

Getijdengegevens 2020

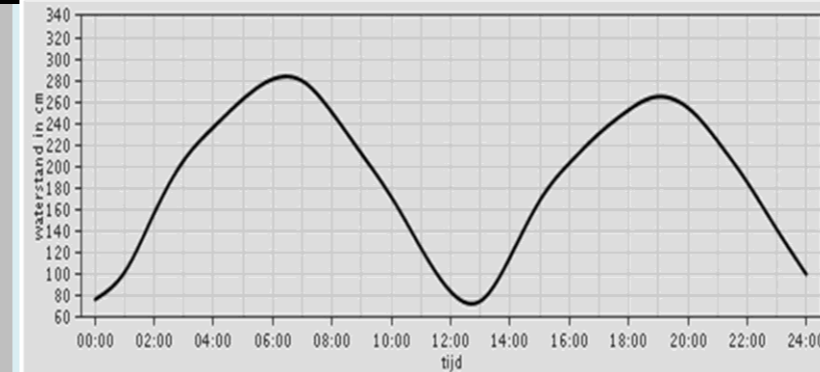
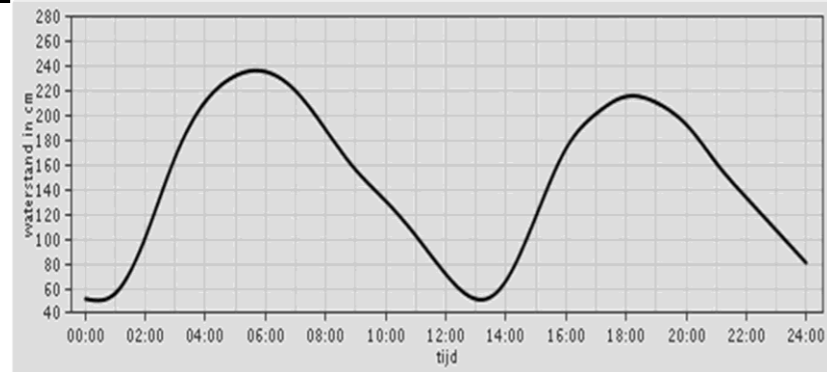
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Referentievlak :LAT
datum dag maan stand

Harlingen		53.1667° N, 5.4167° O				LAT=NAP-134			
HW	cm	lw	cm	HW	cm	lw	cm	HW	cm

Nes, Ameland		53.4333° N, 5.7833° O				LAT=NAP-172			
HW	cm	lw	cm	HW	cm	lw	cm	HW	cm



1-1	woe	0:49	250	8:20	60	12:59	206	20:15	48	1:25	294	7:52	76	13:45	251	19:51	73		
2-1	don	1:20	244	8:50	63	13:20	204	20:50	49	2:05	288	8:28	83	14:25	247	20:26	80		
3-1	vry	1:54	238	9:26	65	14:09	202	21:26	52	2:50	281	9:06	90	15:11	244	21:10	87		
4-1	zat	2:45	234	10:05	67	14:54	202	22:14	57	3:35	274	9:54	95	16:15	242	22:00	95		
5-1	zon	3:40	231	11:05	68	16:00	204	23:10	63	4:39	269	10:50	97	17:25	244	23:05	101		
6-1	maa	4:34	231	12:20	67	17:18	208	0:35	66	5:39	269	12:00	93	18:30	253	0:25	98		
7-1	din			0:35	66	5:35	232	13:36	59			0:25	98	6:45	274	13:15	83	19:25	265
8-1	woe			1:56	60	7:02	235	14:36	50	19:48	170	1:36	86	7:56	282	14:06	71	20:24	279
9-1	don			3:00	51	8:10	238	15:31	43	20:55	180	2:36	73	8:45	288	15:00	62	21:15	290
10-1	vry	20:21	VM	3:56	45	9:10	239	16:26	42	21:40	188	3:31	61	9:35	291	15:46	57	22:00	298
11-1	zat			4:52	41	10:10	237	17:11	42	22:25	193	4:21	53	10:35	290	16:36	54	22:46	302
12-1	zon			5:46	40	10:55	234	17:56	43	23:05	198	5:06	47	11:20	287	17:22	52	23:30	306
13-1	maa			6:31	38	11:40	229	18:36	42	23:45	201	5:56	43	12:00	282	18:06	51		
14-1	din			7:18	36	12:30	223	19:25	39			0:05	308	6:41	40	12:45	276	18:51	50
15-1	woe			0:35	260	8:00	35	13:21	215	20:06	36	0:56	309	7:25	40	13:30	271	19:35	51
16-1	don			1:20	258	8:45	36	14:05	208	20:51	34	1:41	308	8:11	44	14:26	265	20:21	54
17-1	vry	13:59	LK	2:16	252	9:31	39	14:48	201	21:35	36	2:34	303	8:56	50	15:16	259	21:08	60
18-1	zat			3:05	245	10:21	44	15:28	198	22:31	41	3:25	295	9:50	60	16:05	254	22:04	69
19-1	zon			3:53	238	11:16	51	16:29	199	23:36	48	4:33	286	10:46	70	17:05	252	23:06	77
20-1	maa			4:47	232	12:21	55	17:28	205	0:45	51	5:35	279	11:56	76	18:15	255	0:20	78
21-1	din			0:45	51	6:01	229	13:35	54			0:20	78	6:52	275	13:05	75	19:29	264
22-1	woe			2:11	47	7:05	229	14:45	49	19:44	230	1:36	72	8:00	277	14:15	70	20:36	277
23-1	don			3:20	40	8:24	231	15:41	44	20:45	243	2:48	60	9:06	279	15:15	63	21:26	289
24-1	vry	22:42	NM	4:16	36	9:25	231	16:31	42	21:41	252	3:45	51	9:55	279	16:01	58	22:11	296
25-1	zat			5:06	37	10:18	227	17:16	43	22:21	257	4:30	47	10:46	275	16:43	57	22:45	300
26-1	zon			5:50	41	10:55	222	17:51	42	23:00	259	5:12	48	11:26	270	17:16	57	23:20	302
27-1	maa			6:26	45	11:14	218	18:20	39	23:24	258	5:51	51	11:45	265	17:55	55	23:56	302
28-1	din			6:56	47	11:35	216	18:56	36			6:25	54	12:25	262	18:20	52		
29-1	woe			0:05	256	7:25	47	12:10	215	19:25	34	0:25	300	6:55	57	12:56	260	18:56	52
30-1	don			0:35	251	7:56	49	12:42	212	19:55	35	1:04	296	7:25	61	13:26	258	19:25	54
31-1	vry			1:05	244	8:25	51	12:54	211	20:25	36	1:36	290	7:55	66	13:45	255	19:56	58
1-2	zat			1:30	239	8:51	52	13:15	212	20:56	38	2:05	283	8:26	71	14:28	252	20:30	63
2-2	zon	2:41	EK	2:05	236	9:26	53	13:54	214	21:36	42	2:45	276	9:01	75	15:08	249	21:15	71
3-2	maa			2:48	233	10:10	55	14:54	214	22:30	48	3:24	269	9:44	82	15:58	246	22:06	81

Referentievlak :LAT				Harlingen LAT=NAP -134 53.1667° N, 5.4167° O						Nes, Ameland LAT=NAP-172 53.4333° N, 5.7833° O													
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm						
4-2	din			3:39	229	11:05	60	16:12	212	23:35	56			4:30	262	10:56	89	17:25	246	23:26	90		
5-2	woe			4:50	225	12:35	62	17:29	214	1:05	56			6:05	260	12:15	88	18:51	255	0:56	85		
6-2	don					1:05	56	6:19	222	13:56	54	19:04	223			0:56	85	7:15	267	13:30	77	19:50	270
7-2	vry					2:25	47	7:44	225	15:01	44	20:28	234			2:06	70	8:25	275	14:35	65	20:50	285
8-2	zat					3:40	37	9:08	228	16:06	39	21:25	244			3:06	55	9:26	281	15:30	55	21:41	296
9-2	zon	8:33	VM			4:41	31	9:55	229	16:56	36	22:16	251			4:03	42	10:10	284	16:20	47	22:25	303
10-2	maa					5:33	27	10:55	227	17:45	33	22:55	257			4:55	32	11:06	283	17:11	40	23:16	308
11-2	din					6:22	23	11:42	224	18:29	27	23:44	261			5:42	24	11:56	281	17:56	34	23:56	312
