

Day	Sun	Sun	Sun	Sun	Star Name	1h befor	Min	Azi	Alt	Time of			1h after	Min	Azi	Alt	Helio	Corr
	-12°	-18°	-18°	-12°						minimum	Azi	Alt						
mar 26-03-13	18.22	18.56	03.17	03.51	V423 Tau - I	mar 18.45	123	66		mar 19.45	122	57	mar 20.45	124	47		-58	
					V1072 Her - I	mar 20.58	218	17		mar 21.58	225	25	mar 22.58	230	33		17	
					V691 Her - I	mar 20.59	256	11		mar 21.59	266	22	mar 22.59	276	33		236	
					G1518.0913 Her - II	mar 21.03	253	14		mar 22.03	262	25	mar 23.03	272	36		221	
					V1106 Her - I	mar 22.28	246	12		mar 23.28	255	23	mer 00.28	264	34		10	
					G1518.0913 Her - I	mer 00.54	296	56		mer 01.54	318	65	mer 02.54	353	70		222	
					V1106 Her - II	mer 01.31	275	46		mer 02.31	287	57	mer 03.31	307	67		11	
mer 27-03-13	18.24	18.58	03.15	03.49	V1106 Her - I	mer 22.55	251	18		mer 23.55	260	28	gio 00.55	269	40		16	
					G1518.0913 Her - I	gio 00.02	284	47		gio 01.02	300	58	gio 02.02	324	66		227	
					V691 Her - I	gio 01.10	309	56		gio 02.10	334	63	gio 03.10	8	65		243	
					V1072 Her - I	gio 01.11	240	54		gio 02.11	241	64	gio 03.11	235	73		20	
					V1106 Her - II	gio 01.58	281	51		gio 02.58	296	62	gio 03.58	322	71		17	
gio 28-03-13	18.25	18.59	03.13	03.47	V423 Tau - I	gio 19.51	123	55		gio 20.51	125	45	gio 21.51	129	36		-74	
					V691 Her - II	gio 22.19	270	27		gio 23.19	281	38	ven 00.19	295	49		247	
					V1072 Her - II	gio 22.21	228	29		gio 23.21	233	38	ven 00.21	237	47		23	
					G1518.0913 Her - I	gio 23.09	275	38		ven 00.09	287	49	ven 01.09	303	60		231	
					V1106 Her - I	gio 23.21	255	23		ven 00.21	264	34	ven 01.21	274	45		22	
					V1106 Her - II	ven 02.24	288	57		ven 03.24	307	67	ven 04.24	343	73		23	
ven 29-03-13	18.26	19.00	03.11	03.45	CQ Ori - I	ven 18.55	52	52		ven 19.55	68	42	ven 20.55	81	31		-30	
					G1518.0913 Her - I	ven 22.17	266	29		ven 23.17	277	41	sab 00.17	289	51		236	
					DT Cam - I	ven 22.31	142	28		ven 23.31	148	22	sab 00.31	155	17		-122	
					V1106 Her - I	ven 23.48	260	29		sab 00.48	269	40	sab 01.48	280	51		28	
					G1518.0913 Her - II	sab 02.08	331	68		sab 03.08	10	69	sab 04.08	43	64		237	
					V691 Her - II	sab 02.30	349	65		sab 03.30	23	64	sab 04.30	49	57		254	
					V1072 Her - II	sab 02.35	239	69		sab 03.35	226	78	sab 04.35	171	82		25	
sab 30-03-13	18.27	19.02	03.09	03.43	V423 Tau - I	sab 20.57	126	43		sab 21.57	131	34	sab 22.57	136	26		-89	
					G1518.0913 Her - I	sab 21.25	259	20		sab 22.25	268	32	sab 23.25	279	43		241	
					V691 Her - I	sab 23.38	287	43		dom 00.38	302	53	dom 01.38	324	62		258	
					V1072 Her - I	sab 23.45	236	42		dom 00.45	239	52	dom 01.45	241	62		28	
					V1106 Her - I	dom 00.14	264	34		dom 01.14	274	45	dom 02.14	287	56		33	
					G1518.0913 Her - II	dom 01.16	309	62		dom 02.16	338	68	dom 03.16	17	69		242	
					QQ Lyr - I	dom 02.39	270	52		dom 03.39	282	63	dom 04.39	302	73		-96	
dom 31-03-13	18.29	19.03	03.07	03.42	G1518.0913 Her - I	dom 20.32	251	12		dom 21.32	261	23	dom 22.32	270	34		245	
					V691 Her - II	dom 20.46	257	12		dom 21.46	267	23	dom 22.46	277	35		263	
					V1072 Her - II	dom 20.55	220	19		dom 21.55	226	27	dom 22.55	232	36		30	
					QQ Lyr - II	dom 23.36	244	20		lun 00.36	253	30	lun 01.36	261	41		-92	
					G1518.0913 Her - II	lun 00.23	293	54		lun 01.23	313	63	lun 02.23	345	69		246	
					V1106 Her - I	lun 00.41	269	40		lun 01.41	280	51	lun 02.41	296	62		39	
					AK Ser - I	lun 02.35	336	31		lun 03.35	353	34	lun 04.35	10	34		141	
lun 01-04-13	18.30	19.04	03.05	03.40	V423 Tau - I	lun 22.03	132	32		lun 23.03	138	24	mar 00.03	144	17		-104	
					V1106 Her - II	lun 22.04	246	12		lun 23.04	255	23	mar 00.04	264	34		44	
					G1518.0913 Her - II	lun 23.31	282	45		mar 00.31	296	56	mar 01.31	318	65		251	
					V691 Her - II	mar 00.57	311	57		mar 01.57	338	64	mar 02.57	11	65		269	
					V1106 Her - I	mar 01.07	275	45		mar 02.07	287	56	mar 03.07	307	66		45	
					V1072 Her - II	mar 01.09	240	57		mar 02.09	240	67	mar 03.09	231	76		33	
					AK Ser - II	mar 01.40	323	26		mar 02.40	338	31	mar 03.40	355	34		149	
mar 02-04-13	18.31	19.06	03.03	03.38	V691 Her - I	mar 22.05	272	28		mar 23.05	283	39	mer 00.05	296	50		273	
					V1072 Her - I	mar 22.19	229	31		mar 23.19	235	40	mer 00.19	238	50		35	
					V1106 Her - II	mar 22.30	251	17		mar 23.30	260	28	mer 00.30	269	39		50	
					G1518.0913 Her - II	mar 22.39	273	36		mar 23.39	284	47	mer 00.39	300	58		255	
					AK Ser - I	mer 00.44	311	19		mer 01.44	325	27	mer 02.44	340	32		157	
					V1106 Her - I	mer 01.34	280	51		mer 02.34	296	62	mer 03.34	322	71		50	
					G1518.0913 Her - I	mer 02.30	355	70		mer 03.30	32	67	mer 04.30	58	59		256	
mer 03-04-13	18.32	19.07	03.01	03.36	G1518.0913 Her - II	mer 21.46	265	27		mer 22.46	275	38	mer 23.46	287	49		260	
					V1106 Her - II	mer 22.57	255	23		mer 23.57	264	34	gio 00.57	274	45		55	
					AK Ser - II	mer 23.48	301	11		gio 00.48	313	20	gio 01.48	327	28		165	
					G1518.0913 Her - I	gio 01.38	325	66		gio 02.38	2	70	gio 03.38	38	66		260	
					V1106 Her - I	gio 02.00	287	57		gio 03.00	307	67	gio 04.00	342	73		56	
					V691 Her - I	gio 02.16	353	65		gio 03.16	26	63	gio 04.16	51	56		279	
					V1072 Her - I	gio 02.32	237	72		gio 03.32	216	80	gio 04.32	153	81		38	
gio 04-04-13	18.34	19.09	02.59	03.34	G1518.0913 Her - II	gio 20.54	257	18		gio 21.54	266	29	gio 22.54	277	41		264	
					V1106 Her - II	gio 23.23	260	28		ven 00.23	269	40	ven 01.23	280	51		61	
					V691 Her - II	gio 23.25	288	44		ven 00.25	304	54	ven 01.25	327	62		283	
					V1072 Her - II	gio 23.42	237	45		ven 00.42	240	55	ven 01.42	241	64		40	

Day	Sun	Sun	Sun	Sun	Star Name	1h befor	Min	Azi	Alt	Time of			1h after	Min	Azi	Alt	Helio	
	-12°	-18°	-18°	-12°						minimum	Azi	Alt						Corr
					G1518.0913 Her - I	ven	00.45	305	60	ven	01.45	332	68	ven	02.45	10	69	265
					V1106 Her - I	ven	02.26	296	62	ven	03.26	322	71	ven	04.26	7	74	62
ven 05-04-13	18.35	19.10	02.57	03.32	G1518.0913 Her - II	ven	20.02	250	10	ven	21.02	259	21	ven	22.02	268	32	268
					V691 Her - I	ven	20.33	258	13	ven	21.33	268	25	ven	22.33	279	36	287
					V1072 Her - I	ven	20.52	222	22	ven	21.52	228	29	ven	22.52	233	38	42
					V1187 Cyg - I	ven	22.49	225	14	ven	23.49	233	22	sab	00.49	240	31	-158
					V1106 Her - II	ven	23.50	264	34	sab	00.50	274	45	sab	01.50	287	56	67
					G1518.0913 Her - I	ven	23.53	290	52	sab	00.53	309	62	sab	01.53	338	68	269
					FU Lac - I	sab	00.16	221	13	sab	01.16	229	21	sab	02.16	236	30	-292
sab 06-04-13	18.36	19.11	02.55	03.31	G1518.0913 Her - I	sab	23.00	280	43	dom	00.00	293	54	dom	01.00	313	63	273
					V1106 Her - II	dom	00.16	269	40	dom	01.16	280	51	dom	02.16	295	61	72
					V691 Her - I	dom	00.44	314	58	dom	01.44	341	64	dom	02.44	15	65	292
					V1072 Her - I	dom	01.06	241	60	dom	02.06	239	69	dom	03.06	225	78	45
					QQ Lyr - I	dom	02.20	271	53	dom	03.20	284	64	dom	04.20	307	74	-62
dom 07-04-13	18.37	19.13	02.53	03.29	V1106 Her - I	dom	21.39	246	12	dom	22.39	255	23	dom	23.39	264	34	77
					V691 Her - II	dom	21.52	273	30	dom	22.52	284	41	dom	23.52	298	51	296
					G1518.0913 Her - I	dom	22.08	271	34	dom	23.08	282	45	lun	00.08	296	56	277
					V1072 Her - II	dom	22.16	231	34	dom	23.16	236	43	lun	00.16	239	52	47
					QQ Lyr - II	dom	23.17	246	21	lun	00.17	254	31	lun	01.17	262	42	-57
					V1106 Her - II	lun	00.43	274	45	lun	01.43	287	56	lun	02.43	306	66	78
					G1518.0913 Her - II	lun	01.59	347	69	lun	02.59	26	68	lun	03.59	54	61	278
lun 08-04-13	18.39	19.14	02.51	03.27	V423 Tau - I	lun	17.44	124	68	lun	18.44	122	58	lun	19.44	124	49	-154
					G1518.0913 Her - I	lun	21.16	263	25	lun	22.16	273	36	lun	23.16	284	47	281
					V1106 Her - I	lun	22.06	251	17	lun	23.06	259	28	mar	00.06	269	39	83
					V1187 Cyg - I	lun	23.09	229	18	mar	00.09	237	27	mar	01.09	243	37	-148
					G1518.0913 Her - II	mar	01.07	320	65	mar	02.07	355	70	mar	03.07	33	67	282
