

CDS – VIZIER
Divers catalogues de première recherche
<http://vizier.u-strasbg.fr/viz-bin/VizieR>

Etoiles positions

- I/252 The USNO-A2.0 Catalogue (Monet+ 1998)
526,280,881 stars, Surveys ; Positional data
- I/254 The HST Guide Star Catalog, Version 1.2 (Lasker+ 1996)
19 million objects brighter than sixteenth magnitude
- I/255 The HST Guide Star Catalog, Version GSC-ACT (Lasker+ 1996-99)
19 million objects brighter than sixteenth magnitude, of which more than 15 million are classified as stars. This catalog provides positions and magnitudes for these stars.
- I/259 The Tycho-2 Catalogue (Hog+ 2000)
Catalogue of the 2.5 Million Brightest Stars, ADC_Keywords: Positional data ; Proper motions ; Surveys ; Photometry ; Stars, double and multiple- stars: fundamental parameters - catalogs
- I/271 The GSC 2.2 Catalogue (STScI, 2001)
455851237 objects. Surveys ; Positional data ; Magnitudes, photographic ;Morphology
The GSC2.2 is a preliminary version of GSC II generated to support telescope operations at the GEMINI and VLT telescopes. The magnitude limits are 18.5 in photographic F (red) or 19.5 in photographic J (blue) or V.
- I/239 The Hipparcos and Tycho Catalogues (ESA 1997)
1058332 objets. Positional data ; Proper motions ; Parallaxes, trigonometric ; Photometry ; Fundamental catalog ; Stars, double and multiple
- I/250 The Tycho Reference Catalogue (Hog+ 1998)
990182 objets. Positional data; Proper motions ; Astrographic zones; Historical catalog; Photographic catalog; Surveys; Cross identifications
- I/280A All-sky Compiled Catalogue of 2.5 million stars (Kharchenko 2001)
Combined data; Positional data; Proper motions; Parallaxes, trigonometric; Photometry; Spectral types; Stars, variable; Stars, double and multiple; Cross identifications

Etoiles brillantes

- V/50 Bright Star Catalogue, 5th Revised Ed. (Hoffleit+, 1991)
9110objects. The Bright Star Catalogue (BSC) (9110 objects) is widely used as a source of basic astronomical and astrophysical data for stars brighter than magnitude 6.5. The catalog contains the identifications of included stars in several other widely-used catalogs, double- and multiple-star identifications, indication of variability and variable-star identifiers, equatorial positions for B1900.0 and J2000.0, galactic coordinates, UBVRi photoelectric photometric data when they exist, spectral types on the Morgan-Keenan (MK) classification system, proper motions (J2000.0), parallax, radial- and rotational-velocity data, and multiple-star information (number of components, separation, and magnitude differences) for known nonsingle stars. In addition to the data file, there is an extensive remarks file that gives more detailed information on individual entries. This information includes star names, colors, spectra, variability details, binary characteristics, radial and rotational velocities for companion stars, duplicity information, dynamical parallaxes, stellar dimensions (radii and diameters), polarization, and membership in stellar groups and clusters. The existence of remarks is flagged in the main data file.
- I/113A General Catalogue of 33342 stars (GC) (Boss 1937)
Fundamental catalog ; Positional data ; Proper motions ; Stars, fundamental
- II/128 Photometric Data for the Bright Stars (Hauck+, 1986)
9030 stars. Photometry; Stars, bright References are given to the photometric data available for 9008 stars in the Bright Star Catalog.
- V/36B Supplement to the Bright Star Catalogue (Hoffleit+ 1983)
Combined data ; Stars, bright 2611
Data included in the catalog "bsc4s.dat" are HD number; DM number; SAO number; double-star code or identification; variable-star identification; right ascension (B1900) declination, right ascension (B2000)

declination; galactic coordinates; V magnitude; B-V, U-B, R-I colors; spectral type; annual proper motions; parallax; radial velocity (km/s): and projected rotational velocity $v \sin i$ (km/s). Data included for multiple stars are magnitude difference, separation (arcsec), position angle (PA) of components, component identifications (A, B, ...), and number of components (N). A remarks flag is included as a pointer to a remarks file.

- V/53A Catalogue of the Brightest Stars (Ochsenbein+ 1988)
1628 object. magnitude 5.01 contained in the "catalogue des etoiles les plus brillantes" by Ochsenbein et al. (1984), compiled from the fourth edition of The Bright Star Catalogue (Hoffleit 1982). It differs from the original printed version by the following points: - the star designations in Hipparcos catalogue were added, as well as the positions expressed in the International Celestial Reference System (ICRS) (A) - the parallax and proper motion data were replaced by the Hipparcos values for almost all the bright stars (A) - the distances (expressed in light-years) were computed (A) - ecliptic coordinates were added to astrometric data - UBVR photometry was taken from Lanz (1986); for that reason, three stars (HR 3229, HR 4392 and HR 6161) are fainter than 5 mag. Moreover, the blanks due to unknown indices were filled with the value 99.99 (or 99.999 for the uvbyHbeta photometry). - the greek letter "delta" that appears in some spectral types is now written in latin letters instead of the code "<04>". - the luminosity classes are coded as integer numbers in an additional column. - the number of components of visual double stars is given. (A) indicates data added for version 'A'
- I/258 Pleiades positions and proper motions (Wang+, 1996)
441 stars. High precision positions and proper motions of 441 stars in the Pleiades astrometric standard region