12-2	woe					7:07	20	12:20	222	19:12	21					6:26	19	12:45	279	18:36	28		
13-2	don			0:30	263	7:48	19	13:05	218	19:56	17			0:45	313	7:11	21	13:20	276	19:21	28		
14-2	vry			1:16	259	8:30	23	13:37	212	20:37	17			1:30	310	7:52	27	14:06	270	20:02	32		
15-2	zat	23:17	LK	1:59	250	9:11	30	14:10	207	21:21	22			2:16	301	8:33	39	14:45	264	20:47	42		
16-2	zon			2:35	239	9:52	40	14:38	204	22:06	31			3:06	289	9:20	55	15:36	257	21:35	55		
17-2	maa			3:19	226	10:36	50	15:19	204	23:00	42			3:55	274	10:10	71	16:36	251	22:36	70		
18-2	din			4:18	215	11:35	58	16:44	206	0:23	49			5:08	261	11:25	84	17:40	250	23:56	78		
19-2	woe					0:23	49	5:39	209	13:00	58			6:28	255	12:34	85	19:05	258	1:20	71		
20-2	don					1:46	45	7:02	210	14:16	49	19:24	228			1:20	71	7:45	259	13:55	74	20:16	273
21-2	vry					3:05	33	8:25	216	15:21	37	20:35	242			2:35	56	8:56	266	14:55	61	21:10	287
22-2	zat					4:02	24	9:25	220	16:12	31	21:32	250			3:28	43	9:45	270	15:42	52	21:56	294
23-2	zon	16:32	NM			4:51	25	10:05	219	16:56	32	22:05	253			4:15	39	10:30	269	16:26	48	22:36	296
24-2	maa					5:30	32	10:40	215	17:36	33	22:46	253			4:55	41	11:09	265	17:02	47	23:06	297
25-2	din					6:02	37	10:54	215	18:07	31	23:15	253			5:26	43	11:25	264	17:30	44	23:34	298
26-2	woe					6:36	38	11:31	217	18:35	26	23:45	252			5:58	44	11:58	265	18:05	40		
27-2	don					7:06	36	11:58	219	19:05	24			0:06	297	6:26	45	12:26	267	18:30	38		
28-2	vry			0:18	247	7:30	36	12:15	218	19:35	25			0:36	293	6:52	47	12:44	265	19:01	39		
29-2	zat			0:45	240	7:55	39	12:36	215	20:01	27			1:06	287	7:21	51	13:21	263	19:31	42		
1-3	zon			1:05	233	8:25	41	13:05	216	20:35	29			1:36	280	7:46	55	13:45	260	20:05	46		
2-3	maa	20:57	EK	1:29	229	8:50	41	13:24	220	21:12	32			2:05	273	8:25	59	14:25	257	20:41	52		
3-3	din			2:05	227	9:35	44	14:15	220	21:56	38			2:56	264	9:06	67	15:10	252	21:35	64		
4-3	woe			2:55	219	10:26	51	15:25	215	23:06	47			3:47	254	10:00	79	16:14	247	22:36	77		
5-3	don			4:18	210	11:35	59	16:45	212	0:25	50			5:10	247	11:25	89	18:00	250	0:10	79		
6-3	vry					0:25	50	5:50	206	13:15	56					0:10	79	6:56	252	12:55	82	19:26	265
7-3	zat					2:06	39	7:45	212	14:42	44	20:00	233			1:40	63	8:00	264	14:06	66	20:26	282
8-3	zon					3:20	26	8:55	220	15:46	34	21:05	244			2:46	45	9:06	273	15:10	51	21:20	295
9-3	maa	18:47	VM			4:25	18	9:56	223	16:39	27	21:56	252			3:45	29	10:05	278	16:05	39	22:06	303
10-3	din					5:16	13	10:34	223	17:27	21	22:46	256			4:36	17	10:50	281	16:52	28	22:56	308
11-3	woe					6:03	11	11:26	222	18:15	15	23:26	259			5:23	11	11:41	282	17:36	18	23:45	311
12-3	don					6:49	10	12:06	222	18:59	7					6:05	7	12:20	281	18:19	13		
13-3	vry			0:10	259	7:28	11	12:45	220	19:41	3			0:26	310	6:47	11	13:01	279	19:01	12		
14-3	zat			0:56	252	8:06	17	13:20	217	20:21	6			1:11	304	7:28	20	13:35	275	19:41	18		
15-3	zon			1:36	241	8:45	26	13:45	214	21:01	14			1:56	292	8:08	35	14:15	269	20:23	30		
16-3	maa	10:34	LK	2:09	225	9:16	37	13:56	212	21:45	26			2:34	276	8:51	53	15:00	262	21:10	47		
17-3	din			2:48	210	9:56	47	14:50	210	22:30	38			3:25	259	9:35	72	15:51	255	22:06	66		
18-3	woe			3:50	197	10:50	56	16:14	208	23:45	47			4:25	244	10:46	89	17:00	251	23:31	77		
19-3	don			5:08	191	12:21	60	17:35	214	1:25	43			6:00	238	12:04	91	18:30	256	1:00	70		

Referentievlak :LAT				Harlingen LAT=NAP -134 53.1667° N, 5.4167° O						Nes, Ameland LAT=NAP-172 53.4333° N, 5.7833° O													
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm						
20-3	vry					1:25	43	6:48	194	13:55	48	19:09	226	1:00	70	7:30	245	13:30	76	19:51	270		
21-3	zat					2:45	27	8:18	204	14:56	32	20:18	239	2:15	52	8:35	256	14:30	59	20:45	284		
22-3	zon					3:40	16	9:05	212	15:55	24	21:08	246	3:08	38	9:30	264	15:20	48	21:29	290		
23-3	maa					4:25	17	9:47	213	16:36	24	21:53	247	3:50	34	10:13	265	16:05	44	22:04	291		
24-3	din	10:28	NM			5:06	24	10:15	213	17:11	26	22:26	246	4:28	36	10:40	265	16:38	41	22:34	291		
25-3	woe					5:35	29	10:45	215	17:45	25	22:50	246	5:01	38	11:10	267	17:08	37	23:05	292		
26-3	don					6:06	28	11:05	220	18:16	21	23:20	245	5:30	37	11:35	270	17:36	32	23:42	291		
27-3	vry					6:35	26	11:30	223	18:45	19	23:50	241	6:01	36	11:54	272	18:06	31				
