Nearby Star Summary Table (3 pages) pdf.

This table represents an effort to present information on nearby stars in a form that is compact and useful to writers and non-specialists in the SETI community who are not necessarily always on line. The basic information comes from a combination of web sites, papers and catalogs, primarily the preliminary 3rd Catalog of Nearby Stars and the Hipparcos astrometric data base. When not given, spectral class has been estimated from absolute visual magnitude (MV). Luminosity was calculated by the author from MV using published bolometric correction tables. Mass values were taken from literature or estimated from luminosity. Multiple star orbit information varies in quality. The table is not intended for professional astronomical work. Persons who need references for academic work are advised to consult primary sources. The table may be printed out as a quick reference sheet, or to be copied and pasted into spreadsheets with a minimum of work (highlight, paste, and use "find/change" to replace the vertical lines with tabs). Gerald Nordley, October 2004.

(1) Proper or common name. Proper name or distinctive catalog designation
(2) Gliese-Jahreiss Preliminary 3rd Catalog of Nearby Stars (CNS). The suffix in multiple systems is usually awarded in order of discovery.
(3) Spectral and luminosity class. (O,B,A,F,G,K,M,L,T - I-VII) with notes: e: emission lines; fl: flares noted; vr: variable; DA, Z9 etc.:white dwarfs
(4) Right Ascension: Angle from the 'first point of Ares'in hours (15 deg/hr)
(5) Declination (celestial latitude, north or south of the projected equator)
(6) Distance in light years (round trip signal time is twice this in years)
(7) Apparent visual magnitude
(8) Absolute bolometric luminosity (calculated)
(9) Estimated mass of the star
(10) The distance of a planet from the star at which its insolation would equal Earth's
(11) Multiple star orbit reference: CB@A means numbers refer to pair CB orbiting component A
(12) Scale of orbit in AU's. If a period is given, the semimajor axis, if not, projected separation
(13) Periods of a few years are usually measured, longer ones are estimated from mass and separation.
(14) The number of *known* planets around the star.

line no.	(1) Name	(2) Gliese 3rd CNS	(3) Spectral Class	(4) RA Hrs	(5) Dec Degs	(6) Dist LY	(7) app V mag	(8) Luminosity Sun=1	(9) Mass S=1	(10) a Ter insol	(11) Mult Orb.	(12) Orbit scale	(13) Period Years	(14) Plan-ets
