

Day	Sun	Sun	Sun	Sun	Star Name				Time of						Helio Corr
	-12°	-18°	-18°	-12°		1h befor	Min	Azi	Alt	minimum	Azi	Alt	1h after	Min	
gio 26-02-15	17.49	18.21	04.07	04.39	V423 Tau - II V691 Her - I	gio 21.28 ven 02.50	79 304	48 54	gio 22.28 ven 03.50	90 326	37 62	gio 23.28 ven 04.50	100 358	26 65	172 61
ven 27-02-15	17.50	18.22	04.05	04.37	CQ Ori - II V423 Tau - I V691 Her - II	ven 21.32 ven 22.02 ven 23.58	63 86 268	46 42 24	ven 22.32 ven 23.02 sab 00.58	76 96 278	35 30 35	ven 23.32 sab 00.02 sab 01.58	87 105 291	24 19 46	220 164 67
sab 28-02-15	17.51	18.24	04.04	04.36	VV Eri - II V423 Tau - II	sab 19.19 sab 22.35	71 92	34 35	sab 20.19 sab 23.35	83 102	23 24	sab 21.19 dom 00.35	93 111	12 13	-162 155
dom 01-03-15	17.52	18.25	04.02	04.34	V691 Her - I	lun 01.17	283	40	lun 02.17	298	51	lun 03.17	317	60	81
lun 02-03-15	17.54	18.26	04.00	04.33	V691 Her - II	lun 22.26	255	9	lun 23.26	264	20	mar 00.26	274	31	86
mar 03-03-15	17.55	18.27	03.59	04.31	V691 Her - II	mer 02.37	306	55	mer 03.37	329	63	mer 04.37	2	65	94
mer 04-03-15	17.56	18.28	03.57	04.30	V691 Her - I QQ Lyr - I	mer 23.45 gio 02.02	269 250	25 26	gio 00.45 gio 03.02	279 258	36 37	gio 01.45 gio 04.02	292 267	47 48	100 -211
gio 05-03-15	17.57	18.30	03.56	04.28	V423 Tau - II	gio 17.09	326	69	gio 18.09	7	72	gio 19.09	44	67	116
ven 06-03-15	17.58	18.31	03.54	04.26	V423 Tau - I CQ Ori - I V691 Her - II	ven 17.42 ven 17.57 sab 01.04	350 345 285	72 61 41	ven 18.42 ven 18.57 sab 02.04	32 15 299	70 61 52	ven 19.42 ven 19.57 sab 03.04	59 42 320	61 56 60	107 166 114
sab 07-03-15	17.59	18.32	03.52	04.25	V423 Tau - II V691 Her - I	sab 18.15 sab 22.12	17 256	71 10	sab 19.15 sab 23.12	51 265	65 21	sab 20.15 dom 00.12	70 276	55 33	98 119
dom 08-03-15	18.01	18.33	03.51	04.23	V423 Tau - I V1072 Her - I V691 Her - I	dom 18.49 dom 23.10 lun 02.23	40 225 308	68 25 56	dom 19.49 lun 00.10 lun 03.23	64 230 333	59 33 63	dom 20.49 lun 01.10 lun 04.23	79 235 6	49 42 65	90 -29 127
lun 09-03-15	18.02	18.34	03.49	04.21	V473 And - I V423 Tau - II V691 Her - II	lun 17.03 lun 19.22 lun 23.32	117 56 270	37 63 27	lun 18.03 lun 20.22 mar 00.32	123 74 281	27 53 38	lun 19.03 lun 21.22 mar 01.32	130 86 294	18 42 48	-331 81 133
mar 10-03-15	18.03	18.36	03.47	04.20	V473 And - II V423 Tau - I CQ Ori - II QQ Lyr - II V1072 Her - II	mar 17.07 mar 19.55 mar 20.35 mer 00.08 mer 00.34	117 68 59 237 233	35 57 48 11 38	mar 18.07 mar 20.55 mar 21.35 mer 01.08 mer 01.34	124 82 73 245 237	26 46 38 21 47	mar 19.07 mar 21.55 mar 22.35 mer 02.08 mer 02.34	132 92 85 254 240	17 35 27 31 56	-335 72 133 -188 -24
mer 11-03-15	18.04	18.37	03.45	04.18	V473 And - I V423 Tau - II V1072 Her - I V691 Her - I QQ Lyr - I	mer 17.12 mer 20.28 mer 21.44 gio 00.51 gio 01.43	118 77 216 286 251	34 50 16 43 28	mer 18.12 mer 21.28 mer 22.44 gio 01.51 gio 02.43	125 88 223 301 259	25 39 23 53 38	mer 19.12 mer 22.28 mer 23.44 gio 02.51 gio 03.43	133 98 229 323 268	16 28 31 61 49	-339 64 -21 146 -184
gio 12-03-15	18.05	18.38	03.44	04.16	V473 And - II V423 Tau - I V691 Her - II V1072 Her - I	gio 17.17 gio 21.01 gio 21.59 ven 01.58	119 84 257 239	33 43 12 52	gio 18.17 gio 22.01 gio 22.59 ven 02.58	126 95 266 241	23 32 23 62	gio 19.17 gio 23.01 gio 23.59 ven 03.58	134 104 277 238	15 21 34 71	-343 55 151 -18
ven 13-03-15	18.06	18.39	03.42	04.15	V473 And - I V423 Tau - II V1072 Her - II V691 Her - II	ven 17.21 ven 21.34 ven 23.08 sab 02.10	120 91 226 310	31 36 27 57	ven 18.21 ven 22.34 sab 00.08 sab 03.10	127 100 232 336	22 25 36 64	ven 19.21 ven 23.34 sab 01.08 sab 04.10	135 109 237 9	14 15 45 65	-346 46 -16 159
sab 14-03-15	18.08	18.40	03.40	04.13	V473 And - II V691 Her - I	sab 17.26 sab 23.19	121 271	30 28	sab 18.26 dom 00.19	128 282	21 39	sab 19.26 dom 01.19	136 296	12 49	-350 164
