

		Borkum, Südstrand 53°34'37"N 6°39'41"E								Borkum, Fischerbalje 53°33'27"N 6°44'52"E									
Referentievlak :LAT		HW				lw				HW				lw					
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm
1-1	vry					6:28	48	12:26	308	18:38	71	00:07	324	06:34	58	12:36	308	18:44	72
2-1	zat			0:34	314	7:08	51	13:07	299	19:13	75	00:44	324	07:14	61	13:17	299	19:19	76
3-1	zon			1:08	309	7:46	51	13:45	289	19:47	75	01:18	319	07:52	61	13:55	289	19:53	76
4-1	maa			1:43	307	8:23	47	14:25	282	20:26	70	01:53	317	08:29	57	14:35	282	20:32	71
5-1	din	5:45	EK	2:26	307	9:03	42	15:09	280	9:49	39	02:36	317	09:09	52	15:19	280	21:18	65
6-1	woe			3:15	307	9:49	39	16:00	278	22:02	64	03:25	317	09:55	49	16:10	278	22:08	65
7-1	don			4:07	303	10:40	43	16:55	275	22:57	69	04:17	313	10:46	53	17:05	275	23:03	70
8-1	vry			5:03	293	11:37	52	17:58	270	23:59	68	05:13	303	11:43	62	18:08	270	0:05	78
9-1	zat			6:07	291	12:50	68	19:11	257	1:17	69			0:05	78	06:17	291	12:56	69
10-1	zon	20:21	VM			1:17	69	7:27	282	14:06	66	20:26	260	01:23	79	07:37	282	14:12	67
11-1	maa					2:32	59	8:49	280	15:11	58	21:27	271	02:38	69	08:59	280	15:17	59
12-1	din					3:45	43	9:54	284	16:18	49	22:19	284	03:51	53	10:04	284	16:24	50
13-1	woe					4:59	25	10:51	290	17:20	41	23:08	296	05:05	35	11:01	290	17:26	42
14-1	don					5:55	14	11:44	294	18:11	41	23:55	303	06:01	24	11:54	294	18:17	42
15-1	vry					6:43	16	12:32	293	18:56	50			0:05	313	06:49	26	12:42	293
16-1	zat			0:40	305	7:25	31	13:16	287	19:34	66	00:50	315	07:31	41	13:26	287	19:40	67
17-1	zon	13:59	LK	1:20	303	8:04	51	13:53	280	20:06	80	01:30	313	08:10	61	14:03	280	20:12	81
18-1	maa			1:55	301	8:37	66	14:25	275	20:30	87	02:05	311	08:43	76	14:35	275	20:36	88
19-1	din			2:29	300	9:08	71	14:59	274	20:59	84	02:39	310	09:14	81	15:09	274	21:05	85
20-1	woe			3:06	298	9:44	69	15:42	273	21:41	81	03:16	308	09:50	79	15:52	273	21:47	82
21-1	don			3:54	291	10:29	68	16:36	269	22:33	83	04:04	301	10:35	78	16:46	269	22:39	84
22-1	vry			4:54	279	11:22	73	17:32	264	23:36	87	05:04	289	11:28	83	17:42	264	23:42	88
23-1	zat			5:56	267	12:23	81	18:28	263	0:44	82	06:06	277	12:29	91	18:38	263	00:50	92
24-1	zon	22:42	NM			0:44	82	6:55	270	13:27	94	19:25	259	00:50	92	07:05	270	13:33	95
25-1	maa					1:52	81	7:53	272	14:28	91	20:21	272	01:58	91	08:03	272	14:34	92
26-1	din					2:54	74	8:51	281	15:24	83	21:18	289	03:00	84	09:01	281	15:30	84
27-1	woe					3:53	64	9:49	293	16:15	73	22:12	303	03:59	74	09:59	293	16:21	74
28-1	don					4:46	52	10:44	301	17:04	63	23:02	310	04:52	62	10:54	301	17:10	64
29-1	vry					5:34	42	11:35	303	17:48	57	23:46	310	05:40	52	11:45	303	17:54	58
30-1	zat					6:18	33	12:19	299	18:28	53	0:24	305	06:24	43	12:29	299	18:34	54
31-1	zon			0:24	305	6:59	27	12:58	291	19:06	49	00:34	315	07:05	37	13:08	291	19:12	50
1-2	maa			0:57	303	7:37	22	13:33	286	19:41	42	01:07	313	07:43	32	13:43	286	19:47	43
2-2	din	2:41	EK	1:34	306	8:13	18	14:10	285	20:18	36	01:44	316	08:19	28	14:20	285	20:24	37
3-2	woe			2:15	308	8:50	18	14:51	284	20:58	34	02:25	318	08:56	28	15:01	284	21:04	35
4-2	don			3:00	306	9:29	24	15:35	279	21:41	39	03:10	316	09:35	34	15:45	279	21:47	40
5-2	vry			3:47	295	10:12	37	16:24	271	22:30	51	03:57	305	10:18	47	16:34	271	22:36	52
6-2	zat			4:39	278	11:01	52	17:21	260	23:28	65	04:49	288	11:07	62	17:31	260	23:34	66
7-2	zon			5:46	259	12:14	65	18:36	253	1:00	61	05:56	269	12:20	75	18:46	253	01:06	71
8-2	maa				-10	1:00	61	7:20	258	13:51	71	20:05	249	01:06	71	07:30	258	13:57	72
9-2	din	8:33	VM		-10	2:26	49	8:46	263	15:05	59	21:14	267	02:32	59	08:56	263	15:11	60
10-2	woe				-10	3:52	31	9:50	277	16:17	45	22:09	286	03:58	41	10:00	277	16:23	46