1	Sun		G2V	00.000	0.000	0.00	-26.7	1.000000	1.00	1.004		0		9
2	Proxima	GJ 551	M5Ve fl	14.497	-62.681	4.22	11.05	.000609	.11	.025	C@A?	14144		0
3	α Cen A	GJ 559A	G0V	14.661	-60.835	4.40	-.01	1.67	1.14	1.293	A	24.11		0
4	α Cen B	GJ 559B	K1V	14.661	-60.839	4.40	1.33	.578	.92	.761	B@A	24.11	81.18	0
5	Barnard's	GJ 699	M4VI	17.964	4.668	5.94	9.55	.00347	.17	.059		0		0
6	Wolf 359	GJ 406	M6V	10.945	7.053	7.80	13.45	.000354	.09	.019		0		0
7	Lal 21185	GJ 411	M2V	11.056	35.981	8.31	7.48	.0291	.46	.171		0		2?
8	BL Cet	GJ 65A	M5.5Ve	01.647	-17.958	8.57	12.52	.000807	.10	.028	A	6.439		0
9	UV Cet	GJ 65B	M5.5Ve fl	01.647	-17.958	8.57	12.57	.000771	.10	.028	B@A	6.439	26.52	0
10	Sirius A	GJ 244A	A0V	06.753	-16.713	8.60	-1.43	26.44	1.99	5.142	A	0		0
11	Sirius B	GJ 244B	B1VII DA	06.753	-16.699	8.60	8.44	.0272	1.01	.165	B@A	28.75	50.09	0
12	Ross 154	GJ 729	M3.5Ve	18.830	-23.836	9.69	10.46	.00360	.17	.060		0		0
13	Ross 248	GJ 905	M6Ve	23.698	44.197	10.33	12.29	.00181	.12	.043		0		0
14	eps Eri	GJ 144	K2V	03.549	-9.458	10.50	3.73	.379	.85	.616		0		1
15	Lac 9352	GJ 887	M2.5V	23.096	-35.856	10.73	7.34	.0623	.53	.250		0		0
16	Ross 128	GJ 447	M4.5V	11.796	.808	10.89	11.12	.00323	.16	.057		0		0
17	L 789-6 A	GJ 866A	M5.5Ve	22.640	-15.334	11.08	12.33	.00160	.11	.040	A	0		0
18	L 789-6 C	GJ 866C	M5.5Ve	22.640	-15.334	11.08	12.33	.00160	.11	.040	C@A	.0424	.0191	0
19	L 789-6 B	GJ 866B	M5.5Ve	22.640	-15.334	11.08	12.20	.00181	.12	.043	B@AC	1.272	2.251	0
20	Procyon A	GJ 280A	F5V-IV	07.655	5.228	11.41	.38	7.58	1.57	2.753	A	0		0
21	Procyon B	GJ 280B	A7VII DA6	07.656	5.241	11.41	10.70	.000550	.60	.023	B@A	28.92	40.82	0
22	61 Cyg A	GJ 820A	K5V	21.114	38.741	11.36	5.21	.150	.70	.387	A	0		0
23	61 Cyg B	GJ 820B	K7V fl	21.114	38.734	11.43	6.03	.0931	.63	.305	B@A	105.7	659	0
24	Str 2398A	GJ 725A	M3V	18.713	59.622	11.47	8.91	.0188	.29	.137	A	0		0
25	Str 2398B	GJ 725B	M3.5V	18.713	59.626	11.47	9.69	.0102	.22	.101	B@A	68.41	408	0
26	Str 2398C	GJ 725C	M6Ve	18.716	59.573	11.47	12.80	.00139	.13	.037	C@AB	335.1	7651	0
line-	Name	Gliese 3rd CNS	Spectral Class	RA Hrs	Dec Degs	Dist LY	app V mag	Luminosity Sun=1	Mass S=1	a Ter insol	Mult Orb.	Orbit scale	Period Years	Plan-ets
27	Grb 34 A	GJ 15A	M1V fl	00.306	44.022	11.64	8.08	.0256	.33	.160	A	0		0
28	Grb 34 B	GJ 15B	M6Ve	00.302	44.018	11.64	11.06	.00713	.14	.084	B@A	167.2	2600	0
