



VizieR Result Page

(looking among 211 catalogues)

Result of VizieR Search within 2" of **18 17 00.4270 -18 14 47.666**(J2000)

(J2000=18:17:00.4-18:14:48)

ordered by increasing **r**[Modify the Query](#)

Max. Entries:

50

Output layout:

HTML Table

ALL columns

[ReSubmit](#)**B**

1/252/out

[The USNO-A2.0 Catalogue \(Monet+ 1998\)](#)The Full Catalogue (526280881 rows) [\(Note\)](#)[ReadMe](#)

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 ($\geq -18^\circ$) and SRC-J and ESO-R plates ($\leq -20^\circ$). USNO-A2.0 was created by Dave Monet ([dsm\(at\)noia.navy.mil](mailto:dsm(at)noia.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	RAJ2000	DEJ2000	USNO-A2.0	RAJ2000	DEJ2000	ACTflag	Mflag	Bmag	Rmag	Epoch
	arcsec	"h:m:s"	"d:m:s"		deg	deg			mag	mag	yr
1	0.660	18 17 00.472	-18 14 47.51	0675-24824508	274.251967	-18.246531		*	14.8	11.4	1980.853

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[The GSC 2.2 Catalogue \(STScI, 2001\)](#)

The Full GSC2.2.1 Catalogue (455851237 objects) (455851237 rows)

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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	RAJ2000	DEJ2000	GSC2.2	RA(ICRS)	DE(ICRS)	Epoch	Rmag	e	Bmag	e	Class	a	e
	arcsec	"h:m:s"	"d:m:s"		deg	deg	yr	mag	mag	mag	mag		pix	
1	0.139	18 17 00.433	-18 14 47.78	S3001013935	274.251803	-18.246605	1996.702	11.71	0.43				0.620	0.12

1/297/out

[NOMAD Catalog \(Zacharias+ 2005\)](#)

The NOMAD-1 Catalog (1117612732 rows)

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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	RAJ2000	DEJ2000	NOMAD1	YM	RAJ2000	DEJ2000	r	pmRA	e	pmDE	e	Bmag	r	Vmag	r	Rmag	r	Imag	Hmag	Kmag	R
	arcsec	"h:m:s"	"d:m:s"			deg	deg		mas/yr	mas/yr	mas/yr	mas/yr	mag		mag		mag		mag	mag	mag	
1	0.088	18 17 00.433	-18 14 47.63	0717-0696807	YM	274.2518028	-18.2465639	Y	7.2	9.0	170.9	9.0			12.680	Y			9.242	8.365	8.048	

1/304/out

[Carlsberg Meridian Catalog 14 \(CMC14\) \(CMC, 2006\)](#)

The full CMC-14 catalog (around 95.85million source in the region -30 to +50°) (95858475 rows)

[ReadMe](#)**Note:** Zone -30/+50deg

Full	r	RAJ2000	DEJ2000	CMC14	f	RAJ2000	DEJ2000	r'mag	Nt	Imag	Hmag	Ksmag
	arcsec	"h:m:s"	"d:m:s"			deg	deg	mag		mag	mag	mag
1	0.095	18 17 00.431	-18 14 47.74	181700.4-181447		274.251796	-18.246595	12.300	2	9.242	8.366	8.049

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[The Guide Star Catalog, Version 2.3.2 \(GSC2.3\) \(STScI, 2006\)](#)

The Full GSC2.3.2 Catalogue (945592683 objects) (945592683 rows)

[ReadMe](#)

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	RAJ2000	DEJ2000	GSC2.3	RAJ2000	DEJ2000	Epoch	Fmag	Imag	Vmag	Nmag	Class	a	e
	arcsec	"h:m:s"	"d:m:s"		deg	deg	yr	mag	mag	mag	mag		pix	
1	0.138	18 17 00.433	-18 14 47.77	S9JB000935	274.251804	-18.246604	1996.702	11.71		12.71			3.620	0.12

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[UCAC3 Catalogue \(Zacharias+ 2009\)](#)

Third U.S. Naval Observatory CCD Astrograph Catalog (100765502 rows)

[ReadMe](#)**Note:** See also the UCAC home page at <http://ad.usno.navy.mil/ucac/>

Full	r	RAJ2000	DEJ2000	3UC	RAJ2000	DEJ2000	ePos	f.mag	ot	db	pmRA	pmDE	Imag	Kmag	catflg
	arcsec	"h:m:s"	"d:m:s"		deg	deg	mas	mag			mas/yr	mas/yr	mag	mag	
1	0.071	18 17 00.430	-18 14 47.72	144-303154	274.2517912	-18.2465898	107	12.609	0	0	6.7	27.6	9.242	8.049	0000000012

[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**

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the magnitudes in red correspond to low quality results (upper limits or very poor photometry) (470992970 rows)

