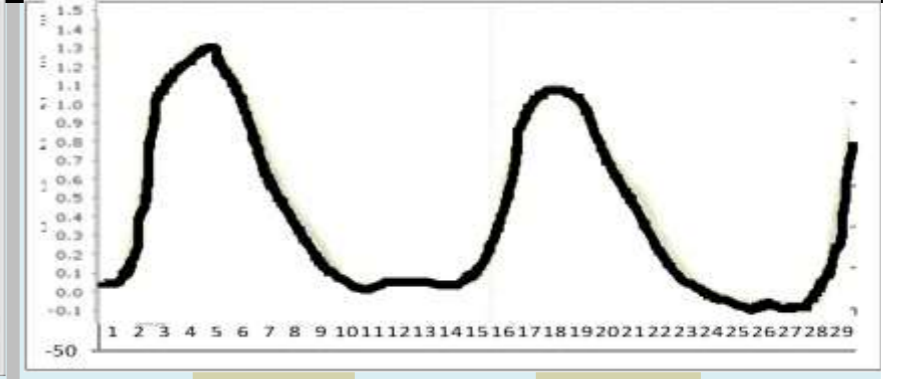
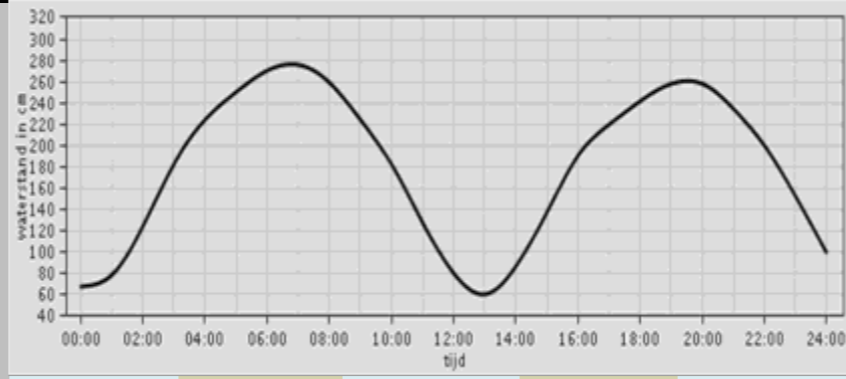
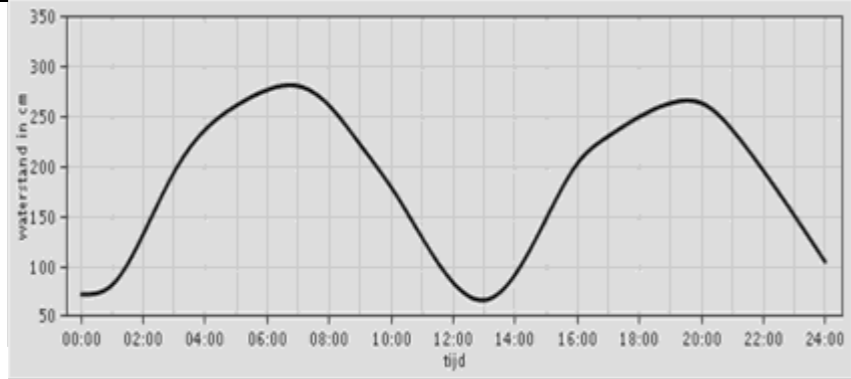


Referentievlak :LAT  
datum dag maanstand

**Lauwersoog** 53.4167° N, 6.2000° O  
LAT= NAP+ 175

**Schiermonnikoog** 53.4667° N, 6.2000° O  
LAT=NAP+168 53°28'012 6°12'0

**Noordpolderzijl** 53.43433° N, 6.58195° O  
LAT=N 40 40 40 40 40



2022 maan stand

		HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw			
1-1	zat 19:34 NM		2:22	164	8:43	290	14:53	59	21:14	286			2:40	-1	9:01	282	15:12	-16	21:31	293
2-1	zon		3:25	164	9:43	292	15:50	57	22:07	297			3:45	-1	10:02	283	16:11	-16	22:25	296
3-1	maa		4:28	49	10:40	291	16:45	56	22:57	305			4:51	-22	11:00	283	17:09	-17	23:17	298
4-1	din		5:28	43	11:34	287	17:38	55	23:45	310			5:50	-23	11:55	282	18:01	-17	0:05	271
5-1	woe		6:20	39	12:26	281	18:25	53					6:41	-24	12:46	281	18:48	-18		
6-1	don	0:33	311	7:07	36	13:16	274	19:09	51				7:27	-25	13:36	279	19:31	-18		
7-1	vry	1:20	310	7:50	38	14:03	267	19:52	51				8:10	-24	14:22	278	20:13	-18		
8-1	zat 19:11 EK	2:07	306	8:32	43	14:48	260	20:35	54				8:51	-23	15:07	276	20:54	-17		
9-1	zon	2:54	299	9:14	53	15:33	254	21:18	62				9:33	-21	15:54	275	21:36	-15		
10-1	maa	3:42	288	9:58	65	16:20	248	22:05	72				10:16	-19	16:39	274	22:22	-13		
11-1	din	4:33	277	10:47	77	17:11	244	22:59	83				11:04	-17	17:29	273	23:15	-10		
12-1	woe		11:44	86	18:08	244							12:01	-15	18:25	273				
13-1	don		0:06	92	6:34	261	12:51	90	19:11	250			4:38	-14	11:03	275	13:09	-16	19:27	264
14-1	vry		1:20	92	7:41	259	13:53	86	20:13	259			1:36	-14	7:58	276	14:09	-9	20:27	287
15-1	zat		2:24	86	8:41	262	14:47	80	21:04	270			2:40	-15	8:59	276	15:04	-11	21:21	289
16-1	zon		3:18	78	9:28	265	15:35	75	21:46	279			3:35	-17	9:49	277	15:53	-12	22:05	292
17-1	maa 00:48 VM		4:06	71	10:09	267	16:17	70	22:24	287			4:24	-18	10:30	278	16:35	-13	22:44	293
18-1	din		4:50	164	10:47	269	16:56	65	23:00	292			5:07	-1	11:09	278	17:14	-14	23:20	295
19-1	woe		5:29	60	11:25	270	17:31	60	23:33	296			5:46	-20	11:46	278	17:49	-16	23:52	268
20-1	don		6:07	54	12:01	270	18:06	56					6:24	-21	12:22	278	18:24	-17		
21-1	vry	0:05	299	6:43	51	12:37	268	18:40	53				7:00	-22	12:58	278	18:58	-17		
22-1	zat	0:41	301	7:18	50	13:14	266	19:16	53				7:35	-22	13:35	278	19:34	-17		
23-1	zon	1:21	301	7:52	52	13:53	262	19:53	54				8:10	-22	14:14	277	20:11	-17		
24-1	maa 14:41 LK	2:04	297	8:29	55	14:33	258	20:34	56				8:10	-22	14:14	277	20:11	-17		
25-1	din	2:47	292	9:11	59	15:13	254	21:21	60				9:26	-20	15:34	275	21:37	-15		
26-1	woe	3:33	284	10:00	65	15:58	251	22:17	67				10:15	-19	16:19	274	22:33	-14		
27-1	don	4:26	275	11:00	72	17:02	250	23:25	73				11:15	-18	17:21	274	23:43	-19		
28-1	vry	5:41	268	12:11	77	18:28	254						12:29	-17	14:31	276				
29-1	zat		0:45	74	7:11	267	13:27	75	19:47	267			1:01	-17	7:27	278	13:43	-12	20:03	289
30-1	zon		2:04	66	8:30	272	14:36	68	20:56	283			2:20	-19	8:47	279	14:52	-14	21:14	293
31-1	maa 06:46 NM		3:18	55	9:38	279	15:41	61	21:55	297			3:37	-21	9:57	280	16:01	-15	22:15	296
1-2	din		4:28	162	10:36	282	16:43	53	22:47	307			4:49	-1	10:56	281	17:05	-18	23:08	298
2-2	woe		5:26	32	11:29	282	17:35	46	23:35	313			5:45	-25	11:48	281	17:56	-19	23:56	271
3-2	don		6:13	26	12:17	279	18:19	39					6:32	-26	12:35	280	18:40	-21		
4-2	vry	0:20	314	6:54	24	13:00	274	18:58	34				7:13	-27	13:18	279	19:18	-22		
5-2	zat	1:03	311	7:31	27	13:39	269	19:34	33				7:50	-26	13:57	278	19:54	-22		
6-2	zon	1:43	304	8:05	34	14:15	263	20:09	36				8:24	-25	14:34	277	20:29	-22		
