

Day	Sun -12°	Sun -18°	Sun -18°	Sun -12°	Star Name	1h before Min.	Azi	Alt	Time of minimum	Azi	Alt	1h after Min.	Azi	Alt	Helio Corr
sab 21-01-12	17.07	17.40	04.45	05.18	EZ Lac - I	sab 18.44	128	39	sab 19.44	133	31	sab 20.44	139	23	-101
					V423 Tau - II	sab 18.59	123	52	sab 19.59	126	43	sab 20.59	131	34	-3
					V473 And - I	sab 19.50	115	40	sab 20.50	121	30	sab 21.50	128	21	-58
					CQ Ori - I	sab 20.16	329	59	sab 21.16	358	62	sab 22.16	27	59	438
					EH Lyn - II	sab 20.23	262	47	sab 21.23	271	59	sab 22.23	284	70	467
					VV Eri - II	sab 21.21	65	39	sab 22.21	78	29	sab 23.21	88	17	161
					V423 Tau - I	sab 23.54	122	58	dom 00.54	124	48	dom 01.54	128	39	366
					EH Lyn - I	dom 00.18	28	81	dom 01.18	70	73	dom 02.18	86	62	467
					G1518.0913 Her - II	dom 01.33	255	16	dom 02.33	265	27	dom 03.33	275	39	-169
					V691 Her - I	dom 01.46	261	17	dom 02.46	271	28	dom 03.46	282	39	-179
					V1106 Her - I	dom 03.46	256	23	dom 04.46	265	34	dom 05.46	275	46	-286
					EH Lyn - II	dom 04.14	103	40	dom 05.14	111	30	dom 06.14	119	20	467
dom 22-01-12	17.08	17.41	04.44	05.17	V423 Tau - I	dom 19.32	228	74	dom 20.32	194	81	dom 21.32	143	78	363
					EH Lyn - II	dom 19.55	259	43	dom 20.55	267	54	dom 21.55	278	65	468
					V473 And - II	dom 19.55	116	38	dom 20.55	122	29	dom 21.55	129	20	-65
					EH Lyn - I	dom 23.50	352	82	lun 00.50	59	77	lun 01.50	81	66	468
					EH Lyn - II	lun 03.45	100	45	lun 04.45	108	34	lun 05.45	116	24	468
					V1106 Her - I	lun 04.12	260	29	lun 05.12	270	40	lun 06.12	281	51	-283
lun 23-01-12	17.09	17.43	04.44	05.17	EH Lyn - II	lun 19.26	255	39	lun 20.26	263	50	lun 21.26	273	61	469
					V473 And - I	lun 20.00	116	37	lun 21.00	123	27	lun 22.00	130	18	-71
					V423 Tau - II	lun 20.04	127	41	lun 21.04	132	33	lun 22.04	137	25	-16
					DT Cam - II	lun 21.31	143	70	lun 22.31	134	62	lun 23.31	132	54	310
					EH Lyn - I	lun 23.22	320	80	mar 00.22	40	80	mar 01.22	74	71	469
					V423 Tau - I	mar 00.58	125	46	mar 01.58	129	37	mar 02.58	134	29	358
					V691 Her - II	mar 03.05	276	33	mar 04.05	288	44	mar 05.05	304	54	-167
					EH Lyn - II	mar 03.17	97	49	mar 04.17	105	38	mar 05.17	113	28	469
					G1518.0913 Her - I	mar 03.40	277	41	mar 04.40	290	52	mar 05.40	309	62	-157
mar 24-01-12	17.10	17.44	04.43	05.16	EH Lyn - II	mar 18.58	252	34	mar 19.58	260	45	mar 20.58	269	56	469
					V473 And - II	mar 20.05	117	36	mar 21.05	124	26	mar 22.05	131	17	-78
					V423 Tau - I	mar 20.36	182	81	mar 21.36	137	77	mar 22.36	124	68	354
					EH Lyn - I	mar 22.53	301	77	mar 23.53	9	82	mer 00.53	65	75	469
					G1518.0913 Her - I	mer 02.47	269	32	mer 03.47	280	43	mer 04.47	293	54	-152
					EH Lyn - II	mer 02.49	93	54	mer 03.49	102	43	mer 04.49	109	32	470
mer 25-01-12	17.12	17.45	04.43	05.16	V423 Tau - I	mer 16.14	235	46	mer 17.14	238	55	mer 18.14	237	64	350
					V1187 Cyg - II	mer 16.14	119	34	mer 17.14	126	24	mer 18.14	133	16	-238
					EH Lyn - II	mer 18.30	249	30	mer 19.30	257	41	mer 20.30	265	52	470
					VV Eri - I	mer 18.48	21	57	mer 19.48	44	51	mer 20.48	61	42	129
					V473 And - I	mer 20.10	118	34	mer 21.10	125	25	mer 22.10	133	16	-85
					V423 Tau - II	mer 21.08	133	31	mer 22.08	139	23	mer 23.08	146	16	-29
					EH Lyn - I	mer 22.25	290	73	mer 23.25	333	82	gio 00.25	50	79	470
					CQ Ori - II	mer 22.55	49	53	mer 23.55	66	44	gio 00.55	78	33	421
					G1518.0913 Her - I	gio 01.55	261	23	gio 02.55	271	34	gio 03.55	282	46	-146
					V423 Tau - I	gio 02.03	130	36	gio 03.03	135	27	gio 04.03	142	20	349
					EH Lyn - II	gio 02.20	89	58	gio 03.20	98	47	gio 04.20	106	36	470
					V1106 Her - II	gio 02.28	246	13	gio 03.28	255	23	gio 04.28	264	34	-275
gio 26-01-12	17.13	17.46	04.42	05.15	V423 Tau - II	gio 16.46	126	70	gio 17.46	122	61	gio 18.46	123	51	-34
					EH Lyn - II	gio 18.02	246	26	gio 19.02	254	36	gio 20.02	262	47	470
					V473 And - II	gio 20.15	119	33	gio 21.15	126	23	gio 22.15	134	15	-92
					V423 Tau - I	gio 21.41	133	75	gio 22.41	123	66	gio 23.41	122	57	345
					EH Lyn - I	gio 21.57	282	68	gio 22.57	309	79	gio 23.57	25	82	470
					G1518.0913 Her - I	ven 01.02	254	14	ven 02.02	263	25	ven 03.02	273	37	-140
					V691 Her - II	ven 01.33	263	18	ven 02.33	272	29	ven 03.33	284	40	-149
					EH Lyn - II	ven 01.52	85	63	ven 02.52	95	52	ven 03.52	103	41	470
					V1106 Her - II	ven 02.54	251	18	ven 03.54	260	29	ven 04.54	269	40	-272
ven 27-01-12	17.14	17.47	04.41	05.14	V423 Tau - I	ven 17.18	238	57	ven 18.18	237	66	ven 19.18	226	75	341
					EH Lyn - II	ven 17.33	243	22	ven 18.33	251	32	ven 19.33	258	43	471
					V473 And - I	ven 20.20	120	31	ven 21.20	127	22	ven 22.20	135	14	-99
					EH Lyn - I	ven 21.29	277	64	ven 22.29	295	75	ven 23.29	349	82	471
					EH Lyn - II	sab 01.24	79	67	sab 02.24	91	56	sab 03.24	100	45	471
					V1106 Her - II	sab 03.21	255	23	sab 04.21	264	34	sab 05.21	274	45	-269
					G1518.0913 Her - II	sab 04.01	285	48	sab 05.01	301	58	sab 06.01	326	67	-134
sab 28-01-12	17.15	17.48	04.40	05.13	CQ Ori - II	sab 16.41	277	29	sab 17.41	289	40	sab 18.41	304	50	409
					EH Lyn - II	sab 17.05	239	18	sab 18.05	247	28	sab 19.05	255	38	471
					V423 Tau - II	sab 17.51	122	59	sab 18.51	124	50	sab 19.51	127	40	-47
					EZ Lac - II	sab 18.11	128	40	sab 19.11	132	31	sab 20.11	138	24	-135
					V473 And - II	sab 20.25	121	30	sab 21.25	128	21	sab 22.25	136	12	-106



Day	Sun -12°	Sun -18°	Sun -18°	Sun -12°	Star Name	1h before Min.	Azi	Alt	Time of minimum	Azi	Alt	1h after Min.	Azi	Alt	Helio Corr
					V691 Her - II	lun 01.06	265	21	lun 02.06	275	32	lun 03.06	286	43	-84
					G1518.0913 Her - II	lun 03.52	291	53	lun 04.52	311	62	lun 05.52	341	69	-79
lun 06-02-12	17.25	17.58	04.33	05.05	EH Lyn - I	lun 16.46	242	20	lun 17.46	249	30	lun 18.46	257	41	465
					V423 Tau - II	lun 17.46	123	54	lun 18.46	125	45	lun 19.46	130	36	-103
					EH Lyn - II	lun 20.41	275	63	lun 21.41	291	73	lun 22.41	338	82	465
					V423 Tau - I	lun 22.41	122	59	lun 23.41	124	50	mar 00.41	127	41	287
					EH Lyn - I	mar 00.37	77	69	mar 01.37	90	58	mar 02.37	99	47	465
					DT Cam - II	mar 00.42	137	37	mar 01.42	141	30	mar 02.42	147	23	234
					V1106 Her - II	mar 01.38	246	12	mar 02.38	255	22	mar 03.38	264	33	-235
					G1518.0913 Her - II	mar 03.00	280	44	mar 04.00	294	55	mar 05.00	315	64	-73
mar 07-02-12	17.27	17.59	04.32	05.04	V423 Tau - I	mar 18.19	231	73	mar 19.19	203	80	mar 20.19	149	79	282
					EH Lyn - II	mar 20.13	270	58	mar 21.13	283	69	mar 22.13	312	79	464
					EH Lyn - I	mer 00.08	69	73	mer 01.08	85	62	mer 02.08	95	51	463
					V1106 Her - II	mer 02.04	250	17	mer 03.04	259	28	mer 04.04	269	39	-231
					G1518.0913 Her - II	mer 02.07	272	35	mer 03.07	283	46	mer 04.07	298	57	-67
					V691 Her - I	mer 02.25	280	37	mer 03.25	293	47	mer 04.25	310	57	-70
					EH Lyn - II	mer 04.04	111	30	mer 05.04	119	20	mer 06.04	127	11	463
mer 08-02-12	17.28	18.00	04.31	05.03	V473 And - II	mer 16.29	102	63	mer 17.29	108	52	mer 18.29	114	42	-177
					V423 Tau - II	mer 18.51	126	43	mer 19.51	131	34	mer 20.51	136	26	-115
					VV Eri - I	mer 19.14	50	48	mer 20.14	66	38	mer 21.14	78	28	10
					EH Lyn - II	mer 19.45	267	53	mer 20.45	277	65	mer 21.45	296	75	462
					EH Lyn - I	mer 23.40	57	77	gio 00.40	80	67	gio 01.40	92	56	462
					V423 Tau - I	mer 23.45	124	48	gio 00.45	128	39	gio 01.45	133	30	275
					G1518.0913 Her - II	gio 01.15	264	26	gio 02.15	274	37	gio 03.15	285	48	-61
					V1106 Her - II	gio 02.30	255	23	gio 03.30	264	34	gio 04.30	274	45	-227
					EH Lyn - II	gio 03.35	108	35	gio 04.35	115	24	gio 05.35	123	14	462
