

**Getijdengegevens 2019** bron: eigen berekeningen

bron: getij.rws.nl

Referentievlak :LAT

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	lw	cm	HW	cm								
1-1	din					0:04	62	5:55	261	12:45	52	18:54	236			5:10	251	11:46	55	17:58	228	0:12	64		
2-1	woe					1:12	57	7:08	258	13:55	48	19:55	245					0:12	64	6:20	249	12:51	54	18:59	234
3-1	don					2:20	47	8:15	260	14:48	40	20:55	257					1:25	59	7:23	249	13:50	52	19:54	243
4-1	vry					3:16	35	9:05	263	15:38	35	21:40	269					2:21	52	8:15	250	14:46	51	20:42	251
5-1	zat					4:06	29	9:55	264	16:24	34	22:24	277					3:23	48	9:05	249	15:35	50	21:19	257
6-1	zon	2:28	NM			4:50	29	10:45	261	17:05	37	22:54	280					4:06	46	9:40	247	16:06	49	21:58	262
7-1	maa					5:32	34	11:15	256	17:40	39	23:36	280					4:41	45	10:20	243	16:35	48	22:30	265
8-1	din					6:07	39	11:50	250	18:15	40	23:55	280					5:16	46	10:55	240	17:09	47	23:05	266
9-1	woe					6:42	44	12:15	246	18:48	39	0:25	278					5:40	46	11:25	236	17:43	46	23:35	264
10-1	don			0:25	278	7:15	45	12:45	243	19:20	38							6:14	48	12:05	231	18:05	46	0:14	260
11-1	vry			1:00	274	7:47	47	13:15	240	19:55	40			0:14	260			6:46	51	12:45	226	18:46	48	0:40	256
12-1	zat			1:40	268	8:20	48	13:58	236	20:26	41			0:40	256			7:04	54	13:15	222	19:15	50		
13-1	zon			2:15	263	8:56	49	14:35	234	21:05	45			1:14	252			7:53	56	13:53	219	19:55	54		
14-1	maa	7:45	EK	2:55	259	9:38	51	15:19	232	21:48	51			2:04	248			8:36	59	14:28	217	20:53	60		
15-1	din			3:35	256	10:28	56	16:00	231	22:37	61			2:45	245			9:25	62	15:18	217	21:45	65		
16-1	woe			4:22	252	11:30	62	17:38	233	23:56	71			3:39	242			10:31	64	16:14	219	22:55	67		
17-1	don			6:05	252	12:46	62	18:45	241	1:20	66			4:34	241			11:46	62	17:59	225	0:15	62		
18-1	vry					1:20	66	7:21	258	13:56	54	19:56	253					0:15	62	6:17	242	12:56	54	19:10	238
19-1	zat					2:35	53	8:20	265	15:00	43	20:54	266					1:26	50	7:40	249	13:56	45	20:10	250
20-1	zon					3:35	37	9:20	270	15:58	32	21:50	277					2:24	40	8:46	255	14:56	40	21:00	261
21-1	maa	6:16	VM			4:29	21	10:16	271	16:48	22	22:36	284					3:34	32	9:36	258	15:51	37	21:52	268
22-1	din					5:18	8	11:10	269	17:34	14	23:26	288					4:36	26	10:26	257	16:55	35	22:38	273
23-1	woe					6:05	-2	11:54	264	18:19	8	0:10	291					5:31	19	11:16	255	17:42	31	23:26	277
24-1	don			0:10	291	6:51	-6	12:44	259	19:04	5	0:56	290					6:21	15	12:05	252	18:26	28	0:15	279
25-1	vry			0:56	290	7:36	-5	13:35	254	19:47	7			0:15	279			7:03	14	12:51	248	19:12	27		
26-1	zat			1:40	287	8:21	4	14:25	248	20:33	14			1:01	277			7:46	18	13:40	242	19:51	29		
27-1	zon	22:10	LK	2:25	279	9:07	18	15:04	241	21:18	27			1:55	270			8:23	26	14:26	234	20:36	36		
28-1	maa			3:15	269	9:56	36	16:05	235	22:10	44			2:25	260			9:06	38	15:05	226	21:25	46		
29-1	din			4:15	257	10:56	54	16:55	231	23:16	59			3:28	248			9:56	51	16:11	221	22:15	57		
30-1	woe			5:25	246	12:06	64	17:50	231	0:38	63			4:25	238			10:55	62	17:09	220	23:25	64		
31-1	don					0:38	63	6:40	240	13:20	62	19:14	238					12:05	65	18:18	225	0:48	62		
1-2	vry					1:52	55	7:45	243	14:25	52	20:26	253					0:48	62	6:47	231	13:14	60	19:28	235
2-2	zat					2:55	41	8:56	250	15:17	40	21:20	267					2:03	53	8:09	234	14:21	52	20:25	246
3-2	zon					3:48	30	9:46	255	16:05	35	22:06	275					2:56	44	8:55	237	15:15	47	21:09	253
4-2	maa	22:04	NM			4:35	28	10:30	255	16:45	34	22:42	278					3:46	40	9:30	237	15:55	44	21:45	258
5-2	din					5:15	31	11:04	252	17:20	33	23:16	278					4:21	38	10:08	236	16:26	42	22:12	261
6-2	woe					5:48	34	11:35	249	17:55	31	23:35	278					4:56	38	10:38	236	16:55	39	22:52	263
7-2	don					6:22	34	12:00	248	18:26	26	0:05	277					5:35	37	11:10	237	17:25	36	23:20	264
8-2	vry			0:05	277	6:55	32	12:30	248	19:00	23	0:40	275					5:56	36	11:37	236	17:56	34	23:55	262
9-2	zat			0:40	275	7:25	29	13:05	246	19:35	23							6:26	37	12:15	234	18:24	33	0:25	259
10-2	zon			1:16	270	7:56	28	13:35	243	20:06	22			0:25	259			6:45	39	12:50	231	18:55	35		

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								
11-2	maa	23:26	EK	1:38	265	8:32	29	14:00	241	20:40	24			1:00	254	7:15	41	13:25	227	19:36	38										
12-2	din			2:15	262	9:08	31	14:40	239	21:20	27			1:33	249	7:49	45	13:54	224	20:16	43										
13-2	woe			2:55	258	9:52	38	15:19	238	22:06	37			2:18	243	8:46	51	14:32	222	21:05	51										
