

The Digital Universe Definitions

COLLABORATORS

	<i>TITLE :</i> The Digital Universe Definitions		
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Contents

1	The Digital Universe Definitions	1
1.1	Definitions	1
1.2	Astronomical Terminology	1
1.3	Computer Terminology	5
1.4	Aberration	5
1.5	Absolute Zero	6
1.6	Æther	6
1.7	Albedo	6
1.8	Altitude	6
1.9	Analemma	6
1.10	Annual	6
1.11	Angstrom	6
1.12	Apparent Position	7
1.13	Aphelion	7
1.14	Apogee	7
1.15	Areographic	7
1.16	Asterism	7
1.17	Asteroid	7
1.18	Astronomical Unit	7
1.19	Autumnal Equinox	8
1.20	Azimuth	8
1.21	Bayer designation	8
1.22	Belt	8
1.23	Binary Star	8
1.24	Black Hole	8
1.25	Blink Comparator	8
1.26	Celestial Equator	9
1.27	Celestial Poles	9
1.28	Celestial Sphere	9
1.29	Centaur	9

1.30 Chromosphere	9
1.31 Globular Cluster	9
1.32 Open Cluster	9
1.33 Comet	10
1.34 Conjunction	10
1.35 Inferior Conjunction	10
1.36 Superior Conjunction	10
1.37 Constellation	10
1.38 Contact	10
1.39 Convection	10
1.40 Convection Zone	11
1.41 Core	11
1.42 Corona	11
1.43 Cosmology	11
1.44 Crescent	11
1.45 Declination	11
1.46 Deep Sky	11
1.47 Diurnal	12
1.48 Doppler Shift	12
1.49 Earthshine	12
1.50 Eclipse, Annular	12
1.51 Eclipse, Lunar	12
1.52 Eclipse, Partial	12
1.53 Eclipse, Solar	12
1.54 Eclipse, Total	13
1.55 Ecliptic	13
1.56 Ecliptic Coordinates	13
1.57 Ecliptic Latitude	13
1.58 Ecliptic Longitude	13
1.59 Eccentricity	13
1.60 Ejecta Blanket	13
1.61 Elongation	14
1.62 Ephemeris	14
1.63 Ephemeris Time (ET)	14
1.64 Epoch	14
1.65 Escape velocity	14
1.66 Equation of Time	14
1.67 Equatorial Coordinates	14
1.68 Fireball	15

1.69 Fission	15
1.70 Flamsteed number	15
1.71 Solar Flares	15
1.72 Fusion	15
1.73 Galactic Coordinates	15
1.74 Galactic Latitude	15
1.75 Galactic Longitude	16
1.76 Galaxy	16
1.77 Seyfert Galaxy	16
1.78 Gas Giant Planet	16
1.79 Gegenschein, or Counterglow	16
1.80 Geocentric	16
1.81 Gibbous	16
1.82 Graben	17
1.83 Granulation	17
1.84 Heliocentric	17
1.85 Heliographic	17
1.86 Heliopause	17
1.87 Horizon Coordinate System	17
1.88 Hour Angle	17
1.89 Hubble's Law	18
1.90 Hydrogen Alpha line	18
1.91 IAU (International Astronomical Union)	18
1.92 IC Objects	18
1.93 Inclination	18
1.94 Julian Date	18
1.95 Kelvin	18
1.96 Kuiper Belt	19
1.97 Leap Second	19
1.98 Leap Year	19
1.99 Libration	19
1.100Light Year	19
1.101Limb	19
1.102Limb Darkening	19
1.103Magnitude	20
1.104Absolute Magnitude	20
1.105Apparent Magnitude	20
1.106B-V Magnitude	20
1.107Limiting Magnitude	20

1.108 Visual Magnitude	20
1.109 Meridian	20
1.110 Messier Objects	21
1.111 Meteor	21
1.112 Meteor Shower	21
1.113 Meteorite	21
1.114 Meteoroid	21
1.115 Milky Way	21
1.116 Nadir	21
1.117 Naked Eye	22
1.118 Nebula	22
1.119 Emission Nebula	22
1.120 Absorption Nebula	22
1.121 Planetary Nebula	22
1.122 Reflection Nebula	22
1.123 Neutron Star	22
1.124 NGC Objects	23
1.125 Nova	23
1.126 Nutation	23
1.127 Oblate	23
1.128 Obliquity	23
1.129 Occultation	23
1.130 Oort Cloud	23
1.131 Opposition	24
1.132 Orbital Elements	24
1.133 Parallax	24
1.134 Geocentric, or Diurnal Parallax	24
1.135 Heliocentric, or Annual Parallax	24
1.136 Parsec	24
1.137 Penumbra	24
1.138 Perigee	25
1.139 Perihelion	25
1.140 Perturbation	25
1.141 Phase Angle	25
1.142 Photosphere	25
1.143 Position Angle	25
1.144 Precession	25
1.145 Prominences and Filaments	26
1.146 Proper Motion	26