gio 09-02-12	17.29	18.01	04.29	05.02	V473 And - I	gio 16.34	103	61	gio 17.34	109	51	gio 18.34	115	40	-183
					EH Lyn - II	gio 19.16	263	49	gio 20.16	272	60	gio 21.16	287	71	460
					V423 Tau - I	gio 19.23	192	81	gio 20.23	142	78	gio 21.23	125	69	270
					EH Lyn - I	gio 23.12	37	81	ven 00.12	73	71	ven 01.12	87	60	460
					G1518.0913 Her - II	ven 00.23	256	17	ven 01.23	265	28	ven 02.23	276	39	-55
					V1106 Her - II	ven 02.57	259	28	ven 03.57	269	39	ven 04.57	280	50	-223
					EH Lyn - II	ven 03.07	104	39	ven 04.07	112	28	ven 05.07	120	18	460
					V691 Her - II	ven 03.45	300	52	ven 04.45	321	61	ven 05.45	351	65	-56
ven 10-02-12	17.30	18.03	04.28	05.01	V473 And - II	ven 16.39	104	60	ven 17.39	109	49	ven 18.39	115	39	-190
					EH Lyn - II	ven 18.48	260	44	ven 19.48	268	56	ven 20.48	280	67	459
					V423 Tau - II	ven 19.55	132	32	ven 20.55	138	24	ven 21.55	144	17	-127
					EH Lyn - I	ven 22.43	5	82	ven 23.43	63	75	sab 00.43	83	65	458
					V423 Tau - I	sab 00.50	129	37	sab 01.50	134	29	sab 02.50	141	21	263
					V691 Her - I	sab 00.53	266	22	sab 01.53	276	33	sab 02.53	288	44	-50
					EH Lyn - II	sab 02.39	101	43	sab 03.39	109	33	sab 04.39	117	22	458
					QQ Lyr - I	sab 03.17	248	24	sab 04.17	256	34	sab 05.17	265	45	-273
					G1518.0913 Her - I	sab 03.22	289	51	sab 04.22	306	61	sab 05.22	335	68	-47
					V1106 Her - II	sab 03.23	264	34	sab 04.23	274	45	sab 05.23	286	56	-218
sab 11-02-12	17.31	18.04	04.27	05.00	V473 And - I	sab 16.44	105	58	sab 17.44	110	47	sab 18.44	116	37	-196
					EZ Lac - II	sab 17.05	127	42	sab 18.05	131	33	sab 19.05	137	25	-196
					EH Lyn - II	sab 18.20	256	40	sab 19.20	265	51	sab 20.20	275	62	457
					V423 Tau - I	sab 20.28	136	76	sab 21.28	124	68	sab 22.28	122	58	258
					EH Lyn - I	sab 22.15	330	81	sab 23.15	48	79	dom 00.15	77	69	457
					EH Lyn - II	dom 02.10	98	48	dom 03.10	106	37	dom 04.10	114	26	456
					G1518.0913 Her - I	dom 02.29	278	42	dom 03.29	292	53	dom 04.29	311	62	-41
					V1106 Her - II	dom 03.49	269	39	dom 04.49	280	50	dom 05.49	295	61	-214
dom 12-02-12	17.32	18.05	04.26	04.58	VV Eri - II	dom 16.42	355	58	dom 17.42	22	56	dom 18.42	45	50	-23
					V473 And - II	dom 16.49	105	57	dom 17.49	111	46	dom 18.49	117	36	-202
					EH Lyn - II	dom 17.52	253	36	dom 18.52	261	47	dom 19.52	270	58	455
					CQ Ori - I	dom 18.23	318	56	dom 19.23	344	61	dom 20.23	15	61	327
					EH Lyn - I	dom 21.47	307	78	dom 22.47	21	82	dom 23.47	68	74	454
					V1106 Her - I	lun 01.12	246	12	lun 02.12	255	22	lun 03.12	264	33	-210
					G1518.0913 Her - I	lun 01.37	270	33	lun 02.37	281	44	lun 03.37	295	55	-35
					EH Lyn - II	lun 01.42	94	52	lun 02.42	103	41	lun 03.42	110	31	454
					V691 Her - II	lun 02.12	281	38	lun 03.12	294	49	lun 04.12	312	58	-36
lun 13-02-12	17.34	18.06	04.25	04.57	V423 Tau - II	lun 16.38	122	61	lun 17.38	123	51	lun 18.38	127	42	-144
					V473 And - I	lun 16.54	106	55	lun 17.54	112	44	lun 18.54	118	34	-208
					EH Lyn - II	lun 17.23	250	31	lun 18.23	258	42	lun 19.23	266	53	453
					EH Lyn - I	lun 21.19	293	74	lun 22.19	345	82	lun 23.19	56	78	452





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					EH Lyn - II	lun 21.56	352	82	<b>lun 22.56</b>	<b>59</b>	<b>77</b>	lun 23.56	81	66	433
					G3881.0579 Dra - I	lun 23.28	222	34	<b>mar 00.28</b>	<b>225</b>	<b>42</b>	mar 01.28	227	50	63
					V691 Her - I	<b>mar 00.27</b>	<b>268</b>	<b>24</b>	<b>mar 01.27</b>	<b>278</b>	<b>35</b>	mar 02.27	291	46	18
					V1106 Her - II	<b>mar 01.40</b>	<b>254</b>	<b>22</b>	<b>mar 02.40</b>	<b>263</b>	<b>33</b>	mar 03.40	273	44	-174
					EH Lyn - I	mar 01.51	100	45	<b>mar 02.51</b>	<b>108</b>	<b>34</b>	<b>mar 03.51</b>	<b>116</b>	<b>24</b>	432
					V556 Lyr - I	<b>mar 02.08</b>	<b>240</b>	<b>21</b>	<b>mar 03.08</b>	<b>247</b>	<b>31</b>	mar 04.08	255	41	-234
					G1518.0913 Her - I	mar 02.20	284	47	<b>mar 03.20</b>	<b>299</b>	<b>57</b>	mar 04.20	323	66	16
					G3881.0579 Dra - II	<b>mar 03.25</b>	<b>222</b>	<b>66</b>	<b>mar 04.25</b>	<b>208</b>	<b>72</b>	mar 05.25	180	75	63
mar 21-02-12	17.43	18.15	04.14	04.47	EH Lyn - I	mar 17.33	255	39	<b>mar 18.33</b>	<b>263</b>	<b>50</b>	mar 19.33	273	61	430
					V473 And - I	mar 17.33	113	43	<b>mar 18.33</b>	<b>119</b>	<b>33</b>	<b>mar 19.33</b>	<b>126</b>	<b>23</b>	-254
					EH Lyn - II	mar 21.28	321	80	<b>mar 22.28</b>	<b>41</b>	<b>80</b>	mar 23.28	74	71	430
					G3881.0579 Dra - I	mar 23.11	221	33	<b>mer 00.11</b>	<b>225</b>	<b>40</b>	mer 01.11	227	48	65
					EH Lyn - I	mer 01.23	97	49	<b>mer 02.23</b>	<b>105</b>	<b>38</b>	<b>mer 03.23</b>	<b>113</b>	<b>28</b>	429
					G1518.0913 Her - I	mer 01.28	274	38	<b>mer 02.28</b>	<b>286</b>	<b>49</b>	mer 03.28	303	59	22
					V1106 Her - II	<b>mer 02.06</b>	<b>259</b>	<b>27</b>	<b>mer 03.06</b>	<b>268</b>	<b>39</b>	mer 04.06	279	50	-170
					G3881.0579 Dra - II	<b>mer 03.08</b>	<b>224</b>	<b>64</b>	<b>mer 04.08</b>	<b>212</b>	<b>71</b>	mer 05.08	187	75	65
mer 22-02-12	17.44	18.16	04.13	04.45	EH Lyn - I	mer 17.04	252	34	<b>mer 18.04</b>	<b>260</b>	<b>45</b>	mer 19.04	269	56	427
					V473 And - II	mer 17.38	114	41	<b>mer 18.38</b>	<b>120</b>	<b>31</b>	<b>mer 19.38</b>	<b>127</b>	<b>22</b>	-259
					VV Eri - I	mer 19.40	71	35	<b>mer 20.40</b>	<b>82</b>	<b>24</b>	<b>mer 21.40</b>	<b>92</b>	<b>13</b>	-110
					EH Lyn - II	mer 21.00	302	77	<b>mer 22.00</b>	<b>10</b>	<b>82</b>	mer 23.00	65	75	426
					V423 Tau - I	mer 21.28	122	61	<b>mer 22.28</b>	<b>123</b>	<b>51</b>	mer 23.28	127	42	185
					G3881.0579 Dra - I	mer 22.53	219	31	<b>mer 23.53</b>	<b>224</b>	<b>38</b>	gio 00.53	227	46	67
					G1518.0913 Her - I	<b>gio 00.35</b>	<b>266</b>	<b>29</b>	<b>gio 01.35</b>	<b>276</b>	<b>40</b>	gio 02.35	289	51	28
					EH Lyn - I	gio 00.55	93	54	<b>gio 01.55</b>	<b>102</b>	<b>43</b>	gio 02.55	109	32	426
					V691 Her - II	gio 01.46	283	40	<b>gio 02.46</b>	<b>298</b>	<b>51</b>	gio 03.46	317	60	32
					V1106 Her - II	<b>gio 02.32</b>	<b>263</b>	<b>33</b>	<b>gio 03.32</b>	<b>273</b>	<b>44</b>	gio 04.32	286	55	-165
					G3881.0579 Dra - II	<b>gio 02.51</b>	<b>225</b>	<b>62</b>	<b>gio 03.51</b>	<b>216</b>	<b>70</b>	gio 04.51	194	75	67
gio 23-02-12	17.45	18.18	04.12	04.44	V423 Tau - I	gio 17.06	233	72	<b>gio 18.06</b>	<b>210</b>	<b>79</b>	gio 19.06	156	80	179
					CQ Ori - I	gio 17.26	313	54	<b>gio 18.26</b>	<b>338</b>	<b>60</b>	gio 19.26	8	62	253
					V473 And - I	gio 17.43	115	40	<b>gio 18.43</b>	<b>121</b>	<b>30</b>	<b>gio 19.43</b>	<b>128</b>	<b>21</b>	-265
					EH Lyn - II	gio 20.31	290	73	<b>gio 21.31</b>	<b>334</b>	<b>82</b>	gio 22.31	50	79	423
					G3881.0579 Dra - I	<b>gio 22.36</b>	<b>218</b>	<b>29</b>	<b>gio 23.36</b>	<b>223</b>	<b>37</b>	ven 00.36	226	45	69
					V691 Her - I	<b>gio 22.54</b>	<b>255</b>	<b>9</b>	<b>gio 23.54</b>	<b>264</b>	<b>20</b>	ven 00.54	274	31	38
					G1518.0913 Her - I	<b>gio 23.43</b>	<b>258</b>	<b>20</b>	<b>ven 00.43</b>	<b>268</b>	<b>31</b>	ven 01.43	278	42	35
					EH Lyn - I	ven 00.27	89	58	<b>ven 01.27</b>	<b>98</b>	<b>47</b>	ven 02.27	106	36	422
					V556 Lyr - I	<b>ven 01.40</b>	<b>237</b>	<b>18</b>	<b>ven 02.40</b>	<b>245</b>	<b>28</b>	ven 03.40	253	38	-227
					G3881.0579 Dra - II	ven 02.33	226	61	<b>ven 03.33</b>	<b>219</b>	<b>68</b>	ven 04.33	200	74	69
					V1106 Her - II	ven 02.59	268	39	<b>ven 03.59</b>	<b>279</b>	<b>50</b>	ven 04.59	294	61	-160
					G1518.0913 Her - II	ven 03.34	308	61	<b>ven 04.34</b>	<b>337</b>	<b>68</b>	ven 05.34	16	69	36
ven 24-02-12	17.46	18.19	04.10	04.42	V423 Tau - II	ven 17.38	126	44	<b>ven 18.38</b>	<b>130</b>	<b>36</b>	<b>ven 19.38</b>	<b>135</b>	<b>27</b>	-205