29	DX Can	GJ 1111	M6.5V VI?	08.498	26.787	11.83	14.81	.000261	.09	.016		0		0
30	eps Ind A	GJ 845A	K5V	22.055	-56.780	11.83	4.69	.262	.67	.512	A	0		0
31	eps Ind B	GJ 845B	L8.5V	22.055	-56.780	11.83	29.32	.000030	.03	.005	BC@A	2063	1.1E5	0
32	eps Ind C	GJ 845C	T4V	22.055	-56.780	11.83	54.75	.000013	.02	.004	C@B	3.112	24.13	0
33	tau Cet	GJ 71	G8V	01.735	-15.940	11.90	3.49	.515	.92	.718		0		0
34	YZ Cet	GJ 54.1	M5.5V	01.208	-17.001	12.12	12.05	.00249	.14	.050		0		0
35	Luyten's	GJ 273	M5V	07.457	5.235	12.39	9.85	.0158	.26	.126		0		0
36	Kapteyn's	GJ 191	M0V	05.193	-45.004	12.78	8.85	.0122	.39	.110		0		0
37	Lac 8760	GJ 825	M1.5V	21.288	-38.865	12.87	6.67	.130	.60	.361		0		0
38	Kr 60 A	GJ 860A	M2V	22.467	57.697	13.07	9.85	.00812	.25	.090	A	0		0
39	Kr 60 B	GJ 860B	M6V fl	22.468	57.702	13.07	11.30	.00721	.16	.085	B@A	43.11	44.67	0
40	D1048-395	X1	M9V	10.802	-39.934	13.16	16.50	.000346	.08	.019	S	0		0
41	Ross 614A	GJ 234A	M4.5Ve	06.490	-2.812	13.43	11.13	.00487	.19	.070	A	0		0
42	Ross 614B	GJ 234B	M8V	06.489	-2.803	13.43	14.60	.000826	.11	.029	B@A	5.598	16.5	0
43	Wolf 1061	GJ 628	M4V	16.505	-12.660	13.91	10.08	.0117	.26	.108		0		0
44	L 372-58	GJ 1061	M4.5V	03.599	-44.506	14.00	13.03	.000919	.11	.030		0		0
45	Wolf 424A	GJ 473A	M5.5Ve	12.556	9.017	14.05	13.04	.00134	.14	.037	A	0		0
46	Wolf 424B	GJ 473B	M7V	12.556	9.017	14.05	13.30	.00166	.12	.041	B@A	3.998	15.9	0
47	GJ 1	GJ 1	M2V	00.089	-37.352	14.22	8.54	.0321	.83	.179		0		0
48	vMA 2	GJ 35	F2VII DZ7	00.819	5.395	14.37	12.38	.000187	.83	.014		0		0
49	GJ 3522	GJ 3522	M4V	08.982	8.480	14.56	10.89	.00607	.22	.078		0		0
50	TZ Ari	GJ 83.1	M4.5Ve	02.003	13.078	14.57	12.28	.00199	.14	.045		0		0

line	Name	Gliese 3rd CNS	Spectral Class	RA Hrs	Dec Degs	Dist LY	app V mag	Luminosity Sun=1	Mass S=1	a Ter insol	Mult Orb.	Orbit scale	Period Years	Planets
51	L 143-23	GJ 3618	M7V	10.743	-61.216	14.64	13.92	.00102	.11	.032		0		0
52	L 622-7	GJ 563.2B	M1.5V	14.826	-26.111	14.71	11.66	.00131	.19	.036	A	0		0
53	L 622-8	GJ 563.2A	M4V	14.826	-26.111	14.71	12.11	.00201	.17	.045	B@A	172.2	3704	0
54	GJ 3622	GJ 3622	M6.5V VI?	10.803	-11.316	14.76	15.60	.000196	.08	.014		0		0
55	GJ 687	GJ 687	M3.5V	17.607	68.342	14.77	9.18	.0272	.39	.165		0		0
56	GJ 674	GJ 674	K9V	17.478	-46.893	14.80	9.37	.00904	.36	.095		0		0
