VizieR Result Page

(*looking among 163 catalogues*)
Result of VizieR Search within **2''** of **18 15 42.1045 -18 16 41.157**(J2000)
(J2000=18:15:42.1-18:16:41)
ordered by increasing **_r**

Modify the Query

Max. Entries: 50 | Output layout: HTML Table | **ALL** columns | ReSubmit | B

I/252/out — The USNO-A2.0 Catalogue (Monet+ 1998) — ReadMe
The Full Catalogue *(526280881 rows)* *(Note)*

To get all details for a row, just click on the row number in the leftmost `Full' column.
The 3 columns in *color* are computed by VizieR, and are *not part of the original data*.

Note: ***USNO-A2.0*** *contains 526,280,881 sources, and is based on a re-reduction of the Precision Measuring Machine (PMM) scans from POSS-I **O** and **E** plates (>=-18°) and SRC-**J** and ESO-**R** plates (<=-20°). USNO-A2.0 was created by Dave Monet (dgm(at)nofs.navy.mil) and collaborators at Flagstaff Station, U.S. Naval Observatory.*
The major difference between USNO-A2.0 and its previous version USNO-A1.0 is that A1.0 used the Guide Star Catalog as its reference frame whereas A2.0 uses the ICRF as realized by the USNO ACT catalog (Urban et al. 1997). The VizieR search engine uses an on-line compressed version (3.6Gbytes) which was generated at CDS.

Full	_r arcsec	_RAJ2000 "h:m:s"	_DEJ2000 "d:m:s"	USNO-A2.0	RAJ2000 deg	DEJ2000 deg	ACTflag	Mflag	Bmag mag	Rmag mag	Epoch yr
1	0.490	18 15 42.09	-18 16 40.7	0675-24702786	273.925359	-18.277984			16.8	13.4	1980.853

I/271/out — The GSC 2.2 Catalogue (STScI, 2001) — ReadMe
The Full GSC2.2.1 Catalogue (455851237 objects) *(455851237 rows)*

Note: *The construction of the* ***GSC-II*** *is still in progress: this version has no proper motions, and the magnitude limits are 18.5 in F (red) and 19.5 in J (blue). The data are* ***copyrighted****, check the* ***data use Policy****.*

Full	_r arcsec	_RAJ2000 "h:m:s"	_DEJ2000 "d:m:s"	GSC2.2	RA(ICRS) deg	DE(ICRS) deg	Epoch yr	Rmag mag	e_ mag	Bjmag mag	e_ mag	Class	a pix	e
1	0.269	18 15 42.091	-18 16 40.97	S300101352440	273.925380	-18.278046	1987.560					3	5.57	0.50
2	0.374	18 15 42.081	-18 16 40.99	S300101313631	273.925337	-18.278054	1996.702	14.51	0.43			0	3.60	0.05

I/284/out — The USNO-B1.0 Catalog (Monet+ 2003) — ReadMe
The Whole-Sky USNO-B1.0 Catalog of 1,045,913,669 sources *(1045913669 rows)*

Note: *The* ***USNO-B Catalog*** *presents positions, proper motions, magnitudes un blue, red and infrared, as well as star/galaxy estimators for 1,045,913,669 objects derived from 3,648,832,040 separate observations. The data were taken from scans of 7,435 Schmidt plates taken from various sky surveys during the last 50 years.*
USNO-B1.0 catalog was created by Dave Monet and collaborators at http://www.nofs.navy.mil/data/fchpix/
Note that the star/galaxy estimators may be mixed up in dense regions*.*

Full	_r arcsec	_RAJ2000 "h:m:s"	_DEJ2000 "d:m:s"	USNO-B1.0	RAJ2000 deg	DEJ2000 deg	e_RAJ2000 mas	e_DEJ2000 mas	Epoch yr	pmRA mas/yr	pmDE mas/yr	Ndet	B1mag mag	R1mag mag	B2mag mag	R2mag mag	Imag mag
1	0.448	18 15 42.11	-18 16 40.7	0717-0650559	273.925442	-18.277975	263	210	1971.5	0	0	5	17.97	12.52	16.33	15.28	13.24

I/297/out — NOMAD Catalog (Zacharias+ 2005) — ReadMe
Example of the an output of NOMAD-1 *(1117612732 rows)*

Note: *The Naval Observatory Merged Astrometric Dataset (NOMAD) contains astrometric and photometric data for over 1 billion stars derived from the Hipparcos (I/239), Tycho-2 (I/259), UCAC2 (I/289), and USNO-B1.0 (I/284) catalogs for astrometry and optical photometry, supplemented by 2MASS (II/246) near-infrared photometry.*
An efficient remote query program ***findnomad1*** *is available in the cdsclient package, for Unix/Linux platforms*

