

# Getijdengegevens 2018

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Referentievlak : LAT

**Holwerd**  
LAT=NAP-160

**53.39572° N, 5.88200° O**

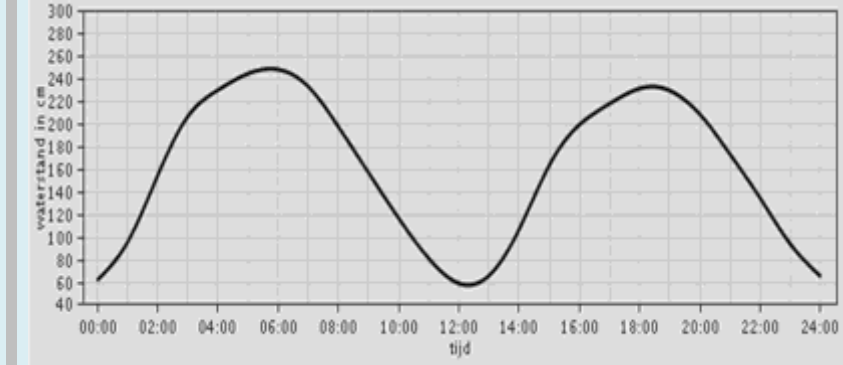
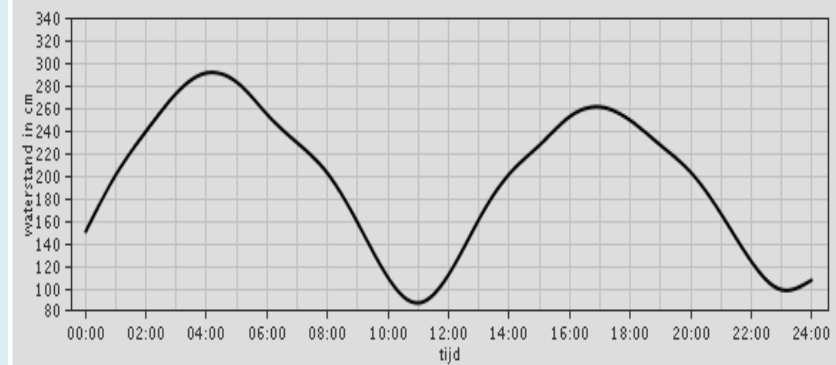
**Wierumergronden**  
LAT=NAP-153

**53.5167° N, 5.9667° O**

datum dag maan stand

HW cm lw cm HW cm lw cm HW cm

HW cm lw cm HW cm lw cm HW cm



datum dag maan stand

datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm						
1-1	maa					3:29	63	9:16	309	15:53	57	21:46	307			2:25	41	8:36	264	14:50	39	20:45	262
2-1	din					0:00	0	0:00	0							3:25	35	9:26	266	15:55	39	21:45	269
3-1	woe					4:23	49	10:16	309	16:46	49	22:46	314			4:37	30	10:21	264	16:51	38	22:36	273
4-1	don					5:14	38	10:59	306	17:32	44	23:26	318			5:29	24	11:16	259	17:36	37	23:20	276
5-1	vry	20:47	EK			6:01	31	11:56	300	18:16	42					6:15	21	12:00	254	18:20	35		
6-1	zat			0:16	320	6:48	29	12:46	293	19:03	43			0:10	276	7:02	21	12:51	248	19:06	35		
7-1	zon			0:57	320	7:33	33	13:24	286	19:47	47			1:01	274	7:41	24	13:41	241	19:46	38		
8-1	maa			1:40	318	8:20	42	14:20	280	20:33	56			1:56	268	8:20	31	14:25	233	20:31	44		
9-1	din			2:26	312	9:07	56	15:04	273	21:15	68			2:24	260	9:06	42	15:25	226	21:16	54		
10-1	woe			3:26	303	9:56	73	15:54	267	22:09	84			3:25	251	9:56	53	16:10	222	22:10	64		
11-1	don			4:04	293	10:56	88	16:50	263	23:20	97			4:25	242	10:45	63	17:05	221	23:26	71		
12-1	vry	12:34	VM	5:10	284	12:06	97	17:50	261			5:17	236	12:00	65	18:04	225						
13-1	zat					0:36	101	6:05	277	13:15	96	19:10	267			0:24	70	6:25	235	13:05	62	19:10	233
14-1	zon					1:45	95	7:36	277	14:18	88	20:04	278			1:35	63	7:45	237	14:00	56	20:00	242
15-1	maa					2:46	85	8:30	282	15:11	80	21:16	291			2:36	56	8:15	239	14:56	52	20:56	251
16-1	din					3:35	76	9:26	286	15:56	75	21:50	301			3:25	51	9:04	241	15:37	49	21:14	257
17-1	woe					4:22	72	10:10	288	16:36	73	22:25	306			4:05	48	9:34	241	16:11	46	22:06	261
18-1	don					5:00	72	10:35	286	17:08	71	23:05	308			4:46	46	10:26	241	16:35	44	22:35	264
19-1	vry	23:13	LK			5:35	72	11:05	284	17:45	67	23:14	309			5:16	44	11:01	241	16:55	42	22:57	265
20-1	zat					6:13	71	11:35	283	18:18	64	23:55	310			5:46	43	11:24	239	17:41	39	23:25	265
21-1	zon					6:43	68	12:05	281	18:52	62					6:10	42	12:11	237	18:16	39		
22-1	maa			0:24	308	7:18	66	12:56	278	19:26	61			0:15	264	6:40	42	12:51	233	18:34	40		
23-1	din			1:05	305	7:53	64	13:25	274	20:03	60			0:45	260	7:05	44	13:35	228	19:15	43		
24-1	woe			1:46	301	8:32	64	14:06	270	20:38	60			1:46	256	7:55	47	14:05	224	20:16	48		
25-1	don			2:20	298	9:12	66	14:46	267	21:22	64			2:14	251	8:56	53	14:55	221	21:16	55		
26-1	vry			3:06	294	9:58	72	15:24	265	22:09	73			3:15	246	9:44	59	15:44	220	22:20	59		
27-1	zat			3:55	289	10:56	82	16:25	264	23:12	84			4:10	241	11:05	61	17:15	223	23:46	58		
28-1	zon	1:07	NM	5:04	283	12:05	88	17:54	268			5:34	241	12:26	56	18:24	234						