dom 15-03-15	18.09	18.42	03.38	04.11	V1072 Her - I BW Peg - I	lun 00.31 lun 03.10	235 255	40 15	lun 01.31 lun 04.10	238 264	50 26	lun 02.31 lun 05.10	241 274	59 37	-11 -389
lun 16-03-15	18.10	18.43	03.36	04.09	V1072 Her - II V691 Her - II	lun 21.42 mar 00.38	218 288	18 44	lun 22.42 mar 01.38	225 303	25 54	lun 23.42 mar 02.38	231 326	33 62	-9 177
mar 17-03-15	18.11	18.44	03.35	04.08	V691 Her - I QQ Lyr - II V1072 Her - II	mar 21.46 mar 23.49 mer 01.55	258 238 240	13 12 55	mar 22.46 mer 00.49 mer 02.55	268 247 241	24 22 64	mar 23.46 mer 01.49 mer 03.55	278 255 235	35 33 74	182 -159 -6
mer 18-03-15	18.12	18.45	03.33	04.06	VV Eri - I V1072 Her - I	mer 17.12 mer 23.05	58 228	44 29	mer 18.12 gio 00.05	72 233	33 38	mer 19.12 gio 01.05	84 238	23 47	-297 -4

Day	Sun -12°	Sun -18°	Sun -18°	Sun -12°	Star Name	1h befor	Min	Azi	Alt	Time of minimum	Azi	Alt	1h after	Min	Azi	Alt	Helio Corr
					V1187 Cyg - II	gio 00.07		226	14	gio 01.07	233	23	gio 02.07		240	32	-212
					QQ Lyr - I	gio 01.25		252	29	gio 02.25	260	40	gio 03.25		269	51	-154
					V691 Her - I	gio 01.57		312	58	gio 02.57	339	64	gio 03.57		13	65	189
gio 19-03-15	18.13	18.47	03.31	04.04	V691 Her - II	gio 23.05		272	29	ven 00.05	283	40	ven 01.05		297	51	194
ven 20-03-15	18.15	18.48	03.29	04.02	V423 Tau - II	ven 17.15		10	72	ven 18.15	46	66	ven 19.15		68	57	-13
					V1072 Her - II	sab 00.29		236	43	sab 01.29	239	52	sab 02.29		241	62	1
sab 21-03-15	18.16	18.49	03.27	04.01	V423 Tau - I	sab 17.48		35	69	sab 18.48	61	61	sab 19.48		77	50	-21
					CQ Ori - II	sab 19.39		55	50	sab 20.39	70	40	sab 21.39		82	29	42
					V1072 Her - I	sab 21.39		220	20	sab 22.39	227	27	sab 23.39		232	36	4
					V691 Her - I	dom 00.25		289	45	dom 01.25	305	55	dom 02.25		329	63	206
					V1187 Cyg - II	dom 00.28		230	19	dom 01.28	237	28	dom 02.28		244	38	-205
					AK Ser - II	dom 02.48		328	28	dom 03.48	344	33	dom 04.48		2	34	54
dom 22-03-15	18.17	18.50	03.25	03.59	V423 Tau - II	dom 18.21		52	64	dom 19.21	71	54	dom 20.21		84	43	-30
					V691 Her - II	dom 21.33		259	14	dom 22.33	269	25	dom 23.33		279	36	211
					AK Ser - I	lun 01.52		316	22	lun 02.52	330	29	lun 03.52		347	33	62
					V1072 Her - I	lun 01.52		240	57	lun 02.52	240	67	lun 03.52		230	76	7
lun 23-03-15	18.18	18.52	03.23	03.57	V423 Tau - I	lun 18.54		65	58	lun 19.54	80	48	lun 20.54		91	37	-39
					V1072 Her - II	lun 23.03		230	32	mar 00.03	235	41	mar 01.03		239	50	9
					AK Ser - II	mar 00.56		305	15	mar 01.56	318	23	mar 02.56		333	30	70
					V691 Her - II	mar 01.44		315	59	mar 02.44	343	65	mar 03.44		17	65	218
mar 24-03-15	18.19	18.53	03.22	03.55	V423 Tau - II	mar 19.27		75	52	mar 20.27	87	41	mar 21.27		97	30	-48
					V691 Her - I	mar 22.52		273	30	mar 23.52	285	41	mer 00.52		299	52	223
					QQ Lyr - II	mar 23.30		239	14	mer 00.30	248	24	mer 01.30		256	34	-128
					V1187 Cyg - II	mer 00.48		234	24	mer 01.48	241	33	mer 02.48		247	43	-197
mer 25-03-15	18.21	18.54	03.20	03.53	VV Eri - II	mer 17.25		68	37	mer 18.25	80	26	mer 19.25		90	15	-343
					V423 Tau - I	mer 20.00		83	45	mer 21.00	93	34	mer 22.00		102	23	-57
					V1072 Her - I	gio 00.26		237	46	gio 01.26	240	55	gio 02.26		240	65	14
					QQ Lyr - I	gio 01.06		253	31	gio 02.06	262	42	gio 03.06		271	53	-123
gio 26-03-15	18.22	18.56	03.18	03.52	V423 Tau - II	gio 20.33		89	38	gio 21.33	99	27	gio 22.33		108	16	-65
					V1072 Her - II	gio 21.36		222	22	gio 22.36	228	30	gio 23.36		234	38	16
					V691 Her - II	ven 00.11		291	46	ven 01.11	307	56	ven 02.11		332	63	234
ven 27-03-15	18.23	18.57	03.16	03.50	DT Cam - II	ven 18.17		135	63	ven 19.17	132	55	ven 20.17		133	47	-103