					V1106 Her - II	mar	01.09	280	51	mar	02.09	296	62	mar	03.09	321	70	83
					V691 Her - II	mar	02.03	356	65	mar	03.03	29	63	mar	04.03	53	55	302
mar 09-04-13	18.40	19.16	02.49	03.25	CQ Ori - I	mar	17.59	48	53	mar	18.59	65	44	mar	19.59	78	34	-122
					G1518.0913 Her - I	mar	20.23	255	16	mar	21.23	265	27	mar	22.23	275	39	285
					V1106 Her - I	mar	22.32	255	23	mar	23.32	264	34	mer	00.32	274	45	88
					V691 Her - I	mar	23.12	290	45	mer	00.12	306	55	mer	01.12	331	63	305
					V1072 Her - I	mar	23.40	238	48	mer	00.40	240	57	mer	01.40	240	67	52
					G1518.0913 Her - II	mer	00.14	301	58	mer	01.14	326	66	mer	02.14	3	70	286
					V1106 Her - II	mer	01.36	287	56	mer	02.36	307	66	mer	03.36	342	73	89
mer 10-04-13	18.41	19.17	02.47	03.23	V423 Tau - I	mer	18.50	122	56	mer	19.50	125	47	mer	20.50	129	38	-169
					V691 Her - II	mer	20.20	260	15	mer	21.20	269	26	mer	22.20	280	37	309
					V1072 Her - II	mer	20.50	224	24	mer	21.50	230	32	mer	22.50	235	41	54
					V1106 Her - I	mer	22.59	260	28	mer	23.59	269	39	gio	00.59	280	51	94
					G1518.0913 Her - II	mer	23.22	288	50	gio	00.22	305	60	gio	01.22	332	68	290
					BW Peg - II	gio	01.46	258	19	gio	02.46	267	30	gio	03.46	278	41	-289
					V556 Lyr - II	gio	02.01	264	54	gio	03.01	273	65	gio	04.01	290	76	-53
					V1106 Her - II	gio	02.02	296	62	gio	03.02	322	71	gio	04.02	6	74	94
gio 11-04-13	18.42	19.19	02.45	03.22	G1518.0913 Her - II	gio	22.30	277	41	gio	23.30	290	52	ven	00.30	309	62	294
					V1106 Her - I	gio	23.25	264	34	ven	00.25	274	45	ven	01.25	287	56	99
					V1187 Cyg - I	gio	23.30	233	23	ven	00.30	240	32	ven	01.30	246	42	-137
					V691 Her - II	ven	00.31	316	59	ven	01.31	345	65	ven	02.31	18	64	314
					V1072 Her - II	ven	01.03	241	62	ven	02.03	237	72	ven	03.03	215	80	57
					G1518.0913 Her - I	ven	02.21	12	69	ven	03.21	45	64	ven	04.21	66	55	294
ven 12-04-13	18.44	19.20	02.43	03.20	V423 Tau - I	ven	19.56	126	45	ven	20.56	130	36	ven	21.56	135	27	-183
					G1518.0913 Her - II	ven	21.37	269	32	ven	22.37	280	43	ven	23.37	293	54	297
					V691 Her - I	ven	21.39	274	31	ven	22.39	285	42	ven	23.39	300	52	318
					V1072 Her - I	ven	22.13	232	36	ven	23.13	237	45	sab	00.13	240	55	59
					V1106 Her - I	ven	23.52	269	40	sab	00.52	280	51	sab	01.52	295	61	104
					G1518.0913 Her - I	sab	01.29	340	69	sab	02.29	20	69	sab	03.29	50	62	298
sab 13-04-13	18.45	19.22	02.41	03.18	V1072 Her - II	sab	19.24	215	15	sab	20.24	222	22	sab	21.24	228	30	61
					G1518.0913 Her - II	sab	20.45	261	23	sab	21.45	271	34	sab	22.45	282	45	301
					V1106 Her - II	sab	21.15	246	12	sab	22.15	255	22	sab	23.15	264	33	109
					V1106 Her - I	dom	00.18	274	45	dom	01.18	287	56	dom	02.18	306	66	110
					FU Lac - II	dom	00.33	228	19	dom	01.33	235	28	dom	02.33	241	38	-274
					G1518.0913 Her - I	dom	00.36	315	64	dom	01.36	348	69	dom	02.36	26	68	302
					V556 Lyr - II	dom	01.32	261	51	dom	02.32	270	62	dom	03.32	284	73	-40
					V691 Her - I	dom	01.50	360	65	dom	02.50	32	62	dom	03.50	55	55	322
					QQ Lyr - I	dom	02.01	273	55	dom	03.01	286	66	dom	04.01	312	76	-26

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
dom 14-04-13	18.46	19.23	02.39	03.16	G1518.0913 Her - II	dom 19.53	254	14		dom 20.53	263	25	dom 21.53	273	37	304	
					V423 Tau - I	dom 21.03	131	34		dom 22.03	137	26	dom 23.03	143	18	-197	
					V1106 Her - II	dom 21.41	250	17		dom 22.41	259	28	dom 23.41	269	39	115	
					V691 Her - II	dom 22.58	291	47		dom 23.58	309	56	lun 00.58	334	63	326	
					QQ Lyr - II	dom 22.58	247	22		dom 23.58	255	33	lun 00.58	263	44	-22	
					V1072 Her - II	dom 23.37	239	50		lun 00.37	241	60	lun 01.37	239	70	63	
					G1518.0913 Her - I	dom 23.44	297	56		lun 00.44	320	65	lun 01.44	355	70	305	
					V1187 Cyg - I	dom 23.50	237	28		lun 00.50	244	37	lun 01.50	250	48	-125	
					V1106 Her - I	lun 00.45	280	51		lun 01.45	295	61	lun 02.45	321	70	115	
					BW Peg - I	lun 00.48	251	11		lun 01.48	260	22	lun 02.48	270	33	-268	
lun 15-04-13	18.48	19.25	02.37	03.14	V691 Her - I	lun 20.07	261	16		lun 21.07	270	27	lun 22.07	281	38	329	
					V1072 Her - I	lun 20.47	225	26		lun 21.47	231	34	lun 22.47	236	43	65	
					V1106 Her - II	lun 22.08	255	23		lun 23.08	264	34	mar 00.08	274	45	120	
					G1518.0913 Her - I	lun 22.51	285	48		lun 23.51	301	58	mar 00.51	326	67	309	
					V1106 Her - I	mar 01.11	287	56		mar 02.11	306	66	mar 03.11	341	73	121	
mar 16-04-13	18.49	19.26	02.35	03.13	G1518.0913 Her - I	mar 21.59	275	39		mar 22.59	288	50	mar 23.59	305	60	312	
					V1106 Her - II	mar 22.34	259	28		mar 23.34	269	39	mer 00.34	280	50	125	
					V691 Her - I	mer 00.18	319	60		mer 01.18	348	65	mer 02.18	22	64	334	
					V1072 Her - I	mer 01.01	240	65		mer 02.01	234	75	mer 03.01	199	82	68	
					V556 Lyr - II	mer 01.04	259	48		mer 02.04	268	59	mer 03.04	279	70	-26	
					V1106 Her - I	mer 01.38	296	62		mer 02.38	321	70	mer 03.38	5	74	126	
					G1518.0913 Her - II	mer 01.50	5	70		mer 02.50	40	65	mer 03.50	63	56	312	
mer 17-04-13	18.50	19.28	02.33	03.11	G1518.0913 Her - I	mer 21.07	267	30		mer 22.07	278	41	mer 23.07	290	52	315	
					V691 Her - II	mer 21.26	275	32		mer 22.26	287	43	mer 23.26	302	53	337	
					V1072 Her - II	mer 22.11	234	39		mer 23.11	238	48	gio 00.11	240	58	70	
					V1106 Her - II	mer 23.01	264	34		gio 00.01	274	45	gio 01.01	286	56	131	
					V1187 Cyg - I	gio 00.10	241	33		gio 01.10	247	43	gio 02.10	253	53	-114	
					G1518.0913 Her - II	gio 00.58	334	68		gio 01.58	13	69	gio 02.58	45	64	316	
					V1106 Her - I	gio 02.04	307	66		gio 03.04	342	73	gio 04.04	28	72	131	
gio 18-04-13	18.52	19.29	02.31	03.09	V1072 Her - I	gio 19.21	217	17		gio 20.21	224	24	gio 21.21	230	32	72	
					G1518.0913 Her - I	gio 20.14	259	21		gio 21.14	269	32	gio 22.14	280	43	318	
					V1106 Her - II	gio 23.27	269	39		ven 00.27	280	51	ven 01.27	295	61	136	
					G1518.0913 Her - II	ven 00.05	310	62		ven 01.05	341	69	ven 02.05	20	69	319	
					V691 Her - II	ven 01.37	4	65		ven 02.37	35	62	ven 03.37	57	54	341	
ven 19-04-13	18.53	19.31	02.29	03.07	G1518.0913 Her - I	ven 19.22	252	12		ven 20.22	261	23	ven 21.22	271	34	321	
					V1106 Her - I	ven 20.51	246	12		ven 21.51	255	22	ven 22.51	264	33	140	
					V691 Her - I	ven 22.45	293	48		ven 23.45	311	57	sab 00.45	337	64	344	
					G1518.0913 Her - II	ven 23.13	294	55		sab 00.13	315	64	sab 01.13	348	69	322	
					V1072 Her - I	ven 23.34	240	53		sab 00.34	241	63	sab 01.34	236	72	74	
					V1106 Her - II	ven 23.54	274	45		sab 00.54	287	56	sab 01.54	306	66	141	
					V556 Lyr - II	sab 00.36	257	45		sab 01.36	265	56	sab 02.36	275	67	-12	
sab 20-04-13	18.54	19.32	02.27	03.06	V691 Her - II	sab 19.53	262	17		sab 20.53	271	28	sab 21.53	282	39	347	
					V1072 Her - II	sab 20.45	227	28		sab 21.45	233	37	sab 22.45	237	46	76	
					V1106 Her - I	sab 21.17	250	17		sab 22.17	259	28	sab 23.17	268	39	145	
					G1518.0913 Her - II	sab 22.21	283	46		sab 23.21	298	57	dom 00.21	320	65	325	
					V1106 Her - II	dom 00.20	280	51		dom 01.20	295	61	dom 02.20	320	70	146	
					V1187 Cyg - I	dom 00.30	244	38		dom 01.30	250	48	dom 02.30	256	59	-102	
					QQ Lyr - I	dom 01.42	274	56		dom 02.42	289	67	dom 03.42	318	77	9	
dom 21-04-13	18.56	19.34	02.25	03.04	G1518.0913 Her - II	dom 21.28	273	37		dom 22.28	285	48	dom 23.28	301	58	328	
					V1106 Her - I	dom 21.43	255	22		dom 22.43	264	33	dom 23.43	274	45	151	
					QQ Lyr - II	dom 22.40	248	24		dom 23.40	256	35	lun 00.40	265	46	14	
					V691 Her - II	lun 00.05	321	61		lun 01.05	352	65	lun 02.05	25	64	351	
					V1106 Her - II	lun 00.47	287	56		lun 01.47	306	66	lun 02.47	340	73	151	
					FU Lac - I	lun 00.50	233	26		lun 01.50	240	36	lun 02.50	246	46	-251	
					V1072 Her - II	lun 00.58	240	68		lun 01.58	229	77	lun 02.58	179	82	79	
					G1518.0913 Her - I	lun 01.20	358	70		lun 02.20	35	66	lun 03.20	59	58	328	
lun 22-04-13	18.57	19.35	02.23	03.02	G1518.0913 Her - II	lun 20.36	265	28		lun 21.36	275	39	lun 22.36	288	50	331	
