σ	262	R 75 AT 100 1 ws ws				N 127 PA 150 1 ws ge				
		S 200 DK 217 1 u ws ws				M 228 GI 182 1 ws ws				
	ι Cas									
ADS	1477	AB	02 31.8	+89 06	UMi	18.4	2.1	9.1	216	1
Σ	93	R 60 PA 84x 1 ws bl				S 200 HM 95x 1 ge ws				
		S 203 DS 68x 1				M 228 GI 182 1 ws ws				
		N 254 JM 42x 1 ws ws								
	α 1UMi									
	Polaris									
ADS	1937		02 33.5	+57 32	Per	23.4	8.2	8.8	19	38
		N 200 GK 57x 1 ws bl								
			02 35.8	+34 42	Tri	143	5.4	6.8	17	93
		R 60 PA 14x 1 or bl				B 100 HM 25x 1 ge ws				
		N 200 GK 33x 1 or bl								
	15Tri									
ADS	1982		02 37.0	+24 39	Ari	38.3	6.6	7.4	275	130
Σ	5	M 127 JM 50x 1 ws ws				M 228 GI 78x 1 ws ge				
	30Ari									
			02 39.0	+62 35	Cas	67.8	6.8	7.5	147	17
OΣ	28	B 100 JM 25x 1 ws ws								
ADS	2151	AB	02 49.3	+17 28	Ari	3.2	5.3	8.8	118	130
Σ	311	M 228 GI 182 1 bl rt								
	π 42Ari									
ADS	2157		02 50.6	+55 54	Per	28.3	3.8	8.5	301	38
Σ	307	R 60 DK 39x 1 or ws				R 90 TJ 56x 1 ge ws				
		S 200 DK 148 1 ge bl				M 228 GI 182 1 or bl				
	η Per									
ADS	2185		02 52.9	+53 00	Per	1.6	6.5	6.7	311	38
Σ	314	R 63 KV 120 1 ws ws								
ADS	2257	AB	02 59.2	+21 20	Ari	1.5	5.2	5.5	207	131
Σ	333	R 80 MC 240 2 ge ge				N 112 CF 237 1 ws ws				
		S 200 DK 325 1 h ws ws				M 228 GI 182 1 h ws ws				
		N 254 JM 254 1 h ws ws								
	ε 48Ari									
HJ	2167		03 01.1	+44 53	Per	37.7	9.2		34	63
		N 200 GK 57x 1 ws ws								

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	2286		03 01.5	+32 25	Per	8.4	6.9	8.4	8	94
Σ 336	N 317 TJ 89x 1 ge gn									
ALI	516		03 31.1	+37 23	Per	13.1	10.4		240	94
	N 200 GK 57x 1 u ws ws									
ADS	2650	Ax	03 40.0	*63 52	Cam	46.1	6.8	8.6	69	18
OΣ 36	B 100 JM 25x 1 ws ws									
ADS	2755	CD	03 46.2	+24 11	Tau	18.1	8.1	12.1	8	132
	S 200 HM 48x 1									
BU536										
ADS	2778		03 48.3	+11 08	Tau	9.2	5.0	10.1	59	177
Σ 452	M 228 GI 78x 1 bl rt									
30Tau										
ADS	2783		03 49.4	+52 39	Per	12.1	6.8	12.0	39	39
	N 200 GK 91x 1 ws ws									
ADS	2843	AB	03 54.1	+31 52	Per	12.8	2.9	9.5	208	95
Σ 464	N 112 CF 90x 1 ge ws									
ζ Per										
ADS	2850	AB	03 54.3	-02 57	Eri	6.8	5.0	6.3	347	222
Σ 470	M 228 GI 124 1 ws bl									
32Eri										
ADS	2851		03 57.1	+69 30	Cam	96.3	8.0	12.4	211	18
Σ 455	R 80 GK 50x 1 ws ws									
ADS	2888	AB	03 57.8	+40 01	Per	8.8	3.0	8.2	10	64
Σ 471	R 60 PA 114 1 bl ws									
	N 114 DK 83x 1 ws ws					R 102 DS 50x 1				
						M 228 GI 182 1			bl ge	
ε 45Per										
ADS	2984		04 07.8	+62 20	Cam	89.9	7.0	10.4	71	18
Σ 485	N 200 GK 57x 1 ws ws									
			04 11.3	+05 31	Tau	124.1	5.7	9.8	42	178
	S 200 HM 47x 1									
45Tau										
ADS	3093	BC	04 15.2	-07 39	Eri	8.9	9.5	11.2	338	268
Σ 518	M 228 GI 124 1 ge bl					N 317 TJ 230 1			ws rt	
o 40Eri										
ADS	3093	AB	04 15.2	-07 39	Eri	83.4	4.4	9.4	104	268
Σ 518	N 317 TJ 230 1 ws ws									
o 40Eri										
ADS	3085	AC	04 15.5	+06 11	Tau	214.5	6.5	10.2	47	178
	S 200 HM 47x 1 ws ws									

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	3085	AB	04 15.5	+06 11	Tau	64.7	6.5	7.2	315	178
	S 200 HM 47x 1 ws ws									
ADS	3137		04 20.4	+27 21	Tau	49.6	5.1	8.5	254	95
	M 228 GI 124 1 ge bl									
φ 52Tau										
ADS	3161		04 22.6	+25 38	Tau	19.5	5.5	7.6	25	133
Σ 528	N 200 GK 44x 1 ws ws									
Ξ 59Tau										
			04 28.6	+15 52	Tau	337	3.6	4.0	346	178
Σ 10	A HM 1x 1					A 8 CF 1x 1			ws ws	
	B 50 CF 10x 1 ge ge									
θ Tau										
ADS	3274	AB	04 32.0	+53 55	Cam	10.3	5.7	6.8	308	40
Σ 550	R 60 PA 42x 1 bl bl									
1Cam										
			04 33.4	+43 03	Per	116	6.1	6.8	198	65
	B 50 JM 10x 1 ws ws					R 60 PA 14x 1			ws ws	
57Per										
ADS	3317		04 35.7	+10 09	Tau	69.7	4.4	8.5	299	179
	R 80 GK 50x 1 ws bl									
88Tau										
			04 39.2	+15 55	Tau	434	4.8	5.2	193	179
Σ 11	B 50 CF 10x 1 ge ge									
σ Tau										
			04 49.8	+06 57	Ori	94.6	3.3	8.8	138	179
	S 200 HM 95x 1 ws									
Π 1Ori										
Pl Ori 3										
			04 54.9	+10 08	Ori	171.6	4.7	8.9	248	179
	S 200 HM 48x 1									
Π 7Ori										
Pl Ori 1										
ADS	3572		04 59.3	+37 54	Aur	4.6	5.1	8.0	2	97
Σ 616	R 102 AV 100 1					N 114 DK 167 1			ws ws	
	N 153 TR 216 1					M 228 GI 124 1			bl rt	
ω Aur										
		AB	05 06.0	+58 58	Cam	179.8	5.3	6.4	8	40
Σ 13	B 100 JM 25x 1 ws ws									
11Cam										
			05 07.7	+09 28	Ori	124	6.3	10.1	264	179
	S 200 HM 95x 1									
13Ori										
ADS	3778		05 12.3	-11 51	Lep	12.7	4.5	10.8	337	270
Σ 655	S 200 HM 95x 1									
I 3Lep										
ADS	3800		05 13.2	-12 56	Lep	2.3	4.5	7.4	357	270
Σ 661	S 200 HM 95x 2 ws									
K 4Lep										

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	3797	AB	05 13.3	+02 52	Ori	7	4.5	8.3	64	225
Σ 654	R 60 PA 80x 1 ge bl	N 317 TJ 89x 1 ge ws								
ρ 17Ori										
ADS	3823	AB	05 14.3	-08 12	Ori	9.5	0.36	10.4	205	270
Σ 668	R 60 PA 80x 1 ws ws	N 114 DK 83x 1 ws ws								
	R 120 CF 80x 1 ws ws	M 150 PI 150 1 ws								
	S 200 HM 95x 1 ws	M 228 GI 182 1 ws bl								
	N 254 JM 254 1 ws ws	N 254 JM 181 1 ws ge								
	N 300 UN 112 1 bl ge	N 317 TJ 230 1 ws ws								
β 19Ori										
Rigel										
ADS	3824	AC	05 15.4	+32 40	Aur	14.6	5.2	7.4	225	97
Σ 653	R 60 PA 40x 1 u ws bl	R 102 DS 50x 1								
	M 127 JM 37x 1 ws bl									
14Aur										
			05 21.7	-00 39	Ori	241.9	4.7	5.7		225
	B 32 HM 8x 1									
22Ori										
ADS	3962		05 22.9	+03 32	Ori	31.9	5.0	7.1	29	225
Σ 696	R 60 PA 28x 1 ws bl	B 100 JM 25x 1 ws ws								
	R 102 DS 33x 1	S 250 FB 96x 1 ws bl								
23Ori										
ADS	4002		05 24.4	-02 24	Ori	1.5	3.8	4.8	77	225
	R 60 PA 114 3	R 75 AT 100 3								
	N 114 DK 225 3	R 120 CF 210 1 ws ws								
	M 228 GI 258 1 ws ws	N 254 JM 181 1 ws ws								
	N 317 TJ 182 2 h ws ws									
η Ori										
ADS	4000		05 25.2	+34 51	Aur	31.2	6.5	8.6	346	97
Σ 698	M 127 JM 37x 1 ge bl	S 200 AM 50x 1 ge bl								
ADS	4066	AB	05 28.3	-20 45	Lep	2.3	3.0	7.5	346	315
	S 200 HM 95x 1 or ge									
B Lep										
BU320										
SEI	283		05 28.6	+35 15	Aur	11.3	9.0	11.0	148	97
	N 200 GK 91x 1 h ws ws									
ADS	4068	AB	05 29.3	+25 08	Tau	4.8	5.8	6.6	206	135
Σ 716	R 102 DS 50x 2	R 102 DS 100 1								
	R 150 DS 80x 1 ws ws	N 200 GK 65x 1 ws ws								
	M 228 GI 124 1 bl bl	N 254 JM 141 1 ws ws								
118Tau										
ADS	4134		05 32.0	-00 18	Ori	52.5	2.2	6.8	1	225
Σ 14	B 50 CF 10x 1 ge ws	B 50 AM 10x 1								
	R 60 DK 39x 1 ws bl	R 60 PA 14x 1 ws bl								
	R 75 AT 14x 1 ws ws	R 90 GI 59x 1 ws bl								
	R 102 DS 33x 1	N 114 GG 100 1 ws bl								
	M 127 JM 50x 1 ws bl	M 150 PI 50x 1 bl ws								
	M 228 GI 124 1 ws bl	N 300 UN 112 1 ws bl								
δ Ori										
Mintaka										

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	4182		05 35.0	-06 01	Ori	36.2	4.7	5.6	223	225
Σ 747	B 50 CF 10x 1 ws ws	B 100 JM 25x 1 ws ws								
	S 250 FB 63x 1 ws ws									
ADS	4179	AC	05 35.1	+09 56	Ori	28.6	3.7	11.2	184	180
Σ 738	S 200 HM 95x 1									
Λ Ori										
ADS	4179	AD	05 35.1	+09 56	Ori	78.3	3.7	11.2	271	180
Σ 738	S 200 HM 95x 1									
Λ Ori										
ADS	4179	AB	05 35.1	+09 56	Ori	4.4	3.7	5.6	43	181
Σ 738	R 45 CF 80x 1 ge ws	R 60 PA 80x 1 ws ws								
	R 75 AT 100 1 ws ws	R 102 DS 100 1								
	N 112 CF 237 1 ws ws	N 114 DK 111 1 ws ws								
	M 150 PI 150 1 bl	N 153 TR 216 1								
	S 200 HM 95x 1	M 228 GI 124 1 u bl bl								
	S 250 FB 96x 1 ws bl	N 300 UN 112 1 bl ge								
λ Ori										
ADS	4186	AE	05 35.3	-05 23	Ori	4.1	6.8	11.1	351	225
Σ 748	N 318 DS 102 1									
θ Ori1										
ADS	4186	AB	05 35.3	-05 23	Ori	8.8	6.8	7.9	32	225
Σ 748	R 102 DS 33x 1	M 127 JM 214 1 ws ws								
θ Ori1										
ADS	4193		05 35.4	-05 55	Ori	11.4	2.9	7.0	141	225
Σ 752	R 60 PA 40x 1 u ws bl	S 200 HM 95x 1 ws								
	M 228 GI 78x 1 u ws ge									
ι Ori										
ADS	4188		05 35.4	-05 25	Ori	52	5.2	6.5	92	226
Σ 16	B 50 CF 10x 1 ws ws	R 60 PA 14x 1 ws ws								
	N 114 DK 56x 1 u ws bl	M 228 GI 119 1 ws ws								
	S 250 FB 96x 1 ws ws									
θ Ori2										
ADS	4192		05 35.6	-04 22	Ori	4.2	6.5	8.5	60	225
Σ 750	R 120 CF 167 1 u ws ws									
			05 36.4	+22 00	Tau	4.1	7.2	7.8	248	135
Σ 742	N 254 JM 181 1 ge ge									
ADS	4241	AB	05 38.6	-02 36	Ori	0.2	4.0	6.0	199	226
	R 102 DS 33x 1	N 114 GG 200 2								
	M 127 JM 50x 1	S 200 HM 48x 1								
	N 300 UN 112 1 ws ws									
σ Ori										
ADS	4229		05 38.6	+30 30	Aur	12.4	5.5	8.0	267	97
Σ 753	R 102 DS 50x 1	M 127 JM 167 1 ge bl								
	M 228 GI 124 1 bl bl									
26Aur										
ADS	4241	XC	05 38.7	-02 35	Ori	30.1	4.0	8.0	231	225
Σ 762	S 200 HM 48x 1 ws ws									
Σ Ori										

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	4241	AD	05 38.7	-02 36	Ori	13	4.0	7.5	84	226
		R 60 PA 40x 1 ws ws				R 102 DS 33x 1				
		N 114 DK 56x 1 ws ws				S 200 HM 48x 1				
σ Ori										
ADS	4254	AF	05 39.3	-17 50	Lep	128.8	6.4	8.1	299	270
		B 100 JM 25x 1 ws ws								
HJ3780										
ADS	4254	AE	05 39.3	-17 50	Lep	76.1	6.2	8.4	7	270
		B 100 JM 25x 1 ws ws								
HJ3780										
ADS	4263	AB	05 40.7	-01 56	Ori	2.6	2.0	4.2	162	226
Σ 774		R 102 DS 167 3								
ζ Ori										
		AB	05 42.7	-00 01	Ori	42.3	8.3	8.6	307	226
Σ 782		B 100 JM 25x 1 ws ws								
ADS	4334	AB	05 44.5	-22 27	Lep	96.3	3.7	6.3	350	316
		B 50 GG 15x 3				B 50 DK 7x 1			ws ws	
		R 60 PA 14x 1 ge ge				R 102 DS 33x 1			bl ge	
		N 114 DK 25x 1 ws or				S 200 HM 95x 1			ge rt	
γ Lep										
ADS	4390		05 48.0	+06 27	Ori	1.3	6.1	6.1	214	181
Σ 795		R 100 CF 250 2 or or				R 120 CF 210 1			or or	
52Ori										
ADS	4566	AB	05 59.7	+37 12	Aur	3.5	2.7	7.2	314	98
OΣ 545		M 228 GI 182 1 ws ge								
θ Aur										
			06 08.3	+14 00	Ori	23.6	8.8	9.9	7	181
Σ 844		B 100 JM 25x 1 ws ws								
ADS	4773		06 11.7	+48 43	Aur	7.8	6.1	6.8	356	67
Σ 845		R 45 CF 80x 1 ws ws				R 60 TR 72x 1				
		R 60 PA 40x 1 ge bl				R 102 DS 100 1				
		N 114 DK 83x 1 ws ws				R 120 CF 80x 1			ws ws	
		M 127 JM 50x 1 ws ws				N 153 TR 52x 1				
		M 228 GI 124 1 bl bl								
41Aur										
ADS	4890	AP	06 17.1	+09 56	Ori	114.6	5.4	8.4	159	182
		B 100 JM 25x 1 ws ws								
			06 20.3	-30 04	Cma	176	3.0	7.7		360
		R 60 PA 14x 1 ws bl								
ζ 1CMa										
Phurud										
		AB	06 20.6	+25 12	Gem	58	7.2	9.4	264	137
OΣ 74		B 100 JM 25x 1 ws ws								

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	5012		06 23.8	+04 36	Mon	13	4.5	6.5	27	227
Σ 900		R 60 PA 40x 1 ws ge				M 228 GI 78x 1			bl ws	
		N 317 TJ 215 1 ws rt								
ε Mon										
ADS	5036	AC	06 26.8	+58 25	Lyn	96	5.2	7.9	272	41
		B 100 JM 25x 1 ge bl				N 114 DK 56x 1			ge ge	
		S 250 FB 63x 1 ge ws								
5Lyn										
ADS	5080	AB	06 27.8	+20 47	Gem	27.1	6.6	8.0	204	137
		R 60 TR 150 1				R 60 JL 35x 3				
		N 114 DK 56x 1 or ge				N 153 TR 52x 1				
15Gem										
ADS	5107	BC	06 28.8	-07 01	Mon	2.9	5.7	6.2	106	272
Σ 919		R 60 PA 114 1 h ws ge				N 114 DK 182 1 hu ws ws				
		R 120 CF 210 1 ge ge				M 228 GI 182 1 h bl bl				
β Mon										
ADS	5107	AB	06 28.9	-07 03	Mon	7.3	4.7	5.2	132	272
Σ 919		R 60 PA 114 1 h ge ge				N 114 DK 182 1 u ws ws				
		R 120 CF 210 1 ge ge				M 127 JM 50x 1 ws bl				
		M 228 GI 182 1 h bl bl								
β Mon										
ADS	5103		06 28.9	+20 13	Gem	112.5	4.1	8.6	329	137
		S 200 HM 95x 1								
N 18Gem										
ADS	5166		06 32.4	+17 47	Gem	20	7.1	8.0	210	137
Σ 924		R 60 TR 36x 1				R 60 JL 58x 1			ws ws	
		N 153 TR 52x 1								
20Gem										
ADS	5188	AB	06 34.3	+38 05	Aur	42.2	6.6	10.0	73	99
Σ 147		N 317 TJ 177 1 ge bl								
		AB	06 37.7	+16 23	Gem	135.5	1.9	11.2	295	137
		S 200 HM 48x 1 ws ws								
Γ 24Gem										
Alhena										
GSC	293273		06 38.0	+40 21	Aur	63.4	7.63	9.59	76	67
		B 100 JM 25x 1 ws ws								
WDS	06400		06 40.0	+16 22	Gem	3.9	9.4	10.3	64	182
		S 200 HM 95x 1 ws ws								
+1622										
			06 41.4	+28 12	Gem	30.7	6.5	11.7	46	99
		S 200 HM 48x 1 ws								
25Gem										
ADS	5381		06 44.0	+25 08	Gem	110.3	3.2	9.2	94	137
		S 200 HM 95x 1 ge ws								
E 27Gem										
Mebsuta										
ADS	5368		06 44.8	+59 27	Lyn	4.2	8.3	10.1	130	42
Σ 946		N 200 JL 162 1 ws ws				S 250 FB 202 1			ws ws	

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	5400	AD	06 46.2	+59 27	Lyn	173	4.9	10.6	256	42
Σ 948	N 114 DK 56x 1 ws ws					S 250 FB 63x 1 ws ws				
12Lyn										
ADS	5400	AC	06 46.2	+59 27	Lyn	8.7	5.4	7.6	308	42
Σ 948	N 114 DK 83x 1 ws ws					N 127 PA 200 1 ws ws				
	N 200 JL 162 1 ws ws					S 250 FB 96x 1 ws ws				
	N 317 TJ 230 1 ws ws									
12Lyn										
ADS	5400	AB	06 46.2	+59 27	Lyn	1.8	5.4	5.9	76	42
Σ 948	N 114 DK 225 2 hu ws ws					N 127 PA 200 1 ws ws				
	N 200 JL 162 1 h ws ws					S 250 FB 258 2 ws ws				
	N 317 TJ 230 1 h ws ws									
12Lyn										
ADS	5436		06 48.2	+55 42	Lyn	4.8	6.3	6.3	257	42
Σ 958	N 50 JL 162 1 h ws ws					N 200 JL 162 1 h ws ws				
	S 250 FB 96x 1 ws ws					N 317 TJ 182 1 h ws ws				
ADS	5462		06 49.6	+53 02	Lyn	21.9	8.0	9.9	67	42
Σ 960	N 200 JL 92x 1 ws ws									
			06 49.9	+16 13	Gem	27.5	5.7	13.0	45	138
	S 200 HM 48x 1									
33Gem										
ADS	5517	AB	06 52.9	+52 41	Lyn	20.7	8.6	9.6	288	42
Σ 968	N 200 JL 92x 1 ws ws									
ADS	5559	AB	06 54.6	+13 10	Gem	7.1	4.8	7.1	147	183
Σ 982	R 60 TR 150 1					R 60 JL 58x 1			ws ws	
	R 60 PA 80x 1 ws ws					R 102 DS 100 1 ge rt				
	M 127 JM 214 1 ge bl					N 153 TR 216 1 ws				
	S 200 HM 95x 1					M 228 GI 124 1 bl rt				
38Gem										
ADS	5605		06 56.1	-14 03	CMa	3	5.2	8.5	340	273
Σ 997	R 60 PA 114 1 ws ge					N 317 TJ 230 1 or gn				
μ CMa										
ADS	5586	AB	06 57.3	+58 25	Lyn	0.1	4.8	5.9	66	42
	N 200 KV 240 3					M 228 GI 182 3				
	N 317 TJ 230 3									
15Lyn										
WDS	07022	AC	07 02.2	+20 28	Gem	49.0	11.0	11.2	332	138
	S 200 HM 95x 1									
+2028										
WDS	07022	AB	07 02.2	+20 28	Gem	17.2	11.0	11.8	25	138
	S 200 HM 95x 1									
+2028										
ADS	5742		07 04.1	+20 34	Gem	27.2	8.6	12.9	166	138
	S 200 HM 95x 1 ge									
Z Gem										

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
			07 04.1	+20 34	Gem	101	4.0	7.6	346	138
	R 60 PA 11x 1 ws bl					B 100 JM 25x 1 ws ws				
ζ 43Gem										
ADS	5746		07 05.7	+52 45	Lyn	4.1	6.9	7.0	150	42
Σ 1009	R 50 JL 92x 1 h ws ws					M 127 JM 115 1 ws ws				
	N 200 JL 92x 1 h ws ws					S 250 FB 96x 1 ws ws				
	N 317 TJ 230 1 h ws ws									
HIP	34687		07 11.0	+49 54	Lyn	46.3	8.16	9.49	127	68
	B 100 JM 25x 1 ws ws									
ADS	5871		07 12.8	+27 14	Gem	14.1	6.4	12.3	84	139
Σ 1037	M 150 PI 250 2 h									
ADS	5854	AB	07 12.9	+55 49	Lyn	26	8.3	8.6	130	42
Σ 1025	R 50 JL 92x 1 ws ws					N 200 JL 92x 1 ws ws				
	S 250 FB 63x 1 ws ws					N 317 TJ 53x 1 h ws ws				
ADS	5896	AB	07 14.8	+52 33	Lyn	1.5	7.7	8.3	279	42
Σ 1033	N 200 JL 162 1 ws ws					S 250 FB 258 2 ws ws				
	N 317 TJ 230 2 ws ws									
ADS	5951		07 16.6	-23 18	CMa	26.8	4.8	6.8	182	319
	R 60 PA 14x 1 ws bl					N 112 CF 36x 1 or bl				
	M 127 JM 50x 1 ge bl					N 317 TJ 89x 1 or bl				
145CMa										
ADS	5968		07 19.9	+54 55	Lyn	19.3	8.1	8.8	20	42
Σ 1050	R 50 JL 92x 1 ws ws					N 200 JL 92x 1 ws ws				
ADS	5983		07 20.2	+21 59	Gem	6	3.5	8.5	223	139
Σ 1066	N 153 TR 216 1					S 200 HM 95x 1 ge ge				
	M 228 GI 182 1 ws ge					N 317 TJ 230 1 ge rt				
δ 55Gem										
ADS	6004		07 22.3	+50 09	Lyn	15	7.3	7.4	254	42
Σ 1065	R 50 JL 92x 1 h ws ws					N 200 JL 92x 1 h ws ws				
	S 250 FB 63x 1 ws ws					N 317 TJ 53x 1 h ws ws				
20Lyn										
ADS	6012		07 22.9	+55 17	Lyn	14.8	5.6	6.5	315	42
Σ 1062	R 50 JL 92x 1 ws ws					N 114 DK 56x 1 ws ws				
	M 127 JM 37x 1 ws bl					N 200 JL 92x 1 ws ws				
	M 228 GI 124 1 bl bl					S 250 FB 63x 1 ws ws				
	N 317 TJ 53x 1 ws ws									
19Lyn										
ADS	6065	AB	07 25.1	-21 10	Cma	1.8	7.1	8.1	22	319
	N 200 GK 57x 1 ws ws									
BU199										
ADS	6068	AB	07 26.0	+14 06	Gem	11.1	7.9	9.9	195	184
Σ 1088	B 100 JM 25x 1 ws bl									

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
			07 26.3	+69 29	Cam	25.7	8.1	10.0	305	21
Σ	1059	M 127 JM 115 1 ws ws								
ADS	**6073**	AB	07 26.4	+18 30	Gem	60.8	8.1	9.1	97	139
Σ	1090	B 100 JM 25x 1 ws ws								
ADS	**6028**	AC	07 26.5	+73 04	Cam	31.4	7.0	7.8	82	7
Σ	1051	B 100 JM 25x 1 ws ws								
ADS	**6089**	AC	07 27.7	+21 26	Gem	145.9	5.3	10.5	219	139
		S 200 HM 48x 1 ge ws								
ADS	**6109**	AC	07 29.1	+31 46	Gem	220.4	4.2	10.6	288	100
		S 200 HM 48x 1 ge								
P	Gem									
			07 29.3	+14 21	Gem	55.9	7.0	8.8	349	184
OΣ	86	B 100 JM 25x 1 ws ws								
ADS	**6190**		07 34.3	-23 28	Pup	9.8	5.8	5.9	115	319
		R 60 PA 40x 1 ws ge M 127 JM 115 1 h								
η	Pup									
ADS	**6175**	AB	07 34.6	+31 53	Gem	2.3	2.0	2.9	94	100
Σ	1110	R 45 CF 80x 1 ge ge R 60 TR 150 2								
		R 60 PA 80x 1 ge ws M 90 AM 100 1 h								
		R 102 DS 100 2 R 102 DS 167 1								
		N 112 CF 237 1 ws N 114 DK 182 2 ws ws								
		M 150 PI 150 1 bl bl N 153 TR 216 1								
		S 200 HM 48x 1 ws ws S 200 AM 135 1 ws ge								
		S 200 HM 95x 2 ge ge S 200 HM 154 1								
		N 254 JM 79x 1 ws ws N 317 TJ 230 1								
α	66Gem									
Castor										
ADS	**6175**	AC	07 34.6	+31 53	Gem	72.5	2.0	8.8	164	100
Σ	1110	B 100 JM 25x 1 ws ws M 102 HM 63x 1								
A	66Gem									
Castor										
ADS	**6208**	AB	07 36.1	-14 29	Pup	5.2	5.6	12.2	176	274
		N 200 GK 91x 1 bl ws								
ADS	**6216**	AB	07 36.6	-14 29	Pup	7.4	7.9	7.9	305	274
Σ	1121	R 60 PA 40x 1 u ge bl N 200 GK 91x 1 h bl bl								
			07 36.7	+35 23	Lyn	11.4	8.9	11.1	227	100
Σ	1117	S 200 HM 95x 1								
			07 37.6	-14 26	Pup	65	6.4	9.2	338	274
		N 200 GK 91x 1 ws ws								
S 557										
ADS	**6229**	AC	07 38.6	+35 02	Gem	159.9	5.6	10.6	100	100
		S 200 HM 48x 1								
	70Gem									

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**6255**	AB	07 38.8	-26 47	Pup	9.9	4.5	4.7	318	319
		M 127 JM 115 1 h								
K	Pup									
			07 43.3	+28 52	Gem	182.2	4.3	10.8	316	100
		S 200 HM 95x 1 or								
Σ	75Gem									
ADS	**6321**		07 44.4	+24 23	Gem	7.1	3.7	8.2	240	139
		S 200 HM 154 1 M 228 GI 182 1 ws rt								
κ	77Gem									
ADS	**6335**	AE	07 45.4	+28 01	Gem	234	1.2	9.7	90	101
		S 200 HM 48x 1 ws ws								
B	78Gem									
Pollux										
ADS	**6348**	AB	07 45.5	-14 41	Pup	16.8	6.1	8.1	339	274
Σ	1138	R 60 PA 40x 1 u ge bl B 100 JM 25x 1 ws ws								
		R 100 CF 100 1 ge ge								
	2Pup									
ADS	**6364**	AB	07 47.5	+33 25	Gem	21	5.3	11.4	214	101
Σ	1135	S 200 HM 147 1								
Π	80Gem									
			07 49.3	-24 52	Pup	288	3.3	5.3		320
		R 60 PA 14x 1 u ws ws								
ξ	7Pup									
Aspidiske										
			07 51.0	+31 36	Gem	77	6.3	6.8	83	101
OΣ	89	B 100 JM 25x 1 ws ws								
ADS	**6617**	AC	08 08.6	-02 59	Mon	66	4.4	7.9	245	230
Σ	1190	B 100 JM 25x 1 ws ws								
Z	Mon									
ADS	**6647**	AD	08 11.3	-12 55	Pup	60.5	4.7	8.9	276	275
		N 200 GK 91x 1 ws bl								
	19Pup									
BU1064										
ADS	**6650**	AB	08 12.2	+17 39	Cnc	0.6	5.6	6.0	180	140
Σ	1196	N 200 KV 240 3								
ζ	16Cnc									
ADS	**6650**	AD	08 12.2	+17 39	Cnc	287.9	5.6	9.7	108	140
Σ	1196	R 60 PA 14x 1 ws bl								
ζ	16Cnc									
ADS	**6650**	AC	08 12.2	+17 39	Cnc	5.3	5.6	6.3	79	140
Σ	1196	R 60 PA 80x 1 ws ge N 130 JM 50x 1 ge ws								
ζ	16Cnc									
ADS	**6815**		08 26.7	+26 56	Cnc	5.1	6.3	6.3	217	141
Σ	1223	R 60 PA 80x 1 h ge bl M 127 JM 50x 1								
		M 228 GI 182 1 ws ws								
φ	23Cnc									
WDS	**08391**	AC	08 39.1	+19 41	Cnc	178.0	7.4	8.5	345	141
		S 200 HM 48x 1								
	+1941									

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**6913**	AB	08 39.7	+05 46	Hya	26.1	7.8	8.9	31	186
Σ	1255	B 100 JM 25x 1 ws ws								
ADS	**6915**	AC	08 39.9	+19 32	Cnc	45.2	6.9	7.2	156	141
		S 200 HM 48x 1								
		AB	08 40.2	+20 00	Cnc	149.8	6.5	6.5	151	141
		S 200 HM 48x 1 ge ws								
	39Cnc									
ADS	**6921**	AC	08 40.3	+19 39	Cnc	63.2	6.4	8.7	342	141
Σ	1254	S 200 HM 48x 1								
			08 40.5	+19 32	Cnc	134.9	6.3	7.4	249	141
		S 200 HM 48x 1								
E	41Cnc									
WDS	**08419**		08 41.9	+20 10	Cnc	31.5	8.5	11.1	328	141
		S 200 HM 95x 1								
+2010										
		AB	08 43.3	+21 28	Cnc	106.3	4.7	8.7	66	141
		S 200 HM 48x 1 ws ws								
Γ	43Cnc									
Asellus Bor										
			08 43.6	-33 11	Pyx	106.6	3.7	8.0		363
		R 60 PA 14x 1 ws bl								
α	Pyx									
		AB	08 43.7	-07 13	Hya	78.9	4.7	8.8	310	276
σ	579	R 60 PA 14x 1 ws ge								
	31Hya									
ADS	**6967**		08 44.7	+18 09	Cnc	38.4	4.2	12.2	90	141
		N 153 TR 324 1								
δ	47Cnc									
ADS	**6988**		08 46.7	+28 46	Cnc	30	4.2	6.6	307	102
Σ	1268	B 50 CF 10x 1 or ws				R 60 TR 72x 1				
		R 60 DK 39x 1 ge bl				R 60 PA 11x 1 ge bl				
		M 102 HM 63x 1 ws bl				M 127 JM 50x 1				
		N 153 TR 52x 1				M 228 GI 124 1 ge bl				
		N 254 JM 40x 1 ge bl								
ι	Cnc									
			08 52.5	+28 15	Cnc	44	6.4	9.9	334	102
		M 228 GI 258 1 bl bl								
	53Cnc									
			08 52.5	+28 18	Cnc	273	6.0	6.3		102
		R 60 PA 11x 1 h ws ws				M 228 GI 78x 1 ge rt				
ρ	55Cnc									
ADS	**7071**	AC	08 54.2	+30 34	Cnc	55.6	6.0	9.1	199	102
Σ	1291	M 127 JM 214 1								
	57Cnc									

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**7071**	AB	08 54.2	+30 34	Cnc	1.4	6.0	6.5	316	102
Σ	1291	M 228 GI 326 1 ge ge								
	57Cnc									
ADS	**7115**		08 58.5	+11 51	Cnc	10.9	4.3	11.8	322	187
		N 153 TR 324 1 u								
α	Cnc									
			09 08.4	+27 31	Cnc	51.5	8.5	8.5	57	103
OΣ	97	B 100 JM 25x 1 h ws ws								
ADS	**7292**	AB	09 18.8	+36 48	Lyn	2.7	3.9	6.6	229	103
Σ	1334	N 254 JM 179 1 ws ws								
	38Lyn									
ADS	**7311**	AB	09 20.5	-09 33	Hya	231.8	5.0	6.9	211	277
		R 60 PA 14x 1 ge bl								
	27Hya									
ADS	**7324**	AB	09 22.5	+49 32	Uma	6.3	7.1	8.9	319	44
Σ	1340	S 250 FB 96x 1 ws ws								
			09 28.5	+09 06	Leo	0.6	5.9	6.5		188
		N 508 AS 477 1 ws ws								
Ω	2Leo									
			09 28.7	+45 36	Uma	70.9	5.4	7.8		71
		B 100 JM 25x 1 ws bl S 250 FB 63x 1 ws gn								
	41Lyn									
ADS	**7406**	AB	09 30.6	+10 35	Leo	14	8.3	8.6	243	188
Σ	1360	R 80 GK 37x 1 h								
		AB	09 30.7	+33 39	LMi	62.8	6.1	9.4	130	103
		R 60 DK 39x 1 or ws R 90 SG 143 1 or ws								
		N 114 DK 56x 1 u ge ws N 127 PA 50x 1 ws bl								
		N 153 TR 52x 1								
	7LMi									
		AC	09 30.7	+33 39	LMi	97.8	6.0	9.8	213	103
		N 114 DK 56x 1 u ge ws N 127 PA 50x 1 ws bl								
	7LMi									
ADS	**7402**	AB	09 31.5	+63 03	Uma	22.8	3.8	9.0	269	23
Σ	1351	R 80 GK 37x 1								
	23UMa									
ADS	**7416**		09 32.0	+09 42	Leo	37.3	5.4	8.4	75	188
		R 80 GK 50x 1 ge bl								
	6Leo									
SHJ107										
ADS	**7480**		09 41.2	+09 53	Leo	85.4	3.5	9.9	44	188
		S 200 HM 95x 1 ws								
O	14Leo									
ADS	**7520**	AB	09 49.1	+34 05	Lmi	27,8	7.1	11.1	106	104
Σ	1382	N 254 JM 139 1 ws ws								

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
			10 04.9	+5 29	Uma	27,8	8.1	9.6	102	45
Σ	1402	M 127 JM 60x 1 h ws ws								
ADS	**7654**	AB	10 08.4	+11 57	Leo	177.6	1.3	7.6	307	189
Σ	6	R 60 PA 11x 1 ws bl; R 80 GK 37x 1 bl ge; M 102 HM 63x 1; S 125 FB 50x 1 ws bl; S 200 HM 95x 1 ge ws; S 203 DS 68x 1								
α	32Leo									
Regulus										
ADS	**7695**		10 15.2	+19 07	Leo	2.4	8.8	8.8	258	144
Σ	1417	R 80 GK 37x 1 h ws ws								
			10 16.6	+23 26	Leo	325.9	3.6	5.9	340	144
Σ	18	S 200 HM 95x 1 ws ws								
Z	36Leo									
Adhafera										
ADS	**7724**	AB	10 19.9	+19 51	Leo	4.5	2.6	3.8	123	144
Σ	1424	R 60 TR 150 2; R 75 AT 50x 1 ge ge; R 102 DS 100 1 ge ge; N 114 DB 72x 1 ge; N 130 JM 130 1 ge ws; M 150 PI 150 1 ws ws; S 200 HM 63x 1 ge ge; S 250 FB 96x 1 ge ge; R 60 PA 80x 1 ge ge; R 102 DS 50x 2; N 114 DK 83x 1 ge ge; S 125 FB 100 1 or ge; N 130 JM 130 1 ge ws; N 153 TR 216 1; N 200 GK 33x 1 or ws								
γ	41Leo									
ADS	**7836**	AC	10 34.5	+21 36	Leo	11	7.6	9.0	259	145
Σ	1448	N 200 GK 91x 1 ws bl; N 254 JM 42x 1 ws ws								
ADS	**7837**		10 35.1	+08 39	Leo	2.2	5.8	8.5	157	190
Σ	1450	S 200 HM 222 2								
	49Leo									
ADS	**7873**		10 40.2	+38 23	LMi	5.4	8.5	9.0	152	105
Σ	1459	N 114 DB 72x 1 rt rt								
ADS	**7902**	AB	10 43.4	+04 44	Sex	6.8	6.3	7.4	240	235
Σ	1466	M 228 GI 119 1 rt rt								
	35Sex									
			10 47.0	+13 02	Leo	38.2	8.1	8.8	38	190
Σ	1472	S 200 HM 48x 1								
WDS	**10481**		10 48.1	+13 13	Leo	36.8	9.8	10.3	231	190
		S 200 HM 48x 1								
+1313										
			10 49.6	+12 56	Leo	17.6	9.3	9.3	275	190
Σ	1477	S 200 HM 48x 1								

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**7979**		10 55.6	+24 45	Leo	6.5	4.5	6.3	110	146
Σ	1487	R 60 PA 40x 1 ws bl; R 102 DS 50x 1 ws bl; N 114 DK 83x 1 ws ws; N 200 GK 228 1 ws ws; S 250 FB 96x 1 ws ws; R 90 SG 143 1 ws ws; R 102 DS 33x 2; S 125 FB 50x 1 ws ws; S 200 HM 95x 1; N 254 JM 98x 1 ws bl								
	54Leo									
ADS	**8001**		11 00.0	+58 54	Uma	34.4	7.4	9.7	38	46
Σ	1495	N 254 JM 50x 1 ge ge								
BU	**599**		11 06.9	+01 57	Leo	5.7	2.7		82	236
		S 250 FB 167 1 ge ws								
	65Leo									
		AB	11 12.6	+35 48	Uma	138.7	6.3	7.9	70	106
OΣ	108	N 254 JM 40x 1 ws ws								
ADS	**8100**	AB	11 15.5	+73 28	Dra	49.6	7.7	8.2	103	8
Σ	1516	B 100 JM 25x 1 ws ws								
ADS	**8119**		11 18.2	+31 32	UMa	1.8	4.3	4.8	273	106
Σ	1523	M 127 JM 167 1 ge ge; N 153 TR 216 2								
ξ	53UMa									
ADS	**8148**		11 23.9	+10 32	Leo	1.3	4.1	7.3	141	191
Σ	1536	S 203 DS 203 2; N 508 AS 340 1 ws or								
ι	Leo									
ADS	**8153**		11 24.9	-17 41	Crt	5.3	4.1	9.6	94	281
		M 127 JM 47x 1 ws ws								
Γ	15Crt									
ADS	**8162**	AB	11 26.8	+03 00	Leo	28.5	6.2	7.9	150	236
Σ	1540	N 254 JM 50x 1 ge ws								
	83Leo									
		AB	11 27.8	+02 53	Leo	91.1	5.2	8.1	176	236
Σ	19	S 125 FB 50x 1 ws bl								
T	84Leo									
ADS	**8175**	AB	11 29.1	+39 20	UMa	5.5	5.4	8.4	358	73
Σ	1543	N 112 CF 237 1 ws ws								
	57UMa									
ADS	**8196**		11 31.8	+14 21	Leo	15.5	6.4	8.4	329	191
Σ	1547	S 125 FB 50x 1 ws ws								
	88Leo									
ADS	**8220**	AC	11 34.7	+16 47	Leo	63.1	5.9	8.8	234	147
Σ	1552	S 125 FB 50x 1 ws ws; N 254 JM 96x 1 ws ws; S 250 FB 96x 1 ws ge								
	90Leo									
ADS	**8220**	AB	11 34.7	+16 47	Leo	3.4	6.1	7.4	208	147
Σ	1552	S 125 FB 100 1 ws ws; S 250 FB 96x 1 ws ws								
	90Leo									

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
Σ 7			11 48.0	+20 12	Leo	74.3	4.5	9.6	355	147
	N 200 GK 37x 1 ws bl									
93Leo										
		AD	11 49.1	+14 34	Leo	264.0	2.14		203	192
	S 200 HM 48x 1									
β 94Leo										
Denebola										
ADS	8327		11 51.9	+08 49	Vir	30.6	8.1	8.7	210	192
Σ 1575	B 100 JM 25x 1 ge bl									
ADS	8347		11 55.1	+46 29	Uma	3.7	6.7	8.3	38	74
Σ 1579	N 254 JM 42x 1 h ws ws									
65UMa										
ADS	8406		12 04.3	+21 28	Com	3.7	5.9	7.4	237	148
Σ 1596	R 45 CF 80x 1 ws ws					N	114 DK	167 1	ws ws	
	R 120 CF 80x 1 ge ws									
2Com										
ADS	8489		12 16.1	+40 39	CVn	11.5	5.9	8.2	260	74
Σ 1622	M 228 GI 124 1 or bl									
2CVn										
ADS	8505		12 18.1	-03 56	Vir	20.1	6.6	6.9	196	238
Σ 1627	N 200 GK 91x 1 ws ws									
M	40		12 22.4	+58 08	Uma	52.4	9.7	10.2	78	47
	B 100 JM 25x 1 ws ws									
Winnecke										
ADS	8531		12 22.5	+05 18	Vir	20	6.6	9.4	337	193
Σ 1636	R 120 CF 80x 1 ws ws					N	200 GK	91x 1	ws or	
	N 317 TJ 62x 1 u ge ws									
17Vir										
DUN	252		12 26.6	-63 06	Cru	4.4	1.4	1.9	115	450
	N 304 PH 300 1 h ws ws									
α Cru										
ADS	8561		12 28.1	+44 47	CVn	9.9	7.4	8.0	158	75
Σ 1645	M 228 GI 124 1 ws ws					N	254 JM	43x 1	h bl bl	
ADS	8568	AB	12 28.9	+25 55	Com	145	5.36	6.6	251	148
Σ 21	R 60 PA 14x 1 ws ws					B	60 DK	20x 1	u ws ws	
	B 100 JM 25x 1 ws ws					M	228 GI	78x 1	bl bl	
17Com										
			12 29.9	-16 31	Crv	24.1	3.1	9.3	214	283
	S 200 HM 95x 1 ws									
Δ 7Crv										
		AB	12 30.1	+51 31	CVn	109.2	6.1	10.4	172	47
	B 100 JM 25x 1 ws ws									
7CVn										

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	8600		12 35.1	+18 23	Com	20.3	5.2	6.7	271	149
Σ 1657	N 114 DK 56x 1 ge ws					S	250 FB	96x 1	ge bl	
24Com										
		AB	12 35.8	-12 02	Crv	27.5	7.9	8.3	351	284
Σ 1659	B 100 JM 25x 1 ws ws									
		BC	12 38.3	-11 31	Vir	64.3	9.4	11.6	338	284
Σ 1664	B 100 JM 25x 1 ws ws									
		CD	12 38.3	-11 31	Vir	32.5	11.6	11.6	266	284
Σ 1664	B 100 JM 25x 1 ws ws									
ADS	8627		12 41.3	-13 00	Crv	58	6.1	10.6	228	284
Σ 1669	M 228 GI 124 1 ws ws									
ADS	8630	AE	12 41.7	-01 27	Vir	251.8			180	239
Σ 1670	S 200 HM 95x 1									
Γ Vir										
Porrima										
ADS	8630	AB	12 41.7	-01 27	Vir	3.7	3.6	3.7	295	239
Σ 1670	R 90 SG 143 1 ws ws					N	114 DK	250 1	h ws ws	
	R 120 CF 210 1 h ge ge					S	200 HM	95x 3		
	S 203 DS 203 2 h					M	228 GI	326 1	ge ge	
	N 317 TJ 49x 3 ws					N	317 TJ	135 1	ge ge	
γ Vir										
Porrima										
R	207		12 46.3	-68 05	Mus	1.4	3.9	4.2	30	451
	N 304 PH 300 2 h ws ws									
β Mus										
ADS	8682		12 49.3	+83 24	Cam	21.6	5.3	5.8	326	9
Σ 1694	R 60 PA 14x 1 bl bl					N	254 JM	40x 1	h ws ws	
	N 318 DS 61x 1 h									
78Cam										
		AB	12 52.2	+17 04	Com	196.5	6.3	6.9	50	149
Σ 23	M 228 GI 78x 1 rt ge									
32Com										
ADS	8695	AC	12 53.3	+21 14	Com	28.7	5.1	9.1	126	149
Σ 1687	S 200 HM 48x 1 ge ws									
35Com										
ADS	8706		12 56.1	+38 18	CVn	20	2.9	5.4	228	108
Σ 1692	R 60 DK 39x 1 ws ws					R	80 GK	50x 1	ge ge	
	R 80 PI 25x 1					N	114 AV	50x 1	ws ws	
	M 150 PI 50x 1 ws or					N	153 TR	52x 1		
	M 228 GI 78x 1 ws ge					N	254 JM	43x 1	h ws bl	
	N 254 JM 43x 1 h					N	317 TJ	66x 1	ws rt	
α CVn										
Cor Caroli										
ADS	8801		13 10.0	-05 32	Vir	7.1	4.4	9.4	343	240
Σ 1724	M 228 GI 182 1 ge rt									
θ Vir										

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**8805**	AB	13 10.1	+38 30	CVn	284.6	6.0	69.2	297	75
Σ 24	B 100 JM 25x 1 ws ws									
17CVn										
		AB	13 13.6	+67 17	Dra	178.8	6.8	7.0	296	26
Σ 25	B 100 JM 25x 1 ws ws									
		AB	13 13.6	+56 42	Uma	117.5	6.7	8.6	213	48
OΣ 122	B 100 JM 25x 1 ws ws									
ADS	**8891**		13 23.9	+54 55	UMa	14.4	2.4	4.0	152	48
Σ 1744	R 45 CF 80x 1 ws ws R 60 TR 36x 1									
	R 60 PA 28x 1 ws ws R 102 DS 50x 1									
	N 112 CF 36x 1 ws ws N 114 AV 80x 1 ws ws									
ζ Uma										
Mizar										
			13 23.9	+54 55	Uma	780	2.3	4.2	10	48
	A 5 JM 1x 1 ws ws									
ζ UMa										
MizarAlkor										
		AB	13 27.1	+64 43	Dra	68.9	6.7	7.0	147	26
OΣ 123	B 100 JM 25x 1 ws ws									
ADS	**8939**	AC	13 32.8	+34 54	CVn	116.3	6.8	9.3	333	109
OΣ 269	B 100 JM 25x 1 ws ws									
ADS	**8974**		13 37.5	+36 17	CVn	214.6	4.9	8.7	141	109
Σ 1768	M 228 GI 182 2 ws ws									
25CVn										
ADS	**8972**		13 37.6	-07 52	Vir	14.1	7.1	11.0	328	285
Σ 1763	M 228 GI 124 1 ge bl									
ADS	**9000**		13 43.1	+03 32	Vir	3	5.7	8.1	227	241
Σ 1777	M 228 GI 182 1 rt rt									
84Vir										
ADS	**9031**		13 49.1	+26 59	Boo	3.4	7.9	8.2	160	151
Σ 1785	M 228 GI 124 1 ge ge									
			13 54.7	+18 24	Boo	112.6	2.8	8.8	103	151
	S 200 HM 95x 1									
H 8Boo										
WDS	**14083**		14 08.3	+49 27	Boo	79.7	5.2	9.9	274	77
	S 200 HM 48x 1 ge ws									
13Boo										
+4927										
			14 10.4	+25 06	Boo	1.1	4.82		8	152
	S 200 HM 222 3									
12Boo										

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**9173**		14 13.5	+51 47	Boo	13.4	4.6	6.6	236	49
Σ 1821	R 45 CF 80x 1 ws ws R 120 CF 80x 1 ge ws									
	N 153 TR 52x 1 S 200 HM 48x 1 ws ws									
	M 225 GI 119 1 ws ws N 254 JM 40x 1 ws ws									
	N 318 DS 61x 1									
κ 17Boo										
ADS	**9182**		14 15.3	+03 08	Vir	0.9	7.7	7.8	238	242
Σ 1819	M 228 GI 326 1 rt rt									
ADS	**9185**		14 15.8	+10 18	Boo	4.0	9.2	9.7	148	197
Σ 1823	S 200 HM 95x 1 ws ws									
ADS	**9197**	AC	14 16.1	+56 43	Uma	107.7	6.2	6.6	222	49
Σ 1831	B 100 JM 25x 1 h ws ws									
ADS	**9198**	AB	14 16.2	+51 22	Boo	38.5	4.9	7.5	33	49
Σ 26	R 45 CF 80x 1 ge ws R 120 CF 80x 1 ge ws									
	N 153 TR 52x 1 S 200 HM 48x 1 ge ws									
	M 228 GI 78x 1 ge ws N 254 JM 40x 1 ws ws									
	N 318 DS 61x 1									
ι 21Boo										
ADS	**9229**		14 20.3	+48 30	Boo	1.3	7.9	8.0	102	77
Σ 1834	M 228 GI 326 1 h ws ws									
ADS	**9251**		14 24.1	+11 15	Boo	9.1	7.4	7.5	334	197
Σ 1838	N 114 DK 83x 1 h ws ws R 120 CF 80x 1 ws ws									
	N 317 TJ 89x 1 h ge ge									
ADS	**9338**		14 40.7	+16 26	Boo	5.7	4.9	5.8	108	198
Σ 1864	R 45 CF 80x 1 ws ws R 60 PA 84x 1 bl ws									
	N 114 DK 83x 1 ws ws R 120 CF 80x 1 ws ws									
	R 152 CN 34x 1 bl ws N 153 TR 108 1									
	S 200 HM 48x 1 ws ws M 228 GI 182 1 ws ws									
π 29Boo										
ADS	**9343**	AB	14 41.1	+13 44	Boo	0.9	4.4	5.0	307	198
Σ 1865	N 105 JM 73x 1 ws ws N 153 TR 216 2									
	S 200 HM 222 3 M 228 GI 326 2 or or									
ζ Boo										
ADS	**9343**	AC	14 41.1	+13 44	Boo	104	4.4	10.9	259	198
Σ 1865	N 153 TR 108 1 S 200 HM 95x 1									
ζ Boo										
WDS	**14415**		14 41.5	+13 36	Boo	92	8.38	13.4	13	198
	S 200 HM 222 3									
+1336										
ADS	**9372**		14 45.0	+27 04	Boo	2.8	2.5	4.9	339	153
Σ 1877	R 80 MC 171 1 ge bl R 90 GI 213 1 ge ws									
	R 90 GI 156 2 N 114 DK 225 1 ge ws									
	N 114 DB 72x 3 R 120 CF 210 1 or ws									
	M 127 JM 167 1 ws bl M 150 PI 250 2									
	R 152 CN 76x 1 ge bl N 153 TR 216 2									
	S 200 HM 222 1 M 228 GI 326 1 ge bl									
ε 36Boo										
Izar										

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	9396	AB	14 49.3	-14 09	Lib	1.9	5.8	6.7	335	288
		M 228 GI 182 1 rt bl								
μ Lib										
ADS	9406		14 49.6	+48 43	Boo	3	6.1	6.8	45	78
Σ 1890		N 114 DK 225 1 h ws ws				R 152 CN 76x 1 ws ws				
		N 153 TR 216 1				M 228 GI 182 1 ws ws				
39Boo										
			14 50.8	-16 01	Lib	231	2.9	5.3	314	288
		B 50 CF 10x 1 ge ws				R 80 GK 37x 1 ws ws				
		S 200 HM 48x 1								
α Lib										
Zubenelge										
ADS	9410		14 51.1	+09 43	Boo	7.8	7.6	9.6	227	198
Σ 1886		R 80 GK 136 1 or bl								
ADS	9413	AB	14 51.4	+19 06	Boo	6.9	4.7	7.0	347	153
Σ 1888		R 60 PA 84x 1 ge ge				R 80 GK 37x 1 ge or				
		M 127 JM 167 1 ws ge				R 152 CN 34x 1 ws or				
		M 228 GI 124 1 ws rt								
ξ Boo										
ADS	9474		14 59.6	+53 52	Boo	40.4	6.8	7.4	342	50
		R 80 GK 50x 1 ge ge								
H	53		15 02.5	+47 44	Boo	87.0	8.9	10.9	359	78
		N 200 GK 33x 1 h ws ws								
ADS	9494		15 03.9	+47 39	Boo	1.2	5.3	6.2	40	78
Σ 1909		R 80 GK 260 1 ge ge				M 228 GI 182 1 ws ws				
44Boo										
ADS	9507		15 07.6	+09 13	Boo	4.3	7.5	7.5	211	198
Σ 1910		R 80 GK 136 1 ge ge								
			15 14.1	+31 46	Boo	122.1	6.4	7.9	157	112
OΣ 292		B 100 JM 25x 1 ws ws								
ADS	9559		15 15.5	+33 19	Boo	105	3.5	8.7	78	112
Σ 27		R 45 CF 23x 1 or ws				B 50 CF 10x 1 ge ws				
		B 100 JM 25x 1 ws ws				R 120 CF 23x 1 or ws				
		N 153 TR 52x 1								
δ Boo										
		AB	15 20.1	+60 22	Dra	150.5	7.4	7.6	199	28
OΣ 138		B 100 JM 25x 1 ws ws								
		BC	15 20.1	+60 22	Dra	94.1	7.6	9.2	47	28
OΣ 138		B 100 JM 25x 1 ws ws								
		AC	15 20.1	+60 22	Dra	82	7.4	9.2	165	28
OΣ 138		B 100 JM 25x 1 ws ws								

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	9617	AB	15 23.2	+30 17	CrB	1	5.6	6.1	36	112
Σ 1937		R 90 GI 213 1 ge ws				R 90 GI 156 2				
		N 153 TR 324 2				M 228 GI 258 1 ge bl				
		N 317 TJ 570 1 h ws ws				N 318 DS 254 2 h				
η 2CrB										
ADS	9617	AC	15 23.2	+30 17	CrB	57.7	5.6	12.6	12	155
Σ 1937		N 153 TR 324 3								
η CrB										
ADS	9626	BC	15 24.5	+37 20	Boo	2	7.2	7.8	15	112
Σ 1938		M 228 GI 258 1 ws ws								
μ Boo										
ADS	9626	AB	15 24.5	+37 23	Boo	107	4.3	7.0	171	112
Σ 28		R 45 CF 23x 1 ws ws				B 50 CF 10x 1 ws ws				
		R 80 GK 37x 1 ge or				R 120 CF 23x 1 ws ws				
		N 153 TR 52x 1				M 228 GI 78x 1 ws ws				
μ Boo										
ADS	9688		15 31.8	+40 54	Boo	628	5.8	5.8	300	78
		B 50 TR 8x 1								
ν Boo										
ADS	9701	AB	15 34.8	+10 31	Ser	4	4.2	5.2	177	199
Σ 1954		M 127 JM 115 1 ws ws				M 228 GI 78x 1 ws ws				
δ 13Ser										
ADS	9737		15 39.4	+36 38	CrB	6.3	5.1	6.0	305	112
Σ 1965		R 127 BU 117 1 bl bl				R 152 CN 34x 1 bl bl				
		M 228 GI 124 1 ws ws								
ζ CrB2										
ENG	54		15 41.9	-19 41	Lib	169.9	4.9		282	334
		N 200 GK 33x 1 ws ws								
κ 43Lib										
			15 42.7	+26 18	Crb	0.3	4.2	5.6		154
Σ 1967		R 152 CN 343 1 ws ws								
γ Crb										
ADS	9859	AB	15 57.6	+26 53	CrB	2.1	4.2	12.6	10	155
		N 153 TR 216 2								
ε CrB										
RMK	21		16 00.1	-38 24	Lup	15.0	3.6	7.8	20	374
		S 125 FB 50x 1 bl ws								
β Lup										
ADS	9909	AC	16 04.4	-11 22	Sco	7.6	4.9	7.2	50	290
Σ 1998		S 125 FB 50x 1 ws ws								
X Sco										
ADS	9913	AC	16 05.4	-19 48	Sco	13.6	2.6	4.9	21	335
		M 102 JM 35x 1				N 114 GG 100 1 ws bl				
		N 114 DK 83x 1 ws ws				S 200 HM 48x 1				
		N 317 TJ 62x 1 ws bl								
β Sco										

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	9933	AB	16 08.1	+17 03	Her	28.1	5.3	6.5	13	200
Σ 2010		R 90 SG 143 1 ws ws				B 100 JM 25x 1 ws ge				
		N 114 DK 56x 1 ge ge				N 153 TR 52x 1				
		N 200 GK 44x 1 ge ge				M 228 GI 78x 1 gn ws				
κ 7Her										
ADS	9951	AC	16 12.0	-19 27	Sco	41.2	4.4	6.5	337	335
		S 125 FB 50x 1 ws ws								
N Sco										
ADS	9951		16 12.0	-19 28	Sco	41.2	4.4	6.3	337	335
		N 114 GG 100 1 ws ws				N 318 DS 61x 1				
ν Sco										
ADS	9969	AB	16 13.2	+13 32	Her	4.1	7.5	7.7	351	200
Σ 2021		N 200 GK 91x 1 ws ws								
		AB	16 14.3	-03 42	Oph	65.5	2.74	13.4	294	245
		S 200 HM 95x 1 ge								
Δ 1Oph										
Yed Prior										
ADS	9979	AB	16 14.7	+33 52	CrB	6.6	5.8	6.7	233	113
Σ 2032		R 152 CN 55x 1 ws ws				N 153 TR 52x 1				
		N 200 GK 91x 1 ws ws				M 228 GI 78x 1 ge ge				
σ 17CrB										
ADS	9979	AD	16 14.7	+33 51	CrB	71	5.8	10.8	85	113
Σ 2032		N 153 TR 52x 1				N 200 GK 91x 1 ws bl				
σ CrB										
			16 18.3	-04 41	Oph	110.6	3.3	12.4	246	246
		S 200 HM 22x 1 ge								
E 2Oph										
Yed Posteri										
			16 22.4	+33 47	CrB	364	5.4	5.3	165	113
Σ 29		B 100 JM 25x 1 ge ge								
ν CrB										
ADS	10031		16 22.9	+32 20	Crb	32.4	6.3	8.8	17	113
		R 80 GK 50x 1 bl or								
ADS	10049	AD	16 25.6	-23 26	Oph	156	5.2	6.9	253	336
		N 318 DS 61x 1								
ρ Oph										
ADS	10049	AB	16 25.6	-23 26	Oph	3.1	5.2	5.9	342	336
		N 318 DS 153 1								
ρ Oph										
ADS	10129	AB	16 36.3	+52 55	Dra	3.3	5.6	6.6	108	52
Σ 30		R 80 MC 171 1 ws ws				N 114 DK 182 1 ws ws				
		M 228 GI 258 1 ws ge				N 317 TJ 230 1 ws ws				
17Dra										
ADS	10129	AC	16 36.3	+52 55	Dra	90.3	5.1	5.5	194	52
Σ 30		B 50 DK 7x 1 h ws ws				R 60 PA 14x 1 ws ws				
		R 60 DK 39x 1 ws ws				B 60 DK 20x 1 h ws ws				
		B 100 JM 25x 1 ws ws				B 100 JM 25x 1 ws ws				
		M 228 GI 258 1 ws ws				N 317 TJ 230 1 ws ws				
17Dra										

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	10149	AB	16 40.7	+04 13	Her	69.7	5.7	6.9	230	246
Σ 31		B 100 JM 25x 1 ws ws								
37Her										
ADS	10167		16 42.5	+21 35	Her	5.4	7.3	8.8	309	156
Σ 2085		N 200 GK 91x 1 ws ws								
ADS	10171	AB	16 42.6	+23 39	Her	5.5	9.0	9.0	289	156
Σ 2087		S 200 HM 48x 1 ws ws								
ADS	10194		16 45.1	+28 21	Her	5.2	7.3	9.3	161	114
Σ 2095		N 200 GK 119 1 ws bl								
ADS	10207	AB	16 47.1	+02 04	Oph	23.4	6.1	9.4	89	246
Σ 2096		M 228 GI 78x 1 ws ws								
19Oph										
ADS	10224		16 48.7	+35 55	Her	5.8	7.3	9.1	19	114
Σ 2104		N 200 GK 119 1 ws ws								
ADS	10288	AC	16 57.9	+47 21	Her	112.7	8.2	8.2	262	80
Σ 32		B 100 JM 25x 1 ws ws								
ADS	10345		17 05.4	+54 28	Dra	2.1	5.8	5.8	42	52
Σ 2130		N 254 JM 98x 1 h ws ws								
μ 21Dra										
Alrakis										
ADS	10410	AC	17 13.0	+54 07	Dra	88.8	7.0	9.2	231	52
Σ 2146		B 100 JM 25x 1 ws ws								
ADS	10418		17 14.6	+14 23	Her	4.8	3.5	5.4	106	202
Σ 2140		R 80 MC 80x 1 or bl				N 114 DK 167 1 or ws				
		M 127 JM 115 1 ge bl				R 152 CN 34x 1 or ws				
		N 153 TR 216 1				M 228 GI 182 1 or ge				
		N 317 TJ 143 1 or gn								
α Her										
ADS	10424		17 15.0	+24 50	Her	9.5	3.2	8.3	255	157
Σ 3127		M 228 GI 182 1 ws rt								
δ Her										
ADS	10417		17 15.4	-26 33	Oph	4.6	5.3	5.3	154	337
		M 102 JM 35x 1 ws ws				S 125 FB 74x 1 ws ws				
36Oph										
ADS	10442		17 18.0	-24 17	Oph	10.3	5.4	6.9	355	337
		S 125 FB 50x 1 ge ws				N 317 TJ 88x 1 or bl				
o 39Oph										
ADS	10481		17 20.8	-12 50	Ser	46.3	4.4	8.4	28	292
		B 100 JM 25x 1 ws ws								
N 53Ser										

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	10526	AB	17 23.7	+37 08	Her	4.1	4.5	5.5	320	115
Σ 2161	R 80 MC 120 1 ws bl	R 152 CN 55x 1 ws ws	N 318 DS 76x 1							
ρ 75Her										
ADS	10628		17 32.2	+55 11	Dra	62	5.0	5.0	312	53
Σ 35	B 35 GI 8x 1 h B	B 50 GG 10x 1 ws ws	B 50 DK 7x 1 h ws ws	R 60 PA 14x 1 h ws ws	R 60 DK 39x 1 h ws	B 60 DK 20x 1 h ws ws	B 70 GI 16x 1 h ws ws	N 254 JM 98x 1 h ws ws		
ν 25Dra										
ADS	10693	AB	17 39.8	-04 58	Oph	26.4	8.0	9.0	268	248
Σ 2191	B 100 JM 25x 1 ws ws									
ADS	10759		17 41.9	+72 09	Dra	30.3	4.9	6.1	15	30
Σ 2241	M 50 JM 10x 1 h ws ws	R 60 PA 14x 1 ws ws	N 105 JM 14x 1 ws bl							
ψ 31Dra										
ADS	10750	AB	17 44.6	+02 34	Oph	20.6	6.2	6.6	93	248
Σ 2202	M 102 JM 35x 1 ws ws	S 200 HM 48x 1 ws ws	M 228 GI 124 1 ws bl	N 318 DS 61x 1 ws ws						
61Oph										
PZ	6		17 59.1	-30 15	Sag	5.5	5.4		105	377
	S 125 FB 100 1 ge ge									
ADS	11061		18 00.1	+79 59	Dra	19.1	5.8	6.2	232	12
Σ 2308	R 60 PA 14x 1 ws ws									
41Dra										
ADS	10966	AC	18 00.6	+02 55	Oph	54.5	3.9	8.5	143	249
	S 200 HM 48x 1 N 318 DS 61x 1									
67Oph										
ADS	10993		18 01.5	+21 36	Her	6.2	5.1	5.2	258	159
Σ 2264	N 130 JM 50x 1 bl ge	N 130 JM 50x 1 bl ge	R 152 CN 34x 1 ws ge	N 153 TR 52x 1 bl ge	M 228 GI 124 1 bl ge					
95Her										
		AB	18 01.8	+01 18	Oph	1.0	4.4	9.2	111	249
	S 200 HM 48x 1 ge									
68Oph										
BU1125										
WDS	18028	AB	18 02.8	+01 37	Oph	69.3	9.1	8.7	122	249
	S 200 HM 48x 1									
BU 635										
ADS	11035	AC	18 02.9	+56 25	Dra	34.2	7.5	8.5	36	53
Σ 2278	B 100 JM 25x 1 ws ws									
ADS	11005	AB	18 03.0	-08 11	Oph	1.9	5.3	6.0	278	294
Σ 2262	M 102 JM 175 1 R 152 CN 152 1 ws ws	M 228 GI 258 1 ge ge								
τ 69Oph										

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	11046		18 05.4	+02 32	Oph	3.7	4.2	6.0		249
Σ 2272	M 102 JM 56x 1 ws ge	M 102 JM 56x 1 ws ge	R 152 CN 55x 1 ws ge	S 200 HM 95x 1 ge	M 228 GI 148 1 ge rt					
70Oph										
		AB	18 07.3	+09 34	Oph	54.4	3.73	11.0	166	204
OΣ 342	S 200 HM 222 1									
72Oph										
ADS	11089	AB	18 07.8	+26 05	Her	14.2	5.9	6.0	182	159
Σ 2280	M 228 GI 78x 1 bl bl									
100Her										
BU	760		18 17.7	-36 44	Sgr	3.6	3.2	7.8	105	377
	S 125 FB 100 1 ge ws									
ε Sgr										
ADS	11336	AC	18 23.9	+58 48	Dra	89	5.1	7.9	21	53
Σ 2323	R 60 PA 14x 1 bl ws	B 100 JM 25x 1 ws ws								
39Dra										
ADS	11334	AB	18 25.0	+27 23	Her	0.6	6.6	7.6	130	117
Σ 2315	N 400 CF 1E+ 1 ge ge									
			18 27.2	+00 20	Ser	3.7	5.3	7.6		250
	M 228 GI 124 1 ge ws									
59Ser										
DUN	222		18 33.4	-38 43	Cra	21.4	5.9	6.6	359	378
	S 125 FB 50x 1 bl ws									
K Cra										
ADS	11483		18 35.9	+16 59	Her	1.7	6.8	7.2	158	205
	N 317 TJ 230 1 h ws ws									
ADS	11500		18 36.2	+41 17	Lyr	5.1	7.7	7.7	340	82
Σ 2351	N 200 GK 91x 1 h bl bl									
ADS	11510	AB	18 37.0	+38 46	Lyr	62.8	0.0	9.5	173	82
	M 228 GI 326 1 ws ws									
α 3Lyr										
Wega										
ADS	11534		18 38.4	+36 03	Lyr	4.2	7.5	8.8	184	117
Σ 2362	N 200 GK 119 1 ws bl									
ADS	11593		18 42.1	+34 44	Lyr	25	6.2	8.4	83	117
Σ 2372	B 100 JM 25x 1 ws ws	N 200 GK 44x 1 ws bl								
			18 42.5	+59 30	Dra	2.28	8.9	9.7	324	54
Σ 2398	N 317 TJ 230 1 or rt									
WDS	18426		18 42.6	+39 37	Lyr	9.9	12.4	12.8	285	82
	S 200 HM 95x 1									
+3937										

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11616**		18 42.9	+44 56	Lyr	25.8	7.3	8.8	9	82
Σ 2380		M 127 JM 47x 1 ws ws								

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
WDS	**18433**		18 43.3	+39 18	Lyr	61.0	6.37	10.4	189	82
		S 200 HM 154 1								

+3918

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11635**	AC	18 44.3	+39 40	Lyr	207.7	4.6	4.6	173	117
Σ 2382		A 8 TJ 1x 1 ws ws				A 8 KV 1x 1 ws ws				
		A 8 GG 1x 1 ws ws				R 24 DK 5x 1 h ws ws				
		B 50 TR 8x 1				B 50 CF 10x 1 h ws ws				
		R 60 DS 45x 1 h				B 63 AV 9x 1 ws ws				
		R 80 MC 171 1 h ws ws				R 127 BU 91x 1 ws ws				
		S 200 HM 95x 1 u				N 200 GK 228 1 h ws ws				
		S 203 PK 60x 1 h ws ws								

ε Lyr

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11635**	CD	18 44.3	+39 40	Lyr	2.3	5.1	5.4	94	117
Σ 2382		R 63 KV 120 1 ws ws				R 80 MC 171 1 h ws ws				
		R 90 SG 143 1 ws ws				N 105 JM 220 3				
		N 114 DK 182 1 hu ws ws				R 127 BU 234 1 ws ws				
		R 150 DS 200 1 h ws ws				N 153 TR 216 1 ws				
		S 200 HM 95x 1 u				N 200 GK 228 1 ws ws				
		S 203 PK 110 1 h ws ws				M 228 GI 182 1 u ge rt				
		S 250 FB 200 1 ws ws				N 254 JM 265 1 ws ws				
		N 317 TJ 230 1 ws ws				N 318 DS 153 1 h				

ε Lyr

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11635**	AB	18 44.3	+39 40	Lyr	2.6	5.1	6.0	353	117
Σ 2382		R 63 KV 120 1 ws ws				R 80 MC 171 1 h ws ws				
		R 90 SG 143 1 ws ws				N 105 JM 220 1 ws ge				
		N 114 AV 80x 1 ws ws				N 114 DK 182 1 u ws ws				
		R 127 BU 234 1 ws ws				R 150 DS 200 1 ws ws				
		R 150 DS 200 1 h ws ws				R 152 CN 55x 1 ws ws				
		N 153 TR 216 1 ws				S 200 HM 95x 1 u				
		S 200 AM 200 1				S 203 PK 110 1 h ws ws				
		M 228 GI 182 1 hu ws ws				S 250 FB 200 1 ws ws				
		N 254 JM 265 1 ws ws				N 317 TJ 230 1 ws ws				
		N 318 DS 153 1 h								

ε Lyr

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
			18 44.4	+33 59	Lyr	65.5	8.0	8.7	6	117
OΣ 172		B 100 JM 25x 1 ws ws								

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11639**	AE	18 44.7	+37 36	Lyr	61.8	4.3	11.5	301	117
		N 153 TR 216 1				M 228 GI 78x 1 ws ws				

ζ Lyr

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11639**	AD	18 44.8	+37 36	Lyr	44	4.3	5.9	150	117
Σ 38		R 60 PA 42x 1 ws ws				R 60 DS 45x 1 ws bl				
		R 60 DK 39x 1 ws ws				B 60 DK 20x 1 ws ws				
		N 114 DK 83x 1 ws ws				M 127 JM 47x 1 ws ws				
		N 153 TR 52x 1				S 200 HM 154 1				
		N 318 DS 61x 1								

ζ 6/7Lyr

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11655**	AB	18 45.1	+39 13	Lyr	3	8.4	10.4	316	82
Σ 2392		S 200 HM 154 1								

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11655**	AC	18 45.1	+39 13	Lyr	23.5	8.5	9.6	176	82
Σ 2392		S 200 HM 154 1								

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
WDS	**18457**	AB	18 45.7	+39 42	Lyr	74.9	9.3	10.5	186	82
		S 200 HM 48x 1 u								

+3942

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11669**		18 45.8	+34 31	Lyr	4.2	7.2	8.6	156	117
Σ 2390		N 200 GK 170 1 ws ws								

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11667**	AB	18 46.5	-00 57	Aql	12.8	6.1	7.9	120	250
Σ 2379		M 228 GI 124 1 ws ws								
5Aql										
			18 49.5	+33 16	Lyr	29.4	9.3	11.7	207	117
Σ 2407		S 200 HM 154 1								

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11732**	AB	18 49.7	+32 48	Lyr	34.8	5.8	11.3	73	117
		S 200 HM 154 1 u								

N 8Lyr1

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11737**		18 49.9	+32 33	Lyr	19	5.2	12.7	177	117
		S 200 HM 154 1 u								

N 9Lyr2

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11745**	AB	18 50.1	+33 22	Lyr	45.7	3.4	8.6	149	117
Σ 39		R 60 TR 150 1				R 60 PA 42x 1 bl bl				
		R 60 DS 45x 1 ws bl				M 127 JM 47x 1 ws ws				
		S 200 HM 95x 1				N 318 DS 61x 1 bl				

β 10Lyr
Sheliak

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11750**		18 50.7	+10 59	Aql	3.6	6.9	8.1	183	205
Σ 2404		N 200 GK 119 1 h or or								

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11779**	AC	18 51.2	+59 22	Dra	139.4	4.8	11.5	326	54
		R 80 GK 37x 1 ge ws								

o Dra

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11779**	AB	18 51.2	+59 22	Dra	34.6	4.9	7.9	324	54
		B 100 JM 25x 1 ws ws								

O Dra

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
			18 53.7	+36 57	Lyr	174.6	5.5	9.2	20	117
		M 102 HM 53x 1								

Δ 11Lyr1

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11825**	AB	18 53.8	+36 52	Lyr	86.2	4.5	11.2	349	117
		M 102 HM 147 3								

Δ 12Lyr2

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11853**	BC	18 56.2	+04 11	Ser	414	4.6	7.9	56	250
Σ 2417		M 228 GI 124 1 ws ws								

θ 63Ser

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11853**	AB	18 56.2	+04 11	Ser	22.3	4.5	5.4	104	250
Σ 2417		M 127 JM 50x 1 ws ws				M 228 GI 124 1 ws ws				

θ 63Ser

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
WDS	**18570**	AB	18 57.0	+32 54	Lyr		5.3	7.5		117
		S 200 HM 154 3								

+3254

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**11908**	AB	18 58.9	+32 41	Lyr	13.4	3.3	12.1	304	117
	S 200 HM 95x 1									
Γ 14Lyr										
Sulafat										
ADS	**11902**	AB	18 59.1	+13 37	Aql	17.8	5.4	8.9	288	205
Σ 2424	S 200 HM 48x 1									
11Aql										
ADS	**11916**		18 59.9	+12 52	Aql	16.8	7.4	8.8	260	205
Σ 2426	N 200 GK 57x 1 or bl									
BSO	**14**		19 01.1	-37 03	Cra	12.8	6.6	6.8	281	378
	M 102 JM 35x 1 ge bl									
ADS	**11964**		19 01.4	+46 56	Lyr	43.7	5.1	10.6	281	83
	S 200 HM 154 1									
16Lyr										
ADS	**12007**		19 05.0	-04 02	Aql	38.8	5.5	7.2	209	251
	R 60 PA 14x 1 ge ge					R 102 DS 67x 1				
	M 127 JM 50x 1 ge ws					S 200 HM 48x 1			ge ge	
	N 200 GK 44x 1 ws ws					M 228 GI 124 1			ge rt	
15Aql										
ADS	**12026**	AB	19 05.4	+13 52	Aql	6.5	3.0	12.0	53	206
	S 200 HM 95x 1 ge									
Z 17Aql										
ADS	**12037**		19 06.4	+07 09	Aql	8	7.2	7.9	291	206
Σ 2449	N 200 GK 57x 1 ws ws									
ADS	**12061**	AF	19 07.4	+32 30	Lyr	159.7	5.0	8.9	354	118
Σ 2461	N 153 TR 324 1					S 200 HM 47x 1				
17Lyr										
ADS	**12061**	AD	19 07.4	+32 30	Lyr	131.8	5.0	9.2	293	118
Σ 2461	N 153 TR 324 1					S 200 HM 47x 1				
17Lyr										
ADS	**12061**	AB	19 07.4	+32 30	Lyr	3.5	5.3	9.1	301	118
Σ 2461	R 80 MC 240 1 ge ge					N 153 TR 216 1				
	S 200 HM 47x 1									
17Lyr										
ADS	**12093**		19 08.7	+34 45	Lyr	13.7	6.6	8.6	269	118
Σ 2470	B 100 JM 25x 1 ws ws									
ADS	**12101**		19 09.1	+34 35	Lyr	16.2	6.5	8.6	262	118
Σ 2474	B 100 JM 25x 1 ws ws									
ADS	**12197**	AB	19 13.8	+39 09	Lyr	28.3	4.4	8.6	81	83
Σ 2487	R 60 TR 216 1					N 153 TR 52x 1				
η 20Lyr										

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**12289**	AB	19 18.5	+01 04	Aql	2.9	5.3	9.3	4	251
Σ 2492	S 200 HM 154 1 ge									
23Aql										
WDS	**19203**		19 20.3	+00 56	Aql	8.2	9.8	10.0	21	251
	S 200 HM 154 1 ws ws									
+0056										
DUN	**226**		19 22.6	-44 27	Sgr	28.3	4.3	7.4	77	41
	S 125 FB 50x 1 bl ws									
β Sgr										
ADS	**481**		19 24.4	+16 55	Sge	340	6.0	6.8	78	206
Σ 41	R 80 GK 37x 1 h ws ws									
2Sge										
WDS	**19255**	AB	19 25.5	+03 07	Aql	108.9	3.4	10.9	271	251
	S 200 HM 95x 1 ws									
30Aql										
+0307										
ADS	**12540**		19 30.7	+27 58	Cyg	35	3.2	5.4	54	118
Σ 43	B 50 GG 10x 2 or bl					B 50 CF 10x 1			or bl	
	R 60 TR 36x 1					R 60 PA 14x 1			or bl	
	R 60 DS 45x 1 or bl					R 60 DK 39x 1			or bl	
	B 60 DK 20x 1 ge bl					R 75 AT 25x 1			ge bl	
	R 90 TJ 56x 1 u or bl					N 105 JM 73x 1			ge bl	
	S 200 HM 95x 1 ge bl					S 200 HM 48x 1			ge bl	
	N 200 GK 33x 1 or bl					M 228 GI 78x 1			or bl	
β 6Cyg										
Albireo										
HIP	**96142**		19 32.9	+07 24	Aql	9.0	9.1	12.5	276	207
	S 200 HM 47x 3									
Fox 244										
ADS	**12607**	AE	19 34.1	+07 23	Aql	177.5	4.6	9.7	69	207
	S 200 HM 95x 1									
M 38Aql										
ADS	**12693**	AB	19 37.3	+16 27	Sge	88.8	5.7	8.0	82	162
	M 127 JM 47x 1 ws ws									
E 4Sge										
ADS	**12725**	AB	19 38.9	-10 20	Aql	20.8	8.3	8.7	331	297
Σ 2547	M 127 JM 115 1									
ADS	**12750**		19 39.4	+16 34	Sge	28.2	6.4	9.5	302	207
	M 127 JM 115 1 ge bl					N 317 TJ 89x 1			or gn	
ADS	**12815**		19 41.8	+50 31	Cyg	39	6.3	6.4	133	55
Σ 46	R 60 DS 45x 1 h ws ws					R 60 DK 39x 1			h ge ge	
	B 60 DK 20x 1 h ws ws					R 102 DS 40x 1			h	
	N 105 JM 14x 1 ws ws					N 114 DK 83x 1			h ge ge	
	S 203 PK 60x 1 h ws ws					M 228 GI 78x 1			u ws ws	
16Cyg										
WDS	**19449**	AC	19 44.9	+10 47	Aql	4.1		9.5	277	207
Σ 2570	S 200 HM 95x 1 ws									
+1047										

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**12880**	AB	19 45.0	+45 08	Cyg	2.5	2.9	7.9	229	84
Σ 2579	R 60 TR 72x 1					R 75 AT 100 3				
	R 80 MC 240 1				ge ge	R 152 CN 91x 1			ws ge	
	M 228 GI 258 1				ws ge					
δ 18Cyg										
			19 46.3	+10 36	Aql	132.6	2.8	10.8	258	207
	S 200 HM 154 1				ge					
Γ 50Aql										
WDS	**19463**	AB	19 46.3	+10 35	Aql	4.7	9.6	9.7	29	207
	S 200 HM 95x 1									
+1035										
ADS	**12913**	AB	19 46.4	+33 44	Cyg	26	5.0	9.2	69	119
Σ 2580	M 127 JM 50x 1									
17Cyg										
WDS	**19479**		19 47.9	+10 02	Aql	49.9	8.0	9.3	294	207
	S 200 HM 95x 1				ws ge					
+1002										
ADS	**12962**	AB	19 48.7	+11 49	Aql	1.4	6.1	6.9	108	207
Σ 2583	S 127 JM 254 1					R 152 CN 152 1			ge ge	
	M 228 GI 326 1				ge bl	M 228 GI 182 2				
π Aql										
ADS	**13009**	AB	19 50.7	+08 51	Aql	165.2	0.9	9.6	301	207
Σ 10	S 200 HM 95x 1									
A 53Aql										
Atair										
			19 54.6	-08 14	Aql	35.7	5.7	6.5	170	297
Σ 2594	R 60 PA 14x 1				bl bl	M 127 JM 50x 1			ws bl	
	M 228 GI 78x 1				ws ws					
57Aql										
ADS	**13110**	AC	19 55.3	+06 24	Aql	175	3.9	10.5	348	207
OΣ 532	S 200 HM 154 3				ge					
B 60Aql										
ADS	**13148**	AB	19 55.6	+52 26	Cyg	3.1	4.9	7.4	176	55
Σ 2605	R 80 MC 171 1				ws ws	R 152 CN 110 1			ws ws	
	M 228 GI 326 1				ws rt					
ψ 24Cyg										
ADS	**13182**		19 58.2	+16 29	Sge	127.9	6.8	10.2	279	207
	R 80 GK 103 1				ws ws					
ADS	**13277**		20 02.0	+24 55	Vul	0.9	5.9	6.3	120	163
	R 152 CN 196 1				ge ge					
16Vul										
			20 02.3	+64 37	Dra	98.2	6.6	8.7	336	32
	N 200 GK 103 1				ws ws					
65Dra										
ADS	**13312**	AC	20 03.5	+36 01	Cyg	42.5	6.8	9.1	327	119
Σ 2624	B 100 JM 25x 1				ws ws					

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
			20 04.1	+17 05	Sge	213	5.8	6.8	333	163
	R 60 PA 14x 1				ws bl	M 228 GI 182 1			u	ws ws
15Sge										
WDS	**20084**		20 08.4	+38 08	Cyg	43.6	8.0	8.6	228	84
	M 127 JM 47x 1				ws ws					
+3808										
WDS	**20113**		20 11.3	-00 08	Aql	55.3	7.08	7.93	206	253
	B 100 JM 25x 1				ws ws					
-0008										
ADS	**13475**		20 11.5	-06 09	Aql	120.5	8.6	9.2	63	298
	R 80 GK 37x 1				ws ws					
WDS	**20133**		20 13.3	-00 41	Aql	16.8	10.5	11.2	268	253
	S 200 HM 154 3									
-0041										
ADS	**13554**		20 13.6	+46 44	Cyg	107	3.8	6.9	173	84
Σ 50	M 228 GI 78x 1				or ws	N 254 JM 181 1				
o 31Cyg										
			20 14.5	+36 48	Cyg	212	5.0	6.6	153	119
	M 228 GI 78x 1				ws ge					
29Cyg										
ADS	**13645**		20 18.0	-12 32	Cap	6.6	3.8	11.2	172	298
	R 50 JM 8x 1				ge ge	R 80 GK 37x 1				ge ge
	M 228 GI 326 3									
α Cap2										
ADS	**13645**	AD	20 18.0	-12 32	Cap	154.6	3.8	9.5	157	298
	R 80 GK 37x 1				ws bl					
ADS	**13645**	AE	20 18.4	-12 30	Cap	378	3.8	4.2	291	298
Σ 51	A 7 AV 1x 1					A 8 GG 1x 1				ge ge
	M 228 GI 78x 1				ws rt					
α Cap1										
ADS	**13675**		20 19.4	-19 07	Cap	56.5	5.5	9.0	179	343
	B 100 JM 25x 1				ws ws					
Σ 7Cap										
			20 19.7	+41 08	Cyg	45.5	7.0	8.8	319	84
OΣ 205	B 100 JM 25x 1				ws ws					
ADS	**616**		20 21.0	-14 47	Cap	205.3	3.1	6.2	267	298
Σ 52	R 50 JM 8x 1				ge ge	R 80 GK 51x 1				ws ws
B Cap										
			20 21.0	-14 47	Cap	397.6	6.2	9.0	111	298
Σ 52	R 80 GK 37x 1				ge ws	B 100 JM 25x 1				ws ws
B Cap1										
		AC	20 21.0	-14 47	Cap	226.6	3.4	9.0	134	298
Σ 52	R 80 GK 37x 1				ge bl	B 100 JM 25x 1				ge ws
B Cap1										

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
WDS	**20238**	AC	20 23.8	+38 30	Cyg	66.2	8.5	8.9	296	120
		S 200 HM 48x 1 ws ws								

+3830

ADS	**13860**	AB	20 27.3	-18 12	Cap	3.4	5.2	8.8	147	298
		R 80 GK 194 1 ws ws								
Π	Cap									
			20 27.9	+81 26	Dra	197	5.5	6.7	282	13
		R 60 PA 14x 1 ws ws B 100 JM 25x 1 ws ws								
	75Dra									
ADS	**13887**	AD	20 28.9	-17 49	Cap	249.5	5.0	6.7	150	298
		R 80 GK 37x 1 ws ws B 100 JM 25x 1 ws ws								
P	11Cap									
		AB	20 29.5	+81 04	Dra	214.4	6.1	9.3	39	13
		B 100 JM 25x 1 ws ws								
	74Dra									
ADS	**13902**		20 29.9	-18 35	Cap	18.9	6.1	6.6	239	298
		R 80 GK 37x 1 h ws ws B 100 JM 25x 1 ws ws								
O	12Cap									
ADS	**13920**	AB	20 30.3	+10 54	Del	0.9	6.2	8.2	349	208
		M 150 PI 250 1 S 200 HM 222 3								
	1Del									
			20 31.2	+11 16	Del	17.1	7.1	7.3	256	208
Σ	2690	S 200 HM 94x 1 bl bl								
ADS	**13932**		20 31.2	+49 13	Cyg	257	5.4	6.6		85
		M 228 GI 78x 1 ge ws								
ω	46Cyg									
		AB	20 36.8	+14 44	Del	25.3	9.1	9.1	290	209
Σ	2703	S 200 HM 95x 1 ws ws								
ADS	**14073**	AB	20 37.5	+14 36	Del	42	4.0	11.0	323	209
		S 200 HM 95x 1 ws								
B	6Del									
		AB	20 37.6	+31 34	Cyg	180.8	6.9	7.0	176	120
Σ	53	B 100 JM 25x 1 ws ws								
ADS	**14106**	AB	20 39.0	+15 50	Del	6.8	5.9	12.4	159	209
		S 200 HM 95x 1 S 200 HM 154 1								
ADS	**14101**	AB	20 39.1	+10 05	Del	34.7	5.2	11.8	282	209
OΣ	533	S 200 HM 47x 1 ge ws								
K	7Del									
ADS	**14121**		20 39.6	+15 55	Del	54.5	3.8	12.6	303	209
		S 200 HM 154 1 ws								
A	9Del									
BU 298										

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	**14270**		20 46.2	+15 53	Del	5.9	7.5	8.2	10	209
Σ	2725	S 200 HM 154 1 ge ge S 200 HM 48x 1 h u ws ws								
ADS	**14279**		20 46.7	+16 07	Del	9.6	4.5	5.5	268	209
Σ	2727	R 60 PA 42x 1 ge ws R 60 DK 39x 1 ge ws								
		N 114 GG 100 1 ge ge N 114 DK 83x 1 ge ws								
		R 152 CN 34x 1 ge ws S 200 HM 154 1 ge								
		S 200 HM 48x 1 h u ws ws M 228 GI 124 1 ge ge								
		N 254 JM 42x 1 bl ge N 317 TJ 89x 1 ge gn								
γ	12Del									
			20 47.4	+36 49	Cyg	0.9	4.8	6.1		120
		M 228 GI 326 1 ws ws								
λ	54Cyg									
ADS	**14299**	AB	20 48.4	-18 11	Cap	15.6	6.7	8.6	294	299
		R 80 GK 37x 1 ws ws								
		AC	20 49.7	+12 32	Del	108	6.0	11.2	82	209
		S 200 HM 47x 1								
	15Del									
ADS	**14340**		20 49.9	+12 55	Del	9.3	9.0	9.5	247	209
		S 200 HM 47x 1 ws								
ADS	**14360**	AD	20 51.4	-05 37	Aqr	131.3	6.0	9.4	329	254
Σ	2729	M 228 GI 326 2 ge ge								
	4Aqr									
ADS	**14360**	AC	20 54.4	-05 37	Aqr	72.7	6.0	12.9	313	254
Σ	2729	M 228 GI 326 2 ge bl								
	4Aqr									
ADS	**14453**		20 56.8	+13 00	Del	5.1	8.2	10.1	218	209
Σ	2736	S 200 HM 95x 1 ws								
		AB	20 58.4	+10 52	Del	198.2	5.48	10.2	161	209
		S 200 HM 47x 1								
	18Del									
			20 59.1	+04 17	Equ	10.7	5.8	7.1	68	254
		R 60 PA 42x 1 ws ws R 127 BU 117 1 ws ws								
		R 152 CN 34x 1 ws ws								
ε	Equ									
ADS	**14575**		21 02.2	+56 39	Cep	1.7	6.1	7.1	354	56
Σ	2751	M 127 JM 300 1 ws ws								
			21 03.9	+41 37	Cyg	107.3	8.7	12.9	242	85
OΣ	214	N 254 JM 42x 1 ws ws								
ADS	**14592**		21 04.1	-05 49.0	Aqr	2.5	5.9	7.3	194	300
Σ	2745	R 152 CN 152 1 ge ws								
	12Aqr									

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	14636	AB	21 06.9	+38 45	Cyg	30	5.2	6.0	149	121
Σ 2758		M 102 JM 44x 1				M 102 JM 44x 1				
		N 114 DK 83x 1			or or	R 127 BU 91x 1			ge ge	
		M 228 GI 148 1			or or	N 317 TJ 230 1			h ge ge	
61Cyg										
ADS	14702	AB	21 10.4	+10 08	Equ	1.9	4.8	11.6	268	210
		S 200 HM 222 3								
Γ 5Equ										
			21 12.9	+30 13	Cyg	66.9	3.4	11.6	204	121
		R 152 CN 152 1			ws ws					
Z Cyg										
ADS	14847	AB	21 19.8	-26 20	Cap	2.6	6.6	9.5	261	345
		R 80 GK 194 1			ws					
ADS	15032		21 28.6	+70 33	Cep	13.6	3.2	8.0	250	33
Σ 2806		R 60 PA 57x 1			bl ws	M 228 GI 78x 1			ws ws	
β Cep										
ADS	15270	AB	21 44.1	+28 44	Cyg	2.1	4.7	6.1	298	122
Σ 2822		M 228 GI 182 1			ge ge					
μ Cyg										
ADS	15270	BD	21 44.1	+28 44	Cyg	204.7	6.1	6.9	53	122
Σ 2822		M 228 GI 182 1			ge ws					
μ Cyg										
ADS	15270	AC	21 44.1	+28 44	Cyg	61.3	4.7	11.5	285	122
Σ 2822		M 228 GI 182 1			ge ge					
μ Cyg										
ADS	15270	AD	21 44.1	+28 44	Cyg	10.9	4.7	6.9	52	122
Σ 2822		M 228 GI 182 1			ge ws					
μ Cyg										
ADS	15600		22 03.8	+64 38	Cep	8.5	4.6	6.5	275	39
Σ 2863		R 60 DK 39x 1			ws ws	M 228 GI 124 1			ws ge	
		N 317 TJ 53x 1			ws ws					
ξ Cep										
ADS	15753	AB	22 14.3	-21 04	Aqr	5.1	5.7	7.2	113	347
		M 228 GI 78x 1			or bl					
41Aqr										
ADS	15785		22 15.1	+49 52	Lac	73	8.6	9.7	278	57
Σ 2890		M 228 GI 78x 1		u	ws ws					
ADS	15972		22 28.1	+57 42	Cep		11.8	13.8		57
		N 317 TJ 230 1			or or					
ADS	15971		22 28.8	-00 01	Aqr	1.8	4.4	4.6	217	257
Σ 2909		M 102 JM 175 1		h		M 127 JM 115 1			h ws ws	
		M 127 JM 115 1				R 152 CN 76x 1			ge ge	
		M 228 GI 182 1			ge or					
ζ Aqr										

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
ADS	15987		22 29.1	+58 24	Cep	41	4.v	6.3	191	57
		R 60 PA 42x 1			ws bl	R 60 DK 39x 1			ws bl	
		R 90 GI 59x 1			ws bl	M 127 JM 38x 1			ws bl	
		M 228 GI 78x 1			ge bl	M 228 GI 124 1			ws bl	
		N 317 TJ 53x 1			ws bl					
δ 27Cep										
			22 31.5	-32 21	PsA	30.3	4.4	7.9	172	384
		B 100 JM 25x 1			ws ge					
B 17PsA										
ADS	16069	AB	22 34.6	+04 13	Peg	13.6	8.1	9.2	143	257
Σ 2920		N 254 JM 39x 1			ws or					
ADS	16095	BC	22 35.8	+39 38	Lac	28.1	6.6	10.3	154	87
Σ 2922		M 228 GI 182 1			ws ws					
8Lac										
ADS	16095	AB	22 35.8	+39 38	Lac	22.4	6.6	6.8	185	87
Σ 2922		M 127 JM 50x 1			ws ws	M 228 GI 182 1			ws ws	
8Lac										
ADS	16260		22 46.1	+58 04	Cep	30.9	8.0	9.0	117	58
OΣ 480		N 200 GK 57x 1		u	ws bl					
ADS	16268		22 47.7	-14 03	Aqr	22.6	5.8	9.0	122	303
Σ 2943		M 127 JM 115 1			ws ws	M 228 GI 78x 1			bl rt	
τ Aqr1										
			22 58.5	+12 03	Peg	84.7	9.0	9.1	161	213
OΣ 241		B 100 JM 25x 1			ws ws					
ADS	16483	AC	23 03.7	28 04	peg	253.1	2.6	9.6	98	123
		S 200 HM 47x 1			ge ws					
B 53Peg										
HO	194		23 06.2	+41 47	And	0.4	7.3		55	88
		N 200 GK 170 1		h	ws ws					
GSC	116797		23 12.0	+12 33	Peg	26.7	9.96	10.0	344	214
		N 254 JM 98x 1			ws ws					
ADS	16666	AB	23 18.6	+68 06	Cep	3.2	5.0	7.6	216	34
Σ 3001		M 228 GI 124 1			ge ws					
o 34Cep										
ADS	16672		23 19.1	-13 27	Aqr	12.6	5.1	7.5	350	304
Σ 2998		M 127 JM 115 1			ws ws	M 228 GI 78x 1			ge rt	
94Aqr										
ADS	16735		23 24.4	+14 28	Peg	107.6	8.1	11.1	106	214
		R 80 GK 50x 1			ws ws					

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Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran
WDS	**23259**		23 25.9	+42 41	And	17.3	9.9	10.2	121	88
		S 200 HM 95x 1 ws ws								
+4241										
ADS	**16775**	AB	23 27.7	+74 07	Cep	1.4	7.5	8.6	22	3
Σ 3017		R 63 KV 120 3								
ADS	**16957**		23 44.0	+29 22	Peg	1	5.0	8.1	235	122
		M 228 GI 326 1 ge ge								
78Peg										
ADS	**16979**		23 46.0	-18 40	Aqr	6.6	5.8	6.8	136	260
		M 127 JM 115 1 ws ws M 228 GI 124 1 ge rt								
107Aqr										
ADS	**17114**	AC	23 56.9	+55 50	Cas	77.2	7.0	12.1	357	35
		S 200 HM 154 1 ws								
ADS	**17140**	AB	23 59.0	+55 45	Cas	3.1	5.0	7.1	327	35
Σ 3049		M 127 JM 214 1 ws ws M 228 GI 182 1 bl rt								
σ Cas										
ADS	**17149**		23 59.5	+33 43	And	1.7	6.5	6.7	322	89
Σ 3050		R 80 MC 240 1 h ws ws								

Kat	Nr.	AB	RA.	Dec	Con	Dist.	Mag	Mag2	PA	Uran

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
LDN	**1455**	4	02 55 52.0	+19 31 48	Ari	31		130
N 320 PI 45x 6m5 3								
LDN	**1476**	3	04 23 20.0	+37 07 12	Per	126		96
N 320 PI 45x 6m3 3								
LDN	**1477**	1	04 38 24.0	+39 36 00	Per	74		65
N 320 PI 45x 6m3 3								
LDN	**1525**	6	04 39 04.0	+26 15 36	Tau	6		134
N 320 PI 45x 6m3 4								
LDN	**1488**	4	04 52 01.0	+35 40 12	Aur	16		96
N 320 PI 45x 6m3 3								
LDB	**1475**	4	05 03 36.0	+44 04 12	Aur	32		65
N 320 PI 45x 6m3 3								
LDN	**1510**	6	05 03 47.0	+32 47 24	Aur	8		97
N 320 PI 45x 6m5 3								
B	**33**	4	05 40.9	-02 28	Ori	6		225
M 100 GM 25x 5m9 7 H-ß				R 120 RS 102x 6m0 5-6 H-ß				
R 152 TE 30x 6m7 4 H-ß				S 200 DK 67x 5m5 5 UHC				
N 200 HZ 80x 6m0 4-5 H-ß				N 203 RH 48x 6m5 3 H-ß				
N 203 KV 30x 6m0 5 H-ß				N 203 KV 30x 6m5 4 UHC				
N 254 GM 47x 5m9 3 H-ß				S 280 RS 6m0 5 UHC				
S 280 FD 93x 5m6 5 H-ß				N 300 HT 150x 6m5 3 H-ß				
N 300 GM 45x 5m9 5 H-ß				N 317 WK 75x 6m0 4 H-ß				
N 317 KV 62x 5m0 4 H-ß				N 320 PI 55x 6m8 2 H-ß				
N 333 PA 50x 5m5 4 f H-ß				N 460 RS 58x 6m0 3 s H-ß				
N 1E+03 PI 155x 6m5 1 H-ß								
B	**34**		05 43.5	+32 40.0	Aur	20		98
N 320 PI 45x 6m3 3								
B	**35**	5 E	05 45.5	+09 03	Ori	20.0		181
N 250 SB 74x 5m1 3								
LDN	**1555**	3	06 06 11.0	+29 59 24	Aur	61		98
N 320 PI 45x 6m5 3								
LDN	**1622**	2	06 12 36.0	+02 59 24	Ori	110		227
N 320 PI 58x 6m3 4								
B	**59**	5	17 11.1	-27 23	Oph	60		337
A 6 FB 1x 6m6 4				B 50 TJ 7x 5m0 3				
B 50 FB 15x 6m6 2				R 120 RS 25x 6m0 3				
B	**256**	5	17 12.2	-28 51	Oph	50		337
R 80 KV 15x 6m0 3-4								
B	**250**	5	17 13.1	-28 21	Oph	15		337
R 80 KV 15x 6m0 4-5								
B	**64**	6	17 17.2	-18 32	Oph	20		337
N 317 TJ 62x 4m5 3-4								
B	**65**	6	17 19.6	-26.43	Oph			338
A 6 FB 1x 6m6 4				B 50 TJ 7x 5m0 3				
B 50 FB 15x 6m6 2				B 70 RS 10x 6m0 1-2				
R 120 RS 25x 6m0 2								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
B	**67**	6	17 21.0	-26.52	Oph			338
A 6 FB 1x 6m6 4				R 50 TJ 7x 5m0 3				
B 50 FB 15x 6m6 2				B 70 RS 10x 6m0 1-2				
R 120 RS 25x 6m0 2								
B	**68**	6	17 22.6	-23.44	Oph	4		338
S 125 FB 31x 6m6 4				N 200 KV 75x 6m5 3-4				
N 317 TJ 53x 4m5 5-6								
B	**69**	6	17 22.9	-23 53	Oph	4.0		338
S 125 FB 31x 6m6 4				N 200 KV 75x 6m5 4				
B	**72**	6	17 23.5	-23 38	Oph	4		338
R 120 RS 25x 6m0 4				S 125 FB 31x 5m7 4				
N 200 KV 75x 6m5 4				N 317 TJ 62x 6m0 7				
N 317 TJ 53x 4m5 7								
B	**70**	4	17 23.5	-23 58	Oph	4.0		338
S 125 FB 31x 6m6 4				N 200 KV 75x 6m5 5				
B	**66**	6	17 26.0	-26.54	Oph	8		338
A 6 FB 1x 6m6 4				B 50 TJ 7x 5m0 3				
B 50 FB 15x 6m6 2				B 70 RS 10x 6m0 1-5				
R 120 RS 25x 6m0 2								
B	**268**	5	17 32.0	-20 32	Oph	120		338
R 80 KV 10x 6m0 3								
B	**78**	5	17 33:	-26:	Oph	200		338
A 6 FB 1x 6m6 4				B 50 FB 15x 6m6 2				
R 120 RS 25x 6m0 3								
B	**276**	6	17 39.5	-19 47	Oph	50		338
R 80 KV 10x 6m0 3-4								
B	**283**		17 51.3	-33 53.0	Sco	90		377
N 105 JM 34x 6m5 2-3								
B	**84 A**	5	17 57.5	-17 40	Sgr	16		294
B 70 RS 10x 6m0 2				R 80 KV 10x 6m0 3				
B	**85**		18 02.6	-23 02	Sgr			339
R 120 RS 25x 6m0 1-2 UHC				N 200 GK 57x 5m8 2				
N 400 CF 68x 5m0 2								
B	**86**	5	18 03.0	-27 53	Sgr	5		339
B 100 RS 20x 5m0 2				S 125 FB 74x 5m9 2				
N 200 DP 100x 5m0 4				N 317 TJ 230x 4m5 3				
N 317 TJ 230x 4m0 3								
B	**296**		18 04.1	-24 32	Sgr	6		339
R 120 RS 25x 6m0 1-2 UHC								
B	**88**		18 04.6	-24 08	Sgr	2.7		339
R 120 RS 25x 6m0 2-3 UHC								
B	**89**		18 05.0	-24 22	Sgr	0.5		339
R 120 RS 25x 6m0 2 UHC								
B	**303**	5	18 09.2	-24 07	Sgr	1		339
R 120 RS 25x 6m0 3 UHC								
B	**91**	5	18 10.1	-23 42	Sgr	5		339
R 120 RS 25x 6m0 2				R 120 RS 25x 6m0 3 UHC				

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
B	**92**	6	18 15.5	-18 14	Sgr	15		339
B 70 DP 10x 6m0 2-3				B 100 RS 20x 6m5 1-2				
B 100 CF 20x 6m0 2				R 120 CF 23x 5m5 3				
S 125 FB 31x 5m9 2				S 200 PE 70x 5m0 2				
N 200 DP 36x 6m9 2				N 250 SB 66x 6m5 2				
N 300 HT 90x 6m7 1				N 317 TJ 62x 5m0 3				
B	**93**	4	18 16.9	-18 04	Sgr	12		339
B 100 RS 20x 6m5 1-2				B 100 CF 20x 6m0 2				
R 120 CF 23x 5m5 3				S 125 FB 31x 5m9 2				
S 200 PE 70x 5m0 3				N 200 DP 36x 6m9 2				
N 250 SB 66x 6m5 2				N 300 HT 90x 6m7 1				
N 317 TJ 62x 4m5 3								
B	**95**	5	18 25.6	-11 45	Sct	30		295
B 70 DP 10x 5m5 3				R 80 KV 10x 6m5 2-3				
B	**97**	4	18 29.1	-09 56	Sct	50		295
R 80 KV 10x 6m5 1								
B	**312**	4	18 30.9	-15 08	Sct	100		295
R 80 KV 10x 6m5 2								
B	**314**	5	18 37.7	-09 37	Sct	35		295
B 70 RS 10x 6m0 2								
B	**103**	6	18 39.4	-06 41	Sct	40		295
B 30 KH 8x 5m9 3				B 50 PE 10x 5m5 1				
B 70 RS 10x 6m0 1-2				R 80 KV 10x 6m5 1				
B 80 TJ 15x 4m5 3				B 100 RS 20x 6m0 1				
N 200 DP 36x 6m9 2				N 317 TJ 62x 5m0 3				
B	**104**	5	18 47.3	-04 32	Sct	16		295
B 100 RS 20x 6m0 3								
B	**108**	3	18 49.6	-06 19	Sct	3		295
N 200 KV 75x 6m0 3								
B	**318**	2	18 49.7	-06 24	Sct	90		295
R 120 RS 25x 6m0 4-5				N 200 KV 48x 6m0 7				
B	**110**	6	18 50.1	-04 48	Sct	11		250
B 100 RS 20x 6m5 1				S 250 FB 78x 5m6 3				
B	**111**	3	18 50.6	-04.57	Sct	120		295
A 8 PE 1x 5m5 3				B 30 KH 8x 5m9 3				
B 50 PE 10x 5m5 1				R 80 KV 10x 6m5 2				
B 100 RS 20x 6m5 1								
B	**112**	4	18 51.2	-06 40	Sct	20		295
R 120 RS 25x 6m0 2-3				S 200 PE 49x 5m5 4				
N 200 KV 48x 6m0 4				N 317 TJ 53x 5m5 3				
N 368 RV 80x 5m2 3								
B	**113**	5	18 51.4	-04 19	Sct	11		250
B 100 RS 20x 6m5 1								
LDN	**582**	5	18 52.6	-01 56	Aql	50		250
R 80 KV 10x 6m5 3				B 100 RS 20x 6m5 2				
B	**114**	5	18 53.2	-06 58	Sct	6		95
B 100 CF 20x 6m0 3-4				R 120 RS 25x 6m0 2-3				
S 200 PE 49x 5m5 4				N 200 KV 75x 6m0 4				
N 317 TJ 53x 5m5 3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
B	**115**	5	18 53.3	-06 40	Sct	7		295
R 120 RS 25x 6m0 2				N 317 TJ 53x 5m5 3				
B	**116**	3	18 53.5	-07 12	Sct			295
R 120 RS 25x 6m0 2-3				N 200 KV 75x 6m0 4-5				
B	**117**		18 53.7	-04 51	Sct	7		251
B 50 PE 10x 5m5 2				B 100 RS 20x 6m5 2				
R 120 RS 25x 6m0 4								
B	**118**	6	18 54.0	-07 27	Sct	2		295
R 120 RS 25x 6m0 4								
B	**119**	3	18 54.7	-07 11	Sct	3		251
B 50 PE 10x 5m5 2				R 80 KV 10x 6m5 4				
B 100 RS 20x 6m5 2								
LDN	**617**	5	18 57.5	+01 04	Aql	180		251
R 80 KV 10x 6m5 3-4				B 100 RS 20x 6m5 3				
B	**127**	5	19 01.6	-05 28	Aql	4.5		296
B 100 RS 20x 6m5 2-3								
B	**130**	5	19 01.9	-05 34	Aql	7		296
B 100 RS 20x 6m5 2-3								
B	**129**	5	19 02.1	-05 19	Aql	5		296
B 100 RS 20x 6m5 2-3								
B	**132**	6	19 04.0	-04 25	Aql	16		251
B 100 RS 20x 6m5 3								
B	**328**	6	19 04.8	+04 14	Aql	4		251
B 100 RS 20x 6m5 7								
LDN	**667**	3	19 05 20.0	+12 04 48	Aql	97		206
N 320 PI 45x 6m0 3			O-3					
B	**133**	6	19 06.1	-06 53	Aql	10		296
B 100 RS 20x 6m0 1-2				M 228 GI 124x 5m1 2				DSF
S 250 FB 78x 5m9 2				N 317 TJ 53x 5m5 3				
B	**134**	6	19 06.7	-06 10	Aql	6		296
B 100 RS 20x 6m0 2								
B	**135**	6	19 07.4	-03 56	Aql	13		251
R 80 KV 10x 6m5 7				B 100 RS 20x 6m5 3-4				
B	**136**	6	19 08.8	-04 00	Aql	8		251
R 80 KV 10x 6m5 7				B 100 RS 20x 6m5 7				
B	**139**	5	19 18.1	-01 28	Aql	10		251
R 120 RS 64x 5m5 4								
B	**330**		19 19.9	+07 31	Aql			206
N 368 RV 80x 5m0 1-2								
B	**334**	4	19 35.1	+12 19	Aql	3		207
B 100 RS 20x 6m5 2-3				B 100 CF 20x 6m0 2				
B	**336**	5	19 36.7	+12 21	Aql	2		207
B 100 CF 20x 6m0 3								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
B	**337**	4	19 36.8	+12 27	Aql			207
B 100 RS 20x 6m5 2				B 100 CF 20x 6m0 2				
M 228 GI 78x 4m8 6 DSF								
B	**142**	6	19 41.0	+10 31	Aql	40		207
B 21 RH 8x 6m2 2-3				B 60 DK 20x 6m0 2				
B 60 SB 20x 5m3 3				B 63 AV 9x 5m4 2-3				
R 80 HZ 17x 6m5 2-3				B 100 RS 20x 6m5 1 s				
N 368 RV 80x 5m0 3								
B	**143**	6	19 41.4	+11 01	Aql			207
B 21 RH 8x 6m2 2-3				R 30 PI 6x 6m 3 s				
B 50 WD 7x 6m5 2				B 50 PE 10x 5m5 4				
B 60 DK 20x 6m0 2 s				B 60 SB 20x 5m3 2				
B 63 MS 9x 5m0 2				B 63 AV 9x 5m4 2-3				
R 80 HZ 17x 6m5 2-3				B 100 RS 20x 6m5 1 s				
N 150 WK 45x 6m4 3				M 150 PI 38x 6m 3				
M 228 GI 78x 5m1 1 DSF				N 317 TJ 62x 5m0 3				
B	**145**	4	20 02.8	+37 40	Cyg	35		119
B 70 CF 16x 6m3 3				B 100 RS 20x 6m0 2				
N 250 SB 66x 6m4 3				N 320 PI 36x 6m0 2				
B	**343**	5	20 13.5	+40 16	Cyg	13		84
B 100 RS 20x 6m5 4								
LDN	**889**	4	20 24.8	+40 10	Cyg	90		85
B 100 RS 20x 6m5 4								
B	**346**	6	20 26.7	+43 45	Cyg	10		85
B 100 RS 20x 6m5 5				N 200 KV 48x 6m0 4-5				
S 250 FB 96x 5m9 4				N 254 RV 70x 5m3 6				
B	**347**	5	20 28.4	+39 55	Cyg	10		85
R 80 DP 16x 5m0 4 UHC								
B	**350**	6	20 49.1	+45 53	Cyg	3		85
N 200 KV 75x 6m0 4-5				S 250 FB 96x 5m9 3				
N 254 RV 70x 5m3 6				N 320 PI 45x 5m7 3				
N 400 CF 68x 6m4 3								
B	**150**	5	20 50.6	+60 18	Cep	60		56
N 200 KV 30x 6m5 2								
LDN	**935**	4	20 56.8	+43 52	Cyg	150		85
B 50 CF 10x 5m6 3								
B	**352**	5	20 57.1	+45 54	Cyg	20		85
R 24 RH 6x 6m2 3				R 80 DP 16x 5m0 4				UHC
R 120 RS 25x 5m5 4				N 200 KV 48x 6m0 3				
N 317 TJ 89x 5m5 4				N 320 PI 36x 5m7 2				
N 400 CF 68x 6m4 2								
B	**353**		20 57.4	+45 29	Cyg	12		85
N 200 KV 48x 6m0 3				S 250 FB 63x 5m9 2				
N 400 CF 68x 6m4 1-2								
B	**361**	4	21 12.9	+47 22	Cyg	17		85
B 100 RS 20x 6m5 2				N 114 DK 25x 5m5 3				
N 140 RH 28x 5m9 1				N 150 GK 19x 5m5 2				
N 200 KV 48x 5m5 4				N 200 GK 33x 5m6 1				
N 250 SB 50x 5m1 2				N 400 CF 68x 6m4 3-4				
B	**152**	5	21 14.5	+61 45	Cep	15		33
B 200 KV 75x 6m5 6				N 320 PI 45x 6m5 4				
B	**362**	5	21 23.9	+50 10	Cyg	15		85
N 200 KV 48x 6m0 3-4				N 317 TJ 62x 6m0 4				
N 400 CF 68x 6m4 2-3								
B	**364**	5	21 33.6	+54 33	Cyg	40		57
N 200 KV 48x 6m5 4								
B	**157**	4	21 33.7	+54 40	Cyg	4		57
B 70 RS 10x 6m0 3-4				N 200 KV 75x 6m5 4				
B	**160**	4	21 38.0	+56 14	Cep	30		57
B 63 KV 9x 6m0 3								
B	**164**	5	21 46.5	+51 04	Cyg	12		57
N 200 KV 75x 6m5 3-4				N 400 CF 68x 6m4 3-4				
B	**168**	4	21 53.3	+47 12	Cyg	100		86
B 30 KH 8x 5m9 1				B 50 PI 10x 6m3 2				
B 50 TJ 7x 6m0 3				B 60 DK 20x 5m5 2				
B 63 MS 9x 5m0 2				R 80 DP 16x 5m0 2				
B 100 RS 20x 6m5 1 s				N 200 GK 33x 5m6 3				
N 200 DP 36x 5m0 3				N 317 TJ 66x 6m0 3				
N 320 PI 36x 5m7 2								
B	**170**	5	21 58.9	+58 45	Cep	26		57
B 80 TJ 15x 6m5 3				N 317 TJ 53x 6m5 3-4				
B	**171**	5	21 58.9	+58 45	Cep	19		57
N 200 KV 30x 6m5 4				N 200 DP 63x 6m9 3				
N 317 TJ 53x 6m5 3-4								
B	**169**	3	21 58.9	+58 47	Cep	60		57
N 200 KV 30x 6m5 4								
B	**174**	6	22 07.3	+59 05	Cep	19		57
N 200 KV 30x 6m5 4				N 200 DP 36x 6m9 3				
N 317 TJ 53x 6m5 3-4								
NGC	**104**	III	00 24 05.2	-72 04 51	Tuc	30.00	4.0	440
A 6 SK 1x 6m6 3				R 60 RH 69x 6m4 2				
N 155 SK 180x 6m6 1 a								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
G	1		00 32 46.5	+39 34 41	And		13.7	60

M	100	GM	103x	5m5	7			R	152	TE	133x	6m8	4		
S	254	TE	333x	6m3	3	f		N	300	GM	269x	5m8	3	n f	

G	72		00 40 52.8	+41 18 54	And	2.2"	15.0	60

N	300	GM	269x	5m8	3	n p									

Hub	44		00 40 52.9	+41 18 53	And		15.02	60

N	203	KV	200x	6m5	5										

G	73		00 40.9	+41 41	And		15.0	60

N	609	SK	525x	6m4	3	p									

G	87		00 41 14.7	+40 55 52	And	2.9"	15.6	60

N	609	SK	645x	6m4	4	f									

Hub	65		00 41 38.1	+41 20 51	And		15.8	60

N	203	KV	200x	6m5	4										

G	78		00 41.0	+41 14	And	3.2"	14.3	60

S	254	TE	333x	6m3	3										

Hub	42		00 41.0	+41 14	And	3.2"	14.3	60

N	203	KV	200x	6m5	4										

G	76		00 41.1	+40 36	And	3.6"	14.2	60

R	152	TE	133x	6m8	4			S	254	TE	333x	6m3	3	f	
N	609	SK	645x	6m4	3	f									

Hub	12		00 41.1	+40 36	And	3.6"	14.2	60

N	203	KV	200x	6m5	4										

Hub	64		00 43 14.4	+41 07 23	And		14.68	60

N	203	KV	200x	6m5	5										

Hub	30		00 43 30.6	+40 49 11	And		16.3	60

N	203	KV	200x	6m5	5										

G	213		00 43.2	+41 07	And	2.5"	14.7	60

R	152	TE	133x	6m8	5			S	254	TE	333x	6m3	4		

G	272		00 44.2	+41 19	And	3.4"	14.8	60

R	152	TE	133x	6m8	7			S	254	TE	333x	6m3	4		

G	280		00 44.5	+41 22	And	2.7"	14.2	60

R	152	TE	133x	6m8	5			S	254	TE	333x	6m3	3		

Hub	225		00 44.5	+41 22	And	2.7"	14.2	60

N	203	KV	200x	6m5	4										

NGC	288	X	00 52 47.5	-26 35 24	Scl	14.0	8.1	307

B	50	TJ	7x	5m0	4			R	80	HZ	17x	5m5	3-4	n	
B	80	HZ	30x	5m5	3-4			R	90	SG	38x		3		
N	114	SB	20x	5m1	5			S	125	FB	50x	6m5	3	a	
N	200	GK	119x	5m6	3			S	200	DK	148x	5m0	2-3	a	
N	200	KV	120x	4m5	1	a		N	200	HZ	80x		2-3	a	
S	203	PK	60x		3	a		S	250	FB	202x	5m4	3	a	
N	317	TE	176x	6m3	1-2	a									

NGC	362	III	01 03 14.3	-70 50 54	Tuc	12.90	6.4	441

R	60	RH	21x	6m4	2-3			N	155	SK	125x	6m6	1	a	

NGC	1261	II	03 12 15.3	-55 13 01	Hor	6.90	8.3	419

N	255	SK	200x	4m7	2	a									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Pal	1	XII	03 33.2	+79 35	Cep	1.8		5

N	500	CF	520x	6m8	6	a									

Pal	2	IX	04 46.1	+31 23	Aur	1.9		96

R	152	TE	75x	6m7	6			N	400	DP	62x	6m0	5-6		
N	500	CF	250x	6m8	5										

NGC	1851	II	05 14 06.3	-40 02 50	Col	11.0	7.1	358

B	50	FB	15x	6m1	3			S	125	FB	74x	6m1	3		
N	155	SK	125x	6m1	2	a									

M	79	V	05 24.5	-24 33	Lep	8.7	8.0	315

B	50	FB	15x	6m2	3	n		B	50	CF	10x	5m5	3	n	
B	50	KH	10x	5m	5			R	50	RS	8x	6m0	4		
R	60	RH	21x	7m0	2-3			B	80	PI	20x	5m0	3	n	
R	102	DS	100x	4m0	3	n		N	114	DK	83x	3m9	3	n	
S	125	FB	74x	5m5	3	a		R	130	BF	245x	6m0	1	a	
S	200	PE	110x	5m5	2	a		N	200	KV	120x	5m0	2	a	
N	200	XY	45x	4m5	2	n		N	200	DP	180x	5m5	3	n	
S	200	HM	95x	4m4	3			N	200	GK	91x	5m6	2		
M	228	GI	182x	4m8	3			N	250	SB	150x	5m0	2	n	
S	250	FB	167x	5m1	3	n		N	254	JM	181x	4m5	3	n	
S	280	FD	147x	5m6	3	n		N	317	TJ	230x	4m5	2	n	
N	333	PA	200x	4m0	2	n									

NGC	2298	VI	06 48 59.2	-36 00 19	Pup	6.8	9.3	360

S	125	FB	74x	5m5	3										

NGC	2419	II	07 38 08.5	+38 52 55	Lyn	4.1	10.4	100

N	114	DK	56x	4m7	4-5	n		M	150	PI	150x	5m0	5	n	
S	200	JL		4m0	4			N	200	KV	120x	6m0	3	n	
N	200	HZ	120x		2-3	n		M	228	GI	124x	4m9	5	n	
S	250	FB	125x	5m1	3	n		N	250	SB	100x	5m6	2	n	
N	254	JM	181x	4m5	4	n		N	317	TJ	230x	5m0	3	n	
N	318	DS	102x	5m8	2-3	n		N	609	SK	168x	6m1	2	a	

NGC	2808	I	09 12 02.6	-64 51 47	Car	13.80	6.2	448

R	60	RH	69x	7m0	2			N	304	PH	203x	5m2	1	a	

Pal	3	XII	10 05.5	+00 04	Sex	2.8	14.7	234

N	400	CF	240x	6m4	5-6	n		N	508	AS	140x	5m8	6		

NGC	3201	X	10 17.6	-46 25	Vel	18.2	6.8	399

B	30	BF	8x	5m	1	n		B	50	FB	15x	6m1	3		
S	125	FB	74x	6m1	2	a		R	130	BF	56x	5m	1	a	

Pal	4	XII	11 29.3	+28 58	UMa	2.1	14.2	106

S	254	TE	400x	6m5	6			N	317	WK	312x	6m2	6-7		

NGC	4147	VI	12 10 06.2	+18 32 31	Com	4.0	10.3	148

B	50	CF	10x	6m1	4-5			B	70	CF	16x	6m3	3-4		
B	80	PI	20x	6m5	3	n		B	80	HZ	30x	6m0	3	n	
S	125	FB	63x	5m6	2-3	n		S	200	PE	78x	5m5	2	n	
S	200	DK	148x	4m8	2	n		N	200	WK	75x	6m0	3	n	
N	200	HZ			3	n		N	200	DP	192x	5m0	3	n	
M	228	GI	78x	5m3	3	n		S	250	FB	96x	5m1	2-3		
N	250	SB	221x	6m3	3	n		N	317	TJ	216x	5m0	3	a	
N	400	CF	240x	6m3	2	a									

M	68	X	12 39.5	-26 45	Hya	12.0	8.2	329

B	50	FB	15x	6m1	2			B	50	CF	10x	5m4	3		
R	60	DK	39x	3m8	4	n		R	63	KV	34x	4m5	3		
B	80	PI	20x	5m	5			R	90	SG	38x	6m3	3	n	
N	105	JM	63x	6m5	3	n		N	114	RS	36x	5m5	2-3		
N	114	DK	56x	3m8	3-4	n		S	125	FB	50x	6m1	2		
S	125	FB	74x	5m8	2	n		N	200	DP	180x	5m5	4	n	
S	203	DS	203x	4m5	3	n		N	250	SB	150x	6m2	3	a	
N	255	SK	200x	6m5	2	a									

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4833	VIII	12 59 35.0	-70 52 29	Mus	13.50	6.9	451

R	100	PH	80x	4m5	2	n	N	304	PH	150x	4m8	2	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	53	V	13 12.9	+18 10	Com	13.0	7.7	285

B	30	KH	8x	5m6	3	n	B	50	CF	10x	6m3	2-3	n	
B	50	PE	10x	5m5	3	n	R	60	PA	28x	5m4	2	n	
R	63	KV	84x	5m0	2	n	B	70	GI	16x	5m1	2	n	
B	70	GI	16x	5m3	3	n	B	80	PI	20x	6m5	1	a	
R	90	GI	25x	5m3	3	n	R	90	SG	56x	4m9	3	a	
M	102	SD	125x	4m5	2	n	R	102	DS	50x	5m0	2	n	
N	105	JM	73x	5m	3	n	N	110	CW	54x	5m2	2	n	
N	114	SB	125x	5m1	2	n	N	114	DB	36x	5m5	1	a	
B	114	DK	111x	4m8	2	a	S	125	FB	83x	5m6	2		
M	150	PI	83x	5m7	3		N	200	DP	180x	5m0	3	a	
S	200	HM	48x	4m9	2		S	200	HL	77x		2	a	
S	200	JL		5m0	2	a	S	200	MS	200x	5m0	1		
S	200	PE	78x	5m5	1	a	N	200	GK	228x	5m6	2	a	
S	203	DS	102x	6m0	1	n	N	203	RH	120x	7m0	1		
S	250	FB	167x	5m1	2	a	N	250	SB	221x	5m2	2	a	
C	300	MW	190x	5m4	1	a	N	300	UN	167x	4m7	2	a	
N	300	UN	167x	4m7	1	n	N	317	TJ	230x	5m5	2	a	
N	318	DS	102x	5m1	1	a								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	5053	XI	13 16 27.0	+17 41 53	Com	11.0	9.5	150

B	80	HZ	30x	6m0	5	n	N	114	DK	56x	4m8	5	n	
N	114	DB	36x	5m5	5	n	S	200	PE	78x	5m5	4	a	
N	200	HZ	190x		4-5	a	N	203	RH	120x	7m0	3		
M	228	GI		5m3	7		S	250	FB	96x	4m9	5		
S	250	FB	96x	5m1	6		N	250	SB	74x	6m2	3	a	
N	255	SK	105x	6m0	5		N	317	TJ	66x	5m5	4	n	
N	320	PI	144x	6m3	3		N	400	DK	154x	5m5	3-4	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	5139	VIII	13 26.8	-47 29	Cen	36.3	3.7	403

A	5	GI	1x	5m3	3	n	A	6	FB	1x	6m3	2		
A	6	SK	1x	6m0	3	f	A	7	BF	1x	5m	1		
B	30	BF	8x	5m	1		B	50	FB	15x	6m3	1		
R	60	RH	69x	7m0	1		B	70	GI	16x	5m3	1	n	
M	90	GI	89x	5m8	1	t	R	100	PH	60x	4m5	1	a	
S	125	FB	50x	6m3	1		R	130	BF	56x	5m	1	a	
N	155	SK	125x	6m0	1	a	N	304	PH	100x	4m8	1	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	3	VI/VII	13 42.2	+28 23	CVn	16.0	6.4	110

A	7	BF	1x	7m2	4		B	30	KH	8x	5m6	2	n	
B	50	CF	10x	5m2	1	n	B	50	PA	10x	4m9	2	n	
R	60	PA	84x	4m9	2	n	R	63	KV	34x	5m5	1	n	
B	70	MC	25x	5m0	1	n	B	70	GI	16x	5m1	1	n	
B	70	GI	16x	5m3	3	n	B	80	PI	20x	6m	1		
B	80	WD	15x	5m0	2	n	R	90	SG	56x	4m9	1	a	
R	90	MM	59x	5m5	2-3	a	R	90	TJ	135x	5m0	2	a	
R	90	GI	40x	5m3	2	n	N	105	JM	73x	4m8	2	n	
N	114	SB	125x	5m1	2	n	N	114	RS	90x	5m5	1	a	
N	114	DK	111x	4m8	1-2	a	S	125	FB	74x	5m2	1	a	
R	130	BF	150x	6m4	1	a	S	200	HL	50x		1		
N	200	TJ	130x	5m0	2-3	a	S	203	DS	102x	5m1	1	a	
S	250	FB	258x	5m3	1	a	N	250	SB	221x	5m4	1	a	
C	300	MW	190x	5m4	1	a	N	300	UN	167x	4m7	1	a	
N	300	UN	100x	4m7	2	a								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	5286	V	13 46 26.5	-51 22 24	Cen	9.10	7.3	430

S	125	FB	74x	6m3	2	a								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	5466	XII	14 05 27.3	+28 32 04	Boo	11.0	9.0	110

B	50	CF	10x	6m0	4		R	63	KV	34x	5m0	3	n	
B	80	HZ	30x	6m0	3-4	n	N	114	DB	36x	5m5	5		
N	114	DK	56x	4m9	3-4	f	M	150	PI	38x	5m7	7		
N	200	KV	120x	6m5	2	a	N	200	HZ	120x		3	a	
S	200	JL	100x	5m0	4	a	S	200	PE	49x	5m0	3	n	
N	200	DP	192x	6m0	3	a	M	228	GI	78x	5m3	4	n	
S	280	PP	117x	5m0	2	a	N	317	TJ	230x	5m0	3	a	
N	318	DS	102x	5m8	2-3	a	N	400	CF	133x	6m2	1	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	5634	IV	14 29 37.3	-05 58 35	Vir	4.9	9.5	287

R	63	KV	84x	5m0	4	n	B	80	HZ	30x	5m8	4		
N	114	DK	56x	4m9	3	n	R	120	RS	64x	5m0	2-3	n	
S	200	PE	78x	4m7	3	n	N	200	KV	200x	5m5	2	n	
N	200	DP	192x	6m0	3		N	200	DP	180x	4m5	4	n	
N	200	GK	228x	5m6	2		M	228	GI	258x	5m3	3	n	
N	317	WK	170x	5m5	2-3	n	N	317	TJ	230x	4m5	3	n	
N	400	CF	133x	6m2	1	n								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	5694	VII	14 39 36.5	-26 32 18	Hya	3.6	10.2	332

S	125	FB	100x	6m6	3	n	S	200	PE	70x	5m0	3	n	
N	200	KV	200x	5m5	2	n	N	255	SK	93x	6m2	3	n	
N	400	CF	240x	4m0	3	n								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	5824	I	15 03 58.5	-33 04 04	Lup	6.2	9.1	373

S	125	FB	74x	6m1	3	n	N	255	SK	93x	6m2	2	n	
N	400	CF	68x	2m5	3	n								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Pal	5	XII	15 16.1	-00 07	Ser	6.9	11.8	244

S	200	DK	148x	5m0	5-6	n	N	203	KV	200x	6m5	7		
S	254	TE	54x	6m6	4-5		N	400	CF	200x	6m2	5	a	
N	508	AS	265x	5m6	5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	5897	XI	15 17 24.5	-21 00 37	Lib	13.0	8.5	334

B	70	CF	16x	4m5	4-5		B	80	HZ	30x	5m2	3-4	n	
S	200	PE	50x	5m0	3	n	N	200	KV	200x	5m5	2-3	a	
N	200	HZ	120x	5m5	3	a	N	200	GK	170x	5m6	3	n	
N	400	CF	141x	4m5	3	a								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	5	V	15 18.6	+02 05	Ser	17.0	5.8	244

B	30	KH	8x	5m8	2	n	B	50	PI	10x	6m0	2		
B	50	CF	10x	6m3	1-2	n	B	50	PA	10x	4m9	2	n	
R	60	PA	84x	4m9	2	n	R	63	KV	53x	6m0	1	a	
B	70	GI	16x	5m3	3	n	R	72	MS	33x	5m0	2		
B	80	PI	20x	6m0	1	t	R	90	GI	40x	5m3	2	n	
R	90	MM	100x	4m5	2-3		R	90	SG	56x	4m9	2	a	
N	105	JM	73x	4m5	2	a	N	114	RS	56x	5m5	1	a	
N	114	SB	125x	4m8	2	n	N	114	DK	111x	4m8	1-2	a	
R	120	RS	102x	5m0	1	a	M	150	PI	83x	6m	1	a	
N	200	GK	170x	5m8	1		S	200	DK	148x	4m8	1	a	
S	200	PE	49x	5m0	1	a	S	200	HM	48x	5m1	1		
S	203	DS	102x	5m2	1	a	M	228	GI	228x	5m2	1	a	
N	250	SB	221x	5m0	1	a	C	300	MW	214x	5m4	1	a	
N	317	WK	312x	6m2	1	a	N	318	DS	102x	5m0	1	a	
N	320	PI	450x	6m2	1		N	400	CF	240x	6m3	1	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	5986	VII	15 46 03.5	-37 47 10	Lup	9.8	7.5	374

S	125	FB	100x	6m1	2	a	N	255	SK	93x	6m2	2	a	
N	304	PH	122x	4m6	2	a								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6093	II	16 17 02.5	-22 58 30	Sco	5.10	7.3	336

N	200	GK	228x	4m5	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	80	II	16 17.0	-22 59	Sco	8.9	7.2	336

B	50	CF	10x	4m	2-3	n	R	60	PA	28x	4m9	3	n	
B	63	MS	9x	5m0	3	n	N	114	RS	90x	5m5	2	n	
N	114	DK	83x	4m6	1	n	S	125	FB	100x	6m2	2	a	
N	150	MS	55x	5m0	1		M	150	PI	83x	4m	2		
N	200	DP	180x	5m5	3	a	N	250	SB	150x	6m0	2	a	
N	254	JM	42x	2m5	3	n								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6121	IX	16 23 35.5	-26 31 31	Sco	22.80	5.6	336

N	200	GK	228x	4m5	3	a								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**4**	IX	16 23.6	-26 32	Sco	26.0	5.9	336

B	30	KH	8x	5m5	2	n	B	50	FB	15x	5m8	2	n	
B	50	CF	10x	4m	2	n	R	60	PA	28x	4m9	2	n	
R	63	KV	34x	5m0	2	n	B	63	MS	9x	5m0	4		
B	70	GI	16x	5m3	2	n	B	80	WD	15x	4m5	3	n	
N	105	JM	34x	6m5	2	a	N	114	RS	36x	6m0	1	a	
S	125	FB	74x	5m8	1	a	N	150	MS	55x	5m0	2		
M	150	PI	83x	3m	3		S	200	DK	148x	4m5	1	a	
N	203	RH	120x	6m5	1		S	250	FB	202x	5m8	1	a	
N	250	SB	150x	6m0	1	a								

NGC	**6144**	XI	16 27 14.1	-26 01 29	Sco	9.3	9.0	336

B	80	HZ	30x	5m2	5	n	S	125	FB	74x	6m2	3	a	
N	200	JL	92x	6m0	3	a	N	200	HZ	120x		3		
N	200	DP	102x	6m9	4		N	250	SB	100x	6m3	3	n	

NGC	**6139**	II	16 27 40.4	-38 50 56	Sco	5.5	9.0	375

S	125	FB	100x	6m2	3	n

M	**107**	X	16 32.5	-13 03	Oph	10.0	8.1	291

B	50	PE	10x	5m5	4	n	R	60	PA	28x	5m2	3	n	
R	63	KV	34x	5m0	3	n	B	70	CF	16x	5m5	2	n	
B	70	GI	16x	5m8	3	n	R	80	GW	38x	5m	2	n	
N	114	RS	56x	5m0	1-2	n	N	114	DK	56x	4m7	3	n	
S	125	FB	100x	5m7	3	n	S	200	HM	48x	4m6	2	n	
N	200	GK	170x	5m6	3	n	S	203	DS	102x	5m0	3	n	
N	250	SB	221x	5m3	2	n	N	317	WK	93x	5m8	3	n	
N	317	WK	214x	5m8	3	a	N	400	CF	240x	5m5	2	a	

M	**13**	V	16 41.7	+36 28	Her	17.0	5.9	114

A	6	FB	1x	5m6	4		A	7	RH	1x	6m0	5		
A	7	MC	1x	6m4	4		A	7	TJ	1x	6m5	4	n	
A	8	CF	1x	6m3	3-4	n	B	50	AM	10x	6m0	1	n	
B	50	FB	15x	5m6	1	n	B	50	CF	10x	5m2	1-2	n	
B	50	PA	10x	5m5	2	n	B	50	GG	7x	5m2	4		
R	54	JL	41x	5m5	1	n	B	60	DK	20x	4m5	1	n	
R	63	KV	53x	6m0	1	a	B	70	GI	16x	5m3	1	n	
B	70	MC	25x	5m2	1	n	R	72	MS	33x	5m0	2		
R	80	GW	38x	5m5	1	n	R	90	TJ	130x	5m0	2	a	
R	90	GI	105x	5m3	1	n	M	100	MC	100x	5m1	1	a	
R	102	WD	213x	5m5	1	a	M	102	SD	125x	5m0	1	a	
N	105	JM	92x	5m0	1	a	N	114	SB	125x	6m2	1	a	
N	140	RH	100x	5m6	1		N	200	GK	228x	5m6	1	a	
S	200	HL	50x		1		S	200	PE	49x	5m0	1	a	
N	250	SB	417x	6m0	1	a	N	300	HT	150x	6m7	1	a	
N	300	UN	167x	4m7	1	a	C	300	MW	214x	5m5	1	a	

NGC	**6229**	IV	16 46 58.9	+47 31 40	Her	4.5	9.4	80

B	50	CF	10x	5m8	3	n	R	63	KV	34x	5m0	2-3	n	
B	80	HZ	30x	6m2	3	n	R	80	HZ	80x	5m5	3	n	
N	110	CW	54x	5m5	3	n	N	114	DK	56x	4m8	2-3	n	
N	200	KV	200x	6m5	2	n	N	200	GK	170x	5m6	2	n	
N	200	DP	192x	5m5	3	n	N	200	HZ	190x		3	n	
S	200	DK	148x	4m8	1	n	S	200	JL	100x	5m0	2		
S	200	MC	200x	5m2	2-3	n	S	203	DS	102x	5m5	2-3	n	
M	228	GI	258x	5m3	2	n	N	250	SB	221x	5m6	2	n	
N	254	JM	254x	4m5	3	n	N	317	WK	314x	6m3	2	n	
N	317	TJ	100x	5m0	3	n	N	318	DS	102x	5m9	2	n	
N	320	PI	144x	6m8	2		N	400	CF	240x	6m3	1-2	a	
N	400	DP	225x	6m0	2	a								

M	**12**	IX	16 47.2	-01 57	Oph	15.0	6.6	246

B	30	KH	8x	5m8	3	n	B	40	KV	10x	5m0	3	n	
B	50	FB	15x	5m7	2	n	B	50	CF	10x	5m2	1-2	n	
B	50	PA	10x	5m3	3	n	B	70	MC	25x	5m8	2	n	
B	70	CF	16x	6m0	1	n	B	70	GI	16x	5m3	3	n	
B	70	GI	16x	5m8	2	n	R	72	MS	33x	5m0	2		
R	80	GW	61x	5m	1	a	B	80	WD	15x	5m0	1	n	
N	114	DK	111x	4m8	1-2	a	N	114	RS	56x	5m5	1-2	a	
N	114	SB	63x	4m8	3	n	S	125	FB	74x	5m7	1	a	
S	200	HM	48x	4m3	2	n	N	200	GK	228x	5m6	2	a	
S	200	DK	227x	5m0	1	a	M	228	GI	148x	5m3	1	a	
N	254	JM	63x	3m2	2-3	a	N	317	WK	93x	5m8	1-2	n	
N	318	DS	153x	4m9	1	a								

NGC	**6235**	X	16 53 25.4	-22 10 38	Oph	5.0	10.0	337

S	125	FB	100x	5m9	3	n	S	200	PE	49x	5m0	4	n	
S	200	DK	148x	4m3	3	n	N	200	KV	120x	6m0	3	n	
N	200	HZ	40x		3-4		N	200	GK	119x	5m6	3		
N	317	TJ	230x	4m7	3	a								

M	**10**	VII	16 57.1	-04 06	Oph	15.0	6.6	247

B	30	KH	8x	5m8	3	n	B	40	KV	10x	5m0	3	n	
B	50	FB	15x	5m7	2	n	B	50	CF	10x	5m2	1-2	n	
B	50	PA	10x	5m3	3	n	B	70	MC	25x	5m8	1	n	
B	70	CF	16x	6m0	1	n	B	70	GI	16x	5m8	2	n	
B	70	GI	16x	5m3	2	n	R	72	MS	33x	5m0	2		
R	80	GW	61x	5m	1	n	B	80	WD	15x	5m0	1	n	
N	114	RS	56x	5m5	1-2	n	N	114	DK	111x	4m8	1-2	a	
N	114	SB	63x	4m8	3	n	S	125	FB	100x	5m7	1	a	
S	200	HM	48x	4m6	2	a	N	200	GK	228x	5m6	2	a	
S	200	DK	227x	5m0	1	a	M	228	GI	148x	5m3	1	a	
N	250	SB	300x	5m7	2	a	N	254	JM	254x	3m2	2-3	a	
N	317	WK	93x	5m8	1-2	n	N	318	DS	153x	4m6	1	a	

NGC	**6266**	IV	17 01 12.6	-30 06 44	Oph	14.10	6.5	376

N	200	GK	90x	5m8	4

M	**62**	IV	17 01.2	-30 07	Oph	14.0	6.6	376

N	114	RS	90x	5m5	1-2	n	S	125	FB	100x	6m2	2	n	
S	200	PE	110x	5m0	2	n	S	200	MS	160x	5m5	1-2		

NGC	**6273**	VIII	17 02 37.7	-26 16 05	Oph	5.30	6.8	337

N	200	GK	228x	5m8	2

M	**19**	VIII	17 02.6	-26 16	Oph	14.0	7.2	337

B	50	PE	10x	5m0	4	n	B	50	FB	15x	5m7	3	n	
B	60	DK	20x	3m9	3	n	B	63	MS	9x	5m0	4		
M	102	JM	56x	4m3	3-4	n	M	102	JM	56x	5m3	3	n	
N	114	RS	56x	6m0	1-2	a	S	125	FB	100x	5m7	2	n	
N	150	MS	55x	5m0	2		N	200	WK	75x	5m1	2	n	
M	228	GI	148x	6m0	2	n	N	250	SB	221x	5m0	2	n	
N	317	TJ	230x	5m0	2	a								

NGC	**6284**	IX	17 04 28.8	-24 45 53	Oph	5.6	8.8	337

B	80	HZ	30x	5m2	3-4	n	S	200	PE	49x	5m0	2	n	
S	200	DK	148x	4m3	2-3	n	N	200	KV	200x	6m0	3	a	
N	200	HZ	40x		3	n	N	200	GK	170x	5m6	3	n	

NGC	**6287**	VII	17 05 09.4	-22 42 29	Oph	5.1	9.4	337

S	125	FB	100x	5m9	3	n	S	125	FB	100x	5m9	3	n	
S	200	PE	49x	5m0	3	n	S	200	DK	148x	4m3	3	n	
N	200	KV	120x	6m0	3	n	N	200	HZ	40x		3	n	

NGC	**6293**	IV	17 10 10.4	-26 34 54	Oph	7.9	8.2	337

B	80	HZ	30x	5m2	3	n	S	125	FB	100x	5m9	3	n	
S	200	DK	148x	4m3	2	n	N	200	WK	75x	5m1	3	n	
N	200	KV	200x	6m0	3	n	N	200	HZ	190x		3	n	
N	200	GK	170x	5m6	3		N	317	TJ	230x	4m7	3	a	

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6304	VI	17 14 32.5	-29 27 44	Oph	6.8	8.2	376

B	80	HZ	30x	5m2	3-4	n		S	125	FB	100x	5m9	3	n	
S	200	PE	110x	5m0	3	n		N	200	KV	120x	5m0	3	n	
N	200	HZ	80x		3	n									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6316	III	17 16 37.4	-28 08 24	Oph	4.9	8.4	337

B	80	HZ	30x	5m2	3-4	n		S	125	FB	100x	5m9	3	n	
S	200	PE	110x	5m0	3	n		N	200	KV	120x	6m0	3	n	
N	200	HZ	80x		3	n		N	200	GK	91x	5m6	3	n	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6325	IV	17 17 59.2	-23 45 57	Oph	4.3	10.3	337

S	200	PE	78x	5m0	4	n		N	200	KV	120x	6m0	4	n	
N	200	HZ	80x		4	n									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	92	IV	17 17.1	+43 08	Her	11.0	6.5	80

B	30	KH	8x	5m7	2			B	42	DK	7x	4m5	2	n	
B	50	JL	16x	4m4	2-3	n		B	50	FB	15x	5m6	1	n	
B	50	PA	10x	5m5	3	n		R	63	KV	84x	6m0	1	a	
B	70	GI	16x	5m2	1	a		B	70	GI	16x	5m1	1		
B	70	MC	25x	5m2	1	n		R	72	MS	33x	5m0	2		
R	80	WD	26x	5m5	2	n		R	80	DS	73x	5m7	2	n	
R	90	MM	100x	5m0	2			M	102	SD	125x	5m0	1	a	
N	105	JM	92x	5m0	2	n		N	110	CW	96x	5m5	2		
N	114	SB	63x	5m8	2	n		N	114	RS	56x	5m5	1	a	
R	120	RS	102x	6m0	1	a		N	140	RH	100x	6m0	1		
M	150	PI	150x	4m0	1			R	150	DS	80x	5m7	1	a	
S	200	HL	50x		1			S	200	MC	200x	5m3	1	a	
S	200	HM	154x	5m2	2			S	203	DS	203x	5m4	1	a	
M	228	GI	148x	5m2	1	a		N	250	SB	221x	5m7	1	a	
N	318	DS	153x	5m9	1-2	a									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	9	VIII	17 19.2	-18 31	Oph	9.3	7.9	338

B	50	KH	10x	5m	3	n		B	50	FB	15x	5m7	3	n	
R	60	PA	28x	5m2	2	n		R	63	KV	34x	4m5	3	n	
B	70	GI	16x	5m8	3	n		B	70	CF	16x	5m5	2-3	n	
R	80	GW	61x	5m	3	n		N	114	RS	90x	6m0	2	a	
S	125	FB	100x	5m7	2	n		S	200	DK	148x	4m3	2	a	
N	200	GK	228x	5m6	3			N	250	SB	221x	5m0	2	a	
N	254	JM	254x	3m2	3	n		N	317	WK	312x	4m6	3	a	
N	317	TJ	230x	4m5	2	a									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6342	IV	17 21 10.2	-19 35 14	Oph	3.0	9.7	338

B	80	HZ	30x	5m2	4-5	n		S	200	DK	148x	4m3	3	n	
N	200	KV	120x	6m0	3	n		N	200	HZ			3-4	n	
N	250	SB	150x	5m0	3	n		N	317	WK	214x	4m6	3-4	n	
N	317	TJ	230x	4m5	3	n									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6356	II	17 23 35.0	-17 48 47	Oph	7.2	8.3	338

R	80	HZ	40x	5m5	3	n		B	80	HZ	30x	5m2	3	n	
S	125	FB	100x	5m7	3	n		S	200	DK	148x	4m3	2	n	
N	200	KV	200x	5m5	2	a		N	200	HZ	40x		3		
N	200	GK	228x	5m6	2			M	228	GI	78x	4m9	2	n	
N	250	SB	221x	5m0	3	n		N	317	WK	312x	4m6	3	n	
N	317	TJ	230x	4m5	2-3	n									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6355		17 23 58.6	-26 21 13	Oph	5.0	9.1	338

B	80	HZ	30x	5m2	6			S	200	PE	49x	5m0	4	n	
N	200	KV	120x	6m0	4	n		N	200	HZ	80x		3-4	n	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6352	XI	17 25 29.2	-48 25 22	Ara	7.10	8.0	408

S	125	FB	100x	6m1	2	a									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	1257	V	17 27 08.4	-07 05 39	Oph	1.0	12.5	293

S	200	PE	78x	5m7	5	n		N	317	WK	170x	5m0	5		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6366	XI	17 27 44.3	-05 04 36	Oph	8.3	9.2	248

R	80	HZ	40x	5m8	5	n		B	80	HZ	30x	6m0	7		
S	200	PE	110x	5m0	5	n		N	200	KV	75x	5m0	4	n	
N	200	HZ	100x	5m8	4	n		N	250	SB	74x	5m9	3	n	
N	317	WK	93x	6m3	4	n		N	368	RV	230x	5m5	5		
N	400	CF	240x	6m2	3	a									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6388	III	17 36 17.0	-44 44 06	Sco	8.70	6.7	408

N	105	JM	63x	6m5	2-3	n		S	125	FB	74x	6m1	2	a	
N	304	PH	150x	4m8	2	n									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	14	VIII	17 37.6	-03 15	Oph	12.0	7.6	248

B	30	KH	8x	5m9	4-5	n		B	40	KV	10x	5m0	3-4	n	
B	50	PA	10x	5m3	3	n		B	70	MC	25x	5m8	2	n	
B	70	CF	16x	6m0	2	n		B	70	GI	16x	5m8	2	n	
R	80	GW	61x	5m	3	n		N	114	RS	56x	6m0	1	n	
N	114	DK	83x	5m0	2	n		N	114	SB	63x	4m8	3	n	
S	125	FB	100x	5m7	2	n		S	200	JL	100x	4m5	2		
M	228	GI	148x	5m3	2	n		N	250	SB	221x	5m7	2	a	
N	254	JM	254x	3m2	3	n		N	317	WK	214x	6m0	3	a	
N	320	PI	144x	6m0	2			N	400	CF	240x	6m0	1-2	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6401	IX	17 38 36.9	-23 54 32	Oph	5.6	9.5	338

S	125	FB	74x	5m7	3	n		S	200	PE	78x	5m0	3	n	
N	200	KV	120x	5m5	3-4	n		N	200	HZ	80x		3		
N	400	CF	240x	5m0	3	a									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6397	IX	17 40 41.3	-53 40 25	Ara	25.00	5.7	434

S	125	FB	100x	6m1	2	a		N	304	PH	150x	4m6	2	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6426	IX	17 44 54.7	+03 10 13	Oph	3.2	11.0	248

S	200	PE	70x	5m5	4	n		S	200	JL	100x	5m0	5	n	
N	200	KV	120x	6m0	4	n		N	200	HZ	80x	5m8	4	n	
N	250	SB	100x	5m9	3	n		N	317	WK	93x	6m0	3-4	n	
N	317	TJ	89x	4m5	4	n		N	400	CF	240x	6m0	3	n	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6440	V	17 48 52.6	-20 21 34	Sgr	5.4	9.2	338

R	80	KV	10x	6m0	7			S	125	FB	100x	5m6	3	n	
S	200	PE	78x	5m0	3	n		N	200	KV	120x	4m5	3	n	
M	228	GI	124x	5m0	3-4	n		N	317	TJ	178x	4m7	3	n	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6441	III	17 50 12.9	-37 03 04	Sco	7.8	7.2	377

R	80	HZ	50x	5m3	4	n		B	80	HZ	30x	4m8	4-5	n	
N	105	JM	63x	6m5	2-3	n		S	125	FB	100x	6m1	3	n	
N	200	HZ	120x	4m8	3	n		N	200	DP	102x	4m5	3-4	n	
N	203	KV	200x	5m5	1	n									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6453	IV	17 50 51.8	-34 35 55	Sco	3.5	10.1	377

N	255	SK	200x	5m8	2	n									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6517	IV	18 01 50.6	-08 57 32	Oph	4.3	10.2	294

B	50	CF	10x	6m0	7			B	80	HZ	30x	6m0	7		
N	150	GK	187x	6m5	3			N	200	KV	120x	5m0	3	n	
N	200	HZ	120x	5m8	3	n		N	317	WK	93x	6m3	3	n	
N	317	TJ	230x	4m5	3	n		N	440	SK	285x	6m6	2	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6522	VI	18 03 34.1	-30 02 02	Sgr	5.6	8.3	377

B	80	HZ	30x	5m2	3			N	105	JM	63x	6m5	3	n	
S	125	FB	100x	5m6	3	n		N	155	SK	125x	6m5	2		
S	200	PE	78x	4m0	3	n		S	200	JL	64x	5m0	3		
N	200	KV	48x	4m5	3	n		N	200	HZ	80x	5m0	3	n	
N	200	GK	170x	5m6	3			N	317	TJ	230x	4m5	4	n	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6535	XI	18 03 50.7	-00 17 49	Ser	3.6	10.5	249

N	150	GK	85x	6m5	3			S	200	PE	110x	5m0	3	a	
N	200	KV	120x	5m0	3	n		N	200	HZ	120x	5m0	3	n	
M	228	GI	124x	6m0	3	a		N	368	RV	230x	5m5	3		

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6528**	V	18 04 49.6	-30 03 21	Sgr	3.7	9.6	377

B	80	HZ	30x	5m2	4		N	105	JM	63x	6m5	4	n
S	125	FB	100x	5m6	3	n	N	155	SK	125x	6m5	3	
S	200	PE	78x	4m0	3-4	n	S	200	JL	64x	5m0	3	
N	200	KV	48x	4m5	4	n	N	200	HZ	80x	5m0	3	n
N	200	GK	170x	5m6	3		N	317	TJ	230x	4m5	3	a

