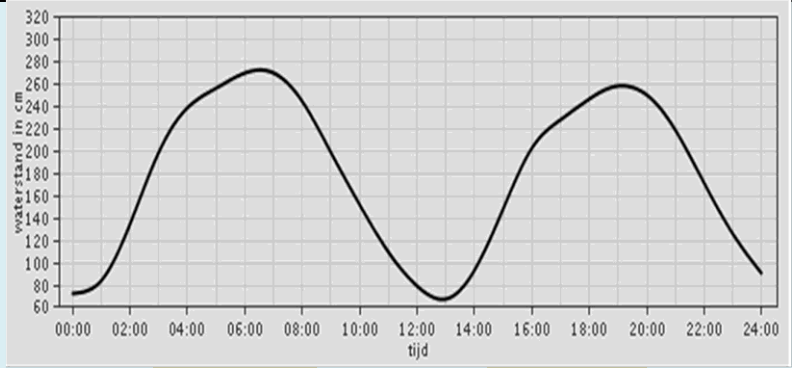


Referentievlak :LAT
datum dag maanstand

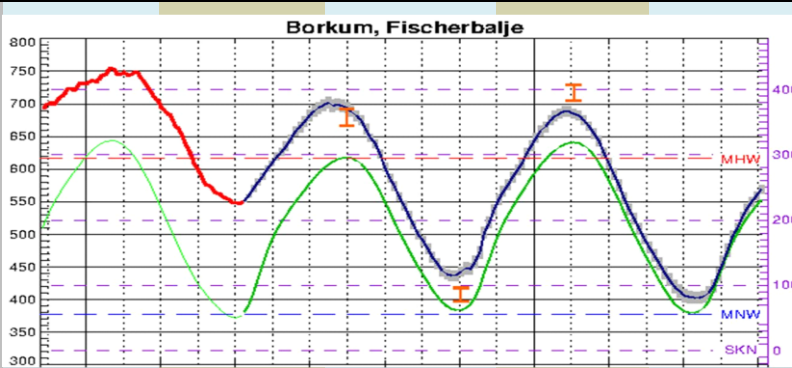
Huibertgat
LAT=NAP+167
HW cm lw cm HW cm lw cm HW cm



2024
1-1 maa
2-1 din
3-1 woe
4-1 don
5-1 vry
6-1 zat
7-1 zon 01:08 VM
8-1 maa
9-1 din
10-1 woe
11-1 don
12-1 vry
13-1 zat
14-1 zon
15-1 maa 03:10 LK
16-1 din
17-1 woe
18-1 don
19-1 vry
20-1 zat
21-1 zon 21:53 NM
22-1 maa
23-1 din
24-1 woe
25-1 don
26-1 vry
27-1 zat
28-1 zon 16:19 EK
29-1 maa
30-1 din
31-1 woe
1-2 don
2-2 vry
3-2 zat
4-2 zon
5-2 maa 19:28 VM
6-2 din
7-2 woe
8-2 don
9-2 vry
10-2 zat

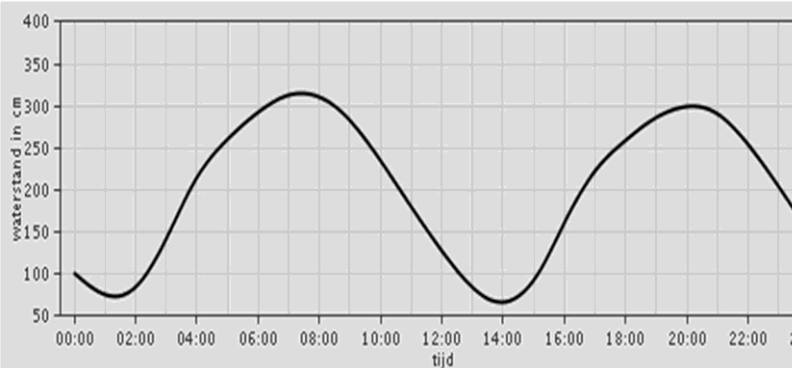
0:58	286	7:26	63	13:30	247	19:23	67		
1:36	282	8:01	67	14:08	244	19:57	70		
2:13	277	8:36	72	14:46	241	20:35	74		
2:49	271	9:14	76	15:25	239	21:20	80		
3:28	266	9:59	80	16:07	238	22:13	85		
4:13	261	10:53	83	17:02	239	23:14	89		
5:09	258	11:58	83	18:31	244				
		0:26	87	6:44	257	13:10	78	19:40	256
		1:40	79	8:04	263	14:12	70	20:36	269
		2:44	67	9:04	270	15:07	63	21:25	281
		3:43	156	9:58	274	15:58	59	22:10	290
		4:43	48	10:48	274	16:50	56	22:54	297
		5:40	41	11:35	273	17:43	53	23:40	302
		6:32	36	12:22	271	18:34	50		
0:28	306	7:19	33	13:08	267	19:21	48		
1:16	306	8:03	35	13:54	263	20:05	48		
2:04	303	8:46	41	14:40	257	20:49	51		
2:52	295	9:28	51	15:28	251	21:33	57		
3:42	284	10:14	62	16:21	246	22:24	65		
4:41	272	11:09	72	17:24	244	23:28	72		
5:53	262	12:15	79	18:32	248				
		0:45	74	7:14	259	13:25	79	19:43	257
		2:02	69	8:33	261	14:32	74	20:51	269
		3:16	60	9:34	263	15:33	69	21:44	278
		4:16	156	10:22	263	16:23	65	22:24	284
		5:01	50	10:59	259	17:01	62	22:57	287
		5:36	50	11:29	257	17:33	58	23:29	289
		6:06	49	11:57	256	18:04	53		
0:02	290	6:36	47	12:29	256	18:36	49		
0:36	288	7:07	47	13:02	255	19:06	48		
1:08	284	7:36	50	13:32	253	19:35	50		
1:36	279	8:02	54	13:58	250	20:05	53		
2:02	274	8:30	58	14:20	248	20:41	58		
2:33	268	9:07	63	14:52	247	21:27	66		
3:19	261	9:57	70	15:44	244	22:26	74		
4:20	252	11:00	79	16:57	243	23:40	80		
5:43	246	12:21	82	18:43	249				
		1:07	75	7:29	250	13:41	75	20:02	264
		2:22	61	8:46	259	14:47	65	21:05	279
		3:32	155	9:47	267	15:50	56	21:58	291
		4:40	35	10:38	271	16:52	47	22:46	300

Borkum Fischerbalje
LAT=NAP+167
HW cm lw cm HW cm lw cm HW cm



01:36	317	08:11	97	14:16	288	20:11	110		
02:11	319	08:44	95	14:52	284	20:45	107		
02:48	316	09:23	91	15:37	278	21:26	104		
03:33	306	10:06	89	16:29	270	22:14	102		
04:27	293	10:54	91	17:27	266	23:09	104		
05:28	280	11:48	95	18:27	267				
		00:12	106	06:36	275	12:51	97	19:26	276
		01:25	103	07:39	278	13:57	93	20:23	289
		02:34	94	08:40	286	14:58	83	21:20	303
		03:35	81	09:40	293	15:54	73	22:13	313
		04:37	66	10:43	297	16:52	64	23:04	318
		05:36	51	11:40	296	17:48	57	23:51	319
		06:29	38	12:32	291	18:39	51		
00:35	320	07:18	28	13:19	286	19:25	45		
01:19	323	08:04	24	14:03	282	20:08	41		
02:05	327	08:48	26	14:48	280	20:51	40		
02:52	328	09:31	33	15:35	277	21:35	43		
03:42	322	10:15	44	16:23	271	22:21	50		
04:35	309	11:03	56	17:15	263	23:15	60		
05:33	290	11:59	67	18:11	255				
		00:23	66	06:39	271	13:06	71	19:19	251
		01:37	64	08:01	261	14:18	69	20:39	257
		02:58	56	09:17	264	15:36	62	21:41	272
		04:14	44	10:17	275	16:34	57	22:32	288