14-2	don			3:44	251	10:45	50	16:16	235	23:05	51			3:04	237	9:40	59	15:32	220	22:21	58										
15-2	vry			4:52	242	11:56	61	18:08	237	0:36	58			4:13	231	11:06	65	16:42	221	23:42	58										
16-2	zat					0:36	58	6:51	245	13:26	58	19:25	249	5:48	230	12:26	60	18:40	232	1:06	47										
17-2	zon					2:01	47	8:04	253	14:39	44	20:31	265			1:06	47	7:19	238	13:36	49	19:40	247								
18-2	maa					3:15	29	9:06	261	15:37	28	21:26	279			2:10	33	8:32	247	14:35	40	20:45	260								
19-2	din	16:53	VM			4:10	9	9:59	266	16:29	13	22:16	288			3:26	23	9:26	252	15:46	33	21:36	269								
20-2	woe					5:01	-7	10:55	266	17:16	1	23:06	292			4:27	14	10:16	254	16:42	25	22:26	275								
21-2	don					5:46	-17	11:44	264	18:01	-9	23:47	293			5:17	7	10:55	254	17:32	18	23:10	279								
22-2	vry					6:32	-22	12:35	261	18:46	-15	0:36	290			6:03	3	11:45	253	18:16	13	23:56	279								
23-2	zat			0:36	290	7:15	-19	13:25	256	19:27	-13					6:42	4	12:30	250	18:56	11	0:41	275								
24-2	zon			1:15	284	7:58	-8	13:55	251	20:10	-5			0:41	275	7:22	10	13:15	244	19:26	14										
25-2	maa			1:55	274	8:38	10	14:24	245	20:52	10			1:26	265	7:55	21	13:54	236	20:06	23										
26-2	din	12:28	LK	2:45	261	9:22	30	15:05	240	21:36	29			2:01	252	8:30	35	14:35	227	20:46	36										
27-2	woe			3:25	246	10:05	51	15:55	236	22:26	50			2:49	236	9:16	52	15:19	220	21:36	51										
28-2	don			4:38	232	11:05	69	16:54	233	23:45	65			3:40	223	10:05	67	16:14	217	22:45	65										
1-3	vry			5:55	224	12:36	73	18:28	234	1:20	63			4:50	214	11:25	75	17:24	220	0:15	65										
2-3	zat					1:20	63	7:30	228	13:50	61	19:45	247			0:15	65	6:27	213	12:55	68	18:50	229								
3-3	zon					2:36	46	8:35	238	14:55	45	20:50	262			1:24	53	7:49	221	13:56	54	20:05	241								
4-3	maa					3:28	30	9:26	247	15:42	33	21:35	271			2:36	40	8:45	229	14:55	44	20:50	250								
5-3	din					4:12	24	10:10	251	16:22	28	22:16	274			3:14	33	9:26	232	15:35	38	21:25	254								
6-3	woe	17:04	NM			4:52	24	10:44	251	16:58	24	22:45	275			4:05	30	9:50	234	16:11	34	21:55	257								
7-3	don					5:26	23	11:25	251	17:32	19	23:15	276			4:36	28	10:26	236	16:45	31	22:32	259								
8-3	vry					5:55	19	11:45	253	18:06	12	23:46	277			5:06	26	10:56	239	17:16	27	23:01	261								
9-3	zat					6:28	14	12:05	254	18:40	8	0:15	275			5:36	25	11:26	241	17:44	24	23:31	260								
10-3	zon			0:15	275	7:02	11	12:34	253	19:12	7	0:45	270			6:06	26	11:55	240	18:05	23	0:00	258								
11-3	maa			0:45	270	7:33	11	13:11	249	19:44	7			0:00	258	6:25	28	12:15	237	18:30	24	0:35	252								
12-3	din			1:15	265	8:08	13	13:25	247	20:19	8			0:35	252	6:50	31	13:02	233	19:05	27										
13-3	woe			1:45	260	8:43	17	14:00	247	20:59	11			1:11	245	7:20	36	13:35	229	19:34	33										
14-3	don	11:27	EK	2:25	254	9:26	24	14:49	244	21:43	20			1:52	236	8:05	45	14:11	225	20:25	42										
15-3	vry			3:25	244	10:12	39	15:55	240	22:39	36			2:45	227	9:05	57	15:14	221	21:49	52										
16-3	zat			4:52	233	11:15	56	17:30	240	0:04	47			3:54	219	10:25	67	16:38	221	23:26	54										
17-3	zon					0:04	47	6:25	235	12:56	57	19:00	252	5:38	219	11:55	64	18:05	232	0:45	41										
18-3	maa					1:45	36	7:40	245	14:16	41	20:06	267			0:45	41	7:08	230	13:23	51	19:21	247								
19-3	din					2:55	16	8:45	254	15:17	21	21:00	281			2:00	25	8:16	241	14:25	38	20:29	259								
20-3	woe					3:50	-4	9:40	261	16:09	4	21:56	288			3:15	14	9:06	248	15:31	27	21:15	268								
21-3	don	2:43	VM			4:40	-18	10:34	263	16:56	-10	22:44	291			4:12	6	9:54	251	16:29	18	22:06	273								
22-3	vry					5:26	-27	11:24	263	17:42	-21	23:30	290			4:59	2	10:36	252	17:16	11	22:50	275								
23-3	zat					6:10	-28	12:15	262	18:25	-26	0:05	285			5:42	2	11:25	252	17:53	5	23:36	273								
24-3	zon			0:05	285	6:52	-23	12:56	259	19:06	-24	0:50	277			6:17	5	12:00	251	18:27	4	0:16	266								
25-3	maa			0:50	277	7:31	-11	13:25	256	19:46	-16			0:16	266	6:51	11	12:35	246	19:06	8	0:56	255								
26-3	din			1:25	265	8:10	5	13:44	254	20:25	-1			0:56	255	7:25	22	13:15	239	19:36	17										
27-3	woe			2:05	252	8:47	23	14:30	250	21:05	19			1:28	239	7:55	35	13:55	231	20:15	31										
28-3	don	5:10	LK	2:45	237	9:24	41	15:15	245	21:46	40			2:12	223	8:26	50	14:37	223	20:55	48										
29-3	vry			3:49	222	10:06	59	16:18	238	22:50	60			2:58	209	9:10	66	15:30	218	21:44	64										