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6539**	X	18 04 49.8	-07 35 09	Oph	6.9	9.3	294

B	50	CF	10x	6m0	7		B	80	HZ	30x	6m0	5	n
S	200	PE	110x	5m0	4	a	S	200	JL	100x	4m5	4	
N	200	KV	75x	5m0	4	n	N	200	DP	102x	6m9	4	n
N	200	GK	91x	5m6	4		M	228	GI	124x	6m0	4	n
N	317	TJ	66x	4m5	4		N	440	SK	285x	6m6	2	a

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6540**	XI	18 06 08.6	-27 45 55	Sgr	1.5	9.3	339

N	200	JL	6m0	4	n	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6544**	IX	18 07 20.6	-24 59 51	Sgr	8.9	7.8	339

R	80	HZ	50x	5m8	3	n	B	80	HZ	30x	5m5	3	n
B	100	CF	20x	5m	2		N	114	RS	56x	5m5	2	a
S	125	FB	100x	5m9	2	a	S	200	PE	110x	5m0	3	n
N	200	HZ	40x	4m8	3	n	N	200	DP	128x	5m0	3	n
N	200	GK	228x	5m6	3		N	250	SB	221x	5m1	3	n
N	255	SK	93x	6m2	2	a	N	317	TJ	230x	4m5	3	a

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6541**	III	18 08 02.2	-43 42 20	CrA	13.10	6.3	409

S	125	FB	100x	5m8	2	a	N	304	PH	150x	4m8	2	a

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6553**	XI	18 09 15.6	-25 54 28	Sgr	8.1	8.1	339

R	80	HZ	50x	5m8	3	n	B	80	HZ	30x	5m5	3	n
B	100	CF	20x	5m	3		N	114	RS	56x	5m5	2-3	n
N	200	HZ	200x	4m8	3	n	N	200	DP	128x	4m5	3	n
N	250	SB	150x	5m1	2	n	N	255	SK	93x	6m2	2	n
N	317	TJ	230x	4m5	3	n	N	400	CF	240x	5m6	2	a

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6558**		18 10 18.4	-31 45 49	Sgr	3.7	9.3	339

N	105	JM	63x	6m5	4	n	S	200	JL	100x	5m0	3	
N	400	CF	240x	4m0	3	n							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1276**	XII	18 10 45.7	-07 12 42	Ser	7.1	10.3	294

B	50	CF	10x	6m0	7		S	200	PE	110x	5m5	4	a
N	400	CF	240x	5m5	4	a							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6569**	VIII	18 13 38.9	-31 49 35	Sgr	5.8	8.6	377

B	80	HZ	30x	5m2	3-4		N	105	JM	63x	6m5	3	n
S	200	PE	110x	4m0	4	n	S	200	JL	100x	5m0	3	
N	200	HZ	80x	4m8	3	n	N	200	DP	102x	4m5	3	n

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6624**	VI	18 23 40.5	-30 21 40	Sgr	5.9	7.9	378

R	80	HZ	50x	5m5	3-4	n	B	80	HZ	30x	5m2	3	
N	105	JM	63x	6m5	3	n	N	114	RS	56x	5m5	3	n
S	125	FB	100x	5m9	3	n	N	150	WK	100x	5m0	4	n
N	200	HZ	120x	4m8	3	n	N	200	DP	102x	4m5	3	n
N	200	GK	228x	5m6	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**28**	IV	18 24.5	-24 52	Sgr	11.0	6.9	340

B	30	KH	8x	5m	5	n	B	50	PE	10x	5m0	3	n
B	50	FB	15x	5m5	3		R	60	JL	22x	4m5	3	
B	60	DK	20x	4m3	3	n	B	63	MS	9x	5m0	4	
B	70	MC	25x	4m8	2-3	n	R	80	GW	38x	5m0	3	n
B	80	PA	15x	4m9	3	n	B	80	PI	20x	3m5	3	
R	90	SG	38x	6m9	2	n	R	90	MM	59x	6m0	2	
N	105	JM	63x	6m5	2-3	n	N	114	DB	36x	4m5	4	n
S	125	FB	100x	5m9	2	a	N	150	RY	133x	4m8	2	a
N	150	WK	100x	5m0	3	n	R	150	DS	200x	4m9	2-3	n
N	150	MS	55x	5m0	2		M	228	GI	124x	6m0	3	
N	250	SB	300x	5m1	1	a	N	300	HT	300x	6m5	1	a
N	318	DS	153x	4m8	3	n	N	400	CF	141x	6m2	1-2	a

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6634**	NF	18 29 58.1	-33 25 20	Sgr			378

N	317	WK	170x	6m0	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6638**	VI	18 30 56.2	-25 29 47	Sgr	5.0	9.0	340

R	60	JL	22x	4m5	4		R	80	HZ	50x	5m5	3-4	n
B	100	JM	25x	4m5	5	n	N	114	RS	56x	5m5	3	n
N	114	JL	45x	4m5	3		R	120	RS	102x	5m0	2-3	n
S	125	FB	100x	5m9	3	n	N	150	WK	187x	5m0	3-4	n
N	150	MB	48x	5m5	2	n	N	200	HZ	100x		3	n
N	200	GK	228x	5m6	3		N	250	SB	221x	5m1	3	n
S	280	FD	318x	6m1	3	n							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6642**	IV	18 31 54.3	-23 28 35	Sgr	4.5	9.1	340

B	80	HZ	30x	5m5	4	n	R	90	TJ	38x	4m5	3	n
N	114	JL	45x	4m5	3		S	125	FB	100x	5m9	3	n
N	150	WK	187x	5m0	3-4	n	N	155	SK	125x	6m2	3	n
S	200	PE	110x	5m0	3	n	N	200	HZ	40x		3-4	
N	200	DP	180x	4m0	3-4	n	N	250	SB	221x	5m1	3	n
N	317	WK	93x	5m5	3	n							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**69**	V	18 31.4	-32 21	Sgr	7.1	7.7	378

R	80	WD	26x	5m0	2	n	R	90	SG	56x	6m9	2	n
N	105	JM	63x	6m5	2	n	N	114	RS	56x	5m5	1-2	n
S	125	FB	100x	6m2	2	n	S	200	MS	160x	6m0	1	
S	200	JL		6m0	3		N	200	DP	102x	4m5	3	n

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6652**	VI	18 35 45.7	-32 59 25	Sgr	3.5	8.6	378

R	80	HZ	50x	5m3	4	n	R	120	RS	102x	5m0	2-3	n
S	125	FB	100x	5m9	3	n	N	200	HZ	120x		3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**22**	VII	18 36.4	-23 54	Sgr	24.0	5.1	340

A	7	KV	1x		5	n	B	30	KH	8x	5m	2	n
B	32	HM	8x	4m	2		B	50	FB	15x	6m2	2	n
R	60	JL	22x	4m5	2		B	60	DK	20x	4m3	1	n
B	63	MS	9x	5m0	1		B	70	MC	25x	4m8	1	n
B	80	WD	15x	4m5	2	n	B	80	KH	20x	5m	2	
B	80	PA	15x	4m9	1	n	B	80	PI	20x	3m5	2	
R	90	SG	83x	6m9	1	a	R	90	TJ	143x	4m5	2	a
B	100	KV	20x	6m5	1	a	N	105	JM	63x	6m5	2-3	a
N	114	DB	36x	4m5	1	a	N	114	SB	125x	4m8	2	n
S	125	FB	50x	6m2	1	a	N	150	WK	187x	5m0	2	a
N	150	RY	48x	4m8	1	a	R	150	DS	200x	4m9	2-3	n
S	200	PE	110x	5m0	1	a	M	228	GI	148x	6m0	1	a
N	250	SB	221x	5m1	1	a	N	300	HT	150x	6m5	1	a
N	317	WK	93x	5m5	1	a	N	318	DS	153x	4m8	1	a

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Pal	**8**	X	18 41.5	-19 49	Sgr	4.7		340

S	200	PE	110x	5m5	4	n	N	400	DP	227x	5m5	3	
N	400	CF	141x	5m5	3	n							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**70**	V	18 43.2	-32 18	Sgr	7.8	8.1	378

R	80	WD	26x	5m0	3	n	R	90	SG	83x	6m9	2	n
N	105	JM	63x	6m5	2-3	n	N	114	RS	56x	5m5	1-2	n
S	125	FB	100x	6m2	2	a	S	200	MS	160x	6m0	1	
S	200	JL		6m0	3		N	200	DP	102x	4m5	3	n
S	203	PK	80x		3	a	M	228	GI	124x	6m0	2	n

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6712**	IX	18 53 04.3	-08 42 22	Sct	7.2	8.1	295

B	50	CF	10x	6m0	3	n	B	50	PE	10x	5m7	4	n
R	60	RH	21x		3		B	70	MC	25x	5m8	3	n
B	80	HZ	30x	6m0	3	n	B	80	PA	15x	5m3	4	n
R	90	SG	38x	6m9	2-3	n	N	114	RS	90x	5m5	1-2	n
N	114	DK	56x	4m3	3	n	R	120	RS	170x	6m0	2	a
N	200	DP	102x	5m5	3	n	S	200	MS	113x	5m0	2	
N	200	KV	170x	5m0	1	a	S	200	MC	200x	5m4	2-3	a
N	200	GK	228x	5m6	3		M	228	GI	78x	4m5	3-4	n
S	250	FB	202x	5m6	2	n	N	250	SB	300x	5m2	3	n
N	254	JM	181x	3m2	3-4	n	N	317	WK	170x	6m2	2	a
N	318	DS	153x	5m0	2	n	N	400	CF	240x	5m6	2	a
N	400	DP	225x	6m5	2-3	a							

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6717	VIII	18 55 06.2	-22 42 03	Sgr	3.9	9.3	340

S	200	PE	110x	5m0	3	n		N	200	DP	180x	4m0	4	
N	200	GK	119x	5m8	3			N	250	SB	300x	5m1	3	n
N	400	DP	227x	5m5	3	a								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	54	III	18 55.1	-30 29	Sgr	9.1	7.7	378

R	60	JL	35x	4m5	4	n		B	63	MS	9x	5m0	3	
B	70	MC	25x	4m8	3	n		B	80	WD	15x	5m0	3	n
R	90	SG	56x	6m9	2	n		N	105	JM	34x	6m5	2-3	n
N	114	RS	22x	4m5	2-3	n		S	125	FB	100x	5m9	3	n
N	150	RY	80x	4m8	2	n		N	150	MS	55x	5m0	2	
M	150	PI	83x	3m	2			S	200	JL		6m0	3	
N	200	GK	91x	5m6	3			M	228	GI	221x	6m0	2	n

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6723	VII	18 59 33.2	-36 37 54	Sgr	11.0	7.0	378

B	70	RS	10x	6m0	2	n		M	102	JM	56x	5m3	3	n
S	125	FB	100x	6m2	2	a		N	500	CF	250x	6m0	1	a

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6749		19 05 15.3	+01 54 03	Aql	6.3	12.4	251

B	80	HZ	30x	6m0	7			B	80	PI	20x	6m5	3	f
S	200	PE	110x	5m7	5	n		N	200	KV	120x	4m5	7	
S	200	MC	50x	6m0	7			N	368	RV	230x	5m0	7	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6760	IX	19 11 12.1	+01 01 50	Aql	6.6	8.9	251

B	50	CF	10x	6m4	4	n		B	80	HZ	30x	6m0	3-4	n
M	150	PI	83x	5m5	2	a		R	150	DS	97x	4m5	3	n
N	200	GK	119x	5m6	3			N	200	DP	102x	5m5	4	n
S	200	MC	200x	5m2	3	n		N	200	KV	120x	5m0	3	n
S	200	DK	145x	4m9	2-3	n		M	228	GI	124x	5m1	3	n
N	250	SB	221x	5m7	2	n		S	254	DS	202x	5m4	3	n
N	254	JM	181x	5m3	4	n		N	317	TJ	230x	5m0	3	n
N	317	WK	312x	6m3	3	n		N	368	RV	230x	5m0	3	n

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	56	X	19 16.6	+30 11	Lyr	7.1	8.3	118

B	26	PI	10x	6m3	4			B	30	KH	8x	6m0	3	
B	50	KH	10x	5m5	3	n		B	50	JL	16x	5m0	5	n
B	50	PA	10x	4m9	3	n		B	50	PI	10x	6m3	1	
B	50	PE	10x	5m5	4	n		R	54	JL	41x	5m5	3-4	n
B	60	DK	20x	4m8	3	n		R	60	PA	28x	4m9	3	n
R	63	KV	34x	5m0	3	n		R	70	UN	47x	5m2	4	n
N	76	KH	57x	5m5	2	n		B	80	PI	20x	6m3	1	
R	90	SG	83x	6m9	1	n		M	100	MC	38x	5m0	2-3	n
R	102	DS	100x	5m5	3	n		N	105	JM	73x	5m3	2-3	n
N	110	CW	96x	5m0	2	n		N	114	RS	56x	6m0	2-3	n
N	114	SB	25x	5m8	3	n		R	120	RS	102x	5m5	2-3	a
S	125	FB	74x	5m1	2			N	140	RH	50x		2-3	
M	150	PI	50x		2			S	200	MC	200x	5m4	2	a
S	200	HM	154x	4m3	3	n		S	200	DK	227x	4m7	1-2	a
S	203	DS	102x	5m4	2	n		M	228	GI	148x	4m9	3	n
N	250	SB	221x	5m7	2	a		S	250	FB	96x	5m9	2	a
S	250	FB	96x	5m3	2	a		N	300	UN	50x	5m2	3	a
N	300	UN	100x	5m2	2	a		N	300	UN	300x	4m9	3	n
N	317	WK	93x	5m3	1-2	a		N	320	PI	144x	6m3	1	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Pal	10	XII	19 18.2	+18 34	Sge	3.5		161

N	317	WK	214x	6m2	7			N	430	AS	141x	6m0	5	n

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	55	XI	19 40.0	-30 58	Sgr	19.0	7.0	380

B	50	FB	15x	6m2	2	n		B	63	MS	9x	5m0	3	
B	80	WD	15x	5m0	3	n		R	90	SG	56x	6m9	2-3	n
M	102	JM	56x	5m3	3	n		S	125	FB	100x	6m2	1	a
N	150	MS	52x	5m0	2			N	200	KV	120x	5m0	1	a
N	200	GK	170x	5m8	3	n		S	203	PK	110x		3	a
M	228	GI	78x	6m0	1	a	DSF	N	300	HT	150x	6m5	1	a

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Pal	11	XI	19 45.3	-08 02	Aql	3.2	9.8	297

S	200	PE	78x	5m7	4	n		S	200	PE	110x	5m5	7	
N	500	CF	250x	6m8	5	a								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	71		19 53.8	+18 47	Sge	7.2	8.3	162

B	30	KH	8x	5m8	3-4	n		B	50	CF	10x	5m6	2-3	n
B	50	JL	16x	4m6	5	n		B	50	PA	10x	4m9	4	n
B	50	PE	10x	5m5	3	n		R	60	PA	14x	5m4	3	n
R	63	KV	34x	5m5	2	n		B	70	MC	25x	5m2	3	n
B	70	GI	16x	5m3	3	n		R	80	WD	26x	5m0	2	n
B	80	WD	15x	4m8	3			R	80	GW	38x	5m	3	n
R	80	DS	40x	5m4	3	n		R	90	SG	83x	6m9	2	n
R	90	MM	59x	5m5	2			M	100	MC	50x	5m1	3	n
R	102	DS	100x	5m5	3	n		N	105	JM	73x	5m0	3-4	n
N	110	CW	54x	5m5	2			N	114	SB	63x	5m0	3	n
N	140	RH	50x		2			M	150	PI	50x		3	
N	150	WK	45x	5m0	2	a		R	150	DS	120x	5m5	2-3	a
N	200	GK	119x	5m6	2			S	200	DK	148x	5m0	2	a
S	200	MC	133x	5m6	1-2	a		S	200	PE	70x	5m0	2	a
S	200	HM	95x	4m4	1			M	228	GI	124x	4m5	2	a
M	228	GI	78x	5m3	1	a		S	250	FB	96x	5m3	2	a
N	250	SB	221x	5m2	2	a		N	300	UN	167x	4m9	2	a
N	320	PI	144x	5m3	1									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	75	I	20 06.1	-21 55	Sgr	6.0	8.6	343

B	50	RS	10x	6m8	2-3	n		B	50	PE	10x	5m0	4	n
B	63	MS	9x	5m0	3			B	80	KH	20x	5m	3	n
R	90	SG	56x	6m9	2	n		M	102	JM	35x	5m3	3	n
N	114	RS	56x	6m0	2	n		S	125	FB	100x	6m2	3	n
N	150	MS	52x	5m0	2			M	150	PI	50x	3m	3	n
N	200	GK	228x	5m6	3			S	203	PK	110x		3	n
M	228	GI	124x	6m0	2	n		N	250	SB	197x	6m3	1	n

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6934	VIII	20 34 11.6	+07 24 15	Del	5.9	8.8	209

B	50	PA	10x	5m3	4	n		B	63	MS	9x	5m0	4	
R	72	MS	80x	5m0	2			B	80	HZ	30x	6m0	3	n
B	80	PI	20x	5m0	4	n		N	114	SB	125x	5m0	2	n
N	114	DK	56x	4m5	2	n		M	150	PI	94x	5m0	3	a
N	200	GK	228x	5m8	3			N	200	HZ			3	a
N	200	DP	102x	5m0	3	n		S	200	MC	200x	5m6	2	n
M	228	GI	258x	5m1	2	n		S	250	FB	96x	5m6	3	n
N	254	JM	254x	5m3	2-3	n		C	300	MW	214x	5m8	2	a
N	317	TJ	230x	5m0	3	a		N	317	WK	214x	5m6	2-3	n
N	400	DK	154x	6m0	2	a		N	400	DP	426x	6m0	2	a

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6981	IX	20 53 27.9	-12 32 13	Aqr	5.10	9.3	299

N	200	GK	228x	5m8	3	n								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	72	IX	20 53.5	-12 32	Aqr	5.9	9.4	299

B	50	CF	10x	6m0	3	n		B	50	KH	10x	5m9	5	
B	50	PE	10x	5m5	4	n		B	50	RS	10x	6m8	4	n
R	60	DK	39x	4m7	5	n		B	63	MS	9x	5m0	6	
R	72	MS	40x	5m0	4			B	80	KH	20x	5m	3	n
R	90	SG	56x	6m3	2	n		N	114	RS	56x	6m0	2-3	n
N	114	SB	63x	5m0	4	n		M	150	PI	83x	5m5	3	a
N	200	DP	180x	4m0	3-4			S	200	MC	100x	5m2	3	n
S	200	MC	200x	5m5	3	n		S	200	HM	154x	3m9	4	n
M	228	GI	78x	4m9	3	n		S	250	FB	96x	5m6	3	n
N	254	JM	98x	3m0	4	n		N	317	TJ	230x	4m0	2	a
N	318	DS	102x	5m0	2-3	n		N	320	PI	144x	6m3	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7006	I	21 01 29.5	+16 11 15	Del	2.8	10.6	209

B	80	KH	20x	6m0	3	n		B	80	HZ	30x	6m0	3-4	n
N	114	DK	56x	4m5	4	n		N	114	SB	20x	5m0	5	n
N	150	GK	160x	6m1	3			N	200	KV	75x	4m5	3	n
N	200	HZ	120x		3-4	n		N	200	DP	180x	5m5	3	n
S	200	MC	133x	5m6	3	n		N	200	GK	228x	5m6	3	
M	228	GI	124x	4m5	2	n		S	250	FB	96x	5m6	3	n
N	254	RV	140x	4m5	3			N	254	RV	140x	4m8	2-3	n
S	254	DS	202x	5m5	3	n		N	254	JM	98x	5m3	3	n
C	300	MW	190x	5m8	2-3	n		N	317	WK	93x	6m0	2-3	n
N	320	PI	240x	6m3	2									

Kugelsternhaufen

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**15**	IV	21 30.0	+12 10	Peg	12.0	6.4	210

A		KV	1x	7m0	4	n	B	30	KH	8x	5m6	3		
B	50	PA	10x	5m2	2	n	B	50	FB	15x	5m7	2	n	
R	60	WD	35x	5m5	2	n	B	60	DK	20x	5m0	1	n	
R	60	PA	84x	5m2	2	n	R	63	KV	34x	5m0	2	n	
B	63	MS	9x	5m0	2		R	72	MS	80x	5m0	1		
R	80	GW	61x	4m5	1	a	B	80	PI	20x		1	n	
R	90	SG	38x	6m3	1	a	M	100	MC	38x	5m4	1	n	
R	102	DS	100x	5m0	2	a	C	102	RY	67x	5m5	1		
N	105	JM	74x	5m3	2	n	N	110	CW	54x	5m2	2-3	n	
N	114	SB	63x	5m8	2	n	N	140	RH	100x		2		
M	150	PI	150x		2	f	S	200	HM	220x	4m7	2	a	
N	200	GK	170x	5m8	1	a	S	200	HL	77x		1		
S	200	PE	200x	5m5	1	a	S	200	MC	200x	5m5	1	a	
M	228	GI	182x	4m8	1	a	N	300	HT	120x	6m5	1	a	
N	318	DS	254x	5m5	1	a	N	320	PI	144x	6m0	1		

M	**2**	II	21 33.5	-00 49	Aqr	13.0	6.5	255

B	30	KH	8x	5m9	2		R	50	KV	90x		1	f	
R	50	JM	8x	5m3	2	a	B	50	FB	15x	5m5	3		
B	63	AV	9x	5m2	2	n	B	63	MS	9x	5m0	3		
R	72	MS	40x	5m0	1		N	110	CW	54x	5m0	2	n	
N	114	SB	125x	4m8	2	n	N	114	DK	111x	4m6	2	n	
S	125	FB	74x	5m1	1	a	M	150	PI	150x	4m5	1		
S	200	HL	50x		1		S	200	DK	227x	5m5	1	a	
S	200	DK	148x	4m6	1	a	S	200	MC	200x	5m2	1	a	
S	200	HM	220x	4m6	2	n	N	200	JL	192x	3m5	5	a	
M	228	GI	258x	5m3	1	n	M	228	GI	182x	4m9	1	a	
S	250	FB	258x	5m0	1		N	320	PI	144x	6m7	1		

M	**30**	V	21 40.4	-23 11	Cap	11.0	7.5	346

B	30	KH	8x	4m	5-6		B	50	RS	10x	6m8	2-3	n	
B	50	KH	10x	5m	2	n	B	50	PE	10x	5m0	3	n	
R	90	SG	56x	6m9	2	n	M	102	JM	35x	5m3	3	n	
N	110	CW	54x	5m1	3	n	N	114	SB	63x	6m0	2	n	
N	114	RS	56x	6m0	1-2	n	S	125	FB	74x	6m5	2	a	
M	150	PI	50x	3m5	2	a	N	200	GK	170x	5m6	3		
S	203	PK	80x		3	a	M	228	GI	148x	5m0	3	n	
N	317	TJ	100x	4m5	3	a	N	318	DS	102x	4m8	2	a	

Pal	**13**	XII	23 06.7	+12 46	Peg	1.8	14.5	213

N	400	CF	320x	6m4	5	a	N	609	SK	168x	5m9	5		

NGC	**7492**	XII	23 08 26.7	-15 36 41	Aqr	6.2	11.3	303

S	200	PE	78x	5m5	4-5	n	N	203	KV	75x	5m5	4-5	f	
M	228	GI	124x	5m5	6		N	400	CF	320x	6m3	4	a	

PK	**118+8.2**	2c	00 01.6	+70 43	Cep	70"	16.7	15

N	609	SK	180x	6m8	5	O-3								

PK	**119+6.1**	II b	00 12 55.0	+69 10 21	Cep	47"	18.3	15

N	320	PI	144x	5m7	3									

Planetarische Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**40**	PN	00 13 01.0	+72 31 19	Cep	0.6	10.7	3

N	114	SB	125x	4m7	3	s		R	120	RS	102x	6m5	2	s	UHC
C	150	HB	56x	5m8	3-4		O-3	N	150	MB	130x		3		
N	150	GK	160x	6m1	3			S	200	MS	200x	5m0	3		LPR
S	200	DK	145x	5m2	2			N	200	KV	120x	5m0	3		
N	200	JL	160x	6m0	3			N	200	DP	100x	4m5	4		
S	200	PE	110x	5m5	2	s	UHC	N	200	GK	170x	5m8	2		
S	200	MC	200x	5m6	3	s		M	228	GI	78x	4m7	1	s	
S	250	FB	167x	5m7	2	s		N	250	DR	198x	6m1	2	s	O-3
N	250	SB	221x	5m3	2	s		N	254	JM	181x	4m5	3		
S	254	DS	167x	5m8	2			C	300	MW	360x	5m0	2		
N	317	TJ	230x	5m5	2	s		N	320	PI	144x	6m0	1		
N	440	SK	509x	6m7	1	s									

PK	**119-6.1**	2	00 28.2	+55 57	Cas	5"	13.3	35

N	250	SB	300x	4m6	3	s	O-3	N	317	WK	214x	5m8	3	p	O-3

PK	**122-4.1**	2	00 45.6	+57 57	Cas	0.5	14.1	36

R	120	RS	102x	5m0	7		UHC	N	200	KV	75x	7m0	4	f	O-3
N	317	TJ	89x	6m0	4-5	f	O-3	N	317	TJ	56x	5m5	7		O-3
N	440	SK	220x	6m2	4		O-3	N	500	CF	71x	6m6	4		
N	500	CF	147x	6m6	3		O-3								

NGC	**246**	PN	00 47 03.3	-11 52 19	Cet	3.8	8.0	262

B	80	HZ	30x	5m7	4			N	114	SB	25x	5m1	3		
N	114	RS	56x	5m5	3	s		R	120	RS	64x	5m0	3	s	
R	125	HB	45x	6m4	2		O-3	S	125	FB	74x	6m5	3		
N	150	WK	45x	5m0	3		O-3	N	150	RY	48x	4m8	3		
N	155	SK	68x	5m7	3		UHC	N	200	GK	57x	5m6	3		O-3
N	200	KV	48x	4m5	3			N	200	DP	36x	5m0	3		UHC
S	280	PP	87x	6m5	2	s	O-3	N	317	TJ	177x	5m0	2		
N	317	WK	93x	4m5	3	s	O-3	N	317	TE	317x	6m5	1	s	
N	440	SK	133x	6m2	2	s	O-3								

PK	**124+10.1**	01 07 07.5	+73 33 23	Cas	16.35	3

N	250	SB	66x	6m3	5	s

PK	**130-11.1**	01 37.2	+50 28	And	0.1	37

N	400	CF	500x	5m4	3-4	f

M	**76**	3+6	01 42.3	+12 34	Per	4.8	10.1	37

B	50	KH	10x	5m8	6			R	75	AT	50x	5m6	4	f	
R	80	GW	61x	5m0	3-4			R	90	SG	143x	6m9	3		
R	102	DS	50x	5m5	2			N	114	RS	56x	5m5	3	s	
N	114	SB	63x	5m0	3			N	114	DB	36x	5m5	3		
N	114	DK	33x	5m0	3	s	DSF	R	125	HB	98x	6m2	1	s	O-3
M	150	PI	83x	5m0	3	s		M	150	PI	50x	5m	7		
N	200	XY	95x	5m0	3			N	200	TJ	171x	5m0	2		
S	200	MC	133x	5m5	2	s	UHC	S	200	DK	118x	5m0	1	s	UHC
N	200	WK	136x	5m8	2	s		N	200	KV	120x	5m0	2	s	O-3
N	200	GK	170x	5m6	3	s	O-3	M	228	GI	148x	6m3	2	s	
S	250	FB	202x	5m5	2	s	UHC	N	250	DR	198x	6m4	2-3	s	O-3
N	250	SB	150x	5m3	2	s		N	254	JM	40x	4m3	3	s	
S	254	DS	167x	5m9	2	s		N	255	SK	200x	5m3	2	s	
N	318	DS	102x	5m8	2	s		N	320	PI	144x	6m3	1		

PK	**131-5.1**	01 53.7	+56 25	Per	0.4	14.9p	37

N	200	KV	48x	7m0	6		O-3	N	360	RS	200x		4	f	O-3

IC	**1747**	PN	01 57 35.8	+63 19 20	Cas	0.2	13.6	17

R	120	RS	170x	6m0	2	f	UHC	R	130	BF	150x	6m2	3	f	
S	200	DK	290x	4m9	3	s		N	200	KV	240x	5m0	3	f	
N	200	DP	192x	5m5	3-4	f	O-3	S	200	PE	110x	5m3	3	p	UHC
N	250	SB	221x	5m2	2		O-3	S	254	TE	250x	6m5	3		
N	317	WK	170x	6m0	2			N	317	TJ	62x	6m0	3-4		
N	440	SK	415x	6m4	2	s									

PK	**131+2.1**	02 12.2	+67 52	Cas	1.0	14.9	17

N	360	RS	200x		7		O-3	N	609	SK	280x	6m5	5		

PK	**144-15.1**	02 45.4	+42 33	Per	0.35	14.4	62

N	254	RV	70x	5m3	7		O-3	N	317	WK	214x	5m8	4-5		O-3
N	320	PI	144x	6m0	3		O-3	N	500	CF	147x	6m6	3		O-3
N	609	SK	280x	6m5	3		UHC								

PK	**141-7.1**	4	02 52.3	+50 36	Per	134"		38

N	609	SK	105x	6m7	7		O-3	

PK	**136+4.1**	2b	02 58.9	+64 30	Cas	3.0	13.4	17

N	200	KV	30x	6m0	7		O-3	

PK	**136+5.1**	03 03 46.9	+64 54 34	Cas	13.38	18

N	250	SB	66x	6m5	5		O-3	

IC	**289**	PN	03 10 19.2	+61 19 01	Cas	0.5	12.3	18							
R	120	RS	25x	5m0	5	f	UHC	N	200	KV	75x	5m0	4	f	
S	200	PE	110x	5m5	4	f	UHC	N	250	SB	300x	6m3	3		O-3
S	254	DS	125x	5m6	5			N	317	WK	170x	6m0	3		O-3
N	317	TJ	230x	5m0	4			C	400	CF	141x	6m0	2-3	s	O-3
N	430	AS	366x	6m1	3	s	O-3	N	440	SK	285x	6m0	3	s	

NGC	**1360**	PN	03 33 14.6	-25 52 18	For	6.5	14.0	312

B	80	PI	20x	6m0	5			R	102	DS	50x	4m3	6		
N	114	DK	33x	4m3	4		DSF	R	120	RS	25x	5m0	2-3		UHC
N	200	KV	48x	4m5	3		O-3	N	250	SB	74x	5m1	2		O-3
N	255	SK	93x	6m6	3	s	O-3	N	317	TJ	62x	4m0	4		O-3
N	500	CF	71x	6m6	2-3	s	O-3								

PK	**147-2.1**	03 41.6	+52 17	Per	0.1	13.8	39

N	360	RS	200x		7		O-3	N	400	CF	500x	5m4	3-4	f	

IC	**351**	PN	03 47 33.0	+35 02 48	Per	0.1	12.4	95

R	120	RS	255x	5m0	3		UHC	R	120	RS	170x	5m0	3	f	
S	200	PE	200x	5m0	3	f		S	200	DK	290x	4m8	3	f	
S	200	DK	290x	4m8	3	f		N	200	KV	240x	4m5	3-4	f	
M	228	GI	252x	4m9	2		UHC	N	250	SB	300x	5m2	3	f	O-3
S	254	TE	400x	6m6	3	F		N	317	WK	312x	6m0	2-3	f	
N	368	RV	80x	5m0	3		O-3								

PK	**171-25.1**	03 53.5	+19 28	Tau	0.6	13.9	132

S	254	TE	214x	6m6	5		UHC	N	440	SK	133x	6m4	3-4		O-3
N	500	CF	71x	6m8	4		O-3								

IC	**2003**	PN	03 56 22.0	+33 52 30	Per	0.1	12.6	95

R	120	RS	255x	5m0	3		UHC	R	120	RS	170x	6m0	3	f	UHC
N	150	WK	190x	5m0	3			S	200	PE	200x	5m7	2	f	
S	200	DK	290x	4m8	3	f		S	200	DK	290x	4m8	3	f	
N	200	KV	170x	5m0	3	f		N	250	SB	300x	5m2	3		O-3
S	254	TE	400x	6m6	2_3	f		N	317	TJ	230x	5m0	3		
N	368	RV	80x	5m0	2-3		O-3								

NGC	**1501**	PN	04 06 59.4	+60 55 15	Cam	0.9	13.3	39

B	80	PI	20x	6m8	3	s		R	120	RS	170x	6m0	2-3		UHC
N	200	KV	170x	5m0	2-3			S	200	PE	70x	5m0	4		UHC
S	200	DK	118x	4m8	2	s	UHC	S	200	DK	118x	4m8	2	s	UHC
N	200	GK	119x	5m6	2			N	200	DP	75x	5m0	3		UHC
N	250	SB	150x	5m1	2			S	254	DS	125x	5m5	3		
S	254	TE	214x	6m6	1-2	s		N	254	RV	170x	5m3	3		O-3
N	317	TE	317x	6m5	1	s		N	317	WK	170x	6m0	2		
N	317	TJ	128x	5m5	3			N	320	PI	144x	6m8	1		
N	440	SK	415x	6m4	2	s									

Planetarische Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1514**	PN	04 09 17.0	+30 46 33	Tau	1.9	10.0	95

N	114	DK	56x	4m5	3-4				R	120	RS	64x	5m0	3			O-3
R	125	HB	39x	6m2	2			O-3	N	150	WK	56x	5m3	3			O-3
N	155	SK	68x	5m6	3				N	200	GK	91x	5m6	2			O-3
N	200	HR	61x	5m2	3			UHC	N	200	KV	75x	6m0	3-4			
S	200	PE	110x	5m5	3			UHC	N	200	DP	75x	4m5	4			UHC
M	228	GI	78x	4m5	2			UHC	N	250	SB	150x	5m6	3			O-3
S	254	TE	214x	6m6	2	s		UHC	S	280	PP	88x	5m0	2			UHC
N	317	TJ	66x	5m0	3			O-3	N	317	WK	170x	5m3	2-3			O-3
N	400	DP	227x	5m5	2												

PK	**147+4.1**		04 13.3	+56 57	Cam	0.2	13.8	39

N	317	WK	312x	5m5	3				N	400	CF	500x	5m4	3-4			

NGC	**1535**	PN	04 14 15.8	-12 44 22	Eri	0.7	9.6	268

R	63	KV	34x	6m0	3	f			B	80	PI	20x	6m0	4	f		
B	100	JM	25x	6m0	3-4	f			R	102	DS	100x	4m5	4			
N	114	SB	125x	5m0	3	f			R	120	RS	340x	5m0	1	s		
N	200	KV	120x	5m0	2			O-3	N	200	DP	180x	5m0	3			
M	228	GI	182x	4m8	2	s		UHC	N	250	SB	221x	5m0	2	s		O-3
N	317	TJ	177x	5m0	2				N	440	SK	415x	6m4	1	s		
N	500	CF	147x	6m6	1	s											

PK	**174-14.1**		04 37.3	+25 03	Tau	0.3	15.1	134

N	317	WK	170x	6m0	5				N	400	CF	141x	6m3	4	p		O-3

PK	**215-30.1**	3a	05 03.2	-15 36	Lep	12	13.2p	269

R	120	RS	25x	5m5	5-6			UHC	N	200	KV	30x	5m0	6-7			O-3
N	255	SK	58x	6m1	6			O-3	N	500	CF	71x	6m6	5	s		O-3
N	609	SK	105x	6m6	4-5	s		O-3									

PK	**190-17.1**		05 05.6	+1042	Ori	0.1	12.0	179

R	152	TE	133x	6m7	2				S	200	DK	290x	5m0	3	f		
S	200	PE	200x	5m5	2	f		UHC	N	250	SB	221x	5m0	3	p		O-3
N	317	WK	170x	5m0	3	f		O-3	N	400	CF	500x	5m2	2	f		

PK	**167-0.1**		05 06.6	+39 08	Aur	1.0	15.7	65

N	500	CF	71x	6m6	5			O-3	N	609	SK	280x	6m6	4			O-3

PK	**173-5.1**	3	05 08.1	+30 48	Aur	132"		97

S	254	TE	94x	6m5	4	s		UHC									

IC	**418**	PN	05 27 28.3	-12 41 50	Lep	0.1	10.7	270

R	120	RS	170x	5m5	2	s		UHC	S	125	FB	100x	5m5	3	n		UHC
N	150	WK	190x	5m0	3	f			C	150	HB	141x	5m8	2	s		O-3
N	200	KV	170x	5m0	3	f			M	228	GI	148x	4m6	2			
N	250	SB	221x	5m1	2			O-3	N	440	SK	415x	6m5	2			

PK	**172+0.1**	IV	05 28 56.8	+36 03 03	Aur	40"		97

N	320	PI	240x	6m2	4			O-3									

PK	**197-14.1**		05 31.8	+06 56	Ori	0.5	14.7	180

N	317	WK	170x	5m8	4			O-3	N	440	SK	285x	6m5	3			O-3
N	500	CF	147x	6m6	3			O-3									

PK	**193-9.1**		05 40.4	+12 20	Ori	0.4		181

R	152	TE	133x	6m7	4			UHC	N	400	CF	200x	6m2	4			O-3

NGC	**2022**	PN	05 42 06.2	+09 05 10	Ori	0.3	12.4	181

R	120	RS	102x	5m5	2-3	s			R	125	HB	98x	6m0	2-3			O-3
C	150	HB	141x	5m8	3-4			O-3	N	150	RY	80x	5m4	5			
R	152	TE	150x	6m5	2	f		O-3	N	200	KV	120x	5m5	3			O-3
N	200	DP	180x	4m5	4				S	200	DK	118x	4m9	2-3			UHC
S	200	PE	78x	5m5	3	f			M	228	GI	148x	4m6	3			
S	250	FB	258x	5m3	3	s			N	250	SB	221x	5m0	3	s		O-3
N	254	JM	181x	4m5	4	f			N	317	WK	170x	5m0	3			
N	317	TJ	230x	5m0	3				N	318	DS	102x	5m4	2-3			
N	400	CF	285x	6m6	2	s			N	400	DP	227x	5m5	2			
N	440	SK	415x	6m4	2	s			N	460	RS	500x	6m0	1	s		

PK	**184-2.1**		05 46.9	+24 22	Tau	0.1	14.6p	136

N	400	CF	500x	5m2	4	p											

IC	**2149**	PN	05 56 23.9	+46 06 17	Aur	0.1	11.2	66

R	120	RS	255x	5m0	2	s		UHC	R	120	RS	170x	5m0	2-3	f		
R	125	HB	98x	6m2	2			O-3	S	200	PE	200x	5m7	3	f		UHC
S	200	DK	290x	4m5	2	f			N	200	KV	240x	4m5	3	f		
N	200	XY	175x	5m0	2				N	200	DP	100x	4m5	3			
N	200	HR	305x	4m9	6	p			M	228	GI	124x	4m9	2			UHC
S	250	FB	202x	5m4	3	p		UHC	N	250	SB	221x	5m0	2			O-3
N	254	JM	181x	4m0	3-4			O-3	N	400	CF	285x	6m6	1			
N	440	SK	285x	5m5	1	f											

PK	**198-6.1**		06 02.4	+09 39	Ori	0.6	13.9	181

R	120	RS	170x	6m8	5			O-3	S	200	PE	110x	5m0	6			UHC
N	203	KV	200x	6m0	3-4			O-3	N	317	WK	170x	5m0	4-5			O-3
N	400	CF	141x	6m0	3			O-3	N	609	SK	360x	6m6	2	s		O-3

PK	**204-8.1**		06 04.8	+03 57	Ori	2.6	15.4	226

N	500	CF	71x	6m8	7			O-3	N	609	SK	105x	6m5	7			

PK	**191-3.1**		06 11.2	+11 48	Ori	0.5		181

N	203	KV	136x	6m0	5-6												

PK	**197-3.1**	2c	06 11.2	+11 46	Ori	40"	14.0	182

N	609	SK	280x	6m5	6-7			O-3									

HD	**44179**		06 19 52	-10 38 14	Mon			272

N	250	SB	197x	6m0	7												

PK	**158-17.1**		06 19.6	+55 37	Lyn	20	11.2p	41

R	120	RS	25x	5m5	7			UHC	N	200	KV	48x	6m5	7			O-3
N	400	CF	74x	6m2	4-5	s		O-3									

IC	**2165**	PN	06 21 42.7	-12 59 14	CMa	0.1	12.9	272

R	120	RS	170x	5m0	2-3			UHC	S	200	PE	200x	5m5	2	f		UHC
N	200	WK	250x	4m5	2-3	f		O3	N	250	SB	300x	5m2	3	p		O-3
S	250	FB	167x	5m6	2	f		UHC	N	400	CF	500x	5m	1	f		

PK	**194+7.1**	3b+2	06 25.9	+17 47	Gem	0.1	11.7	137

N	200	KV	240x	5m0	3	f			N	200	DP	180x	5m0	3			UHC
N	317	TJ	230x	4m5	2	f											

PK	**194+2.1**	3b(2)	06 26.0	+17 47	Gem	0.2	12.4	137

S	200	PE	200x	5m7	2	f			S	200	DK	290x	4m9	3	f		
N	200	DP	192x	5m5	3	f			S	200	MC	286x	6m0	3	f		
S	200	PE	200x	5m0	3	f			N	250	SB	221x	5m6	3	f		O-3
N	254	JM	181x	4m0	3				S	254	TE	375x	6m5	3			UHC
N	255	SK	106x	5m8	3	f			N	317	WK	312x	5m0	3	f		
N	400	CF	500x	5m2	1-2	f											

PK	**233-16.1**	4	06 27.0	-25 23	Cma	1,3	16.3	317

N	609	SK	168x	6m4	6			O-3									

Planetarische Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2242**	PN	06 34 07.4	+44 46 38	Aur	0.50	14.7	67

S	254	TE	286x	6m6	4-5			N	317	WK	312x	5m8	4	f	
N	317	TE	317x	6m5	3-4										

PK	**189+7.1**	2	06 37.4	+24 01	Gem	0.5	13.0	137							
R	120	RS	102x	5m5	4-5		UHC	N	200	KV	75x	6m5	6		O-3
N	250	SB	300x	5m2	3	p	O-3	S	254	TE	286x	6m5	3		UHC
N	317	WK	170x	5m0	3		O-3	N	400	CF	240x	6m2	3		

PK	**153+22.1**		06 43.9	+61 47	Lyn	2.5	14.5	42							
N	500	CF	71x	6m8	7		O-3								

PK	**204+4.1**		06 52.6	+09 58	Mon	6.9	11.8	183							
N	500	CF	71x	6m8	5		O-3	N	609	SK	168x	6m2	4	s	O-3

PK	**210+1.1**		06 53.5	+03 08	Mon	0.3	14.2p	228							
S	254	TE	214x	6m5	3-4	f	O-3	N	400	CF	240x	6m2	3-4	f	

PK	**239-12.1**		06 55 12.1	-29 07 28	Cma			360							
N	400	CF	68x	4m0	7		O-3								

PK	**216-0.1**	2b	06 56,2	-02 53	Mon	80"	17.5	228							
N	609	SK	168x	6m5	5		O-3								

PK	**200+8.1**	2b	06 59.9	+14 37	Gem	67"	17.0	183							
N	609	SK	280x	6m5	5-6		O-3								

PK	**226-3.1**		07 02.7	-13 44	Cma			273							
N	400	CF	240x	5m0	3	f									

PK	**212+4.1**	1	07 05.3	+02 46	Mon	0.2	13.3p	228							
N	400	CF	240x	6m2	2	p									

NGC	**2346**	PN	07 09 22.5	-00 48 24	Mon	0.9	10.0	228							
R	120	RS	64x	5m0	3		UHC	N	150	WK	45x	6m0	3		O-3
S	200	PE	110x	5m2	3		UHC	S	200	DK	118x	4m7	3		UHC
N	200	KV	120x	5m5	3		O-3	N	200	DP	180x	5m0	4		
M	228	GI	148x	4m5	2	s	UHC	S	250	FB	202x	5m4	3		UHC
N	254	JM	181x	5m3	3		O-3	S	254	TE	214x	6m5	1	s	UHC
N	255	SK	58x	6m0	3		O-3	N	317	TJ	177x	4m5	3		O-3
N	320	PI	144x	6m5	3	f	O-3	N	500	CF	71x	6m8	2		O-3

PK	**232-1.1**		07 21.1	-18 08	CMa	0.2		319							
N	400	CF	500x	4m0	3-4	f									

PK	**214+7.1**		07 23.0	+01 46	CMi	1.0	14.3	229							
N	500	CF	71x	6m8	4		O-3	N	609	SK	168x	6m4	3-4	s	O-3

NGC	**2371**	PN	07 25 33.9	+29 29 16	Gem	0.9	13.0	100							
R	120	RS	102x	5m5	3	s	UHC	R	125	HB	98x	6m2	4-5		O-3
S	200	DK	118x	4m9	2-3	s	UHC	N	200	HZ	190x	6m2	3	s	
N	200	DP	75x	5m0	4		UHC	S	200	MC	100x	6m0	3	s	
M	228	GI	148x	4m9	3	s	UHC	N	250	SB	150x	5m6	3	s	O-3
N	254	JM	40x	4m3	3-4	s	O-3	S	254	TE	214x	6m5	2	s	UHC
N	255	SK	200x	5m7	3	s	UHC	N	317	WK	214x	5m5	3	s	O-3
N	317	TJ	177x	5m0	3		O-3	N	317	TJ	177x	4m5	3		UHC

PK	**221+5.1**	4	07 26.5	-05 21	Mon	0.2	14.2p	229							
N	400	CF	240x	6m0	3-4	f	O-3								

PK	**235-1.1**		07 27.9	-20 13	Pup	0.0		319							
N	400	CF	250x	4m	5	p									

NGC	**2392**	PN	07 29 10.8	+20 54 43	Gem	0.7	9.9	139							
B	50	AM	10x	5m0	3	p		R	60	PA	14x	5m6	3		
R	63	KV	120x	6m0	2	s		R	75	AT	100x	5m9	2	f	
R	80	PI	25x	4m5	3	p-s		R	102	DS	100x	5m5	2		
N	110	CW	96x	5m0	2	f		N	114	SB	125x	5m1	3		
R	120	RS	170x	6m0	1		UHC	R	125	HB	98x	6m0	1		O-3
N	140	RH	28x		2			C	150	HB	141x	5m8	1	s	O-3
M	150	PI	150x	5m0	1	s		N	200	DP	75x	5m0	3	s	
N	200	GK	170x	5m8	2			N	200	HR	191x	5m1	1	p	UHC
S	200	WD	133x	4m5	1			M	200	DK	295x	4m0	1	s	
S	203	PK	110x		2-3	s		M	228	GI	78x	5m0	2		
N	250	SB	221x	5m1	2	s		N	254	JM	42x	4m5	2	s	
S	254	TE	400x	6m6	1	s		N	255	SK	520x	5m9	1	s	
S	280	PP	311x	6m0	1	s		N	300	DR	310x	5m9	1	s	UHC
N	317	WK	312x	6m2	1-2	s		N	320	PI	144x	6m5	2		
N	460	RS	999x	6m0	1	s		N	1E+03	PI	155x	6m5	1		

PK	**205+14.1**		07 29.0	+13 15	Gem	10.2	10.3	184							
R	120	CF	23x	5m5	3-4		O-3	S	200	DK	67x	5m2	4	s	UHC
N	200	HZ	46x	6m2	4		O-3	S	200	PE	32x	5m3	4		UHC
N	250	SB	74x	5m6	3		O-3	N	255	SK	93x	6m2	3-4	s	O-3
N	300	UN	47x	5m1	3	s	O-3	N	317	WK	75x	5m3	3		O-3
N	320	PI	45x	6m5	3			N	333	PA	50x	5m3	3	s	O-3
N	368	RV	80x	4m9	4-5		O-3	N	368	RV	80x	4m9	4-5		
N	500	CF	71x	6m8	3	s	O-3	N	508	AS	140x	5m8	3	s	O-3

PK	**215+11.1**		07 36.1	+02 42	CMi	1.45	15.4	229							
N	500	CF	71x	6m8	7		O-3	N	609	SK	168x	6m6	4	s	O-3

PK	**226+5.1**	?+4	07 37.3	-09 39	Mon	0.1	13.0	274							
N	400	CF	500x	5m4	2	f									

PK	**228+5.1**		07 40.4	-11 32	Pup	0.1	13.4p	274							
N	400	CF	500x	5m4	2	p									

NGC	**2438**	PN	07 41 50.6	-14 44 07	Pup	1.1	10.1	274							
N	112	CF	90x	5m5	3-4			N	114	DK	83x	4m8	4-5		
R	120	RS	102x	6m0	2-3	s	UHC	S	125	FB	74x	6m2	2	s	UHC
R	130	BF	150x	6m3	3	s		N	140	SK	100x	5m5	2-3	s	
M	150	PI	150x	5m0	3			N	150	GK	112x	5m5	3		O-3
N	200	XY	45x	5m0	3		UHC	S	200	MC	133x	5m4	2	s	
N	200	DP	75x	4m0	4		UHC	N	200	WK	75x	4m5	3		UHC
N	200	HZ	120x		3 f			S	200	AM	80x	4m7	2	s	O-3
S	200	DK	118x	4m6	2-3	s	UHC	S	203	DS	68x	4m5	3		
M	228	GI	124x	5m0	1		UHC	N	250	SB	221x	5m3	3	s	O-3
S	280	FD	147x	5m6	3	s	O-3	N	300	DR	117x	6m5	3	s	UHC
N	304	PH	152x	4m8	2	f		N	317	TJ	230x	4m5	3		
N	317	TJ	230x	5m0	2			N	400	AT	200x	4m7	2	s	UHC
N	1E+03	PI	155x	6m5	1		O-3								

NGC	**2440**	PN	07 41 55.4	-18 12 31	Pup	0.5	10.8	319							
R	120	RS	255x	5m0	2	s		N	200	KV	240x	5m0	2-3		
S	250	FB	167x	5m7	2	s		N	317	TJ	230x	4m5	3		

NGC	**2452**	PN	07 47 26.2	-27 20 08	Pup	0.3	12.6	320							
N	400	CF	240x	5m4	2	s									

PK	**217+14.1**		07 51.7	+03 00	CMi	3.8	13.4	230							
N	203	KV	48x	6m0	6-7		O-3	N	255	SK	58x	6m6	7		UHC
N	400	CF	74x	6m2	5		O-3	N	609	SK	168x	6m5	4-5	s	O-3

PK	**241+2.1**	4	07 55.2	-23 28	Pup	0.2	13.8p	320							
N	400	CF	240x	5m2	3	f	O-3								

Planetarische Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**164+31.1**	4	07 57.8	+53 25	Lyn	6.5	12.1	43

R	120	RS	25x	5m5	4		UHC	N	200	KV	48x	5m0	4-5			O-3
N	250	SB	74x	6m5	3	s	O-3	S	254	TE	54x	6m6	3-4	s		UHC
N	255	SK	107x	6m0	4	s	O-3	N	317	WK	75x	6m2	4	s		O-3
N	317	TJ	66x	6m5	5		O-3	N	400	CF	74x	6m2	3	s		O-3

PK	**245+1.1**	4	08 02.5	-27 42	Pup	0.1	14.2	320

N	400	CF	240x	5m0	3	f	O-3

NGC	**2610**	PN	08 33 23.4	-16 08 57	Hya	0.6	13.6	276

R	120	RS	64x	5m0	5		UHC	N	200	KV	75x	4m5	4-5			O-3
N	200	DP	36x	4m5	7			S	200	PE	50x	5m3	4			UHC
N	250	SB	74x	6m2	3		O-3	N	400	CF	141x	6m1	3	s		O-3

PK	**208+33.1**	2c	08 46.8	+17 53	Cnc	127"	15.6p	141

N	250	SB	66x	6m8	5	s	O-3	N	400	CF	96x	6m1	4			O-3
N	508	AS	140x	5m8	4		O-3	N	609	SK	168x	6m5	4			O-3

PK	**219+31.1**	3a	08 54.2	+08 55	Cnc	16	12.2	187

R	120	RS	25x	5m5	4		UHC	R	120	RS	102x	5m0	4	fs		UHC
N	200	KV	48x	6m0	5		O-3	N	250	SB	39x	6m5	3	s		O-3
N	317	WK	75x	5m8	3-4		O-3	N	500	CF	71x	6m6	3			O-3
N	609	SK	105x	6m5	3-4	s	O-3									

NGC	**2792**	PN	09 12 26.5	-42 25 41	Vel	0.20	14.0	397

S	125	FB	100x	6m1	5		UHC

NGC	**2818**	PN	09 16 01.6	-36 37 38	Pyx	0.58	11.9	364

S	125	FB	50x	6m1	4	B		N	155	SK	125x	6m3	3

NGC	**2867**	PN	09 21 25.4	-58 18 42	Car	0.20	10.0	425

N	255	SK	290x	4m8	2	s

IRAS	**09371+1**		09 39 54	+11 58 52	Leo	27"	12:	188

N	250	SB	300x	6m8	3	s

PK	**238+34.1**	2b	09 39.1	-02 48	Hya	4.5	12.4	233

R	120	RS	25x	5m5	4-5		UHC	N	200	KV	30x	6m0	4	f		O-3
S	200	PE	50x	5m3	5		UHC	N	250	SB	39x	6m5	3			O-3
N	255	SK	93x	6m0	4		O-3	N	317	WK	75x	6m0	4	s		O-3
N	317	TJ	66x	5m0	4		O-3	N	400	CF	96x	6m1	3-4	s		O-3
N	508	AS	265x	5m8	4		O-3									

PK	**248-29.1**	2b	09 45.6	-13 10	Hya	4.0	12.9	278

N	200	KV	30x	5m5	7		O-3

PK	**248+29.1**		09 45.6	-13 10	Hya	4.8	12.9	278

N	203	KV	30x	5m5	7		O-3	N	609	SK	105x	6m7	4	s	O-3

NGC	**3242**	PN	10 24 46.1	-18 38 33	Hya	21	8.6	325

B	30	BF	8x	6m5	2-3			R	63	KV	84x	5m0	2			
R	80	BF	30x	6m5	2			R	90	TJ	50x	4m0	2-3			
R	102	DS	167x	3m5	3			R	102	DS	100x	4m5	3			
N	114	DK	111x	4m7	1			R	120	RS	400x	6m0	1	s		UHC
S	125	FB	129x	5m6	2			R	130	BF	245x	6m5	1	s		
R	152	TE	150x	6m5	1	s		N	200	DP	180x	4m5	2			
S	203	DS	102x	4m5	2			M	228	GI	326x	4m7	1	s		
N	250	SB	300x	6m2	1	s		N	255	SK	107x	5m8	3			
S	280	PP	233x	6m0	1			N	317	WK	214x	6m0	2			O-3

M	**97**	3a	11 14.8	+55 01	UMa	3.2	11.2	46

R	20	PI	10x	6m5	3	f		B	50	KH	10x	5m7	5-6			
B	50	RS	10x	6m8	5			R	63	KV	34x	5m5	3			
B	80	KH	20x	5m7	3			M	100	MC	50x	5m8	3			
N	114	DB	36x	5m5	4			N	114	DK	33x	4m8	2			DSF
N	114	SB	20x	5m0	3			N	114	RS	56x	6m0	2-3			
N	114	AV	50x	5m0	3			R	120	RS	102x	5m5	2-3	s		
S	125	FB	100x	5m2	3			R	125	HB	98x	6m0	2-3			O-3
R	130	BF	20x	7m2	1			N	140	SK	62x	4m8	3	s		UHC
N	140	SK	37x	4m8	4			N	140	RH	50x		3			
C	150	HB	56x	5m8	2-3		O-3	M	150	GI	72x	5m3	4			
M	150	PI	50x	4m5	4	f		N	150	RY	48x	5m4	3			
N	200	XY	45x	4m5	3-4		UHC	N	200	GK	91x	5m6	2			
S	200	MS	113x	5m0	2-3			S	200	PE	110x	5m5	2	s		UHC
N	200	DP	180x	5m0	3			S	203	PK	60x		3			
N	254	JM	42x	6m0	3-4			N	300	UN	50x	5m5	2	s		O-3
N	318	DS	102x	5m3	1-2			N	320	PI	80x	6m5	1			
N	368	RV	230x	5m8	1	s	O-3									

NGC	**3699**	PN	11 27 57.2	-59 57 29	Cen	1.00	14.0	427

N	304	PH	152x	5m2	3	s

NGC	**3918**	PN	11 50 17.8	-57 10 57	Cen	0.20	8.0	428

N	304	PH	102x	5m2	2	p

NGC	**4361**	PN	12 24 30.8	-18 47 05	Crv	1.8	10.3	328

R	90	SG	38x	6m3	3-4			N	105	JM	63x	6m5	3-4			
R	120	RS	64x	5m0	3	s	UHC	S	125	FB	83x	5m6	3			
M	150	PI	83x	5m0	3-4			N	200	HZ			3			
N	200	DP	180x	5m0	4			S	200	DK	148x	4m6	3	s		
S	200	DK	200x	6m0	3		O-3	S	200	PE	110x	5m0	2			
N	250	SB	100x	6m3	3	s		N	255	SK	290x	6m5	3	s		
S	280	PP	117x	5m5	1-2		UHC	N	317	WK	93x	4m0	3			O-3
N	317	TJ	230x	4m5	3			N	508	AS	341x	5m6	3			

IC	**3568**	PN	12 33 06.9	+82 33 49	Cam	0.1	11.6	9

R	120	RS	170x	5m5	2			N	150	WK	100x	5m4	2-3	f		
S	200	DK	290x	4m8	2			N	200	KV	240x	5m0	3	f		
N	250	SB	417x	5m6	2	s		N	400	CF	500x	6m3	1	p		
N	440	SK	285x	6m0	2	f										

PK	**303+40.1**	3a	12 53.6	-22 52	Hya	15	12.7	329

N	200	KV	30x	5m5	4	f	O-3

PK	**49+88.1**		12 59.4	+27 38	Com		15.3	108

N	250	SB	197x	6m8	4		O-3	S	254	TE	286x	6m6	4
N	400	CF	500x	6m3	4-5	p							

NGC	**5189**	PN	13 33 32.9	-65 58 27	Mus	2.60	10.3	451

R	100	PH	60x	4m5	3	f	UHC	N	304	PH	122x	4m8	1	s	UHC

PK	**318+41.1**	3b	13 40.6	-19 53	Vir	7.9	11.8	331

N	200	KV	48x	5m5	4-5	f	O-3	N	200	KV	30x	5m5	4	f		O-3
N	609	SK	168x	6m3	4	s	O-3									

NGC	**5307**	PN	13 51 03.3	-51 12 21	Cen	0.20	12.0	430

S	125	FB	74x	6m3	4		UHC

IC	**972**	PN	14 04 26.0	-17 13 41	Vir	0.7	14.9	286

N	200	KV	75x	5m5	7		O-3	N	609	SK	360x	6m3	3	s	O-3

IC	**4406**	PN	14 22 26.4	-44 09 04	Lup		10.6	404

S	125	FB	100x	6m1	3	f	UHC	N	255	SK	200x	6m5	2	s

PK	**342+27.1**	2	15 22.3	-23 37	Lib	0.1	11.6	334

N	317	WK	214x	5m0	3	f		N	400	CF	141x	6m0	3	f
N	508	AS	265x	4m3	3		O-3							

Planetarische Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6026	PN	16 01 21.0	-34 32 39	Lup	0.8	11.5	374

N	255	SK	200x	6m5	3		

NGC	6058	PN	16 04 26.6	+40 40 59	Her	0.4	13.3	79

R	120	RS	102x	5m5	3	s	UHC	R	120	RS	102x	5m5	3	f	
R	152	TE	150x	6m3	3	s	O-3	S	200	PE	110x	5m5	4	f	
S	200	JL	200x	5m0	3	f		S	200	DK	153x	5m0	3	f	UHC
N	200	KV	200x	6m0	3	f		N	200	DP	102x	6m0	4	f	
M	228	GI	148x	5m3	3			N	250	SB	150x	6m1	3		
S	250	GW	104x	4m5	3	f		N	255	SK	285x	5m8	3	f s	UHC
N	317	WK	312x	5m6	3			N	317	TJ	230x	5m0	3	f	
N	368	RV	368x	4m7	2-3		O-3								

IC	4593	PN	16 11 44.5	+12 04 17	Her	2.0	10.9	200

R	120	RS	170x	5m5	4			S	200	PE	200x	5m5	2	f	UHC
N	200	WK	250x	4m0	2-3	f	O-3	N	200	KV	240x	5m0	3	f	
M	228	GI	326x	4m9	2		DSF	N	250	SB	300x	5m1	3	f	
S	250	GW	104x	4m5	1	f		S	254	TE	286x	6m6	2		UHC
N	317	TJ	230x	5m0	3			N	609	SK	525x	6m3	1	f s	O-3

NGC	6072	PN	16 12 58.2	-36 13 48	Sco	1.2	14.0	374

N	255	SK	200x	6m5	3	s

PK	13+32.1	16 21.0	-00 17	Ser	14.6	246

N	400	CF	500x	6m0	2	f

PK	47+42.1	2e	16 27.5	+27 54	Her	3.0	13.0	156

R	120	RS	56x	5m0	5		UHC	S	200	DK	76x	5m0	5		UHC
N	200	KV	48x	6m5	4	f	O-3	N	317	WK	75x	5m5	4-5		O-3
N	317	TJ	62x	5m5	4			N	400	CF	96x	6m3	4		
N	400	CF	96x	6m3	3	s	O-3	N	440	SK	133x	6m0	3-4	s	O-3

NGC	6210	PN	16 44 29.5	+23 48 00	Her	0.2	9.3	156

B	50	PA	10x	5m5	4	p		B	50	CF	8x	6m3	3	p	
R	63	KV	84x	5m0	3	f		R	90	SG	143x	6m9	3	f	
N	114	DK	167x	4m8	2	f		N	114	RS	150x	6m0	1-2	f	
R	120	RS	400x	5m0	2	f		N	140	RH	100x	6m0	3-4		
N	150	MB	130x	5m5	2	f s		N	200	DP	100x	5m0	3	f	
S	200	JL	100x	5m0	3	f		S	200	MC	200x	5m4	1-2		
N	200	GK	228x	5m8	3		O-3	S	203	DS	203x	5m4	2		
M	228	GI	326x	5m3	2	f	UHC	N	250	SB	300x	6m0	2		
S	250	GW	104x	4m5	1	f		N	254	JM	254x	4m5	3		
S	254	TE	286x	6m6	2		UHC	N	255	SK	100x	5m4	2	f	
N	317	WK	312x	5m6	2	f		N	400	CF	240x	6m3	1		

PK	351+9.1	16 50.3	-30 20	Oph	0.1	14.1	375

N	400	CF	141x	4m5	4	p	O-3

PK	353+8.1	1	16 55.7	-29 50	Oph	0.1	12.8	375

N	400	CF	141x	4m5	3	p

IC	4634	PN	17 01 33.6	-21 49 34	Oph	0.2	12.3	337

S	125	FB	100x	5m7	3			S	200	PE	200x	5m5	2	f	UHC
N	200	KV	200x	5m0	3	p									

PK	10+18.2	17 05.6	-10 08	Oph	0.3	14.6	292

N	400	CF	250x	5m5	3	s	O-3

PK	18+20.1	17 12.9	-03 16	Oph	0.1	13.4	247

N	400	CF	240x	6m2	3	

NGC	6302	PN	17 13 44.1	-37 06 14	Sco	0.8	13.0	376

S	125	FB	195x	6m1	3	f		N	200	KV	200x	5m5	3	f	
N	255	SK	200x	6m3	3	s		N	400	DP	225x	5m0	3	f	

PK	75+35.1	17 13 50	+49 16 11	Her	14.5	81

S	254	TE	286x	6m7	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6309	PN	17 14 04.3	-12 54 39	Oph	1.1	10.8	292

S	125	FB	100x	5m7	3	f		S	200	PE	110x	5m7	2	s	
S	200	DK	333x	5m0	2	s		N	200	KV	200x	5m0	3-4		
N	200	HZ	190x	5m5	3			M	228	GI	124x	4m9	3		O-3
N	250	SB	417x	5m5	3	s	O-3	N	255	SK	200x	5m7	2-3		
N	317	WK	170x	6m0	2-3			N	317	TJ	213x	4m5	3		
N	400	CF	240x	5m6	2	s									

NGC	6369	PN	17 29 20.4	-23 45 35	Oph	1.1	12.9	338

R	90	SG	143x	6m9	3-4	f		S	125	FB	100x	5m7	3	f	
S	200	PE	78x	5m0	2	f	UHC	N	200	WK	75x	5m1	3		O-3
N	200	KV	200x	5m0	3	s		N	200	KV	120x	4m0	4	f	
N	200	GK	228x	5m8	3-4			N	250	SB	300x	5m0	3	s	
N	304	PH	150x	4m8	2	f	UHC	N	317	TJ	230x	5m0	3	s	

PK	5+6.1	17 35.4	-20 57	Oph	0.2	13.5	338

N	360	RS	200x	7		O-3

PK	45+24.1	4	17 42.5	+21 27	Her	47"	15.1	158

M	228	GI	326x	4m9	6	

NGC	6439	PN	17 48 20.3	-16 27 34	Sgr	0.1	13.8	339

S	200	PE	78x	5m5	3	p	UHC	N	360	RS	81x		3	p	O-3

NGC	6445	PN	17 49 15.1	-20 00 34	Sgr	0.6	13.2	338

R	120	RS	102x	5m0	2	s		S	125	FB	100x	5m9	2	s	
S	200	PE	78x	5m0	2		UHC	N	200	KV	200x	6m0	3	s	
N	200	KV	170x	4m5	3-4			N	317	TJ	230x	4m7	3		

PK	36+17.1	2c	17 53.6	+10 37	Oph	3.0	14.6	204

N	317	TJ	62x	5m0	5		O-3	N	609	SK	168x	5m9	3	s	O-3

PK	53+24.1	2	17 54.4	+28 00	Her	5.2	12.0	116

S	200	PE	70x	5m7	2	p	UHC	S	200	DK	118x	4m7	3	p	UHC
N	200	KV	200x	6m5	3	p	O-3	S	250	FB	202x	5m1	4	f	UHC
N	250	SB	417x	6m0	3	f	O-3	S	254	TE	286x	6m7	3-4	f	UHC
N	317	WK	170x	6m0	3	p	O-3								

IC	4670	PN	17 55 07.0	-21 44 41	Sgr	0.1	15.0	339

N	360	RS	200x	3-4	p	O-3	

NGC	6543	PN	17 58 33.4	+66 37 59	Dra	5.8	8.8	30

B	50	CF	10x	6m4	2	p		B	50	PA	10x	5m4	2	p	
R	63	KV	210x	5m0	1			R	90	MM	100x	5m0	3		
R	90	TJ	38x	5m0	2			N	114	SB	125x	4m8	2		
N	114	RS	150x	6m0	1-2			N	114	DK	250x	5m0	2		
R	120	RS	255x	5m5	2			S	125	FB	129x	5m6	2		
R	125	HB	148x	5m3	1-2		O-3	S	125	FB	74x	6m3	3		
N	140	SK	62x	5m5	3			N	140	RH	100x	5m6	2-3		
N	150	MB	200x	5m5	2	f		N	200	KV	240x		1		
S	200	MC	200x	5m4	1	s		S	203	PK	110x		1-2		
M	228	GI	326x	4m7	2	s	UHC	S	250	FB	60x	5m8	2	f	UHC
N	250	SB	300x	6m2	2	s		N	300	UN	300x	5m1	2	s	
N	300	UN	160x	5m0	2	f		N	300	UN	100x	5m0	2	p	
N	317	WK	314x	6m3	2	s	O-3	N	320	PI	450x	5m5	3		
N	400	CF	240x	6m4	1	s		N	400	AT	200x	5m5	1		
N	440	SK	415x	5m5	1-2	s									

PK	13+4.1	2	17 59.0	-15 32	Ser	0.1	13	294

N	360	RS	81x	4-5	p	O-3	N	400	CF	320x	6m3	3	f		

PK	352-7.1	1	18 00.2	-38 50	CrA	0.4	11.4	277

N	200	KV	75x	5m5	6		O-3

IC	4673	PN	18 03 18.4	-27 06 24	Sgr	0.2	14.5	339

N	360	RS	200x	4	f	O-3	

Planetarische Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6537**	PN	18 05 13.0	-19 50 34	Sgr	0.2	12.5	339

S	200	PE	78x	5m7	4	p	UHC	N	360	RS	200x		4-5	f	O-3
N	400	DP	225x	5m5	3			N	400	CF	320x	5m2	2	f	

PK	**15+3.1**	1	18 07.5	-13 29	Ser	0.1	18.3p	294

N	400	CF	320x	6m3	7		O-3

PK	**8-1.1**	2	18 08.4	-22 17	Sgr	0.1	13.9	339

N	400	CF	320x	5m2	3	p

NGC	**6565**	PN	18 11 52.5	-28 10 43	Sgr	10	13.2	339

N	360	RS	81x		3-4	p	O-3

NGC	**6563**	PN	18 12 02.6	-33 52 06	Sgr		14.0	377

N	105	JM	63x	6m5	4

NGC	**6572**	PN	18 12 06.4	+06 51 13	Oph	0.1	9.0	204

R	50	RS	10x		2	p	O-3	B	50	PA	10x	5m3	3	p	
R	60	JL	35x	4m5	3			R	63	KV	120x	4m5	2		
R	80	DS	67x	5m1	2			R	90	SG	143x	6m3	3	f	
R	102	DS	100x	5m3	2-3			N	114	DK	167x	4m4	3	p	
N	114	RS	150x	6m0	2	f		N	114	JL	45x	4m5	2		
R	120	RS	400x	6m0	2	f		R	125	HB	173x	5m0	1		O-3
S	125	FB	100x	5m7	3		UHC	M	150	PI	250x	5m5	1	f	
S	200	DK	290x	4m8	1	f		M	228	GI	326x	4m5	1	s	O-3
M	228	GI	258x	5m0	2	s	UHC	S	250	FB	202x	5m8	2		UHC
N	250	SB	300x	5m1	2			N	254	JM	363x	4m5	3		
N	255	SK	200x	5m7	3			N	317	WK	312x	6m2	2		

NGC	**6567**	PN	18 13 45.1	-19 04 34	Sgr	0.1	11.7	339

R	120	RS	102x	6m0	3	f	UHC	S	200	PE	70x	5m0	2	f	UHC
N	255	SK	200x	5m7	2	f		N	400	CF	320x	6m2	2-3		

PK	**24+5.1**		18 14.3	-04 59	Ser	0.7	14	249

N	203	KV	48x	6m0	7	O-3

PK	**19+3.1**		18 15.3	-10 10	Ser	0.1	15.1p	294

N	400	CF	320x	6m3	4	p

NGC	**6578**	PN	18 16 16.5	-20 27 02	Sgr	8.5	13.1	339

R	120	RS	170x	6m0	3		UHC	S	200	PE	200x	5m7	4		UHC
N	360	RS	200x		3	f	O-3	N	400	CF	320x	6m2	3-4		

PK	**38+12.1**		18 17.6	+10 09	Ser	0.1	13.6	204

N	360	RS	200x		7	O-3

PK	**94+27.1**		18 21.9	+64 22	Dra	1.9	14.2	30

N	500	CF	71x	6m8	5	O-3

NGC	**6620**	PN	18 22 54.2	-26 49 18	Sgr	0.1	15.0	339

N	360	RS	200x		4	f	O-3

NGC	**6629**	PN	18 25 42.4	-23 12 10	Sgr	0.3	11.6	340

S	125	FB	74x	5m9	4	f		N	155	SK	126x	6m5	3	f	UHC
S	200	PE	110x	5m7	3	f	UHC	N	200	HZ	190x	5m5	3		
N	400	DP	225x	5m5	3			N	400	CF	320x	6m2	2		

PK	**27+4.1**	1	18 26.7	-02 43	Ser	0.3	15.0	250

N	400	CF	320x	6m3	4	p	O-3

PK	**15-3.1**	2	18 30.2	-16 45	Sct	1.0	12.6	295

N	200	KV	75x	6m0	7	O-3

PK	**20-0.1**	3b	18 30.3	-11 37	Sct	302"	12.9	295

N	440	SK	133x	5m9	7	O-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**55+16.1**	3b	18 31.3	+26 56	Lyr	67"	15.6	160

N	609	SK	168x	5m6	4	

PK	**8-7.1**		18 31.9	-24 47'	Sag	25"		340

N	400	CF	240x	5m6	5	p	O-3

NGC	**6644**	PN	18 32 34.7	-25 07 44	Sgr	0.1	12.2	340

N	360	RS	81x		2-3	p	O-3	N	400	CF	320x	5m2	2	p

IC	**4732**	PN	18 33 54.6	-22 38 41	Sgr	0.1	13.3	340

N	360	RS	200x		3	p	O-3	N	400	CF	320x	5m2	2	p

PK	**10-6.2**	2	18 34.9	-22 43	Sag	0.1	15.1p	340

N	400	CF	320x	5m2	3-4	f

PK	**14-5.1**		18 36 32.1	-19 19 25	Sag		11.72	340

N	400	CF	500x	5m6	7		O-3	N	400	CF	500x	5m6	3	f

PK	**14-5.2**		18 37 11.1	-19 02 23	Sag			340

N	400	CF	500x	5m6	3	p

PK	**28+1.1**		18 37.6	-03 06	Ser	0.1	13.9	250

N	360	RS	200x		4-5	f	O-3

PK	**43+11.1**		18 37.8	+14 29	Ser	0.1	13.9	204

S	254	TE	286x	6m5	3	p		N	360	RS	200x		7	O-3

PK	**22-2.1**	2	18 40.3	-10 40	Sct	0.1	13.5p	295

N	400	CF	240x	6m4	2-3	f

PK	**22-3.1**	2	18 42.9	-11 07	Sct	0.1	12.5	295

N	400	CF	240x	6m4	2	f	O-3

PK	**23-2.1**		18 43.3	-09 05	Sct	0.1	12.4	295

S	200	PE	110x	5m5	4	p	UHC	N	368	RV	80x	5m2	3	p	O-3

PK	**26-1.1**		18 45.6	-06 18	Sct	0.3	15.7p	295

N	400	CF	141x	6m4	4		O-3

PK	**19-5.1**	1	18 45.9	-14 28	Sct	0.1	12.2p	295

S	200	PE	78x	5m5	3	p	UHC	N	400	CF	320x	6m3	2	p

PK	**25-2.1**	2+3b	18 46.4	-07 14	Sct	0.1	16.1p	295

N	400	CF	320x	6m4	5	f	O-3

PK	**26-2.1**	2b	18 47.5	-06 54	Sct	0.1	14.0	295

N	400	CF	320x	6m4	3	f	O-3

PK	**24-3.1**	3+2	18 47.7	-09 09	Sct	0.1	14.8	295

N	400	CF	320x	6m3	4	f	O-3

PK	**51+9.1**		18 49.7	+20 51	Her	0.1	11.4	160

S	200	PE	110x	5m5	2	p	UHC	S	200	DK	118x	4m5	3	p	UHC
N	250	SB	417x	5m7	3		O-3	S	254	TE	286x	6m5	2-3	f	
N	400	CF	500x	6m4	2	f									

PK	**20-5.1**		18 50 44.1	-13 31 06	Sct		12.0	295

N	400	CF	500x	6m0	3	f

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**64+15.1**	4	18 50.0	+35 15	Lyr	0.3	13.3	117

S	200	PE	70x	5m5	4	f	UHC	S	200	DK	227x	5m2	3		
N	200	KV	200x	6m5	3-4	f		S	200	MC	100x	6m0	4-5		
S	200	MC	200x	5m6	7		O-3	N	250	SB	221x	5m5	3		
S	254	TE	286x	6m5	3	s	UHC	N	317	WK	312x	5m5	3-4	f	O-3
N	317	TJ	230x	5m0	4										

PK	**26-2.3**	2	18 50.7	-07 01	Sct	0.1	14.3	295

N	400	CF	500x	6m4	3	f

PK	**21-5.1**	2	18 51.5	-13 11	Sct	0.1	13.2	295

S	200	PE	110x	5m5	5	f	UHC	N	400	CF	320x	6m3	3	f

PK	**27-3.1**		18 53.5	-06 29	Ser	0.5	16.5p	295

N	360	RS	200x		5		O-3	N	400	CF	96x	6m3	5	p	O-3
N	609	SK	168x	6m2	5		O-3								

M	**57**	3+4	18 53.6	+33 02	Lyr	2.5	9.0	117

B	26	PI	10x	6m3	4	p		B	50	AM	10x	6m0	1	p	
B	50	GG	12x	6m0	7			B	50	PA	10x	4m9	3	p	
B	50	PI	10x	6m3	2	p		R	54	JL	41x	5m5	2-3	f	
B	60	DK	20x	5m0	3	p		R	60	PA	42x	4m9	3	s	
R	63	KV	84x	5m5	1	s		R	68	SK	71x	5m3	1		
B	70	MC	25x	5m2	2			R	70	UN	22x	5m2	4	f	
R	72	MS	80x	5m0	2			N	76	KH	88x	5m5	3	s	
B	80	PI	20x	6m3	1	f		R	80	WD	85x	6m0	2	f	UHC
R	90	SG	143x	6m9	1			R	90	MM	100x	5m5	1-2		
M	100	MC	100x	5m1	2	s		N	105	JM	73x	5m3	2		
N	110	CW	96x	5m0	1	s		N	114	SB	125x	5:	3	s	
N	114	DK	83x	4m0	1	s		N	114	AV	167x	5m3	1-2		
S	125	FB	100x	5m1	2		UHC	N	140	RH	50x		1-2		
M	150	GI	72x	5m3	1	s		S	200	HM	95x	4m8	2		
N	200	GK	119x	5m8	1			S	200	HL	206x		2		
S	200	MS	200x	6m0	1		LPR	S	200	MC	200x	5m2	1	s	
S	203	DS	203x	5m4	1-2			N	250	SB	300x	5m3	1	s	
N	300	UN	300x	5m2	2	s		N	300	UN	160x	5m2	1		
N	300	UN	50x	5m2	2	s		N	300	UN	160x	5m2	1	s	
N	320	PI	240x	6m3	1										

IC	**1295**	PN	18 54 37.1	-08 49 37	Sct	1.4	15.0	295

R	120	RS	25x	6m0	3		UHC	S	200	PE	70x	5m7	3	f	UHC
N	200	KV	75x	5m0	3	f	O-3	N	200	DP	180x	6m0	3	f	UHC
S	250	FB	96x	5m1	3	f	UHC	N	250	SB	100x	6m1	3	s	O-3
N	317	WK	93x	6m2	3	s	O-3	N	317	TJ	89x	5m0	3		O-3
N	368	RV	230x	5m2	3		O-3	N	400	DP	225x	6m5	3	f	O-3
N	440	SK	285x	5m9	3	s									

PK	**27-3.2**		18 54.0	-06 26	Ser	0.1	13.4p	295

N	360	RS	200x		2-3	p	O-3	N	368	RV	80x	5m2	3-4	p	O-3
N	400	CF	320x	6m3	2-3	p		N	609	SK	280x	6m2	2	f	O-3

PK	**24-5.1**	2	18 54.3	-10 05	Sct	22.1"		295

N	400	CF	240x	6m0	3		N	440	SK	285x	5m9	3

PK	**25-4.1**		18 54.3	-08 53	Sct		14.2p	295

N	400	CF	141x	6m1	3	p

PK	**32-2.1**		18 58.4	-01 04	Ser	0.1	13.0	250

S	200	PE	200x	5m5	3	p	UHC	N	360	RS	200x		3	p	O-3

NGC	**6742**	PN	18 59 19.8	+48 27 57	Dra	0.5	15.0	83

N	200	DP	102x	5m5	5	f	O-3	S	200	PE	110x	5m5	4		UHC
N	254	JM	98x	5m3	3-4	f	O-3	N	317	WK	93x	6m2	3		O-3
N	317	TJ	62x	6m0	3-5		O-3	N	609	SK	280x	5m4	3	s	

PK	**52+7.1**		18 59.0	+20 37	Sge	0.5	13.6p	161

N	400	CF	141x	6m4	7		O-3

PK	**17-10.1**	4	19 01.0	-18 12	Sgr	1.0	13.5	341

N	400	CF	141x	6m4	5-6		O-3

NGC	**6741**	PN	19 02 37.0	-00 26 58	Aql	0.1	10.8	251

S	200	PE	110x	5m0	2	p	UHC	N	200	DP	128x	5m0	3		UHC
S	200	MC	200x	6m0	2	p		M	228	GI	124x	5m0	2		O-3
S	250	FB	202x	5m1	3	f	UHC	S	250	GW	104x	4m5	3		
N	317	WK	312x	5m8	3	p	O-3	N	368	RV	80x	5m0	7		O-3

PK	**36-1.1**	3b+3	19 02.0	+02 09	Aql	1.8	13.2	251

R	120	RS	64x	5m5	5		UHC	S	200	PE	110x	5m0	4	f	UHC
N	200	KV	75x	5m0	4	f	O-3	N	250	SB	100x	5m7	5		O-3
N	317	WK	93x	6m3	3-4		O-3	N	317	TJ	80x	5m0	4		O-3
N	368	RV	80x	5m0	3-4		O-3	N	400	CF	141x	5m5	3	s	O-3
N	508	SK	280x	6m0	3-4	s	O-3								

PK	**51+6.1**	4	19 03.6	+19 21	Sge	0.7	15.2	161

N	400	CF	141x	6m4	4-5		O-3

PK	**48+4.2**		19 04.9	+15 48	Aql	0.1	16.5p	206

N	400	CF	320x	6m2	4	p	O-3

NGC	**6751**	PN	19 05 55.5	-05 59 32	Aql	0.3	12.5	296

R	120	RS	102x	5m5	3-4	s		S	200	PE	110x	5m7	2	f	UHC
N	200	WK	250x	6m0	3			N	200	JL	162x	5m0	3-4		
N	200	DP	128x	5m0	3			S	200	MC	200x	5m4	3		
M	228	GI	182x	5m4	2	s	UHC	S	250	FB	202x	5m1	2-3	f	
N	250	SB	300x	5m1	3			S	250	GW	104x	4m5	2		
N	255	SK	200x	5m7	3	s		N	317	TJ	230x	4m0	3		
N	318	DS	102x	5m2	3										

PK	**40-0.1**	4	19 06.8	+06 24	Aql	0.5	15.5	206

N	400	CF	96x	6m3	4-5		O-3	N	609	SK	168x	6m4	4		O-3

PK	**33-5.1**		19 10.5	-02 21	Aql	0.7	15.4	251

N	317	WK	93x	6m3	4		O-3

NGC	**6765**	PN	19 11 06.5	+30 32 45	Lyr	0.6	12.0	118

R	120	RS	102x	6m0	4	s		S	200	PE	110x	5m5	4		O-3
S	200	DK	118x	5m2	3		UHC	N	200	KV	120x	6m0	4		O-3
N	200	JL	92x	6m5	5			N	200	JL	92x	6m5	3-4		UHC
N	200	DP	102x	5m5	5		O-3	S	200	MC	100x	5m9	4		O-3
M	228	GI	78x	4m3	2	s		S	250	FB	167x	5m6	3-4	f	UHC
N	250	SB	221x	6m2	3		O-3	N	254	RV	70x	5m0	5		O-3
N	317	WK	93x	5m3	3		O-3	N	609	SK	360x	6m8	2	s	

PK	**49+2.1**	4-2	19 13.1	+15 47	Aql	0.2	18.6p	206

N	400	CF	240x	5m8	5	p	O-3

PK	**37-3.2**	4	19 13.1	+02 53	Aql	3.0	12.4	251

N	200	KV	75x	7m0	7		O-3

PK	**39-2.1**	2	19 13.6	+04 38	Aql	0.1	14.9p	251

N	400	CF	240x	5m8	4	f	O-3

PK	**48+1.1**	4	19 13.6	+14 59	Aql	0.1	14.9	206

N	400	CF	240x	5m8	3-4	p	O-3

NGC	**6772**	PN	19 14 36.4	-02 42 24	Aql	1.0	14.2	251

R	120	RS	64x	5m5	5			R	120	RS	64x	5m5	3		UHC
S	200	PE	70x	5m5	3	f	UHC	N	200	KV	120x	6m0	4		
N	200	JL	60x	5m0	6			N	200	JL	60x	5m0	4		UHC
N	200	DP	102x	6m0	4		UHC	S	200	MC	100x	5m4	3		O-3
N	200	GK	91x	5m6	3-4		O-3	N	250	SB	150x	5m1	3		
S	250	GW	104x	4m5	5			N	254	JM	98x	5m3	3	f	O-3
N	317	WK	170x	6m2	3		O-3	N	368	RV	80x	5m0	3		O-3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**61+8.1**		19 14.5	+28 41	Lyr	16.4"	14.3	118

S	254	TE	214x	6m5	4		UHC										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**4846**	PN	19 16 28.3	-09 02 37	Aql	0.1	12.7	296

S	200	PE	110x	5m2	2	p	UHC	S	200	MC	200x	5m4	3	p			
S	250	FB	202x	5m1	3			S	250	GW	104x	4m5	4				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**58+6.1**		19 17.1	+25 37	Sge	0.6	14.7	161

N	360	RS	200x		5		O-3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6778**	PN	19 18 24.9	-01 35 47	Aql	0.3	13.3	251

R	120	RS	102x	6m0	3	s		S	200	PE	110x	5m5	3	f			
N	200	KV	120x	5m0	4			N	200	JL	160x	5m0	4				
N	200	DP	180x	6m0	3			S	200	MC	200x	5m4	3				
M	228	GI	182x	5m4	2		UHC	S	250	FB	202x	5m1	2-3	f			
N	250	SB	300x	5m1	3			S	250	GW	104x	4m5	2				
N	254	JM	181x	5m3	3	f		N	255	SK	200x	5m7	3	f			
N	317	WK	170x	6m2	3		O-3	N	368	RV	80x	5m0	2				O-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6781**	PN	19 18 28.3	+06 32 23	Aql	1.8	11.8	206

B	80	PI	20x	6m5	3	f		B	100	RS	20x	6m0	3-4	s			
R	120	RS	64x	6m0	2	s	UHC	N	150	RY	80x	5m7	3	f			
N	155	SK	126x	5m6	4		UHC	S	200	MC	100x	6m0	2	s	UHC		
S	200	DK	118x	4m8	2-3	s	UHC	S	200	PE	110x	5m5	3	s	UHC		
S	200	DK	67x	4m8	3			N	200	HZ	40x		3	f			
N	200	JL	60x	5m0	3		UHC	N	200	KV	120x	6m0	3				
N	200	TJ	46x	5m0	3		UHC	N	200	GK	91x	5m8	2				
S	203	PK	60x		3-4		BB	M	228	GI	78x	4m8	3-4		UHC		
S	250	GW	104x	4m5	1	s	O-3	N	250	SB	150x	5m7	3	s			
S	250	FB	167x	5m3	3	s	UHC	N	254	JM	181x	4m5	3-4		O-3		
S	254	DS	202x	5m3	3			N	255	SK	200x	5m6	3	s	UHC		
N	317	WK	93x	6m3	2	s		N	320	PI	144x	5m7	3		O-3		
N	368	RV	80x	5m0	2	s	O-3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**26-11.1**		19 18.3	-11 06	Aql	0.3	14.0	296

N	400	CF	240x	5m8	3-4	p											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**40-3.1**		19 18.5	+05 13	Aql	0.1	15.7p	206

N	400	CF	240x	5m8	4	p	O-3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**77+14.1**	2b	19 19.2	+46 15	Cyg	3.1	13.5	83

N	200	KV	30x	6m5	7		O-3	N	200	KV	30x	5m5	6		O-3		
N	317	WK	75x	6m0	5-6		O-3	N	317	TJ	62x	6m0	4		O-3		
N	368	RV	80x	5m5	7		O-3	N	400	CF	68x	5m8	4-5		O-3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**25-11.1**		19 19.3	-12 16	Sgr	1.3	15.5	296

N	500	CF	71x	6m8	5		O-3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**43-3.1**	4+3	19 21.0	+07 37	Aql	0.1	14.8p	206

N	400	CF	240x	5m8	4												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6790**	PN	19 22 57.0	+01 30 47	Aql	0.1	10.2	251

S	200	PE	110x	5m7	2	p	UHC	N	200	DP	128x	6m0	4	f			
S	200	MC	200x	5m4	2	p		S	250	FB	167x	5m6	2	p	UHC		
N	250	SB	300x	5m7	3		O-3	S	250	GW	104x	4m5	2				
N	254	RV	140x	4m8	4			N	255	SK	290x	5m7	2-3	p			
N	317	TJ	66x	5m0	3			N	317	WK	312x	5m8	2-3	p	O-3		
N	368	RV	80x	5m0	2		O-3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**45-2.1**		19 24.4	+09 54	Aql	0.1	12.7	206

S	200	PE	110x	5m5	4	p	UHC	N	250	SB	300x	5m7	3	p	O-3		
N	360	RS	81x		3-4	p	O-3	N	368	RV	80x	5m0	3	p	O-3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**31-10.1**	2	19 27.0	-06 35	Aql	0.1	12.4	296

N	360	RS	81x		2-3	p	O-3	N	400	CF	240x	5m8	2-3	p			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**46-3.1**		19 27.8	+10 24	Ser	0.1	14.0	206

N	317	WK	170x	6m0	4	f	O-3	N	360	RS	200x		4	f	O-3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**48-2.1**		19 28.2	+12 20	Aql	0.2	14.8p	207

N	400	CF	240x	5m8	3-4	f	O-3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6803**	PN	19 31 16.5	+10 03 47	Aql	0.1	11.3	207

S	200	PE	340x	5m5	2	p		N	200	DP	180x	5m5	3	p	UHC		
S	200	MC	286x	5m3	2	p		M	228	GI	326x	4m5	2		O-3		
S	250	FB	167x	5m9	3	p		N	250	SB	300x	5m8	3	f	O-3		
S	250	GW	104x	4m5	3			S	254	DS	202x	5m4	2	f			
N	254	JM	181x	4m5	3		O-3	S	280	PP	467x	6m5	1	f			
N	317	TJ	230x	5m0	2	p	O-3	N	368	RV	80x	4m6	2	p	O-3		
N	440	SK	285x	5m8	2	p											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6804**	PN	19 31 35.4	+09 13 31	Aql	1.1	12.2	207

N	114	RS	56x	6m0	1			R	120	RS	102x	6m0	3	s			
R	125	HB	173x	5m0	2-3		O-3	N	150	RY	80x	5m7	3-4				
N	155	SK	126x	5m6	3		UHC	S	200	MC	200x	5m0	3				
N	200	KV	120x	5m0	3			N	200	JL	60x	5m0	3		UHC		
N	200	DP	180x	5m0	3			S	200	PE	49x	5m5	3	f			
S	200	DK	118x	4m9	2		UHC	N	203	RH	120x	5m4	2				
S	203	PK	60x		3	s		M	228	GI	148x	5m4	2		UHC		
N	250	SB	221x	5m1	3	s		S	250	FB	167x	5m3	2	s	UHC		
S	250	GW	104x	4m5	1	s		S	254	DS	202x	5m3	3				
N	254	JM	181x	4m5	3			S	280	PP	233x		1		O-3		
N	317	TE	317x	6m5	1	s		N	317	WK	312x	6m3	2	s			
N	318	DS	153x	5m6	3			N	320	PI	144x	5m0	2	f			
N	400	DP	225x	6m0	2												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**44-5.1**		19 32.6	+07 28	Aql	0.2	15.9p	207

N	400	CF	240x	5m8	4	f	O-3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**47-4.1**		19 33.4	+10 38	Aql	2.6	14.8	207

N	203	KV	30x	7m0	7		O-3	N	440	SK	133x	6m4	4		O-3		
N	500	CF	71x	6m8	5		O-3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6807**	PN	19 34 33.5	+05 41 02	Aql	0.1	13.8	207

S	200	PE	110x	5m5	3	p	UHC	S	200	MC	286x	5m0	2-3	p			
N	250	SB	300x	5m7	3	p	O-3	S	254	DS	202x	5m3	2	p			
N	368	RV	80x	5m0	3	p	O-3	N	400	CF	141x	6m2	1	p			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**64+5.1**		19 34.8	+30 31	Cyg	0.1	11.3	118

S	200	DK	454x	4m6	2	f		N	200	GK	170x	5m8	2		H-ß		
S	200	MC	200x	5m7	3		UHC	S	250	FB	391x	5m9	4				
N	250	SB	300x	5m0	3			N	254	RV	140x	5m0	3-4				
N	320	PI	240x	6m5	2	p											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**55-0.1**		19 38.4	+19 42	Vul	0.1	14.0p	162

S	200	PE	110x	5m5	4	p	UHC	N	400	CF	500x	6m2	2	f			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**52-2.2**		19 39.2	+15 57	Aql	0.1	11.8	207

S	200	PE	110x	5m5	3	p	UHC	N	250	SB	300x	5m9	3	p	O-3		
N	317	WK	170x	6m0	3	p	O-3	N	368	RV	230x	5m0	2		O-3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**53-3.2**		19 41 57.0	+16 44 39	Sge		10.6	207

N	250	SB	300x	6m5	3	p	O-3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**51-3.1**	2	19 41.2	+14 57	Aqu	5.4"	13.7	207

S	200	PE	200x	5m5	4	p	UHC	N	368	RV	80x	5m0	4	p			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**53-3.1**	II	19 42 10.4	17 05 07.	Sge	40"	17.1	162

N	430	AS	203x	6m0	6		O-3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**52-4.1**	1	19 42.3	+15 09	Aql	0.1	12.8p	207

S	200	PE	110x	5m5	3	p	UHC	N	250	SB	300x	5m9	3	p	O-3		
N	317	WK	170x	6m0	3	p	O-3	N	368	RV	80x	5m0	3		O-3		

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6818**	PN	19 43 57.8	-14 09 11	Sgr	0.3	9.9	297

A	7	PI	1x	6m3	2			B	80	PI	20x	6m3	4	f	
R	90	SG	143x	6m9	3	f		N	114	RS	150x	6m0	2	s	
R	120	RS	170x	5m5	1-2	s		R	125	HB	173x	5m0	1	s	O-3
S	125	FB	100x	6m2	3	f		R	152	TE	133x	6m5	2		
S	200	MS	200x	5m0	2			S	200	DK	227x	4m5	1	s	
N	200	KV	240x	5m0	2			S	203	PK	110x		3-4	s	BB
M	228	GI	148x	4m8	1	s	UHC	N	250	SB	300x	6m5	2	s	
N	254	JM	98x	5m0	3-4			N	255	SK	290x	5m7	3	s	
S	280	PP	311x	6m5	1	s		N	318	DS	102x	4m9	2		
N	320	PI	144x	6m3	3			N	400	DP	425x	6m5	2-3	f	

NGC	**6826**	PN	19 44 48.2	+50 31 30	Cyg	2.3	9.8	55

R	60	PA	84x	5m3	4			R	63	KV	120x	5m0	4		
R	90	SG	38x	6m3	2			R	90	MM	100x	5m0	4		
N	105	JM	92x	5m0	2			N	110	CW	96x	5m3	2	s	
N	114	SB	125x	5m2	3			N	114	RS	180x	6m0	1-2		
R	120	RS	170x	5m5	1-2	s		N	140	RH	100x	5m4	2-3		
N	140	SK	63x	5m8	2	f		M	150	PI	38x	6m	4		
C	150	HB	141x	5m8	1		O-3	N	200	DP	180x	4m5	3	s	
S	200	DK	227x	5m0	1	s		N	200	GK	228x	5m6	2		
S	200	MC	200x	5m6	1	s		S	203	PK	110x		3		
M	228	GI	258x	4m9	2	s	UHC	N	250	SB	300x	5m0	2	s	
S	250	FB	167x	5m3	1			S	254	DS	167x	6m0	1-2		
N	254	JM	212x	5m0	2	f	O-3	N	300	DR	310x	6m1	1-2		O-3
N	317	WK	212x	6m2	2	s		N	318	DS	153x	5m7	1	s	

PK	**44-9.1**	3	19 45.6	-05 35	Aql	40"	15.3	252

N	440	SK	133x	6m3	7	O-3

PK	**59-1.1**	19 48.5	+22 09	Vul	0.1	162

N	360	RS	200x		7		O-3	N	400	CF	141x	6m0	3-4	O-3

NGC	**6833**	PN	19 49 46.6	+48 57 40	Cyg	0.1	13.8	84

S	200	PE	110x	5m5	3	p	UHC	S	200	DK	118x	5m0	3	p	UHC
N	200	DP	128x	5m0	3	p	UHC	N	250	SB	417x	4m5	3	p	O-3
N	254	RV	140x	5m0	3	p	O-3	N	317	WK	214x	6m3	3	p	
N	360	RS	81x		2	p	O-3								

NGC	**6842**	PN	19 55 02.3	+29 17 21	Vul	0.8	13.6	119

N	150	MB	48x	5m5	7			N	200	JL	60x	6m5	7		
S	200	PE	110x	5m5	4		UHC	S	200	DK	118x	5m3	3		UHC
S	200	MC	77x	5m7	4		UHC	S	200	MC	133x	5m3	5		UHC
N	200	KV	120x	6m0	4		O-3	M	228	GI	78x	5m1	5		O-3
M	228	GI	78x	4m8	7		O-3	S	250	FB	96x	5m6	3		UHC
N	250	SB	139x	5m7	3		O-3	S	254	DS	167x	5m9	4		
S	280	PP	87x	6m5	1		O-3	N	317	TJ	62x	5m0	4		O-3
N	317	WK	93x	6m2	3			N	400	DK	154x	6m0	2	s	O-3
N	508	SK	180x	4m7	4		O-3								

PK	**75+5.1**	19 57.1	+39 50	Cyg	13.0	84

S	200	DK	118x	5m2	3	p	UHC	S	200	PE	78x	5m5	2	p	UHC
N	254	RV	140x	5m0	4	p	O-3	N	317	WK	312x	6m2	2	p	O-3
N	360	RS	81x		3	p	O-3	N	400	CF	141x	5m8	2	p	

PK	**19-23.1**	19 57.5	-21 37	Sgr	4.2	14.9	342

N	500	CF	71x	6m8	5	O-3	

PK	**43-13.1**	19 58.4	+0303	Aql	1.1	16.0	252

N	500	CF	71x	6m8	5	O-3	

PK	**68+1.2**	3b	19 59.3	+31 55	Cyg	0.4	14.5	119

N	360	RS	200x		3-4		O-3	N	400	CF	141x	6m3	5	f	O-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**27**	2+3	19 59.6	+22 43	Vul	15	8.1	162

B	30	KH	8x	5m8	2-3			B	50	SK	10x	5m0	1	f	
B	50	GG	7x	5m0	7			B	50	PA	10x	4m9	3	f	
B	60	DK	20x	4m0	2	f		R	60	PA	14x	5m4	2	s	
B	63	AV	9x	5m0	3	s		B	70	GI	16x	5m2	2	f	
B	70	MC	25x	5m2	2	s		R	80	DS	40x	5m4	1-2		
R	80	WD	40x	6m0	2	s	UHC	R	80	GW	38x	5m5	2	s	LPR
R	90	TJ	142x	6m0	2	s		R	90	SG	83x	6m9	1	s	
R	90	MM	100x	5m0	2			M	100	MC	50x	5m1	2	s	UHC
R	102	DS	50x	5m5	2	s		N	105	JM	73x	5m0	6		
N	110	CW	54x	4m9	1	s		N	114	SB	125x	5m2	2	s	
N	114	DB	36x	5m5	1	s	UHC	S	125	FB	74x	5m1	1		
N	140	RH	50x		1			M	150	PI	50x	5m	1	s	
R	150	DS	120x	5m6	1	s		N	200	GK	91x	5m8	1	s	O-3
S	200	HL	77x		1	s		S	200	PE	110x	5m0	1	s	
S	200	MC	100x	5m7	1	s		S	200	HM	48x	4m4	1		UHC
N	250	SB	221x	5m2	1	s		S	250	FB	78x	5m3	1	s	
N	300	UN	50x	4m9	1	s		N	300	UN	300x	4m9	1	s	
N	430	AS	141x	6m0	1	s									

NGC	**6852**	PN	20 00 39.2	+01 43 41	Aql	0.5	11.4	252

S	200	PE	78x	5m5	4		O-3	S	200	DK	118x	4m9	3		UHC
N	250	SB	221x	5m1	3			N	317	WK	170x	6m0	3		O-3
N	317	TJ	89x	5m0	3		O-3	N	360	RS	200x		4	f	O-3

PK	**60-4.1**	3	20 00.2	+21 43	Vul	0.6	16.8p	163

N	400	CF	96x	6m2	5	O-3	

PK	**56-6.1**	20 02.6	+17 37	Sge	0.3	14.7p	163

N	400	CF	240x	6m2	3	f	

PK	**75+4.1**	20 04.4	+39 35	Cyg	0.5	16.0p	84

N	254	RV	140x	5m0	7	O-3	

PK	**68-0.1**	3b+6	20 04.7	+31 27	Cyg	0.7	16.0	119

N	400	CF	141x	6m3	5	f	O-3	

PK	**79+6.1**	20 06.9	+44 15	Cyg	0.1	84

N	254	RV	140x	5m0	7	O-3	

PK	**79+5.1**	4+2	20 09.1	+43 44	Cyg	0.3	14.5p	84

N	254	RV	140x	5m0	7		O-3	N	317	WK	170x	6m0	3-4		O-3
N	360	RS	200x		4-5	f	O-3	N	400	CF	240x	5m8	3		

NGC	**6884**	PN	20 10 23.7	+46 27 40	Cyg	0.1	12.6	84

R	120	RS	170x	5m5	4	p		S	200	PE	200x	5m5	2	f	UHC
N	200	KV	240x	5m0	3	f		N	200	GK	170x	5m8	2		O-3
M	228	GI	148x	4m8	2		O-3	S	250	FB	202x	5m9	4		
N	250	SB	417x	4m5	3	f	O-3	N	254	RV	140x	5m0	3-4		O-3
S	254	DS	167x	6m0	2-3	f		N	254	JM	98x	5m3	3-4	f	
N	255	SK	200x	5m4	3	f		N	317	WK	312x	6m3	2-3	f	
N	400	CF	500x	6m4	1	f									

NGC	**6879**	PN	20 10 26.6	+16 55 23	Sge	0.1	13.0	208

S	200	PE	110x	5m5	3	p	UHC	N	200	WK	250x	4m5	3	p	O-3
M	228	GI	182x	4m5	2	p	O-3	S	250	FB	96x	5m6	3		UHC
N	250	SB	300x	4m8	3		O-3	N	360	RS	81x		4	p	O-3
N	400	CF	500x	6m4	2	f									

NGC	**6881**	PN	20 10 52.5	+37 24 42	Cyg	0.1	14.3	119

R	120	RS	170x	5m5	4	f		S	200	PE	110x	5m5	4	p	UHC
S	200	MC	200x	5m6	3	p	O-3	N	250	SB	197x	6m4	3	p	O-3
S	254	DS	167x	5m9	3	p		N	317	WK	312x	6m2	3	f	
N	360	RS	200x		4	p	O-3	N	609	SK	360x	6m5	2	f	

PK	**60-7.1**	3	20 11.9	+20 19	Sge	0.5	16.0	163

N	200	KV	200x	6m0	4	f	UHC	N	250	SB	300x	6m5	7		O-3
N	430	AS	366x	6m0	7										

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6886**	PN	20 12 42.8	+19 59 22	Sge	0.1	12.2	163

N	150	MB	48x	5m5	7			S	200	PE	110x	5m5	2	p	UHC
N	200	KV	200x	5m0	3	f	O-3	N	200	DP	180x	5m5	3	f	
M	228	GI	148x	5m0	2			S	250	FB	167x	5m6	3	p	
N	250	SB	300x	6m5	3	f	O-3	N	368	RV	230x	4m8	3		
N	400	CF	500x	6m4	2	f		N	430	AS	366x	6m0	4		O-3
N	609	SK	525x	5m8	2	f									

NGC	**6891**	PN	20 15 08.9	+12 42 15	Del	1.2	11.7	208

R	120	RS	170x	6m0	2	s		S	200	PE	110x	4m5	3	f	
N	200	WK	250x	4m5	2-3	f		N	200	KV	120x	5m0	3	f	
N	200	HZ			3	f		S	200	MC	133x	5m9	2		
S	203	PK	80x		3-4			M	228	GI	326x	5m1	2	s	
S	250	GW	104x	4m5	2			N	250	SB	300x	5m1	3		
S	250	FB	258x	5m9	2	f		N	254	JM	181x	5m3	3	f	
S	254	DS	202x	5m4	2	s		S	280	PP	311x	6m5	1	s	
N	317	TJ	230x	5m0	3	f		N	440	SK	285x	5m7	2		

NGC	**6894**	PN	20 16 24.0	+30 33 55	Cyg	0.7	14.4	119

R	120	RS	102x	5m5	4	s		N	150	MB	48x	5m5	4	f	
S	200	PE	110x	5m5	4		UHC	S	200	DK	118x	4m9	3		UHC
N	200	KV	75x	6m0	3-4			S	200	MC	100x	5m7	3		O-3
S	250	FB	167x	5m9	2	s	UHC	N	250	SB	197x	6m4	3	s	
S	254	DS	167x	5m9	3-4			N	254	JM	98x	5m3	3-4	f	O-3
N	255	SK	200x	5m9	3	s	UHC	N	317	WK	93x	6m2	3		O-3
N	317	TJ	89x	6m0	3		O-3	N	368	RV	230x	5m2	2-3	s	O-3
N	400	CF	240x	6m3	2	s									

PK	**65-5.1**	3+2	20 17.3	+25 22	Vul	0.2	14.6	163

N	360	RS	200x		4		O-3	N	400	CF	141x	6m0	4		O-3

IC	**4997**	PN	20 20 08.8	+16 43 54	Sge	0.1	11.6	163

N	150	GK	112x	6m5	3		O-3	S	200	PE	110x	5m5	2	p	UHC
S	250	FB	96x	5m6	3		UHC	N	250	SB	300x	5m1	3	f	O-3
S	254	DS	202x	5m4	2	f		N	360	RS	81x		2-3	p	O-3
N	400	CF	385x	5m8	2	p									

PK	**71-2.1**	1	20 21.1	+32 30	Cyg	0.1	14.5	120

N	317	WK	312x	6m2	4	p	O-3	N	360	RS	200x		4-5	p	O-3
N	400	CF	320x	6m3	3	f									

NGC	**6905**	PN	20 22 23.0	+20 06 16	Del	1.7	11.9	163

R	63	KV	120x	5m0	4			R	90	SG	143x	6m3	4		
N	110	CW	54x	5m5	4	f		R	120	RS	170x	5m0	2-3		
S	127	JM	181x	4m5	3			N	150	MB	130x	5m5	3	f s	
N	155	SK	126x	5m9	3			N	200	WK	250x	4m5	3		O-3
S	200	MC	200x	5m6	2			N	200	GK	119x	5m6	2	s	O-3
N	200	KV	240x	5m0	3			S	200	DK	145x	4m9	2		
S	200	PE	110x	4m5	3			N	200	DP	180x	6m0	4-5		UHC
M	228	GI	124x	5m1	2	u	UHC	N	250	SB	417x	6m6	2	s	
S	250	GW	104x	4m5	1			S	254	DS	202x	5m5	3	s	
S	280	PP	311x	6m5	1	s		N	317	WK	214x	6m0	2	s	
N	320	PI	144x	6m3	2			N	368	RV	230x	4m6	2		O-3
N	400	CF	320x	6m2	1	s									

PK	**38-25.1**	4	20 31.6	-07 05	Aql	0.7	14.5	298

N	200	KV	75x	6m0	4	f	O-3	S	200	PE	110x	5m5	4-5		UHC
N	317	WK	83x	5m0	4-5		O-3	N	400	CF	96x	6m0	3		O-3
N	609	SK	360x	6m3	3	s	O-3								

PK	**85+4.1**	3b	20 32.4	+47 21	Cyg	2.0	14.0	85

R	120	RS	56x	6m0	5		UHC	N	200	KV	30x	6m0	7		O-3
N	440	SK	220x	6m0	5		O-3	N	500	CF	71x	6m8	5		O-3

PK	**59-18.1**	20 50.1	+13 33	Del	2.15	13.8	15

N	203	KV	30x	6m0	4-5		O-3	N	254	RV	70x	4m5	6	O-3	
N	317	WK	93x	6m0	4		O-3	N	440	SK	143x	5m9	4	s	O-3
N	500	CF	71x	6m8	3-4	s	O-3								

PK	**77-5.1**	20 51.0	+35 35	Cyg	120

N	250	SB	197x	6m5	6		O-3								

PK	**95+7.1**	4	20 56.5	+57 26	Cep	80"	16.5	56

N	440	SK	133x	6m3	7		O-3	N	609	SK	168x	6m4	5		O-3

NGC	**7008**	PN	21 00 32.8	+54 32 36	Cyg	1.4	13.3	56

N	114	DK	56x	5m0	3			R	120	RS	102x	5m5	3-4	s	
R	120	RS	102x	5m5	2	s	UHC	S	125	FB	100x	5m9	2	s	UHC
S	200	DK	118x	5m2	2	s	UHC	S	200	MC	133x	5m6	3	s	UHC
N	200	GK	170x	5m8	2	s	O-3	N	200	KV	120x	5m5	2-3		
S	200	PE	110x	5m5	3	s	UHC	M	228	GI	124x	4m8	2	s	UHC
N	250	DR	198x	6m4	2-3	s	O-3	N	250	SB	221x	5m6	3	s	
N	254	JM	265x	5m0	2	s	O-3	S	254	DS	167x	6m0	3	s	
N	317	TJ	230x	6m0	3	s		N	317	WK	214x	5m7	3	s	
N	368	RV	230x	5m2	2	s	O-3	N	430	AS	261x	6m0	2	s	
N	440	SK	285x	6m0	2-3	s	UHC								

PK	**80-6.1**	21 02 18.8	+36 41 38	Cyg	0.75	14.0	121

N	200	WK	171x	6m0	3-4			S	250	FB	258x	5m9	3		UHC

NGC	**7009**	PN	21 04 10.8	-11 21 49	Aqr	1.7	8.3	300

B	50	CF	10x	6m0	2	p		R	72	MS	40x	5m0	3		
R	90	SG	143x	6m3	2			R	102	DS	100x	4m8	3		
N	114	SB	125x	5m2	3			N	114	RS	150x	6m0	1-2		
R	125	HB	173x	5m0	1		O-3	N	140	SK	63x	6m0	2	f	
S	200	HM	95x	3m9	3			N	200	HR	244x	5m5	1	p	
S	200	MC	200x	5m2	1			N	200	GK	119x	5m8	1		
N	200	KV	240x	5m0	2			S	200	DK	227x	4m8	1		
S	203	PK	110x		2	s	BB	M	228	GI	78x	4m9	1		UHC
S	250	FB	258x	5m0	2			N	250	SB	300x	6m4	2	s	
S	250	GW	104x	4m5	1			N	254	JM	181x	5m3	2-3	f	
S	280	PP	230x	6m5	1	s	O-3	N	317	TJ	230x	4m5	2	s	
N	318	DS	153x	5m0	1-2			N	320	PI	240x	6m7	1		

NGC	**7026**	PN	21 06 18.6	+47 51 08	Cyg	0.4	12.7	85

R	63	KV	120x	5m0	4-5			R	120	RS	255x	5m5	2	s	UHC
N	155	SK	126x	5m7	3		UHC	S	200	JL	100x	5m0	3		
S	200	DK	227x	5m2	2-3			S	200	PE	110x	5m5	2	f	UHC
S	200	MC	200x	6m0	2-3			M	228	GI	148x	4m8	3		O-3
N	250	SB	300x	5m0	3	s		S	250	FB	258x	5m9	3	s	
N	254	JM	181x	5m0	2-3	s		S	254	DS	167x	6m0	3		
N	254	RV	140x	5m0	3		O-3	N	317	TJ	230x	6m0	3		
N	320	PI	144x	5m8	3			N	400	CF	320x	6m2	1	s	

NGC	**7027**	PN	21 07 01.7	+42 14 10	Cyg	0.3	10.4	85

R	63	KV	84x	5m0	3			R	90	SG	143x	4m9	3		
R	102	DS	50x	5m5	2	p		R	102	DS	167x	5m5	2	f	
N	114	DK	167x	5m0	2			R	120	RS	400x	5m5	2		
N	140	RH	100x		2			N	150	MB	200x	5m5	2	f	
C	150	HB	141x	5m8	2	s	O-3	N	155	SK	126x	5m7	2		
N	200	GK	119x	5m6	1			N	200	DP	180x	5m0	3		UHC
S	200	MC	200x	6m0	1			S	203	PK	110x		3	p	
M	228	GI	258x	5m1	2		UHC	N	250	SB	417x	5m5	2	s	
N	250	SB	300x	5m1	2			N	250	DR	250x	6m4	2		UHC
S	250	FB	258x	5m9	2	s		S	254	DS	167x	6m0	1-2		
N	254	JM	85x	5m0	2	f	O-3	S	280	PP	467x	6m5	1	s	
N	300	UN	300x	5m0	1	f	O-3	N	300	UN	50x	5m0	1	p	O-3
N	317	WK	312x	5m3	2	s		N	317	WK	214x	5m8	2		
N	317	TJ	570x	6m0	3			N	320	PI	432x	6m3	1		

Planetarische Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7048**	PN	21 14 15.2	+46 17 19	Cyg	1.0	11.3	85

R	120	RS	102x	6m5	3		UHC	N	155	SK	126x	5m7	4		UHC
N	200	DP	75x	5m0	3		UHC	S	200	PE	110x	5m5	3	f	UHC
S	200	JL	100x	5m0	4			S	200	DK	118x	5m2	3		UHC
N	200	GK	119x	5m8	3		O-3	N	200	KV	120x	5m5	4		
S	200	MC	133x	6m0	3		UHC	N	250	SB	221x	5m0	3	s	
N	250	SB	139x	6m1	3	s	O-3	S	250	FB	167x	5m6	2	f	UHC
N	250	DR	198x	6m4	2-3		UHC	N	254	JM	181x	5m0	2	s	
S	254	DS	167x	6m0	3-4			N	254	RV	70x	5m0	3		O-3
N	255	SK	200x	6m0	3	s	UHC	S	280	PP	156x		1		O-3
N	317	TJ	182x	6m1	3-4			N	317	WK	214x	5m8	2-3	s	
N	320	PI	450x	5m7	2	p	UHC	N	430	AS	261x	6m0	2	s	

PK	**72-17.1**	21 16.8	+24 10	Peg	14	12.5	165

N	150	GK	53x	6m0	7		O-3	N	254	RV	70x	5m0	6		O-3
N	440	SK	83x	6m8	6-7		O-3							

MWP	**1**	21 19	+34.4	Cyg	121

N	609	SK	168x	6m5	5	s	O-3

PK	**89-2.1**	21 19.1	+46 19	Cyg	0.1	86

N	317	WK	312x	5m8	3	p

PK	**65-27.1**	21 20.0	+12 10	Peg	0.1	15.5	210

N	317	WK	312x	6m2	6-7		O-3	N	400	CF	240x	6m2	4		O-3
N	440	SK	743x	6m3	5	p	O-3							

NGC	**7076**	PN	21 26 24.1	+62 53 28	Cep	2.0	17.0	33

R	120	RS	102x	6m5	4-5		UHC	N	200	KV	75x	6m5	4		O-3
N	200	KV		4m5	7			S	200	PE	78x	5m5	5		UHC
N	250	SB	100x	6m3	4			N	368	RV	80x	5m6	3		O-3
N	400	CF	143x	6m4	3	s	O-3	N	609	SK	360x	6m4	3	s	O-3

PK	**101+8.1**	3b	21 26.4	+62 53	Cep	1.0	13.2	33

N	317	WK	93x	5m8	3-4		O-3	N	317	TJ	62x	6m0	4		O-3

PK	**95+0.1**	21 31.9	+52 34	Cyg	0.1	16.0p	57

N	400	CF	240x	6m2	5	p	O-3

IC	**5117**	PN	21 32 31.0	+44 35 48	Cyg	0.1	13.3	86

S	200	PE	110x	5m5	3	p	UHC	N	200	KV	200x	6m5	2	p	
N	250	SB	417x	4m5	3	p	O-3	S	254	DS	167x	6m0	3	f	
N	317	WK	214x	5m5	2-3	p	O-3	N	360	RS	81x		2-3	p	O-3
N	400	CF	240x	5m8	2	p		N	609	SK	525x	5m8	3	f	

PK	**97+3.1**	3a+3	21 32.2	+55 53	Cep	1.0	16.4p	57

N	400	CF	141x	6m3	3-4		O-3	N	609	SK	168x	5m9	4		O-3

PK	**86-8.1**	2	21 33.1	+39 38	Cyg	0.1	12.0	86

S	200	PE	110x	5m5	3	f	UHC	N	250	SB	300x	5m3	3		
N	254	JM	181x	5m3	3	f	O-3	N	317	WK	312x	5m8	3	f	
N	400	CF	240x	5m3	2	p									

PK	**81-14.1**	4	21 35.6	+31 41	Cyg	1.4	13.4	121

R	120	RS	25x	6m0	4-5		UHC	N	200	KV	48x	5m0	6		O-3
N	317	WK	93x	6m2	5		O-3	N	317	TJ	89x	6m5	4		O-3
N	400	CF	68x	6m4	5		O-3	N	440	SK	155x	6m0	3-4		O-3

NGC	**7094**	PN	21 36 53.0	+12 47 20	Peg	1.6	14.0	211

S	200	MC	50x	6m0	4-5		O-3	S	200	PE	70x	5m5	4		UHC
S	200	DK	118x	5m0	4		UHC	N	200	KV	75x	5m5	4		O-3
S	200	MC	77x	5m3	7		UHC	N	250	SB	66x	6m5	3		O-3
N	254	RV	70x	4m5	5		O-3	N	317	WK	93x	6m2	4		O-3
N	317	TJ	89x	6m3	4		O-3	N	400	CF	141x	5m8	3-4	s	O-3
N	440	SK	133x	6m3	3-4	s	O-3							

PK	**93-2.1**	4	21 37.0	+48 57	Cyg	0.5	13.2	86

S	200	PE	110x	5m7	5			N	203	KV	75x	5m0	4	f	O-3
N	254	RV	70x	5m0	5-6		O-3	N	317	WK	214x	6m2	3-4		O-3
N	317	WK	170x	6m0	4			N	317	TJ	89x	4m0	3-4		O-3
N	400	CF	240x	6m4	2-3	s	O-3								

PK	**98+2.1**	2	21 39.2	+55 46	Cep	0.1	15.3	57

N	400	CF	240x	5m8	5-6	p	O-3

PK	**95-2.1**	1	21 43.3	+50 25	Cyg	0.1	14.3	57

N	400	CF	240x	5m8	3	p

NGC	**7139**	PN	21 46 08.4	+63 47 30	Cep	1.3	13.0	33

R	120	RS	64x	6m5	4		UHC	S	200	PE	50x	5m5	4		UHC
N	200	KV	48x	5m0	3-4		O-3	N	200	JL	60x	6m0	6		
N	250	SB	100x	6m3	4	s		S	254	DS	125x	5m8	6		
N	317	TJ	89x	6m0	3-4		O-3	N	368	RV	80x	5m6	3		O-3
N	400	CF	143x	6m4	3		O-3	N	609	SK	360x	6m4	3	s	

PK	**97-2.1**	2	21 57.7	+51 42	Cyg	0.1	14.7	57

N	400	CF	500x	6m4	3	f

PK	**103+0.1**	2+3	22 16.1	+57 29	Cep	0.6	13.5	57

R	120	RS	10x	6m0	5	f	O-3	N	200	KV	75x	5m0	5	f	O-3
N	250	SB	139x	6m3	4			S	280	FD	448x	5m6	3	p	O-3
N	317	WK	170x	5m4	3-4		O-3	N	317	TJ	89x	5m5	4		O-3

PK	**103+0.2**	3	22 20.5	+57 36	Cep	0.2	15.3	57

N	400	CF	141x	6m4	4		O-3

IC	**5217**	PN	22 23 55.7	+50 58 01	Lac	0.1	12.6	57

S	200	PE	78x	5m5	3	p	UHC	S	200	DK	290x	5m0	3	f	
N	200	WK	250x	5m4	3	p	O-3	N	200	KV	240x	6m0	3		
S	200	MC	200x	5m5	3	p	O-3	S	250	FB	391x	5m4	3	p	
N	250	SB	300x	5m3	3	f		N	254	RV	70x	5m3	3	p	O-3
N	254	RV	140x	5m2	3	p	O-3	S	254	DS	167x	6m0	3	f	
N	400	CF	320x	6m3	1	f									

PK	**102-2.1**	4	22 26.3	+54 49	Lac	0.5	15.0	57

N	200	DP	192x	6m9	7		O-3	N	400	CF	141x	6m4	4	s	O-3
N	609	SK	280x	5m9	3-4	s	O-3							

NGC	**7293**	PN	22 29 38.4	-20 50 13	Aqr	13	6.5	347

A	7	PI	45x	6m3	2		O-3	B	50	CF	10x	5m6	3		
B	50	FB	15x	6m5	2			B	50	RS	10x	6m8	2-3		
B	70	GI	16x	6m2	3			B	80	KH	20x	5m	3		
R	80	HZ	17x	5m0	3	s	UHC	B	80	HZ	20x	5m5	3	s	UHC
B	80	TJ	15x	5m0	3			R	90	SG	38x	6m3	2	s	UHC
M	102	JM	35x	5m3	3		CLR	N	114	RS	22x	6m0	3	s	
S	125	FB	50x	6m5	2	s		R	125	HB	45x	5m3	3-4		O-3
C	125	HB	45x	6m4	2		O-3	N	150	WK	45x	4m0	3	s	O-3
N	200	JL	60x	4m5	2-3	s	UHC	N	200	HR	61x	5m5	2	s	O-3
S	200	MC	50x	4m5	3	s	O-3	N	200	GK	44x	5m8	2	s	O-3
S	200	HM	95x	3m9	7			N	200	KV	30x	5m5	3	s	
S	203	PK	60x		4	s	BB	M	228	GI	78x	6m2	2	s	UHC
N	250	SB	74x	5m3	3		O-3	S	250	GW	104x	4m5	3		O-3
N	255	SK	58x	6m0	3	s	O-3	N	317	TJ	62x	4m5	3	s	O-3
N	318	DS	61x	4m9	3										

PK	**100-8.1**	1	22 31.7	+47 48	Lac	0.1	11.9	87

S	200	DK	118x	4m9	3	p	UHC	N	250	SB	300x	5m1	3		O-3
N	254	RV	70x	5m3	3	p	O-3	N	317	WK	312x	5m8	2-3	p	O-3
N	400	CF	320x	6m3	2	p									

PK	**104-1.1**	3b	22 32.3	+56 10	Lac	0.2	14.9	58

N	400	CF	141x	6m0	3		O-3

Planetarische Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PK	**102-5.1**	4	22 34.7	+52 26	Lac	1.8	16.0	58

N	400	CF	96x	6m0	7		O-3								

NGC	**7354**	PN	22 40 20.0	+61 17 08	Cep	0.3	12.9	58							
R	120	RS	102x	5m5	3-4			S	200	PE	200x	5m5	3		
N	200	KV	170x	5m0	3			S	200	MC	133x	5m7	3	s	
M	228	GI	124x	5m0	3			N	250	SB	300x	5m0	3		
S	254	DS	125x	5m9	3			N	317	WK	214x	5m5	3		
N	317	TJ	53x	6m0	3-4			N	400	CF	240x	6m4	1	s	
N	440	SK	509x	6m7	3	s									

IC	**1454**	PN	22 42 24.5	+80 26 33	Cep	0.5	14.8	14							
N	200	KV	75x	6m0	4	f	O-3	N	250	SB	139x	6m3	3	s	O-3
S	254	DS	125x	5m7	4			N	317	WK	170x	6m2	3		O-3
N	400	CF	240x	5m8	3	s	O-3	N	440	SK	415x	6m7	3	s	

PK	**107-2.1**		22 56.3	+57 09	Cep	0.1	14.0	58							
S	200	PE	200x	5m7	4	p		N	317	WK	170x	5m5	3	p	O-3
N	400	CF	500x	5m4	3-4	f									

PK	**107-13.1**		23 23.0	+46 54	And	0.1	13.6	88							
N	360	RS	200x		3	f	O-3	N	360	RS	200x		3-4	p	
N	400	CF	500x	5m4	3	f									

NGC	**7662**	PN	23 25 53.9	+42 32 06	And	1.0	9.2	88							
B	24	PI	8x	6m3	3	s		B	50	KH	10x	5m7	3	p	
B	50	PI	2x	6m3	s			M	60	PA	14x	5m2	2	p	
R	63	KV	120x	5m0	2			N	76	KH	88x	5m7	2	f	
B	80	PI	20x	6m3	1	f		R	90	TJ	143x	5m0	3		
R	90	SG	143x	6m3	3			R	90	MM	100x	5m0	3-4		
M	102	JM	56x	4m5	3	f		R	102	DS	40x	5m5	2	f	
M	102	JM	56x	4m5	3	f		R	102	DS	100x	5m9	2		
N	110	CW	162x	5m2	2	f		N	114	SB	125x	5m1	2		
N	114	DK	111x	4m8	1			N	114	DK	182x	4m8	3	s	
N	114	RS	150x	6m0	2	s		R	125	HB	148x	6m3	1		O-3
M	150	PI	150x	4m5	2	s		N	150	WK	100x	6m0	2-3		
S	200	MC	133x	5m8	1	s	O-3	N	200	DP	180x	4m5	3	s	
S	200	HM	95x	5m0	2			N	200	GK	119x	5m6	1		
M	228	GI	258x	5m1	1	s	UHC	N	250	SB	300x	5m3	2	s	
S	250	FB	260x	5m6	1	s		S	254	DS	167x	5m8	1-2		
N	255	SK	198x	5m9	1	s		S	280	FD	200x	5m4	2	s	O-3
C	300	MW	214x	5m6	1	s		N	320	PI	240x	6m3	1		

PK	**111-2.1**		23 26.3	+58 11	Cas	0.1	11.9	58							
N	250	SB	417x	4m5	3	p	O-3	N	360	RS	81x		3	p	O-3
N	400	CF	500x	5m4	1-2	p									

PK	**116+8.1**	3	23 31.9	+70 23	Cep	0.6	14.2	15							
R	120	RS	102x	5m0	7		UHC	N	200	KV	75x	6m5	4	f	O-3
N	317	TJ	56x	5m5	7		O-3	N	500	CF	147x	6m6	3	s	O-3

PK	**104-29.1**	3b	23 35.9	+30 28	Peg	5.5	12.1	124							
R	80	KV	10x	6m5	4-5		O-3	S	200	PE	50x	5m5	5		UHC
S	200	PE	49x	5m5	7		UHC	N	200	KV	48x	5m5	4	s	O-3
N	317	WK	75x	6m3	3	s	O-3	N	317	TJ	62x	5m0	4		O-3
N	368	RV	80x	5m5	4	s	O-3	N	430	AS	203x	6m0	2	s	
N	440	SK	90x	6m1	3	s	O-3	N	500	CF	89x	6m6	2-3	s	O-3
N	500	CF	71x	6m6	3	s									

Sh2	**174**		23 45 02.2	+80 56 59	Cep		14.7	3							
N	609	SK	105x	6m5	4	s	O-3								

PK	**114-4.1**	3b	23 45.8	+57 04	Cas	1.5	12.7	35							
R	120	RS	64x	6m5	5		UHC	N	200	KV	48x	7m3	5	f	O-3
N	250	SB	66x	6m5	3		O-3	N	317	WK	93x	6m0	4-5		O-3
N	317	TJ	62x	5m0	4		O-3	N	609	SK	168x	6m2	3-4	s	O-3

PK	**112-10.1**	3b	23 47.7	+51 24	Cas	2.0	14.4	35							
R	120	RS	64x	6m5	6		UHC	N	200	KV	48x	7m0	5	f	O-3
N	250	SB	66x	6m5	4		O-3	N	317	WK	93x	6m2	3-4		
N	317	TJ	89x	6m5	4		O-3	N	500	CF	71x	6m6	4		O-3
N	609	SK	168x	6m2	3-4	s	O-3								

PK	**108+8.1**	1	23 56.6	+70 48	Cep		12.0	15							
N	400	CF	320x	6m0	4	p									

PK	**118-8.1**		23 56.6	+70 49	Cas	0.1	12.0	15							
N	400	CF	500x	5m4	3	f									

Helle Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Sh2	**170**	Em	00 01.7	+64 38	Cas	9*9		15

R	120	RS	26x		4		UHC	N	200	AZ	38x		4		UHC
N	360	RS	45x		4		UHC								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7822**	EN	00 03 36.0	+68 37 00	Cep	60		15

R	120	RS	25x	6m5	6		UHC	N	200	AZ	38x		6		UHC
N	250	SB	50x	6m5	4		O-3	N	320	PI	144x	5m7	3	E	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Ced	**214**	Re+Em	00 04.7	+67 10	Cep	20		15

R	120	RS	25x		4		UHC	N	200	KV	30x	6m5	5-6		O-3
N	200	AZ	26x		4		UHC	N	250	SB	50x	6m6	4		O-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
vdB	**1**	Re	00 11.0	+58 46	Cas	9.0		35

R	120	RS	102x	5m5	3	s		N	203	KV	75x	6m5	4		
N	254	RV	70x	5m3	7		O-3	N	317	WK	170x	6m0	4		LPR
N	360	RS	45x		3	s	DSF	N	360	AZ	95x		3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
vdB	**2**	Re	00 13.3	+65 36	Cas	2		15

N	360	AZ	95x		3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Sh2	**173**	Em	00 21.5	+61 45	Cas	24		15

N	360	RS	45x		5		UHC	N	360	AZ	51x		6		H-ß

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**281**		00 52 48.0	+56 37 00	Cas	17.0	7.4	36

B	50	KH	8x	5m9	5			N	114	SB	20x	5m1	7		
N	140	RH	28x		5			N	155	SK	36x	6m1	3	s	UHC
N	200	GK	57x	5m6	2		O-3	N	200	KH	38x	5m7	6		O-3
N	200	GK	57x	5m8	2	s	O-3	S	203	PK	60x		3	s	BB
S	250	FB	96x	5m2	3			N	250	SB	74x	5m7	3		
N	254	JM	181x	5m0	3		UHC	N	300	UN	50x	5m0	3	s	O-3
N	318	DS	61x	5m1	3			N	320	PI	45x	6m3	2		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**59**	EN	00 56 00.0	+61 04 00	Cas	10		36

R	72	MS	40x	5m0	7			R	120	RS	25x	6m5	5		
N	150	GK	42x	6m1	7		O-3	M	150	PI	150x	5m	7		
N	200	KV	30x	6m5	7			N	200	DP	36x	6m0	7		
N	317	TE	63x	6m5	5		UHC	N	320	PI	45x	6m2	5		
N	360	RS	45x		5			N	360	AZ	95x		5		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**63**	EN	00 59 00.0	+60 56 00	Cas	10		36

R	72	MS	40x	5m0	7			R	120	RS	25x	6m5	4		
N	150	GK	42x	6m1	7		O-3	M	150	PI	50x	5m	7		
N	200	KV	30x	6m5	7			N	200	DP	36x	6m0	7		
N	317	TE	63x	6m5	4-5		UHC	N	320	PI	45x	6m2	6		
N	360	RS	8x		4			N	360	AZ	95x		4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Sh2	**188**		01 30.6	+58 22	Cas	10		37

N	200	AZ	38x		5		O-3	N	360	RS	45x		6		O-3
N	360	AZ	73x		6		O-3	N	500	CF	71x	6m8	4		O-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**588**	GxyP	01 32 45.7	+30 38 54	Tri			91

N	200	KV	170x	6m0	4-5	f		N	250	SB	139x	6m6	3		
N	317	TJ	230x	6m0	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
BCL	**218**		01 33 00.7	+30 30 51	Tri		11.9	91

N	250	SB	139x	6m6	4	f									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**592**	GxyP	01 33 12.0	+30 38 45	Tri			91

N	200	KV	170x	6m0	4-5	f		N	250	SB	197x	6m6	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**135**	GxyP	01 33 25.0	+30 25 30	Tri			91

N	250	SB	139x	6m6	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**595**	GxyP	01 33 34.0	+30 41 30	Tri			91

N	200	KV	170x	6m0	4-5	f		N	250	SB	139x	6m6	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
BCL	**635**		01 33 43	+30 53.4	Tri			91

N	250	SB	139x	6m5	4	p									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
BCL	**62**		01 33 44.8	+30 44 47	Tri		11.2	90

N	250	SB	139x	6m6	4	f									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
BCL	**25**		01 33 45.0	+30 36 28	Tri		13.3	91

N	250	SB	197x	6m6	3	f									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
BCL	**77**		01 34 06.2	+30 41 47	Tri		12.0	91

N	250	SB	139x	6m6	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
BCL	**302**		01 34 06.9	+30 47 26	Tri		14.4	91

N	250	SB	139x	6m6	3	f									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**143**	GxyP	01 34 07.0	+30 47 23	Tri	1.70		91

N	250	SB	139x	6m6	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
BCL	**691**		01 34 16.4	+30 51 55	Tri		14.1	91

N	250	SB	139x	6m6	4	f									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**604**	GxyP	01 34 33.0	+30 47 00	Tri			91

R	120	RS	102x	6m0	5			R	150	DS	48x	6m0	3		
S	200	DK	145x	5m2	2-3			N	200	KV	120x	6m0	3	f	
N	200	HZ	100x	6m2	3			S	200	MC	200x	6m0	3	f	
N	250	SB	417x	6m3	2	s		N	254	DB	86x	6m0	3		UHC
N	300	DR	198x	6m1	3		UHC	N	317	WK	170x	6m0	2		
N	317	TJ	230x	5m0	3			N	318	DS	102x	5m8	2		
N	320	PI	240x	6m5	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
LBN	**640**	Em/Re	01 50.1	+53 54	Per	3		37

R	120	RS	25x		4		UHC	N	360	AZ	73x		3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**896**	EN	02 24 48.0	+61 54 00	Cas	27		17

R	50	RS	13x		5	s	O-3	R	80	HZ	17x	6m5	5		UHC
R	120	RS	25x	6m0	3	s	UHC	N	200	KV	30x	6m0	4	s	O-3
N	250	SB	66x	6m5	2	s	O-3	N	317	WK	75x	6m0	3	s	O-3
N	317	TJ	62x	6m0	3-4		O-3	N	360	RS	45x		2	s	UHC
N	360	AZ	73x		3	s	UHC	N	609	SK	80x	6m1	3	s	UHC

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1795**	EN	02 25 48.0	+61 59 00	Cas	1.70		17

N	250	SB	66x	6m5	3			N	609	SK	80x	6m1	3	s	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1805**	OCL+E	02 32 42.0	+61 27 00	Cas	60	6.5	17

R	50	RS	13x		5	s	O-3	R	70	DR	7x	6m1	3		UHC
R	80	HZ	17x	6m5	5	s	O-3	R	120	RS	25x	5m5	3	s	UHC
N	150	GK	19x	6m5	3		O-3	N	200	KV	30x	6m0	4		O-3
N	200	AZ	25x		3	s	UHC	N	320	PI	45x	6m0	3		O-3
N	360	RS	45x		3	s	UHC								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1848**	OCL+E	02 51 12.0	+60 26 00	Cas	60	6.5	38

R	50	RS	15x		4	s	O-3	R	70	DR	7x	6m1	3		UHC
R	80	HZ	17x	6m5	5	s	O-3	R	120	RS	25x	5m0	3	s	UHC
N	140	RH	19x		3			N	150	GK	85x	6m1	4	H	
N	150	GK	23x	6m1	3	s	O-3	S	200	DK	148x	5m0	4	C u	
N	200	TJ	45x	6m0	5		UHC	N	200	KV	30x	6m0	4		O-3
N	200	AZ	25x		3	s	UHC	N	320	PI	45x	6m0	3	H	
N	360	RS	45x		3	s	UHC	N	430	AS	70x	6m0	2	s	O-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
vdB	**8**	Re	02 51.6	+67 49	Cas	3		17

B	50	PI	10x	6m5	5-6			M	150	PI	83x	5m0	5		
N	254	RV	70x	5m3	7	O-3		N	320	PI	144x	6m0	3		
N	360	RS	45x		4			N	360	AZ	180x		3	s	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1871**	EN	03 03 12.0	+60 29 00	Cas	1.70		38

S	254	DS	125x	5m6	7										

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Sh2	**200**	Em	03 10.8	+62 49	Cas	4		18

N	200	AZ	38x		5		O-3		

vdB	**16**	Re	03 28.3	+29 43	Ari	11.0	9.1	94

N	203	KV	75x	6m5	7				

NGC	**1333**	RN	03 29 06.0	+31 23 00	Per	9.0		94

R	120	RS	120x		5		N	203	KV	30x	7m0	3	
S	250	FB	96x	5m0	6		N	317	WK	93x	5m5	3-4	LPR
N	317	TJ	53x	6m0	4		N	360	AZ	73x		2 s	

vdB	**14**	Re	03 29.2	+59 57	Cam	46		38

R	120	RS	25x	6m5	7				

IC	**348**	OCL+E	03 44 30.0	+32 17 00	Per	10	7.3	95

N	250	DR	115x	6m4	4		UHC		

vdB	**20**	Re	03 44.9	+24 07	Tau	6		132

N	360	AZ	73x		5				

NGC	**1432**	RN	03 46 00.0	+24 09 00	Tau	4		132

N	254	JM	42x	6m0	4		N	360	AZ	247x		5 s	

NGC	**1435**	RN	03 46 06.0	+23 47 00	Tau	21		132

R	50	RS	15x		3		R	80	HZ	25x	6m2	3-4	
R	120	RS	25x		2		R	150	AZ	30x		2	
N	200	HZ	40x	6m2	3		N	250	SB	100x	6m5	3	
N	254	JM	42x	6m0	4		N	317	WK	60x	6m0	3	LPR
N	360	AZ	133x		2	s							

IC	**349**	RN	03 46 18.0	+23 56 00	Tau	0.5		132

M	150	PI	38x	6m5	3		N	320	PI	45x	6m2	3	
N	360	AZ	360x		5								

vdB	**23**	Re	03 47.0	+24 06	Tau	3		132

N	360	AZ	95x		3				

IC	**1995**	EN	03 50 24.0	+25 35 00	Tau	2.0		132

N	200	KV	48x	7m0	7				

IC	**353**	EN	03 55 06.0	+25 29 00	Tau	180		132

N	200	KV	48x	7m0	7				

NGC	**1499**	EN	04 01 18.0	+36 39 00	Per	145	5.0	95

A	8	KV	1x	7m0	4		UHC	A	8	RS	1x	6m5	5	H-ß
R	32	RH	6x	6m5	2	H-ß		B	50	RH	10x	6m1	5	
B	50	PI	10x	6m2	4		H-ß	R	80	HZ			3-4	UHC
R	80	DP	16x	6m0	4		H-ß	B	80	HZ	20x	6m5	4	H-ß
N	114	DB	36x	6m5	4		UHC	R	120	RS	25x		3 s	UHC
M	150	PI	50x	5m0	7			N	150	WK	45x	5m3	3	H-ß
R	152	TE	21x	6m4	4	s	H-ß	N	200	KV	30x	5m0	4	
N	200	DP	36x	6m0	4	s	H-ß	N	200	AZ	38x		4 s	H-ß
M	228	GI	78x	4m9	7		UHC	N	250	SB	36x	6m5	3 s	O-3
N	250	DR	35x	6m4	3	s	UHC	N	254	JM	42x	6m0	4-5	
N	300	GM	45x	5m9	3		H-ß	N	317	TJ	62x	5m5	3	H-ß
N	320	PI	45x	6m7	2		H-ß							

NGC	**1491**	EN	04 02 48.0	+51 19 00	Per	18		39

R	70	DR	7x	6m1	4-5		UHC	R	90	SG	38x	6m3	5	
B	100	JM	25x	5m6	5			N	114	SB	125x	5m1	4	
N	114	DK	33x	5m0	3		DSF	N	114	RS	56x	5m5	3-4	
R	120	RS	102x	5m0	2		UHC	M	150	PI	83x	6m	2	
N	200	KV	48x	5m0	2-3		O-3	N	200	AZ	38x		2 s	O-3
N	200	DP	36x	5m0	3		UHC	S	200	MC	50x	5m9	3	
M	228	GI	78x	5m0	3			N	250	DR	115x	6m4	3 s	UHC
S	254	DS	125x	5m4	3			N	317	TJ	177x	5m0	3	UHC
N	360	RS	45x		2	s	UHC							

Sh2	**208**		04 19.7	+52 59	Cam	1.0		39

N	200	KV	30x	7m0	7		O-3	N	317	WK	93x	5m5	6-7	UHC

Sh2	**207**		04 20.0	+53 09	Cam	7.0		39

N	200	KV	30x	7m0	7		O-3	N	317	WK	93x	5m5	7	UHC

NGC	**1554**	RN	04 21 48.0	+19 32 00	Tau	7.00		133

S	203	PK	110x		7		BB	N	317	WK	170x	6m0	5	
N	318	DS	102x	5m6	6-7									

NGC	**1554/5**	Re	04 21.8	+19 32	Tau	var	(9)	133

R	120	RS	255x	5m0	7		UHC	N	360	RS	200x		4	
N	360	AZ	95x		6		BKF							

NGC	**1555**	RN	04 22 03.0	+19 32 00	Tau	0.50		133

S	203	PK	110x		7		BB	N	317	WK	170x	6m0	5	
N	318	DS	102x	5m6	6-7									

Ced	**34**	Re	04 27.2	+22 57	Tau	10		133

N	200	KV	75x	5m5	7				

Ced	**33**	Re	04 27.2	+26 07	Tau	0.7		133

N	360	RS	45x		6				

IC	**2067**	EN	04 30 48.0	+35 25 00	Per	2		96

N	360	RS	200x		5				

NGC	**1579**	RN	04 31 18.0	+35 27 00	Per	12		96

R	120	RS	25x		3		N	200	KV	75x	6m0	3	
N	200	DP	102x	6m0	4		N	200	AZ	38x		2	
N	317	WK	170x	5m8	3								

IC	**2087**	EN	04 40 00.0	+25 44 00	Tau	2		134

N	360	AZ	51x		5				

Sh2	**216**	Em	04 45.0	+46 50	Per	35		65

R	120	RS	25x		5		UHC	N	200	AZ	25x		6	O-3
N	360	RS	45x		5		UHC							

GN	**04.41.8**	Re	04 45.3	+41 58	Per	2		65

R	120	RS	110x		5			N	360	RS	45x		4	

vdB	**29**	Re	04 48.4	+29 45	Aur	10		96

R	120	RS	25x		4				

vdB	**31**	Re	04 55.8	+30 33	Aur	9.0		96

R	120	RS	25x		4				

IC	**2118**	RN	05 06 30.0	-07 14 00	Eri	180		270

R	120	RS	25x		5			R	125	AZ	31x		5	
R	150	AZ	21x		6			N	200	KV	48x	6m5	5-6	
N	360	RS	45x		4									

NGC	**1788**	RN	05 06 30.0	-03 21 00	Ori	8.0		225

B	80	PI	20x	6m0	1			B	80	PI	20x	5m0	3	n	
R	102	DS	100x	5m5	6			N	114	DK	56x	5m0	3		
N	114	SB	20x	5m0	6			N	200	AZ	69x		2	s	
N	255	SK	93x	6m0	3			N	300	UN	112x	4m8	6		
N	317	TJ	177x	4m5	4			N	333	PA	100x	5m5	3	s	DSF

Sh2	**228**		05 13.6	+37 28	Aur	2		97

R	120	RS	56x	5m5	7		UHC		

Sh2	**230**	Em	05 14.0	+34 00	Aur	106		97

N	150	AZ	21x		5		H-ß		

Helle Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	405	EN	05 16 12.0	+34 16 00	Aur	30	10.0	97

N	200	KV	30x	6m0	3	s			N	200	AZ	38x		3			UHC
S	250	FB	96x	5m4	3	s	UHC		N	320	PI	45x	6m2	6			UHC
N	360	RS	45x		3												

vdB	37	Re	05 18.3	+13 24	Ori	12		180

R	120	RS	25x		5												

vdB	38	Re	05 21.6	+08 27	Ori	39		180

R	120	RS	56x	5m0	7												

IC	410	EN+OC	05 22 36.0	+33 31 00	Aur	40	9.0	97

R	50	RS	15x		4		O-3		R	120	RS	25x	5m5	3	s		UHC
N	140	RH	28x	6m0	3	O-3			N	150	WK	45x	6m0	3			O-3
N	200	GK	57x	5m6	3	s	O-3		N	200	TJ	45x	5m0	3			UHC
N	200	KV	30x	6m0	2	s	O-3		N	200	JL	60x	5m0	4	a		
N	200	AZ	38x		3	s	UHC		N	250	DR	115x	6m4	3	s		UHC
S	250	FB	96x	5m4	3	s	UHC		N	317	WK	75x	5m3	3	s		O-3
N	317	TJ	62x	6m0	3		O-3		N	320	PI	45x	6m2	3			UHC
N	360	RS	45x		2	s	UHC										

Sh2	276	Em	05 27.5	-03 57	Ori	1200		225

A	7	RH	1x	7m0	4		H-ß		B	50	CF	10x	6m3	3-4			
R	80	HZ	17x	6m0	5		H-ß		R	120	RS	25x	5m5	4			UHC
N	150	TJ	25x	6m0	5		H-ß		N	150	AZ	21x		4			H-ß
N	200	KV	30x	6m5	4		H-ß		N	360	RS	45x		5			UHC

IC	417	EN	05 28 18.0	+34 23 00	Aur	13		97

R	80	KV	10x	6m5	2	s	O-3		R	120	RS	25x	6m0	5			UHC
M	150	PI	38x	6m5	3				S	200	AM	50x	5m3	7			UHC
N	200	KV	30x	6m0	3		H-ß		N	200	AZ	38x		3			UHC
N	255	SK	58x	5m9	4	s	UHC										

GN	05.28.8	Re	05 31.6	+12 09	Ori	3		180

N	360	AZ	75x		3		BKF										

IC	420	EN	05 32 30.0	-04 28 00	Oti	1.70		225

N	203	RH	48x	6m5	4		LPR										

IC	423	EN	05 33 30.0	-00 40 00	Ori	2.0		225

R	120	RS	100x		6				N	360	AZ	75x		4			

M	1	Em	05 34.5	+22 01	Tau	6.0	8.4	135

B	30	KH	8x	5m8	5				B	50	AM	10x	6m8	3			
B	60	DK	20x	4m8	3				R	60	PA	42x	5m3	3			
R	63	KV	53x	6m0	2				B	70	MC	25x	5m0	3			
B	80	KH	15x	5m6	2-3				B	80	WD	15x	6m0	2			
M	100	MC	25x	5m5	2-3				R	102	DS	50x	5m9	2			
N	105	JM	63x	5m0	2-3	s			N	110	CW	54x	4m5	3			
N	114	RS	56x	5m5	2				N	114	SB	63x	5m1	3			
N	114	DB	36x	6m5	1-2				S	125	FB	100x	5m4	2			
N	140	RH	50x		1				M	150	PI	50x	4m5	1	s		
R	150	DS	80x	5m3	3				S	200	PE	78x	5m7	1	s		
S	200	HM	48x	4m5	3				N	200	GK	228x	5m8	1	s		
M	228	GI	124x	4m7	1	s			S	250	FB	96x	5m1	1	s		
N	250	SB	221x	5m0	2	s			N	300	UN	50x	5m0	2	f		
N	300	UN	100x	5m0	2	f			N	300	UN	112x	5m0	1	f		
N	318	DS	102x	5m5	1	s											

NGC	1973	EN	05 35 06.0	-04 44 00	Ori	5.0	7.0	225

B	50	PI	10x	6m5	4				B	70	MC	25x	5m0	6			
R	80	HZ	25x	6m0	4				N	110	CW	54x	5m1	7			
N	114	DK	56x	4m8	3-4				R	120	CF	50x	5m5	3			
R	130	BF	56x	6m6	3				N	200	HZ			3			
N	200	AZ	38x		3				N	200	GK	57x	5m8	4			
N	203	RH	48x	6m5	2-3				M	228	GI	78x	4m9	5			
N	254	JM	42x	4m5	4		Neo		N	360	RS	45x		2	a		

NGC	1980	EN+OC	05 35 24.0	-05 54 00	Ori	14		225

A	5	GI	1x	6m2	2-3				B	50	FB	10x	5m4	3			
B	70	GI	16x	6m2	2	s		UHC	B	100	JM	25x	5m6	2-3	C		
N	200	KV	120x	5m0	4			O-3	M	228	GI	78x	6m2	1	s		UHC
S	250	FB	96x	5m4	1-2	s		UHC									

NGC	1975	EN	05 35 24.0	-04 41 00	Ori	10	7.0	225

R	80	HZ	25x	6m0	4				R	120	CF	50x	5m5	4			
R	130	BF	56x	6m6	4				S	200	DK	50x	5m0	4			
N	200	HZ			3				N	200	AZ	38x		4			
N	200	GK	57x	5m8	4				N	203	RH	48x	6m5	2			
N	360	RS	45x		2	s											

Sh2	264		05 35.2	+09 56	Ori	390		180

N	254	JM	42x	6m0	4												

M	42	Em/Re	05 35.4	-05 27	Ori	66	4.0	225

A	6	JM	1x	5m0	3	s			A	6	FB	1x	5m4	3-4			
A	7	KH	1x	5m6	3				A	8	RS	1x		3			
A	8	KV	1x	6m0	3				A	8	GG	1x	5m8	3			
A	8	CF	1x	5m5	3-4				B	40	KV	10x	5m5	1	s		
B	50	GG	15x	5m8	1	s			B	50	CF	10x	5m5	1-2	s		
B	50	FB	10x	5m4	2	s			R	60	PA	14x	5m2	1	s		
R	63	KV	120x	4m5	1	s			B	70	MC	25x	5m0	1	s		
R	80	BF	30x	6m6	1	s			R	90	SG	38x	6m9	1	s		
N	110	CW	96x	5m4	1	s			N	114	SB	125x	5m1	1	s		
N	114	AV	80x	5m0	1	s			N	114	DB	36x	5m5	1	s		
R	130	BF	56x	6m6	1	s			N	140	RH	50x		1			
N	150	AZ	69x		1	s			N	200	HL	50x		1	u		BKF
N	200	XY	45x	5m0	1	s			S	200	DK	76x	4m4	1	s		UHC
N	200	GK	57x	5m8	1	s			S	203	PK	110x		1	s		
M	228	GI	78x	5m0	1	s		UHC	S	250	FB	63x	5m4	1	s		UHC
S	250	FB	96x	5m7	1	s			N	317	TJ	62x	5m0	1	s		
N	318	DS	102x	5m0	1	s											

M	43	Em/Re	05 35.6	-05 16	Ori	20	9.0	225

B	50	FB	10x	5m4	3				B	50	CF	10x	5m5	3			
B	70	MC	25x	5m0	3-4				B	80	KH	15x	5m6	3			
R	90	TJ	38x	6m0	2	s			R	90	SG	38x	6m9	2			
N	105	JM	63x	5m0	2-3	s			N	114	SB	125x	4m9	3			
N	114	DB	36x	5m5	2-3				R	130	BF	89x	6m6	1	s		
N	150	AZ	115x		2	s			S	200	HL	77x		2			BKF
N	200	XY	45x	5m0	2				S	200	DK	76x	4m4	1	s		UHC
N	200	GK	57x	5m8	1	s			S	250	FB	63x	5m4	1	s		UHC
N	360	RS	200x		1	s											

NGC	1999	EN+RN	05 36 30.0	-06 42 00	Ori	16		270

R	102	DS	100x	5m5	4	f			R	120	RS	171x		3			
N	200	HZ			3				N	250	SB	221x	5m3	3			
N	300	UN	112x	4m8	6				N	317	WK	93x	5m0	3			
N	320	PI	83x	6m5	4				N	360	RS	200x		2	s		
N	360	AZ	200x		2	s											