Referentievlak : LAT				<b>Holwerd</b> LAT=NAP-160								<b>Wierumergronden</b> LAT=NAP-153											
				<b>53.39572° N, 5.88200° O</b>								<b>53.5167° N, 5.9667° O</b>											
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm				
29-1	maa					0:36	88	6:34	284	13:22	84	19:26	279			1:06	49	7:16	247	13:36	48	19:46	248
30-1	din					1:56	78	7:55	291	14:32	73	20:36	294			2:06	38	8:21	254	14:23	42	20:46	260
31-1	woe					3:08	61	9:00	298	15:36	60	21:25	308			3:21	29	9:15	257	15:46	37	21:36	268
1-2	don					4:06	43	10:06	301	16:27	47	22:20	318			4:26	21	10:16	257	16:46	32	22:25	274
2-2	vry					4:56	30	10:56	300	17:15	37	23:05	322			5:16	14	10:55	255	17:29	26	23:10	277
3-2	zat					5:45	21	11:50	297	18:01	31	23:55	323			6:01	11	11:45	252	18:12	22	23:56	277
4-2	zon		5:19 EK			6:31	19	12:25	291	18:45	28					6:41	11	12:36	247	18:46	20		
5-2	maa			0:36	321	7:15	22	13:21	286	19:26	31	0:46	273	7:16	16	13:17	241	19:20	22				
6-2	din			1:16	316	7:56	33	13:56	280	20:07	39	1:20	266	7:51	24	13:50	234	20:01	29				
7-2	woe			1:56	308	8:37	49	14:36	274	20:48	52	2:01	255	8:26	37	14:30	226	20:35	41				
8-2	don			2:40	297	9:18	67	15:10	269	21:30	69	2:35	242	9:06	51	15:15	219	21:20	55				
9-2	vry			3:30	284	10:06	86	15:45	264	22:21	88	3:20	230	9:44	66	15:55	215	22:05	70				
10-2	zat			4:26	271	11:05	102	16:34	261	23:30	104	4:15	220	11:06	76	17:10	217	23:40	76				
11-2	zon		1:33 VM	5:14	261	12:16	109	17:34	261			5:45	217	12:25	74	18:14	224						
12-2	maa					0:56	107	6:44	259	13:35	103	19:35	269	0:54	69	7:00	221	13:36	63	19:30	235		
13-2	din					2:10	96	8:05	266	14:36	90	20:35	284	2:06	56	7:55	227	14:31	52	20:36	245		
14-2	woe					3:16	82	9:00	275	15:29	77	21:26	295	2:56	46	8:55	233	15:15	45	21:16	252		
15-2	don					3:58	72	9:57	280	16:08	69	22:06	301	3:46	40	9:24	236	15:50	40	21:45	257		
16-2	vry					4:38	67	10:36	282	16:46	64	22:36	305	4:20	35	9:55	238	16:31	36	22:05	260		
17-2	zat					5:15	62	10:54	283	17:26	58	23:06	308	5:06	32	10:40	241	17:00	32	22:56	264		
18-2	zon		20:33 LK			5:48	57	11:30	285	17:58	51	23:35	310	5:35	29	11:04	242	17:36	29	23:14	266		
19-2	maa					6:26	49	12:05	285	18:36	45			6:06	29	11:56	242	18:05	27				
20-2	din			0:10	310	6:59	45	12:40	283	19:08	43	0:06	266	6:25	30	12:25	240	18:24	28				
21-2	woe			0:46	307	7:36	44	13:04	278	19:46	41	0:46	262	6:55	33	13:06	235	19:10	30				
22-2	don			1:26	302	8:13	47	13:46	274	20:23	42	1:20	256	7:30	38	13:45	229	19:35	36				
23-2	vry			1:56	297	8:50	52	14:10	272	21:02	46	2:05	247	8:04	47	14:25	224	20:46	44				
24-2	zat			2:36	291	9:32	61	15:06	269	21:51	56	2:55	238	9:15	57	15:07	220	21:44	53				
25-2	zon			3:36	281	10:22	74	16:00	267	22:46	71	3:45	229	10:35	65	16:34	221	23:15	55				
26-2	maa		15:58 NM	4:50	272	11:30	87	17:24	268			5:24	228	12:06	63	18:05	231						
27-2	din					0:05	80	6:25	272	12:56	88	19:00	279	0:40	45	7:06	235	13:16	52	19:14	245		
28-2	woe					1:35	72	7:45	280	14:16	74	20:10	295	1:55	32	8:15	244	14:26	41	20:25	258		
1-3	don					2:56	53	8:45	289	15:16	55	21:05	309	3:10	20	9:06	250	15:35	32	21:21	267		
2-3	vry					3:50	33	9:50	295	16:10	40	21:54	318	4:10	11	9:56	252	16:26	24	22:11	272		
3-3	zat					4:41	19	10:46	296	16:57	29	22:56	321	5:01	7	10:46	251	17:16	18	22:50	274		
4-3	zon					5:26	13	11:24	294	17:42	21	23:37	320	5:46	7	11:25	250	17:51	13	23:30	273		
5-3	maa		12:32 EK			6:11	13	12:15	291	18:24	18			6:16	9	12:07	247	18:26	11				
6-3	din			0:10	317	6:52	18	12:50	287	19:06	19	0:10	268	6:46	14	12:35	243	18:55	13				
7-3	woe			0:46	310	7:30	29	13:25	283	19:41	26	0:50	258	7:16	22	13:16	236	19:26	21				
8-3	don			1:26	301	8:07	43	13:55	280	20:18	39	1:25	245	7:46	34	13:25	228	19:55	33				
9-3	vry			2:07	289	8:40	58	14:26	277	20:56	54	1:44	231	8:26	48	14:10	222	20:36	48				
10-3	zat			2:46	276	9:16	72	15:06	273	21:36	72	2:36	218	8:55	62	15:00	215	21:25	64				
11-3	zon			3:20	264	9:45	86	15:50	268	22:26	92	3:25	207	9:45	75	16:14	213	22:36	76				