		05:06	41	11:07	285	17:21	60	23:15	300
		05:50	49	11:50	291	18:00	70	23:52	307
		06:27	63	12:25	293	18:33	80		
00:24	311	06:59	74	12:53	293	19:00	85		
00:52	314	07:26	76	13:19	293	19:26	82		
01:20	316	07:52	69	13:49	292	19:54	75		
01:50	315	08:21	62	14:23	287	20:24	69		
02:23	309	08:50	60	14:58	280	20:56	68		
03:00	298	09:22	65	15:34	273	21:33	73		
03:42	287	09:59	76	16:15	269	22:17	83		
04:32	278	10:45	90	17:08	270	23:14	96		
05:33	274	11:47	100	18:16	275				
		00:28	102	06:46	274	13:04	101	19:33	285
		01:52	95	08:03	280	14:23	89	20:50	298
		03:10	76	09:26	287	15:33	71	21:57	308
		04:23	53	10:37	292	16:40	56	22:52	314
		05:26	32	11:34	292	17:38	42	23:40	318

Eemshaven
LAT=NAP+192
HW cm lw cm HW cm lw cm HW cm



2:01	327	8:36	65	14:29	287	20:37	71		
2:38	323	9:10	70	15:06	284	21:11	74		
3:15	318	9:45	74	15:44	282	21:48	77		
3:53	312	10:23	78	16:24	280	22:30	82		
4:35	307	11:07	81	17:11	279	23:20	87		
5:24	302	12:01	84	18:16	280				
		0:20	93	6:31	298	13:07	85	19:33	287
		1:35	92	7:57	299	14:19	80	20:40	298
		2:50	83	9:08	306	15:22	73	21:40	311
		3:56	71	10:09	313	16:21	66	22:34	323
		4:59	179	11:05	317	17:18	62	23:23	332
		5:57	48	11:55	317	18:11	57		
		6:48	38	12:43	315	19:00	52		
0:50	344	7:36	31	13:30	312	19:46	48		
1:35	347	8:21	28	14:15	309	20:30	45		
2:21	348	9:05	29	15:00	304	21:13	45		
3:08	345	9:49	36	15:46	298	21:56	48		
3:56	337	10:33	47	16:33	292	22:41	55		
4:48	326	11:20	60	17:24	287	23:33	65		
5:46	313	12:16	74	18:23	285				
		0:37	75	6:57	302	13:23	82	19:32	288
		1:55	78	8:20	298	14:34	83	20:51	297
		3:14	72	9:36	302	15:45	78	21:59	310
		4:28	60	10:37	305	16:47	71	22:51	321
		5:23	178	11:26	305	17:35	66	23:31	327
		6:07	48	12:05	302	18:14	64		
0:04	329	6:43	49	12:36	298	18:46	60		
0:34	331	7:15	49	13:02	297	19:17	55		
1:05	333	7:44	47	13:31	298	19:48	50		
1:38	332	8:14	47	14:02	298	20:19	48		
2:10	329	8:44	49	14:32	297	20:49	49		
2:40	324	9:13	52	15:00	295	21:19	52		
3:10	319	9:44	55	15:28	293	21:54	55		
3:46	313	10:20	60	16:05	292	22:38	62		
4:31	305	11:08	68	16:56	288	23:33	73		
5:32	294	12:08	80	18:12	284				
		0:44	83	6:58	287	13:27	86	19:49	291
		2:11	80	8:33	291	14:47	80	21:06	306
		3:31	66	9:48	302	15:59	70	22:11	322
		4:45	178	10:50	310	17:06	58	23:05	335
		5:46	32	11:43	315	18:02	46	23:53	344

Referentievlak :LAT			Huibertgat LAT=NAP+167				53.5667° N, 6.4000° O 53°34'012 / 6°24'0								Borkum Fischerbalje LAT=NAP+167				53.5575° N, 6.7478° O								Eemshaven LAT=NAP+192				53.4500° N, 6.8333° 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	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
11-2	zon				5:35	24	11:24	272	17:45	38	23:31	306					06:17	17	12:22	290	18:28	31							6:36	19	12:32	316	18:50	35				
12-2	maa				6:23	18	12:07	272	18:31	30					00:24	322	07:04	8	13:04	288	19:12	22					0:38	350	7:22	10	13:17	315	19:34	25				
13-2	din	17:01 LK	0:16	309	7:06	16	12:49	271	19:14	25					01:06	328	07:47	7	13:44	288	19:54	15					1:22	353	8:05	8	13:59	313	20:16	19				
14-2	woe		1:00	308	7:45	20	13:30	267	19:53	25					01:49	332	08:27	12	14:23	287	20:33	14					2:05	351	8:46	12	14:39	310	20:56	19				
15-2	don		1:43	302	8:23	30	14:11	262	20:30	31					02:33	329	09:06	22	15:04	284	21:12	19					2:48	345	9:25	24	15:18	305	21:34	26				
