

41N Alignment Stars for SkyScan v3.12- J2000 Sort

Cat_Id	J2000_Position	Con	Bayer	Flamsteed	HR_HD	V_mag	Type
Alpheratz	J000824.00+290524.0	And	alf And	21 And	HR0015	2.06	SB*
Caph	J000909.60+590900.0	Cas	bet Cas	11 Cas	HR0021	2.27	dS*
Algenib	J001314.40+151048.0	Peg	gam Peg	88 Peg	HR0039	2.83	bC*
Schedar	J004031.20+563224.0	Cas	alf Cas	18 Cas	HR0168	2.25	V*
Deneb Kaitos	J004336.00-175924.0	Cet	bet Cet	16 Cet	HR0188	2.04	V*
Mirak	J010943.20+353712.0	And	bet And	43 And	HR0337	2.06	V*
Rukbah	J012548.95+601407.0	Cas	del Cas	37 Cas	HR403	2.68	V*
Sheratan	J015438.40+204836.0	Ari	bet Ari	6 Ari	HR0553	2.64	SB*
Almach	J020352.80+421948.0	And	gam01 And	57 And	HR0603	2.26	*j*
Hamal	J020709.60+232736.0	Ari	alf Ari	13 Ari	HR0617	2	V*
Mira	J021921.60-025848.0	Cet	omi Cet	68 Cet	HD014386	3.04	Mi*
Menkar	J030216.80+040524.0	Cet	alf Cet	92 Cet	HR0911	2.56	V*
Algol	J030809.60+405736.0	Per	bet Per	26 Per	HR0936	2.12	Al*
Mirfak	J032419.20+495136.0	Per	alf Per	33 Per	HR1017	1.81	V*
Atik	J034419.13+321717.7	Per	omi Per	38 Per	HR1131	3.85	V*
Alcyone	J034728.80+240636.0	Tau	eta Tau	25 Tau	HR01165	2.87	Be*
Zaurac	J035801.77-133030.7	Eri	gam Eri	34 Eri	HR1231	2.97	V*
Aldebaran	J043555.20+163036.0	Tau	alf Tau	87 Tau	HR1457	0.85	V*
Maaz	J050158.13+434923.9	Aur	eps Aur	7 Aur	HR1605	3.04	V*
Cursa	J050750.98-050511.2	Eri	bet Eri	67 Eri	HR1666	2.79	SV*
Rigel	J051431.20-081200.0	Ori	bet Ori	19 Ori	HD34085	0.12	Em*
Capella	J051640.80+460000.0	Aur	alf Aur	13 Aur	HD034029	0.08	RS*
Bellatrix	J052507.20+062100.0	Ori	gam Ori	24 Ori	HR1790	1.64	V*
Elnath	J052616.80+283636.0	Tau	bet Tau	112 Tau	HR1791	1.68	*j*
Nihal	J052814.72-204533.9	Lep	bet Lep	9 Lep	HR1829	2.84	**
Mintaka	J053200.40-001756.7	Ori	del01 Ori	34 Ori	HR1852	2.23	EB*
Arneb	J053243.20-174912.0	Lep	alf Lep	11 Lep	HR1865	2.59	V*
Nair Saif	J053525.98-055435.6	Ori	iot Ori	44 Ori	HR1899	2.77	SB*
Alnilam	J053612.00-011200.0	Ori	eps Ori	46 Ori	HR1903	1.7	Em*
Alnitak	J054045.60-015624.0	Ori	zet Ori	50 Ori	HR1948	1.79	**
Saiph	J054745.60-094012.0	Ori	kap Ori	53 Ori	HR2004	2.04	V*
Betelgeuse	J055509.60+072436.0	Ori	alf Ori	58 Ori	HR2061	0.58	sr*
Menkalnan	J055931.20+445700.0	Aur	bet Aur	34 Aur	HR2088	1.89	Al*
Furud	J062018.79-300348.1	CMa	zet CMa	1 CMa	HR2282	3	Ce*
Mirzam	J062240.80-175736.0	CMa	bet CMa	2 CMa	HR2294	1.98	bC*
Tejat	J062257.63+223048.9	Gem	mu. Gem	13 Gem	HR2286	2.91	V*
Alhena	J063743.20+162400.0	Gem	gam Gem	24 Gem	HR2421	1.9	*j*
Mebstuta	J064355.20+250748.0	Gem	eps Gem	27 Gem	HR2473	3.01	V*
Sirius; Dog Star	J064509.60-164312.0	CMa	alf CMa	9 CMa	HD048915	-1.47	SB*
Adhara	J065838.40-285812.0	CMa	eps CMa	21 Cma	HD52089	1.51	*j*
Wezen	J070824.00-262324.0	CMa	del CMa	25 CMa	HR2693	1.84	V*
Aludra	J072404.80-291800.0	CMa	eta CMa	31 CMa	HR2827	2.4	V*
Gomeisa	J072709.60+081724.0	CMi	bet CMi	3 CMi	HR2845	2.88	Em*
Castor	J073436.00+315324.0	Gem	alf Gem	66 Gem	HR2890	1.59	PM*
Procyon	J073919.20+051312.0	CMi	alf CMi	10 CMi	HR2943	0.34	SB*
Alphard	J092736.00-083936.0	Hya	alf Hya	30 Hya	HR3748	2	V*
Regulus	J100821.60+115812.0	Leo	alf Leo	32 Leo	HR3982	1.35	V*
Algieba	J101957.60+195024.0	Leo	gam01 Leo	41 Leo	HR4057	2.61	V*
Merak	J110150.40+562248.0	UMa	bet UMa	48 UMa	HR4295	2.34	V*
Dubhe	J110343.20+614500.0	UMa	alf UMa	50 UMa	HR4301	1.79	SB*
Zosma	J111406.50+203125.4	Leo	del Leo	68 Leo	HR4357	2.56	V*