Referentievlak : LAT				<b>Holwerd</b>		<b>53.39572° N, 5.88200° O</b>						<b>Wierumergronden</b>		<b>53.5167° N, 5.9667° O</b>							
				LAT=NAP-160								LAT=NAP-153									
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
12-3	maa		15:54 VM	4:20	252	10:40	102	17:05	263	23:56	107			4:54	203	11:04	83	17:25	217		
13-3	din			5:40	246	12:24	108	18:04	264					0:25	73	6:26	208	13:06	72	18:44	228
14-3	woe					1:20	102	7:25	252	13:50	95	19:45	275	1:36	56	7:25	218	14:01	55	19:45	239
15-3	don					2:35	86	8:35	265	14:50	79	20:55	288	2:26	41	8:36	228	14:46	43	20:45	248
16-3	vry					3:26	71	9:15	274	15:38	65	21:30	297	3:16	31	9:16	234	15:25	35	21:25	253
17-3	zat					4:08	59	9:54	280	16:18	55	22:06	303	3:56	25	9:57	238	16:05	29	22:07	257
18-3	zon					4:45	50	10:35	285	16:58	46	22:33	307	4:36	21	10:25	242	16:46	24	22:36	261
19-3	maa					5:22	40	11:05	288	17:35	36	23:16	310	5:16	18	10:55	245	17:27	20	22:54	264
20-3	din		16:58 LK			5:59	31	11:56	289	18:13	30	23:50	310	5:51	18	11:37	246	17:55	18	23:46	264
21-3	woe					6:37	27	12:20	288	18:50	26			6:04	22	12:05	245	18:25	19		
22-3	don			0:25	306	7:14	28	12:55	284	19:26	25			0:25	260	6:46	27	12:46	241	18:44	23
23-3	vry			1:06	300	7:52	33	13:15	281	20:05	27			1:06	251	7:04	34	13:25	235	19:30	28
24-3	zat			1:35	293	8:29	41	13:44	279	20:46	33			1:50	240	7:45	44	14:10	229	20:15	38
25-3	zon			2:20	284	9:10	53	14:34	276	21:32	45			3:45	228	9:44	57	16:10	224	22:40	47
26-3	maa			4:20	272	11:01	68	16:45	272	23:30	61			4:55	219	11:04	67	17:25	224		
27-3	din			5:44	263	12:06	85	18:26	274					0:05	49	6:36	219	12:46	64	18:44	232
28-3	woe		4:57 NM			0:56	71	7:05	264	13:41	85	19:46	283	1:24	38	7:55	228	14:06	51	19:54	245
29-3	don					2:26	61	8:36	272	14:56	69	20:51	297	2:56	24	8:56	238	15:04	38	21:10	257
30-3	vry					3:36	42	9:36	282	15:58	50	21:45	308	3:56	13	9:56	244	16:16	27	22:06	263
31-3	zat					4:33	24	10:24	288	16:53	34	22:46	314	4:56	8	10:35	246	17:06	20	22:46	266
1-4	zon					5:22	14	11:36	291	17:36	24	23:26	315	5:36	8	11:16	247	17:51	15	23:26	266
2-4	maa					6:06	12	12:16	292	18:21	18			6:16	10	11:56	248	18:26	12		
3-4	din		20:39 EK	0:06	313	6:49	15	12:56	291	19:03	16			0:06	264	6:47	13	12:36	248	18:56	10
4-4	woe			0:35	308	7:26	21	13:25	290	19:40	17			0:46	258	7:11	16	13:06	246	19:26	12
5-4	don			1:16	302	8:04	29	13:46	290	20:17	23			1:20	248	7:36	22	13:25	240	19:56	19
6-4	vry			1:56	293	8:37	39	14:16	290	20:50	33			1:56	234	8:06	32	13:54	233	20:35	31
7-4	zat			2:26	282	9:06	49	14:35	287	21:26	47			2:14	220	8:35	43	14:25	226	21:07	44
8-4	zon			2:55	271	9:36	58	15:26	282	22:00	61			3:05	208	9:16	55	15:05	219	21:46	57
9-4	maa			3:40	260	10:12	69	16:04	274	22:40	77			4:06	198	10:05	67	16:15	214	22:35	69
10-4	din			4:30	249	10:56	85	17:25	267	23:35	94			5:20	195	11:06	77	17:56	216		
11-4	woe		8:08 VM	5:56	241	12:10	103	18:36	265					0:04	72	6:40	201	12:40	78	18:55	224
12-4	don					1:20	97	7:24	244	14:06	96	19:35	271	1:56	57	7:45	212	14:16	61	20:05	235
13-4	vry					2:35	85	8:50	256	15:05	80	20:55	283	2:46	39	8:44	224	15:06	45	21:16	244
14-4	zat					3:40	68	9:34	269	16:00	64	21:46	294	3:36	26	9:46	233	15:57	34	21:44	250
15-4	zon					4:25	53	10:25	279	16:49	51	22:25	302	4:20	18	10:25	239	16:36	26	22:35	255
16-4	maa					5:12	39	10:55	286	17:30	39	23:16	307	5:00	14	11:05	243	17:21	19	22:54	258
17-4	din					5:53	28	11:34	291	18:12	28	23:44	309	5:46	13	11:35	247	18:06	15	23:40	261
18-4	woe					6:34	20	12:31	294	18:50	20			6:26	14	12:11	250	18:46	13		
19-4	don		11:57 LK	0:30	308	7:14	17	13:06	293	19:29	16			0:26	260	7:01	18	12:46	250	19:15	14
20-4	vry			1:10	303	7:52	19	13:35	291	20:09	16			1:16	254	7:14	25	13:31	248	19:56	18
21-4	zat			1:45	296	8:32	26	13:55	289	20:50	20			1:56	245	8:00	32	14:10	243	20:24	24
22-4	zon			2:35	287	9:10	36	14:35	288	21:33	27			2:35	233	8:34	43	15:06	237	21:36	32