					V691 Her - I	lun 21.13	276	33		lun 22.13	288	44	lun 23.13	304	54	353	
					V1072 Her - I	lun 22.08	235	41		lun 23.08	239	51	mar 00.08	241	61	81	
					V1106 Her - I	lun 22.10	259	28		lun 23.10	269	39	mar 00.10	279	50	156	
					V556 Lyr - II	mar 00.07	255	42		mar 01.07	263	53	mar 02.07	272	64	2	
					G1518.0913 Her - I	mar 00.27	328	67		mar 01.27	5	70	mar 02.27	40	65	331	
					V1106 Her - II	mar 01.13	295	61		mar 02.13	321	70	mar 03.13	5	74	156	

Day	Sun	Sun	Sun	Sun	Star Name	1h befor	Min	Azi	Alt	Time of			1h after	Min	Azi	Alt	Helio	Corr
	-12°	-18°	-18°	-12°						minimum	Azi	Alt						
mar 23-04-13	18.58	19.37	02.21	03.00	V1072 Her - II	mar 19.18	219	19		mar 20.18	226	26	mar 21.18	231	35		83	
					G1518.0913 Her - II	mar 19.43	258	19		mar 20.43	267	30	mar 21.43	278	41		333	
					V1106 Her - I	mar 22.36	264	34		mar 23.36	274	45	mer 00.36	286	56		161	
					G1518.0913 Her - I	mar 23.35	306	61		mer 00.35	334	68	mer 01.35	13	69		334	
					V1187 Cyg - I	mer 00.50	247	43		mer 01.50	253	54	mer 02.50	258	65		-90	
					V691 Her - I	mer 01.24	7	65		mer 02.24	38	61	mer 03.24	59	52		357	
					V1106 Her - II	mer 01.40	306	66		mer 02.40	341	73	mer 03.40	28	72		161	
mer 24-04-13	19.00	19.39	02.20	02.59	G1518.0913 Her - II	mer 18.51	250	11		mer 19.51	260	21	mer 20.51	269	32		336	
					V691 Her - II	mer 22.32	295	49		mer 23.32	313	58	gio 00.32	340	64		359	
					G1518.0913 Her - I	mer 22.42	291	53		mer 23.42	310	62	gio 00.42	341	69		337	
					V1106 Her - I	mer 23.03	269	39		gio 00.03	280	50	gio 01.03	295	61		166	
					V1072 Her - II	mer 23.32	240	56		gio 00.32	240	66	gio 01.32	233	75		85	
gio 25-04-13	19.01	19.40	02.18	02.57	V423 Tau - I	gio 18.56	125	46		gio 19.56	129	37	gio 20.56	134	29		-268	
					V691 Her - I	gio 19.40	263	18		gio 20.40	273	29	gio 21.40	284	40		362	
					V1106 Her - II	gio 20.26	246	12		gio 21.26	255	22	gio 22.26	264	33		170	
					V1072 Her - I	gio 20.42	229	31		gio 21.42	234	39	gio 22.42	238	49		87	
					G1518.0913 Her - I	gio 21.50	280	44		gio 22.50	294	55	gio 23.50	315	64		339	
					V1106 Her - I	gio 23.29	274	45		ven 00.29	286	56	ven 01.29	305	66		171	
					V556 Lyr - II	gio 23.39	253	39		ven 00.39	261	50	ven 01.39	269	61		16	
					G1518.0913 Her - II	ven 01.41	22	68		ven 02.41	51	62	ven 03.41	70	52		339	
ven 26-04-13	19.02	19.42	02.16	02.55	V1106 Her - II	ven 20.53	250	17		ven 21.53	259	28	ven 22.53	268	39		175	
					G1518.0913 Her - I	ven 20.58	271	35		ven 21.58	283	46	ven 22.58	298	57		342	
					V691 Her - I	ven 23.51	324	61		sab 00.51	356	65	sab 01.51	28	63		365	
					V1106 Her - I	ven 23.56	280	51		sab 00.56	295	61	sab 01.56	320	70		175	
					G1518.0913 Her - II	sab 00.49	350	69		sab 01.49	29	68	sab 02.49	56	60		342	
					V1072 Her - I	sab 00.55	238	71		sab 01.55	220	79	sab 02.55	159	82		89	
					V1187 Cyg - I	sab 01.10	250	49		sab 02.10	256	60	sab 03.10	261	71		-77	
					AK Ser - II	sab 01.31	346	33		sab 02.31	4	34	sab 03.31	21	32		332	
sab 27-04-13	19.04	19.43	02.14	02.54	V423 Tau - I	sab 20.02	130	35		sab 21.02	136	27	sab 22.02	142	20		-280	
					G1518.0913 Her - I	sab 20.05	264	26		sab 21.05	273	37	sab 22.05	285	48		344	
					V691 Her - II	sab 21.00	277	34		sab 22.00	290	45	sab 23.00	306	55		367	
					V1106 Her - II	sab 21.19	255	22		sab 22.19	264	33	sab 23.19	274	44		180	
					V1072 Her - II	sab 22.06	236	44		sab 23.06	240	54	dom 00.06	241	63		91	
					G1518.0913 Her - II	sab 23.56	322	66		dom 00.56	358	70	dom 01.56	35	66		344	
					V1106 Her - I	dom 00.22	287	56		dom 01.22	306	66	dom 02.22	340	73		180	
					AK Ser - I	dom 00.35	332	30		dom 01.35	349	33	dom 02.35	6	34		338	
					QQ Lyr - I	dom 01.23	276	58		dom 02.23	292	69	dom 03.23	325	78		45	
dom 28-04-13	19.05	19.45	02.12	02.52	G1518.0913 Her - I	dom 19.13	256	17		dom 20.13	265	28	dom 21.13	276	39		346	
					V1072 Her - I	dom 19.16	221	21		dom 20.16	227	29	dom 21.16	233	37		93	
					V1106 Her - II	dom 21.46	259	28		dom 22.46	268	39	dom 23.46	279	50		184	
					QQ Lyr - II	dom 22.21	249	25		dom 23.21	257	36	lun 00.21	266	47		49	
					G1518.0913 Her - II	dom 23.04	302	59		lun 00.04	328	67	lun 01.04	6	70		347	
					V556 Lyr - II	dom 23.10	251	36		lun 00.10	258	46	lun 01.10	267	58		29	
					AK Ser - II	dom 23.39	319	24		lun 00.39	334	30	lun 01.39	351	34		344	
					V1106 Her - I	lun 00.49	295	61		lun 01.49	320	70	lun 02.49	4	74		185	
					V691 Her - II	lun 01.11	11	65		lun 02.11	41	60	lun 03.11	61	51		370	
lun 29-04-13	19.06	19.47	02.10	02.50	G1518.0913 Her - II	lun 22.12	289	51		lun 23.12	306	61	mar 00.12	334	68		349	
					V1106 Her - II	lun 22.12	264	33		lun 23.12	274	45	mar 00.12	286	56		189	
					V691 Her - I	lun 22.19	296	50		lun 23.19	316	59	mar 00.19	344	65		372	
					AK Ser - I	lun 22.43	308	17		lun 23.43	321	25	mar 00.43	336	31		350	
					V1072 Her - I	lun 23.29	241	59		mar 00.29	239	68	mar 01.29	228	78		95	
					FU Lac - II	mar 01.07	239	34		mar 02.07	245	44	mar 03.07	250	54		-224	
					V1106 Her - I	mar 01.15	306	66		mar 02.15	341	73	mar 03.15	27	72		190	
					V1187 Cyg - I	mar 01.30	253	55		mar 02.30	259	65	mar 03.30	264	77		-65	
mar 30-04-13	19.08	19.48	02.08	02.49	V691 Her - II	mar 19.27	264	19		mar 20.27	274	31	mar 21.27	285	42		374	
					V1072 Her - II	mar 20.39	230	33		mar 21.39	235	42	mar 22.39	239	51		97	
					G1518.0913 Her - II	mar 21.19	278	42		mar 22.19	291	53	mar 23.19	311	62		351	
					V1106 Her - II	mar 22.39	269	39		mar 23.39	279	50	mer 00.39	294	61		194	
					G1518.0913 Her - I	mer 01.11	15	69		mer 02.11	47	63	mer 03.11	67	54		351	
					V1106 Her - I	mer 01.42	321	70		mer 02.42	5	74	mer 03.42	45	69		194	
mer 01-05-13	19.09	19.50	02.06	02.47	V1106 Her - I	mer 20.02	245	12		mer 21.02	254	22	mer 22.02	263	33		198	
					G1518.0913 Her - II	mer 20.27	270	33		mer 21.27	280	44	mer 22.27	295	55		353	
					V556 Lyr - II	mer 22.42	249	33		mer 23.42	256	43	gio 00.42	264	54		43	
					V1106 Her - II	mer 23.05	274	45		gio 00.05	286	56	gio 01.05	305	66		198	
					V691 Her - II	mer 23.38	327	62		gio 00.38	359	65	gio 01.38	32	62		377	

Day	Sun	Sun	Sun	Sun	Star Name	1h befor	Min	Azi	Alt	Time of			1h after	Min	Azi	Alt	Helio
	-12°	-18°	-18°	-12°						minimum	Azi	Alt					
					G1518.0913 Her - I	gio 00.18		343	69	gio 01.18	22	68	gio 02.18	52	62	353	
					V1072 Her - II	gio 00.53		236	73	gio 01.53	208	81	gio 02.53	144	80	99	
gio 02-05-13	19.11	19.52	02.04	02.45	G1518.0913 Her - II	gio 19.34		262	24	gio 20.34	272	35	gio 21.34	283	46	355	
					V1106 Her - I	gio 20.28		250	17	gio 21.28	259	28	gio 22.28	268	39	202	
					V691 Her - I	gio 20.46		279	36	gio 21.46	291	46	gio 22.46	308	56	379	
					V1072 Her - I	gio 22.03		237	47	gio 23.03	240	56	ven 00.03	240	66	100	
					G1518.0913 Her - I	gio 23.26		317	64	ven 00.26	351	69	ven 01.26	29	67	355	
					V1106 Her - II	gio 23.31		280	50	ven 00.31	295	61	ven 01.31	320	70	203	
ven 03-05-13	19.12	19.53	02.02	02.44	G1518.0913 Her - II	ven 18.42		254	15	ven 19.42	264	26	ven 20.42	274	37	356	
					V1072 Her - II	ven 19.13		223	23	ven 20.13	229	31	ven 21.13	234	40	102	
					V1106 Her - I	ven 20.55		255	22	ven 21.55	264	33	ven 22.55	273	44	207	
					G1518.0913 Her - I	ven 22.33		299	57	ven 23.33	322	66	sab 00.33	358	70	357	
					V1106 Her - II	ven 23.58		286	56	sab 00.58	305	66	sab 01.58	339	73	207	
					V691 Her - I	sab 00.57		15	65	sab 01.57	43	59	sab 02.57	63	50	381	
					BW Peg - I	sab 00.59		264	27	sab 01.59	274	38	sab 02.59	286	49	-154	
sab 04-05-13	19.13	19.55	02.01	02.42	V1106 Her - I	sab 21.21		259	28	sab 22.21	268	39	sab 23.21	279	50	211	
					G1518.0913 Her - I	sab 21.41		286	49	sab 22.41	302	59	sab 23.41	328	67	358	
					V691 Her - II	sab 22.06		298	51	sab 23.06	318	60	dom 00.06	348	65	382	
					V556 Lyr - II	sab 22.13		247	30	sab 23.13	254	40	dom 00.13	262	51	57	