28-3	zat					7:01	26	12:05	222	19:10	20			0:05	287	6:26	38	12:31	271	18:37	33		
29-3	zon				0:20	233	8:26	30	13:25	218	20:41	23			0:35	280	7:55	42	13:55	267	20:05	35	
30-3	maa				1:45	223	8:55	33	13:51	216	21:13	26			2:05	272	8:25	46	14:26	264	20:35	38	
31-3	din				2:10	216	9:25	34	14:10	219	21:46	28			2:46	264	8:55	50	14:58	261	21:16	44	
1-4	woe	12:21	EK		2:34	212	10:04	37	14:44	220	22:36	33			3:25	255	9:36	59	15:41	257	22:02	54	
2-4	don				3:24	203	10:54	44	15:55	215	23:41	40			4:22	244	10:30	73	16:50	251	23:15	68	
3-4	vry				4:59	192	12:09	54	17:30	212	1:16	42			5:50	237	11:50	86	18:24	252	0:45	70	
4-4	zat					1:16	42	6:48	191	13:45	53	19:20	219			0:45	70	7:32	242	13:33	82	19:50	266
5-4	zon					2:46	30	8:30	202	15:10	40	20:35	234			2:15	53	8:44	255	14:45	64	20:55	282
6-4	maa					4:01	16	9:35	213	16:16	29	21:46	245			3:26	35	9:46	266	15:46	47	21:54	294
7-4	din					5:01	9	10:32	218	17:17	22	22:36	251			4:21	21	10:34	273	16:38	33	22:46	301
8-4	woe	4:35	VM			5:53	7	11:15	220	18:09	15	23:20	254			5:11	12	11:30	278	17:29	22	23:36	304
9-4	don					6:41	8	12:00	222	18:56	9					5:58	8	12:16	280	18:13	13		
10-4	vry				0:06	253	7:23	9	12:40	224	19:38	3			0:15	304	6:43	8	12:56	282	18:56	7	
11-4	zat				0:55	249	8:02	12	13:15	225	20:20	0			1:04	300	7:25	13	13:36	282	19:41	8	
12-4	zon				1:36	240	8:40	17	13:51	225	20:58	4			1:51	292	8:02	22	14:15	280	20:18	14	
13-4	maa				2:10	227	9:16	25	14:20	223	21:36	14			2:36	278	8:40	36	14:52	275	21:00	27	
14-4	din				2:55	210	9:46	33	14:44	220	22:20	25			3:15	262	9:16	53	15:24	268	21:45	45	
15-4	woe	0:56	LK		3:34	195	10:20	41	15:39	215	23:06	37			4:12	245	10:01	70	16:25	261	22:40	63	
16-4	don				4:24	183	11:16	50	16:59	211	0:15	45			5:04	232	11:05	87	17:35	255	0:00	75	
17-4	vry					0:15	45	5:44	178	12:24	56					0:00	75	6:30	226	12:35	92		
18-4	zat					1:35	43	7:10	183	14:05	49	19:39	224			1:24	70	8:01	234	13:55	80	20:05	267
19-4	zon					2:58	30	8:34	194	15:25	35	20:48	234			2:44	55	9:05	247	15:00	63	21:16	278
20-4	maa					4:06	19	9:30	204	16:16	26	21:35	240			3:33	42	9:55	257	15:50	51	21:55	284
21-4	din					4:51	17	10:09	209	17:01	24	22:15	240			4:16	38	10:35	262	16:30	45	22:45	285
22-4	woe					5:26	21	10:45	213	17:41	25	22:50	239			4:55	37	11:10	266	17:09	41	23:10	286
23-4	don	4:26	NM			6:01	23	11:06	217	18:12	24	23:28	237			5:26	36	11:35	270	17:38	36	23:46	286
24-4	vry					6:36	22	11:41	223	18:46	21					5:58	33	12:05	275	18:13	32		
25-4	zat				0:02	236	7:05	20	12:15	226	19:25	19			0:15	285	6:30	32	12:42	277	18:46	31	
26-4	zon				0:32	232	7:35	21	12:35	225	19:52	20			0:45	280	7:00	34	13:05	275	19:16	33	
27-4	maa				1:06	224	8:01	25	13:04	222	20:26	24			1:14	272	7:31	39	13:39	271	19:47	36	
28-4	din				1:35	213	8:33	29	13:35	219	20:56	27			1:56	263	7:56	44	14:06	269	20:21	38	
29-4	woe				2:05	203	9:01	30	13:59	218	21:31	28			2:25	255	8:35	49	14:46	266	21:00	43	
30-4	don	22:38	EK		2:18	195	9:45	33	14:42	218	22:20	31			3:18	245	9:16	58	15:35	262	21:55	52	
1-5	vry				3:08	186	10:40	39	15:37	215	23:30	35			4:20	236	10:10	70	16:40	259	22:58	61	
2-5	zat				4:54	179	11:46	46	17:20	215	0:55	34			5:39	232	11:25	80	18:05	261	0:24	59	
3-5	zon					0:55	34	6:40	184	13:16	46					0:24	59	6:55	238	12:56	76	19:25	271

Referentievlak :LAT				Harlingen LAT=NAP -134 53.1667° N, 5.4167° O						Nes, Ameland LAT=NAP-172 53.4333° N, 5.7833° O															
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm								
4-5	maa					2:20	22	8:05	196	14:40	36	20:16	236			1:48	44	8:15	250	14:10	61	20:24	283		
5-5	din					3:30	12	9:05	207	15:50	27	21:10	245			2:50	30	9:21	261	15:18	46	21:26	292		
6-5	woe					4:32	8	10:02	214	16:55	21	22:06	248			3:55	21	10:16	269	16:15	34	22:20	296		
7-5	don	12:45	VM			5:26	10	10:54	219	17:45	16	23:00	248			4:45	16	11:06	275	17:05	24	23:16	296		
8-5	vry					6:15	13	11:31	224	18:35	12	23:46	244			5:33	15	11:50	280	17:56	17				
9-5	zat					6:56	16	12:10	229	19:17	7			0:00	294	6:19	17	12:35	284	18:39	12				
10-5	zon				0:30	237	7:36	18	12:45	232	20:01	7			0:51	288	7:01	22	13:10	286	19:22	13			
11-5	maa					1:14	227	8:11	20	13:20	234	20:40	11			1:36	278	7:37	29	13:45	285	20:00	20		