16-2	vry		2:27	290	8:58	44	14:52	255	21:08	41					03:19	316	09:42	36	15:46	275	21:52	29					3:31	333	10:02	40	15:58	298	22:14	37				
17-2	zat		3:12	274	9:35	59	15:38	247	21:52	54					04:07	293	10:18	51	16:31	262	22:38	43					4:17	316	10:42	58	16:44	291	22:58	54				
18-2	zon		4:06	256	10:22	76	16:40	242	22:53	69					05:01	268	11:04	67	17:25	251	23:44	57					5:13	298	11:30	78	17:43	285	23:59	72				
19-2	maa		5:22	243	11:33	88	17:57	242						06:08	250	12:21	81	18:35	246								6:25	283	12:41	94	18:55	283						
20-2	din	08:06 NM			0:20	76	6:58	239	13:02	88	19:22	251					01:10	64	07:42	246	13:51	82	20:12	257				1:26	81	7:57	278	14:07	95	20:24	291			
21-2	woe				1:49	68	8:25	246	14:18	77	20:38	265					02:41	60	09:06	262	15:18	73	21:25	280				2:56	73	9:22	286	15:26	83	21:39	306			
22-2	don				3:06	54	9:24	254	15:21	64	21:31	276					03:58	50	10:06	282	16:18	64	22:17	301				4:13	55	10:23	296	16:29	68	22:32	319			
23-2	vry				4:02	43	10:09	258	16:10	55	22:10	282					04:49	48	10:55	294	17:03	63	22:59	311				5:05	42	11:10	300	17:16	57	23:12	325			
24-2	zat				4:43	155	10:43	257	16:48	50	22:41	284					05:30	54	11:33	295	17:41	67	23:31	312				5:46	177	11:46	300	17:54	52	23:43	328			
25-2	zon				5:16	38	11:08	257	17:20	45	23:10	286					06:05	61	11:59	292	18:11	69	23:57	310				6:20	38	12:13	300	18:26	46					
26-2	maa				5:45	37	11:34	259	17:49	40	23:40	287					06:34	60	12:21	292	18:37	63				0:11	330	6:49	36	12:37	303	18:56	39					
27-2	din	09:06 EK			6:14	35	12:02	261	18:19	36					00:23	311	07:00	50	12:48	295	19:04	51					0:41	332	7:19	32	13:04	306	19:27	33				
28-2	woe		0:10	285	6:42	35	12:31	261	18:46	35					00:53	312	07:26	39	13:21	297	19:32	42					1:12	332	7:48	31	13:33	307	19:56	32				
29-2	don		0:38	281	7:07	39	12:56	259	19:11	37					01:26	310	07:52	36	13:54	294	20:00	41					1:41	328	8:16	33	13:58	306	20:24	33				
1-3	vry		1:03	276	7:28	43	13:18	257	19:36	40						303	08:17	44	14:23	288	20:28	49					2:08	323	8:41	37	14:21	305	20:51	35				
2-3	zat		1:31	270	7:52	46	13:44	256	20:07	44					02:31	295	08:42	58	14:50	284	20:57	61					2:36	318	9:08	41	14:48	304	21:23	38				
3-3	zon		2:04	264	8:28	52	14:20	254	20:51	52					03:07	287	09:13	74	15:22	284	21:35	75					3:11	311	9:42	46	15:25	302	22:05	46				
4-3	maa		2:51	254	9:16	63	15:14	249	21:50	64					03:53	281	09:57	89	16:15	284	22:32	89					3:57	300	10:28	58	16:18	295	22:59	60				
5-3	din		3:58	242	10:20	77	16:28	244	23:09	74					04:56	275	11:02	101	17:27	283	23:50	96					5:02	286	11:27	76	17:33	288						
6-3	woe		5:25	234	11:46	86	18:04	248							06:12	271	12:26	103	18:50	286								0:11	74	6:29	275	12:49	90	19:09	290			
7-3	don	13:40 VM																																				

Referentievlak :LAT			Huibertgat LAT=NAP+167			53.5667° N, 6.4000° O 53°34'012 / 6°24'0						Borkum Fischerbalje LAT=NAP+167			53.5575° N, 6.7478° O						Eemshaven LAT=NAP+192			53.4500° N, 6.8333° O								
datum	dag	maanstand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
4-4	don		6:23	227	12:26	87	18:47	252					00:37	80	07:03	266	13:07	97	19:30	292			0:56	68	7:22	268	13:28	90	19:51	295		
5-4	vry				1:35	61	7:55	235	14:02	77	20:15	266			02:10	60	08:33	272	14:37	81	21:00	302			2:35	63	8:55	276	15:05	81	21:18	309