7-2	maa 14:50 EK	2:21	294	8:39	45	14:49	256	20:45	44				9:30	-20	15:43	274	21:39	-16		
8-2	din	2:56	280	9:14	59	15:23	249	21:22	57				10:06	-18	16:22	273	22:20	-13		
9-2	woe	3:31	266	9:50	73	16:01	244	22:04	73				10:50	-15	17:17	272	23:12	-9		
10-2	don	4:15	253	10:34	88	16:57	240	22:56	89				11:49	-13	18:25	272				
11-2	vry	5:20	242	11:33	100	18:08	241						11:11	-14	19:38	264				
12-2	zat		0:15	100	6:41	239	13:04	101	19:23	249			4:47	-13	11:11	272	13:20	-14	19:38	264

Referentievlak :LAT		<b>Lauwersoog</b> LAT= NAP+ 175				<b>53.4167° N, 6.2000° O</b>				<b>Schiermonnikoog</b> LAT=NAP+168				<b>53.4667° N, 6.2000° O</b>				<b>53°28'012 6°12'0</b>				<b>Noordpolderzijl</b> LAT=N 40				<b>53.43433° N, 6.58195° O</b>								
datum	dag	maanstand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm				
13-2	zon				1:47	94	8:02	244	14:16	90	20:31	262			1:48	87	8:04	239	14:15	84	20:33	256			2:00	-14	8:19	273	14:31	-8	20:47	287		
14-2	maa				2:52	80	9:07	253	15:12	77	21:24	275			2:50	73	9:09	248	15:09	71	21:25	269			3:06	-17	9:26	275	15:28	-12	21:42	290		
15-2	din	17:56	VM		3:46	65	9:56	261	15:59	66	22:07	284			3:43	59	9:57	256	15:56	59	22:08	279			4:02	-19	10:16	277	16:17	-14	22:27	293		
16-2	woe				4:32	163	10:37	267	16:41	57	22:45	292			4:29	156	10:38	261	16:37	50	22:46	286			4:49	-1	10:57	278	17:00	-17	23:06	295		
17-2	don				5:14	44	11:16	270	17:20	49	23:19	297			5:10	38	11:18	265	17:16	42	23:21	291			5:32	-23	11:36	278	17:40	-19	23:40	268		
18-2	vry				5:53	37	11:52	272	17:57	42	23:52	301			5:49	30	11:56	267	17:53	35	23:56	295			6:11	-24	12:11	279	18:18	-20	0:11	269		
19-2	zat				6:30	32	12:26	272	18:33	37					6:26	26	12:31	266	18:28	31					6:49	-25	12:44	279	18:54	-21				
20-2	zon		0:26	303	7:05	32	12:57	271	19:07	36			0:31	297	7:00	26	13:05	265	19:01	29			0:46	297	7:25	-25	13:15	279	19:28	-22				
21-2	maa		1:03	302	7:37	35	13:30	268	19:40	37			1:08	296	7:31	29	13:37	262	19:33	29			1:23	297	7:57	-24	13:48	278	20:01	-21				
22-2	din	23:32	LK		1:43	298	8:08	41	14:05	265	20:16	39			1:47	291	8:02	33	14:12	259	20:09	30			2:02	296	8:27	-23	14:24	277	20:35	-21		
23-2	woe		2:24	290	8:43	49	14:43	261	20:57	45			2:27	284	8:39	40	14:49	255	20:51	36			2:42	294	13:05	-22	15:04	277	21:14	-19				
24-2	don		3:08	278	9:26	59	15:27	256	21:48	56			3:12	272	9:24	51	15:33	251	21:45	47			3:26	291	9:42	-20	15:45	276	22:05	-17				
25-2	vry		4:03	264	10:22	73	16:32	251	22:56	69			4:09	259	10:22	65	16:36	247	22:56	61			4:21	288	10:38	-18	16:49	275	23:15	-14				
26-2	zat		5:24	252	11:39	86	18:01	253					5:29	247	11:40	78	18:02	248					5:40	284	11:56	-15	18:19	275						
27-2	zon				0:29	74	7:01	250	13:10	85	19:31	265			0:28	66	7:04	245	13:08	77	19:34	259			0:46	-18	7:18	274	13:26	-10	19:49	288		
28-2	maa		1:59	63	8:27	259	14:29	71	20:45	282			1:55	55	8:28	253	14:25	65	20:47	276			2:15	-20	8:45	276	14:47	-13	21:04	292				
1-3	din	18:35	NM		3:17	45	9:34	269	15:38	56	21:44	297			3:12	38	9:35	263	15:34	50	21:45	291			3:37	-23	9:52	278	15:59	-17	22:04	296		
2-3	woe		4:21	161	10:28	276	16:36	43	22:33	307			4:16	154	10:30	269	16:31	37	22:35	300			4:41	-1	10:47	280	16:57	-20	22:54	298				
3-3	don		5:12	19	11:15	277	17:23	34	23:17	310			5:07	15	11:17	271	17:18	28	23:20	304			5:31	-28	11:34	280	17:43	-22	23:38	270				
4-3	vry		5:54	17	11:56	276	18:02	28	23:58	310			5:49	13	11:59	270	17:57	22					6:14	-28	12:15	280	18:22	-24	0:19	271				
5-3	zat		6:30	19	12:32	274	18:36	23			0:01	304	6:25	15	12:36	268	18:30	18					6:50	-27	12:50	279	18:57	-25						