					V1072 Her - II	sab 23.26		241	61	dom 00.26	238	71	dom 01.26	219	80	104	
					V1106 Her - II	dom 00.24		295	61	dom 01.24	320	70	dom 02.24	3	74	212	
					QQ Lyr - I	dom 01.04		278	60	dom 02.04	295	70	dom 03.04	333	79	80	
					G1518.0913 Her - II	dom 01.32		37	66	dom 02.32	61	58	dom 03.32	76	47	359	
dom 05-05-13	19.15	19.57	01.59	02.41	V691 Her - I	dom 19.14		265	21	dom 20.14	275	32	dom 21.14	286	43	384	
					V1072 Her - I	dom 20.37		232	35	dom 21.37	236	44	dom 22.37	240	54	106	
					G1518.0913 Her - I	dom 20.49		276	40	dom 21.49	289	51	dom 22.49	306	61	360	
					V1106 Her - I	dom 21.48		264	33	dom 22.48	274	44	dom 23.48	286	55	216	
					QQ Lyr - II	dom 22.02		250	27	dom 23.02	259	38	lun 00.02	267	49	84	
					G1518.0913 Her - II	lun 00.40		8	70	lun 01.40	42	65	lun 02.40	64	56	360	
					EZ Lac - II	lun 00.42		227	31	lun 01.42	232	39	lun 02.42	236	48	-251	
					V1106 Her - II	lun 00.51		306	66	lun 01.51	340	73	lun 02.51	26	72	216	
lun 06-05-13	19.16	19.58	01.57	02.39	G1518.0913 Her - I	lun 19.56		268	31	lun 20.56	278	42	lun 21.56	292	53	361	
					V1106 Her - I	lun 22.14		268	39	lun 23.14	279	50	mar 00.14	294	61	220	
					V691 Her - I	lun 23.25		330	63	mar 00.25	3	65	mar 01.25	35	62	386	
					G1518.0913 Her - II	lun 23.47		336	68	mar 00.47	15	69	mar 01.47	47	63	362	
					V473 And - I	mar 00.33		223	12	mar 01.33	231	20	mar 02.33	238	29	-371	
					V1072 Her - I	mar 00.50		232	76	mar 01.50	190	82	mar 02.50	135	78	108	
					V1106 Her - II	mar 01.17		321	70	mar 02.17	4	74	mar 03.17	45	69	220	
mar 07-05-13	19.17	20.00	01.55	02.38	G1518.0913 Her - I	mar 19.04		260	22	mar 20.04	270	33	mar 21.04	281	44	363	
					V1106 Her - II	mar 19.37		245	11	mar 20.37	254	22	mar 21.37	263	33	224	
					V691 Her - II	mar 20.33		280	37	mar 21.33	293	48	mar 22.33	310	57	387	
					V556 Lyr - II	mar 21.45		245	27	mar 22.45	252	37	mar 23.45	260	48	70	
					V1072 Her - II	mar 22.00		238	49	mar 23.00	241	59	mer 00.00	239	69	109	
					V1106 Her - I	mar 22.41		274	45	mar 23.41	286	56	mer 00.41	305	66	224	
					G1518.0913 Her - II	mar 22.55		312	63	mar 23.55	343	69	mer 00.55	22	68	363	
					BW Peg - II	mer 00.01		258	19	mer 01.01	267	30	mer 02.01	278	41	-127	
					V473 And - II	mer 00.38		225	13	mer 01.38	232	22	mer 02.38	239	31	-369	
					FU Lac - I	mer 01.24		243	42	mer 02.24	249	52	mer 03.24	253	62	-192	
mer 08-05-13	19.19	20.02	01.53	02.36	V1072 Her - I	mer 19.10		225	25	mer 20.10	231	33	mer 21.10	235	42	111	
					V1106 Her - II	mer 20.04		250	17	mer 21.04	259	27	mer 22.04	268	38	228	
					G1518.0913 Her - II	mer 22.03		295	55	mer 23.03	317	64	gio 00.03	351	69	364	
					V1106 Her - I	mer 23.07		279	50	gio 00.07	294	61	gio 01.07	319	70	228	
					V473 And - I	gio 00.43		226	14	gio 01.43	233	23	gio 02.43	240	32	-366	
					V691 Her - II	gio 00.44		18	64	gio 01.44	46	58	gio 02.44	65	49	389	
gio 09-05-13	19.20	20.03	01.52	02.35	V1106 Her - II	gio 20.30		254	22	gio 21.30	263	33	gio 22.30	273	44	232	
					V1187 Cyg - II	gio 20.36		225	14	gio 21.36	233	22	gio 22.36	240	32	-23	
					G1518.0913 Her - II	gio 21.10		284	47	gio 22.10	299	57	gio 23.10	322	66	365	
					V691 Her - I	gio 21.53		300	52	gio 22.53	321	61	gio 23.53	351	65	390	
					V1072 Her - I	gio 23.24		241	64	ven 00.24	235	74	ven 01.24	206	81	113	
					V1106 Her - I	gio 23.34		286	56	ven 00.34	305	66	ven 01.34	339	73	232	
					V473 And - II	ven 00.48		227	16	ven 01.48	235	24	ven 02.48	241	34	-363	
					G1518.0913 Her - I	ven 01.02		31	67	ven 02.02	57	59	ven 03.02	74	49	366	
ven 10-05-13	19.22	20.05	01.50	02.34	V691 Her - II	ven 19.01		266	22	ven 20.01	276	33	ven 21.01	288	44	391	
					V423 Tau - I	ven 19.01		129	36	ven 20.01	135	28	ven 21.01	141	21	-350	

Day	Sun	Sun	Sun	Sun	Star Name	1h befor	Min	Azi	Alt	Time of			1h after	Min	Azi	Alt	Helio	
	-12°	-18°	-18°	-12°						minimum	Azi	Alt						Corr
					G1518.0913 Her - II	ven	20.18	274	38	ven	21.18	286	49	ven	22.18	303	59	366
					V1072 Her - II	ven	20.34	233	38	ven	21.34	238	47	ven	22.34	240	57	114
					V1106 Her - II	ven	20.57	259	28	ven	21.57	268	39	ven	22.57	279	50	236
					V556 Lyr - II	ven	21.16	243	24	ven	22.16	250	34	ven	23.16	258	45	84
					V1106 Her - I	sab	00.00	295	61	sab	01.00	320	70	sab	02.00	3	74	236
					G1518.0913 Her - I	sab	00.09	0	70	sab	01.09	37	66	sab	02.09	61	58	367
					V473 And - I	sab	00.53	228	17	sab	01.53	236	26	sab	02.53	242	35	-360
sab 11-05-13	19.23	20.07	01.48	02.32	G1518.0913 Her - II	sab	19.25	266	29	sab	20.25	276	40	sab	21.25	289	51	367
					V1106 Her - II	sab	21.23	264	33	sab	22.23	273	44	sab	23.23	286	55	240
					BW Peg - I	sab	23.03	251	11	dom	00.03	261	22	dom	01.03	270	33	-100
					V691 Her - II	sab	23.12	334	63	dom	00.12	7	65	dom	01.12	37	61	392
					G1518.0913 Her - I	sab	23.17	330	67	dom	00.17	8	69	dom	01.17	42	65	368
					V1106 Her - I	dom	00.27	305	66	dom	01.27	339	73	dom	02.27	26	72	240
					QQ Lyr - I	dom	00.45	280	61	dom	01.45	298	72	dom	02.45	343	79	114
					V1072 Her - II	dom	00.47	225	78	dom	01.47	169	82	dom	02.47	128	76	116
					V473 And - II	dom	00.58	229	18	dom	01.58	237	27	dom	02.58	243	37	-357
dom 12-05-13	19.24	20.08	01.46	02.31	G1518.0913 Her - II	dom	18.33	258	20	dom	19.33	268	31	dom	20.33	278	42	368
					V691 Her - I	dom	20.20	281	38	dom	21.20	294	49	dom	22.20	313	58	393
					V1187 Cyg - II	dom	20.56	229	18	dom	21.56	237	27	dom	22.56	243	37	-10
					QQ Lyr - II	dom	21.43	252	29	dom	22.43	260	39	dom	23.43	269	50	118
					V1106 Her - II	dom	21.50	268	39	dom	22.50	279	50	dom	23.50	294	61	244
					V1072 Her - I	dom	21.58	239	52	dom	22.58	241	62	dom	23.58	237	72	117
					G1518.0913 Her - I	dom	22.24	308	61	dom	23.24	337	68	dom	00.24	16	69	368
					EZ Lac - I	dom	00.09	227	30	dom	01.09	232	38	dom	02.09	236	47	-230
					V1106 Her - I	dom	00.53	320	70	dom	01.53	3	74	dom	02.53	44	69	244
					V473 And - I	dom	01.03	230	19	dom	02.03	238	28	dom	03.03	244	38	-353
dom 12-05-13	19.24	20.08	01.46	02.31	G1518.0913 Her - II	dom	18.33	258	20	dom	19.33	268	31	dom	20.33	278	42	368
					V691 Her - I	dom	20.20	281	38	dom	21.20	294	49	dom	22.20	313	58	393
					V1187 Cyg - II	dom	20.56	229	18	dom	21.56	237	27	dom	22.56	243	37	-10
					QQ Lyr - II	dom	21.43	252	29	dom	22.43	260	39	dom	23.43	269	50	118
					V1106 Her - II	dom	21.50	268	39	dom	22.50	279	50	dom	23.50	294	61	244
					V1072 Her - I	dom	21.58	239	52	dom	22.58	241	62	dom	23.58	237	72	117
					G1518.0913 Her - I	dom	22.24	308	61	dom	23.24	337	68	dom	00.24	16	69	368
					EZ Lac - I	dom	00.09	227	30	dom	01.09	232	38	dom	02.09	236	47	-230
					V1106 Her - I	dom	00.53	320	70	dom	01.53	3	74	dom	02.53	44	69	244
					V473 And - I	dom	01.03	230	19	dom	02.03	238	28	dom	03.03	244	38	-353
dom 12-05-13	19.24	20.08	01.46	02.31	G1518.0913 Her - II	dom	18.33	258	20	dom	19.33	268	31	dom	20.33	278	42	368
					V691 Her - I	dom	20.20	281	38	dom	21.20	294	49	dom	22.20	313	58	393
					V1187 Cyg - II	dom	20.56	229	18	dom	21.56	237	27	dom	22.56	243	37	-10
					QQ Lyr - II	dom	21.43	252	29	dom	22.43	260	39	dom	23.43	269	50	118
					V1106 Her - II	dom	21.50	268	39	dom	22.50	279	50	dom	23.50	294	61	244
					V1072 Her - I	dom	21.58	239	52	dom	22.58	241	62	dom	23.58	237	72	117
					G1518.0913 Her - I	dom	22.24	308	61	dom	23.24	337	68	dom	00.24	16	69	368
					EZ Lac - I	dom	00.09	227	30	dom	01.09	232	38	dom	02.09	236	47	-230
					V1106 Her - I	dom	00.53	320	70	dom	01.53	3	74	dom	02.53	44	69	244
					V473 And - I	dom	01.03	230	19	dom	02.03	238	28	dom	03.03	244	38	-353
dom 12-05-13	19.24	20.08	01.46	02.31	G1518.0913 Her - II	dom	18.33	258	20	dom	19.33	268	31	dom	20.33	278	42	368
					V691 Her - I	dom	20.20	281	38	dom	21.20	294	49	dom	22.20	313	58	393
					V1187 Cyg - II	dom	20.56	229	18	dom	21.56	237	27	dom	22.56	243	37	-10