					V423 Tau - I	ven 21.07		95	31	ven 22.07	104	20	ven 23.07		114	10	-74
					V691 Her - I	ven 21.20		260	15	ven 22.20	270	26	ven 23.20		280	37	239
					V1187 Cyg - II	sab 01.08		238	28	sab 02.08	244	38	sab 03.08		250	49	-188
					V1072 Her - II	sab 01.50		241	60	sab 02.50	239	70	sab 03.50		223	79	19
sab 28-03-15	18.24	18.58	03.14	03.48	V1072 Her - I	sab 23.00		231	34	dom 00.00	236	43	dom 01.00		239	53	21
					V691 Her - I	dom 01.31		317	60	dom 02.31	346	65	dom 03.31		20	64	246
dom 29-03-15	18.25	19.00	03.12	03.46	V1072 Her - II	dom 20.10		213	13	dom 21.10	220	20	dom 22.10		227	28	24
					V691 Her - II	dom 22.39		274	31	dom 23.39	286	42	lun 00.39		301	53	250
lun 30-03-15	18.27	19.01	03.10	03.44	V1072 Her - II	mar 00.24		238	48	mar 01.24	240	58	mar 02.24		240	68	26
					V1187 Cyg - II	mar 01.28		241	34	mar 02.28	247	44	mar 03.28		253	54	-179
mar 31-03-15	18.28	19.02	03.08	03.42	V1072 Her - I	mar 21.34		224	24	mar 22.34	230	32	mar 23.34		235	41	29
					QQ Lyr - II	mar 23.11		241	15	mer 00.11	249	25	mer 01.11		257	36	-95
					V691 Her - I	mar 23.58		292	47	mer 00.58	310	57	mer 01.58		335	64	261
mer 01-04-15	18.29	19.04	03.06	03.41	CQ Ori - II	mer 18.42		51	52	mer 19.42	67	42	mer 20.42		80	32	-51
					V691 Her - II	mer 21.07		261	16	mer 22.07	271	28	mer 23.07		282	39	265
					QQ Lyr - I	gio 00.48		255	32	gio 01.48	263	43	gio 02.48		272	54	-89
					V1072 Her - I	gio 01.47		241	63	gio 02.47	236	73	gio 03.47		212	81	32
gio 02-04-15	18.30	19.05	03.04	03.39	V1072 Her - II	gio 22.57		233	37	gio 23.57	237	46	ven 00.57		240	55	34
					V691 Her - II	ven 01.18		320	60	ven 02.18	350	65	ven 03.18		23	64	271
					V1187 Cyg - II	ven 01.48		245	39	ven 02.48	251	49	ven 03.48		256	60	-169
ven 03-04-15	18.32	19.06	03.02	03.37	DT Cam - I	ven 19.52		133	46	ven 20.52	136	38	ven 21.52		140	31	-152
					V1072 Her - I	ven 20.07		215	15	ven 21.07	222	22	ven 22.07		229	30	36
					V691 Her - I	ven 22.26		276	33	ven 23.26	287	44	sab 00.26		303	54	276
sab 04-04-15	18.33	19.08	03.00	03.35	V1072 Her - I	dom 00.21		239	51	dom 01.21	241	61	dom 02.21		238	70	39

Day	Sun -12°	Sun -18°	Sun -18°	Sun -12°	Star Name	1h befor	Min	Azi	Alt	Time of minimum	Azi	Alt	1h after	Min	Azi	Alt	Helio Corr
					FU Lac - II	dom 02.01		234	27	dom 03.01	240	36	dom 04.01		246	46	-294
dom 05-04-15	18.34	19.09	02.58	03.33	V423 Tau - I	dom 17.54		62	60	dom 18.54	78	49	dom 19.54		89	38	-149
					V1072 Her - II	dom 21.31		226	26	dom 22.31	231	35	dom 23.31		236	44	41
					V691 Her - II	dom 23.45		294	48	lun 00.45	312	58	lun 01.45		339	64	285
					V1187 Cyg - II	lun 02.08		248	44	lun 03.08	254	55	lun 04.08		259	66	-159
lun 06-04-15	18.35	19.11	02.56	03.32	V423 Tau - II	lun 18.27		73	54	lun 19.27	85	43	lun 20.27		95	31	-157
					V691 Her - I	lun 20.53		262	18	lun 21.53	272	29	lun 22.53		283	40	289
					V1072 Her - II	mar 01.45		240	66	mar 02.45	233	75	mar 03.45		196	82	44
mar 07-04-15	18.37	19.12	02.54	03.30	V423 Tau - I	mar 19.00		81	47	mar 20.00	91	36	mar 21.00		101	25	-165
					QQ Lyr - II	mar 22.52		242	16	mar 23.52	250	27	mer 00.52		258	37	-60
					V1072 Her - I	mar 22.55		234	39	mar 23.55	238	49	mer 00.55		240	58	46
					V691 Her - I	mer 01.04		323	61	mer 02.04	354	65	mer 03.04		27	63	295
					BW Peg - II	mer 02.22		261	23	mer 03.22	271	34	mer 04.22		282	45	-306
mer 08-04-15	18.38	19.14	02.52	03.28	V423 Tau - II	mer 19.33		88	40	mer 20.33	97	29	mer 21.33		106	18	-174
					V1072 Her - II	mer 20.05		217	17	mer 21.05	224	24	mer 22.05		230	33	48
					V691 Her - II	mer 22.13		277	34	mer 23.13	289	45	gio 00.13		305	55	299
					QQ Lyr - I	gio 00.29		256	34	gio 01.29	264	45	gio 02.29		274	56	-55
gio 09-04-15	18.39	19.15	02.50	03.26	V423 Tau - I	gio 20.06		94	33	gio 21.06	103	22	gio 22.06		112	11	-182