Referentievlak :LAT lw

datum dag	maan stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm			
11-2	don		-10	4:56	14	10:45	289	17:14	36	22:58	300			05:02	24	10:55	289	17:20	37	23:08	310	
12-2	vry		-10	5:46	11	11:34	295	18:00	38	23:43	306			05:52	21	11:44	295	18:06	39	23:53	316	
13-2	zat		-10	6:29	20	12:17	293	18:40	48	0:21	306			06:35	30	12:27	293	18:46	49	00:31	316	
14-2	zon		0:21	7:06	36	12:52	287	19:13	60			00:31	316	07:12	46	13:02	287	19:19	61			
15-2	maa	23:17 LK	0:54	7:37	49	13:19	283	19:38	65			01:04	313	07:43	59	13:29	283	19:44	66			
16-2	din		1:23	8:03	51	13:44	283	20:00	60			01:33	311	08:09	61	13:54	283	20:06	61			
17-2	woe		1:53	8:29	47	14:15	285	20:28	53			02:03	311	08:35	57	14:25	285	20:34	54			
18-2	don		2:26	8:59	45	14:52	282	21:03	52			02:36	307	09:05	55	15:02	282	21:09	53			
19-2	vry		3:06	9:33	53	15:37	276	21:44	61			03:16	298	09:39	63	15:47	276	21:50	62			
20-2	zat		3:55	10:12	70	16:28	269	22:33	77			04:05	284	10:18	80	16:38	269	22:39	78			
21-2	zon		4:51	11:02	90	17:25	267	23:35	94			05:01	272	11:08	100	17:35	267	23:41	95			
22-2	maa		5:54	12:08	104	18:28	272	0:48	92			06:04	267	12:14	114	18:38	272	00:54	102			
23-2	din	16:32 NM		-10	0:48	92	7:00	271	13:25	111	19:36	275			00:54	102	07:10	271	13:31	112	19:46	285
24-2	woe			-10	2:05	85	8:12	281	14:41	96	20:49	291			02:11	95	08:22	281	14:47	97	20:59	301
25-2	don			-10	3:20	67	9:29	293	15:48	76	21:52	303			03:26	77	09:39	293	15:54	77	22:02	313
26-2	vry			-10	4:23	47	10:30	300	16:42	58	22:44	307			04:29	57	10:40	300	16:48	59	22:54	317
27-2	zat			-10	5:13	29	11:20	299	17:29	46	23:27	303			05:19	39	11:30	299	17:35	47	23:37	313
28-2	zon			-10	5:58	16	12:02	294	18:10	36	0:03	301			06:04	26	12:12	294	18:16	37	00:13	311
1-3	maa		0:03	6:40	8	12:38	290	18:48	27			00:13	311	06:46	18	12:48	290	18:54	28			
2-3	din	20:57 EK	0:37	7:18	2	13:11	291	19:25	17			00:47	314	07:24	12	13:21	291	19:31	18			
3-3	woe		1:15	7:55	1	13:47	294	20:02	11			01:25	321	08:01	11	13:57	294	20:08	12			
4-3	don		1:58	8:31	5	14:27	294	20:40	13			02:08	323	08:37	15	14:37	294	20:46	14			
5-3	vry		2:43	9:06	17	15:10	287	21:21	23			02:53	314	09:12	27	15:20	287	21:27	24			
6-3	zat		3:31	9:43	35	15:57	274	22:07	40			03:41	295	09:49	45	16:07	274	22:13	41			
7-3	zon		4:27	10:28	55	16:56	259	23:08	58			04:37	270	10:34	65	17:06	259	23:14	59			
8-3	maa		5:43	11:47	72	18:15	252	1:00	54			05:53	249	11:53	82	18:25	252	01:06	64			
9-3	din	18:47 VM		-10	1:00	54	7:16	245	13:41	76	19:48	252			01:06	64	07:26	245	13:47	77	19:58	262
10-3	woe			-10	2:24	42	8:40	260	14:58	61	21:00	275			02:30	52	08:50	260	15:04	62	21:10	285
11-3	don			-10	3:45	25	9:42	281	16:07	45	21:55	297			03:51	35	09:52	281	16:13	46	22:05	307
12-3	vry			-10	4:42	14	10:35	294	16:59	37	22:43	308			04:48	24	10:45	294	17:05	38	22:53	318
13-3	zat			-10	5:28	16	11:20	297	17:42	40	23:23	308			05:34	26	11:30	297	17:48	41	23:33	318
14-3	zon			-10	6:07	27	11:55	291	18:18	49	23:54	302			06:13	37	12:05	291	18:24	50	0:04	312
15-3	maa				6:39	37	12:18	286	18:46	52			0:04	312	06:45	47	12:28	286	18:52	53		
16-3	din	10:34 LK	0:21	7:04	38	12:39	288	19:07	45			00:31	309	07:10	48	12:49	288	19:13	46			
17-3	woe		0:49	7:28	31	13:08	294	19:31	35			00:59	309	07:34	41	13:18	294	19:37	36			
18-3	don		1:22	7:54	27	13:42	297	20:01	32			01:32	309	08:00	37	13:52	297	20:07	33			
19-3	vry		1:57	8:22	35	14:17	293	20:33	42			02:07	304	08:28	45	14:27	293	20:39	43			
20-3	zat		2:34	8:48	54	14:53	287	21:06	60			02:44	294	08:54	64	15:03	287	21:12	61			
21-3	zon		3:14	9:16	76	15:32	283	21:47	80			03:24	283	09:22	86	15:42	283	21:53	81			
22-3	maa		4:03	9:59	97	16:25	282	22:46	98			04:13	275	10:05	107	16:35	282	22:52	99			
23-3	din		5:04	11:06	110	17:31	286	0:00	103			05:14	272	11:12	120	17:41	286	00:06	104			
24-3	woe	10:28 NM		-10	0:00	103	6:13	275	12:26	117	18:46	284			00:06	104	06:23	275	12:32	118	18:56	294
25-3	don			-10	1:19	83	7:34	282	13:48	99	20:11	294			01:25	93	07:44	282	13:54	100	20:21	304
26-3	vry			-10	2:40	60	9:01	292	15:08	75	21:22	302			02:46	70	09:11	292	15:14	76	21:32	312
27-3	zat			-10	3:50	36	10:05	298	16:11	55	22:16	303			03:56	46	10:15	298	16:17	56	22:26	313