Referentievlak : LAT				Holwerd LAT=NAP-160								Wierumergronden LAT=NAP-153											
				53.39572° N, 5.88200° O								53.5167° N, 5.9667° O											
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
23-4	maa			3:20	277	9:53	48	15:45	286	22:22	39			3:45	222	9:56	54	16:00	233	22:46	39		
24-4	din			4:36	266	10:42	64	16:50	284	23:19	54			4:45	215	11:06	62	17:15	233				
25-4	woe			5:46	261	11:56	80	18:00	285							0:06	39	6:05	217	12:25	59	18:35	239
26-4	don		14:16 NM			0:46	60	7:00	262	13:26	79	19:15	289			1:15	29	7:36	225	13:46	47	19:34	247
27-4	vry					2:05	50	8:10	268	14:36	64	20:26	297			2:31	18	8:25	233	14:50	35	20:55	254
28-4	zat					3:16	36	9:15	276	15:38	47	21:26	303			3:30	12	9:36	239	15:56	27	21:45	257
29-4	zon					4:12	23	10:15	283	16:32	34	22:15	306			4:27	12	10:16	242	16:46	22	22:20	258
30-4	maa					5:00	18	11:10	288	17:17	26	23:06	305			5:11	15	10:57	244	17:29	19	23:01	257
1-5	din					5:46	19	11:55	291	18:04	23	23:39	303			5:47	19	11:25	248	18:01	17	23:36	254
2-5	woe					6:25	23	12:15	293	18:41	22					6:05	20	11:55	251	18:36	16		
3-5	don		4:47 EK	0:26	298	7:03	29	12:50	296	19:19	24			0:16	248	6:24	21	12:36	250	18:56	17		
4-5	vry			0:45	292	7:37	34	13:16	298	19:56	29			0:56	238	7:05	24	13:05	246	19:25	23		
5-5	zat			1:14	284	8:08	40	13:40	298	20:27	38			1:35	226	7:29	31	13:46	239	20:00	32		
6-5	zon			1:55	275	8:38	45	14:15	294	20:59	49			2:00	214	8:06	40	14:04	232	20:36	42		
7-5	maa			2:25	265	9:09	52	15:00	288	21:35	59			2:46	203	8:40	48	14:55	226	21:16	51		
8-5	din			3:04	256	9:45	61	15:45	280	22:16	70			3:25	196	9:26	57	15:35	221	22:16	59		
9-5	woe			4:06	248	10:26	73	16:46	273	23:06	81			4:25	194	10:26	66	16:45	221	23:05	62		
10-5	don		23:43 VM	5:05	243	11:20	88	17:45	270			6:06	199			11:35	69	18:10	225				
11-5	vry					0:25	87	6:14	244	13:15	96	19:00	274			0:40	54	7:10	210	13:06	62	19:20	233
12-5	zat					1:46	79	7:45	254	14:20	83	20:06	283			1:45	39	8:10	222	14:10	47	20:14	242
13-5	zon					2:45	65	8:35	266	15:21	68	21:00	293			2:45	25	9:05	232	15:11	34	21:15	249
14-5	maa					3:46	50	9:46	278	16:09	54	21:56	301			3:35	17	9:50	240	16:01	25	22:00	254
15-5	din					4:36	37	10:36	287	17:01	41	22:40	306			4:26	14	10:37	245	16:51	19	22:46	256
16-5	woe					5:26	26	11:16	294	17:43	29	23:26	307			5:16	14	11:05	250	17:46	15	23:26	257
17-5	don					6:07	20	12:07	297	18:29	20					6:06	16	11:46	254	18:26	12		
18-5	vry			0:15	304	6:50	17	12:45	299	19:11	15			0:05	255	6:41	19	12:31	256	19:16	12		
19-5	zat		2:33 LK	0:56	298	7:31	20	13:25	299	19:56	14			0:56	249	7:21	24	13:05	255	19:56	14		
20-5	zon			1:40	291	8:13	26	14:00	300	20:37	18			1:46	241	8:06	31	14:05	253	20:46	18		
21-5	maa			2:30	283	8:56	34	14:45	300	21:23	25			2:35	232	8:55	38	14:45	249	21:35	23		
22-5	din			3:25	274	9:40	45	15:40	299	22:16	36			3:40	224	9:45	46	15:55	246	22:37	28		
23-5	woe			4:25	267	10:30	59	16:47	296	23:16	47			4:55	219	10:50	51	17:05	245	23:46	29		
24-5	don			5:30	263	11:35	72	17:46	294					5:55	220	12:00	51	18:15	246				
25-5	vry		21:44 NM			0:35	52	6:46	261	13:00	73	18:50	294			0:56	26	6:55	224	13:16	45	19:05	248
26-5	zat					1:46	48	7:50	265	14:16	64	20:06	294			1:44	22	8:05	230	14:26	38	20:26	250
27-5	zon					2:50	40	9:06	271	15:15	52	21:00	296			2:56	20	9:06	235	15:20	32	21:16	250
28-5	maa					3:46	32	9:55	279	16:10	41	22:06	296			3:56	22	9:51	240	16:16	29	21:44	249
29-5	din					4:38	30	10:46	287	16:58	35	22:46	296			4:36	25	10:26	244	17:01	27	22:24	247
30-5	woe					5:21	31	11:26	293	17:43	33	23:30	294			5:11	27	10:50	250	17:36	26	23:10	245
31-5	don					6:03	36	12:06	298	18:23	35					5:36	27	11:35	254	18:06	25	23:55	240
1-6	vry		14:42 EK	0:05	290	6:40	40	12:30	302	19:00	38					5:55	27	12:05	255	18:36	26		
2-6	zat			0:46	284	7:13	43	12:55	303	19:37	43			0:25	233	6:36	28	12:45	252	19:16	30		
3-6	zon			1:16	277	7:46	45	13:25	302	20:10	49			1:10	224	7:11	32	13:05	246	19:46	36		