					V1072 Her - II	ven 00.18		240	54	ven 01.18	241	63	ven 02.18		236	73	51
					V691 Her - II	ven 02.24		9	65	ven 03.24	39	61	ven 04.24		60	52	304
ven 10-04-15	18.40	19.16	02.48	03.24	DT Cam - II	ven 21.28		141	30	ven 22.28	146	24	ven 23.28		153	18	-198
					V1072 Her - I	ven 21.28		227	29	ven 22.28	233	37	ven 23.28		237	46	53
					V691 Her - I	ven 23.32		295	49	sab 00.32	314	59	sab 01.32		342	65	308
sab 11-04-15	18.42	19.18	02.46	03.22	V691 Her - II	sab 20.40		263	19	sab 21.40	273	30	sab 22.40		284	41	311
					BW Peg - I	dom 01.25		255	15	dom 02.25	264	26	dom 03.25		274	37	-287
					V1072 Her - I	dom 01.42		239	68	dom 02.42	228	78	dom 03.42		176	82	55
dom 12-04-15	18.43	19.19	02.44	03.21	CQ Ori - II	dom 17.45		47	54	dom 18.45	64	45	dom 19.45		77	34	-142
					V1072 Her - II	dom 22.52		235	42	dom 23.52	239	51	lun 00.52		241	61	58
					V691 Her - II	lun 00.51		326	62	lun 01.51	357	65	lun 02.51		30	63	316
					FU Lac - I	lun 02.18		239	34	lun 03.18	245	44	lun 04.18		250	54	-278
lun 13-04-15	18.44	19.21	02.42	03.19	V1072 Her - I	lun 20.02		219	19	lun 21.02	226	27	lun 22.02		232	35	60
					V691 Her - I	lun 22.00		278	35	lun 23.00	290	46	mar 00.00		307	56	320
mar 14-04-15	18.46	19.22	02.40	03.17	QQ Lyr - II	mar 22.33		243	18	mar 23.33	251	28	mer 00.33		260	39	-25
					V1072 Her - I	mer 00.16		240	56	mer 01.16	240	66	mer 02.16		232	75	62
					V691 Her - I	mer 02.11		13	65	mer 03.11	42	60	mer 04.11		62	51	324
mer 15-04-15	18.47	19.24	02.38	03.15	V1072 Her - II	mer 21.26		229	31	mer 22.26	234	40	mer 23.26		238	49	64
					V691 Her - II	mer 23.19		297	50	gio 00.19	317	59	gio 01.19		346	65	328
					QQ Lyr - I	gio 00.11		257	36	gio 01.11	266	47	gio 02.11		276	58	-19
gio 16-04-15	18.48	19.25	02.36	03.13	V691 Her - I	gio 20.27		264	20	gio 21.27	274	31	gio 22.27		286	42	331
					V1072 Her - II	ven 01.39		238	71	ven 02.39	219	80	ven 03.39		157	82	67
					AK Ser - I	ven 01.43		338	31	ven 02.43	355	34	ven 03.43		13	33	261
ven 17-04-15	18.50	19.27	02.34	03.12	V1072 Her - I	ven 22.49		237	45	ven 23.49	240	54	sab 00.49		241	64	69
					V691 Her - I	sab 00.38		329	62	sab 01.38	1	65	sab 02.38		33	62	335
					AK Ser - II	sab 00.47		325	27	sab 01.47	340	32	sab 02.47		358	34	268
sab 18-04-15	18.51	19.28	02.32	03.10	V1072 Her - II	sab 20.00		221	21	sab 21.00	228	29	sab 22.00		233	38	71
					V691 Her - II	sab 21.46		279	36	sab 22.46	292	47	sab 23.46		309	57	339
					AK Ser - I	sab 23.51		313	20	dom 00.51	327	28	dom 01.51		343	32	275
dom 19-04-15	18.52	19.30	02.30	03.08	AK Ser - II	dom 22.56		302	13	dom 23.56	315	22	lun 00.56		329	28	282
					V1072 Her - II	lun 00.13		241	59	lun 01.13	239	69	lun 02.13		226	78	73
					V691 Her - II	lun 01.57		16	65	lun 02.57	45	59	lun 03.57		64	50	343
lun 20-04-15	18.54	19.32	02.28	03.06	V423 Tau - I	lun 17.59		79	49	lun 18.59	90	38	lun 19.59		99	26	-266
					V1072 Her - I	lun 21.23		231	33	lun 22.23	236	42	lun 23.23		239	52	75
					V691 Her - I	lun 23.06		299	52	mar 00.06	319	60	mar 01.06		349	65	346
mar 21-04-15	18.55	19.33	02.26	03.05	V423 Tau - II	mar 18.32		86	42	mar 19.32	96	31	mar 20.32		105	20	-273
					V691 Her - II	mar 20.14		265	21	mar 21.14	275	32	mar 22.14		287	43	348
					V1187 Cyg - I	mar 21.54		226	14	mar 22.54	233	23	mar 23.54		240	32	-100

Day	Sun -12°	Sun -18°	Sun -18°	Sun -12°	Star Name	1h befor Min	Azi	Alt	Time of minimum	Azi	Alt	1h after Min	Azi	Alt	Helio Corr
					QQ Lyr - II	mar 22.14	244	19	mar 23.14	252	30	mer 00.14	261	41	11
					V1072 Her - I	mer 01.37	235	74	mer 02.37	205	81	mer 03.37	143	80	78
mer 22-04-15	18.56	19.35	02.24	03.03	V423 Tau - I	mer 19.05	92	35	mer 20.05	102	24	mer 21.05	111	13	-281