					V473 And - II	ven 17.48	116	38	<b>ven 18.48</b>	<b>122</b>	<b>28</b>	<b>ven 19.48</b>	<b>130</b>	<b>19</b>	-270
					EH Lyn - II	ven 20.03	282	68	<b>ven 21.03</b>	<b>309</b>	<b>79</b>	ven 22.03	26	82	419
					G3881.0579 Dra - I	<b>ven 22.19</b>	<b>217</b>	<b>28</b>	<b>ven 23.19</b>	<b>222</b>	<b>35</b>	sab 00.19	226	43	70
					V423 Tau - I	ven 22.32	124	49	<b>ven 23.32</b>	<b>127</b>	<b>40</b>	sab 00.32	132	32	171
					G1518.0913 Her - I	<b>ven 22.51</b>	<b>251</b>	<b>11</b>	<b>ven 23.51</b>	<b>260</b>	<b>22</b>	sab 00.51	270	33	41
					EH Lyn - I	ven 23.58	85	63	<b>sab 00.58</b>	<b>95</b>	<b>52</b>	sab 01.58	103	41	419
					V1106 Her - I	<b>sab 00.22</b>	<b>245</b>	<b>11</b>	<b>sab 01.22</b>	<b>254</b>	<b>22</b>	sab 02.22	263	33	-155
					G3881.0579 Dra - II	sab 02.16	227	59	<b>sab 03.16</b>	<b>221</b>	<b>67</b>	sab 04.16	206	73	71
					QQ Lyr - I	<b>sab 02.39</b>	<b>250</b>	<b>27</b>	<b>sab 03.39</b>	<b>258</b>	<b>38</b>	sab 04.39	267	49	-238
					G1518.0913 Her - II	sab 02.42	293	54	<b>sab 03.42</b>	<b>312</b>	<b>63</b>	sab 04.42	344	69	42
					V691 Her - I	sab 03.05	306	55	<b>sab 04.05</b>	<b>329</b>	<b>63</b>	sab 05.05	2	65	46
					V1106 Her - II	sab 03.25	273	44	<b>sab 04.25</b>	<b>286</b>	<b>55</b>	sab 05.25	304	65	-155
sab 25-02-12	17.48	18.20	04.09	04.41	V473 And - I	sab 17.53	117	37	<b>sab 18.53</b>	<b>123</b>	<b>27</b>	<b>sab 19.53</b>	<b>131</b>	<b>18</b>	-275
					V423 Tau - I	sab 18.10	201	80	<b>sab 19.10</b>	<b>147</b>	<b>79</b>	sab 20.10	127	71	165
					EH Lyn - II	sab 19.35	277	64	<b>sab 20.35</b>	<b>295</b>	<b>75</b>	sab 21.35	350	82	415
					G3881.0579 Dra - I	<b>sab 22.02</b>	<b>216</b>	<b>26</b>	<b>sab 23.02</b>	<b>221</b>	<b>33</b>	dom 00.02	225	41	72
					EH Lyn - I	sab 23.30	79	67	<b>dom 00.30</b>	<b>91</b>	<b>56</b>	dom 01.30	100	45	415
					V691 Her - II	<b>dom 00.14</b>	<b>269</b>	<b>25</b>	<b>dom 01.14</b>	<b>279</b>	<b>36</b>	dom 02.14	292	47	52
					V1106 Her - I	<b>dom 00.48</b>	<b>250</b>	<b>16</b>	<b>dom 01.48</b>	<b>259</b>	<b>27</b>	dom 02.48	268	38	-150
					G1518.0913 Her - II	dom 01.49	281	45	<b>dom 02.49</b>	<b>296</b>	<b>55</b>	dom 03.49	317	65	48
					G3881.0579 Dra - II	dom 01.59	227	57	<b>dom 02.59</b>	<b>223</b>	<b>65</b>	dom 03.59	210	72	72
dom 26-02-12	17.49	18.21	04.07	04.39	VV Eri - II	dom 17.08	31	55	<b>dom 18.08</b>	<b>52</b>	<b>47</b>	dom 19.08	67	38	-142
					V473 And - II	dom 17.58	118	35	<b>dom 18.58</b>	<b>124</b>	<b>26</b>	<b>dom 19.58</b>	<b>132</b>	<b>17</b>	-280
					V423 Tau - II	dom 18.42	131	34	<b>dom 19.42</b>	<b>137</b>	<b>26</b>	<b>dom 20.42</b>	<b>143</b>	<b>19</b>	-216
					EH Lyn - II	dom 19.06	272	60	<b>dom 20.06</b>	<b>286</b>	<b>71</b>	dom 21.06	319	80	412
					G3881.0579 Dra - I	<b>dom 21.44</b>	<b>215</b>	<b>25</b>	<b>dom 22.44</b>	<b>220</b>	<b>32</b>	dom 23.44	224	39	74
					EH Lyn - I	dom 23.02	72	72	<b>lun 00.02</b>	<b>87</b>	<b>61</b>	lun 01.02	96	50	411

Day	Sun -12°	Sun -18°	Sun -18°	Sun -12°	Star Name	1h before Min.	Azi	Alt	Time of minimum	Azi	Alt	1h after Min.	Azi	Alt	Helio Corr
					V423 Tau - I	dom 23.37	128	38	lun 00.37	133	30	lun 01.37	140	22	156
					G1518.0913 Her - II	lun 00.57	272	36	lun 01.57	284	47	lun 02.57	299	57	54
					V556 Lyr - I	lun 01.11	235	16	lun 02.11	243	25	lun 03.11	251	35	-220
					V1106 Her - I	lun 01.14	254	22	lun 02.14	263	33	lun 03.14	273	44	-145
					G3881.0579 Dra - II	lun 01.41	227	55	lun 02.41	224	63	lun 03.41	214	70	74
lun 27-02-12	17.50	18.22	04.06	04.38	V473 And - I	lun 18.02	119	34	lun 19.02	125	24	lun 20.02	133	16	-285
					EH Lyn - II	lun 18.38	268	55	lun 19.38	279	66	lun 20.38	301	77	408
					V423 Tau - I	lun 19.15	140	78	lun 20.15	125	69	lun 21.15	122	60	150
					CQ Ori - II	lun 20.05	33	58	lun 21.05	55	50	lun 22.05	70	40	222
					G3881.0579 Dra - I	lun 21.27	213	24	lun 22.27	219	30	lun 23.27	223	38	76
					EH Lyn - I	lun 22.33	62	76	lun 23.33	82	65	mar 00.33	93	54	407
					G1518.0913 Her - II	mar 00.05	264	27	mar 01.05	274	38	mar 02.05	286	49	60
					G3881.0579 Dra - II	mar 01.24	228	53	mar 02.24	226	61	mar 03.24	217	69	76
					V691 Her - I	mar 01.33	285	41	mar 02.33	299	52	mar 03.33	320	60	65
					V1106 Her - I	mar 01.41	259	27	mar 02.41	268	38	mar 03.41	279	49	-140
					EH Lyn - II	mar 02.29	109	33	mar 03.29	116	23	mar 04.29	125	13	406
					AK Ser - I	mar 03.11	313	21	mar 04.11	327	28	mar 05.11	343	33	-134
mar 28-02-12	17.51	18.23	04.04	04.36	V473 And - II	mar 18.07	120	32	mar 19.07	126	23	mar 20.07	134	14	-290
					EH Lyn - II	mar 18.10	264	50	mar 19.10	274	62	mar 20.10	290	73	404
					G3881.0579 Dra - I	mar 21.10	212	22	mar 22.10	218	29	mar 23.10	222	36	77
					EH Lyn - I	mar 22.05	45	80	mar 23.05	76	70	mer 00.05	89	59	403
					V691 Her - II	mar 22.41	256	10	mar 23.41	265	22	mer 00.41	276	33	71
					G1518.0913 Her - II	mar 23.12	257	18	mer 00.12	266	29	mer 01.12	276	40	66
					V423 Tau - I	mer 00.41	135	28	mer 01.41	141	21	mer 02.41	148	14	142
					G3881.0579 Dra - II	mer 01.07	227	51	mer 02.07	226	60	mer 03.07	220	67	78
					EH Lyn - II	mer 02.01	105	37	mer 03.01	113	27	mer 04.01	121	17	402
					V1106 Her - I	mer 02.07	263	33	mer 03.07	273	44	mer 04.07	285	55	-135
					AK Ser - II	mer 02.15	303	13	mer 03.15	315	22	mer 04.15	329	29	-126
					G1518.0913 Her - I	mer 03.04	304	60	mer 04.04	330	67	mer 05.04	9	69	67
mer 29-02-12	17.52	18.25	04.02	04.35	EH Lyn - II	mer 17.42	261	46	mer 18.42	270	57	mer 19.42	282	68	399
					V473 And - I	mer 18.12	121	31	mer 19.12	128	22	mer 20.12	135	13	-295
					V423 Tau - I	mer 20.19	124	67	mer 21.19	122	58	mer 22.19	124	48	136
					G3881.0579 Dra - I	mer 20.52	211	21	mer 21.52	217	27	mer 22.52	222	34	79
					EH Lyn - I	mer 21.37	17	82	mer 22.37	67	74	mer 23.37	84	63	399
					G1518.0913 Her - II	mer 22.20	249	9	mer 23.20	259	20	gio 00.20	268	31	72
					V556 Lyr - I	gio 00.43	233	13	gio 01.43	241	22	gio 02.43	249	32	-211
					G3881.0579 Dra - II	gio 00.50	227	50	gio 01.50	227	58	gio 02.50	222	66	79
					EH Lyn - II	gio 01.32	102	42	gio 02.32	110	31	gio 03.32	118	21	398
					G1518.0913 Her - I	gio 02.11	290	52	gio 03.11	308	61	gio 04.11	337	68	73
					V1106 Her - I	gio 02.33	268	38	gio 03.33	279	49	gio 04.33	293	60	-130
					V691 Her - II	gio 02.52	308	56	gio 03.52	333	63	gio 04.52	6	65	79
gio 01-03-12	17.53	18.26	04.01	04.33	EH Lyn - II	gio 17.13	257	42	gio 18.13	266	53	gio 19.13	276	64	395
					V473 And - II	gio 18.17	122	29	gio 19.17	129	20	gio 20.17	137	12	-300
					G3881.0579 Dra - I	gio 20.35	209	20	gio 21.35	215	26	gio 22.35	221	33	81
					EH Lyn - I	gio 21.09	340	82	gio 22.09	54	78	gio 23.09	79	68	394
					V1106 Her - II	gio 23.57	245	11	ven 00.57	254	21	ven 01.57	263	32	-125
					V691 Her - I	ven 00.00	270	27	ven 01.00	281	38	ven 02.00	294	48	85
					G3881.0579 Dra - II	ven 00.32	227	48	ven 01.32	227	56	ven 02.32	224	64	81
					EH Lyn - II	ven 01.04	99	46	ven 02.04	107	35	ven 03.04	115	25	394
					G1518.0913 Her - I	ven 01.19	279	43	ven 02.19	293	54	ven 03.19	313	63	79
					V1106 Her - I	ven 03.00	273	44	ven 04.00	285	55	ven 05.00	303	65	-124
ven 02-03-12	17.54	18.27	03.59	04.32	G3881.0579 Dra - I	ven 20.18	208	19	ven 21.18	214	24	ven 22.18	219	31	82
					EH Lyn - I	ven 20.40	313	79	ven 21.40	32	81	ven 22.40	71	72	390
					V423 Tau - I	ven 21.24	122	56	ven 22.24	125	47	ven 23.24	129	38	121
					G3881.0579 Dra - II	sab 00.15	227	46	sab 01.15	227	54	sab 02.15	225	62	83
					V1106 Her - II	sab 00.23	249	16	sab 01.23	258	27	sab 02.23	268	38	-120