30-3	zat			5:12	212	11:30	74	17:28	235	0:35	66			4:18	200	10:05	80	16:54	218	23:39	69										
31-3	zon					0:35	66	7:55	215	14:10	67	20:12	242	6:37	201	13:20	77	19:04	225	2:06	55										
1-4	maa					3:06	53	9:00	228	15:16	51	21:15	255			2:06	55	8:19	210	14:35	60	20:30	235								
2-4	din					4:00	35	9:55	239	16:08	35	22:06	264			3:01	40	9:10	222	15:20	45	21:15	245								
3-4	woe					4:42	24	10:40	247	16:52	25	22:44	269			3:46	30	9:55	229	16:01	36	21:55	250								
4-4	don					5:20	19	11:14	251	17:30	17	23:16	272			4:25	24	10:20	234	16:36	31	22:30	253								
5-4	vry	10:50	NM			5:55	14	11:55	255	18:07	10	23:45	274			5:01	21	11:00	238	17:16	26	23:05	255								
6-4	zat					6:28	7	12:20	259	18:42	3	0:20	275			5:36	19	11:34	241	17:55	22	23:27	256								

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				
7-4	zon			0:20	275	7:03	0	12:45	260	19:16	-2	0:55	272			6:11	18	11:55	244	18:25	19	0:05	256
8-4	maa			0:55	272	7:37	-2	13:25	258	19:52	-2			0:05	256	6:35	20	12:31	245	18:52	19	0:46	253
9-4	din			1:25	267	8:11	0	13:40	255	20:26	-2			0:46	253	6:55	23	13:01	243	19:15	20		
10-4	woe			1:55	261	8:47	5	14:04	254	21:02	0			1:15	247	7:25	28	13:35	239	19:45	23		
11-4	don			2:36	254	9:24	11	14:41	253	21:42	4			2:02	238	8:04	34	14:22	234	20:25	28		
12-4	vry	21:06	EK	3:18	245	10:05	19	15:25	250	22:30	13			2:48	227	8:45	44	15:02	229	21:25	38		
13-4	zat			4:20	234	10:55	35	16:49	246	23:30	28			3:37	217	9:45	57	16:09	225	22:41	47		
14-4	zon			5:55	227	12:00	51	18:15	248	0:56	35			4:59	211	11:16	67	17:24	227	0:05	46		
15-4	maa					0:56	35	7:15	230	13:36	52	19:36	257			0:05	46	6:29	215	12:42	63	18:49	236
16-4	din					2:20	23	8:20	239	14:51	35	20:43	269			1:36	33	7:45	226	13:55	49	20:00	249
17-4	woe					3:30	6	9:25	248	15:53	16	21:40	279			2:45	19	8:56	236	15:06	36	21:00	259
18-4	don					4:27	-10	10:29	255	16:47	0	22:25	283			3:46	11	9:46	243	16:13	26	21:55	264
19-4	vry	13:12	VM			5:18	-20	11:14	259	17:36	-13	23:20	284			4:49	7	10:31	247	17:06	18	22:45	267
20-4	zat					6:03	-23	12:05	262	18:21	-21	0:06	281			5:32	7	11:16	249	17:52	11	23:24	267
21-4	zon			0:06	281	6:46	-22	12:52	263	19:03	-24	0:45	275			6:12	9	11:50	252	18:31	7	0:06	263
22-4	maa			0:45	275	7:26	-16	13:15	264	19:44	-22			0:06	263	6:49	12	12:24	252	19:01	6	0:45	255
23-4	din			1:25	266	8:06	-7	13:35	264	20:23	-13			0:45	255	7:16	17	13:10	250	19:36	10		
24-4	woe			1:55	255	8:42	6	14:18	263	21:02	1			1:31	243	7:45	24	13:45	244	20:12	19		
25-4	don			2:35	243	9:15	19	14:55	260	21:38	17			2:10	228	8:16	35	14:20	236	20:40	31		
26-4	vry			3:25	229	9:50	32	15:45	253	22:18	35			2:45	213	8:56	48	15:02	229	21:26	46		
27-4	zat	0:18	LK	3:55	216	10:29	47	16:35	244	23:05	54			3:34	201	9:36	61	16:00	223	22:15	60		
28-4	zon			5:28	207	11:25	65	17:50	239	0:46	64			4:49	194	10:36	74	17:10	221	23:26	68		
29-4	maa					0:46	64	7:09	207	13:16	69	19:14	240			5:54	196	11:50	80	18:05	224	1:15	60
30-4	din					1:54	58	8:25	218	14:26	57	20:25	248			1:15	60	6:55	204	13:42	69	19:30	232
1-5	woe					3:15	44	9:15	231	15:28	42	21:15	257			2:10	44	8:14	216	14:30	53	20:30	240
2-5	don					4:00	30	10:00	242	16:16	28	22:01	264			2:55	32	9:16	226	15:25	42	21:26	245
3-5	vry					4:43	19	10:46	250	16:58	18	22:35	269			3:40	24	9:50	234	16:01	33	22:04	249
4-5	zat					5:21	10	11:19	257	17:40	9	23:15	272			4:26	20	10:34	239	16:45	27	22:35	251
5-5	zon	0:45	NM			5:59	1	11:56	262	18:17	2	23:56	272			5:01	17	11:06	243	17:25	22	23:16	252
6-5	maa					6:36	-4	12:31	264	18:55	-3	0:36	268			5:41	17	11:30	247	18:05	19	23:49	251
7-5	din			0:36	268	7:13	-4	13:06	263	19:32	-3					6:11	19	12:09	248	18:36	18	0:15	248
8-5	woe			1:05	262	7:51	-1	13:35	261	20:10	-3			0:15	248	6:46	23	12:40	249	19:00	19		
9-5	don			1:45	255	8:27	5	14:01	261	20:49	-1			1:05	242	7:15	28	13:20	247	19:34	22		
10-5	vry			2:25	247	9:07	11	14:42	260	21:33	4			1:50	234	7:44	35	14:13	243	20:25	27		
11-5	zat			3:15	238	9:48	20	15:45	258	22:20	13			2:46	224	8:35	44	15:06	239	21:25	34		
12-5	zon	3:12	EK	4:25	230	10:38	33	16:51	257	23:22	23			3:45	215	9:45	55	16:01	237	22:35	39		
13-5	maa			5:34	226	11:46	47	17:55	258	0:46	26			5:05	212	11:01	60	17:15	238	23:56	36		
14-5	din					0:46	26	6:48	228	13:16	47	19:04	262			6:15	216	12:23	257	18:31	243	1:13	27
15-5	woe					2:05	17	8:05	234	14:30	33	20:16	268			1:13	27	7:25	224	13:34	46	19:38	250