					QQ Lyr - II	dom	21.43	252	29	dom	22.43	260	39	dom	23.43	269	50	118
					V1106 Her - II	dom	21.50	268	39	dom	22.50	279	50	dom	23.50	294	61	244
					V1072 Her - I	dom	21.58	239	52	dom	22.58	241	62	dom	23.58	237	72	117
					G1518.0913 Her - I	dom	22.24	308	61	dom	23.24	337	68	dom	00.24	16	69	368
					EZ Lac - I	dom	00.09	227	30	dom	01.09	232	38	dom	02.09	236	47	-230
					V1106 Her - I	dom	00.53	320	70	dom	01.53	3	74	dom	02.53	44	69	244
					V473 And - I	dom	01.03	230	19	dom	02.03	238	28	dom	03.03	244	38	-353
dom 12-05-13	19.24	20.08	01.46	02.31	G1518.0913 Her - II	dom	18.33	258	20	dom	19.33	268	31	dom	20.33	278	42	368
					V691 Her - I	dom	20.20	281	38	dom	21.20	294	49	dom	22.20	313	58	393
					V1187 Cyg - II	dom	20.56	229	18	dom	21.56	237	27	dom	22.56	243	37	-10
					QQ Lyr - II	dom	21.43	252	29	dom	22.43	260	39	dom	23.43	269	50	118
					V1106 Her - II	dom	21.50	268	39	dom	22.50	279	50	dom	23.50	294	61	244
					V1072 Her - I	dom	21.58	239	52	dom	22.58	241	62	dom	23.58	237	72	117
					G1518.0913 Her - I	dom	22.24	308	61	dom	23.24	337	68	dom	00.24	16	69	368
					EZ Lac - I	dom	00.09	227	30	dom	01.09	232	38	dom	02.09	236	47	-230
					V1106 Her - I	dom	00.53	320	70	dom	01.53	3	74	dom	02.53	44	69	244
					V473 And - I	dom	01.03	230	19	dom	02.03	238	28	dom	03.03	244	38	-353
dom 12-05-13	19.24	20.08	01.46	02.31	G1518.0913 Her - II	dom	18.33	258	20	dom	19.33	268	31	dom	20.33	278	42	368
					V691 Her - I	dom	20.20	281	38	dom	21.20	294	49	dom	22.20	313	58	393
					V1187 Cyg - II	dom	20.56	229	18	dom	21.56	237	27	dom	22.56	243	37	-10
					QQ Lyr - II	dom	21.43	252	29	dom	22.43	260	39	dom	23.43	269	50	118
					V1106 Her - II	dom	21.50	268	39	dom	22.50	279	50	dom	23.50	294	61	244
					V1072 Her - I	dom	21.58	239	52	dom	22.58	241	62	dom	23.58	237	72	117
					G1518.0913 Her - I	dom	22.24	308	61	dom	23.24	337	68	dom	00.24	16	69	368
					EZ Lac - I	dom	00.09	227	30	dom	01.09	232	38	dom	02.09	236	47	-230
					V1106 Her - I													

Day	Sun	Sun	Sun	Sun	Star Name	1h befor	Min	Azi	Alt	Time of			1h after	Min	Azi	Alt	Helio	Corr	
	-12°	-18°	-18°	-12°						minimum	Azi	Alt							
					G1518.0913 Her - II	sab	21.01	290	52	sab 22.01	308	61	sab	23.01	337	68	372		
					V1106 Her - I	sab	21.25	268	39	sab 22.25	279	50	sab	23.25	294	60	265		
					V1187 Cyg - II	sab	21.36	237	28	sab 22.36	244	37	sab	23.36	250	48	17		
					V691 Her - II	dom	00.18	25	64	dom 01.18	51	57	dom	02.18	68	47	396		
					QQ Lyr - I	dom	00.26	282	63	dom 01.26	302	73	dom	02.26	352	80	146		
					V1106 Her - II	dom	00.29	320	70	dom 01.29	3	74	dom	02.29	44	69	266		
					G1518.0913 Her - I	dom	00.53	44	64	dom 01.53	65	55	dom	02.53	79	44	372		
dom	19-05-13	19.33	20.20	01.35	02.22	V1106 Her - II	dom	18.48	245	11	dom 19.48	254	22	dom	20.48	263	33	268	
						V556 Lyr - II	dom	19.51	236	16	dom 20.51	244	26	dom	21.51	251	36	122	
						G1518.0913 Her - II	dom	20.09	279	43	dom 21.09	293	54	dom	22.09	312	63	372	
						QQ Lyr - II	dom	21.24	253	30	dom 22.24	261	41	dom	23.24	270	52	150	
						V691 Her - I	dom	21.26	304	54	dom 22.26	327	62	dom	23.26	359	65	396	
						V1106 Her - I	dom	21.52	273	44	dom 22.52	286	55	dom	23.52	304	65	268	
						V1072 Her - I	dom	23.19	239	70	lun 00.19	224	79	lun	01.19	166	82	127	
						EZ Lac - II	dom	23.36	226	29	lun 00.36	231	38	lun	01.36	235	47	-205	
						G1518.0913 Her - I	lun	00.00	18	69	lun 01.00	49	63	lun	02.00	68	53	372	
						V1106 Her - II	lun	00.55	339	73	lun 01.55	26	72	lun	02.55	57	65	269	
lun	20-05-13	19.35	20.21	01.34	02.21	V1106 Her - II	lun	19.15	250	16	lun 20.15	259	27	lun	21.15	268	38	271	
						G1518.0913 Her - II	lun	19.16	270	34	lun 20.16	281	45	lun	21.16	296	56	372	
						V1072 Her - II	lun	20.29	236	43	lun 21.29	239	53	lun	22.29	241	62	128	
						V1106 Her - I	lun	22.18	279	50	lun 23.18	294	61	mar	00.18	318	70	272	
						G1518.0913 Her - I	lun	23.08	346	69	mar 00.08	25	68	mar	01.08	53	61	372	
mar	21-05-13	19.36	20.23	01.33	02.20	V1106 Her - II	mar	19.41	254	22	mar 20.41	263	33	mar	21.41	273	44	275	
						V1187 Cyg - II	mar	21.56	241	33	mar 22.56	247	43	mar	23.56	253	53	30	
						G1518.0913 Her - I	mar	22.15	319	65	mar 23.15	353	70	mer	00.15	31	67	372	
						V1106 Her - I	mar	22.45	286	55	mar 23.45	304	66	mer	00.45	338	73	275	
						V691 Her - II	mar	22.46	340	64	mar 23.46	14	65	mer	00.46	43	59	396	
						V1072 Her - II	mer	00.42	200	82	mer 01.42	139	79	mer	02.42	122	71	130	
						V423 Tau - II	mer	01.06	226	29	mer 02.06	231	37	mer	03.06	235	46	-317	
mer	22-05-13	19.37	20.25	01.31	02.19	V556 Lyr - II	mer	19.22	234	14	mer 20.22	242	23	mer	21.22	249	33	134	
						V691 Her - I	mer	19.54	284	40	mer 20.54	298	51	mer	21.54	318	60	396	
						V1106 Her - II	mer	20.08	259	27	mer 21.08	268	38	mer	22.08	279	49	278	
						G1518.0913 Her - I	mer	21.23	300	58	mer 22.23	324	66	mer	23.23	1	70	372	
						V1072 Her - I	mer	21.52	240	58	mer 22.52	240	67	mer	23.52	230	77	131	
						FU Lac - II	mer	22.30	231	24	mer 23.30	238	33	gio	00.30	244	42	-124	
						V1106 Her - I	mer	23.11	294	61	gio 00.11	319	70	gio	01.11	1	74	278	
						AK Ser - I	gio	00.26	357	34	gio 01.26	15	33	gio	02.26	31	29	459	
						BW Peg - I	gio	01.09	279	43	gio 02.09	293	53	gio	03.09	312	63	-23	
						G1518.0913 Her - II	gio	01.14	58	59	gio 02.14	74	49	gio	03.14	86	38	372	
gio	23-05-13	19.38	20.26	01.30	02.18	V1072 Her - II	gio	19.02	230	32	gio 20.02	235	41	gio	21.02	239	50	132	
						G1518.0913 Her - I	gio	20.31	287	50	gio 21.31	304	60	gio	22.31	331	67	371	
						V1106 Her - II	gio	20.34	263	33	gio 21.34	273	44	gio	22.34	285	55	281	
						AK Ser - II	gio	23.30	342	32	ven 00.30	359	34	ven	01.30	17	33	463	
						V1106 Her - I	gio	23.38	305	66	ven 00.38	338	73	ven	01.38	25	73	281	
						V691 Her - I	ven	00.05	28	63	ven 01.05	53	56	ven	02.05	70	46	396	
						G1518.0913 Her - II	ven	00.22	39	66	ven 01.22	62	57	ven	02.22	77	46	371	
ven	24-05-13	19.39	20.28	01.28	02.17	G1518.0913 Her - I	ven	19.38	277	41	ven 20.38	290	52	ven	21.38	308	61	371	
						V1106 Her - II	ven	21.01	268	38	ven 22.01	279	50	ven	23.01	293	60	284	
						V691 Her - II	ven	21.13	306	55	ven 22.13	330	63	ven	23.13	2	65	395	
						V1187 Cyg - II	ven	22.17	244	38	ven 23.17	250	48	sab	00.17	256	59	43	
						AK Ser - I	ven	22.34	328	28	ven 23.34	344	33	sab	00.34	2	34	466	
						V1072 Her - II	ven	23.16	237	72	sab 00.16	213	81	sab	01.16	149	81	133	
						G1518.0913 Her - II	ven	23.29	11	69	sab 00.29	44	64	sab	01.29	65	55	371	
						V1106 Her - I	sab	00.04	319	70	sab 01.04	2	74	sab	02.04	43	69	284	
						V556 Lyr - I	sab	01.01	287	75	sab 02.01	337	84	sab	03.01	61	79	143	
sab	25-05-13	19.41	20.29	01.27	02.16	G1518.0913 Her - I	sab	18.46	268	32	sab 19.46	279	43	sab	20.46	293	54	371	
						V556 Lyr - II	sab	18.54	231	11	sab 19.54	239	20	sab	20.54	247	30	146	
						V423 Tau - I	sab	19.07	135	27	sab 20.07	142	20	sab	21.07	149	14	-409	
						V1072 Her - I	sab	20.26	237	46	sab 21.26	240	55	sab	22.26	240	65	134	
						V1106 Her - II	sab	21.27	273	44	sab 22.27	285	55	sab	23.27	304	65	287	
						AK Ser - II	sab	21.38	316	22	sab 22.38	330	29	sab	23.38	347	33	468	
						G1518.0913 Her - II	sab	22.37	339	69	sab 23.37	18	69	dom	00.37	49	63	370	
						QQ Lyr - I	dom	00.08	284	64	dom 01.08	307	75	dom	02.08	3	80	177	
						V1106 Her - I	dom	00.31	339	73	dom 01.31	25	72	dom	02.31	57	65	287	
dom	26-05-13	19.42	20.31	01.26	02.15	V1106 Her - I	dom	18.51	250	16	dom 19.51	258	27	dom	20.51	268	38	289	

Day	Sun	Sun	Sun	Sun	Star Name	1h befor	Min	Azi	Alt	Time of			1h after	Min	Azi	Alt	Helio	Corr
	-12°	-18°	-18°	-12°						minimum	Azi	Alt						
					AK Ser - I	dom	20.43	305	15	dom	21.43	318	23	dom	22.43	333	30	471
					QQ Lyr - II	dom	21.05	254	32	dom	22.05	262	43	dom	23.05	272	54	180
					G1518.0913 Her - II	dom	21.45	314	63	dom	22.45	346	69	dom	23.45	25	68	370