					V1072 Her - II	mer 22.47	238	47	mer 23.47	240	57	gio 00.47	240	66	80
					QQ Lyr - I	mer 23.52	258	37	gio 00.52	267	48	gio 01.52	278	59	17
					V691 Her - II	gio 00.25	332	63	gio 01.25	5	65	gio 02.25	36	61	352
gio 23-04-15	18.58	19.36	02.22	03.01	V1072 Her - I	gio 19.57	223	23	gio 20.57	229	31	gio 21.57	234	40	82
					V691 Her - I	gio 21.33	280	37	gio 22.33	293	48	gio 23.33	311	58	355
ven 24-04-15	18.59	19.38	02.20	02.59	V1187 Cyg - I	ven 22.14	230	19	ven 23.14	237	28	sab 00.14	244	38	-88
					V1072 Her - I	sab 00.10	241	62	sab 01.10	237	72	sab 02.10	217	80	84
					V473 And - II	sab 01.27	224	13	sab 02.27	232	21	sab 03.27	239	30	-396
					V691 Her - I	sab 01.44	20	64	sab 02.44	47	58	sab 03.44	65	49	358
sab 25-04-15	19.00	19.39	02.19	02.58	V1072 Her - II	sab 21.21	232	36	sab 22.21	237	45	sab 23.21	240	54	86
					V691 Her - II	sab 22.53	301	53	sab 23.53	322	61	dom 00.53	353	65	361
					V473 And - I	dom 01.32	225	14	dom 02.32	233	22	dom 03.32	240	31	-395
dom 26-04-15	19.02	19.41	02.17	02.56	V1072 Her - I	dom 18.31	214	14	dom 19.31	222	21	dom 20.31	228	29	88
					V691 Her - I	dom 20.01	266	22	dom 21.01	276	34	dom 22.01	289	44	363
					V610 Cyg - II	dom 22.32	225	12	dom 23.32	233	20	lun 00.32	240	29	-193
					V1072 Her - II	lun 01.34	231	76	lun 02.34	187	82	lun 03.34	133	78	88
					V473 And - II	lun 01.36	226	15	lun 02.36	234	23	lun 03.36	241	33	-393
lun 27-04-15	19.03	19.43	02.15	02.54	V1187 Cyg - I	lun 22.34	234	24	lun 23.34	241	33	mar 00.34	247	43	-76
					V1072 Her - I	lun 22.44	239	50	lun 23.44	241	60	mar 00.44	239	69	90
					FU Lac - II	lun 23.23	226	17	mar 00.23	233	26	mar 01.23	239	35	-233
					V691 Her - I	mar 00.12	335	64	mar 01.12	8	65	mar 02.12	39	61	366
					V473 And - I	mar 01.41	227	16	mar 02.41	235	25	mar 03.41	242	34	-392
mar 28-04-15	19.04	19.44	02.13	02.53	V1072 Her - II	mar 19.54	225	25	mar 20.54	231	34	mar 21.54	236	43	92
					V691 Her - II	mar 21.20	282	39	mar 22.20	295	49	mar 23.20	314	58	369
					QQ Lyr - II	mar 21.55	245	21	mar 22.55	254	31	mar 23.55	262	42	47
					V473 And - II	mer 01.46	229	17	mer 02.46	236	26	mer 03.46	243	36	-390
mer 29-04-15	19.06	19.46	02.11	02.51	V610 Cyg - II	mer 22.27	226	12	mer 23.27	234	21	gio 00.27	241	30	-180
					QQ Lyr - I	mer 23.34	259	39	gio 00.34	268	50	gio 01.34	280	61	52
					V1072 Her - II	gio 00.08	240	65	gio 01.08	234	74	gio 02.08	203	82	94
					V691 Her - II	gio 01.31	23	64	gio 02.31	49	57	gio 03.31	67	48	371
					V473 And - I	gio 01.50	230	18	gio 02.50	237	27	gio 03.50	244	37	-388
gio 30-04-15	19.07	19.48	02.09	02.49	V1072 Her - I	gio 21.18	234	38	gio 22.18	238	48	gio 23.18	240	57	96
					V691 Her - I	gio 22.39	303	54	gio 23.39	325	62	ven 00.39	357	65	373
					V1187 Cyg - I	gio 22.54	238	29	gio 23.54	244	38	ven 00.54	250	49	-63
					BW Peg - I	ven 01.35	268	31	ven 02.35	279	42	ven 03.35	292	53	-176
ven 01-05-15	19.09	19.49	02.07	02.48	V1072 Her - II	ven 18.28	216	16	ven 19.28	223	24	ven 20.28	230	32	97
					V691 Her - II	ven 19.48	267	24	ven 20.48	278	35	ven 21.48	290	46	375
					V1072 Her - I	sab 01.31	224	79	sab 02.31	166	82	sab 03.31	128	75	98
sab 02-05-15	19.10	19.51	02.05	02.46	V610 Cyg - II	sab 22.21	227	13	sab 23.21	234	22	dom 00.21	242	31	-167
					V1072 Her - II	sab 22.42	239	53	sab 23.42	241	62	dom 00.42	237	72	100
					V691 Her - II	sab 23.59	338	64	dom 00.59	12	65	dom 01.59	41	60	378
dom 03-05-15	19.11	19.53	02.03	02.45	V1072 Her - I	dom 19.52	227	28	dom 20.52	232	36	dom 21.52	237	45	101
					V691 Her - I	dom 21.07	283	40	dom 22.07	297	50	dom 23.07	316	59	380
					V1187 Cyg - I	dom 23.15	241	34	lun 00.15	247	44	lun 01.15	253	54	-50
lun 04-05-15	19.13	19.54	02.01	02.43	V1072 Her - I	mar 00.05	240	67	mar 01.05	230	77	mar 02.05	184	82	103