16-5	don					3:08	5	9:10	242	15:32	18	21:16	272			2:16	19	8:20	232	14:35	36	20:35	256
17-5	vry					4:06	-5	10:16	249	16:27	4	22:10	274			3:25	16	9:15	239	15:46	29	21:31	259
18-5	zat	23:11	VM			4:55	-11	11:00	257	17:17	-6	22:59	273			4:16	16	10:04	244	16:36	23	22:16	259
19-5	zon					5:42	-12	11:45	263	18:01	-12	23:50	270			5:06	18	10:35	248	17:25	18	23:01	257
20-5	maa					6:24	-9	12:25	267	18:46	-13	0:30	264			5:42	20	11:24	253	18:06	16	23:46	252
21-5	din			0:30	264	7:05	-4	12:55	270	19:25	-10					6:16	22	12:06	255	18:45	15	0:26	244
22-5	woe			1:05	255	7:41	3	13:15	271	20:03	-1			0:26	244	6:46	24	12:46	254	19:16	18		
23-5	don			1:45	245	8:17	11	13:55	270	20:42	11			1:05	233	7:16	28	13:15	250	19:44	24		
24-5	vry			2:15	235	8:50	20	14:41	265	21:16	23			1:45	221	7:46	35	14:00	243	20:20	34		
25-5	zat			2:59	225	9:26	29	15:26	258	21:58	36			2:31	209	8:24	44	14:39	236	21:00	45		
26-5	zon	18:34	LK	3:45	216	10:02	40	16:15	250	22:39	48			3:20	200	9:06	54	15:25	231	21:45	55		
27-5	maa			4:40	210	10:50	54	17:10	243	23:39	57			4:10	196	9:50	63	16:18	227	22:40	61		
28-5	din			5:58	209	12:09	68	18:20	242	1:01	57			5:09	197	10:50	70	17:24	227	23:55	61		
29-5	woe					1:01	57	7:12	215	13:36	64	19:25	245			6:25	203	11:55	71	18:30	230	1:16	52
30-5	don					2:06	49	8:19	225	14:36	53	20:25	252			1:16	52	7:19	213	13:22	62	19:39	235
31-5	vry					3:05	37	9:10	237	15:32	40	21:10	260			2:11	39	8:20	224	14:26	49	20:38	241

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	HW	cm	lw	cm	HW	cm						
1-6	zat					4:01	25	9:55	249	16:26	29	22:00	266			2:56	29	9:16	233	15:16	38	21:25	246								
2-6	zon					4:47	14	10:35	258	17:08	18	22:50	269			3:40	23	9:56	241	16:00	30	22:11	249								
3-6	maa	12:02	NM			5:30	6	11:20	265	17:52	10	23:35	268			4:28	21	10:35	246	16:45	25	22:45	250								
4-6	din					6:10	2	12:06	268	18:35	3	0:16	264			5:15	21	11:11	250	17:36	21	23:25	249								
5-6	woe			0:16	264	6:52	1	12:46	269	19:17	0	0:55	258			5:56	23	11:35	254	18:26	20	0:05	246								
6-6	don			0:55	258	7:32	3	13:26	269	19:57	-1			0:05	246	6:20	26	12:15	256	19:06	20	0:55	241								
7-6	vry			1:40	252	8:13	7	14:06	270	20:42	0			0:55	241	7:00	30	13:05	257	19:55	21										
8-6	zat			2:30	245	8:54	12	14:45	271	21:26	3			1:54	234	7:56	35	14:01	256	20:41	23										
9-6	zon			3:25	238	9:38	19	15:41	270	22:18	10			2:40	228	8:45	41	14:56	254	21:36	27										
10-6	maa	7:59	EK	4:31	232	10:30	30	16:35	267	23:15	18			3:40	222	9:40	46	15:56	251	22:31	29										
11-6	din			5:36	229	11:30	41	17:45	265	0:28	22			4:45	219	10:46	50	16:55	250	23:36	30										
12-6	woe					0:28	22	6:30	229	12:55	44	18:45	263	5:54	220	11:56	50	18:05	249	0:41	28										
13-6	don					1:36	21	7:35	231	14:06	37	19:50	263			0:41	28	6:55	224	13:06	46	19:05	250								
14-6	vry					2:45	16	8:55	238	15:08	26	20:55	263			1:46	27	7:55	230	14:05	40	20:16	251								
15-6	zat					3:45	10	9:45	248	16:06	14	21:55	264			2:40	26	8:50	237	15:16	35	20:56	251								
16-6	zon					4:35	4	10:44	259	16:59	5	22:56	264			3:46	28	9:41	243	16:15	30	21:55	250								
17-6	maa	10:31	VM			5:23	4	11:26	268	17:46	1	23:40	262			4:36	30	10:15	250	17:06	27	22:46	247								
18-6	din					6:05	6	12:06	274	18:30	2	0:25	256			5:16	31	11:00	255	17:46	25	23:26	243								
19-6	woe			0:25	256	6:45	10	12:40	277	19:10	7					5:45	31	11:35	259	18:21	25	0:05	237								
20-6	don			1:00	249	7:22	15	13:10	277	19:50	14			0:05	237	6:15	31	12:20	259	18:56	27	0:35	229								
21-6	vry			1:38	240	7:56	18	13:40	275	20:25	23			0:35	229	6:51	32	12:55	257	19:35	31										
22-6	zat			2:04	233	8:30	23	14:20	270	21:00	30			1:28	221	7:26	36	13:35	252	20:02	37										
23-6	zon			2:47	226	9:05	28	15:05	263	21:36	37			2:05	214	8:01	41	14:10	246	20:45	44										
24-6	maa			3:15	221	9:42	35	15:45	256	22:12	43			2:45	208	8:45	47	14:50	241	21:16	50										
25-6	din	11:46	LK	4:04	218	10:16	45	16:35	249	22:56	49			3:32	204	9:15	53	15:40	236	22:00	54										
26-6	woe			5:04	217	11:04	56	17:35	245	23:56	54			4:20	204	10:04	59	16:29	233	22:50	56										
27-6	don			6:10	219	11:56	67	18:30	245	1:06	54			5:14	206	11:05	63	17:18	232	23:55	55										
28-6	vry					1:06	54	7:08	226	13:46	66	19:30	249	6:25	212	12:18	63	18:14	234	1:05	49										
29-6	zat					2:10	47	8:05	236	14:46	56	20:34	255			1:05	49	7:35	221	13:31	56	19:42	238								