6-3	zon		0:36	306	7:02	24	13:05	271	19:07	22			0:40	299	6:57	19	13:08	265	19:01	16			0:57	298	7:22	-26	13:23	279	19:28	-25				
7-3	maa		1:12	297	7:31	30	13:35	267	19:39	25			1:14	290	7:27	25	13:37	261	19:33	19			1:33	296	7:51	-25	13:54	278	19:59	-24				
8-3	din		1:44	285	8:00	40	14:03	262	20:10	34			1:45	278	7:56	34	14:03	256	20:05	27			2:06	293	8:19	-23	14:23	277	20:29	-22				
9-3	woe	11:45	EK		2:12	271	8:28	52	14:30	256	20:42	47			2:13	265	8:25	45	14:30	251	20:38	40			2:35	289	8:47	-21	14:51	275	21:01	-19		
10-3	don		2:42	257	8:58	65	15:01	250	21:17	63			2:42	251	8:56	58	15:02	246	21:15	55			3:06	286	9:16	-19	15:24	274	21:36	-15				
11-3	vry		3:22	244	9:34	78	15:50	243	22:02	80			3:22	238	9:34	71	15:51	239	22:02	73			3:47	282	9:52	-17	16:13	273	22:21	-11				
12-3	zat		4:21	232	10:23	94	17:05	239	23:05	96			4:24	226	10:25	87	17:09	233	23:08	90			4:45	279	10:42	-14	17:25	272	23:27	-15				
13-3	zon		5:47	226	11:36	106	18:34	243					5:55	221	11:41	99	18:38	238					6:08	256	11:57	-13	14:35	271						
14-3	maa				0:59	97	7:19	232	13:38	98	19:54	256			1:02	90	7:22	227	13:35	90	19:56	251			1:14	-14	7:36	270	13:53	-7	20:09	286		
15-3	din		2:21	77	8:39	246	14:43	79	20:55	272			2:19	70	8:40	240	14:39	71	20:56	265			2:35	-17	8:57	273	15:00	-11	21:14	290				
16-3	woe		3:17	57	9:34	259	15:33	62	21:42	284			3:13	50	9:35	253	15:28	54	21:43	277			3:34	-21	9:53	276	15:53	-16	22:03	293				
17-3	don	08:18	VM		4:05	41	10:18	268	16:18	49	22:23	291			4:00	34	10:19	261	16:12	41	22:23	285			4:24	-24	10:38	278	16:39	-19	22:45	294		
18-3	vry		4:48	161	10:58	272	16:59	39	22:59	297			4:43	154	10:58	266	16:53	31	23:00	291			5:08	-1	11:17	279	17:21	-21	23:21	296				
19-3	zat		5:29	23	11:34	274	17:38	31	23:34	300			5:23	16	11:36	269	17:32	23	23:36	294			5:49	-27	11:53	279	18:01	-23	23:53	269				
20-3	zon		6:06	19	12:07	275	18:16	25					6:01	13	12:10	269	18:09	18					6:28	-27	12:24	279	18:39	-24						
21-3	maa		0:09	300	6:41	21	12:37	274	18:51	23			0:12	294	6:35	14	12:42	269	18:43	15			0:29	272	7:04	-27	12:53	279	19:15	-25				
22-3	din		0:46	298	7:14	26	13:08	274	19:25	24			0:50	292	7:07	18	13:14	268	19:16	15			1:04	296	7:37	-26	13:25	279	19:49	-24				
23-3	woe		1:25	292	7:45	33	13:44	272	19:59	28			1:29	286	7:39	25	13:49	267	19:52	18			1:43	294	8:07	-24	14:01	279	20:22	-23				
24-3	don	06:37	LK		2:07	281	8:19	43	14:24	269	20:40	36			2:10	275	8:15	34	14:29	264	20:35	27			2:25	292	12:45	-23	14:41	278	21:01	-21		
25-3	vry		2:55	267	9:00	57	15:16	263	21:32	50			2:59	261	8:59	49	15:18	258	21:30	41			3:14	288	9:19	-20	15:32	277	21:53	-18				
26-3	zat		3:59	251	9:57	75	16:26	257	22:46	66			4:02	245	9:59	67	16:24	252	22:47	57			4:17	284	10:16	-17	16:43	276	23:07	-15				
27-3	zon		6:24	240	12:21	89	18:51	258					6:26	235	12:23	81	18:50	252					6:43	282	12:41	-15	19:11	276						
28-3	maa				1:25	67	7:57	242	14:01	84	20:18	269			1:23	59	8:00	236	13:58	76	20:20	263			1:44	-19	8:16	273	14:19	-10	20:38	289		
29-3	din		2:53	51	9:19	253	15:19	66	21:30	284			2:48	44	9:21	246	15:15	59	21:32	278			3:12	-22	9:37	275	15:39	-14	21:51	293				
30-3	woe		4:04	32	10:22	264	16:24	48	22:27	296			3:59	26	10:24	257	16:19	42	22:29	289			4:25	-25	10:40	277	16:45	-19	22:48	296				
31-3	don	08:24	NM		5:02	20	11:12	270	17:17	35	23:13	302			4:57	15	11:13	263	17:13	30	23:15	295			5:22	-28	11:31	278	17:38	-22	23:34	269		
1-4	vry		5:49	160	11:52	272	18:01	28																										