					G1518.0913 Her - I	sab 00.26	270	34	sab 01.26	281	45	sab 02.26	296	56	85
					EH Lyn - II	sab 00.36	96	51	sab 01.36	104	40	sab 02.36	111	29	389
					QQ Lyr - I	sab 02.20	251	28	sab 03.20	260	39	sab 04.20	269	50	-215
					V1106 Her - I	sab 03.26	279	50	sab 04.26	293	60	sab 05.26	317	70	-119
sab 03-03-12	17.56	18.28	03.58	04.30	V423 Tau - I	sab 17.01	225	76	sab 18.01	183	81	sab 19.01	138	77	115
					G3881.0579 Dra - I	sab 20.01	206	17	sab 21.01	213	23	sab 22.01	218	29	84
					EH Lyn - I	sab 20.12	297	76	sab 21.12	357	82	sab 22.12	61	76	385
					G1518.0913 Her - I	sab 23.34	263	25	dom 00.34	272	36	dom 01.34	284	47	91
					G3881.0579 Dra - II	sab 23.58	226	44	dom 00.58	227	52	dom 01.58	226	61	84
					EH Lyn - II	dom 00.07	92	55	dom 01.07	101	44	dom 02.07	108	33	384
					V1106 Her - II	dom 00.49	254	21	dom 01.49	263	32	dom 02.49	273	43	-114

Day	Sun -12°	Sun -18°	Sun -18°	Sun -12°	Star Name	1h before Min.	Azi	Alt	Time of minimum	Azi	Alt	1h after Min.	Azi	Alt	Helio Corr
					V691 Her - II	dom 01.20	286	43	dom 02.20	301	53	dom 03.20	323	61	99
					G1518.0913 Her - II	dom 03.25	319	65	dom 04.25	354	70	dom 05.25	31	67	92
dom 04-03-12	17.57	18.29	03.56	04.28	VV Eri - I	dom 17.21	46	50	dom 18.21	62	41	dom 19.21	75	31	-199
					V423 Tau - II	dom 17.34	128	40	dom 18.34	133	31	dom 19.34	139	23	-250
					G3881.0579 Dra - I	dom 19.43	205	16	dom 20.43	211	22	dom 21.43	217	28	86
					EH Lyn - I	dom 19.44	287	71	dom 20.44	324	81	dom 21.44	44	80	380
					V691 Her - I	dom 22.28	257	12	dom 23.28	267	23	lun 00.28	277	34	105
					V423 Tau - I	dom 22.28	125	45	dom 23.28	130	36	lun 00.28	135	28	106
					G1518.0913 Her - I	dom 22.42	255	16	dom 23.42	264	27	lun 00.42	274	38	97
					EH Lyn - II	dom 23.39	88	60	lun 00.39	97	49	lun 01.39	105	38	380
					G3881.0579 Dra - II	dom 23.40	225	42	lun 00.40	227	51	lun 01.40	227	59	86
					V1106 Her - II	lun 01.16	258	27	lun 02.16	268	38	lun 03.16	278	49	-109
					G1518.0913 Her - II	lun 02.33	300	58	lun 03.33	324	66	lun 04.33	1	70	98
lun 05-03-12	17.58	18.30	03.54	04.27	V423 Tau - I	lun 18.06	171	81	lun 19.06	133	75	lun 20.06	123	66	100
					EH Lyn - I	lun 19.16	280	67	lun 20.16	304	77	lun 21.16	14	82	376
					G3881.0579 Dra - I	lun 19.26	203	15	lun 20.26	210	20	lun 21.26	216	26	87
					EH Lyn - II	lun 23.11	83	64	mar 00.11	94	53	mar 01.11	102	42	375
					G3881.0579 Dra - II	lun 23.23	225	41	mar 00.23	227	49	mar 01.23	227	57	87
					G1518.0913 Her - II	mar 01.40	287	50	mar 02.40	304	60	mar 03.40	331	67	104
					V1106 Her - II	mar 01.42	263	32	mar 02.42	273	44	mar 03.42	285	55	-104
					V691 Her - I	mar 02.39	310	57	mar 03.39	336	64	mar 04.39	9	65	112
					G3881.0579 Dra - I	mar 03.20	211	71	mar 04.20	185	75	mar 05.20	156	73	88
mar 06-03-12	17.59	18.32	03.53	04.25	V423 Tau - II	mar 18.38	134	29	mar 19.38	140	22	mar 20.38	147	15	-259
					EH Lyn - I	mar 18.47	275	63	mar 19.47	291	73	mar 20.47	338	82	371
					EH Lyn - II	mar 22.43	77	69	mar 23.43	90	58	mer 00.43	99	47	370
					G3881.0579 Dra - II	mar 23.06	224	39	mer 00.06	227	47	mer 01.06	227	55	89
					V423 Tau - I	mar 23.33	131	34	mer 00.33	136	26	mer 01.33	143	19	90
					V691 Her - II	mar 23.47	271	28	mer 00.47	282	39	mer 01.47	296	49	118
					G1518.0913 Her - II	mer 00.48	277	41	mer 01.48	290	52	mer 02.48	308	61	110
					V1106 Her - II	mer 02.08	268	38	mer 03.08	278	49	mer 04.08	293	60	-98
					V1187 Cyg - I	mer 02.51	240	32	mer 03.51	247	42	mer 04.51	252	53	-235
					G3881.0579 Dra - I	mer 03.03	215	70	mer 04.03	192	75	mer 05.03	161	74	89
mer 07-03-12	18.00	18.33	03.51	04.24	EH Lyn - I	mer 18.19	271	58	mer 19.19	283	69	mer 20.19	312	79	366
					V423 Tau - I	mer 19.10	130	73	mer 20.10	123	64	mer 21.10	123	55	84
					EH Lyn - II	mer 22.14	69	73	mer 23.14	85	62	gio 00.14	95	51	365
					G3881.0579 Dra - II	mer 22.49	223	37	mer 23.49	226	45	gio 00.49	228	53	90
					V1106 Her - I	mer 23.31	245	11	gio 00.31	254	21	gio 01.31	263	32	-93
					G1518.0913 Her - II	mer 23.56	269	32	gio 00.56	279	43	gio 01.56	293	54	116
					EH Lyn - I	gio 02.10	111	30	gio 03.10	119	20	gio 04.10	127	11	364
					V1106 Her - II	gio 02.35	273	44	gio 03.35	285	55	gio 04.35	303	65	-93
					G3881.0579 Dra - I	gio 02.46	218	69	gio 03.46	199	74	gio 04.46	168	75	91
gio 08-03-12	18.01	18.34	03.49	04.22	EH Lyn - I	gio 17.51	267	53	gio 18.51	277	65	gio 19.51	296	75	361
					EH Lyn - II	gio 21.46	57	77	gio 22.46	80	67	gio 23.46	92	56	360
					G3881.0579 Dra - II	gio 22.31	222	36	gio 23.31	226	43	ven 00.31	227	51	92
					G1518.0913 Her - II	gio 23.03	261	23	ven 00.03	270	34	ven 01.03	282	45	122
					V1106 Her - I	gio 23.58	249	16	ven 00.58	258	26	ven 01.58	267	38	-88
					V691 Her - I	ven 01.07	288	44	ven 02.07	303	54	ven 03.07	326	62	131
					EH Lyn - I	ven 01.41	108	35	ven 02.41	115	24	ven 03.41	123	14	359
					V1072 Her - I	ven 01.44	238	48	ven 02.44	240	57	ven 03.44	240	67	-27
					G3881.0579 Dra - I	ven 02.28	221	67	ven 03.28	204	73	ven 04.28	175	75	92
					G1518.0913 Her - I	ven 02.55	314	64	ven 03.55	346	69	ven 04.55	25	68	123
					V1106 Her - II	ven 03.01	278	49	ven 04.01	293	60	ven 05.01	316	69	-87
ven 09-03-12	18.03	18.35	03.48	04.20	EH Lyn - I	ven 17.23	263	49	ven 18.23	273	60	ven 19.23	287	71	355
					CQ Ori - II	ven 19.08	28	59	ven 20.08	51	52	ven 21.08	67	43	136
					V423 Tau - I	ven 20.15	122	62	ven 21.15	123	53	ven 22.15	126	44	69
					EH Lyn - II	ven 21.18	37	81	ven 22.18	73	71	ven 23.18	87	60	355
					G1518.0913 Her - II	ven 22.11	253	14	ven 23.11	263	25	sab 00.11	272	36	127
					G3881.0579 Dra - II	ven 22.14	221	34	ven 23.14	225	42	sab 00.14	227	50	93
					V691 Her - II	ven 22.15	258	13	ven 23.15	268	24	sab 00.15	278	35	137
					V1072 Her - II	ven 22.54	224	24	ven 23.54	230	32	sab 00.54	235	41	-24
					V1106 Her - I	sab 00.24	254	21	sab 01.24	263	32	sab 02.24	272	43	-82
					EH Lyn - I	sab 01.13	104	39	sab 02.13	112	28	sab 03.13	120	18	354
					QQ Lyr - I	sab 02.01	253	30	sab 03.01	261	41	sab 04.01	270	52	-189
					G1518.0913 Her - I	sab 02.02	297	56	sab 03.02	319	65	sab 04.02	354	70	128
					G3881.0579 Dra - I	sab 02.11	222	65	sab 03.11	209	72	sab 04.11	182	75	94
					V1187 Cyg - I	sab 03.11	244	37	sab 04.11	250	48	sab 05.11	255	58	-230

Latitude 42 - Longitude -15 - Time Zone 0 - Day Light Saving time 0 - UNIVERSAL TIME

Day	Sun	Sun	Sun	Sun	Star Name	1h before			Time of			1h after			Helio Corr
	-12°	-18°	-18°	-12°		Min.	Azi	Alt	minimum	Azi	Alt	Min.	Azi	Alt	
sab 10-03-12	18.04	18.36	03.46	04.19	EH Lyn - II	sab 20.50	5	82	sab 21.50	63	75	sab 22.50	83	65	349
					G3881.0579 Dra - II	sab 21.57	220	32	sab 22.57	224	40	sab 23.57	227	48	95
					EH Lyn - I	dom 00.45	101	43	dom 01.45	109	33	dom 02.45	117	22	348
					V1106 Her - I	dom 00.50	258	27	dom 01.50	267	38	dom 02.50	278	49	-77
					G1518.0913 Her - I	dom 01.10	285	48	dom 02.10	300	58	dom 03.10	325	66	134
					G3881.0579 Dra - I	dom 01.54	224	64	dom 02.54	213	71	dom 03.54	189	75	95
					V691 Her - II	dom 02.26	312	58	dom 03.26	339	64	dom 04.26	13	65	144
V1072 Her - II	dom 03.08	241	62	dom 04.08	237	72	dom 05.08	215	80	-21					
dom 11-03-12	18.05	18.38	03.44	04.17	VV Eri - II	dom 17.34	58	44	dom 18.34	72	34	dom 19.34	83	23	-252
					EH Lyn - II	dom 20.21	330	81	dom 21.21	48	79	dom 22.21	77	69	344
					V423 Tau - I	dom 21.19	123	51	dom 22.19	127	42	dom 23.19	131	33	53
					G3881.0579 Dra - II	dom 21.39	219	31	dom 22.39	224	38	dom 23.39	227	46	96
					V691 Her - I	dom 23.34	272	29	lun 00.34	283	40	lun 01.34	297	51	150