IC	426	EN	05 36 48.0	-00 15 00	Ori	10		226

N	360	AZ	95x		5	s		BKF									

NGC	1985	RN	05 37 45.2	+31 59 20	Aur	1.0	12.7	97

R	120	RS	102x	5m5	5				R	152	TE	133x	6m7	5			
N	200	HZ	120x	6m2	3-4				N	317	WK	312x	5m6	3			
N	317	TJ	230x	6m0	4				N	360	AZ	138x		4			

NGC	2070	EN	05 38 36.0	-69 06 00	Dor	40.00	5.0	445

R	60	RH	21x	6m9	1-2				N	155	SK	36x	7m	1	s		UHC

vdB	48	Re	05 38.1	-00 11	Ori	6		225

R	120	RS	100x		5				N	360	AZ	95x		5			

Sh2	240	Em	05 39.2	+28 20	Tau	180		97

N	200	AZ	38x		6?		O-3		N	300	GM	45x	5m9	6			O-3
N	360	RS	200x	6m5	7		O-3		N	460	RS	80x	6m0	7			O-3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Sh2	**231**		05 39.3	+35 56	Aur	10		97
R 120 RS 56x 5m5 7 UHC N 200 KV 30x 6m5 5 O-3								
N 320 PI 80x 6m2 5								
IC	**431**	EN	05 40 18.0	-01 27 00	Ori	8.0		226
R 120 RS 56x 5m0 7 N 360 AZ 95x 6 BKF								
IC	**432**	EN	05 40 54.0	-01 29 00	Ori	10		226
R 120 RS 56x 5m0 7 N 360 AZ 95x 5								
IC	**434**	EN	05 41 00.0	-02 24 00	Ori	60	11.0	226
M 100 GM 25x 5m9 7 H-ß N 114 AV 50x 5m0 5								
R 120 RS 25x 5m5 4 s UHC R 130 BF 20x 6m8 5								
M 150 PI 38x 6m5 3 S 200 DK 67x 5m5 4 UHC								
N 200 HZ 80x 6m0 4-5 H-ß N 200 KV 30x 6m0 4 H-ß								
N 203 RH 48x 6m5 3 H-ß N 250 DR 115x 6m4 4 UHC								
N 254 GM 57x 5m9 3 H-ß N 300 GM 45x 5m9 5 H-ß								
N 317 WK 75x 6m0 3-4 H-ß N 317 TJ 62x 5m0 3 H-ß								
N 333 PA 50x 5m5 4 H-ß N 360 AZ 51x 4 s H-ß								
N 360 RS 100x 3 s N 460 RS 57x 3 s H-ß								
NGC	**2023**	EN+RN	05 41 30.0	-02 19 00	Ori	10		226
R 63 RS 84x 6m8 3-4 R 80 HZ 40x 6m0 4								
B 100 JM 25x 6m0 4-5 R 120 RS 102x 6m0 3								
S 125 FB 50x 6m4 3 R 130 BF 56x 6m8 2								
S 200 DK 67x 4m9 3 N 200 KV 48x 6m5 3								
N 200 XY 45x 6m5 3-4 UHC N 200 HZ 3								
N 200 AZ 69x 2 S 250 FB 96x 5m3 3								
N 317 WK 93x 5m3 3 LPR								
NGC	**2024**	EN	05 41 54.0	-01 51 00	Ori	30		226
B 50 PI 10x 6m3 4 B 50 CF 10x 5m5 4								
R 63 RS 84x 6m8 2 B 70 RS 10x 4								
B 80 HZ 30x 6m0 3-4 R 80 HZ 33x 6m0 4								
B 80 PI 20x 6m0 2 R 80 BF 30x 6m8 3-4								
N 110 CW 54x 5m 7 N 114 DK 25x 4m8 5								
S 125 FB 31x 6m4 4 R 130 BF 56x 6m8 1 s								
N 200 TJ 45x 5m0 3 s UHC N 200 KV 75x 6m5 2-3 s								
N 200 AZ 38x 3 N 200 XY 45x 6m0 4 s UHC								
N 200 GK 91x 5m8 3 s S 203 PK 110x 4-5 s BB								
N 203 KV 75x 6m5 2-3 s N 203 RH 48x 6m5 2								
M 228 GI 78x 4m8 6 N 250 SB 100x 5m3 3 s								
N 250 DR 115x 6m4 4 s UHC N 254 JM 181x 6m0 4								
S 280 PP 56x 6m0 2 s UHC N 300 HT 150x 6m5 2 s								
N 300 UN 112x 4m8 4 N 317 WK 75x 5m3 3 s H-ß								
N 318 DS 102x 5m3 2-3 s N 320 PI 45x 6m8 1								
N 360 RS 45x 2 s N 460 RS 200x 6m0 2 s								
N 1E+03 PI 155x 6m5 1								
Sh2	**235**	Em	05 41.1	+35 52	Aur	10		98
R 120 RS 102x 5m5 5 UHC N 200 KV 30x 6m5 5 O-3								
N 200 KV 30x 6m5 4 H-ß N 200 AZ 38x 5 H-ß								
N 320 PI 45x 6m2 5								
vdB	**54**	Re	05 41.9	-06 15	Ori	0.5		271
R 120 RS 100x 5								
IC	**435**	RN	05 43 00.0	-02 19 00	Ori	1		226
R 130 BF 56x 6m8 5 N 200 AZ 100x 3								
vdB	**56**	Re	05 43.7	+16 22	Tau	0.5		181
R 120 RS 25x 6								
Ced	**59**		05 45.4	+09 02	Ori	3		181
R 120 RS 102x 5m5 6 UHC N 203 KV 48x 6m5 7								
Mneil	**1**		05 46	-00 06	Ori			226
N 609 SK 168x 6m3 5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2067**	EN	05 46 30.0	+00 06 00	Ori	8.0		226
R 120 RS 102x 5m5 5 N 200 KV 120x 6m5 4								
N 320 PI 144x 6m3 5 N 360 AZ 95x 5								
N 609 SK 168x 6m2 4 s								
NGC	**2064**	RN	05 46 36.0	+00 01 00	Ori	12		226
R 120 RS 64x 5m0 7 N 203 RH 48x 6m5 4 LPR								
N 320 PI 144x 6m3 6								
GN	**05.43.3**	Re	05 46.4	+26 30	Tau	1		136
R 120 RS 100x 6 N 203 KV 48x 6m5 7								
M	**78**	Re	05 46.7	+00 03	Ori	8.0	8.0	226
B 50 KH 10x 5m9 4 B 50 FB 15x 6m1 3								
B 50 CF 10x 6m3 3 R 60 PA 42x 5m6 3								
B 60 DK 20x 4m8 3 R 63 KV 34x 5m0 2-3								
B 70 MC 25x 5m0 3 B 80 KH 15x 5m6 3								
N 105 JM 63x 5m0 3 f N 114 RS 56x 5m5 2								
N 114 SB 63x 5m0 3 R 120 RS 25x 2 s								
S 125 FB 74x 5m6 3 M 150 PI 94x 4m5 3 s								
M 150 PI 94x 4m5 3 s N 200 GK 91x 5m6 3								
N 200 XY 45x 6m0 2 UHC N 200 KV 120x 6m5 2								
N 200 AZ 38x 2 s N 203 RH 48x 6m5 1								
M 228 GI 78x 4m9 5 S 250 FB 96x 5m3 2								
N 250 SB 100x 5m1 2 s N 300 UN 112x 4m8 3								
N 304 PH 102x 4m8 3 f N 317 WK 93x 5m3 2								
N 318 DS 102x 5m4 2 N 318 JM 102x 5m3 3								
N 320 PI 72x 6m3 1 N 320 PI 144x 6m3 1								
NGC	**2071**	RN	05 47 36.0	+00 13 00	Ori	4.0	8.0	226
B 50 CF 10x 6m3 3-4 B 100 JM 25x 6m0 4								
N 114 DK 56x 5m3 3 R 120 RS 102x 3								
N 200 KV 120x 6m5 3-4 N 200 XY 45x 6m0 3-4 UHC								
N 200 HZ 3 N 200 AZ 38x 4								
N 203 RH 48x 6m5 3 LPR N 250 SB 100x 5m1 3								
N 317 WK 93x 5m3 4 N 400 CF 57x 6m2 4 s								
vdB	**62**	Re	05 53.6	+01 45	Ori	2		226
N 360 AZ 95x 4								
vdB	**64**	Re	05 57.9	-14 05	Lep	0.5		271
R 120 RS 102x 6								
NGC	**2149**	RN	06 03 30.0	-09 44 00	Mon	3.0		271
R 120 RS 102x 5m0 5 N 200 KV 6m0 7								
Sh2	**241**		06 04.1	+30 15	Aur	10		98
R 120 RS 102x 5m5 7 UHC								
vdB	**65**	Re	06 04.5	+30 30	Aur	3		98
R 120 RS 100x 3								
NGC	**2170**	RN	06 07 24.0	-06 23 00	Mon	2.0		271
R 120 RS 102x 3 N 200 KV 48x 6m0 3								
N 360 AZ 95x 3								
Ced	**62**	Re	06 07.8	+18 40	Ori	3		137
R 120 RS 102x 5m5 4 S 200 DK 145x 5m7 3								
N 203 KV 200x 6m5 4 N 317 WK 170x 5m8 4								
N 360 RS 200x 2 s N 360 AZ 200x 2 s								
vdB	**68**	Re	06 08.1	-06 14	Mon	4		271
R 120 RS 102x 5m0 4 N 200 KV 48x 6m0 7								
N 360 AZ 95x 3								
vdB	**69**	Re	06 08.1	-06 22	Mon	2		271
R 120 RS 102x 5m0 4 N 200 KV 48x 6m0 7								
N 360 AZ 95x 3								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2182**	RN	06 09 24.0	-06 21 00	Mon	3.0		271

R	120	RS	102x	5m5	3			N	200	KV	48x	6m0	5-6			
N	360	AZ	38x		3											

NGC	**2174**	EN	06 09 42.0	+20 30 00	Ori	30		137								
B	50	FB	15x	5m9	3			R	50	RS	15x		3			O-3
B	50	CF	10x	5m5	4			R	80	HZ	17x		2-3			UHC
N	114	DK	33x	4m9	3		DSF	R	120	RS	25x	5m5	2	s		UHC
S	125	FB	31x	5m9	3	s	UHC	N	150	TJ	25x	6m0	3			
N	200	GK	57x	5m6	2	s	O-3	S	200	PE	32x	5m7	4			UHC
N	200	HZ	40x		2-3		UHC	N	200	DP	36x	5m5	3			UHC
N	200	AZ	38x		3		UHC	N	203	KV	30x	3m0	2-3			O-3
N	250	SB	74x	5m1	3		O-3	N	317	WK	75x	6m0	3			O-3
N	320	PI	45x	6m5	2			N	360	RS	45x		2	s		UHC

IC	**2159**	EN	06 09 54.0	+20 25 00	Ori			137								
N	320	PI	45x	5m3	2											

Sh2	**261**		06 09.1	+15 48	Ori	42		182								
N	200	KV	30x	6m0	4-5		H-ß	N	200	AZ	38x		4			UHC
N	255	SK	43x	6m3	6		UHC									

NGC	**2185**	RN	06 10 24.0	-06 13 00	Mon	3.0		271								
R	120	RS	64x	5m5	5			N	200	KV	48x	6m0	4			

IC	**2162**	EN	06 12 54.0	+17 59 00	Ori	4.0		137								
R	120	RS	56x	5m5	5		UHC	N	150	RY	80x	5m4	5-6			
N	200	AZ	38x		6		UHC	N	255	SK	93x	5m9	5			
N	360	RS	200x		4		UHC									

Sh2	**254**	Em	06 12.3	+18 03	Ori	9		137								
N	200	AZ	38x		5		UHC	S	254	TE	54x	6m4	4			UHC

Sh2	**257**	Em	06 12.8	+17 59	Ori	3		137								
R	120	RS	102x	5m5	5		UHC	N	200	AZ	38x		6			UHC
S	254	TE	54x	6m4	4		UHC	N	360	RS	200x		4			UHC

NGC	**2195**	*4	06 14 33.9	+17 38 23	Ori			137								
R	120	RS	102x	5m5	7		UHC	N	255	SK	93x	5m9	6			

Sh2	**269**		06 14.6	+13 50	Ori	3		182								
R	120	RS	102x	5m5	5		UHC	N	360	AZ	73x		4			UHC

IC	**443**	SNR	06 16 54.0	+22 47 00	Gem	50	12.0	137								
R	120	RS	25x	5m5	5		UHC	M	150	PI	83x	6m0	4			
S	200	MC	50x	6m0	7		O-3	N	200	KV	30x	6m6	4	s		O-3
N	200	HZ	40x	6m8	5		O-3	N	250	DR	35x	6m4	5			O-3
N	250	SB	66x	6m0	4		O-3	N	255	SK	43x	6m3	4	s		UHC
N	317	WK	75x	6m0	3		O-3	N	360	RS	45x		3	s		UHC
N	360	AZ	75x		4	s	O-3									

IC	**444**	EN	06 20 24.0	+23 16 00	Gem	8.0		137								
N	360	AZ	95x		3											

NGC	**2237-9/4**	Em	06 30.3	+05 03	Mon			227								
B	50	CF	10x	5m5	4	s		R	50	RS	15x		4	s		O-3
B	50	PI	10x	6m5	5	s		N	76	KH	22x	5m9	5			UHC
R	80	HZ	17x	5m8	3-4	s	UHC	B	80	HZ	20x	6m0	3	s		UHC
R	102	DS	33x	4m5	7			N	114	DK	25x	5m0	3	f		DSF
R	120	CF	32x	6m3	2	s	O-3	N	200	HR	30x	5m0	2	s		O-3
N	200	AZ	25x		3	s	UHC	N	200	GK	44x	5m8	2	s		O-3
N	203	RH	48x	6m7	2			S	250	FB	39x	5m4	3	s		UHC
N	300	HT	50x	6m5	2	s	UHC	N	360	RS	45x		2	s		UHC
N	1E+03	PI	155x	6m5	1		O-3									

IC	**446**	RN+*	06 31 00.0	+10 27 00	Mon	5.0		182								
N	114	DK	56x	4m7	4			R	120	RS	102x	5m0	4			
N	200	KV	12x		3-4			N	250	SB	150x	5m3	4			
N	317	WK	93x	5m5	4			N	360	AZ	95x		3			

IC	**2169**	RN	06 31 12.0	+09 54 00	Mon	25		182								
N	200	KV	75x	6m0	7			N	200	AZ	38x		3			
N	400	CF	68x	6m0	3											

NGC	**2246**	EN	06 32 24.0	+05 07 00	Mon			227								
N	200	GK	57x	5m6	2	s	O-3	N	200	GK	25x	5m8	2	s		O-3

NGC	**2247**	RN	06 32 48.0	+10 21 00	Mon	4.0		182								
N	114	DK	56x	4m7	5-6			R	120	RS	102x	5m5	5			
N	200	KV	75x	6m0	5-6			N	200	AZ	69x		3			
N	250	SB	150x	5m3	3			N	255	SK	93x	5m6	5			
N	317	WK	93x	5m5	4											

NGC	**2245**	RN	06 32 48.0	+10 10 00	Mon	5.0		182								
N	114	DK	56x	4m7	4-5			R	120	RS	102x	5m5	3			
N	200	KV	120x	6m0	3-4			N	200	XY	45x	6m0	3			UHC
N	200	AZ	69x		2			N	250	SB	150x	5m3	3			
N	255	SK	200x	5m6	3			N	317	WK	93x	5m5	3			

Sh2	**280**	Em	06 34.3	+02 33	Mon	40		227								
R	120	RS	25x		4		UHC	N	200	KV	30x	6m5	5			UHC
N	200	AZ	25x		4		O-3									

NGC	**2261**	EN+RN	06 38 42.0	+08 43 00	Mon	(2)		182								
R	50	RS	56x		4			R	60	PA	42x	5m6	6			
B	80	HZ	30x	6m0	3			R	102	DS	50x	5m0	3			
N	114	DK	56x	4m5	3			R	120	RS	170x		2	s		
M	150	PI	50x	4m5	6	n		S	200	DK	145x	4m8	2	s		
R	200	HL	161x		3			N	200	XY	45x	6m0	3-4			UHC
N	200	AZ	69x		2	s		N	203	KV	120x	6m0	2			
S	250	FB	202x	5m4	3	s		N	250	SB	221x	5m0	3			
N	254	JM	181x	4m3	3-4	s		S	280	FD	224x	5m6	2	s		
S	280	PP	233x	6m0	1	s	UHC	N	317	WK	170x	5m0	2-3			
N	360	RS	200x		2	s		N	460	RS	500x	6m0	2	s		

Sh2	**282**	Em	06 38.0	+01 31	Mon	30		227								
N	200	AZ	25x		5		H-ß									

LBN	**912**		06 40 44.0	+09 42 00	Mon	45		183								
N	203	RH	48x	6m7	3											

Sh2	**284**	Em	06 45.1	+00 14	Mon	46		228								
N	200	AZ	25x		6		UHC									

NGC	**2282**	EN	06 46 54.0	+01 19 00	Mon	3		228								
R	120	RS	25x		5			N	200	KV		6m0	7			
N	360	AZ	95x		4											

Sh2	**308**	Em	06 54.2	-23 57	CMa	27		318								
N	200	AZ	38x		5		O-3									

NGC	**2316**	RN	06 59 42.0	-07 46 00	Mon	4.0		273								
R	120	RS	102x		4			N	200	KV	75x	5m5	3-4			
N	200	AZ	250x		3			N	360	RS	200x		3	s		UHC

vdB	**87**	Re	07 00.5	-08 51	Mon	3		273								
R	120	RS	102x		4			N	200	AZ	38x		6			

Sh2	**295**		07 02.7	-11 26	Cma	15		273								
R	120	RS	56x	5m0	7		UHC									

Helle Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
vdB	**92**	Re	07 03.9	-11 35	CMa	3		273

R	120	RS	102x		4												

NGC	**2327**	EN	07 04 18.0	-11 18 00	CMa	20		273

R	120	RS	102x	5m5	3				N	200	KV	200x	6m0	3-4			
N	200	AZ	100x		2												

vdB	**93**	Em+Re	07 04.3	-10 28	Mon	20		273

R	120	RS	25x		4		UHC		N	200	KV	48x	6m0	5			
N	200	AZ	38x		3		UHC		N	255	SK	58x	6m4	4			UHC
N	360	RS	45x		3	s	UHC										

IC	**2177**	EN	07 05 06.0	-10 42 00	Mon	120		273

R	120	RS	25x		5		UHC		R	130	BF	20x	6m5	5-6			
N	150	AZ	21x		3		O-3		N	200	KV	48x	6m0	5			O-3
N	200	XY	45x	5m0	4-5		UHC		N	255	SK	58x	6m4	4-5	s		UHC
N	360	RS	45x		4		UHC		N	400	CF	68x	5m0	3-4			UHC

Ced	**90**	Em	07 05.2	-12 20	CMa	10		273

R	120	RS	25x		3		UHC		R	130	BF	89x	6m5	4			
N	200	KV	75x	6m0	4-5		O-3		N	200	AZ	38x		3			UHC
N	360	RS	45x		3		UHC										

IC	**466**	EN	07 08 36.0	-04 19 00	Mon	1.0		228

R	120	RS	102x		3				N	150	AZ	38x		3			
N	200	KV	75x	6m0	5												

Sh2	**301**		07 09.8	-18 29	Cma	8		318

R	120	RS	102x		4	s	UHC		N	200	WK	60x	5m5	3			O-3
N	200	KV	30x	6m0	2		O-3		N	200	AZ	38x		4			UHC
N	317	TJ	53x	5m0	4		O-3										

LBN	**1036**		07 16	-10.6	Mon			274

N	255	SK	58x	6m4	5		UHC										

NGC	**2359**	EN	07 18 18.0	-13 07 00	CMa	33		274

R	80	HZ	17x	5m5	3		UHC		N	114	DK	33x	4m8	3			DSF
R	120	RS	102x		3	s	UHC		N	150	AZ	38x		3	s		O-3
N	200	WK	60x	5m5	2	s	O-3		N	200	KV	30x	6m0	3			H-ß
N	200	XY	45x	5m0	2-3		UHC		N	200	HZ			3			
N	200	DP	75x	4m5	3-4		O-3		N	200	DP	36x	4m0	4			UHC
N	203	KV	30x	6m0	3	s	O-3		N	250	SB	100x	5m3	2			O-3
N	317	WK	75x	5m0	3	s	O-3		N	460	RS	255x		2	s		O-3

vdB	**96**	Re	07 19.6	-23 58	Cma	10		319

R	120	RS	25x		5												

Sh2	**305**		07 30.1	-18 30	Pup	3		319

R	120	RS	25x		6		UHC										

Sh2	**302**		07 31.6	-16 58	Pup	20		274

R	120	RS	25x		5		UHC		N	200	KV	30x	6m0	4			O-3
N	200	DP	36x	5m5	4-5		O-3		N	400	CF	57x	6m2	4			O-3

vdB	**97**	Re	07 32.6	-16 54	Pup	2		274

R	120	RS	25x		5		UHC		N	200	DP	36x	5m5	5-6			O-3

Sh2	**307**		07 35.5	-18 46	Pup	4		319

R	120	RS	25x		5		UHC		N	200	KV	30x	6m0	4			O-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Sh2	**311**	=N2467	07 52.3	-26 25	Pup	50		320

R	80	HZ	17x	5m5	4				B	80	HZ	30x	5m5	3-4			
R	80	BF	30x	6m3	3-4				N	105	JM	34x	6m5	3-4			
R	120	RS	25x	5m0	2	s	UHC		N	150	WK	45x	6m0	3-4			H-ß
N	150	WK	45x	6m0	2-3		O-3		N	200	KV	48x	5m0	3			O-3
N	200	KV	30x	5m0	2		O-3		N	200	XY	45x	4m5	2			UHC
N	200	HZ			2-3		UHC		N	255	SK	200x	6m0	2	s		UHC
N	317	TJ	53x	5m0	3		O-3										

NGC	**2626**	EN+RN	08 35 30.0	-40 39 00	Vel	5.00		397

S	125	FB	74x	6m1	4				N	255	SK	93x	6m4	4	s		

NGC	**2736**	EN	09 00 18.0	-45 57 00	Vel	300.0		397

S	125	FB	31x	6m1	6												

NGC	**3199**	EN	10 17 24.0	-57 55 00	Car	22.00		426

N	255	SK	58x	6m0	3	s	UHC										

NGC	**3324**	EN+OC	10 37 24.0	-58 37 00	Car	16.00	6.0	427

N	255	SK	58x	6m4	3	s											

NGC	**3372**	EN	10 45 06.0	-59 52 00	Car	120.0	3.0	427

R	60	RH	21x	6m9	1				N	155	SK	36x	7m	1	s		O-3

NGC	**3581**	EN	11 12 00.0	-61 18 00	Car			449

N	304	PH	76x	4m8	3	s											

NGC	**3603**	EN+OC	11 15 06.0	-61 15 00	Car	4.00	9.0	449

N	304	PH	76x	4m8	3	f											

NGC	**5367**	RN	13 57 42.0	-39 59 00	Cen	4.00		403

S	125	FB	74x	6m3	4												

NGC	**5461**	GxyP	14 03 41.5	+54 19 03	UMa			49

N	200	KV	120x	6m0	5	f											

NGC	**5462**	GxyP	14 03 53.0	+54 22 00	UMa			49

N	200	KV	120x	6m0	5	f											

IC	**4601**	EN+*	16 20 18.0	-20 05 00	Sco	15		336

N	360	AZ	51x		5												

IC	**4603**	EN+*	16 25 24.0	-24 28 00	Oph	20.0		336

R	80	KV	10x	6m5	4				N	150	AZ	43x		3			
N	200	KV	30x	6m5	4				N	360	RS	45x		2			DSF
N	360	AZ	73x		3												

IC	**4604**	EN+*	16 25 36.0	-23 27 00	Oph	60.0		336

R	80	KV	10x	6m5	5-6				B	80	AZ	11x		3	s		
N	200	KV	30x	6m5	5-6				N	360	RS	45x		4			DSF
N	360	AZ	55x		6		BKF										

IC	**4605**	EN+*	16 30 12.0	-25 07 00	Sco	10		336

N	360	RS	45x		5		DSF										

NGC	**6188**	EN+RN	16 40 06.0	-48 39 00	Ara	20.00		407

S	125	FB	50x	5m8	3	f	UHC										

NGC	**6334**	EN	17 20 48.0	-36 06 00	Sco	120.0		376

N	255	SK	58x	6m0	3	s	UHC										

NGC	**6514**	EN+OC	18 02 18.0	-23 02 00	Sgr	28.00	6.3	339

N	200	GK	57x	5m8	2												

Helle Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**20**	Em/Re	18 02.3	-23 02	Sgr	29		339

B	30	KH	8x	5m	3	n		B	32	HM	8x	4m	3				
B	50	FB	15x	6m6	2			B	70	MC	25x	4m8	3				UHC
B	80	KH	20x	5m	3			B	80	PI	20x	4m	4				
N	105	JM	34x	6m5	2-3			S	125	FB	20x	5m8	1	s			UHC
R	150	DS	97x	4m9	3-4			M	150	PI	38x	4m	3				UHC

NGC	**6526**	*+EN	18 03 54.0	-23 22 00	Sgr	40		339									
R	120	RS	25x		5		UHC	N	155	SK	36x	6m4	4	s			UHC
N	200	AZ	38x		3?												

M	**8**	Em	18 03.8	-24 23	Sgr	90	5.8	339									
A	6	FB	1x	5m5	3			A	8	KV	1x	6m0	3				
A	8	RS	1x		4			B	30	KH	8x	5m	1				
B	32	HM	8x	4m	4			B	50	FB	15x	6m6	2	s			
B	50	WD	7x	6m0	1-2			B	60	DK	20x	4m3	1				
B	63	MS	9x	5m0	1			B	70	MC	25x	4m8	1	s			
B	80	KH	20x	5m	1	s		B	80	PI	20x	3m5	2	s			
B	80	PA	15x	4m9	2	s		R	90	MM	59x	5m5	1	s			
R	90	SG	38x	6m9	1	s		N	105	JM	63x	6m5	3				
N	114	JL	45x	4m5	2-3	s		N	114	SB	25x	6m2	3				
S	125	FB	20x	5m8	1	s	UHC	M	150	PI	38x	4m	1	s			
N	150	MS	55x	5m0	1			R	150	DS	80x	4m9	2				
N	200	AZ	53x		1	s	UHC	S	200	PE	49x	5m0	1	s			UHC
A	228	GI	78x	6m0	1	s	UHC	N	300	HT	150x	6m5	1	s			
N	317	WK	75x	5m5	1-2	s	O-3	N	318	DS	61x	4m8	2				
N	360	RS	45x		1	s	UHC										

NGC	**6523**	EN	18 04 06.0	-24 20 00	Sgr	45.00	5.0	339									
N	200	GK	57x	5m8	1	S	O-3										

Sh2	**34**	Em	18 06.4	-21 40	Sgr	53		339									
N	200	AZ	25x		6		O-3										

IC	**4684**	EN+*	18 09 06.0	-23 26 00	Sgr	3		339									
N	200	AZ	125x		3												

IC	**1274**	EN+*	18 10 00.0	-23 50 00	Sgr	6		339									
N	200	AZ	49x		4		H-ß										

IC	**1275**	EN+*	18 10 00.0	-23 50 00	Sgr	10		339									
R	120	RS	25x	6m0	5		UHC	N	200	AZ	49x		4				H-ß

NGC	**6559**	EN	18 10 00.0	-24 07 00	Sgr	8		339									
R	120	RS	25x		5		UHC	N	155	SK	36x	6m4	3				UHC
N	200	AZ	25x		4		H-ß	N	203	KV	30x	6m0	4				O-3

Sh2	**35**		18 15.9	-20 15	Sgr	10		339									
R	120	RS	25x	6m0	7		O-3										

NGC	**6589**	EN	18 16 54.0	-19 46 00	Sgr	5.0		339									
R	120	RS	25x		5			N	155	SK	36x	6m4	4				
N	200	AZ	125x		4												

IC	**1283**	EN	18 16 54.0	-19 46 00	Sgr	5		339									
R	120	RS	25x		4		UHC	N	155	SK	36x	6m4	4				UHC
N	200	KV	40x	6m0	4		O-3	N	200	AZ	25x		4				H-ß

RCW	**151**	Em	18 16.4	-20 15	Sgr	88		339									
N	200	AZ	25x		5		UHC										

Sh2	**44**	Em	18 16.5	-16 44	Sgr	60		339									
N	360	RS	45x		6		UHC										

NGC	**6590**	RN	18 17 00.0	-19 44 00	Sgr	4		339									
R	120	RS	25x		5			N	155	SK	36x	6m4	4				
S	200	JL	64x	4m5	4			N	200	AZ	125x		4				

IC	**1284**	EN+*	18 17 42.0	-19 40 00	Sgr	17		339									
R	120	RS	25x	6m0	4		UHC	N	155	SK	36x	6m4	4				UHC
N	200	KV	40x	6m0	4		O-3										

Sh2	**54**	Em	18 17.9	-11 44	Ser	49		294									
S	200	PE	70x	5m5	4		UHC	N	200	AZ	25x		5				UHC

IC	**4703**	EN	18 18 54.0	-13 47 00	Ser			294									
B	50	FB	15x	6m6	2			B	70	MC	25x	4m8	3				UHC
S	125	FB	31x	6m6	1	s	UHC	N	200	GK	57x	5m8	3	s			O-3

M	**16**	Em	18 18.8	-13 47	Ser	35		294									
B	32	HM	8x	4m	2			B	60	DK	20x	6m0	3				
B	80	KH	20x	5m	2			N	105	JM	15x	6m5	2				
N	114	DK	50x	4m7	4		DSF	R	120	CF	47x	5m5	3				
R	150	DS	60x	5m3	5			S	200	DK	76x	4m5	2	s			UHC
S	200	MC	50x	5m4	2-3	s	UHC	S	200	PE	110x	5m0	1	s			UHC
M	228	GI	78x	4m9	3-4		UHC	M	228	GI	148x	4m9	2	B			
N	317	WK	75x	5m5	2	s	O-3	N	318	DS	61x	4m8	4				
N	360	RS	45x		2	a	UHC	N	360	AZ	95x		3	s			UHC

IC	**4706**	EN	18 19 42.0	-16 01 00	Sgr	6		294									
N	360	AZ	75x		4		UHC										

NGC	**6618**	EN+OC	18 20 48.0	-16 11 00	Sgr	11.00	6.0	294									
N	200	GK	91x	5m8	2	s	O-3										

M	**17**	Em	18 20.8	-16 11	Sgr	46		294									
B	30	KH	8x	5m	2	t		B	32	HM	8x	4m	2				
B	50	FB	15x	5m9	1	s		B	50	PA	10x	4m9	2				
B	60	DK	20x	4m5	1			B	70	GI	16x	4m5	2				
B	70	MC	25x	4m8	1	s		B	80	KH	20x	5m	1				
B	80	PA	15x	4m9	2	s		B	80	PI	20x	3m5	2	s			
R	90	TJ	38x	5m0	2	s		R	90	SG	38x	6m9	1	s			
N	105	JM	63x	6m5	2			N	114	RS	90x	5m5	1	s			
N	114	DB	36x	5m5	1	s		R	120	RS	22x	5m5	1	s			
S	125	FB	20x	5m8	1	s	UHC	R	150	DS	97x	5m2	1-2	s			
N	150	RY	80x	4m8	1	s		S	200	DK	167x	4m7	4	C			
S	200	DK	76x	4m5	1	s	UHC	S	200	JL		4m0	1	s			
S	200	PE	46x	5m0	2		UHC	S	200	PE	78x	5m0	1	s			
S	200	MC	100x	5m4	1	s		S	203	PK	60x		2	s			BB
M	228	GI	78x	6m0	1	s	UHC	N	317	WK	93x	5m5	1	s			O-3
N	318	DS	78x	4m8	2	s		N	320	PI	45x	6m3	1				UHC

vdB	**123**	Re	18 30.5	+01 11	Ser	10		250									
S	200	DK	145x	5m3	4			N	203	KV	75x	6m0	7				

IC	**1287**	EN	18 31 36.0	-10 50 00	Sct	20		295									
S	200	MS	68x	4m5	7			N	200	AZ	38x		6				

Sh2	**64**		18 31.6	-01 54	Ser	20		250									
N	200	KV	30x	6m0	7		H-ß	N	200	KV	30x	6m0	7				O-3

NGC	**6726**	EN	19 01 42.0	-36 53 00	CrA	2.0		379									
B	70	RS	10x	6m0	7												

NGC	**6727**	RN	19 01 42.0	-36 52 00	CrA	2.0		379									
B	70	RS	10x	6m0	7												

NGC	**6729**	EN+RN	19 01 54.0	-36 57 00	CrA			379									
B	70	RS	10x	6m0	7			S	125	FB	50x	5m8	3	f			UHC

Par	**21**		19 28 59.3	+09 38 15	Aql			207									
N	609	SK	525x	6m2	4	s											

Helle Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Sh2	82	Em+Re	19 30.3	+18 16	Sge	7		162

R	120	RS	25x	6m0	7		UHC	N	250	DR	66x	6m4	3-4		UHC
N	360	RS	45x		5		UHC	N	360	AZ	75x		5?		UHC

Sh2	91	Em	19 35.6	+29 37	Cyg	22		118

N	250	DR	35x	6m5	5		O-3	N	317	WK	75x	6m3	6		O-3
N	360	RS	200x		4		UHC	N	360	AZ	75x		4		O-3

Mi	92		19 36.3	+29 33	Cyg	0.2		118

S	200	PE	600x	5m5	3	p		S	200	DK	454x	5m5	3	s	
S	200	DK	145x	5m5	2	p		S	250	FB	258x	5m9	3		
N	250	AZ	500x		2	s		N	250	SB	417x	6m5	3		
N	360	RS	400x		2	s									

NGC	6813	EN	19 40 24.0	+27 18 00	Vul	3		162

R	120	RS	102x		4		UHC	S	200	PE	78x	5m7	4		UHC
N	200	KV	75x	6m0	4			N	250	SB	100x	5m7	4		
N	317	WK	214x	5m3	3			N	360	AZ	95x		3		UHC
N	368	RV	230x	5m2	3-4		O-3	N	440	SK	220x	6m1	4		UHC

NGC	6820	EN	19 43 06.0	+23 17 00	Vul	40	15.0	162

R	70	DR	7x	6m1	5		UHC	N	200	KV	48x	6m0	5-6		
N	200	AZ	25x		5		UHC	S	280	FD	59x	5m8	5		
N	368	RV	80x	5m2	7		O-3	N	440	SK	62x	6m1	6		UHC

Sh2	88		19 46.0	+25 20	Vul	18		162

N	250	SB	66x	6m1	4		O-3									

Sh2	101	Em	20 00.0	+35 17	Cyg	13		119

R	120	RS	25x		5		UHC	N	150	AZ	30x		4		O-3
N	317	WK	75x	6m2	4		UHC	N	360	RS	45x		3		UHC

NGC	6857	EN	20 02 48.0	+33 31 25	Cyg		11.4	119

S	200	PE	110x	5m5	3		UHC	S	200	JL	100x	5m0	5		
S	200	JL	100x	5m0	3		O-3	S	200	DK	118x	5m0	2-3		UHC
N	200	KV	120x	5m0	3			S	250	FB	96x	5m9	3		UHC
N	250	SB	197x	6m4	3			S	254	DS	167x	5m9	3		
N	254	JM	181x	5m3	3-4	f	O-3	N	317	WK	93x	6m2	3		O-3
N	368	RV	230x	4m5	3		O-3	N	508	SK	115x	4m7	3		UHC

Ced	174	Em	20 02.8	+36 58	Cyg	15		119

N	200	DP	36x	6m9	6		UHC	N	203	KV	48x	7m0	7		O-3
N	320	PI	45x	6m0	6		UHC								

IC	4954	EN	20 04 48.0	+29 15 00	Vul	0.60		119

A	7	PI	1x	6m3	3			S	250	FB	125x	5m5	4		

IC	4954/5	Re	20 04.8	+29 15	Vul	25		119

R	120	RS	102x		5		UHC	S	200	PE	78x	5m7	4		
N	200	KV	48x	6m0	4			N	317	WK	312x	6m2	3-4		
N	360	RS	45x		3	s		N	360	AZ	95x		4	s	

DWB	28	Em	20 07.0	+40 00	Cyg	56		84

R	125	AZ	20x		4		UHC									

Sh2	109	Em	20 09.0	+35 56	Cyg	105		119

N	150	AZ	21x		4		O-3									

DWB	21	Em	20 09.4	+38 54	Cyg	46		119

N	360	RS	45x		4		UHC	N	360	AZ	51x		4		UHC

DWB	11	Em	20 10.0	+37 40	Cyg	53		119

N	150	AZ	25x		4		UHC									

NGC	6888	EN	20 12 48.0	+38 19 00	Cyg	20	10.0	119

R	80	HZ	25x	6m5	5		O-3	B	80	HZ	20x	6m8	4-5		UHC
B	100	RS	20x	6m5	7			R	120	RS	25x		4		UHC
N	140	RH	28x	6m3	7			N	200	JL	77x	5m0	4		O-3
S	200	MC	50x	5m6	3-4	s	O-3	N	200	DP	36x	5m0	3		UHC
N	200	HZ	60x		3-4		UHC	S	200	PE	49x	5m5	4		UHC
S	200	DK	76x	5m0	4	s	UHC	S	203	PK	40x		4-5		BB
N	203	KV	75x	6m0	3-4	s		N	203	RH	48x	5m6	2-3	LPR	
M	228	GI	78x	4m9	5		O-3	N	250	DR	66x	6m4	3	s	O-3
N	250	SB	50x	6m2	3		O-3	N	254	DB	57x	6m0	3	s	UHC
N	254	RV	70x	5m0	2-3		O-3	S	280	PP	56x	6m5	2	s	UHC
N	317	WK	75x	5m3	3	s	O-3	N	317	TE	51x	6m5	3	s	UHC
N	360	RS	45x		3	s	UHC	N	360	AZ	73x		3	s	O-3
N	400	DP	82x	6m0	3	s	O-3	C	406	TE	112x	6m5	2	s	UHC

DWB	52	Em	20 14.0	+41 00	Cyg	26		84

R	120	RS	25x		4		UHC	N	150	AZ	25x		4		UHC

DWB	59	Em	20 14.0	+41 20	Cyg	30		84

R	120	RS	25x		4		UHC	R	125	AZ	21x		4		UHC

DWB	129	Em	20 14.0	+44 40	Cyg	72		84

R	125	AZ	21x		5		UHC									

DWB	145	Em	20 14.0	+45 40	Cyg	46		84

R	125	AZ	21x		5		UHC	N	360	RS	45x		5		UHC

DWB	35	Em	20 14.1	+40 06	Cyg	44		84

R	120	RS	25x		5		UHC	R	125	AZ	21x		4		UHC

DWB	25	Em	20 15.2	+38 54	Cyg	36		119

N	150	AZ	25x		4		UHC	N	360	RS	45x		4		UHC

DWB	111		20 16.0	+43 40	Cyg			84

N	440	SK	62x	6m1	5	s										

DWB	20	Em	20 16.1	+38 01	Cyg	26		119

R	125	AZ	21x		6		UHC	N	360	RS	45x		5		UHC

DWB	118	Em	20 17.0	+43 40	Cyg	33		84

N	150	AZ	31x		4		UHC	N	360	RS	45x		4		UHC

DWB	82	Em	20 17.0	+41 50	Cyg	39		84

R	80	HZ	17x	6m8	4		O-3	B	80	HZ	20x	6m8	3-4		UHC
R	120	RS	25x		3	s	UHC	N	200	KV	48x	6m0	4-5		O-3
N	200	KV	30x	6m0	3-4	s	H-ß	N	360	AZ	51x		3	s	O-3

Sh2	104		20 17.8	+36 44	Cyg	7		119

R	120	RS	102x		6		UHC	S	200	PE	50x	5m7	5		
N	200	DP	36x	6m9	7		UHC	N	250	SB	50x	6m1	4		O-3
N	360	RS	200x		5		UHC	N	360	AZ	95x		5		UHC

DWB	64	Em	20 18.0	+40 45	Cyg	30		84

R	120	RS	25x		5		UHC	N	200	AZ	25x		4		UHC

DWB	165	Em	20 19.0	+45 15	Cyg	45		84

N	200	AZ	25x		6		UHC	N	360	RS	45x		5		UHC

DWB	30	Em	20 19.1	+39 16	Cyg	92		84

R	80	HZ	17x	6m8	4-5		O-3	B	80	HZ	20x	6m8	4		UHC
R	120	RS	25x		4		UHC	N	360	AZ	51x		3	s	H-ß

DWB	51	Em	20 21.0	+39 50	Cyg	13		84

R	120	RS	25x		5		UHC	N	360	AZ	51x		3		UHC

Helle Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6914**	RN	20 24 48.0	+42 19 00	Cyg	3.00		85

S	250	FB	96x	5m9	5											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
vdB	**131**	Re	20 24.3	+42 18	Cyg	3		84

N	114	DK	56x	5m3	6			N	317	WK	60x	5m8	3-4			LPR
N	360	RS	200x		4			N	360	AZ	163x		4			BKF

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
vdB	**132**	Re	20 24.5	+42 23	Cyg	4		84

N	114	DK	56x	5m3	5			N	317	WK	60x	5m8	3-4			LPR
N	360	RS	200x		4			N	360	AZ	163x		3			BKF

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
GN	**20.22.9**	Re	20 24.8	+42 29	Cyg	5		84

N	360	RS	200x		4			N	360	AZ	164x		3			BKF

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
DWB	**71**	Em	20 26.5	+40 30	Cyg	43		85

R	80	HZ	17x	6m8	4-5		O-3	B	80	HZ	20x	6m8	4			UHC
R	120	RS	25x		4	s	UHC	S	200	PE	50x	5m7	5			
N	360	AZ	51x		3	s	UHC									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1318**	EN	20 27 54.0	+40 00 00	Cyg	5.00	14.9	85

N	200	GK	33x	5m6	3		O-3	N	300	UN	50x	5m0	3	f		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
GN	**20.25.3**	Re	20 27.1	+40 03	Cyg	2		85

N	360	AZ	120x		4											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
DWB	**76**	Em	20 29.0	+40 00	Cyg	36		85

R	80	HZ	17x	6m8	4-5		O-3	B	80	HZ	20x	6m8	4			UHC
R	120	RS	25x		4	s	UHC	S	200	PE	50x	5m7	4			
N	360	AZ	51x		3	s	UHC									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
vdB	**133**	Re	20 31.0	+36 56	Cyg	6		120

S	250	FB	96x	5m9	6			N	360	AZ	95x		4			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Sh2	**112**		20 33.9	+45 39	Cyg	9		85

B	80	PI	20x	5m0	6			N	114	DK	50x	5m3	5			DSF
R	120	RS	102x	6m0	4		UHC	S	200	DK	118x	5m2	3-4			UHC
N	200	DP	36x	6m4	4		O-3	S	200	MC	50x	6m0	4			UHC
N	203	KV	48x	6m5	3-4	s	O-3	N	250	DR	115x	6m4	4			UHC
S	250	FB	96x	5m9	4		UHC	N	317	WK	75x	5m7	3			O-3
N	317	TJ	62x	5m0	4		O-3	N	320	PI	53x	6m0	3			UHC
N	360	RS	200x		2	s	UHC	N	360	AZ	95x		4	s		O-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Sh2	**115**		20 34.6	+46 52	Cyg	30		85

R	120	RS	56x	6m0	7		UHC	N	200	DP	36x	6m9	7			UHC
N	360	RS	45x		6		UHC	N	500	CF	71x	6m8	4	O-3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6960**	SNR	20 45 42.0	+30 43 00	Cyg	70	7.0	120

R	60	PA	14x	5m3	4		O-3	R	63	RS	22x	5m5	4-5			O-3
R	72	MS	38x	5m0	4		UHC	R	80	HZ	17x		3-4			UHC
B	80	HZ	20x	6m8	3	s	UHC	R	90	TJ	38x	6m0	3	s		O-3
R	90	SG	38x	6m9	4			M	100	MC	25x	5m2	4			UHC
B	100	KV	20x	6m5	2-3	s		R	102	DS	40x	5m5	6			
N	114	RS	22x	6m0	3-4			N	114	DB	36x	5m5	3-4			UHC
S	125	FB	20x	5m8	2	s	UHC	N	140	RH	50x		5			
M	150	PI	38x	6m	3		UHC	S	200	MC	50x	6m0	2-3	s		O-3
S	200	DK	76x	5m5	1	s	UHC	N	200	GK	57x	5m6	1	s		O-3
M	228	GI	78x	5m1	5		UHC	N	250	SB	74x	6m0	3			
N	254	JM	40x	5m0	3	f	O-3	N	300	UN	50x	5m2	1			O-3
N	300	UN	50x	4m9	2	s	O-3	N	317	WK	75x	6m2	1-2	s		O-3
N	320	PI	55x	6m8	1		O-3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**5067**	EN	20 47 48.0	+44 22 00	Cyg	25	8.0	85

B	50	FB	15x	6m6	3	s		R	80	KV	10x	7m1	3-4			O-3
R	80	HZ	17x		5		UHC	R	120	RS	25x	6m0	4			UHC
N	200	KV	30x	6m0	4	s		N	200	DP	36x	6m0	4	s		UHC
N	200	GK	33x	5m6	2	s	O-3	N	250	SB	66x	6m5	3	s		O-3
N	317	TJ	62x	6m0	4	s	O-3	N	320	PI	36x	6m2	3			UHC
N	360	RS	45x		3	s	UHC	N	360	RS	45x		3	s		UHC
N	360	AZ	51x		3	s	UHC									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**5070**	EN	20 50 48.0	+44 21 00	Cyg	120.0	8.0	85

N	200	GK	33x	5m6	2	s	O-3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**5068**	EN	20 50 48.0	+42 31 00	Cyg	40		85

R	24	RH	6x	6m2	3			R	120	RS	25x		5			UHC
S	250	FB	39x	5m9	5		UHC	N	317	TJ	62x	5m0	4	s		O-3
N	360	RS	45x		4		UHC	N	360	AZ	51x		4			UHC

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6974**	EN	20 50 48.0	+31 52 00	Cyg	120		120

N	203	RH	48x	5m4	5		LPR									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**5067/70**	Em	20 50.8	+44 21	Cyg	60		85

R	80	HZ	17x		5		UHC	R	120	RS	25x	6m0	4-5	s		UHC
N	200	KV	30x	6m0	4	s		N	200	DP	36x	6m0	4	s		UHC
N	317	TJ	62x	6m0	4	s	O-3	N	360	AZ	51x		3	s		UHC

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6979**	EN	20 51 00.0	+32 08 00	Cyg	3.00		120

N	200	GK	57x	5m6	2		O-3	N	203	RH	48x	5m4	7		LPR	
N	320	PI	55x	6m8	1		O-3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Sh2	**103**		20 51.1	+30 41	Cyg			120

S	200	MC	50x	6m0	7		UHC									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**5076**	EN	20 55 54.0	+47 25 00	Cyg	4		85

N	140	RH	28x		7			S	250	FB	96x	5m9	3			UHC
N	360	AZ	95x		3											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1340**	EN	20 56 12.0	+31 04 00	Cyg	25		120

N	140	RH	28x		5			S	250	FB	39x	5m9	3-4			UHC
N	300	UN	50x	4m9	2	s	O-3	N	317	WK	75x	6m2	1-2	s		O-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6992/5**	Em	20 56.4	+31 43	Cyg	60		120

B	28	KV	10x	6m5	5			B	30	RS	8x		5			
B	50	KH	10x	5m7	3			R	50	KV	22x	6m5	4			
B	60	DK	20x	6m0	3			R	63	RS	21x		5	s		O-3
R	80	HZ	17x		3		UHC	B	80	HZ	20x	6m8	3	s		UHC
M	100	MC	25x	5m2	3	s	UHC	R	102	DS	40x	5m5	4-5			
N	114	DK	25x	5m5	3		DSF	R	120	RS	25x		3	s		UHC
R	120	RS	25x		3	s	UHC	N	140	RH	28x		4			
N	150	AZ	30x		3		O-3	M	150	PI	38x	6m	2			UHC
S	200	MC	50x	6m0	2-3	s	O-3	N	200	GK	57x	5m6	1	s		O-3
M	228	GI	78x	5m1	3			N	250	SB	74x	6m0	3	s		
N	300	UN	50x	4m9	2	s	O-3	N	300	UN	50x	5m2	1			O-3
N	320	PI	55x	6m8	1		O-3	N	320	PI	45x	6m0	1			UHC

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6995**	RN	20 57 06.0	+31 13 00	Cyg	12.00	7.0	120

N	140	RH	28x		5			N	254	JM	40x	5m0	2-3	f		O-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7023**	EN+OC	21 00 30.0	+68 10 00	Cep	10	7.1	33

N	114	DK	33x	5m5	3			N	150	GK	112x	6m1	7			
S	200	PE	70x	5m5	3			N	200	KV	75x	5m0	3			
S	200	MC	100x	5m6	3			N	250	SB	139x	6m4	2	s		
N	254	RV	70x	5m3	3			N	254	RV	70x	4m8	7			
N	317	TJ	230x	5m0	3-4			N	320	PI	45x	5m0	3			
N	360	RS	45x		2	s		N	360	AZ	240x		2	s		

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7000**	EN	21 01 48.0	+44 12 00	Cyg	120	4.0	85

A	6	FB	1x	6m6	3			A	7	SB	1x	6m5	3		O-3
A	7	PI	1x	6m7	4			A	8	KV	1x	5m0	3-4		O-3
R	24	RH	6x		3			B	50	PI	10x	6m7	2		
B	50	FB	15x	6m6	2	s		B	50	TJ	7x	6m5	3	s	
B	50	PA	10x	6m1	3			B	60	SB	20x	5m3	3	s	
B	60	DK	20x	6m0	3	s		R	60	PA	14x	5m2	3	s	O-3
B	63	MS	9x	5m0	2			B	70	GI	16x	6m2	1	s	
R	70	DR	7x	6m4	3	s	UHC	R	80	WD	12x	5m5	3	s	UHC
R	80	KV	10x	7m1	2-3		O-3	B	80	KH	20x	6m0	2		
R	80	HZ			3	UHC		R	90	SG	38x	6m3	4		
B	100	KV	20x	6m5	2	s		N	114	RS	22x	6m0	3-4	s	
N	114	SB	20x	5m0	4			R	120	CF	23x	6m4	2	s	UHC
S	125	FB	20x	5m8	4		UHC	N	150	MC	19x	5m8	3		UHC
N	150	WK	45x	5m8	2-3	s	O-3	N	200	GK	33x	5m6	2	s	O-3
N	250	DR	35x	6m4	2	s	O-3	N	250	SB	42x	5m8	3	s	
N	300	UN	50x	5m0	3	s	O-3	N	320	PI	36x	6m2	2		UHC
N	320	PI	45x	6m3	1		O-3								

GN	**21.00.3**	Em	21 02.3	+36 42	Cyg	0.4	121

N	200	AZ	220x		3			N	250	SB	417x	6m1	3	s
N	400	CF	500x	5m8	2									

vdB	**141**	Re	21 16.5	+68 16	Cep	2	33

N	360	RS	200x		5			N	360	AZ	95x		3	

vdB	**140**	Re	21 17.3	+58 37	Cep	6	56

N	360	AZ	95x		5									

Sh2	**119**		21 18.4	+43 56	Cyg	150	86

R	80	KV	16x	6m5	4-5		H-ß	R	120	RS	25x	5m5	4	UHC
N	200	KV	30x	6m0	4		H-ß	N	200	AZ	25x		4	H-ß
N	317	WK	75x	6m2	4-5		UHC	N	360	RS	45x		3	UHC

Sh2	**129**	Em	21 18.8	+59 57	Cep	70	56

N	150	AZ	23x		6		UHC	N	320	PI	50x	6m5	3	

LBN	**266/89**	Em	21 20.0	+36 00	Cyg	60	86

N	200	AZ	25x		6		H-ß	N	360	RS	81x		5	UHC

vdB	**142**	Re	21 36.7	+57 30	Cep	1	57

N	360	RS	200x		5			N	360	AZ	120x		5	

vdB	**143**	Re	21 36.9	+68 11	Cep	7	33

N	360	AZ	95x		4									

Sh2	**124**		21 38.4	+50 21	Cyg	90	57

R	120	RS	56x	5m5	7		UHC	N	360	RS	45x		6	UHC

IC	**1396**	OCL+E	21 39 06.0	+57 30 00	Cep	50	3.5	57

A	7	RH	1x	5m5	3			N	140	RH	28x	5m4	1-2	
N	140	RH	28x	5m4	4-5			S	250	FB	60x	5m8	3	B
N	250	DR	35x	6m4	4	s	UHC	N	320	PI	45x	6m3	2	
N	320	PI	45x	6m0	3		O-3							

NGC	**7133**	EN	21 42 36.0	+66 03 00	Cep		33

B	80	PI	20x	6m5	3			N	150	GK	53x	6m0	7	O-3
N	317	TJ	53x	6m5	4									

vdB	**145**	Re	21 43.7	+48 55	Cyg	2	86

N	317	WK	75x	6m0	7									

IC	**5146**	OCL+E	21 53 24.0	+47 16 00	Cyg	12	7.2	86

B	50	PI	10x	6m3	4			R	75	AT	25x	5m3	6		UHC
B	80	HZ	20x	6m5	5		UHC	B	100	RS	20x	6m5	5		
N	114	DK	33x	5m5	5		DSF	R	120	RS	25x	6m0	4		H-ß
N	200	KV	75x	6m0	4			S	203	PK	60x		6-7		BB
N	250	DR	115x	6m4	3-4		UHC	S	250	FB	96x	5m9	4		UHC
S	280	PP	56x	6m5	4	f		N	317	WK	75x	6m2	4		LPR
N	317	TJ	62x	6m0	4			N	320	PI	36x	5m7	4		UHC
N	360	AZ	51x		3	s	H-ß	N	360	RS	45x		3	s	UHC

vdB	**148**	Re	22 09.1	+72 53	Cep	5	34

N	360	RS	200x		5									

vdB	**152**	Re	22 13.4	+70 15	Cep	4	33

N	254	RV	70x	5m2	7		O-3	N	360	AZ	95x		3	s

Sh2	**132**		22 18.9	+56 08	Cep	30	57

R	70	DR	7x	6m1	4		UHC	R	80	KV	10x	7m1	4	O-3
R	120	RS	25x		4		UHC	N	200	KV	30x	5m0	4	s	O-3
N	200	DP	36x	6m9	4-5		UHC	N	250	DR	35x	6m4	3	s	UHC
S	280	FD	59x	5m6	2	s	UHC	N	360	RS	45x		3		UHC
N	360	AZ	51x		3	s	O-3							

Sh2	**140**	Em	22 19.1	+63 17	Cep	7	34

N	360	AZ	51x		6		H-ß							

Sh2	**135**	Em	22 22.2	+58 44	Cep	7	34

N	360	RS	45x		5		UHC	N	360	AZ	51x		6	H-ß

Sh2	**126**	Em	22 33.4	+38 35	Lac	60	123

N	360	AZ	51x		6		H-ß							

vdB	**155**	Re	22 53.3	+62 09	Cep	3	34

N	360	AZ	95x		5									

Sh2	**148**	Em	22 56.1	+58 31	Cep	2	58

N	360	RS	45x		4		UHC							

Sh2	**155**		22 56.8	+62 37	Cep	13	34

R	120	RS	25x		5		UHC	N	200	KV	30x	6m0	5-6	O-3
N	200	AZ	25x		6	s	UHC	S	250	FB	63x	5m7	5	UHC
N	360	RS	45x		4		UHC							

Sh2	**152**	Em	22 58.7	+58 47	Cep	2	58

N	360	AZ	120x		3	s								

GN	**23.02.3**	Em	23 04.7	+60 05	Cep	0.5	34

N	200	AZ	100x		2									

IC	**1470**	EN	23 05 12.0	+60 15 00	Cep	15	58

R	120	RS	102x		4		UHC	N	140	RH	28x		4	
N	155	SK	124x	6m1	3			N	200	KV	200x	6m5	3	
N	200	AZ	100x		2		UHC	N	250	SB	197x	6m5	3	
S	254	DS	125x	5m9	3			N	317	WK	170x	6m2	3	UHC
N	360	RS	200x		2		UHC							

NGC	**7538**	EN	23 14 06.0	+61 29 00	Cep	10	58

B	80	PI	20x	6m5	5			N	114	DK	33x	5m0	5	DSF
R	120	RS	25x		3		UHC	N	140	RH	28x		7	
N	200	JL	60x	5m0	3		UHC	N	200	HZ			3-4	UHC
S	200	PE	78x	5m5	2		UHC	N	200	KV	120x	6m5	3	
S	200	MS	110x	5m0	4		LPR	N	200	DP	36x	6m0	4	
N	250	SB	139x	6m5	3	s	O-3	N	317	TJ	62x	5m0	2	O-3
N	317	WK	93x	6m2	2-3		UHC	N	317	TE	176x	6m5	1-2	UHC
N	320	PI	53x	6m0	1		UHC	N	320	PI	144x	5m7	3	
N	360	AZ	95x		2s		UHC	N	360	RS	45x		2	UHC

Helle Nebel

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran	Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran

Sh2 161 Em 23 15.5 +61 51 Cas 40 58

N	360	AZ	51x		6		H-ß										

Sh2 157a Em 23 16.1 +60 02 Cep 3 58

N	110	CW	54x	5m2	4	f			N	360	RS	200x		3			UHC
N	360	AZ	120x		2		UHC										

Sh2 157 23 16.1 +60 02 Cas 60 58

R	120	RS	25x		4	s	UHC		N	150	AZ	30x		4			O-3
N	200	KV	48x	6m5	7		O-3		N	250	DR	115x	6m4	2-3			UHC
N	360	RS	45x		3	s	UHC		N	360	AZ	51x		4	s		O-3

MCW 1080 Em 23 17.5 +60 53 Cas 2 58

N	360	AZ	95x		5												

NGC 7635 EN 23 20 12.0 +61 11 00 Cas 15 11.0 58

R	130	BF	56x	6m9	5				N	140	RH	28x	6m1	5			
N	200	JL	37x	5m0	7		UHC		S	200	MC	50x	5m6	4-5			UHC
N	200	HZ	40x		4-5		UHC		N	200	KV	75x	6m5	3-4			O-3
N	200	DP	26x	5m0	5		UHC		N	203	KV	75x	5m5	4			
N	250	DR	66x	6m4	3-4	s	O-3		S	250	FB	96x	5m4	3-4			UHC
N	250	SB	66x	6m5	3	s	O-3		N	317	TJ	230x	5m0	4			
N	317	WK	75x	6m2	3	s	UHC		N	317	TE	51x	6m5	3-4			UHC
N	320	PI	45x	6m0	3				N	360	RS	200x		2	s		UHC
N	360	AZ	51x		2	s	H-ß										

Sh2 163 Em 23 34.0 +60 48 Cas 10 15

N	360	RS	45x		5		UHC										

Sh2 165 Em 23 39.8 +61 57 Cep 7 15

N	360	AZ	51x		6		H-ß										

Sh2 168 Em 23 53.1 +60 29 Cep 5 15

R	120	RS	25x		5		UHC		N	317	WK	75x	6m0	5			H-ß
N	360	RS	45x		4		UHC		N	360	AZ	51x		4			H-ß

CTB 1 Em 23 59.3 +62 27 Cas 32 15

N	360	RS	200x		5		UHC		N	500	CF	71x	6m8	5	s		O-3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Be	**58**	IV 2 p	00 00.2	+60 58	Cas	8.0	9.7	15

N	114	DK	56x	4m8	5	n	N	140	RH	100x	6m1	3					
N	150	GK	160x	6m1	5	F	S	200	PE	110x	5m1	4	E				
S	200	DK	145x	4m8	3	C t	N	200	KV	120x	5m0	1	a				
N	200	GK	170x	5m6	4	G	N	317	TJ	62x	5m0	3	a				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
St	**18**	IV 2 p	00 01.6	+64 39	Cas	5.0		15

S	200	PE	110x	5m5	4	H											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Be	**59**	III 2 p	00 02.6	+67 23	Cep	10.0		15

S	200	PE	110x	5m5	3	C	N	320	PI	144x	5m7	5					

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Be	**104**	II 1 p	00 03.5	+63 36	Cas	4.0		15

N	250	SB	300x	6m5	7												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
St	**19**	II 2 p	00 04.4	+56 02	Cas	3.0		35

S	200	PE	78x	5m2	3	C	N	200	GK	119x	5m6	5	H				
N	320	PI	80x	5m7	3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Cz	**1**	I 2 p	00 07.7	+61 25	Cas	9.0		15

N	200	GK	91x	5m6	6	H											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
K	**13**	II 2 m	00 10.1	+61 13	Cas	7.0		15

N	200	GK	57x	5m6	5	H	M	228	GI	124x	5m1	5	I t				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
K	**1**	II 2 r	00 22.0	+64 24	Cas	7.0		15

S	200	PE	110x	5m5	4	t	M	228	GI	124x	5m1	5	I t				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
May	**1**	IV 2 p	00 22.2	+61 45	Cas			15

N	150	GK	53x	5m5	5	F	S	200	DK	227x	5m0	3-4	C				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**103**	II 2 p	00 25 18.0	+61 21 00	Cas	1.9	9.8	15

N	140	RH	100x	5m4	3		N	150	GK	112x	5m5	4	A u				
M	150	PI	83x	5m0	6		S	200	DK	145x	5m0	3-4	B				
N	200	HZ	60x	6m2	3	a	M	228	GI	78x	4m7	5	H				
S	250	FB	167x	5m4	3-4	C	N	300	UN	112x	5m0	1					
N	300	UN	50x	5m0	1		N	317	TJ	62x	5m0	3	a				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**129**	IV 2 p	00 29 54.0	+60 14 00	Cas	21.0	6.5	15

B	30	KH	8x	5m9	2	t	R	60	DK	39x	4m5	3	C				
N	112	CF	36x	6m3	3	C	M	127	JM	214x	4m7	4	C				
N	140	RH	100x	5m4	3		N	150	GK	53x	5m5	3	C				
M	150	PI	83x	5m0	2		S	200	PE	78x	5m0	3	B				
S	200	JL	64x	6m0	4	a	N	200	DP	36x	4m5	4	a				
M	228	GI	78x	4m7	3	B	S	250	FB	96x	5m8	3	B				
N	300	UN	50x	5m0	4	f											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**133**	IV 1 p	00 31 12.0	+63 22 00	Cas	7.0	9.4	15

N	114	DP	45x	4m5	4	a	N	114	DK	56x	4m8	3	H u				
N	150	GK	112x	6m3	3	F	N	200	JL	60x	6m0	4	a				
M	228	GI	78x	5m0	4	C	S	250	FB	96x	5m2	3	C				
N	300	UN	50x	5m0	1	f	N	317	TJ	62x	5m0	3	a				
N	400	CF	141x	5m7	3	C											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**136**	II 2 p	00 31 30.0	+61 32 00	Cas	1.2	11.5	15

S	200	JL	100x	6m0	5	n											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
K	**14**	III 1 p	00 31.9	+63 10	Cas	7.0	8.5	15

N	114	DK	83x	4m8	4	B	N	150	GK	53x	6m3	3	C				
N	200	JL	60x	6m0	4	a	M	228	GI	78x	4m5	5	Ctu				
M	228	GI	124x	5m0	4	F u	S	250	FB	96x	5m4	3	C				
N	317	TJ	62x	5m0	3	a	N	400	CF	141x	5m7	3	C				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
K	**15**	IV 2 p	00 32.9	+61 52	Cas	1.5		15

M	228	GI	124x	5m0	5	I t											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**146**	IV 3 p	00 33 06.0	+63 18 00	Cas	7.0	9.1	15

N	114	DP	45x	4m5	4	a	N	114	DK	83x	4m8	4	C				
N	150	GK	53x	6m3	3	C	N	200	JL	60x	6m0	5	a				
M	228	GI	78x	5m0	3	C u	S	250	FB	96x	5m4	3-4	C				
N	300	UN	50x	5m0	3	f	N	317	TJ	62x	5m0	3	a				
N	400	CF	141x	5m7	2-3	B											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**189**	III 2 p	00 39 36.0	+61 04 00	Cas	4.0	8.8	16

N	140	RH	100x	5m4	3		N	150	GK	85x	5m5	3	C				
S	200	JL	100x	6m0	3	a	N	200	HZ	80x	6m2	3	a				
S	250	FB	96x	5m4	3	C	N	300	UN	50x	5m0	4	f				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
St	**24**	IV 2 p	00 39.7	+61 57	Cas	4.0	8.8	16

N	150	GK	53x	6m1	4	C	S	200	DK	145x	5m2	3	C				
N	200	JL	160x	5m0	4-5	a	N	317	TJ	62x	5m0	2-3	a				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**206**	GxyP	00 40 36.0	+40 44 00	And			60

S	200	DK	145x	5m5	4	n	N	200	KV	75x	5m0	3					
N	200	HZ			3		N	254	DB	52x	5m5	4					
N	300	DR	177x	6m5	4		N	317	WK	75x	6m2	3-4					
N	317	TJ	62x	5m0	4		N	320	PI	45x	6m0	1					

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**225**	III 1 pn	00 43 24.0	+61 47 00	Cas	12.0	7.0	15

R	80	HZ	80x	6m3	3		N	114	DK	83x	5m0	3	C				
S	125	FB	63x	5m6	2	C	N	140	RH	100x	5m4	2					
N	150	GK	53x	6m1	3	B	S	200	HL	77x		1	H				
S	200	DK	67x	5m2	2-3	F	N	200	JL	60x	5m0	3-4	a				
N	200	GK	57x	5m8	2	C	M	228	GI	148x	5m3	3	C				
S	250	FB	63x	5m4	3	C	N	254	JM	98x	5m0	2-3	C				
N	317	TJ	62x	5m0	2-3	a											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
K	**16**	II 3 p	00 43.7	+64 11	Cas	3.0	10.3	16

N	150	GK	85x	5m5	5	C	S	200	DK	145x	5m2	3	C t				
N	200	JL	160x	5m0	5	a	M	228	GI	124x	5m1	5	I t				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**188**	II 2 r	00 44 24.0	+85 20 00	Cep	14.0	8.1	2

B	50	CF	10x	5m8	4	n	R	80	HZ	17x	6m3	4					
N	114	DB	36x	5m5	4	E	R	120	CF	80x	6m0	3-4	E				
N	150	GK	85x	5m5	4	E	N	200	GK	119x	5m6	4	H				
N	200	HZ	120x	5m8	3		N	200	KV	75x	5m5	2	a				
S	200	DK	67x	5m2	3	A	S	200	MC	50x	5m8	3	E				
N	200	DP	36x	5m5	3-4	a	M	228	GI	78x	5m0	3	B t				
S	250	FB	96x	5m4	3	E	N	254	JM	98x	5m3	3	a				
N	320	PI	144x	6m3	2		N	368	RV	80x	5m5	2					

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Be	**4**	I 2 p	00 45.5	+64 24	Cas	5.0	0.6	16

N	150	GK	53x	5m5	5	H	N	200	JL	60x	5m0	5	a				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Do	**13**	IV 1 m	00 50.0	+64 08	Cas	12.0		16

S	200	DK	67x	5m2	3	B	N	200	JL	60x	5m0	4	a				
N	317	TJ	62x	5m0	3	a											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
K	**2**	III 3 R	00 51.0	+58 11	Cas	5.0		36

M	228	GI	124x	4m9	5	I											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**281**		00 52 48.0	+56 37 00	Cas	17.0	7.4	36

M	150	PI	94x	4m5	3	C	N	200	JL	160x	6m0	5	a				
N	200	GK	200x	5m8	3	G	M	228	GI	258x	5m3	3	C u				
S	250	FB	167x	5m2	3	C											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1590**		00 52 48.0	+56 37 00	Cas	4.0	7.4	36

N	200	GK	57x	5m6	5	H											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**330**	OCL	00 56 12.0	-72 29 00	Tuc	2.00	9.0	441

R	60	RH	21x	6m9	2												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**346**	OCL	00 59 06.0	-72 11 00	Tuc	5.20	10.0	441

N	155	SK	124x	6m8	3												

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Be	**62**	III 2 p	01 01.0	+63 57	Cas	10.0	9.3	16

N	150	GK	53x	6m1	3	F	S	200	DK	67x	5m2	3	B
N	200	JL	60x	5m0	5	a							

NGC	**371**	OCL+E	01 03 18.0	-72 05 00	Tuc	7.50	13.8	441

N	155	SK	125x	6m5	3

Cz	**3**		01 03.1	+62 48	Cas	3.0	9.9	16

N	150	GK	85x	6m5	5	H	N	320	PI	45x	5m7	2

NGC	**395**	OCL+E	01 05 18.0	-72 00 00	Tuc	17.00		441

N	155	SK	125x	6m5	3

NGC	**366**	II 3 p	01 06 24.0	+62 14 00	Cas	3.0	12.0	16

N	150	GK	53x	6m5	4	I	N	200	JL	160x	5m0	5	a
N	317	TJ	182x	6m1	3-4	a							

NGC	**381**	III 2 p	01 08 18.0	+61 35 00	Cas	6.0	9.3	16				

N	140	RH	100x	5m4	3		N	150	GK	53x	6m1	3	C
S	200	JL	100x	5m0	3		N	200	DP	36x	5m0	3	a
N	200	GK	57x	5m8	3	E	M	228	GI	124x	5m0	3	I t
S	250	FB	96x	5m4	3	C	N	317	TJ	182x	6m1	3	a

St	**3**	IV 1 p	01 12.3	+62 20	Cas	2.0		16

N	200	JL	160x	5m0	5	a

NGC	**433**	III 2 p	01 15 18.0	+60 08 00	Cas	2.5	9.0	16

N	200	JL	60x	6m5	5	a	N	200	DP	102x	5m0	5	H
N	200	GK	57x	5m8	4	C							

NGC	**436**	I 3 m	01 15 36.0	+58 49 00	Cas	6.0	8.8	36

B	60	DK	20x	4m8	3	n	R	90	MM	40x	6m0	3	a
B	100	JM	25x	4m8	4-5	n	N	110	CW	162x	5m3	2-3	G
N	114	DK	83x	4m9	3	G t	N	150	GK	112x	5m5	4	C
S	200	JL	100x	5m0	5	a	N	200	KV	120x	5m0	1-2	a
N	200	DP	102x	5m0	4	C	N	200	GK	57x	5m8	3	X
M	228	GI	124x	5m0	3	G t	S	250	FB	96x	5m4	3	C
N	320	PI	144x	6m2	1	D							

Cr	**11**	I 2 m	01 15 59.0	+58 48 42	Cas	5	8.8	36

N	320	PI	80x	6m0	3

NGC	**457**	I 3 r	01 19 06.0	+58 20 00	Cas	13.0	6.4	36

A	7	RH	1x	5m7	3		A	7	JL	1x	6m1	3-4	a
B	30	KH	8x	5m8	2	t	B	30	BF	8x	6m9	1	a
R	60	PA	28x	5m6	3	C u	B	60	DK	20x	4m8	1	a
B	63	MS	9x	5m0	3		R	63	KV	34x	6m0	1	a
B	70	GW	10x	6m5	4	G	R	72	MS	40x	5m0	2	
R	75	AT	50x	5m3	2	B	R	80	BF	30x	6m9	1	A
B	80	WD	15x	4m8	3		R	90	MM	40x	6m0	2	a
B	100	RS	20x	6m5	1	a	N	105	JM	63x	3m6	3-4	a
N	110	CW	54x	5m3	2	C u	N	114	DK	56x	4m9	1	B u
S	125	FB	50x	5m1	1	A	R	130	BF	20x	6m9	1	A
M	150	PI	50x	4m5	1	A	N	200	GK	57x	5m8	1	A
S	200	HL	161x		1	I	M	228	GI	124x	5m1	1	A u
S	250	FB	96x	5m6	1	A	N	300	UN	50x	5m0	1	a
N	320	PI	144x	6m2	4	G							

NGC	**559**	II 2 m	01 29 30.0	+63 18 00	Cas	4.0	9.5	16

R	60	PA	28x	5m3	3	a	B	63	MS	9x	5m0	4	
R	72	MS	40x	5m0	3		R	75	AT	14x	5m3	3	n
B	80	WD	15x	4m8	2		B	80	PI	20x	5m0	5	C u
R	90	SG	38x	6m9	2	a	R	90	MM	40x	5m0	3	n
N	114	DB	42x	5m5	3-4	G	N	114	RS	56x	5m5	2-3	a
S	200	DK	145x	5m0	2-3	B	N	200	GK	119x	5m8	4	G
N	200	DP	36x	5m0	3	a	N	200	GK	170x	5m8	4	I t
M	228	GI	124x	5m1	5	I t	S	250	FB	96x	5m7	3	B
N	254	JM	181x	4m0	4-5	C	S	254	DS	125x	5m9	3	B

IC	**133**	GxyP	01 33 15.2	+30 53 16	Tri			91

N	250	SB	139x	6m5	3

IC	**137**	GxyP	01 33 29.3	+30 31 21	Tri			91

N	250	SB	139x	6m5	3

IC	**136**	GxyP	01 33 40.0	+30 21 00	Tri			91

N	250	SB	139x	6m5	3

IC	**139**	*	01 33 40.1	+30 28 42	Tri			91

N	250	SB	197x	6m6	3	N	320	PI	144x	6m5	3

M	**103**	III 2 p	01 33.2	+60 42	Cas	6.0	7.4	37

B	21	RH	8x		3		B	30	KH	8x	5m8	3	C
B	40	KV	10x	6m0	2-3	n	R	60	PA	28x	5m6	3	C
B	60	DK	20x	4m8	1	C t	B	63	MS	9x	5m0	2	
R	63	KV	34x	6m0	1	a	B	70	GW	10x	6m5	3	G
R	72	MS	40x	5m0	3		R	75	AT	50x	5m3	4	C
B	80	WD	15x	4m8	1		R	90	SG	38x	6m9	2	a
N	105	JM	63x	3m6	3	a	N	110	CW	54x	5m1	2	C u
N	114	DB	42x	5m5	3	G	S	125	FB	74x	5m1	2	B
R	130	BF	37x	6m9	1	A u	N	140	RH	100x		1	
N	140	RH	100x		1		M	150	PI	50x	4m5	3	A u
S	200	DK	145x	5m2	1	B	S	200	HM	48x	4m8	2	a
S	200	DK	100x	4m6	1	C u	S	200	HM	48x	4m3	3	
N	200	GK	91x	5m8	2	B	S	203	PK	60x		2	B u
M	228	GI	124x	5m0	1	B u	S	250	FB	96x	5m6	2	B
S	254	DS	125x	5m9	3	B u	N	317	TJ	182x	6m1	2	a
N	320	PI	45x	6m0	1								

Cz	**4**	II 2 p	01 35 36.6	+61 28 35	Cas	4		16

N	140	RH	100x	6m0	3

Tr	**1**	I 3 p	01 35.7	+61 17	Cas	4.5	8.1	16

N	114	DK	83x	5m0	3	I t	N	114	DB	42x	5m5	3-4	G
N	140	RH	100x	6m0	3		S	200	PE	110x	5m0	3	I
S	200	DK	295x	4m6	2	C u	N	200	KV	240x	5m0	1	a
N	200	JL	160x	5m0	4	a	M	228	GI	148x	5m0	4	C t
S	250	FB	167x	5m4	2-3	C	N	317	TJ	230x	4m5	3	a
N	320	PI	144x	6m2	1	D							

NGC	**609**	II 3 r	01 37 12.0	+64 33 00	Cas	3.0	11.0	16

B	80	PI	20x	5m0	5	I	R	90	MM	40x	5m0	4	n
N	114	DB	36x	5m5	5	n	N	150	GK	112x	6m1	5	I
S	200	DK	145x	5m0	3-4	n	N	200	KV	170x	5m0	2	a
M	228	GI	124x	5m0	5	I t							

NGC	**637**	I 3 p	01 42 54.0	+64 00 00	Cas	4.0	8.2	16

B	80	PI	20x	5m0	4	Btu	R	90	MM	40x	5m0	3	
N	114	DB	42x	5m5	3	X	N	150	GK	85x	6m1	3	F
S	200	DK	145x	4m8	2	C	N	200	KV	170x	5m0	2	a
S	250	FB	96x	5m7	3	C							

NGC	**657**	01 43 42.0	+55 53 00	Cas		37

S	200	DK	148x	5m0	3	C t

NGC	**654**	II 3 m	01 44 06.0	+61 53 00	Cas	5.0	6.5	16

B	21	RH	8x		3		B	40	KV	10x	6m0	3-4	n
B	60	DK	20x	4m8	3	n	R	60	PA	28x	5m6	3	D t
R	63	KV	34x	6m0	1	a	R	72	MS	40x	5m0	4	
R	75	AT	50x	5m3	3-4		B	80	WD	15x	4m8	2	
R	80	HZ	17x	6m5	3		R	90	SG	56x	6m9	2	a
R	90	MM	40x	6m0	2	a	N	114	DB	42x	5m5	3-4	G
N	114	DK	83x	4m7	3	B t	S	125	FB	74x	5m1	2	B
N	140	RH	100x		3		N	200	GK	91x	5m8	3	B
S	200	HM	95x	4m8	3	B	M	228	GI	124x	5m1	2	B
N	254	JM	40x	4m0	3	B	S	254	DS	125x	5m9	3	C
N	320	PI	144x	6m0	3	t							

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**659**	III 1 p	01 44 12.0	+60 42 00	Cas	5.0	7.9	16

R	72	MS	40x	5m0	4			R	80	HZ	17x	6m5	3		
R	90	MM	40x	6m0	3	a		N	114	DK	83x	5m0	3	G	
N	114	DB	42x	5m5	3-4	G		S	200	JL	100x	5m0	4	a	
S	200	DK	145x	5m5	3	B		N	200	DP	36x	5m0	3	a	
N	200	GK	119x	5m6	3	C		M	228	GI	78x	5m0	3	C	
S	250	FB	96x	5m4	3-4	C		N	254	JM	181x	4m0	3-4	C	

NGC	**663**	III 2 m	01 46 00.0	+61 15 00	Cas	16.0	7.1	16							
B	21	RH	8x		3			B	30	KH	8x	5m8	2	n	
B	40	KV	10x	6m0	2-3	n		B	60	DK	20x	4m8	2	a	
R	60	PA	28x	5m6	3	E		B	63	MS	9x	5m0	3		
R	63	KV	34x	6m0	1	a		B	70	GW	10x	6m5	3	G	
R	72	MS	40x	5m0	2			R	75	AT	50x	5m3	3	B	
B	80	WD	15x	4m8	2			R	90	SG	56x	6m9	3	a	
N	105	JM	63x	3m6	3	B		N	114	DB	42x	5m5	2	A	
N	114	RS	56x	5m5	1	a		N	114	DK	56x	4m9	2	B	
S	125	FB	50x	5m1	1	B		N	140	RH	50x		2		
M	150	PI	50x	4m5	1	E		N	200	GK	91x	5m8	2	B	
S	200	HM	95x	4m8	2	A		M	228	GI	148x	6m2	1	B u	
S	250	FB	63x	5m4	2	B		N	320	PI	45x	6m0	2		

Be	**5**	IV 1 p	01 47 42.1	+62 56 18	Cas	3	16								
N	140	RH	50x	6m0	7										

Cr	**463**	III 2 p	01 48.4	+71 57	Cas	26.0	5.7	17							
B	50	CF	10x	5m5	3	C		R	60	DK	39x	4m5	2	B u	
B	60	DK	20x	4m5	2	B u		N	114	DK	25x	4m7	1	B u	
N	200	KV	30x	5m0	4	a		N	200	GK	33x	5m6	3	C	
M	228	GI	78x	5m0	3	B									

Cr	**21**	III 3 p	01 50.1	+27 15	Tri	5.0	8.2	92							
B	100	JM	25x	6m0	1			S	200	PE	78x	5m5	2	B	
S	200	DK	67x	5m2	2	C		N	200	GK	91x	5m6	3	F	
S	250	FB	96x	5m5	2	C		S	280	FD	140x	6m0	2	C u	

IC	**166**	III 1 r	01 52 30.0	+61 50 00	Cas	4.5	11.7	37							
N	114	DB	42x	5m5	5	G		N	200	JL	92x	5m0	6		
N	317	WK	93x	5m5	4										

St	**4**	III 1 p	01 52.8	+57 04	Per	20.0	37								
N	112	CF	53x	6m2	3-4	F		S	200	DK	50x	5m0	3	F	
N	200	JL	50x	6m0	4-5	a		N	200	JL	38x	6m0	3	a	
S	250	FB	63x	5m4	4	F		N	317	TJ	66x	5m0	2-3		
N	320	PI	45x	6m0	3										

Be	**7**	II 2 p	01 55.0	+62 22	Cas	4.0	17								
S	200	DK	145x	5m0	4	C t		N	320	PI	45x	6m0	3		

NGC	**752**	III 1 m	01 57 48.0	+37 41 00	And	50.0	5.7	92							
A	7	KV	1x	7m0	3-4	n		A	7	TJ	1x	6m5	4		
B	30	KH	8x	5m8	2	t		B	40	KV	10x	4m5	3	a	
B	60	DK	20x	5m0	1	B		R	60	PA	14x	5m3	3	B	
B	63	MS	9x	5m0	2			R	63	KV	34x	6m0	2-3	a	
R	75	AT	14x	5m6	2	B		R	80	GW	38x	5m0	2	a	
R	102	DS	40x	5m0	3	E		N	114	DB	36x	5m5	2	E	
N	114	DK	25x	4m9	1	B		M	150	PI	50x	5m0	1	E	
S	200	HM	48x	4m5	3	B		N	200	GK	33x	5m6	2	A	
M	228	GI	78x	5m0	3	A		S	250	FB	78x	5m6	1	B	
N	254	JM	40x	5m0	2-3	B									

NGC	**744**	IV 2 p	01 58 24.0	+55 29 00	Per	11.0	7.9	37							
B	100	JM	25x	4m3	5	D		N	112	CF	90x	6m2	3	C	
N	140	RH	100x	6m0	3-4			S	200	MC	133x	5m5	3	C	
S	200	JL	100x	5m0	5	a		S	200	DK	50x	5m0	2	C	
N	200	GK	119x	5m6	4	F		S	250	FB	96x	5m0	4	C	
N	317	WK	75x	6m2	3	C		N	317	TJ	53x	5m6	4	a	
N	320	PI	72x	6m0	3										

NGC	**743**	II 1 p	01 58 42.0	+60 11 00	Cas	5.0	9.5	37							
N	114	DK	83x	5m0	2	C u		N	114	DB	42x	5m5	3	C	
N	150	GK	85x	6m5	4	C		S	200	JL	100x	5m0	4	a	
S	200	DK	67x	4m7	2	C u		N	200	GK	91x	5m6	3	C	
N	317	TJ	53x	5m6	4	a		N	320	PI	72x	6m0	3		

Be	**8**	II 2 m	02 01.0	+75 35	Cas	7.0	4								
N	320	PI	80x	5m7	3										

Cz	**6**	II 2 p	02 03.0	+62 53	Cas	3.0	17								
S	200	DK	145x	5m0	4	C									

St	**5**	IV 2 p	02 04.5	+64 26	Cas	15.0	17								
B	30	KH	8x	5m7	4-5	H		N	114	DB	36x	5m5	3-4	F	
N	140	RH	50x	6m0	2			N	200	JL	92x	6m0	4-5	a	
N	200	JL	37x	5m0	5	a		N	200	DP	36x	5m5	5	a	

St	**2**	III 1 m	02 15.0	+59 16	Cas	60.0	4.4	37							
A	7	TJ	1x	6m0	4			A	7	KV	1x	7m0	3		
B	30	BF	8x	6m8	2	a		R	50	JL	8x	4m5	2	a	
B	50	CF	10x	5m7	2	E		R	60	DK	39x	4m5	2	E	
B	60	DK	20x	5m0	1	B		R	80	BF	30x	6m8	2	E	
B	80	PI	20x	5m0	1	E u		B	100	JM	25x	4m5	2-3	E	
N	114	DK	25x	4m7	1	E		R	130	BF	20x	6m8	1	E	
N	140	RH	28x	5m7	a			N	320	PI	80x	5m5	2	F	

Bas	**10**	II 1 p	02 18.8	+58 19	Per	9.9	37								
R	130	BF	150x	6m9	4	C		S	200	DK	145x	5m2	3	C	
N	200	JL	92x	6m0	5	a									

NGC	**869**	I 3 r	02 19 00.0	+57 09 00	Per	30.0	5.3	37							
A		GG	1x	5m0	3			A	6	KV	1x	7m0	1-2	n	
A	6	PA	1x	5m4	4	n		A	7	BF	1x	6m8	3	n	
A	7	RH	1x	5m5	4			B	30	BF	8x	6m8	1	a	
B	40	KV	10x	5m0	1	a		R	50	JM	8x	4m0	2-3	D u	
B	50	FB	15x	6m5	1	D		B	50	GG	7x	5m0	1	D	
R	60	PA	14x	5m4	1	D		R	63	KV	34x	5m0	1	a	
R	70	UN	22x	5m2	1	D		B	70	MC	25x	5m2	1		
R	80	BF	30x	6m8	1	D k		R	90	SG	38x	6m9	1	a	
N	114	DK	56x	3m8	1	D		N	114	DB	36x	5m5	1	D	
N	114	AV	50x	4m9	1	D		S	125	FB	50x	5m1	1	D	
R	130	BF	37x	6m8	1	D k		N	140	RH	50x	5m5	1		
N	200	XY	45x	5m0	1	a		N	200	GK	57x	5m8	1	A	
S	200	HL	50x		1	A		M	228	GI	78x	5m1	1	D u	
S	250	FB	60x	5m8	1	D		N	300	UN	50x	5m2	1	D	

Be	**63**	III 1 p	02 19.8	+63 45	Cas	4.0	17								
S	200	DK	145x	5m0	3-4	C									

NGC	**884**	I 3 r	02 22 24.0	+57 07 00	Per	30.0	6.1	37							
A		GG	1x	5m0	3			A	6	KV	1x	7m0	1-2	n	
A	6	PA	1x	5m4	4	n		A	7	BF	1x	6m8	3	n	
A	7	RH	1x	5m5	4			B	30	BF	8x	6m8	1	a	
B	40	KV	10x	5m0	1	a		R	50	JM	8x	4m0	2-3	D u	
B	50	FB	15x	6m5	1	D		B	50	GG	7x	5m0	1	D	
R	60	PA	14x	5m4	1	D		R	63	KV	34x	5m0	1-2	a	
R	70	UN	22x	5m2	1	D		B	70	MC	25x	5m2	1		
R	80	BF	30x	6m8	1	A k		R	90	SG	38x	6m9	1	a	
N	114	DK	56x	3m8	1	D		N	114	DB	36x	5m5	1	A	
N	114	AV	50x	4m9	1	D		S	125	FB	50x	5m1	1	D	
R	130	BF	37x	6m8	1	A k		N	140	RH	50x	5m5	1		
N	200	XY	45x	5m0	1	a		N	200	GK	57x	5m8	1	A	
S	200	HL	50x		1	A		M	228	GI	78x	5m1	1	D u	
S	250	FB	60x	5m8	1	D		N	300	UN	50x	5m2	1	D	

NGC	**886**	*Grp	02 23 06.0	+63 46 00	Cas	20	17								
N	114	DB	36x	5m5	3	A									

St	**6**	IV 2 p	02 23.7	+63 52	Cas	20.0	10.0	17							
S	200	DK	67x	5m0	3	C									

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Mrk	**6**		02 29.6	+60 39	Cas	4.5	7.1	37
B 80 PI 20x 5m0 3 X t				N 114 DK 56x 5m0 1 C				
N 140 RH 100x 6m0 3-4				N 150 GK 112x 6m5 4 H				
S 200 PE 78x 5m2 3 C				N 200 JL 60x 5m5 4-5 a				
NGC	**956**	IV 1 p	02 32 24.0	+44 39 00	And	8.0	8.9	62
N 114 DK 111x 5m0 4 G				N 200 JL 92x 6m0 5 a				
N 200 GK 57x 5m6 3 C				N 203 KV 200x 6m5 3-4				
Mel	**15**		02 32.7	+61 27	Cas	22.0	6.5	17
B 50 FB 15x 5m6 2 B				B 80 PI 20x 5m0 2 B				
N 114 DK 56x 5m0 2 B				N 140 RH 50x 5m8 2				
S 200 DK 50x 5m0 3 B				M 228 GI 78x 5m0 2 C				
S 250 FB 96x 5m2 3 B				N 320 PI 45x 6m0 3 C				
NGC	**957**	III 2 p	02 33 36.0	+57 32 00	Per	11.0	7.6	38
N 112 CF 90x 6m0 3-4 C				N 140 RH 50x 5m7 2				
S 200 MC 133x 5m5 3 C				S 200 JL 100x 5m0 4 a				
S 200 DK 76x 4m6 2 C				N 200 GK 57x 5m6 3 B				
S 250 FB 96x 5m8 3 C				N 254 JM 181x 5m3 3-4 H				
Cz	**8**	II 2 p	02 33.0	+58 44	Per	7.0	9.7	38
N 140 RH 50x 5m7 3								
K	**4**	III 1 p	02 35.7	+59 00	Cas	3.0	0.5	38
N 112 CF 90x 6m0 5 G t				N 140 RH 100x 5m8 5				
N 200 JL 160x 5m0 5 a				M 228 GI 182x 4m7 5 I t				
Cz	**11**	IV 2 p n	02 36 35.6	59 39 16	Cas	5		38
N 430 AS 141x 6m0 4								
Tr	**2**	III 2 p	02 37.3	+55 59	Per	20.0	5.9	38
B 30 KH 8x 6m1 3 C				R 60 DK 39x 4m5 2 C u				
B 60 DK 20x 4m0 3 C t				B 100 JM 25x 4m5 2-3 C				
N 112 CF 53x 6m0 3 C				N 140 RH 50x 6m0 2				
N 200 JL 37x 5m0 4 a				S 250 FB 63x 5m8 3 C				
N 254 JM 98x 5m3 2-3 C				N 317 TJ 53x 6m0 3 a				
NGC	**1049**		02 39 42.0	-34 17 00	For	0.8		354
N 500 CF 250x 5m0 2 n								
Be	**65**	II 3 p	02 39.0	+60 25	Cas	5.0	10.2	17
N 112 CF 90x 6m0 3-4 C				N 140 RH 100x 5m8 3				
N 200 KV 120x 5m0 1 a				N 317 TJ 62x 5m0 3 a				
NGC	**1027**	III 2 pn	02 42 42.0	+61 33 00	Cas	20.0	6.7	17
B 80 PI 20x 5m0 3 n				B 100 JM 25x 5m3 3 a				
S 125 FB 48x 5m5 3 B				N 140 RH 50x 5m8 2				
S 200 DK 50x 5m0 3 B				N 200 KV 75x 6m0 4 a				
N 200 JL 60x 6m0 4 a				M 228 GI 124x 5m0 2 B u				
S 250 FB 96x 5m7 3 B								
M	**34**	II 3 m	02 42.0	+42 47	Per	35.0	5.2	62
A 6 GG 1x 5m3 7				A 7 PI 1x 6m0 4				
A 7 KV 1x 6m5 4 n				A 7 MC 1x 6m0 4-5 n				
A 8 CF 1x 6m4 3 n				B 30 KH 8x 5m8 2 D				
R 30 PI 6x 5m0 2				B 40 KV 10x 6m0 1 a				
B 50 FB 15x 4m5 2 B				R 50 JM 8x 4m5 3 A				
B 50 CF 10x 6m4 1 B				B 50 GG 7x 5m3 4				
R 53 JL 15x 5m3 2 a				B 60 DK 20x 4m5 1 B				
R 60 PA 14x 5m0 3 B				R 63 KV 34x 5m0 1 a				
B 70 MC 25x 5m2 1				B 75 AT 14x 5m6 3 B t				
R 80 BF 30x 6m8 1 A				B 80 WD 15x 4m8 1				
R 90 MM 40x 5m0 1-2 a				R 90 SG 38x 6m3 1 a				
R 102 DS 33x 5m0 2 B				N 110 CW 54x 5m2 2 B				
S 125 FB 50x 5m1 1 B				M 150 PI 50x 4m0 3 A				
N 200 GK 57x 5m6 2 A				S 200 HL 50x 1 B				
M 228 GI 78x 6m3 2 B u				S 250 FB 63x 4m2 2 B				
N 320 PI 55x 6m7 1								
Cz	**13**	III 2 p	02 44.7	+62 21	Cas	6.0	10.4	17
N 140 RH 100x 6m0 3				N 200 JL 160x 5m5 5 a				
DoDz	**1**	III 2 p	02 47.4	+17 12	Ari	12.0		130
S 200 DK 67x 4m9 2 C				S 250 FB 96x 5m0 3 F				
N 400 CF 68x 6m0 3-4 C								
IC	**1848**	IV 3 p	02 51 12.0	+60 26 00	Cas	12	6.5	38
N 150 GK 85x 6m1 4 H				S 200 DK 148x 5m0 4 C u				
Cr	**33**	II 3 mn	02 59.3	+60 24	Cas	40.0	5.9	38
N 140 RH 19x 5m8 3				N 150 GK 23x 6m1 6 X				
Cr	**34**	I 3 p	03 00.9	+60 25	Cas	25.0	6.8	38
N 140 RH 19x 5m8 3				N 150 GK 23x 6m1 6 X				
IC	**1872**	*2+S	03 04 34.9	+42 48 32	Per	0.40	16.0	63
N 317 WK 170x 5m5 3								
NGC	**1193**	II 3 m	03 05 48.0	+44 23 00	Per	1.5	12.6	63
B 80 PI 20x 5m0 5 n				S 200 PE 78x 5m3 4 n				
N 200 JL 92x 6m0 4 a				N 200 HZ 40x 6m5 4				
N 200 DP 102x 6m0 3-4 n								
NGC	**1220**	II 2 p	03 11 42.0	+53 20 00	Per	2.0	11.8	38
R 90 TJ 56x 5m3 4 n				M 150 PI 83x 6m 3-4				
S 200 PE 110x 5m7 3 E				S 200 MC 200x 5m9 3 G t				
S 200 JL 100x 5m0 4 a				S 200 DK 217x 4m6 3 G t				
N 200 GK 228x 5m6 3 G				N 317 TJ 230x 6m0 4 a				
Tr	**3**	III 3 p	03 11.8	+63 15	Cas	23.0	7.0p	18
B 40 TN 8x 5m 4 n				R 60 CF 9x 6m0 3-4 C				
B 80 PI 20x 6m8 1 t				R 80 GK 37x 5m5 3 C				
N 114 DK 33x 5m0 2 C				N 140 RH 50x 5m8 2				
N 150 GK 53x 5m5 3 C				N 200 JL 37x 5m5 4 a				
N 200 GK 57x 5m6 3 C				N 317 TJ 53x 5m6 3 a				
N 400 CF 68x 6m0 2-3 B								
NGC	**1245**	III 1 r	03 14 42.0	+47 15 00	Per	10.0	8.4	63
R 63 KV 34x 6m0 2 a				R 90 SG 56x 6m3 3 a				
R 102 DS 33x 5m5 4 X				N 112 CF 53x 6m2 3 B t				
N 114 DK 83x 5m0 4 a				N 114 RS 56x 5m5 3 a				
R 130 BF 150x 6m8 2 E				S 200 JL 100x 5m0 2 a				
N 200 DP 102x 6m0 3 a				S 200 MC 100x 5m9 3 E				
S 200 PE 110x 5m5 3 A t				M 228 GI 124x 5m0 4 G t				
S 250 FB 96x 5m0 2 E				N 254 JM 181x 4m5 4				
N 317 TJ 66x 5m0 3 a				N 320 PI 144x 6m0 2				
K	**5**	I 2 m	03 14.6	+52 43	Per	7.0		38
R 90 TJ 56x 5m3 4-5 n				M 150 PI 83x 6m 6				
S 200 PE 110x 5m7 4 F				S 200 DK 217x 4m6 3 G				
M 228 GI 182x 4m9 5 I				N 317 TJ 230x 6m0 3-4 a				
St	**23**	III 3 p	03 16.3	+60 02	Cam	15.0		38
B 30 KH 8x 6m1 2 C				B 40 TN 8x 5m 3 n				
B 50 PI 10x 6m8 1				R 60 DK 39x 4m5 3 C				
B 100 JM 25x 5m3 2-3 a				N 114 DK 83x 4m7 3 C				
N 200 JL 30x 6m0 4 a				N 200 DP 36x 5m5 3 a				
S 250 FB 96x 5m5 3 C				N 400 CF 68x 6m0 2-3 C				
Mel	**20**	III 3 m	03 22.0	+49 00	Per	185	1.2	38
A 7 RH 1x 5m5 1-2				A 8 CF 1x 5m5 3-4 C				
B 50 DK 7x 4m5 2 B				B 50 CF 10x 5m5 2 B				
B 100 JM 25x 5m0 2 C				N 200 GK 33x 5m6 2 A				
K	**6**	IV 2 p	03 28.1	+56 27	Cam	7.0		38
S 200 PE 70x 5m0 3 C				N 200 JL 60x 6m0 4 a				
M 228 GI 124x 4m9 5 I t								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1342**	III 3 p	03 31 36.0	+37 20 00	Per	14.0	6.7	94

R	53	JL	23x	5m3	3	a	N	114	DK	33x	5m0	2	B	
M	150	PI	50x	5m0	3	E u	N	200	GK	57x	5m6	2	B	
S	250	FB	96x	5m7	2	B	N	254	JM	42x	4m5	2-3	A	
N	254	JM	181x	4m5	3	a	N	317	TJ	62x	6m0	2	a	
N	318	DS	61x	5m7	3	B	N	400	CF	68x	6m0	2	A	

NGC	**1348**	II 2 p	03 33 48.0	+51 26 00	Per			39

S	200	DK	145x	4m9	4	C t	N	200	KV	48x	5m5	4-5	n	
N	320	PI	144x	6m3	3	t								

Be	**10**	II 3 p	03 39.4	+66 32	Cam	12.0		18

N	140	RH	100x	5m8	4		N	317	TJ	230x	5m6	4-5		

IC	**348**	IV 2 pn	03 44 30.0	+32 17 00	Per	7.0	7.3	95

N	114	DK	83x	5m0	4	C	N	200	GK	91x	5m6	3	F	
M	228	GI	78x	4m9	3	C								

M	**45**	I 3 r	03 46.9	+24 07	Tau	110	1.2	132

A		GG	1x	5m0	1	B	A	6	PA	1x	5m3	1	X u	
A	6	JM	1x	5m0	2	X	A	8	CF	1x	5m6	1	C	
B	50	GG	7x	5m0	1	B	B	50	CF	10x	5m5	1	B	
B	50	AM	10x	5m0	1	B u	B	63	AV	9x	5m2	1		
N	114	DK	25x	3m4	1	B u								

Tom	**5**	III 2 m	03 47.8	+59 03	Cam	17.0	8.4	39

S	200	PE	110x	5m0	4	E	S	200	DK	67x	4m7	3	B	
N	200	KV	75x	5m0	3	a	N	200	JL	60x	5m0	4	a	
S	250	FB	96x	5m5	4	E	N	254	RV	70x	5m3	3	E	

NGC	**1444**	IV 1 p	03 49 24.0	+52 40 00	Per	4.0	6.6	39

S	200	PE	200x	5m0	4	C	N	200	GK	170x	5m6	4	H	

K	**7**	II 3 m	03 59.0	+51 48	Per	5.0		39

M	228	GI	182x	4m9	7									

NGC	**1496**	II 1 p	04 04 24.0	+52 37 00	Per	6.0	9.6	39

N	200	GK	119x	5m6	3	I	S	200	PE	110x	5m0	4	C	
N	200	DP	180x	4m5	3	a	M	228	GI	124x	4m9	4	C t	

Do	**14**	IV 2 p	04 06.6	+27 26	Tau	12.0		95

S	200	PE	78x	4m8	2	C	S	200	DK	77x	4m9	3	X u	

NGC	**1502**	II 3 p	04 07 42.0	+62 20 00	Cam	8.0	6.9	18

A	7	PI	1x	6m8	4		B	24	PI	8x	6m8	2	t	
B	50	PI	10x	6m8	2	t	R	80	GK	37x	5m5	3	D	
B	80	PI	20x	6m8	1	t	N	114	DK	56x	4m7	1	C u	
N	114	RS	56x	5m5	1	a	S	125	FB	74x	5m1	2	C	
N	140	RH	100x	6m0	3-4		N	150	GK	85x	5m5	3	D	
S	200	DK	67x	4m8	1	C	N	200	GK	57x	5m6	1	B	
N	200	JL	37x	5m5	3	a	N	200	HR	128x	5m3	2	B	
S	250	FB	96x	5m5	2	C	N	254	RV	140x	5m3	2	B	
N	317	TJ	62x	6m0	3	a	N	320	PI	144x	6m8	1		

NGC	**1513**	II 1 m	04 10 00.0	+49 31 00	Per	9.0	8.4	64

N	114	RS	90x	5m5	3	a	N	114	DK	56x	4m9	3	C t	
N	114	AV	50x	5m2	3	a	M	150	PI	83x	5m0	3		
S	200	MC	50x	5m9	3	E u	S	200	JL	100x	4m0	5	a	
N	200	DP	75x	4m5	4	a	N	200	GK	119x	5m6	2	B	
S	250	FB	96x	5m5	3	B	N	254	RV	140x	5m3	3	B	
N	320	PI	144x	5m3	3		N	400	CF	68x	6m4	2	B	

NGC	**1528**	II 2 m	04 15 24.0	+51 14 00	Per	24.0	6.4	39

A	7	CF	1x	6m9	4-5		B	30	BF	8x	6m9	2	a	
B	30	KH	8x	5m7	2	t	B	40	KV	10x	6m0	3-4	n	
B	60	DK	20x	5m0	2	a	R	63	KV	53x	6m0	1	a	
B	80	PI	20x	6m	2	D u	R	90	SG	38x	6m3	3	a	
R	102	DS	33x	5m5	3	E	N	114	RS	56x	5m5	2	a	
N	114	DK	56x	4m9	2	B	R	130	BF	37x	6m9	2	B	
R	130	BF	20x	6m0	1	A	M	150	PI	40x	6m	1	A	
N	200	TJ	45x	5m0	2	a	N	200	GK	91x	5m6	2	A	
N	200	KV	48x	6m0	2-3	a	M	228	GI	78x	6m3	2	E u	
S	250	FB	96x	5m5	3	B	N	254	JM	40x	4m3	2-3	A	
N	320	PI	144x	6m3	2									

IC	**361**	II 1 r	04 19 00.0	+58 18 00	Cam	6.0	11.7	39

N	200	KV	75x	5m0	3	a	N	200	KV	75x	5m0	3	a	
N	317	WK	170x	6m0	4-5									

NGC	**1545**	II 2 p	04 20 54.0	+50 15 00	Per	18.0	6.2	39

B	30	KH	8x	6m1	3	C	N	114	DK	33x	5m0	3	C	
N	200	KV	75x	6m0	4	a	S	250	FB	96x	5m5	3	C	
N	320	PI	80x	5m3	2		N	400	CF	68x	6m4	1	A	

Be	**11**	II 3 m	04 20.6	+44 55	Per	6.0	10.4	64

N	200	JL	92x	6m0	5	a	N	400	CF	240x	6m4	3-4	C t	

NGC	**1548**	*Grp	04 21 20.0	+36 55 00	Per			96

N	320	PI	144x	6m3	3									

Mel	**25**	II 3 m	04 27.0	+16 00	Tau	330	4.0	133

A	6	PA	1x	5m3	1	X u	A	7	KV	1x	6m0	2	a	
A	8	CF	1x	5m6	1	C u	B	50	DK	7x	4m0	1	B k	
B	50	CF	10x	5m5	1	B	B	50	AM	10x	5m0	1	C u	
B	63	AV	9x	5m2	1	C k								

NGC	**1582**	IV 2 p	04 32 00.0	+43 51 00	Per	37.0	7.0	65

N	114	DK	33x	4m5	3	C u	N	200	GK	44x	5m6	2	B	
S	200	PE	110x	5m0	3	C	S	250	FB	63x	5m5	3	C	
N	320	PI	45x	6m0	2		N	400	CF	68x	6m2	2	B	

NGC	**1605**	III 1 m	04 35 00.0	+45 15 00	Per	5.0	10.7	65

N	400	CF	240x	6m4	3-4	E								

NGC	**1624**	II 1 p n	04 40 24.0	+50 27 00	Per	1.9	11.8	40

N	200	DP	36x	6m0	3	a	N	320	PI	144x	6m3	3		

Be	**68**	III 1 r	04 44.5	+42 04	Per	12.0	9.8	65

N	400	CF	240x	6m2	3	E								

NGC	**1647**	II 2 m	04 46 00.0	+19 04 00	Tau	45.0	6.4	134

B	30	KH	8x	5m7	3	t	R	30	PI	6x	5m0	3		
B	42	CF	10x	6m1	3	C t	R	45	CF	23x	5m5	3	C	
B	50	FB	15x	5m0	3	a	B	50	DP	10x	5m0	2	a	
B	50	PI	10x	6m5	2	B	B	70	MC	25x	5m0	2		
R	80	HZ	17x	5m8	3		R	90	MM	40x	5m0	2-3	a	
M	100	MC	25x	5m3	2	E	R	102	DS	33x	5m0	3	E	
N	110	CW	54x	5m0	2	A	N	114	DK	25x	5m0	3	B	
R	120	CF	23x	5m5	2-3	C	S	125	FB	20x	5m4	2	E	
M	150	PI	50x	5m0	1		R	150	DS	48x	5m4	3-4	E	
N	200	GK	44x	5m6	2	B	S	200	JL	64x	4m0	1	a	
S	200	HM	48x	4m7	3	a	M	228	GI	78x	5m0	3	A u	
M	228	GI	78x	6m3	3	A	N	254	JM	40x	4m3	2-3	B	

Ru	**148**	IV 2 p	04 46.5	+44 44	Per	3.0	9.5	65

N	400	CF	141x	6m2	4-5	F								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1662**	I 2 p	04 48 30.0	+10 56 00	Ori	20.0	6.4	179

R	24	DK	5x	4m7	3	n	B	30	KH	8x	5m3	2-3	t
R	53	JL	23x	5m0	4	a	R	60	DK	39x	4m5	2	C
B	60	DK	20x	4m7	2	C	B	100	JM	25x	6m0	2-3	C
N	114	DK	56x	4m7	1	C	S	125	FB	50x	5m6	3	C
N	200	JL	60x	5m0	3-4	a	N	200	GK	57x	5m6	3	F
N	400	CF	68x	6m1	3	C							

NGC	**1663**	IV 2 p	04 48 36.0	+13 10 00	Ori			179

N	400	CF	141x	6m1	4	C

NGC	**1664**	III 1 p	04 51 06.0	+43 42 00	Aur	18.0	7.6	65

B	80	PI	20x	6m0	4		N	114	DK	56x	5m0	2	B
S	125	FB	50x	5m4	3	E	M	150	PI	50x	4m5	4	E
N	200	TJ			2	a	N	200	XY	45x	6m0	3	a
N	200	HR	126x	5m0	2	E	N	200	GK	91x	5m6	2	B
M	228	GI	124x	4m6	3	C u	N	320	PI	45x	6m0	2	
N	400	CF	141x	6m3	2	E							

NGC	**1724**	OCL	05 03 30.0	+49 30 00	Aur		10.0	65

N	320	PI	144x	6m5	3

NGC	**1746**	III 1 p	05 03 36.0	+23 49 00	Tau	42.0	6.1	134

B	30	KH	8x	5m8	2	t	R	45	CF	23x	5m5	3	C
B	50	CF	10x	5m5	3	C	R	80	HZ	17x	6m2	3	
N	114	DK	25x	5m0	3	C	R	120	CF	23x	5m5	3	C
N	130	JM	50x	5m0	3	C	N	200	JL	38x	5m0	2-3	a
N	200	GK	44x	5m6	2	B	M	228	GI	78x	4m6	3	C u
N	320	PI	144x	6m5	2	t							

NGC	**1750**	*Grp	05 03 54.0	+23 39 00	Tau	20	6.1	134

S	250	FB	96x	4m5	3	C	N	320	PI	80x	4m5	3	

NGC	**1758**	IV 1 p	05 04 24.0	+23 46 00	Tau	39.0		134

N	320	PI	80x	4m5	3

NGC	**1778**	III 2 p	05 08 06.0	+37 03 00	Aur	7.7	7.7	97

M	100	MC	67x	5m3	3	C	N	114	DK	56x	5m0	2	C
S	125	FB	50x	5m4	3	C	M	150	PI	50x	4m5	3	a
S	200	PE	110x	5m0	3	C	N	200	JL	60x	5m0	4	a
N	200	HR	126x	5m0	3	B	N	200	DP	102x	5m0	4	a
N	200	GK	91x	5m6	3	F	M	228	GI	78x	4m6	2	C u
N	317	TJ	66x	5m0	3								

K	**17**	II 2 m	05 08.4	+39 05	Aur	1.5		97

M	228	GI	78x	4m9	5	I

NGC	**1802**		05 10 12.0	+24 06 00	Tau	25		135

N	320	PI	45x	6m8	3

NGC	**1807**	II 2 p	05 10 42.0	+16 32 00	Tau	17.0	7.0	180

B	30	KH	8x	5m3	3-4	n	B	80	KH	20x	5m3	2	B
N	114	DK	56x	4m7	2	C	S	200	PE	78x	5m0	2	B
S	200	JL	120x	4m0	2	a	N	200	GK	57x	5m6	3	
M	228	GI	78x	5m2	2	C u	S	250	FB	96x	4m5	3	C
S	250	FB	96x	5m4	2	C	N	254	JM	181x	4m0	3-4	C

NGC	**1798**	I 1 m	05 11 36.0	+47 40 00	Aur	5.0		66

N	320	PI	144x	5m8	3

NGC	**1817**	III 1 m	05 12 06.0	+16 42 00	Tau	16.0	7.7	180

B	30	KH	8x	5m3	4-5	n	B	80	KH	20x	5m3	2	B
N	114	DK	111x	4m7	4	B	S	125	FB	50x	5m4	3	C
S	200	PE	78x	5m0	3	C	N	200	GK	119x	5m6	3	E
M	228	GI	78x	5m2	2	C u	S	250	FB	96x	4m5	3	C
N	254	JM	181x	4m0	3-4	C							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Do	**16**	III 2 p	05 14.6	+32 43	Aur	12.0		97

N	114	DK	56x	5m0	4	C	N	114	DB	42x	4m5	5	
N	200	JL	60x	5m0	5	a	N	400	CF	68x	6m0	4	H

NGC	**1857**	II 2 m	05 20 12.0	+39 21 00	Aur	6.0	7.0	66

B	80	PI	20x	5m0	1	A	N	114	DK	56x	4m5	4	C t
S	125	FB	50x	5m4	3	E	S	200	PE	200x	5m0	3	
N	200	GK	57x	5m6	4	F	N	400	CF	141x	6m0	3	E

Be	**18**	III 1 r	05 22 14.0	+45 28 15	Aur	20		66

N	320	PI	144x	5m3	3		N	320	PI	144x	6m5	6	

IC	**410**	I 2 p n	05 22 36.0	+33 31 00	Aur	6.0	9.0	97

N	200	JL	60x	5m0	4	a	N	250	SB	74x	5m0	4	

NGC	**1893**	II 2 m n	05 22 42.0	+33 24 00	Aur	11.0	7.5	97

B	50	CF	10x	5m7	2-3	a	R	80	HZ	17x	5m8	3	
S	125	FB	74x	5m4	3	C	N	140	RH	28x	6m0	2	
M	150	PI	80x	5m0	3	E	N	200	GK	57x	5m6	3	B
S	200	PE	110x	5m0	3	B	N	200	XY	45x	6m0	3	a
N	200	JL	60x	5m0	3	a	N	200	HR	126x	5m0	4	C
N	200	DP	36x	5m0	4	a	N	200	DP	36x	4m8	3-4	C
N	317	WK	93x	5m3	3		N	320	PI	45x	6m2	3	

Cr	**464**	IV 3 p	05 22.0	+73 00	Cam	120	4.2	6

N	150	GK	19x	6m5	4	H	N	200	GK	33x	5m6	5	H

K	**22**	III 3 R	05 22.2	+45 24	Aur	20.0		66

M	228	GI	124x	4m9	5	I

Do	**17**	IV 2 p	05 22.4	+07 07	Ori	12.0		180

B	30	KH	8x	5m3	3-4	t	R	45	CF	47x	5m3	3	F
B	50	CF	10x	5m5	3	F	N	114	DK	33x	5m0	3	X
R	120	CF	47x	5m3	3	C	S	200	PE	78x	5m0	1	C
N	200	DP	102x	5m5	4	a							

Cr	**62**	4 3 p	05 22.5	41 00.0	Aur	28	4.2	66

N	140	RH	28x	6m0	3		N	200	GK	44x	5m6	5	H

Do	**19**	IV 1 p	05 23.7	+08 11	Ori	23.0		180

N	114	DK	56x	5m0	3	C	R	120	CF	47x	5m3	3-4	F

DoDz	**2**		05 23.9	+11 28	Ori	12.0		180

N	114	DK	56x	5m0	3	C	R	120	CF	47x	5m3	4	C
M	150	PI	83x	4m1	4	C	S	200	PE	78x	5m5	2	C

Do	**18**	IV 2 p	05 24.1	+33 18	Aur	12.0		97

N	400	CF	68x	6m0	5	H

NGC	**1883**	II 1 p	05 25 54.0	+46 33 00	Aur	3.0	12.0	66

N	114	DK	56x	5m0	5-6		S	200	PE	110x	5m5	4	t
N	200	KV	170x	5m0	2	a	N	320	PI	144x	6m5	4	
N	400	CF	240x	6m0	3	F							

NGC	**1966**	OCL	05 26 48.0	-68 49 00	Dor	13.00	8.5	445

N	155	SK	36x	6m3	2-3

Cr	**65**	II 3 p	05 26.0	+16 00	Ori	220	3.0	135

A	8	CF	1x	5m5	4	C	R	24	DK	5x	4m7	3	C
B	30	KH	8x	5m3	1	B	B	42	DK	7x	4m9	2-3	C
B	50	FB	15x	5m0	2	C	B	50	CF	10x	5m5	2-3	C
N	200	GK	32x	5m8	4	F							

Do	**21**	IV 2 p	05 27.4	+07 04	Ori	12.0		180

N	114	DK	56x	5m0	3	C	R	120	CF	47x	5m3	3	C
N	200	DP	102x	5m5	5	a							

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
St	**8**	I 2 p n	05 27.6	+34 25	Aur	5.0		97

N	114	DK	83x	5m0	2	C u	M	150	PI	38x	6m5	5	C
S	200	AM	80x	5m3	5	C	N	317	WK	75x	5m3	5	
N	317	TJ	62x	6m0	4	a	N	400	CF	141x	6m0	3	C

NGC	**1907**	II 1 m n	05 28 00.0	+35 19 00	Aur	7.0	8.2	97

B	42	CF	10x	6m1	3	n	B	50	AM	10x	6m8	4	n
R	80	HZ	17x	5m8	3		R	90	MM	40x	5m5	2-3	
M	100	MC	100x	5m3	3	G t	R	102	DS	100x	5m9	3	n
N	114	DK	111x	5m0	3	G t	S	125	FB	50x	5m4	3	D
M	150	PI	38x	6m5	3	D	M	150	PI	50x	5m0	3-4	
N	200	GK	228x	5m6	3	I	N	200	DP	36x	5m0	2-3	a
N	200	XY	95x	6m0	2	a	N	200	KV	170x	5m5	1	a
S	200	AM	80x	5m3	3	D t	N	200	DP	102x	4m8	2	D
M	228	GI	148x	6m3	3	G u	N	254	JM	181x	4m5	3	D
N	320	PI	45x	6m2	2								

M	**38**	III 2 m	05 28.7	+35 50	Aur	21.0	6.4	97

A	6	FB	1x	6m4	3	n	B	30	KH	8x	6m0	3	
B	40	KV	10x	5m0	2-3	n	B	42	CF	10x	6m1	2	B t
B	50	FB	10x	5m4	2	N	B	50	AM	10x	5m0	3	n
B	50	AM	10x	6m8	2-3	D t	B	50	GG	7x	6m0	2	D
R	53	JL	23x	5m0	3	a	B	70	GI	16x	5m3	3	n
R	80	GW	61x	5m5	2	a	R	90	SG	56x	6m3	1	a
R	90	MM	40x	5m5	2	a	M	100	MC	38x	5m3	1	A
R	102	DS	33x	5m9	3	E	N	110	CW	54x	5m1	2	A u
N	114	AV	50x	5m2	1	a	N	114	DK	56x	4m5	1	A u
R	150	DS	80x	5m4	3	E u	N	200	GK	57x	5m6	2	B
N	200	XY	45x	6m0	1	a	S	200	AM	50x	5m3	2	B
M	228	GI	78x	6m3	2	E	S	250	FB	96x	5m4	1	E
N	254	JM	40x	4m3	1	A							

NGC	**1931**	I 3 p	05 31 24.0	+34 15 00	Aur	1.0	10.1	97

M	100	MC	67x	5m3	3-4	F	N	114	SB	125x	5m0	3	
M	150	PI	83x	6m5	2	n	N	200	HR	81x	5m0	5	F
S	250	FB	96x	5m0	3	H	N	250	SB	221x	5m0	3	s
N	254	JM	181x	4m3	3	f	N	320	PI	144x	6m2	1	
N	400	CF	240x	6m0	4	I							

DoDz	**3**	IV 2 p	05 33.7	+26 29	Tau	14.0	135

R	45	CF	50x	5m5	5	C	B	50	KH	10x	5m3	4	C
N	114	DK	56x	4m7	3	C	R	120	CF	50x	5m5	4	C
M	150	PI	83x	4m1	4	C	S	200	PE	110x	5m0	3	
S	200	DK	50x	5m0	3	C	N	254	JM	40x	4m7	2-3	C
N	400	CF	68x	6m2	3	F							

NGC	**1981**	III 2 pn	05 35 12.0	-04 26 00	Ori	25.0	4.2	225

A	7	KV	1x	6m0	3	n	B	42	DK	7x	4m8	3	C
R	45	CF	23x	5m5	2	C	B	50	CF	10x	5m5	2-3	F
B	60	DK	20x	4m8	2	C	R	80	HZ	17x	6m0	3	
R	102	DS	50x	4m0	4	F	N	105	JM	14x	5m0	3-4	C
N	110	CW	54x	5m0	2	C	S	125	FB	40x	5m6	2	C
R	150	DS	120x	5m4	2-3		R	150	DS	80x	5m4	3	
M	228	GI	78x	4m9	3	C	S	250	FB	96x	4m5	3	F
N	300	UN	112x	4m8	1	a u							

NGC	**1980**	EN+OC	05 35 24.0	-05 54 00	Ori	14.00		270

S	125	FB	50x	5m6	2	C	N	150	GK	53x	6m5	2	C
S	250	FB	96x	5m4	2	C							

NGC	**1977**		05 35 30.0	-04 52 00	Ori	20.0	7.0	225

A	8	CF	1x	5m5	3-4	a	R	45	CF	23x	5m5	4	C
B	70	RS	14x		5		R	80	HZ	25x	6m0	4	
B	100	JM	25x	5m5	3-4		N	114	DK	33x	4m8	3	s
R	120	CF	23x	5m5	3	C	R	130	BF	56x	6m6	3	s
N	200	HZ			3		N	200	AZ	38x		2	s
N	203	RH	48x	6m5	3		S	250	FB	96x	4m5	3	F
N	320	PI	55x	6m3	2		N	360	RS	45x		1	s
N	1E+03	PI	155x	6m5	1								

Cr	**69**	II 3 p	05 35.1	+09 56	Ori	65.0	2.8	180

A	8	CF	1x	5m5	3	C	B	30	KH	8x	5m8	4	H
R	45	CF	23x	5m5	3	C	B	50	FB	15x	5m0	3	C
B	50	CF	10x	5m5	2-3	C	B	60	DK	20x	4m9	3-4	C u
B	100	JM	25x	5m2	2	C	N	114	DK	25x	4m7	3-4	C u
R	120	CF	23x	5m5	3	C	M	127	JM	50x	5m3	3-4	C
N	200	GK	33x	5m6	2	F							

DoDz	**4**	IV 1 p	05 35.9	+25 57	Tau	28.0		135

R	45	CF	23x	5m5	4	C	B	50	KH	10x	5m3	3-4	t
B	80	KH	20x	5m3	4	C	N	114	DK	25x	4m7	3	C
R	120	CF	23x	5m5	3-4	C	M	150	PI	38x	4m1	4	H
S	200	PE	110x	5m0	2	C	S	200	DK	50x	5m0	4	F
N	254	JM	40x	4m7	2-3	C							

Cr	**70**	III 3 r	05 36.0	-01 00	Ori	150		225

A	6	FB	1x	6m4	3	a	B	50	FB	15x	5m0	2	E
B	50	CF	10x	5m5	2	E	B	60	DK	20x	4m7	2-3	A
R	120	CF	23x	6m0	2	A	N	200	GK	33x	5m6	5	C

M	**36**	II 3 m	05 36.1	+34 08	Aur	12.0	6.0	97

A	6	FB	1x	6m4	3	n	B	30	KH	8x	6m0	3	
B	40	KV	10x	5m0	2	n	B	42	CF	10x	6m1	2	B
R	50	JM	8x	4m3	3	B	B	50	FB	10x	5m4	2	n
B	50	AM	10x	5m0	2	n	B	50	AM	10x	6m8	2-3	D t
B	50	GG	7x	6m0	2	a D	R	53	JL	23x	5m0	2	a
B	60	DK	20x	5m0	1	B	B	70	GI	16x	5m3	2	n
R	80	KV	61x	5m5	2	a	R	90	SG	38x	6m3	1	a
R	90	MM	40x	5m5	2	a	M	100	MC	138x	5m3	1	A
R	102	DS	50x	5m5	3	C	N	110	CW	54x	5m1	2	C
N	114	AV	50x	5m2	1	a	R	150	DS	80x	5m4	3-4	C
N	200	TJ	130x	4m5	1-2	a	S	200	AM	50x	5m3	2	B
N	200	GK	91x	5m6	1	A	M	228	GI	78x	6m3	3	B
S	250	FB	96x	5m5	2	B							

NGC	**2017**	*Grp	05 39 16.2	-17 51 01	Lep	10		271

B	100	JM	25x	4m6	3	X	N	112	CF	90x	4m9	3	X
N	114	DK	56x	4m4	2	X	S	125	FB	50x	5m5	3	C
S	250	FB	96x	5m1	2	H							

St	**10**	IV 2 p	05 39.0	+37 56	Aur	25.0		97

B	50	KH	10x	5m3	3	C	N	114	DK	25x	4m5	2-3	C
N	130	JM	50x	5m0	2-3	C	S	200	PE	78x	5m5	1	C
N	320	PI	45x	6m2	2		N	400	CF	68x	6m0	3	C

Bas	**4**	II 1 p	05 48.5	+30 13	Aur	7.0	9.1	98

N	400	CF	141x	6m0	3-4	F							

K	**8**	II 2 m	05 49.4	+33 38	Aur	7.0	11.2	98

N	114	DK	56x	5m0	5	n	R	130	BF	150x	6m8	5	F
M	228	GI	148x	4m9	6-7		N	400	CF	141x	6m0	3-4	F

Cz	**23**	III 1 p	05 49.7	+28 56	Aur	6.0		98

N	400	CF	240x	6m2	3	C							

NGC	**2127**	OCL	05 51 06.0	-69 22 00	Dor			445

S	250	FB	125x	5m5	3	C							

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**37**	II 1 r	05 52.4	+32 33	Aur	24.0	5.6	98

A	6	FB	1x	6m4	3	n	B	30	KH	8x	6m0	3	
B	40	KV	10x	5m0	2	n	B	42	CF	10x	6m1	2	t
B	50	FB	10x	5m4	2	N	B	50	AM	10x	5m0	2	n
B	50	AM	10x	6m8	1	n	B	50	GG	7x	6m0	2	D
R	53	JL	23x	5m0	3	n	R	63	KV	53x	4m5	1	a
B	70	MC	25x	5m0	2		B	70	GI	16x	5m3	2	n
R	80	GW	61x	5m5	1-2	a	R	90	MM	40x	5m5	2	a
R	90	SG	38x	6m3	1	a	M	100	MC	67x	5m3	1	D
R	102	DS	50x	5m5	2	D	N	110	CW	54x	5m0	2	D
N	114	AV	50x	5m2	1	a	N	114	DK	83x	4m5	1	D
R	150	DS	80x	5m4	2	D u	N	200	GK	91x	5m6	1	D
S	200	AM	80x	5m3	1	D u	M	228	GI	78x	6m3	2	D
S	250	FB	96x	5m5	1	D	N	254	JM	181x	4m3	2-3	D

NGC	**2112**	II 3 m n	05 53 54.0	+00 24 00	Ori	11.0	9.1	226

S	125	FB	50x	5m6	4	C	M	127	JM	50x	5m3	3	H
N	200	GK	91x	5m6	4	H	S	200	PE	78x	5m5	4	C
S	250	FB	96x	5m3	4	C	N	320	PI	144x	6m5	4	

Bas	**11b**	II 2 m	05 58 12.2	+21 58 31	Ori	3	8.9	136

N	320	PI	144x	6m3	3								

NGC	**2129**	III 3 p	06 01 00.0	+23 18 00	Gem	7.0	6.7	136

B	40	KV	10x	6m5	3	a	B	50	CF	10x	5m5	2	a
R	60	PA	28x	5m6	5	H	R	63	KV	34x	6m0	1	a
N	114	DK	56x	4m8	3	C	N	114	AV	50x	5m2	3	
S	125	FB	50x	5m4	2	B	N	153	TR	52x	5m1	3	C u
S	200	HL	77x		1		N	200	GK	91x	5m8	3	C
M	228	GI	182x	4m8	3	B	N	254	JM	40x	4m3	3	a
N	320	PI	45x	6m5	3		N	400	CF	141x	6m2	2	B

NGC	**2126**	II 1 p	06 03 00.0	+49 54 00	Aur	6.0	10.2	67

N	114	DB	36x	5m0	5	n	N	200	GK	119x	5m8	3	C
S	200	PE	78x	5m7	2	A	N	200	KV	200x	5m5	2	a
S	250	FB	96x	5m4	2	B	N	254	JM	181x	4m5	3	B

NGC	**2141**	II 3 r	06 03 06.0	+10 26 00	Ori	10.0	9.4	181

N	114	DK	56x	4m8	4	n	S	125	FB	50x	5m6	4	H
N	200	GK	170x	5m6	4	I t	S	200	PE	78x	5m5	5	t
M	228	GI	182x	5m2	6	H	S	250	FB	96x	5m3	4	E
N	317	TJ	89x	6m4	4		N	400	CF	141x	6m0	3-4	E

IC	**5146**	*Grp	06 04 52.6	+24 09 31	Gem	3	136

N	320	PI	144x	5m3	2								

IC	**2157**	III 2 p	06 05 00.0	+24 00 00	Gem	7.0	8.4	136

S	125	FB	74x	5m4	3	C	R	130	BF	80x	6m1	3	C
N	153	TR	52x	5m1	3	C	S	200	DK	148x	5m0	2	C
N	200	TJ	45x	5m0	3		N	200	GK	91x	5m6	3	C
M	228	GI	258x	4m4	4	I t	N	320	PI	45x	6m5	2	
N	400	CF	141x	6m2	3	C							

NGC	**2158**	II 3 r	06 07 30.0	+24 06 00	Gem	5.0	8.6	137

R	45	CF	80x	6m0	3-4	n	B	50	PI	10x	6m5	3	n
R	80	HZ	17x	6m0	3	n	R	90	MM	40x	5m0	3	
M	100	MC	67x	5m5	3	n	R	102	DS	50x	5m0	3	n
R	120	CF	80x	6m0	2-3	n	S	125	FB	74x	5m4	3	G
M	150	PI	50x	4m5	4		N	153	TR	108x	5m1	3	D t
S	200	DK	217x	5m0	2	G t	S	200	MC	133x	6m0	2-3	G t
S	200	WD	62x	5m5	3	t	N	200	GK	228x	5m6	3	G t
N	200	HZ	120x	6m0	3	a	N	200	DP	128x	5m0	2	a
N	203	KV	120x	6m5	2	a	M	228	GI	124x	4m5	5	n
N	254	JM	181x	4m3	4	a	N	318	DS	102x	5m6	3	t

NGC	**2169**	I 3 p n	06 08 24.0	+13 57 00	Ori	7.0	5.9	181

R	24	DK	5x	4m7	2	n	B	50	FB	15x	5m9	3	a
B	50	KH	10x	5m3	3-4	t	B	80	KH	20x	5m3	2	C
B	80	PI	20x	4m3	1	a	B	100	JM	25x	5m2	3	C
N	114	DK	83x	4m7	1	C	S	125	FB	50x	5m9	2	C
N	200	KV	120x	5m0	2-3	a	N	200	GK	91x	5m6	2	B
N	200	JL	60x	5m0	2-3	a	N	200	DP	75x	5m0	2	a
M	228	GI	148x	4m8	1	C u	N	254	JM	181x	4m0	3	C
N	317	TJ	89x	6m4	1		N	400	CF	141x	6m0	2	C

M	**35**	III 2 m	06 08.9	+24 20	Gem	28.0	5.1	137

A	6	FB	1x	6m4	3	n	A	6	AM	1x	6m8	3	n
A	6	GG	1x	6m0	6		A	6	KV	1x	5m5	3	n
A	7	PI	1x	6m5	4	n	A	7	KH	1x	6m3	3	
A	7	MC	1x	5m9	4	n	A	8	CF	1x	5m5	4	n
B	40	KV	10x	5m0	1	a	B	42	CF	10x	6m1	3	C t
R	45	CF	50x	6m0	1	A	B	50	PI	10x	6m5	1	B t
B	50	AM	10x	5m0	3	A t	B	50	FB	10x	5m4	1	a
B	50	AM	10x	6m8	2	D t	B	50	GG	7x	6m0	1	D t
R	60	PA	28x	5m6	2	A	R	60	DK	39x	4m9	1	A
B	70	MC	25x	5m0	1		B	70	GI	16x	5m3	2	n
R	72	MS	33x	5m0	2	a	R	75	AT	25x	5m9	1	A
B	80	PI	20x	4m5	1	A	M	90	AM	29x	5m0	3	A t
R	90	MM	40x	5m0	1	a	R	90	SG	38x	4m9	1-2	a
M	100	MC	25x	5m5	1	A	R	102	DS	50x	5m0	1	A
N	105	JM	14x	5m0	1	D	N	114	DK	25x	4m8	1	A
R	120	CF	50x	6m0	1	A	S	200	AM	50x	4m5	2	B
N	200	GK	57x	5m6	1	A	S	200	HM	48x	4m2	1	D
M	228	GI	78x	5m0	1	E u	S	250	FB	39x	5m6	1	A

NGC	**2175**	IV 3 p n	06 09 48.0	+20 19 00	Ori	18.0	6.8	137

R	60	PA	28x	5m6	4	C	R	63	KV	34x	6m0	1	a
B	100	JM	25x	6m0	3-4	C	N	114	DK	56x	4m9	4	C
S	125	FB	50x	5m9	4	C	N	200	GK	57x	5m6	5	F
S	200	PE	32x	5m7	3		N	317	WK	75x	6m0	4	
N	320	PI	83x	6m5	3		N	400	CF	141x	6m1	2-3	C

NGC	**2165**	*Grp	06 11 09.0	+51 40 20	Aur	41

B	100	JM	25x	5m2	4-5	c							

NGC	**2186**	II 2 p	06 12 12.0	+05 27 00	Ori	4.0	8.7	182

B	100	JM	25x	5m2	4	C	S	125	FB	74x	5m9	3	C
N	200	GK	170x	5m6	4	I	S	200	PE	78x	5m0	3	t
M	228	GI	148x	4m8	5	I t	N	317	TJ	62x	6m4	4	a

NGC	**2194**	III 1 r	06 13 48.0	+12 48 00	Ori	10.0	8.5	182

N	114	DK	56x	4m7	3	n	S	125	FB	50x	5m9	3	C
M	150	PI	50x	4m5	6	h	N	200	GK	170x	5m6	3	D
N	200	JL	60x	5m0	4	a	N	200	DP	75x	5m0	4	a
M	228	GI	78x	4m8	4	I t	M	228	GI	148x	5m0	5	I t
S	250	FB	96x	5m1	3	E	N	317	TJ	62x	6m4	3	a
N	400	CF	141x	6m0	3	E							

NGC	**2192**	III 1 p	06 15 12.0	+39 51 00	Aur	6.0	10.9	98

N	200	HR	191x	5m0	7		N	317	WK	93x	6m0	3	E
N	320	PI	144x	5m8	3		N	400	CF	240x	6m0	3	E

NGC	**2204**	III 3 m	06 15 42.0	-18 39 00	CMa	13.0	8.6	317

S	125	FB	50x	5m6	4	a	M	150	PI		4m5	7	X
S	200	PE	110x	5m2	4	I							

Cr	**89**		06 18.0	+23 38.0	Gem	60	5.7	137

N	200	GK	33x	5m6	3	E							

NGC	**2231**	OCL	06 20 24.0	-67 32 00	Dor		445

S	250	FB	96x	4m5	3	C							

NGC	**2215**	II 2 p	06 21 00.0	-07 17 00	Mon	11.0	8.4	272

N	150	GK	53x	6m5	4	C	S	200	PE	78x	5m0	3	B
N	200	GK	57x	5m8	3	E	S	250	FB	96x	5m4	3	B

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Cr	**91**	IV 2 p	06 21.7	+02 22	Mon	17.0	6.4	227

N	114	DK	56x	5m0	4	C	N	200	GK	33x	5m6	3	F
N	400	CF	68x	6m4	3-4	C							

Cr	**92**		06 22.9	+05 07	Mon	11.0	8.6	182

N	114	DK	56x	5m0	4	C	N	150	GK	85x	5m5	5	H
N	200	GK	57x	5m6	5	F	N	400	CF	68x	6m4	4	C

Do	**22**	IV 1 p	06 23.3	+04 39	Mon	18.0	227

N	114	DK	56x	5m0	5	C	N	400	CF	68x	6m4	3-4	E

Bo	**1**		06 25 28.5	+19 45 10	Gem	0.5	7.9	137

N	320	PI	144x	6m0	3

NGC	**2232**	IV 3 p	06 26 36.0	-04 45 00	Mon	30.0	3.9	227

A	8	CF	1x	5m5	3-4	a	B	50	PE	10x	5m0	2	C
B	50	CF	10x	5m5	3	C	N	114	DK	33x	5m0	2	C
R	120	CF	32x	5m5	2	C	S	125	FB	20x	5m6	2	C
N	200	GK	44x	5m6	2	C							

NGC	**2236**	III 2 p	06 29 42.0	+06 50 00	Mon	7.0	8.5	182

N	114	DK	56x	4m7	4	n	N	200	GK	228x	5m6	4	G
S	200	PE	78x	5m0	4	G	N	200	KV	170x	5m5	1	a
S	250	FB	202x	5m4	4	G	N	320	PI	133x	6m5	3	t

Cr	**96**	IV 2 p	06 30.3	+02 52	Mon	7.0	7.3	227

N	114	DK	56x	5m0	3-4	C	N	200	GK	32x	5m6	4	C

Cr	**95**	IV 2 p	06 30.5	+09 56	Mon	19.0		182

N	114	DK	25x	4m8	4	C	N	400	CF	68x	6m0	5	F

NGC	**2239**	II 3 p n	06 31 00.0	+04 57 00	Mon	16.0		227

N	200	GK	57x	5m6	2	B

Cr	**97**	IV 3p	06 31.3	+05 55	Mon	21.0	5.4	182

B	60	DK	20x	5m0	3	C	N	114	DK	25x	5m0	3	C
N	200	GK	33x	5m8	4	F							

NGC	**2244**	II 3 r n	06 32 24.0	+04 52 00	Mon	24.0	4.8	227

A	6	FB	1x	6m4	3	n	A	7	KV	1x	6m0	4	n
A	7	HZ	1x		3		A	7	KH	1x	6m3	2	n
A	8	CF	1x	5m5	3		B	40	KV	10x	5m5	1	a
R	50	TJ	8x	5m0	2	a	B	50	FB	15x	6m4	1	C
B	50	GG	7x	5m7	4	G t	B	50	AM	10x	6m0	2	B
B	50	CF	10x	5m5	2	C	B	50	PI	10x	6m5	2	C
R	60	DK	39x	4m3	1	C	B	60	DK	20x	4m7	1	C u
R	63	KV	34x	5m0	1	a	M	100	MC	50x	5m0	1	C
R	102	DS	33x	4m5	3	C	N	114	DB	36x	5m5	2	C u
S	125	FB	50x	6m4	2	C	N	140	RH	28x		2	
N	200	TJ	45x	5m0	2	a	S	200	WD	62x	4m5	1	
N	200	GK	57x	5m6	2	B	M	228	GI	78x	5m2	2	B u
N	254	JM	40x	4m3	2-3	C	N	300	HT	75x	6m5	1	
N	317	WK	75x	5m0	3		N	318	DS	102x	4m8	3	C

NGC	**2250**	IV 2 p	06 32 48.0	-05 02 00	Mon	8.0	8.9	227

N	200	GK	170x	5m6	4	I

NGC	**2240**	*Grp	06 33 04.0	+35 14 00	Aur	11		99

N	320	PI	45x	6m0	3

Be	**23**	III 1 m	06 33 15.0	+20 31 59	Gem	4		137

N	320	PI	72x	5m8	1

NGC	**2251**	IV 2 p	06 34 42.0	+08 22 00	Mon	10.0	7.3	182

B	50	CF	10x	5m5	3-4	a	N	114	DK	56x	4m7	3	C
S	125	FB	50x	5m6	3	C	S	200	PE	78x	5m0	2	B
S	200	DK	67x	4m8	2	C	N	200	HR	126x	5m0	4	B
N	200	DP	102x	5m0	3	a	M	228	GI	78x	5m2	2	B u
N	254	JM	98x	5m3	3	B	N	320	PI	83x	6m5	2	
N	400	CF	68x	6m0	3	C							

NGC	**2252**	IV 2 p n	06 35 00.0	+05 23 00	Mon	20.0	7.7	227

N	114	DK	56x	4m7	3	C u	N	140	RH	28x		2	
M	150	PI	83x	4m5	4	I	S	200	DK	50x	5m0	2	C u
M	228	GI	78x	5m2	2	B u	S	250	FB	96x	5m4	3	C u
N	400	CF	68x	6m4	2-3	B							

NGC	**2254**	I 2 p	06 36 00.0	+07 40 00	Mon	4.0	9.1	182

N	114	DK	56x	4m7	3	n	N	200	GK	228x	5m8	3	I
S	200	PE	200x	5m0	3	G t	S	200	DK	145x	4m8	3	G t
N	200	HR	191x	5m0	5	G	N	200	DP	192x	5m0	2	a
S	250	FB	167x	5m7	2	G	N	400	CF	141x	6m0	3	B

Ru	**1**	III 1 p	06 36.4	-14 11	Cma	11.0		272

R	130	BF	56x	6m5	3

Cr	**104**	IV 1 p	06 36.5	+04 49	Mon	22.0	9.6	227

N	114	DK	25x	5m0	3	F	N	150	GK	30x	5m5	6	X
N	320	PI	55x	6m0	3		N	400	CF	68x	6m4	4	C

Bas	**7**	IV 1 p	06 36.6	+08 21	Mon		8.5	182

N	400	CF	141x	6m0	3-4	F

Tr	**5**	III 1 r	06 36.7	+09 26	Mon	7.0	0.9	182

N	114	DK	56x	4m7	5	n	N	317	TJ	62x	5m0	5-6	
N	320	PI	80x	6m0	3		N	400	CF	141x	6m0	4	t

Cr	**106**	III 3 p	06 37.1	+05 57	Mon	45.0	4.6	182

B	50	CF	10x	5m5	3	F	B	100	JM	25x	5m2	3	C
N	112	CF	36x	6m0	3	C	N	114	DK	25x	4m6	3	C

Cr	**107**	IV 3 p	06 37.7	+04 44	Mon	35.0	5.1	227

B	42	DK	7x	4m9	4	X	B	50	CF	10x	5m5	5	C
B	100	JM	25x	5m2	3	C	N	112	CF	36x	6m0	4	X
N	150	GK	30x	5m5	6	X	N	320	PI	55x	6m0	3	

NGC	**2260**	*Grp	06 38 09.0	-01 29 00	Mon	18		227

N	320	PI	55x	6m3	3

NGC	**2262**	I 2 p	06 38 24.0	+01 11 00	Mon	4.0	11.3	227

N	140	RH	28x	3	N	318	DS	102x	4m8	7

NGC	**2259**	II 2 p n	06 38 36.0	+10 53 00	Mon	5.0	10.8	182

N	114	DK	56x	4m7	4	n	S	125	FB	74x	6m4	4	I
N	320	PI	144x	6m5	4	t	N	400	CF	141x	6m0	4	F

Cr	**110**	III 1 M	06 38.4	+02 01	Mon	12.0	10.5	227

N	400	CF	141x	6m4	3-4	E

Cr	**111**		06 38.7	06 54	Mon	3.2	7.0	182

N	200	GK	91x	5m6	5	H

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2264**	III 3 mn	06 41 06.0	+09 53 00	Mon	20.0	3.9	182

A	6	FB	1x	6m4	3	n	A	8	CF	1x	5m5	3	a
B	40	KV	10x	6m5	1	a	B	50	FB	15x	6m4	1	C
B	50	CF	10x	5m5	2	C	B	50	GG	7x	5m7	4	G t
R	60	PA	28x	5m6	2	B u	R	60	DK	39x	4m3	1	C u
R	63	KV	34x	6m0	1	a	R	80	HZ	17x	6m0	3	
R	102	DS	33x	4m7	3	C u	N	114	RS	36x	5m5	1	a
S	125	FB	50x	6m4	2	C	N	140	RH	28x		1	
M	150	PI	50x	4m5	1	A	N	200	XY	45x	6m0	2	a
N	200	HR	126x	5m0	3	F	N	203	RH	48x	6m7	4	LPR
M	228	GI	78x	5m0	1	E u	S	250	FB	39x	5m6	2	C
N	254	JM	40x	4m3	2-3	C	N	304	PH	76x	5m2	2	F
N	320	PI	45x	6m5	1								

NGC	**2266**	II 2 m	06 43 12.0	+26 58 00	Gem	7.0	9.5	138

N	150	WK	45x	5m5	4	a	M	150	PI	50x	4m5	6	X
N	200	GK	170x	5m6	3	g D	S	200	MC	133x	6m0	3	E
S	200	DK	145x	5m0	2	A	M	228	GI	148x	4m9	3-4	G t
S	250	FB	96x	5m0	2	G							

NGC	**2269**	II 2 p	06 43 54.0	+04 34 00	Mon	4.0	10.0	228

S	125	FB	74x	6m4	4	I

Do	**23**	IV 3 p	06 43.2	+00 00	Mon	12.0	228

S	200	DK	67x	4m7	4	C

Do	**24**	IV 2 m	06 44.2	+01 36	Mon	18.0	228

S	200	DK	67x	4m7	2-3	B

Do	**25**	IV 1 mn	06 45.1	+00 18	Mon	23.0	7.6	228

N	114	DK	56x	4m8	3	B	M	150	PI	83x	4m5	4	C
N	320	PI	55x	6m0	3								

NGC	**2286**	IV 3 m	06 47 36.0	-03 10 00	Mon	15.0	7.5	228

S	125	FB	50x	5m6	4	H	S	200	PE	110x	5m2	4-5	H

M	**41**	II 3 m	06 47.0	-20 44	CMa	38.0	4.5	318

A	7	PI	1x	6m8	3		A	7	PI	1x	5m5	3	n
A	8	GG	1x	5m2	7		A	8	KV	1x	5m5	4	n
B	30	KH	8x	5m4	2	t	B	40	KV	10x	5m0	1	a
B	50	GG	7x	5m2	2	E	B	60	DK	20x	4m0	2	B
B	70	MC	25x	5m2	1		B	80	KH	15x	5m6	1	a
R	80	GW	38x	5m5	1	a	R	102	DS	33x	4m4	3	C
N	105	JM	14x	5m0	3	A	S	125	FB	20x	5m6	1	B
M	150	PI	50x	5m	1	B	N	200	TJ	45x	4m5	2	a
S	200	AM	50x	4m6	3	C	M	228	GI	78x	5m0	2	A
S	250	FB	39x	5m6	2	B							

Bo	**2**	I 1 p	06 48.9	+00 23	Mon	1.5	9.7	228

N	114	DK	111x	4m8	3	I u	M	150	PI	150x	4m5	5	I t
S	200	PE	110x	5m2	4	I							

NGC	**2281**	I 3 p	06 49 18.0	+41 04 00	Aur	15.0	5.4	68

B	30	KH	8x	5m8	3	C	R	42	KV	8x	6m5	1	n
R	50	JM	8x	4m0	2-3		R	63	KV	34x	6m0	1	a
B	80	PI	20x	6m0	2		N	114	DK	56x	4m5	1	C u
S	125	FB	50x	5m4	2	C	N	200	GK	57x	5m6	2	E
S	200	DK	67x	4m7	1	C u	N	200	KV	48x	6m5	3	a
S	250	FB	96x	5m4	2	C	N	318	DS	61x	5m1	3-4	C
N	320	PI	144x	6m5	2								

NGC	**2301**	I 3 m	06 51 48.0	+00 28 00	Mon	12.0	6.0	228

R	60	DK	39x	5m0	1	Btu	R	63	KV	34x	5m0	1	a
N	114	DK	56x	4m8	1	B u	S	125	FB	40x	5m6	2	B
N	200	KV	120x	6m0	2	a	N	200	DP	75x	5m0	3	a
N	318	DS	76x	4m7	2	Bku							

NGC	**2302**	II 2 p	06 51 54.0	-07 04 00	Mon	3.0	8.9	273

S	125	FB	74x	6m4	3	C	S	200	PE	110x	5m0	3	I

Bi	**10**	I 3 p	06 52.2	+02 56	Mon	4.0	10.4	228

N	400	CF	240x	6m2	3-4	C							

Cr	**121**	IV 3 p	06 54.2	-24 38	CMa	50.0	2.6	318

N	114	DK	25x	4m2	3	C k	N	200	GK	57x	5m6	6	H
N	400	CF	68x	6m0	3-4	C							

NGC	**2304**	II 1 p	06 55 00.0	+18 01 00	Gem	5.0	10.0	138

N	200	GK	170x	5m8	3	G	S	200	MC	100x	6m0	3	G
S	200	DK	145x	5m0	3	G	N	200	JL	60x	5m0	5	
M	228	GI	148x	4m9	5	n							

NGC	**2309**	II 2 m	06 56 12.0	-07 12 00	Mon	3.0	10.5	273

S	125	FB	74x	6m4	3	E	N	200	GK	170x	5m6	4	I
S	200	PE	110x	5m0	4	B	N	200	HR	126x	5m0	3	E

NGC	**2311**	III 2 p	06 57 48.0	-04 35 00	Mon	7.0	9.6	228

S	125	FB	74x	6m4	3	F	S	200	PE	78x	5m3	3	E
N	200	GK	91x	5m8	4	F							

M	**50**	II 3 m	07 03.2	-08 20	Mon	16.0	5.9	277

A	6	FB	1x	6m4	3-4	n	A	7	BF	1x	6m9	4	
B	30	KH	8x	5m4	3-4	t	B	30	BF	8x	6m9	1	a
B	40	KV	10x	5m5	2	a	B	50	CF	10x	5m5	1-2	a
B	50	FB	15x	6m4	2	C	B	50	PI	10x	6m8	1	t
B	50	PI	10x	6m5	2	C	R	63	KV	34x	6m0	1	a
B	80	KH	15x	5m6	1	a	R	90	TJ	38x	4m5	3	a
R	102	DS	50x	5m0	3	B	N	114	DK	56x	4m5	1	D
S	125	FB	50x	6m4	2	A	R	130	BF	37x	6m9	1	D k
N	200	HR	61x	5m0	2	A	M	228	GI	78x	5m0	2	E
S	250	FB	96x	5m4	1	A	N	254	JM	42x	5m3	3	D
N	320	PI	72x	6m5	1		N	400	CF	68x	5m0	1	A

NGC	**2324**	II 2 r	07 04 12.0	+01 03 00	Mon	8.0	8.4	228

R	63	KV	34x	5m0	3-4		S	125	FB	50x	5m6	3	E
S	200	PE	110x	5m2	4	E	S	200	DK	145x	4m7	3	E
N	318	DS	76x	4m8	3-4	E u	N	400	CF	141x	6m2	2-3	E

NGC	**2335**	III 3 mn	07 06 36.0	-10 05 00	Mon	12.0	7.2	273

S	125	FB	40x	5m6	3	B	S	200	PE	110x	5m0	3	B
N	400	CF	141x	5m0	2-3	B							

NGC	**2331**	IV 1 p	07 07 12.0	+27 21 00	Gem	18.0	8.5	138

M	127	JM	115x	4m3	3	C	S	200	PE	110x	5m2	3	C
S	200	DK	67x	4m9	3	C	N	400	CF	68x	6m0	3	F

Ru	**11**	III 2 p	07 07.4	-20 48	CMa	2.9		318

S	200	PE	78x	5m4	4	C

NGC	**2345**	I 3 m	07 08 18.0	-13 10 00	CMa	12.0	7.7	273

S	125	FB	50x	5m6	2	B	R	130	BF	56x	6m5	2	B
S	200	PE	70x	5m5	3	B							

Haf	**23**	III 2 m	07 09.4	-16 57	CMa	11.0	273

R	130	BF	20x	6m5	5	B

NGC	**2354**	III 2 m	07 14 18.0	-25 44 00	CMa	20.0	6.5	319

S	125	FB	40x	5m6	3	E	R	130	BF	37x	6m0	2	E
N	200	GK	91x	5m6	3	B	N	317	TJ	53x		3-4	a
N	400	CF	96x	5m5	3	B							

NGC	**2353**	II 2 p	07 14 36.0	-10 18 00	Mon	20.0	7.1	273

N	112	CF	36x	5m5	3	E	S	200	PE	70x	5m5	2	B
S	250	FB	96x	5m4	3	B	N	317	TJ	66x	4m5	3	

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Cr	**132**	III 3 p	07 14.4	-31 10	CMa	95.0	3.6	361

B	50	CF	10x	3m0	3	C	B	60	DK	20x	3m8	3	X	
R	120	CF	23x	3m0	2	C								

NGC	**2355**	II 2 p	07 16 54.0	+13 47 00	Gem	9.0	9.7	184						
R	120	CF	50x	5m5	3	a	S	200	PE	70x	5m5	3	A	
S	200	MC	100x	6m0	2-3	E	N	200	KV	170x	6m0	2	a	
M	228	GI	258x	4m9	4	I t	S	250	FB	96x	4m5	4	C	
N	320	PI	80x	6m5	3		N	508	AS	265x	5m8	2		

NGC	**2360**	II 2 m	07 17 48.0	-15 37 00	CMa	13.0	7.2	274						
B	50	FB	15x	6m1	2	a	B	50	PE	10x	5m2	3	t	
R	63	KV	34x	6m0	1	a	R	80	HZ	17x	6m5	3		
R	102	DS	50x	5m0	4	G t	N	112	CF	90x	5m5	3	E	
N	114	DK	83x	4m8	2	A	S	125	FB	50x	5m6	2	D	
S	200	DK	67x	4m6	1	D	N	200	GK	57x	5m8	2	F	
N	317	TJ	177x	4m5	3	a								