Referentievlak :LAT		Lauwersoog LAT= NAP+ 175 53.4167° N, 6.2000° O						Schiermonnikoog LAT=NAP+168 53.4667° N, 6.2000° O						Noordpolderzijl LAT=N 40 53.43433° N, 6.58195° O														
datum	dag	maanstand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm		
7-4	don		2:38	261	8:48	47	14:54	263	21:08	44	2:37	254	8:44	39	14:54	258	21:04	36	3:02	287	9:07	-22	15:16	277	21:28	-20		
8-4	vry	08:47 EK	3:10	249	9:16	56	15:27	257	21:40	56	3:07	243	9:14	48	15:27	252	21:38	48	3:35	283	9:35	-20	15:49	276	22:00	-17		
9-4	zat		3:51	237	9:51	66	16:13	250	22:23	70	3:48	231	9:50	59	16:13	245	22:22	63	4:16	280	10:10	-18	16:36	274	22:44	-13		
10-4	zon		4:48	227	10:38	81	17:18	244	23:22	84	4:47	220	10:40	75	17:19	238	23:24	78	5:13	278	10:59	-16	17:40	273	23:45	-17		
11-4	maa		6:07	222	11:45	96	18:43	245			6:15	215	11:49	89	18:49	239			6:30	256	12:07	-14	14:49	271				
12-4	din				0:53	89	7:41	228	13:25	98	20:10	256	0:55	82	7:45	222	13:29	90	20:12	250	1:15	-15	7:57	269	13:46	-7	20:26	286
13-4	woe				2:36	71	9:01	243	14:58	79	21:17	271	2:34	64	9:03	237	14:55	71	21:17	264	2:53	-18	9:18	273	15:18	-11	21:37	289
14-4	don				3:36	49	10:01	258	15:55	59	22:09	283	3:33	42	10:02	251	15:50	51	22:08	276	3:55	-22	10:20	276	16:16	-16	22:31	292
15-4	vry	20:55 VM			4:27	32	10:49	268	16:43	44	22:53	291	4:22	26	10:49	261	16:38	37	22:52	284	4:47	-25	11:08	278	17:06	-19	23:15	294
16-4	zat				5:13	160	11:31	273	17:29	33	23:34	295	5:07	153	11:31	267	17:22	26	23:33	289	5:35	-1	11:50	279	17:52	-22	23:55	268
17-4	zon				5:56	17	12:09	276	18:12	25			5:49	10	12:09	270	18:05	18			6:19	-28	12:27	279	18:36	-24		
18-4	maa		0:13	296	6:36	16	12:43	278	18:53	19	0:14	290	6:29	9	12:45	272	18:45	12	0:35	271	7:00	-28	13:00	280	19:17	-26		
19-4	din		0:51	295	7:14	18	13:16	279	19:32	17	0:54	289	7:07	11	13:20	274	19:24	9	1:10	295	7:39	-27	13:32	280	19:57	-26		
20-4	woe		1:31	290	7:49	23	13:50	281	20:10	18	1:34	284	7:43	16	13:55	275	20:02	10	1:49	294	8:14	-26	14:06	280	20:35	-26		
21-4	don		2:13	282	8:24	31	14:30	281	20:49	23	2:16	276	8:19	23	14:33	275	20:42	14	2:31	292	8:48	-25	14:47	281	21:14	-25		
22-4	vry	13:56 LK	2:59	271	9:02	41	15:16	278	21:35	33	3:03	264	8:58	34	15:18	273	21:30	24	3:18	289	13:35	-23	15:35	280	21:58	-22		
23-4	zat		3:54	257	9:48	56	16:13	273	22:32	46	3:57	251	9:47	48	16:12	267	22:31	38	4:14	286	10:09	-20	16:32	279	22:54	-19		
24-4	zon		5:02	244	10:49	72	17:23	268	23:48	57	5:05	238	10:50	65	17:20	262	23:47	49	5:23	283	11:10	-17	17:43	278	0:11	-21		
25-4	maa		6:21	238	12:12	82	18:40	270			6:24	231	12:13	74	18:40	262			6:43	258	8:24	-18	14:55	276				
26-4	din				1:15	54	7:43	241	13:42	75	19:59	277	1:13	47	7:48	234	13:40	67	20:02	269	1:36	-22	8:02	273	14:03	-12	20:20	291
27-4	woe				2:32	40	9:00	251	14:55	59	21:09	286	2:29	34	9:04	244	14:52	52	21:12	279	2:53	-24	9:17	275	15:16	-16	21:29	294
28-4	don				3:36	28	10:01	260	15:56	44	22:04	292	3:33	22	10:04	254	15:53	38	22:08	285	3:58	-26	10:19	277	16:18	-20	22:25	295
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1-5	zon				5:54	28	11:54	272	18:09	30			5:50	22	11:57	265	18:05	24			6:17	-26	12:12	279	18:31	-23		
2-5	maa		0:00	288	6:25	32	12:23	276	18:40	29	0:05	280	6:21	26	12:25	269	18:36	22		270	6:47	-25	12:40	280	19:02	-23		
3-5	din		0:34	282	6:52	33	12:54	279	19:10	28	0:39	274	6:49	28	12:56	273	19:06	22	0:54	292	7:13	-24	13:12	280	19:32	-24		
4-5	woe		1:08	274	7:20	35	13:27	279	19:41	31	1:11	267	7:16	29	13:28	272	19:37	25	1:29	290	7:41	-24	13:46	280	20:02	-23		