Photométrie

- I/267 The APM-North Catalogue (McMahon+, 2000)
- I/261 The FON Astrographic Catalogue (FONAC) (Kislyuk+ 1999)
2,008,383 objets
- I/197A Tycho Input Catalogue, Revised version (Egret+ 1992)
three million stars brighter than $V=12.1$
- II/124A UBV and MK types in Open Clusters, 3rd ed. (Mermilliod 1986)
<Astron. Astrophys. Suppl. Ser. 24, 159 (1st Ed.)> [VizieR query form] · [ftp] · (16087 stars, 2.0Mb - Added: 10-Apr-1995)

Identifications dans différents catalogues

- IV/12 SAO-HD-GC-DM Cross Index (ADC 1983) (Roman+ 1983)
258944 objects. Cross identifications
- IV/17A HD,HDE,DM Identifications in Open Clusters (Mermilliod 1986)
9543 objects. compilation of cross-identifications between the numbering system of Mermilliod (1978)

Objets non stellaires

- IV/24 Catalogue of Galactic Planetary Nebulae (Kohoutek, 2001)
continuation of CGPN(1967) and contains 1510 objects

Histoire

- V/61 Almagest (Ptolemy's Star Catalog)
This catalogue is the machine readable version of the star catalogue given by Claudius Ptolemy in his book called usually the Almagest. It is based upon its translation by K. Manitius (ed. B.G. Teubner, Leipzig 1913). The table reproduces the values given in book VII, chapter V, namely Identification, name, longitude, latitude and magnitude. To facilitate its use the following changes were made:
Identifications : the numbers of Ambronn's catalogue (used by Manitius) were replaced by the numbers in the Bright Star Catalogue (D. Hoffleit and C. Jaschek - Fourth edition - Yale University Observatory 1982) which are commonly used today.
Name : we have kept the Bayer names but omitted the description given by Manitius (for instance alpha UMi = that of the end of the tail). Whenever a disagreement exists concerning the identification of a given star, this is signaled by a "D" (disagreement) in the notes (last column). The list of disagreements was taken from Werner H. and Schmeidler F., "Synopsis der Nomenklatur der Fixsterne" - Wissensch. Verlags-Gesellschaft Stuttgart (1986) where the interested reader may find detailed references. Most of the disagreements stem from the work of Peters and Knobel, Washington 1915.

Longitude : the Ptolomean longitudes were converted into the commonly used longitudes by adding 0 to longitudes in Aries, 30 to those in Taurus, etc. Longitudes vary thus between 0 and 360 .

Latitudes : no change from Ptolemy.

Magnitudes : no change from Ptolemy.

Notes : "D" stands for disagreements over identifications, see above.

With the publication of a computer readable version of this catalogue we hope to satisfy a long standing need. We also pay in this way our debt of gratitude toward the astronomer who produced the most used catalogue in the history of astronomy - for more than fourteen centuries it was THE catalogue by definition. It seems only appropriate that a data center, who is in a long way a descendant of such an enterprise, includes the catalogue in its collection.

north 47 360 Northern part (except Zodiacal stars)	360
south 47 317 Southern part (except Zodiacal stars)	317
zod-n 47 167 Zodiacal stars, North	167
zod-s 47 183 Zodiacal stars, South 183	
	1027 étoiles

NGC Catalogue

<http://www.seds.org/~spider/ngc/ngc.html> catalogue en ligne

Le Catalogue NGC et ses suppléments IC I et IC II furent à l'origine compilés par J.L.E. Dreyer et publiés en 1887 (NGC), 1895 (IC I) and 1907 (IC II). Il contient des amas ouverts et globulaires, des nébuleuses planétaires et diffuses, des restes de supernovae, des galaxies de tous types (et quelques noeuds dans des galaxies brillantes), et quelques données erronées ne correspondant à aucun objets

Références des publications :

- Dreyer, J. L. E. 1888, New General Catalogue of Nebulae and Clusters of Stars, Mem. Roy. Astron. Soc. 49, Part I (reprinted 1953, London: Royal Astronomical Society). NGC.
- Dreyer, J. L. E. 1895, Index Catalogue of Nebulae Found in the Years 1888 to 1894, with Notes and Corrections to the New General Catalogue, Mem. Roy. Astron. Soc. 51, 185 (reprinted 1953, London: Royal Astronomical Society). IC I, IC 1-1529.
- Dreyer, J. L. E. 1908, Second Index Catalogue of Nebulae Found in the Years 1895 to 1907; with Notes and Corrections to the New General Catalogue and to the Index Catalogue for 1888 to 1894, Mem. Roy. Astron. Soc. 59, Part 2, 105 (reprinted 1953, London: Royal Astronomical Society). IC II, IC 1530-5386.