Bas	**11a**		07 17.1	-13 58	CMa	9.0	8.2	274						
S	200	DK	77x	4m6	4	C								

NGC	**2362**	I 3 p n	07 18 48.0	-24 57 00	CMa	8.0	4.1	319						
A	7	BF	1x	6m0	2		R	60	DK	39x	4m2	3	C t	
R	63	KV	34x	5m0	1	a	R	80	BF	30x	6m0	1	D	
N	105	JM	63x	6m5	2-3	B	N	112	CF	90x	4m5	3	C	
N	114	DK	83x	4m2	2	B	S	125	FB	50x	5m6	2	B	
R	130	BF	37x	6m0	1	D	S	200	PE	70x	5m5	2	B	
N	200	KV	200x	5m5	1	a	M	228	GI	78x	4m8	2	B u	
N	317	TJ	66x	4m5	3	a								

NGC	**2367**	IV 3 p	07 20 06.0	-21 56 00	CMa	4.0	7.9	319						
N	200	GK	119x	5m6	3	H	S	200	PE	70x	5m5	3	C	
S	250	FB	96x	5m1	3	C	N	400	CF	240x	5m5	3	C u	

NGC	**2368**	IV 2 p	07 21 00.0	-10 23 00	Mon	5.0	11.8	274						
S	200	PE	70x	5m5	4	E								

K	**23**	III 2 p	07 22.2	+00 47	Cmi	4.0		229						
M	228	GI	148x	4m9	5	I t	N	320	PI	144x	5m8	7		

Be	**78**	II 1 p	07 23 37.8	+05 22 08	Cmi	2		229						
N	320	PI	144x	5m8	7									

Cr	**140**	III 3 m	07 23.9	-32 12	CMa	42.0	3.5	361						
B	50	CF	10x	3m0	2	C	B	60	DK	20x	3m8	3	C	
R	120	CF	23x	3m0	3	B								

NGC	**2374**	II 3 p	07 24 00.0	-13 16 00	CMa	19.0	8.0	274						
N	112	CF	53x	5m5	3	C	N	114	DK	56x	4m2	3	C	
S	200	PE	70x	5m5	3	B	S	250	FB	96x	5m6	3	B	

NGC	**2383**	I 3 m	07 24 48.0	-20 56 00	CMa	6.0	8.4	319						
S	125	FB	50x	6m1	2	C	N	200	GK	228x	5m6	4	G	
S	200	PE	70x	5m5	2	C								

Tr	**6**	III 2 p	07 24.0	-24 12	CMa	6.0	10.0	319						
S	200	PE	70x	5m5	5	F								

NGC	**2384**	IV 3 p	07 25 06.0	-21 02 00	CMa	3.0	7.4	319						
S	125	FB	50x	6m1	3	C	N	200	GK	91x	5m6	4	C	
S	200	PE	70x	5m5	3	C	N	400	CF	68x	4m5	4	C	

NGC	**2395**	III 1 p	07 27 06.0	+13 35 00	Gem	12.0	8.0	184						
R	120	CF	80x	5m5	3	C	S	200	HM	95x	4m7	1		
S	200	PE	70x	5m5	4	B	N	203	KV	48x	6m5	3	a	
M	228	GI	148x	4m9	3	C u	N	254	RV	70x	4m9	3	C	
N	368	RV	80x	4m9	3		N	508	AS	140x	5m8	3		

Tr	**7**	II 3 mn	07 27.3	-24 02	Pup	5.0	7.9	319						
N	200	GK	91x	5m8	4	C u								

NGC	**2396**	III 3 p	07 28 06.0	-11 44 00	Pup	10.0	7.4	27						
N	114	DK	56x	4m2	3	C	S	125	FB	31x	6m2	3	C	
S	200	PE	70x	5m5	2	C	S	200	DK	67x	4m6	3	C	
S	250	FB	96x	5m7	3	C								

Haf	**10**	III 2 m	07 28.6	-15 23	Pup	1.6	11.5	274						
S	200	PE	70x	5m5	4	C								

NGC	**2391**	*	07 29 07.6	+33 49 31	Gem			100						
A	6	FB	1x	6m1	3		B	50	FB	15x	6m1	2	C	
S	125	FB	20x	6m1	2	C								

NGC	**2401**	II 3 p	07 29 24.0	-13 58 00	Pup	2.0	12.6	274						
S	200	PE	70x	5m5	4	I								

Do	**26**	IV 1 p	07 30.1	+11 54	CMi	23.0		184						
S	200	PE	70x	5m5	4	F	S	200	DK	67x	4m7	3	C u	

NGC	**2414**	I 3 m	07 33 18.0	-15 27 00	Pup	4.0	7.9	274						
N	112	CF	90x	5m5	3-4	C	R	130	BF	150x	6m3	3	C	
S	200	PE	70x	5m5	3	B	S	250	FB	96x	5m7	3	B	

NGC	**2421**	I 2 m	07 36 18.0	-20 37 00	Pup	10.0	8.3	319						
S	200	PE	70x	5m5	3	E	S	250	FB	96x	5m7	3	E	

Mel	**72**	II 1 p	07 36.0	-10 34	Mon	9.0	10.1	274						
S	200	PE	70x	5m5	4	F								

M	**47**	III 2 m	07 36.6	-14 30	Pup	30.0	4.4	274						
A	6	FB	1x	6m1	3		A	7	KV	1x	5m5	3-4	n	
B	30	KH	8x	5m4	3	t	B	40	KV	10x	5m0	1	a	
B	50	FB	15x	6m1	1	a	B	50	AM	10x	6m0	2	B	
B	50	PI	10x	6m5	1	E	R	60	DK	39x	4m8	1	B	
R	63	KV	34x	6m0	1	a	R	75	AT	50x	5m0	2	B	
B	80	KH	15x	5m6	2	a	N	112	CF	36x	5m5	1	B	
N	114	RS	36x	5m5	1-2	a	S	125	FB	20x	5m2	1	E	
M	127	JM	37x	4m3	2-3	B	R	130	BF	37x	6m3	1	A	
N	200	GK	57x	5m8	1	B	M	228	GI	78x	4m7	1	E	
S	250	FB	63x	5m6	1	B	N	304	PH	76x	4m8	2	B	
N	317	TJ	62x	4m5	1	a	N	400	AT	57x	4m7	1	B	

NGC	**2423**	IV 2 m	07 37 06.0	-13 52 00	Pup	19.0	6.7	274						
B	40	KV	10x	5m0	4	n	B	42	CF	10x	5m7	3-4	t	
B	50	FB	15x	6m2	2	a	B	50	AM	10x	6m0	4	n	
B	50	PI	10x	6m5	2	B	R	63	KV	34x	6m0	1	a	
R	80	HZ	17x	5m5	3		B	80	KH	15x	5m6	4		
N	112	CF	53x	5m5	3	B	N	114	DK	56x	4m8	3	B	
S	125	FB	40x	5m2	3	B	M	127	JM	115x	4m0	3	C	
R	130	BF	56x	6m3	2	A	N	200	XY	45x	5m0	3	a	
N	200	DP	102x	4m5	4	C	M	228	GI	78x	5m0	2	E	
N	317	TJ	62x	4m5	3	a								

Mel	**71**	II 1 m	07 37.5	-12 04	Pup	9.0	9	274						
S	200	PE	70x	5m5	3	E	S	200	DK	77x	4m6	2	A	
N	200	GK	119x	5m8	3	E	S	250	FB	96x	5m7	2	E	
N	317	TJ	230x	4m5	3-4		N	400	CF	68x	6m0	2	D	

NGC	**2425**	III 2 p	07 38 18.0	-14 52 00	Pup	3.0		274						
N	112	CF	53x	5m5	4	n	R	130	BF	150x	6m3	4	C	
S	200	PE	70x	5m0	4	E								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2420**	I 2 r	07 38 30.0	+21 34 00	Gem	10.0	8.3	139

N	114	DK	83x	4m8	3	A t	N	150	WK	45x	5m5	3	a
S	200	PE	110x	5m5	2	A	N	200	KV	75x	6m0	1-2	a
N	200	DP	102x	5m5	2	a	M	228	GI	148x	4m9	2-3	G u
N	300	UN	47x	5m1	2	a	N	300	UN	100x	5m1	1	a
N	300	UN	47x	5m1	2	a	N	317	TJ	177x	4m5	3	a
N	400	CF	141x	6m0	2	B							

NGC	**2439**	II 3 m	07 40 48.0	-31 39 00	Pup	10.0	6.0	362

S	250	FB	96x	5m7	2	B

NGC	**2432**	II 1 p	07 40 54.0	-19 05 00	Pup	8.0	10.2	319

S	200	PE	70x	5m5	4	E	N	317	TJ	177x	4m5	3	a

NGC	**2408**	*Grp	07 41 18.0	+71 43 00	Cam	10.00		21

N	255	SK	200x	4m7	1	a

M	**46**	III 2 m	07 41.8	-14 49	Pup	27.0	6.1	274

A	6	FB	1x	6m1	3		A	7	BF	1x	6m7	4-5	
B	30	KH	8x	5m4	3	n	B	40	KV	10x	5m0	4	n
B	50	FB	15x	6m1	1	a	B	50	AM	10x	6m0	3	D t
B	50	PI	10x	6m5	1	A	R	63	KV	34x	6m0	1	a
R	75	AT	25x	5m0	3-4	a	B	80	KH	15x	5m6	2	a
N	112	CF	53x	5m5	2	E	N	114	DK	56x	4m8	1	E
S	125	FB	20x	5m2	1	D	R	130	BF	37x	6m3	1	D
N	150	GK	53x	5m5	1	A	M	150	PI	38x	5m0	1	D
S	200	AM	80x	4m7	2	A	N	200	GK	57x	5m6	1	A
S	203	DS	68x	4m5	2	E	M	228	GI	124x	5m0	1	A u
S	280	AM	70x	6m0	2	A	N	304	PH	76x	4m8	2	E
N	317	TJ	62x	4m5	2	a	N	400	AT	57x	4m7	2	E
N	1E+03	PI	155x	6m5	1								

M	**93**	IV 1 p	07 44.6	-23 52	Pup	22.0	6.1	320

B	30	KH	8x	5m4	3	n	B	30	BF	8x	6m9	1	a
B	40	KV	10x	5m0	2-3	a	B	50	FB	15x	6m2	2	
R	63	KV	34x	5m0	1	a	B	80	KH	15x	5m6	2	a
R	80	GW	61x	5m5	2	a	N	105	JM	34x	6m5	2-3	D
N	112	CF	90x	4m5	3	C	N	114	DK	56x	4m2	2	D
S	125	FB	50x	6m2	2	C	R	130	BF	20x	6m9	1	D k
N	200	XY	45x	4m5	1	a	N	200	GK	119x	5m6	2	E
M	228	GI	78x	4m8	2	B u	N	500	CF	71x	4m5	3	C

NGC	**2451**	II 2 p	07 45 24.0	-37 58 00	Pup	45.0	3.5	362

A	6	FB	1x	5m5	3	a	A	7	BF	1x	6m0	2	
B	30	BF	8x	6m0	1	C k	B	50	FB	15x	5m5	1	C
R	60	RH	21x	7m3	1		R	80	BF	30x	6m0	1	B k
S	125	FB	20x	5m5	1	C	R	130	BF	20x	6m0	1	B k

NGC	**2453**	I 2 p	07 47 48.0	-27 14 00	Pup	5.0	8.3	320

N	105	JM	63x	6m5	3	H	S	250	FB	96x	5m7	3	C
N	400	CF	141x	5m4	2-3	C							

NGC	**2455**	III 2 p	07 49 00.0	-21 18 00	Pup	7.0	10.2	320

S	200	PE	78x	5m2	3	E

NGC	**2467**	I 3 m n	07 52 36.0	-26 23 00	Pup	15.0	7.1	320

R	80	BF	30x	6m3	4	F	S	250	FB	96x	5m7	3	C

NGC	**2477**	I 2 r	07 52.2	-38 32	Pup	27.0	5.8	362

A	7	BF	1x	6m0	6-7		B	30	BF	8x	6m0	1	n
B	50	FB	15x	5m5	1	D	R	60	RH	69x	7m3	2	
R	80	BF	30x	6m0	1	a	S	125	FB	20x	5m5	1	D
R	130	BF	56x	6m0	1	D							

NGC	**2482**	III 1 m	07 54 54.0	-24 18 00	Pup	12.0	7.3	320

S	250	FB	96x	5m7	3	C

NGC	**2479**	III 1 m	07 55 06.0	-17 43 00	Pup	7.0	9.6	275

S	200	PE	110x	5m0	4	E

NGC	**2483**		07 55 54.0	-27 56 00	Pup	10.0	7.6	320

N	200	GK	57x	5m6	4	F	N	400	CF	68x	5m4	2-3	F

Tr	**9**	II 2 p	07 55.3	-25 56	Pup	5.0	8.7	320

S	125	FB	50x	6m2	4	C	S	200	PE	70x	5m5	3	C

NGC	**2489**	II 2 m	07 56 12.0	-30 04 00	Pup	8.0	7.0	362

S	125	FB	74x	6m1	3	C	N	200	GK	57x	5m8	3	E

NGC	**2516**	OCL	07 58 18.0	-60 52 00	Car	21.00	3.0	424

A	6	SK	1x	6m4	4		A	7	RH	1x	7m0	1-2	
R	60	RH	21x	7m0	1		N	155	SK	36x	6m4	1	A

NGC	**2506**	I 2 r	08 00 12.0	-10 47 00	Mon	7.0	7.6	275

S	125	FB	74x	6m4	3	D	N	200	GK	170x	5m6	5	G

NGC	**2509**	II 1 p	08 00 42.0	-19 04 00	Pup	8.0	9.3	320

S	200	PE	70x	5m5	4	C	S	250	FB	96x	5m7	3	C
N	400	CF	141x	5m2	2-3	D							

NGC	**2520**	*Grp	08 02 36.0	-28 11 00	Pup	5.00	6.5	362

N	200	GK	57x	5m8	3	C

NGC	**2527**	III 1 p	08 05 18.0	-28 10 00	Pup	22.0	6.5	320

S	125	FB	31x	6m2	3	C	N	400	CF	68x	4m8	3	F

NGC	**2539**	II 1 m	08 10 42.0	-12 50 00	Pup	22.0	6.5	275

B	50	FB	15x	6m2	2		N	114	DK	56x	4m2	3	E
S	125	FB	31x	6m2	2	E	N	200	GK	91x	5m6	2	E
N	400	CF	68x	6m1	2-3	E							

NGC	**2547**	II 2 p n	08 10.2	-49 12	Vel	20.0	4.7	396

A	6	FB	1x	6m1	4	a	A	7	BF	1x	4m	4-5	
B	30	BF	8x	4m	1	a	B	50	FB	15x	6m1	2	C
R	80	BF	30x	4m	2	B	S	125	FB	31x	6m1	2	C
R	130	BF	37x	4m	2	B							

NGC	**2546**	III 2 m	08 12 24.0	-37 38 00	Pup	41.0	6.0	362

A	6	FB	1x	5m5	3	a	B	50	FB	15x	5m5	2	C
R	60	RH	21x	7m3	1		S	125	FB	20x	5m5	2	C

M	**48**	I 2 r	08 13.8	-05 48	Hya	54.0	5.8	275

A	6	FB	1x	6m1	3		A	7	KV	1x	6m0	4	n
A	8	CF	1x	5m6	4	n	B	30	KH	8x	5m4	2	t
B	40	KV	10x	5m0	2-3	n	R	45	CF	50x	4m8	2-3	B
B	50	FB	15x	6m1	1	D	B	50	PI	10x	6m5	1	B
B	50	CF	10x	5m6	2	D	B	50	PE	10x	5m2	2	a
R	60	DK	39x	4m8	2	D	R	63	KV	34x	5m0	1	a
B	70	GI	16x	5m5	1	B	B	70	CF	16x	6m0	2	D
R	102	DS	50x	4m8	3	E	N	114	RS	36x	5m0	1-2	a
S	125	FB	20x	6m1	2	D	S	125	FB	31x	5m6	2	B
N	140	RH	50x		1		N	200	HR	30x	5m6	2	E
N	200	GK	33x	5m6	2	A	N	200	DP	36x	4m5	4	a
M	228	GI	78x	4m8	3	B u	N	254	JM	42x	2m0	2-3	E

NGC	**2567**	III 2 m	08 18 36.0	-30 38 00	Pup	10.0	7.0	362

S	125	FB	50x	6m2	3	C

NGC	**2571**	IV 1 p	08 18 54.0	-29 44 00	Pup	13.0	7.0	362

S	125	FB	50x	6m2	4	C	N	200	GK	119x	5m6	4	C

NGC	**2579**	IV 2 p	08 21 06.0	-36 11 00	Pup	10.0	7.0	363

S	125	FB	50x	6m1	4	F

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2587**	II 1 p	08 23 30.0	-29 30 00	Pup	9.0	9.2	363

S	125	FB	50x	6m2	3	C

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2627**	III 2 m	08 37 18.0	-29 57 00	Pyx	11.0	8.4	363

S	125	FB	74x	6m1	3	C

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2391**	II 3 p	08 39.6	-52 55	Vel	60.0	2.5	425

A	7	BF	1x	4m	3		B	30	BF	8x	4m	2	C
R	60	RH	21x	6m9	2		R	80	BF	30x	4m	2	C
R	130	BF	20x	4m	2	C	N	304	PH	51x	5m2	1	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**44**	II 2 m	08 40.1	+19 59	Cnc	95.0	3.1	141

A	5	GI	1x	5m1	3		A	5	GI	1x	5m5	2	n
A	6	FB	1x	5m6	2	n	A	6	AM	1x	6m8	2	n
A	6	PA	1x	5m6	3	n	A	7	PI	1x	4m5	5	X
A	7	TJ	1x	5m0	3		A	7	PI	1x	6m5	1	X
A	7	GG	1x	5m5	3	D	A	8	CF	1x	5m8	2	a
B	32	HM	8x	4m2	1		B	40	KV	10x	5m0	1	a
R	45	CF	23x	5m5	1	A	B	50	PI	10x	6m5	1	A
B	50	AM	10x	6m8	1	A	B	50	CF	10x	5m8	1	B
B	50	GG	7x	5m5	1	D	R	50	JM	8x	4m0	2	A
R	60	PA	14x	5m6	1	A	B	60	DK	20x	4m0	1	B
B	70	MC	25x	5m0	1	A	B	70	GI	16x	5m1	1	A
B	70	CF	16x	6m3	1	A	R	72	MS	33x	5m0	2	a
R	80	GW	38x	5m5	2-3	a	R	80	PI	25x	4m5	1	A
R	102	DS	33x	5m0	1	B	N	114	JL	45x	4m0	2	a
R	120	CF	23x	5m5	1	A	S	125	FB	20x	5m6	1	A
M	150	PI	50x	4m5	1	A	N	200	DP	45x	4m5	4	a
S	200	HL	50x		1	E	M	228	GI	77x	4m8	1	B u
N	320	PI	144x	6m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2395**	OCL	08 41 06.0	-48 12 00	Vel	1.70	4.6	397

A	6	FB	1x	6m1	4		B	50	FB	15x	6m1	3	a
S	125	FB	31x	6m1	2	C							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2660**	OCL	08 42 12.0	-47 09 00	Vel	3.00	8.0	397

N	255	SK	200x	5m6	3	D

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
vdBH	**47**		08 42.6	-48 07	Vel	10	4.6	397

N	255	SK	58x	5m6	2	B

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2658**	I 2 r	08 43 24.0	-32 39 00	Pyx	12.0	9.0	363

S	125	FB	50x	6m1	4	I

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2669**	OCL	08 44 54.0	-52 58 00	Vel	20.00	6.0	425

B	50	FB	15x	6m1	3	a	R	60	RH	21x	7m3	2	
S	125	FB	50x	6m1	3	C							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2670**	OCL	08 45 30.0	-48 47 00	Vel	6.00	7.0	397

N	255	SK	58x	5m6	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Tr	**10**	2 2 p	08 47.8	-42 28.0	Vel	14	5.0	397

A	6	FB	1x	6m1	3		B	50	FB	15x	6m1	2	a
S	125	FB	31x	6m1	1	C	N	255	SK	58x	6m4	1	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**67**	II 2 m	08 50.4	+11 49	Cnc	30.0	6.9	187

B	24	PI	8x	6m3	3		B	40	KV	10x	4m5	3	n
R	45	CF	50x	5m5	2-3	A t	B	50	FB	15x	6m1	2	a
B	50	PI	10x	6m5	1	E	B	50	CF	10x	5m6	1-2	n
B	50	AM	10x	5m0	3	n	B	50	GG	7x	5m0	5	n
B	50	AM	10x	6m0	3	D t	B	60	DK	20x	4m8	2	N
R	60	PA	28x	5m6	2	A	R	63	KV	34x	5m0	1	a
B	70	GI	16x	5m3	3	n	B	70	CF	16x	6m3	1	A t
B	70	GI	16x	5m1	4-5		B	70	GW	10x	6m5	3	G t
B	70	MC	25x	5m0	2	A t	R	72	MS	33x	5m0	2	a
B	80	KH	15x	5m6	2	n	B	80	PI	20x	6m3	1	t
R	80	PI	25x	4m5	3	E	R	90	TJ	38x	5m0	2	a
M	90	AM	66x	5m0	2	D t	R	102	DS	50x	5m0	3	D
M	102	HM	63x	4m8	1		N	114	DK	56x	4m8	1	E
R	120	CF	50x	5m5	2	E t	S	125	FB	40x	5m6	2	E
N	140	RH	28x		1		M	150	PI	50x	4m5	2	E
N	200	HR	61x	5m0	1	D	N	200	GK	57x	5m6	1	A
N	200	DP	45x	4m5	1	a	B	228	GI	124x	4m8	1	A
S	250	FB	96x	5m0	1	A	N	254	JM	98x	3m5	3	B
S	280	AM	70x	6m0	2	A	N	320	PI	144x	6m3	1	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2488**	OCL	09 27 36.0	-56 59 00	Vel	6.00	7.4	425

N	155	SK	36x	6m2	2	E

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2925**	OCL	09 33 42.0	-53 26 00	Vel	14.00	8.0	426

N	155	SK	36x	6m2	2	E

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3114**	OCL	10 02 42.0	-60 07 00	Car		4.0	426

R	60	RH	21x	7m0	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3228**	OCL	10 21 48.0	-51 43 00	Vel	5.00	6.0	426

B	50	FB	15x	6m1	3	F	S	125	FB	31x	6m1	3	F

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2581**	OCL	10 27 24.0	-57 38 00	Car	1.70	4.3	426

R	60	RH	21x	6m9	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3293**	I 3 r n	10 35.8	-58 13	Car	40.0	4.7	427

B	30	BF	8x	2m	2	n	R	60	RH	69x	6m9	2	
R	130	BF	37x	2m	3	C							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2602**	OCL	10 43 12.0	-64 24 00	Car	1.70	1.9	449

R	60	RH	21x	7m0	1	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Tr	**14**		10 43 56.7	-59 32 55	Car	5	5.5	427

R	60	RH	21x	6m9	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Cr	**228**		10 43.0	-60 01	Car	14	4.4	427

R	60	RH	21x	6m9	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Cr	**232**		10 44.8	-59 34	Car	4	6.8	427

R	60	RH	21x	6m9	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Tr	**16**	I 2 p n	10 45 01.6	-59 42 16	Car	10	5.0	427

R	60	RH	21x	6m9	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3532**	II 1 m	11 05.2	-58 44	Car	50.0	3.0	427

A	6	SK	1x	6m4	3	a	R	60	RH	21x	7m0	1	
R	130	BF	37x	2m	1	A	N	155	SK	36x	6m4	1	A

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3572**	OCL	11 10 24.0	-60 14 00	Car	6.00	6.0	427

R	60	RH	69x	7m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3590**	OCL	11 12 54.0	-60 47 00	Car	2.00	8.0	427

R	60	RH	69x	7m0	3	

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Mel	**111**	III 3 r	12 25.0	+26 00	Com	275		148

A		HM	1x	4m9	3			A		GK	1x	6m5	2	A	
A	5	GI	1x	5m3	3	Btu		A	7	PI	1x	6m5	1		
A	7	KV	1x	7m0	3-4	a		A	7	GI	1x	5m4	5	a	
B	32	HM	8x		1	F		B	35	GI	8x	5m4	2	A	
B	50	DK	7x	4m5	2	B		B	70	GI	16x	5m4	1	A	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Up	**1**	IV 2 p	12 35.0	+36 19.0	CVn		5.3	108

B	30	KH	8x	6m0	3	a		R	50	TJ	8x		3	a	
R	50	JL	7x	6m4	4	a		B	50	CF	10x	5m5	3	C	
B	60	DK	20x	4m0	3	C		N	114	DK	33x	4m5	2	C	
N	114	DB	36x	5m5	3	D		N	200	KV	48x	6m5	3-4	a	
N	200	JL	38x	6m4	3	a		N	254	JM	40x	5m	2	F	
N	317	TJ	53x		3	a		N	320	PI	45x	6m3	2		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4755**	OCL	12 53 36.0	-60 20 00	Cru	10.00	4.0	429

N	155	SK	36x	6m4	1	C		N	304	PH	100x	4m6	1	B	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5316**	OCL	13 53 54.0	-61 52 00	Cen	14.00	6.0	452

N	304	PH	75x	4m6	3	E									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5460**	OCL	14 07 36.0	-48 19 00	Cen	35.00	5.0	404

A	6	FB	1x	6m3	4			S	125	FB	31x	6m3	2	C	
S	125	FB	50x	6m1	1	C		N	304	PH	50x	4m6	3	C	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5822**	OCL	15 05 12.0	-54 21 00	Lup	35.00	7.0	431

N	304	PH	50x	4m6	2	B									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6067**	OCL	16 13 12.0	-54 13 00	NOR	14.00	5.0	432

S	125	FB	31x	5m8	1	A		N	304	PH	75x	4m6	2	B	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6087**	OCL	16 18 54.0	-57 54 00	NOR	14.00	5.0	432

S	125	FB	50x	5m8	2	C		N	304	PH	75x	4m6	2	B	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6124**	OCL	16 25 36.0	-40 40 00	Sco	39.00	5.0	407

N	105	JM	63x	6m5	3			S	125	FB	31x	6m2	1	D	
N	304	PH	50x	4m6	2	C									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6134**	OCL	16 27 42.0	-49 09 00	NOR	7.00	7.0	407

S	125	FB	100x	6m1	2	G									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
DoDz	**5**	III 1 p	16 27.4	+38 04	Her	27.0		114

B	50	CF	10x	5m8	3-4	C		N	114	DK	33x	4m8	3	C	
N	114	DB	41x	5m5	3	E		N	200	JL	38x	6m5	5	a	
N	400	CF	68x	4m5	4	F									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6169**	OCL	16 34 06.0	-44 03 00	NOR	12.00	7.0	407

S	125	FB	74x	6m1	4	H									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6167**	OCL	16 34 24.0	-49 36 00	NOR	8.00	6.0	407

S	125	FB	74x	6m1	4	H									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Do	**27**	IV 2 p	16 36.5	-08 57	Oph	25.0		291

N	114	DK	25x	5m0	3	C		N	203	KV	30x	6m0	4	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6199**	*3	16 38 40.9	+36 05 08	Her	1.2		114

N	200	HZ	120x	6m8	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6193**	OCL	16 41 18.0	-48 46 00	Ara	15.00	5.0	407

S	125	FB	50x	5m8	2	B									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6200**	OCL	16 44 12.0	-47 29 00	Ara	14.00	7.0	407

S	125	FB	50x	6m1	2	A									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
DoDz	**6**	IV 2 p	16 45.3	+38 17	Her	17.0		114

B	50	CF	10x	5m8	3-4	a		B	100	JM	25x	5m2	3-4	C	
N	114	DK	56x	4m8	2	C		N	114	DB	41x	5m5	4	X t	
N	200	JL	92x	6m5	5	a		N	400	CF	68x	4m5	3	C	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6208**	OCL	16 49 30.0	-53 49 00	Ara	18.00	7.0	433

S	125	FB	74x	6m1	4	H									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6231**	OCL	16 54 00.0	-41 48 00	Sco	15.00	2.0	407

B	50	FB	15x	6m1	1	a		N	105	JM	15x	6m5	2-3	D	
S	125	FB	50x	6m1	1	A		N	304	PH	100x	4m8	2	B	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6242**	I 3 m	16 55 36.0	-39 30 00	Sco	9.0	6.0	375

N	105	JM	15x	6m5	2-3	D		S	125	FB	50x	6m1	2	C	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6250**	OCL	16 58 00.0	-45 48 00	Ara	10.00	5.0	407

S	125	FB	50x	6m1	3	B									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6268**	OCL	17 02 24.0	-39 44 00	Sco	6.00	10.0	407

S	125	FB	50x	6m1	3	C									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6281**	II 2 p n	17 04 48.0	-37 54 00	Sco	8.0	5.0	376

S	125	FB	50x	6m1	1	B									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
DoDz	**7**	III 1 p	17 10.6	+15 32	Her	20.0		202

B	50	CF	10x	5m8	3	C		N	114	DK	56x	4m8	2	C u	
S	200	PE	78x	5m7	2	C		N	203	KV	75x	6m0	4	a	
S	250	FB	63x	5m1	3	C		N	400	CF	68x	5m8	3	C	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6322**	OCL	17 18 30.0	-42 57 00	Sco	5.00	6.0	408

N	105	JM	34x	6m5	3-4	H									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Tr	**26**	III 2 p	17 25.3	-29 27	Oph	7.0	9.5	376

S	200	PE	78x	5m0	4	C									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
DoDz	**8**	IV 2 p	17 26.2	+24 11	Her	14.0		158

B	30	KH	8x	5m9	3-4	t		B	50	CF	10x	5m8	3	C	
N	114	DK	25x	4m5	3	C									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Cr	**333**	II 2 m	17 31.3	-34 05	Sco	5.0	9.8	376

N	200	JL	92x	3m5	4	a									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6383**	IV 3 p n	17 34 48.0	-32 34 00	Sco	5.0	5.0	376

S	125	FB	50x	6m2	3	H		N	150	MS	55x	5m0	3		
N	200	JL	192x	3m5	3-4	a									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Tr	**27**	III 3 m	17 36.2	-33 29	Sco	6.0	6.7	376

N	200	JL	92x	3m5	5	a									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6396**	II 3 p	17 38 06.0	-35 00 00	Sco	3.0	8.0	376

N	200	JL	162x	6m0	5	a									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6400**	II 2 m	17 40 48.0	-36 57 00	Sco	8.0	9.0	377

S	125	FB	50x	6m1	3	E		N	200	JL	92x	6m	3-4	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**6**	III 2 p	17 40.1	-32 13	Sco	15.0	4.2	377

A		TJ	1x	5m0	4	n		A	6	FB	1x	6m2	3	n	
B	40	KV	10x	6m0	1	a		B	50	CF	8x	3m0	2	B	
B	50	FB	15x	6m2	1	a		B	63	MS	9x	5m0	1		
B	63	AV	9x	4m8	1	a		R	90	MM	59x	5m0	1	a	
N	105	JM	15x	6m5	2	A		S	125	FB	31x	6m2	1	A	
N	150	MS	55x	5m0	1	a		M	228	GI	78x	6m0	1	A	
N	317	TJ	62x	4m5	2	a									

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6416	IV 1 p	17 44 24.0	-32 21 00	Sco	18.0	5.0	377

S	125	FB	31x	6m2	3	E								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	4665	III 2 p	17 46 18.0	+05 43 00	Oph	70	4.2	203

A	6	FB	1x	5m7	3	n	A	7	RH	1x		7		
A	8	CF	1x	6m0	3-4	n	B	30	KH	8x	5m5	2	B	
R	30	PI	6x	5m	2	A	B	32	HM	8x	4m3	2		
B	50	PA	10x	5m3	2	C	B	50	CF	10x	5m2	2	C	
B	50	FB	15x	5m7	1	B	R	60	RH	21x		1		
B	70	GI	16x	5m8	1	B u	B	70	GI	16x	5m3	3	B	
R	90	SG	38x	6m9	1		N	105	JM	14x	5m0	1-2		
N	114	DK	25x	4m5	1	B	S	125	FB	20x	5m7	1	B	
N	200	TJ	45x	5m0	2		N	200	GK	33x	5m6	2	B	
M	228	GI	148x	5m3	3	B	N	317	TJ	66x	4m5	1		
N	318	DS	42x	5m0	4-5	F	N	400	CF	68x	6m0	2	B	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6425	I 1 p	17 46 54.0	-31 32 00	Sco	8.0	7.0	377

N	105	JM	34x	6m5	2-3		S	125	FB	74x	6m2	2	C	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Cr	350	IV 1 p	17 48.1	+01 18	Oph	45.0	6.1	248

B	30	KH	8x	5m7	3-4	t	B	60	DK	20x	5m0	3	C u	
N	114	DK	25x	5m0	4	C u	S	200	HM	48x	4m3	2	a	
N	400	CF	68x	4m5	4	C								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6451	II 1 p n	17 50 42.0	-30 13 00	Sco	8.0	8.0	377

S	125	FB	74x	6m2	2	B	M	228	GI	124x	6m0	2	E	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6469	III 2 p	17 52 54.0	-22 21 00	Sgr	12.0	8.2	339

S	125	FB	50x	5m6	3	C	S	200	PE	110x	5m0	3	C	
N	317	TJ	62x	4m5	3	a								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	7	II 2 r	17 53.9	-34 49	Sco	80.0	3.3	377

A		KV	1x	6m0	4	n	A	5	GI	1x	6m0	3	n	
A	6	FB	1x	6m2	2	n	B	40	KV	10x	6m0	1	a	
B	50	CF	8x	3m0	2	B	B	50	FB	15x	6m2	1	A	
R	60	JL	35x	4m5	1	a	B	63	MS	9x	5m0	1		
B	63	AV	9x	4m8	1	a	B	70	GI	16x	6m0	1	A	
R	90	MM	59x	5m0	1	a	N	105	JM	15x	6m5	2		
S	125	FB	20x	6m2	1	A	N	150	MS	55x	5m0	1	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	23	III 1 m	17 56.8	-19 01	Sgr	27.0	5.5	339

B	30	KH	8x	5m	2	t	B	50	FB	15x	5m9	1	a	
B	70	GI	16x	6m0	1	A u	B	70	MC	25x	4m8	2	a	
B	80	PI	20x	5m	2	E	R	80	KV	10x	6m0	2	a	
B	80	KH	20x	5m	2	n	B	80	PA	15x	4m9	3	E	
R	90	SG	38x	6m9	2	a	N	105	JM	34x	6m5	2	E	
N	114	DK	56x	4m0	1	E	R	120	CF	47x	5m5	1	E	
S	125	FB	31x	5m9	1	E	N	150	MS	55x	5m0	1		
R	150	DS	48x	4m9	1	E	M	228	GI	78x	6m0	1	A u	
N	318	DS	61x	4m8	3	E								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6507	IV 2 p	17 59 36.0	-17 24 00	Sgr	7.0	9.6	339

S	200	PE	110x	5m0	4	F								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Mel	186	IV 3 m	18 01.0	+03 00	Oph	240	3.0	249

A	8	CF	1x	6m4	4	a	B	30	KH	8x	5m7	2	B	
B	32	HM	8x	4m4	2	u	B	50	DK	7x	4m5	2	B	
B	50	CF	10x	5m2	3	C								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6525	*Grp	18 02 06.0	+11 01 30	Oph	4.00		204

N	320	PI	80x	6m3	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Bo	14	III 1 p	18 02.0	-23 42	Sgr	2.0	9.3	339

S	200	PE	110x	5m0	4	I								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	20		18 02.3	-23 02	Sgr	28.0	6.3	339

N	114	SB	25x	6m2	4		R	120	CF	107x	5m5	3-4	C	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6520	I 2 m n	18 03 24.0	-27 54 00	Sgr	6.0	7.6	339

R	90	TJ	38x	4m5	3	a	N	105	JM	15x	6m5	2-3	a	
N	114	RS	90x	5m5	2-3	n	S	125	FB	74x	5m6	3	B	
S	200	JL	100x	4m5	2	a	N	200	DP	45x	5m0	3	a	
N	317	TJ	230x	4m5	3	a								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6530	II 2 m n	18 04 48.0	-24 20 00	Sgr	15.0	4.6	339

A		TJ	1x	4m6	3	n	A	6	FB	1x	6m6	3	n	
B	32	HM	8x	4m	3	a	B	50	FB	15x	6m6	1	a	
B	60	DK	20x	4m3	2	a	B	70	MC	25x	4m8	1	a	
S	125	FB	31x	6m6	1	B	R	150	DS	80x	4m9	2	B	
M	150	PI	38x	4m	3		N	300	HT	120x	6m5	1	a	
N	318	DS	61x	4m8	3	C	N	400	CF	68x	5m0	1-2	B	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	21	I 1 r	18 04.6	-22 30	Sgr	13.0	5.9	339

A	6	KV	1x	6m0	2	n	B	30	KH	8x	5m	2	n	
B	32	HM	8x	4m	3	a	B	50	WD	7x	6m0	3		
B	50	FB	15x	5m9	2	a	B	63	MS	9x	5m0	4		
B	70	MC	25x	4m8	1	a	B	70	GI	16x	6m0	3	B t	
B	80	KH	20x	5m	3		B	80	PI	20x	4m	3		
B	80	PA	15x	4m9	4	C	R	90	MM	59x	6m0	1	a	
R	90	SG	38x	6m9	1	a	N	105	JM	34x	6m5	2		
N	114	DK	56x	4m0	2	C	S	125	FB	31x	5m9	2	B	
M	150	PI	38x	4m	2	B	N	150	MS	52x	5m0	3		
N	200	KV	120x	4m5	2	a	M	228	GI	148x	6m0	3	D	
N	300	HT	90x	6m7	1		N	317	TJ	89x	6m0	2	a	
N	318	DS	61x	4m8	3	B	N	400	CF	68x	5m0	2	B	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6546	III 2 m	18 07 12.0	-23 20 00	Sgr	13.0	8.0	339

S	125	FB	74x	5m6	3	H	S	200	PE	110x	5m5	3	D	
N	200	GK	57x	5m6	4	F								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
DoDz	9	III 2 p	18 08.8	+31 31	Her	34.0		116

B	30	KH	8x	5m7	4	t	B	50	CF	10x	5m8	3-4	C	
N	114	DK	25x	4m6	3	C	M	150	PI	50x	5m5	3	C	
S	200	HM	48x	4m3	2		N	200	JL	60x	6m5	3-4	a	
S	250	FB	63x	5m1	3	C								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6568	III 1 m	18 12 48.0	-21 36 00	Sgr	13.0	8.6	339

R	90	MM	59x	6m0	4-5		S	125	FB	50x	5m9	3	B	
S	200	PE	110x	5m0	3	I u	M	228	GI	124x	5m3	3	B	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6583	II 1 m	18 15 48.0	-22 08 00	Sgr	3.0	10.0	339

N	200	GK	91x	5m8	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Cr	469	IV 1 p	18 16.4	-18 13	Sgr	5.0	9.1	339

S	200	PE	110x	5m0	3	B								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6595	III 3 m	18 17 00.0	-19 53 00	Sgr	11.0	7.0	339

S	200	PE	70x	5m0	4	C								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6596	III 2mn	18 17 30.0	-16 40 00	Sgr	10.0		294

N	114	DB	36x	5m0	3	C	S	200	PE	70x	5m0	3	E	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Tr	32	I 2 m	18 17.7	-12 37	Ser	4.0	12.2	294

S	200	PE	200x	5m7	4	I								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6604	I 3 p	18 18 06.0	-12 14 00	Ser	2	6.5	294

N	114	DB	36x	5m0	4	G t	S	200	PE	110x	5m0	2	C	
N	200	GK	57x	5m6	3	H								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6603	I 1 r n	18 18 24.0	-18 25 00	Sgr	5.0	11.1	339

R	80	HZ	50x	4m8	4		R	120	CF	107x	5m5	3	G t	
S	200	PE	220x	5m0	3	G	N	200	HZ	100x		3	a	
M	228	GI	182x	6m0	3-4	G t	N	300	HT	90x	6m7	2		
N	318	DS	153x	4m8	4	G								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**16**	II 3 m	18 18.8	-13 47	Ser	7.0	6.0	294

B	30	KH	8x	5m8	1	t		B	50	FB	15x	6m6	2	a	
B	50	PA	10x	4m9	3			R	60	JL	22x	4m5	3	a	
B	60	DK	20x	4m7	2	n		B	70	MC	25x	4m8	1	a	
B	70	GI	16x	4m5	1	C		B	80	PI	20x	3m5	3		
B	80	PA	15x	4m9	4			B	80	PI	20x	3m5	2	A	
R	90	SG	38x	6m9	2	a		R	90	MM	59x	6m0	3		
R	90	MM	59x	6m0	1	a		N	114	SB	63x	4m8	2		
N	114	RS	45x	5m5	2	a		N	114	RS	45x	5m5	3		
N	114	DB	36x	5m5	1	D		R	120	CF	47x	5m5	2	B	
R	120	RS	64x	5m5	2			S	125	FB	31x	6m6	1	A	
S	200	HM	48x	4m7	2	B u		S	200	MC	50x	5m4	1	A	

M	**18**	II 3 p	18 19.9	-17 08	Sgr	9.0	6.9	294

B	30	KH	8x	5m	2	t		B	50	FB	15x	5m9	3		
B	50	PA	10x	4m9	4	n		R	60	JL	22x	4m5	3	a	
B	63	MS	9x	5m0	3			B	70	GI	16x	4m5	3		
B	70	MC	25x	4m8	1	a		B	80	PI	20x	3m5	3		
B	80	KH	20x	5m	2			B	80	PA	15x	4m9	4	C	
R	90	SG	38x	6m9	3	n		R	90	MM	59x	6m0	2	a	
N	105	JM	63x	6m5	2-3			N	114	DB	36x	5m0	2	B	
N	114	DK	56x	4m0	1	C		N	114	JL	45x	4m5	2		
S	125	FB	50x	5m9	2	C		S	200	PE	49x	5m0	2	A	
M	228	GI	258x	4m8	3	C	DSF	N	318	DS	61x	4m8	3	E	
N	400	CF	68x	5m0	2	B									

M	**17**	III 2 p	18 20.8	-16 11	Sgr	11.0	6.0	294

N	114	SB	63x	4m8	2	s		N	250	SB	100x	5m3	1	s	
N	400	CF	68x	5m0	2-3	C									

Do	**28**	IV 2 p	18 22.5	-14 41	Sct	12.0		295

S	200	PE	110x	5m5	4	F									

NGC	**6625**		18 23 12.0	-12 03 00	Sct	39.0	9.0	294

S	200	PE	78x	5m5	3	F									

Tr	**33**	II 2 p	18 24.8	-19 41	Sgr	6.0	7.8	340

S	200	PE	110x	5m0	3	C k		N	200	GK	119x	5m6	3	C	

NGC	**6631**	II 2 m	18 27 12.0	-12 02 00	Sct	5.0	11.7	295

S	200	PE	78x	5m5	3	D t		N	200	JL	92x	5m5	4-5	a	

NGC	**6633**	III 2 m	18 27 42.0	+06 34 00	Oph	27.0	4.6	205

A	6	FB	1x	5m7	4	n		A	7	KV	1x	5m5	4	n	
A	8	CF	1x	6m4	3-4	n		B	30	KH	8x	5m5	2	C	
B	50	PA	10x	5m3	3	C u		B	50	FB	15x	5m7	1	B	
B	50	CF	10x	5m6	2	C		R	60	RH	21x		1		
R	63	KV	34x	4m5	1	a		B	70	GI	16x	4m8	1	C	
R	80	DS	40x	5m1	3	F		R	90	SG	38x	6m9	2	a	
R	90	MM	59x	5m5	1-2	a		S	102	HF	42x	4m0	2	a	
R	102	DS	50x	5m3	3	C		N	114	DK	25x	4m8	1	B	
R	120	CF	32x	6m3	2	B		S	125	FB	31x	5m7	1	B	
M	150	PI	50x	5m5	2	E		N	200	DP	36x	5m0	4	a	
N	200	GK	32x	5m6	2	B		S	200	HM	48x	4m8	2	A	
M	228	GI	78x	4m8	1	C		N	254	JM	42x	2m5	2-3	a	
N	318	DS	42x	5m0	3-4	C									

NGC	**6639**	*Grp	18 30 07.0	-13 12 10	Sct			295

N	203	KV	200x	5m5	1-2	a									

Ru	**141**	IV 1 p	18 31.3	-12 19	Sct	6.0		295

N	114	DB	36x	5m0	4	H									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**25**	I 3 m	18 31.6	-19 15	Sgr	32.0	4.6	340

B	30	KH	8x	5m	1	t		B	50	FB	15x	5m9	2	a	
B	50	PA	10x	4m9	3	C		B	60	DK	20x	4m3	1	C	
B	70	GI	16x	4m5	1	C		B	80	PI	20x	5m	1	A	
B	80	KH	20x	5m	2			B	80	PA	15x	4m9	3	B	
R	90	SG	38x	6m5	1	a		R	90	MM	59x	5m5	2-3		
B	100	JM	25x	4m5	2-3	a		S	125	FB	31x	5m9	1	A	
M	150	PI	50x	4m5	1	A u		S	200	DK	67x	4m7	1	D k	
S	200	PE	110x	5m0	1	A		M	228	GI	124x	4m8	1	B	DSF
N	318	DS	61x	4m8	2-3	B		N	400	CF	68x	6m2	2	B	

NGC	**6645**	III 1 m	18 32 36.0	-16 54 00	Sgr	10.0	8.5	295

S	125	FB	50x	5m9	3	B		S	200	PE	110x	5m4	2	A	
N	200	HZ	80x	5m0	3			N	200	GK	119x	5m6	3	B	
N	203	KV	120x	5m5	3	a		M	228	GI	124x	4m8	3	B	DSF

Ru	**142**	IV 1 p	18 32.5	-11 41	Sct	4.0		295

S	200	PE	110x	5m5	4	F									

NGC	**6649**	II 2 m	18 33 30.0	-10 24 00	Sct	6.0	8.9	295

R	90	MM	59x	6m0	2			N	114	DB	36x	5m5	5	G t	
S	200	PE	78x	5m4	4	C		S	200	MS	200x	5m5	2		
N	200	TJ	46x	5m0	3	a		N	200	JL	92x	6m0	3	a	
N	200	GK	91x	5m8	3	C		N	203	KV	200x	5m5	2	a	
M	228	GI	182x	4m8	4-5	I t		S	250	FB	96x	5m6	2	a	
S	280	FD	200x	6m3	4	F		N	400	CF	141x	5m0	2	B	

Ru	**143**	IV 1 m	18 33.0	-11 48	Sct	5.0		295

S	200	PE	110x	5m5	4	F									

Ru	**144**	IV 1 p	18 33.8	-10 30	Sct	5.0		295

S	200	PE	200x	5m5	3	G									

Kem	**2**	*Grp	18 35 35.0	+72 23 56	Dra	20		30

N	320	PI	45x	6m3	2										

NGC	**6664**	III 2 m	18 36 42.0	-08 13 00	Sct	16.0	7.8	295

R	60	RH	21x		4			R	90	MM	59x	6m0	2-3		
N	114	DB	36x	5m0	3	C		M	150	PI	83x	5m5	3	B	
S	200	PE	78x	5m5	2	A		S	200	DK	67x	5m0	3	B	
N	200	TJ	46x	5m0	3	a		N	200	JL	60x	6m0	3	a	
N	200	GK	119x	5m6	3	B		N	203	KV	75x	5m5	3	a	
M	228	GI	124x	4m8	3	E u		S	250	FB	96x	5m6	2	B	
N	254	JM	42x	4m3	3	B		N	400	CF	68x	5m0	1-2	A	

IC	**4756**	III 2 m	18 39 00.0	+05 27 00	Ser	52	4.6	205

A	8	CF	1x	6m4	3-4	n		B	30	KH	8x	5m5	2	B	
B	50	FB	15x	5m7	2	E		B	50	PA	10x	5m3	4	F	
B	50	CF	10x	5m6	2-3	B		R	80	DS	16x	5m2	2-3	A	
R	90	SG	38x	6m5	1-2	a		R	90	MM	59x	5m5	1		
N	114	DK	25x	4m8	1	A		R	120	CF	23x	6m3	1-2	E	
S	127	JM	42x	4m5	2-3	E		M	150	PI	30x	5m5	1	E	
S	200	HM	48x	4m8	3	E		N	200	GK	25x	5m6	3	A	
N	203	KV	30x	6m0	3	a		M	228	GI	78x	4m8	1	B	DSF
N	318	DS	42x	5m0	3-4	X									

Tr	**34**	IV 2 m	18 39.8	-08 29	Sct	7.0	8.6	295

S	200	PE	78x	5m5	3	B		N	200	JL		5m5	4	a	
N	200	GK	119x	5m6	4	C									

Do	**32**	II 2 m	18 40.4	-04 06	Sct	12.0		250

N	203	KV	200x	6m0	4	a									

NGC	**6682**	NF	18 41 36.0	-04 46 00	Sct	18		250

S	200	DK	145x	4m9	2-3	A									

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6683**	I 2 p n	18 42 12.0	-06 17 00	Sct	11.0	9.4	295

N	140	RH	50x	6m0	2-3			S	200	PE	110x	5m5	2	B	
S	200	DK	118x	5m0	3	B		N	200	TJ	46x	5m0	3	a	
N	200	DP	36x	6m9	3	a		S	250	FB	96x	5m6	3	F	
N	317	TJ	62x	5m0	4	a									

Tr	**35**	I 2 m	18 42.9	-04 08	Scu	9.0	9.2	250

S	200	PE	110x	5m5	3	B		S	200	DK	145x	5m5	3	B	
N	200	JL	92x	6m0	3	a		N	203	KV	200x	6m0	2-3	a	

Be	**79**	II 1 r	18 45.2	-01 12	Aql	10.0		250

S	200	PE	78x	5m7	4	E									

M	**26**	I 1 m	18 45.2	-09 24	Sct	15.0	8.0	295

B	30	KH	8x	5m8	3-4	n		R	50	KV	90x		2	a	
B	50	KH	10x	6m0	2	n		B	50	PA	10x	4m9	3	n	
B	50	PE	10x	5m5	3	n		R	60	RH	21x		2-3		
R	63	KV	34x	4m5	2-3	n		B	63	MS	9x	5m0	3		
B	70	MC	25x	5m8	2	a		R	72	MS	80x	5m0	2		
B	80	PA	15x	5m3	3	n		B	80	PI	20x	3m5	5		
R	90	SG	56x	6m9	2-3	a		R	90	MM	59x	6m0	1-2	a	
N	105	JM	74x	5m0	4-5	t		N	114	DB	36x	5m0	2	B	
S	125	FB	50x	5m1	2	B		M	150	PI	83x	5m5	3	D	
S	200	DK	67x	4m7	2	B		M	228	GI	148x	4m7	2	a	
S	250	FB	96x	5m6	2	B		N	320	PI	144x	6m0	1		

Cz	**38**	II 3 R	18 47.2	+04 52	Ser	14.0		250

N	203	KV	75x	6m5	7										

Bas	**3**		18 48 12	-05 51 00	Sct	5.0	8.9	295

N	200	GK	91x	5m6	4	H									

Bas	**1**	IV 1 p	18 48.2	-05 51	Scu	9.0	8.9	250

N	114	DB	36x	5m0	3-4	E		S	200	PE	70x	5m5	3	C	
S	200	DK	145x	5m5	2	C		N	200	KV	120x	6m0	3	a	
N	200	JL	92x	6m0	4	a		N	200	DP	36x	6m9	4	a	
N	200	GK	57x	5m6	4	C		M	228	GI	78x	5m3	5	Ctu	
N	317	TJ	53x	5m5	4	a		N	400	DP	82x	6m0	3	C	

NGC	**6704**	I 3 m	18 50 54.0	-05 12 00	Sct	6.0	9.2	250

R	60	RH	21x		4			R	90	MM	59x	5m5	3		
S	200	PE	78x	5m5	3	G		S	200	DK	67x	4m7	3	C	
N	200	TJ	46x	5m0	3	a		N	200	KV	75x	5m0	1	a	
N	200	JL	184x	6m0	3-4	a		N	200	GK	91x	5m6	4	C	
M	228	GI	124x	4m5	3-4	G		S	250	FB	96x	5m6	3	G	
N	318	DS	102x	5m0	4	X t									

Ru	**145**	III 1 m	18 50.5	-18 05	Sgr	35.0		340

S	200	PE	78x	5m5	2	B									

NGC	**6709**	III 2 m	18 51 30.0	+10 21 00	Aql	13.0	6.7	205

B	30	KH	8x	5m9	3	n		B	50	CF	10x	5m6	3	a	
B	63	MS	9x	5m0	4			R	72	MS	40x	5m0	3		
R	90	MM	59x	5m5	2	a		N	114	DK	56x	4m7	2	B	
N	200	TJ	46x	5m0	3	a		N	200	GK	170x	5m8	2	A	
M	228	GI	148x	4m8	2	B		S	250	FB	96x	5m6	2	B	
N	254	JM	42x	4m3	3	B		N	400	CF	68x	6m2	2	B	

M	**11**	I 2 r	18 51.1	-06 16	Sct	14.0	5.8	295

R	24	RH	8x		3			B	30	KH	8x	5m8	3	n	
R	50	KV	90x	6m5	1-2	a		B	50	GG	7x	6m0	5	D	
B	50	KH	10x	6m0	1	n		B	50	FB	15x	5m7	2	n	
B	50	PA	10x	4m9	2	n		R	60	RH	21x		2-3		
B	63	MS	9x	5m0	1			R	63	KV	84x	5m5	1	a	
B	70	GI	16x	5m3	3	X		B	70	MC	25x	5m2	1		
R	72	MS	80x	5m0	1	a		B	80	PA	15x	5m3	2	n	
R	80	DS	40x	5m0	2-3	D		B	80	PI	20x	3m5	2		
R	90	SG	83x	6m9	1	a		R	90	MM	59x	6m0	1	a	
N	105	JM	74x	5m0	2-3	B		N	114	DK	111x	4m9	1	D u	
N	114	DB	36x	5m0	1	D		S	125	FB	50x	5m1	1	D	
N	150	WK	45x	5m0	1			R	150	DS	80x	5m6	1	E	
N	200	GK	228x	5m6	2	D		S	200	MC	133x	5m4	1	D	
S	200	HM	48x	4m	1	a		S	200	HM	154x	4m	2		
S	203	PK	60x		1	D		M	228	GI	78x	5m3	1	A	
S	250	FB	96x	5m6	1	C		N	318	DS	102x	5m3	1	D	
N	320	PI	144x	6m0	1										

Cr	**394**	IV 2 m	18 53.5	-20 23	Sgr	22.0	6.3	340

N	114	DB	36x	5m5	4	H		N	200	GK	57x	5m8	4	F	
N	400	CF	68x	4m5	3	C									

Ste	**1**	III 3 p	18 53.5	+36 55	Lyr	20.0	3.8	117

B	30	KH	8x	5m5	4	H		N	76	KH	56x	5m7	4	C	
M	102	HM	53x	4m0	3	u		N	114	DK	33x	5m3	2	C k	
N	114	DB	41x	5m5	2	E		N	150	GK	42x	5m5	6	H	
N	200	JL	92x	6m5	5	a		N	203	KV	30x	6m5	3-4	a	
M	228	GI	78x	5m3	5	C		S	250	FB	96x	5m6	3-4	E	

NGC	**6716**	IV 1 p	18 54 36.0	-19 53 00	Sgr	7.0	7.5	341

N	114	DB	36x	5m5	3	D		S	125	FB	50x	5m9	4	C	
N	200	DP	36x	4m0	4	a		N	200	GK	57x	5m6	4	F	
S	280	FD	140x	6m1	4	C		N	400	CF	141x	4m5	3	C u	

NGC	**6738**	IV 2 p	19 01 24.0	+11 36 00	Aql	15.0	8.3	206

B	30	KH	8x	5m9	4-5	n		S	200	PE	70x	5m5	2	C u	
S	200	DK	67x	4m8	3	C		N	200	JL	92x	6m5	4-5	a	
N	200	GK	57x	5m8	2	B		N	203	KV	75x	6m0	4-5	a	
S	250	FB	96x	5m6	3	C		N	368	RV	80x	4m6	3	C	
N	400	CF	68x	6m2	3	C									

NGC	**6755**	IV 2 m	19 07 48.0	+04 14 00	Aql	15.0	7.5	251

B	50	KH	10x	6m1	3-4	n		B	63	MS	9x	5m0	5		
R	72	MS	30x	5m0	6			R	90	MM	59x	5m5	3-4		
S	200	PE	110x	5m5	2	A		S	200	JL	64x	5m0	4	a	
S	200	DK	145x	4m6	3	B		N	200	KV	75x	5m0	3	a	
S	200	HM	47x	5m1	3	C		N	200	GK	57x	5m8	3	B	
M	228	GI	124x	5m1	2	D u	DSF	S	250	FB	96x	5m6	3	B	
N	254	JM	181x	5m3	3-4	B		N	320	PI	144x	5m0	3	t	

NGC	**6756**	I 2 m	19 08 42.0	+04 41 00	Aql	4.0	10.6	251

R	90	MM	59x	5m5	4-5			S	200	PE	110x	5m5	3	G u	
S	200	JL	100x	5m0	3			S	200	DK	227x	5m0	3	G t	
N	200	KV	75x	5m0	1	a		S	200	HM	47x	5m1	3	C	
N	200	GK	119x	5m6	4	I t		M	228	GI	182x	5m4	5	X t	
N	368	RV	230x	5m0	3	G									

NGC	**6774**		19 16 36.0	-16 16 00	Sgr	25.0		296

N	114	DB	42x	5m0	3	E		S	125	FB	31x	5m9	3	B	
S	200	PE	49x	5m0	3	B u		N	317	TJ	62x	4m5	3	a	

NGC	**6791**	II 3 r	19 20 42.0	+37 51 00	Lyr	16.0	9.5	118

N	114	DK	56x	5m3	4	a		N	114	DB	42x	5m5	3	B	
S	200	PE	70x	5m5	3	B t		S	200	MC	50x	5m6	3-4	t	
N	200	KV	75x	5m5	2	a		N	200	DP	36x	5m0	4	a	
M	228	GI	78x	5m0	5	n	DSF	S	250	FB	78x	5m9	5	F u	
N	300	UN	50x	5m2	4			N	317	WK	75x	6m0	4	t	

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6793	IV 2 p	19 23 12.0	+22 11 00	Vul	6.0		161

N	114	DK	56x	5m0	3	C		N	140	RH	100x	5m7	3-4			
S	200	PE	70x	5m5	3	B										

K	25	II 2m :b	19 24.8	+13 42	Aql	5.0		206								
M	228	GI	148x	5m1	6	DSF										

Cr	399	III 3 m	19 25.4	+20 11	Vul	60.0	3.6	161								
A	6	KH	1x	5m5	3	n		A	7	RH	1x	5m7	3			
A	7	KV	1x	7m0	1			A	7	TJ	1x	6m0	4			
R	24	DK	5x	5m0	2	C u		B	30	KH	8x	5m5	2	C		
B	32	HM	8x	4m9	1			B	50	TJ	7x	5m0	2			
B	50	WD	7x	5m0	1	u		R	50	MC	8x	5m2	1	X		
B	50	FB	15x	5m6	1	u		R	50	JM	8x	5m0	2	B		
B	63	AV	9x	5m0	1			R	90	SG	38x	6m9	1			
N	110	CW	20x	5m0	1	u		N	140	RH	28x	5m7	1			
N	200	GK	25x	5m6	2	B										

NGC	6800	III 2 p	19 27 12.0	+25 08 00	Vul			162								
N	114	DK	56x	5m0	2	B		M	127	JM	50x	5m1	3	E		
N	140	RH	100x	5m9	1			N	150	GK	53x	5m5	3	E		
M	150	PI	50x	5m	2	C		S	200	PE	78x	5m5	2	E		
N	200	TJ	45x	5m0	3	a		N	200	KV	30x	6m0	3	a		
M	228	GI	124x	4m8	2	C u		S	250	FB	96x	5m6	3	E		
N	317	TJ	62x	5m0	3	a		N	318	DS	61x	5m3	5	F		
N	368	RV	80x	4m8	3	E										

K	26	II 1p :b	19 29.4	+14 52	Aql	1.0		207								
M	228	GI	258x	5m0	5	X n										

NGC	6802	III 1 m	19 30 36.0	+20 16 00	Vul	3.0	8.8	162								
R	63	KV	34x	5m0	4-5	n		R	90	SG	38x	6m3	5	n		
N	114	DK	33x	5m0	3	n		N	140	RH	100x	5m7	3			
S	200	PE	110x	5m5	4	G t		S	200	MC	200x	5m3	3	t		
S	200	DK	227x	5m5	3	C t		N	200	JL	92x	6m0	3-4	a		
N	200	GK	228x	5m6	4	G t		N	203	KV	200x	6m0	1	a		
M	228	GI	124x	4m8	5	I		S	250	FB	96x	5m6	4	a		
N	254	JM	14x	5m0	5	H		N	317	TJ	89x	5m5	3	a		

St	1	IV 2 p	19 35.8	+25 13	Vul	60.0	5.3	162								
B	30	KH	8x	5m7	4	C		R	42	KV	75x	6m0	5	a		
B	50	PE	10x	4m5	3	B		B	50	JL	16x	5m0	3-4	a		
B	80	TJ	15x	6m3	5	a		N	114	DK	25x	4m5	2	C u		
M	127	JM	50x	5m0	3	B		N	140	RH	28x	5m9	2			
S	250	FB	63x	5m4	3	B										

NGC	6811	IV 3 p	19 38 12.0	+46 34 00	Cyg	13.0	6.8	84								
B	30	KH	8x	5m7	5	n		B	30	KH	8x	5m7	4	C		
R	63	KV	53x	5m0	3	a		B	80	PI	20x	6m	2	E		
M	100	MC	50x	5m4	2-3	B		N	114	DK	83x	4m5	2	B		
S	127	JM	98x	4m5	3-4	B		N	140	RH	100x	5m9	1			
N	150	GK	53x	5m5	3	B u		M	150	PI	83x	6m	2	E		
S	200	PE	70x	4m5	2	E		N	200	DP	36x	5m0	2	a		
S	200	DK	67x	5m2	1	A		N	200	GK	57x	5m8	2	E		
M	228	GI	124x	4m7	3	B u		S	250	FB	39x	5m9	2	E		
N	300	UN	50x	5m0	2	E		N	318	DS	61x	5m6	3	E		

Cr	401	IV 2 m	19 38.4	+00 20	Aql	1.0	7.0	252								
S	200	PE	200x	5m7	4	a		N	200	GK	228x	5m8	6	X		

NGC	6815	*Grp	19 40 42.0	+26 48 00	Vul			162								
M	127	JM	115x	5m0	3-4	C		S	200	PE	70x	5m5	3	C		
S	200	DK	50x	5m0	3	B		N	317	TJ	62x	5m0	3			
N	368	RV	80x	5m2	3			N	368	RV	80x	4m8	3	E		

NGC	6819	I 1 r	19 41 18.0	+40 11 00	Cyg	5.0	7.3	84								
B	50	KH	10x	5m7	5			R	63	KV	84x	4m5	1	a		
M	127	JM	115x	5m0	3	E		N	150	GK	53x	5m5	3	B		
M	150	PI	150x	5m5	2	E u		S	200	PE	70x	4m5	3	D		
S	200	MC	500x	5m6	2	D		S	200	DK	148x	5m0	1-2	A u		
N	200	TJ			3	a		N	200	JL	160x	5m0	2-3	a		
N	200	DP	36x	5m0	3	a		N	200	GK	91x	5m8	3	E		
M	228	GI	148x	4m7	3	G u		S	250	FB	202x	5m9	2	G		

Cz	40	II 2 m	19 42 38.4	+21 09 15	Vul	4		162								
N	320	PI	83x	5m3	3											

NGC	6823	I 3 p	19 43 06.0	+23 18 00	Vul	12.0	7.1	162								
R	90	MM	40x	5m0	4			M	127	JM	115x	5m0	3	C		
N	140	RH	100x	5m7	1			S	200	PE	70x	5m0	3	B		
S	200	DK	148x	5m0	2	C u		N	200	KV	120x	5m5	3	a		
N	200	DP	75x	6m0	4	a		N	200	GK	91x	5m6	3	C		
M	228	GI	258x	4m8	4	C		S	250	FB	96x	5m6	3	C		
S	280	FD	59x	5m8	3	B		N	317	WK	93x	5m3	3			
N	318	DS	61x	5m4	4-5	C		N	320	PI	144x	6m0	2			
N	368	RV	80x	5m2	2											

Ro	1	IV 1 p	19 45.0	+17 31	Sge	3.0		162								
N	114	DK	56x	5m0	4	X		S	200	PE	70x	4m5	3	C u		
N	320	PI	80x	6m0	2											

NGC	6827		19 48.9	+21 13	Vul	2.0		162								
N	140	RH	100x		3			S	200	PE	200x	5m5	4	t		

NGC	6830	II 2 p	19 51 00.0	+23 04 00	Vul	12.0	7.9	162								
R	63	KV	34x	5m0	3	n		R	90	MM	40x	5m0	3	a		
N	114	DK	83x	5m0	2	B		M	127	JM	115x	5m0	3	C		
N	140	RH	100x	5m4	1-2			N	140	RH	100x	5m4	3			
N	150	GK	85x	5m5	3	E		N	200	DP	75x	6m0	3	a		
N	200	GK	119x	5m6	3	C		S	200	PE	70x	5m0	3	B		
N	200	GK	91x	5m8	3	C		M	228	GI	124x	4m8	3	C		
S	250	FB	96x	5m5	3	C		S	280	FD	88x	5m8	3	D		
N	318	DS	61x	5m4	3-4	C		N	320	PI	144x	6m0	2			
N	368	RV	230x	4m8	3	C										

NGC	6834	II 2 m	19 52 12.0	+29 25 00	Cyg	5.0	7.8	119								
A	7	PI	1x	6m3	3			N	150	MB	80x	5m5	3	E		
S	200	PE	110x	5m5	3	B u		S	200	MC	50x	5m7	3	C		
S	200	MC	133x	5m3	2-3	B		S	200	DK	67x	5m3	2	B		
N	200	JL	92x	6m5	3	a		N	200	HZ	60x	6m0	3			
N	200	GK	119x	5m6	4	B		M	228	GI	258x	5m0	5	I t		
S	250	FB	96x	5m9	2	B		N	254	JM	40x	5m0	3-4	B t		
N	368	RV	230x	5m0	2-3											

H	20	IV 2 p	19 53.1	+18 20	Sge	7.0	7.7	162								
B	30	KH	8x	5m7	4	n		B	60	DK	20x	5m0	2-3	n		
N	76	KH	56x	5m7	4	C		R	90	MM	59x	5m5	2			
R	102	DS	33x	5m5	3	n		S	200	PE	70x	5m0	3	C		
S	200	DK	148x	5m0	4	C		N	200	GK	57x	5m6	4	C		
M	228	GI	148x	4m5	4	C		S	250	FB	96x	5m6	3	C		
N	400	CF	68x	6m2	3	H										

NGC	6837	IV 1 p	19 53.5	+11 41	Aql	3.0		207								
S	200	PE	78x	5m5	5	H										

NGC	6840		19 55.3	+12 08	Aql			207								
S	200	PE	78x	5m5	4	F										

NGC	6843		19 56.1	+12 10	Aql			207								
S	200	PE	78x	5m5	4	F										

Ro	3	IV 1p :b	19 59.6	+20 29	Sge			162								
N	114	DK	56x	5m0	3	C										

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Do	**36**	IV 1 p	20 02.5	+42 06	Cyg	14.0		84

N	114	DK	33x	4m8	3	F		S	200	PE	70x	4m5	3	E	
N	254	RV	70x	5m0	3	F									

NGC	**6866**	II 2 m	20 03 42.0	+44 00 00	Cyg	7.0	7.6	84							
R	63	KV	84x	5m0	2	a		N	114	DK	111x	5m0	2	B	
S	127	JM	98x	4m5	3	B		N	150	GK	53x	5m5	3	B u	
M	150	PI	83x	5m5	3	B		S	200	PE	70x	4m5	3	D	
S	200	DK	145x	5m0	2	B		N	200	KV	75x	5m0	2	a	
N	200	JL	60x	5m0	3-4	a		N	200	DP	36x	5m0	3	a	
N	200	GK	57x	5m8	2	B		M	228	GI	148x	4m8	2	B u	
S	250	FB	96x	5m9	3	B		N	317	TJ	62x	5m0	2	a	
N	318	DS	76x	5m6	3	E									

Ro	**4**	II 3 mn	20 04.9	+29 13	Vul	5.0	10.0	119							
A	7	PI	1x	6m3	3	n		N	140	RH	100x	5m9	3-4		
S	200	PE	78x	5m7	4	H									

NGC	**6871**	IV 3 p n	20 05 54.0	+35 47 00	Cyg	20.0	5.2	119							
B	30	KH	8x	5m7	4	C		B	50	FB	15x	5m7	2	C	
R	53	JL	40x	5m3	5	a		B	60	DK	20x	4m0	2	C u	
R	60	DK	39x	4m0	2	C u		R	63	KV	34x	5m0	4	a	
R	90	MM	40x	5m0	2			N	114	DK	25x	4m5	4	C	
N	114	DB	36x	5m0	3	E		S	127	JM	42x	4m5	2-3	A	
N	140	RH	28x	6m3	1			S	200	JL	64x	5m0	3	a	
N	200	GK	91x	5m8	2	B		S	200	PE	70x	5m0	1	B u	
N	200	GK	33x	5m8	3	F		M	228	GI	124x	4m8	1	B	
S	250	FB	39x	5m9	3	B		N	300	UN	50x	5m0	4	B	
N	317	TJ	62x	6m0	2-3	a		N	320	PI	80x	6m0	3		

DoDz	**10**	IV 1 p	20 05.7	+40 32	Cyg	20.0		84							
S	200	PE	110x	5m5	3	E u		S	200	DK	50x	5m0	3	C	
N	203	KV	75x	6m5	3	a		N	254	RV	70x	5m0	3	H	

Bas	**6**	IV 1 mn	20 06.8	+38 21	Cyg	14.0	7.7	84							
N	114	DB	42x	5m5	3	X		M	127	JM	115x	5m5	3-4		
N	150	GK	54x	6m5	4	E		S	200	PE	70x	5m5	3	E	
S	250	FB	96x	5m9	3	C		N	254	RV	140x	4m8	3	u	
N	317	TJ	89x	6m5	3-4	a		N	320	PI	26x	6m0	2	E	

Bi	**1**	III 2 p	20 07.5	+35 41	Cyg	15.0		119							
N	114	DK	33x	5m0	4	C		N	114	DB	36x	5m0	3	D	
N	200	GK	33x	5m8	4	F		S	200	PE	70x	5m0	3	C	
S	250	FB	96x	5m9	3	C		N	320	PI	80x	6m0	3		
N	368	RV	230x	4m8	2	B									

Bi	**2**	III 2 p	20 09.2	+35 29	Cyg	13.0	6.3	119							
N	114	DK	25x	5m0	4	C		N	114	DB	36x	5m0	3	B	
N	200	GK	33x	5m8	4	F		S	200	PE	70x	5m0	3	C	
S	250	FB	96x	5m9	3	C		N	368	RV	230x	4m8	2	B	

IC	**1311**	II 3 r n	20 10 18.0	+41 13 00	Cyg	9.0	13.1	84							
S	200	DK	148x	5m0	4-5	n		N	203	KV	200x	6m5	7		
S	250	FB	96x	5m9	3/4	C		N	318	DS	61x	5m5	5	F	

Ro	**5**	IV 2 pn	20 10.0	+33 46	Cyg	45.0		119							
B	30	KH	8x	5m7	3	C		R	53	JL	10x	5m3	4	a	
N	114	DK	25x	4m5	3	B		N	114	DB	36x	5m0	4	F	
S	200	PE	70x	4m5	2	B									

Be	**50**	II 1 p	20 10.4	+34 46	Cyg	4.0		119							
N	114	DB	36x	5m0	3	G		N	200	GK	33x	5m8	5	H	

NGC	**6883**	I 3 p n	20 11 18.0	+35 51 00	Cyg	15.0	8.0	119							
R	90	MM	40x	5m0	3-4			N	114	DK	56x	4m5	3	C	
N	114	DB	36x	5m0	3	C		S	127	JM	42x	4m5	3	H	
S	200	PE	70x	5m0	3	C		N	200	KV	75x	6m0	3-4	a	
N	200	GK	33x	5m8	5	H		N	200	GK	57x	5m8	4	F	
S	250	FB	96x	5m9	4	C		N	368	RV	80x	4m8	3		
N	400	CF	68x	6m1	4	B									

NGC	**6882**	*Grp	20 11 54.0	+26 40 20	Vul	18		163							
A	7	PI	1x	6m3	3			R	63	KV	34x	5m0	3	a	
N	114	DK	56x	4m5	2	C		S	127	JM	42x	4m5	3	B	
N	140	RH	28x	5m9	2			N	150	MB	48x	5m5	4	C	
S	200	DK	67x	4m8	2	B		M	228	GI	124x	4m8	1	B u	
S	250	FB	96x	5m6	3	B		N	368	RV	80x	4m8	3	B	

Ru	**172**	20 11.6	+35 36	Cyg	119										
N	200	GK	33x	5m8	6	H									

NGC	**6885**	III 2 p	20 12 00.0	+26 29 00	Vul	7.0	5.7	119							
A	7	PI	1x	6m3	3			B	30	KH	8x	5m7	3	C	
R	63	KV	34x	5m0	2	a		N	105	JM	73x	5m3	2	B	
N	140	RH	50x	5m9	1			S	200	PE	70x	4m5	2	B u	
S	200	DK	227x	4m8	4	C		N	200	GK	57x	5m6	2	B	
M	228	GI	124x	4m8	1	B u									

Do	**3**	III 2 m	20 15.7	+36 47	Cyg	15.0		119							
N	114	DK	56x	5m0	4	F		N	114	DB	36x	5m0	3	C	
S	200	PE	78x	5m7	2	B		N	200	JL	38x	6m5	5	a	

IC	**4996**	I 3 p n	20 16 30.0	+37 38 00	Cyg	6.0	7.3	119							
R	90	MM	40x	5m0	3-4			N	114	DK	56x	5m0	4	n	
N	114	DB	72x	5m5	3	I		N	140	RH		6m0	1		
M	150	PI	50x	5m0	6	F		S	200	PE	70x	4m5	3	D	
S	200	DK	227x	5m3	2	C		N	200	KV	200x	6m0	1	a	
N	200	JL	62x	6m0	5	a		N	200	GK	170x	5m8	4	G	
S	250	FB	96x	5m9	3	C		N	254	JM	254x	5m8	3		
N	320	PI	36x	6m0	5-6	G									

Do	**39**	IV 2 mn	20 16.4	+37 52	Cyg	12.0		119							
N	114	DK	56x	5m0	3	E		N	114	DB	42x	5m5	3	X	
S	200	PE	70x	4m5	4	F									

vdB	**130**	II 2 pn	20 17.7	+39 19	Cyg	6.0	9.3	119							
N	114	DB	42x	5m5	3			N	150	GK	53x	5m5	6	H	
S	200	PE	70x	5m5	4	I		S	200	DK	148x	5m0	4	C	
N	200	GK	57x	5m6	6	H									

Cr	**419**	IV 2 p	20 18.1	+40 43	Cyg	4.5	5.4	84							
N	114	DK	111x	5m0	4	X		N	150	GK	54x	6m5	5	F	
N	200	GK	119x	5m8	5	I		S	200	PE	78x	5m7	3	C	
N	200	GK	119x	5m8	4	F		S	250	FB	96x	5m9	4	F	

Do	**40**	III 2 p	20 18.2	+37 50	Cyg	12.0		119							
N	114	DK	56x	5m0	3	F		N	114	DB	42x	5m5	3	X	
S	200	PE	70x	4m5	4	F		N	200	JL	92x	6m5	5	a	

Do	**41**	IV 1 p	20 19.3	+37 44	Cyg	11.0		119							
N	114	DK	56x	5m0	4	C		N	114	DB	42x	5m5	4	H	
S	200	PE	70x	4m5	3	F		N	200	JL	92x	6m5	5	a	

Do	**42**	IV 2 p	20 19.7	+38 08	Cyg	11.0		120							
N	114	DK	56x	5m0	3	C		N	114	DB	42x	5m5	3	G	
S	200	PE	70x	5m5	5	H		S	200	PE	70x	4m5	3	C	
N	200	JL	92x	6m5	5-6	a		N	320	PI	144x	6m0	3		

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Be	**86**	I 3 p n	20 20.4	+38 42	Cyg	8.0	7.9	85

N	114	DK	83x	5m0	3	C	N	114	DB	42x	5m5	3	C
N	150	GK	53x	5m5	5	F	S	200	PE	70x	5m5	4	F
N	200	JL	60x	6m5	5	a	S	250	FB	96x	5m9	4	C
N	254	RV	70x	5m0	3	H							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Do	**5**	III 3mn	20 20.8	+39 17	Cyg	6.0		84

N	114	DK	33x	5m2	4	C u	N	320	PI	80x	6m0	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Do	**43**	IV 2 p	20 21.0	+39 57	Cyg	20.0		84

N	114	DK	56x	5m0	4-5	C	N	114	DB	42x	5m5	4	F
S	200	PE	70x	4m5	4	F							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Do	**6**	IV 2pn	20 21.0	+41 23	Cyg	10.0		84

N	114	DK	56x	5m0	3-4	C

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Be	**87**	IV 2 p	20 21.7	+37 22	Cyg	12.0		120

N	114	DK	56x	5m0	3	C	N	114	DB	42x	5m5	3	E
S	200	PE	70x	4m5	4	F	N	200	JL	92x	6m5	4-5	a

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6910**	I 2 p n	20 23 06.0	+40 47 00	Cyg	8.0	7.4	84

B	30	KH	8x	5m7	5-6	n	B	30	KH	8x	5m7	3	t
B	50	TJ	7x	6m5	1	n	R	63	KV	120x	5m0	2	a
N	114	DK	83x	4m0	2	C u	N	114	DB	42x	4m5	3	D u
S	127	JM	181x	4m5	3	B	N	140	RH	100x		2	
N	150	GK	112x	5m5	3	C	S	200	PE	70x	5m5	2	B
N	200	HZ	200x	6m2	3		N	200	GK	119x	5m8	2	C
M	228	GI	148x	4m8	2	B u	S	250	FB	96x	5m9	2	C
N	300	UN	50x	5m0	3	C	N	318	DS	76x	5m5	3-4	C

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6913**	OCL	20 23 54.0	+38 32 00	Cyg	7.00	6.6	120

N	200	GK	57x	5m8	3	C

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Cr	**421**	III 1 p	20 23.3	+41 42	Cyg	5.0	10.1	85

N	114	DK	83x	4m7	3	C	N	150	GK	54x	6m5	5	F
S	200	PE	70x	5m5	3	B	N	200	TJ		6m0	3	
N	200	JL	60x	5m0	4-5	a	N	200	GK	57x	5m8	3	C
S	250	FB	96x	5m9	3	C							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**29**	III 3 p	20 23.9	+38 32	Cyg	7.0	6.6	120

B	30	KH	8x	5m6	3	n	B	50	CF	10x	5m6	3	C
B	50	FB	15x	5m6	2	C	B	50	DK	7x	4m5	1	n
B	50	PA	10x	4m9	3	C	R	60	PA	28x	5m2	3	C
B	60	DK	20x	4m5	2	C	B	63	MS	9x	5m0	1	
B	70	GI	16x	3m7	3	C	R	90	SG	38x	6m3	1	a
M	100	MC	38x	5m4	2	C	R	102	WD	31x	5m3	5	
R	102	DS	40x	5m5	6	F	N	105	JM	14x	5m0	2	
N	114	RS	90x	6m0	1-2	a	N	114	DB	42x	5m5	2	A
S	125	FB	50x	5m1	2	C	N	140	RH	100x		1	
M	150	PI	50x	5m0	5	C	N	200	GK	57x	5m8	3	C
S	200	HM	48x	4m8	3	B u	M	228	GI	78x	3m7	5	H
S	250	FB	96x	5m9	2	C	N	300	UN	50x	5m0	3	F

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Do	**8**	I 2pn	20 24.8	+42 16	Cyg	5.0		85

S	200	DK	67x	5m0	4	C

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Do	**9**	IV 2pn	20 26.0	+41 56	Cyg	7.0		85

N	114	DK	56x	5m0	2	C	S	200	PE	78x	5m5	4	C

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Do	**10**	IV 2 p	20 26.3	+40 07	Cyg	16.0		85

N	114	DK	56x	5m0	6	H	S	200	PE	70x	4m5	2	E

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Do	**11**	IV 3 pn	20 26.5	+41 27	Cyg	7.0		85

N	114	DK	56x	5m0	3-4	C	S	200	PE	78x	5m5	4	C

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Ro	**6**	4 3 p	20 28.8	+39 23.0	Cyg			85

N	200	GK	33x	5m6	4	A							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Do	**44**	IV 2 p	20 29.7	+41 43	Cyg	12.0		119

N	114	DK	56x	5m3	3	C	S	200	PE	78x	5m5	4	C
N	200	JL	60x	6m0	4-5	a							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6939**	I 1 m	20 31 24.0	+60 38 00	Cep	8.0	7.8	32

B	30	KH	8x	5m9	5-6		B	50	KH	10x	5m9	3	
B	60	DK	20x	5m0	3	n	B	70	TJ	10x		3-4	n
B	80	PP	22x	6m5	2	n	R	80	HZ	17x	6m5	3	
R	80	GW	38x	5m	3	n	R	80	DP	16x	5m0	4-5	n
M	100	MC	38x	5m4	3-4	n	N	114	RS	22x	6m0	3-4	n
N	140	RH	100x	6m3	3		S	200	MC	100x	5m6	3	D
N	200	KV	120x	5m0	1	a	S	200	JL	64x	6m0	2	a
M	228	GI	148x	5m1	3	G t	S	250	FB	96x	5m8	3	E
S	250	FB	96x	5m4	3	C	N	317	WK	75x	5m5	2	
N	318	DS	76x	5m5	3	D	N	320	PI	144x	6m0	1	E
N	430	AS	108x	6m0	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6940**	III 2 m	20 34 36.0	+28 18 00	Vul	31.0	6.3	120

B	30	KH	8x	5m8	3	B	B	50	KH	10x	5m5	2	n
R	63	KV	34x	5m0	4-5	a	R	90	SG	38x	6m3	1-2	a
M	100	MC	25x	5m0	2	E	M	100	MC	25x	5m0	2-3	E
R	102	DS	40x	5m5	3	E	N	114	DK	56x	5m0	1	A
R	120	CF	47x	6m4	1-2	A	S	127	JM	98x	4m5	2-3	A
N	150	MB	48x	5m5	2	A	S	200	PE	70x	4m5	1	A
M	228	GI	78x	4m7	2	A	S	250	FB	96x	5m6	1	A
N	254	RV	70x	4m8	1-2		N	300	UN	50x	4m9	1	a

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Ru	**173**	III 3 p	20 41.8	+35 33	Cyg	50.0		120

A	8	CF	1x	6m4	3-4	n	B	30	KH	8x	5m7	1	B
R	50	JL	8x	6m0	4	a	B	50	CF	10x	6m4	2	B
B	50	FB	8x	5m6	2	C	R	50	JM	8x	5m0	2	B t
N	114	DK	25x	4m5	2	C	R	120	CF	23x	6m4	2-3	B
N	200	JL	38x	6m0	5	a							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Do	**47**	III 2 p	20 42.2	+36 39	Cyg			120

N	114	DK	56x	5m0	3-4	C

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Ru	**175**	III 2 p	20 45.2	+35 30	Cyg	9.0		120

B	50	CF	10x	6m4	3-4	C	N	114	DK	56x	5m0	4-5	C
R	120	CF	47x	6m4	3	B	S	200	DK	67x	5m0	4	C
N	200	JL	92x	6m0	3-4	a	N	200	DP	39x	6m9	4	a

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
DoDz	**11**	IV 1 p	20 51.0	+35 57	Cyg	13.0		120

B	50	CF	10x	6m4	4	C	R	120	CF	47x	6m4	3	C
S	200	PE	78x	5m5	3		S	200	DK	50x	5m0	3	C
N	200	JL	92x	6m0	3-4	a	S	250	FB	96x	5m9	3	C

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Bar	**1**	III 2 m	20 53.7	+46 02	Cyg	20.0		85

N	114	DK	56x	4m7	3	F	N	140	RH	50x		2	
S	200	PE	78x	5m5	2	A	S	200	DK	50x	5m0	2	B
S	250	FB	96x	5m2	3	B	N	320	PI	45x	5m7	2	A
N	400	CF	68x	6m4	2	B							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6996**	III 2 pn	20 56 30.0	+44 38 00	Cyg		10.0	85

N	140	RH	50x		3		N	150	GK	85x	6m5	3	B
S	200	PE	78x	5m5	3	B	S	200	DK	148x	5m0	3	B
N	200	KV	48x	5m5	3	a	N	200	GK	91x	5m8	4	C
S	250	FB	63x	5m6	3	B	N	254	JM	42x	5m3	2-3	B

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6997**		20 56 30.0	+44 38 00	Cyg	6	10.0	85

N	114	DK	56x	4m7	3	B	N	150	WK	45x	5m8	3	
N	150	GK	85x	6m5	3	B	S	200	PE	78x	5m5	2	E
N	200	HZ	40x	6m2	3		N	200	GK	91x	5m8	4	C
S	203	PK	60x		2	E u	S	250	FB	63x	5m6	2	B
N	318	DS	61x	6m0	3-4	E	N	320	PI	144x	6m0	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6991**		20 56 36.0	+47 25 00	Cyg	5.0		85

N	140	RH	100x		3		S	200	PE	78x	5m5	3	C
S	200	DK	67x	4m8	3	C	N	200	JL	162x	5m5	5	a
S	250	FB	96x	5m2	3	C	N	400	CF	68x	6m4	3	F

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Be	**53**	II 3 p	20 56.6	+51 02	Cyg	12.0		56

N	150	GK	53x	5m5	4	X u	S	200	PE	78x	5m7	4	F
N	200	KV	48x	6m5	4-5	a	N	200	GK	44x	5m6	4	F

NGC	**6994**	OCL	20 59 00.0	-12 38 00	Aqr	2.80	8.9	299

N	200	GK	170x	5m8	5	F									

M	**73**	IV 1 p	20 59.0	-12 38	Aqr	2.8	8.9	299

B	50	PE	10x	5m4	5	p	B	50	RS	10x	6m8	5	n
B	50	KH	10x	5m	3-4	n	R	60	DK	39x	4m7	4	X
R	72	MS	40x	5m0	3		B	80	KH	20x	5m	2	H
R	90	SG	56x	6m3	2	n	R	102	DS	50x	4m5	5	H
N	114	RS	90x	6m0	3	a	M	150	PI	83x	5m5	5	X
S	200	HM	154x	3m9	2	a	M	228	GI	258x	4m7	5	H
S	250	FB	258x	5m0	3	H	N	254	JM	181x	5m3	5	H
N	317	TJ	62x	4m5	2	a	N	320	PI	80x	6m7	3	
N	320	PI	144x	6m3	2								

NGC	**7023**	21 00 30.0	+68 10 00	Cep	10	7.1	33

N	150	GK	112x	6m1	7		N	254	RV	70x	4m8	7			

NGC	**7005**	*Grp	21 01 57.0	-12 52 50	Aqr	299

S	200	PE	78x	5m5	4	H									

Cr	**428**	IV 1 pn	21 03.2	+44 35	Cyg	13.0	8.7	85

N	114	DK	56x	5m3	3	B	N	140	RH	100x		3			
S	200	PE	78x	5m5	3	F	S	200	DK	67x	4m8	2	B		
N	200	GK	57x	5m6	4	F	S	250	FB	63x	5m6	3	B		
N	254	JM	98x	5m3	3	E									

NGC	**7024**	*Grp	21 06 10.0	+41 29 40	Cyg	5	85

N	320	PI	144x	6m5	2										

NGC	**7031**	IV 1 p	21 07 18.0	+50 50 00	Cyg	5.0	9.1	56

N	150	GK	85x	5m5	4	C	S	200	PE	78x	5m7	3	E
S	200	DK	145x	5m0	2	C	N	200	JL	60x	5m0	3-4	a
N	200	GK	91x	5m8	4	F	S	250	FB	167x	5m9	3	C
N	317	TJ	182x	6m3	3-4	a	N	400	CF	68x	6m0	3	C

Do	**45**	III 2 m	21 09.0	+37 36	Cyg	18.0	121

S	200	PE	78x	5m7	3	E	S	200	DK	145x	5m0	5-6	C

NGC	**7039**	III 2 p	21 11 12.0	+45 39 00	Cyg	25.0	7.6	85

N	140	RH	50x		1		N	150	GK	85x	5m5	3	C
S	200	JL	64x	5m0	4	a	S	200	DK	67x	4m8	2	A
N	200	DP	36x	5m0	3	a	N	200	GK	91x	5m8	3	A
S	250	FB	63x	5m6	3	A/B	N	254	JM	98x	5m3	2-3	A
N	320	PI	45x	5m7	2	D u	N	368	RV	80x	5m2	1-2	
N	400	CF	68x	6m2	2	E							

IC	**1369**	I 1 m	21 12 06.0	+47 44 00	Cyg	4.0	8.8	86

A	7	PI	1x	6m3	3		N	140	RH	100x		3			
N	150	GK	187x	5m5	4	G	S	200	PE	78x	5m7	4	B		
S	200	DK	167x	4m8	3	B	N	200	KV	200x	5m0	2	a		
N	200	GK	170x	5m6	3	a	S	250	FB	125x	5m5	2	B		
N	320	PI	144x	6m0	2		N	368	RV	230x	5m2	3			
N	400	CF	141x	6m4	2-3	F									

NGC	**7044**	II 2 r	21 12 54.0	+42 29 00	Cyg	3.5	12.0	85

N	140	RH	100x		2		S	200	PE	200x	5m3	4	a
S	200	JL	100x	5m0	4	a	S	200	DK	167x	4m8	4	n
N	200	KV	75x	5m5	2	a	S	203	PK	60x		4	n
M	228	GI	182x	4m7	5	I t	N	317	WK	170x	6m2	3	a
N	317	TJ	230x	6m0	4	a	N	318	DS	153x	6m0	4	n
N	320	PI	144x	6m5	2								

Bas	**15**	21 15.9	+48 51	Cyg	6	86

N	320	PI	43x	5m8	3										

Be	**55**	III 1 m	21 16 57.4	+51 45 26	Cyg	5		56

N	320	PI	144x	5m8	5										

Be	**56**	II 1 m	21 17 35.9	+41 49 07	Cyg	7		86

N	320	PI	144x	6m5	4										

NGC	**7055**	*Grp	21 19 30.0	+57 35 45	Cep			56

S	200	PE	110x	5m5	4	I									

Bas	**14**	II 3 p n	21 21 12.6	+44 48 14	Cyg	12		86

A	7	PI	1x	6m3	3	t									

NGC	**7062**	III 1 p	21 23 12.0	+46 23 00	Cyg	7.0	8.3	86

S	200	PE	110x	5m3	2	B	S	200	JL	128x	5m0	2	a
S	200	DK	167x	4m8	2	B	N	200	KV	120x	5m0	2	a
N	200	GK	228x	5m8	3	B	S	203	PK	60x		2	a
M	228	GI	148x	4m7	3	G u	N	318	DS	102x	6m0	5	C
N	400	CF	141x	6m2	2-3	B							

NGC	**7067**	II 2 p	21 24 12.0	+48 01 00	Cyg	3.0	9.7	86

A	7	PI	1x	6m3	3		S	200	PE	200x	5m5	4	I
S	200	JL	100x	5m0	4		S	200	DK	167x	4m8	4	C
N	200	GK	91x	5m6	5	H	N	400	CF	240x	6m4	3-4	C

NGC	**7063**	III 2 p	21 24 24.0	+36 30 00	Cyg	8.0	7.0	121

M	102	JM	35x	4m5	4	C	M	102	JM	35x	4m5	4	C
S	200	PE	78x	5m7	2	E	S	200	DK	67x	5m0	2	C
N	200	GK	91x	5m6	4	C	N	320	PI	45x	6m3	2	

NGC	**7082**	IV 2 p	21 29 24.0	+47 05 00	Cyg	25.0	7.2	86

A	7	PI	1x	6m3	3		B	50	JL	16x	4m7	3-4	n
S	200	PE	110x	5m3	2	C	S	200	JL	64x	5m0	4	a
S	200	DK	67x	4m8	3	B	N	200	GK	33x	5m6	2	A
S	203	PK	60x		2	B	M	228	GI	124x	4m8	2	B u
S	250	FB	63x	5m1	3	B	N	318	DS	61x	6m0	3	B
N	320	PI	36x	5m7	3	B	N	320	PI	55x	6m0	3	

NGC	**7086**	II 2 m	21 30 30.0	+51 35 00	Cyg	9.0	8.4	57

N	150	GK	85x	6m5	3	B t	S	200	PE	78x	5m3	2	B
S	200	MC	100x	5m6	2-3	B	S	200	DK	67x	5m0	2	A
N	200	KV	120x	5m0	4	a	N	200	GK	119x	5m8	3	A
M	228	GI	148x	4m8	2	B	S	250	FB	63x	5m1	2-3	C
N	317	TJ	53x	6m0	3		N	320	PI	72x	6m3	1	

M	**39**	III 2 p	21 32.2	+48 26	Cyg	32.0	4.6	86

A	7	PI	1x	6m3	4		A	7	KV	1x	7m0	3	n
A	8	CF	1x	6m4	3-4	n	B	21	RH	8x		2-3	
B	30	KH	8x	5m5	2	C	R	50	JM	8x	5m0	3	A
B	50	PI	10x	6m3	2	a	B	50	FB	15x	5m7	2	C
B	50	PA	10x	4m9	2	B u	B	50	CF	10x	6m4	1-2	B
B	50	JL	16x	4m7	1-2	a	R	60	PA	14x	5m2	2	B
B	60	DK	20x	4m0	1	C	B	63	MS	9x	5m0	1	
R	63	KV	34x	5m0	3	a	B	70	GI	16x	3m7	3	C
R	75	AT	14x	5m3	2		R	90	MM	40x	5m5	2	a
R	102	DS	40x	5m5	3-4	C u	N	112	CF	36x	5m3	2	B
S	125	FB	50x	5m1	2	B	N	140	RH	28x	6m3	1	
M	150	PI	50x	5m5	1	B	N	200	GK	33x	5m6	2	C
M	228	GI	78x	3m7	3	C	S	250	FB	39x	5m9	2	B
N	317	TJ	62x	6m0	1	a							

IC	**1396**	II 3 mn	21 39 06.0	+57 30 00	Cep	50	3.5	57

A	8	CF	1x	6m4	3	a	B	30	KH	8x	5m9	3	C
B	50	KH	10x	5m9	3-4	C	B	50	CF	10x	6m4	2	B
R	60	PA	14x	5m3	4	H	M	100	MC	25x	5m2	2	B
N	112	CF	36x	6m2	2	B	N	114	DK	25x	5m5	3	B
N	150	WK	45x	5m0	3	B	S	200	PE	78x	5m3	2	B
M	228	GI	78x	4m7	4	B							

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7129	IV 2 p	21 41 18.0	+66 06 00	Cep	2.7	11.5	33

B	80	PI	20x	6m5	4	F	N	150	GK	112x	6m0	5	H	
S	200	PE	110x	5m5	2	C	S	200	JL	64x	6m0	3	a	
N	200	KV	75x	5m5	3	a	M	228	GI	148x	4m9	4	C t	
S	250	FB	96x	5m4	3	a	N	250	SB	139x	6m5	2	s	
N	317	WK	93x	6m0	3	a	N	317	TJ	53x	6m5	4	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7127	IV 2 p	21 43 54.0	+54 37 00	Cyg	2.8		57

N	114	DK	83x	4m8	3	I t	N	140	RH	100x	5m4	3		
N	150	WK	45x	5m0	3	C	N	150	GK	85x	6m5	4	C	
S	200	PE	78x	5m5	2	C	N	203	KV	200x	6m5	1	a	
S	250	FB	96x	5m7	2	C	N	254	RV	140x	5m0	2		
N	317	WK	93x	6m0	3	a								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7128	II 3 m	21 44 00.0	+53 43 00	Cyg	3.0	9.7	57

N	114	DK	83x	4m8	3	I t	N	140	RH	100x	5m4	2-3		
N	150	WK	45x	5m0	3	C	N	150	GK	160x	6m5	4	I	
S	200	PE	78x	5m5	2	C	N	200	JL	92x	6m0	3	a	
N	200	GK	91x	5m8	4	C	N	203	KV	200x	6m5	1	a	
M	228	GI	124x	4m7	4-5	I t	N	254	RV	140x	5m0	2		
N	317	WK	93x	6m0	3	a	N	317	TJ	230x	6m5	4	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7142	II 2 r	21 45 54.0	+65 48 00	Cep	4.0	9.3	33

N	114	DK	56x	4m7	4	n	R	120	RS	102x	5m5	2	a	
N	150	GK	112x	5m9	4	E	S	200	PE	110x	5m5	4	E	
S	200	JL	64x	6m0	3	a	N	200	KV	75x	5m5	2	a	
M	228	GI	148x	5m3	3	G t	S	250	FB	96x	5m7	3	E	
N	254	RV	140x	5m2	3-4	D	N	317	WK	93x	6m0	3	a	
N	317	TJ	53x	6m5	3	a	N	320	PI	72x	6m3	1		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7160	II 3 p	21 53 42.0	+62 36 00	Cep	7.0	6.1	33

B	30	KH	8x	5m7	3	n	N	114	DK	83x	4m7	2	C u	
S	200	JL	100x	6m0	3	a	N	200	DP	36x	5m0	3	a	
N	200	GK	91x	5m8	3	C	M	228	GI	148x	5m0	3	C	
S	250	FB	96x	5m7	3	C	N	400	CF	143x	6m4	2	B	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7209	III 1 p	22 05 12.0	+46 30 00	Lac	25.0	7.7	87

B	30	KH	8x	6m1	2	n	B	50	CF	10x	6m4	2	B t	
R	60	PA	28x	5m4	3	a	R	63	KV	34x	5m0	4	a	
R	75	AT	14x	5m3	2		M	100	MC	38x	5m4	3	B	
R	102	DS	40x	5m5	4	C	N	114	DK	56x	5m0	2	B	
N	200	GK	57x	5m8	2	A	N	203	KV	30x	6m5	2-3	a	
M	228	GI	78x	4m9	3	A u	S	250	FB	96x	5m4	2	C	
N	254	RV	70x	5m3	3		N	254	JM	40x	5m0	3	C t	
N	320	PI	80x	6m3	2									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7226	I 1 p	22 10 30.0	+55 25 00	Cep	2.0	9.6	57

N	150	GK	160x	6m5	6	H t	S	200	PE	200x	5m3	5	a	
N	200	KV	200x	6m5	1-2	a	N	200	JL	60x	6m5	5	a	
N	200	GK	228x	5m8	7	I	S	250	FB	167x	5m7	5	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	1434	II 1 p	22 10 30.0	+52 50 00	Lac	7.0	9.0	57

N	150	GK	160x	6m5	4	A t	S	200	PE	78x	5m5	4	F	
N	200	GK	91x	5m6	5	H								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7235	III 2 p	22 12 36.0	+57 17 00	Cep	4.0	7.7	57

M	100	MC	50x	5m2	3-4	C t	N	112	CF	90x	6m2	3	C	
N	114	DK	111x	4m9	3	C	N	140	RH	100x		2		
S	200	PE	78x	5m3	3	B	N	200	JL	60x	6m5	3-4	a	
N	200	GK	170x	5m6	4	F	N	200	GK	119x	5m8	3	C	
N	203	KV	200x	6m5	1-2	a	M	228	GI	258x	4m7	4	Etu	
S	250	FB	96x	5m7	3	C	S	280	FD	93x	5m6	3	k	
N	317	TJ	62x	5m0	3	a								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7243	IV 2 p	22 15 18.0	+49 53 00	Lac	21.0	6.4	87

B	30	KH	8x	6m1	2	t	B	50	CF	10x	6m4	2	B	
R	60	PA	28x	5m4	4	a	R	63	KV	34x	5m0	3	a	
R	75	AT	14x	5m3	2		M	100	MC	25x	5m4	2-3	C	
R	102	DS	40x	5m5	4	C	N	114	DK	25x	5m0	3	C	
N	150	WK	45x	5m0	2	B	N	200	GK	57x	5m8	3	A	
M	228	GI	78x	4m9	3	A u	S	250	FB	63x	4m2	2	A	
N	254	JM	40x	5m0	2-3	a	N	254	RV	70x	5m2	3	F	
S	280	FD	59x	5m6	2	A	N	320	PI	48x	6m3	2		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7245	II 1 p	22 15 18.0	+54 20 00	Lac	5.0	9.2	57

S	200	PE	78x	5m5	5	n	N	200	KV	75x	4m5	4-5	n	
N	200	JL	160x	6m5	5	a	N	200	GK	57x	5m8	3	B	
N	203	KV	200x	6m5	3-4	a	M	228	GI	148x	4m7	3	C t	
M	228	GI	124x	4m6	5	I t	S	250	FB	96x	4m2	4	a	
S	250	FB	202x	5m4	4	a								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
K	9	I 3 m	22 15.5	+54 24	Lac	2.5		57

M	228	GI	148x	4m6	5	C t								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	1442	II 2 m	22 16 30.0	+54 03 00	Lac	3.5	9.1	57

S	200	PE	78x	5m5	4	C	N	200	GK	57x	5m8	3	B	
M	228	GI	124x	4m6	5	I t								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7261	III 1 p	22 20 24.0	+58 05 00	Cep	6.0	8.4	57

M	100	MC	50x	5m2	4	C t	N	114	DK	83x	4m9	3	C t	
N	140	RH	50x		3		S	200	PE	78x	5m3	3	B	
N	200	JL	60x	6m5	4	a	N	200	GK	57x	5m8	3	C	
N	203	KV	200x	6m5	3	a	M	228	GI	78x	5m0	3	C	
S	250	FB	96x	5m7	3	C	S	280	FD	93x	5m6	3	k	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Be	94	I 1 p	22 22.7	+55 51	Cep	4.0	8.7	57

N	150	WK	100x	5m0	3	C	N	200	GK	91x	5m8	3	F	
S	200	PE	200x	5m5	3	C	N	200	JL	160x	6m5	4-5	a	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7281	IV 2 p	22 24 42.0	+57 50 00	Cep	12.0		57

M	100	MC	25x	5m2	5	u	N	114	DK	56x	4m9	4	C	
S	200	PE	78x	5m3	4	C	N	200	JL	60x	6m5	4-5	a	
N	203	KV	200x	6m5	3	a	M	228	GI	124x	5m0	3	C	
S	280	FD	93x	5m6	4	k	N	320	PI	80x	5m5	3	C	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7295	*Grp	22 27 52.0	+52 49 00	Lac			57

N	200	GK	170x	5m8	5	I								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7296	III 2 p	22 28 12.0	+52 17 00	Lac	4.0	9.7	57

M	100	MC	50x	5m4	3-4	X t	N	150	WK	45x	5m0	3	C	
N	150	GK	85x	6m5	4	C	S	200	PE	110x	5m0	4	F	
S	200	DK	118x	5m0	2-3	C	N	200	GK	91x	5m6	3	B	
S	203	PK	60x		3		N	203	KV	200x	6m5	2	a	
M	228	GI	148x	5m1	4	I t	S	250	FB	96x	5m4	3	C	
S	250	FB	96x	4m2	3	F	N	400	CF	68x	6m0	3	F	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7380	III 3 pn	22 47 00.0	+58 06 00	Cep	12.0	7.2	58

B	30	KH	8x	5m9	3-4	t	M	100	MC	50x	5m3	3	C	
N	114	DK	56x	4m9	2	C	N	140	RH	50x		2		
S	200	PE	78x	5m7	3	E	N	200	KV	120x	5m5	2	a	
N	200	KV	120x	5m0	3	a	N	200	JL	60x	6m0	3-4	a	
N	200	GK	57x	5m6	2	A	M	228	GI	78x	4m9	3	B u	
S	250	FB	96x	5m7	3	B	N	317	WK	75x	5m5	3	a	
N	317	TJ	62x	5m5	3	a	N	320	PI	72x	6m3	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
K	18	II 2 p	22 52.1	+58 17	Cep	4.0		58

S	200	PE	78x	5m7	4	C	M	228	GI	124x	5m0	5	I t	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7419	II 3 r	22 54 18.0	+60 50 00	Cep	2.0	13.0	34

M	100	MC	67x	5m3	7		N	140	RH	100x		4		
S	200	PE	200x	5m7	4	t	N	200	KV	200x	6m5	1-2	a	
N	200	JL	160x	5m0	4-5	a	N	320	PI	430x	6m7	4		

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
K	10	III 3 m	22 54.9	+59 10	Cep	3.0		58

S	200	PE	78x	5m7	4	t	N	200	JL	160x	6m0	4	a
M	228	GI	78x	4m7	3	C	M	228	GI	124x	5m0	5	I t

NGC	7423		22 55 18.0	+57 08 00	Cep	5.0	15.0	58

M	100	MC	100x	5m3	7		S	200	PE	200x	5m7	4	t

NGC	7429	III 2 p	22 55 54.0	+59 59 00	Cep	14.0		58

M	100	MC	67x	5m3	5	u	S	200	PE	78x	5m7	3	C
N	200	KV	75x	6m0	3	a	N	200	JL	160x	6m0	4-5	a
S	250	FB	202x	5m4	4	a	N	320	PI	144x	6m7	3	

K	19	II 2 m	23 08.3	+60 31	Cep	7.0	9.2	34

S	200	PE	110x	5m0	5	H	S	200	DK	77x	4m8	3	C
N	200	JL	160x	6m0	4	a	N	200	GK	91x	5m6	4	F
M	228	GI	258x	4m7	3	C	N	317	TJ	182x	6m1	4	a
N	320	PI	144x	6m7	3								

NGC	7510	II 2 m n	23 11 30.0	+60 34 00	Cep	4.0	7.9	58

M	100	MC	100x	5m3	3	G	N	105	JM	63x	3m6	3-4	a
N	114	DK	111x	5m0	2	G	R	120	RS	170x	5m0	1	a
N	140	RH	100x		1		M	150	PI	150x	4m5	4	G
N	200	JL	160x	6m0	2-3	a	N	200	DP	180x	6m0	4	a
S	200	PE	110x	5m7	2	B	S	200	DK	145x	4m8	1	A u
S	200	MC	133x	5m6	2	D t	N	200	GK	91x	5m6	2	B
S	200	PE	110x	5m0	2	B	M	228	GI	148x	5m4	2	B u
S	250	FB	167x	5m4	2	B	S	250	FB	96x	5m7	2	C
N	317	TJ	182x	6m1	2		N	320	PI	144x	5m7	2	

Mrk	50		23 15.3	+60 28	Cep	5.0	8.5	58

S	200	PE	110x	5m7	3	C	S	200	DK	145x	4m8	1	C
N	200	JL	160x	5m0	3-4	a	S	250	FB	167x	5m2	2	C

M	52	I 2 r	23 24.2	+61 35	Cas	13.0	6.9	58

B	30	KH	8x	6m1	2	n	B	50	PA	10x	5m5	2	n
B	50	FB	15x	5m7	2	n	B	56	PP	8x	6m5	1	n
R	60	PA	28x	5m6	2	D	R	63	KV	34x	6m0	1	a
R	80	GW	38x	5m	1	D	B	80	PP	22x	6m5	1	a
R	90	SG	56x	6m3	1	a	M	100	MC	67x	5m3	2	D
N	105	JM	63x	3m6	3-4	D	N	110	CW	96x	5m2	2	E
N	114	RS	22x	5m5	1	a	N	114	DB	36x	6m0	2	A
N	114	DK	56x	5m0	1	A	S	125	FB	50x	5m1	1	D
R	130	BF	56x	6m9	1	D	N	140	RH	100x		1	
M	150	PI	50x	4m5	1	E	S	200	MC	133x	6m0	1	D
S	200	HM	95x	4m7	3	E	N	200	GK	119x	5m6	1	A
N	200	TJ	45x	6m0	2	a	M	228	GI	148x	4m7	2	A
S	250	FB	96x	5m6	1	D							

Cz	43	III 1 p	23 25.8	+61 19	Cas	13.0		58

N	114	DK	56x	4m9	4	B	N	114	DB	36x	6m0	5	n
S	200	PE	78x	5m5	2	E	N	200	JL	60x	5m5	3-4	a
N	200	GK	91x	5m6	4	F	N	400	CF	143x	6m4	3	B

NGC	7686	IV 1 p	23 30 12.0	+49 08 00	And	15.0	5.6	88

B	30	KH	8x	5m7	4	H	N	114	DK	56x	5m0	4	C
S	200	PE	78x	5m0	3	C	S	200	JL	100x	5m0	4	
N	200	DP	75x	4m0	4	a	N	200	GK	57x	5m8	2	B
M	228	GI	124x	4m8	2	C u	S	250	FB	96x	5m8	3	C
N	320	PI	144x	6m8	3								

Be	101	III 2 p	23 32 46.7	+64 12 18	Cep	2		15

N	320	PI	144x	6m3	7								

St	11	IV 2 p	23 32.9	+55 29	Cas	10.0		35

N	320	PI	45x	5m7	3								

Cz	44	II 2 p	23 33 39.3	+61 57 01	Cas	4		15

N	320	PI	144x	6m3	7								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
K	20	II 2 p	23 33.3	+58 31	Cas	4.0		35

M	228	GI	148x	4m6	5	B							

St	12	IV 2 p	23 37.2	+52 26	Cas	20.0		37

N	320	PI	45x	5m7	2								

Be	102	II 1 p	23 38.7	+56 39	Cas	5.0		35

N	200	GK	119x	5m6	5	H	N	250	SB	150x	5m3	7	

Be	103	□II 1 p	23 45 14.0	□+59 17 5	Cas	2		35

N	320	PI	72x	6m3	3								

St	17	I 3 p	23 45 59.3	+62 13 00	Cas	1		15

N	320	PI	72x	6m3	3								

K	11	I 2 m	23 47.8	+68 38	Cep	3.5		15

M	228	GI	78x	5m1	7								

NGC	7762	II 2 p	23 49 48.0	+68 02 00	Cep	11.0	10.0	15

N	150	GK	85x	5m5	5	H	S	200	PE	110x	5m5	4	I t
S	200	DK	77x	5m0	3	B	N	200	KV	120x	5m0	4	a
N	200	JL	60x	5m0	3-4	a	M	228	GI	124x	5m1	4	I t
N	254	JM	181x	5m0	2-3	B	N	317	WK	75x	6m0	3	B

K	21	I 2 p	23 49.9	+62 43	Cas	2.5		15

S	200	PE	78x	5m2	4	I	M	228	GI	148x	5m1	5	I t
N	317	KV	120x	5m0	1	a							

NGC	7772	III 1 p	23 51 48.0	+16 15 00	Peg	5.0		125

M	150	PI	50x	4m5	4	n	S	200	PE	78x	5m7	3	I
S	200	DK	145x	5m0	3	C u	N	317	TJ	89x	5m6	3	a

K	12	I 2 p	23 53.0	+61 58	Cas	2.0		15

N	112	CF	90x	6m2	3	C	N	140	RH	100x	6m1	3	
N	150	GK	160x	6m3	5	A	S	200	PE	78x	5m2	3	C
S	200	DK	227x	4m8	2	C	N	200	KV	120x	5m0	2	a
N	200	JL	60x	5m5	4-5	a	N	200	GK	91x	5m6	4	C
M	228	GI	124x	5m1	5	I t	S	250	FB	167x	5m2	2	C
N	317	TJ	89x	5m0	3	a							

H	21	IV 2 p	23 54.1	+61 46	Cas	4.0	9.0p	15

N	112	CF	120x	6m2	4	F	N	114	DK	83x	4m8	5	H
N	140	RH	100x	6m1	2		N	150	GK	112x	6m3	5	F
S	200	PE	78x	5m2	4	E	S	200	DK	145x	4m8	4	H
N	200	KV	120x	5m0	3	a	N	200	JL	60x	6m5	5	
N	200	GK	119x	5m6	5	H	N	317	TJ	89x	5m0	3	a

NGC	7788	I 2 p	23 56 42.0	+61 24 00	Cas	9.0	9.4	15

B	63	MS	9x	5m0	4		R	72	MS	40x	5m0	3	
B	100	JM	25x	5m0	3	C	N	112	CF	53x	6m2	2-3	B
N	140	RH	100x	6m1	2-3		N	150	GK	160x	6m3	4	G
N	200	JL	160x	6m5	4	a	N	200	KV	170x	5m0	1	a
N	200	GK	57x	5m6	3	C	S	200	DK	167x	4m8	2	C
S	200	PE	70x	5m0	3	G	S	203	PK	110x		2	G
M	228	GI	124x	5m0	4	C t	M	228	GI	148x	5m4	3	C
S	250	FB	96x	5m4	3	C	N	317	TJ	62x	5m0	2	a
N	320	PI	144x	5m7	3	B							

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran	Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran

NGC 7789 II 1 r 23 57 00.0 +56 44 00 Cas 16.0 6.7 58

B	24	PI	8x	6m3	2		B	30	KH	8x	6m3	3	n		
B	50	TJ	7x	6m0	3	n	B	50	FB	15x	5m6	2	n		
B	50	PI	10x	6m3	1		B	50	PI	10x	5m5	2			
B	60	DK	20x	4m8	3	n	R	63	KV	34x	6m0	1	a		
B	63	MS	9x	5m0	4		R	72	MS	40x	5m0	3			
R	80	GW	38x	5m	1	D	B	80	WD	15x	4m8	2			
B	80	PP	22x	6m5	1	a	B	80	PI	20x	6m3	1	t		
R	90	TJ	50x	6m0	3		N	114	DK	56x	5m0	2	E t		
N	140	RH	100x		1		M	150	PI	50x	5m	4	E		
S	200	MC	50x	5m8	2	D	S	200	HM	48x	4m6	3	E		
S	200	HL	50x		1	F	N	200	GK	119x	5m6	1	A		
M	228	GI	78x	4m5	1	D	S	250	FB	96x	5m5	1	D		
N	254	JM	40x	4m3	3-4	G	N	318	DS	102x	5m2	2-3	D		
N	320	PI	50x	6m3	1		N	320	PI	80x	5m5	1	E		

Fr 1 23 57.4 +61 38 Cas 9.2 15

N	112	CF	120x	6m2	4	I	N	150	GK	160x	6m3	6	H		
S	200	PE	78x	5m2	4	I	S	200	DK	145x	4m8	4	H		
N	200	KV	120x	5m0	3	a	N	200	JL	160x	6m5	5	a		
N	200	GK	119x	5m6	4	H	N	317	TJ	89x	5m0	3	a		

NGC 7790 III 2 p 23 58 24.0 +61 13 00 Cas 17.0 8.5 15

B	63	MS	9x	5m0	6		R	72	MS	40x	5m0	4			
B	100	JM	25x	5m0	4	B	N	112	CF	90x	6m2	3	B t		
N	114	DK	83x	4m8	3	B t	N	140	RH	100x	6m1	2			
N	150	GK	160x	6m1	3	B	N	200	KV	75x	5m0	2	a		
N	200	JL	160x	6m5	3-4	a	N	200	DP	36x	5m0	3	a		
N	200	GK	119x	5m6	3	B	S	200	DK	145x	4m8	2	B		
S	200	HM	48x	4m6	3	a	S	200	PE	70x	5m0	2	A		
S	203	PK	110x		2-3	a	M	228	GI	148x	5m4	3	B		
S	250	FB	96x	5m5	3	B	N	317	TJ	62x	5m0	2	a		
N	320	PI	80x	5m7	2	D									

NGC 7802 L 00 01 00.5 +06 14 28 Psc 1.10 14.6 170

N	317	WK	170x	5m8	4-5										

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7803**	Sb	00 01 20.0	+13 06 39	Peg	0.9	14.1	170

N	317	WK	170x	6m0	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7810**	L	00 02 19.1	+12 58 16	Peg	1.0	14.1	170

N	317	WK	170x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**5379**	S	00 02 40.8	+16 35 58	Peg	2.10	15.9	170

N	317	WK	170x	6m2	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**143**	IB	00 02.0	-15 27	Cet	11.5	10.6	260

N	250	SB	139x	6m6	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**5381**	P	00 03 11.1	+15 57 53	Peg	0.80	14.9	170

N	317	WK	170x	6m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7814**	Sa-b	00 03 14.8	+16 08 41	Peg	6.3	11.6	170

N	200	KV	120x	5m0	3
N	200	GK	119x	5m6	3
M	228	GI	78x	5m4	3
N	250	SB	100x	5m3	2
C	300	MW	190x	5m8	2-3
N	317	TJ	89x	5m5	3
N	200	HZ	40x	6m2	3
S	200	MC	77x	5m4	3
S	250	FB	167x	5m8	3
N	254	RV	140x	5m0	3
N	314	WK	170x	5m8	2-3
N	368	RV	230x	5m3	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7816**	Sb-c	00 03 49.0	+07 28 40	Psc	1.70	13.7	170

N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7817**	Sb-c	00 03 58.5	+20 45 00	Peg	3.7	12.6	125

N	200	HZ	100x	6m2	3
N	254	RV	140x	5m0	3-4
N	317	WK	170x	6m0	3
S	200	PE	78x	5m5	4
C	300	MW	190x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**6**	P	00 03.2	+21 58	Peg	1.0	14.0	125

N	317	WK	312x	5m5	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7818**	Sc	00 04 09.0	+07 22 43	Psc	1.00	14.8	170

N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7824**	Sa-b	00 05 06.2	+06 55 12	Psc	1.60	14.3	170

N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7821**	S	00 05 16.5	-16 28 37	Cet	1.4	14.0	260

N	317	WK	170x	6m3	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**50**	Sa-b	00 06.7	+26 10	Peg	1.0	14.9	125

N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1**	Sb	00 07 15.9	+27 42 30	Peg	1.9	13.6	89

N	200	KV	75x	5m0	4-5
N	317	WK	312x	5m8	3-4
N	400	DP	227x	5m5	4
N	200	HZ	120x	6m2	4-5
N	317	TJ	89x	5m5	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2**	Sa	00 07 17.1	+27 40 41	Peg	1.0	15.0	89

N	200	KV	75x	5m0	4-5
N	400	DP	227x	5m5	4
N	317	WK	312x	5m8	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7831**	Sb	00 07 19.3	+32 36 31	And	1.7	13.6	89

N	317	WK	170x	5m4	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5**	C	00 07 48.8	+35 21 44	And	1.20	14.8	89

N	317	WK	170x	5m5	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7836**	I	00 08 01.6	+33 04 15	And	0.90	13.7	89

N	317	WK	170x	5m5	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**14**	I/P	00 08 46.3	+15 48 55	Peg	3.0	12.8	170

N	200	HZ	100x	6m0	5
N	400	CF	141x	6m4	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**13**	Sa	00 08 47.7	+33 25 57	And	2.3	14.1	89

N	400	DP	225x	6m0	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**9**	Sb/P	00 08 54.5	+23 49 02	Peg	1.10	14.5	125

N	317	WK	170x	5m8	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**68**	SB	00 08.2	+27 01	Peg	1.0	14.4	89

N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**16**	E3	00 09 04.2	+27 43 46	Peg	2.1	13.0	125

R	80	DS	73x	5m5	7
R	150	DS	120x	5m5	3-4
S	200	PE	78x	5m7	4
M	228	GI	78x	4m8	7
N	317	WK	170x	5m8	3
N	318	DS	102x	5m7	3
N	400	CF	141x	6m2	2-3
N	150	WK	100x	6m0	4
N	200	KV	120x	5m0	3
S	203	PK	110x		4
N	254	RV	140x	5m0	3-4
N	317	TJ	89x	5m5	3
N	400	DP	227x	5m5	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**20**	L	00 09 32.6	+33 18 30	And	1.7	14.1	89

N	317	WK	170x	5m5	4
N	400	DP	225x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**22**	Sb	00 09 48.2	+27 49 56	Peg	1.6	14.6	89

N	200	HZ	120x	6m2	5
N	400	CF	141x	6m4	3-4
N	400	DP	227x	5m5	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**23**	Sb/P	00 09 53.3	+25 55 24	Peg	2.3	12.8	125

R	80	DS	73x	5m5	7	
R	150	DS	120x	5m5	3-4	
N	203	KV	200x	6m5	3-4	s
N	254	RV	140x	5m0	3-4	
N	318	DS	153x	5m7	3-4	
N	150	WK	100x	6m0	4	
N	200	HZ	120x	6m2	4	
S	203	PK	60x		4	
N	317	WK	170x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**24**	Sc	00 09 56.1	-24 57 54	Scl	6.3	12.2	305

N	203	KV	75x	5m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**26**	SBb	00 10 25.9	+25 49 54	Peg	1.8	13.7	125

N	200	HZ	120x	6m2	5
N	317	WK	312x	6m0	5
N	203	KV	200x	6m5	5-6

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**27**	S	00 10 32.7	+28 59 47	And	1.20	14.5	89

N	317	WK	170x	5m4	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**21**	SBb-c	00 10 47.0	+33 21 05	And	1.5	13.6	89

N	317	WK	170x	5m5	4-5
N	400	DP	225x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**29**	SBb-c	00 10 47.0	+33 21 05	And	1.5	13.6	89

N	317	WK	170x	5m4	4-5
N	400	DP	225x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**105**	SB0	00 11.3	+28 55	And	1.2	15.1	89

N	317	WK	170x	5m4	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**41**	S	00 12 48.0	+22 01 24	Peg	0.9	14.6	125

N	317	WK	170x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**42**	L	00 12 56.3	+22 06 01	Peg	1.1	15.3	125

N	317	WK	170x	6m0	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**4**	S	00 13 27.0	+17 29 07	Peg	2.20	14.1	125

N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1534**	L	00 13 45.4	+48 09 05	And	0.60	14.8	59

N	317	WK	170x	5m8	4-5

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1535**	S	00 13 57.2	+48 09 25	And	0.60	15.1	59

N	317	WK	170x	5m8	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**48**	Sc/P	00 14 02.1	+48 14 04	And	1.60	14.7	59

N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**45**	Sc	00 14 04.0	-23 10 55	Cet	10.8	11.3	305

N	203	KV	48x	5m0	6

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1536**	E	00 14 18.9	+48 08 36	And	0.60	15.4	59

N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**49**	L	00 14 22.4	+48 14 48	And	1.10	15.1	59

N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**51**	L/P	00 14 34.8	+48 15 20	And	1.70	14.2	59

N	317	WK	170x	5m8	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**52**	S	00 14 40.0	+18 34 52	Peg	2.20	14.4	125

N	317	WK	170x	5m8	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**55**	SBm	00 14 54.2	-39 12 06	Scl	30.10	8.4	386

N	155	SK	37x	6m2	2	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**57**	E	00 15 30.9	+17 19 43	Psc	2.6	12.8	170

S	200	PE	78x	5m1	4
N	317	WK	170x	5m8	3
N	254	RV	140x	5m2	7

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**151**	E	00 16.2	+10 20	Psc	1.3	14.7	171

N	317	WK	170x	5m6	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**1138**		00 17 17.0	+30 12 49	And	0.5	15.3	89

N	250	SB	197x	6m6	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**63**	S/P	00 17 45.5	+11 26 58	Psc	1.9	12.7	171

S	200	PE	78x	5m1	4
N	317	WK	170x	5m6	3
N	254	RV	140x	5m2	5
N	400	DP	225x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**166**	Sc	00 17.6	+30 13	And	2.4	15.5	89

N	250	SB	197x	6m6	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**67**	E3	00 18 14.9	+30 03 46	And	0.3	15.8	90

N	317	WK	170x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**68**	L	00 18 18.2	+30 04 19	And	1.2	14.2	90

N	250	SB	197x	6m6	5
N	317	WK	170x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**70**	Sc	00 18 22.4	+30 04 42	And	1.8	14.2	90

N	250	SB	197x	6m6	5
N	317	WK	170x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**71**	L/P	00 18 23.5	+30 03 45	And	1.5	14.3	90

N	250	SB	197x	6m6	5
N	317	WK	170x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**72**	SBa-b	00 18 28.4	+30 02 24	And	1.2	14.6	90

N	250	SB	197x	6m6	4
N	317	WK	170x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**7**	E	00 18 53.0	+10 35 41	Psc	1.00	14.8	171

N	317	WK	170x	5m6	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**65**	LB M	00 18 59.6	-22 52 50	Cet	4.4	14.4	60

N	317	TJ	89x	5m6	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**76**	C	00 19 37.7	+29 56 01	And	1.3	14.0	90

N	250	SB	197x	6m6	4
N	317	WK	170x	6m0	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**10**	IB M	00 20 24.5	+59 17 31	Cas	5.1	11.8	35

N	150	GK	112x	6m5	6	
N	200	KV	48x	5m0	3	f
N	254	RV	140x	5m3	7	
N	317	WK	170x	6m0	4	
S	200	DK	145x	5m2	3-4	
N	250	SB	139x	6m5	3	s
C	300	MW	190x	5m9	4	f
N	320	PI	144x	6m3	7	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**80**	L	00 21 10.9	+22 21 26	And	2.5	13.2	126

N	200	KV	75x	5m0	3-4
N	317	WK	170x	6m0	3-4
S	200	PE	110x	5m5	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**83**	E0	00 21 22.6	+22 26 01	And	1.6	13.6	126

N	317	WK	170x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**93**	S M	00 22 03.4	+22 24 30	And	1.40	14.4	126

N	317	WK	170x	6m0	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**95**	Sc	00 22 13.6	+10 29 29	Psc	1.9	13.2	171

N	317	TJ	89x	5m6	4
N	318	DS	102x	5m1	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**97**	C	00 22 30.0	+29 44 42	And	1.5	13.4	90

N	203	KV	200x	6m5	3-4
N	317	WK	170x	6m0	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**100**	Sc	00 24 02.6	+16 29 09	Psc	5.70	13.9	171

N	317	WK	170x	5m8	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**105**	Sa-b	00 25 16.9	+12 52 59	Psc	1.2	13.9	171

N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**108**	LB	00 25 59.7	+29 12 41	And	2.3	13.1	90

N	317	WK	170x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**109**	SBa	00 26 14.6	+21 48 26	And	1.10	15.7	126

N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**112**	S	00 26 48.8	+31 42 08	And	1.00	14.5	90

N	317	WK	170x	5m5	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**1739**		00 28 16.8	+31 11 58	And	0.83	15.1	90

N	317	WK	312x	5m5	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**279**	SB	00 28.3	+30 49	And	1.8	14.3	90

N	317	WK	170x	5m5	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**1798**	C M	00 29 25.2	+30 33 28	And		14.8	90

N	317	WK	312x	5m5	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**137**	L	00 30 58.1	+10 12 29	Psc	1.30	13.8	171

N	317	WK	170x	5m8	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**144**	S	00 31 20.7	-22 38 48	Cet	0.80	14.4	306

N	320	PI	144x	6m0	2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**147**	dE4	00 33 11.7	+48 30 24	Cas	13	10.6	60

B	80	HZ	30x	6m5	5
N	114	DK	56x	5m0	4
N	150	GK	53x	6m5	5
N	200	HZ	40x	6m2	4
N	200	KV	48x	5m5	3
N	200	DP	34x	4m5	4
S	280	FD	80x	5m4	4
C	300	MW	112x	5m9	3
N	318	DS	102x	6m0	3-4
N	114	DB	36x	6m0	5
N	140	RH	100x	6m3	5-6
N	150	MB	48x		7
N	200	XY	45x	5m0	4-5
N	200	GK	91x	5m6	3
N	250	SB	66x	6m3	3
S	280	PP	87x	5m0	3
N	317	WK	75x	6m0	3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**157**	Sc	00 34 46.4	-08 23 48	Cet	4.3	11.0	261

N	200	GK	57x	5m6	3		N	200	HZ			3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**34**	SBa	00 35 36.4	+09 07 28	Psc	1.10	13.6	171

N	317	WK	170x	5m8	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
And	**3**	E?	00 35.2	+36 30	And			90

N	500	CF	147x	6m8	7								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**160**	L/P	00 36 04.1	+23 57 27	And	3.2	13.5	126

N	200	HZ	120x	6m5	4-5		N	317	WK	170x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**169**	Sa-b	00 36 51.7	+23 59 25	And	3.2	13.2	126

N	200	HZ	120x	6m5	4-5		N	317	WK	170x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**174**	SB	00 36 58.8	-29 28 42	Scl	1.40	13.8	351

N	200	HZ	120x	6m0	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**175**	SBb	00 37 21.5	-19 56 06	Cet	2.6	12.9	306

N	200	HZ			4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**180**	SBb-c	00 37 57.7	+08 38 03	Psc	2.6	13.8	171

N	317	WK	317x	6m2	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**181**	S	00 38 23.3	+29 28 22	And	0.7	15.5	90

N	317	WK	170x	6m0	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**183**	C	00 38 29.3	+29 30 40	And	3.1	13.6	90

N	317	WK	170x	6m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**184**	L	00 38 35.8	+29 26 49	And	0.7	15.6	90

N	317	WK	170x	6m0	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**190**	Sa-b	00 38 54.7	+07 03 42	Psc	1.0	14.8	171

N	317	WK	214x	6m2	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**185**	dE0	00 38 57.6	+48 20 12	Cas	12	10.3	60

B	80	HZ	30x	6m5	4		N	114	DB	36x	6m0	3	
N	114	DK	56x	5m0	3-4		N	114	RS	56x	5m5	3	
N	140	RH	50x	6m3	3		N	150	GK	53x	6m5	3	
N	150	MB	48x		5		N	200	HZ			3	
N	200	XY	45x	5m0	4		N	200	KV	48x	5m5	3	
N	200	GK	91x	5m6	3		N	200	DP	34x	4m5	4	
M	228	GI	78x	5m0	6		N	250	SB	66x	6m3	3	
S	250	FB	96x	5m2	3		N	254	JM	98x	5m0	4	
S	280	FD	80x	5m4	3		S	280	PP	117x	5m0	2	
C	300	MW	112x	5m9	3		N	317	WK	75x	6m0	3	
N	318	DS	102x	5m9	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**192**	SBa	00 39 13.5	+00 51 49	Cet	2.2	13.5	216

N	317	WK	170x	5m2	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**196**	LB	00 39 17.8	+00 54 45	Cet	1.3	14.6	216

N	317	WK	170x	5m2	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**194**	E1	00 39 18.3	+03 02 13	Psc	1.9	13.2	216

N	250	SB	150x	5m2	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**193**	LB	00 39 18.5	+03 19 50	Psc	1.7	13.4	216

N	250	SB	150x	5m2	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**200**	SBb-c	00 39 34.7	+02 53 11	Psc	1.70	13.5	216

N	250	SB	150x	5m2	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**201**	SBc	00 39 34.9	+00 51 35	Cet	2.1	13.6	216

N	317	WK	170x	5m2	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**210**	Sa-b	00 40 34.8	-13 52 23	Cet	5.4	11.6	261

S	200	PE	110x	5m5	3-4		S	280	FD	318x	6m0	3	
N	368	RV	80x	5m6	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**110**	E6p/S0	00 40.4	+41 41	And	17.4	8.0	60

B	30	KH	8x	6m1	5		R	45	CF	23x	5m5	4	
R	60	PA	14x	5m5	4		R	63	KV	34x	5m0	4	
B	70	MC	25x	5m2	3		R	72	MS	40x	5m0	3	
R	75	AT	14x	5m6	4		R	80	WD	13x	6m5	2-3	
R	80	GW	38x	5m0	2		B	80	WD	15x	4m8	3	
R	90	SG	38x	6m9	2-3		R	90	MM	40x	5m5	3-4	
R	102	DS	67x	5m7	3		N	114	DK	25x	4m4	3	
N	114	SB	20x	5m1	3		N	114	AV	50x	5m5	2	
R	120	CF	50x	5m5	2		N	140	RH	28x	6m5	3	
N	150	WK	56x	6m2	3		N	150	MS	55x	5m0	2	
S	200	MC	50x	6m0	2-3		S	200	HL	77x		3	BKF
S	200	HM	95x	4m5	4		N	200	GK	44x	5m8	1	
S	250	FB	96x	5m6	2-3		N	254	JM	40x	5m0	3	f
N	300	UN	50x	5m2	2		N	320	PI	144x	6m0	1	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**213**	SBa	00 41 09.9	+16 28 09	Psc	1.70	14.4	171

N	317	WK	170x	5m0	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**214**	Sb	00 41 28.0	+25 29 56	And	2.1	13.0	126

N	200	HZ	100x	6m5	3		N	317	WK	170x	5m5	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**219**	C	00 42 11.3	+00 54 14	Cet	0.5	15.5	216

N	317	WK	170x	5m2	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**226**	P	00 42 53.9	+32 34 47	And	0.90	14.4	90

N	317	WK	170x	6m0	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**228**	SBa	00 42 54.5	+23 30 10	And	1.20	14.7	126

N	317	WK	312x	4m8	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**31**	Sb	00 42.7	+41 16	And	178	3.5	60

A	6	JM	1x	5m0	3-4	f	A	6	PA	1x	5m5	4	f
A	7	RH	1x	6m5	2		A	7	JL	1x	5m3	4	f
A	7	KV	8x	7m0	1	f	A	8	CF	1x	5m5	3	
A	8	GG	8x	5m0	3		R	45	CF	23x	5m5	1	
B	50	PA	10x	6m1	1	s	R	50	JM	8x	4m0	1	f
B	50	FB	15x	6m5	1	s	B	50	GG	7x	6m0	1	
R	60	PA	14x	5m5	1	s	B	70	MC	25x	5m2	1	s
S	75	AT	14x	5m6	1		R	80	WD	13x	6m5	1	
R	90	SG	38x	6m9	1	s	R	102	DS	40x	5m7	1	
N	114	GG	100x	4m5	1		N	114	DK	25x	3m4	2	
N	114	DB	36x	6m0	1		N	114	SB	25x	6m0	1	
R	120	CF	50x	5m5	1	s	S	125	FB	50x	5m1	1	
N	140	RH	50x	6m5	1		N	150	WK	42x	6m2	1	s
N	200	KV	75x	5m5	1	s	N	200	GK	44x	5m8	1	
S	200	HL	50x		1		S	250	FB	63x	5m6	1	
N	300	UN	50x	5m2	1	s							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**32**	E2	00 42.7	+40 52	And	7.6	8.2	60

B	30	KH	8x	6m1	3-4		R	45	CF	80x	5m5	2	
R	53	JL	15x	5m3	3		R	60	PA	28x	5m5	3	
B	70	MC	25x	5m2	2-3		R	75	AT	50x	5m6	3	
B	80	WD	15x	4m8	3		R	80	WD	13x	6m5	3	
R	90	SG	38x	6m9	1-2		R	102	DS	40x	5m7	2	
N	114	SB	125x	6m0	3		N	114	AV	50x	5m2	2	
N	114	DB	36x	6m0	2		N	114	DK	56x	3m4	2-3	
R	120	CF	80x	5m5	1		N	140	RH	28x	6m5	2-3	
N	150	WK	56x	6m2	2		N	200	GK	44x	5m8	1	
S	200	HL	77x		2	f	S	200	HM	95x	4m5	3	
S	200	MC	100x	6m0	1-2		S	250	FB	96x	5m6	2	
N	254	JM	40x	5m0	3	f	N	254	JM	40x	4m0	2	f
N	300	UN	50x	5m2	2		N	320	PI	240x	6m0	1	

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Kat Nr. Class RA. Dec Con Size Mag Uran

NGC 229 L 00 43 04.7 +23 30 32 And 1.00 14.7 126
N 317 WK 312x 4m8 4

NGC 237 Sc 00 43 27.9 -00 07 33 Cet 1.8 13.6 216
N 317 WK 170x 5m2 3-4

NGC 234 Sc 00 43 32.3 +14 20 31 Psc 1.60 13.3 171
N 317 WK 170x 5m0 4

NGC 233 E 00 43 36.5 +30 35 11 And 2.0 13.5 90
N 200 HZ 120x 6m5 4-5
N 317 WK 170x 6m0 3

And 1 E3 peg 00 45.5 +38 02 And 90
N 500 CF 250x 6m8 5

NGC 243 L 00 46 00.7 +29 57 33 And 0.90 14.6 90
N 317 WK 170x 6m0 4

IC 51 PRG? 00 46 24.2 -13 26 31 Cet 1.6 13.4 261
N 317 WK 170x 4m5 4

NGC 247 Sm 00 47 08.3 -20 45 38 Cet 20 9.6 306
R 60 RH 21x 7m3 5
R 80 HZ 17x 5m5 5
R 90 SG 38x 6m9 4
N 114 RS 56x 5m5 4
S 125 FB 74x 6m5 3
N 150 WK 45x 4m0 5
N 200 KV 48x 4m5 3-4
N 200 HZ 40x 3-4

IC 1583 S 00 47 10.2 +23 04 26 And 1.20 15.9 126
N 317 WK 312x 5m8 5

IC 1585 C 00 47 14.2 +23 03 13 And 1.20 15.1 126
N 317 WK 312x 5m8 5

NGC 253 Sc/P 00 47 34.3 -25 17 32 Scl 25 8.0 307
B 50 TJ 7x 5m0 3
B 50 GG 7x 4m0 7
R 60 RH 21x 7m3 2
R 80 HZ 17x 5m5 3
B 80 HZ 30x 5m5 3
R 90 SG 38x 6m9 3
N 114 SB 25x 5m1 2
N 114 SB 20x 5m1 3
N 114 RS 22x 5m5 1 s
S 125 FB 50x 6m5 3 s
N 150 WK 45x 4m0 3
N 200 KV 48x 5m5 3 s
N 200 WK 60x 4m0 2-3
N 200 GK 91x 5m6 2 s
S 203 PK 60x 3-4
M 228 GI 78x 6m0 1 s
S 250 FB 96x 5m4 2-3
N 317 TJ 89x 5m0 2-3
N 317 TE 176x 6m3 1 s
N 318 DS 102x 3m8 2-3

NGC 255 Sb-c 00 47 47.3 -11 28 08 Cet 3.1 12.4 262
N 150 RY 48x 4m8 3 p
N 200 HZ 3-4
S 280 FD 318x 6m0 3
N 317 WK 170x 4m5 3-4

IC 1586 C 00 47 56.5 +22 22 22 And 1.20 14.9 126
N 317 WK 312x 5m8 5

NGC 257 Sc 00 48 01.6 +08 17 46 Psc 2.0 13.4 171
N 317 WK 170x 6m2 3-4

NGC 252 Sa 00 48 01.7 +27 37 22 And 1.7 13.4 90
N 200 HZ 120x 6m2 4-5
N 317 WK 170x 5m5 3

NGC 260 Sc/P 00 48 34.9 +27 41 29 And 0.80 14.3 127
N 317 WK 170x 5m5 4-5

NGC 262 Sa 00 48 47.1 +31 57 25 And 1.10 15.4 90
N 317 WK 170x 5m8 4-5

Kat Nr. Class RA. Dec Con Size Mag Uran

NGC 266 SBa-b 00 49 47.8 +32 16 37 And 3.2 12.6 90
N 200 HZ 100x 6m1 3-4
N 317 WK 170x 5m8 3

UGC 506 00 49.7 +22 56 And 1.6 14.5 127
N 317 WK 170x 4m8 4

NGC 274 E1 00 51 01.8 -07 03 26 Cet 1.7 13.2 262
S 200 PE 78x 5m5 4
S 280 FD 318x 6m0 3

NGC 275 SB/P 00 51 04.5 -07 03 57 Cet 1.5 13.1 262
S 280 FD 318x 6m0 5

NGC 278 E0/P 00 52 04.5 +47 33 01 Cas 2.2 11.5 60
N 114 DK 56x 5m0 4
N 200 GK 119x 5m6 2
S 200 PE 110x 4m9 3
S 200 JL 5m0 3
N 200 XY 95x 5m0 3-4
N 200 DP 128x 5m0 3
N 203 KV 200x 6m5 2
M 228 GI 124x 5m0 5
S 250 FB 96x 5m2 2
S 280 PP 87x 5m0 2
N 317 WK 214x 5m8 2
N 318 DS 102x 5m5 2-3
N 318 DS 102x 5m9 2

NGC 292 SB 00 52 38.0 -72 48 01 Tuc 316.2 2.6 460
R 60 RH 21x 6m9 1

NGC 282 E 00 52 42.0 +30 37 18 Psc 0.80 14.7 90
N 317 WK 170x 5m8 3-4

NGC 287 S 00 53 28.3 +32 28 55 Psc 0.80 14.8 90
N 317 WK 170x 6m2 3

IC 1596 S 00 54 42.7 +21 31 21 Psc 1.30 14.8 127
N 317 WK 170x 5m8 4-5

NGC 300 Sd 00 54 53.3 -37 41 05 Scl 21.70 8.8 351
N 255 SK 58x 6m3 2

NGC 295 SBb 00 55 07.4 +31 32 30 Psc 2.0 13.2 90
N 200 HZ 120x 6m2 4-5
N 317 WK 170x 5m8 3-4

UGC 567 S0 00 55.3 +31 44 Psc 1.1 14.9 90
N 317 WK 170x 5m8 4

PGC 3357 S 00 56 22.8 -01 12 36 Cet 0.3 15.5 217
N 317 WK 312x 5m5 4-5

NGC 309 Sc 00 56 42.6 -09 54 53 Cet 3.1 12.5 306
N 200 HZ 5
N 317 WK 170x 4m5 3-4

UGC 579 E 00 56.3 -01 15 Cet 1.4 13.3 217
N 317 WK 312x 5m5 4-5

UGC 583 E 00 56.5 -01 15 Cet 1.1 14.9 217
N 317 WK 312x 5m5 4-5

NGC 311 L 00 57 32.8 +30 16 47 Psc 1.5 14.0 91
N 200 HZ 120x 6m5 4-5
N 317 WK 93x 5m3 4

NGC 317 A C M 00 57 39.0 +43 48 03 And 1.40 15.4 60
N 317 WK 170x 5m8 5

NGC 317 B CB M 00 57 40.5 +43 47 29 And 1.10 13.9 60
N 317 WK 170x 5m8 4-5

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**315**	L	00 57 49.0	+30 21 05	Psc	3.0	12.2	90

N	200	GK	119x	5m6	3		N	200	KV	200x	6m5	2	
N	200	HZ	120x	6m5	3		S	200	PE	78x	5m1	3-4	
S	250	FB	167x	5m0	3-4		N	254	RV	140x	5m3	3	
N	317	WK	93x	5m3	3								

UGC	**598**	S0-a	00 57.8	+31 29	Psc	1.0	14.4	90

N	317	WK	170x	5m8	4

NGC	**326**	E4/P	00 58 22.6	+26 51 55	Psc	1.50	14.3	127

N	317	WK	170x	5m6	4

IC	**64**	S	00 59 24.4	+27 03 32	Psc	1.50	16.0	127

N	317	WK	170x	5m6	4-5

NGC	**337**	Sc	00 59 49.9	-07 34 43	Cet	2.8	12.1	306

N	200	HZ	3

PGC	**3575**	L	00 59 52.7	+31 49 37	Psc		14.8	90

N	317	WK	312x	6m0	5	p

NGC	**338**	Sa-b	01 00 36.5	+30 40 07	Psc	1.80	13.7	91

N	317	WK	170x	5m8	3-4

IC	**65**	SBb-c	01 00 55.3	+47 40 52	And	4.0	13.5	60

N	317	WK	93x	6m2	4

IC	**69**	S R	01 01 23.6	+31 02 26	Psc	1.20	14.6	91

N	317	WK	170x	5m8	4-5

NGC	**355**	L	01 03 06.9	-06 19 27	Cet	0.9	16.4	262

N	203	KV	75x	5m0	7

NGC	**354**	SB/P	01 03 16.3	+22 20 32	Psc	0.80	14.3	127

N	317	WK	170x	5m8	3-4		N	317	WK	170x	6m2	3	

NGC	**357**	SBa	01 03 21.8	-06 20 23	Cet	2.6	13.1	306

N	203	KV	75x	5m0	3

UGC	**654**		01 03.9	+21 14	Psc	2.0	15.0	127

N	317	WK	170x	6m2	4

IC	**1613**	IB	01 04 54.2	+02 08 00	Cet	12.0	9.9	217

B	80	HZ	30x	6m0	7		N	150	GK	42x	6m1	7		
N	200	KV	48x	5m5	5		S	200	PE	110x	5m5	4	s	
N	250	SB	100x	6m6	5		N	500	CF	71x	6m8	4		
N	609	SK	280x	6m1	5									

NGC	**374**	L	01 07 05.8	+32 47 39	Psc	1.10	14.4	91

N	250	SB	197x	6m5	4		N	317	WK	214x	5m5	3-4	

NGC	**375**	E2	01 07 05.8	+32 20 53	Psc	1.30	15.7	91

N	250	SB	197x	6m5	4		N	317	WK	170x	5m8	5	

NGC	**379**	L	01 07 15.7	+32 31 11	Psc	1.8	13.9	91

N	200	GK	91x	5m8	3		N	203	KV	200x	6m5	4	
N	250	SB	197x	6m5	3		N	368	RV	230x	5m5	3-4	

NGC	**380**	E2	01 07 17.6	+32 28 56	Psc	1.6	13.6	91

N	200	GK	91x	5m8	3		N	203	KV	200x	6m5	4	
N	250	SB	197x	6m5	3		N	254	RV	140x	5m3	5	
N	368	RV	230x	5m5	3-4								

IC	**1619**	S	01 07 22.4	+33 03 59	Psc	1.10	14.7	91

N	250	SB	197x	6m5	5	f	N	317	WK	214x	5m5	4	

NGC	**391**	L	01 07 22.5	+00 55 31	Cet	1.1	14.5	387

N	317	WK	170x	6m0	4

NGC	**382**	E0	01 07 23.9	+32 24 10	Psc	0.4	14.6	91

N	203	KV	200x	6m5	5-6		N	250	SB	197x	6m5	5	

NGC	**383**	L	01 07 24.9	+32 24 42	Psc	2.3	13.2	91

N	200	GK	91x	5m8	3		N	203	KV	200x	6m5	2-3	
N	250	SB	197x	6m5	3		N	320	PI	240x	6m0	3	
N	368	RV	230x	5m5	3								

NGC	**384**	E3	01 07 25.0	+32 17 32	Psc	1.1	14.0	91

N	200	GK	91x	5m8	4		N	203	KV	200x	6m5	4	
N	250	SB	197x	6m5	4		N	317	WK	170x	5m8	4-5	
N	368	RV	230x	5m5	4								

NGC	**385**	L	01 07 27.2	+32 19 08	Psc	1.5	14.0	91

N	200	GK	91x	5m8	4		N	203	KV	200x	6m5	4	
N	250	SB	197x	6m5	3		N	317	WK	170x	5m8	4-5	
N	368	RV	230x	5m5	4								

NGC	**386**	C M	01 07 31.2	+32 21 43	Psc	0.40	15.5	91

N	250	SB	197x	6m5	5		N	317	WK	170x	5m8	5	

UGC	**692**	SBc	01 07.6	+32 56	Psc	1.1	15.1	91

N	250	SB	197x	6m5	4

NGC	**392**	L	01 08 23.3	+33 07 58	Psc	0.9	13.7	91

N	250	SB	197x	6m5	3		N	317	WK	170x	6m0	3	

NGC	**394**	S	01 08 26.1	+33 08 50	Psc	0.6	15.0	91

N	250	SB	197x	6m5	4		N	317	WK	170x	6m0	4	

NGC	**398**	S	01 08 53.6	+32 30 52	Psc	0.30	15.2	91

N	250	SB	197x	6m5	5

NGC	**399**	SBa	01 08 59.1	+32 37 59	Psc	0.9	14.5	91

N	250	SB	197x	6m5	5		N	317	WK	170x	6m0	4-5	

PGC	**4112**		01 09 13.4	+31 58 47	Psc		15.3	91

N	250	SB	197x	6m5	5

NGC	**403**	Sa	01 09 14.2	+32 45 04	Psc	1.8	13.4	91

N	250	SB	197x	6m5	3		N	317	WK	170x	6m0	4	

NGC	**404**	E0	01 09 26.9	+35 43 04	And	4.4	11.2	91

B	80	HZ	30x	6m5	4-5		R	90	MM	40x	5m5	4	
R	102	DS	100x	5m3	4		R	120	CF	80x	5m5	3	
M	150	PI	83x	5m5	3		N	150	WK	100x	6m2	3	
N	200	KV	120x	5m0	2-3		N	200	GK	170x	5m6	3	
N	200	XY	45x	5m0	2		S	200	JL		6m0	3	
S	200	MS	200x	5m0	3-4		S	200	PE	110x	4m9	3	
N	200	DP	75x	5m0	3		S	203	DS	102x	5m3	3	
M	228	GI	124x	5m0	3		N	250	SB	221x	5m0	2	
N	254	RV	140x	5m3	2-3		N	300	DR	115x	6m1	3	
N	320	PI	36x	6m2	1								

PGC	**4140**		01 09 42.5	+32 27 05	Psc	0.7	15.0	91

N	250	SB	197x	6m5	5

UGC	**714**	Sc	01 09.3	+32 09	Psc	1.3	14.5	91

N	250	SB	197x	6m5	3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**407**	Sa	01 10 36.5	+33 07 29	Psc	1.8	14.4	91

N	250	SB	66x	6m5	3		N	317	WK	214x	5m3	5	
N	317	WK	170x	6m0	3-4								

PGC	**4208**		01 10 52.2	+32 35 37	Psc	0.5	15.4	91

N	250	SB	197x	6m5	5	p

NGC	**410**	LB	01 10 58.3	+33 09 06	Psc	2.3	12.5	91

N	200	GK	91x	5m8	3		S	200	PE	78x	5m5	4	
N	250	SB	197x	6m5	3		N	317	WK	93x	5m3	3	
N	317	WK	170x	6m0	2-3								

UGC	**724**		01 10.0	+32 21	Psc	2.3	14.0	91

N	250	SB	197x	6m5	3

UGC	**732**	Sc	01 10.7	+33 34	Psc	1.7	14.7	91

N	250	SB	66x	6m5	5

NGC	**417**	LB	01 11 05.5	-18 08 57	Cet	0.6	15.9	307

N	317	WK	214x	5m3	5

PGC	**4234**		01 11 07.8	+33 13 35	Psc	0.9	15.4	91

N	250	SB	197x	6m5	4

PGC	**4244**		01 11 10.5	+32 41 56	Psc		15.3	91

N	250	SB	197x	6m5	5		N	317	WK	170x	6m0	4-5	

NGC	**414**	C RM	01 11 17.6	+33 06 47	Psc	0.7	14.5	91

N	250	SB	197x	6m5	3		N	317	WK	170x	6m0	3-4	

IC	**1636**	C M	01 11 37.3	+33 21 16	Psc	0.3	15.2	91

N	250	SB	66x	6m5	5	f	N	317	WK	170x	6m0	4-5	

IC	**1638**	L	01 12 21.7	+33 21 52	Psc	0.5	15.0	91

N	317	WK	170x	6m0	4-5

PGC	**4339**	SB	01 12 22.8	+43 17 54	And	1.3	14.4	61

N	317	WK	170x	6m0	4-5

NGC	**413**	S	01 12 31.4	-02 47 42	Cet	1.20	14.9	217

N	317	WK	170x	6m2	4-5

NGC	**428**	Sc/P	01 12 55.6	+00 58 51	Cet	4.1	11.9	217

B	80	HZ	30x	6m0	6		N	200	HZ	50x	5m8	4	
N	317	WK	93x	6m0	4								

UGC	**756**	Sc	01 12.7	+32 59	Psc	1.0	14.7	91

N	250	SB	66x	6m5	4

NGC	**450**	Sc	01 15 30.4	-00 51 43	Cet	3.2	12.3	217

N	317	WG	61x	5m2	3

NGC	**447**	SB0-a	01 15 37.9	+33 03 57	Psc	2.6	14.5	91

N	317	WK	170x	6m3	3-4		N	368	RV	80x	5m5	3	

NGC	**449**	S M	01 16 07.5	+33 05 18	Psc	0.7	15.0	91

N	317	WK	170x	6m3	5

NGC	**451**	S M	01 16 12.4	+33 03 47	Psc	0.7	14.9	91

N	317	WK	170x	6m3	5

And	**2**	E?	01 16.4	+33 27	Psc			91

N	500	CF	147x	6m8	7

UGC	**842**	S0	01 18.9	-01 00	Cet	1.5	15.4	217

N	317	WK	170x	5m4	4-5

NGC	**467**	L/P	01 19 10.1	+03 18 03	Psc	2.4	13.1	217

N	150	GK	85x	5m8	5	f	N	200	HZ	100x	5m8	3-4	
N	317	WK	93x	5m5	3		N	400	CF	143x	6m4	2-3	