30-6	zon					3:15	37	9:10	248	15:46	44	21:25	261			2:05	40	8:30	232	14:36	45	20:45	244								
1-7	maa					4:11	27	10:06	259	16:41	31	22:25	265			3:06	32	9:20	242	15:30	35	21:46	248								
2-7	din	21:16	NM			5:00	19	10:54	268	17:31	20	23:10	266			3:56	28	10:01	251	16:26	29	22:25	250								
3-7	woe					5:48	13	11:40	274	18:15	9	0:05	263			4:40	27	10:45	257	17:21	24	23:15	249								
4-7	don			0:05	263	6:33	9	12:26	277	19:00	2	0:50	259			5:31	28	11:25	262	18:16	21	0:06	247								
5-7	vry			0:50	259	7:16	6	13:15	280	19:45	-4			0:06	247	6:21	29	12:16	266	19:09	17	0:50	245								
6-7	zat			1:40	254	8:00	6	13:50	282	20:31	-6			0:50	245	7:15	30	13:00	269	19:56	16										
7-7	zon			2:24	248	8:45	7	14:35	282	21:16	-3			1:45	241	8:06	31	13:50	270	20:36	16										
8-7	maa			3:28	243	9:28	13	15:25	280	22:05	4			2:30	237	8:46	32	14:44	268	21:25	19										
9-7	din	12:55	EK	4:20	239	10:17	22	16:25	274	22:56	16			3:31	232	9:36	36	15:35	263	22:15	25										
10-7	woe			5:15	234	11:10	35	17:14	267	0:00	28			4:20	227	10:26	41	16:31	257	23:06	33										
11-7	don					0:00	28	6:15	231	12:20	45	18:25	260	5:15	224	11:26	47	17:35	250	0:06	39										
12-7	vry					1:10	35	7:15	232	13:36	47	19:25	255			0:06	39	6:25	224	12:25	50	18:40	245								
13-7	zat					2:15	35	8:21	239	14:45	40	20:44	255			1:11	42	7:19	229	13:41	48	19:45	244								
14-7	zon					3:18	29	9:25	251	15:50	28	21:46	258			2:16	42	8:22	237	14:50	43	20:45	244								
15-7	maa					4:15	21	10:22	265	16:45	17	22:46	260			3:09	41	9:25	246	15:56	38	21:42	243								
16-7	din	23:38	VM			5:05	18	11:06	276	17:33	12	23:30	260			4:11	39	10:05	254	16:54	34	22:30	241								
17-7	woe					5:47	18	11:45	282	18:16	14	0:06	255			4:56	39	10:42	259	17:35	33	23:10	238								
18-7	don			0:06	255	6:27	21	12:26	283	18:57	20	0:50	249			5:36	39	11:15	263	18:11	33	23:45	235								
19-7	vry			0:50	249	7:05	23	12:55	282	19:35	26					6:06	38	12:01	264	18:36	34	0:25	232								
20-7	zat			1:31	243	7:38	24	13:28	279	20:07	30			0:25	232	6:36	36	12:38	263	19:11	35										
21-7	zon			1:45	239	8:12	24	14:00	276	20:38	33			1:00	229	7:11	36	13:15	260	19:46	39										
22-7	maa			2:20	236	8:45	27	14:34	269	21:12	35			1:40	225	7:35	39	13:51	256	20:16	43										
23-7	din			3:05	232	9:16	30	15:07	262	21:45	38			2:11	221	8:16	42	14:25	250	20:46	47										
24-7	woe			3:37	229	9:52	36	15:44	256	22:22	41			2:55	217	8:45	46	14:58	245	21:21	50										
25-7	don	3:18	LK	4:15	228	10:30	43	16:29	251	23:05	46			3:20	215	9:30	51	15:30	242	22:06	54										



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	lw	cm	HW	cm	lw	cm	HW	cm		
26-7	vry			5:09	227	11:15	53	17:27	247	23:55	54			3:58	215	10:25	58	16:05	238	22:54	58		
27-7	zat			6:18	229	12:16	65	18:41	246	1:10	58			4:48	217	11:26	62	17:19	236	0:05	59		
28-7	zon					1:10	58	7:15	236	13:56	68	19:50	250			0:05	59	6:14	222	12:40	61	18:22	236
29-7	maa					2:35	53	8:30	248	15:10	56	21:00	257			1:26	54	7:44	233	14:01	52	20:14	242
30-7	din					3:36	43	9:36	261	16:13	41	21:55	263			2:30	45	8:42	246	15:04	41	21:15	249
31-7	woe					4:37	31	10:26	274	17:08	25	22:56	266			3:25	39	9:46	257	15:58	33	22:10	253
1-8	don	5:12	NM			5:27	21	11:16	283	17:59	10	23:45	266			4:25	36	10:36	265	17:15	26	23:00	254
2-8	vry					6:14	12	12:06	289	18:45	-2	0:40	264			5:26	34	11:19	271	18:09	19	23:56	253
3-8	zat			0:40	264	6:59	4	12:54	292	19:30	-10					6:25	31	12:06	276	19:02	14	0:45	252
4-8	zon			1:29	260	7:45	-1	13:35	293	20:15	-13			0:45	252	7:07	27	12:51	280	19:45	12		
5-8	maa			2:25	257	8:27	-1	14:26	291	20:58	-8			1:26	250	7:52	24	13:36	280	20:26	13		
6-8	din			3:15	252	9:11	3	15:15	285	21:43	4			2:16	246	8:36	25	14:26	276	21:06	20		
7-8	woe	19:31	EK	4:06	246	9:56	14	16:06	276	22:31	21			3:06	240	9:16	30	15:10	268	21:46	31		
8-8	don			4:45	241	10:43	30	16:55	265	23:25	40			3:50	234	10:05	39	16:05	256	22:31	43		
9-8	vry			5:35	237	11:45	48	17:55	254	0:30	54			4:45	228	10:45	50	16:54	245	23:25	56		
10-8	zat					0:30	54	6:31	236	13:00	58	19:05	247			5:40	227	11:56	59	18:00	237	0:39	63
11-8	zon					1:46	58	7:44	242	14:20	55	20:20	247			0:39	63	6:49	230	13:14	60	19:20	235
12-8	maa					2:55	50	9:06	256	15:35	41	21:30	254			1:51	60	7:58	239	14:25	53	20:40	238