Referentievlak :LAT lw

datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm						
28-3	zon				-10	5:45	10	11:55	296	18:01	41	23:59	300			05:51	20	12:05	296	18:07	42	0:09	310
29-3	maa					6:32	0	12:36	292	18:45	30			0:09	310	06:38	10	12:46	292	18:51	31		
30-3	din			0:36	300	7:15	0	13:10	292	19:26	18	00:46	310	07:21	10	13:20	292	19:32	19				
31-3	woe			1:13	306	7:54	-10	13:44	298	20:05	6,2	01:23	316	08:00	0	13:54	298	20:11	7				
1-4	don	12:21	EK	1:56	312	8:33	-10	14:22	304	20:44	0,2	02:06	322	08:39	0	14:32	304	20:50	1				
2-4	vry			2:41	309	9:09	0	15:04	303	21:24	4,2	02:51	319	09:15	10	15:14	303	21:30	5				
3-4	zat			3:30	293	9:43	10	15:49	294	22:05	19	03:40	303	09:49	20	15:59	294	22:11	20				
4-4	zon			4:21	268	10:18	30	16:39	279	22:53	40	04:31	278	10:24	40	16:49	279	22:59	41				
5-4	maa			5:22	244	11:02	60	17:40	265	0:18	50	05:32	254	11:08	70	17:50	265	00:24	60				
6-4	din				-10	0:18	50	6:36	240	13:01	89	18:59	252			00:24	60	06:46	240	13:07	90	19:09	262
7-4	woe				-10	1:52	50	8:06	245	14:24	81	20:30	267			01:58	60	08:16	245	14:30	82	20:40	277
8-4	don	4:35	VM		-10	3:09	40	9:26	266	15:37	66	21:41	292			03:15	50	09:36	266	15:43	67	21:51	302
9-4	vry				-10	4:25	20	10:27	288	16:45	50	22:36	310			04:31	30	10:37	288	16:51	51	22:46	320
10-4	zat				-10	5:19	10	11:18	298	17:36	41	23:22	312			05:25	20	11:28	298	17:42	42	23:32	322
11-4	zon				-10	6:03	20	11:59	295	18:18	42	23:57	304			06:09	30	12:09	295	18:24	43	0:07	314
12-4	maa					6:39	20	12:25	287	18:51	44			0:07	314	06:45	30	12:35	287	18:57	45		
13-4	din			0:24	294	7:07	30	12:42	286	19:16	40	00:34	304	07:13	40	12:52	286	19:22	41				
14-4	woe			0:51	292	7:31	20	13:07	294	19:39	29	01:01	302	07:37	30	13:17	294	19:45	30				
15-4	don	0:56	LK	1:24	295	7:58	10	13:43	303	20:08	23	01:34	305	08:04	20	13:53	303	20:14	24				
16-4	vry			2:03	296	8:28	20	14:21	306	20:41	31	02:13	306	08:34	30	14:31	306	20:47	32				
17-4	zat			2:42	291	8:57	40	14:57	302	21:13	50	02:52	301	09:03	50	15:07	302	21:19	51				
18-4	zon			3:18	281	9:20	60	15:28	297	21:43	72	03:28	291	09:26	70	15:38	297	21:49	73				
19-4	maa			3:54	272	9:45	80	16:02	295	22:22	88	04:04	282	09:51	90	16:12	295	22:28	89				
20-4	din			4:39	266	10:27	90	16:53	297	23:20	94	04:49	276	10:33	100	17:03	297	23:26	95				
21-4	woe			5:37	266	11:36	100	17:57	301	0:31	80	05:47	276	11:42	110	18:07	301	00:37	90				
22-4	don				-10	0:31	80	6:46	279	12:52	104	19:09	295			00:37	90	06:56	279	12:58	105	19:19	305
23-4	vry	4:26	NM		-10	1:45	60	8:07	286	14:09	87	20:32	299			01:51	70	08:17	286	14:15	88	20:42	309
24-4	zat				-10	3:02	40	9:31	294	15:27	67	21:47	303			03:08	50	09:41	294	15:33	68	21:57	313
25-4	zon				-10	4:13	20	10:35	299	16:34	51	22:43	303			04:19	30	10:45	299	16:40	52	22:53	313
26-4	maa				-10	5:11	10	11:25	298	17:30	39	23:29	302			05:17	20	11:35	298	17:36	40	23:39	312
27-4	din				-10	6:02	0	12:06	295	18:18	28	0:09	303			06:08	10	12:16	295	18:24	29	00:19	313
28-4	woe			0:09	303	6:47	0	12:42	299	19:02	14			00:19	313	06:53	10	12:52	299	19:08	15		
29-4	don			0:52	307	7:29	-10	13:19	306	19:45	1,2	01:02	317	07:35	0	13:29	306	19:51	2				
30-4	vry	22:38	EK	1:39	307	8:11	-10	14:01	312	20:29	-0,8	01:49	317	08:17	0	14:11	312	20:35	0				
1-5	zat			2:28	299	8:50	0	14:46	310	21:13	3,2	02:38	309	08:56	10	14:56	310	21:19	4				
2-5	zon			3:19	280	9:26	20	15:33	301	21:59	21	03:29	290	09:32	30	15:43	301	22:05	22				
3-5	maa			4:13	258	10:02	40	16:24	289	22:57	44	04:23	268	10:08	50	16:34	289	23:03	45				
4-5	din			5:12	241	10:48	60	17:25	282	0:18	50	05:22	251	10:54	70	17:35	282	00:24	60				
5-5	woe				-10	0:18	50	6:20	247	12:40	89	18:37	275			00:24	60	06:30	247	12:46	90	18:47	285
6-5	don				-10	1:27	50	7:38	256	13:52	82	19:58	289			01:33	60	07:48	256	13:58	83	20:08	299
7-5	vry	12:45	VM		-10	2:32	40	8:54	275	14:58	69	21:08	306			02:38	50	09:04	275	15:04	70	21:18	316
8-5	zat				-10	3:43	30	9:55	290	16:06	55	22:04	313			03:49	40	10:05	290	16:12	56	22:14	323
9-5	zon				-10	4:43	20	10:45	294	17:02	45	22:49	306			04:49	30	10:55	294	17:08	46	22:59	316
10-5	maa				-10	5:28	20	11:23	288	17:45	41	23:24	292			05:34	30	11:33	288	17:51	42	23:34	302
11-5	din				-10	6:02	20	11:45	283	18:19	38	23:51	284			06:08	30	11:55	283	18:25	39	0:01	294