Full	_r	RAJ2000	DEJ2000	RAJ2000	DEJ2000	2MASS	Jmag	e_Jmag	Hmag	e_Hmag	Kmag	e_Kmag	Kmag	Oflg	Rflg	Bflg	Cflg	Xflg	Aflg
	arcsec	"h:m:s"	"d:m:s"	deg	deg		mag	mag	mag	mag	mag	mag	mag						
1	0.083	18 17 00.432	-18 14 47.70	274.251801	-18.246584	18170043-1814477	9.242	0.023	8.366	0.031	8.049	0.027	AAA	211	111	000	0	0	0

II/293/glimpse

GLIMPSE Source Catalog (I + II + 3D) (IPAC 2008)

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Sample of GLIMPSE sources in Galactic Center (104240613 rows)

Note: GLIMPSE is also available from: <http://irsa.ipac.caltech.edu/data/SPITZER/GLIMPSE>

Full	_r	RAJ2000	DEJ2000	C	GLIMPSE	2MASS	RAJ2000	DEJ2000	Jmag	Hmag	Kmag	3.6mag	e_	4.5mag	e_	5.8mag	e_	8.0mag
	arcsec	"h:m:s"	"d:m:s"				deg	deg	mag	mag	mag	mag	mag	mag	mag	mag	mag	mag
1	0.293	18 17 00.445	-18 14 47.81	C	G012.8403-00.9321	18170043-1814477	274.251853	-18.246615	9.242	8.366	8.049	7.856	0.032	8.079	0.048	7.945	0.034	7.872

B/denis/denis

The DENIS database (DENIS Consortium, 2005)

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new 3rd release of DENIS (2005Sep) (355220325 rows)

Note: See also the [DENIS home page](#)

Full	_r	RAJ2000	DEJ2000	Strip	RAJ2000	DEJ2000	Jmag	e_Jmag	Hmag	e_Hmag	Kmag	e_Kmag	Rmag	Bmag	Ipsf	Ipsf	Kpsf	DENIS
	arcsec	"h:m:s"	"d:m:s"		deg	deg	mag	mag	mag	mag	mag	mag	mag	mag				
1	0.083	18 17 00.427	-18 14 47.75	8027	274.251778	-18.246597	10.839	0.04	9.281	0.06	8.047	0.07	11.4	14.8	99	98	99	J181700.4-181447
2	0.186	18 17 00.423	-18 14 47.84	6616	274.251762	-18.246623	10.837	0.03	9.384	0.07	8.065	0.08	11.4	14.8	99	97	99	J181700.4-181447

J/A+A/515/A32/catalog

Pluto, Charon, Nix, Hydra stellar occul. 2008-15 (Assafin+, 2010)

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Catalog of star positions: Pluto sky path 2008-2015 (2242275 rows)

Full	_r	RAJ2000	DEJ2000	RAJ2000	DEJ2000	Epoch	pmRA	pmDE	Rmag	Jmag	Hmag	Kmag	o_Obs	Cat	f_Pos
	arcsec	"h:m:s"	"d:m:s"	deg	deg	d	mas/yr	mas/yr	mag	mag	mag	mag			
1	0.025	18 17 00.432	-18 14 47.70	274.2517801	-18.2465808	2454353.64841	-9	1	12.421	9.242	8.366	8.049	2	2	0

J/A+A/515/A32/nix

Pluto, Charon, Nix, Hydra stellar occul. 2008-15 (Assafin+, 2010)

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Prediction table of stellar occ Nix 2008-2015 (1281 rows)

Full	_r	RAJ2000	DEJ2000	Ep	RAJ2000	DEJ2000	Sep	PA	Vshad	Dist	Rmag	Jmag	Hmag	Kmag	Long	LST	oRA	oDE	f_catf
	arcsec	"h:m:s"	"d:m:s"	s	"h:m:s"	"d:m:s"	arcsec	deg	km/s	AU	mag	mag	mag	mag	deg	"h:m:s"	mas	mas	
1	0.000	18 17 00.427	-18 14 47.67	2010-06-21T21:00:52	18 17 00.4270	-18 14 47.666	0.237	355.03	-23.73	30.84	12.6	9.4	8.6	8.2	49 00:00:17	0.0	135.4	2m	

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](#)

The following problems were encountered in this VizieR run:

****vc_coo: abnormal Epoch value from column 'Ep': 10.471939 (assume 2000.000000)

If you can't find a solution, [report to CDS](#) and insert into your message the following details:

```
.errorfile=/tmp/VR07231.err (2010-06-16T10:29:50)
-4c
-from=-1
-c=18 17 00.4270 -18 14 47.666
-c.eq=J2000
-oc.form=sexa
-c.r= 2
-c.u=arcsec
-c.geom=r
-out.max=50
-out.form=HTML Table
-out.add=_r
-out.add=_RA*-c.eq,_DE*-c.eq
-sort=_r
-ref=VI24c18a76c1ac4
```

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