13-8	din					3:55	37	9:54	272	16:28	26	22:25	260			2:56	53	9:01	251	15:41	43	21:35	241
14-8	woe					4:45	27	10:46	284	17:18	20	23:16	262			3:55	47	9:55	259	16:35	38	22:17	241
15-8	don	14:29	VM			5:29	26	11:25	288	18:02	22	0:00	259			4:41	44	10:35	264	17:15	37	23:00	239
16-8	vry			0:00	259	6:10	27	12:06	288	18:38	28	0:35	255			5:26	44	11:08	266	17:51	38	23:30	238
17-8	zat			0:35	255	6:43	28	12:35	286	19:12	32					5:51	42	11:42	268	18:25	39	0:06	239
18-8	zon			1:05	252	7:17	26	13:05	284	19:45	33			0:06	239	6:25	40	12:15	268	18:55	39	0:35	239
19-8	maa			1:25	250	7:50	24	13:36	281	20:15	32			0:35	239	6:51	38	12:45	267	19:25	41		
20-8	din			1:54	249	8:22	25	14:05	275	20:46	32			1:05	238	7:15	39	13:21	262	19:46	44		
21-8	woe			2:25	246	8:53	27	14:34	268	21:16	33			1:45	234	7:46	41	13:45	257	20:13	48		
22-8	don			3:05	242	9:27	30	15:05	263	21:52	36			2:16	231	8:15	45	14:20	251	20:35	51		
23-8	vry	16:56	LK	3:35	240	10:03	34	15:45	259	22:30	40			2:40	229	8:50	49	14:53	246	21:26	56		
24-8	zat			4:09	239	10:43	41	16:25	254	23:18	50			3:19	227	9:40	56	15:41	241	22:16	63		
25-8	zon			4:56	238	11:35	55	17:26	246	0:19	63			4:08	226	10:46	64	16:43	235	23:20	70		
26-8	maa					0:19	63	6:39	240	12:48	68	19:21	246			5:20	228	12:06	68	18:08	233	0:49	71
27-8	din					1:45	67	7:55	252	14:33	62	20:36	254			0:49	71	6:41	236	13:25	60	19:49	240
28-8	woe					3:10	55	9:06	268	15:45	44	21:35	263			2:00	60	8:20	251	14:46	46	20:55	250
29-8	don					4:12	39	10:05	283	16:47	24	22:35	269			3:05	50	9:21	265	15:51	34	22:03	256
30-8	vry	12:37	NM			5:06	24	10:55	294	17:37	7	23:35	271			4:05	43	10:16	274	16:56	26	22:55	259
31-8	zat					5:54	11	11:46	299	18:25	-6	0:25	270			5:16	38	11:01	281	17:53	19	23:36	260
1-9	zon			0:25	270	6:40	0	12:25	301	19:09	-13					6:06	31	11:46	285	18:41	15	0:21	259
2-9	maa			1:14	268	7:25	-7	13:15	299	19:54	-13			0:21	259	6:55	26	12:36	286	19:23	15		
3-9	din			2:05	265	8:07	-8	14:00	294	20:36	-6			1:05	258	7:36	23	13:16	284	20:05	20		
4-9	woe			2:45	260	8:49	-2	14:45	285	21:18	9			1:46	254	8:11	24	14:01	277	20:41	29		
5-9	don			3:15	254	9:33	11	15:24	273	22:01	29			2:31	248	8:51	31	14:45	264	21:15	42		
6-9	vry	5:10	EK	3:55	250	10:15	29	16:25	259	22:46	50			3:15	240	9:30	42	15:25	250	21:50	57		
7-9	zat			4:51	246	11:05	50	17:25	246	23:35	69			4:00	234	10:16	57	16:22	236	22:40	72		
8-9	zon			5:41	245	12:15	68	18:30	238	1:06	77			4:59	230	11:15	70	17:30	227	23:45	83		
9-9	maa					1:06	77	7:00	247	13:51	70	20:05	240			6:04	233	12:48	74	19:09	225	1:25	79
10-9	din					2:28	68	8:30	260	15:10	54	21:16	250			1:25	79	7:24	242	14:05	63	20:30	233
11-9	woe					3:35	52	9:30	276	16:10	36	22:04	259			2:36	66	8:43	254	15:19	50	21:25	241
12-9	don					4:25	38	10:17	286	16:56	27	22:56	264			3:31	54	9:31	264	16:06	42	22:05	244
13-9	vry					5:07	32	11:00	290	17:38	29	23:40	264			4:16	49	10:11	268	16:46	41	22:46	244
14-9	zat	6:33	VM			5:45	31	11:35	289	18:13	33	0:15	262			5:01	47	10:45	269	17:25	42	23:05	245
15-9	zon			0:15	262	6:20	31	12:11	288	18:45	34	0:45	262			5:26	46	11:15	270	17:55	42	23:26	247
16-9	maa			0:45	262	6:53	27	12:35	287	19:15	31					6:05	44	11:48	270	18:25	42	0:08	249
17-9	din			1:00	262	7:27	24	13:05	284	19:47	29			0:08	249	6:26	42	12:18	269	18:55	44	0:38	249
18-9	woe			1:35	261	7:59	24	13:35	279	20:18	30			0:38	249	6:56	42	12:45	266	19:16	47		

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				
19-9	don			1:55	258	8:30	27	14:05	272	20:52	32			1:05	247	7:15	44	13:15	260	19:35	50		
20-9	vry			2:19	254	9:03	29	14:35	267	21:25	34			1:38	243	7:49	47	13:56	253	19:58	54		
21-9	zat			2:50	253	9:38	31	15:11	262	22:03	40			2:16	240	8:26	51	14:29	245	20:46	60		
22-9	zon	4:41	LK	3:15	253	10:22	37	15:55	255	22:48	50			2:49	237	9:05	58	15:25	237	21:35	70		
23-9	maa			4:24	250	11:12	50	16:55	244	23:45	66			3:44	234	10:15	68	16:25	230	22:45	81		
24-9	din			5:59	249	12:24	64	18:45	243	1:16	75			4:48	234	11:35	73	17:58	228	0:09	84		
25-9	woe					1:16	75	7:25	260	14:06	60	20:10	252			0:09	84	6:28	242	13:11	64	19:33	238
26-9	don					2:40	62	8:36	276	15:20	41	21:20	263			1:40	72	7:52	257	14:18	48	20:46	250
27-9	vry					3:48	43	9:36	290	16:25	22	22:15	270			2:45	58	8:55	271	15:30	35	21:40	259
28-9	zat	20:26	NM			4:43	26	10:26	300	17:15	5	23:10	274			3:50	48	9:56	280	16:36	28	22:30	263