NGC	**470**	Sc	01 19 44.8	+03 24 31	Psc	3.0	12.5	217

N	150	GK	85x	5m8	5	f	N	200	HZ	100x	5m8	3-4	
N	317	WK	93x	5m5	3		N	317	TJ	89x	5m6	3-4	
N	400	CF	143x	6m4	2-3								

UGC	**845**	Sb	01 19.2	+21 45	Psc	1.2	15.0	127

N	317	WK	170x	5m8	5

NGC	**474**	L RM	01 20 06.7	+03 24 56	Psc	7.9	12.3	217

B	80	HZ	30x	6m0	6		N	150	GK	85x	5m8	5	f
N	200	KV	75x	4m5	4		N	200	HZ	100x	5m8	3-4	
S	250	FB	96x	5m0	6		N	317	WK	93x	5m5	3	
N	317	TJ	89x	5m6	4		N	320	PI	144x	6m0	3	
N	400	CF	143x	6m4	2								

PGC	**4818**		01 20 18.5	+21 28 43	Psc		15.2	128

N	317	WK	170x	5m8	4-5

NGC	**488**	Sa-b	01 21 46.6	+05 15 19	Psc	5.2	11.2	173

B	80	HZ	30x	6m0	4		S	200	PE	78x	4m9	4	
N	200	KV	75x	5m0	3		N	200	HZ	120x		3	
N	200	GK	119x	5m6	3		N	200	HR	128x	5m5	3	
M	228	GI	148x	5m0	4		S	250	FB	167x	5m0	4	
N	317	WK	170x	5m5	2-3		N	317	TJ	89x	5m6	3	
N	400	CF	143x	6m4	2								

NGC	**489**	S	01 21 53.8	+09 12 21	Psc	1.70	13.5	173

N	400	CF	143x	6m4	2

UGC	**892**	SB	01 21.3	-00 32	Cet	2.1	14.5	218

N	317	WK	170x	5m8	4

NGC	**483**	S	01 22 00.8	+33 30 35	Psc	0.7	17.0	91

N	317	WK	312x	5m8	4

NGC	**497**	SBb-c	01 22 23.9	-00 52 31	Cet	2.10	13.8	218

N	317	WK	170x	5m8	3-4

IC	**1683**	S	01 22 39.1	+34 26 12	And	1.60	14.2	91

N	317	WK	170x	6m0	3-4

NGC	**500**	E	01 22 39.3	+05 23 14	Psc	0.80	15.0	173

N	400	CF	143x	6m4	3-4

NGC	**494**	Sa-b	01 22 55.4	+33 10 20	Psc	1.9	13.8	91

N	203	KV	200x	6m5	4-5		N	317	WK	170x	5m8	4	
N	368	RV	230x	5m6	3-4								

NGC	**502**	L	01 22 55.6	+09 02 56	Psc	1.10	13.7	173

N	400	CF	143x	6m4	2

NGC	**495**	SBa/P	01 22 56.0	+33 28 13	Psc	1.5	13.9	91

N	317	WK	170x	5m8	4		N	368	RV	230x	5m6	3-4	

NGC	**505**	L	01 22 57.1	+09 28 06	Psc	0.90	15.0	173

N	400	CF	143x	6m4	3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Mrk	**357**		01 22.7	+23 10	Psc	0.2	16.0p	128
N 317 WK 312x 6m2 5 p								
UGC	**921**	S	01 22.8	-01 23	Cet	2.3	14.0	218
N 317 WK 170x 5m8 4								
NGC	**499**	L	01 23 11.5	+33 27 33	Psc	2.0	13.2	91
N 254 RV 140x 5m3 5								
N 368 RV 230x 5m6 3								
N 317 WK 170x 5m8 3-4								
IC	**1687**	C	01 23 19.3	+33 16 35	Psc	0.4	14.7	91
N 203 KV 200x 6m5 7								
NGC	**501**	C	01 23 22.3	+33 25 59	Psc		15.5	91
N 317 WK 312x 5m8 5								
NGC	**509**	SBb	01 23 24.1	+09 25 58	Psc	1.30	14.6	173
N 400 CF 143x 6m4 3								
NGC	**504**	L	01 23 28.1	+33 12 12	Psc	1.6	14.0	91
N 203 KV 200x 6m5 4								
N 368 RV 230x 5m6 3-4								
N 317 WK 170x 5m8 3-4								
NGC	**503**	E	01 23 28.4	+33 19 54	Psc		15.3	91
N 317 WK 312x 5m8 5								
NGC	**507**	L M	01 23 40.0	+33 15 22	Psc	4.3	12.3	91
N 200 DP 75x 5m0 4								
N 254 RV 140x 5m3 5								
N 368 RV 230x 5m6 3								
N 203 KV 200x 6m5 2-3								
N 317 WK 170x 5m8 3								
NGC	**508**	E0	01 23 40.7	+33 16 47	Psc	1.6	14.1	91
N 203 KV 200x 6m5 4								
N 368 RV 230x 5m6 3-4								
N 317 WK 170x 5m8 4								
NGC	**512**	Sa-b	01 23 59.8	+33 54 24	And	1.60	14.1	91
N 317 WK 170x 6m0 3-4								
UGC	**929**	Sc	01 23.2	-00 23	Cet	1.5	14.9	218
N 317 WK 170x 5m8 4-5								
UGC	**928**	S0	01 23.2	-00 38	Cet	1.2	15.2	218
N 317 WK 170x 5m8 4-5								
PGC	**5133**	S	01 24 00.5	+34 46 08	And	0.4	15.7	91
N 317 WK 170x 6m0 4-5								
NGC	**514**	Sc	01 24 03.9	+12 55 00	Psc	3.5	12.3	173
N 200 HZ 100x 6m3 4-5								
NGC	**516**	SBb	01 24 08.0	+09 33 05	Psc	2.0	14.2	173
N 400 CF 143x 6m4 3								
NGC	**518**	Sa-b	01 24 17.7	+09 19 49	Psc	1.60	14.3	173
N 400 CF 143x 6m4 3								
NGC	**513**	S	01 24 26.9	+33 47 54	And	0.70	13.6	91
N 317 WK 170x 6m0 3								
NGC	**519**	E	01 24 28.7	-01 38 31	Cet	0.50	15.4	218
N 317 WK 214x 6m2 4-5								
NGC	**521**	SBb	01 24 33.6	+01 43 51	Cet	3.4	12.5	218
N 200 HZ 50x 5m8 4-5								
N 317 WK 170x 5m4 4								
NGC	**520**	P	01 24 34.7	+03 47 37	Psc	4.8	12.2	218
N 200 WK 75x 5m2 4								
S 250 FB 96x 5m0 6								
N 400 CF 143x 6m4 2 s								
N 200 HZ 100x 3								
N 320 PI 144x 6m0 2								
NGC	**515**	L	01 24 38.7	+33 28 18	Psc	1.3	14.1	91
N 317 WK 170x 5m8 4								
N 368 RV 230x 5m6 3-4								
NGC	**530**	LB	01 24 41.7	-01 35 15	Cet	1.50	14.0	218
N 317 WK 214x 6m2 4								
NGC	**517**	L	01 24 43.8	+33 25 42	Psc	2.1	13.5	91
N 317 WK 170x 5m8 4								
N 368 RV 230x 5m6 3-4								
NGC	**522**	Sb-c	01 24 45.9	+09 59 40	Psc	2.80	14.0	173
N 400 CF 143x 6m4 3								
NGC	**524**	E1	01 24 47.8	+09 32 17	Psc	3.2	11.3	173
B 80 HZ 30x 6m2 4-5								
S 200 PE 78x 5m1 3								
S 250 FB 167x 5m0 3								
S 280 FD 140x 6m0 2-3								
N 400 CF 143x 6m4 1-2								
N 200 GK 119x 5m6 3								
M 228 GI 124x 5m0 3								
N 254 RV 140x 5m3 3								
N 317 WK 170x 5m5 2-3								
PGC	**5226**	S	01 24 49.6	+32 14 05	Psc	0.6	15.2	91
N 317 WK 170x 5m8 4-5								
IC	**1696**	E	01 24 52.4	-01 37 04	Cet	1.50	14.6	218
N 317 WK 214x 6m2 5								
NGC	**525**	L	01 24 52.8	+09 42 12	Psc	1.50	15.0	173
N 400 CF 143x 6m4 3								
UGC	**950**	Sa-b	01 24.3	+32 14	Psc	1.1	15.2	91
N 317 WK 170x 5m8 5								
UGC	**959**	Sa	01 24.7	+32 11	Psc	1.2	14.2	91
N 317 WK 170x 5m8 3-4								
UGC	**974**	S0-a	01 24.8	-01 29	Cet	1.1	15.0	218
N 317 WK 214x 6m2 5								
IC	**1695**	C	01 25 07.5	+08 41 55	Psc	1.1	15.0	173
N 317 WK 170x 5m8 4-5								
NGC	**532**	Sb	01 25 17.1	+09 15 49	Psc	2.30	13.9	173
N 400 CF 143x 6m4 2-3								
NGC	**523**	P	01 25 20.7	+34 01 29	And	2.9	13.5	91
N 317 WK 170x 6m2 3-4								
NGC	**538**	Sb	01 25 26.1	-01 33 05	Cet	1.00	14.6	218
N 317 WK 214x 6m2 4-5								
NGC	**535**	L	01 25 31.0	-01 24 34	Cet	0.9	14.9	218
S 280 FD 80x 6m0 5								
N 317 WK 214x 6m2 4								
NGC	**533**	E2	01 25 31.4	+01 45 31	Cet	3.7	12.4	218
N 200 HZ 50x 5m8 4-5								
N 317 WK 170x 5m4 3-4								
NGC	**528**	L	01 25 33.6	+33 40 12	And	1.8	13.6	91
N 317 WK 170x 5m8 4								
N 368 RV 230x 5m6 3-4								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**529**	E1	01 25 40.2	+34 42 45	And	2.4	13.2	91
N 317 WK 93x 5m3 3				N 368 RV 80x 5m5 3				
NGC	**541**	L	01 25 44.3	-01 22 48	Cet	2.7	13.2	218
S 280 FD 80x 6m0 3				N 317 WK 214x 6m2 3				
NGC	**543**	E6	01 25 50.0	-01 17 35	Cet	0.60	14.3	218
N 317 WK 214x 6m2 4-5								
NGC	**545**	L M	01 25 59.0	-01 20 28	Cet	3.0	13.3	218
S 280 FD 80x 6m0 3				N 317 WK 214x 6m2 3				
UGC	**984**	S0	01 25.2	-01 30	Cet	1.3	14.8	218
N 317 WK 214x 6m2 4-5								
UGC	**996**	S0-a	01 25.5	-01 29	Cet	1.0	14.8	218
N 317 WK 214x 6m2 4-5								
UGC	**987**	Sa	01 25.5	+32 08	Psc	2.2	13.4	91
N 317 WK 170x 5m8 3-4								
UGC	**1003**	S0	01 25.8	-01 26	Cet	1.0	15.0	218
N 317 WK 214x 6m2 4-5								
MCG	**+0-4-139**		01 25.9	-01 19	Cet	0.4	16.0	218
N 317 WK 214x 6m2 4-5								
NGC	**547**	E1	01 26 00.7	-01 20 44	Cet	1.5	13.3	218
S 280 FD 80x 6m0 3				N 317 WK 214x 6m2 3-4				
NGC	**548**	E	01 26 02.5	-01 13 33	Cet	0.90	14.7	218
N 317 WK 214x 6m2 5								
NGC	**531**	Sc	01 26 18.8	+34 45 13	And	1.9	14.9	91
N 317 WK 93x 5m3 3				N 317 WK 171x 6m2 4-5				
NGC	**536**	SBb	01 26 21.6	+34 42 10	And	3.1	13.2	91
N 368 RV 80x 5m5 3								
PGC	**5364**	SB	01 26 33.7	+31 36 47	Psc	0.9	14.9	91
N 317 WK 170x 5m8 4-5								
NGC	**550**	Sb	01 26 42.4	+02 01 18	Cet	1.40	13.6	218
N 317 WK 170x 5m4 3								
IC	**115**	L	01 26 54.5	+19 12 50	Psc		15.2	128
N 317 WK 312x 5m8 5								
NGC	**558**	E	01 27 16.1	-01 58 16	Cet	0.7	15.6	14
N 317 WK 170x 5m5 5								
NGC	**560**	L	01 27 25.3	-01 54 47	Cet	2.0	13.9	218
N 317 WK 170x 5m5 4-5								
NGC	**564**	E2	01 27 48.2	-01 52 45	Cet	1.8	13.5	218
N 317 WK 170x 5m5 4								
UGC	**1033**	Scd:	01 27.6	+31 33	Psc	3.0	13.5	91
N 317 WK 170x 5m8 4								
NGC	**565**	Sa	01 28 10.0	-01 18 23	Cet	1.4	14.5	218
N 317 WK 170x 5m5 4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**561**	SBa	01 28 18.7	+34 18 28	And	1.6	13.9	91
N 317 WK 170x 6m2 4								
UGC	**1068**	Sc	01 29.8	+45 37	And	1.9	13.7	61
N 317 WK 170x 5m8 4-5								
NGC	**578**	Sc	01 30 28.9	-22 40 02	Cet	4.80	11.5	308
S 200 PE 78x 5m3 4								
NGC	**573**	P	01 30 49.3	+41 15 24	And	0.40	13.7	61
N 317 WK 170x 5m5 3-4								
NGC	**584**	E4	01 31 20.8	-06 52 06	Cet	3.8	11.4	263
N 200 HZ 100x 5m8 3				N 200 GK 91x 5m6 3				
S 200 PE 78x 5m0 3				S 280 FD 140x 6m3 3				
N 317 WK 93x 5m0 2-3								
NGC	**586**	Sa	01 31 36.8	-06 53 37	Cet	1.6	14.1	263
N 200 HZ 120x 5m8 5				N 317 WK 170x 5m0 4-5				
NGC	**587**	SBb	01 32 33.3	+35 21 28	Tri	2.20	13.6	91
N 317 WK 170x 5m8 3-4								
NGC	**596**	E2	01 32 52.0	-07 01 57	Cet	3.5	11.8	263
N 200 HZ 100x 5m8 3				N 200 GK 91x 5m6 3				
S 200 PE 78x 5m3 3				S 280 FD 140x 6m3 3				
N 317 WK 93x 5m0 3								
NGC	**600**	SBd	01 33 05.4	-07 18 46	Cet	3.5	12.9	263
N 200 HZ 60x 5m8 7				N 200 HZ 100x 6m0 5				
IC	**131**	GxyP	01 33 15.0	+30 45 05	Tri			91
N 250 SB 139x 6m6 4								
PGC	**5796**		01 33 28.5	+44 56 28	And	0.6	15.5	61
N 317 WK 170x 5m8 4-5								
NGC	**591**	SB0-a	01 33 31.1	+35 40 04	And	1.30	13.9	91
N 317 WK 170x 5m8 3								
NGC	**590**	SB0-a	01 33 40.7	+44 55 43	And	2.60	13.9	61
N 317 WK 170x 5m8 3-4								
IC	**142**	GxyP	01 33 55.8	+30 45 20	Tri	1.70		91
N 250 SB 139x 6m6 4								
M	**33**	Sc	01 33.9	+30 39	Tri	62	5.7	91
A 7 RH 1x 6m5 5				A 7 PI 1x 6m7 4				
A 7 KV 1x 6m5 4				A 7 TJ 1x 6m5 4				
A 8 GG 1x 6m0 5				B 30 KH 8x 5m8 3				
B 40 KV 10x 5m5 3-4				B 42 CF 10x 6m1 2				
B 50 TJ 7x 6m0 2				R 50 JM 8x 6m0 2-3				
B 50 KH 10x 5m7 2				B 50 DK 7x 5m0 3				
B 50 GG 10x 6m0 4				B 50 PA 10x 6m1 3				
R 60 PA 14x 5m0 3				R 70 FD 14x 5m7 3				
B 70 MC 25x 5m2 2-3				M 75 AT 14x 5m6 1				
R 80 WD 26x 6m5 2				R 90 SG 38x 6m9 2 s				
R 102 DS 40x 5m0 2-3				N 114 DB 36x 5m5 2				
N 114 SB 20x 4m8 4				R 150 DS 48x 6m0 2				
S 200 MC 50x 6m0 3				S 200 HL 50x 1				
N 200 GK 57x 5m8 3 S				N 203 RH 48x 6m5 1-2				
M 228 GI 58x 6m2 1 s				N 250 SB 66x 6m6 2 s				
S 250 FB 63x 5m6 3								
NGC	**613**	SBb-c	01 34 18.4	-29 25 09	Scl	5.20	10.7	352
B 80 HZ 30x 5m5 4-5								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**5885**	C	01 34 59.4	+35 02 23	Tri		15.0	91

N	317	WK	312x	5m8	5	f

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**605**	L	01 35 02.3	+41 14 50	And	2.20	14.0	61

N	317	WK	170x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**615**	Sb	01 35 05.7	-07 20 27	Cet	4.0	12.5	263

N	200	HZ			3		N	200	GK	91x	5m6	4
S	200	PE	110x	5m3	4		S	280	FD	140x	6m3	2-3
N	317	WK	93x	5m0	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**608**	S M	01 35 28.1	+33 39 22	Tri	0.80	14.2	91

N	317	WK	170x	5m8	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**614**	L	01 35 52.2	+33 40 53	Tri	1.40	13.7	91

N	317	WK	170x	5m8	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**621**	CB	01 36 48.9	+35 30 43	Tri	1.90	13.8	91

N	317	WK	170x	5m4	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**620**	C	01 36 59.6	+42 19 20	And	1.00	13.9	61

N	317	WK	170x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**74**	Sc	01 36.7	+15 47	Psc	10	9.2	173

B	50	CF	10x	6m4	4			B	80	PI	20x	6m0	4	
R	102	DS	50x	5m0	3-4			N	110	CW	32x	5m2	3-4	f
N	114	RS	22x	6m0	4			N	114	DK	25x	5m0	3	
M	127	JM	50x	5m6	4	f		N	150	MB	80x		2	
M	150	PI	50x	5m0	7			R	150	DS	80x	5m9	3	
N	150	RY	29x	5m7	3			N	150	WK	45x	6m0	3	
S	200	HL	77x		3		BKF	N	200	GK	57x	5m6	2	
N	200	KH	38x	5m7	3-4			N	200	DP	102x	5m0	3	
M	228	GI	78x	4m9	5			S	250	FB	167x	5m8	3	
N	250	SB	100x	5m3	3			S	280	FD	51x	5m3	2	s
N	317	WK	170x	6m0	3			N	317	TJ	177x	5m0	2-3	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**632**	L	01 37 17.5	+05 52 36	Psc	1.50	13.4	173

N	200	HZ	120x	6m0	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**634**	Sa	01 38 18.6	+35 21 51	Tri	2.1	13.9	91

N	170	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1718**	S	01 38 26.9	+33 21 53	Tri	1.30	15.1	91

N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**1166**	S0-a	01 38.6	+35 00	Tri	1.5	14.0	91

N	317	WK	170x	5m4	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**636**	E1	01 39 06.5	-07 30 46	Cet	2.3	12.4	263

N	200	HZ	60x	5m8	3-4		S	200	PE	110x	5m3	4
S	280	FD	140x	6m3	7		N	317	WK	52x	5m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**645**	SBb	01 40 08.8	+05 43 32	Psc	2.60	13.5	173

N	200	HZ	100x	6m0	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**6204**	C	01 40 41.7	+45 50 04	And		15.0	61

N	317	WK	170x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**1179**		01 40.7	+43 52	And	1.7	15.6	61

N	317	WK	170x	5m8	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**658**	Sb	01 42 09.8	+12 36 03	Psc	3.00	13.1	173

N	200	HZ	100x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**653**	Sa-b	01 42 25.6	+35 38 17	Tri	1.5	14.3	92

N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**660**	SBa/P	01 43 01.8	+13 38 35	Psc	9.1	11.7	173

B	50	CF	10x	6m4	7		N	200	KV	75x	5m5	3
N	200	DP	36x	5m0	4		S	200	PE	78x	5m5	4
N	200	HZ	100x	6m0	4		N	368	RV	230x	5m3	3-4
N	400	CF	240x	6m4	2							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**664**	Sb	01 43 45.9	+04 13 19	Psc	1.50	13.7	218

N	200	HZ	120x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**6366**	C M	01 43 56.4	+17 03 51	Psc	0.4	14.9	128

N	317	WK	170x	6m0	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**661**	L	01 44 14.6	+28 42 22	Tri	2.0	13.2	92

N	200	HZ	120x	6m3	4-5		N	254	RV	140x	5m2	5-6
N	317	WK	170x	5m2	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**6390**	C M	01 44 30.6	+17 06 09	Psc		16.6	128

N	317	WK	170x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**662**	Sb	01 44 35.5	+37 41 45	And	0.80	14.4	92

N	317	WK	170x	5m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**1219**	SB	01 44.3	+17 28	Psc	1.4	13.6	128

N	317	WK	170x	6m0	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**666**	C	01 46 06.0	+34 22 27	Tri	0.70	14.2	92

N	317	WK	170x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**6507**		01 46 27.5	+34 55 39	Tri	0.7	14.8	92

N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**6542**	C	01 46 56.9	+34 46 20	Tri	0.6	15.2	92

N	317	WK	170x	5m8	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**670**	E4	01 47 24.9	+27 53 08	Tri	6.2	13.6	92

S	200	DK	145x	5m3	3		N	200	HZ	100x	6m5	4
S	203	PK	60x		7		N	317	WK	170x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1727**	SBm	01 47 30.0	+27 19 55	Tri	7.3	12.0	92

S	200	DK	145x	5m3	3		S	200	PE	78x	5m5	4
N	200	HZ	80x	6m3	5		N	254	RV	140x	5m2	5
N	317	WK	93x	5m8	5							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**672**	SBc	01 47 54.0	+27 25 56	Tri	6.6	11.4	92

S	200	DK	145x	5m3	3		N	200	KV	48x	4m5	3-4
N	200	HZ	40x		3-4		S	200	PE	78x	5m5	4
S	203	PK	60x		4		M	228	GI	78x	4m8	7
M	228	GI	78x	4m8	5		N	250	SB	100x	5m3	3
N	254	RV	140x	5m2	5		S	280	FD	140x	6m0	3
C	300	MW	144x	5m7	3		N	317	WK	93x	5m8	3
N	318	DS	102x	5m9	3		N	320	PI	144x	6m3	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**673**	Sc	01 48 22.4	+11 31 15	Ari	2.1	13.2	173

N	203	KV	200x	6m5	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**676**	Sa	01 48 57.2	+05 54 20	Psc	4.3	10.4	173

B	80	HZ	30x	6m2	7		N	200	HZ	100x	5m8	3-4
S	200	PE	110x	5m5	7		N	368	RV	230x	5m3	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**681**	Sa-b	01 49 10.8	-10 25 40	Cet	2.6	12.8	263

N	200	HZ	80x		4		S	200	PE	78x	5m3	4
S	280	FD	140x	6m3	3-4		N	317	WK	170x	5m0	3-4

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	678	SBb	01 49 24.8	+21 59 47	Ari	5.0	13.3	128

S	200	MC	100x	5m8	4-5		N	200	HZ	120x	6m2	4
N	250	SB	100x	5m3	3		N	317	WK	170x	6m0	3
N	318	DS	102x	5m8	4							

NGC	679	L	01 49 43.7	+35 47 08	And	2.10	13.3	92

S	200	PE	78x	5m5	4		N	317	WK	170x	6m0	3

NGC	680	L/P	01 49 47.3	+21 58 14	Ari	2.9	12.9	128

N	150	GK	112x	6m5	3-4		S	200	MC	100x	5m8	3-4
N	200	HZ	100x	6m2	4		N	250	SB	100x	5m3	4
N	317	WK	170x	6m0	2-3		N	318	DS	102x	5m8	3-4
N	500	CF	147x	6m7	2							

UGC	1269	E-S0	01 49.1	+34 59	Tri	1.1	15.4	92

N	317	WK	170x	5m5	4-5							

UGC	1272	S0:	01 49.2	+35 05	Tri	1.5	14.3	92

N	317	WK	170x	5m8	3-4							

UGC	1277	S0-a	01 49.4	+35 27	Tri	2.0	14.5	92

N	317	WK	170x	5m5	4							

UGC	1281	SIV	01 49.6	+32 35	Tri	4.7	13.0	92

N	317	TJ	89x	5m5	6							

NGC	684	Sb	01 50 14.1	+27 38 44	Tri	3.1	13.3	92

S	200	DK	145x	5m3	3-4		N	200	HZ	120x	6m3	5
S	280	FD	140x	6m0	3-4		N	317	WK	93x	5m8	3

NGC	693	Sa	01 50 30.9	+06 08 39	Psc	2.20	13.2	173

N	200	HZ	100x	6m0	4							

NGC	687	L	01 50 33.2	+36 22 13	And	1.40	13.3	92

S	200	PE	78x	5m5	3-4		N	317	WK	170x	6m0	3

NGC	691	Sb-c	01 50 41.7	+21 45 35	Ari	3.5	12.3	129

N	200	HZ	100x	6m2	3-4		S	200	PE	110x	5m3	4
S	250	FB	96x	5m3	4		N	250	SB	100x	5m3	4
N	254	RV	140x	5m3	6		N	317	WK	170x	6m0	3
N	318	DS	102x	5m8	3-4		N	500	CF	147x	6m7	3

IC	1733	C	01 50 42.9	+33 04 54	Tri	1.10	14.3	92

N	317	WK	312x	5m8	3-4							

NGC	688	SBb	01 50 44.1	+35 17 03	Tri	2.40	13.3	92

N	317	WK	170x	6m0	3-4							

IC	1732	S	01 50 48.0	+35 55 57	And	1.40	15.0	92

N	317	WK	170x	6m0	4							

IC	1735	C	01 50 51.8	+33 05 29	Tri	0.60	14.9	92

N	317	WK	170x	5m5	4-5							

PGC	6812	C	01 50 53.6	+33 05 50	Tri		17.2	92

N	317	WK	312x	5m8	4-5							

NGC	694	L/P	01 50 58.4	+21 59 47	Ari	0.5	14.3	129

N	500	CF	147x	6m7	3							

UGC	1308	E	01 50.8	+36 16	And	2.3	14.5	92

N	317	WK	214x	6m0	3-4							

NGC	701	SBc	01 51 03.8	-09 42 14	Cet	2.5	12.8	263

S	200	PE	78x	5m3	5		S	280	FD	140x	6m3	4
N	317	WK	93x	5m0	3-4							

NGC	695	L/P	01 51 14.2	+22 34 56	Ari	1.4	13.9	129

N	318	DS	102x	5m8	6		N	500	CF	147x	6m7	3

NGC	697	SBb-c	01 51 17.5	+22 21 25	Ari	4.7	12.8	128

M	228	GI	124x	5m0	7		N	250	SB	100x	5m3	4
N	254	RV	140x	5m3	7		N	317	WK	93x	6m0	3
N	317	TJ	177x	4m5	3-4		N	318	DS	102x	5m8	3-4

PGC	6870	S	01 51 33.7	+33 13 00	Tri	0.9	15.1	92

N	317	WK	312x	5m8	4							

NGC	706	Sc	01 51 50.7	+06 17 44	Psc	2.2	13.2	173

N	200	HZ	100x	6m0	4							

UGC	1318	E	01 51.4	+33 02	Tri	1.2	15.4	92

N	317	WK	312x	5m8	4							

UGC	1319	S?	01 51.5	+36 04	And	0.9	13.9	92

N	317	WK	214x	6m2	4-5							

PGC	6928	L	01 52 16.8	+36 02 12	And	0.9	15.2	92

N	317	WK	312x	6m2	5	f						

PGC	6945	C	01 52 32.3	+36 06 47	And		15.6	92

N	317	WK	312x	6m2	5	f						

NGC	704	S	01 52 37.7	+36 07 35	And	0.60	15.0	92

N	317	WK	214x	6m2	4							

NGC	703	L	01 52 39.6	+36 10 18	And	1.20	14.3	92

N	317	WK	214x	6m2	3-4							

NGC	705	C	01 52 41.6	+36 08 38	And	1.20	14.6	92

N	317	WK	214x	6m2	4-5							

NGC	708	E2	01 52 46.4	+36 09 06	And	3.00	12.9	92

N	317	WK	214x	6m2	3-4							

NGC	709	S	01 52 50.6	+36 13 21	And	0.40	15.2	92

N	317	WK	214x	6m2	4-5							

NGC	710	Sc	01 52 54.0	+36 03 10	And	1.30	14.2	92

N	317	WK	214x	6m2	5							

UGC	1339	SB0	01 52.4	+35 51	And	1.2	15.0	92

N	317	WK	170x	5m5	4-5							

UGC	1344	Sba	01 52.6	+36 30	And	1.6	12.7	92

N	317	WK	214x	6m2	5							

UGC	1347	SAB	01 52.8	+36 37	And	1.3	12.9	92

N	317	WK	214x	6m2	4-5							

NGC	720	E3	01 53 00.4	-13 44 21	Cet	4.4	11.2	263

N	200	HZ	120x	6m0	3		N	200	GK	91x	5m6	3
S	200	PE	78x	5m2	3		S	250	FB	167x	5m0	4
S	280	FD	140x	6m3	2							

NGC	718	Sb	01 53 13.0	+04 11 42	Psc	2.8	12.6	219

N	200	HZ	100x	6m0	3							

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**714**	L	01 53 29.6	+36 13 15	And	1.50	14.1	92
N	317	WK	214x	6m2	3-4			
NGC	**719**	L	01 53 38.8	+19 50 25	Ari	1.4	15.3	128
N	500	CF	147x	6m7	3			
NGC	**717**	L	01 53 55.0	+36 13 45	And	1.30	14.9	92
N	317	WK	214x	6m2	4-5			
UGC	**1353**	E-SO	01 53.5	+36 58	And	1.2	14.4	92
N	317	WK	170x	5m8	4			
UGC	**1359**	SB	01 53.7	+29 56	Tri	0.9	14.2	92
N	200	HZ	120x	6m5	5			
NGC	**721**	SBb-c	01 54 45.4	+39 22 57	And	1.70	14.1	61
N	317	WK	170x	5m8	5			
NGC	**722**	S	01 54 46.9	+20 41 52	Ari	1.9	14.4	129
N	500	CF	147x	6m7	3			
NGC	**731**	E0	01 54 55.9	-09 00 43	Cet	1.7	13.0	263
N	317	WK	170x	5m0	3			
PGC	**7122**	L	01 54 57.4	+36 51 42	And	0.7	15.1	92
N	317	WK	312x	5m8	5			
UGC	**1385**	Sba	01 54.9	+36 55	And	0.8	14.2	92
N	317	WK	312x	5m8	4			
UGC	**1395**	Sb	01 55.3	+06 36	Psc	1.7	14.5	174
N	317	WK	170x	5m5	4-5			
UGC	**1397**	SO	01 55.9	+32 59.4	Tri	1.1	14.1	92
N	317	WK	170x	5m6	5			
IC	**1749**	L	01 56 11.0	+06 44 42	Psc	1.70	14.6	174
N	317	WK	170x	5m5	4-5			
IC	**1751**	C	01 56 19.0	+05 39 07	Psc	3.00	15.1	174
N	317	WK	170x	5m5	4-5			
NGC	**741**	E1	01 56 20.9	+05 37 41	Psc	3.2	12.3	219
N	200	HZ	100x	6m0	3-4			
N	317	WK	170x	5m5	3			
NGC	**736**	L	01 56 41.0	+33 02 38	Tri	2.0	13.2	92
N	250	SB	74x	5m3	3			
N	500	CF	147x	6m6	2-3			
N	317	WK	170x	6m0	3			
NGC	**738**	C	01 56 45.6	+33 03 30	Tri	0.40	15.9	92
N	317	WK	170x	5m6	5			
NGC	**740**	SBb	01 56 55.0	+33 00 54	Tri	1.6	14.9	92
N	317	WK	170x	5m6	5			
N	500	CF	147x	6m6	4			
UGC	**1425**		01 56.9	+05 47	Psc	1.7	14.6	174
N	317	WK	170x	5m5	4-5			
UGC	**1418**	S0	01 56.9	+40 21	And	1.7	14.5	61
N	317	WK	170x	5m8	3			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**750**	E	01 57 32.6	+33 12 33	Tri	1.6	13.0	92
S	203	PK	110x	4				
N	317	WK	170x	6m0	3			
N	318	DS	102x	5m9	3			
N	250	SB	74x	5m3	3			
N	317	TJ	89x	5m5	4			
N	500	CF	147x	6m6	2			
NGC	**751**	E/P	01 57 33.1	+33 12 07	Tri	1.3	13.6	92
S	203	PK	110x	4				
N	318	DS	102x	5m8	3-4			
N	317	WK	170x	6m0	3			
N	500	CF	147x	6m6	2-3			
NGC	**753**	Sc	01 57 42.4	+35 54 55	And	2.9	13.0	92
S	200	JL	6m0	5				
N	317	WK	214x	6m2	3			
N	200	KV	75x	6m5	3-4			
NGC	**761**	SBa-b	01 57 49.6	+33 22 33	Tri	1.6	14.5	92
N	317	WK	170x	6m0	4-5			
N	500	CF	147x	6m6	3-4			
NGC	**759**	E0	01 57 50.3	+36 20 33	And	1.80	13.8	92
N	317	WK	214x	6m2	3			
UGC	**1427**	S0	01 57.0	+06 03	Psc	1.1	14.7	174
N	317	WK	170x	5m5	5			
NGC	**768**	Sb	01 58 40.8	+00 31 42	Cet	1.70	14.1	219
N	317	WK	170x	5m8	3-4			
NGC	**770**	E3	01 59 13.5	+18 57 16	Ari	1.0	14.0	129
R	130	BF	89x	6m5	4			
N	317	WK	170x	6m0	3-4			
N	200	HZ	190x	6m3	5			
N	500	CF	147x	6m7	3			
NGC	**772**	Sb	01 59 19.5	+19 00 25	Ari	7.1	11.1	128
B	80	HZ	30x	6m3	4-5			
R	130	BF	56x	6m5	2			
N	150	MB	48x	4-5				
N	200	HZ	3					
S	200	PE	78x	5m3	3			
S	250	FB	96x	5m3	3			
S	280	PP	117x	5m0	2	s		
N	320	PI	144x	6m0	3			
R	100	CF	63x	6m2	2-3			
R	150	DS	80x	6m0	3			
N	150	WK	45x	6m0	3			
N	200	KV	48x	4m5	3			
M	228	GI	78x	4m8	4			
N	254	JM	98x	5m0	3			
N	317	WK	170x	6m0	2-3			
N	500	CF	147x	6m7	2			
NGC	**769**	S	01 59 35.8	+30 54 33	Tri	0.80	13.6	92
N	200	HZ	120x	6m3	4-5			
NGC	**779**	Sa-b	01 59 42.6	-05 57 53	Cet	4.1	11.9	264
N	200	HZ	3					
N	317	WK	170x	5m0	3			
S	200	PE	78x	5m5	4			
NGC	**776**	SBb	01 59 54.6	+23 38 37	Ari	1.7	13.3	129
N	500	CF	147x	6m7	3			
NGC	**781**	S	02 00 08.8	+12 39 18	Ari	1.50	14.1	174
N	317	WK	170x	5m5	4			
NGC	**777**	E2	02 00 14.8	+31 25 45	Tri	3.0	12.5	92
N	200	HZ	50x	6m2	4			
S	203	PK	110x	4				
C	300	MW	190x	5m6	3			
N	317	TJ	177x	5m5	3			
S	200	PE	78x	5m3	4			
N	254	RV	140x	5m3	4			
N	317	WK	170x	5m5	3			
N	318	DS	102x	5m9	4			
NGC	**778**	L	02 00 19.4	+31 18 45	Tri	1.1	14.2	92
N	200	HZ	120x	6m2	5			
N	318	DS	102x	5m9	3			
N	317	WK	170x	5m5	4-5			
NGC	**788**	Sa	02 01 06.4	-06 48 58	Cet	1.8	13.0	264
N	317	WK	170x	5m0	3			

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	783	Sc	02 01 06.6	+31 52 53	Tri	1.6	12.9	92
N 317 WK 170x 5m5 4								
NGC	784	Sdm	02 01 17.1	+28 50 15	Tri	6.2	12.1	92
N 200 HZ 100x 6m3 5								
N 317 WK 93x 5m5 4-5								
N 254 RV 140x 5m3 7								
NGC	785	L M	02 01 40.0	+31 49 34	Tri	1.5	13.8	92
N 317 WK 170x 5m5 4								
NGC	789	P	02 02 26.0	+32 04 18	Tri	0.6	14.2	92
N 317 WK 170x 5m5 4-5								
NGC	794	L	02 02 29.4	+18 22 20	Ari	1.3	13.8	129
N 317 WK 170x 6m2 3								
N 500 CF 147x 6m7 3								
UGC	1518		02 02.3	+19 04	Ari	1.7	16.0	129
N 317 WK 170x 6m2 5								
NGC	798	E	02 03 19.6	+32 04 37	Tri	1.2	14.6	92
N 317 WK 170x 5m5 5								
NGC	804	L	02 04 02.2	+30 49 55	Tri	1.4	14.7	92
N 317 WK 170x 5m5 4-5								
NGC	805	LB	02 04 29.5	+28 48 44	Tri	1.10	15.3	92
N 200 HZ 190x 6m3 6								
NGC	807	E	02 04 55.5	+28 59 14	Tri	1.80	13.5	92
N 200 HZ 120x 6m3 4-5								
N 317 WK 170x 5m3 4								
NGC	812	S/P	02 06 51.7	+44 34 19	And	2.9	12.4	62
N 200 HZ 100x 6m5 4-5								
UGC	1590	S0-E	02 06.1	+29 47	Tri	1.9	14.0	92
N 200 HZ 120x 6m5 4-5								
N 317 WK 170x 5m5 3								
UGC	1591	S	02 06.2	+29 58	Tri	1.5	14.5	92
N 317 WK 170x 5m5 4								
UGC	1596	S0	02 06.5	+29 59	Tri	1.3	14.8	92
N 317 WK 170x 5m5 4								
UGC	1617	E-S0	02 07.6	+02 06	Cet	1.1	15.1	219
N 317 WK 170x 5m5 4-5								
UGC	1620	E-S0	02 07.7	+02 08	Cet	1.1	15.1	219
N 317 WK 170x 5m5 4-5								
UGC	1624	S0	02 07.9	+02 09	Cet	1.4	15.2	219
N 317 WK 170x 5m5 4-5								
NGC	821	E2	02 08 21.0	+10 59 37	Ari	3.5	11.8	174
N 200 KV 120x 4m5 4								
S 200 PE 110x 5m3 4								
S 250 FB 96x 5m3 3								
N 317 TJ 230x 5m6 3-4								
N 200 GK 228x 5m6 3-4								
M 228 GI 148x 5m0 3-4								
N 317 WK 170x 5m6 3								
NGC	820	Sb	02 08 24.9	+14 20 57	Ari	1.40	13.7	174
N 317 WK 170x 5m5 3-4								
NGC	819	P	02 08 34.5	+29 14 03	Tri	0.60	14.3	92
N 200 HZ 190x 6m3 6								
NGC	829	S M	02 08 42.2	-07 47 27	Cet	1.10	14.4	264
N 317 WK 170x 6m2 3-4								
NGC	818	SBc	02 08 44.4	+38 46 36	And	3.2	13.2	92
N 203 KV 75x 6m5 7								
N 317 WK 170x 5m2 3-4								
IC	209	S	02 08 58.6	-07 03 35	Cet	1.10	13.9	264
N 317 WK 170x 6m2 3-4								
NGC	830	L	02 08 58.7	-07 46 05	Cet	1.40	15.0	264
N 317 WK 170x 6m2 3								
NGC	833	Sa/P	02 09 20.8	-10 08 00	Cet	1.9	13.7	264
N 317 WK 170x 5m2 3-4								
NGC	835	SBa-b/	02 09 24.6	-10 08 12	Cet	1.4	13.0	264
N 317 WK 170x 5m2 3								
IC	206	L	02 09 30.8	-06 58 10	Cet	1.10	13.1	264
N 317 WK 170x 6m2 4-5								
NGC	838	Im/P	02 09 38.4	-10 08 47	Cet	1.7	13.6	264
N 317 WK 170x 5m2 3-4								
NGC	839	L/P	02 09 42.9	-10 11 02	Cet	1.8	14.0	264
N 317 WK 170x 5m2 3-4								
NGC	832	E	02 09 50.5	+35 28 43	Tri		16.6	92
N 500 CF 147x 6m6 3								
NGC	842	S	02 09 50.7	-07 45 47	Cet	1.10	13.6	264
N 317 WK 170x 6m0 3								
PGC	8276	S	02 10 02.1	-07 37 25	Cet	0.6	15.1	264
N 317 WK 170x 6m2 5								
NGC	828	Sa/P	02 10 09.5	+39 11 26	And	3.2	13.1	92
N 203 KV 75x 6m5 7								
N 317 WK 170x 5m2 3-4								
NGC	834	S	02 11 01.2	+37 39 56	And	1.1	13.8	92
N 317 WK 170x 5m2 4								
NGC	841	SBa-b	02 11 17.4	+37 29 49	And	1.8	13.4	92
N 317 WK 170x 5m2 3-4								
PGC	8391		02 11 33.2	+13 54 59	Ari		15.1	174
N 317 WK 170x 5m8 4-5								
NGC	846	SBb	02 12 12.1	+44 34 03	And	1.90	13.1	62
N 200 HZ 120x 6m5 3-4								
NGC	845	Sb	02 12 19.7	+37 28 37	And	1.6	14.4	92
N 317 WK 170x 5m2 5								
NGC	860	E	02 15 00.1	+30 46 44	Tri	0.50	15.2	92
N 317 WK 170x 5m3 4								
NGC	864	Sc	02 15 27.5	+06 00 05	Cet	4.6	11.7	174
S 200 PE 110x 5m5 4								
NGC	861	Sb	02 15 51.1	+35 54 48	Tri	1.50	14.7	92
N 317 WK 170x 5m4 4-5								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**1735**	E	02 15.6	+35 31.4	Tri	1.3	13.0	92

N	317	WK	170x	5m4	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**871**	SBc	02 17 10.6	+14 32 49	Ari	1.10	14.1	174

N	317	WK	170x	5m8	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**877**	Sc	02 17 59.7	+14 32 36	Ari	2.3	12.6	174

N	317	WK	170x	5m8	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1793**	Sa-b	02 21 32.2	+32 32 37	Tri	1.20	14.8	93

N	317	WK	170x	5m8	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**1807**	Dwarf I	02 21.1	+42 47	And	2.5	16.5	62

N	250	SB	139x	6m5	6	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**890**	E4	02 22 01.0	+33 15 57	Tri	2.9	12.3	92

S	200	WK	145x	5m2	2		S	200	PE	78x	5m3	3	
S	200	DK	145x	5m2	2		N	200	HZ	50x	6m2	3-4	
S	203	PK	60x		4-5		N	254	RV	140x	5m3	5-6	
N	317	TJ	177x	5m5	3		N	318	DS	102x	5m5	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**9017**	C	02 22 18.4	+42 48 19	And		15.6	62

N	317	WK	170x	6m2	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**891**	Sb	02 22 33.0	+42 20 48	And	14	10.9	62

B	80	HZ	30x	6m8	4		R	90	SG	56x	6m3	4		
R	90	MM	40x	5m0	4		M	100	MC	50x	5m5	7		
R	102	DS	50x	5m2	3-4		N	110	CW	54x	5m2	7		
N	114	RS	22x	5m5	3		N	114	DK	56x	5m0	4		
N	140	RH	50x	6m5	5		M	150	PI	50x	5m0	7		
S	200	MC	50x	5m8	3-4		S	200	MS	68x	5m0	4-5		
N	200	DP	34x	4m5	3		M	228	GI	78x	6m2	3		
M	228	GI	78x	5m0	4		S	250	FB	78x	5m3	3		
N	250	SB	139x	6m3	3		N	254	JM	212x	5m0	4-5	f	
S	280	PP	117x	6m5	1	s	C	300	MW	112x	5m6	2-3	s	
N	317	WK	170x	5m8	2	s	N	430	AS	141x	6m1	2	s	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**1830**	SB0	02 22.6	+47 51	And	3.2	14.8	62

N	317	WK	170x	5m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**1832**	Sa	02 22.6	+43 04	And	1.6	15.4	62

S	254	TE	214x	6m6	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**908**	Sc	02 23 04.6	-21 14 02	Cet	5.9	10.9	309

B	80	HZ	30x	5m5	4		N	203	KV	75x	5m0	2-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**898**	Sb	02 23 20.2	+41 57 04	And	1.8	13.9	62

N	200	HZ	120x	6m2	4-5		N	250	SB	150x	6m5	4
N	317	WK	75x	6m0	3		N	400	DP	225x	6m0	4
N	400	CF	240x	6m4	2-3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**900**	L	02 23 32.1	+26 30 41	Ari	1.10	15.1	129

N	400	CF	141x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**1837**	SO	02 23.0	+43 01	And	1.2	15.2	62

N	250	SB	197x	6m5	3		S	254	TE	214x	6m6	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**1840**		02 23.1	+41 23	And	1.8	14.1	62

N	317	WK	312x	6m0	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**1841**	E	02 23.2	+43 00	And	3.0	15.0	62

N	250	SB	197x	6m5	3		S	254	TE	214x	6m6	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**904**	C	02 24 05.5	+27 20 33	Ari	1.20	15.1	130

N	400	CF	141x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**1855**	Sba	02 24.5	+40 53	And	1.5	15.1	62

N	317	WK	170x	6m0	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**1859**		02 24.8	+42 38	And	1.7	14.3	62

N	317	WK	170x	5m3	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**906**	SBa-b	02 25 16.2	+42 05 23	And	1.9	13.8	62

N	200	HZ	120x	6m5	5		N	317	WK	214x	5m8	5
N	400	DP	225x	6m0	4		N	400	CF	240x	6m4	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**909**	E	02 25 22.7	+42 02 08	And	0.9	14.7	62

N	200	HZ	120x	6m5	5		N	250	SB	150x	6m5	5
N	317	WK	214x	5m8	4		N	400	DP	225x	6m0	4
N	400	CF	240x	6m4	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**910**	L	02 25 26.8	+41 49 25	And	2.0	13.2	62

N	200	HZ	120x	6m5	4-5		N	250	SB	150x	6m5	3
N	317	WK	93x	6m0	3-4		N	400	DP	225x	6m0	4
N	400	CF	240x	6m4	2-3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**911**	E	02 25 42.4	+41 57 22	And	1.7	13.8	62

N	200	HZ	120x	6m5	5		N	250	SB	150x	6m5	4
N	317	WK	214x	5m8	4		N	400	DP	225x	6m0	4
N	400	CF	240x	6m4	2-3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**912**	C	02 25 42.7	+41 46 39	And	0.90	14.9	62

N	200	HZ	120x	6m5	5-6		N	250	SB	150x	6m5	3
N	400	CF	240x	6m4	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**913**	L	02 25 44.8	+41 47 55	And	0.50	15.8	62

N	400	CF	240x	6m4	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**915**	L	02 25 45.5	+27 13 16	Ari	0.70	15.6	130

N	400	CF	141x	6m0	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**916**	S	02 25 47.6	+27 14 33	Ari	0.90	15.6	130

N	400	CF	141x	6m0	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**918**	SBc	02 25 50.8	+18 29 43	Ari	3.50	13.1	130

N	317	WK	170x	5m6	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**914**	Sc	02 26 05.1	+42 08 39	And	1.9	13.7	62

N	200	HZ	120x	6m5	5		N	250	SB	150x	6m5	5
N	317	WK	170x	6m0	4		N	400	DP	225x	6m0	4-5
N	400	CF	240x	6m4	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**919**	Sa-b	02 26 16.6	+27 12 39	Ari	1.20	15.4	130

N	400	CF	141x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**228**	L	02 26 41.6	-14 30 59	Cet	0.40	14.5	265

N	317	WK	170x	5m5	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**924**	L	02 26 46.7	+20 29 48	Ari	2.30	13.5	130

N	317	WK	170x	5m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**925**	SBc	02 27 16.8	+33 34 42	Tri	9.8	10.6	93

B	50	CF	10x	6m4	4		S	200	MS	113x	5m0	4
S	200	DK	67x	5m2	3		N	200	KV	75x	5m0	3
N	200	HZ	50x	6m2	3		S	203	PK	60x		4
M	228	GI	78x	4m8	6		N	250	SB	100x	5m3	3
S	280	PP	117x	6m5	3	s	N	317	TJ	230x	5m5	4
N	318	DS	102x	5m5	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**923**	S	02 27 34.6	+41 58 39	And	0.8	14.5	62

N	200	HZ	120x	6m5	5		N	317	WK	93x	6m0	4
N	317	WK	170x	6m0	3-4		N	400	CF	240x	6m4	3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**9357**	S	02 27 36.7	+42 00 29	And	0.4	15.2	62

N	317	WK	312x	6m0	4-5	p	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**936**	SBa	02 27 37.5	-01 09 25	Cet	5.2	11.1	120

B	80	HZ	30x	6m2	4-5		S	200	PE	110x	5m5	3	
N	200	KV	75x	5m5	2-3		N	200	HZ	100x		3	
N	200	GK	91x	5m6	2		M	228	GI	148x	5m0	3	
S	250	FB	167x	5m0	3-4		S	280	PP	117x	5m0	2	s
N	400	CF	143x	5m6	1								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**930**	*	02 27 48.4	+20 20 45	Ari			130

N	317	WK	170x	5m8	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**931**	Sb	02 28 14.5	+31 18 38	Tri	3.90	14.3	93

N	317	WK	170x	5m5	5		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**941**	Sc	02 28 27.8	-01 09 06	Cet	2.8	12.9	220

N	200	HZ			4-5		N	400	CF	143x	5m6	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**938**	E	02 28 33.5	+20 17 00	Ari	1.60	13.5	130

N	317	WK	170x	5m8	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1799**	S	02 28 45.8	+45 58 14	And	1.1	14.7	62

N	317	WK	170x	6m0	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**933**	S	02 29 17.4	+45 54 41	And	1.3	15.1	62

N	317	WK	170x	6m0	4-5		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**940**	L	02 29 27.4	+31 38 27	Tri	1.20	13.5	93

N	317	WK	170x	5m8	3-4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**955**	Sa-b	02 30 33.1	-01 06 32	Cet	3.0	12.9	220

N	200	HZ	100x	5m8	3-4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**946**	C	02 30 38.4	+42 13 57	And	1.5	14.7	62

N	317	WK	170x	6m0	3-4		N	400	CF	240x	6m4	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**949**	S	02 30 48.8	+37 08 07	Tri	2.8	12.4	93

N	200	HZ	100x	6m2	3-4		S	203	PK	60x		4
N	318	DS	102x	5m5	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**232**	L	02 31 11.5	+01 15 56	Cet	1.40	15.1	220

N	200	HZ	120x	6m0	5		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**959**	Sm	02 32 24.0	+35 29 40	Tri	2.30	12.9	93

N	250	SB	139x	6m3	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**962**	C	02 32 39.9	+28 04 13	Ari	1.70	14.0	93

N	317	WK	170x	5m8	3		N	400	CF	141x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**9754**		02 33 39.0	+33 00 56	Tri		15.2	93

N	317	WK	170x	5m8	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**976**	Sb	02 33 59.9	+20 58 36	Ari	1.7	13.3	130

S	200	DK	145x	4m9	3		M	228	GI	124x	4m8	5
N	317	WK	170x	5m0	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2031**	S0	02 33.4	+20 16	Ari	1.2	15.5	130

N	317	WK	170x	5m8	5		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**969**	L	02 34 08.0	+32 56 45	Tri	1.70	13.3	93

N	317	WK	170x	5m8	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**972**	Sc	02 34 13.3	+29 18 35	Ari	3.6	12.1	93

S	200	PE	78x	5m3	3-4		N	200	HZ	100x		3-4
S	203	PK	60x		4		M	228	GI	148x	4m8	4
N	254	RV	140x	5m3	3-4		N	317	WK	170x	6m0	2-3
N	318	DS	102x	5m8	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1815**	LB	02 34 19.9	+32 25 46	Tri	1.7	14.3	93

N	317	WK	170x	5m8	4		N	320	PI	45x	6m0	3	O-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**973**	Sb	02 34 20.1	+32 30 18	Tri	3.7	13.6	93

N	317	WK	170x	5m8	4-5		N	609	SK	280x	6m2	3	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**974**	S	02 34 25.7	+32 57 16	Tri	2.40	14.8	93

N	317	WK	170x	5m8	3-4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**985**	RN1	02 34 37.8	-08 47 19	Cet	1.00	14.5	265

N	317	WK	170x	5m0	5		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**978A**	L M	02 34 47.0	+32 50 40	Tri	2.00	13.2	93

N	317	WK	170x	5m8	2-3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2051**	S0	02 34.1	+01 21	Cet	1.6	14.4	220

N	200	HZ	190x	6m2	6		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**982**	L	02 35 18.5	+40 55 35	And	1.70	14.1	62

N	317	WK	170x	6m0	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**980**	Sa	02 35 24.8	+40 52 08	And	1.50	13.4	62

N	317	WK	170x	6m0	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**991**	SBR	02 35 32.6	-07 09 20	Cet	3.00	12.4	265

S	200	PE	110x	5m3	4-5		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**9895**	C	02 36 23.8	+31 42 41	Tri	0.5	14.8	93

N	317	WK	170x	6m0	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**239**	SBa	02 36 27.9	+38 58 06	And	4.6	11.9	93

N	200	KV	66x	5m0	5	f	N	203	KV	48x	6m5	6-7
N	317	WK	75x	6m0	5							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Maf	**1**		02 36 35.3	+59 39 17	Cas	1.0	17.0	38

N	430	AS	203x	6m0	4		N	609	SK	280x	6m1	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**993**	L	02 36 46.0	+02 02 59	Cet	1.1	14.7	220

S	280	FD	93x	5m6	5		N	317	WK	170x	5m4	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**987**	SBa	02 36 49.5	+33 19 36	Tri	1.30	13.4	93

N	317	WK	170x	5m8	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UA	**34**	E3	02 36.3	+59 39	Per	0.6	11.4	38

S	200	DK	50x	5m0	4		N	500	CF	147x	6m7	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2083**	Sb-c	02 36.4	+32 43	Tri	1.7	15.0	93

N	317	WK	170x	5m8	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**992**	S	02 37 25.5	+21 05 59	Ari	0.8	14.9	130

S	200	DK	145x	4m9	4		N	317	WK	170x	5m8	4
N	400	CF	141x	6m0	3-4							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1004**	E	02 37 41.7	+01 58 30	Cet	1.8	13.8	220

S	280	FD	93x	5m6	4		N	317	WK	170x	5m4	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**241**	S	02 37 54.4	+02 19 38	Cet	1.40	14.4	220

N	317	WK	170x	5m4	4-5		

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1008**	E	02 37 55.2	+02 04 47	Cet	1.0	14.9	220

S	280	FD	93x	5m6	5	p		N	317	WK	170x	5m4	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1015**	SBa	02 38 11.6	-01 19 08	Cet	2.60	13.1	220

N	200	HZ	100x	5m8	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1009**	Sb	02 38 18.9	+02 18 34	Cet	1.40	15.3	220

N	317	WK	170x	5m4	4-5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1016**	E0	02 38 19.6	+02 07 07	Cet	2.5	12.6	220

S	280	FD	93x	5m6	4	f		N	317	WK	170x	5m4	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1019**	SBb	02 38 27.4	+01 54 27	Cet	1.0	14.4	220

S	280	FD	93x	5m6	5	p		N	317	WK	170x	5m4	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**995**	L	02 38 31.9	+41 31 42	And	1.70	14.5	62

N	317	WK	170x	6m2	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1022**	Sb	02 38 32.5	-06 40 41	Cet	2.5	12.1	265

S	200	PE	78x	5m5	4			N	200	HZ	100x	5m5	3		
S	280	PP	117x	5m0	3			N	317	WK	170x	5m4	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**996**	E	02 38 39.6	+41 38 48	And	1.4	14.1	62

N	317	WK	170x	6m0	3-4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1020**	L	02 38 44.3	+02 13 50	Cet	0.80	15.2	220

N	317	WK	170x	5m4	4-5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**999**	SBa	02 38 47.4	+41 40 14	And	0.9	15.2	62

N	317	WK	170x	6m0	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1021**	S	02 38 47.9	+02 13 00	Cet	0.70	15.1	220

N	317	WK	170x	5m4	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1000**	C	02 38 49.7	+41 27 35	And	0.80	15.3	62

N	317	WK	170x	6m2	4-5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1001**	S	02 39 12.6	+41 40 16	Per	0.7	14.9	62

N	317	WK	170x	6m0	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1003**	Sc	02 39 16.6	+40 52 20	Per	5.4	12.0	62

S	200	JL	100x	5m0	5			N	200	KV	200x	6m0	3-4		
N	200	HZ			3-4			M	228	GI	124x	4m9	6		
S	250	FB	96x	5m0	6			N	300	HT	150x	6m7	3		
N	317	WK	214x	6m0	3			N	318	DS	102x	5m5	3-4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1032**	Sa	02 39 23.6	+01 05 36	Cet	3.6	12.7	220

N	200	HZ			3			N	317	WK	170x	5m4	3		
N	400	CF	141x	6m2	2										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**244**	SBR	02 39 24.7	+02 43 37	Cet	1.40	15.3	220

N	317	WK	170x	5m4	4-5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1005**	C	02 39 27.6	+41 29 34	Per		14.6	62

N	317	WK	214x	6m0	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1035**	P	02 39 29.0	-08 07 59	Cet	2.20	13.3	265

N	200	HZ	100x	5m5	4			N	317	WK	93x	5m0	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1827**	Sa	02 39 46.4	+01 33 28	Cet	1.20	14.6	220

N	317	WK	170x	5m4	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1030**	S/P	02 39 50.5	+18 01 24	Ari	1.60	14.3	130

N	317	WK	170x	6m0	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1038**	Sa	02 40 06.3	+01 30 32	Cet	1.2	14.4	220

N	317	WK	170x	5m4	3-4			N	400	CF	141x	6m2	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1042**	Sc	02 40 23.9	-08 26 05	Cet	4.7	11.5	265

N	200	HZ	100x	5m5	4-5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1023**	E7/P	02 40 24.1	+39 03 46	Per	8.7	10.5	62

R	75	AT	14x	5m6	7			B	80	HZ	30x	6m8	4		
R	90	SG	38x	6m3	4			R	102	DS	33x	5m5	4		
N	110	CW	54x	5m2	3-4			N	114	SB	63x	4m7	3		
N	114	DK	83x	5m0	3			N	114	RS	56x	5m5	2-3		
N	150	WK	100x	4m0	3			M	150	PI	83x	5m0	2		
N	200	XY	45x	5m0	3			N	200	KV	75x	4m5	3	s	
S	200	JL	100x	4m0	3			N	200	HZ			3		
S	203	PK	60x		3			M	228	GI	78x	5m0	1		
S	250	FB	167x	5m0	2			N	254	JM	181x	4m5	2-3		
N	300	HT	150x	6m7	1	s		C	300	MW	190x	5m8	2		
N	318	DS	153x	5m5	2			N	318	DS	102x	5m5	2		
N	320	PI	144x	6m0	1			N	400	AT	100x	5m0	3		
N	400	CF	143x	6m6	1	s									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1047**	Sa	02 40 32.8	-08 08 52	Cet	1.30	15.1	265

N	317	WK	170x	5m0	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1043**	L	02 40 46.5	+01 20 33	Cet	0.90	15.8	220

N	317	WK	170x	5m4	4-5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1052**	E2	02 41 04.6	-08 15 19	Cet	2.9	11.4	265

N	200	HZ	120x	5m5	3			N	317	WK	93x	5m0	2-3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1055**	Sb	02 41 45.3	+00 26 32	Cet	7.6	11.4	220

B	80	HZ	30x	6m2	5			N	150	MB	48x		7		
R	150	DS	80x	5m0	4			N	200	KV	48x	5m0	3		
N	200	HZ			3			S	203	PK	60x		3		
S	280	FD	147x	5m6	3	s		N	317	WK	170x	6m0	3		
N	318	DS	102x	5m2	3-4			N	500	CF	147x	6m7	1-2		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
Maf	**2**		02 41 54.9	+59 36 14	Cas	1.3	16.0	38

N	609	SK	280x	6m1	6										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UA	**39**	SAB	02 41.9	+59 36	Cas	1	13.5	38

N	500	CF	147x	6m8	7										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1050**	SBa	02 42 35.6	+34 45 49	Per	1.40	13.5	93

N	317	WK	170x	5m6	3-4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2180**	S	02 42 40.2	+39 32 01	Per	1.0	14.7	62

N	317	WK	170x	5m5	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1056**	Sa	02 42 48.4	+28 34 26	Ari	2.40	13.4	93

N	400	CF	141x	6m0	2-3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**77**	Sb p	02 42.7	-00 01	Cet	6.9	8.8	220

B	50	TJ	7x	6m0	3			B	50	KH	10x	5m9	5		
R	102	DS	67x	5m5	2-3			N	114	SB	125x	5m1	3		
N	114	RS	90x	5m5	2-3			N	114	DK	25x	4m7	2		
S	125	FB	83x	5m5	3			R	150	DS	80x	5m0	2		
N	150	MB	130x		1			S	200	HL	77x		3		
N	200	GK	119x	5m6	2			N	200	DP	102x	5m0	3		
S	203	PK	60x		2			M	228	GI	148x	6m3	1		
M	228	GI	124x	4m7	2			S	250	FB	167x	5m8	2	s	
N	250	SB	221x	5m6	2			S	280	FD	224x	5m3	1	s	
N	317	WK	170x	5m8	1-2	s		N	317	WK	170x	6m0	1-2		
N	318	DS	102x	5m2	1-2			N	320	PI	144x	6m0	1		
N	500	CF	147x	6m7	1	s									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1053**	L	02 43 12.5	+41 29 59	Per	1.7	13.9	62

N	317	WK	214x	6m0	4										

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1060**	L	02 43 15.0	+32 25 27	Tri	2.30	13.0	93

N	254	RV	140x	5m3	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1058**	Sc	02 43 29.9	+37 20 27	Per	3.0	11.9	93

S	200	JL	64x	5m0	4	N	200	HZ	100x	6m2	3-4
S	203	PK	60x		4	S	250	FB	96x	5m0	6
N	254	RV	140x	5m3	4	N	317	WK	93x	5m5	3
N	318	DS	102x	5m5	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1072**	SBb	02 43 31.3	+00 18 23	Cet	1.4	14.2	220

N	200	HZ	120x	5m7	5	N	317	WK	170x	5m8	4
N	500	CF	147x	6m7	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1073**	SBc	02 43 40.3	+01 22 32	Cet	4.9	11.5	220

B	80	HZ	30x	6m2	5	N	200	KV	48x	5m5	3
N	200	HZ			4	S	200	PE	78x	5m5	5
N	317	WK	93x	5m8	3-4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1084**	Sc	02 45 59.7	-07 34 42	Eri	2.9	11.3	265

N	200	HZ	40x		2-3	S	200	PE	78x	5m5	3
M	228	GI	78x	4m8	7	M	228	GI	124x	5m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1077**	Sb	02 46 00.6	+40 05 22	Per	1.10	14.5	62

N	317	WK	170x	6m0	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1097**	SBb	02 46 19.5	-30 16 34	For	9.3	10.3	354

B	80	HZ	30x	5m3	4-5	N	200	HZ	40x	5m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1087**	Sc	02 46 25.2	-00 29 59	Cet	3.5	11.5	220

B	80	HZ	30x	6m2	4-5	N	200	KV	48x	5m5	3
N	200	HZ	80x		3	N	200	GK	57x	5m6	3
M	228	GI	148x	5m0	5	S	250	FB	96x	5m0	6
N	317	WK	93x	5m8	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1090**	SBb	02 46 34.0	-00 14 54	Cet	3.8	12.6	220

N	200	HZ	80x		3	N	317	WK	93x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1094**	SBa-b	02 47 27.8	-00 17 09	Cet	1.2	13.5	220

N	200	HZ	100x	5m7	4-5	N	317	WK	93x	5m8	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1086**	Sc	02 47 56.2	+41 14 46	Per	1.6	13.6	62

N	317	WK	170x	5m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**10589**		02 47 57.2	+37 34 09	Per	0.3	15.9	93

N	250	SB	197x	6m3	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2259**	SB	02 47.9	+37 32	Per	2.8	14.3	93

N	250	SB	300x	6m3	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**258**	L	02 49 40.8	+41 03 18	Per	1.80	15.3	63

N	317	WK	312x	5m5	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**259**	LB	02 49 45.9	+41 03 05	Per	1.80	15.1	63

N	317	WK	312x	5m5	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**257**	NF	02 49 54.0	+46 59 00	Per	1.70		63

N	317	WK	170x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1106**	L	02 50 40.5	+41 40 18	Per	1.80	13.5	63

N	317	WK	170x	5m5	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**260**	C	02 51 00.9	+46 57 16	Per	1.70	14.8	63

N	317	WK	170x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**262**	LB	02 51 43.2	+42 49 40	Per	2.70	14.4	63

N	317	WK	170x	6m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1140**	P	02 54 33.5	-10 01 43	Eri	1.9	12.8	266

S	280	FD	140x	6m3	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1143**	R	02 55 09.7	-00 10 43	Cet	0.90	14.1	220

N	317	WK	170x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1144**	R	02 55 12.2	-00 11 04	Cet	0.90	13.8	220

N	317	WK	170x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1138**	LB	02 56 36.3	+43 02 48	Per	1.10	14.0	63

N	317	WK	170x	6m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1149**	L	02 57 23.8	-00 18 34	Cet	0.60	15.2	221

N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1156**	IB	02 59 42.1	+25 14 12	Ari	3.1	12.3	131

N	200	KV			4	N	200	HZ	80x	6m2	3-4
S	200	PE	78x	5m5	4	N	317	WK	170x	5m8	3-4
N	317	TJ	177x	5m5	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2456**	SB0	02 59.9	+36 49	Per	2.0	13.8	93

N	317	WK	170x	5m3	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1159**	L	03 00 46.4	+43 09 44	Per	0.50	14.4	63

N	317	WK	170x	5m5	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**275**	C M	03 00 55.7	+44 20 59	Per	0.50	17.3	63

N	317	WK	170x	5m3	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1160**	Sc	03 01 13.2	+44 57 18	Per	1.4	13.5	63

N	200	HZ	120x	6m5	4-5	N	317	WK	170x	5m6	3-4
N	368	RV	230x	5m0	4-5						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1161**	L	03 01 14.1	+44 53 49	Per	2.8	12.1	63

S	200	PE	78x	5m3	3	N	200	HZ	120x	6m5	3
N	200	GK	170x	5m6	4	S	250	FB	167x	5m0	3
N	317	WK	312x	5m6	3	N	368	RV	230x	5m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**278**	C	03 01 30.4	+37 45 57	Per	1.20	14.3	94

N	317	WK	170x	5m3	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1172**	E1	03 01 36.0	-14 50 14	Eri	2.2	12.7	266

S	280	FD	140x	6m3	7

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1164**	SBa	03 01 59.8	+42 35 06	Per	1.30	14.9	63

N	317	WK	170x	5m4	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2470**	Sa	03 01.0	+43 02	Per	1.4	14.7	63

N	317	WK	170x	5m5	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1187**	SBc	03 02 37.6	-22 52 04	Eri	5.60	11.3	311

S	200	PE	110x	5m0	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2495**	S0	03 02.2	+41 37	Per	1.3	14.9	63

N	317	WK	170x	5m5	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2500**	Sba	03 02.8	+41 38	Per	1.6	15.4	63

N	317	WK	170x	5m5	4

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1169**	SBa-b	03 03 34.8	+46 23 09	Per	4.4	12.4	63

R	130	BF	56x	6m8	3-4		S	200	JL	100x	5m0	4
N	200	XY	95x	5m0	4-5		N	200	HZ		6m5	4
N	318	DS	102x	5m6	3		N	368	RV	230x	5m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1199**	E2	03 03 38.4	-15 36 50	Eri	2.2	12.4	266

S	200	PE	78x	5m5	4		S	280	FD	140x	6m3	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1171**	Sc	03 03 58.9	+43 23 50	Per	2.70	13.4	63

N	317	WK	170x	6m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1175**	S	03 04 32.3	+42 20 23	Per	2.1	13.8	63

N	200	HZ	120x	6m5	4-5		N	317	WK	170x	5m8	3
N	318	DS	102x	5m5	5							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1177**	S	03 04 37.2	+42 21 44	Per	0.40	15.7	63

N	317	WK	170x	5m5	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1186**	SBb-c	03 05 30.9	+42 50 06	Per	3.20	12.5	63

N	317	WK	170x	5m4	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1209**	E5	03 06 02.9	-15 36 42	Eri	2.1	12.4	266

S	200	PE	78x	5m5	4		S	280	FD	140x	6m3	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**284**	Sm	03 06 09.9	+42 22 16	Per	4.6	12.6	63

N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**11646**	C	03 06 11.5	+42 22 34	Per		17.5	63

N	317	WK	170x	5m5	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1198**	L	03 06 13.3	+41 50 54	Per	2.5	13.8	63

N	200	HZ	120x	6m2	4-5		N	317	WK	170x	5m8	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**11669**		03 06 52.0	+42 31 23	Per	1.09	15.6	63

N	317	WK	170x	5m5	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2528**	S0-a	03 06.0	+41 37	Per	1.8	14.8	63

N	317	WK	170x	5m5	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1883**	S0-a	03 09 42.3	+40 53 33	Per	1.40	15.5	63

N	317	WK	170x	5m6	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1232**	Sc	03 09 45.3	-20 34 47	Eri	5.0	10.5	311

S	200	PE	78x	5m5	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2559**	S0	03 09.3	+42 58	Per	1.6	14.5	63

N	317	WK	170x	5m5	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**293**	E	03 10 56.1	+41 08 14	Per	1.40	15.3	63

N	317	WK	170x	5m6	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1224**	L	03 11 13.5	+41 21 46	Per	1.40	15.0	63

N	317	WK	170x	5m6	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1233**	Sb	03 12 33.1	+39 19 07	Per	2.1	13.9	63

N	317	WK	170x	6m0	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**12004**		03 13 28.7	+41 04 30	Per	0.95	15.0	63

N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**12028**	C	03 13 53.2	+41 15 10	Per		17.3	63

N	317	WK	312x	6m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**301**	E	03 14 47.7	+42 13 21	Per		14.7	63

N	317	WK	170x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2598**	S0	03 14.1	+41 17	Per	1.5	15.1	63

N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1250**	L	03 15 21.0	+41 21 18	Per	2.10	14.0	63

N	317	WK	170x	5m0	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**309**	L	03 16 06.2	+40 48 15	Per	1.40	14.8	63

N	317	WK	170x	5m8	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1257**	Sa	03 16 26.0	+41 31 47	Per	1.30	14.8	63

N	317	WK	312x	6m2	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**310**	L	03 16 43.0	+41 19 27	Per	1.6	14.0	63

N	317	WK	214x	5m5	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2665**	Sc?	03 16.2	+41 27	Per	1.1	15.5	63

N	500	CF	147x	6m8	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1291**	SBa	03 17 18.3	-41 06 28	Eri	10.30	9.7	390

N	255	SK	58x	6m0	2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1260**	L	03 17 27.2	+41 24 17	Per	1.3	14.2	63

N	200	HZ	120x	6m8	4-5		N	317	WK	214x	6m0	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1264**	SBa-b	03 17 59.5	+41 31 11	Per	1.1	15.4	63

N	317	WK	170x	6m0	4-5		N	500	CF	147x	6m8	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**312**	E	03 18 08.4	+41 45 14	Per		14.8	63

N	317	WK	312x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1265**	L	03 18 15.8	+41 51 26	Per	1.80	13.2	63

N	317	WK	170x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1267**	L	03 18 44.8	+41 28 01	Per	1.1	14.1	63

N	200	HZ	120x	6m8	4-5		N	317	WK	214x	6m0	4
N	368	RV	230x	5m6	3-4		N	406	DB	80x	6m5	4
N	500	CF	147x	6m8	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1268**	Sb	03 18 45.2	+41 29 19	Per	1.0	14.6	63

N	200	HZ	120x	6m8	5		N	317	WK	214x	6m0	4-5
N	368	RV	230x	5m6	4		N	406	DB	80x	6m5	4-5
N	500	CF	147x	6m8	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1270**	E2	03 18 58.1	+41 28 11	Per	1.1	14.3	63

N	317	WK	214x	6m0	3-4		N	317	TJ	177x	6m0	3
N	318	DS	102x	5m9	3-4		N	368	RV	230x	5m6	3-4
N	406	DB	80x	6m5	5		N	500	CF	147x	6m8	2-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**12295**		03 18.3	+41 24	Per		15.3	63

N	500	CF	250x	6m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**12316**		03 18.5	+44 28	Per		15.7	63

N	500	CF	250x	6m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1271**	LB	03 19 11.2	+41 21 11	Per		15.2	63

N	317	WK	214x	5m5	5		N	406	DB	214x	6m5	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1297**	E2	03 19 14.0	-19 06 02	Eri	2.2	12.8	311

S	280	FD	140x	6m3	5								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	1272	L	03 19 21.3	+41 29 24	Per	2.2	13.0	63
N	200 HZ 100x 6m5 3			S 200 PE 110x 5m5 5				
N	317 WK 170x 5m5 3-4			N 368 RV 230x 5m6 3				
N	406 DB 80x 6m5 3-4			N 500 CF 147x 6m8 3				
NGC	1273	L	03 19 26.8	+41 32 22	Per	1.4	14.3	63
N	200 HZ 120x 6m5 5			N 317 WK 170x 5m5 4				
N	368 RV 230x 5m6 3-4			N 406 DB 80x 6m5 4				
N	500 CF 147x 6m8 3							
IC	1907	E	03 19 34.2	+41 34 50	Per	0.2	15.0	63
N	317 WK 312x 5m8 5			N 500 CF 147x 6m8 3-4				
NGC	1274	E3	03 19 40.6	+41 32 56	Per	0.5	15.1	63
N	200 HZ 190x 6m8 5-6			N 317 WK 170x 5m5 5				
N	500 CF 147x 6m8 3							
NGC	1300	SBb	03 19 40.7	-19 24 43	Eri	5.5	11.1	311
S	200 PE 78x 5m5 5			M 228 GI 78x 4m8 6				
S	280 FD 140x 6m3 5							
NGC	1275	P	03 19 48.1	+41 30 39	Per	2.6	12.7	63
N	200 KV 200x 6m5 3			N 200 HZ 100x 6m5 3				
S	250 FB 167x 5m5 3			N 254 DB 86x 5m5 4				
S	280 PP 117x 6m5 2			N 317 WK 170x 5m5 3				
N	318 DS 102x 5m5 3-4			N 368 RV 80x 5m6 2-3				
N	406 DB 80x 6m5 3			N 500 CF 147x 6m8 2				
NGC	1302	SBa	03 19 51.1	-26 03 40	For	4.10	11.6	311
N	200 HZ 100x 4m7 3							
NGC	1277	L/P	03 19 51.4	+41 34 25	Per	0.8	14.7	63
N	200 HZ 120x 6m8 5			N 317 WK 170x 5m5 5				
N	368 RV 230x 5m6 4			N 406 DB 80x 6m5 4				
N	500 CF 147x 6m8 3							
NGC	1278	E2/P	03 19 54.1	+41 33 47	Per	1.7	13.6	63
N	200 KV 120x 6m5 4			N 200 HZ 100x 6m5 4				
S	200 PE 110x 5m5 4 p			N 317 WK 170x 5m5 4				
N	368 RV 230x 5m6 3-4			N 500 CF 147x 6m8 3				
NGC	1281	E5	03 20 06.3	+41 37 45	Per	0.7	14.8	63
N	200 HZ 120x 6m8 5			N 317 WK 312x 6m2 5				
N	500 CF 147x 6m8 3							
NGC	1282	E1	03 20 12.0	+41 21 59	Per	1.7	13.7	63
N	200 KV 120x 6m5 4-5			N 200 HZ 120x 6m8 4-5				
N	317 WK 214x 5m5 4-5			N 368 RV 230x 5m6 3-4				
N	500 CF 147x 6m8 3							
NGC	1283	E1	03 20 15.5	+41 23 53	Per	0.9	14.8	63
N	200 HZ 120x 6m8 5			N 317 WK 170x 5m8 5				
N	500 CF 147x 6m8 3							
PGC	12556		03 20 57.2	+41 30 23	Per		16.06	63
N	317 WK 312x 5m3 4-5							
IC	313	E	03 20 57.9	+41 53 37	Per	2.70	15.1	63
N	317 WK 170x 6m0 4-5							
PGC	12562		03 21 00.2	+41 33 46	Per	0.88	15.2	63
N	317 WK 312x 5m3 4-5							
IC	316	S M	03 21 19.9	+41 55 41	Per	2.70	15.0	63
N	317 WK 170x 6m0 4							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	12580		03 21 20.8	+41 27 36	Per		15.1	63
N	317 WK 312x 5m3 4-5							
PGC	12596		03 21 34.3	+41 30 21	Per	1.08	15.6	63
N	317 WK 312x 5m3 4-5							
NGC	1293	E0	03 21 36.4	+41 23 34	Per	0.90	15.1	63
N	317 WK 170x 5m8 4-5							
NGC	1294	L	03 21 40.0	+41 21 36	Per	1.8	14.4	63
N	317 WK 170x 5m8 5							
NGC	1309	Sc	03 22 06.3	-15 24 02	Eri	1.7	12.0	266
S	200 PE 110x 5m0 3-4			S 280 FD 140x 6m3 2-3				
NGC	1316	LB/P	03 22 41.4	-37 12 30	For	12.80	9.3	355
N	200 HZ 80x 4m7 3							
PGC	12652		03 22 43.9	-02 01 21	Eri	0.4	15.7	221
N	317 WK 170x 5m0 4-5							
NGC	1317	SBa	03 22 44.2	-37 06 14	For	2.80	12.0	355
N	200 HZ 80x 4m7 6							
NGC	1326	LB	03 23 56.4	-36 27 53	For	4.30	11.5	355
N	200 HZ 80x 4m7 4-5							
NGC	1332	E7	03 26 17.0	-21 20 06	Eri	5.0	11.3	311
S	200 PE 78x 5m5 3			N 200 HZ 40x 5m0 3				
UGC	2733	E	03 26.1	+41 16	Per	1.2	15.3	63
N	317 WK 170x 6m0 4							
NGC	1330	S	03 29 11.8	+41 23 17	Per	0.70	15.5	63
N	317 WK 170x 6m0 4-5							
NGC	1334	S/P	03 30 01.7	+41 49 55	Per	1.50	14.6	63
N	317 WK 170x 6m0 4							
NGC	1346	S	03 30 13.2	-05 32 37	Eri	1.00	14.4	267
N	317 WK 170x 5m4 3							
NGC	1335	L	03 30 19.4	+41 34 22	Per	1.10	15.4	63
N	317 WK 170x 6m0 4-5							
NGC	1351	L	03 30 34.9	-34 51 14	For	3.40	12.5	355
N	200 HZ 80x 4m7 6							
NGC	1350	SBa-b	03 31 07.9	-33 37 40	For	5.40	11.2	355
N	200 HZ 80x 4m7 4							
UGC	2771	S0	03 31.4	+39 45	Per	2.2	15.4	63
N	317 WK 170x 5m8 5							
NGC	1357	S R	03 33 17.1	-13 39 54	Eri	3.6	12.4	267
S	280 FD 140x 6m3 4							
NGC	1355	L	03 33 23.5	-04 59 56	Eri	1.8	14.2	222
N	317 WK 170x 5m4 3-4							
NGC	1365	SBb	03 33 36.7	-36 08 29	For	9.8	10.3	355
R	130 BF 89x 6m0 2			N 200 HZ 100x 5m2 4				
N	255 SK 200x 6m1 2 s							

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1359**	SB/P	03 33 47.8	-19 29 29	Eri	2.5	12.6	312
S 280 FD 140x 6m3 5								
NGC	**1361**	E	03 34 17.7	-06 15 54	Eri	1.60	15.1	267
N 317 WK 170x 5m4 4-5								
NGC	**1373**	E	03 34 59.1	-35 10 18	For	1.20	13.4	355
R 130 BF 89x 6m0 5								
UGC	**2784**	S0	03 34.3	+39 33	Per	1.6	14.3	63
N 317 WK 170x 5m8 4								
UGC	**2783**	E	03 34.3	+39 22	Per	1.6	14.2	63
N 317 WK 170x 5m8 3								
NGC	**1371**	SBa	03 35 01.2	-24 56 02	For	4.6	11.6	312
N 200 HZ 100x 5m0 3				N 203 KV 120x 5m0 2				
NGC	**1374**	E0	03 35 16.6	-35 13 35	For	2.70	12.0	355
R 130 BF 89x 6m0 3				N 200 HZ 80x 4m7 5				
NGC	**1375**	LB	03 35 16.8	-35 15 59	For	2.30	13.2	355
R 130 BF 89x 6m0 4								
NGC	**1379**	E0	03 36 03.8	-35 26 29	For	2.6	11.7	356
R 130 BF 89x 6m0 2				N 200 HZ 100x 5m2 5				
NGC	**1380**	LB	03 36 27.5	-34 58 33	For	4.8	10.9	355
R 130 BF 89x 6m0 1				N 200 HZ 40x 5m2 4				
NGC	**1381**	L	03 36 31.8	-35 17 45	For	2.60	12.5	355
R 130 BF 89x 6m0 2								
NGC	**1386**	Sa	03 36 46.3	-35 59 58	Eri	3.40	12.1	355
R 130 BF 89x 6m0 3				N 200 HZ 80x 4m7 5				
NGC	**1380 A**	Sa-b	03 36 47.4	-34 44 25	For	2.40	13.3	355
R 130 BF 89x 6m0 4								
NGC	**1387**	E0	03 36 57.2	-35 30 23	For	3.20	11.8	355
R 130 BF 89x 6m0 2								
NGC	**1376**	Sc	03 37 06.0	-05 02 36	Eri	2.10	12.8	222
N 317 WK 170x 5m4 3								
NGC	**1382**	LB M	03 37 09.0	-35 11 46	For	1.50	13.0	355
R 130 BF 89x 6m0 5-6								
NGC	**1389**	E4	03 37 11.7	-35 44 46	Eri	2.50	12.4	355
R 130 BF 89x 6m0 3								
NGC	**1385**	Sc	03 37 28.6	-24 30 12	For	3.60	11.6	312
N 200 HZ 80x 5m0 3								
NGC	**1399**	E1/P	03 38 28.9	-35 27 01	For	3.2	10.4	356
R 130 BF 89x 6m0 1				N 200 HZ 80x 5m2 3				
N 255 SK 58x 6m0 2								
NGC	**1395**	E3	03 38 29.6	-23 01 40	Eri	6.60	10.8	312
N 200 HZ 40x 5m0 3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1404**	E1	03 38 51.7	-35 35 36	Eri	2.5	11.0	356
R 130 BF 89x 6m0 1				N 200 HZ 80x 5m2 3				
N 255 SK 58x 6m0 2								
NGC	**1398**	SBa-b	03 38 52.0	-26 20 16	For	7.1	10.6	312
N 200 HZ 40x 5m0 3				N 203 KV 120x 5m0 2				
N 255 SK 200x 6m4 2								
NGC	**1400**	E1	03 39 30.7	-18 41 19	Eri	2.8	11.9	312
S 200 PE 110x 5m5 4				N 200 GK 91x 5m6 4				
S 280 FD 140x 6m3 3								
NGC	**1397**	SBR	03 39 47.2	-04 40 13	Eri	1.70	14.5	222
N 317 WK 170x 5m4 4								
NGC	**1407**	E0	03 40 11.8	-18 34 51	Eri	6.0	10.7	312
N 200 PE 110x 5m5 3				N 200 GK 91x 5m6 3				
S 280 FD 140x 6m3 3-4								
NGC	**1410**	E1/P	03 41 10.8	-01 17 57	Tau	0.80	14.5	222
N 320 PI 45x 6m0 2								
NGC	**1417**	Sb	03 41 57.2	-04 42 21	Eri	2.8	12.8	222
N 317 TJ 177x 5m0 3				N 317 WK 170x 5m4 3				
NGC	**1418**	SBb	03 42 16.2	-04 43 56	Eri	1.00	14.3	222
N 317 WK 170x 5m4 4-5								
NGC	**1427**	E3	03 42 19.2	-35 23 36	For	3.4	11.8	355
R 130 BF 89x 6m0 3				N 200 HZ 80x 5m2 4				
NGC	**1428**	LB	03 42 22.9	-35 09 16	For	1.60	13.8	355
R 130 BF 89x 6m0 5-6								
PGC	**13618**	S	03 42 28.4	+38 58 04	Per	0.83	15.3	95
N 317 WK 170x 6m0 4-5								
NGC	**1421**	Sb-c	03 42 29.4	-13 29 18	Eri	3.6	12.0	267
S 200 PE 78x 5m5 4				S 280 FD 140x 6m3 4				
UGC	**2828**	SBb	03 42.4	+39 15	Per	1.5	15.3	64
N 317 WK 170x 6m0 4-5								
NGC	**1424**	SBb	03 43 14.0	-04 43 51	Eri	1.60	14.3	222
N 317 WK 170x 5m4 4-5								
NGC	**1437**	Sc	03 43 37.1	-35 51 17	Eri	3.10	11.8	355
R 130 BF 89x 6m0 5								
NGC	**1440**	SBa	03 45 02.9	-18 16 01	Eri	2.3	12.6	312
N 200 GK 91x 5m6 4				S 280 FD 140x 6m3 4-5				
IC	**334**	I/P	03 45 17.1	+76 38 13	Cam	5.5	12.5	5
N 200 KV 120x 6m0 3 f				S 200 PE 78x 5m3 4 f				
NGC	**1438**	SB	03 45 17.1	-23 00 10	Eri	2	13.2	312
R 130 BF 89x 6m4 4								
NGC	**1452**	SBa	03 45 22.3	-18 38 01	Eri	2.5	12.8	311
N 200 GK 91x 5m6 5				S 280 FD 140x 6m3 4-5				
NGC	**1441**	SBb	03 45 43.0	-04 05 32	Eri	1.5	13.9	222
N 317 WK 93x 5m0 4								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1449**	L	03 46 03.0	-04 08 19	Eri	1.1	14.5	222

N	317	WK	93x	5m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1451**	L	03 46 07.1	-04 04 11	Eri	0.7	14.4	222

N	317	WK	93x	5m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1453**	E2	03 46 27.2	-03 58 10	Eri	2.1	12.6	222

S	200	PE	78x	5m5	4	N	317	TJ	177x	5m0	3
N	317	WK	93x	5m0	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**342**	SBc	03 46 48.4	+68 05 42	Cam	17	9.1	18

N	150	MB	28x	7	N	250	SB	50x	6m5	4		
N	254	RV	140x	5m3	7	S	254	DS	125x	5m6	4	
N	317	TJ	66x	5m0	3-5	N	318	DS	102x	5m5	3-5	
N	400	DP	82x	5m5	4	N	500	CF	71x	6m6	2-3	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1461**	Sa	03 48 27.1	-16 23 36	Eri	2.3	12.8	311

S	280	FD	140x	6m3	7

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**2836**	SBb	03 48.3	+41 55	Per	1.3	16.0	64

N	317	WK	170x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1465**	L	03 53 31.9	+32 29 32	Per	1.70	14.7	95

S	254	DS	167x	5m5	5	N	318	DS	153x	5m9	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1469**	L	04 00 27.8	+68 34 37	Cam	1.90	14.2	18

N	317	WK	170x	5m5	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**357**	SBb	04 03 43.9	+22 09 33	Tau	1.10	15.5	133

N	317	WK	170x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1507**	SBm	04 04 27.2	-02 11 21	Eri	3.4	12.9	223

N	317	TJ	177x	4m5	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1485**	Sb	04 05 03.4	+70 59 46	Cam	2.2	13.6	18

R	130	BF	89x	6m2	4-5	N	317	WK	170x	6m0	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**356**	Sb/P	04 07 46.3	+69 48 41	Cam	5.2	11.4	18

S	200	PE	78x	5m5	4	N	200	GK	119x	5m6	3
N	203	KV	75x	6m5	3	N	254	RV	140x	5m3	5
N	317	WK	170x	6m0	3	N	317	TJ	89x	5m6	3
N	320	PI	144x	6m0	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1531**	E6	04 11 59.1	-32 51 05	Eri	1.20	12.7	356

N	155	SK	126x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1532**	Sb	04 12 03.8	-32 52 25	Eri	12.90	10.6	356

N	155	SK	126x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1550**	L	04 19 38.1	+02 24 32	Tau	2.20	13.1	223

N	317	WK	170x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1552**	L	04 20 17.6	-00 41 35	Eri	1.80	14.0	223

N	317	WK	170x	5m0	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1587**	E1/P	04 30 40.0	+00 39 43	Tau	1.8	12.7	224

N	200	GK	119x	5m6	3	S	200	PE	110x	5m5	4
S	280	FD	140x	5m6	3	N	317	WK	170x	5m4	3
N	317	TJ	230x	5m5	4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**373**	L	04 30 42.7	-04 52 13	Eri	0.40	15.0	223

N	317	WK	170x	5m2	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1588**	E1/P	04 30 43.7	+00 39 53	Tau	1.8	14.2	224

S	200	PE	110x	5m5	5	S	280	FD	318x	5m6	4
N	317	WK	170x	5m4	3-4	N	317	TJ	230x	5m5	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1589**	Sa-b	04 30 45.4	+00 51 46	Tau	3.1	12.8	224

S	200	PE	110x	5m5	5	S	280	FD	140x	5m6	3	f
N	317	WK	170x	5m4	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1569**	I/P	04 30 49.1	+64 50 51	Cam	2.9	11.8	19

N	200	KV	170x	5m5	3	N	200	GK	91x	5m6	3
S	200	PE	78x	5m5	3	N	200	HR	128x	5m3	4	f

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1590**	P	04 31 10.2	+07 37 49	Tau	0.90	14.5	178

N	317	WK	93x	5m0	4	N	400	CF	240x	6m1	2-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1599**	Sb-c	04 31 38.8	-04 35 21	Eri	0.90	14.1	223

N	317	WK	170x	5m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1600**	E2	04 31 39.9	-05 05 16	Eri	2.5	12.0	224

N	200	GK	119x	5m6	3-4	S	200	PE	110x	5m0	4
S	280	FD	318x	5m6	2	N	317	TJ	177x	4m5	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1601**	Sd	04 31 41.7	-05 03 37	Eri	0.60	15.5	223

N	317	WK	170x	5m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1603**	E	04 31 49.9	-05 05 40	Eri	0.80	15.8	223

N	317	WK	170x	5m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1607**	L	04 32 03.1	-04 27 40	Eri	1.00	15.0	223

N	317	WK	170x	5m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1606**	LB	04 32 03.3	-05 01 57	Eri	0.40	16.5	223

N	317	WK	170x	5m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1608**	L	04 32 06.1	+00 34 02	Tau	1.60	14.8	223

N	317	WK	170x	5m4	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1560**	Sd	04 32 47.5	+71 52 44	Cam	9.8	12.1	19

N	200	KV	75x	5m5	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1615**	L	04 36 01.9	+19 57 01	Tau	1.20	13.2	134

N	317	WK	170x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1618**	SBb	04 36 06.6	-03 08 57	Eri	2.3	13.5	224

S	280	FD	318x	5m6	4	N	317	WK	170x	5m0	4
N	320	PI	83x	6m5	4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**15620**	LB M	04 36 18.6	-02 49 55	Eri	1.2	13.7	224

N	317	WK	170x	5m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**15631**	L M	04 36 30.3	-02 52 00	Eri	1.2	14.3	224

N	317	WK	170x	5m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1622**	SBa-b	04 36 36.6	-03 11 20	Eri	3.9	13.9	224

N	317	WK	170x	5m0	3-4	N	320	PI	83x	6m5	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1633**	SBb	04 40 09.1	+07 20 57	Tau	1.00	14.4	179

N	317	WK	170x	5m8	4	N	400	CF	240x	6m1	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1634**	C	04 40 09.8	+07 20 18	Tau	0.40	15.2	179

N	317	WK	170x	5m8	4	N	400	CF	240x	6m1	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1636**	S	04 40 40.2	-08 36 30	Eri	1.20	12.8	269

N	200	GK	228x	5m6	5

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**1637**	Sc	04 41 28.2	-02 51 30	Eri	3.3	11.5	224
N 200 GK 91x 5m6 4				S 200 PE 78x 5m0 4				
N 200 HZ 40x 3-4				M 228 GI 78x 4m8 7				
N 317 TJ 62x 5m0 3				N 318 DS 102x 5m0 3				
NGC	**1638**	E2	04 41 36.4	-01 48 32	Eri	2.5	13.0	224
N 318 DS 102x 5m2 4								
NGC	**1659**	Sc	04 46 30.0	-04 47 21	Eri	1.7	13.2	224
S 200 PE 78x 5m5 4								
PGC	**16048**		04 48 22.0	-03 22 06	Ori	0.9	14.5	224
N 317 WK 170x 5m2 4								
NGC	**1667**	Sb-c	04 48 37.0	-06 19 15	Eri	1.5	12.8	269
S 200 PE 78x 5m5 4								
NGC	**1678**	L	04 51 35.4	-02 37 24	Ori	1.10	14.3	224
N 317 WK 170x 5m2 4								
NGC	**1682**	L	04 52 19.7	-03 06 21	Ori	1.0	14.4	224
N 200 HZ 100x 5m8 5				S 200 PE 110x 5m5 5				
N 317 WK 170x 5m2 4								
PGC	**16215**		04 52 25.2	-03 33 57	Ori	1.6	13.1	224
N 317 WK 170x 5m2 4								
NGC	**1684**	E	04 52 31.1	-03 06 22	Ori	2.3	12.5	224
N 200 HZ 100x 5m8 4-5				S 200 PE 110x 5m5 4				
N 317 WK 170x 5m2 3-4								
NGC	**1685**	SB	04 52 34.2	-02 57 01	Ori	1.30	14.5	224
N 317 WK 170x 5m2 5								
UGC	**3193**	SBb	04 52.9	+03 03	Ori	1.6	14.7	224
N 317 WK 170x 5m6 4								
NGC	**1691**	SB0-a	04 54 38.3	+03 16 02	Ori	1.6	13.1	224
N 317 WK 170x 5m6 3								
UGC	**3206**	Sb	04 55.9	+02 56	Ori	1.3	15.3	224
N 317 WK 170x 5m6 4-5								
NGC	**1700**	E1	04 56 56.2	-04 51 57	Eri	2.9	12.2	224
N 200 GK 119x 5m6 3				S 200 PE 110x 5m0 4				
N 200 HZ 120x 5m0 3-4				M 228 GI 148x 5m2 4				
M 228 GI 124x 5m0 5				N 317 TJ 177x 5m0 3				
N 318 DS 102x 5m1 3								
NGC	**1699**	Sb	04 56 59.5	-04 45 28	Eri	0.9	13.7	224
N 200 HZ 100x 5m8 6								
UGC	**3209**	Sb-c	04 56.4	+03 02	Ori	1.7	15.3	224
N 317 WK 170x 5m6 4								
IC	**396**	S/P	04 57 58.8	+68 19 21	Cam	0.70	13.1	19
N 200 WK 75x 5m5 4								
NGC	**1709**	C	04 58 44.0	-00 28 42	Ori	0.90	14.7	224
N 317 WK 170x 5m8 4-5								
NGC	**1713**	E	04 58 54.7	-00 29 21	Ori	1.40	13.9	224
N 317 WK 170x 5m8 3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3214**	Sb	04 58.0	-00 07	Ori	3.3	14.4	224
N 317 WK 170x 5m8 4-5								
NGC	**1721**	L M	04 59 17.4	-11 07 08	Eri	2.20	13.1	269
S 200 PE 110x 5m5 4								
NGC	**1720**	SBa-b	04 59 20.5	-07 51 35	Eri	1.70	13.9	269
N 318 DS 102x 5m0 3-4								
NGC	**1725**	L M	04 59 22.9	-11 07 57	Eri	1.90	13.1	269
S 200 PE 110x 5m5 4								
NGC	**1723**	SBR	04 59 25.9	-10 58 52	Eri	3.30	12.5	269
S 200 PE 110x 5m5 4								
NGC	**1728**	S M	04 59 27.8	-11 07 26	Eri	2.00	13.7	269
S 200 PE 110x 5m5 5								
NGC	**1719**	Sa	04 59 34.5	-00 15 40	Ori	1.10	14.5	224
N 317 WK 170x 5m8 3-4								
NGC	**1726**	E2	04 59 41.9	-07 45 20	Eri	1.4	12.7	269
S 200 PE 78x 5m5 4				N 318 DS 102x 5m0 3-4				
NGC	**1741**	Sdm	05 01 38.3	-04 15 36	Eri	1.40	15.5	224
N 317 WK 312x 5m5 3-4								
IC	**399**	IB/P	05 01 44.0	-04 17 20	Eri	0.80	16.0	224
N 317 WK 312x 5m5 5								
NGC	**1544**	S	05 02 36.2	+86 13 20	Cep	1.6	13.9	1
S 280 FD 80x 5m9 5				N 368 RV 230x 5m5 4				
NGC	**1762**	Sc	05 03 37.0	+01 34 22	Ori	1.6	13.4	224
N 400 CF 143x 6m6 3								
NGC	**1792**	Sb-c	05 05 13.8	-37 58 49	Col	5.60	10.8	358
N 155 SK 126x 6m0 2 s								
NGC	**1784**	SBc	05 05 27.1	-11 52 18	Lep	4.2	12.4	270
N 317 WK 93x 5m5 3-4								
NGC	**1808**	SBa	05 07 42.5	-37 30 50	Col	6.30	10.8	358
N 155 SK 126x 6m0 3 s								
PGC	**16865**	C	05 10 47.0	+16 28 40	Tau		15.6	180
N 317 WK 170x 5m6 5								
NGC	**1819**	LB	05 11 46.0	+05 12 01	Ori	1.7	13.5	225
N 317 WK 170x 5m8 3-4				N 400 CF 143x 6m6 3				
NGC	**1832**	Sc	05 12 03.0	-15 41 22	Lep	2.0	12.0	270
N 200 GK 119x 5m6 4				N 200 HZ 100x 3				
S 200 PE 110x 5m5 4				N 317 WK 93x 5m5 3-4				
PGC	**17146**	C	05 20 48.1	+66 14 41	Cam	0.8	14.7	19
N 317 WK 170x 5m5 5								
NGC	**1875**	L	05 21 45.7	+06 41 17	Ori	0.70	14.9	180
N 317 WK 312x 5m5 4								
NGC	**1886**	S	05 21 48.2	-23 48 38	Lep	3.10	13.6	315
R 130 BF 89x 6m0 4								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
LMC		SBmIII-	05 23 34.6	-69 45 22	Dor	1057	0.6	444
R 60 RH 21x 6m9 1								
NGC	**1924**	SBR	05 28 01.9	-05 18 39	Ori	1.4	14.3	225
N 203 RH 120x 7m0 2								
N 400 CF 143x 6m6 3								
N 317 WK 214x 5m8 4								
NGC	**1964**	Sb	05 33 21.8	-21 56 45	Lep	6.2	11.6	315
S 200 PE 110x 5m5 4								
N 317 WK 93x 5m5 3								
UGC	**3307**	E	05 36.8	+31 56	Aur	2.5	13.0	97
N 317 WK 170x 5m5 4								
UGC	**3326**	Sc	05 39.6	+77 18.7	Cam	3.4	14.9	6
N 609 SK 360x 5m9 5								
NGC	**1961**	Sb/P	05 42 03.9	+69 22 41	Cam	4.3	11.7	20
N 150 GK 85x 6m5 3-4								
M 228 GI 124x 4m9 6								
N 320 PI 144x 6m0 3								
S 200 PE 78x 5m5 4								
N 317 WK 170x 5m8 3								
NGC	**2090**	Sc	05 47 01.6	-34 15 05	Col	5.00	12.0	359
N 155 SK 126x 6m0 3 s								
UGC	**3374**	SB	05 54.8	+46 27	Aur	2.8	13.9	66
N 317 WK 170x 5m5 3								
PGC	**18335**	C	06 03 11.0	+49 56 23	Aur	0.98	15.5	67
N 317 WK 170x 6m0 5								
NGC	**2128**	L	06 04 34.0	+57 37 37	Cam		13.6	41
S 250 FB 125x 5m5 3 C								
N 317 WK 170x 5m4 3-4								
NGC	**2188**	SBm	06 10 09.7	-34 06 20	Col	4.70	12.1	359
N 155 SK 126x 5m8 3								
UGC	**3403**	SB?c	06 10.6	+71 23	Cam	2.7	14.6	20
N 317 WK 170x 5m8 5								
NGC	**2207**	Sc	06 16 21.8	-21 22 24	CMa	4.8	11.8	317
S 200 PE 50x 5m5 4								
UGC	**3420**	Sbc	06 16.0	+75 56.2	Cam	2.8	13.6	6
N 317 WK 170x 5m4 4								
NGC	**2146**	SBa-b/	06 18 38.3	+78 21 19	Cam	5.70	11.3	6
B 80 HZ 30x 6m2 4-5								
S 200 PE 50x 5m5 4								
N 254 JM 181x 5m3 4								
N 318 DS 153x 5m3 3								
N 200 GK 91x 5m6 2								
S 254 DS 125x 4m8 3								
N 317 WK 170x 5m8 2-3								
UGC	**3431**	E	06 19.4	+76 48.7	Cam	1.8	12.6	6
N 317 WK 170x 5m4 3-4								
NGC	**2208**	L	06 22 34.6	+51 54 34	Aur	1.60	14.3	41
N 317 WK 170x 6m0 3								
NGC	**2146A**	SBa-b/	06 23 54.6	+78 31 49	Cam	3.0	13.5	6
N 200 KV 75x 4m5 4								
N 317 WK 170x 5m8 4								
N 200 DP 100x 4m5 4								
N 318 DS 102x 5m3 5								
UGC	**3464**	Sa	06 29.4	+74 29.5	Cam	1.4	14.6	6
N 317 WK 170x 5m4 5								
UGC	**3471**	Sc	06 31.6	+74 26.0	Cam	1.7	12.8	6
N 317 WK 170x 5m4 5								
UGC	**3472**	Sa	06 33.0	+75 52.0	Cam	1.4	14.6	6
N 317 WK 170x 5m4 4								
PGC	**19426**		06 41 07.3	+53 02 10	Lyn		15.6	42
N 317 WK 170x 5m5 4-5								
IC	**449**	E	06 45 40.8	+71 20 35	Cam	0.90	13.5	21
N 317 WK 170x 5m8 3								
UGC	**3536**	S0	06 46 03.7	+29 20 51	Gem	1.2	14.4	99
N 203 RH 240x 6m5 6								
NGC	**2256**	LB	06 47 14.2	+74 14 11	Cam	2.30	13.6	6
N 317 WK 170x 5m5 3								
NGC	**2274**	E	06 47 17.4	+33 34 01	Gem	1.8	13.4	99
N 200 HZ 120x 6m5 4								
N 400 CF 143x 6m6 3								
N 317 WK 214x 6m0 3								
NGC	**2275**	S	06 47 17.9	+33 35 55	Gem	1.3	14.1	99
S 125 FB 63x 5m6 3								
N 317 WK 214x 6m0 3-4								
N 200 HZ 120x 6m5 5								
N 400 CF 143x 6m6 3								
NGC	**2258**	L	06 47 46.5	+74 28 51	Cam	2.30	13.0	6
N 317 WK 170x 5m5 3								
PGC	**19676**	C	06 49 47.2	+25 40 31	Gem	0.4	15.5	138
S 254 TE 400x 6m5 7								
PGC	**19681**		06 49 53.3	+25 42 19	Gem	0.8	14.9	138
S 254 TE 400x 6m5 4-5								
PGC	**19682**		06 49 59.1	+25 37 30	Gem	0.5'	15.6	138
S 254 TE 400x 6m5 7								
PGC	**19686**		06 50 05.1	+25 39 29	Gem	0.4	15.1	138
S 254 TE 400x 6m5 5								
NGC	**2273**	SBa	06 50 08.4	+60 50 43	Lyn	3.5	12.5	42
N 317 WK 93x 5m6 2-3								
NGC	**2289**	L	06 50 53.6	+33 28 43	Gem	1.1	14.5	99
N 200 HZ 120x 6m5 5								
N 317 WK 214x 6m0 4-5								
NGC	**2290**	Sa	06 50 56.9	+33 26 15	Gem	1.20	14.2	99
N 317 WK 214x 6m0 3-4								
NGC	**2291**	L	06 50 58.6	+33 31 30	Gem	1.00	15.4	99
N 317 WK 214x 6m0 5								
UGC	**3555**	Sb/SBc	06 50.0	+25 38	Gem	1,2		138
S 254 TE 214x 6m5 3-4								
NGC	**2294**	E6	06 51 11.2	+33 31 35	Gem	0.80	14.9	99
N 317 WK 214x 6m0 5								
IC	**450**	L	06 52 12.3	+74 25 37	Cam	2.30	14.8	6
N 317 WK 170x 5m5 3-4								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**451**	Sb	06 52 51.8	+74 28 46	Cam	2.30	14.6	6

N	317	WK	170x	5m5	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2315**	L	07 02 33.0	+50 35 25	Lyn	1.30	14.5	42

N	317	WK	170x	5m6	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3642**	SO	07 04.4	+64 02	Cam	1.4	13.5	21

N	317	WK	170x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2320**	E	07 05 41.9	+50 34 49	Lyn	1.4	13.1	42

N	317	WK	170x	5m6	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2321**	SBa	07 05 58.9	+50 45 22	Lyn	1.40	15.5	42

N	317	WK	170x	5m6	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2322**	SBa	07 06 00.3	+50 30 36	Lyn	1.10	14.6	42

N	317	WK	170x	5m6	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3660**	Sa/Sba	07 06.6	+63 53	Cam	1.8	13.6	21

N	317	WK	170x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2326**	SBb	07 08 10.9	+50 40 54	Lyn	1.80	14.0	42

N	317	WK	170x	5m6	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2339**	Sc	07 08 20.3	+18 46 44	Gem	2.8	12.5	138

S	200	MC	50x	6m0	3-4	N	200	KV	75x	6m0	4
N	200	JL	60x	5m0	5-6	N	200	HZ	100x	6m2	3-4
S	280	PP	117x	6m0	1-2	N	317	WK	93x	5m3	3
N	318	DS	102x	5m1	3-4	N	400	CF	143x	6m6	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2333**	Sa	07 08 21.2	+35 10 10	Gem	1.00	14.2	100

N	317	WK	170x	5m5	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3665**	Sa	07 08.0	+71 34	Cam	1.1	15.3	21

N	317	WK	170x	5m8	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2329**	L	07 09 07.9	+48 36 55	Lyn	1.3	13.5	68

N	317	WK	170x	6m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2341**	P	07 09 12.0	+20 36 10	Gem	0.8	13.9	138

N	200	HZ	120x	6m2	5	N	317	WK	214x	5m3	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2342**	S/P	07 09 18.1	+20 38 11	Gem	1.3	13.2	138

N	200	HZ	100x	6m2	4	N	250	SB	150x	5m6	3
N	317	WK	214x	5m3	4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2332**	L	07 09 33.8	+50 10 53	Lyn	1.5	13.8	42

N	317	WK	170x	6m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3685**	SB(rs)b	07 09.0	+61 36	Lyn	4.0	13.1	21

N	317	WK	170x	5m6	2-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2337**	IB	07 10 13.6	+44 27 23	Lyn	2.30	13.0	68

N	317	WK	170x	5m4	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2314**	E1/P	07 10 31.8	+75 19 38	Cam	2.1	13.2	7

N	318	DS	102x	5m2	6

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2340**	E	07 11 10.7	+50 10 27	Lyn		12.9	42

N	200	KV	75x	5m5	4	N	317	WK	170x	6m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3697**	Sbp	07 11.4	+71 50	Cam	3.3	13.1	21

N	250	SB	139x	6m2	5	N	609	SK	280x	6m7	4	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3705**	S	07 12.2	+73 27	Cam	1.5	14.4	7

N	317	WK	170x	5m6	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3714**	S	07 12.6	+71 45	Cam	2.0	12.7	21

N	250	SB	139x	6m2	3	N	609	SK	280x	6m7	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2350**	L	07 13 12.1	+12 15 57	CMi	1.40	14.0	184

N	200	GK	120x	5m8	5-6	S	200	MC	100x	6m0	5-6

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2268**	Sb	07 14 17.5	+84 22 54	Cam	3.4	12.2	7

N	150	WK	45x	5m4	4	S	200	PE	78x	5m0	4
N	254	RV	70x	5m3	4-5	S	254	DS	125x	4m9	3
N	318	DS	102x	5m5	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2179**	E1	07 15 32.3	+64 55 32	Cam	1.80	13.5	21

N	317	WK	170x	6m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2347**	Sb	07 16 04.0	+64 42 39	Cam	2.0	13.2	21

N	317	WK	214x	5m5	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2357**	Sc	07 17 40.9	+23 21 21	Gem	3.60	14.4	139

N	609	SK	360x	5m9	3 s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2365**	SBa	07 22 22.3	+22 04 58	Gem	2.7	13.6	139

N	200	HZ	100x	6m2	4	N	200	GK	120x	5m8	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3824**	SO	07 22.9	+22 35.4	Gem	0.9	13.4	139

N	317	WK	170x	5m8	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3827**	SBbc	07 23.1	+22 12.5	UMA	1.0	14.0	139

N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3816**	SO	07 23.3	+58 05	Lyn	1.0	13.4	42

N	317	WK	170x	5m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3828**	Sb/SBb	07 24.6	+58 01	Lyn	1.8	12.7	42

N	317	WK	170x	5m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3841**		07 25.7	+29 57.2	Gem	0.3	14.7	100

N	317	WK	170x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3849**		07 26.7	+37 22	Aur	1.0	14.6	100

N	317	WK	170x	5m5	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2336**	Sb	07 27 03.6	+80 10 38	Cam	6.9	11.1	7

N	200	GK	57x	5m6	3	N	200	KV	75x	6m0	3
S	200	PE	78x	5m3	4	S	254	DS	125x	4m9	3-4
N	317	WK	93x	5m8	3	N	317	TJ	177x	5m0	3
N	318	DS	153x	5m4	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2276**	Sc	07 27 21.0	+85 45 20	Cep	2.6	12.0	1

B	80	PI	20x	6m5	7	N	114	DB	36x	5m5	4
N	150	WK	100x	5m0	5	N	200	WK	60x	6m2	3
N	200	GK	170x	5m6	3	S	200	PE	110x	5m3	5
S	200	MC	77x	5m1	5	N	200	HZ	100x	5m8	3-4
N	203	RH	120x	6m5	3	N	250	SB	100x	5m3	3
N	254	RV	70x	5m3	5	S	254	DS	125x	5m0	4
S	280	FD	80x	5m9	3-4	N	318	DS	102x	5m5	4-5
N	320	PI	80x	6m0	4	N	333	PA	150x	5m7	3
N	368	RV	230x	5m5	4-5						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2379**	L	07 27 26.2	+33 48 41	Gem	0.80	14.7	100

N	317	WK	170x	5m5	4-5

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2385**	L	07 28 28.2	+33 50 15	Gem	0.80	15.2	100

N 317 WK 170x 5m5 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2388**	S	07 28 53.5	+33 49 06	Gem	0.9	14.7	100

N 200 HZ 120x 6m5 5 — N 317 WK 170x 5m5 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2366**	IB	07 28 55.3	+69 13 01	Cam	7.6	11.5	21

B 50 CF 10x 5m8 7 — N 200 HZ 40x 5
N 317 WK 170x 6m2 4 — N 500 CF 71x 6m5 2 s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3873**	Sc	07 28.9	+20 35.5	Gem	1.9	13.7	139

S 254 TE 214x 6m6 6 — N 317 WK 170x 5m8 5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2389**	SBc	07 29 04.8	+33 51 37	Gem	2.1	13.4	100

N 200 HZ 120x 6m5 4-5 — N 317 WK 170x 5m5 3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2190**	SBb-c	07 29 54.3	+37 27 04	Aur	0.60	14.8	100

N 317 WK 170x 5m5 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2393**	Sc	07 30 04.9	+34 01 38	Gem	1.20	14.7	100

N 317 WK 170x 5m5 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2406**	E	07 31 47.7	+18 17 17	Gem	0.7	16.0	139

N 317 WK 170x 6m2 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2407**	L	07 31 56.6	+18 19 59	Gem	1.0	15.8	139

N 317 WK 170x 6m3 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2300**	E1	07 32 20.3	+85 42 31	Cep	3.1	12.1	1

B 80 PI 20x 6m5 7 — N 114 DB 36x 5m5 5
N 150 WK 100x 5m0 4-5 — N 200 GK 170x 5m6 3
N 200 WK 60x 6m2 4-5 — N 200 HZ 40x 5m8 4-5
S 200 PE 110x 5m3 3-4 — S 200 MC 77x 5m1 3-4
N 203 RH 120x 6m5 2-3 — M 228 GI 148x 5m0 5
N 250 SB 100x 5m3 3 — N 254 JM 98x 5m3 3-4
N 254 RV 140x 4m8 3-4 — S 254 DS 125x 5m0 3
S 280 FD 80x 5m9 3 — N 318 DS 102x 5m5 3
N 320 PI 450x 6m0 4 — N 333 PA 150x 5m7 3
N 368 RV 230x 5m5 2-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2193**	Sb	07 33 23.6	+31 28 58	Gem	2.70	14.5	100

N 317 WK 170x 6m0 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2194**	S	07 33 40.2	+31 20 02	Gem	2.70	15.1	100

N 317 WK 170x 6m0 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3894**	E	07 33.2	+65 06	Cam	1.2	14.5	21

N 317 WK 170x 5m6 3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2196**	E	07 34 09.7	+31 24 20	Gem	1.60	13.8	100

N 317 WK 170x 6m0 3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2411**	E M	07 34 36.4	+18 16 53	Gem	1.0	14.6	139

N 317 WK 170x 6m2 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2199**	SB	07 34 55.6	+31 16 31	Gem		13.8	100

N 320 PI 144x 6m5 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**455**	L	07 34 57.7	+85 32 14	Cep	1.70	14.3	1

N 203 RH 120x 6m5 5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2410**	SBb	07 35 02.2	+32 49 19	Gem	2.40	13.8	100

N 317 WK 170x 5m5 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**21337**	S	07 35 07.3	+65 00 32	Cam	1.11	15.1	21

N 317 WK 170x 5m6 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2201**	Sa	07 36 16.8	+33 07 21	Gem	1.60	15.4	100

N 317 WK 170x 6m0 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2418**	E	07 36 37.4	+17 53 00	Gem	1.8	13.4	139

N 200 HZ 100x 6m2 4 — N 317 WK 170x 6m2 3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2403**	Sc	07 36 50.6	+65 36 04	Cam	18	8.9	21

B 50 CF 10x 5m8 2 — B 50 KH 10x 5m7 3
R 63 KV 34x 5m0 2-3 — R 80 HZ 17x 6m3 3
B 80 HZ 30x 6m5 2-3 — N 114 DB 36x 5m5 3
N 114 SB 20x 5m0 3 — N 140 RH 100x 1-2
N 200 GK 91x 5m6 2 — N 200 HZ 40x 2-3
M 228 GI 228x 4m7 3 s — S 250 FB 96x 5m5 2 s
N 250 SB 100x 5m1 2 — N 254 JM 181x 5m0 3
S 280 PP 87x 5m5 1 s — S 280 FD 200x 5m6 1 s
N 317 WK 317x 6m2 2 s — N 317 TJ 177x 6m0 3 s
N 318 DS 102x 5m4 2 — N 333 PA 100x 5m4 2 s DSF
N 609 SK 360x 5m9 3 s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2415**	I	07 36 56.5	+35 14 29	Gem	1.0	12.8	100

200 HZ 100x 6m5 3-4 — N 254 JM 181x 4m5 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**21400**	C	07 36 56.8	+58 46 17	Lyn	0.73	14.5	43

N 317 WK 170x 5m5 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3927**	SO	07 37.4	+59 42	Lyn	1.3	15.5	43

N 317 WK 170x 5m8 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3928**		07 37.7	+59 20	Lyn	1.8	14.9	43

N 317 WK 170x 5m8 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2424**	SBb	07 40 39.3	+39 13 58	Lyn	4.0	13.6	101

N 318 DS 102x 5m8 5 — N 400 CF 141x 6m0 2-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**21624**		07 42 40.8	+65 10 38	Cam	0.4	15.2	21

N 317 WK 170x 5m8 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**3973**	SBb	07 42.5	+49 48.6	Lyn	1.2	13.0	69

N 317 WK 212x 5m5 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**21646**		07 43 12.2	+64 15 56	Cam	0.3	15.8	21

N 317 WK 170x 5m8 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2426**	E	07 43 18.4	+52 19 03	Lyn	1.10	14.2	43

N 317 WK 312x 5m8 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**471**	E	07 43 36.4	+49 40 03	Lyn	1.00	14.6	69

N 317 WK 212x 5m5 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**472**	SBb	07 43 50.2	+49 36 46	Lyn	1.00	14.3	69

N 317 WK 212x 5m5 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2435**	Sa	07 44 13.4	+31 39 00	Gem	2.20	13.6	101

N 317 WK 170x 5m8 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**4013**	Sb	07 47.6	+60 56	Cam	1.9	14.0	21

N 317 WK 170x 5m6 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**21839**		07 48 09.4	+50 06 32	Lyn	0.7	17.1	43

N 317 WK 170x 5m6 4-5

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2441**	Sc	07 51 54.5	+73 00 53	Cam	2.00	12.9	7
N 317 WK 170x 5m5 4								
UGC	**4041**	S	07 52.6	+73 31	Cam	0.9	13.6	7
N 317 WK 170x 5m5 3-4								
UGC	**3993**	S0?	07 55 44.1	+84 55 35	Cep	1.6	15.26	1
N 203 RH 120x 6m5 5								
IC	**469**	Sa	07 55 59.3	+85 09 29	Cep	1.70	13.5	1
N 203 RH 120x 6m5 3								
IC	**2209**	SBb	07 56 14.2	+60 18 12	Cam	0.90	14.3	43
N 317 WK 170x 5m6 4								
NGC	**2476**	E	07 56 45.2	+39 55 38	Lyn	1.4	13.6	69
N 317 WK 170x 5m5 3								
NGC	**2481**	S M	07 57 13.7	+23 46 01	Gem	1.40	13.6	140
N 317 WK 170x 5m8 3								
NGC	**2486**	L	07 57 56.5	+25 09 38	Gem	1.70	14.2	140
N 317 WK 170x 5m8 4								
UGC	**4108**	S	07 57.5	+59 06	Lyn	1.2	15.0	43
N 317 WK 170x 5m6 5								
NGC	**2487**	SBb	07 58 20.3	+25 08 55	Gem	2.70	13.2	140
N 200 HZ 100x 6m2 5								
N 317 WK 170x 5m8 4								
IC	**2212**	S	07 58 57.1	+32 36 44	Gem	0.90	16.6	101
N 317 WK 170x 5m6 5								
NGC	**2498**	SBa	07 59 38.7	+24 58 58	Gem	1.10	14.4	140
N 317 WK 170x 5m8 3								
IC	**482**	S	07 59 47.3	+25 21 20	Gem	1.70	15.1	140
N 317 WK 170x 5m8 4-5								
IC	**2214**	SBa-b	07 59 53.8	+33 17 23	Lyn	0.90	14.5	101
N 317 WK 170x 5m6 4-5								
UGC	**4122**	E	07 59.0	+59 07	Lyn	1.6	14.7	43
N 317 WK 170x 5m6 3-4								
UGC	**4124**	SO	07 59.1	+59 09	Lyn	1.1	15.4	43
N 317 WK 170x 5m6 5								
UGC	**4132**	Sbc	07 59.2	+32 54.9	Gem	1.9	12.8	101
N 317 WK 170x 5m6 4-5								
NGC	**2493**	LB	08 00 23.8	+39 49 49	Lyn	2.2	13.0	69
N 317 WK 170x 5m5 3								
UGC	**4128**	Sc	08 00.2	+60 17	Cam	1.8	13.9	22
N 317 WK 170x 5m6 4								
NGC	**2500**	S	08 01 53.0	+50 44 10	Lyn	2.9	12.2	43
N 200 KV 75x 5m5 3-4								
NGC	**2510**	L	08 02 10.5	+09 29 08	CMi	1.00	14.5	185
N 304 PH 51x 5m2 1 f								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2513**	E	08 02 24.7	+09 24 48	Cnc	2.50	12.6	185
N 200 GK 120x 5m8 3								
NGC	**2512**	SBb	08 03 07.6	+23 23 28	Cnc	1.3	13.9	140
N 317 WK 170x 6m0 3								
PGC	**22615**	C	08 03 28.1	+25 06 06	Cnc		15.2	140
N 317 WK 214x 5m8 4-5								
PGC	**22719**		08 05 35.5	+24 09 53	Cnc		15.46	140
N 317 WK 214x 5m8 4-5								
UGC	**4214**	Sb	08 06.6	+55 08	Lyn	1.4	15.4	43
N 317 WK 214x 5m8 5								
NGC	**2518**	L	08 07 20.2	+51 07 54	Lyn	1.2	14.6	43
N 200 KV 75x 5m5 7								
N 317 WK 170x 6m0 3-4								
NGC	**2532**	SBc	08 10 15.2	+33 57 20	Lyn	2.10	13.0	101
N 317 WK 170x 5m5 3								
NGC	**2535**	Sc/P	08 11 13.6	+25 12 24	Cnc	3.1	13.3	140
N 200 HZ 120x 6m2 5								
N 317 WK 170x 6m2 4-5								
NGC	**2536**	SBc/P	08 11 16.1	+25 10 45	Cnc	0.9	14.7	140
N 317 WK 170x 6m2 5								
NGC	**2534**	E1/P	08 12 54.1	+55 40 17	Lyn	1.40	13.6	43
N 317 WK 214x 5m8 3								
NGC	**2523 B**	Sb	08 12 56.8	+73 33 37	Cam	2.00	14.8	7
N 317 WK 170x 5m4 4								
NGC	**2543**	SBb	08 12 57.8	+36 15 11	Lyn	2.30	12.7	101
N 317 WK 170x 6m0 3								
NGC	**2537**	S/P	08 13 14.4	+45 59 27	Lyn	1.7	12.3	69
N 200 KV 120x 6m5 3								
S 200 PE 110x 5m0 4								
N 317 WK 170x 6m0 2-3								
N 320 PI 144x 5m5 2								
IC	**2233**	SBd	08 13 59.0	+45 44 21	Lyn	4.7	13.0	69
N 200 KV 48x 6m5 4-5								
N 609 SK 280x 6m1 3-4 s								
NGC	**2545**	Sb	08 14 14.1	+21 21 20	Cnc	2.2	13.2	140
N 317 WK 170x 6m2 3								
NGC	**2541**	Sc	08 14 40.0	+49 03 41	Lyn	6.6	12.2	69
N 200 KV 48x 6m0 5								
NGC	**2523**	SBa-b	08 15 00.0	+73 34 42	Cam	3.0	12.6	7
N 317 WK 170x 5m4 3								
N 318 DS 102x 5m1 6-7								
NGC	**2523 C**	SBa-b	08 17 44.2	+73 19 03	Cam	1.50	14.9	7
N 317 WK 170x 5m4 4								
NGC	**2554**	Sa/P	08 17 53.4	+23 28 18	Cnc	3.20	12.9	141
N 200 HZ 100x 6m2 4								
NGC	**2549**	E6	08 18 58.3	+57 48 09	Lyn	4.2	12.2	43
S 200 PE 78x 5m0 3								
N 200 GK 119x 5m6 3								
S 203 PK 110x 3-4								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2557**	LB	08 19 10.9	+21 26 08	Cnc	1.20	14.4	141
N 317 WK 170x 5m6 4								
NGC	**2558**	Sa-b	08 19 12.7	+20 30 39	Cnc	1.80	14.9	141
N 317 WK 170x 5m6 4-5								
NGC	**2552**	I	08 19 19.6	+50 00 23	Lyn	3.2	12.6	43
N 317 WK 170x 6m0 3-4								
NGC	**2560**	Sa	08 19 51.9	+20 59 03	Cnc	1.40	14.6	141
N 317 WK 170x 5m6 4								
UGC	**4305**		08 19.1	+70 43	UMa	7.9	10	22
N 200 KV 48x 6m0 4 f				N 203 RH 48x 6m8 3-4				
N 317 WK 93x 6m0 5				N 320 PI 45x 6m5 5				
NGC	**2562**	L	08 20 23.5	+21 07 52	Cnc	1.4	13.9	141
S 200 MC 50x 6m0 6				N 317 WK 170x 5m6 3				
NGC	**2563**	L	08 20 35.7	+21 04 03	Cnc	2.3	13.3	141
S 200 MC 50x 6m0 5				N 317 WK 170x 5m6 3				
UGC	**4323**	SO	08 20.3	+66 58.9	UMa	1.7	13.4	22
N 317 WK 170x 6m0 3-4								
NGC	**2544**	SBa	08 21 40.3	+73 59 16	Cam	1.10	13.9	7
N 317 WK 170x 5m4 3-4								
NGC	**2575**	L	08 22 45.0	+24 17 47	Cnc	2.4	13.5	140
N 200 HZ 100x 6m2 5				N 317 WK 170x 6m0 4				
UGC	**4353**	Sc	08 22.8	+66 58.3	UMA	1.2	14.6	22
N 317 WK 170x 6m0 4								
NGC	**2550**	Sb/P	08 24 33.7	+74 00 41	Cam	1.00	13.4	7
N 317 WK 170x 5m4 3-4								
NGC	**2551**	Sb	08 24 50.2	+73 24 43	Cam	1.9	13.1	7
N 317 WK 170x 5m4 3				N 318 DS 102x 5m1 4-5				
UGC	**4393**	Sb	08 26.1	+45 58	Lyn	2.5	13	70
N 200 KV 75x 6m5 7								
NGC	**2592**	E	08 27 08.1	+25 58 13	Cnc	1.70	13.4	141
N 200 HZ 190x 6m3 3				N 317 WK 170x 6m0 3				
NGC	**2594**	L	08 27 17.1	+25 52 41	Cnc	0.80	14.9	141
N 317 WK 170x 6m0 3-4								
NGC	**2595**	SBc	08 27 41.9	+21 28 44	Cnc	3.10	15.0	141
N 317 WK 170x 5m5 4								
UGC	**4414**	SO-a	08 27.1	+21 38.7	Cnc	1.1	13.3	141
N 317 WK 170x 5m5 4-5								
IC	**508**	S	08 28 22.3	+25 07 26	Cnc		14.8	141
N 317 WK 170x 6m0 4-5								
IC	**2382**	S	08 28 46.1	+22 03 10	Cnc	0.90	15.1	141
N 317 WK 170x 5m6 3-4								
UGC	**4427**	Sb	08 29.3	+55 31.4	Lyn	1.0	14.1	43
N 609 SK 360x 5m9 4 s								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2598**	SBa	08 30 02.5	+21 29 16	Cnc	1.3	14.9	141
N 317 WK 170x 5m5 5								
PGC	**23955**	C	08 32 28.1	+52 36 22	Lyn	0.9	14.6	44
N 317 WK 170x 6m0 4-5								
NGC	**2604**	SBc	08 33 22.9	+29 32 17	Cnc	1.9	13.3	102
N 200 HZ 100x 6m2 3-4								
NGC	**2608**	Sc	08 35 17.2	+28 28 22	Cnc	2.5	13.0	102
N 200 HZ 120x 6m2 3				S 200 PE 78x 5m5 3				
S 200 MC 100x 6m0 4								
NGC	**2591**	Sc	08 37 25.5	+78 01 30	Cam	3.00	12.9	7
N 317 WK 170x 6m0 3-4								
NGC	**2619**	Sb	08 37 32.6	+28 42 16	Cnc	2.6	13.4	102
N 200 HZ 120x 6m2 3-4				S 200 PE 78x 5m5 4				
S 200 MC 50x 6m0 4								
NGC	**2624**	S	08 38 09.6	+19 43 32	Cnc	0.60	14.7	141
N 320 PI 144x 6m5 5				N 508 SK 355x 5m9 4				
NGC	**2625**	E	08 38 23.1	+19 42 56	Cnc	0.70	15.3	141
N 320 PI 144x 6m5 3				N 508 SK 355x 5m9 4				
NGC	**2623**	P	08 38 24.1	+25 45 15	Cnc	0.6	14.0	141
N 317 WK 214x 5m8 4								
IC	**511**	Sa	08 40 49.7	+73 29 10	Cam	1.20	14.5	7
N 317 WK 170x 6m0 3-4								
UGC	**4526**	Sab	08 40.9	+19 21.3	Cnc	1.4	13.9	141
N 320 PI 240x 6m5 3 s				N 609 SK 360x 5m9 3-4 s				
NGC	**2637**	E	08 41 13.4	+19 41 22	Cnc	0.70	15.4	141
N 508 SK 355x 5m9 5								
NGC	**2643**	S	08 41 51.7	+19 42 09	Cnc	0.60	15.6	141
N 320 PI 144x 6m5 7				N 508 SK 355x 5m9 4				
NGC	**2638**	L	08 42 25.8	+37 13 13	Lyn	1.7	13.7	102
N 317 WK 170x 6m2 3								
NGC	**2647**	C	08 42 43.0	+19 39 02	Cnc	0.50	15.1	141
N 320 PI 144x 6m5 4				N 508 SK 355x 5m9 3-4				
NGC	**2614**	Sc	08 42 47.6	+72 58 34	UMa	2.40	13.7	7
N 317 WK 170x 5m5 4-5								
NGC	**2639**	Sa	08 43 37.8	+50 12 20	UMa	2.0	12.6	44
N 200 GK 119x 5m6 3				N 317 WK 170x 5m5 3				
NGC	**2649**	SBb	08 44 08.1	+34 43 01	Lyn	1.9	13.1	102
N 317 WK 170x 6m2 3-4								
UGC	**4551**	SO	08 44.1	+49 47.6	UMA	2.0	12.5	70
N 317 WK 170x 5m5 3								
UGC	**4572**		08 45.6	+36 56	Lyn	0.7	13.8	102
N 317 WK 170x 6m0 3-4								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2393**	E	08 46 49.2	+28 10 13	Cnc	1.2	14.3	102

N	200	HZ	120x	6m5	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2629**	L	08 47 15.2	+72 59 06	UMa	2.6	13.3	7

N	317	WK	170x	5m5	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2656**	L/P	08 47 53.1	+53 52 32	UMa	1.30	14.9	44

N	317	WK	170x	5m8	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2641**	C	08 47 57.4	+72 53 45	UMa	1.30	15.0	7

N	317	WK	170x	5m5	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2389**	SBb	08 47 58.3	+73 32 17	Cam	1.20	14.0	7

N	317	WK	170x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2633**	SBb/P	08 48 04.6	+74 05 55	Cam	2.6	12.8	7

N	317	WK	170x	6m0	2-3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2636**	E0	08 48 24.4	+73 40 16	Cam	0.30	14.7	7

N	317	WK	170x	5m5	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2634**	E1	08 48 25.5	+73 58 00	Cam	2.2	12.8	7

N	317	WK	170x	6m0	2-3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2405**	S	08 48 42.7	+37 13 04	Lyn	0.70	15.0	102

N	317	WK	170x	6m0	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2654**	Sa-b	08 49 12.0	+60 13 13	UMa	4.3	12.7	44

N	200	HZ	100x	6m2	3-4	N	210	PA	137x	6m3	4
N	317	WK	170x	6m0	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2672**	E1	08 49 21.8	+19 04 26	Cnc	2.6	12.2	141

N	200	HZ	120x	6m2	4	S	200	MC	100x	6m0	3-4
N	255	SK	155x	6m3	3-4	N	317	WK	214x	5m8	3
N	317	TJ	230x	5m0	3	N	320	PI	144x	6m2	3
N	368	RV	230x	5m1	3-4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2668**	Sa-b	08 49 22.5	+36 42 37	Lyn	1.5	15.4	102

N	317	WK	170x	6m2	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2673**	E0/P	08 49 24.1	+19 04 27	Cnc	1.4	14.6	141

N	200	HZ	200x	6m2	5	N	317	WK	214x	5m8	4-5
N	317	TJ	230x	5m0	4	N	320	PI	144x	6m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2650**	SBb	08 49 58.3	+70 17 56	UMa	1.60	14.1	22

N	400	CF	141x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2646**	LB	08 50 21.8	+73 27 44	Cam	1.7	13.2	7

N	317	WK	170x	6m0	3	N	318	DS	102x	5m1	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2679**	LB M	08 51 32.9	+30 51 52	Cnc	1.80	14.1	102

N	317	WK	170x	5m8	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2676**	L	08 51 35.6	+47 33 28	UMa	1.20	15.3	70

N	317	WK	170x	5m8	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2675**	E	08 52 05.0	+53 37 00	UMa	1.5	14.2	44

N	200	HZ	100x	6m5	5	N	317	WK	170x	5m8	3-7

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2683**	Sa-b	08 52 41.3	+33 25 10	Lyn	9.3	10.5	102

B	50	AM	10x	6m8	4	f	B	50	CF	10x	6m1	3-4		
R	63	KV	34x	6m0	3		B	80	HZ	30x	6m2	3		
N	114	SB	20x	5m0	4		S	125	FB	50x	6m3	2		
M	150	PI	50x	6m0	2	s	N	200	HZ	40x		2		
N	200	DP	102x	5m0	3		S	200	AM	135x	5m0	3		
N	200	GK	119x	5m8	2		M	228	GI	124x	5m0	2		
S	250	FB	96x	5m1	2		N	250	SB	221x	5m6	2		
N	254	JM	40x	4m0	3	f	S	280	AM	112x	6m8	2	s	
N	317	TJ	89x	5m0	3		N	317	WK	93x	6m0	2		
N	317	TJ	230x	6m0	2									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2681**	Sa	08 53 32.5	+51 18 45	UMa	3.8	11.1	44

B	80	HZ	30x	6m2	3-4	S	200	PE	110x	5m5	3
N	200	HZ	100x		3-4	N	200	GK	91x	5m6	3
N	210	PA	91x	6m3	4	S	250	FB	96x	5m3	3
N	254	JM	181x	5m3	3-4	N	317	WK	93x	5m5	2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**520**	SBa-b	08 53 42.1	+73 29 25	Cam	1.20	12.6	7

N	317	WK	170x	6m0	2-3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2695**	L	08 54 27.0	-03 04 03	Hya	1.6	12.9	232

S	280	FD	318x	5m6	3	p

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2691**	Sa	08 54 46.3	+39 32 19	Lyn	1.20	13.9	70

N	317	WK	170x	5m8	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2423**	SBb	08 54 47.1	+20 13 11	Cnc	1.0	14.6	142

N	317	WK	214x	5m8	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2684**	S/P	08 54 53.8	+49 09 35	UMa	0.8	13.8	44

N	317	WK	170x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2685**	PRG	08 55 34.9	+58 44 03	UMa	5.2	12.1	187

B	80	HZ	30x	6m5	4-5	S	200	PE	78x	5m0	3
N	200	KV	120x	5m0	4	N	210	PA	137x	6m3	4
N	317	WK	93x	6m0	2-3	N	320	PI	144x	6m0	2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2698**	Sa	08 55 36.4	-03 11 05	Hya	1.4	13.4	232

S	280	FD	318x	5m6	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2655**	SBa	08 55 37.7	+78 13 23	Cam	5.1	11.0	7

B	80	HZ	30x	6m5	4	N	200	GK	119x	5m8	2
S	200	PE	110x	5m5	3	S	203	PK	60x		2
M	228	GI	148x	4m9	3	S	250	FB	167x	5m5	3
N	254	JM	40x	5m3	3	N	317	WK	93x	5m8	2-3
N	317	TJ	177x	5m0	3	N	320	PI	144x	6m5	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2699**	E	08 55 48.8	-03 07 40	Hya	1.3	13.5	232

S	280	FD	318x	5m6	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2704**	SBb	08 56 47.7	+39 22 55	Lyn	1.00	14.3	70

N	317	WK	170x	5m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2692**	Sb	08 56 57.8	+52 03 55	UMa	1.30	14.1	44

N	317	WK	170x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2694**	C	08 56 59.2	+51 19 55	UMa	0.3	15.7	44

N	317	WK	170x	6m0	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2693**	E/P	08 56 59.4	+51 20 50	UMa	2.2	12.7	102

N	200	GK	119x	5m6	3	N	210	PA	91x	6m3	4
N	254	JM	181x	5m3	4-5	N	317	WK	93x	5m5	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2713**	Sb	08 57 20.6	+02 55 15	Hya	3.7	12.7	232

N	200	HZ	100x	6m0	3-4	S	280	FD	318x	5m6	3 s

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2716**	LB	08 57 35.8	+03 05 23	Hya	1.6	13.1	232

N	200	HZ	100x	6m0	4		S	280	FD	318x	5m6	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2718**	SBa-b	08 58 50.3	+06 17 36	Hya	2.1	13.0	187

N	200	HZ	40x	6m0	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**4699**	E-SO	08 58.8	+39 30.6	Lyn	0.9	13.7	70

N	317	WK	170x	5m8	3-4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2701**	Sc	08 59 05.5	+53 46 12	UMa	2.1	12.7	44

N	200	GK	91x	5m6	5		N	200	HZ	100x	6m5	4		
N	317	WK	170x	5m4	3		N	400	CF	240x	6m1	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2712**	Sb-c	08 59 30.6	+44 54 48	Lyn	2.9	12.7	70

N	317	WK	170x	5m4	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2723**	L	09 00 14.3	+03 10 40	Hya	1.1	14.2	232

N	200	HZ	120x	6m0	5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2719**	I/P	09 00 15.6	+35 43 38	Lyn	1.10	13.9	103

N	317	WK	170x	5m8	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2719**	I/P	09 00 15.9	+35 43 12	Lyn	0.40	14.3	103

N	317	WK	170x	5m8	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**4719**	Sc	09 00.6	+50 40.7	Uma	2.3	14.0	44

N	609	SK	525x	6m2	3	s								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2724**	SBc	09 01 01.8	+35 45 43	Lyn	1.80	14.4	103

N	317	WK	170x	5m8	4-5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2729**	L	09 01 28.6	+03 43 14	Hya	0.8	14.7	232

N	200	HZ	120x	6m0	4-5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2744**	SBb/P	09 04 39.1	+18 27 49	Cnc	1.8	13.9	142

N	317	WK	170x	5m8	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2726**	Sa	09 04 56.8	+59 55 58	UMa	1.6	13.3	44

N	200	HZ	100x	6m5	4-5		N	317	WK	170x	6m0	3-4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**4749**	S	09 04.5	+5137	UMa	0.6	13.4	44

N	317	WK	170x	5m4	2									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2749**	E2	09 05 21.3	+18 18 47	Cnc	2.0	12.7	142

N	200	GK	119x	5m6	5		S	200	PE	78x	5m5	4		
N	317	WK	170x	5m8	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2746**	SBa	09 05 59.5	+35 22 36	Lyn	1.60	14.1	103

N	317	WK	170x	6m0	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**4773**	Sbc	09 06.0	+18 45.9	Cnc	1.5	14.1	142

N	317	WK	170x	5m8	4-5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2761**	I	09 07 30.7	+18 26 04	Cnc	0.60	14.9	142

N	317	WK	170x	5m8	4-5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2742**	Sc	09 07 33.2	+60 28 44	UMa	3.1	12.1	44

N	200	GK	91x	5m6	3		N	200	HZ	100x	6m5	3		
N	210	PA	137x	6m3	4		N	250	SB	150x	5m2	3		
N	317	WK	93x	6m0	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**4778**	Sb	09 07.2	+50 43	UMa	1.2	14.3p	44

N	200	HZ	120x	6m8	5		N	317	WK	170x	6m0	3-4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2715**	Sc	09 08 05.9	+78 05 07	Cam	5.0	11.8	7

N	317	WK	170x	5m0	3-4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2759**	L	09 08 37.2	+37 37 15	Lyn	1.00	14.0	103

N	320	PI	55x	6m8	1		O-3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2766**	S R	09 08 47.4	+29 51 53	Cnc	1.40	14.5	103

N	317	WK	170x	5m8	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2756**	Sb	09 09 00.9	+53 50 53	UMa	1.9	13.2	44

N	200	HZ	100x	6m5	3-4		N	317	WK	170x	5m4	3		
N	400	CF	240x	6m1	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2767**	S	09 10 11.8	+50 24 05	UMa	0.5	15.2	44

N	200	HZ	120x	6m5	5		N	317	WK	170x	6m0	3-4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2775**	Sa	09 10 20.1	+07 02 12	Cnc	4.5	11.2	187

N	200	GK	57x	5m6	2		N	200	HZ	120x	5m8	3		
S	280	PP	117x	5m0	1	s	N	317	TJ	177x	5m0	2		
N	368	RV	230x	5m1	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2769**	Sa	09 10 32.3	+50 25 59	UMa	1.8	13.9	44

N	200	HZ	120x	6m5	4-5		N	317	WK	170x	6m0	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2771**	SBa	09 10 39.7	+50 22 43	UMa	1.8	13.7	44

N	317	WK	170x	6m0	3-4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2768**	E5	09 11 37.4	+60 02 09	UMa	6.3	10.9	64

B	80	HZ	30x	6m5	3-4		N	140	RH	100x	6m0	2-3		
N	200	GK	57x	5m6	2		N	200	HZ	40x	6m5	3		
N	203	KV	200x	6m5	2		N	210	PA	137x	6m3	3		
S	250	FB	96x	5m3	2		N	250	SB	150x	5m2	2		
S	280	PP	117x	5m5	1	s	N	317	WK	93x	6m0	2-3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2776**	Sc	09 12 14.5	+44 57 15	Lyn	2.9	12.1	70

N	200	GK	91x	5m6	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2784**	L	09 12 19.4	-24 10 23	Hya	5.70	11.3	322

S	125	FB	50x	6m3	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2778**	E	09 12 24.5	+35 01 38	Lyn	1.4	13.3	103

N	200	HZ	100x	6m2	4-5		N	317	WK	170x	6m0	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2779**	SB	09 12 28.3	+35 03 12	Lyn	0.40	15.6	103

N	317	WK	170x	6m0	5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2780**	SB/P	09 12 44.3	+34 55 30	Lyn	0.9	14.3	103

N	200	HZ	120x	6m2	5		N	317	WK	170x	6m0	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2732**	L	09 13 25.0	+79 11 14	Cam	2.3	12.9	8

S	200	PE	110x	5m5	4		S	254	DS	125x	4m9	3		
N	254	JM	98x	5m3	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2783**	E7	09 13 39.4	+29 59 33	Cnc	3.1	13.2	103

N	317	WK	170x	6m0	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2748**	Sc	09 13 43.0	+76 28 31	Cam	3.1	12.3	8

N	254	JM	181x	5m3	4-5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**4851**	E-S0	09 13.5	+52 59	UMa	1.1	14.1p	44

N	200	HZ	190x	6m5	5		N	317	WK	170x	5m8	3-4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2782**	Sb	09 14 05.0	+40 06 47	Lyn	3.8	12.3	71

N	200	HZ	40x		4		N	254	JM	96x	5m0	4		

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2789**	L	09 14 59.7	+29 43 47	Cnc	2.00	13.5	103

N	317	WK	170x	5m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2790**	E	09 15 02.7	+19 41 49	Cnc	0.40	14.6	142

N	317	WK	214x	5m6	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2794**	SBR	09 16 01.7	+17 35 20	Cnc	1.20	14.0	142

N	317	WK	170x	5m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2454**	Sa	09 16 01.7	+17 49 15	Cnc	0.60	14.6	142

N	317	WK	170x	5m8	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2795**	E	09 16 03.7	+17 37 40	Cnc	1.40	13.9	142

N	317	WK	170x	5m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2797**	P	09 16 21.7	+17 43 36	Cnc	0.60	14.5	142

N	317	WK	170x	5m8	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**26188**		09 16 46.1	+53 26 33	UMa	0.4	14.7	44

N	317	WK	312x	5m8	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2793**	RU3	09 16 46.6	+34 25 54	Lyn	1.3	13.6	103

N	200	HZ	100x	6m2	4-5	N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**4879**	IR	09 16.1	+52 50	UMa	1.6	13.8p	44

N	200	HZ	120x	6m5	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UA	**154**	Pec	09 16.8	+53 27	UMa	0.5	14.4	44

N	400	CF	240x	6m1	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2809**	L	09 17 06.9	+20 04 07	Cnc	1.30	13.9	142

N	317	WK	170x	5m6	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2813**	L	09 17 45.4	+19 54 23	Cnc	1.30	14.6	142

N	317	WK	170x	5m6	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**4906**	Sa	09 17.7	+52 59	UMa	2.0	13.5p	44

N	200	HZ	120x	6m5	4	N	317	WK	170x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2800**	E	09 18 35.1	+52 30 51	UMa	1.4	13.8	44

N	200	HZ	120x	6m5	4-5	N	400	CF	240x	6m1	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2823**	SBa	09 19 17.4	+34 00 28	Lyn	0.90	15.5	103

N	508	AS	265x	6m0	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2787**	Sa/P	09 19 18.4	+69 12 11	UMa	3.4	11.8	23

R	130	BF	89x	6m4	3	S	200	PE	110x	5m3	3
S	203	PK	60x		3-4	N	210	PA	91x	6m3	3
S	250	FB	96x	5m3	3	N	254	JM	181x	5m0	3-4
N	317	WK	93x	5m2	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2827**	S	09 19 18.9	+33 52 49	Lyn	0.80	15.6	103

N	508	AS	265x	6m0	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2825**	Sa	09 19 22.4	+33 44 33	Lyn	0.90	15.2	103

N	317	WK	312x	5m8	4-5	N	508	AS	265x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2826**	L	09 19 24.1	+33 37 23	Lyn	1.60	14.6	103

N	317	WK	312x	5m8	4	N	508	AS	265x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2828**	S	09 19 34.8	+33 53 17	Lyn	0.40	15.5	103

N	508	AS	265x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2830**	SBa	09 19 41.2	+33 44 15	Lyn	1.20	14.8	103

N	317	WK	312x	5m8	5	N	508	AS	265x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2831**	E0	09 19 45.6	+33 44 39	Lyn	1.4	15.0	103

N	508	AS	265x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2832**	E M	09 19 46.8	+33 44 57	Lyn	3.3	12.8	103

N	200	TJ	45x	5m0	4	N	200	KV	75x	6m5	3
N	200	HZ	100x	6m2	3-4	N	200	DP	102x	5m0	5
S	200	PE	78x	5m3	4	N	250	SB	150x	5m6	3
N	317	TJ	89x	5m0	3	N	317	WK	312x	5m8	3
N	320	PI	144x	6m0	2	N	508	AS	265x	6m0	2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2833**	S	09 19 57.8	+33 55 37	Lyn	0.60	15.6	103

N	317	WK	312x	5m8	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2834**	C	09 20 02.5	+33 42 36	Lyn	0.30	15.5	103

N	317	WK	312x	5m8	5	N	508	AS	265x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2805**	SBd	09 20 20.4	+64 06 08	UMa	6.3	11.5	23

N	200	HZ	80x	6m5	4-5	N	203	KV	75x	6m5	3
N	317	WK	170x	5m8	3-4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2843**	L	09 20 28.7	+18 55 32	Cnc	0.40	16.5	143

N	508	AS	265x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2840**	SBb	09 20 52.7	+35 22 04	Lyn	1.00	14.6	103

N	317	WK	170x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2814**	I	09 21 11.5	+64 15 05	UMa	1.4	14.3	23

N	200	HZ	120x	6m5	5	N	203	KV	200x	6m5	4-5
N	317	WK	170x	5m8	4-5						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2855**	S0-a	09 21 27.5	-11 54 39	Hya	2.7	12.6	278

N	317	WK	93x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2458**	P	09 21 30.2	+64 14 16	UMa	0.5	15.4	23

N	203	KV	200x	6m5	7	N	317	WK	170x	5m5	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2820**	SBc/P	09 21 46.0	+64 15 29	UMa	4.3	13.2	23

N	200	HZ	100x	6m5	4-5	N	203	KV	200x	6m5	4
N	317	WK	170x	5m8	3-4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2841**	Sa-b	09 22 02.3	+50 58 33	UMa	8.1	10.1	44

B	50	CF	10x	6m1	3	R	63	KV	34x	6m0	3	
B	80	HZ	30x	6m2	3	R	102	DS	67x	5m3	3	
N	114	DK	56x	4m7	2-3	N	114	SB	20x	5m0	2	
N	200	KV	48x	5m0	2-3	N	200	HZ	40x		3	
N	200	GK	91x	5m6	2	N	210	PA	91x	6m3	2	
N	254	JM	40x	4m3	3-4	S	280	PP	117x	5m5	1	s
C	300	MW	112x	5m1	2-3	N	317	WK	170x	5m4	2	
N	400	CF	240x	6m1	1	s						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2859**	SBa	09 24 18.6	+34 30 46	LMi	4.8	11.8	103

N	114	DK	56x	5m0	3-4	M	150	PI	50x	5m0	7
N	200	KV	120x	6m5	2-3	S	200	PE	110x	5m3	3
M	228	GI	148x	5m0	3	S	250	FB	167x	5m1	3
N	317	WK	170x	5m0	3	N	317	TJ	230x	5m0	3
N	508	AS	265x	6m0	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2876**	L	09 25 13.8	-06 43 02	Hya	1.70	14.5	278

N	304	PH	203x	5m2	2	p

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**2872**	E2	09 25 42.9	+11 25 56	Leo	1.8	12.9	188

N	200	HZ	120x	6m0	4	S	200	PE	78x	5m4	4

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	2874	SBb-c	09 25 47.8	+11 25 31	Leo	2.2	13.4	188

N	200	HZ	120x	6m0	4			S	200	PE	78x	5m5	4		

UGC	5025	SO	09 26.0	+12 44	Leo	0.6	13.9	188

N	317	WK	312x	6m0	4	p

UGC	5023		09 26.0	+19 23	Leo	0.8	14.4	143

N	317	WK	170x	6m0	4

IC	538	L	09 27 11.3	+23 02 02	Leo	2.10	14.8	143

N	317	WK	170x	5m4	5

NGC	2894	Sa	09 29 30.2	+07 43 04	Leo	1.90	13.3	188

N	203	RH	120x	6m5	2-3

NGC	2880	E3	09 29 34.6	+62 29 26	UMa	2.6	12.5	23

N	210	PA	137x	6m3	4		N	317	WK	170x	5m8 3
N	318	DS	102x	5m4	3		N	368	RV	230x	5m0 3