6-4	zat	06:34 VM			2:56	42	9:08	248	15:16	59	21:22	281			03:31	40	09:58	283	15:51	62	22:11	313			3:57	42	10:09	290	16:23	61	22:25	325
7-4	zon				4:04	27	10:05	259	16:22	43	22:16	291			04:42	20	11:00	291	16:58	47	23:06	320			5:06	24	11:09	302	17:28	42	23:20	337
8-4	maa				5:03	152	10:52	266	17:19	30	23:03	297			05:43	10	11:50	292	17:56	35	23:52	324			6:03	174	12:00	309	18:22	27		
9-4	din				5:53	13	11:34	270	18:08	19	23:48	299			06:33	10	12:31	292	18:45	23			0:09	343	6:52	5	12:45	314	19:09	15		
10-4	woe				6:36	13	12:14	274	18:52	12			00:35	326	07:17	10	13:09	294	19:28	9			0:54	344	7:36	5	13:27	317	19:53	6		
11-4	don		0:31	297	7:15	16	12:53	276	19:31	9			01:19	325	07:56	0	13:46	298	20:09	0			1:39	341	8:16	9	14:05	319	20:33	3		
12-4	vry		1:15	290	7:50	23	13:33	276	20:08	11			02:05	318	08:32	10	14:24	299	20:47	0			2:22	333	8:53	17	14:42	319	21:11	5		
13-4	zat	11:11 LK	1:58	278	8:21	33	14:12	272	20:42	20			02:50	303	09:03	20	15:03	294	21:22	10			3:04	321	9:27	28	15:19	316	21:47	15		
14-4	zon		2:42	262	8:51	45	14:53	266	21:19	33			03:34	282	09:30	40	15:41	285	21:56	31			3:47	305	9:59	43	15:59	311	22:24	31		
15-4	maa		3:28	245	9:27	60	15:40	257	22:02	50			04:19	262	10:01	60	16:20	276	22:35	57			4:32	287	10:33	60	16:46	302	23:06	50		
16-4	din		4:23	229	10:10	77	16:38	249	22:57	67			05:08	249	10:43	90	17:13	272	23:34	82			5:25	270	11:16	79	17:43	293				
17-4	woe		5:28	219	11:10	91	17:47	245					06:12	246	11:46	110	18:28	275							0:01	70	6:30	258	12:15	97	18:51	287
18-4	don				0:20	76	6:44	218	12:49	95	19:05	248			01:12	90	07:35	254	13:40	119	19:58	287			1:27	80	7:46	256	13:58	102	20:07	289
19-4	vry				1:55	66	8:10	226	14:21	80	20:23	257			02:35	80	09:05	271	15:03	104	21:18	306			2:54	71	9:13	266	15:20	86	21:26	299
20-4	zat	06:14 NM			2:59	51	9:16	240	15:19	64	21:22	267			03:46	70	10:06	287	16:07	84	22:12	315			4:00	55	10:18	281	16:20	68	22:23	310
21-4	zon				3:48	40	10:01	250	16:06	52	22:05	272			04:40	50	10:50	291	16:56	67	22:52	311			4:51	42	11:04	293	17:09	54	23:06	317
22-4	maa				4:30	34	10:35	257	16:47	44	22:42	275			05:21	40	11:22	288	17:35	54	23:24	301			5:33	34	11:40	301	17:50	45	23:43	320
23-4	din				5:07	31	11:07	262	17:24	40	23:16	275			05:56	40	11:48	288	18:09	43	23:56	296			6:10	29	12:12	307	18:28	38		
24-4	woe				5:42	154	11:38	266	17:58	36	23:49	273			06:28	30	12:19	294	18:42	32			0:18	321	6:45	26	12:44	312	19:04	33		
25-4	don				6:13	31	12:08	267	18:30	34			00:31	297	07:00	20	12:56	302	19:16	27			0:53	320	7:20	25	13:17	314	19:38	29		
26-4	vry		0:18	270	6:41	33	12:33	268	18:58	33			01:10	300	07:33	20	13:35	308	19:51	32			1:25	317	7:52	26	13:44	313	20:11	29		
27-4	zat	23:20 EK	0:47	266	7:04	35	13:00	268	19:26	33			01:51	300	08:04	40	14:11	308	20:24	46			1:54	311	8:21	31	14:05	313	20:41	31		
28-4	zon		1:20	261	7:31	38	13:34	269	19:56	34			02:28	294	08:32	60	14:41	304	20:54	60			2:24	305	8:49	36	14:33	313	21:12	33		
29-4	maa		2:01	254	8:04	43	14:15	268	20:33	38			03:04	284	08:59	70	15:10	302	21:26	69			3:01	298	9:19	41	15:11	313	21:47	36		
30-4	din		2:49	245	8:44	51	15:03	264	21:20	45			03:44	275	09:33	80	15:51	303	22:12	70			3:48	288	9:57	49	16:00					