12-5	din					1:45	213	8:47	25	13:55	232	21:20	19			2:15	265	8:16	40	14:30	282	20:42	31		
13-5	woe					2:30	198	9:14	30	14:35	228	21:56	29			3:00	251	8:55	52	15:11	276	21:26	46		
14-5	don	16:03	LK			3:08	185	9:56	35	15:19	222	22:46	38			3:45	238	9:34	65	15:54	269	22:20	61		
15-5	vry					3:54	176	10:41	42	16:25	217	23:35	44			4:39	228	10:25	79	17:06	263	23:26	72		
16-5	zat					5:12	172	11:40	49	17:40	216	0:56	45			5:44	223	11:34	88	18:09	261	0:45	73		
17-5	zon							0:56	45	6:20	177	12:59	51					0:45	73	7:10	227	13:05	85	19:25	264
18-5	maa							2:05	38	7:30	186	14:29	45	19:59	226			1:50	64	8:25	237	14:16	74	20:36	270
19-5	din							3:05	30	8:30	197	15:26	37	20:48	230			2:48	54	9:16	249	15:08	62	21:21	276
20-5	woe							4:00	24	9:22	206	16:16	33	21:41	232			3:30	47	9:50	259	15:54	54	22:00	279
21-5	don							4:45	22	9:55	214	17:06	31	22:20	232			4:15	42	10:30	267	16:30	47	22:40	281
22-5	vry	19:39	NM					5:26	21	10:41	221	17:41	28	22:58	231			4:50	38	11:05	274	17:15	42	23:20	282
23-5	zat							6:05	20	11:20	226	18:21	25	23:30	230			5:26	35	11:46	279	17:48	37	23:56	280
24-5	zon							6:38	19	11:55	229	18:58	23					6:01	34	12:25	281	18:26	36		
25-5	maa					0:05	226	7:14	22	12:15	230	19:36	25			0:30	275	6:36	37	12:51	280	18:56	37		
26-5	din					0:35	218	7:45	26	12:55	229	20:11	27			1:05	267	7:10	41	13:22	278	19:36	39		
27-5	woe					1:25	208	8:11	28	13:30	227	20:49	29			1:46	259	7:45	46	13:56	277	20:16	42		
28-5	don					2:05	197	8:51	29	14:15	224	21:26	30			2:26	251	8:25	51	14:41	275	20:55	45		
29-5	vry					2:31	186	9:36	31	14:59	222	22:25	31			3:15	243	9:13	58	15:36	273	21:55	50		
30-5	zat	5:30	EK			3:42	179	10:26	34	15:54	222	23:25	31			4:04	237	10:05	65	16:30	272	22:56	53		
31-5	zon					5:01	177	11:35	38	17:12	224	0:36	28			5:22	235	11:10	71	17:40	273	0:06	50		
1-6	maa							0:36	28	6:14	183	12:55	39					0:06	50	6:46	239	12:26	69		
2-6	din							1:50	22	7:25	193	14:11	34	19:35	237			1:18	42	7:52	247	13:40	60	20:02	283
3-6	woe							3:00	17	8:28	203	15:16	29	20:42	241			2:25	35	8:51	257	14:46	50	21:00	287
4-6	don							4:04	16	9:15	213	16:25	25	21:43	242			3:22	30	9:45	266	15:51	40	21:54	288
5-6	vry	21:12	VM					5:01	18	10:15	222	17:23	21	22:36	240			4:20	28	10:40	275	16:46	32	22:56	287
6-6	zat							5:48	21	11:06	230	18:15	19	23:26	235			5:12	28	11:25	282	17:38	25	23:45	283
7-6	zon							6:35	24	11:45	237	19:02	17					5:59	30	12:10	288	18:25	23		
8-6	maa					0:10	227	7:15	25	12:19	241	19:46	18			0:35	277	6:41	34	12:50	291	19:06	24		
9-6	din					0:45	216	7:46	25	13:06	243	20:26	21			1:20	268	7:21	38	13:24	291	19:46	28		
10-6	woe					1:35	205	8:25	25	13:46	241	21:05	27			2:05	257	7:58	43	14:05	289	20:30	37		
11-6	don					1:56	194	9:01	27	14:19	236	21:41	33			2:45	247	8:35	50	14:50	285	21:06	48		
12-6	vry					2:44	185	9:30	30	15:03	230	22:16	40			3:25	238	9:10	58	15:40	279	21:50	59		
13-6	zat	8:24	LK			3:14	179	10:11	35	15:49	223	23:00	44			4:10	232	9:54	68	16:30	272	22:46	70		
14-6	zon					4:14	176	10:46	41	16:40	219	23:56	47			5:05	228	10:45	79	17:20	266	23:46	76		
15-6	0-1					5:18	177	11:50	47	17:54	217	1:01	47			6:00	228	11:50	86	18:28	262	0:45	76		
16-6	din							1:01	47	6:24	184	13:00	52					0:45	76	7:08	233	13:16	86	19:35	263
17-6	woe							2:06	42	7:25	194	14:25	50	19:52	222			1:50	69	8:08	243	14:16	78	20:31	267

Referentievlak :LAT				Harlingen LAT=NAP -134 53.1667° N, 5.4167° O						Nes, Ameland LAT=NAP-172 53.4333° N, 5.7833° O							
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
18-6	don					3:06	35	8:24	205	15:26	44	20:50	225			2:40	60
19-6	vry					3:58	28	9:20	216	16:25	39	21:35	228			3:30	52
20-6	zat					4:46	25	10:15	224	17:10	34	22:25	228			4:15	46
21-6	zon	8:41	NM			5:31	23	10:55	230	17:56	32	23:05	226			5:01	42
22-6	maa					6:11	24	11:30	234	18:41	30	23:49	222			5:40	41
23-6	din					6:55	27	11:55	237	19:26	30			0:15	273	6:20	42
24-6	woe				0:30	217	7:31	29	12:40	240	20:05	30	1:00	268	7:01	44	
25-6	don					1:12	209	8:06	30	13:25	240	20:45	30	1:35	261	7:36	47
26-6	vry					1:59	200	8:46	29	14:05	238	21:30	29	2:25	255	8:21	49
27-6	zat					2:55	192	9:31	28	14:55	236	22:16	29	3:16	250	9:06	53