					EH Lyn - I	lun 00.17	98	48	lun 01.17	106	37	lun 02.17	114	26	343
					G1518.0913 Her - I	lun 00.17	275	39	lun 01.17	287	50	lun 02.17	304	60	140
					V1072 Her - I	lun 00.18	232	36	lun 01.18	237	45	lun 02.18	240	55	-19
					V1106 Her - I	lun 01.17	263	32	lun 02.17	272	43	lun 03.17	284	54	-71
G3881.0579 Dra - I	lun 01.37	225	62	lun 02.37	217	69	lun 03.37	195	74	96					
lun 12-03-12	18.06	18.39	03.42	04.15	EH Lyn - II	lun 19.53	307	78	lun 20.53	21	82	lun 21.53	68	73	338
					G3881.0579 Dra - II	lun 21.22	218	29	lun 22.22	223	36	lun 23.22	226	44	98
					V1072 Her - II	lun 21.28	215	15	lun 22.28	222	22	lun 23.28	228	30	-17
					G1518.0913 Her - I	lun 23.25	267	30	mar 00.25	277	41	mar 01.25	290	52	145
					EH Lyn - I	lun 23.48	94	52	mar 00.48	103	41	mar 01.48	110	31	337
					G3881.0579 Dra - I	mar 01.19	226	60	mar 02.19	219	68	mar 03.19	201	74	98
V1106 Her - I	mar 01.43	267	38	mar 02.43	278	49	mar 03.43	292	60	-66					
mar 13-03-12	18.07	18.40	03.41	04.13	V423 Tau - II	mar 17.30	130	35	mar 18.30	136	27	mar 19.30	142	20	-288
					EH Lyn - II	mar 19.25	293	74	mar 20.25	345	82	mar 21.25	56	78	332
					G3881.0579 Dra - II	mar 21.05	217	28	mar 22.05	222	35	mar 23.05	225	42	99
					CQ Ori - I	mar 21.47	79	33	mar 22.47	89	22	mar 23.47	99	11	102
					V423 Tau - I	mar 22.24	128	40	mar 23.24	133	31	mer 00.24	138	24	38
					G1518.0913 Her - I	mar 22.33	259	21	mar 23.33	269	32	mer 00.33	279	43	151
					V1106 Her - II	mar 23.06	244	10	mer 00.06	253	21	mer 01.06	262	32	-61
					EH Lyn - I	mar 23.20	91	57	mer 00.20	99	46	mer 01.20	107	35	332
					V691 Her - II	mer 00.53	289	45	mer 01.53	305	55	mer 02.53	329	63	163
					G3881.0579 Dra - I	mer 01.02	227	58	mer 02.02	222	66	mer 03.02	207	73	99
					V1072 Her - II	mer 01.42	239	50	mer 02.42	241	60	mer 03.42	239	70	-14
					V1106 Her - I	mer 02.09	273	43	mer 03.09	284	54	mer 04.09	302	65	-60
G1518.0913 Her - II	mer 02.24	309	62	mer 03.24	339	69	mer 04.24	18	69	152					
mer 14-03-12	18.08	18.41	03.39	04.12	V423 Tau - I	mer 18.02	146	79	mer 19.02	126	71	mer 20.02	122	61	32
					EH Lyn - II	mer 18.57	285	70	mer 19.57	316	80	mer 20.57	36	81	327
					G3881.0579 Dra - II	mer 20.48	216	26	mer 21.48	221	33	mer 22.48	225	41	100
					G1518.0913 Her - I	mer 21.40	252	12	mer 22.40	261	23	mer 23.40	271	34	157
					V691 Her - I	mer 22.02	259	14	mer 23.02	269	25	gio 00.02	279	36	168
					V1072 Her - I	mer 22.52	225	26	mer 23.52	231	34	gio 00.52	236	43	-12
					EH Lyn - I	mer 22.52	86	61	mer 23.52	96	50	gio 00.52	104	39	326
					HL Dra - I	mer 23.30	218	31	gio 00.30	222	38	gio 01.30	225	46	-46
					V1106 Her - II	mer 23.32	249	15	gio 00.32	258	26	gio 01.32	267	37	-55
					G3881.0579 Dra - I	gio 00.45	227	57	gio 01.45	223	65	gio 02.45	211	71	100
					G1518.0913 Her - II	gio 01.31	294	54	gio 02.31	314	64	gio 03.31	347	69	158
V1106 Her - I	gio 02.36	278	49	gio 03.36	292	60	gio 04.36	316	69	-54					
gio 15-03-12	18.10	18.43	03.37	04.10	EH Lyn - II	gio 18.28	278	66	gio 19.28	299	76	gio 20.28	2	82	321
					G3881.0579 Dra - II	gio 20.30	214	25	gio 21.30	220	31	gio 22.30	224	39	101
					HL Dra - I	gio 22.10	211	23	gio 23.10	217	29	ven 00.10	221	36	-45
					EH Lyn - I	gio 22.24	81	66	gio 23.24	92	55	ven 00.24	101	44	320
					V423 Tau - I	gio 23.28	134	30	ven 00.28	140	22	ven 01.28	147	15	22
					V1106 Her - II	gio 23.59	253	21	ven 00.59	262	32	ven 01.59	272	43	-49
					G3881.0579 Dra - I	ven 00.27	227	55	ven 01.27	225	63	ven 02.27	215	70	102
					G1518.0913 Her - II	ven 00.39	282	46	ven 01.39	297	56	ven 02.39	319	65	163
					V691 Her - I	ven 02.13	315	59	ven 03.13	343	65	ven 04.13	17	65	175
					V1106 Her - I	ven 03.02	285	55	ven 04.02	302	65	ven 05.02	334	72	-49
V1072 Her - I	ven 03.05	240	65	ven 04.05	234	75	ven 05.05	199	82	-9					
ven 16-03-12	18.11	18.44	03.35	04.08	EH Lyn - II	ven 18.00	273	61	ven 19.00	288	72	ven 20.00	328	81	315
					V423 Tau - I	ven 19.06	125	69	ven 20.06	122	59	ven 21.06	124	50	16
					G3881.0579 Dra - II	ven 20.13	213	23	ven 21.13	219	30	ven 22.13	223	37	103
					HL Dra - I	ven 20.50	203	16	ven 21.50	209	21	ven 22.50	215	27	-44
					EH Lyn - I	ven 21.55	75	70	ven 22.55	88	59	ven 23.55	98	48	314
V691 Her - II	ven 23.21	273	30	sab 00.21	285	41	sab 01.21	299	52	181					





	Sun	Sun	Sun	Sun		1h before			Time of			1h after			Helio
Day	-12°	-18°	-18°	-12°	Star Name	Min.	Azi	Alt	minimum	Azi	Alt	Min.	Azi	Alt	Corr
					HL Dra - II	ven 00.08	223	39	ven 01.08	225	47	ven 02.08	226	55	-36
					G1518.0913 Her - II	ven 02.15	321	65	ven 03.15	356	70	ven 04.15	34	67	202
					G3881.0579 Dra - II	ven 02.24	208	72	ven 03.24	180	75	ven 04.24	152	72	110
ven 23-03-12	18.19	18.53	03.22	03.56	V423 Tau - I	ven 17.58	132	75	ven 18.58	123	66	ven 19.58	122	56	-37
					G3881.0579 Dra - II	ven 18.12	203	15	ven 19.12	210	20	ven 20.12	216	26	111
					EH Lyn - I	ven 18.37	290	73	ven 19.37	334	82	ven 20.37	51	79	270
					G1518.0913 Her - I	ven 21.31	256	17	ven 22.31	265	28	ven 23.31	275	39	207
					G3881.0579 Dra - I	ven 22.09	225	40	ven 23.09	227	48	sab 00.09	227	57	111
					EH Lyn - II	ven 22.33	89	58	ven 23.33	98	47	sab 00.33	106	36	269
					HL Dra - II	ven 22.48	217	30	ven 23.48	222	37	sab 00.48	225	45	-35
					V1106 Her - I	sab 00.26	262	31	sab 01.26	272	43	sab 02.26	284	54	-5
					V691 Her - II	sab 00.27	292	47	sab 01.27	310	57	sab 02.27	335	64	222
					G1518.0913 Her - II	sab 01.22	302	59	sab 02.22	327	67	sab 03.22	4	70	207
					QQ Lyr - I	sab 01.23	255	33	sab 02.23	263	44	sab 03.23	273	55	-129
					V1072 Her - II	sab 01.36	240	56	sab 02.36	240	66	sab 03.36	233	75	11
					G3881.0579 Dra - II	sab 02.06	212	71	sab 03.06	187	75	sab 04.06	157	73	111
sab 24-03-12	18.20	18.54	03.20	03.54	EH Lyn - I	sab 18.09	282	69	sab 19.09	309	79	sab 20.09	26	82	263
					CQ Ori - I	sab 20.50	76	36	sab 21.50	87	24	sab 22.50	97	13	10
					HL Dra - II	sab 21.28	210	22	sab 22.28	216	28	sab 23.28	221	35	-34
					V691 Her - I	sab 21.35	261	16	sab 22.35	271	28	sab 23.35	282	39	227
					G3881.0579 Dra - I	sab 21.52	224	39	sab 22.52	227	46	sab 23.52	227	55	112
					EH Lyn - II	sab 22.04	85	63	sab 23.04	95	52	dom 00.04	103	41	262
					V1072 Her - I	sab 22.46	229	30	sab 23.46	234	39	dom 00.46	238	49	13
					G1518.0913 Her - II	dom 00.30	288	50	dom 01.30	305	60	dom 02.30	333	68	213
					V1106 Her - I	dom 00.52	267	37	dom 01.52	277	48	dom 02.52	291	59	1
					G3881.0579 Dra - II	dom 01.49	216	70	dom 02.49	194	75	dom 03.49	163	74	112
					AK Ser - II	dom 02.06	322	25	dom 03.06	337	31	dom 04.06	354	34	85
dom 25-03-12	18.22	18.55	03.18	03.52	EH Lyn - I	dom 17.41	277	64	dom 18.41	295	75	dom 19.41	350	82	257
					V423 Tau - I	dom 19.02	123	64	dom 20.02	123	54	dom 21.02	125	45	-53
					HL Dra - II	dom 20.08	202	16	dom 21.08	209	21	dom 22.08	214	26	-32
					G3881.0579 Dra - I	dom 21.35	223	37	dom 22.35	226	45	dom 23.35	228	53	113
					EH Lyn - II	dom 21.36	79	67	dom 22.36	91	56	dom 23.36	100	45	255
					V1106 Her - II	dom 22.16	244	10	dom 23.16	253	20	lun 00.16	262	31	6
					G1518.0913 Her - II	dom 23.38	278	42	lun 00.38	291	52	lun 01.38	310	62	218
					AK Ser - I	lun 01.10	310	19	lun 02.10	324	26	lun 03.10	339	32	93
					V1106 Her - I	lun 01.19	272	43	lun 02.19	284	54	lun 03.19	301	64	7
					G3881.0579 Dra - II	lun 01.32	219	68	lun 02.32	200	74	lun 03.32	169	75	113
					V691 Her - I	lun 01.46	320	60	lun 02.46	350	65	lun 03.46	24	64	233
lun 26-03-12	18.23	18.57	03.16	03.50	EH Lyn - II	lun 21.08	72	72	lun 22.08	87	61	lun 23.08	96	50	249
					G3881.0579 Dra - I	lun 21.17	222	35	lun 22.17	226	43	lun 23.17	227	51	114