Referentievlak :LAT			Huibertgat				53.5667° N, 6.4000° O								Borkum Fischerbalje				53.5575° N, 6.7478° O								Eemshaven				53.4500° N, 6.8333° O							
			LAT=NAP+167				53°34'012 / 6°24'0								LAT=NAP+167				LAT=NAP+192																			
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	HW	cm	lw	cm				
27-5	maa	17:22 EK	1:12	257	7:14	41	13:21	278	19:50	35					02:15	293	08:17	60	14:24	313	20:49	55					2:23	298	8:36	43	14:29	319	21:09	36				
28-5	din		1:58	251	7:53	45	14:08	278	20:33	37					02:57	282	08:52	60	15:00	312	21:29	55					3:06	292	9:13	48	15:14	320	21:51	38				
29-5	woe		2:52	245	8:37	52	15:02	277	21:25	42					03:42	274	09:34	60	15:47	313	22:18	51					3:57	286	9:56	54	16:07	320	22:41	42				
30-5	don		3:49	239	9:32	60	16:00	275	22:28	47					04:35	270	10:26	60	16:42	314	23:16	45					4:52	280	10:49	61	17:05	318	23:39	46				
31-5	vry		4:50	235	10:38	67	17:02	273	23:39	49					05:36	270	11:27	60	17:45	315							5:53	276	11:51	68	18:07	317						
1-6	zat		5:54	235	11:51	68	18:08	273	19:17	276	19:17	276					00:20	40	06:41	273	12:34	62	18:53	315					0:45	47	6:58	276	12:59	69	19:14	317		
2-6	zon				1:54	40	8:02	247	20:21	279	20:21	279					01:29	30	07:48	276	13:45	61	20:02	314					2:59	37	9:08	288	21:28	323	21:28	323		
3-6	maa				1:54	40	8:02	247	20:21	279	20:21	279					02:36	30	08:57	277	14:53	57	21:08	310					2:59	37	9:08	288	21:28	323	21:28	323		
4-6	din	05:42 VM			2:53	37	8:58	256	15:14	46	21:19	281					03:39	30	09:58	278	15:56	51	22:08	305					4:01	34	10:08	297	16:26	47	22:28	324		
5-6	woe				3:50	37	9:49	265	16:17	39	22:13	280					04:41	30	10:49	280	17:01	40	23:02	299					5:01	34	11:04	306	17:30	39	23:25	323		
6-6	don				4:45	155	10:35	272	17:17	33	23:03	277					05:37	30	11:34	284	18:01	26	23:56	295					5:58	177	11:54	314	18:26	31				
7-6	vry				5:34	41	11:19	279	18:07	29	23:52	271					06:26	20	12:18	291	18:52	16					0:19	319	6:47	38	12:41	320	19:16	27				
8-6	zat				6:15	43	12:03	283	18:50	29					00:48	293	07:10	30	13:03	297	19:37	16					1:10	313	7:30	42	13:24	325	20:00	26				
9-6	zon		0:40	263	6:50	45	12:48	284	19:27	30					01:38	291	07:50	40	13:46	302	20:18	29					1:57	305	8:09	45	14:04	327	20:39	29				
10-6	maa	21:31 LK	1:27	254	7:25	46	13:32	283	20:03	34					02:23	287	08:24	50	14:26	304	20:55	51					2:40	296	8:44	49	14:44	326	21:17	35				
11-6	din		2:11	246	8:02	49	14:17	280	20:41	40					03:04	282	08:53	70	15:03	306	21:28	72					3:21	287	9:18	53	15:25	323	21:53	43				
12-6	woe		2:54	239	8:41	54	15:01	275	21:21	48					03:41	279	09:24	90	15:39	309	22:03	85					4:01	279	9:54	58	16:08	318	22:32	51				
13-6	don		3:38	234	9:22	60	15:47	270	22:04	56					04:19	278	10:01	90	16:19	313	22:48	88					4:43	273	10:33	65	16:52	311	23:13	60				
14-6	vry		4:24	230	10:06	68	16:33	264	22:51	63					05:07	277	10:49	100	17:13	311	23:42	86					5:28	269	11:16	73	17:40	305	23:59	67				
15-6	zat		5:13	229	10:55	74	17:23	258	23:43	67					06:04	275	11:47	100	18:17	304							6:19	268	12:03	81	18:32	299						
16-6	zon		6:08	231	11:50	79	18:19	254									00:44	80	07:04	273	12:54	97	19:22	294					0:52	72	7:14	270	13:00	86	19:31	296		
17-6	maa				0:43	68	7:09	235	12:54	80	19:25	253					01:49	70	08:02	272	14:07	89	20:22	285					1:54	71	8:13	276	14:10	87	20:33	296		