					V1106 Her - II	dom	21.54	279	50	dom	22.54	294	60	dom	23.54	318	70	289
					V691 Her - I	dom	22.32	344	65	dom	23.32	18	65	lun	00.32	45	59	394
					EZ Lac - I	dom	23.03	225	29	lun	00.03	231	37	lun	01.03	235	46	-177
					BW Peg - II	lun	00.11	271	35	lun	01.11	283	46	lun	02.11	298	56	5
					V1072 Her - I	lun	00.40	180	82	lun	01.40	131	77	lun	02.40	120	68	135
					V1106 Her - I	lun	00.57	3	74	lun	01.57	44	69	lun	02.57	67	60	290
lun 27-05-13	19.43	20.32	01.25	02.14	V1106 Her - I	lun	19.17	254	22	lun	20.17	263	33	lun	21.17	273	44	292
					V691 Her - II	lun	19.41	285	42	lun	20.41	300	52	lun	21.41	320	60	394
					G1518.0913 Her - II	lun	20.52	297	56	lun	21.52	319	65	lun	22.52	354	70	369
					V1072 Her - II	lun	21.50	241	60	lun	22.50	238	70	lun	23.50	223	79	136
					V1106 Her - II	lun	22.20	286	55	lun	23.20	304	65	mar	00.20	337	73	292
					V1187 Cyg - II	lun	22.37	247	43	lun	23.37	253	54	mar	00.37	258	65	56
					V556 Lyr - I	mar	00.32	282	72	mar	01.32	314	82	mar	02.32	47	82	155
					G1518.0913 Her - I	mar	00.43	54	60	mar	01.43	72	50	mar	02.43	84	40	369
mar 28-05-13	19.44	20.34	01.24	02.13	V1072 Her - I	mar	19.00	231	34	mar	20.00	236	44	mar	21.00	239	53	137
					V1106 Her - I	mar	19.44	259	27	mar	20.44	268	38	mar	21.44	278	49	294
					G1518.0913 Her - II	mar	20.00	284	48	mar	21.00	300	58	mar	22.00	325	66	368
					V1106 Her - II	mar	22.47	294	61	mar	23.47	318	70	mer	00.47	1	74	295
					G1518.0913 Her - I	mar	23.51	33	67	mer	00.51	58	59	mer	01.51	75	48	368
					V691 Her - II	mar	23.52	31	62	mer	00.52	55	55	mer	01.52	71	45	393
mer 29-05-13	19.45	20.35	01.22	02.12	G1518.0913 Her - II	mer	19.07	275	39	mer	20.07	287	50	mer	21.07	304	60	368
					V1106 Her - I	mer	20.10	263	33	mer	21.10	273	44	mer	22.10	285	55	297
					V691 Her - I	mer	21.00	308	56	mer	22.00	333	63	mer	23.00	6	65	392
					G1518.0913 Her - I	mer	22.59	3	70	mer	23.59	39	65	gio	00.59	62	57	367
					V1072 Her - I	mer	23.13	233	75	gio	00.13	197	82	gio	01.13	138	79	138
					V1106 Her - II	mer	23.13	304	66	gio	00.13	338	73	gio	01.13	24	73	297
gio 30-05-13	19.46	20.36	01.21	02.12	V1072 Her - II	gio	20.23	238	48	gio	21.23	240	58	gio	22.23	240	68	139
					V1106 Her - I	gio	20.37	268	38	gio	21.37	279	49	gio	22.37	293	60	299
					G1518.0913 Her - I	gio	22.06	332	68	gio	23.06	11	69	ven	00.06	44	64	366
					FU Lac - I	gio	22.47	237	31	gio	23.47	243	41	ven	00.47	248	51	-84
					V1187 Cyg - II	gio	22.57	250	49	gio	23.57	256	60	ven	00.57	261	71	68
					BW Peg - I	gio	23.13	265	27	ven	00.13	275	38	ven	01.13	287	49	33
					V1106 Her - II	gio	23.40	319	70	ven	00.40	1	74	ven	01.40	43	69	300
					V556 Lyr - I	ven	00.04	277	69	ven	01.04	300	79	ven	02.04	26	83	166
					V691 Her - I	ven	01.11	63	50	ven	02.11	77	40	ven	03.11	88	29	390
ven 31-05-13	19.47	20.38	01.20	02.11	V1106 Her - I	ven	21.03	273	44	ven	22.03	285	55	ven	23.03	303	65	302
					G1518.0913 Her - I	ven	21.14	309	62	ven	22.14	339	69	ven	23.14	18	69	365
					V691 Her - II	ven	22.19	347	65	ven	23.19	21	64	sab	00.19	48	58	389
					V1106 Her - II	sab	00.06	338	73	sab	01.06	25	73	sab	02.06	57	65	302
					V1072 Her - II	sab	00.37	160	82	sab	01.37	126	75	sab	02.37	120	65	140
					G1518.0913 Her - II	sab	01.05	66	54	sab	02.05	80	44	sab	03.05	91	33	365
sab 01-06-13	19.48	20.39	01.19	02.10	V691 Her - I	sab	19.27	286	43	sab	20.27	301	53	sab	21.27	323	61	388
					G1518.0913 Her - I	sab	20.22	294	54	sab	21.22	314	64	sab	22.22	346	69	364
					V1106 Her - I	sab	21.29	279	50	sab	22.29	293	60	sab	23.29	317	70	304
					V1072 Her - I	sab	21.47	241	63	sab	22.47	236	73	sab	23.47	211	81	140
					V423 Tau - II	sab	22.59	217	18	sab	23.59	223	26	dom	00.59	229	34	-278
					QQ Lyr - I	sab	23.49	286	66	dom	00.49	312	76	dom	01.49	13	79	204
					G1518.0913 Her - II	dom	00.13	50	62	dom	01.13	69	52	dom	02.13	82	42	364
					V1106 Her - II	dom	00.33	2	74	dom	01.33	43	69	dom	02.33	67	60	304
dom 02-06-13	19.49	20.40	01.19	02.10	V1106 Her - II	dom	18.53	254	21	dom	19.53	263	32	dom	20.53	273	44	306
					V1072 Her - II	dom	18.57	233	37	dom	19.57	237	46	dom	20.57	240	56	141
					G1518.0913 Her - I	dom	19.29	282	46	dom	20.29	297	56	dom	21.29	319	65	363
					QQ Lyr - II	dom	20.46	255	33	dom	21.46	264	44	dom	22.46	273	55	208
					V1106 Her - I	dom	21.56	285	55	dom	22.56	304	65	dom	23.56	336	73	306
					EZ Lac - II	dom	22.29	225	28	dom	23.29	230	36	lun	00.29	235	45	-147
					V1187 Cyg - II	dom	23.17	253	55	lun	00.17	259	65	lun	01.17	264	77	81
					G1518.0913 Her - II	dom	23.20	27	68	lun	00.20	55	60	lun	01.20	72	50	363
					V556 Lyr - I	dom	23.35	274	66	lun	00.35	291	76	lun	01.35	355	84	177
					V691 Her - I	dom	23.39	34	62	lun	00.39	57	54	lun	01.39	73	44	387
					V1106 Her - II	lun	00.59	25	72	lun	01.59	57	65	lun	02.59	75	55	307
lun 03-06-13	19.50	20.41	01.18	02.09	V1106 Her - II	lun	19.19	258	27	lun	20.19	268	38	lun	21.19	278	49	308
					V691 Her - II	lun	20.47	310	57	lun	21.47	336	64	lun	22.47	10	65	385

Day	Sun	Sun	Sun	Sun	Star Name	1h befor Min	Azi	Alt	Time of			1h after Min	Azi	Alt	Helio	
	-12°	-18°	-18°	-12°					minimum	Azi	Alt				Corr	
					BW Peg - II	lun 22.15	258	19	lun 23.15	267	30	mar 00.15	278	41	61	
					V1106 Her - I	lun 22.22	294	60	lun 23.22	318	70	mar 00.22	360	74	308	
					G1518.0913 Her - II	lun 22.28	356	70	lun 23.28	33	67	mar 00.28	59	59	361	
					V1072 Her - II	lun 23.11	228	77	mar 00.11	177	82	mar 01.11	130	77	142	
					V423 Tau - II	mar 00.05	225	27	mar 01.05	230	36	mar 02.05	234	45	-270	
mar 04-06-13	19.51	20.43	01.17	02.09	V1106 Her - II	mar 19.46	263	33	mar 20.46	273	44	mar 21.46	285	55	310	
					V1072 Her - I	mar 20.21	239	51	mar 21.21	241	61	mar 22.21	238	71	143	
					G1518.0913 Her - II	mar 21.36	326	67	mar 22.36	4	70	mar 23.36	39	65	360	
					V1106 Her - I	mar 22.49	304	65	mar 23.49	337	73	mer 00.49	24	73	310	
					V691 Her - II	mer 00.58	65	49	mer 01.58	78	39	mer 02.58	89	28	383	
mer 05-06-13	19.52	20.44	01.16	02.08	V1106 Her - II	mer 20.12	268	38	mer 21.12	278	49	mer 22.12	293	60	312	
					G1518.0913 Her - II	mer 20.43	305	60	mer 21.43	333	68	mer 22.43	11	69	358	
					V691 Her - I	mer 22.06	351	65	mer 23.06	24	64	gio 00.06	50	57	382	
					V556 Lyr - I	mer 23.07	271	62	gio 00.07	285	73	gio 01.07	326	83	187	
					V1106 Her - I	mer 23.15	318	70	gio 00.15	1	74	gio 01.15	43	70	312	
					V1187 Cyg - II	mer 23.37	256	60	gio 00.37	262	71	gio 01.37	267	82	93	
					V1072 Her - I	gio 00.34	145	80	gio 01.34	123	72	gio 02.34	119	62	143	
					G1518.0913 Her - I	gio 00.34	63	56	gio 01.34	78	46	gio 02.34	89	35	358	
gio 06-06-13	19.53	20.45	01.15	02.08	V691 Her - II	gio 19.14	288	44	gio 20.14	303	54	gio 21.14	326	62	380	
					G1518.0913 Her - II	gio 19.51	291	52	gio 20.51	309	62	gio 21.51	340	69	357	
					V1106 Her - II	gio 20.39	273	44	gio 21.39	285	55	gio 22.39	303	65	314	
					V1072 Her - II	gio 21.44	240	66	gio 22.44	233	75	gio 23.44	194	82	144	
					V1106 Her - I	gio 23.42	338	73	ven 00.42	24	73	ven 01.42	57	65	314	
					G1518.0913 Her - I	gio 23.42	46	64	ven 00.42	66	54	ven 01.42	80	44	356	
ven 07-06-13	19.54	20.46	01.15	02.07	V1072 Her - I	ven 18.55	234	40	ven 19.55	238	49	ven 20.55	241	58	144	
					G1518.0913 Her - II	ven 18.58	280	44	ven 19.58	294	54	ven 20.58	314	64	355	
					V1106 Her - II	ven 21.05	279	49	ven 22.05	293	60	ven 23.05	317	69	316	
					BW Peg - I	ven 21.18	251	12	ven 22.18	261	22	ven 23.18	270	34	89	
					G1518.0913 Her - I	ven 22.50	20	69	ven 23.50	50	62	sab 00.50	69	52	355	
					FU Lac - II	ven 23.04	242	39	sab 00.04	247	49	sab 01.04	252	59	-42	
					V691 Her - II	ven 23.25	37	61	sab 00.25	59	53	sab 01.25	74	42	378	
					V1106 Her - I	sab 00.08	1	74	sab 01.08	43	69	sab 02.08	67	60	316	
sab 08-06-13	19.54	20.47	01.14	02.07	V691 Her - I	sab 20.34	313	58	sab 21.34	340	64	sab 22.34	13	65	376	
					V1106 Her - II	sab 21.32	285	55	sab 22.32	303	65	sab 23.32	336	73	317	