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6-5	vry		2:14	253	8:17	45	14:30	269	20:42	47	2:14	246	8:14	38	14:31	264	20:39	39	2:38	284	8:36	-22	14:51	278	21:02	-19		
7-5	zat		2:49	243	8:46	52	15:06	264	21:15	55	2:48	236	8:44	44	15:07	259	21:13	47	3:14	282	9:05	-21	15:28	277	21:35	-17		
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9-5	maa		4:29	227	10:10	71	16:50	254	22:56	72	4:29	220	10:10	65	16:50	248	22:57	65	4:53	278	10:30	-17	17:11	275	23:17	-13		
10-5	din		5:40	225	11:13	82	17:59	255			5:46	218	11:17	77	18:03	248			6:00	278	11:33	-15	18:18	275				
11-5	woe				0:13	74	7:03	230	12:35	86	19:21	261	0:14	67	7:08	224	12:38	79	19:23	255	0:33	-17	7:19	270	12:53	-9	19:36	287
12-5	don				1:40	62	8:18	242	14:01	75	20:32	272	1:38	55	8:20	235	14:01	67	20:30	265	2:00	-20	8:34	272	14:20	-12	20:50	290
13-5	vry				2:47	44	9:20	255	15:07	58	21:29	283	2:44	37	9:21	248	15:05	50	21:27	275	3:07	-23	9:38	275	15:27	-16	21:50	292
14-5	zat				3:42	30	10:11	266	16:02	43	22:20	290	3:38	23	10:12	259	15:58	36	22:18	282	4:03	-25	10:30	277	16:24	-19	22:40	294
15-5	zon	06:14 VM			4:32	22	10:57	274	16:54	33	23:06	293	4:27	15	10:58	267	16:48	25	23:06	286	4:54	-26	11:16	279	17:17	-22	23:26	295
16-5	maa				5:20	160	11:39	279	17:43	25	23:51	292	5:14	153	11:40	273	17:36	18	23:52	286	5:44	-1	11:57	280	18:07	-24	0:10	267
17-5	din				6:05	19	12:18	283	18:30	20			5:58	13	12:20	277	18:23	13			6:30	-27	12:36	281	18:55	-25		
18-5	woe		0:36	289	6:47	22	12:57	287	19:15	17	0:38	282	6:41	15	13:00	280	19:08	10	0:55	293	7:12	-26	13:14	282	19:39	-26		
19-5	don		1:20	283	7:29	26	13:37	289	20:00	18	1:24	276	7:23	20	13:40	283	19:54	11	1:39	292	7:54	-25	13:55	282	20:24	-26		
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23-5	maa		5:00	247	10:45	62	17:14	283	23:39	43	5:04	239	10:45	55	17:13	276	23:37	37	5:20	283	11:05	-19	17:35	281	0:01	-23		
24-5	din		6:07	244	11:55	67	18:22	282			6:12	235	11:54	61	18:23	274			6:28	259	12:15	-20	14:37	278				
25-5	woe				0:50	43	7:18	245	13:10	65	19:33	283	0:48	37	7:25	237	13:09	58	19:36	275	1:11	-23	7:36	273	13:30	-14	19:53	293
26-5	don				1:57	39	8:29	250	14:19	56	20:41	285	1:56	33	8:35	243	14:17	50	20:45	277	2:18	-24	8:45	274	14:40	-16	20:59	293
27-5	vry				2:58	34	9:30	257	15:20	48	21:38	285	2:56	28	9:33	250	15:17	41	21:42	277	3:20	-25	9:46	276	15:42	-18	21:57	293
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Referentievlak :LAT		Lauwersoog LAT= NAP+ 175 53.4167° N, 6.2000° O								Schiermonnikoog LAT=NAP+168 53.4667° N, 6.2000° O								Noordpolderzijl LAT=N 40 53.43433° N, 6.58195° O														
datum	dag	maanstand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm						
22-7	vry		5:57	251	11:42	62	18:16	274			5:59	243	11:42	57	18:17	266			6:14	260	11:58	-20	14:25	277								
23-7	zat				0:23	67	6:51	249	12:43	74	19:18	265		0:24	63	6:54	241	12:46	68	19:20	257		0:39	-18	7:06	274	12:58	-12	19:32	288		
24-7	zon				1:27	75	7:53	252	13:57	78	20:27	261		1:29	71	7:58	244	14:00	72	20:32	253		1:42	-17	8:06	274	14:11	-11	20:40	287		
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26-7	din				3:33	71	9:56	270	16:07	68	22:27	264		3:33	66	9:57	263	16:07	62	22:29	256		3:49	-17	10:11	278	16:23	-13	22:45	288		
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28-7	don				5:12	164	11:21	287	17:45	57	23:48	267		5:11	157	11:22	281	17:44	51	23:50	260		5:28	-1	11:39	282	18:01	-16	0:07	263		
29-7	vry				5:52	59	11:58	292	18:25	53				5:50	53	11:59	286	18:23	47				6:09	-20	12:16	283	18:41	-17				
30-7	zat		0:26	267	6:29	56	12:34	295	19:03	49			0:28	260	6:27	49	12:36	289	19:00	43			0:44	288	6:46	-20	12:52	283	19:19	-18		