18-6	din	06:37 NM			1:46	64	8:09	243	14:04	75	20:28	256					02:49	70	08:55	274	15:11	80	21:14	280					2:56	66	9:12	285	15:21	80	21:33	300		
19-6	woe				2:43	58	9:05	253	15:06	67	21:24	260					03:39	60	09:45	282	16:03	72	22:02	281					3:53	58	10:08	296	16:20	71	22:29	305		
20-6	don				3:34	52	9:54	263	16:00	58	22:15	263					04:25	60	10:32	294	16:51	65	22:48	288					4:45	52	11:01	307	17:15	61	23:21	308		
21-6	vry				4:20	48	10:39	270	16:50	50	23:00	264					05:09	60	11:19	306	17:40	59	23:38	295					5:35	48	11:49	315	18:06	52				
22-6	zat				5:03	155	11:18	276	17:38	43	23:44	264					05:56	50	12:06	316	18:30	55					0:10	309	6:22	46	12:34	320	18:54	45				
23-6	zon				5:44	44	11:53	281	18:24	38					00:31	298	06:43	50	12:52	319	19:19	51					0:56	308	7:07	46	13:14	324	19:41	39				
24-6	maa		0:26	262	6:25	44	12:31	286	19:11	34					01:22	295	07:29	50	13:35	318	20:06	47					1:40	305	7:51	46	13:52	328	20:26	34				
25-6	din		1:10	260	7:08	44	13:16	290	19:58	32					02:10	287	08:12	50	14:15	316	20:50	43					2:24	301	8:34	46	14:31	331	21:11	31				
26-6	woe	09:50 EK	1:58	257	7:54	45	14:05	293	20:46	32					02:55	279	08:54	50	14:56	317	21:35	39					3:09	297	9:17	47	15:16	334	21:56	31				
27-6	don		2:47	253	8:43	48	14:56	293	21:34	35					03:40	275	09:37	50	15:42	321	22:20	36					3:56	294	10:02	48	16:04	335	22:42	32				
28-6	vry		3:37	249	9:35	51	15:47	290	22:24	39					04:29	274	10:23	40	16:33	323	23:08	36					4:45	290	10:49	51	16:54	333	23:31	37				
29-6	zat		4:29	245	10:29	54	16:41	285	23:17	45					05:22	274	11:14	50	17:29	321							5:37	286	11:39	54	17:48	328						
30-6	zon		5:25	243	11:25	57	17:38	279									00:01	40	06:18	273	12:10	56	18:28	313					0:24	42	6:32	283	12:34	58	18:47	322		
1-7	maa				0:14	50	6:25	243	12:28	59	18:44	274					01:01	40	07:17	269	13:14	62	19:32	301					1:22	48	7:31	284	13:38	62	19:53	316		
2-7	din				1:16	53	7:28	248	13:37	58	19:54	271					02:05	50	08:20	264	14:25	64	20:41	289					2:25	53	8:34	288	14:47	62	21:03	313		
3-7	woe	13:39 VM			2:18	54	8:29	256	14:45	54	21:01	270					03:10	50	09:28	265	15:34	57	21:52	282					3:29	55	9:41	296	15:59	58	22:14	313		
4-7	don				3:19	54	9:28	266	15:55	48	22:06	269					04:16	50	10:28	271	16:50	45	22:55	281					4:35	55	10:47	307	17:12	50	23:20	313		
5-7	vry				4:19	54	10:23	275	17:03	43	23:03	267					05:21	40	11:20	282	17:54	32	23:51	285					5:38	54	11:44	318	18:15	41				
6-7	zat				5:15	156	11:12	282	17:58	39	23:53	263					06:15	40	12:08	294	18:45	29					0:17	311	6:32	53	12:33	325	19:06	36				
7-7	zon				6:01	54	11:56	286	18:41	38					00:43	290	07:01	40	12:53	304	19:30	38					1:07	307	7:17	54	13:15	330	19:50	36				
8-7	maa		0:35	258	6:37	53	12:37	289	19:17	39					01:29	292	07:41	60	13:35	309	20:10	56					1:50	301	7:56	54	13:52	331	20:28	38				
9-7	din		1:14	253	7:11	50	13:17	289	19:50	40					02:10	291	08:15	70	14:11	312	20:44	74					2:27	295	8:31	53	14:28	332	21:03	40				
10-7	woe	03:48 LK	1:51	250	7:47	48	13:57	288	20:23	41					02:44	289	08:42	90	14:43																			

Referentievlak :LAT			Huibertgat LAT=NAP+167				53.5667° N, 6.4000° O 53°34'012 / 6°24'0								Borkum Fischerbalje LAT=NAP+167				53.5575° N, 6.7478° O								Eemshaven LAT=NAP+192				53.4500° N, 6.8333° 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	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