28-6	zon	10:16	EK			3:49	185	10:25	29	15:45	234	23:10	29	4:12	245	9:56	57
29-6	maa					4:40	183	11:16	32	16:55	233	0:10	30	5:05	243	10:56	62
30-6	din						0:10	30	5:45	186	12:25	35	6:10	244	11:56	65	
1-7	woe						1:25	31	6:40	193	13:36	37	19:05	234	0:46	51	
2-7	don						2:26	30	7:38	204	14:55	35	20:05	235	7:22	248	
3-7	vry						3:35	29	8:45	217	16:05	31	21:15	235	13:10	63	
4-7	zat						4:35	29	9:35	229	17:07	28	22:15	233	8:26	257	
5-7	zon	6:44	VM				5:28	29	10:35	240	18:01	26	23:05	228	9:26	268	
6-7	maa						6:15	31	11:26	247	18:48	27	23:58	220	15:31	49	
7-7	din						6:56	31	12:09	250	19:31	29			21:45	281	
8-7	woe				0:35	212	7:30	29	12:41	252	20:06	32	0:33	271	4:00	44	
9-7	don						1:10	205	8:05	27	13:26	250	20:45	35	10:20	279	
10-7	vry						1:34	199	8:41	26	14:06	245	21:18	38	16:30	40	
11-7	zat						2:12	194	9:10	28	14:38	238	21:46	43	22:46	280	
12-7	zon						2:38	190	9:46	32	15:04	231	22:25	47			
13-7	maa	1:29	LK				3:10	189	10:20	36	15:37	225	23:00	50	4:55	42	
14-7	din						3:59	189	11:00	42	16:24	222	23:45	53	11:10	288	
15-7	woe						4:40	191	11:56	50	17:14	220	0:50	54	17:25	34	
16-7	don							0:50	54	5:50	196	12:54	56	5:59	236	18:25	259
17-7	vry							2:05	50	7:11	205	14:32	55	11:45	90	0:34	86
18-7	zat							3:10	41	8:28	217	15:40	47	19:25	222	7:15	242
19-7	zon							4:15	35	9:35	228	16:45	41	1:50	79	8:15	253
20-7	maa	19:33	NM					5:05	32	10:25	236	17:35	37	20:48	225	9:15	267
21-7	din							5:51	32	11:10	241	18:27	35	21:54	227	10:06	279
22-7	woe							6:35	33	11:50	247	19:13	32	3:42	59	10:50	288
23-7	don							7:21	32	12:24	251	19:56	29	4:35	53	11:50	293
24-7	vry							8:05	30	13:15	254	20:45	28	5:20	49	12:16	297
25-7	zat							8:43	26	14:09	253	21:25	27	0:06	276	6:06	47
26-7	zon							9:29	24	14:44	249	22:08	29	0:44	273	6:49	44
27-7	maa	14:33	EK					10:16	26	15:42	243	22:55	34	1:35	270	7:35	43
28-7	din							11:01	30	16:28	236	23:45	40	2:26	266	8:15	42
29-7	woe							12:01	37	17:20	231	0:46	46	3:05	262	8:58	44
30-7	don							0:46	46	5:59	199	13:06	43	3:55	257	9:45	49
31-7	vry							1:56	47	7:04	210	14:26	43	4:46	253	10:36	57
1-8	zat							3:06	43	8:20	224	15:49	37	5:46	250	11:30	66
																18:05	277
																0:20	67
																6:40	252
																12:46	72
																19:04	272
																13:55	69
																20:31	273
																21:35	276

Referentievlak :LAT				Harlingen LAT=NAP -134 53.1667° N, 5.4167° O					Nes, Ameland LAT=NAP-172 53.4333° N, 5.7833° O													
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm					
2-8	zon					4:10	37	9:21	239	16:56	31	22:08	228	3:45	58	10:04	287	16:21	46	22:35	278	
3-8	maa	17:59	VM			5:06	33	10:15	250	17:45	29	23:00	226	4:40	52	10:55	296	17:12	38	23:30	277	
4-8	din					5:55	34	11:05	256	18:36	33	23:41	220	5:30	49	11:40	302	17:59	37			
5-8	woe					6:39	35	11:45	258	19:15	38			0:15	272	6:11	49	12:15	303	18:39	40	
6-8	don				0:15	214	7:16	34	12:19	258	19:51	41	0:55	267	6:46	49	12:55	303	19:16	45		
7-8	vry				0:39	211	7:46	31	12:55	257	20:20	42	1:25	263	7:18	47	13:25	302	19:46	49		
8-8	zat				1:10	211	8:21	28	13:35	253	20:45	44	1:50	260	7:51	47	14:00	298	20:16	55		
9-8	zon				1:45	209	8:51	30	14:05	245	21:20	47	2:25	258	8:20	50	14:36	291	20:48	62		
10-8	maa				2:01	207	9:16	34	14:35	237	21:46	51	2:55	255	8:50	57	15:05	282	21:16	71		
11-8	din	18:45	LK		2:21	207	9:46	38	14:45	232	22:16	53	3:25	251	9:23	65	15:45	273	21:55	78		
12-8	woe				2:51	209	10:25	42	15:35	229	22:50	54	4:08	247	10:00	74	16:20	265	22:30	85		
13-8	don				3:35	210	11:06	48	16:25	226	23:40	58	4:48	244	10:46	86	17:19	257	23:25	94		
14-8	vry				4:45	210	12:00	56	17:30	222	0:50	62	6:00	244	11:55	97	18:39	254	0:56	98		
15-8	zat						0:50	62	6:04	212	13:30	61			0:56	98	7:28	252	13:36	97	20:05	260
16-8	zon						2:25	58	7:49	220	15:06	55	20:14	223	2:10	88	8:35	267	14:50	82	21:05	270
17-8	maa						3:36	48	9:03	233	16:15	45	21:39	227	3:16	75	9:40	283	15:50	66	22:06	278
18-8	din						4:41	41	10:00	244	17:15	38	22:35	229	4:16	64	10:35	294	16:47	53	22:55	282
19-8	woe	4:42	NM				5:31	38	10:56	251	18:11	34	23:32	227	5:03	55	11:10	303	17:36	42	23:45	283
