



VizieR Result Page

(looking among 61 catalogues)

Result of VizieR Search within 2" of **00 38 08.37 28 36 28.1**(J2000)

(J2000=00:38:08.4+28:36:28)

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) [\(Note\)](#)

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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-1 **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 ([dgm\(at\)nofs.navy.mil](mailto: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	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	0.221	00 38 08.371	+28 36 28.32	1125-00232283	009.534878	+28.607867			19.1	17.0	1954.756

1/267/out

The APM-North Catalogue (McMahon+, 2000)

The Full Northern APM Catalogue (166466987 rows)

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Note: The current version includes only the North (POSS-1 plates)

Full	_r	RAJ2000	DEJ2000	APM-ID	RAJ2000	DEJ2000	rmag	l	rClass	rStel	rDiam	rEll	bmag	l	bClass	bStel	bDiam	b-r	Mflag
	arcsec	"h:m:s"	"d:m:s"		deg	deg	mag				arcsec		mag				arcsec	mag	
1	0.232	00 38 08.370	+28 36 28.33	EO1244-0302460	009.534873	+28.607870	16.78		-1	2.92	8.90	0.11	19.43		-1	0.85	8.7	2.64	

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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	0.544	00 38 08.406	+28 36 28.36	N32230221562	009.535026	+28.607878	1990.814	17.42	0.42	18.94	0.43		0	2.77

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The USNO-B1.0 Catalog (Monet+ 2003)

The Whole-Sky USNO-B1.0 Catalog of 1,045,913,669 sources (1045913669 rows)

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Note: The [USNO-B Catalog](#) presents positions, proper motions, magnitudes in 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	RAJ2000	DEJ2000	USNO-B1.0	RAJ2000	DEJ2000	e RAJ2000	e DEJ2000	Epoch	pmRA	pmDE	Ndet	B1mag	R1mag	B2mag	R2mag	Imag
	arcsec	"h:m:s"	"d:m:s"		deg	deg	mas	mas	yr	mas/yr	mas/yr		mag	mag	mag	mag	mag
1	0.114	00 38 08.361	+28 36 28.10	1186-0008497	009.534839	+28.607806	88	21	1976.7	0	0	5	19.37	16.71	18.40	17.06	16.42

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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 ([I/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	mag	mag	mag	mag
1	0.114	00 38 08.361	+28 36 28.10	1186-0008550	YM	009.5348389	+28.6078056	B	0.0	0.0	0.0	0.0	18.400	B	17.420	Y	17.060	B	15.837	15.064	14.964	

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Carlsberg Meridian Catalog 14 (CMC14) (CMC, 2006)

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

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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

[1/0.046](#)[00 38 08.373](#)[+28 36 28.09](#)[003808.3+283628](#)[009.534889](#)[+28.607802](#)[17.556](#)[1](#)[15.838](#)[15.065](#)

1/305/out

The Guide Star Catalog, Version 2.3.2 (GSC2.3) (STScI, 2006)
The Full GSC2.3.2 Catalogue (945592683 objects) (945592683 rows)

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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	jmag	Vmag	Nmag	Class	a	e	
	arcsec	"h:m:s"	"d:m:s"		deg	deg	yr	mag	mag	mag	mag		pix		
1	0.548	00 38 08.406	+28 36 28.36	NBM2001562	009.535027	+28.607879	1990.814	17.42	18.94	17.49	16.85		0	2.77	0.12

The PPMXL Catalog (Roeser+ 2010)

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PPMXL catalog of positions and proper motions on the ICRS (910469430 rows)

Full	_r	RAJ2000	DEJ2000	RAJ2000	DEJ2000	pmRA	pmDE	Jmag	Kmag	b1mag	b2mag	r1mag	r2mag	imag	No fl
	arcsec	"h:m:s"	"d:m:s"	deg	deg	mas/yr	mas/yr	mag	mag	mag	mag	mag	mag	mag	
1	0.044	00 38 08.367	+28 36 28.07	009.534864	+28.607798	2.3	-1.8	15.838	14.965	19.37	18.40	16.71	17.06	16.42	6 0

2MASS All-Sky Catalog of Point Sources (Cutri+ 2003)

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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)**

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Full	_r	RAJ2000	DEJ2000	RAJ2000	DEJ2000	2MASS	Jmag	e Jmag	Hmag	e Hmag	Kmag	e Kmag	Oflg	Rflg	Bflg	Cflg	Xflg	Aflg
	arcsec	"h:m:s"	"d:m:s"	deg	deg		mag	mag	mag	mag	mag	mag						
1	0.076	00 38 08.364	+28 36 28.10	009.534851	+28.607805	00380836+2836280	15.838	0.071	15.065	0.091	14.965	0.123	AAB	222	111	000	0	0

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](#)

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