					BW Peg - II	mar 00.37	261	23	mar 01.37	271	34	mar 02.37	282	45	-150
					V691 Her - I	mar 01.18	27	63	mar 02.18	52	56	mar 03.18	69	47	382
mar 05-05-15	19.14	19.56	02.00	02.42	V1072 Her - II	mar 21.15	235	41	mar 22.15	239	50	mar 23.15	241	60	105
					QQ Lyr - II	mar 21.37	247	22	mar 22.37	255	33	mar 23.37	263	44	82
					V610 Cyg - II	mar 22.15	227	14	mar 23.15	235	23	mer 00.15	242	32	-153
					V691 Her - II	mar 22.26	305	55	mar 23.26	328	62	mer 00.26	0	65	383
					FU Lac - I	mar 23.40	232	24	mer 00.40	238	33	mer 01.40	244	43	-202
mer 06-05-15	19.15	19.58	01.58	02.40	V1072 Her - I	mer 18.25	219	18	mer 19.25	225	26	mer 20.25	231	34	106
					V691 Her - I	mer 19.34	268	25	mer 20.34	279	36	mer 21.34	292	47	385
					QQ Lyr - I	mer 23.15	261	41	gio 00.15	270	52	gio 01.15	282	63	87

Day	Sun -12°	Sun -18°	Sun -18°	Sun -12°	Star Name	1h befor Min	Azi	Alt	Time of minimum	Azi	Alt	1h after Min	Azi	Alt	Helio Corr
					V1187 Cyg - I	mer 23.35	245	39	gio 00.35	251	49	gio 01.35	256	60	-37
					V1072 Her - II	gio 01.29	213	81	gio 02.29	149	81	gio 03.29	124	73	107
gio 07-05-15	19.17	19.59	01.56	02.39	V1072 Her - I	gio 22.39	240	55	gio 23.39	240	65	ven 00.39	234	75	108
					V691 Her - I	gio 23.45	342	65	ven 00.45	16	65	ven 01.45	44	59	387
ven 08-05-15	19.18	20.01	01.54	02.37	V1072 Her - II	ven 19.49	228	30	ven 20.49	234	39	ven 21.49	238	48	110
					V691 Her - II	ven 20.54	284	41	ven 21.54	299	51	ven 22.54	319	60	388
					V610 Cyg - II	ven 22.09	228	15	ven 23.09	236	24	sab 00.09	243	33	-140
					BW Peg - I	ven 23.39	255	16	sab 00.39	264	26	sab 01.39	274	38	-124
sab 09-05-15	19.19	20.03	01.52	02.36	V1187 Cyg - I	sab 23.55	248	44	dom 00.55	254	55	dom 01.55	259	66	-24
					V1072 Her - II	dom 00.02	238	70	dom 01.02	223	79	dom 02.02	163	82	112
					V691 Her - II	dom 01.05	30	63	dom 02.05	54	55	dom 03.05	70	45	389
dom 10-05-15	19.21	20.04	01.51	02.34	V1072 Her - I	dom 21.13	236	44	dom 22.13	239	53	dom 23.13	241	63	113
					V691 Her - I	dom 22.13	307	56	dom 23.13	331	63	lun 00.13	4	65	391
lun 11-05-15	19.22	20.06	01.49	02.33	V1072 Her - II	lun 18.23	221	20	lun 19.23	227	28	lun 20.23	233	37	115
					V691 Her - II	lun 19.21	269	26	lun 20.21	280	37	lun 21.21	293	48	392
					V610 Cyg - II	lun 22.04	229	16	lun 23.04	237	25	mar 00.04	244	34	-125
					V1072 Her - I	mar 01.26	197	82	mar 02.26	138	79	mar 03.26	122	70	115
mar 12-05-15	19.24	20.08	01.47	02.31	QQ Lyr - II	mar 21.18	248	24	mar 22.18	256	34	mar 23.18	265	45	116
					V1072 Her - II	mar 22.36	240	58	mar 23.36	240	68	mer 00.36	229	77	117
					V691 Her - II	mar 23.32	345	65	mer 00.32	19	64	mer 01.32	47	58	393
					V1187 Cyg - I	mer 00.15	251	50	mer 01.15	256	61	mer 02.15	262	72	-11
					AK Ser - II	mer 00.38	349	33	mer 01.38	6	34	mer 02.38	23	31	418
mer 13-05-15	19.25	20.09	01.46	02.30	V1072 Her - I	mer 19.46	230	32	mer 20.46	235	41	mer 21.46	239	51	118
					V691 Her - I	mer 20.41	286	42	mer 21.41	300	52	mer 22.41	322	61	393
					QQ Lyr - I	mer 22.57	262	42	mer 23.57	271	53	gio 00.57	284	64	121
					AK Ser - I	mer 23.42	334	30	gio 00.42	351	34	gio 01.42	9	34	422
					FU Lac - II	mer 23.57	237	31	gio 00.57	243	41	gio 01.57	248	51	-168
gio 14-05-15	19.26	20.11	01.44	02.29	V610 Cyg - II	gio 21.58	230	17	gio 22.58	237	26	gio 23.58	244	35	-111
					AK Ser - II	gio 22.47	321	25	gio 23.47	336	31	ven 00.47	353	34	426
					V1072 Her - I	ven 00.00	236	73	ven 01.00	211	81	ven 02.00	147	81	120
					V691 Her - I	ven 00.52	33	62	ven 01.52	56	54	ven 02.52	72	44	394
ven 15-05-15	19.28	20.13	01.42	02.27	V1072 Her - II	ven 21.10	237	46	ven 22.10	240	56	ven 23.10	240	65	121
					AK Ser - I	ven 21.51	310	18	ven 22.51	323	26	ven 23.51	339	32	430