NGC	2885	P	09 29 40.3	+22 57 38	Leo	0.30	16.5	143

S	200	MC	133x	5m6	7

NGC	2896	S	09 30 16.9	+23 39 47	Leo	0.9	14.8	143

N	317	WK	170x	6m0	3-4

NGC	2906	Sc	09 32 06.2	+08 26 30	Leo	1.40	13.2	188

N	203	RH	120x	6m5	2-3

NGC	2903	Sb-c	09 32 09.7	+21 29 55	Leo	12	9.6	143

B	24	PI	8x	6m3	5		B	50	KH	10x	5m6	3	
B	50	CF	10x	5m5	3		B	50	PI	10x	6m3	5	
R	60	PA	28x	5m4	3		R	63	KV	34x	5m5	3-4	
B	70	GW	10x	6m5	6		B	70	GI	16x	5m3	3	
B	70	GI	16x	5m1	3-4		B	80	PI	20x	6m5	2	s
B	80	WD	15x	5m0	3		R	90	TJ	50x	5m0	3	
R	90	SG	56x	6m3	3		R	102	DS	50x	5m5	3	
N	110	CW	54x	5m3	2		N	114	DK	56x	4m8	2	
N	114	SB	20x	5m0	3		R	120	CF	47x	5m3	3	
S	125	FB	63x	5m6	2-3	s	N	140	RH	50x		2	
R	150	DS	80x	5m2	3		N	200	GK	91x	5m6	2	
N	200	DP	75x	5m0	3		S	200	HM	95x	4m4	2	
S	200	WD	62x	4m5	3		S	200	WG	50x	4m7	3	f
S	200	MC	50x	6m0	2-3		N	200	HR	82x	5m7	2	
N	203	KV	170x	5m0	2		S	203	DS	68x	5m7	2	
N	210	PA	91x	6m3	2		N	250	SB	150x	5m5	2	s
S	250	FB	96x	5m1	2-3		N	254	JM	40x	4m3	3	f
B	280	FD	140x	5m8	2	s	C	300	MW	112x	5m5	2	s
N	300	UN	50x	5m2	2	f	N	317	WK	170x	6m0	2	s
N	320	PI	144x	6m3	1								

NGC	2892	L/P	09 32 52.8	+67 37 01	UMa	1.40	14.1	23

N	317	WK	170x	5m0	3

NGC	2911	E2/P	09 33 46.5	+10 09 08	Leo	4.3	12.5	188

S	200	MC	100x	5m6	4-5		N	203	RH	120x	6m5 3
N	317	WK	170x	5m8	3		N	320	PI	144x	6m0 3

NGC	2913	S	09 34 02.7	+09 28 40	Leo	1.10	14.1	188

S	200	MC	133x	5m6	7

NGC	2914	SBa-b	09 34 02.7	+10 06 31	Leo	1.2	14.1	188

S	200	MC	133x	5m6	7		N	317	WK	170x	5m8 3-4

NGC	2919	SBb	09 34 47.6	+10 17 00	Leo	1.60	13.7	188

S	200	MC	133x	5m6	6		N	317	WK	170x	5m8 3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	2916	Sb	09 34 57.5	+21 42 14	Leo	2.6	12.7	143

N	200	JL	92x	6m3	5		N	200	HZ	100x	6m0	4	
S	200	MC	50x	6m0	4-5		N	210	PA	91x	6m3	4	
C	300	MW	190x	5m6	3		N	317	WK	170x	6m0	3	
N	320	PI	144x	6m3	3								

NGC	2927	SBb	09 37 15.1	+23 35 23	Leo	1.6	13.9	143

N	200	HZ	100x	6m0	4-5		N	317	WK	170x	5m4 4

NGC	2929	S	09 37 29.7	+23 09 38	Leo	1.2	14.5	143

N	317	WK	214x	6m0	4-5		N	400	CF	141x	5m7 3-4

NGC	2930	S	09 37 32.6	+23 12 11	Leo	0.7	14.8	143

B	80	PI	20x	6m0	1		N	317	WK	214x	6m0 4-5
N	400	CF	141x	5m7	3-4						

NGC	2931	S	09 37 37.6	+23 14 24	Leo	0.8	14.9	143

N	317	WK	214x	6m0	4-5		N	400	CF	141x	5m7 4

NGC	2940	L	09 38 05.1	+09 37 00	Leo	0.90	15.1	188

N	317	WK	170x	5m8	4

NGC	2939	Sb-c	09 38 07.9	+09 31 23	Leo	2.50	13.4	188

N	317	WK	170x	5m8	3

PGC	27508		09 38 53.2	-04 51 34	Hya	0.7	15.9	233

N	508	AS	265x	5m8	4

PGC	27509		09 38 53.5	-04 50 57.	Hya	0.5	14.3	233

N	508	AS	265x	5m8	3

PGC	27513		09 38 55.0	-04 51 57.	Hya	0.6	14.9	233

N	508	AS	265x	5m8	4

PGC	27516		09 38 55.9	-04 50 16.	Hya	0.4	15.2	233

N	508	AS	265x	5m8	5

NGC	2958	SBb-c	09 40 41.6	+11 53 17	Leo	1.00	13.9	188

N	317	WK	170x	5m6	4-5

NGC	2962	Sb-c	09 40 54.0	+05 09 55	Hya	3.3	12.9	233

N	200	HZ	120x	6m0	4

UGC	5139	IAB(s)	09 40.4	+71 11	UMa	3.6	12.5	23

N	200	KV	30x	6m5	6-7

UGC	5151	I?	09 40.5	+48 20	UMa	0.8	13	71

N	200	KV	200x	6m5	4

NGC	2955	Sb	09 41 16.4	+35 52 56	LMi	1.8	13.6	103

N	317	WK	170x	5m8	3-4

IC	555	L	09 41 57.0	+12 17 45	Leo	1.00	14.3	188

N	317	WK	170x	5m6	4-5

UGC	5173	Sbc	09 41.5	+11 24.8	Leo	2.3	14.0	188

N	609	SK	360x	6m2	4-5	s

NGC	2967	Sc	09 42 03.3	+00 20 08	Sex	3.0	12.3	233

N	200	HZ	100x	5m8	3

NGC	2974	E4	09 42 33.2	-03 41 59	Sex	3.4	11.9	233

R	152	TE	150x	6m5	3		N	200	HZ	100x	5m8 3
S	200	PE	110x	5m0	3		N	317	WK	93x	5m4 2-3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	2950	Sa/P	09 42 34.8	+58 51 03	UMa	3.2	11.9	45

B	80	HZ	30x	6m5	4		N	200	GK	170x	5m6	2	
S	200	PE	78x	5m3	3		N	210	PA	137x	6m3	3	
S	250	FB	96x	5m3	3		N	317	TJ	230x	6m0	3	
N	317	WK	170x	5m6	2								

NGC	2964	Sc	09 42 54.1	+31 50 47	Leo	3.0	12.0	104					
S	125	FB	63x	5m6	3-4		N	200	GK	119x	5m6	3	
N	200	KV	75x	6m5	3-4		N	200	HZ	120x	6m2	3	
S	200	PE	78x	5m0	3		M	228	GI	124x	5m0	3-4	
N	250	SB	150x	5m5	3		N	254	JM	139x	5m0	3-4	
N	317	WK	170x	5m5	2-3		N	317	TJ	230x	5m0	3	

NGC	2968	I/P	09 43 11.9	+31 55 41	Leo	2.2	12.8	104					
N	200	GK	119x	5m6	4		N	200	KV	75x	6m5	3-4	
N	200	HZ	120x	6m2	3		N	250	SB	150x	5m5	3	
N	254	JM	139x	5m0	4		N	317	WK	170x	5m5	3	
N	317	TJ	230x	5m0	3-4								

NGC	2970	E1	09 43 31.0	+31 58 37	Leo	0.40	14.7	104
N	317	WK	170x	5m5	4			

NGC	2959	SBb/P	09 45 08.9	+68 35 40	UMa	1.3	13.7	23					
R	130	BF	89x	6m8	4		N	200	HZ	100x	6m2	4-5	
S	203	PK	110x		7		N	317	WK	214x	4m5	4	

NGC	2961	S	09 45 22.3	+68 36 31	UMa	0.8	15.7	23					
N	200	KV	75x	6m0	4								

NGC	2976	Sc/P	09 47 14.7	+67 55 01	UMa	4.9	10.8	23					
R	63	KV	34x	6m0	3		B	80	HZ	30x	6m5	3-4	
R	80	HZ	17x	6m5	4		B	80	KH	15x	5m3	5	
R	102	DS	67x	5m4	3-4		N	105	JM	34x	6m5	3	
N	140	RH	100x		4-5		N	200	GK	91x	5m8	3	
N	200	HZ			3		N	200	KV	120x	6m0	2	
N	200	DP	75x	4m5	4		S	203	PK	60x		3-4	
N	210	PA	91x	6m3	3		N	250	SB	74x	5m3	3	
S	250	FB	96x	5m3	3		S	280	PP	117x	5m5	1	

NGC	2957	S M	09 47 17.9	+72 59 03	Dra	0.60	15.5	8					
N	317	WK	170x	5m5	5								

NGC	2963	SBa-b	09 47 49.8	+72 57 50	Dra	1.20	14.3	8					
N	317	WK	170x	5m5	4								

NGC	3003	SBc	09 48 35.9	+33 25 17	LMi	5.9	12.3	104					
N	200	KV	75x	6m0	4		N	200	HZ	100x	6m2	4	
M	228	GI		5m0	7		N	317	WK	93x	6m2	3	
N	317	TJ	89x	5m0	4		N	400	CF	240x	6m2	2	

NGC	2998	Sc	09 48 43.6	+44 04 52	UMa	2.4	13.1	71					
N	400	CF	240x	6m4	3								

NGC	3005	S	09 49 14.9	+44 07 48	UMa	1.1	15.8	71					
N	400	CF	240x	6m4	4-5								

NGC	3002	S	09 49 17.2	+44 01 28	UMa	1.1	15.8	71					
N	400	CF	240x	6m4	6								

NGC	3006	S	09 49 21.3	+43 55 04	UMa	0.7	15.5	71					
N	400	CF	240x	6m4	4								

NGC	3008	S	09 49 34.1	+44 06 03	UMa	0.5	15.5	71					
N	400	CF	240x	6m4	4								

NGC	3011	L	09 49 41.1	+32 13 16	Leo	0.9	14.6	104					
N	200	HZ	190x	6m2	5								

NGC	3016	Sb	09 49 50.6	+12 41 41	Leo	1.20	13.7	188					
N	317	WK	170x	6m0	4								

NGC	3012	C	09 49 52.0	+34 42 51	LMi	1.1	14.9	104					
N	317	WK	170x	5m8	4								

NGC	3023	SBc/P	09 49 52.6	+00 37 06	Sex	2.9	13.0	233					
N	200	HZ	120x	5m8	5								

NGC	3020	SBc	09 50 06.5	+12 48 47	Leo	3.00	12.9	188					
N	317	WK	170x	6m0	4								

NGC	3009	S	09 50 11.2	+44 17 41	UMa	0.7	14.5	71					
N	400	CF	240x	6m4	3								

NGC	2985	Sa-b	09 50 21.4	+72 16 41	UMa	4.2	11.2	23					
B	80	HZ	30x	6m5	4		N	200	HZ	40x	6m2	3	
N	200	GK	57x	5m6	3		S	200	PE	78x	5m5	3	
N	210	PA	137x	6m3	3		S	250	FB	96x	5m3	3	
N	254	JM	181x	5m3	4-5		S	280	PP	117x	5m5	2	s
N	300	HT	188x	6m0	2		N	317	WK	93x	5m2	3	

NGC	3024	Sc	09 50 27.3	+12 45 54	Leo	2.00	13.8	188					
N	317	WK	170x	6m0	4-5								

NGC	3010	S	09 50 34.5	+44 19 25	UMa	0.7	15.3	71					
N	400	CF	240x	6m4	4								

NGC	3021	Sb	09 50 57.2	+33 33 13	LMi	1.7	13.0	104					
N	200	HZ	100x	6m2	3		N	317	WK	170x	5m0	3-4	
N	317	TJ	230x	6m0	3								

NGC	3041	Sc	09 53 07.1	+16 40 37	Leo	3.7	12.4	189					
N	210	PA	91x	6m3	3		S	250	FB	96x	5m1	4	

NGC	3042	L	09 53 20.2	+00 41 50	Sex	1.1	13.8	233					
N	200	HZ	120x	5m8	4-5								

NGC	3044	Sc	09 53 40.8	+01 34 44	Sex	4.8	12.5	234					
N	508	AS	183x	6m0	2	s							

NGC	3031	Sb	09 55 33.5	+69 04 00	UMa	24.90	7.8	23					
N	200	GK	91x	5m8	3								

NGC	3027	SBd	09 55 40.3	+72 12 13	UMa	4.6	12.2	8					
N	200	HZ	80x	6m2	4		N	317	WK	170x	5m5	4-5	

NGC	3034	I/P	09 55 54.0	+69 40 57	UMa	10.50	9.2	23					
N	200	GK	119x	5m8	2	s							

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**81**	SA(s)ab	09 55.6	+69 04	UMa	25	6.9	23

B	30	KH	8x	6m1	2			B	30	BF	8x	6m8	1		
B	40	KV	10x	5m0	5			B	42	CF	10x	6m1	2		
B	50	PA	10x	5m5	3			B	50	PE	10x	5m5	3		
B	60	DK	20x	5m0	2			R	63	KV	53x	6m0	1		
B	70	GI	16x	5m1	2			B	80	KH	15x	5m3	1		
B	80	WD	15x	5m0	2			R	80	BF	30x	6m8	1		
R	90	SG	38x	5m6	1			M	100	MC	50x	5m8	1		
R	102	DS	67x	5m4	2			N	105	JM	14x	4m3	2-3	f	
N	110	CW	110x	5m3	2			N	114	RS	36x	6m0	1		
N	114	DB	36x	5m0	1-2			N	114	AV	50x	5m0	1		
N	114	SB	63x	5m1	2			N	140	RH	100x		2		
R	150	DS	80x	5m3	2			M	150	GI	38x	5m3	1		
M	150	PI	83x	6m	1	s		S	200	HL	77x		3		
S	200	MC	133x	6m4	1	s		S	200	MS	68x	5m0	2		
N	200	TJ	171x	5m0	2	s		N	250	SB	150x	5m3	2		
S	250	FB	96x	5m3	1	s		N	300	HT	94x	6m0	1	s	
N	317	WK	93x	5m2	1-2	s		N	400	CF	141x	5m8	1	s	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**82**	I p	09 55.8	+69 41	UMa	11	8.4	23

B	30	KH	8x	6m1	3			B	30	BF	8x	6m8	2		
B	40	KV	10x	5m0	7			B	42	CF	10x	6m1	2		
B	50	PA	10x	5m5	3			B	50	PE	10x	5m5	4		
B	60	DK	20x	5m0	2			R	63	KV	34x	6m0	1		
B	70	GI	16x	5m1	3			B	80	KH	15x	5m3	2		
B	80	WD	15x	5m0	2			R	80	BF	30x	6m8	1		
R	90	SG	38x	6m9	1-2	s		M	100	MC	50x	5m8	1		
R	102	DS	67x	5m4	3			N	105	JM	14x	4m3	3	f	
N	110	CW	54x	5m3	2			N	114	RS	36x	6m0	1-2		
N	114	DB	36x	5m5	2			N	114	AV	50x	5m0	2		
N	114	SB	63x	5m1	2			N	140	RH	100x		2-3		
M	150	PI	150x	6m	1	s		R	150	DS	80x	5m3	2	s	
M	150	GI	38x	5m3	1			S	200	MC	100x	6m4	1	s	
S	200	MS	113x	5m0	2-3			N	200	TJ	171x	5m0	2		
S	200	HL	77x		3			N	250	SB	150x	5m3	2	s	
S	250	FB	96x	5m3	1	s		N	300	HT	94x	6m0	1	s	
N	317	WK	312x	5m2	1-2	s									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3043**	S	09 56 14.4	+59 18 24	UMa	1.70	13.6	45

N	317	WK	170x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**5336**	Irr	09 57.5	+69 02.9	UMa	2.6	14.2	23

N	609	SK	280x	6m7	5	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3067**	Sb-c	09 58 21.5	+32 22 10	Leo	2.5	12.8	104

N	200	HZ	100x	6m2	4-5			N	317	WK	170x	6m0	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3074**	Sc	09 59 41.2	+35 23 34	LMi	2.2	16.0	104

N	200	HZ	100x	6m2	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**5364**	Ibm V	09 59.3	+30 44	Leo	5.1	12.6	104

N	200	KV	75x	6m0	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3073**	LB	10 00 52.2	+55 37 04	UMa	1.2	14.0	45

N	200	HZ	120x	6m2	5			N	317	WK	214x	6m0	4
N	500	CF	147x	6m8	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**5373**	IB(s)m	10 00.0	+05 20	Sex	5.5	11.3	189

S	200	DK	145x	5m7	3			N	203	KV	75x	6m5	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3065**	Sa	10 01 49.9	+72 10 13	UMa	2.0	12.6	23

N	200	HZ	120x	6m2	3-4			N	200	GK	91x	5m6	5
N	210	HT	91x	6m3	5			N	250	SB	150x	5m2	4
N	300	HT	94x	6m0	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3079**	Sb	10 01 57.7	+55 40 51	UMa	7.6	11.5	45

B	80	HZ	30x	6m5	4			N	114	DB	28x	5m5	5		
S	200	PE	78x	4m7	4			N	200	KV	75x	5m0	3	s	
N	200	HZ	120x	6m2	3	s?		S	250	FB	96x	5m3	3		
N	250	SB	150x	5m2	2	s		N	254	JM	139x	5m3	3-4		
N	317	WK	93x	6m0	3			N	317	TJ	230x	5m0	3		
N	500	CF	147x	6m8	1	s									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**28990**		10 01.1	+55 44	UMa	0.7	14.6p	45

N	500	CF	147x	6m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3066**	SBb/P	10 02 10.0	+72 07 30	UMa	1.2	13.5	23

N	200	HZ	120x	6m2	3-4			N	200	GK	91x	5m6	5
N	210	PA	91x	6m3	5			N	250	SB	221x	5m2	5
N	300	HT	94x	6m0	4			N	317	WK	170x	5m5	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3098**	E7	10 02 16.7	+24 42 39	Leo	2.6	13.0	144

N	200	JL	92x	6m3	5			N	210	PA	91x	6m3	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3077**	E2/P	10 03 20.3	+68 44 04	UMa	4.6	10.6	23

R	63	KV	34x	5m5	4			R	80	HZ	17x	6m5	4
B	80	KH	15x	5m3	5			B	80	HZ	30x	6m5	3-4
R	102	DS	67x	5m4	3-4			N	114	DB	36x	5m5	4-5
N	114	SB	25x	5:	7			R	120	RS	102x	5m5	2-3
N	140	RH	100x		3			S	200	MC	133x	6m4	2
N	200	GK	170x	5m8	3			N	200	HZ	40x		3
S	200	MS	113x	5m0	5			S	203	PK	60x		3
N	210	PA	137x	6m3	3			M	228	GI	78x	5m2	3
N	250	SB	74x	5m3	3			N	254	JM	181x	6m0	3
S	280	PP	117x	5m5	1	s		N	317	TJ	66x	5m0	3
N	317	WK	93x	4m5	3			N	317	WK	93x	5m2	3
N	318	DS	102x	5m2	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**5408**		10 03.8	+59 26	UMa	0.6	14.2	45

N	317	WK	312x	6m0	3-4	f

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3110**	S	10 04 01.9	-06 28 31	Sex	1.8	13.5	279

S	280	FD	200x	6m4	2-3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3106**	L	10 04 05.2	+31 11 07	LMi	1.8	14.2	104

N	200	HZ	100x	6m0	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3107**	S	10 04 22.4	+13 37 17	Leo	0.70	13.8	189

N	317	WK	170x	5m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**5459**	Sc	10 04.8	+53 20	UMa	4.3	13.8	45

N	317	WK	93x	5m8	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3115**	L	10 05 14.1	-07 43 07	Sex	8.3	10.1	279

R	63	KV	34x	5m0	2-3			R	70	FD	54x	5m6	2
R	102	DS	100x	4m0	3			S	125	FB	63x	5m6	2-3
R	152	TE	150x	6m5	2			N	200	GK	91x	5m6	2
S	200	DK	148x	4m7	2			S	203	DS	102x	4m8	3
M	228	GI	148x	4m7	2			S	250	FB	96x	5m1	2-3
N	250	SB	74x	5m3	2			N	317	TJ	177x	5m0	2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**590**	P	10 05 49.8	+00 38 00	Sex		14.9	234

N	317	WK	170x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**5415**	Sb	10 05.2	+72 12.0	UMa	1.3	13.7	23

N	317	WK	170x	5m5	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3119**	C	10 06 47.8	+14 18 51	Leo	0.50	15.4	189

N	317	WK	170x	5m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3121**	E	10 06 51.8	+14 22 24	Leo	1.70	13.9	189

N	317	WK	170x	5m8	3-4	

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**591**	S	10 07 27.6	+12 16 25	Leo	1.2	14.1	189

N	317	WK	170x	6m0	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3126**	Sb	10 08 20.6	+31 51 47	LMi	2.7	13.5	104

N	200	HZ	100x	6m0	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**5470**	E	10 08.5	+12 18	Leo	9.8	11	189

M	150	PI	50x	5m5	5-6		S	200	DK	50x	4m8	7	
S	200	PE	50x	5m5	5		S	280	FD	80x	5m8	5	
N	400	DK	154x	5m5	3-4	s	N	400	CF	57x	6m2	5	
N	460	RS	200x	6m5	3-4		N	609	SK	105x	6m4	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3145**	Sb-c	10 10 09.9	-12 26 06	Hya	3.3	12.5	279

N	317	TJ	230x	5m8	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3156**	E5/P	10 12 41.1	+03 07 45	Sex	2.1	13.1	234

N	200	HZ	100x		4		N	317	WK	170x	5m2	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3150**	S	10 13 26.2	+38 39 27	LMi	0.5	15.5	104

N	317	WK	170x	6m2	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3151**	L	10 13 29.0	+38 37 11	LMi	0.7	15.1	104

N	317	WK	170x	6m2	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3165**	Sdm	10 13 31.4	+03 22 28	Sex	1.30	14.5	234

N	508	AS	140x	6m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3162**	Sc	10 13 31.5	+22 44 12	Leo	3.1	12.2	144

S	200	JL	100x	5m0	3-4		S	200	DK	145x	5m0	3	
N	200	HZ	40x	6m2	4		S	200	PE	78x	5m3	4	
N	210	PA	91x	6m3	3		N	317	WK	170x	5m2	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3152**	LB M	10 13 34.1	+38 50 35	LMi	0.5	15.6	104

N	317	WK	170x	6m2	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3166**	SBa	10 13 45.5	+03 25 31	Sex	4.6	11.4	234

B	80	HZ	30x	6m2	4		R	152	TE	150x	6m5	3	
N	200	HZ	80x		3		N	200	GK	57x	5m6	2	
N	250	SB	150x	6m2	2		S	280	FD	200x	5m6	2	s
N	317	WK	170x	5m2	2		N	317	TJ	177x	5m0	2	
N	508	AS	140x	6m0	2	s							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3158**	E2	10 13 50.5	+38 45 54	LMi	2.3	12.9	104

N	200	HZ	120x	6m2	4		N	317	WK	170x	6m2	3	
N	317	TJ	89x	6m0	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3159**	E2/P	10 13 52.8	+38 39 16	LMi	0.9	15.0	104

N	317	WK	170x	6m2	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3160**	S	10 13 55.2	+38 50 32	LMi	1.3	15.2	104

N	317	WK	170x	6m2	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3161**	E	10 13 59.1	+38 39 26	LMi	0.3	15.5	104

N	200	HZ	120x	6m2	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3163**	L	10 14 07.1	+38 39 08	LMi	1.1	14.3	104

N	200	HZ	120x	6m2	5		N	317	WK	170x	6m2	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3169**	Sb	10 14 14.7	+03 27 59	Sex	5.0	11.2	234

B	80	HZ	30x	6m2	4		S	125	FB	63x	5m6	3	
R	152	TE	150x	6m5	3		N	200	HZ	80x		3	
N	200	GK	57x	5m6	2		S	250	FB	96x	5m1	3	
N	250	SB	150x	6m2	2		S	280	FD	200x	5m6	2	
N	317	WK	170x	5m2	2-3		N	317	TJ	177x	5m0	2	
N	508	AS	140x	6m0	2								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**30008**		10 16 33.8	+22 06 01	Leo	0.5	15.2	144

S	254	TE	286x	6m6	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3177**	Sb-c	10 16 34.1	+21 07 21	Leo	1.7	13.0	144

S	200	DK	145x	5m0	3		N	200	HZ	120x	6m2	3-4	
N	210	PA	91x	6m3	3		N	317	WK	214x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3147**	Sb	10 16 53.2	+73 23 59	Dra	4.0	11.4	8

B	80	HZ	30x	6m5	4-5		S	125	FB	63x	5m6	3	
N	200	KV	200x	5m0	2		N	200	HZ	60x	5m5	3	
N	200	GK	57x	5m6	3		S	200	PE	78x	5m5	3	s
N	317	WK	93x	5m2	3		N	317	TJ	230x	6m5	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3185**	SBb-c	10 17 38.4	+21 41 17	Leo	2.3	12.9	144

S	200	JL	100x	5m0	4		S	200	DK	145x	5m0	3	
N	200	HZ	40x		3-4		S	203	DS	102x	5m7	4	
N	210	PA	91x	6m3	3		S	250	FB	96x	5m1	4	
N	250	SB	221x	5m5	3		S	280	PP	88x	5m5	2	
S	280	FD	140x	5m8	3		N	317	WK	170x	6m2	3-4	
N	317	TJ	62x	5m0	3		N	368	RV	230x	5m1	4	
N	508	AS	183x	6m0	2								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3187**	SBc/P	10 17 47.7	+21 52 24	Leo	3.3	13.6	144

S	200	DK	145x	5m0	5		N	200	HZ	120x	6m2	5	
N	210	PA	91x	6m3	5		S	280	FD	140x	5m8	3	
N	317	WK	170x	6m2	4-5		N	317	TJ	62x	5m0	5	
N	368	RV	230x	5m1	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3179**	L	10 17 57.2	+41 06 51	UMa	2.0	14.1	72

N	317	WK	170x	5m5	3		N	400	CF	141x	6m4	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3190**	Sb	10 18 05.6	+21 49 56	Leo	4.6	12.0	144

S	125	FB	63x	5m6	4		N	200	GK	91x	5m6	3	
S	200	JL	100x	5m0	3		S	200	DK	145x	5m0	2-3	
N	200	HZ	40x		3		S	203	DS	102x	5m7	3	
N	210	PA	91x	6m3	3		N	250	SB	150x	5m5	2	
N	254	JM	139x	5m3	3		S	280	PP	88x	5m5	3	
S	280	FD	140x	5m8	3		N	317	WK	170x	6m2	2-3	
N	317	TJ	62x	5m0	3		N	368	RV	230x	5m1	2-3	
N	508	AS	183x	6m0	2	s							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3184**	Sc	10 18 17.0	+41 25 22	UMa	6.9	10.3	72

B	50	CF	10x	5m8	4-5		R	63	KV	34x	5m5	3-4	
B	80	HZ	30x	6m5	4		N	114	SB	20x	5m0	4	
N	114	DK	56x	4m7	3-4		R	120	RS	102x	5m5	3	
N	140	RH	50x		4		N	200	GK	57x	5m6	2	
N	200	HZ	40x		3		N	200	KV	75x	5m0	3-4	
N	210	PA	91x	6m3	3		S	250	FB	96x	5m3	3	
N	254	JM	139x	5m0	3-4		S	280	FD	200x	5m6	3	
S	280	FD	140x	6m0	1	s	N	317	TJ	177x	6m0	3	
N	320	PI	144x	5m5	2								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3193**	E0	10 18 24.8	+21 53 36	Leo	2.8	11.8	144

S	125	FB	63x	5m6	4		N	200	GK	91x	5m6	3	
S	200	JL	100x	5m0	3		S	200	DK	145x	5m0	2-3	
N	200	HZ	40x		3		S	203	DS	102x	5m7	3	
N	210	PA	91x	6m3	3		N	250	SB	221x	5m5	2	
N	254	JM	139x	5m3	3		S	280	FD	140x	5m8	3	
N	317	WK	170x	6m2	3		N	317	TJ	62x	5m0	3	
N	368	RV	230x	5m1	2-3		N	508	AS	183x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3198**	Sc	10 19 54.9	+45 32 58	UMa	8.3	10.9	72

B	80	HZ	30x	6m5	4-5		N	200	KV	75x	5m0	3-4	
N	200	HZ	40x		3		S	200	PE	78x	5m0	4	
S	250	FB	96x	5m3	3		N	250	SB	150x	5m2	3	
N	317	TJ	89x	6m0	2-3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3204**	SBb	10 20 11.2	+27 49 00	Leo	1.4	14.6	104

N	317	WK	312x	6m2	5								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3209**	E	10 20 38.5	+25 30 15	Leo	1.3	13.7	144

N	317	WK	170x	5m2	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**5588**		10 20.9	+25 22	Leo	0.6	14.0	144

N	317	WK	170x	5m2	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3213**	Sb-c	10 21 17.4	+19 39 04	Leo	1.0	14.3	144

N	200	HZ	120x	6m2	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3216**	E	10 21 41.2	+23 55 22	Leo	1.30	14.7	144

N	200	HZ	100x	6m0	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3183**	SBb-c	10 21 48.6	+74 10 36	Dra	2.2	12.6	8

N	200	HZ	100x	5m8	3-4	
N	200	GK	57x	5m6	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3221**	SBc	10 22 20.2	+21 34 06	Leo	3.0	14.1	144

N	200	HZ	120x	6m2	4-5	
N	508	AS	183x	6m0	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3222**	LB	10 22 34.4	+19 53 10	Leo	1.3	14.0	144

S	200	JL	200x	5m0	4	
N	200	JL	60x	5m0	5	
N	210	PA	91x	6m3	3	
S	280	FD	200x	5m8	3	
N	317	WK	93x	5m4	3	
S	200	DK	145x	5m0	3-4	
N	200	HZ	120x	6m2	4-5	
N	250	SB	150x	5m5	3	
N	317	TJ	62x	5m0	3	
N	368	RV	230x	5m1	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3226**	E2	10 23 26.9	+19 53 49	Leo	2.8	12.4	144

S	200	PE	78x	5m0	4	
N	200	JL	60x	5m0	4	
S	200	DK	145x	5m0	3	
N	210	PA	91x	6m3	3	
N	250	SB	150x	5m5	3	
S	280	FD	200x	5m8	2	s
N	317	TJ	62x	5m0	3	
N	320	PI	144x	6m0	6	
N	200	HZ	100x	6m2	3	
S	200	JL	100x	5m0	3	
S	203	DS	102x	5m7	3	
S	250	FB	96x	5m0	3	
S	280	PP	140x	5m5	1-2	s
N	300	UN	50x	4m7	4	f
N	317	WK	93x	5m4	3	
N	368	RV	230x	5m1	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3227**	Sb	10 23 30.4	+19 51 53	Leo	5.6	11.3	144

S	125	FB	63x	5m6	3-4	
N	200	HR	82x	5m6	3	
N	200	JL	60x	5m0	4	
S	200	DK	145x	5m0	3	
N	210	PA	91x	6m3	3	
S	250	FB	96x	5m0	3	
S	280	FD	200x	5m8	2	s
N	317	WK	93x	5m4	2-3	
S	200	PE	78x	5m0	4	
N	200	HZ	100x	6m2	3	
S	200	JL	100x	5m0	3	
S	203	DS	102x	5m7	3	
N	250	SB	150x	5m5	3	
N	254	JM	139x	5m3	3-4	
S	280	PP	140x	5m5	1-2	s
N	368	RV	230x	5m3	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**606**	C	10 23 32.6	+10 57 33	Leo		15.3	189

N	317	WK	170x	6m0	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3239**	IB/P	10 25 05.5	+17 09 35	Leo	5.2	11.7	144

S	200	DK	145x	5m0	4	
N	200	JL	92x	6m3	6	
N	200	KV	75x	6m5	4	
S	250	FB	96x	5m1	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**610**	NF	10 26 18.0	+20 12 36	Leo	1.90		145

N	317	WK	170x	5m4	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3245**	E5	10 27 18.2	+28 30 26	LMi	3.2	11.7	105

N	114	DB	36x	6m0	4	
N	200	HZ	80x	6m0	3	
S	280	FD	200x	5m7	3	
N	317	WK	170x	5m6	3	
N	200	JL	60x	5m0	3-4	
N	200	GK	91x	5m6	2	
N	317	TJ	89x	6m0	3	
N	333	PA	150x	5m6	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3248**	L	10 27 45.3	+22 50 49	Leo	2.5	13.6	144

N	200	HZ	120x	6m2	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2574**	S	10 28 22.4	+68 24 58	UMa	13.5	10.8	24

N	140	RH	50x	6m0	5	
N	210	PA	91x	6m3	5	
N	317	TJ	89x	5m0	5	
N	200	KV	48x	6m0	4	f
N	317	WK	75x	6m2	4	
N	400	CF	68x	6m3	3-4	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3263**	SB M	10 29 13.3	-44 06 24	Vel	6.20	11.8	399

R	130	BF	56x	5m	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3254**	Sb	10 29 19.9	+29 29 30	LMi	5.1	12.4	105

N	114	DB	42x	6m0	5	
N	200	JL	60x	5m0	5	
S	280	FD	140x	5m7	4	
N	317	WK	170x	5m6	4	
N	200	KV	170x	6m0	4	
N	200	HZ	100x	6m0	3-4	
N	317	TJ	89x	6m0	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3265**	E4	10 31 06.8	+28 47 47	LMi	0.9	14.1	105

N	200	HZ	120x	6m2	5	
N	317	WK	170x	5m6	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3259**	I/P	10 32 34.5	+65 02 26	UMa	2.20	13.0	24

N	318	DS	102x	5m5	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3277**	Sa-b	10 32 55.4	+28 30 42	LMi	2.0	12.5	105

N	200	JL	60x	5m0	4	
N	200	GK	57x	5m6	3	
S	280	FD	140x	5m7	3	s
N	317	WK	170x	5m6	3	
N	200	HZ	100x	6m0	3	
S	200	PE	78x	5m2	3	
N	317	TJ	89x	6m0	3	
N	333	PA	150x	5m6	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3279**	Sc	10 34 42.6	+11 11 47	Leo	2.90	14.0	190

N	317	WK	170x	5m4	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3287**	I	10 34 47.2	+21 38 48	Leo	2.2	13.0	145

N	200	JL	92x	6m4	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3294**	Sc	10 36 16.0	+37 19 27	LMi	3.3	11.9	105

N	114	DB	36x	6m0	3-4	
S	200	PE	78x	5m2	3-4	
S	280	FD	140x	5m6	2	
N	317	TJ	89x	6m0	3	
N	200	HZ	40x	6m2	3	
N	250	SB	74x	5m1	3	
N	317	WK	93x	5m8	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3299**	SBdm	10 36 23.9	+12 42 24	Leo	1.8	13.7	190

N	317	WK	214x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3300**	SBa	10 36 38.5	+14 10 14	Leo	1.8	13.3	190

S	200	DK	145x	5m0	3	
N	317	WK	170x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3301**	Sa	10 36 55.8	+21 52 52	Leo	3.6	12.3	145

N	200	JL	92x	6m4	4	
S	200	PE	78x	5m2	3	
N	200	GK	91x	5m6	3	
N	254	JM	139x	4m5	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3306**	SBm	10 37 10.1	+12 39 07	Leo	1.3	13.8	190

N	317	WK	214x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3304**	SBa	10 37 37.9	+37 27 21	LMi	1.1	14.7	105

N	317	WK	93x	5m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3310**	SBb-c/	10 38 45.6	+53 30 10	UMa	3.6	11.4	46

B	80	HZ	30x	6m5	3	
N	200	HZ	40x		3	
S	250	FB	96x	5m3	3	
N	368	RV	230x	4m9	2	
N	200	GK	91x	5m6	2	
S	200	PE	78x	5m0	2	
N	254	JM	42x	5m3	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3334**	L	10 41 31.1	+37 18 43	LMi	1.1	13.9	105

N	200	HZ	100x	6m2	4-5	
N	317	WK	93x	5m8	4	

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3338	Sb-c	10 42 07.6	+13 44 46	Leo	5.5	11.6	190

B	80	HZ	30x	6m2	5			N	112	CF	90x	6m0	4	
S	200	PE	110x	5m4	4			S	200	DK	145x	5m0	3	
N	200	HZ			3			N	210	PA	91x	6m3	3	
S	250	FB	96x	5m1	4			N	317	WK	93x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3344	Sc	10 43 30.9	+24 55 20	LMi	6.9	10.5	145

B	80	PI	20x	5m8	3	f		B	80	HZ	30x	6m2	3-4	
N	114	DK	56x	4m8	3			N	114	DB	36x	5m5	4	
S	125	FB	63x	5m6	3			N	150	WK	100x	5m5	3	
N	200	KV	75x	5m5	3-4			N	200	HZ	80x		3	
S	280	PP	140x	5m5	2	s		S	280	FD	200x	5m6	3	s
N	320	PI	144x	6m0	3			N	333	PA	200x	5m6	2	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3346	Sc	10 43 38.7	+14 52 18	Leo	2.8	12.5	190

N	210	PA	91x	6m3	3			N	317	WK	170x	5m6	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3357	E	10 44 20.9	+14 05 02	Leo	1.9	14.0	190

N	200	HZ			5			N	317	WK	170x	5m6	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3350	E	10 44 22.9	+30 43 29	LMi	0.50	15.5	105

N	318	DS	102x	5m9	7									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3329	S/I	10 44 39.0	+76 48 33	Dra	1.90	13.0	8

N	318	DS	102x	5m3	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	95	S(B)b	10 44.0	+11 42	Leo	7.4	9.7	190

R	63	KV	34x	5m5	3-4			B	70	GI	16x	5m1	7	
B	80	PI	20x	6m5	3			B	80	PI	20x	6m0	2	
R	90	SG	56x	6m3	3			R	102	DS	50x	5m5	3	
N	110	CW	54x	5m2	3			N	114	DK	56x	4m3	4	
N	114	DB	42x	5m5	4			S	125	FB	74x	5m2	2	
N	140	RH	50x		3			R	150	DS	80x	5m0	3	
N	200	GK	57x	5m6	2			S	200	MS	68x	5m0	2-3	
S	200	WG	78x	4m7	3	f		S	203	DS	102x	5m7	2	
M	228	GI	119x	4m8	2			N	250	SB	74x	5m1	3	
N	254	JM	40x	4m3	3-4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3353	S/P	10 45 22.2	+55 57 33	UMa	1.5	13.2	46

N	200	HZ	120x	6m5	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3367	Sc	10 46 34.9	+13 44 59	Leo	2.3	12.1	190

N	200	GK	57x	5m6	4			S	200	PE	78x	5m4	5	
S	200	DK	145x	5m0	3			N	200	HZ			3	
S	203	DS	102x	5m7	3-4			N	210	PA	91x	6m3	3	
N	317	WK	93x	6m0	3			N	368	RV	160x	4m9	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3359	SBc	10 46 36.3	+63 13 22	UMa	6.8	11.0	24

B	80	HZ	30x	6m5	4-5			N	140	RH	50x	6m0	4	
N	200	HZ	80x		3			S	200	PE	50x	5m0	4	
S	250	FB	167x	5m3	3			S	280	PP	117x	5m0	1	s
N	317	TJ	89x	6m0	4			N	318	DS	102x	5m5	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	96	Sa/b p	10 46.8	+11 49	Leo	7.1	9.2	190

B	50	PI	10x	6m5	4			R	63	KV	34x	5m5	3-4	
B	70	GI	16x	5m1	6			R	72	MS	33x	5m0	3	
B	80	PI	20x	6m5	3			B	80	PI	20x	6m0	2	
R	90	SG	56x	6m3	3			R	102	DS	50x	5m5	3	
N	110	CW	54x	5m4	4			N	114	DB	42x	5m5	3	
N	114	DK	56x	4m3	4			S	125	FB	74x	5m2	2	
N	140	RH	50x		3			R	150	DS	80x	5m0	2-3	
S	200	WG	78x	4m7	3	f	DSF	S	200	MS	68x	5m0	2-3	
N	200	GK	91x	5m6	2			S	203	DS	102x	5m7	2	
M	228	GI	124x	4m5	1			N	250	SB	100x	5m1	2	
N	254	JM	40x	4m3	3-4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3348	E1	10 47 10.0	+72 50 18	UMa	2.2	12.1	24

S	200	PE	78x	5m5	3			N	254	JM	40x	5m3	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3377	E5	10 47 42.3	+13 59 07	Leo	4.4	11.2	190

B	80	HZ	30x	6m0	4			N	112	CF	90x	6m0	2-3	
N	200	GK	91x	5m6	3			S	200	DK	145x	5m0	2	
N	200	HZ	40x	6m2	3			N	200	DP	75x	5m0	3	
S	203	DS	102x	5m7	2-3			N	210	PA	91x	6m3	3	
S	250	FB	96x	5m1	3			S	250	FB	96x	5m6	3	
N	254	JM	179x	5m3	3-4			N	300	UN	50x	5m2	3	f
N	317	WK	93x	6m0	2-3			N	368	RV	160x	4m9	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	105	E1	10 47.8	+12 35	Leo	4.5	9.3	190

B	50	PI	10x	6m5	4			R	63	KV	34x	5m5	3	
B	80	PI	20x	6m5	3-4			B	80	PI	20x	6m0	2	
R	90	SG	56x	6m3	3			R	102	DS	50x	5m5	3	
N	110	CW	54x	5m2	3			N	114	DK	56x	4m3	3-4	
N	114	DB	42x	5m5	3			S	125	FB	74x	5m2	3	
N	140	RH	28x		2			R	150	DS	80x	5m0	2-3	
N	200	GK	91x	5m6	2			N	200	GK	91x	5m6	2	
S	200	MS	68x	5m0	3			S	200	HM	48x	4m3	1	
S	203	DS	102x	5m7	2			N	250	SB	100x	5m1	2	
S	250	FB	96x	5m6	2-3			N	254	JM	40x	4m3	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3374	SBc	10 48 01.0	+43 11 08	UMa	1.30	14.4	73

N	317	WK	170x	5m5	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3380	SBa	10 48 12.1	+28 36 05	LMi	1.5	13.5	105

N	200	HZ	100x	6m2	4-5			S	280	FD	140x	5m7	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3384	E7	10 48 16.7	+12 37 41	Leo	5.9	10.9	190

R	63	KV	34x	5m5	3			R	80	HZ	50x		3	
B	80	PI	20x	6m0	2			R	90	SG	56x	6m3	3	
R	102	DS	50x	5m5	3			N	110	CW	54x	5m2	3	
N	114	DB	42x	5m5	3			N	114	DK	56x	4m3	4	
N	140	RH	28x		3			R	150	DS	80x	5m0	2-3	
S	200	DK	145x	5m0	2			N	200	DP	75x	5m0	3	
N	200	GK	91x	5m6	2			S	200	HM	48x	4m3	1	
S	203	DS	102x	5m7	2			N	210	PA	91x	6m3	2	
S	250	FB	96x	5m6	2-3			N	250	SB	74x	5m1	3	
N	254	JM	40x	4m3	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3381	SB/P	10 48 24.7	+34 42 39	LMi	2.4	12.7	105

N	200	HZ	80x	6m0	4			N	200	GK	119x	5m6	5	
S	200	PE	78x	5m2	4			N	317	WK	93x	5m8	4	
N	318	DS	102x	5m9	3-4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3389	Sc	10 48 28.0	+12 31 57	Leo	2.7	12.5	190

B	80	HZ	30x	6m2	5			N	112	CF	90x	6m0	4-5	
N	200	GK	91x	5m6	3			S	200	PE	78x	5m4	5	
S	200	DK	145x	5m0	3			N	200	HZ	80x		3	
S	203	DS	102x	5m7	4			N	210	PA	91x	6m3	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3391	S	10 48 56.4	+14 13 08	Leo	0.9	13.7	190

S	200	DK	145x	5m0	4			N	200	HZ	100x		5	
N	317	WK	214x	6m0	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3395	Sc	10 49 49.9	+32 58 51	LMi	1.9	12.5	105

N	200	HZ	120x		4			N	200	DP	192x	6m4	3	
N	200	GK	119x	5m6	3			N	250	SB	150x	6m1	3	
N	254	JM	139x	5m0	4			S	280	FD	140x	5m6	3	
N	317	WK	93x	5m8	3			N	318	DS	102x	5m9	3	
N	360	RS	200x		2-3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3396	I/P	10 49 55.6	+32 59 24	LMi	2.8	12.6	105

N	200	HZ	120x		4			N	200	DP	102x	6m4	4	
N	200	GK	119x	5m6	3			N	250	SB	150x	6m1	3	
N	254	JM	139x	5m0	4-5			S	280	FD	140x	5m6	3	s
N	317	WK	93x	5m8	3			N	318	DS	102x	5m9	3	
N	360	RS	200x		2-3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3400	SBa	10 50 45.5	+28 28 06	LMi	1.1	14.3	105

S	280	FD	140x	5m6	4									

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3412**	E5	10 50 53.3	+13 24 44	Leo	3.6	11.4	190

B	80	HZ	0x	6m0	4			B	100	JM	25x	6m0	4-5				
N	112	CF	90x	6m0	3			S	125	FB	63x	5m6	3				
S	200	DK	145x	5m0	2			N	200	HZ			3				
N	200	DP	75x	5m0	4			N	200	GK	170x	5m6	3				
N	210	PA	91x	6m3	3			N	317	WK	170x	6m0	3				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3436**	S	10 51 06.5	+07 58 01	Leo	0.30	16.0	190

N	317	WK	170x	5m8	4-5												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3423**	Sc	10 51 14.4	+05 50 22	Sex	3.9	11.6	190

N	200	HZ	40x		4			N	317	WK	170x	5m5	4				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3414**	SBa	10 51 16.1	+27 58 28	LMi	3.6	11.9	145

B	80	HZ	30x	6m2	4-5			N	114	DK	56x	4m8	4				
N	200	JL	60x	5m0	3			N	200	HZ	100x	6m2	3				
N	200	GK	119x	5m6	3			S	200	PE	78x	5m5	3				
N	254	JM	139x	5m3	4-5			S	280	FD	140x	5m6	3		s		
N	320	PI	144x	6m0	3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3419**	LB	10 51 17.8	+13 56 42	Leo	1.1	13.8	190

N	200	HZ	100x		4-5			N	317	WK	214x	6m0	3-4				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3413**	L	10 51 20.7	+32 45 56	LMi	2.4	13.1	105

N	200	HZ	100x		3-4			N	200	DP	102x	6m4	4				
S	280	FD	140x	5m6	4			N	317	WK	93x	5m8	3-4				
N	318	DS	102x	5m9	3-4												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3418**	SBa	10 51 23.9	+28 06 42	LMi	1.1	14.4	105

N	200	HZ	120x	6m2	5			S	280	FD	140x	5m6	5				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3425**	L	10 51 25.0	+08 34 00	Leo	1.00	14.3	190

N	317	WK	170x	6m0	4-5												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3427**	L	10 51 26.2	+08 17 52	Leo	1.10	14.1	190

N	317	WK	170x	6m0	4												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3415**	E4	10 51 42.4	+43 42 44	UMa	2.4	13.3	73

N	317	WK	170x	5m5	3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3424**	SBb	10 51 46.2	+32 53 59	LMi	3.0	13.2	105

N	200	HZ	100x		4			N	200	DP	102x	6m4	3				
S	280	FD	140x	5m6	3			N	317	WK	93x	5m8	3				
N	318	DS	102x	5m9	3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3434**	Sb	10 51 58.0	+03 47 29	Leo	2.1	13.1	235

N	200	HZ	100x	6m0	3-4												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**5953**	E-SO	10 51.3	+44 34.3	Uma	0.7	12.5	73

N	317	WK	170x	5m5	3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3433**	Sb	10 52 04.0	+10 08 50	Leo	3.5	12.5	190

S	200	DK	145x	5m0	4												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3430**	Sc	10 52 11.5	+32 57 01	LMi	3.9	12.2	105

M	150	PI	30x	5m0	6			N	200	HZ	100x		4				
N	200	DP	102x	6m4	4			S	200	PE	78x	5m2	3-4				
S	280	FD	140x	5m6	3			N	317	WK	93x	5m8	3				
N	318	DS	102x	5m9	3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3432**	SBm	10 52 31.0	+36 37 06	LMi	6.2	11.7	105

N	114	DK	56x	5m0	5			N	114	DB	36x	6m0	3				
N	200	KV	120x	6m0	4			N	200	HZ	60x	6m2	3-4				
N	200	DP	102x	6m4	3			S	200	PE	110x	5m5	4				
S	280	FD	140x	5m6	2	s		N	317	TJ	89x	6m0	3				
N	320	PI	83x	6m0	1												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3441**	S	10 52 31.0	+07 13 28	Leo	0.7	14.2	190

N	317	WK	312x	5m5	4-5												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3437**	Sb	10 52 35.3	+22 56 04	Leo	2.6	12.8	145

N	200	JL	92x	6m4	4-5												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3442**	Sa	10 53 08.0	+33 54 34	LMi	0.6	13.8	105

N	200	HZ	190x	6m2	4-5			N	317	WK	93x	5m8	4				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3440**	SBb	10 53 49.5	+57 07 06	UMa	2.1	14.0	46

N	200	HZ	120x	6m5	4-5			N	317	WK	170x	6m0	4-5				
N	368	RV	230x	4m9	7												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3451**	Sc	10 54 21.1	+27 14 21	LMi	1.7	13.5	105

N	200	HZ	100x	6m2	5												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3445**	Sc	10 54 35.8	+56 59 22	UMa	1.6	12.9	46

N	200	HZ	100x	6m5	3-4			N	250	SB	150x	5m2	4				
N	317	WK	170x	6m0	3			N	318	DS	102x	5m5	4				
N	368	RV	230x	4m9	4-5												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3448**	I/P	10 54 38.8	+54 18 17	UMa	5.4	12.5	46

B	80	HZ	30x	6m5	4-5			N	200	KV	75x	6m0	4				
N	200	HZ	80x	6m2	3			N	317	WK	170x	6m0	3				
N	368	WK	230x	4m9	3-4			N	400	CF	141x	5m7	1-2				
N	508	AS	265x	6m2	3	s											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3435**	Sb	10 54 48.2	+61 17 18	UMa	1.7	14.0	24

N	200	HZ	120x	6m5	5												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3462**	L	10 55 21.0	+07 41 47	Leo	1.7	13.3	190

N	317	WK	170x	5m5	3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3458**	LB	10 56 01.4	+57 07 00	UMa	1.7	13.3	46

N	200	HZ	120x	6m5	5			N	250	SB	150x	5m2	4				
N	317	WK	170x	6m0	3			N	318	DS	102x	5m5	3-4				
N	368	RV	80x	4m9	2-3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**33056**		10 58 56.9	+72 38 34	UMa		14.5	8

N	317	WK	312x	6m0	4-5	p											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3471**	Sa	10 59 08.8	+61 31 47	UMa	1.7	13.2	24

N	200	HZ	120x	6m2	3-4												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3481**	P	10 59 26.4	-07 32 41	Crt	0.9	14.0	280

S	280	FD	200x	6m4	5												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3485**	SBb-c	11 00 02.4	+14 50 26	Leo	2.40	12.7	191

N	200	GK	91x	5m6	5												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3489**	E6	11 00 18.4	+13 54 01	Leo	3.7	11.1	131

B	80	HZ	30x	6m0	3-4			N	112	CF	93x	6m0	3				
N	200	DP	192x	5m5	3			N	200	GK	119x	5m6	3				
S	250	FB	167x	5m1	3			N	368	RV	230x	5m0	2-3				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3486**	Sc	11 00 24.0	+28 58 30	LMi	6.9	11.0	106

B	80	HZ	30x	6m2	4			N	114	DK	56x	4m8	4				
N	114	DB	36x	5m5	5			S	125	FB	63x	5m6	3				
S	200	WG	50x	4m7	4	f		N	200	JL	60x	5m0	3				
N	200	HZ	80x		3			N	200	GK	91x	5m6	3				
N	254	JM	139x	5m3	3-4			S	280	PP	117x	5m5	1		s		
S	280	FD	140x	5m7	2	s		N	333	PA	150x	5m6	2		s		
N	360	RS	81x		3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**6071**	E	11 00.1	+50 03	UMa	1.4	14.4	46

N	317	WK	170x	5m6	3-4												

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3495	Sb	11 01 15.8	+03 37 35	Leo	4.4	12.7	236

N	200	HZ	100x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3488	SBc	11 01 23.6	+57 40 37	UMa	1.9	13.6	49

N	200	HZ	120x	6m5	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	6100	Sa?	11 01.6	+45 39	UMa	0.9	14.1	73

N	317	WK	214x	5m5	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3501	Sc	11 02 47.3	+17 59 21	Leo	3.90	13.7	146

N	609	SK	360x	6m2	3	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	6103		11 02.0	+45 14	UMa	0.7	13.4	73

N	317	WK	214x	5m5	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	6110	S	11 02.6	+59 08	UMa	1.2	14.9	46

N	200	HZ	120x	6m5	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3499	I	11 03 10.9	+56 13 18	UMa	0.7	14.4	46

N	200	HZ	120x	6m5	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3504	Sb	11 03 11.1	+27 58 21	LMi	2.7	11.7	106

B	80	HZ	30x	6m2	4-5		S	125	FB	63x	5m6	3-4		
N	200	JL	60x	5m0	3-4		N	200	GK	91x	5m6	3		
S	200	PE	78x	5m5	3		N	254	JM	139x	5m3	3		
S	280	PP	56x	5m5	1	s	S	280	FD	140x	5m7	2	s	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3507	SBb	11 03 25.5	+18 08 03	Leo	3.5	12.7	146

S	200	PE	110x	5m3	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3510	SBm	11 03 43.7	+28 53 03	LMi	3.8	13.2	106

N	200	JL		5m0	7		N	200	HZ	100x	6m0	4		
S	280	FD	140x	6m0	2		N	333	PA	100x	5m6	4		
N	360	RS	200x		4-5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	6117	Sba	11 03.1	+50 13	UMa	1.0	14.5	46

N	317	WK	170x	5m6	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	6125	Sba-b	11 03.7	+45 11	UMa	1.4	14.8	73

N	317	WK	170x	5m5	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3512	Sc	11 04 02.7	+28 02 13	LMi	1.7	13.0	106

N	200	JL		5m0	7		N	200	HZ	100x	6m0	3-4		
N	200	GK	91x	5m6	4		S	280	FD	140x	5m7	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	33435	S	11 04 04.4	+45 15 44	UMa		14.8	73

N	317	WK	170x	5m5	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	6135	S	11 04.6	+45 08	UMa	1.0	13.0	73

N	317	WK	170x	5m5	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3517	Sa-b	11 05 36.9	+56 31 29	UMa	0.9	13.8	46

N	200	HZ	120x	6m3	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3521	Sb-c	11 05 48.8	-00 02 15	Leo	9.5	10.0	236

B	80	HZ	30x	6m0	3		S	125	FB	63x	5m6	2-3		
N	200	HZ	40x		3		N	250	SB	221x	5m3	2		
S	280	PP	117x	6m0	1		N	317	WK	93x	6m2	2		
N	320	PI	144x	6m0	3		N	368	RV	230x	5m3	2		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3516	LBR	11 06 47.5	+72 34 07	UMa	2.3	12.5	24

N	317	WK	170x	6m0	2-3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	669	L	11 07 16.5	+06 18 09	Leo	0.50	14.4	191

N	317	WK	170x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	670	L	11 07 28.7	+06 42 50	Leo	0.50	14.5	191

N	317	WK	170x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3530	S	11 08 40.3	+57 13 47	UMa	0.6	14.6	46

N	200	HZ	200x	6m5	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3547	S/P	11 09 55.9	+10 43 13	Leo	2.2	13.1	191

S	200	DK	145x	5m0	3-4		N	210	PA	91x	6m3	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	6201		11 09.7	+46 48.9	Uma	0.7	13.4	73

N	317	WK	170x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	6206	Sbc	11 09.8	+12 46.2	Leo	0.7	13.6	191

N	317	WK	170x	5m8	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	6204	Sb	11 09.9	+24 16	Leo	1.0	14.5	146

N	317	WK	170x	5m6	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	6207	SB	11 09.9	+24 15	Leo	1.5	14.6	146

N	317	WK	170x	5m6	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3550	P	11 10 38.3	+28 46 02	UMa	1.00	14.2	106

N	317	WK	170x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3552	L M	11 10 42.8	+28 41 33	UMa	0.7	14.8	106

N	317	WK	170x	6m0	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3559	S/P	11 10 45.1	+12 00 57	Leo	1.30	13.7	191

N	317	WK	170x	5m8	3-4		N	400	CF	150x	6m0	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3554	C	11 10 47.8	+28 39 36	UMa	0.4	15.5	106

N	317	WK	170x	6m0	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3543	S/P	11 10 56.5	+61 20 47	UMa	1.3	14.9	46

N	200	HZ	120x	6m5	5-6	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3549	Sb	11 10 56.8	+53 23 15	UMa	3.2	12.8	46

N	200	HZ	100x	6m3	3-4		N	368	WK	230x	4m9	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	108	Sc	11 11.5	+55 40	UMa	8.3	10.1	46

B	50	PI	10x	6m5	3		B	50	RS	10x		5		
B	50	CF	10x	5m8	4-5		R	63	KV	34x	5m5	3		
M	100	MC	38x	5m8	3-4		N	114	RS	56x	6m0	2-3		
N	114	SB	25x	5m0	4		N	114	AV	50x	4m8	4-5		
N	114	DB	36x	5m5	4-5		N	114	DK	56x	4m8	3		
R	120	RS	102x	5m5	2-3	s	S	125	FB	74x	5m2	3		
R	130	BF	20x	7m2	1		N	140	RH	50x		3		
M	150	PI	50x	4m5	5	f	N	150	RY	48x	5m4	3		
M	150	GI	38x	5m3	5		N	200	DP	75x	5m0	2		
S	200	PE	110x	5m5	2	s	S	200	MS	68x	5m0	3		
N	200	GK	91x	5m6	2		N	200	AM	128x	5m3	2		
S	200	WD	62x	4m5	3		N	254	JM	42x	6m0	3		
N	300	UN	50x	5m5	2	f	N	318	DS	102x	5m3	2		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	6227	E-SO	11 11.5	+47 02.1	Uma	0.8	13.2	73

N	317	WK	170x	6m0	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3562	E	11 12 58.4	+72 52 43	Dra	1.70	13.2	9

N	317	WK	170x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3577	SBa	11 13 44.8	+48 16 22	UMa	1.40	15.2	73

N	317	WK	170x	6m0	5	

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**677**	Sb	11 13 56.6	+12 18 04	Leo	0.60	13.7	191

N	317	WK	170x	5m8	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**6253**	E0 p	11 13.5	+22 09	Leo	12	12	146

S	200	DK	50x	5m0	5			N	400	DK	154x	5m0	4
N	609	SK	168x	6m4	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**6255**	Sbc	11 13.7	+47 34.7	Uma	0.8	13.2	73

N	317	WK	170x	6m0	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3583**	Sc	11 14 11.0	+48 19 04	UMa	2.8	12.0	73

B	80	HZ	30x	6m5	4-5			S	200	PE	110x	5m3	3-4
N	317	WK	170x	6m0	2-3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3593**	Sb	11 14 37.0	+12 49 04	Leo	5.8	11.9	191

B	80	HZ	30x	6m2	4			N	112	CF	90x	6m0	3-4
S	200	DK	145x	5m0	2-3			N	200	HZ			3
N	200	HR	82x	5m6	4			S	200	MC	78x	5m3	3
N	210	PA	91x	6m3	3			S	250	FB	96x	5m1	3-4
N	254	JM	181x	4m3	4			N	300	UN	50x	4m7	5 f
N	320	PI	144x	6m0	3			N	368	RV	230x	5m0	3
N	400	DP	82x	6m0	2			N	400	CF	57x	6m2	2
N	508	AS	183x	5m8	2								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3596**	Sc	11 15 06.1	+14 47 11	Leo	4.2	11.6	191

B	80	HZ	30x	6m0	4-5			N	112	CF	90x	6m0	4
S	200	PE	78x	5m4	4			S	200	DK	145x	5m0	3
N	200	HZ	100x	6m0	3-4			N	200	DP	102x	5m5	4
S	200	MC	100x	5m3	4			S	200	MC	100x	5m3	4
N	210	PA	91x	6m3	3			S	250	FB	96x	5m1	4
C	300	MW	112x	5m5	3-4			N	300	UN	50x	5m2	4 f
N	400	DP	82x	6m0	3			N	400	CF	150x	6m0	2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3598**	L	11 15 11.5	+17 15 43	Leo	1.80	13.3	146

N	200	HZ	100x	6m2	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3589**	Sdm	11 15 13.3	+60 42 00	UMa	1.6	14.4	46

N	200	HZ	120x	6m5	5-6			N	317	WK	170x	5m6	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3595**	E	11 15 25.4	+47 26 47	UMa	1.7	13.1	73

N	200	KV	200x	6m5	2-3			N	317	WK	170x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3599**	L	11 15 26.8	+18 06 35	Leo	2.8	12.8	146

S	200	PE	110x	5m7	4			S	200	DK	145x	5m0	3-4
N	200	JL	60x		5			N	200	GK	119x	5m6	4
N	210	PA	91x	6m3	3			N	368	RV	160x	4m9	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2666**	S	11 15 43.8	+13 46 54	Leo	0.60	14.7	191

N	317	WK	170x	5m8	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3600**	Sa	11 15 52.0	+41 35 26	UMa	4.3	12.6	73

N	317	WK	93x	5m8	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3606**	E	11 16 15.6	-33 49 41	Hya	1.5	13.4	367

S	200	PE	110x	5m7	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3605**	E3	11 16 46.6	+18 01 01	Leo	1.7	13.1	146

S	200	PE	110x	5m7	4	f		S	200	DK	145x	5m0	3-4
N	200	JL	160x		5			N	200	HZ	100x	6m0	4
N	200	GK	119x	5m6	3			N	210	PA	91x	6m3	4
N	368	RV	160x	4m9	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3607**	E1	11 16 54.5	+18 03 06	Leo	3.7	10.9	146

R	63	KV	53x	5m0	4			B	80	HZ	30x	6m0	3-4
S	125	FB	63x	5m6	3			S	200	PE	50x	5m5	2
S	200	PE	110x	5m7	2			S	200	DK	145x	5m0	2-3
N	200	JL	160x		3			N	200	HZ	40x	6m0	3
N	200	GK	119x	5m6	2			N	200	HR	82x	5m7	3
N	210	PA	91x	6m3	3			S	250	FB	96x	5m1	2-3
N	254	JM	181x	4m0	3	f		N	368	RV	160x	4m9	2-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3608**	E3	11 16 59.0	+18 08 51	Leo	3.0	11.7	146

R	63	KV	53x	5m0	4-5			B	80	HZ	30x	6m2	4
S	200	DK	145x	5m0	2-3			N	200	JL	160x		3
N	200	HZ	40x	6m0	3			N	200	GK	119x	5m6	2
N	200	HR	82x	5m7	3			N	210	PA	91x	6m3	3
S	250	FB	96x	5m1	3			N	254	JM	181x	4m0	3-4 f
N	368	RV	160x	4m9	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3611**	Sa	11 17 30.1	+04 33 17	Leo	2.4	12.8	236

N	200	HZ	120x	6m0	3			N	210	PA	137x	6m3	4
N	317	WK	170x	5m8	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3615**	E	11 18 06.5	+23 23 49	Leo	1.4	13.8	146

N	400	CF	141x	6m4	2								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3621**	Sc	11 18 15.8	-32 48 42	Hya	12.40	9.7	367

S	125	FB	50x	6m3	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3610**	E2/P	11 18 24.9	+58 47 10	UMa	3.2	11.7	46

B	80	HZ	30x	6m5	3			N	114	DB	36x	5m5	4
N	200	HZ	100x	6m2	3			N	200	DP	36x	5m0	4
N	200	GK	119x	5m6	2			S	200	PE	110x	5m3	3
S	250	FB	96x	5m3	2-3			N	254	JM	139x	5m3	3
N	317	TJ	230x	6m0	2			N	368	RV	230x	4m9	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3618**	S R	11 18 32.4	+23 28 06	Leo	0.9	14.4	146

N	400	CF	141x	6m4	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2708**	E	11 18 34.5	+12 42 40	Leo	0.60	15.3	191

N	317	WK	170x	5m8	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3613**	E5	11 18 35.9	+58 00 00	UMa	3.6	11.8	46

B	80	HZ	30x	6m5	4			N	200	HZ	100x	6m2	3
N	200	DP	36x	5m0	4			S	200	PE	110x	5m3	3
N	254	JM	139x	5m3	3			N	318	DS	76x	4m5	3
N	368	RV	230x	4m9	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**6312**	SB?O-a	11 18.0	+07 51	Leo	1.2	14.9	191

N	317	TE	176x	6m5	3-4			N	317	WK	170x	5m8	4-5
N	508	AS	183x	5m6	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**65**	Sa/b	11 18.9	+13 05	Leo	8.7	9.3	191

B	30	KH	8x	5m8	5			B	50	CF	10x	5m5	3
B	50	PI	10x	6m5	3-4			R	53	JL	23x	4m6	5
R	60	PA	28x	5m4	3			R	63	KV	34x	5m5	3
B	70	GI	16x	5m1	6			B	70	GI	16x	5m5	3
B	70	GW	10x	6m5	3	f		B	70	MC	25x	5m0	3
R	75	AT	25x	6m3	3			B	80	PI	20x	6m0	2
B	80	WD	15x	5m0	3			R	90	SG	56x	6m3	3
R	102	DS	50x	5m0	3			N	110	CW	54x	5m4	2
N	114	DK	25x	4m7	3			N	114	SB	20x	5m1	4
S	125	FB	74x	5m2	2			N	140	RH	50x		3
R	150	DS	80x	5m0	2-3			N	200	HR	47x	5m5	1
S	200	HL	77x		2			S	200	WD	62x	4m5	3
S	200	HM	48x	4m3	1			S	200	PE	50x	5m0	2
S	200	MC	50x	5m3	2			S	200	MS	68x	5m0	2
S	200	JL	64x	5m0	2	s		M	228	GI	124x	4m9	1
N	250	SB	100x	5m4	2			S	250	FB	96x	5m6	2
S	250	FB	96x	5m7	2			N	254	JM	40x	4m0	3 f
S	280	PP	117x	6m0	1	s		N	300	UN	167x	4m7	2 f
N	300	UN	50x	5m5	2	f		N	320	PI	72x	6m3	1

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3619**	Sa	11 19 21.5	+57 45 28	UMa	3.1	12.4	46

B	80	HZ	30x	6m5	5			N	200	HZ	100x	6m2	4				
N	200	DP	36x	5m0	5			N	254	JM	139x	5m3	4-5				
N	317	WK	170x	5m8	3			N	318	DS	76x	4m5	4				

MCG	**+6-25-43**	11 19.3	+34 08	UMa	0.6	15.0	106

N	317	WK	312x	6m2	6												

NGC	**3626**	Sa-b	11 20 03.6	+18 21 22	Leo	3.1	11.8	146

B	80	HZ	30x	6m2	4-5			R	90	TJ	50x	5m0	3				
S	125	FB	63x	5m6	3			S	200	PE	50x	5m5	3				
S	200	PE	110x	5m7	3			S	200	DK	145x	5m0	3				
N	200	HZ	100x	6m0	3-4			N	200	GK	91x	5m6	3				
N	200	GK	119x	5m6	2			N	200	HR	82x	5m6	3				
S	250	FB	96x	5m1	3			N	254	JM	96x	5m3	3				

NGC	**3628**	Sb	11 20 16.7	+13 35 22	Leo	15	10.4	191									
B	50	PI	10x	6m5	7			R	53	JL	23x	4m6	6				
R	60	PA	28x	5m4	4			R	63	KV	34x	5m5	3-4				
B	70	GW	10x	6m5	6			B	70	GI	16x	5m5	5				
B	70	GI	16x	5m1	7			B	80	PI	20x	6m0	2				
B	80	HZ	30x	6m0	3			R	90	SG	56x	6m3	4				
R	102	DS	50x	5m4	4			N	110	CW	54x	5m4	3				
N	114	DK	56x	4m5	4-5			S	125	FB	50x	5m2	3				
N	140	RH			7			R	150	DS	80x	5m0	3-4	s			
S	200	WD	62x	4m5	3			S	200	JL	64x	5m0	3				
S	200	MS	68x	5m0	4			S	200	PE	50x	5m0	4				
N	200	DP	75x	5m0	3			N	200	HZ			3				
S	200	MC	50x	5m3	3			N	200	HR	47x	5m5	4				
S	200	HM	48x	4m3	1			N	210	PA	91x	6m3	2				
M	228	GI	119x	4m8	3			S	250	FB	96x	5m1	3				
N	250	SB	74x	5m4	3			N	254	JM	42x	6m0	3-4				
N	300	UN	167x	4m7	2	f		C	300	MW	112x	5m5	3-4				
N	300	UN	50x	5m5	2	f		N	320	PI	144x	6m0	3				

NGC	**3630**	E7	11 20 16.9	+02 57 50	Leo	1.7	13.0	236

N	200	HZ	100x	6m0	3			N	210	PA	91x	6m3	4				
N	317	WK	170x	5m6	3			N	368	RV	230x	5m3	3				

NGC	**3634**	E M	11 20 30.3	-09 00 51	Crt	0.3	15.5	281

S	280	FD	200x	6m4	4-5												

NGC	**3625**	SBb	11 20 31.2	+57 46 50	UMa	2.00	13.9	46

N	200	HZ	100x	6m5	4-5			N	317	WK	170x	5m8	4-5				

NGC	**3635**	S	11 20 31.3	-09 00 49	Crt	1.5	15.3	281

S	280	FD	318x	6m4	4			S	280	FD	200x	6m4	7				

M	**66**	Sb	11 20.2	+12 59	Leo	8.7	9.0	191

B	30	KH	8x	5m8	3-4			B	50	CF	10x	5m5	2-3				
B	50	PI	10x	6m5	3			R	53	JL	23x	4m6	5				
R	60	PA	28x	5m4	3			R	63	KV	34x	5m5	3				
B	70	GI	16x	5m5	2			B	70	GW	10x	6m5	2				
B	70	MC	25x	5m0	3			B	70	GI	16x	5m1	4				
R	75	AT	25x	6m3	3			B	80	WD	15x	5m0	3				
B	80	PI	20x	6m0	2			R	90	SG	56x	6m3	3				
R	102	DS	50x	5m5	3			N	110	CW	54x	5m4	2				
N	114	SB	20x	5m1	2			N	114	DK	25x	4m7	3				
S	125	FB	74x	5m2	2			N	140	RH	50x		2				
R	150	DS	80x	5m0	2-3			S	200	HL	77x		3				
S	200	JL	64x	5m0	2	s		S	200	MS	68x	5m0	2				
S	200	PE	50x	5m0	2			S	200	WD	62x	4m5	3				
S	200	HM	48x	4m3	1			S	200	MC	50x	5m3	2				
N	200	HR	47x	5m5	1			M	228	GI	124x	4m9	1				
S	250	FB	96x	5m7	2			N	250	SB	74x	5m4	2				
N	254	JM	40x	4m0	3	f		S	280	PP	117x	6m0	1	s			
N	300	UN	50x	5m5	2	f		N	300	UN	167x	4m7	2	f			
N	320	PI	72x	6m3	1												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**6345**	IB	11 20.2	+02 32	Leo	2.3	13.4	236

N	317	WK	170x	5m6	5												

UGC	**6347**	Sa-b	11 20.3	+34 06	UMa	1.1	15.3	106

N	317	WK	312x	6m2	4-5												

NGC	**3631**	Sc	11 21 02.7	+53 10 09	UMa	4.6	10.8	46

R	63	KV	34x	6m0	4-5			B	80	HZ	30x	6m5	4				
N	200	HZ	40x		3			N	200	DP	36x	5m0	4				
N	200	GK	91x	5m6	3			S	200	PE	110x	5m3	3				
S	250	FB	96x	5m3	3			N	254	JM	139x	5m3	3-4				
N	317	WK	170x	5m6	2			N	320	PI	45x	6m5	3				

IC	**2735**	Sa-b	11 21 03.8	+34 20 38	UMa	0.80	15.4	106

N	317	WK	312x	6m2	4-5												

NGC	**3640**	E1	11 21 06.7	+03 14 03	Leo	4.1	11.3	236

R	63	KV	53x	5m0	4			B	80	HZ	30x	6m2	4				
N	200	HZ	40x	6m0	3			S	200	PE	78x	5m5	3				
N	210	PA	91x	6m3	3			S	250	FB	96x	5m1	3				
N	368	RV	230x	5m3	2-3												

NGC	**3641**	E1	11 21 08.8	+03 11 39	Leo	0.80	14.1	236

N	317	WK	170x	5m6	4			N	368	RV	230x	5m3	4				

IC	**2738**	C	11 21 23.0	+34 21 24	UMa	0.80	14.8	106

N	317	WK	312x	6m2	5												

PGC	**34803**		11 21 26.9	+34 27 09	Uma		15.7	106

N	317	WK	312x	6m2	7												

IC	**2744**	C	11 21 42.6	+34 21 44	UMa	0.80	15.5	106

N	317	WK	312x	6m2	5												

NGC	**3646**	Sc	11 21 43.2	+20 10 07	Leo	3.9	11.8	146

N	200	JL	60x		4			N	317	WK	170x	6m0	3				

IC	**2746**	C	11 21 47.2	+11 44 16	Leo	1.60	15.1	191

N	317	WK	312x	5m8	4	f											

MCG	**+6-25-51**		11 21.5	+33 58	UMa	0.5	15.0	106

N	317	WK	312x	6m2	6-7												

IC	**2751**	S	11 22 03.2	+34 18 49	UMa	0.80	15.4	106

N	317	WK	312x	6m2	5												

NGC	**3649**	SBa	11 22 14.8	+20 12 29	Leo	1.40	14.6	146

N	317	WK	170x	6m0	3-4												

NGC	**3642**	Sc	11 22 17.5	+59 04 28	UMa	5.8	11.6	46

B	80	HZ	30x	6m5	5			N	140	RH	100x	6m0	5				
N	200	HZ	80x	6m2	3-4			N	254	JM	139x	5m3	4-5				
N	317	WK	170x	5m8	3			N	317	TJ	89x	6m0	3-4				

NGC	**3651**	E	11 22 26.3	+24 17 54	Leo	1.1	14.6	146

N	400	CF	240x	6m4	3												

NGC	**3653**	L	11 22 30.0	+24 16 45	Leo	0.9	15.3	146

N	400	CF	240x	6m4	3												

NGC	**3650**	Sb	11 22 35.4	+20 42 15	Leo	1.60	14.7	146

N	317	WK	170x	6m0	4												

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3655**	S	11 22 54.7	+16 35 21	Leo	1.6	12.3	191

N	200	WK	93x	5m5	3		S	200	DK	67x	5m7	2-3	
N	200	HZ	80x	6m0	3		S	200	MC	78x	5m3	3	
N	400	DP	82x	6m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**6393**	Sba	11 22.8	+34 21	UMa	1.0	14.9	106

N	317	WK	312x	6m2	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**6394**	E:	11 22.9	+34 07	UMa	1.1	14.6	106

N	317	WK	312x	6m2	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3656**	I/P	11 23 38.6	+53 50 30	UMa	1.7	13.3	46

N	200	HZ	120x	6m0	4		N	317	WK	170x	5m6	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3659**	Sc/I	11 23 45.1	+17 48 59	Leo	1.8	12.8	191

S	200	DK	67x	5m7	3		N	200	HZ	120x	6m2	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3657**	SBc/P	11 23 55.4	+52 55 14	UMa	1.70	13.0	46

N	317	WK	170x	5m6	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3658**	L	11 23 58.5	+38 33 47	UMa	1.80	13.1	106

N	508	AS	140x	6m2	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**6397**	Sa-b	11 23.0	+34 31	UMa	1.8	15.0	106

N	317	WK	312x	6m2	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
MCG	**+6-25-59**		11 23.2	+34 29	UMa	0.8	15.0	106

N	317	WK	312x	6m2	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
MCG	**+6-25-61**		11 23.4	+33 50	UMa	0.4	15.0	106

N	317	WK	312x	6m2	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3664**	SB/P	11 24 24.4	+03 19 33	Leo	1.7	13.2	236

N	200	HZ	120x	6m0	5		N	317	WK	170x	5m6	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3666**	Sb	11 24 26.2	+11 20 30	Leo	4.2	12.4	191

S	200	DK	145x	5m0	3		N	200	DP	102x	5m5	6	
N	400	DP	82x	6m0	3		N	400	CF	57x	6m2	3	
N	508	AS	183x	5m8	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3665**	E2	11 24 43.6	+38 45 45	UMa	3.2	11.7	106

N	114	DK	56x	4m8	4		S	200	PE	110x	5m3	3	
S	250	FB	96x	5m3	3		N	508	AS	140x	6m2	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3670**	SB0-a	11 24 49.6	+23 56 42	Leo	1.2	14.5	146

N	400	CF	240x	6m4	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
MCG	**+6-25-62**		11 24.2	+34 02	UMa	0.6	15.0	106

N	317	WK	312x	6m2	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3669**	SBc	11 25 26.5	+57 43 15	UMa	2.3	13.1	46

N	200	HZ			4		N	317	WK	170x	5m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3675**	Sb	11 26 08.1	+43 35 09	UMa	5.9	10.8	73

B	80	HZ	30x	6m5	3-4		N	200	HZ	40x		3	
N	200	GK	91x	5m6	2		S	200	PE	110x	5m3	3	
S	250	FB	96x	5m3	3		N	254	JM	139x	5m3	3	
S	280	PP	117x	5m5	1	s	N	317	WK	93x	5m8	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3674**	L	11 26 26.3	+57 02 53	UMa	1.5	13.2	46

N	200	HZ	120x	6m2	3		N	254	JM	181x	5m3	4	
N	317	WK	170x	5m8	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3681**	SBb-c	11 26 29.7	+16 51 48	Leo	2.5	12.4	191

B	80	HZ	30x	6m2	5		N	200	WK	93x	5m5	3	
S	200	DK	67x	5m7	2-3		N	200	HZ	80x	6m0	3	
N	200	DP	192x	5m5	5		S	200	MC	50x	5m3	3-4	
N	368	RV	160x	4m9	3		N	400	DP	62x	6m0	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**691**	P	11 26 44.0	+59 09 18	UMa	2.10	14.2	46

N	200	HZ	120x	6m5	4-5		S	254	TE	286x	6m6	4-5	
N	317	WK	170x	5m8	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**35210**	L	11 26 48.4	+35 14 46	UMa	0.9	14.8	106

N	317	WK	170x	6m2	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3684**	Sc	11 27 11.1	+17 01 49	Leo	3.2	12.3	191

B	80	HZ	30x	6m2	5		N	200	WK	93x	5m5	3-4	
S	200	DK	67x	5m7	2-3		N	200	HZ	80x	6m0	3	
S	200	MC	50x	5m3	3-4		S	200	MC	50x	5m3	4	
N	368	RV	160x	4m9	3-4		N	400	DP	62x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3683**	SB	11 27 31.7	+56 52 38	UMa	2.0	13.2	46

S	200	PE	78x	5m4	4		N	254	JM	98x	5m3	4	
N	318	DS	76x	4m9	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3683A**	SB	11 27 31.7	+56 52 38	UMa	2.2	13.2	46

N	200	HZ	100x	6m2	3-4		N	200	HZ	100x	6m2	3-4	
N	317	TJ	89x	6m0	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3686**	Sc	11 27 44.1	+17 13 22	Leo	3.3	12.0	191

B	80	HZ	30x	6m2	5		N	200	WK	93x	5m5	3-4	
S	200	DK	67x	5m7	2-3		N	200	HZ	80x	6m0	3	
N	368	RV	160x	4m9	3-4		N	400	DP	62x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3691**	SB/P	11 28 09.4	+16 55 10	Leo	1.3	13.3	147

N	200	HZ	80x	6m2	4		N	368	RV	160x	4m9	7	
N	400	DP	62x	6m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3689**	Sc	11 28 10.8	+25 39 39	Leo	1.6	13.0	147

N	400	CF	240x	6m4	2-3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2850**	S	11 28 13.0	+09 03 44	Leo	0.92	15.0	191

S	254	TE	214x	6m8	6								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2853**	SBa-b	11 28 14.8	+09 08 50	Leo	0.92	14.6	191

S	254	TE	214x	6m8	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3692**	Sb	11 28 23.8	+09 24 26	Leo	2.8	12.9	191

S	200	DK	145x	5m0	3		N	317	WK	170x	6m0	3	
N	368	RV	230x	5m0	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2857**	Sc	11 28 31.0	+09 06 12	Leo	0.92	15.3	191

S	254	TE	214x	6m8	7								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3690**	SB M	11 28 32.4	+58 33 52	UMa	2.4	12.0	46

B	80	HZ	30x	6m5	4-5		N	200	HZ	120x		3	
N	250	SB	221x	5m2	3		N	317	TJ	177x	6m0	3-4	
N	317	WK	312x	5m8	2-3		N	320	PI	144x	6m2	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**696**	SBc/I	11 28 39.9	+09 05 55	Leo	1.0	14.4	191

S	254	TE	214x	6m8	4-5		N	317	WK	214x	6m0	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2867**	E	11 28 59.2	+09 04 28	Leo	0.92	15.6	191

S	254	TE	214x	6m8	7								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**35305**	E-SO	11 28.3	+04 19.6	Leo	0.7	14.1	237

N	317	WK	312x	5m8	5								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**6476**	Sb	11 28.5	+23 23	Leo	1.5	14.4	147

N	317	WK	214x	5m8	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3697 A**	SABb	11 28.7	+20 48	Leo	2.3	13.1	146

N	317	WK	170x	6m2	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**698**	L	11 29 03.6	+09 06 43	Leo	1.0	14.4	191

S	254	TE	214x	6m8	4-5			N	317	WK	170x	6m0	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**699**	S R	11 29 06.5	+08 59 19	Leo	1.3	14.6	191

S	254	TE	214x	6m8	4			N	317	WK	170x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3683 A**	SBc	11 29 11.6	+57 07 57	UMa	2.40	12.6	46

S	200	PE	78x	5m4	4			N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3701**	Sb-c	11 29 28.8	+24 05 35	Leo	1.90	13.5	146

N	400	CF	240x	6m4	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3697 C**	S?	11 29.0	+20 45	Leo	0.7	14.1	146

N	317	WK	170x	6m2	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3697 B**	S0?	11 29.0	+20 45	Leo	0.5	13.9	146

N	317	WK	170x	6m2	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3705**	Sb	11 30 07.6	+09 16 32	Leo	5.0	11.8	192

S	200	DK	145x	5m0	2-3			N	200	DP	102x	5m5	3
S	250	FB	96x	5m1	3			N	317	WK	170x	6m0	2-3
N	368	RV	230x	5m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3710**	E	11 31 06.9	+22 46 05	Leo	1.00	14.6	147

N	317	WK	214x	5m8	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3713**	L	11 31 41.9	+28 09 12	Leo	1.2	14.3	106

N	400	CF	240x	6m2	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3714**	C	11 31 53.6	+28 21 29	UMa	2.0	14.5	106

N	400	CF	240x	6m2	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3718**	SBa/P	11 32 34.7	+53 04 00	UMa	8.7	11.6	47

B	80	HZ	30x	6m5	4			N	114	DK	56x	4m8	5	
N	114	DB	36x	5m5	4			N	200	KV	48x	6m0	3	
N	200	HZ	100x	6m2	3			N	200	DP	75x	4m5	4	
N	200	GK	57x	5m6	4			S	200	PE	110x	5m3	3	
S	250	FB	96x	5m3	3-4			N	250	SB	100x	5m2	3	
N	317	WK	93x	6m2	2-3			N	317	TJ	62x	5m5	3-4	
N	318	DS	102x	5m3	3			N	508	AS	140x	5m6	3	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
MCG	**+8-21-48**		11 32.5	+49 05	UMa	0.3	16.0	47

N	317	WK	312x	6m0	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**6527**	S?	11 32.6	+52 57	UMa	1.1	13.8	47

N	318	DS	102x	5m3	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3726**	Sc	11 33 20.8	+47 01 38	UMa	6.0	10.9	74

B	80	HZ	30x	6m5	3-4			S	200	PE	78x	5m5	3
N	200	KV	75x	6m0	3-4			N	200	HZ	80x		3
S	250	FB	96x	5m3	3			N	250	SB	100x	5m2	2
N	317	WK	93x	5m2	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3725**	SBc	11 33 40.7	+61 53 18	UMa	1.20	13.8	25

N	200	HZ	100x	6m5	4-5			N	317	WK	170x	5m2	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3729**	SB/P	11 33 49.2	+53 07 33	UMa	3.1	12.0	47

B	80	HZ	30x	6m5	6			N	200	KV	48x	6m0	3-4
N	200	HZ	100x	6m2	3			N	200	DP	75x	4m5	4
N	200	GK	57x	5m6	2			S	200	PE	110x	5m3	4
N	250	SB	100x	5m2	3			N	317	WK	93x	6m2	3
N	317	TJ	62x	5m5	3			N	318	DS	102x	5m3	3
N	508	AS	140x	5m6	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**708**	E	11 33 59.1	+49 03 42	UMa	0.80	14.0	47

N	317	WK	312x	6m0	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**6538**	S	11 33.3	+49 17	UMa	1.0	16.0	47

N	317	WK	312x	6m0	6								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**6541**	Irr	11 33.5	+49 14	UMa	1.3	13.9	47

N	317	WK	312x	6m0	6								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**709**	C	11 34 14.5	+49 02 35	UMa	0.80	15.3	47

N	317	WK	312x	6m0	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**711**	C	11 34 46.5	+48 57 20	UMa	0.80	15.1	73

N	317	WK	312x	6m0	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**712**	S	11 34 49.1	+49 04 38	UMa	0.80	14.7	47

N	317	WK	312x	6m0	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
MCG	**+8-21-60**		11 34.7	+48 55	UMa	0.4	16.0	73

N	317	WK	312x	6m0	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3733**	SBc	11 35 01.7	+54 50 59	UMa	4.8	12.5	47

N	200	JL	92x	5m9	7			N	200	HZ	100x	6m5	5
N	317	WK	170x	5m6	4			N	508	AS	183x	5m6	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**35799**	S	11 35 02.6	+54 39 24	UMa	0.8	14.9	47

N	200	HZ	120x	6m5	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3737**	LB	11 35 36.2	+54 56 54	UMa	1.10	13.8	47

N	200	HZ	120x	6m5	4			N	317	WK	170x	5m6	3-4
N	508	AS	183x	5m6	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**35843**		11 35 39.9	+58 19 24	UMa		15.1	47

N	317	WK	170x	6m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3738**	I/P	11 35 48.2	+54 31 24	UMa	2.6	12.1	47

B	80	HZ	30x	6m5	5			N	200	JL	92x	5m9	3-4
N	200	HZ	80x	6m2	3			S	200	PE	78x	5m4	3
N	210	PA	91x	6m3	3			N	317	WK	170x	5m6	2-3
N	508	AS	140x	5m6	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3735**	Sb	11 35 57.1	+70 32 06	Dra	3.9	12.6	25

N	200	DP	102x	6m2	5			S	203	PK	60x		4
S	254	DS	125x	5m4	3			N	317	WK	93x	5m5	3
N	318	DS	102x	5m5	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
MCG	**+8-21-64**		11 35.5	+49 04	UMa	0.8	16.0	47

N	317	WK	312x	6m0	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
MCG	**+8-21-65**		11 35.7	+49 01	UMa	1.1	16.0	47

N	317	WK	312x	6m0	6								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
MCG	**+8-21-66**		11 35.7	+49 08	UMa	0.2	16.0	47

N	317	WK	312x	6m0	6								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**2943**	S	11 36 42.2	+54 50 43	UMa	1.00	15.2	47

N	317	WK	170x	5m6	4								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3756**	Sc	11 36 47.8	+54 17 37	UMa	4.4	12.0	47
B 80 HZ 30x 6m5 5				N 200 JL 92x 5m9 4				
N 200 HZ 80x 6m2 3				S 200 PE 78x 5m4 3				
N 210 PA 91x 6m3 3				N 317 WK 170x 5m6 3				
N 508 AS 140x 5m6 3								
NGC	**3759**	LB	11 36 53.8	+54 49 21	UMa	1.00	14.2	47
N 200 HZ 120x 6m5 4				N 317 WK 170x 5m6 3-4				
NGC	**3759A**	1	11 36 58.0	+55 09 42	UMa	1.2	14.3	47
N 200 HZ 120x 6m5 4-5								
UGC	**6575**	Sc	11 36.4	+58 12	UMa	2.2	14.3	47
N 317 WK 214x 6m0 4-5								
MCG	**+8-21-72**		11 36.5	+49 06	UMa	0.5	15.0	47
N 317 WK 312x 6m0 4								
MCG	**+8-21-74**		11 36.6	+49 02	UMa	0.5	15.0	47
N 317 WK 312x 6m0 4-5								
NGC	**3757**	L	11 37 02.9	+58 24 56	UMa	1.1	13.5	47
N 200 HZ 120x 6m5 3				N 317 WK 170x 6m0 3				
NGC	**3762**	Sa	11 37 23.8	+61 45 31	UMa	1.80	13.5	25
N 200 HZ 100x 6m5 4-5				N 317 WK 170x 5m2 3				
NGC	**3746**	SBb	11 37 43.6	+22 00 33	Leo	1.1	14.8	147
N 317 WK 312x 6m2 4-5				N 400 CF 240x 6m3 3				
NGC	**3769**	Sb	11 37 44.1	+47 53 34	UMa	3.2	12.3	74
N 200 HZ 100x 6m5 3				N 317 WK 170x 5m3 3				
NGC	**3745**	LB	11 37 44.5	+22 01 14	Leo	0.3	16.1	147
N 317 WK 312x 6m2 5				N 400 CF 240x 6m3 3-4				
NGC	**3748**	S0-a	11 37 49.1	+22 01 33	Leo	0.8	15.7	147
N 317 WK 312x 6m0 5				N 400 CF 240x 6m3 3				
NGC	**3750**	E3	11 37 51.6	+21 58 27	Leo	0.7	15.4	147
N 317 WK 312x 6m0 4-5				N 400 CF 240x 6m3 3				
NGC	**3753**	Sb/P	11 37 53.8	+21 58 51	Leo	1.8	14.5	147
N 317 WK 312x 6m0 4-5				N 400 CF 240x 6m3 3				
NGC	**3751**	L/P	11 37 53.9	+21 56 11	Leo	1.1	15.3	147
N 317 WK 312x 6m2 4-5				N 400 CF 240x 6m3 3-				
NGC	**3754**	SBb/P	11 37 55.0	+21 59 06	Leo	0.40	14.7	147
N 400 CF 240x 6m3 4								
NGC	**3770**	SBa	11 37 58.7	+59 37 00	UMa	1.0	13.7	47
N 200 HZ 100x 6m5 4				N 317 WK 170x 6m0 3				
NGC	**3773**	E0/P	11 38 13.0	+12 06 43	Leo	1.20	13.3	192
N 200 GK 57x 5m6 5								
NGC	**3781**	S	11 39 03.9	+26 21 43	Leo	0.50	14.8	147
N 317 WK 170x 5m5 3-4								
NGC	**3771**	E	11 39 05.9	-09 20 54	Crt	1.3	13.8	282
S 280 FD 200x 6m4 5-6								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3782**	Sc/P	11 39 20.5	+46 30 45	UMa	1.6	13.1	74
N 200 HZ 100x 6m5 4				N 317 WK 93x 5m2 3-4				
NGC	**3780**	Sc	11 39 21.9	+56 16 12	UMa	3.1	12.2	47
B 80 HZ 30x 6m5 5				N 200 HZ 100x 6m2 3				
N 317 TJ 89x 6m0 4				N 318 DS 76x 5m0 3-4				
NGC	**3784**	S M	11 39 29.7	+26 18 33	Leo	0.90	15.2	147
N 317 WK 170x 5m5 4-5								
NGC	**3785**	L	11 39 32.9	+26 18 08	Leo	1.00	15.2	147
N 317 WK 170x 5m5 4								
NGC	**3787**	S	11 39 38.1	+20 27 16	Leo	0.40	14.9	147
N 250 SB 150x 6m3 5								
NGC	**3786**	SBa/P	11 39 42.5	+31 54 29	UMa	2.4	13.4	107
N 200 JL 92x 6m4 4-5				N 317 WK 214x 5m0 3				
NGC	**3788**	SBa-b/	11 39 44.7	+31 55 48	UMa	2.2	13.4	107
N 200 JL 92x 6m4 4-5				N 317 WK 214x 6m0 3				
NGC	**3790**	L	11 39 47.2	+17 42 42	Leo	1.10	14.6	147
N 317 WK 170x 5m4 4								
MCG	**3-30-33**		11 39.9	+16 57.3	Leo	0.4	13.8	192
N 317 WK 170x 5m4 5								
NGC	**3795**	S	11 40 06.7	+58 36 43	UMa	2.10	14.0	47
N 200 HZ 100x 6m5 4-5								
NGC	**3798**	LB	11 40 13.9	+24 41 47	Leo	2.50	13.6	147
N 317 WK 170x 5m5 3								
NGC	**3801**	L/P	11 40 16.8	+17 43 37	Leo	3.2	13.0	147
N 317 WK 170x 5m4 5								
NGC	**3796**	S	11 40 31.0	+60 17 54	UMa	1.30	13.5	47
N 200 HZ 100x 6m5 4-5				N 317 WK 170x 5m5 4				
NGC	**3805**	L	11 40 41.6	+20 20 35	Leo	1.40	13.7	147
N 250 SB 150x 6m3 3								
NGC	**3808**	SBc/P	11 40 44.0	+22 25 45	Leo	1.60	14.1	147
N 317 WK 170x 6m0 5								
NGC	**3804**	SBc	11 40 54.0	+56 12 04	UMa	2.4	13.6	47
N 200 HZ 100x 6m5 4-5								
NGC	**3810**	Sc	11 40 58.6	+11 28 11	Leo	4.3	11.3	192
N 114 DK 56x 4m8 4-5				N 200 GK 91x 5m6 2				
S 250 FB 96x 5m1 3-4				N 400 DP 225x 6m0 3				
UGC	**6628**		11 40.1	+45 56	UMa	3.5	14	74
N 200 KV 30x 6m5 7								
UGC	**6631**	Sb	11 40.2	+17 18.7	Leo	0.8	13.5	147
N 317 WK 170x 5m4 4-5								
NGC	**3812**	E	11 41 07.8	+24 49 19	Leo	1.70	13.6	147
N 317 WK 170x 5m5 3								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3809**	L	11 41 15.9	+59 53 08	UMa	1.0	13.7	47
N 200 HZ 120x 6m5 4				N 317 WK 170x 6m0 3				
NGC	**3811**	SBc/P	11 41 16.5	+47 41 26	UMa	2.20	12.9	74
N 200 HZ 100x 6m5 4				N 317 WK 170x 5m3 3-4				
NGC	**3813**	Sc	11 41 18.5	+36 32 46	UMa	2.3	12.3	107
N 200 JL 92x 6m4 3-4								
NGC	**3815**	Sa-b	11 41 39.3	+24 47 59	Leo	1.70	14.1	147
N 317 WK 170x 5m5 3-4								
NGC	**3816**	L	11 41 47.8	+20 06 11	Leo	1.90	13.5	147
N 250 SB 150x 6m1 3								
NGC	**3821**	SBa	11 42 09.0	+20 18 53	Leo	1.40	13.7	147
N 250 SB 150x 6m3 4								
NGC	**3826**	E	11 42 32.9	+26 29 19	Leo	0.90	14.3	147
N 317 WK 170x 5m5 3-4								
NGC	**3824**	Sa	11 42 44.8	+52 46 46	UMa	1.30	14.5	47
N 317 WK 170x 5m8 3								
IC	**2951**	Sa	11 43 24.4	+19 44 57	Leo	1.70	14.5	147
N 250 SB 150x 6m1 4								
NGC	**3837**	E	11 43 56.6	+19 53 39	Leo	0.8	14.3	147
N 250 SB 150x 6m1 3				N 317 WK 214x 6m0 4				
NGC	**3840**	Sa	11 43 59.0	+20 04 35	Leo	1.0	14.6	147
N 250 SB 150x 6m1 5				N 317 WK 214x 6m0 4				
UGC	**6680**	Sb	11 43.0	+19 38	Leo	1.2	15.5	147
N 250 SB 150x 6m3 5-6								
UGC	**6697**		11 43.9	+19 58	Leo	1.8	14.2	147
N 250 SB 150x 6m1 4				N 317 WK 312x 6m0 5				
NGC	**3844**	L	11 44 00.9	+20 01 44	Leo	1.3	14.9	147
N 250 SB 150x 6m1 5				N 317 WK 214x 6m0 4-5				
NGC	**3842**	E3	11 44 02.0	+19 56 58	Leo	1.4	12.8	147
N 250 SB 150x 6m1 3				N 317 WK 214x 6m0 3-4				
NGC	**3841**	S	11 44 02.1	+19 58 18	Leo	0.7	14.6	147
N 250 SB 100x 6m1 5				N 317 WK 314x 6m0 4-5				
NGC	**3835**	Sa-b	11 44 05.0	+60 07 11	UMa	1.8	13.1	47
N 200 HZ 100x 6m5 4-5				N 317 WK 170x 6m0 3				
NGC	**3845**	S	11 44 05.5	+19 59 44	Leo	0.8	15.0	147
N 317 WK 214x 6m0 4-5								
PGC	**36500**	S	11 44 10.9	+37 11 08	UMa	0.4	15.1	107
N 317 WK 312x 5m6 4-5								
NGC	**3838**	S0-a	11 44 13.4	+57 56 53	UMa	1.40	13.2	47
N 317 WK 170x 4m5 3								
NGC	**3847**	E	11 44 14.0	+33 30 50	UMa	1.10	14.3	107
N 317 WK 170x 5m2 3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3851**	E	11 44 20.4	+19 58 50	Leo	0.3	15.4	147
N 317 WK 312x 6m0 5								
NGC	**3860**	Sa-b	11 44 49.2	+19 47 40	Leo	1.00	14.2	147
N 250 SB 100x 6m3 3				N 317 WK 170x 5m8 3-4				
NGC	**3857**	L	11 44 50.1	+19 31 57	Leo	1.00	15.0	147
N 250 SB 150x 6m3 4								
NGC	**3859**	P	11 44 52.4	+19 27 15	Leo	1.20	14.7	147
N 250 SB 150x 6m3 4								
NGC	**3846 A**	SB(s)	11 44.5	+55 40	UMa	1.9	13.3	47
N 200 HZ 120x 6m5 5								
UGC	**6719**	S	11 44.8	+20 07	Leo	1.2	14.6	147
N 250 SB 150x 6m1 4				N 317 WK 170x 5m8 4-5				
NGC	**3861**	S RM	11 45 03.8	+19 58 23	Leo	2.30	13.5	147
N 250 SB 150x 6m1 3								
IC	**2955**	C	11 45 05.0	+19 36 20	Leo	1.00	15.1	147
N 317 WK 170x 5m8 4-5								
NGC	**3862**	E0	11 45 05.0	+19 36 21	Leo	1.6	13.7	147
N 250 SB 150x 6m1 3								
NGC	**3867**	S R	11 45 29.6	+19 23 59	Leo	1.50	14.2	147
N 317 WK 170x 5m8 4-5								
NGC	**3868**	S	11 45 30.0	+19 26 39	Leo	0.80	14.9	147
N 317 WK 170x 5m8 5								
IC	**730**	S	11 45 35.2	+03 13 54	Vir	0.30	15.1	237
N 317 WK 214x 6m0 4								
NGC	**3869**	Sa	11 45 45.5	+10 49 27	Leo	1.7	13.6	192
N 400 DP 225x 6m0 4								
NGC	**3873**	E	11 45 46.0	+19 46 24	Leo	1.50	13.9	147
N 250 SB 150x 6m1 3				N 250 SB 150x 6m3 3				
N 317 WK 170x 5m8 4								
NGC	**3872**	E4	11 45 48.9	+13 45 58	Leo	2.2	12.7	192
N 317 WK 170x 5m3 3				N 400 DP 225x 6m0 3				
NGC	**3875**	L	11 45 49.4	+19 46 01	Leo	1.00	14.6	147
N 317 WK 170x 5m8 4-5								
NGC	**3870**	L/P	11 45 56.6	+50 12 00	UMa	0.9	13.4	47
N 317 WK 170x 5m3 3				N 400 CF 141x 5m7 3				
UGC	**6725**	SO	11 45.1	+20 27	Leo	1.5	14.5	147
N 250 SB 150x 6m3 4								
UGC	**6729**	Sb/SBc	11 45.2	+26 46	Leo	1.3	14.9	147
N 317 WK 312x 5m5 4								
UGC	**6732**		11 45.5	+58 58	UMa	0.9	13.5	47
N 317 WK 170x 4m5 3								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**3877**	Sb	11 46 07.3	+47 29 38	UMa	5.4	11.9	74

B	80	HZ	30x	6m5	4-5		N	114	DK	75x	4m9	4
M	150	PI	83x	6m	3-4		S	200	DK	67x	4m9	2-3
N	200	KV	75x	6m0	3-4		N	200	HZ			3
S	200	PE	110x	5m3	4		N	210	PA	137x	6m3	3
S	250	FB	96x	5m3	3		N	250	SB	150x	5m2	3
N	317	WK	170x	5m8	3		N	368	RV	230x	5m0	3

NGC	**3871**	S	11 46 10.1	+33 06 32	UMa	1.00	15.5	107

N	317	WK	170x	5m2	4

NGC	**3884**	S R	11 46 12.1	+20 23 27	Leo	2.10	13.5	147

N	250	SB	150x	6m1	3

NGC	**3878**	C	11 46 17.7	+33 12 16	UMa	0.50	15.3	107

N	317	WK	170x	5m2	4-5

NGC	**3880**	C	11 46 22.2	+33 09 42	UMa	0.70	14.7	107

N	317	WK	170x	5m2	4-5

PGC	**36716**	S	11 46 26.2	+34 51 07	UMa	0.3	15.2	107

N	317	WK	312x	5m0	4

NGC	**3881**	C	11 46 34.4	+33 06 23	UMa	0.70	14.9	107

N	317	WK	170x	5m2	3-4

NGC	**3883**	D	11 46 47.1	+20 40 31	Leo	2.80	15.0	147

N	250	SB	100x	6m3	3

NGC	**3886**	L	11 47 05.5	+19 50 12	Leo	1.20	14.2	147

N	250	SB	150x	6m3	3

NGC	**3172**	S	11 47 14.5	+89 05 35	UMi	0.7	15.3	1

N	200	HZ	120x	6m0	5		S	280	FD	80x	5m9	7
N	440	SK	220x	5m5	4							

NGC	**3888**	Sb	11 47 34.9	+55 57 56	UMa	1.8	12.7	47

N	200	HZ	100x	6m2	3-4		N	317	WK	170x	5m2	3
N	318	DS	76x	5m3	3							

UGC	**6762**	S	11 47.3	+60 17	UMa	1.1	13.9	25

N	317	WK	170x	5m6	3-4

IC	**736**	E0	11 48 20.0	+12 43 00	Leo	2.30	16.3	192

N	317	WK	170x	5m3	5

NGC	**3893**	Sc	11 48 38.2	+48 42 39	UMa	4.4	10.9	74

B	80	HZ	30x	6m5	3-4		S	200	DK	67x	4m9	2
N	200	KV	75x	5m0	3		N	200	HZ	40x		3
S	200	PE	110x	5m3	3		N	210	PA	137x	6m3	3
S	250	FB	96x	5m3	3		N	250	SB	150x	5m2	2
N	317	WK	170x	5m8	2-3							

NGC	**3894**	E4	11 48 50.2	+59 24 57	UMa	2.4	12.6	47

N	200	HZ	80x		4-5		N	200	GK	119x	5m8	3
N	317	WK	170x	5m6	2-3							

NGC	**3896**	SBa/P	11 48 56.3	+48 40 27	UMa	1.7	13.7	74

S	200	DK	145x	4m9	4		N	200	KV	75x	5m0	4-5
N	200	HZ	80x		5		S	200	PE	110x	5m3	4
N	210	PA	137x	6m3	5		N	317	WK	170x	5m8	4-5

NGC	**3897**	Sb-c	11 48 59.4	+35 00 55	UMa	1.90	13.6	107

N	317	WK	170x	5m0	3

NGC	**3895**	SBa	11 49 03.8	+59 25 57	UMa	1.4	14.0	47

N	200	HZ	80x		4-5		N	317	WK	170x	5m6	3

NGC	**3898**	Sa-b	11 49 15.3	+56 05 03	UMa	4.4	11.6	47

B	80	HZ	30x	6m5	4-5		N	114	DK	56x	4m8	4-5
M	150	PI	83x	5m5	2	s	N	200	GK	91x	5m6	2
S	250	FB	96x	5m3	3		N	317	WK	170x	5m2	2-3
N	318	DS	76x	5m3	2-3							

NGC	**3906**	SBd	11 49 40.2	+48 25 30	UMa	1.80	13.8	74

N	200	HZ	100x	6m5	4-5

NGC	**3910**	L	11 49 59.3	+21 20 00	Leo	1.60	14.1	147

N	317	WK	170x	5m5	3-4

NGC	**3920**	S	11 50 05.9	+24 55 12	Leo	1.00	14.1	147

N	317	WK	170x	5m4	3-4

NGC	**3913**	Sd	11 50 38.4	+55 21 12	UMa	2.7	13.5	47

N	200	HZ	100x	6m2	5

NGC	**3917**	Sc	11 50 45.6	+51 49 27	UMa	4.9	12.5	47

N	200	HZ	100x	6m2	4		N	317	WK	314x	5m5	4
N	317	TJ	62x	5m5	4		N	318	DS	102x	5m6	3
N	400	CF	141x	5m7	2							

NGC	**3916**	Sb	11 50 51.2	+55 08 35	UMa	1.5	14.7	47

N	200	HZ	120x	6m5	5		N	400	CF	141x	5m7	3-4

NGC	**3921**	Sa/P	11 51 06.8	+55 04 44	UMa	2.0	13.1	47

N	200	HZ	100x	6m2	4		N	400	CF	141x	5m7	3

NGC	**3931**	L	11 51 13.4	+52 00 03	UMa	1.4	14.9	47

N	200	HZ	120x	6m2	5		N	317	WK	214x	5m5	5
N	317	TJ	62x	5m5	5		N	400	CF	141x	5m7	3

NGC	**3922**	L	11 51 13.4	+50 09 22	UMa	1.7	13.8	47

N	400	CF	141x	5m7	3

NGC	**3930**	SBc	11 51 45.7	+38 00 50	UMa	3.8	13.2	107

N	200	JL	92x	6m4	7		N	317	WK	170x	5m4	4-5

NGC	**3928**	E0	11 51 47.6	+48 40 57	UMa	1.40	13.2	74

N	200	HZ	100x	6m5	4		N	317	WK	170x	5m8	3

PGC	**37184**	C	11 52 24.4	+23 37 38	Leo	0.2	15.9	147

N	317	WK	170x	5m5	4-5

NGC	**3938**	Sc	11 52 49.2	+44 07 15	UMa	5.4	10.8	74

B	80	HZ	30x	6m5	3-4		N	114	DB	36x	5m5	3-4
S	200	PE	78x	5m5	4		N	200	KV	120x	5m0	2-3
N	200	HZ	40x	6m2	2-3		S	250	FB	96x	5m3	3
N	368	RV	230x	5m0	4							

NGC	**3941**	E3	11 52 55.3	+36 59 11	UMa	3.8	11.3	107

S	200	PE	78x	4m7	2		N	200	KV	200x	6m5	2-3
N	200	JL	92x	6m4	2-3		N	200	GK	119x	5m6	2
S	250	FB	96x	5m3	3							

UGC	**6846**	E	11 52.6	+23 36	Leo	1.0	14.8	147

N	317	WK	170x	5m5	3-4

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	3945	SBa	11 53 13.4	+60 40 29	UMa	5.5	11.4	47

B	80	HZ	30x	6m5	4		N	140	RH	100x	6m0	2-3			
N	200	KV	120x	5m0	2-3		N	200	HZ	100x		3			
N	200	DP	102x	6m0	3		S	250	FB	96x	5m3	3			
N	317	WK	93x	6m2	3		N	317	TJ	177x	6m0	3			

NGC	3952	I/P	11 53 40.1	-03 59 52	Vir	1.60	13.5	237

N	317	WK	170x	5m2	4

NGC	3951	S	11 53 41.3	+23 22 54	Leo	1.10	14.3	147

N	317	WK	170x	5m5	4

NGC	3949	Sb	11 53 41.4	+47 51 34	UMa	3.0	11.4	74

B	80	HZ	30x	6m5	4		S	200	DK	67x	4m9	2-3			
S	200	PE	110x	5m3	3		N	200	HZ	100x	6m5	3			
N	210	PA	137x	6m3	3		S	250	FB	96x	5m3	3			

NGC	3953	Sb-c	11 53 48.4	+52 19 28	UMa	6.6	10.6	47

B	50	CF	10x	5m8	4-5		N	114	DK	56x	4m8	3-4			
N	114	DB	36x	5m5	3		N	200	KV	75x	6m0	3			
N	200	HZ			3		S	250	FB	96x	5m3	3			
N	254	JM	98x	5m3	3		N	300	UN	100x	5m5	2	f		
N	317	WK	93x	5m5	3		N	317	TJ	62x	5m5	3			
N	318	DS	102x	5m6	2-3										

NGC	3958	SBa	11 54 33.5	+58 21 58	UMa	1.6	13.5	47

N	200	HZ	100x		4-5		N	317	WK	170x	6m0	4	

NGC	3962	E2	11 54 39.8	-13 58 31	Crt	2.6	11.6	282

S	125	FB	63x	5m6	4		S	200	PE	110x	5m5	3	

NGC	3963	Sc	11 54 58.8	+58 29 34	UMa	2.8	12.5	47

N	200	HZ	100x		4		N	317	WK	170x	6m0	4	

NGC	3973	S	11 55 37.0	+11 59 48	Leo	0.8	15.8	147

N	400	DP	225x	6m0	3-4

NGC	3972	Sb-c	11 55 45.3	+55 19 10	UMa	4.0	12.9	47

N	200	HZ	100x		4		N	210	PA	91x	6m3	4	
N	317	TJ	230x	5m0	4		N	318	DS	76x	5m5	3-4	
N	400	CF	141x	5m7	2								

NGC	3976	Sb	11 55 57.2	+06 44 52	Vir	3.9	12.5	192

NGC	3981	Sb	11 56 07.0	-19 53 52	Crt	3.3	11.8	327

N	200	HZ	100x	5m2	4-5

NGC	3977	Sa-b	11 56 07.3	+55 23 25	UMa	1.6	14.4	47

N	200	HZ	100x	6m5	4-5		N	400	CF	141x	5m7	3	

NGC	3978	SBb-c	11 56 10.6	+60 31 20	UMa	1.8	13.2	47

N	200	HZ	100x		5		N	317	WK	170x	6m2	4	
N	400	DP	225x	6m0	3-4								

NGC	3983	L	11 56 23.6	+23 52 03	Leo	1.10	14.9	147

N	317	WK	170x	5m5	4

NGC	3982	Sb	11 56 28.0	+55 07 28	UMa	2.5	11.9	47

B	80	HZ	30x	6m5	4-5		N	200	HZ	100x		3-4	
N	200	GK	91x	5m6	3		S	200	PE	110x	5m3	3	
N	210	PA	91x	6m3	3		N	254	JM	98x	5m3	3-4	
N	317	TJ	230x	5m0	3-4		N	317	WK	170x	4m5	3	
N	318	DS	76x	5m5	3		N	400	CF	141x	5m7	2	

NGC	3985	SB	11 56 41.5	+48 20 06	UMa	1.00	13.2	74

N	317	WK	170x	5m3	3

UGC	6923	Im	11 56.8	+53 10	UMa	2.0	13.4	47

N	317	WK	214x	5m5	5		N	400	CF	141x	5m7	3	

NGC	3987	Sb	11 57 20.9	+25 11 41	Leo	2.1	13.9	148

N	317	WK	170x	6m2	3-4

NGC	3988	C	11 57 24.2	+27 52 39	Leo	0.50	14.6	147

N	317	WK	170x	5m4	3-4

NGC	3990	L	11 57 35.5	+55 27 29	UMa	1.7	13.5	47

N	200	HZ	120x	6m2	3		N	200	GK	91x	5m6	3	
N	210	PA	91x	6m3	5		N	250	SB	150x	5m2	3	
N	317	WK	170x	4m5	3-4		N	400	CF	141x	5m7	2-3	

NGC	3993	Sb	11 57 37.6	+25 14 23	Leo	1.5	14.7	148

N	317	WK	170x	6m2	5

NGC	3995	Sc	11 57 44.0	+32 17 33	UMa	2.8	12.7	107

N	200	DP	102x	6m0	4

NGC	3997	SBb/P	11 57 48.5	+25 16 13	Leo	1.5	14.0	148

N	317	WK	17x	6m2	4

NGC	3998	E2/P	11 57 55.9	+55 27 12	UMa	3.1	11.6	47

B	80	HZ	30x	6m5	4-5		S	200	PE	78x	4m5	3	
N	200	HZ	100x	6m2	3		N	200	HZ	100x		3	
N	200	GK	91x	5m6	2		N	210	PA	91x	6m3	3	
S	250	FB	96x	5m3	2-3		N	250	SB	150x	5m2	2	
N	254	JM	98x	5m3	3		N	317	TJ	230x	5m0	3	
N	317	WK	170x	4m5	2-3		N	318	DS	76x	5m4	2	
N	400	CF	141x	5m7	1-2								

M	109	S(B)b	11 57.6	+53 23	UMa	7.6	9.8	47

B	50	PA	10x	5m5	4		B	50	PI	10x	6m5	3	p		
B	50	RS	10x		5		B	50	CF	10x	5m8	4-5			
R	63	KV	34x	5m5	3		N	114	DK	56x	5m0	3			
N	114	DB	36x	5m0	4		N	114	RS	22x	6m0	3			
N	114	AV	50x	4m8	4		S	125	FB	74x	5m2	3			
N	140	RH	50x		4		M	150	PI	38x	5m5	3			
M	150	GI	38x	5m3	7		N	200	DP	75x	5m0	3			
N	250	SB	150x	5m2	3		N	254	JM	42x	6m0	3-4			
N	300	UN	167x	5m5	2	f	N	317	WK	93x	5m5	3			
N	318	DS	102x	5m6	2										

NGC	4004	IB/P	11 58 05.1	+27 52 41	Leo	1.80	14.0	147

N	317	WK	170x	5m4	4-5

NGC	4005	S	11 58 10.0	+25 07 18	Leo	1.0	13.9	148

N	317	WK	170x	6m2	3-4

NGC	4008	Sa	11 58 17.1	+28 11 32	Leo	2.5	12.9	107

N	317	WK	170x	5m4	3

NGC	4013	Sb	11 58 31.3	+43 56 48	UMa	5.2	12.3	74

N	200	KV	120x	5m0	4		N	200	HZ	100x	6m2	3	
N	250	SB	150x	5m2	3		N	317	WK	170x	6m0	3	

IC	749	Sc	11 58 33.9	+42 43 58	UMa	2.5	12.9	74

N	200	KV	75x	5m0	4-5		N	200	HZ	100x	6m2	4-5	
N	250	SB	150x	5m2	4		N	317	WK	170x	6m0	3	
N	318	DS	102x	6m2	3								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4010	SBc	11 58 37.1	+47 15 35	UMa	4.20	13.0	74

N	317	WK	170x	5m3	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4018	Sa-b	11 58 40.6	+25 19 00	Com	1.3	14.7	148

N	317	WK	170x	6m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4015	I	11 58 43.0	+25 02 31	Com	0.9	15.6	148

N	317	WK	170x	6m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	750	Sa-b	11 58 52.0	+42 43 20	UMa	2.9	12.8	74

N	200	KV	75x	5m0	3	N	200	HZ	100x	6m2	4-5
N	250	SB	150x	5m2	3	N	317	WK	170x	6m0	2-3
N	318	DS	102x	6m2	3-4	N	368	RV	230x	5m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	751	S M	11 58 52.4	+42 34 10	UMa	1.30	15.1	74

N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4022	L	11 59 01.0	+25 13 19	Com	1.3	14.2	148

N	317	WK	170x	6m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4023	S	11 59 05.3	+24 59 19	Com	1.0	14.6	148

N	317	WK	170x	6m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4026	L	11 59 25.0	+50 57 41	UMa	5.1	11.7	47

B	80	HZ	30x	6m5	4	N	200	HZ	100x	6m2	3
N	200	DP	75x	4m5	5	S	200	PE	78x	5m3	3
S	250	FB	96x	5m3	3	N	318	DS	102x	5m8	1-2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4027	Sc/P	11 59 30.5	-19 15 59	Crv	3.8	11.6	328

S	200	PE	78x	5m5	4	N	200	HZ	100x	5m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	6983	SB(rs)	11 59.2	+52 42	UMa	4.0	12.4	47

N	400	CF	141x	5m7	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4030	Sc	12 00 23.4	-01 06 04	Vir	4.3	11.4	237

N	200	JL	92x	6m5	3	N	200	HZ	40x		2-3
S	200	PE	78x	5m7	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4036	E6	12 01 27.0	+61 53 44	UMa	4.5	11.5	25

A	7	PI	1x	6m3	2	B	80	HZ	30x	6m5	4
N	200	HZ	100x		3	N	200	DP	102x	6m0	3
S	200	PE	78x	5m7	3	S	250	FB	96x	5m3	3
N	317	WK	93x	6m2	3	N	320	PI	144x	6m3	2
N	430	AS	203x	6m0	2						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4034	Sc	12 01 29.6	+69 19 24	Dra	1.70	14.3	25

N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4038	Sc/I	12 01 52.8	-18 51 54	Crv	2.6	10.9	328

B	80	HZ	30x	5m5	5		S	125	FB	63x	5m6	4
S	200	PE	78x	5m0	3		N	200	HZ	100x	5m2	3
N	200	GK	91x	5m6	3		N	250	SB	100x	6m0	3
N	255	SK	200x	6m3	4	s	S	280	PP	156x	5m5	2-3
N	317	WK	170x	4m0	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4039	Sm/P	12 01 53.8	-18 53 10	Crv	3.2	11.0	328

S	125	FB	63x	5m6	4	S	200	PE	78x	5m0	3	
N	200	HZ	100x	5m2	3	N	200	GK	91x	5m6	3	
N	250	SB	100x	6m0	3	N	255	SK	200x	6m3	4	s
S	280	PP	156x	5m5	2-3	N	317	WK	170x	4m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4041	Sc	12 02 11.9	+62 08 11	UMa	2.8	11.9	25

A	7	PI	1x	6m3	2		B	80	HZ	30x	6m5	5
N	200	HZ	100x		3		N	200	DP	102x	6m0	4
S	200	PE	78x	5m7	3		S	250	FB	96x	5m3	3
N	317	WK	93x	6m2	3		N	320	PI	144x	6m3	3
N	430	AS	261x	6m0	3	s						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4044	E	12 02 29.4	-00 12 47	Vir	1.1	14.3	237

N	200	JL	92x	6m5	7

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4045	Sa/P	12 02 42.2	+01 58 35	Vir	2.8	12.8	237

N	200	JL	92x	6m5	4	N	317	WK	170x	5m2	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4047	Sb-c	12 02 50.6	+48 38 10	UMa	1.5	13.1	74

N	200	HZ	100x	6m2	3-4	N	317	WK	93x	5m5	3
N	318	DS	102x	5m9	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4049	I	12 02 54.5	+18 45 07	Com	0.90	14.5	148

N	254	JM	139x	5m3	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	7020	SO	12 02.6	+64 22.6	UMA	1.2	14.0	25

N	317	WK	212x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4051	Sc	12 03 09.6	+44 31 53	UMa	5.0	10.8	74

B	50	CF	10x	5m8	5	N	114	DB	36x	5m5	3
S	200	PE	78x	5m5	4	N	200	KV	75x	5m0	3-4
N	200	HZ	40x	6m2	3-4	S	250	FB	96x	5m3	3
N	317	WK	93x	5m5	3	N	368	RV	230x	5m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4053	S	12 03 11.5	+19 43 43	Com	1.0	14.8	148

N	400	CF	240x	6m3	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4058	L	12 03 48.9	+03 32 51	Vir	1.20	14.1	238

N	317	WK	170x	5m2	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4056	C	12 03 57.7	+20 18 41	Com		16.5	148

N	400	CF	240x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4060	S	12 04 01.0	+20 20 11	Com		15.6	148

N	400	CF	240x	6m3	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4061	E3	12 04 01.5	+20 13 56	Com	1.2	14.2	148

N	400	CF	141x	6m3	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4068	I	12 04 01.7	+52 35 19	UMa	2.7	13.1	47

N	200	HZ	100x	6m2	5-6

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4069	S	12 04 06.0	+20 19 24	Com		16.0	148

N	400	CF	240x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4065	E1	12 04 06.3	+20 14 05	Com	1.1	13.7	148

N	400	CF	141x	6m3	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4066	E	12 04 09.4	+20 20 50	Com	1.1	14.1	148

N	400	CF	240x	6m3	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4064	Sa-b	12 04 11.0	+18 26 34	Com	4.5	11.6	148

N	200	DP	102x	5m0	4	N	254	JM	139x	5m3	4-5
N	368	RV	230x	5m2	3-4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4070	E	12 04 11.3	+20 24 33	Com	1.2	14.2	148

N	400	CF	240x	6m3	3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4072**	L	12 04 13.7	+20 12 31	Com	0.5	15.8	148

N 400 CF 240x 6m0 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4073**	E1	12 04 27.1	+01 53 45	Vir	2.5	12.4	238

N 200 JL 92x 6m5 4-5
N 317 WK 170x 5m2 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4074**	L	12 04 29.7	+20 18 55	Com	0.4	15.5	148

N 400 CF 240x 6m3 3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4076**	S	12 04 32.6	+20 12 14	Com	0.8	14.3	148

N 400 CF 141x 6m3 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4081**	Sa	12 04 33.2	+64 26 12	UMa	1.50	13.7	25

N 317 WK 170x 5m8 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4075**	L	12 04 37.8	+02 04 20	Vir	1.3	14.6	238

N 200 JL 92x 6m5 5
N 317 WK 170x 5m2 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4080**	I	12 04 51.9	+26 59 30	Com	1.20	14.1	148

N 320 PI 80x 6m2 1

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**38257**	S	12 04 59.3	+76 07 13	Dra	0.9	15.4	9

N 317 WK 312x 5m8 5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**7049**	Sc	12 04.1	+20 04	Com	1.5	15.9p	148

N 400 CF 320x 6m0 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4057**	S	12 05 15.2	+20 18 38	Com		15.8	148

N 400 CF 320x 6m0 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4085**	Sb	12 05 22.4	+50 21 10	UMa	2.8	12.7	47

N 200 KV 75x 6m0 4
N 200 HZ 100x 6m2 4
S 200 PE 78x 5m3 3
S 250 FB 96x 5m3 3-4
N 317 TJ 89x 6m0 4
N 317 WK 170x 5m3 3-4
N 318 DS 102x 5m9 3
N 320 PI 80x 6m2 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4090**	Sa-b	12 05 27.9	+20 18 29	Com	1.1	14.9	148

N 400 CF 240x 6m3 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4086**	L	12 05 29.3	+20 14 48	Com	1.4	15.1	148

N 400 CF 240x 6m3 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4088**	Sc	12 05 34.6	+50 32 24	UMa	5.8	11.1	47

R 63 KV 34x 6m0 4
B 80 HZ 30x 6m5 3-4
N 114 DB 36x 5m5 4
N 200 KV 75x 6m0 4
N 200 HZ 80x 6m2 3
N 200 DP 75x 4m5 4
N 200 DP 102x 6m0 4
S 200 PE 78x 5m3 3
S 250 FB 96x 5m3 3
N 300 UN 167x 5m5 3 f
N 317 TJ 89x 6m0 2
N 318 DS 102x 5m9 2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4089**	E	12 05 37.5	+20 33 21	Com	0.8	14.7	148

N 400 CF 240x 6m0 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4091**	S	12 05 40.2	+20 33 21	Com	1.0	15.2	148

N 400 CF 240x 6m0 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4092**	S	12 05 50.2	+20 28 37	Com	1.0	14.3	148

N 400 CF 240x 6m3 3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4093**	C	12 05 51.4	+20 31 18	Com		15.4	148

N 400 CF 240x 6m0 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4095**	C	12 05 54.2	+20 34 23	Com		14.6	148

N 400 CF 240x 6m3 3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4096**	Sc	12 06 00.9	+47 28 31	UMa	6.5	11.5	74

B 80 HZ 30x 6m5 4
N 140 RH 100x 6m4 3
S 200 DK 145x 4m8 2-3
N 200 HZ 3
S 200 PE 78x 5m7 3
S 250 FB 96x 5m3 3
N 368 RV 80x 4m9 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4098**	S M	12 06 03.6	+20 36 26	Com	1.0	14.5	148

N 400 CF 240x 6m3 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4100**	Sb-c	12 06 08.3	+49 34 56	UMa	5.2	11.9	74

B 80 HZ 30x 6m5 4-5
N 114 DB 36x 5m5 4
N 200 KV 75x 6m0 4
N 200 HZ 80x 6m2 3
N 200 DP 75x 4m5 4
S 200 PE 78x 5m3 3-4
N 317 WK 170x 5m3 3
N 318 DS 102x 5m9 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4102**	Sc	12 06 23.3	+52 42 37	UMa	3.2	12.1	47

B 80 HZ 30x 6m5 4
N 200 HZ 40x 6m2 3
N 200 GK 119x 5m8 3
N 318 DS 102x 5m8 1-2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4104**	L	12 06 38.7	+28 10 23	Com	2.6	13.1	148

N 200 DP 102x 6m0 5
N 317 WK 170x 5m5 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4109**	Sa	12 06 51.1	+42 59 44	CVn	0.7	15.0	74

S 200 MC 133x 6m0 7
N 317 WK 170x 6m0 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**7089**	S	12 06.0	+43 09	UMa	3.9	14.4p	74

N 200 HZ 120x 6m5 5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4111**	L	12 07 02.9	+43 03 58	CVn	4.8	11.7	74

B 80 HZ 30x 6m5 4-5
S 125 FB 63x 5m6 3
S 200 PE 78x 4m7 2
N 200 HZ 40x 6m0 3
S 200 MC 100x 6m0 2-3
N 317 WK 170x 6m0 2-3
N 368 RV 230x 5m0 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4116**	SBc	12 07 37.0	+02 41 26	Vir	3.8	12.3	238

N 200 HZ 60x 3-4
N 317 WK 170x 6m0 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4117**	L	12 07 46.1	+43 07 33	CVn	2.5	14.0	74

N 200 HZ 120x 6m2 4-5
N 317 WK 170x 6m0 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4121**	E2	12 07 56.5	+65 06 50	Dra	0.40	14.0	25

N 317 WK 170x 5m8 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4125**	E5/P	12 08 05.5	+65 10 26	Dra	5.1	10.6	25

B 80 HZ 30x 6m2 3
S 125 FB 50x 6m3 3
S 125 FB 63x 5m6 3
M 127 JM 50x 5m6 3-4 f
N 140 RH 100x 6m0 2
S 200 PE 78x 4m5 3
N 200 KV 120x 5m5 2
N 200 DP 102x 6m0 3
N 200 GK 119x 5m6 2
S 280 PP 117x 5m0 3 s
N 317 TJ 100x 5m0 3
N 317 WK 170x 5m8 2-3
N 430 AS 183x 6m0 2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4124**	Sa	12 08 09.5	+10 22 42	Vir	4.6	12.2	193

N 200 HZ 40x 6m0 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4123**	SBb	12 08 11.2	+02 52 40	Vir	4.5	11.8	238

N 200 JL 92x 6m5 4-5
N 200 HZ 60x 3-4
N 317 WK 170x 6m0 3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4127**	Sb-c	12 08 25.8	+76 48 14	Cam	2.9	13.4	9

N 400 CF 141x 6m3 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4120**	Sc/I	12 08 31.4	+69 32 38	Dra	1.70	14.2	25

N 317 WK 170x 5m8 4

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4128**	Sa	12 08 32.2	+68 46 03	Dra	2.8	12.9	25

N	200	DP	192x	6m2	3-4		S	203	PK	110x		4	
S	254	DS	125x	5m4	3		N	317	WK	170x	5m8	3	
N	318	DS	102x	5m2	3								

NGC	**4131**	S	12 08 47.1	+29 18 15	Com	1.4	14.1	107

N	200	DP	102x	6m0	5		N	317	WK	170x	6m2	3	
N	400	CF	141x	5m7	2-3								

NGC	**4133**	SBb	12 08 49.3	+74 54 14	Dra	1.80	13.1	9

S	203	PK	110x		7		S	254	DS	125x	5m5	4	
N	318	DS	102x	5m2	3-4								

NGC	**4132**	S M	12 09 01.5	+29 14 59	Com	1.10	14.7	107

N	317	WK	170x	6m2	3-4		N	400	CF	141x	5m7	3	

NGC	**4135**	SBb-c	12 09 08.8	+44 00 11	CVn		14.9	74

N	317	WK	170x	6m0	4								

NGC	**4134**	Sb	12 09 09.9	+29 10 35	Com	2.1	13.7	107

N	200	DP	102x	6m0	5		N	317	WK	170x	6m2	3-4	
N	400	CF	141x	5m7	2-3								

NGC	**4136**	Sc	12 09 17.8	+29 55 38	Com	4.1	11.8	107

N	210	PA	91x	6m3	4								

NGC	**4138**	E4	12 09 29.7	+43 41 06	CVn	2.9	12.2	74

N	200	HZ	40x	6m0	3		N	200	GK	91x	5m8	2	
S	200	PE	78x	5m7	3		S	200	MC	133x	6m2	2-3	
N	317	WK	170x	6m0	2		N	368	RV	230x	5m0	3	

NGC	**4143**	E4	12 09 36.2	+42 32 02	CVn	2.9	11.8	74

N	200	HZ	40x	6m0	3		S	200	MC	133x	6m1	2-3	
N	368	RV	230x	5m0	3								

NGC	**4144**	Sb	12 09 59.3	+46 27 24	UMa	5.9	12.0	74

S	200	DK	145x	4m8	3		N	200	KV	75x	5m0	3	
N	200	HZ			3-4		S	200	PE	78x	5m7	4	
N	317	WK	93x	5m2	3		N	368	RV	80x	4m9	4-5	
N	508	AS	265x	6m3	3								

Mrk	**198**	S(B)0	12 09.2	+47 04	UMa	0.6	15.0p	74

N	317	WK	312x	5m2	4-5	f							

NGC	**4145**	Sc	12 10 01.7	+39 52 56	CVn	5.8	11.5	74

B	80	HZ	30x	6m5	5		N	200	HZ	100x	6m2	3	
S	200	PE	78x	5m3	4		S	200	MC	50x	6m4	4	
S	250	FB	96x	5m1	4		N	317	WK	170x	6m0	3	

NGC	**4151**	S/P	12 10 32.3	+39 24 22	CVn	5.9	11.1	74

B	80	HZ	30x	6m5	4		S	125	FB	63x	5m6	3-4	
N	200	HZ		6m2	3		S	200	PE	110x	5m3	3	
S	200	MC	50x	6m4	2-3		S	250	FB	96x	5m1	3	
N	317	WK	170x	6m0	2								

NGC	**4149**	S	12 10 32.8	+58 18 12	UMa	1.3	14.1	47

N	317	WK	170x	6m0	4								

NGC	**4150**	E2	12 10 33.6	+30 24 05	Com	2.5	12.4	107

N	200	XY	95x	5m0	4		N	210	PA	91x	6m3	4	

NGC	**4155**	E	12 10 45.6	+19 02 26	Com	1.1	14.4	148

N	317	WK	170x	5m5	3-4		N	400	CF	141x	6m3	3	

NGC	**4156**	SBb	12 10 49.4	+39 28 21	CVn	1.3	13.9	74

N	200	HZ	100x	6m2	4		S	200	MC	100x	6m4	5	
N	317	WK	170x	6m0	3-4								

NGC	**4159**	S	12 10 53.3	+76 07 33	Dra	1.30	14.3	9

N	317	WK	170x	5m8	4								

UGC	**7170**	Scd:	12 10.6	+18 49	Com	2.7	14.3	148

N	400	CF	141x	6m3	5		N	609	SK	280x	6m1	5	

NGC	**4157**	Sb-c	12 11 04.4	+50 29 03	UMa	6.9	12.1	47

R	63	KV	84x	6m0	3-4		N	200	KV	75x	6m0	3-4	
N	200	HZ	80x	6m2	3-4		N	317	TJ	89x	6m0	3	
N	318	DS	102x	5m9	3		N	320	PI	80x	6m2	3	

NGC	**4158**	Sa	12 11 10.2	+20 10 31	Com	1.6	12.9	148

N	200	DP	102x	6m0	5		N	317	WK	170x	5m5	3	
N	400	CF	141x	6m3	3								

NGC	**4161**	S	12 11 32.9	+57 44 13	UMa	1.1	13.8	47

N	317	WK	170x	6m0	3-4								

NGC	**4162**	Sc	12 11 52.5	+24 07 24	Com	2.5	12.8	148

N	318	DS	102x	5m5	2								

UGC	**7190**	SO	12 11.5	+29 05	Com	1.1	15.1	107

S	254	TE	214x	6m8	4								

NGC	**4164**	E	12 12 05.4	+13 12 19	Vir	0.50	15.7	193

N	317	WK	170x	5m8	4-5								

NGC	**4165**	SBa	12 12 11.8	+13 14 44	Vir	1.20	14.3	193

N	317	WK	170x	5m8	4								

NGC	**4168**	E0	12 12 17.2	+13 12 14	Vir	2.8	12.2	193

S	200	PE	78x	4m5	3		N	200	HZ			3	
N	254	JM	139x	5m3	4								

NGC	**4169**	S0-a	12 12 18.7	+29 10 44	Com	1.8	13.2	107

N	200	HZ	80x	6m2	4		N	317	WK	170x	6m2	3	
N	400	CF	141x	6m4	2								

NGC	**4173**	SBd	12 12 21.5	+29 12 24	Com	4.8	13.4	107

N	200	HZ	120x	6m2	5		N	317	WK	170x	6m2	5	

NGC	**4170**	GxyP	12 12 24.0	+29 11 00	Com			107

N	400	CF	141x	6m4	3-4								

NGC	**4174**	L	12 12 26.9	+29 08 55	Com	1.7	14.4	107

N	200	HZ	120x	6m2	5		N	317	WK	170x	6m2	4	
N	400	CF	141x	6m4	3								

NGC	**4175**	Sb-c	12 12 31.0	+29 10 05	Com	1.9	14.2	107

N	200	HZ	120x	6m2	5		N	317	WK	170x	6m2	4	
N	400	CF	141x	6m4	3								

NGC	**4179**	L	12 12 52.1	+01 17 57	Vir	4.2	11.9	238

N	200	GK	91x	5m6	2								

UGC	**7208**	S?	12 12.5	+39 07	CVn	1.2	14.4p	74

N	200	HZ	120x	6m5	5								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4183	Sc	12 13 16.8	+43 41 51	CVn	5.0	12.8	74

N	200	HZ	100x	6m0	4			S	200	MC	100x	6m4	4	
N	317	WK	170x	6m0	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4185	S R	12 13 22.2	+28 30 35	Com	2.60	13.2	107

N	400	CF	141x	6m4	2-3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4190	I	12 13 44.4	+36 37 59	CVn	1.6	13.4	107

N	200	HZ	120x	6m2	4-5			S	200	MC	100x	6m4	4	
N	317	WK	93x	5m7	3-4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4189	Sc	12 13 47.2	+13 25 27	Com	2.5	12.5	193

N	200	HZ			3			N	210	PA	91x	6m3	3	
N	317	WK	170x	5m8	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4193	SBc	12 13 53.4	+13 10 20	Vir	2.3	13.2	193

N	200	HZ			3-4			N	317	WK	170x	5m8	3	
N	400	CF	141x	6m4	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	98	Sb	12 13.8	+14 54	Com	9.5	10.1	193

B	50	RS	10x		5			R	63	KV	34x	6m5	4	
B	80	PI	20x	6m5	5			R	90	SG	56x	6m3	3-4	
N	114	DB	36x	5m0	5			M	150	PI	38x	5m9	3	
S	200	DK	50x	5m0	3			S	200	PE	55x	5m5	3	
N	200	GK	57x	5m8	3			S	200	MC	78x	5m3	3	
N	200	DP	102x	5m5	3			N	210	PA	91x	6m3	3	
S	250	FB	96x	5m4	3			N	250	SB	150x	5m4	2	
N	254	JM	139x	5m3	3-4			S	280	PP	117x	5m5	1	s
N	300	HT	94x	6m2	2	s								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4186	Sa-b	12 14 06.4	+14 43 31	Com	1.00	14.6	193

N	317	WK	170x	5m8	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4200	L	12 14 44.3	+12 10 49	Vir	1.50	14.0	193

N	317	WK	170x	5m8	3-4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4203	E/P	12 15 05.0	+33 11 49	Com	3.6	11.7	107

B	80	HZ	30x	6m2	3-4			N	200	XY	95x	5m0	2-3	
N	200	HZ	40x	6m2	3			S	200	PE	78x	5m3	3	
S	250	FB	96x	4m9	3			N	254	JM	96x	5m3	3	
N	317	TJ	62x	5m0	3			N	318	DS	102x	5m3	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	3065	L	12 15 12.5	+14 25 59	Com	1.00	14.5	193

N	317	WK	170x	5m8	4-5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4204	SBdm	12 15 14.2	+20 39 30	Com	4.3	13.9	148

N	317	WK	170x	5m5	3-4			N	400	CF	141x	6m3	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4210	SBb	12 15 15.8	+65 59 08	Dra	1.9	13.3	25

N	200	DP	102x	6m0	5-6			N	317	WK	170x	5m3	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4206	Sb-c	12 15 16.7	+13 01 20	Vir	5.2	12.8	193

S	200	DK	148x	5m0	4			N	200	HZ			3-4	
S	250	FB	96x	4m9	5			N	250	SB	100x	5m1	5	
N	317	WK	170x	6m0	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4213	E	12 15 37.5	+23 58 53	Com	1.7	13.5	148

N	317	WK	170x	5m5	3			N	400	CF	141x	6m3	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4214	IB	12 15 38.8	+36 19 37	CVn	7.9	10.2	107

N	114	DB	36x	5m5	4			S	125	FB	63x	5m6	3	
N	140	RH	100x	6m4	2-3			S	200	PE	50x	5m5	2	
N	200	HZ	80x		3			N	200	DP	102x	5m5	3	
S	200	MC	100x	6m4	2-3			M	228	GI	124x	5m	3	
N	317	WK	93x	5m7	2-3			N	368	RV	80x	5m0	2-3	
N	400	CF	141x	6m1	1	s								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4212	Sc	12 15 39.2	+13 54 05	Com	3.0	11.8	193

B	80	HZ	30x	6m3	4-5			M	150	PI		5m9	7	
S	200	PE	78x	4m5	4			N	200	HZ			3	
N	210	PA	91x	6m3	4			S	280	PP	117x	5m5	2	s
N	317	WK	170x	5m5	2-3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4218	Sa	12 15 46.0	+48 07 52	CVn	0.9	13.4	74

N	200	HZ	120x	6m2	4			N	317	WK	93x	6m2	3-4	
N	500	CF	147x	6m8	3			N	508	AS	265x	6m3	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4217	Sb	12 15 50.6	+47 05 22	CVn	5.2	12.1	74

S	200	DK	145x	4m8	3-4			N	200	KV	75x	5m0	4	
N	200	HZ	100x	6m2	4			N	200	DP	102x	6m0	4-5	
S	200	MC	100x	6m0	4-5			S	200	PE	78x	5m7	4	
S	250	FB	96x	5m1	5			N	254	JM	98x	5m	3	
N	317	WK	93x	6m2	3			N	500	CF	147x	6m8	2-3	
N	508	AS	265x	6m3	3	s		N	609	SK	360x	5m9	2	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4216	Sb	12 15 54.0	+13 08 50	Vir	8.3	11.1	193

R	63	KV	34x	6m5	3-4			B	80	HZ	30x	6m0	4	
R	90	SG	56x	6m3	3-4			M	150	PI	38x	5m9	2	
S	200	PE	78x	4m5	3			S	200	DK	148x	5m0	2-3	s
N	200	KV	120x	5m0	2	s		N	200	HZ			3	
N	200	GK	57x	5m8	3			S	250	FB	96x	4m9	3	
N	250	SB	100x	5m1	2			N	254	JM	139x	5m3	3-4	
S	280	PP	117x	5m5	1	s		N	317	WK	93x	4m8	3	
N	317	TJ	66x	5m0	2									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	7257	S-IRR	12 15.0	+35 58	CVn	1.3	14.1p	107

N	200	HZ	120x	6m5	5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	7267	Sm	12 15.4	+51 22	CVn	2.0	14.6	47

N	318	DS	102x	5m9	3-4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4221	LB	12 16 00.0	+66 13 51	Dra	6.1	13.4	25

N	200	DP	102x	6m0	5			N	317	WK	170x	5m3	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	3080	SB	12 16 02.6	+14 11 22	Com	1.00	15.7	193

N	317	WK	170x	5m8	4-5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4220	S0-a	12 16 11.8	+47 52 57	CVn	4.1	12.2	74

S	125	FB	63x	5m6	3-4			S	200	DK	145x	4m8	3	
N	200	HZ	100x		3			S	200	MC	50x	6m0	3	
N	317	WK	93x	6m2	3			N	368	RV	80x	4m9	3	
N	500	CF	147x	6m8	2			N	508	AS	265x	6m3	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4222	Sd	12 16 22.6	+13 18 23	Com	3.3	13.9	193

N	200	HZ	120x		5			N	210	PA	91x	6m3	4	
N	250	SB	100x	5m1	5			N	317	WK	170x	6m0	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4226	Sa/P	12 16 26.3	+47 01 30	CVn	1.3	14.4	74

N	200	KV	75x	5m0	5			N	200	HZ	120x	6m2	4-5	
S	200	MC	133x	6m0	7			S	200	PE	78x	5m7	4	
N	317	WK	170x	6m2	3-4			N	500	CF	147x	6m8	3	
N	508	AS	265x	6m3	3			N	609	SK	525x	5m9	3	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4227	SBa	12 16 33.7	+33 31 18	CVn	1.6	13.7	107

N	200	HZ	120x	6m2	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4224	Sa	12 16 33.9	+07 27 42	Vir	2.4	12.9	193

N	200	DP	102x	6m9	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4229	S	12 16 38.7	+33 33 38	CVn	1.2	14.2	107

N	200	HZ	120x	6m2	4-5									

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4236	SBdm	12 16 43.3	+69 27 47	Dra	19	10.7	25

B	80	HZ	30x	6m2	4-5			N	114	DK	56x	5m0	5				
N	140	RH	100x	6m0	4			S	200	PE	32x	6m0	4				
N	200	KV	75x	6m0	3			N	200	HZ	40x		4-5				
N	200	DP	36x	6m2	3-4			N	200	DP	102x	6m0	3-4				
S	203	PK	60x		4-5			N	250	SB	66x	6m8	2	s			
N	250	SB	74x	5m8	3			S	254	DS	125x	5m4	3-4				
N	317	WK	93x	6m0	3-4			N	318	DS	102x	5m2	5				
N	430	AS	265x	5m8	5												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4231	L/P	12 16 48.9	+47 27 27	CVn	1.2	15.4	74

N	200	HZ	120x	6m2	4-5			N	317	WK	170x	6m2	4				
N	500	CF	147x	6m8	3-4			N	508	AS	265x	6m3	3				
N	609	SK	525x	5m9	3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4232	SBb-c/	12 16 49.0	+47 26 18	CVn	1.4	14.5	74

S	200	MC	200x	6m0	7			N	317	WK	170x	6m2	4				
N	500	CF	147x	6m8	3-4			N	508	AS	265x	6m3	3				
N	609	SK	525x	5m9	3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4233	LB	12 17 07.6	+07 37 25	Vir	2.3	13.0	193

N	200	DP	102x	6m9	4												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4235	Sa	12 17 09.7	+07 11 25	Vir	4.3	12.6	193

N	200	DP	102x	6m9	3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4237	SBc	12 17 11.4	+15 19 22	Com	2.3	12.6	193

M	150	PI	38x	5m9	3			S	200	DK	148x	5m0	3-4				
N	200	JL	92x	6m5	3			N	200	HZ			3				
N	210	PA	91x	6m3	4												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4241	Sa	12 17 25.8	+06 41 20	Vir	2.5	13.0	193

N	200	DP	102x	6m9	3			N	317	WK	170x	6m0	4				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4250	LB	12 17 25.9	+70 48 08	Dra	2.3	12.8	25

N	200	DP	102x	6m2	4			N	317	WK	170x	5m8	3				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4244	Sc	12 17 29.9	+37 48 26	CVn	16	10.7	107

R	60	PA	28x	5m4	4			R	63	KV	34x	5m0	4-5				
B	80	HZ	30x	6m3	4			N	114	DK	33x	4m8	4				
N	114	DB	36x	5m5	4			S	125	FB	74x	6m6	3				
N	140	RH	100x	6m4	4-5			N	200	WK	75x	5m2	5				
N	200	HZ	80x		3			S	200	PE	50x	5m5	3				
S	200	WG	50x	4m7	3	f	DSF	S	200	MC	100x	6m4	3				
N	200	DP	102x	5m5	3			S	250	FB	96x	5m1	3				
N	250	SB	150x	6m2	2			N	317	WK	93x	5m7	3				
N	400	CF	141x	6m1	1	s											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4242	SB	12 17 30.0	+45 37 07	CVn	4.8	11.5	74

B	80	HZ	30x	6m3	4-5			N	140	RH	100x	6m4	4				
N	200	HZ	40x	6m0	4-5			S	200	PE	78x	5m7	4				
N	300	HT	75x	6m4	3			N	317	WK	93x	6m2	3				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4245	SBb-c	12 17 36.9	+29 36 25	Com	3.3	12.3	107

S	200	PE	110x	6m0	3			S	200	JL	100x	5m0	3				
N	200	XY	95x	5m0	3-4			N	200	HZ	100x		3				
N	200	DP	102x	6m0	3-4			N	210	PA	91x	6m3	3				
N	318	DS	102x	6m1	3			N	400	CF	141x	6m4	2				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4248	I	12 17 50.4	+47 24 31	CVn	3.0	13.2	74

N	200	HZ			5			S	200	MC	50x	6m0	5-6				
N	317	WK	93x	6m2	3			N	500	CF	147x	6m8	3				
N	508	AS	265x	6m3	3			N	609	SK	360x	5m9	3				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	7321	Sc	12 17.6	+22 32.4	Com	5.6	13.4	148

N	609	SK	280x	6m1	4	s											

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4251	E7	12 18 08.4	+28 10 29	Com	4.2	11.6	107

B	80	HZ	30x	6m2	3			S	200	JL	100x	5m0	2				
N	200	XY	45x	5m0	2			N	200	HZ	120x		3				
N	200	DP	102x	6m0	3			S	200	PE	78x	5m7	3				
S	250	FB	96x	5m1	3			N	318	DS	102x	6m1	2-3				
N	400	CF	141x	5m7	1												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4202	Sb-c	12 18 08.5	-01 03 52	Vir	1.20	14.5	238

N	317	WK	214x	6m0	4												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4253	SBa	12 18 26.4	+29 48 45	Com	0.90	13.8	107

N	210	PA	91x	6m3	3			N	400	CF	141x	6m4	3				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4256	Sb	12 18 42.8	+65 53 52	Dra	4.6	12.9	25

N	317	WK	170x	5m3	3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	99	Sc	12 18.8	+14 25	Com	5.4	9.8	193

B	50	RS	10x		4			B	50	KH	10x	5m7	4				
R	63	KV	34x	6m5	3			B	80	PI	20x	6m5	3				
R	90	SG	56x	6m3	3-4			R	90	TJ	38x	5m0	3				
N	114	DB	36x	5m0	4			M	150	PI	83x	5m9	2				
S	200	DK	50x	5m0	2-3			S	200	PE	55x	5m5	2				
N	200	DP	102x	5m5	3			S	200	MC	78x	5m3	2-3				
N	200	GK	57x	5m8	3			N	210	PA	91x	6m3	3				
N	250	SB	100x	5m4	3			S	250	FB	96x	5m4	2				
N	254	JM	96x	5m3	3			S	280	PP	117x	5m0	1	s			
N	300	HT	94x	6m2	1			N	317	TJ	177x	5m0	2	s			
N	320	PI	144x	5m8	2			N	400	CF	141x	6m3	1	s			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4257	Sa-b	12 19 06.5	+05 43 32	Vir	1.2	15.1	193

N	300	HT	94x	6m2	2			N	317	TJ	62x	5m0	3				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4259	L	12 19 22.1	+05 22 35	Vir	1.10	14.3	238

N	300	HT	94x	6m2	3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4260	SBa-b	12 19 22.2	+06 05 52	Vir	2.6	12.7	193

N	200	DP	102x	6m4	4-5			N	317	WK	170x	6m0	3				
N	317	TJ	62x	5m0	3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4261	E2	12 19 23.1	+05 49 26	Vir	3.9	11.4	193

B	80	HZ	30x	6m0	3-4			S	200	PE	78x	5m5	3				
N	200	DP	102x	6m4	3			N	200	GK	119x	5m8	3				
N	317	WK	170x	6m0	2-3												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	777	SB	12 19 23.6	+28 18 32	Com	1.70	14.4	107

N	317	WK	170x	6m0	3-4												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4262	E1	12 19 30.6	+14 52 38	Com	2.2	12.5	193

S	200	DK	148x	5m0	4			N	200	JL	92x	6m5	3				
N	200	HZ			3			N	210	PA	137x	6m3	4				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4271	L	12 19 32.7	+56 44 12	UMa	1.5	13.5	47

N	200	HZ	100x	6m2	4												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4264	LB	12 19 35.6	+05 50 47	Vir	1.1	13.9	193

N	300	HT	94x	6m2	3			N	317	WK	170x	6m0	3				
N	317	TJ	62x	5m0	5												

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4267	E2	12 19 45.3	+12 47 52	Vir	3.5	11.8	193

R	63	KV	53x	6m5	4			N	200	HZ		6m2	3				
S	200	PE	78x	5m7	3			N	317	WK	170x	6m0	3-4				

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4268	SBa	12 19 47.1	+05 17 01	Vir	1.6	13.2	193

N	300	HT	94x	6m2	4			N	317	WK	170x	6m0	3				
N	317	TJ	216x	5m0	3												

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4272	E1	12 19 47.6	+30 20 18	Com	1.0	14.1	107

N	200	HZ	120x	6m2	4-5			N	210	PA	137x	6m3	4		
N	317	WK	170x	5m8	4			N	400	CF	141x	6m4	3		

NGC	4269	L	12 19 49.2	+06 00 53	Vir	1.1	13.8	193

N	300	HT	94x	6m2	3			N	317	TJ	62x	5m0	3-4		

NGC	4270	Sa	12 19 49.4	+05 27 46	Vir	2.2	13.1	193

N	200	HZ			3-4			N	317	WK	170x	6m0	3		
N	317	TJ	216x	5m0	3										

NGC	4274	Sb-c	12 19 50.8	+29 36 47	Com	6.9	11.3	107

B	80	HZ	30x	6m2	3			N	114	DB	36x	5m5	3		
S	200	PE	110x	6m0	3			S	200	JL	100x	5m0	3		
N	200	XY	45x	5m0	2			N	200	HZ	100x		3		
N	200	DP	102x	6m0	3			N	200	HR	82x	5m5	3		
N	210	PA	137x	6m3	3			S	250	FB	96x	5m1	3		
N	317	WK	170x	6m0	2-3			N	318	DS	102x	6m1	3		
N	400	CF	141x	6m4	1										