29-9	zon					5:33	11	11:19	304	18:03	-4	0:05	274			4:56	41	10:41	286	17:31	24	23:15	264
30-9	maa			0:05	274	6:19	0	12:05	303	18:46	-8	0:49	273			5:46	34	11:25	288	18:17	23	23:56	264
1-10	din			0:49	273	7:03	-6	12:44	298	19:30	-6	1:35	271			6:36	29	12:11	287	18:59	26	0:41	264
2-10	woe			1:35	271	7:46	-7	13:24	290	20:12	3	2:10	267	0:41	264	7:15	27	12:55	281	19:35	32		
3-10	don			2:10	267	8:26	0	14:10	280	20:51	18	2:34	265	1:25	260	7:51	29	13:36	270	20:05	41		
4-10	vry			2:34	265	9:07	14	14:50	267	21:30	36	3:05	262	1:55	255	8:25	37	14:15	256	20:36	53		
5-10	zat	18:47	EK	3:05	262	9:48	32	15:39	252	22:08	54	3:59	258	2:38	247	8:56	49	15:00	240	21:05	67		
6-10	zon			3:59	258	10:32	53	16:40	239	22:56	73	5:05	254	3:02	240	9:46	64	15:52	226	21:55	82		
7-10	maa			5:05	254	11:36	74	17:59	229	0:15	88	6:15	252	4:19	235	10:46	79	17:00	217	23:00	95		
8-10	din					0:15	88	6:15	252	13:10	81	19:30	231	5:33	236	12:15	85	18:18	217	0:55	95		
9-10	woe					1:46	83	7:55	259	14:40	69	20:45	243			0:55	95	6:33	242	13:46	74	19:58	226
10-10	don					2:56	67	8:55	272	15:40	51	21:34	254			2:06	79	8:09	253	14:34	59	21:05	237
11-10	vry					3:52	51	9:45	281	16:28	40	22:30	262			3:05	65	9:05	263	15:31	49	21:45	244
12-10	zat					4:38	42	10:24	285	17:08	38	23:05	265			3:46	57	9:45	267	16:15	46	22:15	247
13-10	zon	23:08	VM			5:17	37	10:59	286	17:45	38	23:46	267			4:26	53	10:18	268	16:46	45	22:40	251
14-10	maa					5:55	34	11:35	287	18:15	34	0:10	270			5:00	50	10:52	269	17:25	45	23:05	254
15-10	din			0:10	270	6:29	29	12:05	287	18:48	31	0:38	271			5:35	48	11:20	269	17:56	45	23:35	257
16-10	woe			0:38	271	7:02	27	12:35	284	19:20	28					6:06	46	11:50	268	18:15	46	0:05	258
17-10	don			1:02	270	7:37	27	13:05	279	19:53	30			0:05	258	6:31	46	12:22	265	18:40	48	0:31	257
18-10	vry			1:35	267	8:09	30	13:42	272	20:27	34			0:31	257	6:44	47	12:55	259	18:55	52		
19-10	zat			1:54	265	8:45	31	14:10	266	21:03	38			1:05	254	7:25	49	13:36	251	19:40	56		
20-10	zon			2:08	265	9:21	34	14:56	259	21:42	43			1:45	250	7:55	53	14:21	241	20:15	64		
21-10	maa	14:39	LK	2:58	263	10:05	40	15:45	250	22:25	53			2:31	246	8:45	60	15:10	232	21:10	75		
22-10	din			4:03	259	10:56	50	17:04	241	23:20	68			3:35	242	9:49	70	16:20	225	22:15	87		
23-10	woe			5:40	260	12:10	61	18:35	241	0:50	77			4:45	242	11:20	73	17:50	226	23:55	89		
24-10	don					0:50	77	6:55	268	13:45	55	19:45	249	6:14	249	12:50	63	19:15	236	1:15	77		
25-10	vry					2:16	65	8:05	280	14:56	39	20:55	258			1:15	77	7:30	261	14:06	48	20:15	248
26-10	zat					3:22	46	9:05	291	15:58	23	21:55	266			2:35	63	8:36	273	15:05	38	21:10	257
27-10	zon					3:21	30	9:00	298	15:51	11	21:45	271			2:31	52	8:25	280	15:06	34	21:00	262
28-10	maa	4:38	NM			4:10	16	9:56	299	16:39	5	22:45	274			3:32	45	9:10	284	16:07	34	21:40	265
29-10	din					4:58	6	10:40	297	17:24	4	23:25	276			4:21	39	10:00	284	16:51	35	22:26	267
30-10	woe					5:42	1	11:28	290	18:05	7	23:55	276			5:12	35	10:46	280	17:27	39	23:06	268
31-10	don					6:25	2	12:05	282	18:46	16	0:35	276			5:46	34	11:26	273	17:56	43	23:45	266
1-11	vry			0:35	276	7:06	9	12:45	271	19:26	27	0:59	275			6:22	36	12:05	261	18:19	49	0:19	261
2-11	zat			0:59	275	7:46	22	13:15	258	20:03	41			0:19	261	6:56	43	12:56	246	19:00	57		
3-11	zon			1:34	273	8:26	39	14:15	245	20:38	55			1:05	255	7:25	54	13:33	231	19:35	69		
4-11	maa	11:23	EK	2:36	267	9:06	58	14:50	232	21:16	70			1:40	248	8:14	67	14:30	218	20:26	82		
5-11	din			3:31	260	9:57	76	16:14	224	22:08	86			2:38	241	8:59	81	15:24	211	21:15	94		
6-11	woe			4:35	255	11:26	87	17:48	223	23:56	91			3:44	239	10:14	89	16:42	211	22:31	101		
7-11	don			5:59	255	12:45	83	18:59	232	1:06	81			4:58	241	11:50	84	17:48	218	0:06	93		
8-11	vry					1:06	81	7:10	263	13:56	70	20:01	244			0:06	93	6:10	248	12:50	70	19:00	229
9-11	zat					2:10	67	8:00	271	14:51	57	20:45	254			1:09	79	7:19	255	13:44	59	19:52	239
10-11	zon					3:00	55	8:45	276	15:31	49	21:30	262			2:00	67	8:05	261	14:26	52	20:35	247
11-11	maa					3:43	46	9:25	280	16:08	42	22:05	268			2:46	60	8:45	264	15:06	48	21:10	253
12-11	din	14:34	VM			4:25	40	10:00	283	16:43	36	22:35	273			3:20	54	9:26	265	15:46	46	21:46	257

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	lw	cm	HW	cm	lw	cm	HW	cm		
13-11	woe					5:02	35	10:35	283	17:18	32	23:10	276			4:01	50	9:50	266	16:16	45	22:15	260
14-11	don					5:38	32	11:16	280	17:56	30	23:46	275			4:40	48	10:21	265	16:45	46	22:40	262