57	GJ 1245 A	GJ 1245A	M5.5Ve	19.898	44.423	14.83	13.41	.00107	.14	.033	A	0		0
58	GJ 1245 C	GJ 1245C	M9V	19.898	44.423	14.83	16.66	.000379	.10	.019	C@A	1.8	15.22	0
59	GJ 1245 B	GJ 1245B	M6V	19.892	44.409	14.81	14.01	.000763	.13	.028	B@AC	51.38	675	0
60	GJ 440	GJ 440	A3VII DQ6	11.761	-64.841	15.07	11.50	.000481	.75	.022		0		0
61	GJ 1002	GJ 1002	M5.3V	00.113	-7.513	15.33	13.75	.000745	.11	.027		0		0
62	GJ 876	GJ 876	M5V	22.888	-14.262	15.34	10.17	.0181	.32	.134		0		2
63	GJ 412 A	GJ 412A	M2V	11.092	43.524	15.76	8.74	.0328	.37	.181	A	0		0
64	GJ 412 B	GJ 412B	M6V e	11.098	43.509	15.76	14.40	.000603	.10	.025	B@A	204	3820	0
65	Grb 1618	GJ 380	K8V	10.190	49.455	15.89	6.59	.120	.64	.347		0		0
66	AD Leo	GJ 388	M4.5Ve var	10.327	19.871	16.00	9.40	.0340	.39	.184		0		0
67	GJ 832	GJ 832	M1.5V	21.559	-49.007	16.10	8.67	.03223	.50	.180		0		0
68	LP944-020	X2	L2V	03.656	-35.424	16.19	22.20	.000100	.05	.010		0		0
69	GJ 682	GJ 682	M3.5V	17.618	-44.317	16.45	10.95	.00660	.21	.081		0		0
70	40Eri A	GJ 166A	K1V	04.255	-7.645	16.45	4.43	.467	.89	.684	A	0		0
71	40Eri B	GJ 166B	B7VII DA4	04.258	-7.610	16.45	9.52	.00727	.50	.085	BC@A	400	7700	0
72	40Eri C	GJ 166C	M4.5Ve	04.258	-7.610	16.45	11.17	.00704	.20	.084	C@B	37.02	252.1	0
73	GJ 873 A	GJ 873A	M3.5Ve	22.781	44.335	16.47	10.60	.00913	.29	.096	A	0		0
74	GJ 873 B	GJ 873B	M7V	22.781	44.340	16.47	13.00	.00301	.15	.055	CB@A	221.4	4366	0
75	GJ 873 C	GJ 873C	M7.5V	22.781	44.340	16.47	13.50	.00255	.14	.050	C@B	3.57	12.68	0
76	70 Oph A	GJ 702A	K0V	18.091	2.502	16.59	4.21	.550	.92	.742	A	0		0
77	70 Oph B	GJ 702B	K5Ve	18.091	2.514	16.59	6.00	.154	.70	.393	B@A	27.07	88.38	0
78	Altair	GJ 768	A7V-IV	19.846	8.867	16.77	.77	11.231	2.22	3.351		0		0
79	L 722-22A	GJ 1005A	M4V	00.258	-16.132	17.00	12.03	.00290	.18	.054	A	0		0
80	L 722-22B	GJ 1005B	M7V	00.258	-16.132	17.00	12.94	.00340	.11	.058	B@A	2.831	4.566	0
81	GJ 1116 A	GJ 1116A	M6V	08.972	19.764	17.05	14.06	.000965	.12	.031	A	0		0
82	GJ 1116 B	GJ 1116B	M8V	08.972	19.765	17.05	14.92	.000992	.10	.031	B@A	33	360	0
83	LTT 17897	GJ 3379	M4V	06.001	2.708	17.51	11.33	.00586	.20	.077		0		0
84	GJ 445	GJ 445	M4V	11.794	78.690	17.58	10.80	.00963	.24	.098		0		0
85	Wolf 498	GJ 526	M3V	13.762	14.895	17.71	8.46	.0682	.53	.261		0		0
86	LP 816-06	X3	M4V	20.876	-16.975	17.91	11.41	.00569	.19	.075		0		0
87	Stn 2051A	GJ 169.1A	M3V	04.519	58.982	17.98	11.08	.00629	.22	.079	A	0		0