NGC	4275	S	12 19 52.6	+27 37 14	Com	0.80	13.6	148

N	317	WK	170x	5m8	3										

NGC	4273	Sc	12 19 56.0	+05 20 35	Vir	2.3	12.4	193

N	200	HZ			3			N	200	DP	102x	6m4	4		
N	300	HT	94x	6m2	4			N	317	WK	170x	6m0	3		
N	317	TJ	216x	5m0	3										

M	106	Sb p	12 19.0	+47 18	CVn	18	8.3	74

B	30	KH	8x	5m7	3-4			B	50	SK	10x	5m5	4			
B	50	PA	10x	5m4	3			B	60	DK	20x	5m0	2-3			
R	63	KV	34x	5m0	3			R	90	TJ	38x	5m0	2			
M	100	MC	38x	5m8	2-3			B	100	CF	20x	6m0	1			
N	114	DK	83x	5m0	3	s		N	114	SB	63x	5m1	3			
N	114	DB	36x	5m5	2			S	125	FB	63x	5m6	2			
N	140	RH	100x	6m4	1			N	200	DP	75x	5m0	3			
S	200	HL	50x		2			S	200	MC	100x	6m0	2-3			
M	228	GI	124x	4m9	3	s		N	250	SB	150x	5m7	2	s		
S	250	FB	96x	5m1	2			N	254	JM	42x	5m	2-3			
N	317	WK	93x	6m2	1-2	s		N	500	CF	147x	6m8	1	s		
N	609	SK	280x	5m9	1	s										

NGC	4277	SBa	12 20 03.6	+05 20 29	Vir	0.9	15.2	193

N	300	HT	94x	6m2	3										

IC	3165	SBb	12 20 04.7	+27 58 28	Com	1.10	14.6	148

N	317	WK	170x	5m8	5										

PGC	39763		12 20 06.1	+75 30 22	Dra	0.7	15.5	9

S	254	TE	286x	6m6	5										

NGC	4278	E1	12 20 06.7	+29 16 47	Com	3.6	11.1	108

B	80	HZ	30x	6m2	3			N	102	DS	102x	6m1	2		
S	200	PE	110x	6m0	2			S	200	JL	100x	5m0	3		
N	200	XY	45x	5m0	2			N	200	HZ	100x		3		
N	200	DP	102x	6m0	3			N	200	HR	82x	5m5	3		
S	250	FB	96x	5m1	3			N	317	WK	170x	6m0	2		
N	400	CF	141x	6m4	1										

NGC	4291	E1	12 20 17.3	+75 22 14	Dra	2.2	12.4	9

N	200	DP	192x	6m0	3-4			S	203	PK	60x		4		
S	254	DS	100x	5m5	3			N	317	WK	170x	6m0	3		
N	318	DS	102x	5m2	2-3										

NGC	4283	E0	12 20 20.6	+29 18 37	Com	1.4	13.0	108

S	200	JL	100x	5m0	3			N	200	XY	95x	5m0	3		
N	200	HZ	100x		3			N	200	DP	102x	6m0	4		
N	317	WK	170x	6m0	3			N	318	DS	102x	6m0	3-4		
N	320	PI	144x	6m0	3			N	400	HZ	141x	6m4	2		

NGC	4281	E5	12 20 21.6	+05 23 09	Vir	3.1	12.3	193

N	200	HZ			3			N	200	DP	102x	6m4	3-4		
N	300	HT	94x	6m2	3			N	317	WK	170x	6m0	3		
N	317	TJ	216x	5m0	3										

NGC	4288	SBc	12 20 38.0	+46 17 38	CVn	2.7	13.3	74

N	200	HZ	120x	6m2	4-5			S	200	MC	100x	6m0	7		
N	317	WK	93x	6m2	3										

NGC	4286	Sa	12 20 42.1	+29 20 42	Com	1.9	14.5	107

N	200	HZ			5			N	317	WK	170x	6m0	3-4		
N	400	CF	141x	6m4	3										

NGC	4290	SBb	12 20 47.5	+58 05 31	UMa	2.5	12.8	47

S	200	PE	78x	5m4	5			N	200	HZ	100x	6m2	3		
N	317	WK	170x	6m0	3			N	318	DS	102x	5m3	4		
N	430	AS	70x	6m0	3										

NGC	4295	C	12 21 09.7	+28 09 54	Com		14.9	107

N	317	WK	312x	6m2	4-5										

NGC	4293	Sa/P	12 21 12.9	+18 22 56	Com	6.0	11.2	148

B	80	HZ	30x	6m3	4-5			N	200	HZ			3		
N	200	DP	102x	5m0	4			N	210	PA	91x	6m3	3		
S	250	FB	96x	4m9	3-4			N	254	JM	139x	5m3	4		
S	280	PP	117x	5m0	1			N	400	CF	133x	6m2	1		

NGC	4292	LB	12 21 16.4	+04 35 44	Vir	1.9	13.8	238

N	200	HZ	100x	6m0	4-5			N	300	HT	94x	6m2	3		
N	317	WK	170x	5m5	4										

NGC	4294	SBc	12 21 17.8	+11 30 33	Vir	3.1	12.5	193

N	200	HZ	40x		3-4			N	210	PA	91x	6m3	4		

NGC	4298	Sc	12 21 32.9	+14 36 22	Com	3.2	12.1	193

B	80	HZ	30x	6m0	4			S	200	DK	148x	5m0	3		
N	200	HZ			3			N	210	PA	91x	6m3	4		
S	250	FB	96x	4m9	3-4			N	250	SB	100x	5m7	3		
N	317	TJ	62x	5m0	3			N	400	CF	141x	6m3	3		

NGC	4301	S0-a	12 21 34.0	+04 46 46	Vir	1.30	15.4	238

N	300	HT	75x	6m2	7										

IC	783	SBa	12 21 38.8	+15 44 39	Com	1.1	14.4	193

S	200	DK	148x	5m0	5										

IC	3201	E/P	12 21 40.3	+25 43 32	Com	1.70	16.9	148

S	125	FB	50x	6m1	3										

NGC	4299	I	12 21 40.5	+11 30 03	Vir	1.7	12.9	193

N	200	HZ	40x		3-4			N	210	PA	91x	6m3	4		

NGC	4300	S R	12 21 41.3	+05 23 03	Vir	1.5	13.8	193

N	200	HZ	100x	6m0	4-5			N	300	HT	94x	6m2	4		
N	317	WK	170x	6m0	3-4			N	317	TJ	62x	5m0	4		

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4302**	Sc	12 21 42.2	+14 35 52	Com	5.2	12.6	193

M	150	PI	83x	5m9	4			S	200	DK	148x	5m0	4		
N	200	HZ			3			N	210	PA	91x	6m3	4		
S	250	FB	96x	4m9	4			N	250	SB	100x	5m7	3		
N	317	TJ	62x	5m0	4			N	400	CF	141x	6m3	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4319**	SBa-b	12 21 43.9	+75 19 19	Dra	3.1	12.8	9

N	200	DP	102x	6m0	4			S	254	DS	100x	5m5	3		
N	317	WK	170x	6m0	3-4			N	317	TJ	216x	5m0	3		
N	318	DS	102x	5m2	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4308**	E1	12 21 56.8	+30 04 25	Com	0.8	14.2	107

N	200	HZ	120x	6m0	5			N	317	WK	170x	6m0	4		
N	400	CF	141x	6m4	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**7408**	Iam	12 21.3	+45 49	CVn	2.5	13.1	74

N	317	WK	93x	6m2	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**61**	Sc	12 21.9	+04 28	Vir	6.0	9.7	238

B	50	KH	10x	5m7	5			B	50	RS	10x		4-5		
R	63	KV	34x	5m5	3			B	80	PI	20x	6m5	2		
N	110	CW	54x	5m2	4	f		N	114	DB	28x	4m5	4		
N	114	DK	56x	4m6	3			N	200	KV	200x	6m5	2		
N	200	DP	102x	6m4	2			S	203	DS	102x	5m5	3		
S	250	FB	96x	5m4	2			N	250	SB	150x	6m2	2	s	
N	254	JM	96x	5m3	3-4			N	300	HT	120x	6m2	1	s	
N	317	WK	93x	5m5	3	s		N	317	TJ	177x	5m0	3		
N	400	CF	141x	6m3	1-2	s									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3210**	L	12 22 00.8	+28 25 50	Com	2.40	15.5	108

N	317	WK	312x	6m0	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3212**	S	12 22 03.4	+28 11 07	Com	2.40	15.7	108

N	317	WK	312x	6m0	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4305**	Sa	12 22 03.6	+12 44 25	Vir	2.2	13.3	193

N	200	HZ	120x	6m0	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4306**	LB M	12 22 04.2	+12 47 13	Vir	1.3	13.8	193

N	200	HZ	120x	6m0	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4310**	I/P	12 22 26.3	+29 12 28	Com	2.6	13.3	107

N	200	HZ	100x		3-4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4303 A**	SBc	12 22 27.2	+04 33 55	Vir	1.6	13.6	238

N	200	HZ	100x	6m0	5			N	300	HT	94x	6m2	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4312**	Sa-b	12 22 31.4	+15 32 15	Com	4.7	12.6	193

S	200	DK	148x	5m0	4			N	200	JL	92x	6m5	4-5		
N	200	HZ			3			N	200	DP	102x	6m0	4		
N	200	DP	102x	5m5	4			N	210	PA	91x	6m3	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4314**	SBa	12 22 31.8	+29 53 43	Com	4.8	11.4	108

B	80	HZ	30x	6m2	3			S	200	PE	110x	6m0	3		
N	200	XY	45x	5m0	2-3			N	200	HZ			3		
N	200	DP	102x	6m0	3			N	200	HR	82x	5m5	2		
N	210	PA	91x	6m3	3			S	250	FB	96x	5m1	3		
N	254	JM	139x	5m3	3			N	317	WK	170x	6m0	2-3		
N	318	DS	102x	5m5	2			N	400	CF	141x	6m4	1-2		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**40101**		12 22 36.2	+29 26 22	Com		15.3	108

N	318	DS	102x	5m4	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4313**	Sa-b	12 22 38.3	+11 48 02	Vir	3.80	12.8	193

N	210	PA	91x	6m3	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4332**	SBa	12 22 46.7	+65 50 37	Dra	2.10	13.1	25

N	317	WK	170x	5m3	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**100**	Sc	12 22.9	+15 49	Com	6.9	9.4	193

B	50	RS	10x		3			B	50	KH	10x	5m7	5		
R	63	KV	34x	6m5	3			R	72	MS	33x	5m0	3		
B	80	PI	20x	6m5	2			R	90	SG	56x	6m3	3		
N	114	DB	36x	5m0	4			M	150	PI	50x	5m9	2		
S	200	MC	78x	5m3	2-3			S	200	PE	55x	5m5	2		
S	200	DK	50x	5m0	3			N	200	DP	102x	5m5	3		
N	200	DP	36x	6m0	3			N	210	PA	91x	6m3	2		
S	250	FB	96x	5m4	2			N	250	SB	100x	5m4	2		
N	254	JM	139x	5m3	3			S	280	PP	117x	5m0	1	s	
N	317	WK	45x	6m4	2			N	320	PI	144x	5m8	2		
N	400	CF	141x	6m3	1	s									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4322**	LB	12 23 01.7	+15 54 17	Com	1.3	14.8	193

S	200	DK	148x	5m0	6										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4335**	E2	12 23 01.9	+58 26 38	UMa	1.9	13.4	47

N	200	HZ	120x	6m2	4			N	317	WK	170x	6m2	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4324**	Sb-c	12 23 06.0	+05 14 58	Vir	2.5	12.5	193

N	200	HZ			3			N	200	DP	102x	6m4	3		
N	300	HT	94x	6m2	2			N	317	WK	170x	6m0	3		
N	317	TJ	62x	5m0	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4328**	L	12 23 20.0	+15 49 11	Com	1.5	14.3	193

S	200	DK	148x	5m0	5-6										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4333**	SBa-b	12 23 22.2	+06 02 26	Vir	0.9	14.5	193

N	400	CF	141x	6m3	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4346**	E6	12 23 27.9	+46 59 36	CVn	3.3	12.3	74

S	200	DK	145x	4m8	3			N	200	HZ			3		
S	200	MC	100x	6m0	3			N	317	WK	93x	6m2	3		
N	368	RV	80x	4m9	3			N	368	RV	230x	5m3	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4339**	E0	12 23 34.9	+06 04 53	Vir	2.3	12.3	193

N	200	DP	102x	6m4	4			N	200	HZ	100x	6m0	3		
N	400	CF	141x	6m3	2										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4340**	SBa	12 23 35.2	+16 43 20	Com	4.1	12.1	148

B	80	HZ	30x	6m0	5			B	100	JM	25x	6m0	4-5		
N	200	HZ			3			N	200	DP	102x	6m0	3-4		
S	200	PE	78x	5m7	3			N	210	PA	91x	6m3	3		
S	250	FB	96x	4m9	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4344**	LB	12 23 37.5	+17 32 28	Com	1.40	13.4	148

N	317	WK	170x	5m6	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4343**	Sb	12 23 38.7	+06 57 14	Vir	2.8	13.2	193

N	320	PI	144x	6m0	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4342**	L	12 23 39.1	+07 03 14	Vir	1.20	13.2	193

N	320	PI	144x	6m0	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4350**	E7	12 23 57.8	+16 41 34	Com	3.2	12.0	148

B	80	HZ	30x	6m0	5			B	100	JM	25x	6m0	4		
N	200	HZ			3			N	200	DP	102x	6m0	3		
S	200	PE	78x	5m7	3			N	210	PA	91x	6m3	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4357**	Sb-c	12 23 59.1	+48 46 46	CVn	3.6	13.2	75

N	200	HZ	100x	6m2	4			S	200	MC	50x	6m0	5		
N	317	WK	93x	6m2	3-4			N	368	RV	230x	5m3	4-5		

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4364**	L M	12 24 02.0	+58 23 06	UMa	1.3	14.2	47

N	317	WK	170x	6m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4359**	L	12 24 11.4	+31 31 15	Com	3.5	13.7	108

N	200	HZ	100x	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4386**	Sa	12 24 27.7	+75 31 44	Dra	3.0	12.7	9

N	200	DP	102x	6m0	4		S	203	PK	60x	4
S	254	DS	100x	5m9	3		N	317	WK	170x	6m0 3
N	317	TJ	216x	5m0	3		N	318	DS	102x	5m2 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4365**	E2	12 24 28.2	+07 19 01	Vir	6.2	10.6	193

B	80	HZ	30x	6m0	3		S	200	PE	50x	5m0 3
N	200	HZ			3		N	200	DP	102x	6m0 3
S	280	PP	117x	5m0	1	s	N	320	PI	144x	6m0 2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**40377**		12 24 28.9	+46 01 07	CVn		15.0	74

N	317	WK	170x	6m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4369**	Sa	12 24 36.4	+39 22 56	CVn	2.5	12.3	75

S	200	DK	148x	5m0	3		N	200	HZ	80x	6m2 4
S	200	MC	100x	6m0	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4370**	Sa	12 24 55.0	+07 26 38	Vir	1.30	13.8	193

N	320	PI	144x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4371**	SBa	12 24 55.4	+11 42 13	Vir	3.9	11.9	193

B	80	HZ	30x	6m0	4		S	200	DK	145x	5m0 2-3
N	200	HZ			3		S	200	PE	78x	5m7 3
N	210	PA	91x	6m3	4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4375**	SBa-b/	12 25 00.4	+28 33 29	Com	1.6	13.8	108

N	200	HZ	100x		4-5		N	317	WK	170x	6m0 3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4377**	E1	12 25 12.4	+14 45 42	Com	1.8	12.7	193

N	200	HZ			3		N	200	DP	102x	6m0 3
N	210	PA	91x	6m3	4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4379**	E1	12 25 14.7	+15 36 26	Com	2.1	12.6	193

N	200	HZ			3		N	200	DP	102x	6m0 3-4
N	210	PA	91x	6m3	4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4378**	Sa	12 25 18.0	+04 55 29	Vir	3.3	12.6	238

N	200	HZ			3		N	200	DP	192x	6m4 3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4376**	I	12 25 18.1	+05 44 26	Vir	1.40	13.7	193

N	200	HZ	100x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4392**	C	12 25 18.7	+45 50 49	CVn	0.70	14.7	75

S	200	MC	133x	6m0	6		N	317	WK	170x	6m2 3
N	368	RV	160x	4m9	7						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4391**	L	12 25 18.9	+64 55 59	Dra	1.10	13.7	25

S	203	PK	60x		4-5		N	317	WK	170x	5m8 3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4380**	Sa-b	12 25 22.1	+10 00 58	Vir	3.7	12.7	193

S	200	DK	145x	5m0	3-4		N	200	HZ		3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**787**	L	12 25 25.2	+16 07 23	Com	0.50	15.1	193

N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4383**	E/P	12 25 25.5	+16 28 10	Com	2.2	12.7	193

N	200	HZ			3		N	210	PA	91x	6m3 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4389**	SB/P	12 25 35.0	+45 41 04	CVn	2.7	12.8	75

N	200	HZ	100x	6m2	3-4		S	200	MC	133x	6m0 3-4
N	317	WK	170x	6m2	3		N	368	RV	160x	4m9 4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4387**	E5	12 25 41.7	+12 48 35	Vir	1.9	13.0	193

B	80	HZ	30x	6m0	6		S	200	DK	145x	5m0 3
N	200	KV	48x	6m0	4		N	200	HZ	120x	6m0 4
N	200	DP	75x	5m0	4		N	200	GK	57x	5m6 3
N	250	SB	150x	5m1	3		C	300	MW	112x	5m3 3-4
N	317	WK	93x	5m8	3		N	317	TJ	66x	5m0 3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4385**	SBa-b	12 25 42.6	+00 34 19	Vir	2.3	12.9	238

N	400	CF	141x	5m5	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**40576**	S	12 25 46.2	+45 17 24	CVn	0.8	15.3	75

N	317	WK	170x	6m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4388**	Sb	12 25 46.9	+12 39 41	Vir	5.1	11.8	193

R	63	KV	34x	6m5	4		B	80	HZ	30x	6m0 4
S	200	PE	55x	5m5	3		S	200	DK	145x	5m0 3
N	200	KV	48x	6m0	3-4		N	200	HZ	120x	6m0 3-4
N	200	DP	75x	5m0	4		N	200	GK	57x	5m6 3
N	203	RH	120x	6m5	2-3		S	250	FB	96x	4m9 4
N	250	SB	100x	5m1	3		C	300	MW	112x	5m3 3
N	317	WK	93x	5m8	3		N	317	TJ	66x	5m0 2-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4395**	SBR	12 25 48.8	+33 32 46	CVn	13	10.6	108

B	80	HZ	30x	6m2	4-5		B	100	CF	20x	6m0 4
N	114	DK	56x	4m7	5		N	200	KV	75x	5m0 3
N	200	HZ	40x		4		S	200	PE	50x	5m3 4
S	250	FB	96x	5m1	5		N	317	WK	75x	5m8 3-4
N	317	TJ	62x	5m0	3		N	318	DS	102x	5m3 2-3
N	320	PI	144x	6m2	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4393**	SBd	12 25 51.3	+27 33 41	Com	3.3	13.4	108

N	200	HZ	100x		5		N	317	WK	170x	6m0 4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3322**	Sc/I	12 25 54.1	+07 33 15	Vir	0.60	14.2	193

N	320	PI	144x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4394**	SBa-b	12 25 55.6	+18 12 49	Com	3.9	11.7	148

B	80	HZ	30x	6m0	5		S	200	DK	148x	4m8 3
N	200	HZ	120x		3-4		N	200	DP	102x	5m0 4
S	200	PE	78x	5m7	3		N	210	PA	91x	6m3 3
S	250	FB	96x	5m1	3		N	250	SB	139x	5m6 3
N	254	JM	96x	5m3	4		N	320	PI	144x	6m2 3
N	368	RV	230x	5m2	3		N	400	CF	133x	6m2 2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4396**	Sd	12 25 59.2	+15 40 14	Com	3.5	13.1	193

N	200	HZ	100x		5		N	200	DP	102x	6m0 7
N	210	PA	91x	6m3	4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**84**	E1	12 25.1	+12 53	Vir	5.0	9.3	193

B	50	RS	10x		4		R	63	KV	34x	6m5 2-3	
B	80	PI	20x	5m7	2		B	100	JM	25x	6m0 3	
N	114	DK	56x	4m8	2-3		N	114	DB	36x	5m0 2-3	
S	125	FB	74x	5m2	3		M	150	GI	72x	5m3 3	
M	150	PI	83x	5m5	2		N	200	GK	57x	5m6 2	
N	200	KV	48x	6m0	1		S	200	HL	77x	3	
S	200	PE	55x	5m5	1		N	200	DP	75x	5m0 3	
N	203	RH	120x	6m5	2		S	250	FB	96x	4m9 2-3	
N	250	SB	150x	5m1	2		S	280	PP	233x	5m0 2	s
C	300	MW	112x	5m3	2		N	317	WK	93x	5m8 2	

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**85**	E p/S0	12 25.4	+18 11	Com	7.1	9.2	148

B	50	RS	10x		3		R	63	KV	34x	5m5	3	
B	80	PI	20x	6m5	1	s	R	90	SG	83x	6m3	3	
N	114	DK	56x	4m8	3		N	114	DB	36x	5m5	2-3	
S	125	FB	74x	5m2	3		S	200	PE	55x	5m5	1	
N	200	DP	192x	5m0	3	s	N	210	PA	91x	6m3	2	
S	250	FB	96x	5m1	2		N	250	SB	139x	5m6	2	
N	254	JM	96x	5m3	2-3								

NGC	**4405**	Sa	12 26 07.1	+16 10 50	Com	1.6	13.1	193

N	200	DP	102x	6m0	4-5		N	400	CF	141x	6m3	3	

NGC	**4402**	Sb	12 26 07.8	+13 06 45	Vir	4.1	12.6	193

N	200	KV	48x	6m0	3-4		N	200	HZ	100x		3	
S	250	FB	96x	4m9	5		N	250	SB	100x	5m1	3	
N	317	WK	93x	5m8	3		N	317	TJ	66x	5m0	3	
N	368	RV	80x	5m8	3								

NGC	**4414**	Sc	12 26 27.1	+31 13 23	Com	3.6	11.0	108

B	80	HZ	30x	6m2	3		S	200	PE	78x	5m5	3	
N	200	XY	45x	5m0	2		N	200	HZ	100x		3	
N	210	PA	91x	6m3	3		S	250	FB	96x	5m1	3	
N	254	JM	50x	5m3	3		N	317	WK	93x	5m8	3	

NGC	**4413**	SBb	12 26 32.1	+12 36 35	Vir	2.5	12.7	193

S	200	DK	145x	5m0	4		N	200	KV	48x	6m0	4	
N	200	HZ	100x		4								

NGC	**4416**	SBc	12 26 46.7	+07 55 06	Vir	1.6	13.0	193

N	400	CF	141x	6m3	3-4								

NGC	**4417**	E7	12 26 50.4	+09 35 02	Vir	3.6	12.1	193

S	200	DK	145x	5m0	2-3		N	200	KV	75x	5m0	4	
N	200	HZ			3								

NGC	**4418**	Sa	12 26 54.6	-00 52 42	Vir	1.50	14.1	238

N	317	WK	170x	5m5	4-5								

NGC	**4419**	E/P	12 26 56.4	+15 02 50	Com	3.4	12.1	193

N	200	HZ			3		N	200	DP	102x	6m0	3	
N	210	PA	91x	6m3	4								

NGC	**4420**	Sc	12 26 58.4	+02 29 37	Vir	2.0	12.8	238

N	400	CF	141x	5m5	3								

M	**86**	E3	12 26.2	+12 57	Vir	7.4	9.2	193

B	50	RS	10x		4		R	63	KV	34x	6m5	2-3	
B	80	PI	20x	5m7	2		N	114	DK	56x	4m8	2-3	
N	114	DB	36x	5m0	4		S	125	FB	74x	5m2	3	
M	150	PI	83x	5m5	2		M	150	GI	72x	5m3	3	
S	200	HL	77x		4		N	200	KV	48x	6m0	1	
S	200	PE	55x	5m5	1		N	200	GK	57x	5m6	2	
N	200	DP	75x	5m0	3		N	203	RH	120x	6m5	1-2	
S	250	FB	96x	4m9	3		N	250	SB	150x	5m1	2	
C	300	MW	112x	5m3	2		N	317	WK	93x	5m8	2	

NGC	**4421**	SBa	12 27 02.5	+15 27 37	Com	2.7	12.4	193

N	200	HZ	60x		3		N	200	DP	102x	6m0	3-4	
N	210	PA	91x	6m3	4								

NGC	**4424**	Sb	12 27 11.4	+09 25 15	Vir	3.7	12.3	193

S	200	DK	145x	5m0	3		N	200	KV	75x	5m0	4	
N	200	HZ			3								

NGC	**4425**	Sa-b	12 27 13.3	+12 44 03	Vir	3.4	12.8	193

S	200	DK	145x	5m0	3		N	200	KV	48x	6m0	4	
N	200	HZ	100x		4		N	317	TJ	177x	5m0	3	
N	368	RV	80x	5m8	3								

NGC	**4441**	LB/P	12 27 20.2	+64 48 06	Dra	3.20	13.4	25

N	317	WK	170x	5m8	3								

NGC	**4430**	SBb/P	12 27 26.2	+06 15 44	Vir	2..7	12.6	193

N	200	DP	102x	6m4	5		N	200	HZ	100x	6m0	4	

NGC	**4429**	L	12 27 26.3	+11 06 25	Vir	5.5	11.1	193

B	80	HZ	30x	6m0	4		S	200	PE	78x	5m5	3	
S	200	DK	145x	5m0	2-3		N	200	KV	120x	5m0	3	
N	200	HZ			3		S	250	FB	96x	4m9	3	

NGC	**4431**	L	12 27 27.4	+12 17 24	Vir	1.7	13.9	193

S	200	DK	145x	5m0	5								

NGC	**4434**	E0	12 27 36.6	+08 09 14	Vir	1.3	12.9	193

N	400	CF	141x	6m3	3								

NGC	**4435**	E4	12 27 40.5	+13 04 45	Vir	3.0	11.8	193

R	63	KV	34x	6m5	4		B	80	HZ	30x	5m8	4	
B	100	JM	25x	6m0	5		M	150	PI	38x	5m5	3	
N	200	GK	57x	5m6	2		N	200	DP	75x	5m0	3	
N	200	HZ	40x		3		N	200	KV	48x	6m0	2	
S	200	DK	145x	5m0	2		S	200	PE	55x	5m5	2	
N	203	RH	120x	6m5	2		S	250	FB	96x	4m9	3	
N	250	SB	100x	5m1	2		S	280	PP	117x	5m0	1	
C	300	MW	112x	5m3	2		C	300	MW	112x	5m1	2-3	
N	317	TJ	66x	5m0	3								

NGC	**4438**	Sa/P	12 27 45.6	+13 00 29	Vir	9.3	10.9	193

R	63	KV	34x	6m5	4		B	80	HZ	30x	5m8	4	
B	100	JM	25x	6m0	4		N	200	GK	57x	5m6	2	
N	200	HZ	40x		3		N	200	KV	48x	6m0	2	
S	200	DK	145x	5m0	2		S	200	PE	55x	5m5	2	
N	200	DP	75x	5m0	3		N	203	RH	120x	6m5	2-3	
S	250	FB	96x	4m9	3		N	250	SB	100x	5m1	2	
S	280	PP	117x	5m0	1		C	300	MW	112x	5m3	2	
N	317	TJ	177x	5m0	2-3		N	317	WK	170x	6m0	4	

NGC	**4440**	SBa	12 27 53.5	+12 17 34	Vir	2.0	12.8	193

S	200	DK	145x	5m0	3								

NGC	**4442**	E5/P	12 28 03.9	+09 48 12	Vir	4.6	11.4	193

B	80	HZ	30x	6m3	4		S	200	DK	145x	5m0	2	
N	200	HZ			3		S	200	PE	110x	5m0	3	

NGC	**4449**	IB	12 28 11.3	+44 05 40	CVn	5.1	10.0	75

B	50	PA	10x	5m4	4		R	63	KV	34x	6m0	3			
B	80	HZ	30x	6m3	3		B	100	CF	20x	6m0	1-2			
N	114	SB	63x	5m1	2		N	114	DK	56x	4m8	2			
N	114	DB	36x	5m5	3		S	125	FB	74x	6m6	2			
M	150	PI	83x	5m5	2		N	150	TJ	54x	5m0	3			
N	200	HZ	40x		2		M	228	GI	78x	4m9	3			DSF
N	254	JM	42x	5m	3		N	300	UN	100x	4m7	2	f		
N	317	TJ	62x	5m0	2		N	317	WK	93x	5m8	2			
N	320	PI	240x	6m7	3		N	400	CF	141x	6m3	1	s		
N	508	AS	265x	6m3	2	s									

NGC	**4448**	Sa-b	12 28 15.5	+28 37 15	Com	4.0	12.0	108

S	200	PE	110x	6m0	3		S	200	JL	100x	5m0	3	
N	200	XY	95x	5m0	4		N	200	HZ	40x		3	
N	200	DP	102x	6m0	3		N	210	PA	91x	6m3	3	
N	317	WK	93x	5m0	2-3		N	318	DS	102x	6m1	3	
N	400	CF	141x	5m7	1								

NGC	**4445**	Sa-b	12 28 16.1	+09 26 10	Vir	2.4	13.7	193

S	200	DK	145x	5m0	4								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4450	Sb	12 28 29.3	+17 05 01	Com	4.8	10.9	148

B	80	HZ	30x	6m0	3-4		B	100	JM	25x	6m0	4			
S	200	PE	110x	6m0	3		N	200	TJ	45x	5m0	3			
N	200	HZ			3		N	210	PA	91x	6m3	3			
S	250	FB	167x	5m1	3										

NGC	4451	L	12 28 40.5	+09 15 30	Vir	1.5	13.4	193

S	200	DK	145x	5m0	4

NGC	4452	L	12 28 43.3	+11 45 16	Vir	2.4	12.9	193							
S	200	DK	145x	5m0	3		N	210	PA	137x	6m3	4			
NGC	4460	LB	12 28 45.5	+44 51 50	CVn	4.4	12.3	75							
N	200	HZ	100x	6m3	3		M	228	GI	124x	5m0	4			
N	254	JM	98x	5m	3-4		N	317	WK	170x	6m2	3			
N	368	RV	160x	4m9	3										
NGC	4484	S	12 28 52.7	-11 39 08	Vir	1.60	14.0	283							
N	400	CF	141x	5m7	3-4		N	508	AS	183x	6m0	4			
NGC	4458	E0	12 28 57.7	+13 14 30	Vir	1.9	12.8	193							
S	200	DK	145x	5m0	3		N	200	HZ			3-4			
N	200	GK	57x	5m6	3		N	203	RH	120x	6m5	3			
S	250	FB	96x	4m9	3		C	300	MW	112x	5m3	3-4			
N	368	RV	80x	5m8	3										
NGC	4457	SBa	12 28 58.9	+03 34 14	Vir	3.0	11.7	238							
N	200	DP	102x	6m4	3		S	200	PE	78x	5m7	3			
UGC	7593		12 28.2	+44 26	CVn	1.2	14.8	75							
N	317	WK	312x	6m2	4										
NGC	4459	E2	12 29 00.0	+13 58 41	Com	3.8	11.3	193							
R	63	KV	34x	6m5	4		B	80	HZ	30x	5m8	4-5			
B	100	JM	25x	6m0	4		S	200	PE	55x	5m5	2			
S	200	DK	145x	5m0	2		N	200	HZ			3			
N	200	DP	102x	5m5	3		S	250	FB	96x	4m9	3			
C	300	MW	112x	5m3	3		N	368	RV	80x	5m8	2			
N	400	CF	141x	6m3	2										
NGC	4461	Sa	12 29 02.9	+13 11 02	Vir	3.7	12.0	193							
S	200	PE	55x	5m5	2		S	200	DK	145x	5m0	2-3			
N	200	HZ			3		N	200	GK	57x	5m6	3			
N	203	RH	120x	6m5	2		S	250	FB	96x	4m9	4			
C	300	MW	112x	5m3	3		N	368	RV	80x	5m8	2-3			
NGC	4464	Sa	12 29 21.2	+08 09 23	Vir	1.1	13.6	193							
S	200	DK	145x	5m0	3-4		N	200	HZ	120x		4			
N	200	DP	102x	6m0	4-5		N	250	SB	139x	5m6	4			
N	317	WK	170x	5m4	3										
PGC	41161	C	12 29 27.6	+31 26 53	CVn	0.3	15.3	108							
N	317	WK	312x	5m4	4-5										
NGC	4469	S/P	12 29 28.1	+08 44 59	Vir	2.9	12.4	193							
S	200	DK	145x	5m0	3										
NGC	4466	Sa-b	12 29 30.6	+07 41 47	Vir	1.1	14.8	193							
N	200	DP	102x	6m0	7										
NGC	4468	L	12 29 30.9	+14 02 55	Com	1-5	13.7	193							
S	200	DK	145x	5m0	4-5		N	200	HZ			4-5			
C	300	MW	112x	5m4	4-5		N	368	RV	80x	5m8	4			
N	400	CF	141x	6m3	3-4										
NGC	4470	Sa	12 29 37.9	+07 49 24	Vir	1.5	13.1	193							
S	200	DK	145x	5m0	3-4		N	200	HZ	100x		3			
N	200	DP	102x	6m0	4		N	200	DP	102x	5m5	4			
N	317	WK	170x	5m4	3		N	400	CF	141x	6m3	2-3			
NGC	4481	S	12 29 48.6	+64 01 58	Dra	0.70	15.0	25							
N	317	WK	170x	5m8	4-5										
NGC	4473	E4	12 29 48.7	+13 25 45	Com	4.5	11.2	193							
R	63	KV	34x	6m5	4		B	80	HZ	30x	5m8	4-5			
B	100	JM	25x	6m0	3-4		M	150	PI	38x	5m5	3			
N	200	GK	57x	5m6	2		S	200	PE	55x	5m5	1			
S	200	DK	145x	5m0	2		N	200	HZ			3			
N	200	DP	102x	5m5	3		S	250	FB	96x	4m9	3			
C	300	MW	112x	5m3	3		N	368	RV	80x	5m8	2			
NGC	4474	E6	12 29 53.3	+14 04 05	Com	2.3	12.5	193							
S	200	DK	145x	5m0	3		N	200	HZ			3			
C	300	MW	112x	5m3	3-4		N	368	RV	80x	5m8	3			
N	400	CF	141x	6m3	2-3										
NGC	4476	E4	12 29 59.0	+12 20 53	Vir	1.9	13.0	193							
S	200	DK	145x	5m0	3		N	200	HZ	100x	6m0	4			
N	200	DP	102x	5m5	4-5		N	200	GK	91x	5m6	3			
N	203	RH	120x	6m5	2-3		N	210	PA	91x	6m3	4			
N	300	HT	75x	6m4	4		C	300	MW	112x	5m1	3			
N	317	WK	170x	5m8	3										
M	49	E3/4	12 29.8	+08 00	Vir	8.9	8.4	193							
B	50	PE	10x	5m5	4	p	B	50	RS	10x		3			
B	50	KH	10x	5m7	3-4		B	50	KH	10x	5m7	3-4			
R	63	KV	34x	5m5	3		R	90	SG	56x	6m3	3			
N	110	CW	54x	5m0	2		N	114	DB	42x	4m5	3			
N	114	DK	56x	4m6	2-3		S	125	FB	74x	5m2	3			
M	150	PI	55x	5m7	1		N	200	DP	102x	5m5	3			
S	200	PE	50x	5m0	2		N	200	GK	57x	5m6	2			
S	203	DS	102x	5m5	2		N	250	SB	139x	5m6	2			
N	254	JM	42x	5m3	2		S	280	PP	117x	5m0	1	s		
N	320	PI	80x	6m0	2										
NGC	4477	SBa	12 30 02.0	+13 38 11	Com	4.0	11.4	193							
R	63	KV	34x	6m5	4		B	80	HZ	30x	5m8	4-5			
B	100	JM	25x	6m0	4-5		S	200	PE	55x	5m5	1			
S	200	DK	145x	5m0	2		N	200	HZ			3			
N	200	DP	102x	5m5	3		N	200	GK	57x	5m6	2			
N	203	RH	120x	6m5	2-3		S	250	FB	96x	4m9	3			
C	300	MW	112x	5m3	3		N	368	RV	80x	5m8	3			
NGC	4478	E1	12 30 17.3	+12 19 41	Vir	2.0	12.4	193							
S	200	DK	145x	5m0	2-3		N	200	HZ	100x	5m5	3-4			
N	200	DP	102x	6m0	4		N	200	GK	91x	5m6	3			
N	203	RH	120x	6m5	3		N	210	PA	91x	6m3	4			
S	250	FB	96x	4m9	3		N	300	HT	75x	6m4	3			
C	300	MW	112x	5m1	3		N	317	WK	170x	5m8	3			
NGC	4479	LB	12 30 18.3	+13 34 39	Com	1.8	13.5	193							
N	200	GK	57x	5m6	4		S	200	DK	145x	5m0	3-4			
N	200	HZ	100x		4-5		C	300	MW	112x	5m3	4			
N	368	RV	80x	5m8	3-4										
NGC	4485	IB M	12 30 31.3	+41 42 01	CVn	2.4	12.3	75							
R	120	RS	102x	5m5	3-4		S	125	FB	63x	5m6	4			
S	200	DK	148x	5m0	3		N	200	HZ	40x		3			
N	200	DP	102x	6m0	4		N	254	JM	181x	5m	4-5			
N	300	UN	100x	4m7	3	f	N	300	HT	75x	6m4	4			
N	317	TJ	177x	5m0	3		N	318	DS	123x	5m7	3			
N	320	PI	144x	6m7	3		N	400	CF	141x	6m3	1			
N	508	AS	265x	6m3	2	s									

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4486 B**	E0/C	12 30 32.0	+12 30 32	Vir	0.60	14.4	193

N	300	HT	75x	6m4	5			C	300	MW	112x	5m3	3-4		
N	317	WK	93x	5m5	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4490**	Sc	12 30 36.1	+41 38 32	CVn	5.9	10.2	75

B	50	PA	10x	5m4	4			R	63	KV	34x	5m5	3-4		
R	80	HZ	17x	6m3	3-4			B	80	HZ	30x	6m3	3		
R	90	TJ	50x	5m0	3			N	114	SB	20x	5m1	3		
N	114	DB	36x	5m5	3			N	114	DK	56x	4m8	3		
R	120	RS	102x	5m5	2			S	125	FB	63x	5m6	2-3		
N	140	RH	100x	6m4	1-2			N	200	HZ	40x		3		
N	200	DP	102x	6m0	3			S	200	DK	50x	5m0	2		
N	200	HR	81x	5m0	3		DSF	N	200	WK	75x	5m2	3		
N	203	TJ	46x	5m0	3			M	228	GI	78x	4m9	4		DSF
N	254	JM	42x	5m	3			N	300	HT	75x	6m4	3		
N	300	UN	100x	4m7	2	f		N	317	TJ	177x	5m0	3		
N	318	DS	123x	5m7	2-3			N	320	PI	144x	6m7	3		
N	400	CF	141x	6m3	1	s		N	508	AS	265x	6m3	2	s	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4483**	SBa	12 30 40.6	+09 00 54	Vir	1.8	12.5	193

N	200	DP	102x	6m0	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4489**	E1	12 30 52.2	+16 45 31	Com	1.70	12.9	193

N	210	PA	91x	6m3	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4486 A**	C M	12 30 57.7	+12 16 14	Vir	0.80	13.5	193

C	300	MW	112x	5m3	3-4			N	300	HT	75x	6m4	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4492**	Sa	12 30 59.7	+08 04 39	Vir	1.2	13.3	193

S	200	DK	145x	5m0	4			N	200	DP	102x	6m0	5		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**87**	E1 p	12 30.8	+12 24	Vir	7.2	8.6	193

B	50	RS	10x		3			B	50	KH	10x	5m7	5		
R	63	KV	34x	6m5	2-3			B	80	PI	20x	5m7	2		
N	114	DB	36x	5m0	3			N	114	DK	56x	4m8	2		
S	125	FB	74x	5m2	2			N	200	GK	91x	5m6	2		
N	200	DP	102x	6m0	3			S	200	JL		5m0	2		
S	200	PE	55x	5m5	1			N	203	RH	120x	6m5	1-2		
N	210	PA	91x	6m3	3			S	250	FB	96x	4m9	2		
N	250	SB	150x	6m2	2			N	254	JM	42x	5m3	3		
C	300	MW	112x	5m1	2			N	300	HT	75x	6m4	1		
N	317	WK	170x	5m8	2			N	320	PI	80x	5m7	1		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4493**	E	12 31 08.3	+00 36 49	Vir	1.30	15.7	238

N	300	HT	75x	6m2	7										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4494**	E1	12 31 24.1	+25 46 29	Com	4.8	10.7	148

R	60	PA	28x	5m4	4	f		R	63	KV	34x	5m0	3		
B	80	HZ	30x	6m2	3			R	90	GI	25x	5m4	6		
N	110	CW	54x	5m4	4			N	114	DK	56x	4m9	3		
N	130	JM	93x	4m3	4	f		N	130	JM	93x	4m3	4	f	
R	150	DS	80x	5m4	2-3			S	200	JL	100x	5m0	3		
S	200	MS	68x	5m0	3			S	200	PE	78x	5m5	2		
N	200	HR	82x	5m6	3			S	200	MC	133x	5m9	2-3		
N	200	HZ			3			S	250	FB	167x	5m1	2-3		
N	250	SB	100x	5m4	3			S	280	FD	140x	5m8	2-3		
N	318	DS	102x	5m4	2										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4497**	SBa	12 31 32.6	+11 37 28	Vir	2.3	13.4	193

S	200	DK	145x	5m0	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4498**	SBc	12 31 39.5	+16 51 08	Com	3.2	12.6	193

N	200	HZ			3-4			N	210	PA	91x	6m3	4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4510**	E	12 31 47.2	+64 14 00	Dra	1.50	14.0	25

N	317	WK	170x	5m8	3-4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4496 A**	SB(rs)	12 31.7	+03 57	Vir	3.9	11.4	238

N	300	HT	120x	6m2	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4496 B**	IB(s)	12 31.7	+03 56	Vir	1.0	13.5	238

N	300	HT	120x	6m2	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4513**	L	12 32 01.6	+66 19 57	Dra	1.40	14.0	25

N	317	WK	170x	5m8	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4503**	E2	12 32 06.1	+11 10 30	Vir	3.5	12.1	194

R	63	KV	34x	5m0	4			S	200	DK	145x	5m0	2-3		
N	200	HZ			3			N	210	PA	91x	6m3	4		
N	300	HT	94x	6m4	2										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**41591**		12 32 35.0	+45 46 00	CVn	0.3	14.9	75

N	317	WK	170x	6m2	3-4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4517**	Sc	12 32 45.6	+00 06 54	Vir	10	11.2	239

B	80	HZ	30x	6m0	4-5			N	200	KV	75x	5m0	4		
N	200	HZ	100x	5m8	4			N	200	DP	102x	6m9	4-5		
N	300	HT	94x	6m2	2			N	317	TJ	89x	6m0	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3481 A**	E1/P	12 32 56.7	+11 23 24	Vir	0.20	16.9	194

N	300	HT	150x	6m4	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**88**	Sb	12 32.0	+14 25	Com	6.9	9.5	194

B	50	RS	10x		5			B	50	KH	10x	5m7	5		
R	63	KV	34x	6m5	3-4			B	80	PI	20x	6m5	5		
N	114	DB	36x	5m0	3			M	150	PI	83x	5m5	2	s	
M	150	PI	55x	5m7	2			S	200	PE	55x	5m5	2		
S	200	DK	50x	5m0	2-3			N	200	GK	91x	5m6	1		
N	200	DP	102x	5m5	3			N	203	RH	120x	7m0	2		
S	250	FB	167x	5m3	3			N	250	SB	150x	6m2	2		
N	254	JM	42x	5m3	3			S	280	PP		5m0	1	s	
N	300	HT	75x	6m4	2			C	300	MW	112x	5m4	2		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**7690**	Irr	12 32.4	+42 42	CVn	2.3	12.6	75

N	200	KV	75x	6m5	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4517 A**	SB(s)	12 32.5	+00 24	Vir	4.2	12.2	239

N	300	HT	94x	6m2	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4516**	SBa-b	12 33 07.5	+14 34 27	Com	1.6	13.3	193

S	200	DK	148x	5m0	4-5			N	317	WK	93x	6m2	3		
N	400	CF	141x	6m3	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4519**	Sc	12 33 30.2	+08 39 16	Vir	3.1	12.3	194

S	200	DK	145x	5m0	3-4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3499**	Sa	12 33 48.7	+10 59 52	Vir	1.5	14.2	193

N	300	HT	94x	6m4	3			N	400	CF	240x	6m3	3-4		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4524**	S	12 33 54.4	-12 01 40	Crv	1.30	14.5	284

N	400	CF	141x	5m7	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4526**	E7	12 34 02.8	+07 41 54	Vir	7.2	10.6	194

R	63	KV	34x	5m5	3-4			B	80	HZ	30x	6m0	3		
R	90	SG	56x	6m3	3			N	110	CW	54x	5m0	3		
N	114	DK	56x	4m6	3-4			N	114	DB	141x	5m0	3		
N	150	TJ	54x	5m0	3			S	200	PE	50x	5m0	3		
N	200	HZ			3			N	200	DP	102x	5m5	3		
S	203	DS	102x	5m5	3			N	254	JM	42x	5m3	2-3		
N	320	PI	144x	6m0	3										

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4528	LB	12 34 06.0	+11 19 14	Vir	1.8	12.9	194

S	200	PE	110x	5m4	4		S	200	DK	145x	5m0	3	
N	200	DP	102x	5m5	4		N	300	HT	94x	6m4	4	
N	400	CF	141x	6m3	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4527	Sb-c	12 34 08.8	+02 39 10	Vir	6.3	11.3	239

B	80	HZ	30x	6m0	4		S	200	PE	78x	5m5	3	
N	200	HZ	40x		3		N	200	DP	102x	6m9	3	
N	300	HT	94x	6m2	4		N	317	TJ	89x	5m0	3-4	
N	400	CF	141x	6m3	2								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4531	Sa	12 34 15.8	+13 04 31	Vir	3.0	12.6	193

S	200	DK	145x	5m0	3		N	200	HZ			3	
N	300	HT	75x	6m4	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4532	IB	12 34 19.3	+06 28 00	Vir	2.9	12.3	194

N	200	DP	102x	6m4	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4535	SBc	12 34 20.2	+08 11 49	Vir	6.8	10.5	194

B	80	HZ	30x	6m0	3-4		B	100	JM	25x	6m0	3-4	
S	200	PE	50x	5m0	4		S	200	DK	67x	5m0	3	
N	200	HZ			3		N	200	DP	102x	5m5	4	
N	320	PI	144x	6m0	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4533	Sd	12 34 22.1	+02 19 29	Vir	2.3	14.5	194

N	200	DP	102x	6m9	6-7		N	300	HT	75x	6m2	7	
N	400	CF	250x	6m3	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4536	Sc	12 34 26.9	+02 11 12	Vir	7.4	11.1	239

B	80	HZ	30x	6m0	4		S	200	PE	78x	5m5	3	
N	200	KV	75x	5m0	2		N	200	HZ			3	
N	200	DP	102x	6m9	3		N	300	HT	94x	6m2	3	
N	317	TJ	89x	4m5	4		N	400	CF	141x	6m3	2	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4538	S	12 34 40.8	+03 19 23	Vir	0.6	14.6	238

N	400	CF	141x	6m3	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4540	I	12 34 50.9	+15 33 02	Com	1.9	12.5	194

N	200	JL	92x	6m6	4		N	200	HZ	100x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	41892	C	12 35 02.4	+66 22 36	Dra		16.5	25

N	317	WK	170x	5m8	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4541	SBb-c	12 35 10.7	-00 13 18	Vir	1.60	13.9	239

N	200	HZ	100x	6m0	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4546	E6	12 35 29.5	-03 47 37	Vir	3.5	11.3	239

S	200	PE	78x	5m5	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4550	E7	12 35 30.6	+12 13 13	Vir	3.5	12.5	194

S	200	DK	145x	5m0	2-3		N	200	HZ	120x		3	
N	210	PA	91x	6m3	4		N	300	HT	75x	6m4	3	
N	400	CF	141x	6m3	2								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4544	SBa	12 35 36.5	+03 02 06	Vir	2.2	14.0	148

N	400	CF	141x	6m3	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4551	E3	12 35 38.0	+12 15 48	Vir	2.0	13.0	194

S	200	DK	145x	5m0	2-3		N	200	HZ	120x		3-4	
N	210	PA	91x	6m3	4		N	300	HT	75x	6m4	3	
N	400	CF	141x	6m3	2								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4555	E3	12 35 41.0	+26 31 24	Com	1.7	13.4	149

N	200	HZ	100x		3-4		S	200	MC	133x	5m9	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4556	E4	12 35 45.6	+26 54 31	Com	1.2	14.2	149

N	200	DP	102x	6m4	5		S	200	MC	100x	5m9	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4559	Sc	12 35 57.8	+27 57 33	Com	11	10.3	108

B	50	PI	10x	6m0	4		R	60	PA	28x	5m4	4	
R	63	KV	34x	5m0	3		B	80	PI	20x	6m0	3	
B	80	HZ	30x	6m2	3-4		B	100	CF	20x	6m0	2	
N	114	DK	56x	4m9	3-4		N	114	DB	36x	5m5	4	
R	150	DS	80x	5m4	3		N	200	XY	45x	5m0	1-2	
N	200	HZ			3		S	200	PE	78x	5m5	3	
N	200	KV	75x	4m5	2-3		N	200	DP	102x	5m5	4	
S	200	JL	100x	5m0	2		N	203	RH	120x	7m0	2	
N	250	SB	74x	5m4	3		S	250	FB	96x	5m1	3	
N	254	JM	96x	5m0	4-5		N	300	UN	47x	4m7	3	f
N	317	TJ	62x	5m5	2		N	317	WK	93x	5m0	2-3	
N	318	DS	102x	6m1	2		N	320	PI	144x	6m0	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	91	SBb	12 35.4	+14 30	Com	5.4	10.2	194

B	50	RS	10x		7		R	63	KV	34x	6m5	3-4	
N	114	DB	36x	5m0	4		S	125	FB	74x	5m2	3	
M	150	PI	38x	5m5	3-4		N	200	DP	102x	5m5	3	
S	200	DK	50x	5m0	3		S	200	PE	55x	5m5	3	
N	200	GK	91x	5m6	2		N	203	RH	120x	7m0	2	
S	250	FB	167x	5m3	3		N	250	SB	150x	6m2	3	
N	254	JM	42x	5m3	4		N	300	HT	75x	6m4	2	
C	300	MW	112x	5m1	3		N	400	CF	141x	6m3	1	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	89	E0	12 35.7	+12 33	Vir	4.2	9.8	194

B	50	RS	10x		5		R	63	KV	34x	6m5	3-4	
B	80	PI	20x	5m7	3-4		N	110	CW	54x	5m3	3	
N	114	DB	36x	5m0	3		N	114	DK	56x	4m8	3	
S	125	FB	74x	5m2	3		M	150	PI	83x	5m7	3	
N	200	GK	57x	5m6	2		S	200	PE	55x	5m5	2	
S	200	DK	145x	5m0	2		S	203	DS	102x	5m5	3	
N	203	RH	120x	7m0	2		N	210	PA	91x	6m3	3	
S	250	FB	96x	5m3	2-3		N	250	SB	139x	5m6	2	
N	254	JM	42x	5m3	3		N	300	HT	75x	6m4	2	
N	320	PI	80x	5m7	1		N	400	CF	141x	6m3	1	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4565	Sb	12 36 20.5	+25 59 14	Com	16	10.3	149

B	50	CF	10x	6m3	3-4		R	60	PA	28x	5m4	4	
R	63	KV	34x	5m0	3		B	80	HZ	30x	6m2	3	
R	90	TJ	50x	5m0	2-3		N	110	CW	54x	5m2	3	
N	114	DK	56x	4m9	3		N	114	DB	36x	5m5	4	
R	150	DS	80x	5m4	2-3		S	200	MC	50x	5m9	3	
N	200	HR	82x	5m5	2		N	200	XY	45x	5m0	1-2	
S	200	JL	100x	5m0	2		S	200	MS	113x	5m0	3	
S	200	PE	78x	5m5	2		N	200	HZ	60x		3	
N	203	RH	120x	7m0	1-2		S	250	FB	96x	5m1	2-3	
N	250	SB	100x	6m2	2		N	254	JM	42x	5m0	3	
S	280	PP	233x	5m5	1	s	C	300	MW	112x	5m1	2	
N	317	WK	170x	5m8	2	s	N	318	DS	102x	6m1	1-2	
N	508	AS	140x	6m0	1	s							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4564	E6	12 36 26.9	+11 26 21	Vir	3.1	12.0	194

B	50	PI	10x	6m0	4		B	80	PI	20x	6m0	2	
B	80	HZ	30x	6m0	5		N	150	GK	53x	5m5	2	
S	200	PE	78x	5m4	3		S	200	DK	145x	5m0	2-3	
N	200	TJ	45x	4m5	3		N	200	KV	120x	5m0	2-3	
N	200	HZ			3		N	200	DP	102x	6m0	4	
N	210	PA	91x	6m3	4		N	300	HT	94x	6m4	2	
N	320	PI	144x	6m0	1		N	400	CF	141x	6m3	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4567	Sc	12 36 32.7	+11 15 26	Vir	3.0	12.1	194

R	63	KV	34x	5m0	4		B	80	HZ	30x	6m0	4-5	
N	150	GK	53x	5m5	2		S	200	PE	78x	5m4	3	
S	200	DK	145x	5m0	2-3		N	200	KV	120x	5m0	3	
N	200	HZ			3		N	200	DP	102x	6m0	4	
N	210	PA	91x	6m3	4		S	250	FB	167x	4m9	4	
N	300	HT	94x	6m4	3		N	320	PI	240x	6m3	2	
N	400	CF	141x	6m3	2								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4568	Sc	12 36 34.2	+11 14 17	Vir	4.6	11.7	194

R	63	KV	34x	5m0	4			B	80	HZ	30x	6m0	4-5		
B	100	JM	25x	6m0	3			N	150	GK	53x	5m5	2		
S	200	PE	78x	5m4	4			S	200	DK	145x	5m0	2-3		
N	200	KV	120x	5m0	3			N	200	HZ			3		
N	210	PA	91x	6m3	4			S	250	FB	167x	4m9	4		
N	300	HT	94x	6m4	3			N	320	PI	240x	6m3	2		
N	400	CF	141x	6m3	2										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	3583	IB M	12 36 43.8	+13 15 31	Vir		13.9	194

N	300	HT	75x	6m4	7										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4569	Sb-c	12 36 50.0	+13 09 48	Vir	9.90	10.2	194

N	150	GK	53x	5m5	2										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4571	Sc	12 36 56.4	+14 13 01	Com	3.8	11.9	194

S	200	PE	50x	5m5	4			N	200	JL	92x	6m6	4-5		
N	200	HZ			3			N	317	WK	170x	6m2	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	90	Sb	12 36.8	+13 10	Vir	9.5	9.5	194

B	50	RS	10x		5-6			R	63	KV	34x	6m5	3-4		
N	110	CW	54x	5m3	3			N	114	DK	56x	4m8	3		
N	114	DB	36x	5m0	4			S	125	FB	74x	5m2	3		
M	150	PI	55x	5m7	2			S	200	PE	55x	5m5	2		
N	200	GK	57x	5m6	2			N	203	RH	120x	7m0	2		
N	210	PA	91x	6m3	2			N	250	SB	150x	6m2	2		
N	254	JM	139x	5m3	3			N	300	HT	75x	6m4	1		
N	320	PI	80x	5m7	1			N	400	CF	141x	6m3	1		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4589	Sa	12 37 24.6	+74 11 29	Dra	3.0	11.7	9

N	200	DP	102x	6m0	3-4			S	200	PE	78x	5m7	3		
S	254	DS	125x	5m4	3			N	254	JM	181x	5m3	3-4		
N	318	DS	102x	5m2	2-3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4578	Sa	12 37 30.6	+09 33 18	Vir	3.6	12.2	194

N	210	PA	91x	6m3	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4576	SBb-c	12 37 33.5	+04 22 01	Vir	1.4	14.3	239

N	200	JL	92x	6m5	7										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4580	Sb-c	12 37 48.3	+05 22 03	Vir	2.4	12.3	194

N	200	DP	102x	6m4	4-5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	58	S(B)b	12 37.7	+11 49	Vir	5.4	9.8	194

B	50	RS	10x		4-5			R	63	KV	34x	5m5	3		
B	80	PI	20x	6m5	3			N	110	CW	54x	5m3	3		
N	114	DB	28x	4m5	4			N	114	DK	56x	4m8	3		
N	150	GK	53x	5m5	2			N	200	TJ	45x	5m0	3		
N	200	DP	102x	6m0	3			N	200	KV	75x	6m0	2		
N	200	GK	91x	5m6	2	2		S	203	DS	102x	5m5	2-3		
N	210	PA	91x	6m3	3			S	250	FB	96x	4m9	2		
S	250	FB	96x	5m4	3			N	250	SB	150x	6m2	2		
N	254	JM	96x	5m3	2-3			N	300	HT	75x	6m4	2		
N	320	PI	80x	5m7	1			N	400	CF	141x	6m3	1		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4584	SBa	12 38 17.8	+13 06 36	Vir	1.40	15.5	194

N	300	HT	75x	6m4	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4586	Sb-c	12 38 28.3	+04 19 05	Vir	4.4	12.6	239

N	200	JL	92x	6m5	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4587	L	12 38 35.3	+02 39 26	Vir	1.2	14.3	239

N	400	CF	141x	6m3	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4592	Sb	12 39 18.6	-00 31 55	Vir	4.6	12.2	239

N	200	JL	92x	6m5	4			N	200	DP	102x	6m0	5		
N	200	HZ	100x	5m8	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4593	SBa-b	12 39 39.3	-05 20 40	Vir	4.0	11.9	239

N	200	HZ	80x	5m8	4-5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4595	Sc	12 39 51.7	+15 17 50	Com	1.8	13.0	194

N	200	JL	92x	6m6	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4596	SBa	12 39 56.0	+10 10 33	Vir	3.9	11.4	194

B	100	JM	25x	6m0	3-4			B	100	JM	25x	6m0	3-4		
N	200	DP	102x	6m0	4			S	200	PE	110x	5m0	4		
N	210	PA	91x	6m3	3			N	300	HT	94x	6m4	2		
N	400	CF	240x	6m3	2-3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4605	SBc/P	12 39 59.3	+61 36 28	UMa	5.5	10.8	26

B	80	HZ	30x	6m5	3			N	150	GK	54x	6m0	3		
N	200	KV	120x	5m0	2-3			N	200	HZ	80x		3		
N	200	DP	102x	6m0	3			S	200	PE	78x	5m3	3		
S	250	FB	96x	5m3	2-3			N	317	WK	93x	6m2	2	s	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4597	SBc	12 40 12.7	-05 48 04	Vir	3.80	12.7	284

N	200	HZ	80x	5m8	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4600	L	12 40 22.9	+03 07 02	Vir	1.3	13.6	239

N	400	CF	141x	6m3	2										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4602	Sc	12 40 36.8	-05 07 59	Vir	3.00	12.6	239

N	200	HZ	80x	5m7	4-5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4606	SBa	12 40 57.5	+11 54 41	Vir	2.8	12.6	194

S	200	DK	145x	5m0	3-4			N	200	JL	92x	6m6	4		
N	200	HZ			3			N	400	CF	141x	6m3	2-3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	104	Sa/b	12 40.0	-11 37	Vir	8.9	8.3	284

B	50	CF	10x	5m4	2-3			B	50	PE	10x	5m5	4		
B	50	RS	10x		5			R	63	KV	34x	5m5	2-3		
R	75	AT	75x	6m3	3			R	80	BF	30x	6m4	1		
B	80	PI	20x	6m5	1			B	100	JM	25x	5m8	3-4		
N	110	CW	54x	5m2	2-3			N	114	DK	56x	4m3	3		
N	114	RS	90x	5m5	2-3	s		S	125	FB	74x	5m2	2		
R	130	BF	150x	6m4	1	s		M	150	PI	38x	5m5	1		
N	200	KV	170x	5m0	2	s		N	200	XY	45x	5m0	1-2		
S	200	DK	148x	4m7	2	s		S	200	HL	206x		2	s	
S	200	HM	95x	4m5	1			N	200	DP	75x	5m0	3		
S	203	DS	102x	5m0	2	s		M	228	GI	78x	4m4	1		
N	250	SB	150x	6m2	2			S	280	PP	156x	5m0	1	s	
C	300	MW	190x	5m3	2-3			N	317	WK	75x	6m2	4	s	
N	318	DS	102x	4m5	1-2	s									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4607	SBb	12 41 12.2	+11 53 06	Vir	3.2	13.8	194

S	200	DK	145x	5m0	4-5			N	200	JL	92x	6m6	5		
N	200	HZ			4-5			N	400	CF	141x	6m3	3		

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4608	SBa	12 41 13.2	+10 09 18	Vir	3.2	12.0	194

B	100	JM	25x	6m0	4-5			N	200	DP	102x	6m0	4		
N	210	PA	91x	6m3	3			N	300	HT	94x	6m4	2		
N	400	CF	141x	6m3	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4612	E/P	12 41 32.8	+07 18 51	Vir	2.2	12.5	194

S	200	PE	78x	5m7	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4618	Sc	12 41 33.0	+41 09 02	CVn	4.4	11.2	75

B	80	HZ	30x	6m5	4-5			N	140	RH	100x	6m4	4		
S	200	DK	148x	5m0	3			N	200	HZ	80x		3		
N	200	DP	102x	6m0	3-4			S	200	PE	78x	5m7	3		
N	200	HR	81x	5m0	4			S	250	FB	96x	5m1	3		
N	254	JM	98x	5m	4	f		N	254	JM	98x	5m	4	f	
S	280	PP	117x	5m5	1	s		N	300	HT	75x	6m4	3		
N	317	WK	170x	5m8	3			N	318	DS	123x	5m6	3		
N	368	RV	230x	5m3	3										

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4619**	SBb/P	12 41 44.4	+35 03 44	CVn	1.30	13.5	108

N	317	WK	170x	5m4	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4625**	SBm/P	12 41 52.5	+41 16 23	CVn	2.4	12.9	75

S	200	DK	148x	5m0	4			N	200	HZ	80x		3-4	
N	200	DP	102x	6m0	4			N	300	HT	75x	6m4	4	
N	317	WK	170x	5m8	3-4			N	318	DS	123x	5m6	3-4	
N	368	RV	230x	5m3	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4627**	E4/P	12 41 59.6	+32 34 24	CVn	2.7	13.0	108

S	200	JL	100x	5m0	6			N	200	HZ	80x		4	
N	210	PA	137x	6m3	4			S	250	FB	96x	5m1	5	
N	250	SB	100x	6m2	3			N	300	UN	47x	4m7	6	
N	300	UN	100x	5m5	4	f		N	300	HT	75x	6m4	4	
N	317	WK	214x	5m8	4			N	317	TJ	177x	5m0	3	
N	320	PI	144x	6m2	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4631**	Sc	12 42 07.6	+32 32 28	CVn	15	9.7	108

R	60	PA	28x	5m4	3			R	63	KV	34x	5m0	3	
B	80	HZ	30x	6m2	2-3			R	90	TJ	50x	5m0	3	
N	114	DK	56x	4m7	3-4			N	114	DB	36x	5m5	3	
S	125	FB	74x	6m6	2			N	200	KV	48x	5m0	2-3	
N	200	HZ	40x		3			N	200	DP	102x	5m5	3	
S	200	PE	78x	5m5	1			S	200	JL	100x	5m0	3	
N	200	GK	91x	5m6	2			N	210	PA	137x	6m3	2	
M	228	GI	124x	5m	3			S	250	FB	96x	5m1	2-3	
N	250	SB	100x	6m2	2			N	254	JM	98x	5m	3-4	
S	280	PP	117x	5m5	1	s		N	300	UN	100x	5m5	3	f
N	300	UN	47x	4m7	3	f		N	300	HT	75x	6m4	2	
N	317	WK	93x	5m8	2			N	320	PI	144x	6m2	1	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4630**	I/P	12 42 31.1	+03 57 29	Vir	1.6	13.1	239

N	200	DP	102x	6m0	5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4632**	Sc	12 42 32.3	-00 04 52	Vir	3.2	12.5	239

N	200	JL	92x	6m5	3-4			N	200	HZ	100x	5m8	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4638**	E5	12 42 47.3	+11 26 31	Vir	2.8	12.1	194

S	200	DK	145x	5m0	2-3			N	200	JL	92x	6m6	3	
N	200	HZ			3			N	200	DP	102x	6m0	4	
N	200	GK	119x	5m6	2			S	203	DS	102x	5m2	3	
N	210	PA	91x	6m3	4			S	250	FB	96x	4m9	3-4	
N	250	SB	139x	5m6	3			N	320	PI	80x	5m7	3	
N	400	CF	141x	6m3	2									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4636**	E1	12 42 49.7	+02 41 12	Vir	6.2	10.4	239

B	80	HZ	30x	5m8	3			N	114	DB	28x	4m5	5	
S	200	PE	50x	5m5	3			N	200	HZ	40x		3	
N	200	DP	102x	6m9	3			N	317	TJ	89x	5m0	3	
N	400	CF	141x	6m3	1-2									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4624**	E1	12 42 49.7	+02 41 12	Vir	5.90	10.4	239

N	200	GK	119x	5m6	4									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4646**	L	12 42 52.1	+54 51 22	UMa	0.6	14.4	48

N	317	WK	170x	6m2	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4639**	SBb	12 42 52.3	+13 15 24	Vir	2.9	12.2	194

N	200	JL	92x	6m6	3			N	200	HZ			3	
S	200	PE	78x	5m5	3-4			N	210	PA	91x	6m3	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**59**	E3/4	12 42.0	+11 39	Vir	5.1	9.8	194

B	50	RS	10x		4			R	63	KV	34x	5m5	3-4	
B	80	PI	20x	6m5	4			B	80	FB	20x	5m7	3	
R	90	SG	56x	6m3	3			N	110	CW	54x	5m3	3	
N	114	DK	56x	4m8	3			N	114	DB	28x	4m5	4	
N	150	GK	53x	5m5	2			N	200	GK	119x	5m6	2	
N	200	DP	102x	6m0	3			N	200	TJ	45x	5m0	3	
S	203	DS	102x	5m2	2-3			N	210	PA	91x	6m3	3	
S	250	FB	96x	4m9	2			S	250	FB	96x	5m4	3	
N	250	SB	139x	5m6	2			N	254	JM	96x	5m3	2-3	
N	320	PI	80x	5m7	2									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4642**	Sb	12 43 17.6	-00 38 44	Vir	1.90	13.8	239

N	200	HZ	100x	5m8	4-5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4652**	S	12 43 19.7	+58 57 53	UMa	1.00	15.6	48

N	508	AS	140x	6m0	3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4643**	SBa	12 43 20.1	+01 58 39	Vir	3.4	11.7	239

N	200	HZ	100x	5m9	3			S	200	PE	78x	5m7	3	
N	317	TJ	89x	5m0	2-3									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4647**	Sc	12 43 32.5	+11 34 56	Vir	3.0	12.1	194

N	150	GK	53x	5m5	2			S	200	DK	145x	5m0	3	
N	200	JL	92x	6m6	3-4			N	200	HZ			3	
N	200	DP	102x	6m0	4			N	200	GK	119x	5m6	3	
S	203	DS	102x	5m2	4			N	210	PA	91x	6m3	4	
S	250	FB	167x	4m9	4			N	250	SB	139x	5m6	3	
N	400	CF	141x	6m3	1-2									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4655**	S	12 43 36.4	+41 01 07	CVn	1.00	14.6	75

N	317	WK	170x	5m2	4			N	318	DS	123x	5m6	6	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4651**	Sc/P	12 43 42.5	+16 23 35	Com	3.8	11.3	194

B	80	HZ	30x	5m8	4-5			B	80	HZ	30x	6m0	4	
N	200	JL	92x	6m6	3			N	200	HZ	40x		3	
S	200	PE	78x	5m7	3			S	250	FB	96x	4m9	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4653**	Sc	12 43 51.0	-00 33 42	Vir	2.6	12.8	239

N	200	HZ	100x	5m8	4-5									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4654**	Sc	12 43 56.5	+13 07 33	Vir	4.7	11.1	194

B	80	HZ	30x	6m0	4-5			N	200	JL	92x	6m6	3	
N	200	HZ			3			N	200	GK	91x	5m6	4	
S	200	PE	78x	5m5	3			N	210	PA	91x	6m3	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4656**	Sc	12 43 58.1	+32 10 09	CVn	14	10.7	108

R	60	PA	28x	5m4	4			R	63	KV	34x	5m0	4	
B	80	HZ	30x	6m2	4-5			N	114	DK	56x	4m7	5	
S	125	FB	63x	5m6	4			N	200	XY	45x	5m0	3	
N	200	GK	57x	5m6	3			N	200	HZ	40x		3	
N	200	KV	48x	5m0	3			S	200	JL	100x	5m0	3	
S	200	PE	78x	5m5	3			N	200	DP	102x	5m5	4	
N	210	PA	137x	6m3	4			M	228	GI	124x	5m	5	
N	250	SB	139x	6m3	2			S	280	FD	140x	5m8	2	s
S	280	PP	117x	5m5	1	s		N	300	HT	75x	6m4	2	
N	300	UN	100x	5m5	3	f		N	317	WK	93x	5m8	3	
N	320	PI	144x	6m7	3			N	400	CF	141x	6m1	1	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**60**	E1/2	12 43.7	+11 33	Vir	7.2	8.8	194

B	50	RS	10x		3-4			B	50	KH	10x	5m7	4-5	
B	60	PI	20x	6m5	2			R	63	KV	34x	5m5	3	
R	90	SG	56x	6m3	3			N	110	CW	54x	5m3	3	
N	114	DK	56x	4m8	2			N	114	DB	42x	4m5	3	
S	125	FB	74x	5m2	3			N	150	GK	53x	5m5	2	
N	200	GK	119x	5m6	2			N	200	DP	102x	6m0	3	
S	203	DS	102x	5m2	2			N	210	PA	91x	6m3	3	
N	250	SB	139x	5m6	2			S	250	FB	167x	4m9	2	
N	254	JM	96x	5m3	2-3			N	320	PI	80x	5m7	2	
N	400	CF	141x	6m3	1									

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**7905**		12 43.8	+54 54	UMa	1.9	14.1	48

N	317	WK	312x	6m2	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3713**	L	12 44 03.1	+41 10 08	CVn	1.80	14.7	75

N	317	WK	170x	5m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4657**	I/P	12 44 06.9	+32 12 31	CVn	1.2	13.0	108

N	210	PA	137x	6m3	4		M	228	GI	124x	5m	5
N	250	SB	139x	6m3	3		N	300	HT	75x	6m4	2
N	317	WK	93x	5m8	3		N	400	CF	141x	6m3	1-2
N	400	CF	141x	6m1	1	s						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4659**	Sa	12 44 29.5	+13 29 54	Com	1.80	13.1	194

S	200	PE	110x	5m5	4		N	254	JM	139x	5m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4660**	E5	12 44 31.8	+11 11 24	Vir	2.8	12.2	194

S	200	DK	145x	5m0	2-3		N	200	JL	92x	6m6	3
N	200	HZ			3		S	200	PE	78x	5m7	3
N	210	PA	137x	6m3	4							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4658**	Sc	12 44 37.7	-10 05 06	Vir	2.10	13.0	284

N	200	HZ	100x	5m7	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4669**	S	12 44 46.7	+54 52 32	UMa	1.5	14.5	48

N	317	WK	170x	6m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4665**	SBa	12 45 06.1	+03 03 17	Vir	4.2	11.2	239

B	80	HZ	30x	5m8	4		N	200	DP	102x	6m9	4-5
N	200	HZ	100x	5m8	3		N	317	TJ	89x	5m0	3
N	400	CF	141x	6m3	2							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4666**	Sc	12 45 08.2	-00 27 48	Vir	4.5	11.5	239

N	200	JL	92x	6m5	2-3		N	200	DP	102x	6m0	3
N	200	HZ	100x	5m8	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4670**	E/P	12 45 16.9	+27 07 31	Com	1.8	13.1	149

N	200	HZ	100x	6m2	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4675**	SBb	12 45 31.7	+54 44 12	UMa	1.3	15.1	48

N	317	WK	170x	6m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4668**	S/P	12 45 31.8	-00 32 12	Vir	1.4	13.6	239

N	200	JL	92x	6m5	5		S	200	PE	78x	5m7	4
N	200	HZ	100x	5m8	5							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4673**	E1	12 45 34.7	+27 03 38	Com	1.00	14.1	149

N	200	HZ	100x	6m2	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3758**	E	12 45 59.6	+40 46 29	CVn	1.00	14.8	75

N	317	WK	170x	5m2	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4686**	Sa	12 46 39.7	+54 32 02	UMa	2.00	13.7	48

N	317	WK	170x	6m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4680**	S	12 46 54.7	-11 38 13	Vir	1.50	13.4	284

N	400	CF	141x	5m7	2-3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4676 B**	SB	12 46.1	+30 44	Com	1.7	13.2	108

N	317	WK	214x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4676A**	SO	12 46.1	+30 44	Com	2.0	13.0	108

N	317	WK	214x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4684**	Sa	12 47 17.6	-02 43 39	Vir	2.9	12.4	239

N	200	JL	92x	6m5	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4687**	E1	12 47 23.8	+35 21 05	CVn	0.70	14.2	108

N	317	WK	170x	5m4	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4695**	SB	12 47 32.0	+54 22 26	UMa		14.3	48

N	317	WK	170x	6m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4689**	Sb-c	12 47 45.7	+13 45 42	Com	4.0	11.5	194

B	80	HZ	30x	6m0	5		N	200	JL	92x	6m6	3-4
N	200	HZ	80x		3		S	200	PE	78x	5m5	3
N	210	PA	91x	6m3	4		S	250	FB	96x	4m9	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4692**	E2	12 47 55.2	+27 13 18	Com	1.10	13.7	149

N	200	HZ	100x	6m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4690**	L	12 47 55.5	-01 39 24	Vir	1.20	13.9	239

N	200	HZ	100x	5m8	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4691**	SB0-a/	12 48 13.4	-03 19 59	Vir	3.2	11.7	239

N	200	JL	92x	6m5	4		N	200	HZ	100x	5m8	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4694**	E5	12 48 14.9	+10 59 00	Vir	3.6	12.1	194

S	200	DK	145x	5m0	3		N	200	JL	92x	6m6	3-4
N	200	HZ			3		N	210	PA	91x	6m3	4
N	254	JM	96x	5m3	4-5		N	318	DS	102x	5m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4698**	Sa-b	12 48 23.0	+08 29 16	Vir	4.3	11.5	194

N	200	DP	102x	6m9	3		S	200	PE	78x	5m7	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4697**	E4	12 48 35.8	-05 48 02	Vir	6.0	10.1	239

R	63	KV	34x	5m0	3		B	80	HZ	30x	5m8	3
R	90	SG	56x	6m3	3		B	100	JM	25x	5m8	3-4
N	114	DK	56x	4m9	2		S	200	PE	50x	5m5	2
S	203	DS	102x	5m2	3		S	250	FB	96x	5m1	2-3
C	300	MW	190x	5m0	2-3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4711**	S	12 48 45.7	+35 19 56	CVn	1.4	14.3	108

N	317	WK	170x	5m4	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4704**	SBb-c/	12 48 46.4	+41 55 14	CVn	1.2	14.5	75

N	200	DP	192x	6m0	7		N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4699**	Sb	12 49 02.2	-08 39 52	Vir	3.5	10.4	284

B	80	HZ	30x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4700**	SB	12 49 07.8	-11 24 44	Vir	3.00	12.8	284

N	200	HZ	100x	5m8	4		N	400	CF	141x	5m7	2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4701**	Sc	12 49 11.4	+03 23 18	Vir	3.0	12.8	239

N	200	JL	92x	6m5	4		N	200	HZ	100x	6m0	4-5
N	400	CF	141x	6m3	2-3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4712**	Sc	12 49 34.1	+25 28 09	Com	2.6	13.3	149

N	200	HZ	100x		4-5		S	280	FD	140x	5m8	4
N	317	WK	170x	5m8	4		N	317	TJ	66x	5m0	4
N	400	CF	141x	6m0	3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4710**	L	12 49 38.7	+15 09 51	Com	5.1	11.9	194

B	80	HZ	30x	6m0	4-5		N	114	DB	36x	5m5	3-4
N	200	JL	92x	6m6	3		N	200	HZ	100x		3
S	200	PE	78x	5m5	3		N	203	RH	120x	7m0	2
S	250	FB	96x	4m9	3-4		N	254	JM	139x	5m0	3
N	368	RV	160x	4m9	3-4							

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4708	Sa-b/P	12 49 41.6	-11 05 39	Vir	1.20	14.6	284

N	400	CF	141x	5m7	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4713	Sc	12 49 57.6	+05 18 38	Vir	2.8	12.1	194

N	200	DP	102x	6m9	4		N	200	HZ	100x	5m8	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4715	L	12 49 57.8	+27 49 20	Com	1.80	15.4	149

N	200	HZ	100x	6m2	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4750	Sa/P	12 50 06.5	+72 52 26	Dra	2.3	12.1	9

N	200	DP	102x	6m0	4		N	200	GK	91x	5m6	2	
S	254	DS	125x	5m4	3		N	318	DS	102x	5m2	2-3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4719	SBb	12 50 08.6	+33 09 31	CVn	1.40	14.0	108

N	317	WK	170x	5m4	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4725	SBb	12 50 26.5	+25 29 58	Com	11	10.1	149

R	60	PA	28x	5m4	4		B	63	MS	9x	5m0	2	
R	63	KV	34x	5m0	3		B	80	HZ	30x	6m2	3	
N	114	DK	56x	4m9	3		S	125	FB	63x	5m6	3	
N	150	MS	55x	5m0	1		N	200	KV	75x	4m0	2-3	
N	200	XY	45x	5m0	1-2		S	200	PE	78x	5m5	2	
N	203	RH	120x	7m0	2		N	250	SB	100x	6m2	2	
S	250	FB	96x	4m9	2-3		N	254	JM	42x	5m0	3	
S	280	FD	140x	5m8	1-2	s	N	317	TJ	66x	5m0	3	
N	317	WK	93x	5m8	2-3		N	320	PI	144x	5m8	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	94	Sb p	12 50.9	+41 07	CVn	11	8.2	108

B	24	PI	8x	6m5	5		B	30	KH	8x	5m7	3	
B	50	PI	10x	6m5	3		B	50	PA	10x	5m4	3	p
B	60	DK	20x	5m0	2		R	63	KV	34x	5m0	2-3	
B	70	CF	16x	5m5	1-2		B	70	GW	10x	6m5	2	f
B	80	PI	20x	6m5	2		B	80	KH	15x	5m3	3	
R	90	TJ	40x	4m5	2		M	100	MC	67x	5m8	1	
N	114	DK	56x	5m0	1		N	114	SB	63x	5m0	2	
N	114	DB	36x	5m0	3		S	125	FB	74x	5m2	2	
N	140	RH	100x	6m4	1-2		M	150	PI	50x	5m	1	s
N	200	DP	192x	6m0	2		N	200	WK	75x	5m2	2-3	
M	228	GI	148x	5m2	2		N	254	JM	98x	5m	2	
N	300	UN	100x	4m7	2	f	N	300	HT	120x	6m4	1	f s
N	318	DS	123x	5m5	1-2		N	320	PI	144x	6m5	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4731	SBc/P	12 51 01.0	-06 23 35	Vir	6.5	11.9	284

N	200	HZ	80x	5m8	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4733	E	12 51 06.7	+10 54 41	Vir	2.0	12.7	194

N	150	GK	53x	5m5	2		S	200	DK	145x	5m0	3-4	
N	210	PA	91x	6m3	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4739	E1	12 51 37.1	-08 24 37	Vir	1.40	13.4	284

N	200	HZ	80x	5m8	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4747	S/P	12 51 45.4	+25 46 24	Com	3.6	12.9	149

N	200	HZ	60x		4-5		N	317	WK	170x	5m8	4	
N	400	CF	141x	6m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4742	E3	12 51 48.0	-10 27 19	Vir	2.3	12.1	284

N	200	HZ			3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4746	Sb	12 51 55.2	+12 04 57	Vir	2.0	12.7	194

S	200	DK	145x	5m0	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4754	LB M	12 52 17.6	+11 18 48	Vir	4.7	11.5	194

B	80	HZ	30x	5m8	4-5		N	114	DK	56x	4m8	4	
N	150	GK	53x	5m5	2		S	200	PE	78x	5m7	3	
N	200	JL	162x	6m6	3		N	200	KV	120x	6m0	2	
N	200	KV	200x	6m0	3		N	200	WK	135x	5m8	3	
S	200	DK	145x	5m0	2		S	200	JL		5m0	3	
N	200	HZ			3		S	203	DS	102x	5m2	3	
N	210	PA	91x	6m3	3		S	250	FB	96x	4m9	3	
N	254	JM	96x	5m3	3		N	318	DS	102x	5m0	2	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4753	I/P	12 52 22.1	-01 12 02	Vir	5.4	10.9	239

B	80	HZ	30x	5m8	3		B	100	JM	25x	5m8	4-5	
S	200	PE	50x	5m5	2		N	200	KV	200x	5m0	2-3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4762	LB M	12 52 55.9	+11 13 48	Vir	8.7	11.1	194

B	80	HZ	30x	5m8	4-5		R	90	SG	56x	6m3	4	
N	110	CW	54x	5m0	4		N	114	DK	56x	4m8	4	
N	150	GK	53x	5m5	2		N	200	KV	200x	6m0	2-3	
S	200	PE	78x	5m7	3		N	200	HZ			3	
N	200	KV	120x	6m0	2		N	200	WK	135x	5m8	3	
S	200	DK	145x	5m0	2		S	200	JL		5m0	3	
S	200	PE	78x	5m5	3		N	200	JL	162x	6m6	2-3	
S	203	DS	102x	5m2	2-3		N	210	PA	91x	6m3	3	
S	250	FB	96x	4m9	2-3		N	254	JM	96x	5m3	3	
N	318	DS	102x	5m0	2								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4759	L	12 53 04.5	-09 12 01	Vir	1.50	14.0	284

N	200	HZ	100x	5m8	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4760	E2	12 53 07.2	-10 29 43	Vir	1.8	11.5	284

N	200	HZ	80x		3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4771	Sb	12 53 20.9	+01 16 10	Vir	3.7	13.0	239

N	200	HZ	100x	5m8	4-5		N	400	CF	141x	6m3	2-3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4772	Sa	12 53 29.0	+02 10 05	Vir	2.7	11.6	239

S	200	PE	78x	5m7	3-4		N	200	HZ	100x	5m8	4	
N	400	CF	141x	6m3	2								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4775	Sc	12 53 45.8	-06 37 24	Vir	2.20	11.8	284

N	200	HZ	80x	5m8	4		N	318	DS	102x	5m0	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	43882		12 54 11.7	+27 37 33	Com			149

S	254	TE	214x	6m8	5	f							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4789	L	12 54 19.2	+27 04 02	Com	1.7	13.1	149

N	200	HZ	120x	6m2	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4781	Sc	12 54 23.6	-10 32 12	Vir	3.5	11.8	284

N	200	HZ	40x		3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4786	E2/P	12 54 32.3	-06 51 35	Vir	1.20	12.8	284

N	200	HZ	80x	5m8	4-5		N	318	DS	102x	5m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4800	Sb	12 54 37.8	+46 31 51	CVn	1.8	12.4	75

S	125	FB	63x	5m6	3		N	254	JM	98x	5m	3-4	f
N	254	JM	98x	5m	3-4	f	N	300	HT	75x	6m4	3	
N	317	WK	170x	5m8	2-3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4793	Sc	12 54 40.7	+28 56 15	Com	2.9	12.3	108

N	200	HZ	100x	6m2	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	4809	I/P	12 54 50.7	+02 39 09	Vir	1.6	14.2	239

N	400	CF	141x	6m3	4-5								

Kat | Nr. | Class | RA. | Dec | Con | Size | Mag | Uran

NGC 4810 I/P 12 54 51.2 +02 38 25 Vir 1.8 14.6 239

N 400 CF 141x 6m3 4-5

NGC 4798 L 12 54 55.3 +27 24 44 Com 1.00 14.2 149

N 250 SB 197x 6m1 3

NGC 4799 S 12 55 15.4 +02 53 46 Vir 1.5 14.3 239

N 400 CF 141x 6m3 3

PGC 44043 S? 12 55 25 +27 47 56 Com 0.9 15.1 149

N 250 SB 197x 6m1 5

PGC 44044 Sab 12 55 28 +27 39 21 Com 0.7 15.3 149

N 250 SB 197x 6m1 4

NGC 4807 LB/P 12 55 29.3 +27 31 14 Com 1.00 14.5 149

N 250 SB 197x 6m1 3

NGC 4808 Sc 12 55 48.9 +04 18 11 Vir 2.7 12.3 239

N 200 DP 102x 6m9 3-4 — N 200 HZ 100x 5m8 3-4

IC 3900 CB 12 55 51.5 +27 15 00 Com 1.00 14.8 149

N 250 SB 197x 6m1 3

UGC 8041 SB(s) 12 55.2 +00 07 Vir 3.7 12.0 239

S 280 PP 117x 5m0 2 s — N 317 TJ 89x 5m0 4

NGC 4816 L 12 56 12.3 +27 44 41 Com 1.30 13.9 149

N 250 SB 197x 6m1 3

NGC 4819 SBa 12 56 28.0 +26 59 11 Com 0.90 14.1 149

N 200 HZ 100x 6m2 4-5 — N 250 SB 197x 6m8 3

NGC 4821 E4 12 56 29.3 +26 57 23 Com 0.50 15.1 149

N 250 SB 197x 6m8 4

NGC 4828 C 12 56 42.8 +28 01 13 Com 0.50 15.6 108

N 250 SB 197x 6m1 4

NGC 4827 L 12 56 43.7 +27 10 41 Com 1.40 13.9 108

N 200 HZ 100x 6m2 4-5 — N 250 SB 197x 6m8 3

NGC 4818 SB 12 56 48.9 -08 31 32 Vir 4.5 12.1 284

N 200 HZ 80x 5m8 4-5

PGC 44196 SO-a 12 56 51 +26 53 58 Com 0.6 15.5 149

N 250 SB 197x 6m8 5

UGC 8058 S 12 56.2 +56 53 UMa 1.7 14.1 48

S 254 TE 286x 6m5 4 — N 317 WK 312x 6m0 3

Kat | Nr. | Class | RA. | Dec | Con | Size | Mag | Uran

M 64 Sa/b 12 56.7 +21 41 Com 9.3 8.5 149

B	30	KH	8x	5m6	4		B	50	CF	10x	6m3	2-3	
R	60	PA	28x	5m4	3		R	63	KV	34x	5m0	2	
B	80	KH	15x	5m3	2		B	80	PI	20x	5m8	1	s
R	90	GI	25x	5m4	3		R	90	SG	56x	4m9	5	
R	102	DS	50x	5m5	3		N	114	DB	36x	5m5	2	
N	114	DK	56x	4m7	2		R	120	RS	102x	5m5	1-2	s
S	125	FB	74x	5m2	2		M	150	GI	72x	5m3	3	
S	200	DK	145x	4m9	1	s	S	200	MS	160x	5m0	3	
N	200	KV	120x	5m0	1-2	s	S	200	HM	48x	5m1	2	
N	200	GK	170x	5m6	1	s	N	203	RH	120x	7m0	1	
S	250	FB	167x	5m1	2		N	250	SB	150x	6m2	2	s
N	254	JM	42x	5m3	3		S	280	PP	233x	5m5	1	s
N	300	UN	167x	4m7	2	s	N	300	UN	167x	4m7	2	f s
N	317	WK	170x	5m8	2	s							

NGC 4825 E2/P 12 57 12.2 -13 39 54 Vir 2.00 12.9 284

N 200 HZ 100x 5m8 4

NGC 4839 L 12 57 24.4 +27 29 49 Com 4.1 13.0 108

S 200 PE 78x 5m5 4 — N 200 KV 200x 6m6 4
N 200 HZ 100x 6m2 4 — N 250 SB 197x 6m8 3

NGC 4841 L/P 12 57 32.0 +28 28 33 Com 1.9 14.1 108

S 200 PE 78x 5m5 4 — N 200 KV 120x 6m5 3-4
N 200 XY 95x 5m0 5 — N 250 SB 197x 6m8 3

NGC 4840 E1 12 57 32.8 +27 36 36 Com 0.5 14.7 108

N 203 KV 200x 6m6 4-5 — N 250 SB 197x 6m8 4

NGC 4841 EO/P 12 57 34.0 +28 28 54 Com 1.3 14.0 108

N 250 SB 197x 6m8 3

NGC 4842 E0 12 57 36.0 +27 29 33 Com 0.40 14.2 149

N 250 SB 197x 6m8 3

UGC 8071 Sba 12 57.5 +28 11.3 Com 1.0 14.4 108

N 250 SB 197x 6m1 3

NGC 4845 Sb 12 58 00.9 +01 34 30 Vir 5.0 12.1 239

N 200 HZ 80x 3 — N 400 CF 240x 6m3 3 s

NGC 4848 Sa 12 58 05.7 +28 14 31 Com 1.6 14.4 108

N 200 KV 200x 6m6 4 — N 200 HZ 120x 6m5 5
N 250 SB 197x 6m1 3

PGC 44416 Sbc 12 58 09 +28 42 32 Com 1.1 15.5 108

N 250 SB 197x 6m8 5

NGC 4850 L 12 58 21.7 +27 58 04 Com 0.60 15.4 149

N 250 SB 197x 6m8 4

PGC 44467 E 12 58 30 +28 00 53 Com 0.8 15.2 108

N 250 SB 197x 6m8 4

NGC 4853 L 12 58 35.4 +27 35 43 Com 0.7 14.4 108

N 200 KV 200x 6m6 4-5 — N 200 HZ 200x 6m5 5
N 250 SB 197x 6m8 3

PGC 44487 SO-a 12 58 36 +27 06 18 Com 0.9 15.5 149

N 250 SB 197x 6m8 4

NGC 4854 LB 12 58 47.6 +27 40 25 Com 15.0 108

N 203 KV 200x 6m6 4-5 — N 250 SB 197x 6m8 3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3946**	L	12 58 49.1	+27 48 33	Com	0.6	15.2	108

N	203	KV	200x	6m6	4		N	250	SB	197x	6m8	3			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3949**	L	12 58 56.6	+27 49 57	Com	0.40	15.1	149

N	250	SB	197x	6m8	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**8080**	SO-a	12 58.0	+26 51.5	Com	1.2	14.4	149

N	250	SB	197x	6m8	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**44537**	SO-a	12 59 01	+28 13 42	Com	0.6	15.3	108

N	250	SB	197x	6m0	4	f									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4860**	E2	12 59 04.0	+28 07 22	Com	0.8	14.5	108

N	200	KV	200x	6m6	4		N	200	HZ	120x	6m5	5			
N	250	SB	197x	6m0	4		N	317	WK	170x	6m2	3-4			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**44541**	Sba	12 59 05	+27 38 41	Com	0.6	15.3	149

N	250	SB	197x	6m8	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3955**	L	12 59 06.1	+27 59 44	Com		15.4	108

N	250	SB	197x	6m0	5		N	317	WK	214x	6m2	5			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3959**	E	12 59 08.3	+27 46 59	Com	0.40	15.2	149

N	250	SB	197x	6m8	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4868**	Sb-c	12 59 09.0	+37 18 32	CVn	1.7	13.0	108

N	317	WK	170x	5m6	3-4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4864**	E2	12 59 13.2	+27 58 33	Com	0.5	14.5	108

N	200	KV	200x	6m6	4-5		N	250	SB	197x	6m0	3			
N	250	SB	74x	6m0	4		N	317	WK	170x	6m2	3-4			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4867**	E3	12 59 15.5	+27 58 12	Com	0.40	15.3	149

N	250	SB	197x	6m0	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4870**	S	12 59 17.8	+37 02 52	CVn	0.90	15.5	108

N	317	WK	170x	5m6	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4865**	E6	12 59 20.0	+28 05 01	Com	1.3	14.6	108

N	200	KV	200x	6m6	4		N	200	HZ	120x	6m5	4-5			
N	250	SB	197x	6m0	3		N	317	WK	170x	6m2	3-4			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4856**	LB	12 59 21.1	-15 02 34	Vir	4.6	11.5	284

N	200	HZ	120x		3		S	200	PE	78x	5m5	3			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3973**	L	12 59 23.4	+27 54 38	Com		15.4	108

N	250	SB	197x	6m0	5		N	317	WK	214x	6m2	4-5			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4869**	E3	12 59 23.5	+27 54 39	Com	1.1	14.7	109

N	200	KV	200x	6m6	4-5		N	250	SB	197x	6m0	3			
N	317	WK	170x	6m2	3-4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4866**	Sa-b	12 59 27.0	+14 10 15	Vir	6.5	12.0	194

S	200	PE	78x	5m7	3-4		N	203	RH	120x	7m0	1-2			
N	317	WK	93x	6m2	2	s									

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4871**	L	12 59 30.1	+27 57 21	Com	0.5	15.2	108

N	250	SB	197x	6m0	4		N	317	WK	170x	6m2	4-5			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4873**	L	12 59 32.9	+27 58 58	Com	0.8	15.1	108

N	200	KV	200x	6m6	4-5		N	250	SB	197x	6m0	4			
N	317	WK	170x	6m2	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4872**	LB	12 59 34.3	+27 56 46	Com	1.0	14.8	108

N	250	SB	197x	6m0	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4874**	E0	12 59 35.8	+27 57 32	Com	2.7	12.9	109

R	130	BF	89x	7m2	4		S	200	PE	78x	5m5	4			
N	200	KV	200x	6m6	4		N	200	HZ	120x	6m3	4			
N	210	PA	91x	6m3	4		N	250	SB	197x	6m0	2			
N	250	SB	74x	6m0	3		N	317	WK	170x	6m2	3			
N	317	TJ	66x	5m0	3		N	368	RV	230x	5m2	3			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3990**	S	12 59 39.3	+28 53 40	Com	1.00	15.1	108

N	250	SB	197x	6m8	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**3991**	S	12 59 39.8	+28 55 31	Com	1.00	15.5	108

N	250	SB	197x	6m8	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4876**	E5	12 59 44.6	+27 54 42	Com	0.60	15.4	149

N	250	SB	197x	6m0	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4883**	LB	12 59 56.2	+28 02 01	Com		15.4	108

N	250	SB	197x	6m0	4		N	317	WK	170x	6m2	4-5			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4881**	L	12 59 57.9	+28 14 45	Com	1.1	13.6	108

N	200	KV	200x	6m6	4		N	200	HZ	120x	6m5	5			
N	250	SB	197x	6m8	3		N	317	WK	170x	6m2	3-4			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4886**	E0	13 00 04.6	+27 59 09	Com	0.7	14.7	108

N	250	SB	197x	6m0	5		N	317	WK	170x	6m2	4			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4884**	E4	13 00 08.3	+27 58 33	Com	2.80	12.5	149

N	250	SB	197x	6m0	2										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4889**	E4	13 00 08.3	+27 58 33	Com	3.0	12.5	109

R	130	BF	89x	7m2	3-4		S	200	PE	78x	5m5	3			
N	200	KV	200x	6m6	3		N	200	XY	95x	5m0	4-5			
N	200	HZ	100x		3-4		S	203	DS	102x	5m1	4			
N	210	PA	91x	6m3	4		S	250	FB	96x	5m1	4			
N	250	SB	74x	6m0	3		N	300	UN	47x	4m7	7			
N	317	WK	170x	6m2	3		N	317	TJ	66x	5m0	3			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4880**	Sa	13 00 10.5	+12 28 58	Vir	3.3	12.5	194

S	200	DK	145x	5m0	4		N	200	WK	135x	5m8	4			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4898**	E/P	13 00 17.7	+27 57 16	Com		14.6	108

N	200	KV	200x	6m6	4		N	200	HZ	120x	6m5	5			
N	317	WK	170x	6m2	3-4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4895**	L/P	13 00 18.0	+28 12 04	Com	2.3	14.2	109

N	200	KV	200x	6m6	4		N	200	HZ	100x		5			
N	250	SB	197x	6m8	3		N	317	WK	170x	6m2	3-4			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**4032**	C	13 00 25.8	+28 52 02	Com	1.00	15.5	109

N	250	SB	197x	6m8	4										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4896**	L/P	13 00 30.9	+28 20 45	Com	1.00	14.9	109

N	250	SB	197x	6m8	3										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**4040**	S	13 00 38.1	+28 03 22	Com	1.10	15.3	109

N	250	SB	197x	6m8	5										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4900**	Sc	13 00 39.0	+02 30 02	Vir	2.3	12.0	239

N	200	HZ	100x	5m8	4		N	317	TJ	89x	6m0	3			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4906**	E	13 00 39.8	+27 55 24	Com		15.1	108

N	250	SB	197x	6m8	4		N	317	WK	214x	6m2	5			

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**4042**	LB	13 00 42.7	+27 58 16	Com	0.50	15.3	109
N 250 SB 197x 6m8 4				N 317 WK 312x 6m2 5				
NGC	**4914**	E2/P	13 00 42.9	+37 18 51	CVn	3.6	12.5	109
N 317 WK 170x 5m6 3				N 368 RV 230x 5m0 3				
IC	**4045**	E4	13 00 48.8	+28 05 23	Com	0.6	14.9	108
N 203 KV 200x 6m6 7				N 250 SB 197x 6m8 4				
N 317 WK 170x 6m2 3-4								
NGC	**4907**	SBb	13 00 48.8	+28 09 23	Com	1.5	14.4	109
N 200 KV 120x 6m5 4				N 200 HZ 120x 6m5 5				
N 250 SB 197x 6m8 3				N 317 WK 170x 6m2 3-4				
NGC	**4908**	E5	13 00 51.6	+28 02 32	Com	1.0	14.6	108
N 200 KV 200x 6m6 4-5				N 250 SB 197x 6m8 4				
N 317 WK 170x 6m2 4								
PGC	**44848**	E-SO	13 00 52	+28 22 00	Com	0.8	14.9	109
N 250 SB 197x 6m8 4								
NGC	**4897**	SBb-c	13 00 53.0	-13 27 00	Vir	2.70	12.9	284
N 200 HZ 100x 5m8 5								
IC	**4051**	E0	13 00 54.4	+28 00 23	Com	1.3	13.4	109
N 200 KV 75x 6m5 5				N 200 HZ 80x 5				
N 203 KV 200x 6m6 4-5				N 250 SB 197x 6m8 3				
N 317 WK 170x 6m2 4								
NGC	**4911**	SBb-c	13 00 56.3	+27 47 23	Com	1.3	13.6	109
N 200 KV 200x 6m6 3-4				N 200 HZ 80x 4-5				
N 210 PA 91x 6m3 4				N 250 SB 74x 6m0 3				
N 250 SB 197x 6m8 3								
NGC	**4899**	S/P	13 00 56.5	-13 56 45	Vir	2.30	12.9	284
N 200 HZ 100x 5m8 4-5								
NGC	**4902**	SBb	13 00 59.6	-14 30 52	Vir	3.0	11.7	284
N 200 HZ 3								
UGC	**8122**	SO-a	13 00.8	+27 24.3	Com	1.0	14.8	149
N 250 SB 197x 6m2 4								
NGC	**4919**	L	13 01 17.6	+27 48 29	Com	1.10	15.0	149
N 250 SB 197x 6m8 3								
NGC	**4921**	SBa-b	13 01 26.3	+27 53 06	Com	2.7	13.3	109
S 200 PE 78x 5m5 5				N 200 KV 200x 6m6 4				
N 200 HZ 100x 6m2 4-5				N 210 PA 91x 6m3 4				
N 250 SB 74x 6m0 3				N 250 SB 197x 6m8 3				
NGC	**4915**	E/L	13 01 28.1	-04 32 48	Vir	1.7	12.9	239
N 200 HZ 80x 5m8 4								
NGC	**4923**	L	13 01 31.8	+27 50 47	Com	1.3	14.7	109
N 200 KV 200x 6m6 4-5				N 200 HZ 120x 6m5 4-5				
N 250 SB 197x 6m8 3								
PGC	**44928**	E-SO	13 01 48	+28 05 50	Com	0.6	15.4	109
N 250 SB 197x 6m8 4								
NGC	**4926**	L	13 01 53.9	+27 37 26	Com	1.4	14.0	109
N 200 KV 200x 6m6 4				N 200 HZ 120x 6m5 4-5				
N 250 SB 197x 6m2 3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4927**	L	13 01 57.6	+28 00 20	Com		14.8	108
N 200 HZ 120x 6m5 5				N 250 SB 197x 6m8 4				
NGC	**4954**	L M	13 02 19.3	+75 24 15	Dra	0.80	14.2	9
N 317 WK 170x 6m0 4								
NGC	**4929**	E1	13 02 44.5	+28 02 41	Com	1.00	14.6	109
N 250 SB 197x 6m1 5								
UGC	**8146**	Sc	13 02.1	+58 41.9	Uma	3.5	13.8	48
N 609 SK 280x 6m2 4 s								
NGC	**4928**	S	13 03 00.5	-08 05 07	Vir	1.10	13.5	284
N 200 HZ 100x 5m8 4-5								
NGC	**4931**	L	13 03 01.1	+28 01 53	Com	1.60	14.4	109
N 250 SB 197x 6m1 3								
NGC	**4943**	S	13 03 45.0	+28 04 59	Com	0.50	15.6	109
N 250 SB 197x 6m2 5								
NGC	**4944**	Sa-b	13 03 50.0	+28 11 05	Com	1.50	13.8	108
N 200 HZ 120x 6m2 4-5				N 250 SB 197x 6m2 3				
UGC	**320**	SBd	13 03.3	-17 25.5	Vir	5.7	13.2	329
N 609 SK 280x 6m2 4-5 s								
NGC	**4941**	Sb/P	13 04 13.0	-05 33 07	Vir	3.7	12.0	285
N 200 HZ 80x 5m8 4-5								
NGC	**4939**	Sb-c	13 04 14.3	-10 20 26	Vir	5.10	11.9	284
N 200 HZ 100x 5m8 3-4								
NGC	**4951**	SBc	13 05 07.5	-06 29 41	Vir	3.30	12.7	285
N 200 HZ 80x 5m8 4-5								
NGC	**4957**	E3	13 05 12.5	+27 34 08	Com	1.20	14.0	109
N 200 HZ 120x 6m2 5								
PGC	**45277**	C M	13 05 25.7	+53 35 30	UMa	0.3	15.7	48
N 317 WK 170x 5m8 4-5								
NGC	**4945**	SBc	13 05 26.1	-49 27 48	Cen	19.80	9.3	402
S 125 FB 50x 6m3 3								
IC	**847**	E	13 05 32.1	+53 41 06	UMa	0.50	14.8	48
N 317 WK 170x 5m8 4-5								
NGC	**4967**	E	13 05 36.4	+53 33 50	UMa	0.50	15.2	48
N 317 WK 170x 5m8 4-5								
NGC	**4958**	L	13 05 48.9	-08 01 14	Vir	4.1	11.6	285
N 200 HZ 80x 5m8 3								
IC	**4182**	Sm	13 05 49.3	+37 36 21	CVn	1.70	11.7	109
N 317 WK 170x 5m6 5								
NGC	**4963**	S	13 05 51.9	+41 43 15	CVn	0.80	14.2	75
N 317 WK 170x 5m6 4								
NGC	**4973**	E	13 05 55.9	+53 39 31	UMa	0.70	14.3	48
N 317 WK 170x 5m8 4-5								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**4189**	Sc	13 06 03.7	+35 58 46	CVn	1.5	14.2	109

N	200	HZ	120x	6m5	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4974**	S	13 06 06.0	+53 36 46	UMa	0.70	15.7	48

N	317	WK	170x	5m8	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4985**	L	13 08 12.0	+41 40 35	CVn	1.30	14.8	75

N	317	WK	170x	5m6	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4981**	Sc	13 08 48.7	-06 46 41	Vir	2.8	12.2	285

N	200	HZ	80x	5m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5001**	SB	13 09 33.0	+53 29 37	UMa	1.10	14.6	48

N	317	WK	170x	5m8	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**4995**	Sb	13 09 40.6	-07 50 01	Vir	2.5	12.0	285

N	200	HZ	80x	5m8	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5000**	SBb-c	13 09 47.5	+28 54 22	Com	1.70	13.9	109

N	317	WK	170x	5m5	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5002**	SB M	13 10 38.2	+36 38 01	CVn	1.70	14.4	109

N	317	WK	170x	5m6	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5005**	Sa-b	13 10 56.1	+37 03 29	CVn	5.4	10.6	150

B	80	HZ	30x	6m2	3		N	114	DB	41x	5m5	3
S	125	FB	74x	6m6	2		S	200	PE	50x	5m5	2
N	200	KV	120x	6m5	2		N	200	HZ	80x		2-3
N	200	GK	91x	5m6	2		N	250	SB	100x	5m2	3
N	254	JM	98x	4m7	2-3		N	317	WK	170x	5m8	2

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5014**	Sa	13 11 31.4	+36 16 52	CVn	1.60	13.6	109

N	317	WK	170x	5m6	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**4213**	Sc	13 12 11.3	+35 40 15	CVn	3.6	14.0	109

N	200	HZ	100x	6m5	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5023**	Sc	13 12 11.7	+44 02 12	CVn	6.5	12.8	75

N	609	SK	360x	6m2	3-4	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5032**	SBb	13 13 27.0	+27 48 02	Com	2.10	13.6	150

N	317	WK	170x	5m5	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5033**	Sb-c	13 13 28.0	+36 35 34	CVn	11	10.7	109

B	80	HZ	30x	6m2	3		R	90	TJ	50x	5m0	3
N	114	DB	41x	5m5	5		S	125	FB	63x	5m6	3
S	200	PE	50x	5m5	3		N	200	KV	120x	6m5	2
N	200	HZ	80x		2-3		N	254	JM	98x	4m7	3
N	317	WK	170x	5m8	2-3							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**8320**		13 14.4	+45 55	CVn	3.6	12.4	76

N	200	KV	120x	7m1	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**63**	Sb	13 15.8	+42 02	CVn	12	8.6	76

B	24	PI	8x	6m5	3		B	50	PI	10x	6m5	3	
B	50	KH	10x	5m7	2		B	50	PA	10x	5m4	3	
B	60	DK	20x	5m0	2-3		R	63	KV	34x	5m0	3	
B	70	CF	16x	5m5	2		B	70	GW	10x	6m5	2	f
B	80	KH	15x	5m3	3		B	80	PI	20x	5m8	3-4	f
M	100	MC	50x	5m8	2-3		N	114	RS	56x	5m5	2	
N	114	DB	36x	5m5	2		N	114	DK	56x	5m0	2	
N	140	RH	100x	6m4	1		S	200	JL		5m0	2	s
S	200	MS	113x	4m5	3		N	200	GK	91x	5m6	2	
S	203	DS	102x	5m5	1-2		M	228	GI	148x	5m	2	s
N	250	SB	100x	5m2	2		N	254	JM	98x	5m	2-3	
N	300	UN	100x	4m7	2	f	N	317	WK	93x	5m7	2	
N	317	WK	170x	6m2	1-2	s	N	318	DS	123x	5m4	2-3	
N	320	PI	144x	6m5	1								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**46182**	S	13 16 14.7	+41 29 40	CVn	0.7	15.6	76

N	317	WK	170x	5m6	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**875**	L	13 17 07.5	+57 32 22	UMa	0.80	14.8	48

N	317	WK	170x	6m0	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5068**	SBc	13 18 54.5	-21 02 19	Vir	7.1	10.5	330

B	80	HZ	30x	5m5	4-5		S	200	PE	50x	5m5	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5083**	SBc	13 19 03.1	+39 35 20	CVn	1.3	15.0	76

N	317	WK	170x	6m2	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5093**	Sa	13 19 37.6	+40 23 01	CVn	1.5	14.6	76

N	317	WK	312x	5m7	5		N	317	WK	170x	6m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5087**	E4	13 20 24.9	-20 36 41	Vir	3.0	12.4	330

S	200	PE	50x	5m5	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5103**	P	13 20 30.0	+43 05 02	CVn	1.4	13.6	76

N	317	WK	214x	5m7	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5109**	S	13 20 52.6	+57 38 30	UMa	1.70	13.7	48

N	317	WK	170x	6m0	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5107**	SBc	13 21 24.4	+38 32 16	CVn	1.70	13.8	109

N	317	WK	170x	5m6	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5112**	Sc	13 21 56.6	+38 44 05	CVn	3.9	12.3	109

N	317	WK	170x	5m6	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5102**	L	13 21 57.0	-36 37 56	Cen	8.60	10.5	370

S	125	FB	50x	6m3	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5123**	Sc	13 23 10.4	+43 05 08	CVn	1.3	13.5	76

N	317	WK	214x	5m7	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5145**	S	13 25 13.9	+43 16 00	CVn	2.1	13.4	76

N	317	WK	93x	5m7	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5128**	L/P	13 25 29.0	-43 01 00	Cen	27.00	7.6	403

R	100	PH	80x	4m5	3	s	S	125	FB	50x	6m3	2	
N	155	SK	126x	6m2	1	s	N	304	PH	100x	4m8	2	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5158**	SBa-b	13 27 46.9	+17 46 42	Com	1.30	13.7	150

N	200	HZ	100x	6m0	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5169**	SBb	13 28 10.0	+46 40 18	CVn	1.9	14.4	76

N	200	HZ	120x	6m2	5		N	317	WK	214x	6m0	5
N	400	CF	141x	6m0	3-4							

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5173**	E0	13 28 25.2	+46 35 30	CVn	1.3	14.0	76

N	200	HZ			4-5			N	317	WK	214x	6m0	4		
N	400	CF	141x	6m0	2-3										

IC	**4263**	SBc	13 28 33.4	+46 55 35	CVn	1.20	15.2	76

N	317	WK	170x	6m2	5										

NGC	**5165**	L	13 28 39.1	+11 23 13	Vir	0.7	14.9	195

N	400	CF	320x	6m3	3										

NGC	**5162**	L	13 29 11.3	+11 16 30	Vir	1.0	15.2	195

N	400	CF	320x	6m3	3-4										

NGC	**5172**	Sb-c	13 29 19.0	+17 03 04	Com	3.3	12.6	150

N	200	HZ	100x	6m0	4										

NGC	**5171**	L M	13 29 21.6	+11 44 05	Vir	1.1	13.9	195

N	400	CF	240x	6m2	3										

NGC	**5177**	S M	13 29 24.2	+11 47 46	Vir	0.7	15.6	195

N	400	CF	320x	6m3	3-4										

NGC	**5176**	E M	13 29 24.9	+11 46 53	Vir	0.4	15.9	195

N	400	CF	320x	6m3	3										

NGC	**5174**	Sc	13 29 25.9	+11 00 26	Vir	3.4	13.2	195

N	400	CF	320x	6m2	3										

NGC	**5180**	L	13 29 26.9	+16 49 31	Com	1.40	14.0	195

N	200	HZ	100x	6m0	4-5										

NGC	**5178**	S R	13 29 29.3	+11 37 28	Vir	1.0	14.9	195

N	400	CF	320x	6m3	3										

NGC	**5179**	S	13 29 30.8	+11 44 45	Vir	0.7	15.0	195

N	400	CF	240x	6m3	3										

NGC	**5204**	I	13 29 36.1	+58 25 04	UMa	4.8	11.7	48

B	80	HZ	30x	6m5	5			N	317	WK	170x	6m0	3		

NGC	**5195**	I/P	13 29 59.2	+47 16 01	CVn	5.4	10.5	76

B	50	KH	10x	5m7	4			B	50	AM	10x	6m8	3		
R	60	PA	28x	5m4	3	p		R	63	KV	34x	5m0	2-3		
R	90	TJ	38x	6m0	3			R	90	SG	83x	6m3	3		
N	105	JM	73x	5m1	2	s		N	114	DK	56x	5m0	2		
N	114	DB	36x	5m5	3			N	114	RS	56x	5m5	2		
N	114	AV	50x	6m0	3			R	120	RS	102x	5m5	1-2	s	
S	125	FB	74x	6m6	3			R	130	BF	89x	7m2	2		
N	140	RH	100x		3			M	150	PI	83x	6m	2		
N	200	WK	75x	6m0	2			S	200	MS	113x	5m0	2		
S	203	DS	68x	5m5	2			N	250	SB	150x	6m0	2		
N	317	WK	170x	6m2	2			N	318	DS	102x	5m9	1-2		
N	320	PI	45x	5m7	1										

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
M	**51**	Sc	13 29.9	+47 12	CVn	11	8.4	76

B	30	KH	8x	5m7	4			B	30	BF	8x	7m2	2-3		
B	50	PE	10x	5m5	3			B	60	DK	20x	5m0	2-3		
B	70	GI	16x	5m1	4			B	70	GI	16x	5m5	2		
R	75	AT	25x	4m9	4			B	80	PI	20x	5m8	1	s	
B	80	WD	15x	5m0	3			B	80	WD	15x	6m5	3		
N	90	SG	83x	6m3	2			N	105	JM	73x	5m1	2	s	
N	114	SB	25x	5m0	3			N	114	AV	50x	6m0	3	s	
N	114	DB	36x	5m5	2			N	114	RS	56x	5m5	2		
N	114	DK	83x	5m0	2	s		R	120	RS	102x	5m5	1-2	s	
S	125	FB	74x	6m6	1	s		R	130	BF	89x	7m2	1	s	
N	140	RH	100x		1			M	150	PI	83x	6m	1	s	
M	150	PI	50x	4m5	3	s		M	150	GI	38x	5m3	3		
N	200	WK	75x	6m0	2	s		S	200	HL	77x		1	s	
S	203	DS	68x	5m5	1-2			N	250	SB	150x	6m0	2	s	
C	300	MW	112x	5m5	2	s		N	300	UN	100x	4m7	2	s	
N	317	WK	170x	6m2	1	s		N	320	PI	45x	5m7	1		

NGC	**5198**	E2	13 30 11.4	+46 40 13	CVn	2.1	12.7	76

R	150	DS	80x	6m3	4			N	200	WK	75x	6m0	4		
N	200	HZ			4-5			S	203	DS	102x	5m5	3		
N	317	WK	93x	6m0	3			N	400	CF	240x	5m6	2-3		

NGC	**5190**	SBb	13 30 38.4	+18 08 02	Com	1.00	13.8	150

N	200	HZ	100x	6m0	4-5										

NGC	**5191**	S	13 30 47.3	+11 12 03	Vir	0.7	15.1	195

N	400	CF	320x	6m2	3										

NGC	**5225**	S	13 33 20.0	+51 29 25	CVn	0.70	14.5	49

N	317	WK	170x	5m5	4										

NGC	**5229**	SBd	13 34 02.9	+47 54 50	CVn	3.4	14.4	76

N	200	HZ	120x	6m2	5										

IC	**902**	Sb	13 36 01.2	+49 57 36	UMa	0.70	14.6	76

N	317	WK	170x	5m5	4										

NGC	**5250**	L	13 36 07.1	+51 14 09	UMa	1.00	14.0	49

N	317	WK	170x	5m5	2										

NGC	**5248**	Sc	13 37 32.0	+08 53 08	Boo	6.5	10.9	196

S	200	DK	67x	4m9	2			N	200	KV	120x	5m5	3		
N	200	HZ	100x		3			N	317	WK	93x	5m5	3		
N	317	TJ	62x	5m5	3										

M	**83**	Sc/SBb	13 37.0	-29 52	Hya	11	7.6	371

B	50	FB	15x	6m1	3			R	63	KV	34x	4m5	5-6		
B	80	PI	20x	5m	5-6			R	90	SG	38x	6m3	4		
R	120	RS	102x	4m5	3-4			S	125	FB	50x	6m1	2		
S	125	FB	74x	5m8	3			N	200	GK	91x	5m6	3		
N	200	KV	48x	4m5	2-3			N	200	DP	75x	4m0	4		

NGC	**5247**	Sb-c	13 38 02.9	-17 53 07	Vir	5.4	10.7	285

B	80	HZ	30x	5m5	5			N	200	KV	75x	5m5	3		
S	200	PE	78x	5m7	3										

NGC	**5256**	P	13 38 17.4	+48 16 37	UMa	1.20	13.9	76

N	317	WK	312x	6m2	3										

NGC	**5263**	S M	13 39 55.6	+28 23 57	CVn	1.60	14.1	109

R	130	BF	89x	6m4	5-6			N	317	WK	170x	5m8	4-5		

NGC	**5253**	E5/P	13 39 55.8	-31 38 32	Cen	4.60	11.0	371

S	125	FB	50x	6m3	3										

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**48432**	S M	13 41 11.3	+30 22 39	CVn	0.8	15.3	110
N 317 WK 170x 5m8 4								
PGC	**48439**	S	13 41 16.0	+55 40 52	UMa	0.5	14.1	49
N 317 WK 170x 5m8 4								
NGC	**5278**	Sb/P	13 41 39.9	+55 40 12	UMa	1.3	13.5	49
N 317 WK 214x 6m1 3-4								
NGC	**5279**	SBa/P	13 41 43.7	+55 40 22	UMa	1.00	15.0	49
N 317 WK 170x 5m8 3								
UGC	**8671**		13 41.4	+55 39	UMa	0.6	14.1	49
N 317 WK 170x 5m8 3								
NGC	**5273**	E1/P	13 42 08.3	+35 39 12	CVn	3.1	12.5	110
N 317 WK 170x 5m6 3								
NGC	**5276**	SBb	13 42 21.9	+35 37 25	CVn	0.90	14.7	110
N 317 WK 170x 5m6 4-5								
UGC	**8681**	Sab	13 42.6	+35 01.2	CVn	0.9	14.0	110
N 317 WK 212x 5m6 4-5								
NGC	**5282**	C	13 43 24.8	+30 04 10	CVn	1.40	14.8	110
N 317 WK 170x 5m8 4								
UGC	**8685**	SBb	13 43.2	+30 21	CVn	1.3	14.5	110
N 317 WK 170x 5m8 4								
UGC	**8693**	Sc	13 44.5	+35 11.5	CVn	1.3	13.8	110
N 317 WK 170x 5m6 4								
UGC	**8696**		13 44.6	+55 53	UMa	1.2	15.0	49
N 317 WK 170x 5m8 4-5								
UGC	**8698**	Sb	13 45.2	+35 13.1	CVn	1.1	14.4	110
N 317 WK 170x 5m6 4-5								
NGC	**5296**	L	13 46 18.6	+43 51 04	CVn	0.90	16.1	76
N 317 WK 170x 5m8 4-5								
NGC	**5297**	Sb-c	13 46 23.4	+43 52 19	CVn	5.6	12.4	76
N 317 WK 170x 5m8 3								
NGC	**5301**	Sb	13 46 24.2	+46 06 25	CVn	4.00	13.0	76
N 317 WK 170x 5m0 3-4								
NGC	**5308**	L	13 47 00.0	+60 58 20	UMa	3.5	12.4	49
N 200 KV 75x 5m0 3-4								
N 200 DP 102x 6m0 4								
NGC	**5303**	I/P	13 47 45.2	+38 18 14	CVn	0.90	13.1	110
N 317 WK 170x 5m0 3								
NGC	**5305**	SBb	13 47 55.7	+37 49 32	CVn	1.50	14.4	110
N 317 WK 170x 5m0 4-5								
NGC	**5300**	Sc	13 48 15.9	+03 57 00	Vir	3.80	12.5	241
B 80 HZ 30x 5m8 6								
NGC	**5311**	I	13 48 55.8	+39 59 09	CVn	2.60	13.4	76
N 317 WK 170x 5m8 3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5322**	E2	13 49 14.9	+60 11 23	UMa	5.5	11.1	49
B 80 HZ 30x 6m5 4-5								
S 200 PE 70x 5m5 2								
N 200 KV 75x 5m0 2-3								
N 200 DP 102x 6m0 3								
S 250 FB 96x 5m3 3								
S 280 PP 88x 5m5 1 s								
NGC	**5313**	Sb	13 49 44.3	+39 59 05	CVn	1.9	12.9	110
N 317 WK 170x 5m8 3								
NGC	**5320**	SBc	13 50 20.2	+41 21 56	CVn	3.60	12.9	76
M 150 PI 83x 6m5 6								
NGC	**5326**	Sa-b	13 50 50.5	+39 34 29	CVn	2.20	12.9	76
N 317 WK 170x 5m8 3								
NGC	**5324**	S	13 52 05.8	-06 03 31	Vir	2.4	12.5	286
N 317 WK 170x 6m2 2-3								
NGC	**5337**	S	13 52 23.0	+39 41 15	CVn	1.70	13.4	76
N 317 WK 170x 5m8 4								
NGC	**5341**	S	13 52 32.1	+37 48 59	CVn	1.30	14.2	110
N 317 WK 170x 5m6 3-4								
PGC	**49297**	C	13 52 43.0	+25 02 14	Boo		15.4	151
N 317 WK 170x 6m0 4-5								
UGC	**8788**	SO-a	13 52.6	+24 45	Boo	1.2	14.9	151
N 317 WK 170x 6m0 3-4								
NGC	**5349**	SBb	13 53 13.1	+37 52 57	CVn	1.70	14.9	110
N 317 WK 170x 5m6 5								
NGC	**5347**	SBb-c	13 53 18.0	+33 29 25	CVn	1.9	13.4	110
N 200 JL 92x 6m5 4-5								
NGC	**5350**	Sb	13 53 21.5	+40 21 48	CVn	3.2	12.4	76
N 200 KV 120x 7m1 2-3								
N 200 HZ 100x 3								
N 200 DP 102x 5m0 4-5								
N 200 GK 91x 5m6 3								
N 200 GK 91x 5m8 3								
S 250 FB 96x 5m1 3								
N 317 WK 170x 6m2 3								
N 317 TJ 230x 5m5 3								
NGC	**5338**	LB	13 53 26.5	+05 12 26	Vir	2.3	13.8	196
N 200 HZ 4-5								
NGC	**5354**	L	13 53 26.7	+40 18 09	CVn	2.3	12.5	76
M 150 PI 83x 6m5 3								
N 200 KV 120x 7m1 2-3								
N 200 HZ 100x 4								
N 200 DP 102x 5m0 4								
N 200 GK 91x 5m6 2								
N 200 GK 91x 5m8 3-4								
S 250 FB 96x 5m1 3								
N 317 TJ 230x 5m5 3								
NGC	**5353**	E5	13 53 26.7	+40 16 57	CVn	2.8	12.1	76
M 150 PI 83x 6m5 3								
N 200 KV 120x 7m1 2-3								
N 200 HZ 100x 3								
N 200 DP 102x 5m0 4								
N 200 GK 91x 5m6 2								
N 200 GK 91x 5m8 2								
S 250 FB 96x 5m1 3								
N 317 WK 170x 6m2 2-3								
N 317 TJ 230x 5m5 3								
NGC	**5351**	Sb-c	13 53 28.0	+37 54 52	CVn	3.1	13.0	110
N 317 WK 170x 5m6 3								
PGC	**49361**		13 53 31.0	+24 52 16	Boo		15.5	151
N 317 WK 170x 6m0 4-5								
IC	**4340**	S	13 53 33.6	+37 23 10	CVn	1.30	14.9	110
N 317 WK 170x 5m6 3								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5355**	E3	13 53 45.5	+40 20 18	CVn	1.5	14.0	76

N	200	KV	120x	7m1	4		N	200	HZ	100x		4	
N	200	DP	102x	5m0	6		N	317	WK	170x	6m2	3-4	
N	317	TJ	230x	5m5	4								

NGC	**5358**	L	13 54 00.4	+40 16 38	CVn	1.4	14.6	76

N	200	KV	120x	7m1	4-5		N	317	WK	170x	6m2	4	
N	317	TJ	230x	5m5	4								

NGC	**5368**	SBa-b	13 54 29.1	+54 19 49	UMa	0.8	13.9	49

N	317	WK	214x	6m1	4

IC	**4343**	S	13 54 55.7	+25 07 19	Boo	0.80	15.5	151

N	317	WK	170x	6m0	4-5

NGC	**5356**	SBb-c	13 54 58.3	+05 19 58	Vir	3.2	13.8	196

N	200	HZ	100x		4		N	317	WK	93x	5m6	3-4	

IC	**4344**	S	13 55 12.7	+25 01 15	Boo	0.80	15.4	151

N	317	WK	170x	6m0	4

IC	**4345**	E	13 55 13.5	+25 03 04	Boo	0.80	14.5	151

N	317	WK	170x	6m0	3

NGC	**5376**	Sa	13 55 15.8	+59 30 23	UMa	2.1	13.0	49

N	317	WK	170x	5m6	3

NGC	**5379**	SBb	13 55 34.4	+59 44 34	UMa	2.10	13.9	49

N	317	WK	170x	5m6	3-4

NGC	**5371**	Sb-c	13 55 40.0	+40 27 42	CVn	4.4	11.3	76

M	150	PI	150x	6m5	2		N	200	KV	120x	7m1	2	
N	200	HZ	40x		3		N	200	DP	36x	5m0	4	
N	200	GK	91x	5m6	3		S	200	PE	78x	5m7	3	
N	200	GK	57x	5m8	3		S	250	FB	96x	5m1	3-4	
N	317	WK	170x	6m2	3		N	317	TJ	230x	5m5	3	

IC	**4346**	S	13 55 40.4	+25 09 08	Boo	0.80	15.3	151

N	317	WK	312x	6m0	5

IC	**4348**	E	13 55 45.0	+25 12 11	Boo	0.80	16.6	151

N	317	WK	312x	6m0	5

IC	**4349**	S	13 55 46.2	+25 09 05	Boo	0.80	15.3	151

N	317	WK	312x	6m0	5

IC	**960**	S M	13 55 59.0	+17 29 56	Boo	1.20	14.6	151

N	317	WK	170x	6m2	4-5

NGC	**5389**	SBa	13 56 06.4	+59 44 28	UMa	4.1	12.9	49

N	317	WK	170x	5m6	3

NGC	**5363**	E/P	13 56 07.1	+05 15 12	Vir	4.2	11.4	241

B	80	HZ	30x	5m8	3-4		S	200	PE	78x	5m5	3	
N	200	HZ	40x		3		N	317	WK	93x	5m6	3	

NGC	**5364**	Sb-c/P	13 56 11.9	+05 00 54	Vir	7.1	11.2	241

B	80	HZ	30x	5m8	4-5		S	200	PE	50x	5m5	4	
N	200	HZ	40x		3		N	317	WK	93x	5m6	3-4	

PGC	**49556**	C	13 56 12.5	+25 10 22	Boo		15.7	151

N	317	WK	170x	6m0	4-5

NGC	**5377**	Sa/P	13 56 16.7	+47 14 06	CVn	4.6	12.2	76

N	203	KV	75x	6m0	3		N	317	WK	170x	5m0	3	
N	318	DS	102x	5m0	3								

NGC	**5378**	SBa	13 56 50.9	+37 47 48	CVn	2.70	13.4	110

N	317	WK	170x	5m0	4-5		N	320	PI	80x	6m2	4	

NGC	**5375**	SBa-b	13 56 55.9	+29 09 49	CVn	3.5	12.8	110

N	368	RV	80x	5m8	3

NGC	**5380**	Sa	13 56 56.7	+37 36 35	CVn	1.90	13.2	110

N	317	WK	170x	5m0	4		N	320	PI	80x	6m2	3	

UGC	**8850**		13 56.0	+18 22	Boo	1.0	14.8	151

N	317	WK	312x	6m2	4

NGC	**5383**	SBb	13 57 04.9	+41 50 44	CVn	3.5	12.3	76

N	200	HZ	100x		3		N	200	DP	102x	5m0	4	
S	250	FB	96x	5m1	4								

NGC	**5413**	E	13 57 53.5	+64 54 39	Dra	1.10	14.8	27

N	317	WK	170x	6m2	3-4

UGC	**8876**	Sa	13 57.0	+45 58.4	CVn	1.1	13.4	76

N	317	WK	170x	5m4	4

NGC	**5402**	S	13 58 16.5	+59 48 50	UMa	1.30	14.7	49

N	317	WK	170x	5m6	4

NGC	**5394**	SBb/P	13 58 33.7	+37 27 11	CVn	1.9	13.7	110

N	200	HZ	120x		5		N	317	WK	170x	5m0	3-4	

NGC	**5395**	Sb-c	13 58 37.9	+37 25 29	CVn	3.1	12.5	110

N	200	HZ	120x		4		N	317	WK	170x	5m0	3	

NGC	**5401**	Sa	13 59 43.5	+36 14 15	CVn	1.50	14.6	110

N	317	WK	170x	5m6	3-4

PGC	**49828**	S pec	14 00 00.2	+37 18 24	CVn	0.3	16.5	110

N	320	PI	80x	6m2	5

NGC	**5406**	Sb-c	14 00 20.1	+38 54 53	CVn	1.90	13.1	110

N	317	WK	170x	5m6	3-4

NGC	**5422**	L	14 00 41.8	+55 09 51	UMa	3.9	12.9	49

N	200	HZ			3		N	317	WK	93x	6m1	3	
N	368	RV	80x	5m8	3								

NGC	**5430**	Sb	14 00 45.6	+59 19 42	UMa	2.4	12.8	49

N	317	WK	170x	5m5	2-3

NGC	**5407**	E	14 00 50.0	+39 09 22	CVn	1.40	14.1	77

N	317	WK	170x	5m6	4-5

NGC	**5409**	SBb	14 01 46.0	+09 29 24	Boo	1.70	14.2	196

N	250	SB	139x	6m2	4

NGC	**5439**	S	14 01 57.5	+46 18 39	CVn	1.10	14.7	77

N	317	WK	170x	5m4	4

NGC	**5416**	Sc	14 02 11.4	+09 26 22	Boo	1.40	14.0	196

N	250	SB	139x	6m2	3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5443**	SBb	14 02 11.6	+55 48 50	UMa	2.8	13.1	49

N	200	HZ		3-4			N	368	RV	80x	5m8	3			

NGC	**5447**	GxyP	14 02 29.0	+54 16 20	UMa			49

N	250	SB	74x	6m2	3										

NGC	**5423**	L	14 02 48.5	+09 20 29	Boo	1.50	14.0	196

N	250	SB	139x	6m2	3										

NGC	**5448**	Sb-c	14 02 50.4	+49 10 19	UMa	4.2	12.1	49

S	200	PE	78x	5m7	4			N	203	KV	120x	6m0	3		

NGC	**5424**	L	14 02 55.7	+09 25 14	Boo	1.60	14.0	196

N	250	SB	139x	6m2	3										

NGC	**5434**	Sc	14 03 23.1	+09 26 50	Boo	1.80	13.9	196

N	250	SB	139x	6m2	5										

NGC	**5444**	E1	14 03 24.1	+35 07 55	CVn	2.7	12.7	110

N	200	JL	92x	6m5	3-4										

NGC	**5426**	Sc	14 03 24.9	-06 04 10	Vir	2.9	12.7	286

N	200	HZ	100x		3-4			N	317	WK	141x	5m5	4-5		

NGC	**5427**	Sc	14 03 26.0	-06 01 53	Vir	2.5	11.9	286

N	200	HZ	100x		3-4			N	317	WK	170x	5m5	4		

NGC	**5436**	L	14 03 41.1	+09 34 24	Boo	1.10	14.9	196

N	250	SB	139x	6m2	3										

NGC	**5437**	S	14 03 47.3	+09 31 23	Boo	0.90	15.1	196

N	250	SB	139x	6m2	3										

NGC	**5438**	E	14 03 47.9	+09 36 38	Boo	0.60	14.7	196

N	250	SB	139x	6m2	3										

M	**101**	Sc	14 03.2	+54 21	UMa	27	7.7	49

B	30	KH	8x	6m0	3-4			B	50	CF	10x	5m8	3				
B	50	PI	10x	6m5	2			B	50	PA	10x	5m5	3				
B	60	SB	20x	5m0	3			B	60	DK	20x	5m0	2-3				
R	63	KV	34x	4m5	4-5			B	70	GI	16x	5m5	3				
B	70	MC	25x	5m0	3			R	75	AT	25x	4m9	4				
B	80	PI	20x	6m5	2			R	80	DS	45x	5m4	3-4				
R	102	WD	31x	5m3	2			N	114	DB	36x	5m5	4				
N	114	RS	36x	6m0	2			N	114	SB	20x	5m0	4				
S	125	FB	40x	5m2	2			N	140	RH	28x		3				
R	150	DS	60x	5m4	3			M	150	GI	38x	5m3	6				
M	150	PI	50x	4m5	6			N	200	TJ	45x	4m5	3				
S	203	DS	68x	5m5	2-3			M	228	GI	78x	6m1	2-3				
S	250	FB	96x	5m3	2-3	s		N	250	SB	74x	6m2	2	s			
N	254	JM	42x	6m0	3-4			S	280	PP	88x	5m5	1	s	DSF		
N	300	UN	50x	5m2	1	s		N	317	TJ	114x	6m5	3				
N	317	WK	75x	6m1	2	s											

NGC	**5473**	E2	14 04 43.5	+54 53 34	UMa	2.6	12.4	49

N	200	HZ			3			N	200	GK	119x	5m6	3		
S	200	PE	78x	5m7	3			N	317	WK	93x	6m1	3		
N	368	RV	80x	5m8	3										

NGC	**5474**	Sc	14 05 01.4	+53 39 44	UMa	6.0	11.3	49

B	100	CF	20x	6m0	3			N	155	SK	126x	6m2	3		
N	200	HZ			3			N	200	DP	102x	6m0	3-4		
S	200	PE	78x	5m7	4			S	250	FB	96x	5m3	4		
N	314	WK	93x	6m1	3			N	368	RV	80x	5m8	2		
N	508	AS	183x	6m4	3	s									

NGC	**5475**	Sa	14 05 12.2	+55 44 30	UMa	2.2	13.5	49

N	200	HZ	100x		4			N	317	WK	214x	6m1	3		
N	368	RV	80x	5m8	3										

NGC	**5485**	S0-a	14 07 11.4	+55 00 03	UMa	2.6	12.3	49

N	200	HZ			3			N	200	GK	91x	5m6	3		
N	368	RV	80x	5m8	3										

NGC	**5486**	Sc/I	14 07 24.9	+55 06 09	UMa	1.4	13.9	49

N	200	HZ	120x	6m5	4-5			N	317	WK	214x	6m1	5		
N	368	RV	80x	5m8	4										

NGC	**5476**	S	14 08 08.4	-06 05 34	Vir	1.7	13.0	287

N	200	HZ	120x	5m8	4-5										

NGC	**5490**	E2	14 09 57.3	+17 32 42	Boo	2.3	13.0	151

N	200	WK	75x	4m5	5			N	317	WK	93x	4m5	3-4		

IC	**983**	SBa-b	14 10 04.3	+17 44 02	Boo	0.60	14.7	152

N	320	PI	144x	6m5	5										

NGC	**5492**	Sb/P	14 10 35.2	+19 36 41	Boo	1.6	13.7	151

N	317	WK	170x	5m6	3-4										

NGC	**5498**	L	14 11 04.4	+25 41 50	Boo	1.00	14.8	152

N	317	WK	170x	5m8	4										

NGC	**5493**	L/P	14 11 29.4	-05 02 40	Vir	2.0	12.3	242

N	200	HZ	100x	5m8	3			N	317	TJ	230x	6m0	3-4		

NGC	**5513**	L	14 13 08.8	+20 24 54	Boo	1.9	13.9	152

N	317	WK	170x	5m6	3										

PGC	**50857**		14 14 15.4	+26 44 51	Boo	0.3	15.5	152

N	317	WK	214x	5m8	4-5										

NGC	**5523**	Sb	14 14 51.4	+25 19 02	Boo	4.5	12.9	152

N	200	KV	120x	5m5	4			N	200	DP	102x	6m9	4		
N	317	WK	170x	5m8	3			N	318	DS	102x	5m7	3-4		

NGC	**5533**	Sb	14 16 07.4	+35 20 36	Boo	3.2	12.7	110

N	200	JL	92x	6m5	3-4			S	203	DS	102x	5m4	4		

NGC	**5544**	SBa	14 17 02.4	+36 34 14	Boo	1.1	14.2	110

N	200	JL	92x	6m5	5										

NGC	**5545**	Sb-c	14 17 04.8	+36 34 27	Boo	1.3	15.8	110

N	200	JL	92x	6m5	5										

IC	**4395**	S	14 17 20.8	+26 51 25	Boo	1.30	14.9	152

N	317	WK	170x	5m8	3-4										

IC	**4397**	S/P	14 17 58.7	+26 24 44	Boo	3.10	14.2	152

N	317	WK	170x	5m0	4										

NGC	**5548**	S/P	14 17 59.4	+25 08 10	Boo	1.9	13.2	152

N	317	WK	170x	5m0	3										

UGC	**9144**	Sc	14 17.0	+42 41	Boo	1.5	16.0	77

N	317	WK	214x	5m8	4-5										

NGC	**5557**	E1	14 18 25.6	+36 29 35	Boo	2.4	11.9	110

N	150	GK	112x	5m5	3-4			N	200	JL	92x	6m5	2-3		
N	200	GK	91x	5m6	2										

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5553**	Sa	14 18 29.6	+26 17 12	Boo	1.3	14.9	152
N 317 WK 170x 5m8 3				N 318 DS 102x 5m8 3-4				
IC	**4405**	S	14 19 16.4	+26 17 52	Boo	1.30	14.8	152
N 317 WK 170x 5m8 4-5								
NGC	**5585**	Sc	14 19 47.7	+56 43 42	UMa	5.5	11.2	49
N 200 HZ 40x 6m5 3-4				S 200 PE 78x 5m7 3-4				
N 200 GK 91x 5m8 3-4				S 250 FB 96x 5m3 4				
N 317 WK 93x 6m2 3								
NGC	**5560**	SBb/P	14 20 04.4	+03 59 32	Vir	3.9	13.2	242
N 200 KV 75x 6m0 4				S 200 PE 78x 5m4 4				
N 317 WK 170x 5m5 3-4				N 317 TJ 89x 6m5 3				
NGC	**5566**	Sb-c	14 20 20.0	+03 55 57	Vir	6.5	11.5	242
R 63 KV 53x 5m0 4				B 80 HZ 30x 5m8 4				
N 200 KV 75x 6m0 3				S 200 PE 78x 5m4 3				
N 317 WK 170x 5m5 3				N 317 TJ 89x 6m5 2-3				
NGC	**5569**	SBc	14 20 32.2	+03 58 57	Vir	1.9	14.4	242
N 317 WK 170x 5m5 5								
NGC	**5574**	LB	14 20 55.9	+03 14 15	Vir	1.6	13.2	242
N 200 KV 120x 6m0 4				N 317 TJ 89x 6m5 4				
NGC	**5576**	E2	14 21 03.7	+03 16 15	Vir	3.2	11.8	242
B 80 HZ 30x 5m8 4				N 200 KV 120x 6m0 3				
S 200 PE 78x 5m7 4				N 317 TJ 89x 6m5 3				
NGC	**5577**	Sb	14 21 13.2	+03 26 09	Vir	3.4	13.4	242
N 200 KV 120x 6m0 4-5								
NGC	**5589**	SBa	14 21 24.9	+35 16 12	Boo	1.10	14.2	111
N 317 WK 170x 5m8 3-4								
NGC	**5590**	L	14 21 38.3	+35 12 16	Boo	1.80	13.3	111
N 317 WK 170x 5m8 3								
NGC	**5596**	L	14 22 28.6	+37 07 20	Boo	1.10	14.6	111
N 317 WK 170x 5m5 4								
NGC	**5611**	L	14 24 04.8	+33 02 50	Boo	1.30	13.6	111
N 317 WK 170x 5m8 3								
NGC	**5614**	Sa	14 24 07.3	+34 51 31	Boo	2.7	12.5	111
N 200 HZ 40x 3-4				N 317 WK 93x 4m8 3				
N 320 PI 80x 6m2 3								
NGC	**5616**	Sb-c	14 24 20.6	+36 27 39	Boo	2.10	14.6	111
N 317 WK 170x 5m5 5								
UGC	**9242**	Sc	14 25.3	+39 32.3	Boo	5.0	13.5	77
N 609 SK 360x 6m2 3-5 s								
NGC	**5631**	Sa	14 26 33.3	+56 34 57	UMa	1.8	12.4	49
N 200 HZ 100x 6m5 3				N 200 GK 91x 5m8 2				
NGC	**5623**	E	14 27 08.7	+33 15 09	Boo	1.60	13.5	111
N 317 WK 170x 5m8 3								
NGC	**5633**	Sb	14 27 28.5	+46 08 49	Boo	2.3	13.0	77
N 203 KV 120x 6m0 3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**4436**	E	14 27 58.2	+26 30 13	Boo	1.40	14.9	152
N 317 WK 170x 6m0 3-4								
IC	**1017**	L	14 28 07.2	+25 52 04	Boo	1.80	14.8	152
N 317 WK 170x 6m0 3								
IC	**1019**	S	14 28 13.3	+25 56 48	Boo	1.80	15.4	152
N 317 WK 170x 6m0 4								
NGC	**5629**	L	14 28 16.1	+25 50 55	Boo	1.80	13.1	152
N 317 WK 170x 6m0 3								
NGC	**5635**	S/P	14 28 31.5	+27 24 31	Boo	2.30	13.7	152
N 317 WK 170x 5m5 3								
IC	**1020**	L	14 28 49.4	+26 01 56	Boo	1.80	15.1	152
N 317 WK 170x 6m0 4								
UGC	**9284**	Sa	14 28.4	+33 15	Boo	1.6	14.9	111
N 317 WK 170x 5m8 4-5								
NGC	**5641**	SBa-b	14 29 16.6	+28 49 16	Boo	2.40	13.3	111
N 155 SK 126x 6m2 4								
NGC	**5638**	E1	14 29 40.4	+03 13 58	Vir	2.6	12.2	242
N 200 GK 91x 5m6 3								
NGC	**5660**	Sc	14 29 48.7	+49 37 19	Boo	2.8	12.4	77
N 203 KV 120x 6m0 3				S 280 PP 156x 5m0 3				
N 317 WK 170x 5m4 3-4				N 317 TJ 62x 5m0 3				
N 320 PI 144x 6m0 3								
NGC	**5654**	P	14 30 01.4	+36 21 35	Boo	1.50	14.0	111
N 317 WK 170x 5m5 3								
NGC	**5653**	S/P	14 30 10.3	+31 12 53	Boo	1.70	12.9	111
N 155 SK 126x 6m2 3								
NGC	**5656**	Sa-b	14 30 25.4	+35 19 15	Boo	1.90	12.7	111
N 317 WK 170x 5m5 2-3								
NGC	**5645**	Sc	14 30 39.2	+07 16 27	Vir	2.6	12.9	197
N 317 TJ 89x 6m5 3								
NGC	**5657**	SBb	14 30 43.6	+29 10 48	Boo	1.80	14.2	111
N 317 WK 170x 5m5 3-4								
NGC	**5673**	SBc	14 31 30.6	+49 57 29	Boo	2.4	13.6	77
N 317 WK 170x 5m4 4-5								
NGC	**5678**	Sc/P	14 32 05.5	+57 55 21	Dra	3.2	12.2	50
N 200 GK 91x 5m8 3								
NGC	**5665**	Sc	14 32 25.6	+08 04 43	Boo	2.1	12.7	197
N 317 TJ 89x 6m5 3								
IC	**1029**	Sb	14 32 27.2	+49 54 14	Boo	2.6	13.6	175
N 317 WK 170x 5m4 3-4								
IC	**4452**	E	14 32 27.4	+27 25 36	Boo	1.80	15.0	152
N 317 WK 170x 5m5 4-5								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran

NGC 5675 S 14 32 39.7 +36 18 07 Boo 2.80 13.8 111

N 317 WK 170x 5m5 3

NGC 5669 Sc 14 32 44.0 +09 53 30 Boo 4.1 12.3 197

S 200 DK 145x 4m9 3-4 | N 317 TJ 89x 6m5 3-4

NGC 5676 Sc 14 32 46.4 +49 27 23 Boo 3.9 11.9 77

S 200 PE 78x 5m7 3 | N 203 KV 200x 6m0 2-3
N 254 JM 98x 5m 3-4 f | N 254 JM 98x 4m7 4
S 280 PP 156x 5m0 3 | N 317 WK 170x 5m4 3
N 317 TJ 62x 5m0 3 | N 320 PI 144x 6m0 2

IC 1031 S 14 34 23.9 +48 02 15 Boo 0.40 16.0 77

N 317 WK 170x 6m0 4

IC 1032 C 14 34 39.1 +47 58 05 Boo 0.40 16.1 77

N 317 WK 170x 6m0 4

IC 1033 E 14 34 41.8 +47 56 14 Boo 0.40 15.3 77

N 317 WK 170x 6m0 4

NGC 5682 SBb 14 34 45.1 +48 40 11 Boo 1.60 14.7 77

N 317 WK 170x 6m0 4-5

NGC 5687 S0-a 14 34 52.2 +54 28 34 Boo 2.6 12.7 50

N 200 KV 200x 5m5 4

NGC 5683 E 14 34 52.4 +48 39 43 Boo 0.40 16.1 77

N 317 WK 170x 6m0 4-5

NGC 5689 SBa 14 35 29.6 +48 44 28 Boo 3.7 12.8 77

N 317 WK 170x 5m4 3

NGC 5684 L 14 35 50.0 +36 32 35 Boo 1.50 13.6 111

N 317 WK 170x 5m5 3

NGC 5686 C 14 36 02.5 +36 30 11 Boo 0.40 14.7 111

N 317 WK 170x 5m5 5

NGC 5693 SBd 14 36 11.3 +48 35 05 Boo 1.8 14.2 77

N 317 WK 170x 5m4 4-5

NGC 5685 C 14 36 15.3 +29 54 28 Boo 1.20 14.6 111

N 317 WK 170x 5m5 3-4

NGC 5700 SB 14 37 01.6 +48 32 41 Boo 1.0 15.2 77

N 317 WK 170x 5m4 5

NGC 5698 SBb 14 37 14.6 +38 27 14 Boo 1.7 13.9 77

N 400 CF 141x 5m7 3

NGC 5695 S 14 37 22.0 +36 34 02 Boo 1.50 13.6 111

N 317 WK 170x 6m0 3-4

NGC 5690 Sb 14 37 41.1 +02 17 24 Vir 3.5 12.7 242

R 120 RS 102x 5m0 4 | N 317 WK 170x 6m0 3

NGC 5691 SBa/P 14 37 53.4 -00 23 55 Vir 2.0 12.3 242

N 317 WK 170x 5m4 3

NGC 5692 P 14 38 18.0 +03 24 34 Vir 0.9 13.6 242

N 317 WK 170x 6m0 3-4

NGC 5713 Sc 14 40 11.3 -00 17 26 Vir 2.8 11.8 242

N 317 WK 170x 5m4 2-3

NGC 5732 Sb-c 14 40 38.9 +38 38 15 Boo 1.4 14.3 77

N 400 CF 141x 5m7 3

NGC 5719 SBa-b/ 14 40 56.5 -00 19 06 Vir 3.20 13.4 243

N 317 WK 170x 5m4 3-4

NGC 5735 SBb 14 42 33.4 +28 43 34 Boo 2.40 13.5 111

N 317 WK 170x 5m5 3 | N 508 AS 140x 6m3 3

NGC 5740 Sb-c 14 44 24.5 +01 40 46 Vir 3.1 12.6 243

N 200 KV 120x 6m5 4 | N 200 HZ 70x 3-4
S 203 DS 68x 5m2 3-4 | N 317 WK 93x 4m5 3-4
N 317 TJ 177x 4m5 3 | N 320 PI 144x 6m0 3

NGC 5746 Sb 14 44 55.7 +01 57 20 Vir 7.9 11.3 243

R 60 PA 28x 4m9 7 | B 80 HZ 30x 5m8 4
N 114 DK 83x 5m0 4 | R 120 RS 64x 5m0 3
S 200 PE 110x 5m0 4 | N 200 KV 75x 6m5 2
N 200 HZ 80x 3 | S 203 DS 68x 5m2 3
M 228 GI 124x 5m 3 | N 250 SB 150x 5m0 3
N 317 WK 93x 4m5 3 | N 317 TJ 177x 4m5 3
N 320 PI 144x 6m0 1

NGC 5750 Sb-c 14 46 10.9 -00 13 26 Vir 2.9 12.5 243

N 317 WK 170x 5m4 3-4

IC 1065 LB 14 49 21.3 +63 16 13 Dra 14.5 27

N 317 WK 170x 5m0 4

UGC 9560 14 50.9 +35 35 Boo 0.8 14.5 111

N 317 WK 170x 6m2 4

UGC 9562 Pec 14 51.2 +35 33 Boo 1.1 14.2 111

N 317 WK 170x 6m2 4

NGC 5832 SBb 14 57 45.7 +71 40 51 UMi 3.4 13.0 28

N 400 CF 141x 6m2 2-3

NGC 5792 Sb/P 14 58 22.6 -01 05 27 Lib 7.2 12.1 243

S 200 PE 78x 5m7 4 | N 317 TJ 230x 4m5 3-4
N 317 WK 170x 5m6 3 | N 508 AS 183x 5m6 3

NGC 5820 E5 14 58 39.9 +53 53 07 Boo 2.5 13.3 50

NGC 5806 Sb-c 15 00 00.2 +01 53 25 Vir 3.1 12.5 243

S 200 PE 110x 5m0 4 | S 200 DK 145x 4m9 3
N 200 HZ 100x 5m8 3 | N 317 TJ 230x 5m0 3-4
N 318 DS 318x 5m0 3-4

NGC 5812 E1 15 00 55.7 -07 27 29 Lib 2.4 12.2 288

N 200 GK 91x 5m6 3 | S 200 PE 200x 5m7 3
S 280 FD 140x 6m4 2 s

NGC 5813 E1 15 01 11.1 +01 42 05 Vir 3.6 11.5 243

B 80 HZ 30x 5m8 4-5 | S 200 PE 110x 5m0 3
S 200 DK 145x 4m9 2-3 | N 200 HZ 40x 5m8 3
N 200 GK 112x 5m6 4 | N 317 TJ 230x 5m0 3
N 318 DS 102x 5m0 3

NGC 5814 S 15 01 21.1 +01 38 12 Vir 1.2 14.7 243

N 317 TJ 230x 5m0 5

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5831**	E/P	15 04 06.8	+01 13 10	Vir	2.2	12.5	243

S	200	PE	110x	5m0	4			S	200	DK	145x	4m9	3		
N	200	HZ	100x	5m8	3			N	318	DS	102x	4m9	3-4		

NGC	**5838**	Sa	15 05 26.0	+02 05 54	Vir	4.2	11.9	243

B	80	HZ	30x	5m8	4-5			S	200	PE	78x	5m0	3		
S	200	DK	145x	4m9	2			N	200	HZ	40x		3		
N	200	GK	119x	5m6	2			N	317	WK	93x	6m2	3		
N	317	TJ	230x	5m0	3			N	318	DS	102x	5m0	2-3		

NGC	**5839**	L	15 05 27.4	+01 38 02	Vir	1.4	13.7	243

S	200	DK	145x	4m9	4			N	200	HZ			5		
N	317	WK	93x	6m2	4										

NGC	**5845**	E3	15 06 00.6	+01 37 59	Vir	0.9	13.5	243

N	200	HZ	190x	5m8	4-5			N	317	TJ	230x	5m0	3		

NGC	**5862**	C	15 06 03.2	+55 34 26	Dra	0.30	15.9	50

S	254	TE	375x	6m4	7										

NGC	**5846**	E0	15 06 29.0	+01 36 17	Vir	3.4	11.1	243

B	80	HZ	30x	5m8	4			S	200	PE	78x	5m0	3		
S	200	DK	145x	4m9	2			N	200	HZ	40x		3		
N	200	GK	91x	5m6	2			N	317	WK	93x	6m2	2-3		
N	317	TJ	230x	5m0	3			N	318	DS	102x	4m9	3		
N	508	AS	183x	5m6	2										