Referentievlak :LAT lw

datum dag	maan stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm					
12-5	woe			6:31	20	12:07	289	18:46	31			0:01	294	06:37	30	12:17	289	18:52	32					
13-5	don	0:23	286	6:59	10	12:40	302	19:14	24			00:33	296	07:05	20	12:50	302	19:20	25					
14-5	vry	16:03	LK	1:03	294	7:32	10	13:21	313	19:48	25			01:13	304	07:38	20	13:31	313	19:54	26			
15-5	zat			1:47	298	8:06	30	14:03	317	20:24	39			01:57	308	08:12	40	14:13	317	20:30	40			
16-5	zon			2:29	294	8:37	50	14:41	313	20:58	60			02:39	304	08:43	60	14:51	313	21:04	61			
17-5	maa			3:07	284	9:04	70	15:12	308	21:31	76			03:17	294	09:10	80	15:22	308	21:37	77			
18-5	din			3:42	274	9:32	80	15:46	307	22:11	81			03:52	284	09:38	90	15:56	307	22:17	82			
19-5	woe			4:25	269	10:17	80	16:34	310	23:05	75			04:35	279	10:23	90	16:44	310	23:11	76			
20-5	don			5:20	269	11:19	80	17:33	312	0:07	50			05:30	279	11:25	90	17:43	312	00:13	60			
21-5	vry				-10	0:07	50	6:24	283	12:25	81	18:38	303			00:13	60	06:34	283	12:31	82	18:48	313	
22-5	zat	19:39	NM		-10	1:14	40	7:37	288	13:35	70	19:51	303			01:20	50	07:47	288	13:41	71	20:01	313	
23-5	zon				-10	2:25	20	8:54	293	14:47	60	21:06	303			02:31	30	09:04	293	14:53	61	21:16	313	
24-5	maa				-10	3:33	10	10:00	296	15:55	51	22:06	302			03:39	20	10:10	296	16:01	52	22:16	312	
25-5	din				-10	4:34	10	10:52	296	16:54	41	22:56	301			04:40	20	11:02	296	17:00	42	23:06	311	
26-5	woe				-10	5:28	10	11:35	298	17:48	28	23:44	300			05:34	20	11:45	298	17:54	29	23:54	310	
27-5	don				-10	6:18	0	12:14	303	18:40	13	0:34	300			06:24	10	12:24	303	18:46	14	00:44	310	
28-5	vry			0:34	300	7:06	0	12:57	311	19:30	0,2			00:44	310	07:12	10	13:07	311	19:36	1			
29-5	zat			1:26	297	7:52	0	13:44	316	20:20	-0,8			01:36	307	07:58	10	13:54	316	20:26	0			
30-5	zon	5:30	EK		2:18	287	8:37	10	14:31	314	21:10	10			02:28	297	08:43	20	14:41	314	21:16	11		
31-5	maa				3:10	273	9:20	30	15:20	308	22:01	30			03:20	283	09:26	40	15:30	308	22:07	31		
1-6	din				4:01	258	10:02	50	16:09	302	22:55	51			04:11	268	10:08	60	16:19	302	23:01	52		
2-6	woe				4:55	250	10:52	60	17:05	301	23:53	63			05:05	260	10:58	70	17:15	301	23:59	64		
3-6	don				5:53	251	12:03	70	18:08	305	0:51	50			06:03	261	12:09	80	18:18	305	00:57	60		
4-6	vry				-10	0:51	50	6:55	267	13:09	82	19:15	301			00:57	60	07:05	267	13:15	83	19:25	311	
5-6	zat	21:12	VM		-10	1:48	40	8:02	276	14:11	71	20:22	304			01:54	50	08:12	276	14:17	72	20:32	314	
6-6	zon				-10	2:47	40	9:05	281	15:13	61	21:21	299			02:53	50	09:15	281	15:19	62	21:31	309	
7-6	0-1				-10	3:48	30	9:58	281	16:16	52	22:10	288			03:54	40	10:08	281	16:22	53	22:20	298	
8-6	din				-10	4:40	30	10:36	278	17:06	46	22:48	277			04:46	40	10:46	278	17:12	47	22:58	287	
9-6	woe				-10	5:20	30	11:03	281	17:43	43	23:21	276			05:26	40	11:13	281	17:49	44	23:31	286	
10-6	don				-10	5:56	30	11:36	293	18:17	39	23:59	284			06:02	40	11:46	293	18:23	40	0:09	294	
11-6	vry					6:31	30	12:16	309	18:52	36			0:09	294	06:37	40	12:26	309	18:58	37			
12-6	zat			0:44	294	7:09	30	13:01	321	19:30	40			00:54	304	07:15	40	13:11	321	19:36	41			
13-6	zon	8:24	LK		1:31	299	7:46	40	13:45	324	20:09	51			01:41	309	07:52	50	13:55	324	20:15	52		
14-6	maa				2:15	295	8:20	60	14:23	320	20:45	63			02:25	305	08:26	70	14:33	320	20:51	64		
15-6	din				2:53	284	8:51	70	14:55	314	21:21	69			03:03	294	08:57	80	15:05	314	21:27	70		
16-6	woe				3:29	274	9:23	70	15:30	313	22:01	65			03:39	284	09:29	80	15:40	313	22:07	66		
17-6	don				4:10	269	10:07	60	16:15	315	22:48	55			04:20	279	10:13	70	16:25	315	22:54	56		
18-6	vry				5:00	270	10:59	60	17:08	316	23:41	46			05:10	280	11:05	70	17:18	316	23:47	47		
19-6	zat				5:56	272	11:57	50	18:06	315	0:40	30			06:06	282	12:03	60	18:16	315	00:46	40		
20-6	zon				-10	0:40	30	7:00	283	12:59	64	19:09	300			00:46	40	07:10	283	13:05	65	19:19	310	
21-6	maa	8:41	NM		-10	1:45	30	8:11	283	14:07	65	20:19	295			01:51	40	08:21	283	14:13	66	20:29	305	
22-6	din				-10	2:56	30	9:20	285	15:18	60	21:28	291			03:02	40	09:30	285	15:24	61	21:38	301	
23-6	woe				-10	3:59	30	10:18	288	16:22	49	22:31	289			04:05	40	10:28	288	16:28	50	22:41	299	
24-6	don				-10	4:57	20	11:08	294	17:26	34	23:30	289			05:03	30	11:18	294	17:32	35	23:40	299	
25-6	vry				-10	5:56	20	11:56	303	18:29	19	0:26	289			06:02	30	12:06	303	18:35	20	00:36	299	