Referentievlak : LAT				Holwerd LAT=NAP-160								53.39572° N, 5.88200° O				Wierumergronden LAT=NAP-153				53.5167° N, 5.9667° O			
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
4-6	maa			1:46	270	8:17	48	14:06	298	20:45	56			1:34	214	7:33	38	13:45	240	20:10	41		
5-6	din			2:25	262	8:50	53	14:45	292	21:18	61			2:25	207	8:15	43	14:35	236	20:57	46		
6-6	woe			2:55	256	9:26	59	15:15	285	21:55	66			3:16	202	9:00	48	15:15	233	21:41	49		
7-6	don			3:34	251	10:05	66	16:16	280	22:40	71			4:06	201	9:50	54	16:04	232	22:35	51		
8-6	vry			4:24	248	10:45	76	16:55	277	23:41	75			5:06	203	11:01	58	16:54	233	23:45	49		
9-6	zat	15:10	VM	5:45	249	11:45	87	18:16	278					6:10	209	12:05	57	18:10	236				
10-6	zon					0:56	75	6:45	255	13:20	88	19:26	283			0:55	40	7:20	220	13:20	48	19:35	242
11-6	maa					1:54	66	8:06	265	14:36	77	20:27	291			2:00	29	8:25	231	14:26	37	20:27	248
12-6	din					3:06	55	9:00	277	15:35	63	21:20	299			3:06	22	9:15	241	15:25	28	21:36	253
13-6	woe					4:00	44	10:06	287	16:28	49	22:16	303			3:43	19	9:55	249	16:26	22	22:20	256
14-6	don					4:56	34	10:56	296	17:21	37	23:06	303			4:46	19	10:45	255	17:26	18	23:15	255
15-6	vry					5:43	28	11:46	302	18:09	26	23:56	300			5:35	21	11:31	260	18:16	14	23:55	252
16-6	zat					6:29	25	12:26	306	18:54	19					6:25	23	12:16	263	19:06	11		
17-6	zon	13:33	LK	0:46	295	7:14	25	13:05	309	19:40	15			0:51	248	7:17	25	13:06	264	19:55	10		
18-6	maa			1:24	288	7:56	27	13:50	311	20:26	16			1:35	242	8:06	27	13:56	264	20:36	11		
19-6	din			2:25	282	8:41	32	14:46	311	21:15	21			2:35	236	8:46	30	14:35	262	21:27	15		
20-6	woe			3:13	276	9:26	40	15:30	310	22:02	31			3:25	230	9:36	35	15:40	259	22:15	20		
21-6	don			4:16	271	10:18	52	16:19	306	22:59	43			4:35	225	10:31	40	16:35	254	23:16	27		
22-6	vry			5:16	266	11:15	65	17:20	300					5:25	223	11:25	46	17:45	249				
23-6	zat					0:05	53	6:10	263	12:25	73	18:26	293			0:10	31	6:15	223	12:36	48	18:40	246
24-6	zon	4:31	NM			1:16	58	7:20	263	13:40	72	19:36	288			1:16	34	7:36	227	13:35	46	19:45	244
25-6	maa					2:26	57	8:25	268	14:48	65	20:36	287			2:16	34	8:36	233	14:45	42	20:45	243
26-6	din					3:26	52	9:26	278	15:45	56	21:36	288			3:10	34	9:15	240	15:46	38	21:24	242
27-6	woe					4:15	46	10:16	289	16:40	48	22:25	289			4:06	35	9:45	246	16:36	36	22:10	241
28-6	don					5:03	46	11:07	298	17:26	47	23:16	289			4:40	35	10:30	253	17:16	35	22:45	239
29-6	vry					5:43	48	11:40	305	18:05	48	23:56	286			5:16	35	10:54	257	17:51	34	23:36	236
30-6	zat					6:21	51	12:16	307	18:46	52					5:46	34	11:34	259	18:20	34	23:55	232
1-7	zon	2:51	EK	0:36	281	6:56	53	12:40	308	19:17	56					6:15	34	12:14	258	18:43	36		
2-7	maa			1:00	276	7:26	52	13:05	306	19:56	59			0:51	228	6:56	35	12:44	255	19:26	38		
3-7	din			1:24	271	7:58	53	13:46	303	20:25	60			1:14	222	7:27	37	13:36	252	19:49	40		
4-7	woe			2:05	266	8:32	55	14:26	298	21:02	62			2:00	218	7:56	39	14:16	248	20:25	42		
5-7	don			2:40	262	9:06	58	14:55	292	21:35	62			2:46	214	8:36	42	14:56	245	21:17	44		
6-7	vry			3:26	258	9:46	61	15:46	288	22:16	64			3:26	212	9:15	47	15:24	243	22:07	46		
7-7	zat			3:54	255	10:26	66	16:20	286	23:02	67			3:54	212	10:20	51	16:14	242	23:00	47		
8-7	zon			4:44	255	11:16	74	17:04	284					5:00	215	11:26	54	17:14	242				
9-7	maa	6:07	VM			0:00	72	6:05	258	12:16	84	18:15	283			0:05	46	6:20	220	12:41	51	18:36	243
10-7	din					1:10	73	7:15	265	13:47	85	19:34	287			1:20	40	7:25	231	13:56	43	19:47	247
11-7	woe					2:26	68	8:26	276	14:55	74	20:50	294			2:25	33	8:24	243	14:49	33	20:54	253
12-7	don					3:25	59	9:26	289	16:00	60	21:56	299			3:26	29	9:24	254	15:55	27	22:06	256
13-7	vry					4:28	49	10:26	301	17:01	45	22:45	301			4:15	28	10:26	262	17:06	22	22:45	255
14-7	zat					5:23	40	11:16	310	17:53	32	23:39	300			5:21	28	11:04	267	18:07	16	23:56	253
15-7	zon					6:10	33	12:06	316	18:40	21					6:16	27	12:00	272	19:00	10		

Referentievlak : LAT				Holwerd LAT=NAP-160								Wierumergronden LAT=NAP-153											
				53.39572° N, 5.88200° O								53.5167° N, 5.9667° O											
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm				
16-7	maa	21:26	LK	0:35	296	6:56	28	12:50	320	19:26	14			0:35	250	7:05	24	12:57	274	19:43	7		
17-7	din			1:25	291	7:42	26	13:35	321	20:14	14			1:31	247	7:51	22	13:40	275	20:25	8		
18-7	woe			2:26	286	8:26	28	14:26	320	20:58	19			2:26	242	8:36	23	14:25	272	21:06	13		
19-7	don			3:05	281	9:09	34	15:16	316	21:46	30			3:06	237	9:16	27	15:21	266	21:51	22		
20-7	vry			4:01	276	9:57	45	16:05	309	22:36	47			3:56	231	10:01	35	15:54	256	22:36	34		
21-7	zat			4:46	270	10:45	61	16:56	299	23:25	64			4:45	226	10:45	46	16:55	247	23:31	45		
22-7	zon			5:30	266	11:46	77	17:50	289					5:34	223	11:56	56	17:54	239				
23-7	maa	11:45	NM			0:35	77	6:15	263	13:00	86	18:44	280			0:36	53	6:40	226	13:06	59	18:54	235
24-7	din					1:46	81	7:40	267	14:16	85	19:55	277			1:40	53	7:35	232	14:16	55	20:04	235
25-7	woe					2:50	76	8:56	278	15:22	75	21:10	281			2:40	49	8:37	241	15:26	49	21:10	237
26-7	don					3:48	67	9:56	292	16:18	64	22:03	285			3:30	45	9:35	250	16:16	44	21:45	237
27-7	vry					4:38	61	10:41	304	17:08	59	23:00	288			4:15	43	10:04	256	16:50	41	22:25	237
28-7	zat					5:22	59	11:26	310	17:50	59	23:40	287			4:55	42	10:56	260	17:30	40	23:16	237
29-7	zon					5:58	60	11:56	312	18:27	62					5:25	41	11:25	263	18:15	40	23:45	237
30-7	maa	17:23	EK	0:20	284	6:36	60	12:26	312	18:59	63					6:06	39	12:06	264	18:46	39		
31-7	din			0:44	280	7:07	57	12:56	311	19:35	61			0:25	236	6:24	38	12:35	264	19:16	39		
1-8	woe			1:14	278	7:42	55	13:25	309	20:08	60			0:54	234	7:06	37	13:16	262	19:35	40		
2-8	don			1:50	276	8:16	54	14:07	305	20:40	59			1:40	232	7:35	38	13:34	259	20:00	41		
3-8	vry			2:20	272	8:47	55	14:36	300	21:16	60			2:04	228	8:05	40	14:14	255	20:40	43		
4-8	zat			3:06	267	9:23	56	15:05	296	21:53	60			2:56	225	8:56	44	14:54	251	21:26	47		
5-8	zon			3:36	265	10:02	58	15:46	293	22:35	63			3:24	223	9:46	49	15:35	247	22:27	53		
6-8	maa			4:04	264	10:46	64	16:36	289	23:26	72			4:26	223	10:51	55	16:34	243	23:36	58		
7-8	din	20:11	VM	4:54	264	11:40	76	17:35	284					5:15	225	12:06	58	17:54	241				
8-8	woe					0:26	82	6:30	268	12:56	87	19:10	283			0:46	57	6:55	234	13:27	52	19:30	245
9-8	don					1:46	84	7:56	278	14:14	83	20:25	289			1:55	50	7:54	247	14:36	41	20:45	252
10-8	vry					3:06	75	9:00	294	15:38	68	21:36	296			3:00	42	9:04	260	15:46	32	21:50	257
11-8	zat					4:06	62	10:06	309	16:43	50	22:36	301			3:54	39	10:05	270	16:56	25	22:46	258
12-8	zon					5:03	48	10:55	320	17:36	33	23:24	302			5:16	35	11:06	276	17:52	17	23:36	257
13-8	maa					5:56	37	11:51	327	18:24	22					6:07	30	11:45	280	18:46	13		
14-8	din			0:26	300	6:40	29	12:35	329	19:08	16			0:26	255	6:56	25	12:39	282	19:22	11		
15-8	woe	3:15	LK	1:27	296	7:26	24	13:20	328	19:54	15			1:11	253	7:32	21	13:26	280	20:00	14		
16-8	don			2:05	292	8:08	24	14:05	324	20:36	23			1:55	249	8:16	22	14:05	275	20:42	21		
17-8	vry			2:50	287	8:48	30	14:46	317	21:20	37			2:36	243	8:52	27	14:46	265	21:17	33		
18-8	zat			3:15	281	9:31	42	15:25	307	22:03	55			3:15	236	9:26	38	15:31	253	21:56	47		
19-8	zon			4:06	276	10:16	60	16:09	295	22:46	75			3:44	229	10:06	51	16:04	240	22:35	62		
20-8	maa			4:35	272	11:00	79	17:05	282	23:35	93			4:35	225	11:06	66	17:04	230	23:35	74		
21-8	din	20:30	NM	5:30	270	12:06	98	18:16	271					5:44	226	12:04	76	18:26	225				
22-8	woe					0:55	104	6:30	270	13:25	105	19:24	267			1:06	77	6:45	232	13:40	71	19:46	227
23-8	don					2:10	101	8:15	278	14:55	97	20:56	273			2:05	68	8:10	242	14:56	60	20:45	233
24-8	vry					3:16	89	9:26	293	15:56	82	21:57	282			3:10	57	9:15	253	15:40	50	21:34	238
25-8	zat					4:09	76	10:16	306	16:46	71	22:46	288			4:06	51	9:55	260	16:31	45	22:14	240
26-8	zon					4:56	69	10:56	313	17:25	68	23:26	290			4:46	48	10:30	264	17:11	43	22:55	242