31-7	zon		1:03	267	7:04	52	13:09	297	19:39	46			1:06	261	7:01	46	13:11	291	19:36	41			1:21	288	7:21	-21	13:27	284	19:55	-19		
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2-8	din		2:15	264	8:11	50	14:17	297	20:45	49			2:20	257	8:07	45	14:20	289	20:40	43			2:32	287	8:28	-21	14:35	284	21:01	-19		
3-8	woe		2:48	260	8:44	52	14:54	294	21:16	52			2:54	253	8:38	46	14:56	287	21:11	45			3:05	287	9:01	-21	15:11	283	21:33	-18		
4-8	don	13:07 EK	3:23	257	9:19	53	15:33	290	21:51	55			3:28	250	9:13	47	15:35	283	21:46	48			3:40	286	9:36	-21	15:50	283	22:07	-17		
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7-8	zon		5:37	252	11:51	69	18:10	269					5:41	245	11:49	63	18:17	262					5:52	261	12:08	-18	14:12	277				
8-8	maa				0:34	74	6:56	255	13:07	74	19:39	267			0:33	67	7:01	248	13:07	68	19:43	260			0:48	-17	7:09	275	13:23	-12	19:51	289
9-8	din				1:51	75	8:20	267	14:31	69	21:01	272			1:50	69	8:24	260	14:30	62	21:04	265			2:06	-17	8:34	278	14:46	-14	21:16	290
10-8	woe				3:06	69	9:32	283	15:47	57	22:13	280			3:03	63	9:36	276	15:44	51	22:16	272			3:20	-18	9:47	281	16:03	-16	22:30	292
11-8	don	03:36 VM			4:14	61	10:34	299	17:01	44	23:15	285			4:10	55	10:37	292	16:57	38	23:18	278			4:31	-19	10:52	284	17:20	-20	23:33	266
12-8	vry				5:19	163	11:28	311	18:03	32					5:15	156	11:31	304	17:59	26					5:39	-8	11:48	287	18:22	-23		
13-8	zat		0:10	287	6:16	45	12:19	318	18:54	24			0:13	280	6:12	40	12:21	311	18:50	19			0:31	270	6:36	-22	12:39	288	19:13	-25		
14-8	zon		1:00	285	7:03	38	13:06	320	19:38	21			1:04	279	6:59	33	13:09	314	19:33	16			1:18	292	7:23	-24	13:26	289	19:57	-26		
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18-8	don	06:36 LK	3:44	266	9:35	40	15:53	292	22:03	54			3:47	259	9:31	35	15:56	284	22:01	49			4:01	288	9:54	-23	16:12	283	22:21	-17		
19-8	vry		4:20	259	10:13	53	16:33	277	22:40	70			4:22	253	10:09	47	16:36	269	22:38	65			4:37	286	10:30	-21	16:51	280	22:56	-13		
20-8	zat		5:01	254	10:54	69	17:19	262	23:22	86			5:02	247	10:52	64	17:24	255	23:22	82			5:17	285	11:10	-18	17:36	277	23:39	-16		
21-8	zon		5:53	250	11:45	87	18:20	251					5:54	243	11:46	83	18:26	243					6:09	260	12:02	-15	10:17	274				
22-8	maa				0:20	101	6:58	250	13:02	100	19:36	247			0:23	96	7:02	244	13:10	95	19:42	239			0:34	-12	7:12	274	13:16	-6	19:49	283
23-8	din				1:50	105	8:13	258	14:35	97	21:02	251			1:54	99	8:18	251	14:38	90	21:08	244			2:03	-12	8:24	275	14:47	-7	21:15	284
24-8	woe				3:06	94	9:25	270	15:43	83	22:07	260			3:06	89	9:28	264	15:43	76	22:10	253			3:19	-13	9:39	278	15:57	-10	22:24	287
25-8	don				4:03	81	10:18	283	16:38	70	22:53	268			4:02	76	10:20	277	16:37	63	22:56	261			4:19	-16	10:36	281	16:53	-13	23:12	289
26-8	vry	10:17 NM			4:52	71	11:00	292	17:24	60	23:32	272			4:50	65	11:03	286	17:22	53	23:35	266			5:09	-18	11:20	283	17:40	-16	23:52	264
27-8	zat				5:34	164	11:38	298	18:04	53					5:31	157	11:40	292	18:01	46					5:52	-7	11:58	284	18:21	-17		
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29-8	maa		0:45	276	6:48	53	12:46	304	19:18	44			0:48	271	6:44	47	12:49	297	19:14	38			1:02	290	7:07	-21	13:04	285	19:35	-20		
30-8	din		1:18	276	7:21	50	13:17	304	19:51	45			1:23	270	7:17	44	13:22	298	19:47	39			1:34	290	7:41	-21	13:35	285	20:09	-20		
31-8	woe		1:48	274	7:54	49	13:50	303	20:21	48			1:55	268	7:48	43	13:55	296	20:16	42			2:04	290	8:14	-21	14:07	285	20:40	-19		
1-9	don		2:17	272	8:24	50	14:26	300	20:50	54			2:25	265	8:18	44	14:30	293	20:44	47			2:33	289	8:44	-21	14:43	284	21:09	-17		