Full	_r arcsec	_RAJ2000 "h:m:s"	_DEJ2000 "d:m:s"	NOMAD1	YM	RAJ2000 deg	DEJ2000 deg	r	pmRA mas/yr	e_ mas/yr	pmDE mas/yr	e_ mas/yr	Bmag mag	r	Vmag mag	r	Rmag mag	r	Jmag mag	Hmag mag	Kmag mag	R
1	0.023	18 15 42.11	-18 16 41.2	0717-0692418	YM	273.9254411	-18.2781028	C	14.1	12.8	-9.7	12.5	16.840	Y	15.130	Y	15.280	B	11.126	10.117	9.801	

I/304/out — Carlsberg Meridian Catalog 14 (CMC14) (CMC, 2006) — ReadMe
The full CMC-14 catalog (around 95.85million source in the region -30 to +50°) *(95858475 rows)*

Note: *Zone -30/+50deg*

Full	_r arcsec	_RAJ2000 "h:m:s"	_DEJ2000 "d:m:s"	CMC14	f_	RAJ2000 deg	DEJ2000 deg	r'mag mag	Nt	Jmag mag	Hmag mag	Ksmag mag
1	0.040	18 15 42.10	-18 16 41.1	181542.1-181641		273.925424	-18.278097	15.062	2	11.126	10.117	9.801

I/305/out — The Guide Star Catalog, Version 2.3.2 (GSC2.3) (STScI, 2006) — ReadMe
The Full GSC2.3.2 Catalogue (945592683 objects) *(945592683 rows)*

Note: *This version of the* ***GSC-II*** *has no proper motions, but the limits on brightness which existed on GSC2.2 (F<18.5, B_j<19.5) were removed.*

Full	_r arcsec	_RAJ2000 "h:m:s"	_DEJ2000 "d:m:s"	GSC2.3	RAJ2000 deg	DEJ2000 deg	Epoch yr	Fmag mag	jmag mag	Vmag mag	Nmag mag	Class	a pix	e
1	0.372	18 15 42.08	-18 16 41.0	S9JB013631	273.925338	-18.278053	1996.702	14.51				3	3.60	0.05

I/315/out

UCAC3 Catalogue (Zacharias+ 2009) ReadMe
Third U.S. Naval Observatory CCD Astrograph Catalog *(100765502 rows)*

Note: *See also the UCAC home page at http://ad.usno.navy.mil/ucac/*

Full	_r arcsec	_RAJ2000 "h:m:s"	_DEJ2000 "d:m:s"	3UC	RAJ2000 deg	DEJ2000 deg	ePos mas	f.mag mag	ot	db	pmRA mas/yr	pmDE mas/yr	Jmag mag	Kmag mag
1	0.028	18 15 42.10	-18 16 41.1	144-300207	273.9254277	-18.2780967	217	15.689	0	0	7.7	-6.7	11.126	9.801

II/246/out

2MASS All-Sky Catalog of Point Sources (Cutri+ 2003) ReadMe
The Point Source catalogue of 470,992,970 sources. Please **acknowledge the usage of the 2MASS All-Sky Survey**; see also the 2MASS Pages. Note that the magnitudes in red correspond to low quality results (upper limits or very poor photometry) *(470992970 rows)*

Full	_r arcsec	_RAJ2000 "h:m:s"	_DEJ2000 "d:m:s"	RAJ2000 deg	DEJ2000 deg	2MASS	Jmag mag	e_Jmag mag	Hmag mag	e_Hmag mag	Kmag mag	e_Kmag mag	Qflg	Rflg	Bflg	Cflg	Xflg	Aflg
1	0.046	18 15 42.10	-18 16 41.2	273.925436	-18.278112	18154210-1816412	11.126	0.025	10.117	0.026	9.801	0.030	AAA	222	111	000	0	0

B/denis/denis

The DENIS database (DENIS Consortium, 2005) ReadMe
new 3rd release of DENIS (2005Sep) *(355220325 rows)*

Note: *See also the DENIS home page*

Full	_r arcsec	_RAJ2000 "h:m:s"	_DEJ2000 "d:m:s"	Strip	RAJ2000 deg	DEJ2000 deg	Imag mag	e mag	Jmag mag	e mag	Kmag mag	e mag	Rmag mag	Bmag mag	Ipsf	Jpsf	Kpsf	DENIS
1	0.067	18 15 42.10	-18 16 41.1	8118	273.925417	-18.278093	13.208	0.03	11.129	0.07	9.765	0.06	13.4	16.8	99	99	97	J181542.1-181641
2	0.162	18 15 42.09	-18 16 41.1	8035	273.925389	-18.278090	13.239	0.03	11.079	0.06	9.769	0.07	13.4	16.8	99	98	99	J181542.0-181641

Available Visualisations:
- Plot the results with the VOPlot utility
- Plot of USNO-A2.0 in this region with Aladin-Java
- Optical Image of this region with Aladin-Java