88	Stn 2051B	GJ 169.1B	F0VII DC5	04.517	59.008	17.98	12.44	.000270	.50	.016	B@A	.4259	23	0
89	Wolf 358A	GJ 402A	M4	10.848	6.810	18.38	11.65	.00481	.21	.069	A	0		0
90	Wolf 1453	GJ 754	M1V	05.524	-3.672	18.56	7.96	.0728	.57	.270		0		0
91	L 347-14	GJ 205	M4.5V	19.346	-45.520	18.56	12.23	.00338	.16	.058		0		0
92	Wolf 294	GJ 251	M4V	06.914	33.276	18.79	10.01	.0227	.33	.151		0		0
93	σ Dra	GJ 764	K0V	19.539	69.665	18.81	4.68	.459	.89	.678		0		0
94	GJ 229 A	GJ 229A	M1.5V	06.176	-21.863	18.83	8.14	.0719	.56	.268	A	0		0
95	GJ 229 B	GJ 229B	T6.9V	06.176	-21.863	18.83	56.58	.000006	.05	.002	B@A	63.54	200	0
96	Ross 47	GJ 213	M5V	05.702	12.493	18.88	11.53	.00782	.20	.088		0		0
97	GJ 693	GJ 693	M5V	17.777	-57.316	18.95	10.75	.0162	.26	.127		0		0
98	L 674-15	GJ 300	M4V	08.211	-21.542	19.19	12.10	.00346	.19	.059		0		0
99	Ross 652	GJ 752A	M2.5V	19.282	5.169	19.16	9.13	.0382	.42	.195	A	0		0
100	vB 10	GJ 752B	M8V fl	19.282	5.169	19.16	17.30	.000140	.08	.012	B@A	770.9		0
101	GJ 570 A	GJ 570A	K4V	14.958	-21.411	19.26	5.75	.224	.76	.473	A	0		0
102	GJ 570 B	GJ 570B	M1V	14.954	-21.407	19.20	8.10	.0685	.55	.262	BC@A	199.6	2130	0
103	GJ 570 C	GJ 570C	M3V	14.954	-21.407	19.20	9.94	.0205	.35	.143	C@B	.9308	.8457	0
104	GJ 570 D	GJ 570D	T8V	14.953	-21.358	19.20	56.62	.000006	.02	.002	D@AB	2151	77092	0
105	Ross 882	GJ 285	M4.5Ve	07.745	3.554	19.35	11.20	.00947	.23	.097		0		0
106	GJ 588	GJ 588	M0V	15.537	-41.273	19.35	9.31	.0183	.46	.135		0		0
107	eta Cas A	GJ 34A	G0V	00.818	57.817	19.42	3.45	1.347203	1.11	1.161	A	0		0
108	eta Cas B	GJ 34B	K7V	00.816	57.824	19.42	7.51	.0688	.60	.262	B@A	125.2	480	0
109	36 Oph A	GJ 663A	K1Ve	17.256	-26.588	19.52	5.07	.365	.85	.604	A	0		0
110	36 Oph B	GJ 663B	K2V	17.256	-26.600	19.52	5.11	.368	.85	.607	B@A	78.96	470.9	0
111	V2215 Oph	GJ 664C?	K5V	17.270	-26.543	19.47	6.33	.157	.71	.396	C@AB	6179	≈3E5	0
112	Lal 46650	GJ 908	M1V	23.820	2.401	19.47	8.98	.0313	.51	.177		0		0
113	GJ 783 A	GJ 783A	K2V	20.187	-36.097	19.74	5.32	.310	.82	.557	A	0		0
114	GJ 783 B	GJ 783B	M3.5V	20.186	-36.081	19.74	11.50	.00573	.20	.076	B@A	59.92	458	0
115	82 Eri	GJ 139	G8V	03.331	-43.072	19.77	4.26	.700	.97	.836		0		0
116	δ Pav	GJ 780	G5IV var	20.145	-66.179	19.92	3.56	1.317	1.10	1.148		0		0
117	Wolf 1481	GJ 555	M4V	14.571	-12.521	19.95	11.31	.00774	.22	.088		0		0