					V1106 Her - II	lun 22.42	248	15	lun 23.42	257	26	mar 00.42	266	37	12
					G1518.0913 Her - II	lun 22.45	269	33	lun 23.45	280	44	mar 00.45	294	54	222
					V691 Her - II	lun 22.55	276	33	lun 23.55	287	44	mar 00.55	303	54	238
					V1072 Her - II	mar 00.10	236	44	mar 01.10	240	54	mar 02.10	241	63	18
					G3881.0579 Dra - II	mar 01.14	221	67	mar 02.14	205	73	mar 03.14	176	75	114
					V1106 Her - I	mar 01.45	277	48	mar 02.45	291	59	mar 03.45	314	69	13
					V556 Lyr - II	mar 02.33	260	49	mar 03.33	269	60	mar 04.33	281	71	-118
					G1518.0913 Her - I	mar 02.37	342	69	mar 03.37	21	69	mar 04.37	51	62	223
mar 27-03-12	18.24	18.58	03.14	03.48	V423 Tau - I	mar 20.07	123	53	mar 21.07	126	43	mar 22.07	131	35	-68
					EH Lyn - II	mar 20.40	62	76	mar 21.40	82	65	mar 22.40	93	54	242
					G3881.0579 Dra - I	mar 21.00	221	33	mar 22.00	225	41	mar 23.00	227	49	115
					V1072 Her - I	mar 21.20	221	21	mar 22.20	227	28	mar 23.20	233	37	21
					G1518.0913 Her - II	mar 21.53	261	24	mar 22.53	271	35	mar 23.53	282	46	227
					V1106 Her - II	mar 23.08	253	20	mer 00.08	262	31	mer 01.08	271	42	18
					EH Lyn - I	mer 00.35	109	33	mer 01.35	116	23	mer 02.35	125	13	241
					G3881.0579 Dra - II	mer 00.57	223	65	mer 01.57	210	72	mer 02.57	183	75	115
					G1518.0913 Her - I	mer 01.44	316	64	mer 02.44	349	69	mer 03.44	28	68	228
					V1106 Her - I	mer 02.12	284	54	mer 03.12	301	64	mer 04.12	332	72	18
mer 28-03-12	18.25	18.59	03.12	03.47	EH Lyn - II	mer 20.11	45	80	mer 21.11	76	70	mer 22.11	89	59	235
					G3881.0579 Dra - I	mer 20.43	220	32	mer 21.43	224	39	mer 22.43	227	47	115
					G1518.0913 Her - II	mer 21.00	254	15	mer 22.00	263	26	mer 23.00	273	37	232
					V1187 Cyg - II	mer 23.17	225	13	gio 00.17	232	22	gio 01.17	239	31	-183
					V1106 Her - II	mer 23.35	257	26	gio 00.35	267	37	gio 01.35	277	48	23
					EH Lyn - I	gio 00.07	105	37	gio 01.07	113	27	gio 02.07	121	17	234
					V691 Her - I	gio 00.14	294	48	gio 01.14	312	58	gio 02.14	339	64	249
					G3881.0579 Dra - II	gio 00.40	224	63	gio 01.40	214	70	gio 02.40	190	75	116
					G1518.0913 Her - I	gio 00.52	298	57	gio 01.52	321	65	gio 02.52	357	70	233







	Sun	Sun	Sun	Sun		1h before			Time of						Helio
Day	-12°	-18°	-18°	-12°	Star Name	Min.	Azi	Alt	minimum	Azi	Alt	1h after Min.	Azi	Alt	Corr
					G3881.0579 Dra - I	mar 01.10	209	72	mar 02.10	181	75	mar 03.10	153	73	123
					V1106 Her - I	mar 01.47	291	59	mar 02.47	312	68	mar 03.47	352	74	90
					G1518.0913 Her - II	mar 01.57	352	69	mar 02.57	30	67	mar 03.57	56	60	287
mar 10-04-12	18.41	19.17	02.47	03.23	V423 Tau - I	mar 17.49	123	65	mar 18.49	122	56	mar 19.49	125	47	-170
					EH Lyn - I	mar 17.59	307	78	mar 18.59	22	82	mar 19.59	68	73	138
					G3881.0579 Dra - II	mar 20.55	224	40	mar 21.55	227	48	mar 22.55	227	56	124
					G1518.0913 Her - I	mar 21.13	264	26	mar 22.13	274	38	mar 23.13	286	49	290
					HL Dra - II	mar 21.23	216	28	mar 22.23	221	35	mar 23.23	224	43	-10
					EH Lyn - II	mar 21.54	94	52	mar 22.54	103	41	mar 23.54	110	31	137
					V691 Her - I	mar 22.15	279	36	mar 23.15	292	47	mer 00.15	309	57	311
					V1106 Her - II	mar 23.10	261	31	mer 00.10	271	42	mer 01.10	282	53	95
					V1072 Her - I	mer 00.02	239	52	mer 01.02	241	62	mer 02.02	237	71	55
					V556 Lyr - II	mer 00.11	250	34	mer 01.11	257	45	mer 02.11	265	56	-52
					G3881.0579 Dra - I	mer 00.52	213	71	mer 01.52	189	75	mer 02.52	158	74	124
					G1518.0913 Her - II	mer 01.04	323	66	mer 02.04	359	70	mer 03.04	36	66	291
					V1106 Her - I	mer 02.14	300	64	mer 03.14	330	72	mer 04.14	16	73	96
mer 11-04-12	18.43	19.19	02.45	03.21	HL Dra - II	mer 20.03	209	21	mer 21.03	215	27	mer 22.03	220	33	-9
					G1518.0913 Her - I	mer 20.21	256	18	mer 21.21	266	29	mer 22.21	276	40	294
					G3881.0579 Dra - II	mer 20.38	224	38	mer 21.38	227	46	mer 22.38	227	54	124
					V1072 Her - II	mer 21.12	226	27	mer 22.12	232	36	mer 23.12	237	45	57
					EH Lyn - II	mer 21.26	91	57	mer 22.26	99	46	mer 23.26	107	35	129
					V1106 Her - II	mer 23.37	266	36	gio 00.37	276	47	gio 01.37	290	58	100
					G1518.0913 Her - II	gio 00.12	303	59	gio 01.12	329	67	gio 02.12	7	70	295
					G3881.0579 Dra - I	gio 00.35	216	69	gio 01.35	195	74	gio 02.35	164	74	124
gio 12-04-12	18.44	19.20	02.43	03.19	V423 Tau - I	gio 18.54	123	54	gio 19.54	125	45	gio 20.54	130	36	-185
					G3881.0579 Dra - II	gio 20.21	223	36	gio 21.21	226	44	gio 22.21	228	52	124
					EH Lyn - II	gio 20.58	86	61	gio 21.58	96	50	gio 22.58	104	39	122
					G1518.0913 Her - II	gio 23.20	289	51	ven 00.20	307	61	ven 01.20	336	68	299
					V691 Her - II	gio 23.34	299	52	ven 00.34	320	60	ven 01.34	349	65	319
					V1106 Her - II	ven 00.03	271	42	ven 01.03	283	53	ven 02.03	299	63	106
					G3881.0579 Dra - I	ven 00.18	219	68	ven 01.18	201	74	ven 02.18	171	75	124
					V1187 Cyg - II	ven 00.58	244	38	ven 01.58	250	48	ven 02.58	255	58	-132
					V1072 Her - II	ven 01.26	240	67	ven 02.26	231	76	ven 03.26	187	82	59
ven 13-04-12	18.45	19.22	02.41	03.17	G3881.0579 Dra - II	ven 20.03	222	35	ven 21.03	225	42	ven 22.03	227	51	125
					EH Lyn - II	ven 20.30	81	66	ven 21.30	92	55	ven 22.30	101	44	114
					V691 Her - I	ven 20.43	265	21	ven 21.43	275	32	ven 22.43	287	43	323
					V1106 Her - I	ven 21.26	248	14	ven 22.26	257	25	ven 23.26	266	36	111
					G1518.0913 Her - II	ven 22.27	279	42	ven 23.27	292	53	sab 00.27	311	63	302
					V1072 Her - I	ven 22.36	235	40	ven 23.36	239	50	sab 00.36	241	59	61
					V556 Lyr - II	ven 23.42	248	31	sab 00.42	255	42	sab 01.42	263	53	-39
					G3881.0579 Dra - I	sab 00.01	222	66	sab 01.01	207	73	sab 02.01	178	75	125
					QQ Lyr - I	sab 00.27	258	38	sab 01.27	267	49	sab 02.27	278	60	-26
					V1106 Her - II	sab 00.29	277	47	sab 01.29	290	58	sab 02.29	311	68	111
sab 14-04-12	18.47	19.23	02.39	03.16	V1072 Her - II	sab 19.46	218	18	sab 20.46	225	25	sab 21.46	231	34	63
					G3881.0579 Dra - II	sab 19.46	221	33	sab 20.46	225	41	sab 21.46	227	49	125
					V423 Tau - I	sab 19.58	126	43	sab 20.58	131	34	sab 21.58	136	26	-199
					EH Lyn - II	sab 20.01	75	70	sab 21.01	88	59	sab 22.01	98	48	106
					G1518.0913 Her - II	sab 21.35	270	33	sab 22.35	281	45	sab 23.35	295	55	306
					V1106 Her - I	sab 21.52	252	19	sab 22.52	261	30	sab 23.52	271	41	116
					G3881.0579 Dra - I	sab 23.43	223	65	dom 00.43	211	71	dom 01.43	185	75	125
					V691 Her - I	dom 00.54	332	63	dom 01.54	5	65	dom 02.54	36	61	327
					V1106 Her - II	dom 00.56	283	53	dom 01.56	299	63	dom 02.56	328	72	117
					FU Lac - II	dom 01.25	234	28	dom 02.25	241	37	dom 03.25	246	47	-271
					G1518.0913 Her - I	dom 01.26	344	69	dom 02.26	23	68	dom 03.26	52	61	306
dom 15-04-12	18.48	19.25	02.37	03.14	CQ Ori - I	dom 18.56	70	40	dom 19.56	82	29	dom 20.56	92	18	-173
					G3881.0579 Dra - II	dom 19.29	220	31	dom 20.29	224	39	dom 21.29	227	47	125
					EH Lyn - II	dom 19.33	66	75	dom 20.33	84	64	dom 21.33	94	53	98
					G1518.0913 Her - II	dom 20.42	262	24	dom 21.42	272	36	dom 22.42	283	47	309
					V691 Her - II	dom 22.02	280	37	dom 23.02	293	48	lun 00.02	312	58	330
					V1106 Her - I	dom 22.19	257	25	dom 23.19	266	36	lun 00.19	276	47	121
					G3881.0579 Dra - I	dom 23.26	225	63	lun 00.26	215	70	lun 01.26	192	75	125
					EH Lyn - I	dom 23.28	110	32	lun 00.28	118	21	lun 01.28	126	12	97
					V1072 Her - II	lun 00.00	240	55	lun 01.00	240	65	lun 02.00	235	74	66
					G1518.0913 Her - I	lun 00.34	318	65	lun 01.34	352	69	lun 02.34	30	67	310
					V1187 Cyg - II	lun 01.18	247	43	lun 02.18	253	53	lun 03.18	258	64	-120