Referentievlak :LAT lw

datum dag	maan stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
26-6	zat	0:26	289	6:52	10	12:45	312	19:26	9,2			00:36	299	06:58	20	12:55	312	19:32	10		
27-6	zon	1:21	287	7:45	10	13:34	317	20:18	11			01:31	297	07:51	20	13:44	317	20:24	12		
28-6	maa	10:16	EK	2:12	281	8:32	20	14:22	317	21:07	26	02:22	291	08:38	30	14:32	317	21:13	27		
29-6	din	3:01	272	9:16	40	15:08	314	21:52	46			03:11	282	09:22	50	15:18	314	21:58	47		
30-6	woe	3:47	263	9:56	60	15:52	312	22:35	63			03:57	273	10:02	70	16:02	312	22:41	64		
1-7	don	4:32	259	10:34	70	16:39	312	23:19	71			04:42	269	10:40	80	16:49	312	23:25	72		
2-7	vry	5:19	260	11:20	70	17:32	311	0:08	60			05:29	270	11:26	80	17:42	311	00:14	70		
3-7	zat		-10	0:08	60	6:11	272	12:19	81	18:31	298			00:14	70	06:21	272	12:25	82	18:41	308
4-7	zon		-10	1:02	50	7:07	273	13:22	76	19:33	290			01:08	60	07:17	273	13:28	77	19:43	300
5-7	maa	6:44	VM	-10	2:00	50	8:05	272	14:25	71	20:34	280		02:06	60	08:15	272	14:31	72	20:44	290
6-7	din		-10	2:58	50	9:02	272	15:27	66	21:30	272		03:04	60	09:12	272	15:33	67	21:40	282	
7-7	woe		-10	3:54	50	9:52	277	16:25	63	22:18	271		04:00	60	10:02	277	16:31	64	22:28	281	
8-7	don		-10	4:44	50	10:34	288	17:13	60	23:00	277		04:50	60	10:44	288	17:19	61	23:10	287	
9-7	vry		-10	5:29	50	11:17	304	17:56	57	23:45	287		05:35	60	11:27	304	18:02	58	23:55	297	
10-7	zat		-10	6:11	50	12:02	319	18:38	55	0:33	297			06:17	60	12:12	319	18:44	56	00:43	307
11-7	zon	0:33	297	6:53	50	12:48	327	19:19	54			00:43	307	06:59	60	12:58	327	19:25	55		
12-7	maa	1:19	299	7:32	50	13:31	327	19:59	56			01:29	309	07:38	60	13:41	327	20:05	57		
13-7	din	1:29	LK	2:02	293	8:08	60	14:08	322	20:36	57	02:12	303	08:14	70	14:18	322	20:42	58		
14-7	woe		2:41	282	8:41	60	14:40	317	21:12	55		02:51	292	08:47	70	14:50	317	21:18	56		
15-7	don		3:16	275	9:14	50	15:15	317	21:49	50		03:26	285	09:20	60	15:25	317	21:55	51		
16-7	vry		3:54	272	9:54	50	15:57	319	22:29	45		04:04	282	10:00	60	16:07	319	22:35	46		
17-7	zat		4:38	272	10:39	40	16:44	318	23:15	45		04:48	282	10:45	50	16:54	318	23:21	46		
18-7	zon		5:27	272	11:29	50	17:36	313	0:06	40		05:37	282	11:35	60	17:46	313	00:12	50		
19-7	maa		-10	0:06	40	6:22	279	12:25	68	18:34	292			00:12	50	06:32	279	12:31	69	18:44	302
20-7	din	19:33	NM	-10	1:07	50	7:28	275	13:32	75	19:45	281		01:13	60	07:38	275	13:38	76	19:55	291
21-7	woe		-10	2:24	50	8:46	276	14:54	71	21:10	276		02:30	60	08:56	276	15:00	72	21:20	286	
22-7	don		-10	3:36	40	9:57	285	16:07	57	22:25	279		03:42	50	10:07	285	16:13	58	22:35	289	
23-7	vry		-10	4:42	40	10:55	298	17:25	39	23:27	285		04:48	50	11:05	298	17:31	40	23:37	295	
24-7	zat		-10	5:50	30	11:47	312	18:30	24	0:22	289			05:56	40	11:57	312	18:36	25	00:32	299
25-7	zon	0:22	289	6:48	20	12:37	322	19:23	20			00:32	299	06:54	30	12:47	322	19:29	21		
26-7	maa	1:14	290	7:38	30	13:25	326	20:10	28			01:24	300	07:44	40	13:35	326	20:16	29		
27-7	din	14:33	EK	2:03	285	8:21	40	14:08	326	20:52	46	02:13	295	08:27	50	14:18	326	20:58	47		
28-7	woe		2:45	278	9:00	50	14:48	322	21:29	63		02:55	288	09:06	60	14:58	322	21:35	64		
29-7	don		3:21	271	9:32	60	15:25	320	22:03	73		03:31	281	09:38	70	15:35	320	22:09	74		
30-7	vry		3:56	269	10:00	70	16:03	317	22:38	74		04:06	279	10:06	80	16:13	317	22:44	75		
31-7	zat		4:35	269	10:34	60	16:48	311	23:18	73		04:45	279	10:40	70	16:58	311	23:24	74		
1-8	zon		5:23	268	11:21	60	17:42	301	0:08	60		05:33	278	11:27	70	17:52	301	00:14	70		
2-8	maa		-10	0:08	60	6:16	275	12:21	84	18:42	279			00:14	70	06:26	275	12:27	85	18:52	289
3-8	din	17:59	VM	-10	1:06	70	7:12	273	13:29	90	19:43	270		01:12	80	07:22	273	13:35	91	19:53	280
4-8	woe		-10	2:10	80	8:10	276	14:38	93	20:45	269		02:16	90	08:20	276	14:44	94	20:55	279	
5-8	don		-10	3:14	80	9:11	288	15:46	91	21:48	276		03:20	90	09:21	288	15:52	92	21:58	286	
6-8	vry		-10	4:13	80	10:11	305	16:47	84	22:45	288		04:19	90	10:21	305	16:53	85	22:55	298	
7-8	zat		-10	5:06	70	11:03	323	17:37	75	23:35	299		05:12	80	11:13	323	17:43	76	23:45	309	
8-8	zon		-10	5:53	60	11:51	334	18:23	65	0:22	303			05:59	70	12:01	334	18:29	66	00:32	313
9-8	maa		0:22	303	6:37	50	12:35	336	19:05	56		00:32	313	06:43	60	12:45	336	19:11	57		