1.147Pulsar	26
1.148Quadrature	26
1.149Quasar	26
1.150Radiant	26
1.151Radiative Zone	26
1.152Reflecting Telescope	27
1.153Refracting Telescope	27
1.154Refraction	27
1.155Retrograde	27
1.156Revolution	27
1.157Right Ascension	27
1.158Rotation	27
1.159Differential Rotation	28
1.160Saros	28
1.161Selenographic	28
1.162Semidiameter	28
1.163Semimajor Axis	28
1.164Sidereal	28
1.165Solstice	28
1.166Spectrum	29
1.167Spectral Classification	29
1.168Spicule	29
1.169Sunspot	29
1.170Supernova	29
1.171Synodic	29
1.172System I	29
1.173System II	30
1.174System III	30
1.175Syzygy	30
1.176Terminator	30
1.177Terrestrial Planet	30
1.178Topocentric	30
1.179Transit	30
1.180Twilight	31
1.181Umbra	31
1.182Variable Star	31
1.183Algol Systems	31
1.184Beta Canis Majoris variable	31
1.185Cepheids	31

1.186Circumpolar	31
1.187Cluster	32
1.188Dwarf Cepheid variable	32
1.189Dwarf Eclipsing variables	32
1.190Dwarf Novae, or SS Cygni variables	32
1.191Ellipsoidal variables	32
1.192Flare Stars	32
1.193Irregular variables	32
1.194Long period variables	33
1.195Lyrid systems, or Beta Lyrae variable stars	33
1.196Nova-like stars	33
1.197R Corona Borealis variables	33
1.198Recurrent Nova	33
1.199Cluster, or RR Lyrae variables	33
1.200RV Tauri variable	33
1.201Semi-regular variables	34
1.202Vernal Equinox	34
1.203White Dwarf	34
1.204Anomalistic Year	34
1.205Besselian (Tropical) Year	34
1.206Eclipse Year	34
1.207Gaussian Year	34
1.208Gregorian Year	35
1.209Julian Year	35
1.210Sidereal Year	35
1.211Zenith	35
1.212ZHR (Zenithal Hourly Rate)	35
1.213Zodiac	35
1.214Zodiacal light	35
1.215Zone	36
1.216Gadgets & Requesters	36
1.217Hypertext	36
1.218Radio Button	36

Chapter 1

The Digital Universe Definitions

1.1 Definitions

Definitions are available in the following two categories:

- Astronomy
- Computers

1.2 Astronomical Terminology

- A.U.
- aberration
- absolute zero
- aether
- albedo
- altitude
- analemma
- annual
- angstrom
- apparent position
- aphelion
- apogee
- areographic
- asterism
- asteroid
- astronomical unit
- atomic time
- autumnal equinox
- azimuth
- Bayer designation
- belt
- binary star
- black hole
- blink comparator
- celestial equator
- celestial poles
- celestial sphere
- Centaur

Cepheid
chromosphere
circumpolar
cluster
cluster, globular
cluster, open (galactic)
comet
conjunction
conjunction, inferior
conjunction, superior
constellation
contact
convection
convection zone
core
corona
cosmology
counterglow
crescent
declination
deep sky
diurnal
doppler shift
dynamical time
earthshine
eclipse, annular
eclipse, lunar
eclipse, partial
eclipse, solar
eclipse, total
ecliptic
ecliptic coordinate system
ecliptic latitude
ecliptic longitude
eccentricity
ejecta blanket
elongation
ephemeris
ephemeris time
epoch
escape velocity
equation of time
equatorial coordinate system
filament
fireball
fission
Flamsteed number
flare
fusion
galactic coordinate system
galactic latitude
galactic longitude
galaxy
galaxy, Seyfert
gas giant planet
gegenschein
geocentric