Referentievlak : LAT				Holwerd LAT=NAP-160				53.39572° N, 5.88200° O				Wierumergronden LAT=NAP-153				53.5167° N, 5.9667° O							
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm				
27-8	maa					5:35	66	11:30	315	18:03	67					5:25	46	10:54	266	17:49	41	23:35	244
28-8	din			0:06	289	6:12	63	11:55	315	18:38	65					5:56	43	11:41	269	18:26	40		
29-8	woe	10:13	EK	0:35	289	6:45	58	12:35	316	19:10	60			0:06	246	6:20	40	11:55	270	18:57	40		
30-8	don			1:00	289	7:20	54	13:06	315	19:45	55			0:36	247	6:55	39	12:34	270	19:15	41		
31-8	vry			1:24	287	7:56	52	13:36	312	20:18	55			1:17	245	7:15	39	13:27	267	19:46	44		
1-9	zat			1:54	283	8:28	53	14:05	307	20:56	56			1:46	242	7:45	41	14:07	261	20:10	47		
2-9	zon			2:30	279	9:03	53	14:40	302	21:28	60			2:26	237	8:26	45	14:46	254	20:50	53		
3-9	maa			3:06	276	9:40	55	15:16	297	22:08	65			3:00	234	9:16	52	15:14	246	21:40	62		
4-9	din			3:29	276	10:23	61	15:55	290	22:53	75			3:56	231	10:04	61	16:15	238	22:56	72		
5-9	woe			4:24	274	11:16	74	17:04	281	23:49	89			4:54	231	11:36	66	17:56	235				
6-9	don	9:03	VM	6:06	275	12:26	88	18:56	278							0:25	75	6:15	238	13:00	60	19:14	241
7-9	vry					1:15	97	7:25	285	13:55	87	20:16	285			1:35	66	7:45	253	14:27	47	20:35	251
8-9	zat					2:41	87	8:35	301	15:15	71	21:20	295			2:56	55	8:55	267	15:36	35	21:35	258
9-9	zon					3:46	70	9:40	317	16:26	51	22:20	302			3:56	46	9:50	277	16:46	27	22:30	261
10-9	maa					4:46	53	10:35	328	17:15	34	23:26	304			5:01	39	10:45	282	17:36	22	23:21	261
11-9	din					5:36	40	11:26	332	18:04	25					5:52	33	11:26	284	18:23	20		
12-9	woe			0:10	304	6:20	31	12:15	332	18:48	22			0:00	260	6:36	29	12:10	284	19:02	22		
13-9	don	8:25	LK	1:06	301	7:04	27	12:44	328	19:32	25			0:45	258	7:11	26	12:55	280	19:36	27		
14-9	vry			1:46	297	7:46	26	13:24	322	20:14	34			1:20	255	7:46	27	13:30	272	20:06	34		
15-9	zat			2:16	293	8:25	32	14:03	313	20:51	47			2:05	249	8:15	33	14:16	259	20:35	45		
16-9	zon			2:35	290	9:05	44	14:56	302	21:28	64			2:24	242	8:51	44	14:34	245	21:06	58		
17-9	maa			3:16	287	9:42	61	15:36	289	22:02	80			3:05	236	9:26	59	15:25	232	21:46	73		
18-9	din			3:50	284	10:19	80	16:04	276	22:40	96			3:50	230	10:05	75	16:20	220	22:36	87		
19-9	woe			4:40	280	11:05	101	17:05	264	23:30	112			4:54	228	11:15	88	17:40	216	23:50	97		
20-9	don	7:30	NM	5:45	276	12:30	117	18:40	258					6:05	232	12:55	88	19:00	219				
21-9	vry					1:15	119	6:55	277	14:06	115	20:14	265			1:46	88	7:24	242	14:26	72	20:20	229
22-9	zat					2:29	107	8:55	290	15:20	99	21:26	278			2:35	72	8:46	253	15:05	58	21:15	239
23-9	zon					3:36	92	9:47	303	16:16	84	22:16	287			3:30	60	9:15	261	15:55	49	22:01	245
24-9	maa					4:26	79	10:26	311	16:59	75	22:55	292			4:17	54	10:05	266	16:46	45	22:36	248
25-9	din					5:07	71	10:55	315	17:36	70	23:36	295			4:56	50	10:34	268	17:15	42	22:54	251
26-9	woe					5:43	65	11:30	318	18:08	64	23:55	297			5:26	46	11:04	271	17:56	41	23:24	254
27-9	don					6:23	59	12:00	320	18:46	56					6:07	43	11:46	273	18:26	41	23:54	256
28-9	vry	4:53	EK	0:25	298	6:57	53	12:46	319	19:17	52					6:35	41	12:05	273	18:50	43		
29-9	zat			1:16	297	7:33	50	13:10	316	19:56	51			0:46	256	7:06	42	13:01	270	19:15	47		
30-9	zon			1:34	294	8:09	50	13:46	310	20:32	55			1:27	253	7:25	44	13:47	262	19:39	52		
1-10	maa			2:00	290	8:43	52	14:10	304	21:07	61			2:00	249	8:00	48	14:14	252	20:20	60		
2-10	din			2:14	289	9:23	55	14:55	296	21:46	68			2:40	244	8:56	56	15:04	241	21:04	72		
3-10	woe			3:10	288	10:05	62	15:45	286	22:32	80			3:24	239	10:06	66	16:26	232	22:24	83		
4-10	don			4:14	285	11:01	76	17:04	276	23:26	96			4:44	238	11:26	71	17:34	230	23:55	86		
5-10	vry	20:40	VM	5:35	285	12:10	89	18:47	275					6:04	245	12:50	63	19:04	238				
6-10	zat					0:50	105	7:06	294	13:46	86	19:45	282			1:15	76	7:24	258	14:10	48	20:26	249
7-10	zon					2:20	93	8:16	307	15:01	69	21:00	292			2:25	62	8:35	271	15:15	37	21:26	257