					G1518.0913 Her - I	sab 21.57	349	69	sab 22.57	27	68	sab 23.57	55	60	353	
					V473 And - I	sab 22.26	224	12	sab 23.26	232	21	dom 00.26	239	30	-232	
					V556 Lyr - I	sab 22.38	268	59	sab 23.38	280	70	dom 00.38	308	81	197	
					V1072 Her - I	sab 23.08	219	80	dom 00.08	158	82	dom 01.08	126	74	145	
					QQ Lyr - I	sab 23.30	289	68	dom 00.30	319	77	dom 01.30	22	79	229	
					V1187 Cyg - II	sab 23.57	259	66	dom 00.57	264	77	dom 01.57	271	88	105	
					V1106 Her - I	dom 00.35	25	73	dom 01.35	57	65	dom 02.35	75	55	318	
dom 09-06-13	19.55	20.48	01.14	02.06	V1072 Her - II	dom 20.18	240	54	dom 21.18	241	64	dom 22.18	236	73	145	
					QQ Lyr - II	dom 20.28	256	35	dom 21.28	265	46	dom 22.28	275	57	232	
					G1518.0913 Her - I	dom 21.05	321	65	dom 22.05	356	70	dom 23.05	34	67	351	
					EZ Lac - I	dom 21.56	224	27	dom 22.56	230	35	dom 23.56	234	44	-115	
					V1106 Her - II	dom 21.58	293	60	dom 22.58	317	70	dom 23.58	359	74	319	
					V473 And - II	dom 22.31	225	13	dom 23.31	233	22	lun 00.31	240	31	-226	
					V691 Her - I	lun 00.45	66	48	lun 01.45	79	38	lun 02.45	90	26	373	
					G1518.0913 Her - II	lun 00.56	73	50	lun 01.56	85	39	lun 02.56	95	28	350	
					V1106 Her - I	lun 01.01	44	69	lun 02.01	67	60	lun 03.01	81	49	319	
lun 10-06-13	19.56	20.49	01.13	02.06	V1106 Her - I	lun 19.21	263	32	lun 20.21	273	44	lun 21.21	285	55	320	
					G1518.0913 Her - I	lun 20.13	301	59	lun 21.13	327	67	lun 22.13	4	70	349	
					V691 Her - II	lun 21.53	355	65	lun 22.53	28	63	lun 23.53	52	56	371	
					V1106 Her - II	lun 22.25	304	65	lun 23.25	336	73	mar 00.25	23	73	321	
					V473 And - I	lun 22.36	226	15	lun 23.36	234	23	mar 00.36	241	33	-220	
					G1518.0913 Her - II	mar 00.04	60	58	mar 01.04	75	48	mar 02.04	87	37	348	
					V1072 Her - II	mar 00.32	135	78	mar 01.32	121	69	mar 02.32	119	60	146	
mar 11-06-13	19.56	20.49	01.13	02.06	V691 Her - I	mar 19.01	289	45	mar 20.01	306	55	mar 21.01	329	63	369	
					G1518.0913 Her - I	mar 19.20	288	50	mar 20.20	305	60	mar 21.20	333	68	347	
					V1106 Her - I	mar 19.48	268	38	mar 20.48	278	49	mar 21.48	293	60	322	
					V1072 Her - I	mar 21.42	239	69	mar 22.42	227	78	mar 23.42	174	82	146	
					V556 Lyr - I	mar 22.10	266	56	mar 23.10	276	67	mer 00.10	296	78	206	
					V473 And - II	mar 22.41	227	16	mar 23.41	235	25	mer 00.41	242	34	-214	
					V1106 Her - II	mar 22.51	318	70	mar 23.51	360	74	mer 00.51	42	70	322	
					G1518.0913 Her - II	mar 23.11	41	65	mer 00.11	63	56	mer 01.11	78	46	346	

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	mer 00.17	262	72	mer 01.17	267	83	mer 02.17	91	86	117
mer 12-06-13	19.57	20.50	01.13	02.06	V1106 Her - I	mer 20.14	273	44	mer 21.14	285	55	mer 22.14	303	65	323
					G1518.0913 Her - II	mer 22.19	13	69	mer 23.19	46	64	gio 00.19	66	54	344
					V473 And - I	mer 22.46	228	17	mer 23.46	236	26	gio 00.46	243	35	-209
					V691 Her - I	mer 23.12	40	60	gio 00.12	61	52	gio 01.12	75	41	366
					V1106 Her - II	mer 23.17	337	73	gio 00.17	24	73	gio 01.17	56	65	323
gio 13-06-13	19.58	20.51	01.12	02.06	V691 Her - II	gio 20.20	315	59	gio 21.20	343	65	gio 22.20	17	65	364
					V1106 Her - I	gio 20.41	278	49	gio 21.41	293	60	gio 22.41	316	69	324
					G1518.0913 Her - II	gio 21.27	342	69	gio 22.27	21	69	gio 23.27	51	62	342
					V473 And - II	gio 22.50	230	18	gio 23.50	237	27	ven 00.50	243	37	-203
					V1072 Her - II	gio 23.05	206	81	ven 00.05	143	80	ven 01.05	123	72	147
					V1106 Her - II	gio 23.44	1	74	ven 00.44	43	70	ven 01.44	67	60	324
ven 14-06-13	19.58	20.52	01.12	02.06	FU Lac - II	ven 19.53	223	14	ven 20.53	231	23	ven 21.53	237	32	-6
					V1072 Her - I	ven 20.16	240	57	ven 21.16	240	66	ven 22.16	232	76	147
					G1518.0913 Her - II	ven 20.34	316	64	ven 21.34	349	69	ven 22.34	27	68	339
					V1106 Her - I	ven 21.07	285	55	ven 22.07	303	65	ven 23.07	335	73	325
					V556 Lyr - I	ven 21.41	263	53	ven 22.41	273	64	ven 23.41	288	75	215
					V423 Tau - II	ven 21.58	216	17	ven 22.58	222	24	ven 23.58	228	32	-220
					V473 And - I	ven 22.55	231	20	ven 23.55	238	29	sab 00.55	244	38	-197
					V1106 Her - II	sab 00.10	24	73	sab 01.10	57	65	sab 02.10	75	55	326
					BW Peg - II	sab 00.21	288	50	sab 01.21	306	60	sab 02.21	333	68	137
					G1518.0913 Her - I	sab 00.25	70	52	sab 01.25	83	41	sab 02.25	93	30	339
					V691 Her - II	sab 00.31	68	47	sab 01.31	81	36	sab 02.31	91	25	361
					V1187 Cyg - II	sab 00.38	265	78	sab 01.38	272	89	sab 02.38	94	80	129
sab 15-06-13	19.59	20.52	01.12	02.06	G1518.0913 Her - II	sab 19.42	298	57	sab 20.42	321	65	sab 21.42	357	70	337
					V1106 Her - I	sab 21.34	293	60	sab 22.34	317	69	sab 23.34	359	74	326
					V691 Her - I	sab 21.40	358	65	sab 22.40	31	63	sab 23.40	55	55	358
					V473 And - II	sab 23.00	232	21	dom 00.00	239	30	dom 01.00	245	40	-191
					QQ Lyr - I	sab 23.11	292	69	dom 00.11	326	78	dom 01.11	31	78	251
					FU Lac - I	sab 23.21	246	47	dom 00.21	251	57	dom 01.21	255	68	0
					G1518.0913 Her - I	sab 23.33	56	60	dom 00.33	73	50	dom 01.33	85	39	336
					V1072 Her - I	dom 00.29	129	76	dom 01.29	120	67	dom 02.29	120	57	147
					V1106 Her - II	dom 00.37	43	69	dom 01.37	67	60	dom 02.37	81	49	327
dom 16-06-13	19.59	20.53	01.12	02.06	QQ Lyr - II	dom 20.09	257	36	dom 21.09	266	47	dom 22.09	277	58	254
					EZ Lac - II	dom 21.23	224	26	dom 22.23	229	34	dom 23.23	234	43	-81
					V1072 Her - II	dom 21.39	238	71	dom 22.39	218	80	dom 23.39	155	81	148
					V1106 Her - I	dom 22.00	303	65	dom 23.00	336	73	lun 00.00	22	73	327
					G1518.0913 Her - I	dom 22.41	35	66	dom 23.41	60	58	lun 00.41	75	48	334
					V423 Tau - II	dom 23.04	224	26	lun 00.04	229	34	lun 01.04	234	43	-210
					V473 And - I	dom 23.05	233	22	lun 00.05	240	31	lun 01.05	246	41	-185
					AK Ser - I	lun 00.16	23	31	lun 01.16	38	26	lun 02.16	51	18	500
					V1106 Her - II	lun 01.03	57	65	lun 02.03	75	55	lun 03.03	87	44	327
lun 17-06-13	19.59	20.53	01.12	02.06	V1106 Her - II	lun 19.23	268	38	lun 20.23	278	49	lun 21.23	292	60	328
					V556 Lyr - I	lun 21.13	261	50	lun 22.13	270	61	lun 23.13	283	72	224
					G1518.0913 Her - I	lun 21.48	6	70	lun 22.48	41	65	lun 23.48	63	56	331
					V1106 Her - I	lun 22.27	317	70	lun 23.27	359	74	mar 00.27	42	70	328
					V691 Her - II	lun 22.59	43	60	lun 23.59	63	51	mar 00.59	77	40	352
					V473 And - II	lun 23.10	234	23	mar 00.10	241	33	mar 01.10	247	43	-179
					AK Ser - II	lun 23.21	8	34	mar 00.21	25	31	mar 01.21	40	25	500
					V1187 Cyg - II	mar 00.58	268	84	mar 01.58	92	85	mar 02.58	97	74	140
mar 18-06-13	20.00	20.54	01.12	02.06	V1187 Cyg - I	mar 19.03	233	23	mar 20.03	240	32	mar 21.03	247	42	143
					V1106 Her - II	mar 19.50	273	44	mar 20.50	285	55	mar 21.50	302	65	329
					V691 Her - I	mar 20.07	318	60	mar 21.07	347	65	mar 22.07	20	64	350
					G1518.0913 Her - I	mar 20.56	335	68	mar 21.56	14	69	mar 22.56	46	64	328
					AK Ser - I	mar 22.25	353	34	mar 23.25	10	34	mer 00.25	27	30	499
					V1106 Her - I	mar 22.53	336	73	mar 23.53	23	73	mer 00.53	56	65	329
					V1072 Her - I	mar 23.03	188	82	mer 00.03	134	78	mer 01.03	121	69	148
					V473 And - I	mar 23.15	235	25	mer 00.15	242	34	mer 01.15	248	44	-173
					BW Peg - I	mar 23.24	279	43	mer 00.24	293	53	mer 01.24	313	63	163
					V423 Tau - II	mer 00.11	231	36	mer 01.11	235	45	mer 02.11	237	55	-199
					G1518.0913 Her - II	mer 00.47	78	45	mer 01.47	90	34	mer 02.47	99	23	328
mer 19-06-13	20.00	20.54	01.12	02.06	G1518.0913 Her - I	mer 20.03	311	63	mer 21.03	342	69	mer 22.03	21	69	325
					V1072 Her - II	mer 20.13	241	59	mer 21.13	239	69	mer 22.13	226	78	148
					V1106 Her - II	mer 20.16	278	49	mer 21.16	293	60	mer 22.16	316	69	329
					AK Ser - II	mer 21.29	338	31	mer 22.29	355	34	mer 23.29	13	33	499

Day	Sun	Sun	Sun	Sun	Star Name	1h befor	Min	Azi	Alt	Time of			1h after	Min	Azi	Alt	Helio	
	-12°	-18°	-18°	-12°						minimum	Azi	Alt						Corr