Referentievlak :LAT lw

datum dag	maan stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
10-8	din	1:07	301	7:17	50	13:14	332	19:44	50			01:17	311	07:23	60	13:24	332	19:50	51		
11-8	woe 18:45 LK	1:47	294	7:53	50	13:49	327	20:21	45			01:57	304	07:59	60	13:59	327	20:27	46		
12-8	don	2:22	287	8:26	40	14:21	326	20:56	42			02:32	297	08:32	50	14:31	326	21:02	43		
13-8	vry	2:56	284	9:00	40	14:57	328	21:31	41			03:06	294	09:06	50	15:07	328	21:37	42		
14-8	zat	3:32	284	9:37	40	15:38	328	22:08	44			03:42	294	09:43	50	15:48	328	22:14	45		
15-8	zon	4:13	284	10:18	40	16:23	322	22:48	52			04:23	294	10:24	50	16:33	322	22:54	53		
16-8	maa	4:59	279	11:03	50	17:13	309	23:34	66			05:09	289	11:09	60	17:23	309	23:40	67		
17-8	din	5:51	272	11:56	60	18:12	291	0:31	70			06:01	282	12:02	70	18:22	291	00:37	80		
18-8	woe		-10	0:31	70	7:00	275	13:09	85	19:38	268			00:37	80	07:10	275	13:15	86	19:48	278
19-8	don 4:42 NM		-10	2:08	70	8:27	278	14:49	78	21:09	269			02:14	80	08:37	278	14:55	79	21:19	279
20-8	vry		-10	3:27	60	9:44	293	16:11	61	22:21	280			03:33	70	09:54	293	16:17	62	22:31	290
21-8	zat		-10	4:39	50	10:43	313	17:27	42	23:20	293			04:45	60	10:53	313	17:33	43	23:30	303
22-8	zon		-10	5:45	40	11:35	330	18:23	32	0:13	299			05:51	50	11:45	330	18:29	33	00:23	309
23-8	maa	0:13	299	6:38	30	12:23	338	19:10	36			00:23	309	06:44	40	12:33	338	19:16	37		
24-8	din	1:00	298	7:23	40	13:06	338	19:51	50			01:10	308	07:29	50	13:16	338	19:57	51		
25-8	woe 19:58 EK	1:41	291	8:01	50	13:43	333	20:26	65			01:51	301	08:07	60	13:53	333	20:32	66		
26-8	don	2:12	284	8:32	60	14:14	328	20:56	73			02:22	294	08:38	70	14:24	328	21:02	74		
27-8	vry	2:39	281	8:57	60	14:45	324	21:23	72			02:49	291	09:03	70	14:55	324	21:29	73		
28-8	zat	3:08	283	9:21	60	15:19	320	21:52	71			03:18	293	09:27	70	15:29	320	21:58	72		
29-8	zon	3:43	283	9:53	60	15:57	311	22:26	77			03:53	293	09:59	70	16:07	311	22:32	78		
30-8	maa	4:27	280	10:32	70	16:45	299	23:06	94			04:37	290	10:38	80	16:55	299	23:12	95		
31-8	din	5:18	275	11:21	80	17:43	287	23:56	100			05:28	285	11:27	90	17:53	287	0:02	110		
1-9	woe	6:15	283	12:23	116	18:46	270	1:01	120					0:02	110	06:25	283	12:29	117	18:56	280
2-9	don 7:22 VM		-10	1:01	120	7:17	288	13:37	127	19:52	273			01:07	130	07:27	288	13:43	128	20:02	283
3-9	vry		-10	2:18	120	8:25	302	14:58	123	21:05	284			02:24	130	08:35	302	15:04	124	21:15	294
4-9	zat		-10	3:34	110	9:38	321	16:13	106	22:17	298			03:40	120	09:48	321	16:19	107	22:27	308
5-9	zon		-10	4:36	90	10:38	336	17:10	85	23:13	307			04:42	100	10:48	336	17:16	86	23:23	317
6-9	maa		-10	5:27	70	11:28	342	17:58	67	0:01	307			05:33	80	11:38	342	18:04	68	00:11	317
7-9	din	0:01	307	6:12	60	12:10	339	18:41	54			00:11	317	06:18	70	12:20	339	18:47	55		
8-9	woe	0:43	302	6:53	50	12:47	333	19:20	46			00:53	312	06:59	60	12:57	333	19:26	47		
9-9	don	1:21	296	7:30	40	13:20	332	19:58	40			01:31	306	07:36	50	13:30	332	20:04	41		
10-9	vry 11:26 LK	1:54	295	8:05	40	13:55	335	20:34	38			02:04	305	08:11	50	14:05	335	20:40	39		
11-9	zat	2:27	297	8:40	30	14:35	338	21:09	41			02:37	307	08:46	40	14:45	338	21:15	42		
12-9	zon	3:05	300	9:17	30	15:18	333	21:44	50			03:15	310	09:23	40	15:28	333	21:50	51		
13-9	maa	3:47	297	9:57	40	16:05	318	22:21	65			03:57	307	10:03	50	16:15	318	22:27	66		
14-9	din	4:33	288	10:41	50	16:59	296	23:04	84			04:43	298	10:47	60	17:09	296	23:10	85		
15-9	woe	5:29	276	11:36	70	18:10	275	0:03	90			05:39	286	11:42	80	18:20	275	00:09	100		
16-9	don		-10	0:03	90	6:45	279	13:18	95	19:39	257			00:09	100	06:55	279	13:24	96	19:49	267
17-9	vry 13:00 NM		-10	2:07	90	8:14	286	14:51	82	21:07	268			02:13	100	08:24	286	14:57	83	21:17	278
18-9	zat		-10	3:20	80	9:31	308	16:11	64	22:15	288			03:26	90	09:41	308	16:17	65	22:25	298
19-9	zon		-10	4:32	60	10:30	331	17:16	49	23:10	303			04:38	70	10:40	331	17:22	50	23:20	313
20-9	maa		-10	5:33	50	11:20	345	18:07	45	0:00	307			05:39	60	11:30	345	18:13	46	00:10	317
21-9	din	0:00	316	6:21	50	12:04	347	18:50	53			00:10	317	06:27	60	12:14	347	18:56	54		
22-9	woe	0:41	301	7:02	60	12:40	339	19:26	66			00:51	311	07:08	70	12:50	339	19:32	67		
23-9	don	1:10	293	7:35	60	13:09	331	19:55	73			01:20	303	07:41	70	13:19	331	20:01	74		