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Denebola	J114902.40+143412.0	Leo	bet Leo	94 Leo	HR4534	2.14	dS*
Phad	J115350.40+534124.0	UMa	gam UMa	64 Uma	HR4554	2.42	Em*
Minkar	J121007.20-223712.0	Crv	eps Crv	2 Crv	HR4630	3.01	V*
Gienah	J121548.00-173224.0	Crv	gam Crv	4 Crv	HR4662	2.59	V*
Algorab	J122952.80-163112.0	Crv	del Crv	7 Crv	HR4575	2.95	V*
Kraz	J123423.24-232348.3	Crv	bet Crv	9 Crv	HR4786	2.65	V*
Alioth	J125402.40+555736.0	UMa	eps UMa	77 UMa	HR4905	1.76	a2*
Cor Caroli	J125602.40+381912.0	CVn	alf02 CVn	12 CVn	HR04915	2.9	a2*
Vindemiatrix	J130210.59+105732.9	Vir	eps Vir	47 Vir	HR4932	2.83	PM*
Mizar	J132355.20+545548.0	UMa	zet01 UMa	79 UMa	HR05054	2.27	SB*
Spica	J132512.00-110936.0	Vir	alf Vir	67 Vir	HR5056	1.04	EI*
Alkaid	J134732.44+491847.7	UMa	eta Uma	85 Uma	HD120315	1.85	V*
Menkent	J140640.95-362211.8	Cen	tet Cen	5 Cen	HR5288	2.06	PM*
Arcturus	J141540.80+191048.0	Boo	alf Boo	16 Boo	HR5340	-0.04	V*
Seginus	J143204.80+381836.0	Boo	gam Boo	27 Boo	HR5435	3	dS*
Izar	J144500.00+270412.0	Boo	eps Boo	36 Boo	HR5506	2.39	**
Kochab	J145043.20+740936.0	UMi	bet UMi	7 UMi	HR5563	2.07	V*
Zubenelgenubi	J145052.80-160224.0	Lib	alf Lib	27 Lib	HR05531	2.8	**
Zubeneschamali	J151700.00-092248.0	Lib	bet Lib	27 Lib	HR05685	2.6	V*
Alphecca	J153440.80+264236.0	CrB	alf CrB	5 CrB	HR5793	2.21	AI*
Unukahai	J154416.80+062548.0	Ser	alf Ser	24 Ser	HR5854	2.63	*j*
Dschubba	J160019.20-223712.0	Sco	del Sco	7 Sco	HR5953	2.29	V*
Graffias	J160526.40-194836.0	Sco	bet01 Sco	8 Sco	HD144217	2.62	SB*
Antares	J162924.00-262548.0	Sco	alf Sco	21 Sco	HD148478	1.09	sr*
Kornephoros	J163012.00+212924.0	Her	bet Her	27 Her	HD148856	2.78	SB*
Alniyat	J163552.80-281312.0	Sco	tau Sco	23 Sco	HR6165	2.81	*
Aldhanab	J170847.19+654252.8	Dra	zet Dra	22 Dra	HR6396	2.6	**
Sabik	J171022.68-154329.7	Oph	eta Oph	35 Oph	HR6378	2.43	**
Alwaid	J173025.96+521804.9	Dra	bet Dra	23 Dra	HR6536	2.79	**
Rastaban	J173025.96+521804.9	Dra	bet Dra	23 Dra	HR6536	2.79	**
Rasalhague	J173455.20+123336.0	Oph	alf Oph	55 Oph	HR6556	2.1	V*
Celbalrai	J174328.35+043402.3	Oph	bet Oph	60 Oph	HR6603	2.77	V*
Eltanin	J175636.00+512924.0	Dra	gam Dra	33 Dra	HR6705	2.23	*j*
Kaus Borealis	J182758.24-252518.1	Sgr	lam Sgr	22 Sgr	HR6913	2.83	*
Vega	J183655.20+384648.0	Lyr	alf Lyr	3 Lyr	HR07001	0.03	V*
Nunki	J185516.80-261800.0	Sgr	sig Sgr	34 Sgr	HR7121	2.05	*j*
Ascella	J190236.71-295248.4	Sgr	zet Sgr	38 Sgr	HR7194	2.6	**
Tarazed	J194614.40+103636.0	Aql	gam Aql	50 Aql	HR7525	2.72	*j*
Altair	J195048.00+085212.0	Aql	alf Aql	53 Aql	HD187642	0.8	*
Sadr	J202213.70+401524.0	Cyg	gam Cyg	37 Cyg	HR7796	2.24	V*
Alderamin	J211833.60+623524.0	Cep	alf Cep	5 Cep	HR8162	2.44	V*
Salalsuud	J213133.53-053416.2	Aqr	bet Aqr	22 Aqr	HR8232	2.91	**
Enif	J214412.00+095248.0	Peg	eps Peg	8 Peg	HR8308	2.4	V*
Deneb Algiedi	J214702.45-160738.2	Cap	del Cap	49 Cap	HR8322	2.87	V*
Sadalmelik	J220547.04-001911.5	Aqr	alf Aqr	34 Aqr	HD209750	3	**
Matar	J224300.13+301316.5	Peg	eta Peg	44 Peg	HR8650	2.94	SB*
Fomalhaut	J225738.40-293712.0	PsA	alf PsA	24 PsA	HR8728	1.16	V*
Scheat	J230345.60+280448.0	Peg	bet Peg	53 Peg	HR8775	2.42	Pu*
Markab	J230445.60+151236.0	Peg	alf Peg	54 Peg	HR8781	2.49	V*