20-8	don						6:25	37	11:35	257	18:59	31			5:48	48	11:55	308	18:21	34		
21-8	vry				0:15	225	7:06	33	12:15	262	19:46	29	0:40	283	6:36	41	12:45	312	19:05	28		
22-8	zat				0:55	223	7:55	28	13:04	265	20:28	27	1:26	281	7:19	37	13:26	314	19:49	28		
23-8	zon				1:46	220	8:33	23	13:55	263	21:08	29	2:05	279	7:59	35	14:15	312	20:33	33		
24-8	maa				2:25	215	9:16	23	14:36	256	21:48	35	2:45	275	8:42	38	14:56	306	21:12	43		
25-8	din	19:58	EK		3:00	210	9:59	26	15:15	245	22:26	44	3:30	270	9:25	46	15:46	295	21:56	58		
26-8	woe				3:02	207	10:41	34	16:00	233	23:06	53	4:16	264	10:11	58	16:43	282	22:46	74		
27-8	don				3:47	208	11:31	44	16:44	223	0:06	61	5:10	260	11:06	72	17:46	270	23:50	87		
28-8	vry						0:06	61	5:04	210	12:41	52	6:05	259	12:20	82	18:58	263	1:06	91		
29-8	zat						1:20	63	6:39	218	14:05	52	19:29	216	1:06	91	7:36	266	13:46	79	20:21	266
30-8	zon						2:45	56	7:59	232	15:35	42	20:55	222	2:22	82	8:45	281	15:06	64	21:25	274
31-8	maa						3:56	44	9:04	248	16:36	31	22:01	227	3:31	68	9:45	296	16:06	49	22:24	280
1-9	din						4:50	35	10:05	259	17:31	29	22:45	227	4:26	58	10:34	305	16:56	42	23:20	281
2-9	woe	7:22	VM				5:41	35	10:51	263	18:16	36	23:25	223	5:11	53	11:24	308	17:38	43		
3-9	don						6:20	38	11:30	263	18:55	45	23:50	220	0:00	277	5:48	53	11:55	307	18:16	48
4-9	vry						6:52	39	12:01	262	19:25	49			0:36	273	6:23	53	12:25	306	18:48	53
5-9	zat				0:10	222	7:27	37	12:36	261	19:51	48	0:55	272	6:53	51	12:55	304	19:18	56		
6-9	zon				0:45	225	7:55	34	13:06	257	20:21	48	1:25	272	7:25	51	13:30	300	19:48	60		
7-9	maa				1:10	226	8:25	36	13:36	249	20:45	51	1:56	271	7:55	54	14:00	292	20:16	67		
8-9	din				1:29	223	8:51	40	13:55	240	21:10	54	2:15	268	8:25	60	14:31	283	20:41	73		
9-9	woe				1:44	223	9:16	44	14:05	235	21:35	55	2:45	264	8:51	66	14:55	274	21:11	78		
10-9	don	11,26	LK		2:15	226	9:50	46	14:45	233	22:15	56	3:11	261	9:25	73	15:38	266	21:46	85		
11-9	vry				2:50	228	10:36	51	15:25	227	22:56	60	3:46	257	10:06	83	16:25	258	22:36	96		
12-9	zat				3:55	224	11:30	58	16:45	219	23:55	68	4:59	253	11:05	96	17:36	251	23:45	108		
13-9	zon				5:19	221	12:45	65	18:19	214	1:35	70	6:38	255	12:34	102	19:30	255	1:36	105		
14-9	maa						1:35	70	6:58	226	14:31	59	19:58	219	1:36	105	8:00	271	14:16	87	20:35	268
15-9	din						3:00	59	8:24	240	15:55	46	21:25	228	2:50	87	9:10	289	15:25	67	21:46	280

Referentievlak :LAT				Harlingen 53.1667° N, 5.4167° O LAT=NAP -134						Nes, Ameland 53.4333° N, 5.7833° O LAT=NAP-172											
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm				
16-9	woe					4:15	49	9:35	253	16:55	37	22:21	233	3:48	71	10:00	303	16:21	51	22:40	287
17-9	don	13:00	NM			5:11	42	10:25	261	17:50	33	23:05	233	4:41	59	10:50	312	17:15	40	23:30	290
18-9	vry					6:05	39	11:16	266	18:37	31	23:56	232	5:29	49	11:36	317	17:59	32		
19-9	zat					6:51	34	12:05	269	19:23	31			0:16	291	6:13	41	12:20	320	18:45	30
20-9	zon			0:38	231	7:36	28	12:46	269	20:04	32			0:59	291	6:57	35	13:06	319	19:26	31
21-9	maa			1:15	231	8:18	24	13:30	265	20:45	37			1:40	290	7:41	33	13:50	314	20:06	39
22-9	din			1:50	229	8:58	25	14:16	254	21:21	44			2:26	286	8:21	38	14:41	304	20:46	52
23-9	woe			2:22	225	9:36	32	14:56	240	21:55	53			3:01	281	9:05	48	15:24	290	21:30	69
24-9	don	3:55	EK	2:40	224	10:20	41	15:29	225	22:36	62			3:45	275	9:46	63	16:08	274	22:16	87
25-9	vry			3:20	223	11:11	52	16:29	212	23:25	70			4:29	270	10:41	79	17:15	261	23:16	102
26-9	zat			4:42	221	12:16	61	17:38	205	0:46	74			5:35	268	11:55	91	18:35	255	0:46	107
27-9	zon					0:46	74	6:19	226	13:45	60	19:10	208	0:46	107	6:55	273	13:30	86	20:05	261
28-9	maa					2:15	66	7:39	239	15:11	46	20:39	217	2:00	94	8:20	288	14:46	69	21:16	273
29-9	din					3:31	49	8:44	254	16:18	33	21:45	226	3:13	77	9:25	302	15:45	54	22:10	282
30-9	woe					4:26	39	9:46	263	17:05	32	22:17	228	4:05	64	10:16	310	16:32	48	22:56	284
1-10	don	23:05	VM			5:16	38	10:25	265	17:48	40	22:58	227	4:48	59	10:55	310	17:12	51	23:30	282
2-10	vry					5:56	43	11:05	263	18:25	50	23:14	229	5:23	59	11:30	308	17:48	57	23:54	280
3-10	zat					6:29	45	11:35	261	18:50	53	23:35	234	5:56	58	12:00	306	18:17	60		
4-10	zon					7:01	43	12:05	260	19:21	51			0:25	282	6:29	57	12:25	303	18:46	62