Referentievlak : LAT				Holwerd LAT=NAP-160								Wierumergronden LAT=NAP-153											
				53.39572° N, 5.88200° O								53.5167° N, 5.9667° O											
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm				
8-10	maa					3:25	75	9:15	320	16:06	52	22:06	299			3:45	51	9:30	279	16:20	31	22:10	261
9-10	din					4:26	57	10:09	328	16:57	39	22:55	303			4:46	44	10:15	282	17:10	30	22:50	262
10-10	woe					5:15	45	11:05	330	17:44	34	23:45	304			5:32	39	11:07	282	17:56	33	23:37	262
11-10	don					5:58	38	11:45	328	18:26	34					6:12	36	11:46	280	18:31	36		
12-10	vry	14:25	LK	0:24	303	6:44	35	12:25	323	19:06	39			0:11	263	6:47	35	12:15	274	18:56	40		
13-10	zat			1:16	302	7:24	36	12:55	316	19:46	47			0:46	261	7:17	36	13:00	265	19:26	45		
14-10	zon			1:24	301	8:04	42	13:35	307	20:23	58			1:15	257	7:40	41	13:46	251	19:55	53		
15-10	maa			1:55	301	8:38	53	14:16	296	20:56	70			1:44	250	8:04	52	14:04	237	20:26	64		
16-10	din			2:36	299	9:13	67	14:45	285	21:26	81			2:20	243	8:56	65	14:44	224	21:00	76		
17-10	woe			3:16	295	9:50	83	15:25	273	22:02	92			3:00	236	9:36	79	15:35	213	21:45	89		
18-10	don			4:06	288	10:30	100	16:04	261	22:45	107			4:10	232	10:30	91	17:06	209	22:40	99		
19-10	vry	21:12	NM	4:54	281	11:36	118	17:40	253	23:45	124			5:30	232	11:50	97	18:20	214				
20-10	zat			6:15	279	12:55	123	19:30	256							0:05	102	6:44	240	13:24	83	19:30	224
21-10	zon					1:45	119	7:40	285	14:26	112	20:35	269			2:05	87	7:45	250	14:36	66	20:25	236
22-10	maa					2:56	105	8:56	296	15:36	97	21:25	281			2:45	71	8:44	259	15:16	53	21:26	246
23-10	din					3:46	90	9:35	306	16:16	83	22:15	290			3:35	60	9:35	265	15:55	46	22:06	252
24-10	woe					4:32	78	10:16	313	16:55	72	22:56	297			4:16	53	10:04	268	16:40	42	22:35	256
25-10	don					5:16	69	10:44	318	17:37	62	23:36	302			5:05	48	10:34	271	17:26	41	23:05	260
26-10	vry					5:56	60	11:30	321	18:15	54					5:36	44	11:25	273	18:06	42	23:46	263
27-10	zat			0:05	305	6:33	54	12:10	320	18:55	50					6:16	42	11:44	272	18:14	45		
28-10	zon	0:22	EK	0:46	305	7:11	50	12:55	315	19:31	51			0:15	264	5:34	43	11:45	268	17:44	49	23:55	263
29-10	maa			1:15	303	6:51	50	12:26	309	19:10	56					6:15	45	12:26	260	18:25	55		
30-10	din			0:40	301	7:27	52	13:06	301	19:47	63			0:46	259	6:44	50	13:16	249	19:16	64		
31-10	woe			1:10	301	8:08	57	13:45	292	20:28	72			1:25	254	7:35	58	14:10	238	20:05	75		
1-11	don			2:10	299	8:57	65	14:44	281	21:15	84			2:25	249	9:01	65	15:26	229	21:26	85		
2-11	vry			3:25	296	9:48	77	16:16	274	22:12	98			3:24	247	10:25	68	16:46	229	22:46	86		
3-11	zat			4:30	297	10:59	87	17:26	273	23:36	106			4:44	252	11:35	60	17:55	236				
4-11	zon	6:23	VM	5:45	301	12:28	82	18:35	278							0:06	77	6:16	261	12:50	48	19:06	245
5-11	maa					1:01	94	6:57	308	13:38	69	19:55	285			1:16	64	7:04	269	13:56	41	20:01	253
6-11	din					2:05	78	7:49	316	14:40	56	20:45	293			2:26	55	8:17	274	14:57	39	20:46	257
7-11	woe					3:03	63	8:50	320	15:33	48	21:46	299			3:16	49	8:44	275	15:46	40	21:26	260
8-11	don					3:53	53	9:40	321	16:19	46	22:25	303			4:06	45	9:25	274	16:26	44	22:06	263
9-11	vry					4:38	47	10:25	318	17:04	48	23:10	306			4:46	43	10:04	271	16:56	46	22:35	266
10-11	zat	21:36	LK			5:23	46	11:06	314	17:44	53	23:25	307			5:16	42	10:56	266	17:05	47	23:10	267
11-11	zon					6:04	48	11:34	307	18:21	59	23:54	309			5:46	43	11:24	256	17:46	49	23:35	263
12-11	maa					6:40	54	12:10	299	18:58	66					6:15	47	12:16	244	18:26	55		
13-11	din			0:14	309	7:15	63	12:35	289	19:28	73			0:14	257	6:45	56	12:45	231	18:55	63		
14-11	woe			0:55	307	7:52	75	13:14	279	20:00	80			0:55	250	7:20	66	13:17	219	19:25	72		
15-11	don			1:35	301	8:29	87	13:45	269	20:35	88			1:36	243	8:06	77	14:16	211	20:16	81		
16-11	vry			2:37	293	9:06	99	14:34	261	21:12	99			2:15	237	8:50	85	15:05	207	20:54	90		
17-11	zat			3:20	286	9:49	110	15:40	254	22:00	113			3:25	235	9:56	90	16:36	210	22:16	95		
18-11	zon	12:42	NM	4:25	281	10:55	118	16:55	254	23:46	124			4:44	238	11:15	86	17:45	219	23:30	91		