19-7	vry				2:49	68	9:17	262	15:24	66	21:45	259					03:40	90	10:01	302	16:18	89	22:22	292					4:02	73	10:25	304	16:38	74	22:53	302		
20-7	zat				3:47	61	10:10	274	16:24	55	22:42	265					04:38	80	11:00	316	17:20	75	23:27	298					5:03	66	11:21	316	17:41	61	23:50	308		
21-7	zon				4:39	156	10:57	284	17:23	46	23:33	267					05:36	70	11:55	324	18:19	60							6:01	179	12:11	327	18:39	48				
22-7	maa				5:31	52	11:41	292	18:21	37					00:27	299	06:32	60	12:44	326	19:12	46			0:42	310		6:54	54	12:57	334	19:31	37					
23-7	din		0:19	268	6:25	48	12:24	298	19:12	30					01:19	296	07:22	50	13:27	325	19:59	35			1:30	310		7:43	48	13:40	340	20:18	28					
24-7	woe		1:04	268	7:16	44	13:09	303	19:59	26					02:06	290	08:07	40	14:08	326	20:44	28			2:16	309		8:29	42	14:23	345	21:03	22					
25-7	don		1:48	266	8:03	40	13:55	306	20:43	26					02:48	286	08:49	40	14:49	330	21:26	25			3:00	307		9:12	38	15:06	347	21:46	22					
26-7	vry	00:07 EK	2:31	264	8:47	39	14:41	304	21:25	30					03:30	286	09:30	30	15:32	335	22:08	28			3:44	304		9:55	37	15:50	346	22:28	27					
27-7	zat		3:16	260	9:29	41	15:27	299	22:06	39					04:14	286	10:12	30	16:20	334	22:51	36			4:27	300		10:36	39	16:36	340	23:11	36					
28-7	zon		4:01	255	10:12	47	16:15	289	22:48	51					05:00	283	10:55	40	17:10	323	23:35	48			5:12	295		11:19	45	17:24	330	23:55	50					
29-7	maa		4:50	250	10:58	54	17:08	277	23:37	63					05:50	277	11:44	50	18:06	306					6:00	290		12:07	55	18:19	318							
30-7	din		5:49	247	11:56	63	18:16	265									00:27	60	06:43	268	12:46	65	19:09	286				0:46	64	6:57	287	13:05	67	19:27	306			
31-7	woe				0:39	72	6:57	250	13:09	68	19:36	259					01:33	70	07:47	262	14:03	68	20:25	273				1:49	76	8:03	289	14:20	74	20:47	300			
1-8	don	20:32 VM			1:51	76	8:09	258	14:28	65	20:59	260					02:46	70	09:05	266	15:21	62	21:45	274				3:02	80	9:21	297	15:41	70	22:08	302			
2-8	vry				3:01	72	9:21	270	15:47	57	22:10	264					04:02	60	10:14	282	16:45	49	22:50	285				4:17	76	10:35	312	17:02	58	23:16	308			
3-8	zat				4:10	67	10:23	281	16:57	47	23:04	266					05:10	50	11:10	301	17:46	40	23:45	297				5:26	67	11:34	325	18:05	45					
4-8	zon				5:09	157	11:11	289	17:49	42	23:48	264					06:03	50	11:58	316	18:34	44			0:11	310		6:20	60	12:21	333	18:54	39					
5-8	maa				5:54	58	11:49	292	18:29	42					00:33	304	06:48	60	12:41	323	19:16	58			0:57	308		7:04	57	13:00	335	19:34	40					
6-8	din		0:23	260	6:29	55	12:22	294	19:02	43					01:14	303	07:26	70	13:16	324	19:51	73			1:34	303		7:40	55	13:33	336	20:09	43					
7-8	woe		0:53	259	7:00	51	12:56	294	19:31	43					01:46	299	07:56	80	13:45	324	20:21	81			2:05	300		8:12	52	14:04	336	20:40	44					
8-8	don	12:28 LK	1:24	259	7:31	46	13:31	293	20:00	43					02:12	297	08:20	80	14:12	324	20:47	77			2:33	299		8:43	48	14:37	335	21:09	45					
9-8	vry		1:56	259	8:04	46	14:05	289	20:31	47					02:40	297	08:46	80	14:42	325	21:14	69			3:03	299		9:14	48	15:10	331	21:39	49					
10-8	zat		2:29	257	8:34	49	14:36	281	20:59	54					03:13	297	09:15	70	15:15	320	21:44	66			3:33	297		9:44	51	15:41	323	22:07	56					
11-8	zon		2:58	253	9:02	55	15:03	273	21:25	61					03:51	292	09:48	70	15:52	310	22:15	73			4:03	293		10:14	57	16:10	315	22:36	62					