5-10	maa			0:10	239	7:31	41	12:31	257	19:45	50			0:56	284	6:56	57	12:55	298	19:16	65
6-10	din			0:35	239	7:56	43	13:06	249	20:15	53			1:22	283	7:26	60	13:32	290	19:45	70
7-10	woe			1:11	236	8:25	47	13:25	240	20:36	56			1:45	279	7:55	65	13:55	281	20:06	75
8-10	don			1:20	235	8:51	50	13:39	233	21:01	56			2:16	275	8:20	69	14:25	273	20:36	79
9-10	vry			1:35	237	9:25	52	14:05	230	21:36	57			2:40	273	8:55	74	15:05	265	21:15	85
10-10	zat	2:39	LK	2:20	239	10:06	55	14:50	223	22:26	61			3:19	269	9:40	82	15:54	256	22:05	96
11-10	zon			3:25	234	11:06	61	16:10	212	23:30	69			4:17	265	10:45	94	17:07	249	23:10	109
12-10	maa			4:45	229	12:26	66	17:50	207	0:45	74			5:50	265	12:11	100	18:55	253	0:45	110
13-10	din					0:45	74	6:18	233	14:06	59	19:39	215	0:45	110	7:25	278	13:40	85	20:09	267
14-10	woe					2:25	65	7:59	246	15:25	45	20:51	227	2:16	94	8:36	295	14:55	65	21:20	280
15-10	don					3:45	53	9:12	259	16:28	36	21:54	234	3:16	76	9:30	309	15:51	50	22:16	288
16-10	vry	21:31	NM			4:46	46	10:06	267	17:23	34	22:44	237	4:11	62	10:20	317	16:45	41	23:04	293
17-10	zat					5:37	40	10:51	270	18:15	36	23:33	238	5:03	51	11:15	320	17:33	36	23:45	296
18-10	zon					6:28	36	11:35	270	18:56	37			5:51	43	11:56	320	18:18	36		
19-10	maa			0:05	240	7:16	32	12:24	267	19:37	40			0:36	297	6:36	37	12:46	316	19:00	40
20-10	din			0:50	242	7:57	29	13:06	259	20:16	44			1:16	297	7:18	37	13:30	308	19:42	49
21-10	woe			1:26	242	8:37	31	13:50	247	20:51	51			1:50	296	8:01	42	14:16	295	20:22	61
22-10	don			1:55	241	9:21	39	14:28	231	21:26	58			2:34	292	8:45	53	15:00	281	21:01	76
23-10	vry	15:23	EK	2:21	239	9:56	49	14:45	216	22:05	64			3:16	287	9:28	67	15:50	266	21:46	92
24-10	zat			2:58	236	10:46	59	15:41	203	22:45	70			4:12	281	10:20	83	16:45	253	22:40	106
25-10	zon			3:18	231	10:50	66	16:14	197	23:00	76			4:10	278	10:36	95	17:04	248	23:05	113
26-10	maa			4:49	232	12:05	66	17:42	200	0:25	72			5:35	279	11:55	92	18:35	254	0:30	103
27-10	din					0:25	72	6:09	241	13:29	56			0:30	103	6:45	289	13:10	78	19:48	266
28-10	woe					1:56	59	7:15	252	14:40	44	20:09	220	1:38	87	7:56	300	14:15	66	20:35	277
29-10	don					2:51	48	8:10	259	15:36	42	20:49	226	2:34	75	8:46	306	14:56	61	21:26	282
30-10	vry					3:41	46	8:55	260	16:11	46	21:14	231	3:16	69	9:26	306	15:36	61	21:55	284

Referentievlak :LAT				Harlingen 53.1667° N, 5.4167° O LAT=NAP -134						Nes, Ameland 53.4333° N, 5.7833° O LAT=NAP-172														
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm							
31-10	zat	15:49 VM				4:25	49	9:30	259	16:45	52	21:45	236			3:55	67	9:55	304	16:11	64	22:29	286	
1-11	zon					4:56	51	10:05	257	17:15	53	22:17	242			4:26	65	10:31	303	16:46	65	22:50	291	
2-11	maa					5:31	49	10:35	256	17:46	51	22:45	247			5:00	63	11:06	300	17:12	64	23:26	293	
3-11	din					6:00	47	11:08	252	18:15	50	23:18	248			5:31	62	11:36	295	17:45	66	23:56	292	
4-11	woe					6:35	49	11:35	246	18:45	53	23:34	246			6:00	65	12:06	287	18:11	70			
5-11	don					7:00	52	12:05	237	19:11	55			0:22	288	6:31	69	12:35	278	18:35	75			
6-11	vry				0:15	243	7:31	55	12:25	228	19:41	56			0:35	285	7:01	72	13:05	270	19:10	78		
7-11	zat				0:30	243	8:06	56	12:49	221	20:16	56			1:21	283	7:38	75	13:52	262	19:55	84		
8-11	zon	14:46 LK			0:55	243	8:55	58	13:29	214	21:06	60			2:00	280	8:25	81	14:38	254	20:45	93		
9-11	maa				1:54	240	9:50	61	14:38	204	22:06	66			3:05	277	9:26	89	15:55	249	21:50	103		
10-11	din				3:24	236	11:09	64	16:30	201	23:26	70			4:15	277	10:45	91	17:25	252	23:16	105		
11-11	woe				4:55	240	12:36	57	18:04	210	0:50	64			5:52	285	12:10	79	18:46	263	0:36	93		
12-11	don						0:50	64	6:14	250	13:55	46	19:25	221			0:36	93	6:55	298	13:21	63	19:39	275
13-11	vry						2:06	55	7:30	260	14:58	39	20:15	231			1:40	77	7:56	309	14:16	52	20:40	285
14-11	zat						3:15	48	8:30	266	15:55	39	21:10	238			2:40	64	8:50	315	15:15	46	21:36	292
15-11	zon	6:07 NM					4:16	44	9:26	267	16:46	42	21:55	243			3:38	54	9:40	316	16:06	45	22:23	297
16-11	maa						5:05	40	10:16	264	17:31	45	22:40	248			4:26	46	10:36	313	16:53	46	23:06	301
17-11	din						5:55	37	11:06	258	18:12	47	23:26	251			5:16	43	11:24	307	17:36	49	23:46	303