Referentievlak : LAT				Holwerd LAT=NAP-160								Wierumergronden LAT=NAP-153									
				53.39572° N, 5.88200° O								53.5167° N, 5.9667° O									
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
19-11	maa			5:34	282	12:20	113	18:25	262			6:00	244	12:36	72	18:51	231				
20-11	din					1:06	114	6:45	290	13:25	101	19:14	273	0:45	78	6:54	253	13:26	57	19:45	242
21-11	woe					2:01	100	7:45	300	14:25	87	20:26	285	1:46	64	7:45	260	14:16	47	20:30	251
22-11	don					2:56	87	8:30	309	15:19	74	21:06	296	2:24	54	8:25	265	15:00	41	21:15	257
23-11	vry					3:40	74	9:15	315	16:03	63	21:45	303	3:27	47	9:21	269	15:46	40	21:34	262
24-11	zat					4:28	64	10:06	317	16:47	56	22:35	308	4:11	42	9:55	270	16:25	41	22:04	266
25-11	zon					5:08	56	10:45	316	17:29	52	23:20	310	4:56	40	10:46	268	16:54	44	23:05	269
26-11	maa	18:03	EK			5:51	50	11:36	311	18:10	52	23:55	310	5:47	40	11:26	264	17:34	48	23:40	270
27-11	din					6:34	48	12:16	304	18:54	56			6:14	42	12:16	256	18:20	53		
28-11	woe			0:24	310	7:16	49	13:00	297	19:34	61			7:15	45	13:05	247	19:04	60		
29-11	don			1:04	310	8:00	54	13:56	288	20:17	69			8:07	50	13:55	237	20:11	67		
30-11	vry			2:05	309	8:48	62	14:50	280	21:06	80			9:01	54	15:04	231	21:16	74		
1-12	zat			3:15	306	9:41	72	15:55	274	22:00	92			10:06	57	16:26	229	22:15	76		
2-12	zon			4:10	304	10:50	80	17:06	271	23:16	100			11:16	55	17:25	232	23:36	72		
3-12	maa	16:47	VM	5:15	302	12:05	80	18:10	272			5:40	259	12:20	50	18:36	238				
4-12	din					0:36	94	6:15	302	13:16	74	19:25	277	0:40	64	6:51	262	13:26	47	19:30	245
5-12	woe					1:39	83	7:36	304	14:18	66	20:25	285	1:51	57	7:46	264	14:25	46	20:20	251
6-12	don					2:46	71	8:36	306	15:12	60	21:20	294	2:45	52	8:35	264	15:10	47	21:06	256
7-12	vry					3:35	60	9:15	307	16:00	57	22:06	302	3:46	49	9:04	262	15:56	49	21:24	262
8-12	zat					4:22	56	10:16	306	16:43	59	22:46	308	4:25	47	9:56	260	16:26	50	22:05	267
9-12	zon					5:06	55	10:56	303	17:23	63	23:25	311	4:50	46	10:36	255	16:56	49	22:45	269
10-12	maa	8:51	LK			5:47	59	11:24	297	18:00	67	23:40	313	5:26	47	11:16	248	17:26	49	23:14	267
11-12	din					6:23	65	12:00	290	18:33	70			5:56	49	11:56	239	17:56	51		
12-12	woe			0:16	312	6:58	72	12:35	282	19:05	73			6:36	55	12:15	229	18:25	56		
13-12	don			0:46	309	7:32	79	12:55	275	19:38	76			7:00	61	13:05	221	19:00	61		
14-12	vry			1:15	303	8:07	86	13:35	268	20:12	81			7:36	67	13:37	214	19:47	67		
15-12	zat			2:06	296	8:42	92	14:05	262	20:51	88			8:15	72	14:36	211	20:35	73		
16-12	zon			2:45	289	9:19	97	15:00	259	21:30	96			9:05	75	15:20	211	21:26	78		
17-12	maa			3:35	284	10:10	102	15:55	257	22:26	107			10:10	75	16:30	214	22:25	80		
18-12	din	7:30	NM	4:25	282	11:16	105	17:26	260	23:24	115			11:20	70	17:56	222	23:45	75		
19-12	woe			5:55	285	12:30	100	18:15	268			5:40	245	12:25	60	18:50	234				
20-12	don					1:06	107	6:56	292	13:36	90	19:36	279	0:56	63	6:57	252	13:30	48	19:56	245
21-12	vry					2:05	94	7:45	300	14:36	78	20:25	291	1:56	52	7:54	259	14:26	41	20:35	255
22-12	zat					3:06	80	8:46	307	15:32	67	21:25	301	2:55	43	8:44	263	15:05	39	21:26	262
23-12	zon					3:58	67	9:46	310	16:23	59	22:16	308	3:45	38	9:34	264	16:05	39	21:54	268
24-12	maa					4:47	56	10:36	309	17:07	53	23:01	313	4:46	34	10:30	263	16:44	41	22:46	272
25-12	din					5:34	47	11:15	305	17:51	50	23:46	315	5:46	32	11:15	259	17:46	42	23:36	274
26-12	woe	10:20	EK			6:19	41	12:05	299	18:36	49			6:26	30	12:11	254	18:35	43		
27-12	don			0:25	317	7:06	39	12:56	293	19:19	51			7:10	30	13:06	247	19:21	45		
28-12	vry			1:16	317	7:50	42	13:45	286	20:06	56			8:01	33	13:56	240	20:06	49		
29-12	zat			2:01	316	8:37	49	14:46	279	20:50	65			8:51	38	14:56	233	21:06	55		
30-12	zon			2:56	311	9:30	60	15:46	273	21:42	77			9:40	45	15:56	228	21:56	61		
31-12	maa			3:56	304	10:28	73	16:35	268	22:45	89			10:35	52	16:44	226	23:06	65		