118	GJ 3323	GJ 3323	M4.5V	05.033	-6.937	20.01	12.10	.00442	.20	.066		0		0
119	EGGR 372	GJ 1221	G7VII DX9p	17.805	70.860	20.03	14.15	.000079	.81	.009		0		0
120	GJ 3454	GJ 3454	M5V	07.607	7.084	20.13	13.22	.00186	.15	.043		0		0
121	GJ 2130 A	GJ 2130A	M2V	17.770	-32.103	20.16	10.49	.0107	.30	.104	A	0		0
122	GJ 2130Ba	GJ 2130Ba	M2V	17.771	-32.102	20.16	11.39	.00468	.23	.068	BC@A	218.6	3702	0
123	GJ 2130Bb	GJ 2130Bb	M2V	17.771	-32.102	20.16	11.39	.00468	.23	.068	C@B	4.372	13.5	0
124	GJ 338 A	GJ 338A	K7V	09.240	52.688	20.18	7.62	.0672	.60	.259	A	0		0
125	GJ 338 B	GJ 338B	M0V	09.241	52.688	20.45	7.71	.0892	.60	.299	B@A	110		0

li-ne	Name	Gliese 3rd CNS	Spectral Class	RA Hrs	Dec Degs	Dist LY	app V mag	Luminosity Sun=1	Mass S=1	a Ter insol	Mult Orb.	Orbit scale	Period Years	Plan-ets
126	GJ 784	GJ 784	M0V	20.231	-45.164	20.24	7.97	.0688	.58	.262		0		0
127	L 100-115	GJ 1128	M4.5V	09.715	-68.901	20.26	12.78	.00242	.17	.049		0		0
128	GJ 3877	GJ 3877	M7V VI?	14.944	-28.154	20.26	17.05	.000109	.08	.010		0		0
129	GJ 896 A	GJ 896A	M3.5Ve	23.531	19.937	20.38	10.32	.0181	.32	.134	A	0		0
130	GJ 896 B	GJ 896B	M4.5Ve	23.531	19.938	20.38	12.40	.00348	.21	.059	B@A	51.47	359	0
131	GJ 896 C	GJ 896C	M4V	23.531	19.938	20.38	11.50	.00678	.13	.082	C@AB	433	11057	0
132	GJ 896 D	GJ 896D	M7V	23.531	19.938	20.38	13.50	.00291	.09	.054	D@AB	340.2	7943	0
133	Wolf 562	GJ 581	M3V	15.324	-7.722	20.45	10.56	.0131	.30	.115		0		0
134	D0255-470	X4	L8V	02.918	-47.014	20.49	29.05	.000029	.03	.005		0		0
135	GJ 661 A	GJ 661A	M3.5V	17.202	45.670	20.62	9.96	.0258	.32	.161	A	0		0
136	GJ 661 B	GJ 661B	M4V	17.202	45.687	20.62	10.40	.0191	.29	.138	B@A	13	60	0
137	Ross 986A	GJ 268A	M4.5V var	07.167	38.532	20.74	11.49	.00833	.17	.091	A	0		0
138	Ross 986B	GJ 268B	M6V	07.167	38.532	20.74	12.05	.00910	.16	.095	B@A	.063	.028	0
139	Sand 215	GJ 2097	M4.5V	13.117	20.816	20.91	12.58	.00310	.18	.056		0		0
140	GJ 3959	GJ 3959	M5V fl	16.520	40.859	20.91	14.76	.000489	.12	.022		0		0
141	EGGR 45	GJ 9193	K1VII DZ9	05.919	-4.138	21.07	14.45	.000076	.77	.009		0		0
142	GJ 644A	GJ 644A	M3Ve	16.925	-8.334	21.05	9.04	.0564	.41	.238	A	0		0
143	GJ 644Ba	GJ 644Ba	M4Ve	16.925	-8.325	21.05	9.80	.0346	.34	.186	B@A	.96	1.717	0
144	GJ 644Bb	GJ 644Bb	M4Ve	16.925	-8.325	21.05	10.40	.0199	.30	.141	Bb@B	.0368	.0081	0