Referentievlak :LAT lw

datum dag	maan stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
24-9	vry 3:55 EK	1:31	290	8:00	60	13:38	326	20:19	71			01:41	300	08:06	70	13:48	326	20:25	72		
25-9	zat	1:55	293	8:21	60	14:09	324	20:43	68			02:05	303	08:27	70	14:19	324	20:49	69		
26-9	zon	2:27	298	8:48	50	14:44	319	21:13	74			02:37	308	08:54	60	14:54	319	21:19	75		
27-9	maa	3:04	297	9:21	60	15:21	310	21:42	92			03:14	307	09:27	70	15:31	310	21:48	93		
28-9	din	3:42	293	9:55	80	16:02	298	22:11	117			03:52	303	10:01	90	16:12	298	22:17	118		
29-9	woe	4:23	289	10:36	100	16:51	289	22:48	141			04:33	299	10:42	110	17:01	289	22:54	142		
30-9	don	5:16	288	11:32	120	17:52	285	23:50	156			05:26	298	11:38	130	18:02	285	23:56	157		
1-10	vry 23:05 VM	6:20	293	12:44	130	19:02	288	1:08	140			06:30	303	12:50	140	19:12	288	01:14	150		
2-10	zat		-10	1:08	140	7:34	314	14:03	135	20:22	289			01:14	150	07:44	314	14:09	136	20:32	299
3-10	zon		-10	2:31	130	8:55	328	15:25	110	21:42	302			02:37	140	09:05	328	15:31	111	21:52	312
4-10	maa		-10	3:50	100	10:03	339	16:32	83	22:43	310			03:56	110	10:13	339	16:38	84	22:53	320
5-10	din		-10	4:51	80	10:55	342	17:24	63	23:32	310			04:57	90	11:05	342	17:30	64	23:42	320
6-10	woe		-10	5:41	60	11:39	337	18:10	52	0:14	305			05:47	70	11:49	337	18:16	53	00:24	315
7-10	don	0:14	305	6:24	50	12:16	333	18:51	46			00:24	315	06:30	60	12:26	333	18:57	47		
8-10	vry	0:49	302	7:04	40	12:50	335	19:31	42			00:59	312	07:10	50	13:00	335	19:37	43		
9-10	zat	1:21	305	7:42	30	13:29	339	20:09	41			01:31	315	07:48	40	13:39	339	20:15	42		
10-10	zon 2:39 LK	1:57	310	8:20	30	14:14	338	20:45	46			02:07	320	08:26	40	14:24	338	20:51	47		
11-10	maa	2:39	313	8:59	30	15:02	326	21:21	58			02:49	323	09:05	40	15:12	326	21:27	59		
12-10	din	3:24	307	9:41	40	15:54	304	21:57	76			03:34	317	09:47	50	16:04	304	22:03	77		
13-10	woe	4:13	295	10:27	60	16:54	279	22:40	98			04:23	305	10:33	70	17:04	279	22:46	99		
14-10	don	5:13	283	11:33	80	18:08	263	23:50	117			05:23	293	11:39	90	18:18	263	23:56	118		
15-10	vry	6:30	278	13:25	80	19:34	265	1:54	100			06:40	288	13:31	90	19:44	265	02:00	110		
16-10	zat 21:31 NM		-10	1:54	100	7:57	299	14:38	83	20:57	273			02:00	110	08:07	299	14:44	84	21:07	283
17-10	zon		-10	3:02	80	9:13	323	15:52	68	22:01	296			03:08	90	09:23	323	15:58	69	22:11	306
18-10	maa		-10	4:12	70	10:11	343	16:55	55	22:54	310			04:18	80	10:21	343	17:01	56	23:04	320
19-10	din		-10	5:11	60	11:00	350	17:43	52	23:40	309			05:17	70	11:10	350	17:49	53	23:50	319
20-10	woe		-10	5:59	50	11:41	342	18:23	59	0:14	300			06:05	60	11:51	342	18:29	60	00:24	310
21-10	don	0:14	300	6:37	60	12:12	329	18:55	67			00:24	310	06:43	70	12:22	329	19:01	68		
22-10	vry	0:33	293	7:07	60	12:38	321	19:20	68			00:43	303	07:13	70	12:48	321	19:26	69		
23-10	zat 15:23 EK	0:52	296	7:30	50	13:08	319	19:43	64			01:02	306	07:36	60	13:18	319	19:49	65		
24-10	zon	1:23	305	7:54	50	13:45	320	20:13	66			01:33	315	08:00	60	13:55	320	20:19	67		
25-10	maa	2:01	310	8:26	50	14:25	316	20:44	83			02:11	320	08:32	60	14:35	316	20:50	84		
26-10	din	2:39	309	8:59	70	15:03	308	21:11	109			02:49	319	09:05	80	15:13	308	21:17	110		
27-10	woe	3:14	305	9:32	90	15:39	298	21:33	133			03:24	315	09:38	100	15:49	298	21:39	134		
28-10	don	3:47	303	10:08	110	16:22	291	22:06	148			03:57	313	10:14	120	16:32	291	22:12	149		
29-10	vry	4:34	304	11:01	120	17:18	289	23:10	153			04:44	314	11:07	130	17:28	289	23:16	154		
30-10	zat	5:36	308	12:08	120	18:26	293	0:26	130			05:46	318	12:14	130	18:36	293	00:32	140		
31-10	zon 15:49 VM		-10	0:26	130	5:45	323	12:20	115	18:45	292			00:32	140	05:55	323	12:26	116	18:55	302
1-11	maa		-10	0:41	119	7:05	330	13:34	91	20:03	303			00:47	129	07:15	330	13:40	92	20:13	313
2-11	din		-10	1:57	96	8:21	335	14:45	68	21:07	311			02:03	106	08:31	335	14:51	69	21:17	321
3-11	woe		-10	3:06	76	9:18	336	15:43	54	21:59	312			03:12	86	09:28	336	15:49	55	22:09	322
4-11	don		-10	4:03	63	10:04	333	16:34	47	22:41	309			04:09	73	10:14	333	16:40	48	22:51	319
5-11	vry		-10	4:51	54	10:44	332	17:19	44	23:16	309			04:57	64	10:54	332	17:25	45	23:26	319
6-11	zat		-10	5:36	43	11:23	333	18:02	41	23:50	314			05:42	53	11:33	333	18:08	42	0:00	324
7-11	zon			6:19	31	12:09	333	18:43	40			0:00	324	06:25	41	12:19	333	18:49	41		