					V691 Her - II	ven 22.00	309	57	ven 23.00	334	64	sab 00.00	8	65	395
					V1187 Cyg - I	sab 00.35	254	56	sab 01.35	259	66	sab 02.35	265	78	2
sab 16-05-15	19.29	20.14	01.41	02.26	V691 Her - I	sab 19.08	271	27	sab 20.08	281	38	sab 21.08	295	49	395
					V1072 Her - II	dom 01.23	177	82	dom 02.23	130	77	dom 03.23	120	67	123
dom 17-05-15	19.30	20.16	01.39	02.25	V610 Cyg - II	dom 21.52	231	17	dom 22.52	238	27	dom 23.52	245	36	-96
					V1072 Her - I	dom 22.34	241	61	dom 23.34	238	71	lun 00.34	221	79	124
					V691 Her - I	dom 23.19	349	65	lun 00.19	23	64	lun 01.19	49	57	396
lun 18-05-15	19.31	20.17	01.38	02.24	V1072 Her - II	lun 19.44	232	35	lun 20.44	236	44	lun 21.44	240	53	125
					V691 Her - II	lun 20.27	287	43	lun 21.27	302	53	lun 22.27	325	62	396
					V1187 Cyg - I	mar 00.55	257	61	mar 01.55	262	72	mar 02.55	267	83	15
mar 19-05-15	19.33	20.19	01.36	02.23	QQ Lyr - II	mar 20.59	249	25	mar 21.59	257	36	mar 22.59	266	47	148
					V1072 Her - II	mar 23.57	233	75	mer 00.57	194	82	mer 01.57	136	79	127
					V691 Her - II	mer 00.38	36	61	mer 01.38	58	53	mer 02.38	73	43	396
mer 20-05-15	19.34	20.21	01.35	02.21	V1072 Her - I	mer 21.07	238	49	mer 22.07	241	58	mer 23.07	239	68	128
					V610 Cyg - II	mer 21.46	231	18	mer 22.46	239	28	mer 23.46	246	37	-81
					V691 Her - I	mer 21.47	311	57	mer 22.47	338	64	mer 23.47	11	65	396
					QQ Lyr - I	mer 22.38	263	44	mer 23.38	273	55	gio 00.38	286	66	153
gio 21-05-15	19.35	20.22	01.33	02.20	V691 Her - II	gio 18.55	272	28	gio 19.55	283	40	gio 20.55	297	50	396
					FU Lac - I	ven 00.14	242	39	ven 01.14	247	49	ven 02.14	252	60	-131
					V1187 Cyg - I	ven 01.15	260	67	ven 02.15	265	78	ven 03.15	273	89	28
ven 22-05-15	19.36	20.24	01.32	02.19	V1072 Her - II	ven 22.31	241	64	ven 23.31	236	73	sab 00.31	209	81	130
					V691 Her - II	ven 23.06	353	65	sab 00.06	26	63	sab 01.06	51	56	396
sab 23-05-15	19.38	20.25	01.30	02.18	V1072 Her - I	sab 19.41	233	37	sab 20.41	237	47	sab 21.41	240	56	131

Day	Sun -12°	Sun -18°	Sun -18°	Sun -12°	Star Name	1h befor Min	Azi	Alt	Time of minimum	Azi	Alt	1h after Min	Azi	Alt	Helio Corr
					V691 Her - I	sab 20.14	288	44	sab 21.14	304	54	sab 22.14	328	62	396
					V610 Cyg - II	sab 21.41	232	19	sab 22.41	239	28	sab 23.41	246	38	-65
					BW Peg - II	dom 00.47	275	39	dom 01.47	288	50	dom 02.47	305	60	-19
dom 24-05-15	19.39	20.27	01.29	02.17	V1072 Her - I	dom 23.55	227	78	dom 00.55	174	82	dom 01.55	129	76	133
					V691 Her - I	dom 00.25	39	61	dom 01.25	60	52	dom 02.25	75	42	396
lun 25-05-15	19.40	20.28	01.28	02.16	V1187 Cyg - II	lun 19.41	226	15	lun 20.41	234	23	lun 21.41	240	32	45
					V1072 Her - II	lun 21.05	239	52	lun 22.05	241	61	lun 23.05	238	71	133
					V691 Her - II	lun 21.34	314	58	lun 22.34	341	64	lun 23.34	15	65	395
mar 26-05-15	19.41	20.30	01.27	02.15	V691 Her - I	mar 18.42	273	30	mar 19.42	284	41	mar 20.42	298	51	395
					QQ Lyr - II	mar 20.40	250	27	mar 21.40	258	38	mar 22.40	267	49	178
					V610 Cyg - II	mar 21.35	233	20	mar 22.35	240	29	mar 23.35	247	39	-50
mer 27-05-15	19.42	20.31	01.25	02.14	QQ Lyr - I	mer 22.20	265	46	mer 23.20	275	57	gio 00.20	289	68	183
					V1072 Her - I	mer 22.28	240	66	mer 23.28	232	76	gio 00.28	191	82	136
					V691 Her - I	mer 22.53	356	65	mer 23.53	29	63	gio 00.53	53	55	394
					V473 And - II	mer 23.12	223	12	gio 00.12	231	20	gio 01.12	238	29	-296
					BW Peg - I	mer 23.50	268	31	gio 00.50	279	42	gio 01.50	292	53	9
gio 28-05-15	19.43	20.33	01.24	02.14	V1072 Her - II	gio 19.38	234	40	gio 20.38	238	49	gio 21.38	241	59	136
					V1187 Cyg - II	gio 20.01	230	19	gio 21.01	237	28	gio 22.01	244	38	57
					V691 Her - II	gio 20.01	290	46	gio 21.01	306	55	gio 22.01	331	63	393
					FU Lac - I	gio 21.03	223	15	gio 22.03	231	23	gio 23.03	237	32	-97