145	vB 8	GJ 644D	M7V fl	16.927	-8.384	21.05	16.70	.000163	.09	.013	D@A	2008	93603	0
146	GJ 643	GJ 643	M4V	16.924	-8.320	21.18	11.80	.00556	.19	.075	F@A	643.1	17857	0
147	GJ 892	GJ 892	K3V	23.221	57.168	21.28	5.56	.311	.81	.558		0		0
148	L1190-34	GJ 1156	M5Ve	12.318	11.122	21.33	13.81	.00122	.12	.035		0		0
149	GJ 625	GJ 625	M2V	16.423	54.305	21.47	10.12	.0171	.37	.131		0		0
150	Ross 104	GJ 408	M3V	11.001	22.834	21.61	10.02	.0241	.39	.155		0		0
li-ne	Name	Gliese 3rd CNS	Spectral Class	RA Hrs	Dec Degs	Dist LY	app V mag	Luminosity Sun=1	Mass S=1	a Ter insol	Mult Orb.	Orbit scale	Period Years	Plan-ets
151	xi Boo A	GJ 566A	G8V	14.856	19.101	21.85	4.70	.570	.94	.755	A	0		0
152	xi Boo B	GJ 566B	K4Ve	14.856	19.101	21.85	6.97	.0938	.67	.306	B@A	47.38	256	0
153	Ross 775A	GJ 829A	M4V	21.493	17.642	21.99	10.00	.0315	.27	.177	A	0		0
154	Ross 775B	GJ 829B	M5V	21.493	17.642	21.99	10.50	.0199	.27	.141	B@A	.1414	.1457	0
155	L 119-44	GJ 4285	M3.5V	22.632	-65.817	22.19	11.45	.00757	.24	.087		0		0
156	GJ 3192 A	GJ 3192A	M3V fl	03.031	-16.592	22.37	11.94	.00442	.21	.067	A	0		0
157	GJ 3193 B	GJ 3193B	M3V	03.031	-16.592	22.37	11.32	.00781	.24	.088	BC@A	67.91	708.4	0
158	GJ 3192 C	GJ 3192C	M5V	03.031	-16.592	22.37	13.10	.00256	.17	.051	C@B	9.701	47.21	0
159	Ross 671	GJ 880	M2V	22.943	16.554	22.45	8.67	.0711	.55	.267		0		0
160	L 97-12	GJ 293	G5VII Q9	07.884	-67.772	22.54	14.08	.000105	.72	.010		0		0
161	GJ 667 A	GJ 667A	K4V	17.316	-34.990	22.74	6.29	.190	.64	.436	A	0		0
162	GJ 667 B	GJ 667B	K5V	17.315	-34.990	22.74	7.20	.0961	.57	.310	C@A	17.85	42.15	0
163	GJ 667 C	GJ 667C	M2.5V	17.315	-34.995	22.74	10.24	.0193	.31	.139	B@AC	303.7	4497	0
164	GJ 667 D	GJ 667D	M6V	17.316	-34.987	22.74	12.80	.00548	.18	.074	D@A	144	1682	0
165	Ross 619	GJ 299	M3V	08.198	8.773	22.81	12.83	.00202	.15	.045		0		0
166	GJ 809	GJ 809	M2V	20.889	62.156	22.98	8.55	.08313	.56	.288		0		0
167	L 471-42	GJ 3737	M4V ?	12.648	-38.357	23.46	12.74	.00287	.18	.054		0		0
168	HR 753 A	GJ 105A	K3V ?	02.601	6.883	23.51	5.82	.299	.71	.547	A	0		0
169	HR 753 B	GJ 105B	M3.5V	02.603	6.852	23.51	11.66	.00701	.23	.084	B@AC	1170	41286	0
170	HR 753 C	GJ 105C	M8V	02.600	6.883	23.51	16.90	.000305	.09	.017	C@A	15.18	61	
171	GJ 1286	GJ 1286	M5V ?	23.586	-2.379	23.53	14.69	.000661	.12	.026		0		0
172	Ross 446	GJ 393	M2V ?	10.482	.843	23.59	9.64	.0321	.36	.179		0		0