gibbous
graben
granulation
GST
H-R diagram
heliocentric
heliographic
heliopause
horizon coordinate system
hour angle
Hubble's Law
hydrogen-alpha line
IAU
IC object
inclination
Julian Date
kelvin
Kuiper Belt
leap second
leap year
libration
light year
limb
limb darkening
local time
LST
LT
magnitude
magnitude, absolute
magnitude, apparent
magnitude, B-V
magnitude, limiting
magnitude, visual
meridian
messier object
meteor
meteor shower
meteorite
meteoroid
Milky Way
minor planet
nadir
naked eye
nebula
nebula, emission
nebula, absorption
nebula, planetary
nebula, reflection
neutron star
NGC object
nova
nova, recurrent
nutation
oblate
obliquity
occultation
Oort cloud

opposition
orbital elements
parallax
parallax, geocentric or diurnal
parallax, heliocentric or annual
parsec
penumbra
perigee
perihelion
perturbation
phase angle
photosphere
position angle
precession
prominence
proper motion
pulsar
quadrature
quasar
radiant
radiative zone
reflecting telescope
refracting telescope
refraction
retrograde
revolution
right ascension
rotation
rotation, differential
Saros
selenographic
semidiameter
semimajor axis
Seyfert galaxy
sidereal
sidereal time
solstice
spectrum
spectral classification
spicule
sunspot
supernova
synodic
System I
System II
System III
syzygy
TAI
TD
TDB
TDT
terminator
terrestrial planet
topocentric
transit
twilight
umbra

universal time (UT)
UT0
UT1
UTC
variable star
variable, Algol systems
variable, Beta Canis Majoris
variable, Beta Lyrae
variable, Cepheids
variable, Cluster
variable, Dwarf Cepheids
variable, Dwarf Eclipsing
variable, Dwarf Novae
variable, Ellipsoidal
variable, Flare stars
variable, Irregular
variable, Long period
variable, Lyrid systems
variable, Nova-like stars
variable, R Corona Borealis
variable, Recurrent Novae
variable, RR Lyrae
variable, RV Tauri
variable, Semi-regular
variable, SS Cygni
vernal equinox
white dwarf
year, anomalistic
year, Besselian (tropical)
year, eclipse
year, Gaussian
year, Gregorian
year, Julian
year, sidereal
zenith
ZHR
zodiac
zodiacal light
zone

1.3 Computer Terminology

gadget
hypertext
radio button

1.4 Aberration

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.5 Absolute Zero

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.6 Æther

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.7 Albedo

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.8 Altitude

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.9 Analemma

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.10 Annual

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.11 Angstrom

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.12 Apparent Position

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.13 Aphelion

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.14 Apogee

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.15 Areographic

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.16 Asterism

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.17 Asteroid

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.18 Astronomical Unit

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.19 Autumnal Equinox

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.20 Azimuth

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.21 Bayer designation

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.22 Belt

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.23 Binary Star

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.24 Black Hole

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.25 Blink Comparator

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.26 Celestial Equator

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1.27 Celestial Poles

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1.28 Celestial Sphere

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1.29 Centaurs

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.30 Chromosphere

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1.31 Globular Cluster

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1.32 Open Cluster

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.33 Comet

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1.34 Conjunction

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1.35 Inferior Conjunction

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.36 Superior Conjunction

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1.37 Constellation

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1.38 Contact

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1.39 Convection

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1.40 Convection Zone

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1.41 Core

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.42 Corona

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.43 Cosmology

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1.44 Crescent

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.45 Declination

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.46 Deep Sky

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.47 Diurnal

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.48 Doppler Shift

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.49 Earthshine

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.50 Eclipse, Annular

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1.51 Eclipse, Lunar

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1.52 Eclipse, Partial

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.53 Eclipse, Solar

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.54 Eclipse, Total

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.55 Ecliptic

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1.56 Ecliptic Coordinates

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1.57 Ecliptic Latitude

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1.58 Ecliptic Longitude

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1.59 Eccentricity

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1.60 Ejecta Blanket

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1.61 Elongation

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1.62 Ephemeris

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1.63 Ephemeris Time (ET)

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.64 Epoch

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.65 Escape velocity

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.66 Equation of Time

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.67 Equatorial Coordinates

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1.68 Fireball

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1.69 Fission

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1.70 Flamsteed number

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1.71 Solar Flares

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1.72 Fusion

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1.73 Galactic Coordinates

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1.74 Galactic Latitude

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1.75 Galactic Longitude

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1.76 Galaxy

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1.77 Seyfert Galaxy

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1.78 Gas Giant Planet

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1.79 Gegenschein, or Counter glow