					V473 And - I	gio 23.17	225	13	ven 00.17	232	21	ven 01.17	239	31	-291
ven 29-05-15	19.45	20.34	01.23	02.13	V610 Cyg - II	ven 21.29	234	21	ven 22.29	241	30	ven 23.29	247	40	-34
					V473 And - II	ven 23.22	226	14	sab 00.22	233	23	sab 01.22	240	32	-286
					V1072 Her - II	ven 23.52	218	80	sab 00.52	155	81	sab 01.52	125	74	138
					V691 Her - II	sab 00.12	41	60	sab 01.12	62	51	sab 02.12	76	41	392
					FU Lac - II	sab 00.31	246	47	sab 01.31	251	57	sab 02.31	255	68	-91
sab 30-05-15	19.46	20.36	01.22	02.12	V1072 Her - I	sab 21.02	240	54	sab 22.02	241	64	sab 23.02	235	74	138
					V691 Her - I	sab 21.20	316	59	sab 22.20	345	65	sab 23.20	19	64	391
					V473 And - I	sab 23.26	227	15	dom 00.26	234	24	dom 01.26	241	33	-281
dom 31-05-15	19.47	20.37	01.21	02.11	V1187 Cyg - II	dom 20.21	234	24	dom 21.21	241	33	dom 22.21	247	43	70
					BW Peg - II	dom 22.52	261	23	dom 23.52	271	34	lun 00.52	282	46	37
					V473 And - II	dom 23.31	228	17	lun 00.31	235	25	lun 01.31	242	35	-276
lun 01-06-15	19.48	20.38	01.20	02.11	V610 Cyg - II	lun 21.23	234	22	lun 22.23	242	31	lun 23.23	248	42	-18
					V1072 Her - II	lun 22.26	239	69	lun 23.26	226	78	mar 00.26	171	82	140
					V691 Her - II	lun 22.40	0	65	lun 23.40	32	62	mar 00.40	56	54	389
					V473 And - I	lun 23.36	229	18	mar 00.36	236	27	mar 01.36	243	36	-271
mar 02-06-15	19.49	20.40	01.19	02.10	V1072 Her - I	mar 19.36	236	43	mar 20.36	239	52	mar 21.36	241	62	141
					V691 Her - I	mar 19.48	291	47	mar 20.48	309	56	mar 21.48	334	63	387
					QQ Lyr - II	mar 20.21	251	28	mar 21.21	260	39	mar 22.21	269	50	206
					V473 And - II	mar 23.40	230	19	mer 00.40	237	28	mer 01.40	244	38	-266
mer 03-06-15	19.50	20.41	01.18	02.09	V1187 Cyg - II	mer 20.41	238	29	mer 21.41	244	38	mer 22.41	250	49	83
					QQ Lyr - I	mer 22.01	266	47	mer 23.01	276	58	gio 00.01	292	69	210
					V473 And - I	mer 23.45	231	20	gio 00.45	238	29	gio 01.45	245	39	-261
					V1072 Her - I	mer 23.49	204	82	gio 00.49	141	80	gio 01.49	122	71	142
					V691 Her - I	mer 23.59	44	59	gio 00.59	63	50	gio 01.59	77	40	386
gio 04-06-15	19.51	20.42	01.17	02.09	V1072 Her - II	gio 20.59	240	57	gio 21.59	240	67	gio 22.59	231	76	142
					V691 Her - II	gio 21.07	319	60	gio 22.07	348	65	gio 23.07	22	64	384
					V610 Cyg - II	gio 21.17	235	23	gio 22.17	242	32	gio 23.17	249	43	-2
					BW Peg - I	gio 21.54	255	16	gio 22.54	264	27	gio 23.54	274	38	65
					V473 And - II	gio 23.50	232	21	ven 00.50	239	31	ven 01.50	246	41	-256
ven 05-06-15	19.51	20.43	01.16	02.08	FU Lac - II	ven 21.20	229	21	ven 22.20	236	30	ven 23.20	242	40	-56
					V473 And - I	ven 23.55	233	23	sab 00.55	240	32	sab 01.55	247	42	-250
sab 06-06-15	19.52	20.44	01.16	02.08	V1187 Cyg - II	sab 21.01	241	34	sab 22.01	247	44	sab 23.01	253	54	95
					V1072 Her - I	sab 22.23	237	72	sab 23.23	216	80	dom 00.23	153	81	144
					V691 Her - I	sab 22.27	4	65	sab 23.27	35	62	dom 00.27	58	53	381
					V473 And - II	sab 23.59	234	24	dom 00.59	241	34	dom 01.59	248	44	-245
					AK Ser - II	dom 00.29	15	33	dom 01.29	31	29	dom 02.29	45	22	494
					FU Lac - I	dom 00.48	250	55	dom 01.48	254	66	dom 02.48	256	77	-50

	Sun	Sun	Sun	Sun					Time of			Helio					
Day	-12°	-18°	-18°	-12°	Star Name	1h befor	Min	Azi	Alt	minimum	Azi	Alt	1h after	Min	Azi	Alt	Corr
dom 07-06-15	19.53	20.45	01.15	02.07	V1072 Her - II	dom 19.33		237	45	dom 20.33	240	55	dom 21.33		240	64	144
					V691 Her - II	dom 19.35		293	48	dom 20.35	311	57	dom 21.35		337	64	379
					V610 Cyg - II	dom 21.12		236	24	dom 22.12	243	33	dom 23.12		249	44	13
					AK Ser - I	dom 23.33		360	34	lun 00.33	17	33	lun 01.33		33	28	495
					V473 And - I	lun 00.04		235	25	lun 01.04	242	35	lun 02.04		248	45	-239