NGC	**5870**	L	15 06 33.7	+55 28 43	Dra	1.20	14.9	50

S	254	TE	375x	6m4	7										

NGC	**5846 A**	E2	15 06.5	+01 36	Vir	0.5	13.2	243

N	200	HZ	200x		4-5										

M	**102**	S0/E6 p	15 06.5	+55 46	Dra	5.2	10.0	50

A	7	PI	1x	6m3	1			B	50	PA	10x	5m4	4		
R	63	KV	34x	5m0	3			N	114	RS	90x	6m0	2		
N	114	DK	56x	5m0	3			N	114	DB	36x	5m5	2-3		
S	125	FB	63x	5m6	3			M	127	JM	37x	4m3	3-4		
N	140	RH	100x	5m6	2			N	200	GK	91x	5m8	2		
S	200	MC	133x	5m4	3			S	203	PK	110x		3		
M	228	GI	258x	5m1	3			S	250	FB	96x	5m4	3		
N	250	SB	221x	5m3	2			N	254	RV	70x	5m3	3		
N	317	WK	93x	4m8	2-3			N	318	DS	102x	5m0	2		
N	400	CF	320x	5m7	1	s									

NGC	**5850**	SBa-b	15 07 07.5	+01 32 37	Vir	4.3	11.6	243

B	80	HZ	30x	5m8	5			S	200	PE	110x	5m0	4		
S	200	DK	145x	4m9	3			N	200	HZ	40x		3		
N	200	GK	91x	5m6	4			N	317	WK	93x	6m2	3-4		
N	317	TJ	230x	5m0	4			N	318	DS	102x	4m9	3-4		
N	508	AS	183x	5m6	3	s									

NGC	**5854**	S0-a	15 07 47.6	+02 34 05	Vir	2.7	12.8	243

S	200	DK	145x	4m9	2-3			N	200	HZ	120x	5m8	3		
N	317	WK	93x	6m2	3			N	318	DS	102x	5m0	3		

UGC	**9737**	S	15 07.8	+55 11	Dra	1.3	14.7	50

S	254	TE	214x	6m4	4-5										

UGC	**9749**	Dwarf E	15 09 11.3	+67 12 51	Umi	30	12.8	28

N	203	RH	48x	6m7	5			N	320	PI	45x	6m5	5		

NGC	**5861**	Sc/P	15 09 16.2	-11 19 22	Lib	2.8	12.1	288

S	280	FD	200x	6m4	4										

NGC	**5864**	E7/P	15 09 33.5	+03 03 10	Vir	2.8	12.9	243

S	200	DK	145x	4m9	2-3			N	200	HZ	120x	5m8	3		
N	318	DS	102x	5m0	3										

NGC	**5879**	Sb	15 09 46.8	+57 00 00	Dra	4.4	12.2	50

B	80	HZ	30x	6m2	5			N	200	HZ			3		
N	200	GK	91x	5m8	3			N	317	WK	93x	4m8	3		
N	368	RV	230x	4m6	3										

NGC	**5865**	L M	15 09 49.1	+00 31 47	Vir	1.10	15.1	243

S	200	DK	145x	4m9	3										

UGC	**9757**	Sb	15 11.6	+05 24	Ser	1.3	15.0	198

S	254	TE	214x	6m4	5-6										

IC	**1110**	Sa	15 12 05.3	+67 21 42	UMi	3.10	14.9	28

N	317	WK	170x	5m5	3-4										

NGC	**5886**	L	15 12 45.4	+41 14 00	Boo	0.90	15.0	78

N	317	WK	170x	6m0	3-4										

NGC	**5888**	SBb-c	15 13 07.4	+41 15 50	Boo	1.30	14.2	78

N	317	WK	170x	6m0	3-4										

NGC	**5899**	Sb-c	15 15 03.3	+42 02 57	Boo	3.0	12.5	78

N	318	DS	102x	5m2	3-4										

NGC	**5900**	Sb	15 15 05.2	+42 12 32	Boo	1.40	14.9	78

N	317	WK	170x	6m0	4										

NGC	**5905**	SBb	15 15 23.3	+55 31 02	Dra	4.2	12.9	50

N	155	SK	126x	6m2	3			N	200	HZ	80x		3		
N	200	GK	91x	5m8	3			N	317	WK	93x	4m8	4		
N	317	TJ	177x	5m5	3			N	368	RV	230x	5m5	3		

NGC	**5907**	Sb-c	15 15 53.8	+56 19 47	Dra	12	11.1	50

A	7	PI	1x	6m3	1			R	63	KV	34x	5m0	4		
B	80	HZ	30x	6m2	4			R	80	HZ	50x	6m5	3-4		
N	114	DB	36x	5m5	4-5			N	114	DK	56x	5m0	4		
N	114	RS	56x	6m0	3-4			S	125	FB	63x	5m6	3-4		
S	125	FB	50x	6m3	3			N	140	RH	50x	5m5	5		
N	150	MB	48x	5m5	4			S	200	PE	49x	5m0	3		
N	200	HZ			3			N	200	KV	120x	5m0	3		
S	200	MC	50x	5m2	3			N	200	GK	91x	5m8	3	s	
S	203	PK	60x		4			M	228	GI	124x	5m0	5		
N	250	SB	100x	5m3	2			N	317	WK	93x	4m8	3		
N	317	TJ	100x	5m5	2			N	400	CF	141x	5m7	1	s	
N	508	AS	341x	6m2	1										

PGC	**54515**	S	15 16 38.7	+41 01 49	Boo	0.5	15.5	78

N	317	WK	214x	5m8	4-5										

NGC	**5908**	Sb	15 16 43.1	+55 24 32	Dra	3.2	12.8	50

N	155	SK	126x	6m2	3			N	200	HZ	80x		3		
N	200	GK	91x	5m8	3			N	317	WK	93x	4m8	3		
N	317	TJ	177x	5m5	3			N	368	RV	230x	5m5	3		

NGC	**5898**	E1/P	15 18 13.6	-24 05 53	Lib	1.7	12.4	154

N	317	WK	170x	5m0	3-4			N	508	AS	140x	4m5	3		

NGC	**5903**	E1	15 18 36.5	-24 04 08	Lib	3.20	12.2	334

N	317	WK	170x	5m0	4			N	508	AS	140x	4m5	3		

NGC	**5910**	E	15 19 24.7	+20 53 44	Ser	0.60	14.3	154

N	317	WK	170x	5m8	3-4										

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**54804**	E M	15 21 30.4	+21 11 24	Ser		15.5	154

N	317	WK	170x	5m8	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5921**	SBb-c	15 21 56.3	+05 04 11	Ser	4.9	11.5	244

B	80	HZ	30x	5m8	4-5		S	200	PE	78x	5m5	4	
N	200	HZ	100x	5m8	3		N	250	SB	150x	5m9	3	
N	317	TJ	100x	4m5	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5926**	C M	15 23 25.0	+12 42 55	Ser	0.90	14.7	199

N	317	WK	170x	6m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5929**	Sa-b/P	15 26 06.1	+41 40 14	Boo	0.90	15.0	78

N	317	WK	214x	6m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5930**	SBb/P	15 26 08.0	+41 40 31	Boo	1.80	13.0	78

N	317	WK	214x	6m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5949**	Sc	15 28 00.7	+64 45 45	Dra	2.20	12.9	28

S	203	PK	60x		4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5934**	C M	15 28 12.6	+42 55 45	Boo	0.70	14.7	78

N	317	WK	170x	6m0	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5935**	C M	15 28 16.6	+42 56 39	Boo	0.70	14.8	78

N	317	WK	170x	6m0	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5943**	L	15 29 44.0	+42 46 41	Boo	1.30	14.8	78

N	317	WK	170x	6m0	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5945**	SBa	15 29 44.9	+42 55 07	Boo	2.10	14.9	78

N	317	WK	170x	6m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5947**	SBb	15 30 36.6	+42 43 01	Boo	1.20	14.5	78

N	317	WK	170x	6m0	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5950**	Sb	15 31 30.6	+40 25 48	Boo	1.50	14.6	78

N	317	WK	170x	6m0	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5958**	S	15 34 49.1	+28 39 17	CrB	1.0	13.4	112

S	200	PE	110x	5m1	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**4553**	P	15 34 57.2	+23 30 07	Ser	1.8	14.0	154

N	317	WK	214x	5m6	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5956**	S	15 34 58.5	+11 44 59	Ser	1.6	13.2	199

N	200	HZ	100x	5m8	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5961**	P	15 35 16.2	+30 51 49	CrB	0.80	14.4	112

N	317	WK	170x	6m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5957**	SBb	15 35 23.1	+12 02 50	Ser	2.6	14.7	199

N	200	HZ	100x	5m8	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5966**	E	15 35 52.2	+39 46 07	Boo	1.80	13.3	78

N	317	WK	170x	6m0	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**55551**	E	15 35 52.9	+57 54 09	Dra		15.2	51

N	317	WK	312x	5m5	5	p							

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**4563**	S	15 36 03.5	+39 49 52	Boo	1.80	15.1	79

N	317	WK	170x	6m0	4-5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5962**	Sc	15 36 31.6	+16 36 26	Ser	2.8	12.0	199

S	200	PE	110x	5m7	3-4		N	200	HZ	120x		3-4	
M	228	GI	124x	4m9	5		N	318	DS	102x	5m6	3	
N	318	DS	102x	5m0	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**55595**	C M	15 36 39.0	+54 33 15	Dra		15.2	51

N	317	WK	312x	6m0	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5976**	L	15 36 47.8	+59 23 52	Dra	0.80	15.7	51

S	254	TE	333x	6m5	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**9934**	Sba-b	15 36.0	+59 34	Dra	1.2	15.4	51

S	254	TE	375x	6m5	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5981**	Sb-c	15 37 53.4	+59 23 27	Dra	2.8	13.9	51

S	200	PE	78x	5m0	7		N	200	KV	75x	5m0	4	
N	200	HZ	120x	5m8	4-5		N	200	GK	57x	5m8	5	
N	203	KV	200x	6m0	4		N	250	SB	100x	5m7	4	
S	254	DS	167x	5m4	4-5		N	317	WK	93x	4m8	4-5	
N	317	TJ	230x	5m5	4-5		N	320	PI	144x	6m3	4	
N	360	RS	200x		3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5970**	Sc	15 38 30.0	+12 11 09	Ser	3.0	12.2	199

S	200	PE	110x	5m7	3	s	N	200	HZ	80x		3	
N	318	DS	102x	5m5	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5982**	E3/P	15 38 40.0	+59 21 20	Dra	2.9	12.0	51

B	80	HZ	30x	6m2	5		S	200	PE	78x	5m0	3	
N	200	KV	75x	5m0	3		N	200	HZ	120x	5m8	3	
N	200	GK	57x	5m8	3		N	203	KV	200x	6m0	3	
S	203	PK	60x		3		N	250	SB	150x	5m7	3	
S	254	DS	125x	5m4	3		N	317	WK	93x	4m8	3	
N	317	TJ	230x	5m5	3		N	320	PI	144x	6m3	3	
N	360	RS	200x		3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5974**	P	15 39 02.3	+31 45 33	CrB	0.6	14.7	113

N	317	WK	170x	6m0	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5985**	Sb	15 39 37.1	+59 19 53	Dra	5.5	11.9	51

B	80	HZ	30x	6m2	5		S	125	FB	50x	6m3	4	
S	200	PE	78x	5m0	4		N	200	KV	75x	6m0	3	
N	200	HZ	120x	5m8	3-4		N	200	GK	57x	5m8	2	
S	203	PK	60x		4		N	250	SB	150x	5m7	2-3	
S	254	DS	125x	5m4	3-4		N	317	WK	93x	4m8	3-4	
N	317	TJ	230x	5m5	3		N	320	PI	144x	6m3	3	
N	360	RS	200x		2-3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5987**	Sb	15 39 56.9	+58 04 45	Dra	4.20	12.7	51

N	317	WK	170x	5m8	3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5989**	Sc	15 41 32.4	+59 45 16	Dra	0.90	13.7	51

N	320	PI	144x	6m3	2								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5992**	S M	15 44 21.5	+41 05 07	Boo	0.90	14.3	79

N	317	WK	170x	5m3	4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5993**	SBb	15 44 27.6	+41 07 13	Boo	1.20	14.0	79

N	317	WK	170x	5m3	3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5994**	SB M	15 46 53.2	+17 52 21	Ser	0.5	15.9	154

N	317	WK	312x	5m6	5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**5996**	SB	15 46 58.9	+17 53 00	Ser	1.8	13.2	154

N	317	WK	312x	5m6	4								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6003**	L	15 49 25.6	+19 01 55	Ser	0.90	14.4	155
N 508 AS 183x 6m3 3								
NGC	**6004**	SBc	15 50 22.8	+18 56 20	Ser	1.80	13.3	155
N 508 AS 140x 6m3 3								
NGC	**6015**	Sc	15 51 25.4	+62 18 29	Dra	5.4	11.7	28
S 200 PE 70x 5m5 4								
N 200 GK 57x 5m8 4								
S 254 DS 125x 5m4 3-4								
N 200 KV 120x 5m0 3-4								
S 203 PK 60x 4								
NGC	**6013**	SBb	15 52 52.9	+40 38 46	Her	1.4	14.4	79
N 317 WK 170x 6m2 3-4								
NGC	**6020**	E3	15 57 08.1	+22 24 16	Ser	1.7	14.4	155
S 200 PE 110x 5m3 5								
NGC	**6048**	E2	15 57 30.2	+70 41 18	UMi	2.20	13.3	28
N 200 GK 57x 5m8 5								
NGC	**6027A**	E0	15 59 11.2	+20 45 18	Ser	0.5	14.7	155
S 200 PE 110x 5m5 4								
N 320 PI 144x 6m2 4								
N 508 AS 341x 6m3 4								
N 317 WK 312x 5m8 5								
N 440 SK 415x 6m4 4-6								
NGC	**6027E**	E0	15 59 11.2	+20 45 18	Ser	0.70	14.7	155
N 320 PI 144x 6m2 4								
NGC	**6030**	L	16 01 51.3	+17 57 25	Her	1.0	13.8	155
N 317 WK 214x 5m7 4								
NGC	**6035**	SBc	16 03 24.1	+20 53 25	Her	0.90	14.3	155
N 317 WK 170x 5m6 4-5								
NGC	**6034**	E	16 03 32.0	+17 11 53	Her	1.00	14.6	155
N 317 WK 170x 6m0 4								
NGC	**6040**	SBc/P	16 04 26.6	+17 44 57	Her	1.3	14.6	155
N 317 WK 170x 6m0 4								
NGC	**6079**	E	16 04 28.7	+69 39 56	Dra	1.40	13.7	28
N 200 GK 90x 5m8 5								
NGC	**6041**	LB M	16 04 35.0	+17 43 00	Her	1.6	16.7	155
N 317 WK 170x 6m0 4								
NGC	**6042**	C	16 04 39.6	+17 41 59	Her	0.7	14.9	155
N 317 WK 170x 6m0 5								
NGC	**6051**	E4	16 04 56.6	+23 55 54	Ser	1.9	14.2	155
N 317 WK 170x 5m6 4-5								
NGC	**6044**	L	16 04 59.6	+17 52 11	Her	0.5	15.2	155
N 317 WK 214x 6m2 5								
NGC	**6045**	Sb	16 05 08.0	+17 45 27	Her	1.0	14.8	155
N 317 WK 214x 6m2 5								
NGC	**6047**	L	16 05 09.0	+17 43 45	Her	1.3	14.7	155
N 317 WK 312x 6m2 6								
NGC	**6052**	Sc/P	16 05 12.6	+20 32 29	Her	1.0	14.5	155
N 317 WK 170x 5m6 3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6056**	L M	16 05 31.1	+17 57 44	Her	0.9	15.0	155
N 317 WK 214x 6m2 4-5								
NGC	**6055**	LBR	16 05 32.7	+18 09 32	Her	1.0	15.0	155
N 317 WK 170x 6m2 4-5								
IC	**1182**	P	16 05 36.7	+17 48 08	Her	1.30	16.1	155
N 317 WK 312x 6m2 5-6								
IC	**1183**	LB M	16 05 38.1	+17 46 01	Her	1.30	15.3	155
N 317 WK 312x 6m2 5-6								
NGC	**6057**	C	16 05 39.5	+18 09 51	Her	0.6	16.4	155
N 317 WK 214x 6m2 5								
IC	**1185**	Sa-b	16 05 44.6	+17 43 00	Her	0.8	15.1	155
N 317 WK 214x 6m2 4-5								
UGC	**10200**	Sab	16 05.7	+41 21	Her	0.7	12.9	79
N 317 WK 312x 5m6 4-5								
IC	**1189**	SBR	16 06 14.6	+18 10 55	Her	1.00	15.4	155
N 317 WK 312x 6m2 5								
NGC	**6061**	L	16 06 16.1	+18 14 58	Her	1.0	14.6	155
N 317 WK 170x 6m2 4-5								
UGC	**10214**	SBc	16 06.1	+55 25.5	Dra	3.6	14.3	51
N 609 SK 525x 6m5 4 s								
NGC	**6070**	Sc	16 09 58.6	+00 42 34	Ser	3.6	12.5	245
S 200 PE 110x 5m5 4								
N 317 TJ 62x 5m0 4								
N 200 HZ 100x 6m0 3-4								
NGC	**6073**	Sc	16 10 10.9	+16 41 58	Her	1.1	14.3	155
N 317 WK 214x 5m7 4								
NGC	**6088**	S M	16 10 42.4	+57 27 56	Dra	0.40	16.8	51
N 317 WK 170x 6m0 4								
NGC	**6095**	L	16 11 11.0	+61 16 03	Dra	1.80	13.7	28
N 317 WK 170x 5m5 4								
NGC	**6074**	E	16 11 16.8	+14 15 16	Her	0.2	17.1	200
N 400 CF 240x 6m3 4								
NGC	**6090**	P	16 11 40.7	+52 27 26	Dra	1.70	13.9	51
N 317 WK 170x 5m6 3-4								
NGC	**6078**	E	16 12 05.4	+14 12 32	Her		14.8	200
N 400 CF 240x 6m3 4								
NGC	**6085**	Sa	16 12 35.1	+29 21 54	CrB	1.5	15.2	113
N 317 WK 312x 5m8 5								
N 317 WK 170x 6m2 4								
NGC	**6086**	E2	16 12 35.6	+29 29 04	CrB	1.8	13.9	113
N 317 WK 170x 6m2 4								
IC	**1215**	SB/P	16 15 35.0	+68 23 48	Dra	3.10	14.1	29
N 317 WK 170x 6m2 4								
IC	**1216**	Sc	16 15 55.3	+68 20 56	Dra	3.10	14.8	29
N 317 WK 170x 6m2 4-5								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6104**	P	16 16 30.6	+35 42 25	CrB	0.80	14.2	113
N 317 WK 170x 6m0 3-4								
IC	**1218**	S	16 16 37.3	+68 12 09	Dra	3.10	14.5	29
N 317 WK 170x 6m2 4								
PGC	**57698**	S	16 16 49.9	+35 42 06	Crb	0.5	15.4	113
N 317 WK 170x 6m0 4								
NGC	**6100**	L	16 16 52.3	+00 50 26	Ser	1.80	14.3	245
N 200 HZ 120x 6m0 5								
PGC	**57715**	S	16 17 08.2	+59 46 43	Dra	1.1	14.1	51
N 317 WK 312x 5m5 4-5 p								
NGC	**6105**	C M	16 17 09.2	+34 52 44	CrB	0.60	15.7	113
N 317 WK 170x 6m0 4								
NGC	**6123**	L	16 17 19.6	+61 56 19	Dra	0.80	14.6	29
N 317 WK 170x 5m5 4-5								
NGC	**6107**	C M	16 17 20.1	+34 54 06	CrB	0.90	14.8	113
N 317 WK 170x 6m0 4								
NGC	**6108**	S M	16 17 25.5	+35 08 07	CrB	0.70	15.3	113
N 317 WK 170x 6m0 4								
NGC	**6109**	C M	16 17 40.5	+35 00 13	CrB	1.00	14.0	113
N 317 WK 170x 6m0 4								
NGC	**6112**	C M	16 18 00.5	+35 06 37	CrB	0.50	15.4	113
N 317 WK 170x 6m0 4								
NGC	**6106**	Sb-c	16 18 47.0	+07 24 38	Her	2.6	12.9	201
N 317 TJ 62x 5m5 4								
NGC	**6116**	Sb	16 18 54.5	+35 09 12	CrB	1.10	15.1	113
N 317 WK 170x 6m0 4								
NGC	**6127**	C	16 19 11.2	+57 59 03	Dra	1.40	13.0	51
N 200 GK 57x 5m8 3				N 317 WK 170x 6m0 3				
NGC	**6117**	Sc	16 19 18.2	+37 05 41	CrB	1.20	14.5	113
N 317 WK 170x 6m0 5								
NGC	**6130**	SBb-c	16 19 33.5	+57 36 52	Dra	1.00	14.2	51
N 317 WK 170x 6m0 3-4								
NGC	**6119**	S	16 19 42.0	+37 48 22	CrB	0.9	15.4	114
N 203 KV 200x 6m5 6								
NGC	**6120**	P	16 19 48.1	+37 46 25	CrB	0.60	14.5	113
N 317 WK 170x 6m0 3-4								
NGC	**6122**	L	16 20 09.4	+37 47 53	CrB	0.90	15.9	114
N 317 WK 170x 6m0 4-5								
NGC	**6140**	SBc/P	16 20 57.0	+65 23 22	Dra	6.2	11.9	29
N 203 RH 120x 6m5 4								
NGC	**6126**	C M	16 21 27.8	+36 22 36	CrB	0.80	15.1	114
N 317 WK 170x 5m5 3								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6129**	S	16 21 43.2	+37 59 45	CrB	0.70	15.3	114
N 317 WK 170x 6m0 3-4								
NGC	**6118**	Sb	16 21 48.7	-02 17 03	Ser	4.7	12.4	246
N 200 HZ 100x 6m0 3-4				N 317 TJ 62x 5m5 5				
NGC	**6137**	E4	16 23 03.1	+37 55 19	CrB	1.90	13.5	114
N 317 WK 170x 6m0 3-4								
NGC	**6142**	Sb	16 23 21.0	+37 15 28	CrB	2.00	14.6	114
N 317 WK 170x 6m0 4-5								
PGC	**58008**	C M	16 23 45.5	+41 04 50	Her	0.2	15.8	79
N 317 WK 312x 6m0 5								
NGC	**6138**	S	16 24 54.1	+41 03 00	Her	0.90	15.0	79
N 317 WK 170x 6m0 5								
NGC	**6147**	S	16 25 01.6	+40 55 13	Her	0.2	17.0	79
N 317 WK 170x 6m0 3								
NGC	**6145**	S	16 25 02.4	+40 56 45	Her	0.9	15.1	79
N 317 WK 214x 6m0 5				N 400 CF 240x 6m0 3				
NGC	**6141**	S	16 25 05.8	+40 55 40	Her	0.40	16.0	80
N 317 WK 170x 6m0 4-5								
NGC	**6146**	E	16 25 10.2	+40 53 31	Her	1.3	13.5	80
N 317 WK 170x 6m0 3				N 400 CF 141x 5m7 3				
NGC	**6150**	E	16 25 49.9	+40 29 18	Her		14.9	80
N 317 WK 170x 6m0 3-4				N 400 CF 240x 6m0 3				
NGC	**6150 B**	E?	16 25.7	+40 29	Her	0.5	14.0	80
N 400 CF 240x 6m0 4								
PGC	**58121**	S	16 26 21.7	+40 54 42	Her	0.8	15.5	80
N 317 WK 312x 5m5 5				N 400 CF 240x 6m0 4				
PGC	**58135**	SBR	16 26 39.7	+40 28 41	Her	0.8	14.9	80
N 317 WK 170x 6m0 3 f								
PGC	**58143**	C	16 26 46.9	+40 41 20	Her		16.0	80
N 317 WK 312x 6m0 5								
NGC	**6149**	L	16 27 24.3	+19 35 49	Her	0.9	14.6	156
N 317 WK 93x 5m8 4								
NGC	**6159**	L	16 27 25.1	+42 40 47	Her	1.1	14.3	79
N 400 CF 141x 5m7 3-4								
NGC	**6176**	E	16 27 36.4	+59 33 45	Dra	0.50	15.2	51
N 317 WK 170x 5m5 4-5								
NGC	**6158**	C	16 27 40.9	+39 22 58	Her		14.8	114
N 317 WK 170x 6m2 4								
NGC	**6160**	E2	16 27 41.1	+40 55 37	Her	1.8	14.3	80
N 317 WK 170x 6m0 3-4				N 400 CF 240x 5m7 3				
UGC	**10415**	Sb/SBb	16 27.4	+41 24	Her	1.0	14.8p	80
N 317 WK 170x 6m0 4-5				N 400 CF 141x 5m7 3				

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6161**	Im	16 28 20.6	+32 48 35	Her	0.8	15.6	114
N 317 WK 214x 5m8 5				N 317 WK 170x 6m2 4				
NGC	**6162**	E3	16 28 22.3	+32 50 57	Her	1.0	15.6	114
N 317 WK 214x 5m8 4-5								
PGC	**58264**	L	16 28 38.0	+41 09 51	Her	0.5	15.4	80
N 317 WK 170x 6m0 5				N 400 CF 240x 5m7 5				
NGC	**6166**	E2/P	16 28 38.5	+39 33 03	Her	2.4	12.9	80
S 200 PE 78x 5m3 5				N 254 RV 140x 4m8 6-7				
S 280 PP 117x 6m5 2				N 317 WK 214x 5m7 3-4				
PGC	**58266**		16 28 39.5	+41 06 40	Her	0.2	15.8	80
N 317 WK 170x 6m0 5								
PGC	**58268**		16 28 41.6	+41 08 14	Her		15.5	80
N 317 WK 170x 6m0 5								
UGC	**10423**		16 28.3	+41 43	Her	1.0	16.0p	80
N 400 CF 240x 5m7 4								
UGC	**10407**		16 28.5	+41 13	Her	0.6	14.3	80
N 317 WK 170x 6m0 4-5				N 400 CF 240x 5m7 3				
UGC	**10427**	SBc	16 28.7	+41 13	Her	1.5	15.4p	80
N 400 CF 141x 5m7 3-4								
UGC	**10430**	S	16 28.9	+41 36	Her	1.1	15.4p	80
N 400 CF 141x 5m7 3								
PGC	**58334**	C	16 29 23.8	+40 52 30	Her	0.7	15.3	80
N 317 WK 170x 6m0 4-5				N 400 CF 240x 5m7 4				
NGC	**6173**	E3	16 29 45.0	+40 48 38	Her	1.9	13.2	80
S 200 PE 200x 5m3 4				N 317 WK 170x 5m5 3				
N 400 CF 240x 5m7 3								
PGC	**58354**	S	16 29 48.3	+67 22 41	Dra	0.7	15.3	29
N 317 WK 312x 6m2 4-5								
NGC	**6175**	L	16 29 57.4	+40 37 47	Her	1.4	14.7	80
N 317 WK 170x 5m5 4				N 400 CF 240x 5m8 2-3 s				
UGC	**10436**	Sc	16 29.4	+41 16	Her	1.4	14.8p	80
N 317 WK 170x 5m5 4-5				N 400 CF 240x 5m7 3-4				
PGC	**58382**		16 30 30.5	+39 37 35	her		15.6	80
N 317 WK 170x 5m6 4-5								
NGC	**6180**	C	16 30 33.9	+40 32 21	Her	0.60	15.1	80
N 317 WK 170x 5m5 4								
UGC	**10429**		16 30.6	+39 51	Her	1.1	15.3	80
N 317 WK 170x 5m6 4-5								
PGC	**58413**	S	16 31 06.2	+39 47 37	Her	0.8	15.4	80
N 317 WK 170x 5m6 4								
NGC	**6189**	Sc	16 31 40.7	+59 37 34	Dra	1.90	13.3	52
N 317 WK 170x 5m5 4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**58436**	S	16 31.6	+14 29	Her	0.6	15.5p	80
N 400 CF 240x 6m4 4								
NGC	**6190**	Sc	16 32 06.4	+58 26 19	Dra	1.40	13.2	52
N 200 GK 57x 5m8 5								
NGC	**6181**	Sc	16 32 20.7	+19 49 30	Her	2.6	12.5	156
S 200 PE 110x 5m3 4				S 200 JL 100x 5m0 3				
S 203 DS 102x 5m4 4				N 317 WK 93x 5m8 3				
N 317 TJ 230x 5m0 4								
NGC	**6251**	E	16 32 31.8	+82 32 16	UMi	1.80	13.9	11
N 150 WK 45x 5m4 4-5								
NGC	**6217**	Sc	16 32 38.7	+78 11 55	UMi	3.1	11.8	11
N 150 WK 45x 5m4 3				S 200 PE 49x 5m0 3				
S 254 DS 125x 5m6 3				N 254 JM 181x 5m3 4				
N 317 TJ 177x 5m0 4				N 318 DS 76x 5m4 2-3				
N 320 PI 250x 6m2 2								
NGC	**6185**	S	16 33 17.8	+35 20 30	Her	1.1	14.4	114
N 317 WK 214x 6m0 3-4								
NGC	**6186**	SBa	16 34 25.4	+21 32 27	Her	1.6	14.0	156
N 317 WK 93x 5m8 3-4								
NGC	**6195**	Sb	16 36 32.6	+39 01 40	Her	1.5	13.9	114
N 317 WK 170x 6m2 4								
NGC	**6194**	C	16 36 37.0	+36 12 00	Her	0.6	14.6	114
N 200 HZ 120x 6m8 4-5				N 254 DB 86x 6m0 4				
N 317 WK 214x 6m0 3-4								
IC	**4614**	S R	16 37 47.2	+36 06 51	Her	0.8	15.4	114
N 200 HZ 190x 6m3 5				N 317 WK 170x 5m6 5				
NGC	**6196**	L/P	16 37 53.8	+36 04 21	Her	1.4	14.0	114
N 200 HZ 120x 6m2 4-5				N 254 DB 86x 6m0 4				
N 317 WK 214x 6m0 4								
NGC	**6197**	L	16 37 59.8	+35 59 43	Her	0.70	15.4	114
N 317 WK 170x 5m6 4-5								
NGC	**6211**	LB/P	16 41 27.6	+57 47 00	Dra	1.6	13.6	52
N 317 WK 170x 6m2 3-4								
NGC	**6213**	S	16 41 37.3	+57 48 52	Dra	0.7	15.7	52
N 317 WK 170x 6m2 4-5								
PGC	**58777**	S	16 41.6	+40 09	Her		15.2	80
N 400 CF 240x 6m2 3-4								
UGC	**10512**	E	16 41.7	+39 59	Her	1.1	14.6p	80
N 400 CF 240x 6m2 3-4								
IC	**4617**	Sb	16 42 08.1	+36 41 01	Her		16.0	114
N 317 WK 312x 6m0 6				N 400 RS 240x 4				
N 400 CF 240x 6m3 4-5				N 440 SK 415x 6m7 5				

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6207**	Sc	16 43 03.7	+36 49 53	Her	3.0	12.1	114

A	7	PI	1x	6m3	3		N	114	DK	56x	5m3	5
N	114	DB	36x	5m5	4		N	140	RH	100x	6m0	5-6
R	150	DS	80x	5m5	3-4		S	200	PE	49x	5m0	3
S	200	JL	100x	5m0	3		S	200	DK	148x	4m7	3
S	200	MC	133x	5m1	3-4		N	200	HZ	100x		3
N	200	DP	102x	6m0	3		S	200	HM	95x	4m4	4
S	203	DS	102x	5m5	3		N	210	PA	137x	6m3	3
M	228	GI	124x	6m0	3		M	228	GI	78x	4m7	5-6
M	228	GI	78x	4m9	6	DSF	S	250	FB	96x	5m1	3
N	250	SB	221x	5m3	3		N	254	JM	181x	5m8	3-4
S	280	FD	140x	6m3	2		N	300	HT	90x	6m7	2
N	317	WK	93x	6m0	3		N	320	PI	144x	6m0	3
N	400	CF	240x	6m3	2		N	430	AS	141x	5m8	2

NGC	**6223**	P	16 43 04.2	+61 34 41	Dra	3.4	12.7	29				
S	200	PE	78x	5m3	4		N	317	WK	170x	5m2	3
N	400	DP	82x	6m5	4							

NGC	**6232**	SBa	16 43 19.9	+70 37 55	Dra	1.60	13.4	29
N	317	WK	170x	6m0	4			

NGC	**6212**	C	16 43 23.2	+39 48 24	Her	0.6	15.1	80
N	317	WK	170x	5m8	5			
N	400	CF	240x	6m2	3			

NGC	**6226**	P	16 43 23.2	+61 58 59	Dra	0.80	14.0	29
N	317	WK	170x	5m2	4			

NGC	**6236**	SBc	16 44 34.3	+70 46 46	Dra	3.0	12.6	29
S	200	PE	78x	5m3	4			

PGC	**58867**	S	16 44.2	+39 45	Her	0.8	15.0p	80
N	400	CF	240x	6m2	4			

NGC	**6220**	S	16 47 13.2	-00 16 32	Oph	1.70	14.7	246
N	320	PI	144x	5m3	3			

NGC	**6238**	S+C	16 47 15.9	+62 08 49	Dra	0.60	14.6	29
N	317	WK	170x	5m2	4-5			

NGC	**6244**	SBa	16 48 03.9	+62 12 00	Dra	1.60	14.4	29
N	317	WK	170x	5m2	4-5			

PGC	**59021**	C	16 48 17.5	+35 54 00	Her		15.2	114
N	317	WK	170x	5m5	4-5			

NGC	**6247**	P	16 48 19.4	+62 58 36	Dra	1.00	13.7	29
N	317	WK	170x	5m8	3			

UGC	**10567**		16 49.1	+36 13	Her	1.1	15.2	114
N	317	WK	170x	5m5	5			

NGC	**6239**	Sb	16 50 05.2	+42 44 21	Her	2.8	12.9	80
S	203	DS	102x	5m5	5			
N	317	TJ	230x	5m0	4			
N	317	WK	93x	5m7	3			
N	318	DS	102x	5m9	3-4			

NGC	**6241**	S	16 50 11.0	+45 25 14	Her	0.8	14.8	80
N	317	WK	214x	5m7	4			
N	360	RS	200x		3			

UGC	**10583**	Sba	16 50.2	+53 34	Dra	1.2	15.5	52
N	317	WK	170x	6m2	4-5			

UGC	**10586**		16 50.8	+45 24	Her	1.6	14.6	80
N	317	WK	170x	5m8	5			

IC	**1235**	S	16 52 03.1	+63 06 56	Dra	1.00	14.9	29
N	317	WK	170x	5m8	4-5			

NGC	**6275**	P	16 55 33.6	+63 14 32	Dra	0.40	15.1	29
N	317	WK	170x	5m8	4-5			

NGC	**6261**	L	16 56 30.4	+27 58 39	Her	1.20	15.4	157
N	317	WK	170x	5m5	4			

NGC	**6263**	E	16 56 43.1	+27 49 19	Her	0.90	15.1	157
N	317	WK	170x	5m5	4			

NGC	**6264**	S	16 57 16.1	+27 50 56	Her	0.70	15.5	157
N	317	WK	170x	5m5	5			

PGC	**59307**	S	16 57 18.3	+28 11 15	Her	0.4	15.6	114
N	317	WK	312x	5m5	4-5	f		

NGC	**6288**	E	16 57 24.3	+68 27 25	Dra	0.40	15.5	29
N	317	WK	170x	5m8	4-5			

NGC	**6265**	L	16 57 29.0	+27 50 39	Her	0.80	15.5	157
N	317	WK	170x	5m5	4			

NGC	**6289**	E	16 57 43.9	+68 30 31	Dra	0.40	15.5	29
N	317	WK	170x	5m8	5			

NGC	**6269**	E	16 57 58.0	+27 51 16	Her	2.00	14.3	157
N	317	WK	170x	5m5	3			

NGC	**6285**	L/P	16 58 23.9	+58 58 19	Dra	1.2	14.5	52
N	317	WK	170x	6m2	5			

NGC	**6286**	Sb/P	16 58 31.8	+58 56 14	Dra	1.3	14.1	52
N	317	WK	170x	6m2	4-5			

NGC	**6271**	S	16 58 58.2	+27 55 49	Her	0.50	15.8	157
N	317	WK	170x	5m5	4			

UGC	**10635**		16 58.0	+38 12	Her	0.7	13.5	80
N	317	WK	312x	5m6	2-3	f		

UGC	**10646**	E	16 58.5	+59 08	Dra	1.4	15.0	52
N	317	WK	170x	6m2	4			

NGC	**6279**	LB	16 59 01.3	+47 14 14	Her	1.0	14.9	80
N	317	WK	214x	5m7	4-5			

NGC	**6272**	S	16 59 03.2	+27 54 55	Her		16.0	114
N	203	KV	200x	6m5	4			

NGC	**6274**	S	16 59 20.4	+29 56 45	Her	0.60	14.5	114
N	317	WK	170x	5m8	4-5			

NGC	**6282**	S/P	17 00 47.0	+29 49 11	Her	0.70	15.2	115
N	317	WK	170x	5m8	4-5			

NGC	**6291**	SB	17 00 56.0	+58 56 14	Dra	0.7	14.9	52
N	317	WK	170x	6m2	4-5			

NGC	**6290**	SBa	17 00 56.4	+58 58 13	Dra	1.1	14.4	52
N	317	WK	170x	6m2	4-5			

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**10654**	SO-a	17 00.5	+29 44	Her	1.0	15.5	115
N 317 WK 312x 5m8 4-5								
PGC	**59440**	S	17 01 07.7	+29 24 28	Her	0.3	16.1	115
N 317 WK 312x 5m8 5								
PGC	**59476**		17 02 24.1	+61 09 49	Dra	0.4	15.6	29
N 317 WK 312x 6m0 5								
NGC	**6292**	Sb-c	17 03 03.5	+61 02 36	Dra	1.60	14.3	29
N 317 WK 170x 6m2 4-5								
NGC	**6303**	E	17 05 02.8	+68 49 38	Dra	1.30	14.8	29
N 317 WK 170x 5m8 4								
NGC	**6324**	S/P	17 05 25.3	+75 24 26	UMi	1.00	13.7	11
N 150 GK 187x 5m5 5								
N 317 WK 170x 5m5 4								
NGC	**6306**	SBa-b/	17 07 36.9	+60 43 43	Dra	1.00	14.6	52
N 317 WK 170x 6m2 4								
NGC	**6307**	SBa/P	17 07 40.4	+60 45 00	Dra	1.30	13.8	52
N 317 WK 170x 6m2 3								
NGC	**6310**	Sb	17 07 57.3	+60 59 23	Dra	1.90	13.9	52
N 317 WK 170x 6m2 3-4								
NGC	**6301**	Sc	17 08 32.7	+42 20 19	Her	2.30	14.2	80
N 317 WK 170x 5m4 3								
IC	**1251**	Sc	17 10 12.9	+72 24 33	Dra	1.5	14.2	29
N 317 WK 170x 6m2 5								
NGC	**6340**	Sa/P	17 10 23.9	+72 18 15	Dra	3.4	11.9	12
N 150 GK 85x 5m5 3								
S 200 PE 200x 5m3 3								
N 200 HZ 120x 5m8 3								
N 200 GK 170x 5m6 3								
S 254 DS 125x 5m5 3								
N 317 WK 170x 6m2 2								
NGC	**6311**	E	17 10 43.5	+41 39 02	Her	1.10	14.6	80
N 317 WK 170x 5m4 3								
NGC	**6312**	C	17 10 48.1	+42 17 15	Her	0.70	14.9	80
N 317 WK 170x 5m4 4								
IC	**1254**	SB	17 11 33.3	+72 24 04	Dra	1.6	14.9	29
N 317 WK 170x 6m2 5								
UGC	**10473**	Sa?	17 11.5	+07 59	Oph	1.1	14.7p	202
N 200 HZ 120x 6m8 5								
NGC	**6314**	Sa	17 12 38.7	+23 16 12	Her	1.8	14.3	157
N 200 GK 57x 5m8 5								
PGC	**59839**	C M	17 12 41.6	+72 31 41	Dra		16.6	12
N 317 WK 312x 6m2 5								
PGC	**59844**	C M	17 12 47.7	+72 30 37	Dra	0.3	15.9	12
N 317 WK 312x 6m2 5								
NGC	**6320**	Sb-c	17 12 55.6	+40 16 00	Her	1.20	14.7	81
N 317 WK 170x 5m6 4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6323**	Sa-b	17 13 17.9	+43 46 54	Her	1.10	14.8	81
N 400 CF 141x 6m3 3								
NGC	**6327**	C	17 14 02.2	+43 38 54	Her	0.2	16.0	80
N 317 WK 170x 6m0 5								
N 400 DP 225x 6m5 4								
NGC	**6329**	E	17 14 15.1	+43 41 04	Her	1.1	13.9	80
N 317 WK 170x 6m0 3								
N 400 DP 225x 6m5 4-5								
N 400 CF 141x 6m3 2-3								
NGC	**6332**	Sa	17 15 02.7	+43 39 35	Her	1.2	14.5	80
N 317 WK 170x 5m5 4								
N 317 WK 170x 6m0 3-4								
N 400 DP 225x 6m5 4								
N 400 CF 141x 6m3 3								
NGC	**6338**	L	17 15 22.6	+57 24 39	Dra	1.50	13.5	52
N 317 WK 170x 5m5 3								
NGC	**6345**	S	17 15 23.9	+57 21 00	Dra	0.80	15.4	52
N 317 WK 170x 5m5 4-5								
NGC	**6346**	E	17 15 24.3	+57 19 21	Dra	0.50	15.6	52
N 317 WK 170x 5m5 4-5								
NGC	**6336**	SBa	17 16 16.5	+43 49 13	Her	0.90	14.5	81
N 317 WK 170x 6m0 4								
UGC	**10822**	Dwarf E	17 20 12.3	+57 54 55	Dra	35.8	11.7	52
N 320 PI 45x 6m2 6								
NGC	**6370**	E	17 23 25.1	+56 58 28	Dra	1.40	13.9	52
N 317 WK 170x 5m5 3								
IC	**1258**	C M	17 27 17.2	+58 29 05	Dra	0.50	14.4	52
N 317 WK 170x 5m8 4								
NGC	**6371**	S	17 27 20.6	+26 30 16	Her	0.80	15.2	158
N 317 WK 170x 6m0 4								
IC	**1259**	S M	17 27 24.5	+58 30 58	Dra	0.50	15.9	52
N 317 WK 170x 5m8 4								
IC	**1260**	C	17 27 31.6	+58 28 33	Dra	0.50	15.7	52
N 317 WK 170x 5m8 4								
NGC	**6372**	Sb/P	17 27 31.9	+26 28 27	Her	1.70	13.7	158
N 317 WK 170x 6m0 3-4								
NGC	**6385**	SBa	17 28 01.5	+57 31 17	Dra	1.30	14.0	52
N 317 WK 170x 5m5 3-4								
NGC	**6387**	C	17 28 23.9	+57 32 43	Dra	0.30	15.2	52
N 317 WK 170x 5m5 4								
NGC	**6391**	S	17 28 49.0	+58 51 01	Dra	0.50	15.0	52
N 317 WK 170x 5m8 4-5								
NGC	**6375**	E M	17 29 21.8	+16 12 24	Her	1.60	14.9	203
N 317 WK 170x 5m3 3-4								
NGC	**6412**	Sc	17 29 36.9	+75 42 15	Dra	2.3	12.3	12
N 200 GK 119x 5m6 5								
S 200 PE 78x 5m3 4								
S 254 DS 125x 5m5 4-5								
N 317 WK 170x 5m5 3-4								
N 317 TJ 230x 5m5 4								
N 320 PI 80x 6m2 3								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	6384	Sb	17 32 24.2	+07 03 37	Oph	6.0	11.2	203

R	63	KV	34x	5m0	5-6		B	80	PI	20x	6m0	3		
R	120	RS	102x		3-4		M	150	PI	38x	5m0	5		
N	150	GK	85x	6m5	5		N	155	SK	126x	5m0	5-6		
N	200	KV	48x	5m0	4		N	200	HZ	100x	5m8	4		
S	200	PE	49x	5m0	4		S	200	JL	64x	4m5	4		
M	228	GI	78x	4m9	6		S	250	FB	96x	5m1	3-4		
N	250	SB	139x	5m5	3		N	317	TJ	100x	4m5	3		
N	317	WK	93x	6m3	3-4		N	400	DP	62x	6m5	3		

NGC	6389	Sb-c	17 32 39.7	+16 24 05	Her	2.80	12.9	203

N	317	WK	170x	5m3	3-4

PGC	60517		17 34 33.0	+50 15 37	Her		15.1	53

N	317	WK	170x	6m0	4-5

PGC	60524		17 34 54.2	+50 45 20	Dra		15.4	53

N	317	WK	170x	6m0	4-5

NGC	6419	L	17 36 05.6	+68 09 19	Dra	1.00	15.5	30

N	317	WK	170x	5m8	4-5

NGC	6409	E	17 36 35.3	+50 45 57	Dra	0.50	14.8	53

N	317	WK	170x	6m0	4

NGC	6434	SBb-c	17 36 48.8	+72 05 16	Dra	2.30	13.2	30

N	317	WK	170x	5m8	4

NGC	6427	L	17 43 38.5	+25 29 36	Her	1.60	14.4	158

N	317	WK	170x	5m8	3

NGC	6429	SBa	17 44 05.3	+25 21 01	Her	1.80	14.2	158

N	317	WK	170x	5m8	3

NGC	6443	Sa-b	17 44 33.7	+48 06 50	Her	1.20	14.7	81

N	320	PI	430x	6m0	2

NGC	6454	S	17 44 56.5	+55 42 14	Dra	1.00	14.5	53

N	317	WK	170x	5m8	4

NGC	6447	SB M	17 46 17.1	+35 34 18	Her	1.6	13.7	116

N	317	WK	312x	5m8	4-5

NGC	6442	E	17 46 51.3	+20 45 40	Her	1.80	14.4	158

N	317	WK	170x	5m8	3-4

NGC	6466	S	17 48 08.0	+51 23 56	Dra	0.50	15.0	53

N	317	WK	170x	5m8	4

NGC	6479	Sc	17 48 21.7	+54 08 57	Dra	1.00	14.4	53

N	317	WK	170x	5m8	4-5

NGC	6478	Sb-c	17 48 38.3	+51 09 22	Dra	1.80	14.1	53

N	317	WK	170x	5m8	3-4

NGC	6458	L	17 49 10.9	+20 48 15	Her	1.30	15.1	158

N	317	WK	170x	5m8	4-5

NGC	6503	Sb	17 49 27.5	+70 08 35	Dra	6.2	10.9	30

B	80	HZ	30x	6m2	3		N	114	DK	56x	5m0	3		
N	114	RS	56x	6m0	3		S	125	FB	63x	5m6	3		
N	140	RH	100x	5m6	2		N	150	MB	48x		5		
N	150	MB	200x	5m5	3		N	200	HZ	40x	6m0	3		
S	200	PE	110x	5m5	2		S	200	MC	50x	5m4	2-3		
S	203	PK	60x		3		M	228	GI	148x		3		
N	250	SB	221x	5m5	2		N	254	RV	140x	4m8	2-3		
N	254	JM	42x	5m8	3		N	317	WK	93x	5m8	2		
N	318	DS	76x	5m4	2-3		N	320	PI	144x	6m0	2		
N	368	RV	230x	5m5	2		N	400	AT	57x	5m5	2		

NGC	6460	Sc	17 49 30.3	+20 45 49	Her	1.90	15.5	158

N	317	WK	170x	5m8	4

NGC	6508	C	17 49 46.3	+72 01 16	Dra	1.30	14.3	30

N	317	WK	170x	5m8	3-4

NGC	6484	Sb	17 51 46.8	+24 28 57	Her	1.90	13.3	158

N	317	WK	170x	6m0	3

NGC	6482	E3/P	17 51 48.7	+23 04 20	Her	2.3	12.3	159

M	228	GI	78x	4m8	7	DSF	N	317	WK	170x	5m8	2-3		
N	318	DS	153x	5m3	3									

NGC	6485	Sb	17 51 52.8	+31 27 41	Her	1.3	14.0	116

N	317	WK	314x	6m0	4

IC	1269	Sb	17 52 05.9	+21 34 06	Her	1.7	13.6	159

R	120	RS	25x	5m0	7

NGC	6486	C	17 52 35.2	+29 49 05	Her	0.3	15.1	116

N	317	WK	312x	6m0	5	N	317	WK	170x	6m0	5

NGC	6487	E	17 52 41.7	+29 50 17	Her	1.9	13.2	116

S	200	PE	78x	5m5	3-4	N	317	WK	93x	6m0	4
N	317	WK	170x	6m0	4						

UGC	11024	S	17 52.9	+23 13	Her	1.7	15.0	159

N	317	WK	170x	5m8	4-5

UGC	11027	Irr	17 53.3	+24 34	Her	1.7	14.9	159

N	317	WK	170x	6m0	4-5

NGC	6490	L	17 54 30.4	+18 22 33	Her	1.00	14.9	159

N	317	WK	170x	5m6	4

NGC	6512	S	17 54 50.2	+62 38 42	Dra	0.50	15.1	30

N	317	WK	170x	5m5	5

NGC	6495	E	17 54 50.7	+18 19 37	Her	2.00	14.3	159

N	317	WK	170x	5m6	3-4

NGC	6516	S	17 55 16.6	+62 40 08	Dra	0.50	15.8	30

N	317	WK	170x	5m5	5

NGC	6521	E	17 55 48.3	+62 36 40	Dra	1.60	13.4	30

N	317	WK	170x	5m5	4-5

NGC	6500	Sa-b	17 55 59.7	+18 20 18	Her	2.20	14.4	159

N	317	WK	170x	5m6	3-4

NGC	6501	L M	17 56 03.7	+18 22 23	Her	2.0	14.3	159

N	317	WK	170x	5m6	3-4

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**11029**	SBc	17 56.9	+24 27	Her	1.4	15.0	159
N 317 WK 170x 6m0 4-5								
NGC	**6515**	E	17 57 25.3	+50 43 37	Dra	1.60	14.0	53
N 317 WK 170x 6m0 3-4								
NGC	**6524**	L	17 59 14.8	+45 53 15	Her	1.40	13.9	81
N 317 WK 170x 5m5 3-4								
NGC	**6518**	C	17 59 43.6	+28 52 00	Her	0.5	14.8	116
N 317 WK 170x 6m0 4-5								
NGC	**6552**	SBR	18 00 07.0	+66 36 53	Dra	0.9	14.6	30
N 317 WK 214x 6m2 4-5								
NGC	**6560**	S/P	18 05 13.8	+46 52 52	Her	1.20	14.2	82
N 317 WK 170x 5m8 4-5								
NGC	**6566**	C	18 07 00.7	+52 15 36	Dra	0.60	15.4	53
N 317 WK 170x 6m0 4								
NGC	**6555**	SBc	18 07 49.0	+17 36 15	Her	2.10	13.0	159
N 317 WK 170x 5m5 3								
NGC	**6598**	S	18 08 55.7	+69 04 05	Dra	1.50	14.0	30
N 317 WK 170x 5m8 4								
NGC	**6592**	C	18 09 50.6	+61 25 19	Dra	0.50	14.6	30
N 317 WK 170x 6m2 4-5								
NGC	**6594**	S	18 10 05.6	+61 07 59	Dra	1.00	15.2	30
N 317 WK 170x 6m2 4-5								
NGC	**6582**	C	18 10 29.1	+49 55 17	Her	0.70	15.8	82
N 317 WK 170x 5m8 5								
NGC	**6575**	E	18 10 57.5	+31 06 56	Her	1.8	14.0	116
N 317 WK 214x 6m0 4								
NGC	**6597**	E	18 11 13.4	+61 10 50	Dra	0.40	15.2	30
N 317 WK 170x 6m2 4-5								
IC	**1279**	Sb	18 11 15.4	+36 00 25	Her	0.70	14.3	116
N 317 WK 170x 6m0 4-5								
NGC	**6601**	E	18 11 44.2	+61 27 09	Dra	0.50	15.6	30
N 317 WK 170x 6m2 4-5								
NGC	**6574**	SB	18 11 51.2	+14 58 52	Her	1.4	12.8	204
S 200 PE 110x 5m3 4				N 317 WK 170x 5m5 3				
NGC	**6607**	E	18 12 14.9	+61 19 58	Dra	0.50	16.0	30
N 317 WK 170x 6m2 5								
NGC	**6608**	E	18 12 33.6	+61 19 54	Dra	0.70	15.3	30
N 317 WK 170x 6m2 4-5								
NGC	**6621**	Sb/P	18 12 55.6	+68 21 45	Dra	2.10	13.6	30
N 317 WK 212x 5m8 4-5				N 317 WG 61x 5m2 3				
NGC	**6606**	S	18 14 41.3	+43 16 05	Lyr	0.90	14.4	82
N 317 WK 170x 5m5 3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6612**	C	18 16 10.9	+36 04 43	Lyr	0.70	15.5	116
N 317 WK 170x 6m0 4-5								
NGC	**6643**	Sc	18 19 45.6	+74 34 04	Dra	3.9	11.7	12
S 200 PE 78x 5m5 3				N 200 HZ 120x 5m8 3				
S 200 MC 77x 5m2 3				S 254 DS 125x 5m6 3				
N 317 TJ 230x 4m5 3				N 318 DS 76x 5m4 3				
NGC	**6627**	SBb	18 22 38.9	+15 41 52	Her	1.5	14.3	204
N 317 WK 170x 5m6 3-4								
NGC	**6654**	SBa	18 24 07.6	+73 10 56	Dra	3.0	12.8	12
N 200 KV 75x 5m5 3-4				N 200 GK 91x 5m8 5				
N 317 WK 170x 5m8 3								
NGC	**6651**	Sc	18 24 19.7	+71 36 06	Dra	1.6	13.7	30
N 317 WK 170x 5m6 4-5				N 400 CF 141x 6m2 3				
NGC	**6632**	Sb-c	18 25 03.1	+27 32 07	Her	2.7	12.9	117
S 200 PE 78x 5m0 4				N 317 WK 170x 5m3 4				
N 400 CF 240x 6m0 3								
NGC	**6650**	C	18 25 27.9	+68 00 21	Dra	0.80	14.5	30
N 317 WK 170x 5m5 4								
PGC	**61879**		18 26 41.0	+42 40 14	Lyr		15.1	82
N 317 WK 170x 5m6 4-5								
NGC	**6635**	L/P	18 27 37.0	+14 49 05	Her	1.00	14.5	205
N 317 WK 170x 5m6 3-4								
NGC	**6640**	Sc	18 28 08.1	+34 18 07	Lyr	1.1	14.2	117
N 400 CF 141x 6m2 3								
NGC	**6641**	S	18 28 57.3	+22 54 10	Her	0.90	14.3	160
N 317 WK 170x 6m2 4-5								
UGC	**11246**	Sa-b	18 28.3	+22 44	Her	1.3	15.1	160
N 317 WK 170x 6m2 4-5								
IC	**1288**	SBa	18 29 22.5	+39 42 48	Lyr	1.3	14.3	116
N 317 WK 214x 6m0 5				N 400 CF 240x 6m0 3				
NGC	**6646**	Sa	18 29 38.7	+39 51 52	Lyr	1.2	13.6	82
S 200 MC 100x 6m0 4-5				N 250 SB 197x 5m7 3				
N 317 WK 214x 5m6 4				N 368 RV 230x 5m5 4				
N 400 CF 240x 6m0 3								
IC	**1289**	S	18 30 02.2	+39 57 51	Lyr	0.6	15.4	82
N 400 CF 240x 6m0 4								
NGC	**6667**	SBa-b/	18 30 39.7	+67 59 10	Dra	2.9	13.5	30
N 317 WK 170x 5m5 4								
UGC	**11265**		18 31.6	+33 55	Lyr	0.8	13.9	117
N 317 WK 170x 6m0 3-4								
NGC	**6657**	SB	18 33 01.5	+34 03 37	Lyr	0.7	14.4	117
N 317 WK 170x 6m0 4				N 400 CF 141x 6m2 3-4				
NGC	**6677**	C M	18 33 30.4	+67 08 11	Dra	0.40	13.6	30
N 317 WK 170x 5m5 4								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6663**	Sc	18 33 33.7	+40 02 55	Lyr	1.0	14.6	82

N	400	CF	240x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**4763**	S/P	18 33 35.7	+67 06 34	Dra	0.40	14.1	30

N	317	WK	170x	5m5	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6662**	SBa-b	18 34 11.2	+32 03 51	Lyr	1.7	14.8	117

N	317	WK	312x	5m8	4-5	N	400	CF	141x	6m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6665**	S	18 34 30.0	+30 43 13	Lyr	1.1	14.6	117

N	317	WK	212x	5m8	4	N	400	CF	141x	6m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6661**	S0-a	18 34 36.7	+22 54 31	Her	2.0	13.2	160

N	200	GK	119x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6690**	Sd	18 34 49.9	+70 31 25	Dra	3.8	13.0	31

N	317	WK	170x	5m6	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6671**	S	18 37 26.2	+26 25 01	Lyr	1.50	13.7	160

S	200	MC	200x	6m0	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6675**	Sb-c	18 37 26.2	+40 03 26	Lyr	1.8	13.3	82

S	200	MC	100x	6m0	5	N	250	SB	139x	5m7	4
N	317	WK	214x	5m6	4	N	368	RV	230x	5m5	4
N	400	DP	225x	6m5	4	N	400	CF	240x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6674**	SBb	18 38 33.9	+25 22 26	Her	4.2	13.0	160

S	200	MC	100x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6654 A**	SBd/P	18 39 25.3	+73 34 49	Dra	2.70	13.5	12

N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**4772**	C	18 39 56.4	+40 01 35	Lyr	0.3	14.9	82

N	317	WK	170x	5m5	4-5	N	400	CF	240x	6m0	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6685**	L	18 39 58.6	+39 58 54	Lyr	1.1	14.4	82

S	200	MC	200x	6m0	7	N	317	WK	214x	5m6	5
N	368	RV	230x	5m5	4	N	400	CF	240x	6m0	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6686**	C	18 40 06.9	+40 08 15	Lyr	0.9	14.8	82

S	200	MC	100x	6m0	7	N	317	WK	170x	5m5	4-5
N	400	CF	240x	6m0	4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6688**	L	18 40 39.9	+36 17 20	Lyr	1.6	13.6	117

N	200	DP	102x	6m4	5	S	200	MC	100x	6m0	5
N	317	WK	214x	5m7	4	N	400	CF	141x	6m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6692**	E	18 41 41.5	+34 50 37	Lyr	1.0	14.2	117

N	317	WK	214x	5m7	4	N	400	CF	141x	6m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6695**	SBb	18 42 42.8	+40 22 00	Lyr	1.0	14.3	82

S	200	MC	200x	6m1	7	N	317	WK	214x	5m7	5
N	368	RV	230x	5m5	7	N	400	DP	225x	6m5	4
N	400	CF	240x	6m0	4						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6701**	SBa	18 43 12.6	+60 39 09	Dra	1.50	13.0	54

N	200	GK	119x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6700**	SBc	18 46 04.3	+32 16 44	Lyr	1.4	14.1	117

N	317	WK	214x	5m5	4	N	400	CF	141x	6m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6702**	E3	18 46 57.6	+45 42 20	Lyr	2.1	13.3	83

S	200	PE	70x	5m5	4	S	200	JL	100x	5m0	5
N	200	KV	75x	5m0	5	S	200	MC	200x	6m1	4-5
S	200	MC	77x	5m6	5	N	200	GK	57x	5m6	5
N	254	RV	140x	5m0	6	N	317	WK	214x	5m8	3-4
N	317	TJ	62x	5m0	3-4	N	368	RV	230x	5m5	4
N	500	CF	147x	6m7	3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6703**	L	18 47 18.9	+45 33 01	Lyr	2.6	12.3	83

S	200	PE	70x	5m5	4	S	200	JL	100x	5m0	3
N	200	KV	120x	5m0	3	N	200	DP	100x	5m0	4
S	200	MC	200x	5m6	3-4	N	200	GK	57x	5m6	5
S	203	DS	102x	5m5	3-4	M	228	GI	148x	4m8	3-4
N	254	RV	140x	5m0	3-4	N	317	WK	214x	5m8	3
N	317	TJ	62x	5m0	3	N	368	RV	230x	5m5	3
N	500	CF	147x	6m7	2-3						

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6711**	SBb-c/	18 49 00.9	+47 39 25	Dra	1.0	13.7	82

N	317	WK	93x	6m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**62476**	C M	18 50 18.2	+73 21 03	Dra	0.1	15.5	12

N	317	WK	312x	6m0	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6710**	L	18 50 34.0	+26 50 17	Lyr	1.70	14.2	160

S	200	MC	200x	6m0	7	N	317	WK	170x	6m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6713**	L	18 50 44.2	+33 57 35	Lyr	0.40	14.4	117

N	317	WK	170x	5m6	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1296**	SBb	18 53 18.8	+33 03 57	Lyr	1.1	15.1	117

S	254	TE	286x	6m5	5	N	400	RS	240x		5
N	400	CF	240x	6m4	5	N	609	SK	280x	6m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6747**	E	18 55 21.5	+72 46 18	Dra	0.50	15.9	12

N	317	WK	170x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**11380**	S	18 56.9	+36 37	Lyr	1.5	13.7	117

N	400	CF	240x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**62613**	E	18 57 37.5	+38 00 33	Lyr		14.3	117

N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6745**	S/P	19 01 41.6	+40 44 43	Lyr	1.4	13.3	83

S	200	PE	78x	5m7	5	N	200	GK	119x	5m8	4
S	200	MC	100x	6m0	5	S	200	MC	200x	5m2	7
N	317	WK	214x	6m0	3-4	N	317	WG	61x	5m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**11397**	S	19 03.7	+33 51	Lyr	1.1	13.7p	118

N	400	CF	240x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**11399**	S	19 04.9	+34 28	Lyr	1.4	14.4	118

N	400	CF	240x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**62756**		19 05 25.9	+42 27 40	Lyr		15.4	83

N	317	WK	312x	6m2	5	p

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6762**	L	19 05 37.0	+63 56 01	Dra	1.50	14.3	31

N	200	GK	119x	5m8	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6759**	S	19 06 57.0	+50 20 52	Dra	1.0	15.1	83

N	317	WK	214x	6m2	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6764**	SBb	19 08 16.6	+50 55 57	Cyg	2.1	12.7	83

S	200	PE	78x	5m7	4	N	200	GK	119x	5m8	3
N	254	RV	140x	5m0	7	N	317	WK	93x	6m2	3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6786**	SB M	19 10 53.8	+73 24 37	Dra	1.1	13.8	12
N	317	WK	170x	6m0	3			
UGC	**11412**	Sb-c	19 10.8	+52 10	Cyg	1.0	14.6	54
N	317	WK	170x	6m0	4			
PGC	**63061**		19 19 15.7	+44 10 00	Cyg			83
N	400	CF	240x	6m2	5			
PGC	**63078**		19 20 18.1	+44 02 41	Cyg			83
N	400	CF	240x	6m2	7			
PGC	**63079**		19 20 18.5	+43 48 35	Cyg			83
N	400	CF	240x	6m2	7			
PGC	**63087**		19 20 33.0	+44 05 30	Cyg			83
N	400	CF	240x	6m2	7			
PGC	**63089**		19 20 35.9	+44 06 42	Cyg			83
N	400	CF	240x	6m2	7			
PGC	**63090**	C	19 20 36.6	+44 02 17	Cyg		15.6	83
N	400	CF	240x	6m2	5			
PGC	**63095**		19 20 44.2	+43 58 49	Cyg			83
N	400	CF	240x	6m2	7			
PGC	**63094**		19 20 44.2	+44 00 31	Cyg			83
N	400	CF	240x	6m2	5-6			
NGC	**6792**	SBb	19 20 57.3	+43 07 54	Lyr	2.2	13.3	83
N	200	GK	119x	5m8	5			
N	317	WK	214x	6m0	3-4			
S	200	PE	78x	5m7	4			
PGC	**63097**		19 20 59.3	+43 58 44	Cyg			83
N	400	CF	240x	6m2	7			
PGC	**63105**		19 21 11.6	+43 50 02	Cyg			83
N	400	CF	240x	6m2	7			
PGC	**63113**		19 21 19.4	+43 59 54	Cyg		15.7	83
N	400	CF	240x	6m2	6			
PGC	**63120**		19 21 30.4	+43 56 04	Cyg			83
N	400	CF	240x	6m2	5			
MCG	**+7-40-4**		19 21.2	+43 57	Cyg	0.2	16.0	83
N	400	CF	240x	6m2	5-6			
MCG	**+7-40-5**		19 21.6	+44 00	Cyg	0.9	16.0	83
N	400	CF	240x	6m2	5			
PGC	**63136**		19 22 15.7	+43 48 19	Cyg			83
N	400	CF	240x	6m2	5			
PGC	**63138**		19 22 21.6	+43 52 31	Cyg			83
N	400	CF	240x	6m2	7			
PGC	**63142**		19 22 32.2	+44 03 38	Cyg			83
N	400	CF	240x	6m2	5-6			
NGC	**6798**	L	19 24 03.1	+53 37 26	Cyg	1.60	14.2	54
N	317	WK	170x	6m0	3-4			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**63313**		19 31 08.8	+54 04 26	Cyg	0.3	15.0	55
N	317	WK	170x	6m0	4-5			
UGC	**11453**	Sb	19 31.0	+54 06	Cyg	1.7	14.4	55
N	317	WK	170x	6m0	5			
UGC	**11460**	E-S0	19 37.9	+41 00	Cyg	1.4	14.0	84
N	317	WK	170x	6m0	3-4			
UGC	**11465**	SAB(s)	19 41.7	+50 38	Cyg	1.1	12.8	55
N	317	WK	212x	6m2	2	s		
NGC	**6814**	Sb-c	19 42 40.5	-10 19 30	Aql	3.2	12.1	297
S	200	PE	110x	5m5	4			
N	317	WK	93x	5m3	4			
M	228	GI	78x	4m8	7			
UGC	**11466**	Pec	19 42.9	+45 18	Cyg	2.2	13.5	84
N	317	WK	170x	6m0	3-4			
PGC	**63556**	I	19 43 11.6	-06 56 24	Aql	1.2	14.6	297
N	317	WK	170x	5m2	5			
NGC	**6824**	Sa-b	19 43 40.5	+56 06 30	Cyg	2.1	13.0	55
S	200	PE	78x	5m7	3			
N	200	GK	119x	5m8	3			
NGC	**6821**	SBd	19 44 24.2	-06 50 06	Aql	1.30	13.6	297
N	317	WK	170x	5m2	4-5			
NGC	**6822**	IB	19 44 56.6	-14 48 25	Sgr	19.1	10.3	297
A	7	PI	1x	6m3	3			
R	90	SG	38x	6m9	5			
N	150	WK	45x	5m0	5-6			
N	200	HZ	40x	5m5	4-5			
S	203	PK	60x		7			
N	317	TJ	80x	4m5	4			
B	80	HZ	30x	5m2	5			
S	125	FB	31x	6m6	5			
N	200	KV	30x	6m0	4-5			
N	200	GK	33x	5m8	6			
N	250	SB	100x	6m5	5			
N	400	DP	62x	6m5	3-4			
NGC	**6835**	SBa	19 54 32.8	-12 34 05	Sgr	2.2	13.4	297
N	400	DP	225x	6m5	3-4			
PGC	**63832**	E	19 56 12.8	+40 26 03	Cyg	0.4	14.7	84
N	317	WK	170x	6m0	4			
PGC	**63852**	E	19 56 49.5	+40 24 36	Cyg	0.3	16.1	84
N	317	WK	170x	6m0	3			
NGC	**6869**	L	20 00 42.3	+66 13 39	Dra	1.7	13.1	32
S	200	PE	78x	5m7	4			
N	203	RH	120x	6m1	5			
N	317	WK	170x	5m5	3			
S	200	JL	100x	6m0	4			
N	254	RV	140x	5m2	4-5			
NGC	**6860**	S	20 08 47.1	-61 06 01	Pav	1.30	13.7	457
N	140	RH	100x	6m3	1			
PGC	**64419**	S	20 17 05.4	-12 06 00	Cap	0.5	14.5	298
N	317	WK	170x	5m0	5			
NGC	**6911**	DB	20 19 38.3	+66 43 42	Dra	1.70	15.3	32
N	317	WK	170x	5m5	4-5			
NGC	**6897**	S	20 21 01.3	-12 15 20	Cap	0.90	14.8	298
N	317	WK	170x	5m0	5			
NGC	**6898**	S	20 21 08.0	-12 21 34	Cap	1.20	14.5	298
N	317	WK	170x	5m0	5			

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6900**	S	20 21 35.1	-02 34 13	Aql	1.00	13.1	253

N	200	GK	228x	5m8	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1317**	E2	20 23 15.5	+00 39 51	Aql	0.70	14.6	253

N	317	WK	170x	5m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6906**	SBb-c	20 23 34.0	+06 26 38	Aql	1.8	13.2	208

N	200	JL	160x	5m5	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6903**	LB	20 23 44.9	-19 19 35	Cap	2.60	12.9	343

N	150	MB	48x		5	
N	317	WK	170x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6907**	SBb	20 25 06.6	-24 48 35	Cap	3.40	11.9	343

M	228	GI	124x	6m0	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**11559**	S0	20 26.1	+01 10	Aql	1.3	14.5	253

N	317	WK	170x	5m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6915**	S	20 27 46.0	-03 04 38	Aql	1.50	14.2	253

N	317	WK	170x	5m8	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**11567**		20 28.3	+00 28	Aql	1.0	15.5	253

N	317	WK	170x	5m8	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**11566**		20 28.3	+00 17	Aql	0.7	14.2	253

N	317	WK	170x	5m8	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6922**	Sc	20 29 52.8	-02 11 32	Aql	1.30	14.1	253

N	317	WK	170x	5m8	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6927**	L	20 32 38.1	+09 54 59	Del	0.5	15.8	208

N	400	CF	240x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6928**	SBa-b	20 32 50.1	+09 55 37	Del	2.2	13.3	209

N	200	KV	75x	5m5	4	
N	200	JL	160x	5m5	5	
N	200	HZ	120x	6m0	4	
S	200	PE	110x	5m5	4	
N	250	SB	66x	6m5	3	
N	254	RV	140x	5m0	7	
N	317	WK	214x	6m0	3	
N	317	TJ	89x	5m0	3	
N	400	RS	240x		3	
N	400	CF	240x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6930**	SBa-b	20 32 58.8	+09 52 24	Del	1.4	13.8	209

N	200	HZ	120x	6m0	5	
S	200	PE	110x	5m5	4	
N	250	SB	197x	6m5	3	
N	400	CF	240x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6927 A**	E6	20 32.6	+09 53	Del	0.3	14.9	208

N	400	CF	240x	6m0	5-6	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6926**	SBc/P	20 33 05.9	-02 01 46	Aql	2.1	13.2	254

N	200	KV	120x	5m5	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6929**	L/P	20 33 21.6	-02 02 14	Aql	0.9	15.1	254

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6946**	Sc	20 34 52.1	+60 09 10	Cyg	11	9.7	32

B	30	KH	8x	5m9	5-6	
B	50	KH	10x	5m9	3	
B	60	DK	20x	5m0	4	
B	80	PP	22x	6m5	2	
B	80	HZ	30x	6m3	3	
R	80	HZ	17x	6m5	3-4	
R	80	WD	26x	5m0	3	
R	80	GW	38x	5m0	3	
M	100	MC	31x	5m4	5	
N	114	SB	25x	5m0	5	
N	140	RH	50x	6m3	5	
S	200	MC	50x	5m6	3	
N	200	HZ	60x		3	
N	200	KV	48x	5m0	3	
S	200	JL	64x	6m0	3	
M	228	GI	78x	5m3	5	
S	250	FB	78x	5m9	4	
N	250	SB	74x	5m3	3	
S	280	PP	87x	5m0	3	s
N	317	WK	75x	5m5	3	
N	318	DS	76x	5m5	3	
N	320	PI	45x	5m5	4	
N	320	PI	80x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6951**	Sb/P	20 37 14.0	+66 06 19	Cep	3.8	11.8	32

N	150	GK	85x	6m5	3-4	
N	150	GK	85x	6m5	3-4	
S	200	PE	78x	5m5	3	
N	200	KV	75x	6m0	3	
N	200	HZ	40x		3-4	
N	250	SB	150x	5m3	3	
N	254	RV	70x	5m3	4	
N	254	RV	140x	5m2	6-5	f
N	317	WK	93x	5m5	3-4	
N	318	DS	76x	5m5	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6944**	E/L	20 38 23.8	+06 59 47	Del	1.7	14.3	209

N	200	JL		5m5	7	
N	317	WK	170x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**65257**		20 43 29.4	-10 05 32	Aqr	0.4	15.5	299

N	317	WK	170x	5m0	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6956**	SBb	20 43 53.7	+12 30 42	Del	1.6	13.2	209

S	200	PE	110x	5m7	4	
N	317	WK	214x	6m0	5	
N	317	WK	170x	6m2	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**11620**	SB	20 44.1	+12 25	Del	0.7	14.6p	209

N	317	WK	312x	6m2	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**11623**	SB	20 44.5	+12 29	Del	1.0	14.9p	209

N	317	WK	312x	6m2	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6985**	S	20 45 03.0	-11 06 17	Aqr	1.50	14.5	299

S	250	FB	96x	5m6	2	C
N	317	WK	170x	5m4	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6959**	L	20 47 07.1	+00 25 46	Aqr	0.60	14.8	254

N	317	WK	170x	5m6	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6962**	SBa-b	20 47 18.9	+00 19 17	Aqr	3.0	13.0	254

N	317	WK	170x	5m8	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6965**	E1	20 47 20.5	+00 29 01	Aqr	0.70	14.9	254

N	317	WK	170x	5m6	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6964**	E4/P	20 47 24.2	+00 18 03	Aqr	1.9	13.9	254

N	317	WK	170x	5m6	4-5	
N	430	AS	141x	6m0	2	s

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6969**	C	20 48 27.6	+07 44 23	Del	1.10	15.0	209

N	317	WK	170x	6m0	4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6971**	Sb	20 49 23.7	+05 59 41	Del	1.10	14.6	209

N	317	WK	170x	6m0	4-5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6972**	Sa	20 49 58.9	+09 53 57	Del	1.10	13.5	209

N	317	WK	170x	5m8	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**11639**		20 49.9	+06 13.2	Del	1.1	13.6	209

N	317	WK	170x	6m0	3	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6976**	Sc	20 52 25.9	-05 46 19	Aqr	1.3	15.8	254

N	317	WK	214x	5m8	6	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6977**	SBb	20 52 29.6	-05 44 47	Aqr	1.3	15.2	254

N	317	WK	214x	5m8	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6978**	Sb	20 52 35.4	-05 42 42	Aqr	1.5	14.0	254

N	317	WK	214x	5m8	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**6988**	S	20 55 48.9	+10 30 28	Del	0.70	14.6	209

N	317	WK	170x	5m8	5	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7003**	Sb-c	21 00 42.3	+17 48 15	Del	2.5	13.8	164

N	317	WK	93x	6m0	5	

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7013**	Sa	21 03 33.6	+29 53 47	Cyg	4.9	12.4	121

R	130	BF	89x	6m5	3		S	200	PE	70x	5m5	4
S	200	DK	145x	5m0	3		N	200	JL	60x	5m5	4
S	200	MC	100x	5m7	3		N	254	RV	140x	5m3	4
N	254	RV	140x	4m8	4-5		N	317	WK	214x	6m2	3

NGC	**7015**	Sb-c	21 05 37.3	+11 24 47	Equ	1.80	13.2	210

N	250	SB	197x	6m5	3

PGC	**66150**	C	21 07 45.8	+03 52 41	Equ			255

N	317	WK	214x	5m0	5

NGC	**7025**	Sa	21 07 47.4	+16 20 07	Del	2.1	13.8	210

N	317	WK	170x	6m0	4

UGC	**11680**	Sc	21 07.7	+03 52	Equ	2.1	14.5	255

N	317	WK	214x	5m0	4-5

IC	**1364**	C	21 13 24.6	+02 46 11	Equ	0.40	14.6	255

N	317	WK	170x	6m2	4

NGC	**7042**	Sb	21 13 45.7	+13 34 28	Peg	1.9	12.8	210

S	200	PE	78x	5m3	5		N	317	WK	170x	5m4	3-4
N	368	RV	230x	5m2	4-5							

IC	**1365**	C+C	21 13 56.0	+02 33 53	Equ	0.40	14.6	255

N	317	WK	170x	6m2	4-5

IC	**1368**	S	21 14 12.6	+02 10 40	Aqr	1.90	14.3	255

N	317	WK	170x	6m2	4

NGC	**7046**	SBc	21 14 56.0	+02 50 02	Equ	1.90	13.9	255

N	317	WK	170x	6m2	3-4

MCG	**+4-50-4**		21 16 52.9	+24 12 15	Vul	0.7	15.0	165

N	609	SK	360x	6m4	3-4

NGC	**7052**	E4	21 18 33.0	+26 26 48	Vul	2.8	13.6	165

N	250	SB	139x	5m7	3		N	317	WK	170x	5m6	3

Mrk	**514**		21 20.5	+02 46	Equ	0.2	15.5p	255

N	317	WK	214x	6m2	3-4

NGC	**7066**	C	21 26 13.7	+14 10 57	Peg	1.0	15.0	210

N	317	WK	214x	6m2	4-5

NGC	**7068**	S	21 26 32.3	+12 11 02	Peg	0.7	14.9	210

N	317	WK	214x	6m2	4-5

NGC	**7069**	L	21 28 05.8	-01 38 49	Aqr	1.30	14.5	255

N	317	WK	170x	6m0	4

IC	**5111**	S	21 28 10.9	+02 28 26	Aqr	0.80	15.0	255

N	317	WK	170x	6m2	4-5

IC	**1387**	E	21 29 34.4	-01 21 04	Aqr	1.30	14.9	255

N	317	WK	170x	6m0	4

NGC	**7077**	E	21 29 59.5	+02 24 51	Aqr	0.80	14.7	255

N	317	WK	170x	6m2	4

NGC	**7080**	SBb	21 30 01.9	+26 43 04	Vul	1.80	14.8	165

N	250	SB	197x	5m7	4

NGC	**7081**	S	21 31 24.3	+02 29 26	Aqr	1.30	13.6	255

N	317	WK	170x	6m2	3

UGC	**11760**	S	21 31.7	+02 28	Aqu	1.1	14.6	255

N	317	WK	170x	6m2	5

IC	**1392**	L	21 35 32.6	+35 23 53	Cyg	5.00	13.0	121

N	200	GK	228x	5m8	5

NGC	**7102**	SBb	21 39 44.5	+06 17 07	Peg	1.9	13.7	211

N	317	WK	170x	5m4	4-5

NGC	**7113**	E	21 42 26.5	+12 34 07	Peg	0.9	14.9	211

N	400	CF	240x	6m3	3

NGC	**7116**	S	21 42 40.4	+28 56 46	Cyg	1.1	14.3	122

N	317	WK	170x	6m2	4

NGC	**7120**	S	21 44 33.2	-06 31 28	Aqr	0.80	15.2	301

N	317	WK	170x	6m0	5

NGC	**7132**	S	21 47 16.4	+10 14 27	Peg	1.1	14.5	211

N	400	CF	141x	6m3	3

NGC	**7137**	SB	21 48 13.0	+22 09 33	Peg	1.5	13.1	166

S	200	PE	78x	5m7	4		S	200	MC	100x	5m6	4-5
N	200	GK	57x	5m8	3		N	300	HT	120x	6m5	3

NGC	**7159**	E	21 56 25.6	+13 33 45	Peg		15.2	211

N	400	CF	143x	6m6	3-4

UGC	**11865**		21 58.6	+12 02	Peg	0.5	14.3	211

N	317	WK	312x	6m0	4

PGC	**67786**		21 59 23.9	+10 28 57	Peg		15.5	211

N	317	WK	170x	6m2	5	p

NGC	**7177**	Sa-b	22 00 41.2	+17 44 12	Peg	3.3	12.0	166

N	150	GK	85x	6m2	3		S	200	PE	110x	5m0	3
N	200	HZ	120x	6m0	3		S	200	MC	133x	5m4	3
N	200	GK	91x	5m8	2		N	203	KV	200x	6m5	2-3
M	228	GI	124x	5m0	4		S	250	FB	96x	5m5	3
N	254	RV	140x	4m8	3		N	254	JM	98x	5m3	3-4
N	300	HT	120x	6m5	2		N	400	CF	71x	6m6	1-2

UGC	**11871**		22 00.7	+10 33	Peg	1.0	14.7	211

N	317	WK	170x	6m2	4-5

NGC	**7184**	Sb-c	22 02 39.9	-20 48 47	Aqr	5.90	11.8	346

M	228	GI	78x	5m5	4

NGC	**7197**	Sa	22 02 57.9	+41 03 32	Lac	1.9	14.3	87

N	200	HZ	120x	6m5	5		N	317	WK	170x	6m0	3-4

NGC	**7190**	L	22 03 06.6	+11 11 57	Peg	1.1	15.6	211

N	317	WK	170x	6m2	4-5		N	400	CF	143x	6m6	4

NGC	**7195**	S	22 03 30.2	+12 39 39	Peg	0.5	16.3	211

N	400	CF	143x	6m6	4-5

NGC	**7194**	E	22 03 30.9	+12 38 11	Peg	1.3	14.3	211

N	400	CF	143x	6m6	3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**67935**		22 03.2	+12 38	Peg			211
N 400 CF 143x 6m6 5								
UGC	**11897**	SB:b-c	22 04.5	+41 25	Lac	1.5	14.3	87
N 317 WK 170x 6m0 4-5								
NGC	**7206**	C	22 05 40.9	+16 47 05	Peg	1.2	14.4	166
N 317 WK 170x 5m8 4								
N 400 CF 143x 6m6 3								
NGC	**7207**	L	22 05 45.6	+16 46 02	Peg		15.8	166
N 400 CF 143x 6m6 4								
UGC	**11909**	S	22 06.3	+47 15	Lac	3.2	13.3	87
N 200 KV 75x 6m5 7								
NGC	**7217**	Sa-b	22 07 52.1	+31 21 32	Peg	3.7	11.0	122
R 80 DS 73x 6m0 3-4								
R 150 DS 120x 6m0 3								
S 200 PE 70x 5m0 3								
N 200 JL 160x 5m5 3								
N 200 GK 228x 5m8 3								
N 203 KV 120x 6m5 2								
N 250 SB 221x 5m6 2								
N 254 JM 98x 5m3 3								
C 300 MW 112x 5m5 2								
N 318 DS 102x 5m9 2-3								
N 400 CF 143x 6m6 2 s								
N 150 GK 85x 6m1 3 f								
N 150 MB 48x 3								
S 200 MC 133x 5m4 2-3								
N 200 HZ 100x 3								
S 203 DS 102x 5m5 3								
M 228 GI 148x 5m3 2								
S 250 FB 167x 5m6 3								
S 280 PP 117x 6m5 1 s								
N 317 WK 93x 6m2 2-3								
N 368 RV 230x 5m5 2								
UGC	**11911**		22 07.1	+44 18	Lac	1.7	15.7	87
N 317 WK 170x 5m5 4-5								
NGC	**7223**	SBc	22 10 09.2	+41 01 00	Lac	1.8	13.4	87
N 200 HZ 120x 6m5 4-5								
N 317 WK 170x 5m3 4-5								
S 200 MC 133x 5m5 5								
NGC	**7227**	L	22 11 31.3	+38 43 13	Lac	1.30	14.8	122
N 317 WK 170x 6m0 4-5								
NGC	**7224**	E	22 11 35.3	+25 51 52	Peg	1.60	15.7	167
N 317 WK 170x 6m2 3-4								
NGC	**7228**	SBa	22 11 48.6	+38 41 54	Lac	1.30	14.7	122
N 317 WK 170x 6m0 4								
NGC	**7231**	SBa	22 12 30.3	+45 19 41	Lac	1.9	13.9	87
N 317 WK 170x 5m3 4								
UGC	**11949**	Sa-b	22 12.3	+39 17	Lac	1.1	14.8	87
N 317 WK 170x 6m0 4-5								
NGC	**7236**	L	22 14 45.0	+13 50 45	Peg	0.70	14.4	212
N 317 WK 170x 5m8 3-4								
NGC	**7237**	L	22 14 46.9	+13 50 25	Peg	0.70	14.6	212
N 317 WK 170x 5m8 4-5								
IC	**5191**	S0-a	22 15 02.4	+37 17 59	Lac	0.50	15.1	122
N 317 WK 170x 6m0 5								
IC	**1441**	SB	22 15 19.1	+37 18 01	Lac	0.50	15.5	122
N 317 WK 170x 6m0 5								
NGC	**7240**	L	22 15 22.7	+37 16 48	Lac	0.50	15.3	122
N 317 WK 170x 6m0 4-5								
NGC	**7242**	L M	22 15 39.3	+37 17 50	Lac	2.6	13.9	122
N 317 WK 170x 6m0 3								
IC	**5193**	E0	22 15 43.5	+37 14 34	Lac	2.30	15.5	122
N 317 WK 170x 6m0 5								
NGC	**7241**	SBb-c/	22 15 49.7	+19 13 51	Peg	3.40	13.5	167
N 317 WK 170x 5m8 4-5								
PGC	**68466**		22 16 22.4	+37 10 41	Lac		15.6	122
N 317 WK 170x 6m0 4-5								
NGC	**7244**	S	22 16 26.7	+16 28 16	Peg	0.70	14.6	212
N 317 WK 170x 5m8 4								
NGC	**7248**	L	22 16 52.5	+40 30 17	Lac	1.8	13.5	87
N 200 HZ 120x 6m5 4-5								
N 317 WK 214x 6m0 4								
UGC	**11973**	Sb/SBc	22 16.8	+41 30	Lac	3.2	12.9p	87
N 200 HZ 120x 6m8 4-5								
N 317 WK 170x 5m8 4-5								
NGC	**7250**	S/I	22 18 17.7	+40 33 45	Lac	1.2	13.2	87
N 200 HZ 120x 6m5 4-5								
N 317 WK 214x 6m0 4								
NGC	**7253**	SB M	22 19 27.3	+29 23 47	Peg	1.70	14.4	122
N 317 WK 170x 5m8 4-5								
UGC	**11990**	E	22 20.5	+35 59	Lac	1.0	15.6	123
N 317 WK 170x 5m8 5								
NGC	**7263**	C	22 21 45.2	+36 20 57	Lac	0.60	15.6	123
N 317 WK 170x 6m0 4								
NGC	**7265**	L	22 22 27.5	+36 12 35	Lac	2.4	13.3	123
N 200 HZ 100x 6m5 4								
N 317 WK 170x 6m0 3								
N 250 SB 150x 6m2 3								
UGC	**12009**		22 22.7	+37 59	Lac	1.5	13.8	123
N 200 HZ 120x 6m5 4-5								
NGC	**7270**	S	22 23 47.5	+32 24 09	Peg	1.0	14.9	123
N 317 WK 214x 5m6 4								
UGC	**12013**	S	22 23.0	+36 03	Lac	1.1	15.3	123
N 317 WK 170x 5m6 4-5								
NGC	**7273**	E	22 24 09.1	+36 11 59	Lac	0.80	14.6	123
N 200 HZ 100x 6m5 5								
N 317 WK 170x 6m0 4-5								
NGC	**7274**	E	22 24 11.0	+36 07 33	Lac	1.50	14.3	123
N 200 HZ 100x 6m5 5								
N 317 WK 170x 6m0 3								
NGC	**7276**	C	22 24 14.3	+36 05 15	Lac	0.90	14.9	123
N 200 HZ 100x 6m5 5								
N 317 WK 170x 6m0 4								
NGC	**7275**	Sa	22 24 17.3	+32 26 47	Peg	0.9	15.1	123
N 317 WK 214x 5m6 4-5								
NGC	**7272**	SBa	22 24 31.6	+16 35 17	Peg	0.90	16.2	212
N 317 WK 170x 5m8 5								
NGC	**7280**	LB	22 26 27.6	+16 08 52	Peg	2.10	13.0	212
N 317 WK 170x 5m8 3								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	7286	L	22 27 50.5	+29 05 46	Peg	1.60	13.5	123

N	317	WK	170x	5m6	4-5

NGC	7292	IB	22 28 25.7	+30 17 33	Peg	2.1	13.0	123

N	200	HZ	100x	6m5	4-5	N	250	SB	100x	6m2	3
N	317	WK	170x	5m6	4						

NGC	7290	Sb-c	22 28 26.5	+17 08 50	Peg	1.8	13.8	212

N	317	WK	170x	5m3	4-5

NGC	7291	L	22 28 29.4	+16 46 59	Peg	1.80	15.1	212

N	317	WK	170x	6m2	4-5

NGC	7283	S R	22 28 32.7	+17 28 13	Peg	0.90	16.4	167

N	317	WK	170x	6m2	4-5

NGC	7303	S/P	22 31 33.0	+30 57 22	Peg	1.5	13.6	123

N	200	HZ	100x	6m5	5	N	317	WK	170x	5m6	4

NGC	7315	L	22 35 31.6	+34 48 12	Peg	1.6	14.4	123

S	200	PE	200x	5m8	6	N	200	HZ	120x	6m2	4-5
N	317	WK	93x	5m3	3-4	N	368	RV	80x	5m5	3

NGC	7314	Sc	22 35 45.9	-26 03 03	PsA	4.2	11.6	347

S	200	PE	78x	5m0	4

NGC	7317	Sa	22 35 51.9	+33 56 41	Peg	1.0	14.6	123

N	300	HT	120x	6m5	4	N	317	WK	214x	6m2	4
N	318	DS	102x	5m7	6-7	N	368	RV	230x	5m5	4
N	400	CF	240x	6m4	3						

NGC	7316	S	22 35 56.2	+20 19 18	Peg	1.0	13.6	167

N	317	WK	170x	5m8	4

NGC	7318 A	LB	22 35 56.7	+33 57 56	Peg	1.20	14.9	123

N	300	HT	120x	6m5	3

NGC	7318	LB	22 35 56.7	+33 57 56	Peg	1.20	14.9	123

S	200	MC	100x	6m0	5	S	200	MC	133x	5m6	6
S	200	PE	110x	5m7	5	N	320	PI	144x	5m0	5

NGC	7318A	LB	22 35 56.7	+33 57 56	Peg	1.7	14.9	123

N	250	SB	197x	6m6	3	N	317	WK	214x	6m2	3-4
N	317	WK	214x	6m2	3-4	N	318	DS	102x	5m7	5
N	320	PI	144x	5m0	5	N	368	RV	230x	5m5	3
N	400	CF	240x	6m4	2-3						

NGC	7318 B	Sb-c	22 35 58.3	+33 57 58	Peg	1.60	14.9	123

N	300	HT	120x	6m5	3

NGC	7318B	Sb-c	22 35 58.3	+33 57 58	Peg	1.20	14.9	123

N	250	SB	197x	6m6	3	N	318	DS	102x	5m7	4-5
N	368	RV	230x	5m5	3	N	400	CF	240x	6m4	2-3

NGC	7319	SBa	22 36 03.5	+33 58 33	Peg	1.7	15.8	123

N	250	SB	197x	6m6	4	N	300	HT	120x	6m5	3
N	317	WK	214x	6m2	5	N	317	TJ	177x	5m5	4
N	318	DS	102x	5m7	4-5	N	368	RV	230x	5m5	7
N	400	CF	240x	6m4	3						

NGC	7320	Sd	22 36 03.5	+33 56 52	Peg	2.2	13.2	123

S	200	MC	100x	5m7	7	N	250	SB	197x	6m6	3
N	254	RV	140x	5m0	6	S	280	PP	117x	5m0	3-4
N	300	HT	120x	6m5	3	N	317	WK	214x	6m2	3-4
N	317	TJ	177x	5m5	5	N	318	DS	102x	5m7	3-4
N	320	PI	144x	5m0	3	N	368	RV	230x	5m5	3
N	400	CF	240x	6m4	2-3						

NGC	7320 C	SBRM	22 36 20.3	+33 59 06	Peg	0.40	16.9	123

N	400	CF	240x	6m4	5

NGC	7321	SBb	22 36 27.9	+21 37 17	Peg	1.6	13.8	167

C	300	MW	214x	5m7	4	N	317	WK	170x	5m8	4

NGC	7323	S RM	22 36 53.5	+19 08 38	Peg	1.2	13.9	167

N	317	WK	170x	5m8	4

NGC	7330	E	22 36 56.1	+38 32 51	Lac		13.3	123

N	200	HZ	120x	6m5	4-5	N	250	SB	150x	6m2	4
N	317	WK	214x	6m0	4						

UGC	12107	S0	22 36.7	+19 23	Peg	1.3	15.3	167

N	317	WK	170x	6m0	4-5

NGC	7324	S	22 37 01.0	+19 08 46	Peg	0.70	15.0	167

N	317	WK	312x	6m0	4-5

NGC	7331	Sb	22 37 05.1	+34 25 11	Peg	11	10.3	123

A	7	PI	1x	6m3	2		R	60	PA	28x	5m3	5	f
R	72	MS	40x	5m0	4		B	80	HZ	30x	6m5	3	
R	80	DS	73x	5m9	2-3		R	80	HZ	17x	6m5	3	
R	80	GW	38x	5m0	3		R	90	SG	38x	6m3	3-4	
C	102	DR	67x	5m5	3-4		R	102	DS	50x	5m2	3	
N	110	CW	54x	5m2	3		N	114	RS	56x	6m0	2	
N	114	DK	25x	5m0	3		N	114	SB	25x	5m0	4	
N	140	SK	39x	5m7	3		N	140	RH	100x	5m6	2-3	
N	150	WK	45x	5m0	3		R	150	DS	120x	5m9	2	
M	150	PI	150x	4m5	3	s	N	150	MB	48x		2	
S	200	PE	70x	5m0	2		S	200	MC	100x	5m6	2	
S	200	MC	100x	5m7	2-3		N	200	KV	120x	5m5	2-3	
N	200	GK	170x	5m8	2		S	203	PK	60x		2	
M	228	GI	148x	5m3	2		N	250	SB	197x	6m6	1	s
S	250	FB	96x	5m3	2	s	N	254	JM	40x	5m0	2-3	f
R	280	FD	80x	5m4	3		N	300	HT	150x	6m5	1	
C	300	MW	144x	5m8	2		N	300	UN	50x	5m2	3	f
N	317	WK	214x	6m2	1-2		N	317	WG	61x	5m0	2	
N	318	DS	76x	5m5	2		N	320	PI	144x	5m0	2	

NGC	7335	L	22 37 19.3	+34 26 52	Peg	1.7	14.7	123

N	200	KV	120x	5m5	5	N	200	HZ	120x	6m2	5
N	250	SB	197x	6m6	3	N	300	HT	150x	6m5	4
N	317	WK	214x	6m2	3-4	N	317	TJ	230x	5m0	4
N	368	RV	80x	5m5	4	N	400	CF	141x	5m5	3
N	440	SK	220x	5m8	3						

NGC	7336	S	22 37 21.9	+34 28 54	Peg	0.5	15.9	123

N	250	SB	197x	6m6	4	N	317	WK	214x	6m2	6
N	317	WK	214x	6m2	5	N	317	TJ	230x	5m0	4
N	400	CF	240x	5m5	4-5	N	440	SK	285x	5m8	4

NGC	7332	E7	22 37 24.6	+23 47 51	Peg	4.2	12.0	168

R	80	DS	73x	5m9	3-4	N	150	GK	112x	6m0	3
R	150	DS	120x	5m9	3	S	200	MC	100x	5m6	3
N	200	TJ	45x	5m0	3	N	200	KV	120x	5m0	3
N	200	JL	160x	5m5	3	N	200	DP	180x	4m0	4
S	200	PE	78x	5m5	3	M	228	GI	124x	5m0	2
N	250	SB	150x	5m3	2	S	250	FB	96x	5m2	3
N	254	JM	141x	5m0	3 f	N	300	HT	120x	6m5	2
C	300	MW	190x	5m7	2-3	N	300	UN	50x	5m2	6
N	317	TJ	230x	6m0	3	N	317	WK	214x	6m2	2-3

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7337**	SBa	22 37 26.6	+34 22 24	Peg	1.1	15.4	123

N	200	KV	170x	6m0	5	N	200	HZ	120x	6m2	7
N	250	SB	197x	6m6	3	N	300	HT	150x	6m5	4
N	317	WK	214x	6m2	4	N	317	TJ	230x	5m0	3-4
N	400	CF	141x	5m5	4	N	440	SK	285x	5m8	5

NGC	**7328**	Sa-b	22 37 29.2	+10 31 52	Peg	2.00	14.1	212

N	317	WK	170x	6m2	3-4

NGC	**7340**	C	22 37 44.1	+34 24 36	Peg	0.9	14.4	123

N	200	HZ	120x	6m2	5	N	250	SB	197x	6m6	3
N	317	WK	214x	6m2	4	N	317	TJ	230x	5m0	4
N	400	CF	141x	5m5	3	N	440	SK	285x	5m8	4

NGC	**7339**	SBb-c	22 37 47.0	+23 47 09	Peg	3.0	13.1	168

N	150	GK	112x	6m0	5	N	200	KV	120x	5m0	3-4
N	200	JL	160x	5m5	4	N	200	HZ	100x	6m2	3-4
S	200	MC	100x	5m6	4	S	200	PE	78x	5m7	4
N	250	SB	150x	5m3	3	C	300	MW	190x	5m7	3-4
N	300	HT	120x	6m5	3	N	317	WK	214x	6m2	3
N	317	TJ	230x	6m0	4						

NGC	**7342**	SBa	22 38 13.2	+35 29 53	Peg	1.4	14.9	123

S	200	MC	133x	5m6	7	N	317	WK	170x	6m0	3-4

NGC	**7343**	SBb-c	22 38 37.8	+34 04 16	Peg	0.9	14.3	123

N	200	HZ	120x	6m2	6	N	317	WK	170x	6m2	4

NGC	**7345**	Sa	22 38 44.9	+35 32 24	Peg	1.2	15.2	123

S	200	MC	133x	5m6	7	N	317	WK	170x	6m0	4

UGC	**12127**	E	22 38.5	+35 21	Peg	1.5	15.0	123

N	317	WK	170x	6m0	3-4

NGC	**7346**	E	22 39 35.4	+11 05 00	Peg	0.40	15.7	212

N	317	WK	170x	6m2	4-5

NGC	**7347**	S	22 39 56.0	+11 01 38	Peg	1.50	14.6	212

N	317	WK	170x	6m0	4

PGC	**69457**		22 40 26.4	+03 20 40	Peg		15.2	257

N	250	SB	197x	6m6	4	N	317	WK	170x	5m8	4-5

NGC	**7348**	Sc	22 40 36.2	+11 54 20	Peg	1.10	14.7	212

N	317	WK	170x	6m0	4-5

UGC	**12143**	Sa-b	22 40.4	+31 51	Peg	1.6	15.2	123

N	317	WK	170x	5m8	5

IC	**5242**	C	22 41 15.1	+23 24 23	Peg	0.90	14.7	168

N	317	WK	170x	5m5	5

IC	**5243**	C+C	22 41 24.5	+23 22 30	Peg	0.90	14.6	168

N	317	WK	170x	5m5	5

UGC	**12149**	Sba	22 41.1	+32 11	Peg	1.1	14.5	123

N	317	WK	312x	5m8	3-4

NGC	**7356**	Sb-c	22 42 02.3	+30 42 32	Peg	1.0	16.3	123

N	317	WK	170x	5m6	5	N	400	CF	141x	6m0	3-4

PGC	**69543**		22 42 20.6	+24 06 05	Peg	0.3	15.9	168

N	317	WK	170x	5m5	5

NGC	**7357**	Sb	22 42 23.9	+30 10 17	Peg	1.50	15.2	123

N	317	WK	170x	5m6	5

UGC	**12164**	Sb	22 42.8	+30 31	Peg	1.6	15.6	123

N	317	WK	170x	5m6	4

NGC	**7363**	SBd	22 43 18.5	+33 59 53	Peg	0.90	14.5	123

N	317	WK	170x	5m5	4

NGC	**7360**	S	22 43 34.1	+04 09 05	Peg	0.70	14.6	258

N	317	WK	170x	5m8	4-5

UGC	**12173**	Sc	22 43.9	+38 22	Lac	2.1	13.7	87

N	250	SB	150x	6m2	4

NGC	**7369**	C R	22 44 12.2	+34 21 04	Peg	0.90	14.7	123

N	317	WK	170x	5m5	5

NGC	**7366**	S	22 44 26.6	+10 46 53	Peg	0.30	16.2	213

N	317	WK	170x	6m2	5

NGC	**7367**	Sa-b	22 44 34.2	+03 38 45	Peg	1.60	14.7	258

N	317	WK	170x	5m8	4

PGC	**69656**		22 45 20.0	+34 03 36	Peg		15.6	123

N	317	WK	170x	5m5	4-5

NGC	**7372**	S	22 45 46.0	+11 07 51	Peg	1.00	14.5	213

N	317	WK	170x	6m2	4-5

UGC	**12179**	S0	22 45.1	+34 00	Peg	1.3	14.5	123

N	317	WK	170x	5m5	3-4

NGC	**7374**	S	22 46 00.0	+10 51 11	Peg	0.90	14.8	213

N	317	WK	170x	6m0	4-5

NGC	**7373**	L	22 46 19.4	+03 12 33	Peg	1.30	14.7	258

N	317	WK	170x	5m8	4

NGC	**7376**	L	22 47 17.5	+03 38 41	Peg	0.7	15.5	258

N	203	KV	120x	6m5	4

NGC	**7377**	E1	22 47 47.4	-22 18 43	Aqr	4.10	11.9	348

S	250	FB	167x	5m0	6

NGC	**7383**	LB	22 49 35.5	+11 33 23	Peg	0.80	15.1	213

N	317	WK	170x	6m2	4-5

NGC	**7384**	S	22 49 45.8	+11 33 06	Peg	0.40	16.2	213

N	317	WK	170x	6m2	5

NGC	**7385**	E1/P	22 49 54.6	+11 36 27	Peg	1.6	13.2	213

N	150	GK	160x	6m1	6	N	203	KV	120x	6m5	3-4
C	300	MW	214x	5m6	3-4	N	317	WK	170x	6m0	3-4
N	368	RV	268x	5m5	3						

UGC	**12202**	Sa	22 49.5	+11 19	Peg	1.1	14.8	213

N	317	WK	170x	6m2	4-5

NGC	**7386**	L	22 50 02.0	+11 41 51	Peg	2.1	13.5	213

C	300	MW	190x	5m6	3-4	N	317	WK	170x	6m0	4-5
N	368	RV	230x	5m5	3-4						

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7389**	LB	22 50 16.0	+11 33 58	Peg	1.10	15.4	213
N	317	WK	170x	6m2	4-5			
NGC	**7387**	L	22 50 17.6	+11 38 12	Peg	0.70	15.3	213
N	317	WK	170x	6m2	4-5			
ngc	**7390**	L	22 50 19.5	+11 31 50	Peg	1.00	15.3	213
N	317	WK	312x	6m2	5			
UGC	**12214**		22 51.0	+31 22	Peg	1.4	14.1	123
N	317	WK	170x	5m5	4			
NGC	**7396**	Sa	22 52 22.6	+01 05 30	Psc	1.90	13.8	258
N	317	WK	170x	5m8	3-4			
NGC	**7397**	SB	22 52 46.6	+01 07 55	Psc	0.70	15.3	258
N	317	WK	170x	5m8	4-5			
NGC	**7398**	Sa	22 52 49.2	+01 12 04	Psc	1.20	14.6	258
N	317	WK	170x	5m8	4			
UGC	**12222**	Sb	22 52.5	+11 39	Peg	1.2	15.2	213
N	317	WK	170x	6m2	4-5			
NGC	**7407**	Sc	22 53 21.0	+32 07 45	Peg	2.00	14.0	123
N	317	WK	170x	5m5	3-4			
PGC	**69929**	C	22 53 29.4	+31 38 44	Peg	0.4	14.9	123
N	317	WK	312x	5m5	3-4			
IC	**1455**	SBa	22 53 46.0	+01 22 19	Psc	0.60	14.1	258
N	317	WK	170x	5m8	3-4			
NGC	**7409**	LB	22 53 48.0	+20 12 37	Peg	0.60	15.4	168
N	317	WK	170x	5m8	4-5			
NGC	**7411**	C	22 54 34.8	+20 14 10	Peg	1.00	14.4	168
N	317	WK	170x	5m8	4			
PGC	**70003**	S R	22 55 14.5	+36 40 17	Lac	0.6	14.9	123
N	317	WK	170x	5m8	4-5			
NGC	**7426**	E	22 56 03.0	+36 21 42	Lac	1.70	13.4	123
N	317	WK	170x	5m8	3			
NGC	**7422**	S/P	22 56 12.3	+03 55 35	Psc	1.00	14.3	258
N	317	WK	170x	5m8	4			
NGC	**7427**	L	22 57 09.8	+08 30 20	Peg	0.80	15.1	213
N	317	WK	170x	6m0	5			
NGC	**7428**	SBa	22 57 19.5	-01 02 59	Psc	2.40	13.5	258
N	317	WK	170x	5m8	3			
NGC	**7430**	S	22 57 29.7	+08 47 38	Peg	0.40	15.3	213
N	317	WK	170x	6m0	4			
NGC	**7436**	E M	22 57 57.5	+26 09 00	Peg	2.00	13.9	168
S	200	PE	110x	5m3	5			
N	317	WK	170x	5m8	3			
NGC	**7439**	LB	22 58 09.9	+29 13 42	Peg	1.00	14.9	123
S	200	MC	200x	5m8	7			
N	317	WK	170x	5m6	4-5			

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7437**	SBd	22 58 10.1	+14 18 29	Peg	1.80	14.0	213
N	200	HZ	120x	6m2	7			
NGC	**7434**	L	22 58 21.4	-01 11 02	Psc	0.60	14.6	258
N	317	WK	170x	5m8	4-5			
NGC	**7440**	SBa	22 58 32.5	+35 48 09	And	1.40	15.4	123
N	317	WK	170x	5m8	4-5			
NGC	**7445**	E	22 59 22.4	+39 06 27	And	0.70	15.6	88
N	317	WK	170x	5m8	4			
NGC	**7442**	Sc	22 59 26.6	+15 32 52	Peg	0.9	14.2	213
N	200	HZ	120x	6m5	5			
N	317	WK	170x	6m2	4			
N	300	HT	150x	6m7	3			
N	368	RV	230x	5m6	7			
NGC	**7446**	E	22 59 28.9	+39 04 58	And	0.80	15.2	88
N	317	WK	170x	5m8	3-4			
NGC	**7449**	C	22 59 37.6	+39 08 43	And	1.00	15.1	88
N	317	WK	170x	5m8	3-4			
UGC	**12281**	Sc	22 59.2	+13 36.3	Peg	3.5	14.6	213
N	609	SK	280x	5m9	5	s		
UGC	**12284**		22 59.2	+28 57	Peg	1.3	15.6	123
N	317	WK	170x	5m6	5			
NGC	**7448**	Sc	23 00 03.6	+15 58 46	Peg	2.7	12.2	213
R	80	DS	73x	5m9	4			
R	150	DS	120x	5m9	3			
S	200	DK	77x	4m9	3			
S	200	MC	100x	5m6	3-4			
N	203	KV	120x	6m5	3			
N	250	SB	150x	5m2	3			
S	280	PP	233x	6m5	1			
N	300	HT	150x	6m7	2			
N	317	WK	214x	6m2	2-3			
N	368	RV	230x	5m6	2-3			
N	150	GK	85x	6m1	4			
S	200	JL		5m0	3			
S	200	PE	78x	5m3	4-5			
N	200	DP	100x	4m5	4			
M	228	GI	78x	5m0	4			
S	250	FB	96x	5m6	4			
N	300	UN	50x	5m2	6			
C	300	MW	214x	5m6	3			
N	320	PI	144x	6m0	3			
PGC	**70233**	C	23 00 19.1	+16 22 57	Peg	0.2	17.0	213
N	317	WK	312x	6m0	5			
NGC	**7451**	SBb-c	23 00 40.6	+08 28 01	Peg	1.00	14.9	213
N	317	WK	170x	6m0	5			
NGC	**7457**	E/P	23 00 59.8	+30 08 39	Peg	4.1	12.0	123
R	80	DS	73x	5m9	5			
R	150	DS	120x	5m9	3-4			
S	250	FB	96x	5m6	3			
N	254	JM	141x	5m0	4	f		
N	317	WK	170x	5m6	3			
N	368	RV	230x	5m5	3			
N	150	GK	112x	6m1	3			
S	200	MC	133x	5m8	3			
N	250	SB	150x	6m2	2			
S	280	FD	80x	5m4	3			
N	318	DS	102x	5m7	3			
UGC	**12298**	Sba-b	23 00.2	+39 14	And	1.5	15.0	88
N	317	WK	170x	5m8	4-5			
NGC	**7454**	E4	23 01 06.6	+16 23 19	Peg	2.0	12.8	213
N	150	GK	160x	6m1	5			
S	200	MC	100x	5m8	3-4			
S	200	PE	78x	5m7	4			
N	250	SB	221x	5m2	3			
N	300	HT	150x	6m7	3			
N	320	PI	144x	5m8	3			
R	150	DS	120x	5m6	4-5			
S	200	DK	145x	4m9	3			
N	203	KV	200x	6m5	3-4			
C	300	MW	144x	5m7	3			
N	317	WK	214x	6m2	3			
N	368	RV	230x	5m6	3			

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7461**	LB	23 01 48.1	+15 34 55	Peg	0.8	14.5	213

N	200	HZ	120x	6m5	5		S	200	MC	200x	5m6	7
N	317	WK	170x	6m2	3-4		N	368	RV	230x	5m6	3

NGC	**7463**	SBb/P	23 01 51.8	+15 58 53	Peg	2.9	13.7	213

N	150	GK	160x	6m1	5		S	200	MC	100x	5m8	5
N	200	HZ	120x	6m5	4-5		S	200	PE	200x	5m7	4
N	203	KV	200x	6m5	4		N	250	SB	150x	5m2	3
C	300	MW	190x	5m7	4		N	300	HT	120x	6m7	3
N	317	WK	170x	6m2	3		N	320	PI	144x	5m8	3
N	368	RV	230x	5m6	6							

NGC	**7464**	E1/P	23 01 53.8	+15 58 26	Peg	0.5	14.3	213

N	150	GK	160x	6m1	5		N	200	HZ	120x	6m5	4-5
S	200	PE	200x	5m7	5		N	203	KV	200x	6m5	6
N	300	HT	120x	6m7	4		N	317	WK	170x	5m8	4-5
N	320	PI	144x	5m8	4		N	368	RV	230x	5m6	3

NGC	**7465**	LB	23 02 00.9	+15 57 53	Peg	1.2	13.3	213

N	150	GK	160x	6m1	5		N	200	HZ	120x	6m5	4-5
S	200	MC	100x	5m6	4		S	200	PE	78x	5m7	3-4
N	203	KV	200x	6m5	4		N	250	SB	221x	5m2	4
C	300	MW	190x	5m9	3		N	300	HT	120x	6m7	2
N	317	WK	170x	6m2	3		N	320	PI	250x	5m8	3
N	368	RV	230x	5m6	3							

NGC	**7466**	Sb	23 02 03.4	+27 03 09	Peg	1.50	15.2	168

N	317	WK	170x	5m8	4-5

NGC	**7468**	E3/P	23 02 59.2	+16 36 14	Peg	0.90	14.1	213

N	300	HT	150x	6m7	3		N	317	WK	170x	5m8	4
N	368	RV	230x	5m6	3-4							

NGC	**7469**	SBa	23 03 15.5	+08 52 24	Peg	1.40	12.9	213

S	200	MC	200x	5m8	3		N	250	SB	100x	5m6	4
N	317	WK	170x	5m	3							

IC	**5283**	Sc/P	23 03 17.7	+08 53 36	Peg	1.80	15.0	213

N	317	WK	312x	5m	4-5

PGC	**70357**	C	23 03 23.0	+41 22 53	And	0.8	14.9	88

N	317	WK	312x	5m8	4

NGC	**7473**	LB	23 03 57.1	+30 09 34	Peg	1.10	14.7	124

N	317	WK	170x	5m6	4

PGC	**70378**	C	23 04 02.5	+22 37 21	Peg		14.8	168

N	317	WK	312x	5m5	4-5

NGC	**7479**	SBb-c	23 04 56.7	+12 19 18	Peg	4.1	11.6	213

N	150	GK	53x	6m9	3		S	200	JL		5m0	3
N	200	KV	75x	5m0	3		N	200	JL	60x	5m0	3-4
N	200	HZ			3-4		N	200	GK	119x	5m6	3-4
S	200	MC	50x	5m4	3-4		M	228	GI	124x	5m0	5
S	250	FB	96x	5m2	3		N	250	SB	100x	5m3	2
C	300	MW	190x	5m7	3		N	317	WK	93x	6m2	3
N	320	PI	144x	6m7	2							

PGC	**70428**	L	23 05 07.6	+41 57 21	And	0.9	15.3	88

N	317	WK	170x	5m8	4

NGC	**7480**	Sa	23 05 13.5	+02 32 56	Psc	1.30	15.0	258

N	317	WK	170x	5m8	4-5

NGC	**7482**	E	23 05 38.6	+03 03 30	Psc	0.60	14.7	258

N	317	WK	170x	5m8	4

NGC	**7485**	L	23 06 04.8	+34 06 27	Peg	1.2	14.2	124

N	317	WK	170x	6m0	4

NGC	**7487**	C	23 06 50.5	+28 10 44	Peg	2.00	14.8	124

N	317	WK	170x	5m8	5

IC	**5285**	C R	23 06 58.9	+22 56 11	Peg	2.10	14.8	168

N	317	WK	170x	5m5	3-4

NGC	**7490**	Sb	23 07 25.1	+32 22 30	Peg	2.7	14.4	124

N	200	HZ	100x	6m5	5		N	317	WK	170x	6m0	4

NGC	**7489**	Sc	23 07 32.5	+22 59 50	Peg	2.10	14.1	168

N	317	WK	170x	5m5	4-5

NGC	**7495**	SBc	23 08 57.4	+12 02 51	Peg	1.8	13.7	213

N	200	HZ	120x	6m5	5

NGC	**7497**	SBc	23 09 03.5	+18 10 37	Peg	4.0	13.0	168

S	200	DK	145x	4m9	4		N	317	WK	93x	6m0	3

NGC	**7499**	L	23 10 22.3	+07 34 50	Psc	1.20	15.6	213

N	317	WK	170x	6m2	5

NGC	**7501**	E1	23 10 30.3	+07 35 20	Psc	0.50	15.8	213

N	317	WK	170x	6m2	5

NGC	**7503**	E2	23 10 42.2	+07 34 03	Psc	0.80	15.8	213

N	317	WK	170x	6m2	4-5

IC	**1473**	L	23 11 05.2	+29 38 33	Peg	1.80	13.9	124

N	317	WK	170x	6m2	4-5

NGC	**7506**	L	23 11 41.0	-02 09 37	Psc	1.70	14.0	258

N	317	WK	170x	5m2	4

NGC	**7512**	E	23 12 20.9	+31 07 30	Peg	1.80	13.7	124

N	200	HZ	120x	6m5	4-5		N	317	WK	170x	5m5	3

NGC	**7514**	S	23 12 25.5	+34 52 50	Peg	1.4	13.6	124

N	317	WK	170x	5m5	3-4

NGC	**7511**	S	23 12 26.3	+13 43 35	Peg	1.10	14.9	214

N	317	WK	170x	5m8	4-5

NGC	**7515**	S	23 12 48.6	+12 40 45	Peg	1.6	13.7	213

N	200	HZ	100x	6m5	3-4		N	317	WK	170x	5m8	3

NGC	**7527**	E	23 13 41.7	+24 54 08	Peg	1.30	15.2	169

N	200	HZ	100x	6m5	4-5		N	317	WK	170x	5m8	4

IC	**5292**	E	23 13 47.1	+13 41 11	Peg	0.80	15.5	214

N	317	WK	170x	5m8	4-5

NGC	**7536**	SBb	23 14 13.1	+13 25 34	Peg	1.90	14.1	214

N	200	HZ	120x	6m3	6		N	317	WK	170x	5m8	5

NGC	**7533**	L	23 14 22.0	-02 02 02	Psc	0.70	15.8	259

N	317	WK	170x	5m2	4-5

NGC	**7532**	LB	23 14 22.2	-02 43 42	Psc	1.40	14.3	259

N	317	WK	170x	5m2	4

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7534**	I	23 14 26.5	-02 42 00	Psc	1.00	14.5	259
N 317 WK 170x 5m2 4-5								
NGC	**7539**	L	23 14 29.4	+23 41 03	Peg	1.50	13.6	169
N 200 HZ 100x 6m3 4-5				N 317 WK 170x 5m8 3				
NGC	**7543**	S	23 14 34.5	+28 19 38	Peg	1.1	14.8	124
N 317 WK 170x 5m5 4								
NGC	**7537**	Sb-c	23 14 34.6	+04 29 54	Psc	2.3	13.8	259
N 200 HZ 120x 5m8 5				N 317 WK 170x 5m2 3-4				
NGC	**7541**	Sc	23 14 43.2	+04 32 02	Psc	3.5	12.4	259
N 200 HZ 120x 5m8 3-4				S 200 PE 78x 5m5 4				
N 317 WK 170x 5m2 3				N 318 DS 102x 5m3 3				
NGC	**7547**	SBa/P	23 15 03.4	+18 58 23	Peg	1.0	14.6	169
N 317 WK 170x 6m0 4-5								
NGC	**7546**	SBR	23 15 05.5	-02 19 34	Psc	1.10	14.5	259
N 317 WK 170x 5m2 5								
NGC	**7548**	LB	23 15 11.1	+25 16 53	Peg	1.10	14.4	169
N 200 HZ 100x 6m3 5				N 317 WK 170x 5m8 4				
NGC	**7550**	L	23 15 16.0	+18 57 37	Peg	1.4	13.2	169
S 200 PE 200x 5m0 5				N 317 WK 170x 6m0 3-4				
NGC	**7549**	SBc/P	23 15 17.1	+19 02 27	Peg	2.6	13.9	169
N 317 WK 170x 6m0 4-5								
NGC	**7553**	LB	23 15 33.0	+19 02 53	Peg		15.4	169
N 317 WK 312x 6m0 6								
NGC	**7558**	Sa	23 15 38.2	+18 55 11	Peg	0.3	15.8	254
N 317 WK 170x 6m0 5								
NGC	**7556**	L	23 15 44.4	-02 22 55	Psc	2.50	12.5	259
N 317 WK 170x 5m2 4								
NGC	**7559**	L M	23 15 46.5	+13 17 23	Peg	1.3	14.3	213
N 200 HZ 120x 6m5 4-5				N 317 WK 170x 5m8 4				
NGC	**7563**	SBa	23 15 55.9	+13 11 46	Peg	1.9	13.9	213
N 200 HZ 120x 6m5 4-5				N 317 WK 170x 5m8 3-4				
NGC	**7562**	E2	23 15 57.6	+06 41 12	Psc	2.3	12.6	214
N 150 GK 112x 6m5 4				S 200 PE 78x 5m5 3-4				
N 200 HZ 100x 6m1 4								
NGC	**7568**	S	23 16 24.9	+24 29 48	Peg	0.90	14.5	169
N 200 HZ 100x 6m2 5				N 317 WK 170x 5m8 4-5				
NGC	**7566**	S	23 16 37.4	-02 19 53	Psc	1.40	14.5	259
N 317 WK 170x 5m2 4								
NGC	**7570**	SBa	23 16 44.7	+13 28 58	Peg	1.60	13.9	214
N 200 HZ 120x 6m2 5								
UGC	**12474**	Sa	23 16.7	+33 59	Peg	1.2	14.1	124
N 317 WK 170x 5m5 3-4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7578**	E3	23 17 11.9	+18 42 03	Peg	1.0	14.9	169
N 317 WK 312x 6m0 5								
NGC	**7576**	L	23 17 22.7	-04 43 42	Aqr	1.30	13.7	259
N 317 WK 170x 5m6 3-4								
NGC	**7580**	S	23 17 36.6	+14 00 03	Peg	0.80	14.3	214
N 317 WK 170x 5m8 4								
UGC	**12482**	E	23 17.5	+29 01	Peg	1.4	14.4	124
N 317 WK 170x 5m5 4								
NGC	**7585**	S	23 18 01.3	-04 39 03	Aqr	2.3	12.3	259
S 200 PE 78x 5m5 3				N 317 WK 170x 5m6 3				
NGC	**7591**	SBb	23 18 16.2	+06 35 08	Psc	1.90	13.8	214
N 200 HZ 100x 6m2 5								
NGC	**7592**	P	23 18 22.0	-04 25 01	Aqr	1.10	15.0	259
N 317 WK 170x 5m6 4								
NGC	**7600**	E6	23 18 53.8	-07 34 50	Aqr	3.0	12.9	304
M 228 GI 78x 5m5 3-4				N 317 WK 170x 5m0 4				
NGC	**7603**	Sb/P	23 18 56.4	+00 14 37	Psc	1.60	14.1	259
N 317 WK 170x 5m6 3 f								
UGC	**12491**	SC	23 18.6	+42 57	And	1.0	14.9p	117
NGC	**7606**	Sb-c	23 19 04.8	-08 29 13	Aqr	5.8	11.5	304
S 200 PE 78x 5m5 3-4				N 200 GK 119x 5m6 3				
M 228 GI 78x 4m7 7				M 228 GI 124x 5m5 2				
N 317 WK 93x 5m0 3-4								
IC	**5309**	Sb	23 19 11.7	+08 06 34	Psc	1.70	14.5	214
N 250 SB 139x 6m3 4								
NGC	**7608**	S	23 19 15.3	+08 20 59	Peg	1.50	15.0	214
N 250 SB 139x 6m3 4								
NGC	**7609**	E/P	23 19 30.0	+09 30 29	Peg	1.1	14.7	214
N 317 WK 214x 6m2 4-5								
NGC	**7611**	SBa	23 19 36.5	+08 03 47	Psc	1.5	13.5	214
N 150 GK 53x 6m5 4				S 200 MC 100x 5m8 4				
N 200 KV 75x 6m0 3-4				N 200 HZ 190x 6m2 4-5				
N 250 SB 139x 6m3 3				N 300 HT 150x 6m7 3				
N 317 WK 170x 5m8 3-4				N 368 RV 230x 5m3 3-4				
NGC	**7612**	L	23 19 44.1	+08 34 35	Peg	1.5	13.7	214
N 200 HZ 120x 6m5 4-5				N 250 SB 300x 6m3 3				
N 317 WK 170x 5m8 3-4				N 368 RV 230x 5m3 4				
NGC	**7618**	E	23 19 47.3	+42 51 08	And	1.2	14.1	88
N 317 WK 170x 6m0 3-4								
NGC	**7613**	L	23 19 51.5	+00 25 21	Psc	0.20	17.0	259
N 8E+03 WK 170x 5m8 4								
NGC	**7615**	Sb	23 19 54.4	+08 23 56	Peg	0.90	15.2	214
N 250 SB 139x 6m3 5								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**12515**	S0	23 19.9	+26 16	Peg	1.3	14.1	169

N	317	WK	312x	5m8	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**71101**	C	23 20 02.9	+26 12 52	Peg	0.3	15.3	169

N	317	WK	312x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7620**	Sc	23 20 05.6	+24 13 13	Peg	1.0	13.6	169

N	200	HZ	120x	6m5	4-5
N	317	WK	170x	5m8	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7617**	L M	23 20 08.9	+08 09 56	Psc	0.90	15.8	214

N	250	SB	197x	6m3	4
N	300	HT	150x	6m7	4
N	317	WK	170x	5m8	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7619**	E1	23 20 14.6	+08 12 23	Peg	2.9	12.1	214

N	150	GK	53x	6m5	3
S	200	PE	78x	5m7	3
N	200	HZ	80x		3-4
M	228	GI	148x	5m0	3
N	250	SB	197x	6m3	2
N	300	HT	150x	6m7	2
N	317	TJ	177x	5m0	3
N	368	RV	230x	5m3	3
S	200	MC	133x	5m8	3
N	200	KV	75x	5m5	3
N	200	GK	91x	5m6	3
S	250	FB	96x	5m5	3
C	300	MW	190x	5m3	3
N	317	WK	170x	5m8	3
N	318	DS	102x	5m3	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7624**	Sc	23 20 22.6	+27 18 51	Peg	1.00	13.8	169

N	317	WK	170x	5m8	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7621**	S	23 20 24.7	+08 21 58	Peg	0.70	15.7	214

N	250	SB	139x	6m3	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7623**	L	23 20 29.9	+08 23 45	Peg	1.9	14.5	214

N	200	HZ	120x	6m5	4-5
N	317	WK	170x	5m8	3
N	368	RV	230x	5m3	3-4
N	250	SB	139x	6m3	3
N	318	DS	102x	5m3	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7625**	E/P	23 20 30.2	+17 13 34	Peg	1.8	12.8	214

S	200	DK	145x	4m9	3
N	200	GK	170x	5m6	3
S	200	MC	100x	5m6	3-4
N	317	WK	170x	6m0	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7626**	E2/P	23 20 42.6	+08 12 59	Peg	2.5	12.2	214

N	150	GK	53x	6m5	3
S	200	PE	78x	5m7	3
N	200	HZ	80x		3-4
M	228	GI	148x	5m0	3
N	250	SB	197x	6m3	2
N	300	HT	150x	6m7	2
N	317	TJ	177x	5m0	3
N	368	RV	230x	5m3	3
S	200	MC	100x	5m8	3
N	200	KV	75x	5m5	3
N	200	GK	91x	5m6	3
S	250	FB	96x	5m6	3
C	300	MW	190x	5m3	3
N	317	WK	170x	5m8	3
N	318	DS	102x	5m3	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7628**	E	23 20 55.0	+25 53 53	Peg	1.10	13.8	169

N	200	HZ	100x	6m5	5
N	317	WK	170x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**5315**	C	23 21 18.2	+25 23 07	Peg	1.40	14.6	169

N	200	HZ	100x	6m3	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7629**	L	23 21 19.3	+01 24 11	Psc	1.00	14.6	259

N	317	WK	170x	5m8	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7631**	Sb	23 21 26.7	+08 13 01	Peg	1.6	13.9	214

S	200	MC	200x	5m8	7
N	250	SB	139x	6m3	4
N	368	RV	230x	5m3	4-5
N	200	HZ	120x	6m5	4-5
N	300	HT	150x	6m7	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7634**	LB	23 21 41.7	+08 53 13	Peg	1.2	13.6	214

N	200	HZ	120x	6m5	4-5
N	250	SB	139x	6m3	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7640**	SBb-c	23 22 06.6	+40 50 40	And	11	11.8	88

N	110	CW	96x	5m2	7	
S	200	PE	50x	5m5	4	s
N	200	KV	75x	5m5	4	s
N	200	HZ	100x	6m2	3-4	
M	228	GI	78x	6m3	4	
C	300	MW	190x	5m8	3-4	
N	317	TJ	230x	5m5	4	
N	150	WK	100x	6m0	5	
S	200	MS	113x	5m0	4-5	LPR
N	200	XY	45x	5m0	4	
M	228	GI	78x	4m9	6	
S	280	FD	80x	5m4	3-4	
N	317	WK	170x	6m0	3-4	

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**12588**	Sbm	23 22.3	+41 04	And	1.6	13.2	88

N	110	CW	96x	5m2	7
N	400	CF	141x	6m0	3
N	317	WK	170x	6m0	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7649**	E3	23 24 20.1	+14 38 47	Peg	1.30	14.9	214

N	317	WK	170x	6m0	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
IC	**1487**	L	23 24 21.5	+14 30 24	Peg	1.30	16.3	214

N	317	WK	170x	6m0	5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7653**	Sb	23 24 49.1	+15 16 30	Peg	1.6	13.4	214

N	317	WK	93x	6m3	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7659**	L	23 25 55.5	+14 12 33	Peg	0.80	15.1	214

N	317	WK	170x	6m0	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7664**	Sc	23 26 39.7	+25 04 47	Peg	3.0	13.4	169

N	200	HZ	120x	6m5	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7671**	L	23 27 19.3	+12 28 02	Peg	1.7	13.8	214

N	200	JL	37x	5m0	6

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7673**	Sc/P	23 27 41.2	+23 35 19	Peg	1.7	13.2	169

N	200	KV	120x	5m0	4
S	200	MC	50x	5m6	4
N	320	PI	45x	6m3	3
N	200	HZ	120x	6m5	3-4
N	317	WK	170x	5m8	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7674**	Sb-c/P	23 27 56.7	+08 46 41	Peg	0.9	13.9	214

N	200	HZ	120x	6m5	4-5
N	317	WK	170x	6m2	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7675**	E2	23 28 05.8	+08 46 07	Peg	0.6	16.2	214

N	317	WK	170x	6m2	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7677**	SBb-c	23 28 06.1	+23 31 51	Peg	1.6	13.9	169

S	200	MC	133x	5m6	7
N	317	WK	312x	5m8	4-5
N	200	HZ	120x	6m5	4-5

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7678**	Sc	23 28 27.8	+22 25 14	Peg	2.3	12.5	169

N	150	GK	112x	6m5	5
S	200	PE	110x	5m3	4
N	203	KV	75x	6m5	3
N	317	WK	170x	5m8	3
N	320	PI	250x	6m0	3
R	150	DS	120x	5m8	4
N	200	HZ	100x	6m5	4
C	300	MW	144x	5m6	3-4
N	318	DS	102x	5m7	3-4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7680**	E/L	23 28 35.2	+32 24 54	Peg	1.80	13.5	124

N	317	WK	170x	6m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7679**	L	23 28 46.5	+03 30 37	Psc	1.9	13.5	259

N	317	WK	170x	5m2	3

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**71557**	S	23 28 52.4	+29 42 32	Peg	0.7	15.1	124

N	317	WK	170x	6m0	4

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
UGC	**12613**	Ir	23 28.6	+14 45	Peg	4.6	12.6	214

N	250	SB	139x	6m4	5-6
N	500	CF	71x	6m8	5

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7682**	SBa-b	23 29 03.8	+03 32 00	Psc	1.2	15.1	259
N 317 WK 170x 5m2 4-5								
UGC	**12625**	Sb	23 29.1	+29 47	Peg	1.6	15.0	124
N 317 WK 170x 6m0 4-5								
NGC	**7687**	C	23 30 54.4	+03 32 48	Psc	1.3	15.1	259
N 317 WK 170x 5m2 4								
UGC	**12646**	SBb	23 31.6	+25 57	Peg	1.8	14.0p	169
N 200 HZ 120x 6m5 5								
UGC	**12655**	S0	23 32.5	+23 56	Peg	1.4	13.8p	169
N 200 HZ 120x 6m5 5								
NGC	**7698**	L	23 34 01.5	+24 56 41	Peg	1.0	15.0	169
N 200 HZ 120x 6m5 4-5								
N 400 WK 170x 5m8 4								
NGC	**7703**	L	23 34 46.8	+16 04 31	Peg	2.3	14.5	214
N 317 WK 170x 6m3 4-5								
NGC	**7707**	L	23 34 51.3	+44 18 15	And	1.30	14.6	88
N 317 WK 170x 5m0 4								
NGC	**7711**	L	23 35 39.4	+15 18 04	Peg	2.60	13.1	214
N 317 WK 170x 5m8 3								
NGC	**7712**	E	23 35 51.5	+23 37 04	Peg	0.8	13.8	169
N 200 HZ 120x 6m5 4-5								
N 317 WK 170x 5m8 4								
NGC	**7714**	SBb/P	23 36 14.1	+02 09 15	Psc	1.90	13.0	259
N 317 WK 170x 5m5 3								
NGC	**7715**	I/P	23 36 21.7	+02 09 21	Psc	2.70	14.7	259
N 317 WK 170x 5m5 5								
IC	**5338**	E5	23 36 30.4	+21 08 41	Peg	1.0	15.0	169
N 317 WK 312x 6m0 5								
PGC	**71976**	C	23 38 18.3	+27 09 37	Peg		15.4	169
N 317 WK 312x 5m8 5								
IC	**5341**	C	23 38 26.7	+26 59 06	Peg	0.50	16.3	169
N 250 SB 197x 6m5 5 p								
N 317 WK 312x 5m8 5								
PGC	**71987**		23 38 28.6	+26 58 42	Peg		15.3	169
N 250 SB 197x 6m5 5								
NGC	**7720**	L/P	23 38 29.3	+27 01 50	Peg	1.9	13.4	169
N 200 KV 200x 6m5 3								
N 250 SB 197x 6m5 3								
N 317 WK 170x 5m8 3								
NGC	**7726**	C	23 38 36.2	+27 01 43	Peg	0.50	15.5	169
N 250 SB 197x 6m5 4								
N 317 WK 312x 5m8 5								
IC	**5342**	E	23 38 38.7	+27 00 41	Peg	1.40	16.1	169
N 317 WK 312x 5m8 4-5								
NGC	**7722**	L	23 38 40.9	+15 57 15	Peg	1.80	13.5	214
N 317 WK 170x 5m8 3-4								
PGC	**71994**		23 38 42.4	+27 12 37	Peg		15.5	169
N 250 SB 197x 6m5 4								
N 317 WK 312x 6m0 5								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
PGC	**71999**	C	23 38 48.4	+27 15 37	Peg		14.9	169
N 250 SB 197x 6m5 3								
N 317 WK 312x 6m0 4								
NGC	**7721**	Sc	23 38 48.6	-06 31 06	Aqr	3.4	12.3	304
M 228 GI 78x 5m5 3								
NGC	**7723**	Sb	23 38 57.0	-12 57 42	Aqr	3.6	11.9	304
S 200 PE 78x 5m5 3								
N 200 KV 75x 5m0 3								
N 200 GK 57x 5m6 3								
M 228 GI 78x 5m5 2								
S 250 FB 96x 5m7 3								
UGC	**12721**	SBb	23 39 12.0	+27 06 55	Peg	1.22	15.0	169
N 317 WK 312x 5m8 4-5								
PGC	**72027**		23 39 18.8	+27 14 43	Peg			169
N 250 SB 197x 6m5 4								
NGC	**7727**	SBa/P	23 39 53.7	-12 17 36	Aqr	4.2	11.5	304
S 200 PE 78x 5m5 3								
N 200 KV 75x 5m0 3								
N 200 GK 57x 5m6 3								
M 228 GI 78x 5m5 2								
S 250 FB 96x 5m7 3								
NGC	**7728**	E	23 40 00.7	+27 07 58	Peg	1.00	14.2	169
N 250 SB 197x 6m5 3								
N 317 WK 170x 5m8 4								
NGC	**7737**	L	23 42 46.3	+27 03 07	Peg	0.9	14.8	169
N 317 WK 170x 6m0 4								
NGC	**7741**	SBc	23 43 54.3	+26 04 29	Peg	4.0	11.7	169
R 80 DS 60x 5m7 7								
R 150 DS 60x 5m7 4-5								
N 200 KV 75x 5m0 3-4								
N 200 HZ 40x 6m5 3-4								
N 200 GK 57x 5m6 4								
S 200 PE 78x 5m5 4								
S 203 PK 60x 4								
N 317 WK 170x 5m8 3								
PGC	**72246**		23 44 01.0	+27 42 55	Peg		15.5	125
N 317 WK 312x 6m0 4-5								
NGC	**7742**	E0/P	23 44 15.7	+10 45 59	Peg	2.0	12.4	214
S 200 PE 78x 5m7 3								
S 200 DK 145x 4m7 3								
N 200 HZ 120x 5m8 3								
N 200 GK 91x 5m6 3								
N 317 WK 170x 5m8 3								
N 318 DS 102x 5m3 2-3								
N 400 CF 141x 6m2 2								
NGC	**7743**	SB0-a	23 44 21.1	+09 56 00	Peg	3.1	12.3	214
S 200 PE 50x 5m7 3								
S 200 DK 145x 4m7 3								
N 200 HZ 80x 5m8 3-4								
N 200 GK 119x 5m6 3								
N 250 SB 150x 5m6 3								
N 317 WK 170x 5m8 3								
N 318 DS 102x 5m3 3								
N 400 CF 141x 6m2 2								
NGC	**7747**	SBb	23 45 32.5	+27 21 36	Peg	1.5	14.4	125
N 317 WK 170x 6m0 4								
NGC	**7752**	I	23 46 58.5	+29 27 32	Peg	0.7	15.0	89
N 317 WK 170x 6m2 4								
N 430 AS 203x 6m0 3								
NGC	**7753**	SBb-c	23 47 04.8	+29 29 00	Peg	3.2	13.0	89
N 203 KV 200x 6m5 3								
N 317 WK 170x 6m2 3								
N 430 AS 203x 6m0 2 s								
IC	**5357**	E5	23 47 23.0	-02 18 04	Psc	0.90	14.4	215
N 317 WK 312x 6m0 4								
IC	**5356**	Sa	23 47 23.9	-02 21 06	Psc	0.90	14.9	215
N 317 WK 312x 6m0 4-5								

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Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
NGC	**7768**	E2	23 50 58.4	+27 08 50	Peg	1.6	13.3	125
N	317 WK 170x 5m5 3							
NGC	**7769**	Sc	23 51 04.1	+20 09 00	Peg	1.8	12.8	125
R	150 DS 120x 5m9 4			S 200 MC 100x 5m6 4				
N	200 KV 75x 5m0 3			N 200 HZ 100x 6m2 3-4				
S	200 PE 78x 5m7 4			S 203 PK 60x 4-5				
S	250 FB 96x 5m5 4			N 254 RV 140x 5m0 3-4				
N	317 WK 170x 5m8 3			N 318 DS 102x 5m7 3				
N	320 PI 144x 6m3 4							
NGC	**7770**	Sa	23 51 22.5	+20 05 47	Peg	1.0	14.5	125
R	150 DS 120x 5m9 5			S 203 PK 60x 7				
N	317 WK 170x 5m8 4			N 318 DS 102x 5m7 7				
NGC	**7771**	SBa	23 51 24.6	+20 06 42	Peg	2.7	13.0	169
R	150 DS 120x 5m9 4			S 200 MC 100x 5m6 4				
N	200 KV 75x 5m0 3			N 200 HZ 100x 6m2 3-4				
S	200 PE 78x 5m7 4			S 203 PK 60x 5				
N	254 RV 140x 5m0 3-4			N 317 WK 170x 5m8 3				
N	318 DS 102x 5m7 3							
PGC	**72639**	C	23 51 26.1	+20 35 08	Peg	0.7	15.0	125
N	317 WK 312x 6m2 4							
NGC	**7775**	Sc	23 52 24.4	+28 46 19	Peg	1.0	14.0	89
N	317 WK 170x 6m2 3-4							
NGC	**7777**	L	23 53 12.5	+28 17 00	Peg	1.2	14.4	89
N	317 WK 170x 5m5 3-4							
NGC	**7779**	S0-a	23 53 26.6	+07 52 32	Psc	1.3	13.7	170
N	317 WK 214x 6m2 3-4			N 318 DS 102x 5m3 3-4				
NGC	**7781**	S	23 53 45.9	+07 51 37	Psc	0.8	15.1	170
N	317 WK 214x 6m2 4-5			N 318 DS 102x 5m3 5				
NGC	**7782**	Sb	23 53 53.9	+07 58 12	Psc	1.9	13.1	170
N	317 WK 170x 6m2 3-4			N 318 DS 102x 5m3 3-4				
NGC	**7783A**	LB	23 54 10.1	+00 22 58	Psc	1.6	14.0	215
N	317 WK 312x 6m3 4			N 317 WK 312x 6m3 3-4				
NGC	**7784**	C	23 55 13.6	+21 45 44	Peg	0.50	15.7	125
N	317 WK 170x 6m2 4-5							
NGC	**7785**	E5	23 55 18.9	+05 54 56	Psc	2.3	12.6	170
N	200 GK 119x 5m8 3			S 200 PE 78x 5m0 4				
N	317 WK 170x 5m0 3			N 318 DS 102x 5m3 3				
NGC	**7786**	S	23 55 21.1	+21 35 17	Peg	0.5	14.1	125
N	200 HZ 120x 6m2 5			N 317 WK 170x 5m5 3-4				
NGC	**7787**	S	23 56 07.8	+00 32 57	Psc	1.8	15.3	215
N	317 WK 214x 6m2 3-4							
NGC	**7798**	S	23 59 25.6	+20 44 58	Peg	1.3	13.0	125
N	200 HZ 100x 6m2 4			N 317 WK 170x 6m0 4				

Quasare

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
QSO	**0014+81**		00 17.1	+81 35	Cep		16.5	3
N 500 CF 250x 6m8 5 p								
QSO	**0017+25**		00 19.7	+26 02	And		15.4	126
N 317 WK 312x 6m0 5								
QSO	**0026+12**	qs	00 29 13.8	+13 16 05	Psc		15.4	171
N 317 WK 312x 6m0 4-5								
1ZW	**1**	qs	00 53 34.9	+12 41 36	Psc	0.5	14.0	172
N 317 WK 170x 5m8 3-4								
S2	**0109+22**		01 12 05.8	+22 44 38	Psc		15.66	127
N 317 WK 312x 6m2 3-4 p								
3C	**66A**	BL	02 22 39.6	+43 02 08	And		15.8v	62
S 254 TE 214x 6m3 4								
N 317 WK 170x 6m0 3-4								
QSO	**0405-123**	qs	04 07 48.5	-12 11 36	Eri		14.9	268
N 317 WK 170x 5m2 4 p								
QSO	**0624+69**		06 30.0	+69 05	Cam		14.2	20
N 317 WK 312x 6m2 3-4								
QSO	**0702+64**	C	07 07.1	+64 37	Cam		14.5	21
N 317 WK 312x 6m2 4								
QSO	**0716+71**	qs	07 21 53.3	+71 20 36	Cam		15.5	21
N 317 WK 170x 5m8 3 p								
S5	**0716+71**		07 21.9	+71 20.6	Cam		13.9	21
N 250 SB 139x 6m2 3								
QSO	**0754+10**	qs	07 57 06.7	+09 56 35	Cnc		14.8	185
N 317 WK 312x 6m0 5								
1ES	**0806+52**	BL	08 09 49.2	+52 18 58	Lyn		15.3	43
N 317 WK 312x 5m8 5 p								
PGC	**0804+76**	qs	08 10 58.5	+76 02 43	Cam		14.7	7
N 317 WK 170x 5m8 3 p								
QSO	**0833+44**		08 36 59.9	+44 26 02	Lyn		15.6	70
N 317 WK 312x 5m8 5								
N 400 CF 240x 6m0 4-5 p								
QSO	**0851+20**		08 54.8	+20 06	Cnc	30	14.0	142
N 200 WK 136x 5m5 7								
N 317 WK 214x 6m2 4-5								
PG	**935+41**		09 38 57.0	41 28 21	Uma		16.1	71
N 508 AS 341x 6m2 4								
QSO	**0945+43**		09 49.0	+43 35	UMa		16.3	71
N 400 CF 240x 6m4 5 p								
QSO	**0953+41**		09 56.9	+41 16	LMi		14.5	71
N 317 WK 312x 6m2 4								
QSO	**0957+56**		10 01.3	+55 53	UMa	2.4	17.5	45
N 317 WK 312x 6m2 7								
N 500 CF 250x 6m8 5 a								
QSO	**1001+29**		10 04.1	+28 55	LMi		15.5	104
N 400 CF 240x 6m2 4 p								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
QSO	**1004+13**		10 07.4	+12 48	Leo		15var	189
N 317 WK 170x 6m2 4-5 2/9								
N 400 CF 240x 6m0 3-4 p								
4C	**41.21**		10 10.5	+41 32	UMa		16.5	72
N 400 CF 240x 6m4 4 p								
QSO	**1017+28**		10 19 56.6	+27 44 01	Leo		15.69	144
N 317 WK 312x 6m2 6								
HE	**1029-140**		10 31 54.3	-14 16 51.	Hya		13.9	280
N 317 WK 170x 5m5 3								
Mrk	**421**		11 04.5	+38 12	UMa		14var	106
M 150 PI 336x 3m9 3 98								
N 250 SB 197x 6m2 3								
N 317 WK 170x 6m2 3 2/9								
N 400 DP 227x 5m8 3 2/9								
PG	**1115+08**		11 18 17.0	07 46 00	Leo		16.2	191
N 508 AS 477x 5m6 5								
QSO	**1116+21**		11 19.1	+21 19	Leo		15.2	146
N 317 WK 170x 6m2 4								
Mrk	**180**		11 36.4	+70 09	Dra		14.5	25
N 317 WK 170x 5m5 4-5								
QSO	**1138+22**	qs	11 41 16.1	+21 56 22	Leo		14.9	147
N 317 WK 312x 6m0 4-5								
QSO	**1156+29**		11 59.5	+29 15	UMa		14var	107
N 317 WK 312x 6m0 5								
QSO	**1202+28**		12 04 42.1	+27 54 11	Com		15.51	148
N 317 WK 312x 6m2 6								
QSO	**1216+06**		12 19.3	+06 39	Vir		16var	193
N 317 WK 170x 5m5 3								
QSO	**1219+28**		12 21.5	+28 14	Com		16var	108
N 317 WK 170x 6m2 3								
Mrk	**205**		12 21.7	+75 18	Dra	0.1	14.5	9
S 254 TE 286x 6m6 5 p								
QSO	**1225+31**		12 28.4	+31 29	CVn		15.9	108
N 317 WK 312x 6m2 6								
3C	**273**		12 29.1	+02 03	Vir	1.3	13var	238
N 200 GK 91x 5m6 4								
N 200 WK 136x 5m8 3-4								
N 254 JM 181x 5m8 4								
N 300 HT 94x 6m2 2								
N 317 WK 170x 5m8 3								
N 400 CF 240x 6m3 2 p								
CSO	**151**		12 33 55.4	29 07 48	Com		16.2	108
N 508 AS 477x 6m2 6								
QSO	**1248+40**		12 50 48.3	+39 51 39	CVn		16.3	75
N 317 WK 312x 5m8 7								
3C	**279**		12 56 11.1	-05 47 21.	Vir		17.75	284
N 317 WK 312x 5m2 4								
QSO	**1302-102**		13 05 33.0	-10 33 19.	Vir		14.92	285
N 317 WK 312x 5m5 5								

Quasare

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
QSO	**1307+08**		13 09 47.1	+08 19 49	Vir		15.32	195
N 317 WK 170x 6m2 5								
QSO	**1351+64**		13 53 15.8	+63 45 44	Dra		14.84	27
N 317 WK 170x 6m2 3								
QSO	**1411+44**		14 13 48.3	+44 00 14	Boo		14.99	77
N 317 WK 170x 6m0 3-4								
QSO	**1422+23**		14 24 38.1	22 56 00.	Boo		16.5	152
N 508 AS 477x 6m3 5								
Mrk	**813**		14 27.2	+19 50	Boo	0.1	15.5p	152
N 317 WK 170x 6m2 4-5								
Mrk	**1383**	qs	14 29 06.6	+01 17 06	Vir		14.9	242
N 317 WK 312x 5m4 4-5								
QSO	**1435+63**		14 36 45.8	+63 36 37	Dra		15.0	27
N 317 WK 170x 6m0 7								
Mrk	**478**		14 42.1	+35 26	Boo	0.2	15.0p	111
N 317 WK 170x 6m2 3								
QSO	**1442+29**		14 44 53.7	29 19 05.	Boo		16.2	111
N 508 AS 477x 6m3 4								
QSO	**1510-089**		15 12 50.5	-09 05 59.	Lib		16.54	288
N 317 WK 170x 5m4 7								
QSO	**1514-241**		15 17.7	+24 22	Lib		15var	334
N 317 WK 214x 5m0 6								
N 317 WK 170x 4m0 7								
QSO	**1542+54**		15 43 59.4	53 59 03.	Dra		16	51
N 508 AS 477x 6m2 5								
QSO	**1553+11**		15 55 43.0	+11 11 24	Ser		14.83	200
N 317 WK 170x 6m0 3								
Mrk	**876**	qs	16 13 57.2	+65 43 09	Dra		15.5	29
N 317 WK 170x 5m8 4								
Mrk	**877**	qs	16 20 11.3	+17 24 28	Her		15.4	156
N 317 WK 312x 5m8 7								
QSO	**B1634+7**		16 34 28.9	+70 31 32	Dra		14.66	29
S 254 TE 214x 6m7 4								
QSO	**1634+70**		16 34.5	+70 31	Dra		14.9	29
N 317 WK 170x 6m0 4-5								
3C	**345**		16 42 58.8	+39 48 37	Her		15.96	80
N 317 WK 312x 5m8 7								
QSO	**1700+51**		17 01 24.8	+51 49 21	Dra		15.10	52
N 317 WK 170x 6m0 3-4								
3C	**351**		17 04 41.4	+60 44 30	Dra		15.28	52
N 317 WK 214x 6m2 4-5								
QSO	**1718+48**		17 19.6	+48 04	Her		15.3	81
N 317 WK 312x 5m5 4								

Kat	Nr.	Class	RA.	Dec	Con	Size	Mag	Uran
QSO	**1720+24**		17 22 41.3	+24 36 19	Her		16.42	158
N 317 WK 312x 5m8 7								
QSO	**1727+50**	BL	17 28 18.6	+50 13 11	Her		16	52
N 317 WK 312x 6m0 5								
N 317 WK 312x 5m8 7								
QSO	**1749+26**	qs	17 51 05.5	+26 59 02	Her		15.1	158
N 317 WK 312x 6m0 5 p								
S5	**1803+78**		18 00 45.6	+78 28 04	Dra		16.4	12
N 317 WK 312x 5m5 4 p								
3C	**371**		18 06.8	+69 49	Dra		14.2	30
N 317 WK 312x 6m2 62 4								
QSO	**1821+64**	qs	18 21 57.3	+64 20 36	Dra		14.1	30
N 317 WK 170x 5m8 3								
QSO	**1831+73**		18 30 23.1	+73 13 10	Dra		15.5	12
N 317 WK 312x 5m8 4								
QSO	**1959+65**	BL	19 59 59.9	+65 08 55	Dra		14.5	32
N 317 WK 312x 6m0 5								
4C	**74.26**		20 42.4	+75 05	Cep		15.5	13
N 317 WK 312x 5m8 4								
N 400 CF 240x 6m4 3-4 p								
Mrk	**509**	qs	20 44 09.7	-10 43 24	Aqr		13.12	299
N 317 WK 312x 5m8 3								
2Z	**136**	qs	21 32 27	+10 08 19	Peg		14.6	210
N 317 WK 170x 6m0 4								
QSO	**2135-147**		21 37.8	-14 33	Cap		15var	301
N 400 CF 320x 6m3 4 p								
QSO	**2200+42**		22 02.7	+42 16	Lac	1.3	15var	87
N 317 WK 312x 6m2 5-6 8/96								
N 317 WK 312x 6m2 5-6 1/99								
N 317 WK 312x 6m2 3 8/99								
Mrk	**304**	qs	22 17 12.2	+14 14 21	Peg		14.6	207
N 317 WK 312x 6m0 4								
QSO	**2251-178**	qs	22 54 05.9	-17 34 55	Aqr		14.4	303
N 317 WK 312x 5m0 4-5								
Mrk	**926**		23 04.7	-08 41	Aqr	0.5	15.0	303
N 317 WK 312x 6m0 5								
4C	**09.72**		23 11.3	+10 08	Peg		16.0	213
N 400 CF 320x 6m2 4-5 p								
QSO	**2344+51**	BL	23 47 04.8	+51 42 18	Cas		15.5	35
N 317 WK 312x 6m0 4-5								
QSO	**2349-014**		23 51.9	-01 09	Psc		15var	215
N 400 CF 240x 6m4 4-5 p								
QSO	**2344+09**		2346.6	+09 30	Peg		16var	170
N 400 CF 320x 6m2 4-5 p								