

Nearby Stars		(LY)	(LY)	(LY)	(LY)	(SOL=1)	(AU)	(days)	(km/s)	(km/s)	(km/s)	(km/s)
Name	No.	X	Y	Z	DIS	LUM	OPT	PER	XV	YV	ZV	DV
SOL	1	0	0	0	0	1	1	365.24	0	0	0	0
ALPHA CENTAURI A	2	3.165	-3.048	-0.082	4.395	1.567	1.252	487.6	-32	4.165	14.15	35.236
ALPHA CENTAURI B	3	3.165	-3.048	-0.082	4.396	0.46	0.678	221.39	-32	4.165	14.15	35.236
LALANDE 21185	4	-3.359	-0.32	7.596	8.312	0.00568	0.075	11.91	45.67	-53.58	-74.3	102.357
SIRIUS A	5	-5.745	-6.275	-1.262	8.601	22.61	4.755	2470.48	15.34	1.109	-11.29	29.079
EPSILON ERIDANI	6	-6.82	-1.966	-7.733	10.5	0.292	0.54	157.2	-4.15	6.971	-21.06	22.569
LACAILLE 9352	7	4.248	0.404	-9.847	10.73	0.0108	0.104	17.29	-93.84	-14.48	-51.45	107.994
PROCYON A	8	-9.179	-6.22	2.674	11.41	7.508	2.74	1911.3	1241.69	-8.385	-18.59	21.054
61 CYGNI A	9	1.438	11.27	-1.188	11.43	0.0889	0.03	76.78	-93.1	-54.64	-7.914	108.239
61 CYGNI B	10	1.438	11.27	-1.188	11.43	0.0405	0.02	46.59	-93.1	-54.64	-7.914	108.239
GX ANDROMEDAE	11	-5.056	9.829	-3.641	11.64	0.00644	0.08	12.9	-49.13	-12.14	-2.899	50.691
EPSILON INDI	12	7.159	-3.158	-8.868	11.83	0.153	0.391	116.13	-80.21	-41.36	-3.836	90.327
TAU CETI	13	-3.49	-0.373	-11.379	11.9	0.464	0.681	227.93	18.8	29.55	12.99	37.355
KAPTEYN'S STAR	14	-3.464	-9.776	-7.463	12.78	0.00383	0.062	10.61	20.72	-288.6	-51.91	293.962
AX MICROSCOPII	15	9.907	0.673	-8.078	12.87	0.0287	0.169	34.67	64.079	-18.5	22.85	70.494
GLIESE 1	16	3.18	-0.977	-13.83	14.22	0.00625	0.079	13	-75.18	-98	33.94	128.094
GLIESE 687	17	-1.867	12.39	7.824	14.772	0.00389	0.062	12.41	29.61	-20.73	3.901	36.355
WX URSA MAJORIS	18	-6.852	1.396	14.12	14.772	0.00649	0.081	16.7	-123.1	-6.025	17.64	124.503
GLIESE 380	19	-9.193	4.716	12.08	15.896	0.0473	0.217	45.28	-9.681	-21.02	-35.18	42.109
AD LEONIS	20	-7.45	-5.51	13	15.964	0.0036	0.06	12.1	-14.8	-7.6	3.39	16.979
GLIESE 832	21	10.81	-2.035	-11.76	16.103	0.00727	0.085	14.95	2.277	-19.52	0.774	19.808
40 ERIDANI	22	-12.19	-4.677	-10.01	16.452	0.376	0.613	202.52	97.01	-12.01	-42.4	106.55
70 OPHIUCHI A	23	14.08	8.195	3.112	16.586	0.466	0.683	227.63	7.503	-19.77	-18.69	28.222
70 OPHIUCHI B	24	14.08	8.195	3.112	16.586	0.0897	0.299	77.27	7.503	-19.77	-18.69	28.222
ALTAIR	25	11.04	12.33	-2.728	16.774	11.39	3.375	1601.12	-28.85	-10.19	-2.345	30.686
SIGMA DRACONIS	26	-3.451	17.1	7.025	18.806	0.39	0.624	198.91	31.05	44.63	-1.88	57.233
GLIESE 229	27	-11.79	-13.48	-5.817	18.806	0.016	0.126	24.19	11.69	-12.26	-12.12	20.829
GLIESE 752	28	14.46	12.49	-1.264	19.149	0.00682	0.083	13.88	53.9	-7.261	-5.075	54.623
GLIESE 570 A	29	15.21	-5.905	10.25	19.269	0.156	0.395	100.13	49.97	-22.57	-32.46	63.719
GLIESE 570 B	30	15.21	-5.905	10.25	19.269	0.019	0.138	25.25	49.97	-22.57	-32.46	63.719

GLIESE 588	31	16.91	-8.577	3.9	19.358	0.00579	0.076	11.56	-5.354	-45.63	-0.726	45.949
ETA CASSIOPEIAE A	32	-10.54	-16.22	-1.619	19.411	1.287	1.134	420.69	-29.84	-11.08	-15.03	35.201
ETA CASSIOPEIAE B	33	-10.54	-16.22	-1.619	19.411	0.0306	0.175	37.03	-29.84	-11.08	-15.03	35.201
36 OPHIUCHI A	34	19.34	-0.459	-2.129	19.462	0.291	0.539	164.84	0.436	-34.27	-5.782	34.937
36 OPHIUCHI B	35	19.34	-0.459	-2.129	19.462	0.28	0.529	161.4	0.436	-34.27	-5.782	34.937
36 OPHIUCHI C	36	19.34	-0.459	-2.129	19.462	0.0911	0.302	76.32	0.436	-34.27	-5.782	34.937
GLIESE 908	37	19.43	-0.916	-0.816	19.469	0.00791	0.089	19.78	-8.506	-70.06	40.07	81.156
82 ERIDANI	38	-3.748	-10.45	-16.35	19.763	0.632	0.795	274.53	-78.78	-92.9	27.35	124.839
DELTA PAVONIS	39	14.47	-8.39	-10.82	19.921	1.231	1.11	431.1	-48.76	-14.11	-14.3	52.736