					V1106 Her - II	lun 01.22	290	58	lun 02.22	312	68	lun 03.22	350	74	122
					HL Dra - I	lun 02.02	219	66	lun 03.02	204	72	lun 04.02	177	74	-3

Day	Sun -12°	Sun -18°	Sun -18°	Sun -12°	Star Name	1h before Min.	Azi	Alt	Time of minimum	Azi	Alt	1h after Min.	Azi	Alt	Helio Corr
lun 16-04-12	18.49	19.26	02.35	03.12	EH Lyn - II	lun 19.05	52	78	lun 20.05	78	68	lun 21.05	90	57	90
					G3881.0579 Dra - II	lun 19.12	219	30	lun 20.12	223	37	lun 21.12	226	45	125
					G1518.0913 Her - II	lun 19.50	255	16	lun 20.50	264	27	lun 21.50	274	38	312
					V423 Tau - I	lun 21.03	132	32	lun 22.03	138	24	lun 23.03	144	17	-212
					V1072 Her - I	lun 21.10	228	30	lun 22.10	233	38	lun 23.10	238	48	68
					V1106 Her - I	lun 22.45	261	30	lun 23.45	271	41	mar 00.45	282	53	127
					EH Lyn - I	lun 23.00	107	36	mar 00.00	114	26	mar 01.00	122	16	89
					G3881.0579 Dra - I	lun 23.09	226	61	mar 00.09	218	69	mar 01.09	198	74	125
					V556 Lyr - II	lun 23.14	246	28	mar 00.14	253	39	mar 01.14	261	50	-25
					G1518.0913 Her - I	lun 23.41	299	58	mar 00.41	323	66	mar 01.41	360	70	313
					HL Dra - I	mar 00.42	225	57	mar 01.42	221	64	mar 02.42	209	71	-2
					V1106 Her - II	mar 01.48	300	64	mar 02.48	329	72	mar 03.48	15	73	127
mar 17-04-12	18.51	19.28	02.33	03.10	EH Lyn - II	mar 18.37	28	81	mar 19.37	70	73	mar 20.37	86	62	82
					G3881.0579 Dra - II	mar 18.54	218	28	mar 19.54	222	36	mar 20.54	226	43	126
					EH Lyn - I	mar 22.32	103	40	mar 23.32	111	30	mer 00.32	119	20	81
					G1518.0913 Her - I	mar 22.49	286	49	mar 23.49	303	59	mer 00.49	329	67	316
					G3881.0579 Dra - I	mar 22.51	227	59	mar 23.51	220	67	mer 00.51	204	73	126
					V1106 Her - I	mar 23.11	266	36	mer 00.11	276	47	mer 01.11	289	58	132
					V691 Her - I	mar 23.21	301	53	mer 00.21	322	61	mer 01.21	353	65	338
					HL Dra - I	mar 23.22	225	46	mer 00.22	226	54	mer 01.22	223	62	0
					V1072 Her - I	mer 01.23	239	70	mer 02.23	224	79	mer 03.23	167	82	71
mer 18-04-12	18.52	19.30	02.31	03.09	EH Lyn - II	mer 18.08	353	82	mer 19.08	59	77	mer 20.08	81	66	75
					G3881.0579 Dra - II	mer 18.37	216	27	mer 19.37	221	34	mer 20.37	225	42	126
					V691 Her - II	mer 20.29	266	22	mer 21.29	277	34	mer 22.29	289	44	341
					G1518.0913 Her - I	mer 21.57	277	40	mer 22.57	289	51	mer 23.57	307	61	319
					HL Dra - I	mer 22.01	221	37	mer 23.01	225	44	gio 00.01	226	52	1
					EH Lyn - I	mer 22.04	100	45	mer 23.04	108	34	gio 00.04	116	24	73
					V1072 Her - II	mer 22.33	236	43	mer 23.33	239	53	gio 00.33	241	62	73
					G3881.0579 Dra - I	mer 22.34	227	58	mer 23.34	222	65	gio 00.34	209	72	126
					V1106 Her - I	mer 23.38	271	42	gio 00.38	282	53	gio 01.38	299	63	137
					V1187 Cyg - II	gio 01.38	250	48	gio 02.38	256	59	gio 03.38	261	70	-109
					G1518.0913 Her - II	gio 01.48	9	69	gio 02.48	43	64	gio 03.48	65	55	320
					AK Ser - II	gio 01.57	345	33	gio 02.57	2	34	gio 03.57	20	32	281
gio 19-04-12	18.53	19.31	02.29	03.07	G3881.0579 Dra - II	gio 18.20	215	25	gio 19.20	220	32	gio 20.20	224	40	126
					V1072 Her - I	gio 19.43	220	20	gio 20.43	227	28	gio 21.43	232	36	75
					HL Dra - I	gio 20.41	216	28	gio 21.41	220	35	gio 22.41	224	42	3
					V1106 Her - II	gio 21.01	247	14	gio 22.01	256	24	gio 23.01	265	35	142
					G1518.0913 Her - I	gio 21.04	268	31	gio 22.04	279	42	gio 23.04	292	53	322
					EH Lyn - I	gio 21.35	97	49	gio 22.35	105	38	gio 23.35	113	28	65
					G3881.0579 Dra - I	gio 22.17	227	56	gio 23.17	224	64	ven 00.17	213	71	126
					V556 Lyr - II	gio 22.45	243	26	gio 23.45	251	36	ven 00.45	259	47	-11
					V1106 Her - I	ven 00.04	276	47	ven 01.04	290	58	ven 02.04	311	68	142
					V691 Her - II	ven 00.41	335	64	ven 01.41	9	65	ven 02.41	39	61	345
					G1518.0913 Her - II	ven 00.55	338	68	ven 01.55	17	69	ven 02.55	48	63	323
					AK Ser - I	ven 01.01	331	29	ven 02.01	347	33	ven 03.01	5	34	287
ven 20-04-12	18.55	19.33	02.27	03.05	G3881.0579 Dra - II	ven 18.02	214	24	ven 19.02	219	31	ven 20.02	224	38	126
					HL Dra - I	ven 19.21	208	20	ven 20.21	214	26	ven 21.21	219	33	4
					G1518.0913 Her - I	ven 20.12	260	22	ven 21.12	270	34	ven 22.12	281	45	325
					EH Lyn - I	ven 21.07	93	54	ven 22.07	102	43	ven 23.07	109	32	57
					V1106 Her - II	ven 21.27	252	19	ven 22.27	261	30	ven 23.27	270	41	147
					V691 Her - I	ven 21.49	282	39	ven 22.49	295	49	ven 23.49	314	58	348
					G3881.0579 Dra - I	ven 22.00	227	54	ven 23.00	225	62	sab 00.00	217	69	126
					V1072 Her - I	ven 23.57	240	58	sab 00.57	240	67	sab 01.57	230	77	77
					G1518.0913 Her - II	sab 00.03	313	63	sab 01.03	345	69	sab 02.03	24	68	326
					AK Ser - II	sab 00.05	318	24	sab 01.05	333	30	sab 02.05	350	34	294
					QQ Lyr - I	sab 00.08	260	39	sab 01.08	269	50	sab 02.08	280	61	10
					V1106 Her - I	sab 00.31	282	53	sab 01.31	299	63	sab 02.31	327	71	147
G3881.0579 Dra - II	sab 01.57	166	75	sab 02.57	144	70	sab 03.57	135	62	126					
sab 21-04-12	18.56	19.34	02.25	03.03	V423 Tau - I	sab 18.49	124	49	sab 19.49	127	40	sab 20.49	132	32	-245
					G1518.0913 Her - I	sab 19.19	253	14	sab 20.19	262	25	sab 21.19	272	36	328
					EH Lyn - I	sab 20.39	89	58	sab 21.39	98	47	sab 22.39	106	36	49
					V1072 Her - II	sab 21.07	230	32	sab 22.07	235	41	sab 23.07	239	50	79
					G3881.0579 Dra - I	sab 21.42	227	52	sab 22.42	226	60	sab 23.42	219	68	126
					V1106 Her - II	sab 21.54	256	24	sab 22.54	265	35	sab 23.54	276	47	152
					AK Ser - I	sab 23.10	307	17	dom 00.10	320	25	dom 01.10	335	31	300
					G1518.0913 Her - II	sab 23.11	296	56	dom 00.11	318	65	dom 01.11	352	70	329
V1106 Her - I	dom 00.57	290	58	dom 01.57	311	68	dom 02.57	349	74	152					

Day	Sun -12°	Sun -18°	Sun -18°	Sun -12°	Star Name	1h before Min.	Azi	Alt	Time of minimum	Azi	Alt	1h after Min.	Azi	Alt	Helio Corr
					BW Peg - I	dom 01.33	263	25	dom 02.33	272	36	dom 03.33	284	47	-227
					G3881.0579 Dra - II	dom 01.39	172	75	dom 02.39	147	71	dom 03.39	136	64	126
					V1187 Cyg - II	dom 01.58	253	54	dom 02.58	259	65	dom 03.58	264	76	-97
					V691 Her - I	dom 02.00	23	64	dom 03.00	49	57	dom 04.00	67	48	352
dom 22-04-12	18.57	19.36	02.23	03.02	EH Lyn - I	dom 20.11	85	63	dom 21.11	95	52	dom 22.11	103	41	41
					G3881.0579 Dra - I	dom 21.25	227	50	dom 22.25	227	58	dom 23.25	222	66	126
					V556 Lyr - II	dom 22.17	241	23	dom 23.17	249	33	lun 00.17	256	44	3
					G1518.0913 Her - II	dom 22.18	284	47	dom 23.18	300	58	lun 00.18	323	66	332
					V1106 Her - II	dom 22.20	261	30	dom 23.20	270	41	lun 00.20	282	52	157
					V691 Her - II	dom 23.08	303	54	lun 00.08	325	62	lun 01.08	357	65	354
					V1072 Her - II	lun 01.21	237	72	lun 02.21	213	81	lun 03.21	150	81	81
					G3881.0579 Dra - II	lun 01.22	180	75	lun 02.22	152	72	lun 03.22	138	66	126
					V1106 Her - I	lun 01.23	299	63	lun 02.23	328	72	lun 03.23	13	73	157
					FU Lac - I	lun 01.42	240	35	lun 02.42	245	45	lun 03.42	250	55	-247
lun 23-04-12	18.59	19.37	02.21	03.00	EH Lyn - I	lun 19.42	79	67	lun 20.42	91	56	lun 21.42	100	45	33
					V423 Tau - I	lun 19.54	128	38	lun 20.54	134	30	lun 21.54	140	22	-258
					V691 Her - I	lun 20.16	267	24	lun 21.16	278	35	lun 22.16	290	46	357
					G3881.0579 Dra - I	lun 21.08	227	48	lun 22.08	227	57	lun 23.08	223	65	126
					G1518.0913 Her - II	lun 21.26	275	38	lun 22.26	287	49	lun 23.26	303	59	334
					V1072 Her - I	lun 22.31	237	46	lun 23.31	240	55	mar 00.31	240	65	83
					V1106 Her - II	lun 22.46	266	36	lun 23.46	276	47	mar 00.46	289	58	162
					G3881.0579 Dra - II	mar 01.05	187	75	mar 02.05	157	73	mar 03.05	140	67	126
					G1518.0913 Her - I	mar 01.17	2	70	mar 02.17	38	66	mar 03.17	61	57	335