Referentievlak :LAT lw

datum dag	maan stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
8-11 maa	14:46 LK	0:30	320	7:03	23	12:59	327	19:23	46			00:40	330	07:09	33	13:09	327	19:29	47		
9-11 din		1:16	320	7:47	26	13:50	311	20:02	59			01:26	330	07:53	36	14:00	311	20:08	60		
10-11 woe		2:04	314	8:33	39	14:45	290	20:40	79			02:14	324	08:39	49	14:55	290	20:46	80		
11-11 don		2:56	303	9:28	60	15:45	271	21:25	100			03:06	313	09:34	70	15:55	271	21:31	101		
12-11 vry		3:56	294	10:49	76	16:53	263	23:06	115			04:06	304	10:55	86	17:03	263	23:12	116		
13-11 zat		5:07	293	12:03	79	18:08	269	0:24	102			05:17	303	12:09	89	18:18	269	00:30	112		
14-11 zon			-10	0:24	102	6:25	312	13:06	81	19:25	275			00:30	112	06:35	312	13:12	82	19:35	285
15-11 maa	6:07 NM		-10	1:28	89	7:39	328	14:11	71	20:29	292			01:34	99	07:49	328	14:17	72	20:39	302
16-11 din			-10	2:34	75	8:39	337	15:18	61	21:23	300			02:40	85	08:49	337	15:24	62	21:33	310
17-11 woe			-10	3:38	63	9:30	334	16:09	56	22:06	297			03:44	73	09:40	334	16:15	57	22:16	307
18-11 don			-10	4:28	56	10:10	321	16:48	59	22:36	290			04:34	66	10:20	321	16:54	60	22:46	300
19-11 vry			-10	5:07	54	10:41	308	17:18	63	22:53	290			05:13	64	10:51	308	17:24	64	23:03	300
20-11 zat			-10	5:37	52	11:09	305	17:44	62	23:20	300			05:43	62	11:19	305	17:50	63	23:30	310
21-11 zon			-10	6:02	48	11:45	310	18:13	61	23:57	312			06:08	58	11:55	310	18:19	62	0:07	322
22-11 maa	5:45 EK			6:32	47	12:27	316	18:48	69					06:38	57	12:37	316	18:54	70		
23-11 din		0:40	319	7:07	57	13:10	316	19:21	89			00:50	329	07:13	67	13:20	316	19:27	90		
24-11 woe		1:19	319	7:42	76	13:49	308	19:49	112			01:29	329	07:48	86	13:59	308	19:55	113		
25-11 don		1:51	314	8:15	94	14:24	298	20:12	127			02:01	324	08:21	104	14:34	298	20:18	128		
26-11 vry		2:21	311	8:52	103	15:02	290	20:48	131			02:31	321	08:58	113	15:12	290	20:54	132		
27-11 zat		3:05	312	9:40	100	15:53	288	21:47	126			03:15	322	09:46	110	16:03	288	21:53	127		
28-11 zon		4:02	313	10:38	89	16:53	291	22:53	116			04:12	323	10:44	99	17:03	291	22:59	117		
29-11 maa		5:04	314	11:41	75	18:03	297	0:00	103			05:14	324	11:47	85	18:13	297	00:06	104		
30-11 din	10:30 VM		-10	0:00	103	6:12	323	12:48	70	19:19	294			00:06	104	06:22	323	12:54	71	19:29	304
1-12 woe			-10	1:10	83	7:27	323	13:57	59	20:26	299			01:16	93	07:37	323	14:03	60	20:36	309
2-12 don			-10	2:20	72	8:33	322	15:00	52	21:21	302			02:26	82	08:43	322	15:06	53	21:31	312
3-12 vry			-10	3:22	61	9:26	321	15:55	48	22:06	303			03:28	71	09:36	321	16:01	49	22:16	313
4-12 zat			-10	4:17	49	10:13	320	16:46	44	22:44	306			04:23	59	10:23	320	16:52	45	22:54	316
5-12 zon			-10	5:10	35	11:03	319	17:35	40	23:25	313			05:16	45	11:13	319	17:41	41	23:35	323
6-12 maa			-10	6:02	21	11:56	316	18:23	39	0:11	318			06:08	31	12:06	316	18:29	40	00:21	328
7-12 din		0:11	318	6:54	14	12:49	308	19:11	44			00:21	328	07:00	24	12:59	308	19:17	45		
8-12 woe	1:36 LK	1:01	318	7:45	19	13:42	295	19:57	58			01:11	328	07:51	29	13:52	295	20:03	59		
9-12 don		1:51	313	8:38	35	14:35	280	20:42	77			02:01	323	08:44	45	14:45	280	20:48	78		
10-12 vry		2:42	306	9:32	54	15:30	269	21:32	93			02:52	316	09:38	64	15:40	269	21:38	94		
11-12 zat		3:37	301	10:30	69	16:27	265	22:37	103			03:47	311	10:36	79	16:37	265	22:43	104		
12-12 zon		4:37	300	11:27	74	17:28	269	23:43	102			04:47	310	11:33	84	17:38	269	23:49	103		
13-12 maa		5:43	302	12:23	71	18:33	276	0:44	84			05:53	312	12:29	81	18:43	276	00:50	94		
14-12 din	17:16 NM		-10	0:44	84	6:52	313	13:20	73	19:40	272			00:50	94	07:02	313	13:26	74	19:50	282
15-12 woe			-10	1:45	73	7:57	310	14:20	66	20:39	275			01:51	83	08:07	310	14:26	67	20:49	285
16-12 don			-10	2:52	63	8:54	301	15:20	62	21:26	274			02:58	73	09:04	301	15:26	63	21:36	284
17-12 vry			-10	3:52	55	9:40	291	16:07	63	21:57	275			03:58	65	09:50	291	16:13	64	22:07	285
18-12 zat			-10	4:35	52	10:16	286	16:42	64	22:22	283			04:41	62	10:26	286	16:48	65	22:32	293
19-12 zon			-10	5:09	50	10:48	291	17:16	64	22:57	298			05:15	60	10:58	291	17:22	65	23:07	308
20-12 maa			-10	5:41	49	11:28	302	17:52	66	23:39	313			05:47	59	11:38	302	17:58	67	23:49	323
21-12 din	0:41 EK		-10	6:16	51	12:12	311	18:30	73	0:22	320			06:22	61	12:22	311	18:36	74	00:32	330
22-12 woe		0:22	320	6:53	58	12:55	312	19:05	86			00:32	330	06:59	68	13:05	312	19:11	87		