2-9	vry	20:08 EK	2:49	270	8:56	52	15:05	294	21:21	59			2:56	263	8:49	45	15:08	286	21:16	52			3:05	289	13:23	-21	15:23	283	21:38	-16		
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5-9	maa		5:06	261	11:21	77	17:52	261	23:58	94			5:10	255	11:20	71	17:58	254					5:20	287	11:39	-17	18:07	276	0:16	-15		
6-9	din		6:29	262	12:46	86	19:26	258							0:00	88	6:32	255	12:48	80	19:33	252			6:45	262	8:49	-15	15:22	276		
7-9	woe				1:30	98	8:00	273	14:22	78	20:54	267			1:31	91	8:05	266	14:21	72	20:59	260			1:47	-13	8:16	279	14:38	-12	21:12	289
8-9	don				2:55	86	9:17	291	15:43	61	22:06	278			2:53	80	9:22	284	15:41													

Referentievlak :LAT		Lauwersoog LAT= NAP+ 175 53.4167° N, 6.2000° O							Schiermonnikoog LAT=NAP+168 53.4667° N, 6.2000° O							Noordpolderzijl LAT=N 40 40 53.43433° N, 6.58195° O												
datum	dag	maanstand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
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14-9	woe		1:54	282	7:56	36	14:01	309	20:19	44	1:59	277	7:51	31	14:06	303	20:16	39	2:11	292	8:17	-24	14:20	286	20:40	-20		
15-9	don		2:26	278	8:28	39	14:36	297	20:49	54	2:31	272	8:23	34	14:41	290	20:46	49	2:44	291	8:49	-23	14:56	284	21:09	-17		
16-9	vry	23:52 LK	2:57	273	9:00	48	15:09	282	21:18	67	3:00	267	8:55	42	15:13	275	21:16	61	3:15	289	13:25	-22	15:30	281	21:37	-14		
17-9	zat		3:27	267	9:33	61	15:40	267	21:49	81	3:29	262	9:30	55	15:44	260	21:47	75	3:46	288	9:52	-19	16:02	278	22:07	-10		
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22-9	don				2:31	116	8:45	269	15:12	95	21:34	257	2:32	109	8:51	264	15:13	88	21:40	252	2:46	-10	8:59	278	15:26	-7	21:52	286
23-9	vry				3:34	96	9:45	284	16:06	75	22:25	270	3:32	90	9:50	279	16:05	69	22:30	264	3:51	-13	10:05	281	16:22	-12	22:45	289
24-9	zat	23:54 NM			4:22	80	10:31	295	16:51	62	23:06	278	4:19	74	10:35	289	16:49	55	23:10	272	4:41	-16	10:52	283	17:10	-16	23:26	291
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26-9	maa				5:44	61	11:45	305	18:11	48			5:40	55	11:48	299	18:07	41			6:05	-19	12:07	285	18:31	-19		
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24-10	maa	12:48 NM			4:23	74	10:34	302	16:51	54	23:10	285	4:21	68	10:37	296	16:48	48	23:14	280	4:46	-17	10:57	285	17:13	-17	23:30	293
25-10	din				5:06	164	11:13	306	17:32	49	23:47	288	5:03	157	11:16	300	17:28	43	23:51	283	5:30	-1	11:35	285	17:55	-18	0:06	267
26-10	woe				5:48	57	11:50	307	18:11	48			5:44	51	11:54	301	18:07	41			6:12	-20	12:10	285	18:35	-18		
27-10	don		0:20	289	6:28	52	12:26	305	18:48	49	0:25	284	6:23	46	12:32	299	18:44	43	0:41	270	6:53	-21	12:44	285	19:13	-18		
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3-11	don																											

Referentievlak :LAT		53.4167° N, 6.2000° O								53.4667° N, 6.2000° O								53.43433° N, 6.58195° O													
datum dag maanstand		Lauwersoog LAT= NAP+ 175		53.4167° N, 6.2000° O		Schiermonnikoog LAT=NAP+168		53.4667° N, 6.2000° O		Noordpolderzijl LAT=N 40		53.43433° N, 6.58195° O																			
		HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm						
5-11	zat			1:18	90	7:36	299	14:02	60	20:30	272			1:18	84	7:43	294	14:01	54	20:37	267			1:40	-14	7:57	284	14:25	-16	20:49	290
6-11	zon			2:23	75	8:36	306	15:00	53	21:22	279			2:22	69	8:43	302	14:59	46	21:28	274			2:46	-17	8:57	286	15:24	-18	21:41	292
7-11	maa 12:02 VM			3:19	65	9:25	309	15:51	52	22:02	282			3:18	58	9:32	304	15:49	46	22:08	278			3:43	-19	9:46	286	16:15	-18	22:22	292