					V1106 Her - I	mar 01.50	311	68	mar 02.50	349	74	mar 03.50	35	71	162
mar 24-04-12	19.00	19.39	02.19	02.58	DT Cam - I	mar 18.12	133	48	mar 19.12	135	40	mar 20.12	139	33	-284
					EH Lyn - I	mar 19.14	72	72	mar 20.14	87	61	mar 21.14	96	50	25
					V1072 Her - II	mar 19.41	222	22	mar 20.41	228	30	mar 21.41	234	39	85
					G1518.0913 Her - II	mar 20.33	266	29	mar 21.33	277	40	mar 22.33	289	51	337
					G3881.0579 Dra - I	mar 20.50	227	47	mar 21.50	227	55	mar 22.50	225	63	126
					V1106 Her - II	mar 23.13	271	41	mer 00.13	282	52	mer 01.13	298	63	167
					G1518.0913 Her - I	mer 00.25	331	67	mer 01.25	9	69	mer 02.25	43	64	337
					V691 Her - I	mer 00.27	338	64	mer 01.27	12	65	mer 02.27	42	60	360
					G3881.0579 Dra - II	mer 00.48	194	75	mer 01.48	163	74	mer 02.48	142	69	126
					HL Dra - II	mer 01.20	220	65	mer 02.20	206	72	mer 03.20	180	74	10
mer 25-04-12	19.01	19.41	02.17	02.57	EH Lyn - I	mer 18.46	62	76	mer 19.46	82	65	mer 20.46	93	54	17
					G1518.0913 Her - II	mer 19.41	259	20	mer 20.41	268	31	mer 21.41	279	43	339
					G3881.0579 Dra - I	mer 20.33	226	45	mer 21.33	228	53	mer 22.33	226	61	126
					V1106 Her - I	mer 20.36	247	13	mer 21.36	256	24	mer 22.36	265	35	171
					V423 Tau - I	mer 20.58	135	28	mer 21.58	141	21	mer 22.58	148	14	-270
					V691 Her - II	mer 21.36	283	40	mer 22.36	297	50	mer 23.36	316	59	363
					V556 Lyr - II	mer 21.48	239	20	mer 22.48	247	30	mer 23.48	254	41	16
					EH Lyn - II	mer 22.41	109	33	mer 23.41	116	23	gio 00.41	125	13	16
					G1518.0913 Her - I	mer 23.32	308	62	gio 00.32	338	68	gio 01.32	17	69	340
					V1106 Her - II	mer 23.39	276	47	gio 00.39	289	58	gio 01.39	310	68	172
					V1072 Her - II	mer 23.54	241	60	gio 00.54	238	70	gio 01.54	223	79	87
					HL Dra - II	gio 00.00	226	56	gio 01.00	222	63	gio 02.00	211	70	11
					G3881.0579 Dra - II	gio 00.30	200	74	gio 01.30	169	75	gio 02.30	146	70	126
					BW Peg - II	gio 00.35	256	17	gio 01.35	265	28	gio 02.35	276	39	-203
gio 26-04-12	19.03	19.42	02.15	02.55	EH Lyn - I	gio 18.17	45	80	gio 19.17	76	70	gio 20.17	89	59	9
					G1518.0913 Her - II	gio 18.49	251	12	gio 19.49	261	22	gio 20.49	270	34	342
					G3881.0579 Dra - I	gio 20.16	226	43	gio 21.16	227	51	gio 22.16	227	59	125
					V1106 Her - I	gio 21.02	252	19	gio 22.02	261	30	gio 23.02	270	41	176
					V1072 Her - I	gio 21.04	231	34	gio 22.04	236	43	gio 23.04	239	53	89
					EH Lyn - II	gio 22.13	105	37	gio 23.13	113	27	ven 00.13	121	17	8
					HL Dra - II	gio 22.39	225	45	gio 23.39	226	53	ven 00.39	223	61	13
					G1518.0913 Her - I	gio 22.40	293	54	gio 23.40	313	63	ven 00.40	345	69	342
					V1106 Her - II	ven 00.05	282	52	ven 01.05	298	63	ven 02.05	326	71	177
					G3881.0579 Dra - II	ven 00.13	205	73	ven 01.13	176	75	ven 02.13	150	72	125
					V691 Her - II	ven 01.47	27	63	ven 02.47	52	56	ven 03.47	69	47	366
ven 27-04-12	19.04	19.44	02.13	02.53	V1072 Her - II	ven 18.15	213	14	ven 19.15	221	20	ven 20.15	227	28	91
					G3881.0579 Dra - I	ven 19.59	225	41	ven 20.59	227	49	ven 21.59	227	57	125
					HL Dra - II	ven 21.19	221	36	ven 22.19	224	43	ven 23.19	226	51	14
					V1106 Her - I	ven 21.28	256	24	ven 22.28	265	35	ven 23.28	275	46	181
					EH Lyn - II	ven 21.44	102	42	ven 22.44	110	31	ven 23.44	118	21	0
					G1518.0913 Her - I	ven 21.47	282	45	ven 22.47	296	56	ven 23.47	318	65	345
					V691 Her - I	ven 22.55	305	55	ven 23.55	328	62	sab 00.55	0	65	368
					QQ Lyr - I	ven 23.49	261	41	sab 00.49	270	52	sab 01.49	282	63	46







Day	Sun -12°	Sun -18°	Sun -18°	Sun -12°	Star Name	1h before Min.	Azi	Alt	Time of minimum	Azi	Alt	1h after Min.	Azi	Alt	Helio Corr
					V691 Her - II	mer 23.48	349	65	gio 00.48	23	64	gio 01.48	49	57	390
					G3881.0579 Dra - I	gio 00.25	174	75	gio 01.25	148	71	gio 02.25	137	64	120
					V556 Lyr - I	gio 01.33	279	70	gio 02.33	306	80	gio 03.33	37	83	81
gio 10-05-12	19.22	20.05	01.49	02.33	EH Lyn - I	gio 19.32	91	57	gio 20.32	99	46	gio 21.32	107	35	-104
					G3881.0579 Dra - II	gio 20.11	227	50	gio 21.11	227	58	gio 22.11	222	66	119
					V691 Her - I	gio 20.56	287	43	gio 21.56	302	53	gio 22.56	325	62	391
					V1106 Her - I	gio 21.04	260	29	gio 22.04	270	40	gio 23.04	281	51	237
					G1518.0913 Her - II	gio 22.00	297	56	gio 23.00	320	65	ven 00.00	355	70	367
					V1187 Cyg - I	gio 22.04	237	27	gio 23.04	243	37	ven 00.04	249	47	-17
					V1072 Her - I	gio 23.46	239	69	ven 00.46	227	78	ven 01.46	174	82	115
					V1106 Her - II	ven 00.07	297	62	ven 01.07	324	71	ven 02.07	9	74	237
					G3881.0579 Dra - I	ven 00.08	181	75	ven 01.08	153	73	ven 02.08	138	66	119
					EZ Lac - II	ven 00.29	228	32	ven 01.29	233	40	ven 02.29	236	49	-235
ven 11-05-12	19.23	20.07	01.48	02.32	EH Lyn - I	ven 19.04	86	61	ven 20.04	96	50	ven 21.04	104	39	-112
					V423 Tau - I	ven 19.46	134	30	ven 20.46	140	22	ven 21.46	147	15	-356
					G3881.0579 Dra - II	ven 19.54	227	48	ven 20.54	227	56	ven 21.54	224	64	119
					V1072 Her - II	ven 20.56	235	42	ven 21.56	239	51	ven 22.56	241	61	116
					G1518.0913 Her - II	ven 21.08	285	48	ven 22.08	301	58	ven 23.08	326	67	368
					V1106 Her - I	ven 21.30	265	35	ven 22.30	275	46	ven 23.30	288	57	241
					QQ Lyr - I	ven 23.11	263	44	sab 00.11	273	55	sab 01.11	287	66	115
					G3881.0579 Dra - I	ven 23.51	188	75	sab 00.51	158	74	sab 01.51	140	68	118
					V1106 Her - II	sab 00.34	309	67	sab 01.34	345	73	sab 02.34	31	72	241
					G1518.0913 Her - I	sab 00.59	34	67	sab 01.59	59	58	sab 02.59	75	48	368
					V691 Her - I	sab 01.07	36	61	sab 02.07	58	53	sab 03.07	73	43	392
					HL Dra - II	sab 01.15	205	72	sab 02.15	179	74	sab 03.15	153	71	33
sab 12-05-12	19.25	20.09	01.46	02.30	EH Lyn - I	sab 18.36	81	66	sab 19.36	92	55	sab 20.36	101	44	-120
					G3881.0579 Dra - II	sab 19.36	227	46	sab 20.36	227	54	sab 21.36	225	62	118
					QQ Lyr - II	sab 20.09	239	13	sab 21.09	247	23	sab 22.09	255	33	119
					G1518.0913 Her - II	sab 20.15	275	39	sab 21.15	288	50	sab 22.15	305	60	369
					V1106 Her - I	sab 21.57	270	40	sab 22.57	281	51	sab 23.57	296	62	245
					V691 Her - II	sab 22.15	311	57	sab 23.15	338	64	dom 00.15	12	65	393
					G3881.0579 Dra - I	sab 23.34	195	75	dom 00.34	164	74	dom 01.34	143	69	118
					HL Dra - II	sab 23.55	222	64	dom 00.55	210	70	dom 01.55	187	74	34
					G1518.0913 Her - I	dom 00.07	5	70	dom 01.07	40	65	dom 02.07	63	56	369
					V473 And - II	dom 00.10	224	12	dom 01.10	231	20	dom 02.10	239	29	-353
					V1106 Her - II	dom 01.00	325	71	dom 02.00	10	74	dom 03.00	48	68	245
					V556 Lyr - I	dom 01.05	275	67	dom 02.05	295	78	dom 03.05	10	84	94
					V1072 Her - II	dom 01.10	207	81	dom 02.10	143	80	dom 03.10	123	72	118
dom 13-05-12	19.26	20.10	01.44	02.29	G3881.0579 Dra - II	dom 19.19	226	44	dom 20.19	228	52	dom 21.19	226	61	117
					V1106 Her - II	dom 19.20	246	13	dom 20.20	255	23	dom 21.20	264	34	248
					G1518.0913 Her - II	dom 19.23	267	30	dom 20.23	277	41	dom 21.23	290	52	369
					V691 Her - I	dom 19.24	272	28	dom 20.24	283	40	dom 21.24	297	50	394
					V1072 Her - I	dom 22.20	240	57	dom 23.20	240	66	lun 00.20	232	76	119
					V1106 Her - I	dom 22.23	275	46	dom 23.23	288	57	lun 00.23	308	67	248
					V1187 Cyg - I	dom 22.24	240	32	dom 23.24	247	42	lun 00.24	252	53	-4
					HL Dra - II	dom 22.35	226	54	dom 23.35	223	62	lun 00.35	214	69	36
					G1518.0913 Her - I	dom 23.14	334	68	lun 00.14	12	69	lun 01.14	45	64	369
					G3881.0579 Dra - I	dom 23.16	201	74	lun 00.16	171	75	lun 01.16	147	71	117
					V473 And - I	lun 00.15	225	13	lun 01.15	232	22	lun 02.15	239	31	-349
					V1106 Her - II	lun 01.26	346	73	lun 02.26	32	72	lun 03.26	61	63	249