15-11	vry					6:16	31	11:45	275	18:31	32	0:15	273			5:09	47	10:55	262	17:15	48	23:15	263
16-11	zat			0:15	273	6:52	32	12:20	269	19:07	36	0:31	273			5:35	47	11:38	256	17:36	52	23:56	262
17-11	zon			0:31	273	7:29	34	13:00	262	19:45	39					6:16	49	12:21	249	18:20	56	0:28	259
18-11	maa			1:05	273	8:08	36	13:51	253	20:25	44	0:28	259			6:45	52	13:16	239	19:05	64		
19-11	din	22:11	LK	2:05	271	8:55	41	14:45	245	21:10	54	1:19	255			7:39	59	14:05	230	20:05	74		
20-11	woe			3:15	268	9:52	49	16:00	239	22:08	66	2:25	252			8:55	65	15:21	224	21:18	83		
21-11	don			4:20	268	11:05	56	17:15	238	23:26	74	3:35	251			10:10	66	16:25	225	22:31	83		
22-11	vry			5:35	271	12:20	51	18:14	242	0:51	65	4:48	254			11:30	59	17:48	232	23:54	75		
23-11	zat					0:51	65	6:40	277	13:30	41	19:25	249	6:05	261	12:36	49	18:50	242	0:54	64		
24-11	zon					1:56	50	7:46	282	14:36	31	20:30	257			0:54	64	7:05	268	13:35	43	19:45	250
25-11	maa					2:57	36	8:44	286	15:27	22	21:36	265			2:06	55	7:55	273	14:45	42	20:30	257
26-11	din	16:06	NM			3:50	24	9:36	287	16:17	18	22:21	273			3:06	49	8:56	274	15:36	43	21:22	262
27-11	woe					4:38	16	10:25	284	17:03	18	23:04	278			4:06	44	9:36	273	16:21	44	21:55	267
28-11	don					5:24	12	11:10	279	17:45	20	23:40	281			4:46	40	10:15	269	16:56	46	22:35	270
29-11	vry					6:07	14	11:45	270	18:25	26	0:05	282			5:26	39	11:05	261	17:20	47	23:15	270
30-11	zat			0:05	282	6:49	21	12:35	260	19:03	34	0:45	281			6:05	41	11:45	251	17:49	50	0:01	267
1-12	zon			0:45	281	7:27	32	13:10	249	19:38	43	0:01	267			6:30	45	12:30	238	18:36	55	0:35	261
2-12	maa			1:15	278	8:06	46	13:55	239	20:15	52	0:35	261			7:15	54	13:09	226	19:04	63		
3-12	din			2:08	271	8:48	59	14:35	230	20:50	62	1:14	254			7:45	64	13:59	216	19:52	72		
4-12	woe	7:58	EK	2:55	263	9:30	72	15:30	223	21:36	75	2:09	247			8:35	75	14:52	210	20:39	82		
5-12	don			3:50	256	10:15	83	16:38	220	22:44	88	2:54	242			9:25	83	15:49	208	21:30	89		
6-12	vry			4:59	252	11:40	86	17:45	224	0:15	89	4:00	239			10:25	86	16:48	212	22:34	93		
7-12	zat					0:15	89	6:00	253	12:45	81	18:50	232	5:14	240	11:51	81	18:05	220	0:03	88		
8-12	zon					1:20	80	7:05	258	13:45	71	19:45	243			0:03	88	6:08	244	12:45	69	19:00	230
9-12	maa					2:15	69	7:58	264	14:41	59	20:25	254			1:05	76	7:15	250	13:40	58	19:44	241
10-12	din					3:06	57	8:44	271	15:28	48	21:21	264			1:55	65	8:05	255	14:20	50	20:38	249
11-12	woe					3:52	48	9:25	275	16:13	40	22:00	272			2:46	56	8:56	258	15:06	46	21:15	256
12-12	don	6:12	VM			4:35	41	10:14	276	16:53	35	22:40	276			3:31	49	9:25	260	15:46	44	21:50	260
13-12	vry					5:17	35	10:54	274	17:33	32	23:21	277			4:10	45	10:08	259	16:26	44	22:10	265
14-12	zat					5:56	31	11:36	269	18:13	32	23:56	278			4:56	43	10:40	257	17:01	46	22:44	268
15-12	zon					6:38	29	12:05	263	18:53	34	0:31	279			5:39	43	11:28	253	17:28	48	23:35	269
16-12	maa			0:31	279	7:20	28	12:55	257	19:32	36					6:10	43	12:05	247	18:10	51	0:25	268
17-12	din			1:15	279	8:03	29	13:45	250	20:16	39	0:25	268			6:55	45	13:05	240	19:08	57		
18-12	woe			2:05	278	8:50	33	14:45	243	21:02	46	1:26	265			7:55	49	14:06	233	20:05	63		
19-12	don	5:57	LK	3:00	275	9:45	41	15:50	237	21:52	56	2:15	262			8:56	53	15:05	227	21:06	68		
20-12	vry			4:00	271	10:45	49	16:45	234	22:58	66	3:05	258			9:56	55	16:05	225	22:16	71		
21-12	zat			5:05	268	11:55	51	17:54	235	0:25	65	4:20	255			11:01	55	17:15	227	23:26	69		
22-12	zon					0:25	65	6:04	266	13:05	48	19:10	239	5:25	255	12:05	53	18:15	233	0:31	63		
23-12	maa					1:32	55	7:25	267	14:10	42	20:15	249			0:31	63	6:35	257	13:05	50	19:21	241
24-12	din					2:36	43	8:25	270	15:07	34	21:04	261			1:35	56	7:38	259	14:11	48	20:16	250
25-12	woe					3:33	30	9:25	272	15:57	28	21:55	272			2:41	49	8:35	260	15:05	48	20:55	258
26-12	don	6:13	NM			4:25	22	10:20	272	16:45	26	22:46	280			3:46	44	9:21	259	15:56	48	21:40	265
27-12	vry					5:10	19	11:05	268	17:27	28	23:24	284			4:31	40	10:00	255	16:40	48	22:15	269
28-12	zat					5:53	21	11:45	261	18:06	31	23:59	284			5:11	39	10:45	250	17:09	47	23:00	270
29-12	zon					6:35	27	12:15	252	18:45	34	0:25	283			5:46	40	11:25	243	17:38	46	23:40	269
30-12	maa			0:25	283	7:12	36	12:55	245	19:18	38					6:20	43	12:05	235	18:15	47	0:20	265
31-12	din			1:00	280	7:46	44	13:35	238	19:50	42	0:20	265			6:51	47	12:45	227	18:48	51		