8-11	din			4:09	164	10:05	307	16:33	56	22:34	285			4:07	157	10:13	302	16:31	50	22:41	281			4:32	-1	10:26	286	16:57	-17	22:54	293
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15-11	din 14:27 LK	1:46	278	8:04	86	14:11	246	20:06	89			1:54	273	8:04	81	14:16	239	20:07	85			2:09	290	8:24	-15	14:39	273	20:25	-8		
16-11	woe	2:30	272	8:42	95	15:05	238	20:49	98			2:37	266	8:44	91	15:11	231	20:52	95			2:53	289	9:03	-14	15:31	271	21:08	-6		
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20-11	zon			0:26	107	7:05	279	13:20	81	19:54	263			0:31	102	7:09	274	13:21	76	19:59	257			0:46	-11	7:24	280	13:41	-10	20:12	287
21-11	maa			1:39	91	8:04	290	14:16	65	20:46	275			1:40	85	8:06	284	14:15	60	20:51	269			1:59	-14	8:26	282	14:37	-14	21:05	290
22-11	din 23:57 NM			2:36	76	8:54	298	15:05	55	21:32	284			2:35	70	8:56	292	15:03	49	21:36	278			2:57	-16	9:17	284	15:27	-16	21:51	293
23-11	woe			3:26	164	9:40	302	15:52	50	22:13	290			3:24	157	9:42	296	15:49	44	22:17	284			3:48	-6	10:02	285	16:15	-18	22:32	294
24-11	don			4:15	57	10:24	303	16:36	49	22:50	294			4:11	51	10:27	297	16:33	43	22:56	289			4:38	-20	10:44	285	17:00	-18	23:09	295
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6-12	din			2:45	70	9:01	294	15:14	64	21:33	277			2:44	64	9:08	289	15:13	58	21:38	272			3:09	-18	9:21	283	15:38	-15	21:52	291
7-12	woe 05:08 VM			3:38	66	9:44	291	15:59	66	22:05	283			3:37	60	9:51	286	15:58	60	22:11	278			4:02	-19	10:04	283	16:22	-14	22:24	293
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13-12	din	0:52	290	7:16	75	13:14	255	19:13	75			1:00	285	7:16	70	13:23	249	19:14	70			1:15	294	7:34	-17	13:41	275	11:55	-12		
14-12	woe	1:27	285	7:49	80	13:55	249	19:47	79			1:35	280	7:49	75	14:02	242	19:48	74			1:51	292	8:07	-17	10:10	274	16:06	-11		
15-12	don 09:56 LK	2:07	281	8:25	83	14:41	244	20:28	83			2:14	275	8:25	79	14:47	237	20:29	79			2:30	291	8:43	-16	15:06	273	20:46	-10		
16-12	vry	2:53	277	9:10	86	15:31	241	21:19	89			2:59	271	9:11	81	15:39	234	21:20	85			3:15	290	9:28	-15	15:55	272	21:37	-8		
17-12	zat	3:42	275	10:07	87	16:28	241	22:21	93			3:49	268	10:08	82	16:40	235	22:22	89			4:04	290	10:24	-15	16:49	272	22:39	-7		
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19-12	maa	5:45	276	12:21	77	18:56	254					5:59	270	12:20	72	19:02	249					6:00	264	12:40	-15	14:52	276				
20-12	din			0:43	86	7:09	281	13:27	67	19:58	266			0:45	81	7:12	276	13:25	61	20:03	261			0:59	-15	7:24	280	13:45	-13	20:16	288
21-12	woe			1:51	74	8:14	288	14:25	58	20:52	279			1:51	69	8:15	283	14:22	53	20:57	273			2:08	-17	8:33	282	14:43	-16	21:10	292
22-12	don 11:17 NM			2:51	63	9:11	293	15:18	53	21:41	289			2:49	57	9:13	288	15:15	48	21:46	283			3:10	-19	9:30	283	15:38</			

Referentievlak :LAT		<b>Lauwersoog</b> LAT= NAP+ 175 53.4167° N, 6.2000° O				<b>Schiermonnikoog</b> LAT=NAP+168 53°28'012 6°12'0				<b>Noordpolderzijl</b> LAT=N 40 40				<b>53.43433° N, 6.58195° O</b> LAT=N 40 40												
datum	dag	maanstand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm						
28-12	woe		1:34	310	8:09	42	14:18	268	20:13	58	1:38	305	8:06	36	14:25	262	20:11	52	1:56	299	8:30	-23	14:39	278	20:35	-16
29-12	don	02:20 EK	2:26	307	8:57	47	15:11	261	21:03	63	2:29	302	8:54	41	15:18	256	21:01	57	2:48	298	9:17	-22	15:31	277	21:23	-15
30-12	vry		3:20	302	9:47	54	16:06	256	21:55	69	3:23	296	9:45	49	16:12	250	21:53	63	3:42	297	10:07	-21	16:25	275	18:12	-13
31-12	zat		4:18	294	10:40	63	17:03	377			4:21	288	10:39	58	17:09	245	22:52	70	4:38	295	11:00	-19	17:22	300		