					V1106 Her - I	mer	23.20	0	74	gio	00.20	42	70	gio	01.20	66	61	330
					V473 And - II	mer	23.20	236	26	gio	00.20	243	36	gio	01.20	249	46	-166
					G1518.0913 Her - II	mer	23.55	67	54	gio	00.55	81	43	gio	01.55	91	32	325
					V691 Her - I	gio	00.18	69	46	gio	01.18	82	35	gio	02.18	92	24	346
gio 20-06-13	20.00	20.54	01.12	02.06	G1518.0913 Her - I	gio	19.11	295	55	gio	20.11	316	64	gio	21.11	349	69	322
					AK Ser - I	gio	20.33	325	27	gio	21.33	340	32	gio	22.33	358	34	498
					V1106 Her - II	gio	20.43	285	55	gio	21.43	303	65	gio	22.43	335	72	330
					V556 Lyr - I	gio	20.44	259	47	gio	21.44	267	58	gio	22.44	278	69	231
					V691 Her - II	gio	21.27	2	65	gio	22.27	34	62	gio	23.27	57	54	343
					G1518.0913 Her - II	gio	23.02	52	61	ven	00.02	70	52	ven	01.02	83	41	322
					V473 And - I	gio	23.25	237	28	ven	00.25	244	37	ven	01.25	250	48	-160
					V1106 Her - I	gio	23.46	24	73	ven	00.46	56	65	ven	01.46	75	55	330
					V1072 Her - II	ven	00.26	125	73	ven	01.26	119	64	ven	02.26	120	54	148
ven 21-06-13	20.01	20.54	01.12	02.06	V1187 Cyg - I	ven	19.23	237	28	ven	20.23	244	37	ven	21.23	250	48	154
					AK Ser - II	ven	19.38	313	20	ven	20.38	327	28	ven	21.38	343	32	498
					V1106 Her - II	ven	21.09	293	60	ven	22.09	316	69	ven	23.09	358	74	330
					V1072 Her - I	ven	21.37	235	74	ven	22.37	204	82	ven	23.37	142	80	148
					G1518.0913 Her - II	ven	22.10	29	67	ven	23.10	56	60	sab	00.10	73	50	319
					V473 And - II	ven	23.30	238	29	sab	00.30	245	39	sab	01.30	251	49	-154
					V1106 Her - I	sab	00.13	43	70	sab	01.13	67	60	sab	02.13	81	50	330
sab 22-06-13	20.01	20.55	01.13	02.07	FU Lac - I	sab	20.10	229	21	sab	21.10	236	30	sab	22.10	242	39	36
					G1518.0913 Her - II	sab	21.18	359	70	sab	22.18	36	66	sab	23.18	60	58	316
					V1106 Her - II	sab	21.36	303	65	sab	22.36	335	73	sab	23.36	22	73	331
					BW Peg - II	sab	22.26	272	35	sab	23.26	283	46	dom	00.26	298	56	189
					V691 Her - I	sab	22.46	45	59	sab	23.46	64	50	dom	00.46	78	39	336
					QQ Lyr - I	sab	22.52	295	71	sab	23.52	334	79	dom	00.52	39	77	270
					V473 And - I	sab	23.35	239	30	dom	00.35	246	40	dom	01.35	251	51	-147
					V1106 Her - I	dom	00.39	57	65	dom	01.39	75	55	dom	02.39	87	44	331
dom 23-06-13	20.01	20.55	01.13	02.07	QQ Lyr - II	dom	19.50	259	38	dom	20.50	267	49	dom	21.50	278	60	272
					V691 Her - II	dom	19.54	320	60	dom	20.54	350	65	dom	21.54	24	64	333
					V556 Lyr - I	dom	20.16	257	44	dom	21.16	265	55	dom	22.16	275	66	239
					G1518.0913 Her - II	dom	20.25	329	67	dom	21.25	6	70	dom	22.25	41	65	312
					EZ Lac - I	dom	20.50	223	26	dom	21.50	229	34	dom	22.50	234	42	-46
					V1106 Her - II	dom	22.02	317	69	dom	23.02	359	74	lun	00.02	41	70	331
					V1072 Her - II	dom	23.00	167	82	lun	00.00	128	76	lun	01.00	120	66	148
					FU Lac - II	dom	23.38	250	55	lun	00.38	254	66	lun	01.38	256	77	42
					V473 And - II	dom	23.39	240	32	lun	00.39	246	42	lun	01.39	252	52	-141
					G1518.0913 Her - I	lun	00.16	76	47	lun	01.16	88	36	lun	02.16	97	25	312
					V1106 Her - I	lun	01.06	67	60	lun	02.06	81	49	lun	03.06	92	38	331
lun 24-06-13	20.01	20.55	01.14	02.07	V1106 Her - I	lun	19.25	273	43	lun	20.25	285	54	lun	21.25	302	65	331
					G1518.0913 Her - II	lun	19.33	307	61	lun	20.33	335	68	lun	21.33	14	69	309
					V1187 Cyg - I	lun	19.43	241	33	lun	20.43	247	43	lun	21.43	253	53	164
					V1072 Her - I	lun	20.10	241	62	lun	21.10	237	72	lun	22.10	216	80	148
					V1106 Her - II	lun	22.29	336	73	lun	23.29	22	73	mar	00.29	56	66	331
					G1518.0913 Her - I	lun	23.24	64	56	mar	00.24	79	45	mar	01.24	90	34	309
					V473 And - I	lun	23.44	241	33	mar	00.44	247	43	mar	01.44	253	54	-135
					V691 Her - II	mar	00.05	71	45	mar	01.05	83	34	mar	02.05	93	23	328
mar 25-06-13	20.01	20.55	01.14	02.08	V1106 Her - I	mar	19.52	278	49	mar	20.52	292	60	mar	21.52	316	69	331
					V691 Her - I	mar	21.13	6	65	mar	22.13	37	61	mar	23.13	59	53	325
					G1518.0913 Her - I	mar	22.32	47	63	mar	23.32	67	54	mar	00.32	81	43	305
					V1106 Her - II	mar	22.55	359	74	mar	23.55	42	70	mer	00.55	66	61	331
					V473 And - II	mar	23.49	242	35	mer	00.49	248	45	mer	01.49	254	55	-128
					V1072 Her - I	mer	00.24	122	71	mer	01.24	119	61	mer	02.24	121	51	147
mer 26-06-13	20.01	20.54	01.15	02.08	V556 Lyr - I	mer	19.47	255	41	mer	20.47	262	52	mer	21.47	271	63	245
					V1106 Her - I	mer	20.18	285	55	mer	21.18	302	65	mer	22.18	334	72	331
					BW Peg - I	mer	21.28	265	27	mer	22.28	275	38	mer	23.28	287	49	213
					V1072 Her - II	mer	21.34	230	77	mer	22.34	185	82	mer	23.34	133	78	147
					G1518.0913 Her - I	mer	21.39	23	68	mer	22.39	52	61	mer	23.39	70	52	302
					V1106 Her - II	mer	23.22	23	73	gio	00.22	56	65	gio	01.22	74	55	331
					V473 And - I	mer	23.54	243	36	gio	00.54	249	46	gio	01.54	255	57	-122
gio 27-06-13	20.01	20.54	01.15	02.09	V1187 Cyg - I	gio	20.03	244	38	gio	21.03	250	48	gio	22.03	256	59	174
					V1106 Her - I	gio	20.45	293	60	gio	21.45	316	69	gio	22.45	357	74	331
					G1518.0913 Her - I	gio	20.47	351	69	gio	21.47	30	67	gio	22.47	56	60	298
					V423 Tau - II	gio	20.57	214	16	gio	21.57	221	23	gio	22.57	227	31	-152
					V691 Her - II	gio	22.33	48	58	gio	23.33	66	48	ven	00.33	79	38	317

Day	Sun	Sun	Sun	Sun	Star Name	1h befor Min	Azi	Alt	Time of			1h after Min	Azi	Alt	Helio Corr
	-12°	-18°	-18°	-12°					minimum	Azi	Alt				
					V1106 Her - II	gio 23.48	42	70	ven 00.48	66	61	ven 01.48	81	50	331
					V473 And - II	gio 23.59	244	38	ven 00.59	250	48	ven 01.59	256	58	-115
					G1518.0913 Her - II	ven 00.38	84	40	ven 01.38	94	29	ven 02.38	103	18	298
ven 28-06-13	20.01	20.54	01.16	02.09	V691 Her - I	ven 19.41	323	61	ven 20.41	354	65	ven 21.41	27	63	313
					G1518.0913 Her - I	ven 19.54	323	66	ven 20.54	359	70	ven 21.54	36	66	295
					V1106 Her - I	ven 21.11	303	65	ven 22.11	335	72	ven 23.11	21	73	331
					V1072 Her - I	ven 22.58	150	81	ven 23.58	124	73	sab 00.58	119	63	147
					G1518.0913 Her - II	ven 23.46	74	49	sab 00.46	86	38	sab 01.46	96	27	294
					V473 And - I	sab 00.04	245	39	sab 01.04	251	49	sab 02.04	256	60	-109
					V1106 Her - II	sab 00.15	56	65	sab 01.15	75	55	sab 02.15	87	44	331
sab 29-06-13	20.01	20.54	01.17	02.10	G1518.0913 Her - I	sab 19.02	303	59	sab 20.02	329	67	sab 21.02	7	70	291
					V556 Lyr - I	sab 19.19	252	38	sab 20.19	260	49	sab 21.19	269	60	251
					V1072 Her - II	sab 20.08	240	65	sab 21.08	234	74	sab 22.08	201	82	146
					V1106 Her - I	sab 21.38	317	69	sab 22.38	358	74	sab 23.38	41	70	331
					V423 Tau - II	sab 22.04	223	25	sab 23.04	229	33	dom 00.04	233	42	-140
					QQ Lyr - I	sab 22.33	299	72	sab 23.33	343	79	dom 00.33	45	76	284
					G1518.0913 Her - II	sab 22.53	61	57	sab 23.53	76	47	dom 00.53	88	36	290
					V691 Her - I	sab 23.52	72	44	dom 00.52	84	33	dom 01.52	94	22	309
					V473 And - II	dom 00.09	246	41	dom 01.09	252	51	dom 02.09	257	62	-102
					V1106 Her - II	dom 00.41	67	60	dom 01.41	81	50	dom 02.41	92	38	331
dom 30-06-13	20.00	20.53	01.18	02.10	V1106 Her - II	dom 19.01	272	43	dom 20.01	284	54	dom 21.01	302	65	330
					QQ Lyr - II	dom 19.31	260	39	dom 20.31	269	51	dom 21.31	280	62	286
					EZ Lac - II	dom 20.17	223	25	dom 21.17	228	33	dom 22.17	233	42	-11
					V1187 Cyg - I	dom 20.23	247	43	dom 21.23	253	54	dom 22.23	258	65	183
					FU Lac - II	dom 20.27	235	28	dom 21.27	241	38	dom 22.27	247	48	78
					BW Peg - II	dom 20.30	258	19	dom 21.30	268	30	dom 22.30	278	42	237
					V691 Her - II	dom 21.00	10	65	dom 22.00	40	60	dom 23.00	60	52	305
					G1518.0913 Her - II	dom 22.01	43	65	dom 23.01	64	55	lun 00.01	79	45	286
					V1106 Her - I	dom 22.04	335	73	dom 23.04	22	73	lun 00.04	55	66	330
					V473 And - I	lun 00.14	247	42	lun 01.14	252	52	lun 02.14	258	63	-95
					V1072 Her - II	lun 00.21	120	68	lun 01.21	119	58	lun 02.21	122	49	146
					V1106 Her - II	lun 01.08	75	55	lun 02.08	87	44	lun 03.08	97	33	330