173	GJ 3991 A	GJ 3991A	M3V ?	17.159	43.682	23.66	11.80	.00561	.23	.075	A	0		0
174	GJ 3391 B	GJ 3991B	A0VII	17.159	43.682	23.66	9.52	.015040	.50	.123	B@A	.1051	.04	0
li-ne	Name	Gliese 3rd CNS	Spectral Class	RA Hrs	Dec Degs	Dist LY	app V mag	Luminosity Sun=1	Mass S=1	a Ter insol	Mult Orb.	Orbit scale	Period Years	Plan-ets
175	GJ 4053	GJ 4053	M6V ?	18.315	66.198	23.76	13.48	.00320	.16	.057		0		0
176	GJ 1230 A	GJ 1230Aa	M4æ5V	18.685	24.784	23.98	13.30	.00247	.16	.050	A	0		0
177	GJ 1230 C	GJ 1230Ab	M4æ5V	18.685	24.784	23.98	13.30	.00210	.16	.046	Ab@A	.0399	.0139	0
178	GJ 1230 B	GJ 1230B	M7V ?	18.685	24.786	23.98	14.40	.00176	.13	.042	B@A	52	700	0
179	L 788-34	GJ 4274	M4V	22.385	-17.598	24.32	13.25	.00193	.17	.044		0		0
180	Wolf 25	GJ 33	K2V	00.806	5.283	24.33	5.74	.320	.73	.566		0		0
181	HR 493	GJ 68	K1V	01.708	20.270	24.36	5.22	.495	.80	.703		0		0
182	bet Hyd	GJ 19	G2IV	00.428	-77.255	24.38	2.80	3.94	.82	1.984		0		0
183	LHS 1070A	GJ 2005A	M7.5V	00.412	-27.156	24.46	15.52	.000878	.10	.030	A	0		0
184	LHS 1070B	GJ 2005B	M9V	00.412	-27.156	24.46	18.78	.000146	.08	.012	BC@A	37.31	100	0
185	LHS 1070C	GJ 2005C	M9.5V	00.412	-27.156	24.46	19.18	.000243	.08	.016	C@B	4.967	16.1	0
186	LHS 1070D	GJ 2005D	M8.5V	00.412	-27.156	24.46	17.28	.000368	.09	.019	D@A	.1114	1	0
187	GJ1224	GJ 1224	M7V ?	18.126	-15.961	24.58	13.63	.00375	.16	.061		0		0
188	Ross 556	GJ 109	M3.5Ve	02.737	25.524	24.63	10.57	.0210	.30	.145		0		0
189	μ Cas A	GJ 53A	G5V p	01.137	54.924	24.63	5.17	.457	.81	.676	A	0		0
190	μ Cas B	GJ 53B	M4V ?	01.132	54.942	24.63	11.10	.0143	.26	.120	B@A	1.4	21.4	0
191	L 1813-21	GJ 3378	M5V ?	06.020	59.612	24.67	11.71	.0113	.23	.106		0		0
192	Ross 490	GJ 514	M1V	13.500	10.380	24.88	9.05	.0479	.42	.219		0		0
193	GJ 879	GJ 879	K4V p	22.940	-31.565	24.91	6.48	.191	.64	.437		0		0
194	L 399-68	GJ 480.1	M4V	12.680	-43.568	24.99	12.24	.00516	.21	.072		0		0
195	Fomalhaut	GJ 881	A3V	22.961	-29.622	25.07	1.16	18.35	2.01	4.283		0		0
196	Wolf 718	GJ 673	K7V	17.429	2.114	25.18	7.53	.114	.56	.337		0		0
197	GJ 3417	GJ 3417	M7V ?	06.965	62.331	25.28	13.65	.00390	.16	.062		0		0
198	Vega	GJ 721	A0V var	18.616	38.783	25.30	.03	59.61	2.76	7.721		0		0
199	GJ 1093	GJ 1093	M7V ?	06.990	19.362	25.30	14.83	.00132	.12	.036		0		0
200	L 991-14	GJ 701	M2V	18.085	-3.031	25.43	9.38	.0474	.39	.218		0		0