18-11	woe						6:36	36	11:54	248	18:52	49	23:58	253			5:59	42	12:10	297	18:17	56		
19-11	don						7:21	38	12:25	236	19:31	52			0:26	303	6:45	47	12:55	285	18:58	65		
20-11	vry				0:25	253	8:05	45	13:00	222	20:01	55			1:10	301	7:26	56	13:40	272	19:38	75		
21-11	zat				1:10	250	8:45	53	13:38	209	20:45	59			1:56	296	8:10	68	14:25	259	20:21	86		
22-11	zon	5:45 EK			1:49	245	9:26	61	14:11	199	21:24	63			2:44	291	9:00	81	15:15	249	21:15	98		
23-11	maa				2:52	239	10:23	67	15:30	193	22:15	68			3:40	286	10:05	92	16:25	244	22:15	107		
24-11	din				4:09	235	11:26	69	16:48	194	23:29	72			4:48	282	11:10	95	17:43	245	23:30	108		
25-11	woe				5:19	237	12:35	66	17:58	201	0:58	69			5:55	284	12:20	90	19:00	253	0:45	99		
26-11	don						0:58	69	6:24	242	13:44	59					0:45	99	7:05	289	13:24	82	19:45	264
27-11	vry						2:06	62	7:15	246	14:45	54	19:44	222			1:48	88	8:06	293	14:12	75	20:35	274
28-11	zat						3:00	57	8:15	249	15:26	52	20:34	231			2:35	80	8:40	296	14:55	71	21:16	282
29-11	zon						3:43	55	9:01	249	16:05	51	21:15	239			3:18	74	9:26	296	15:33	68	21:51	289
30-11	maa	10:30 VM					4:25	54	9:25	249	16:42	50	21:46	245			3:55	70	10:00	297	16:06	66	22:20	295
1-12	din						5:01	52	10:05	248	17:15	48	22:20	250			4:35	67	10:36	295	16:46	64	23:01	298
2-12	woe						5:36	51	10:39	245	17:54	49	22:45	252			5:09	65	11:11	291	17:21	65	23:31	297
3-12	don						6:13	51	11:10	240	18:25	51	23:28	252			5:41	66	11:46	284	17:51	68		
4-12	vry						6:46	54	11:45	233	18:50	52			0:02	295	6:15	68	12:15	276	18:25	71		
5-12	zat				0:00	251	7:20	55	12:16	223	19:25	52			0:25	294	6:50	70	12:55	269	18:56	74		
6-12	zon				0:35	248	8:05	56	12:58	213	20:06	52			1:05	293	7:26	72	13:35	262	19:46	78		
7-12	maa				1:18	245	8:46	56	13:38	205	20:56	54			1:55	291	8:16	75	14:35	255	20:30	83		
8-12	din	1:36 LK			2:00	243	9:41	57	14:11	199	21:51	57			2:50	289	9:16	78	15:35	251	21:28	90		
9-12	woe				3:08	241	10:45	58	16:00	198	23:01	61			3:55	287	10:26	79	16:50	251	22:45	92		
10-12	don				4:30	243	12:06	55	17:24	204	0:15	60			5:16	289	11:36	74	18:05	258	23:56	87		
11-12	vry						0:15	60	5:40	248	13:16	49			6:20	295	12:45	65	19:10	268	1:06	77		
12-12	zat						1:36	55	6:58	252	14:20	45	19:39	225			1:06	77	7:25	300	13:48	58	20:05	278
13-12	zon						2:46	49	8:00	256	15:25	45	20:41	236			2:15	67	8:26	304	14:46	55	21:06	288
14-12	maa	17:16 NM					3:55	45	9:00	256	16:21	46	21:31	246			3:12	57	9:20	304	15:40	53	21:56	296

Referentievlak :LAT				Harlingen 53.1667° N, 5.4167° O LAT=NAP -134				Nes, Ameland 53.4333° N, 5.7833° O LAT=NAP-172															
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm						
15-12	din					4:47	42	9:55	252	17:07	48	22:15	253			4:11	50	10:23	300	16:33	53	22:46	302
16-12	woe					5:37	40	10:48	245	17:55	49	22:55	258			5:00	45	11:04	294	17:18	55	23:26	306
17-12	don					6:23	39	11:36	236	18:31	48	23:46	260			5:46	44	11:55	286	18:01	58		
18-12	vry					7:08	41	12:10	226	19:11	47			0:05	307	6:31	47	12:44	276	18:41	61		
19-12	zat					0:15	260	7:45	45	12:40	216	19:46	47	0:45	306	7:12	53	13:26	266	19:16	66		
20-12	zon					0:55	257	8:26	51	13:19	207	20:25	48	1:30	303	7:55	62	14:05	257	19:56	72		
21-12	maa	0:41	EK			1:26	251	9:06	57	13:36	201	20:54	51	2:15	297	8:36	73	14:45	250	20:40	80		
22-12	din					2:19	243	9:46	62	14:21	196	21:41	56	3:06	290	9:25	84	15:38	244	21:26	90		
23-12	woe					3:08	236	10:34	67	15:21	194	22:25	63	3:55	282	10:16	93	16:34	242	22:26	100		
24-12	don					4:19	230	11:30	70	16:40	197	23:27	70	4:55	276	11:15	98	17:30	244	23:40	105		
25-12	vry					5:19	228	12:35	69	17:49	204	0:55	71	6:05	273	12:26	96	18:40	251	0:50	100		
26-12	zat							0:55	71	6:23	230	13:41	63			0:50	100	6:55	275	13:20	88	19:36	262
27-12	zon							2:06	66	7:22	233	14:36	56	19:50	226	1:46	91	8:00	280	14:10	79	20:30	275
28-12	maa							3:02	60	8:19	236	15:26	50	20:45	236	2:40	81	8:52	284	14:56	72	21:15	285
29-12	din							3:55	55	9:08	238	16:11	46	21:35	243	3:25	73	9:36	287	15:40	66	21:56	293
30-12	woe	4:28	VM					4:36	51	9:44	238	16:50	45	22:05	248	4:06	67	10:10	288	16:25	63	22:36	297
31-12	don							5:21	49	10:22	236	0:00	46			4:46	63	10:56	285	0:00	61		