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1.80 Geocentric

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1.81 Gibbous

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1.82 Graben

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1.83 Granulation

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1.84 Heliocentric

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1.85 Heliographic

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1.86 Heliopause

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.87 Horizon Coordinate System

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1.88 Hour Angle

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.89 Hubble's Law

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1.90 Hydrogen Alpha line

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1.91 IAU (International Astronomical Union)

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.92 IC Objects

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.93 Inclination

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.94 Julian Date

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1.95 Kelvin

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1.96 Kuiper Belt

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1.97 Leap Second

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1.98 Leap Year

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1.99 Libration

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1.100 Light Year

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1.101 Limb

This information is not provided with the demonstration version of "The Digital Universe". Please consult Ordering The Digital Universe for more information on how to obtain a registered version.

1.102 Limb Darkening

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1.103 Magnitude

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1.104 Absolute Magnitude

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1.105 Apparent Magnitude

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1.106 B-V Magnitude

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1.107 Limiting Magnitude

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1.108 Visual Magnitude

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1.109 Meridian

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1.110 Messier Objects

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1.111 Meteor

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1.112 Meteor Shower

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1.113 Meteorite

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1.114 Meteoroid

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1.115 Milky Way

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1.116 Nadir

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1.117 Naked Eye

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1.118 Nebula

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1.119 Emission Nebula

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1.120 Absorption Nebula

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1.121 Planetary Nebula

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1.122 Reflection Nebula

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1.123 Neutron Star

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1.124 NGC Objects

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1.125 Nova

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1.126 Nutation

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1.127 Oblate

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1.128 Obliquity

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1.129 Occultation

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1.130 Oort Cloud

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1.131 Opposition

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1.132 Orbital Elements

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1.133 Parallax

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1.134 Geocentric, or Diurnal Parallax

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1.135 Heliocentric, or Annual Parallax

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1.136 Parsec

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1.137 Penumbra

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1.138 Perigee

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1.139 Perihelion

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1.140 Perturbation

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1.141 Phase Angle

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1.142 Photosphere

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1.143 Position Angle

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1.144 Precession

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1.145 Prominences and Filaments

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1.146 Proper Motion

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1.147 Pulsar

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1.148 Quadrature

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1.149 Quasar

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1.150 Radiant

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1.151 Radiative Zone

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1.152 Reflecting Telescope

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1.153 Refracting Telescope

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1.154 Refraction

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1.155 Retrograde

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1.156 Revolution

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1.157 Right Ascension

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1.158 Rotation

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1.159 Differential Rotation

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1.160 Saros

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1.161 Selenographic

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1.162 Semidiameter

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1.163 Semimajor Axis

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1.164 Sidereal

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1.165 Solstice

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1.166 Spectrum

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1.167 Spectral Classification

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1.168 Spicule

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1.169 Sunspot

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1.170 Supernova

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1.171 Synodic

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1.172 System I

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1.173 System II

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1.174 System III

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1.175 Syzygy

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1.176 Terminator

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1.177 Terrestrial Planet

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1.178 Topocentric

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1.179 Transit

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1.180 Twilight

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1.181 Umbra

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1.182 Variable Star

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1.183 Algol Systems

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1.184 Beta Canis Majoris variable

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1.185 Cepheids

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1.186 Circumpolar

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1.187 Cluster

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1.188 Dwarf Cepheid variable

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1.189 Dwarf Eclipsing variables

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1.190 Dwarf Novae, or SS Cygni variables

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1.191 Ellipsoidal variables

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1.192 Flare Stars

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1.193 Irregular variables

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1.194 Long period variables

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1.195 Lyrid systems, or Beta Lyrae variable stars

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1.196 Nova-like stars

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1.197 R Corona Borealis variables

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1.198 Recurrent Nova

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1.199 Cluster, or RR Lyrae variables

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1.200 RV Tauri variable

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1.201 Semi-regular variables

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1.202 Vernal Equinox

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1.203 White Dwarf

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1.204 Anomalistic Year

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1.205 Besselian (Tropical) Year

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1.206 Eclipse Year

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1.207 Gaussian Year

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1.208 Gregorian Year

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1.209 Julian Year

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1.210 Sidereal Year

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1.211 Zenith

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1.212 ZHR (Zenithal Hourly Rate)

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1.213 Zodiac

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1.214 Zodiacal light

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1.215 Zone

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1.216 Gadgets & Requesters

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1.217 Hypertext

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1.218 Radio Button

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