12-8	maa		3:23	250	9:33	62	15:31	266	21:55	67					04:30	285	10:23	80	16:33	297	22:48	88			4:30	290		10:45	63	16:41	308	23:08	68					
13-8	din		3:50	248	10:12	70	16:09	259	22:37	74					05:																							

Referentievlak :LAT			Huibertgat LAT=NAP+167				53.5667° N, 6.4000° O 53°34'012 / 6°24'0				Borkum Fischerbalje LAT=NAP+167				53.5575° N, 6.7478° O				Eemshaven LAT=NAP+192				53.4500° N, 6.8333° 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											
10-9	din		2:32	262	8:54	65	14:48	266	21:10	70					03:43	298	09:44	90	15:52	300	21:56	106					3:36	303	10:09	64	15:56	309	22:25	70			
11-9	woe		3:03	260	9:31	71	15:31	257	21:53	79					04:12	295	10:16	110	16:33	292	22:33	123					4:06	302	10:45	70	16:37	300	23:05	79			
12-9	don		3:54	257	10:24	82	16:36	247	22:51	92					04:58	297	11:07	120	17:33	287	23:32	135					4:56	297	11:34	82	17:38	288	23:59	94			
13-9	vry		5:04	253	11:36	93	17:57	241							06:05	301	12:23	130	18:46	287						6:08	291	12:40	96	19:00	279						
14-9	zat				0:07	103	6:31	256	13:11	92	19:37	245					00:53	130	07:25	308	13:54	127	20:10	292					1:12	109	7:42	293	14:13	100	20:43	283	
15-9	zon	03:40 NM			1:44	100	8:07	270	14:43	75	21:03	258					02:21	120	08:55	320	15:22	101	21:43	301					2:50	108	9:17	308	15:47	82	22:05	298	
16-9	maa				3:05	85	9:21	287	15:55	56	22:06	270					03:41	100	10:13	334	16:37	74	22:56	310					4:16	90	10:28	328	17:01	59	23:09	312	
17-9	din				4:13	70	10:17	301	16:59	43	22:56	278					04:51	80	11:10	341	17:40	54	23:51	310					5:24	71	11:24	343	18:02	42			
18-9	woe				5:14	156	11:05	309	17:52	34	23:40	281					05:52	60	11:57	343	18:31	43				0:03	319	6:20	56	12:13	352	18:53	30				
19-9	don				6:06	47	11:49	314	18:39	30					00:37	307	06:42	50	12:38	345	19:17	37				0:50	322	7:09	43	12:58	356	19:38	25				
20-9	vry		0:20	282	6:52	39	12:32	315	19:21	31					01:15	305	07:26	40	13:19	349	19:59	35				1:34	323	7:53	34	13:42	356	20:21	26				
21-9	zat		1:00	283	7:34	34	13:15	312	20:00	37					01:52	308	08:08	30	14:01	350	20:39	36				2:15	322	8:35	29	14:25	352	21:01	33				
22-9	zon	21:32 EK	1:39	282	8:13	34	13:58	304	20:35	47					02:30	311	08:47	30	14:47	343	21:16	44				2:53	320	9:15	30	15:07	343	21:38	45				
23-9	maa		2:18	279	8:51	41	14:41	290	21:08	62					03:11	309	09:26	30	15:33	324	21:49	59				3:30	316	9:53	37	15:51	329	22:14	61				
24-9	din		2:59	273	9:27	52	15:28	273	21:42	77					03:53	301	10:05	50	16:22	298	22:20	80				4:09	311	10:32	50	16:37	312	22:50	79				
25-9	woe		3:45	266	10:09	67	16:25	255	22:24	94					04:38	288	10:47	70	17:16	273	22:57	102				4:55	305	11:14	68	17:34	294	23:32	99				
26-9	don		4:46	260	11:05	84	17:40	242	23:26	109					05:31	278	11:46	90	18:24	259						5:55	299	12:10	87	18:44	281						
27-9	vry		6:05	258	12:31	93	19:08	240									00:01	120	06:43	277	13:26	107	19:54	263					0:35	116	7:07	296	13:37	98	20:10	278	
28-9	zat				1:09	112	7:29	265	14:10	82	20:36	250					02:02	120	08:20	291	14:53	102	21:22	286					2:16	119	8:33	303	15:11	88	21:37	289	
29-9	zon	11:57 VM			2:36	96	8:49	279	15:23	65	21:41	263					03:23	110	09:39	320	16:10	87	22:24	310					3:40	101	9:53	319	16:26	68	22:42	304	
30-9	maa				3:39	78	9:47	292	16:18	52	22:28	271					04:28	90	10:34	343	17:04	76	23:14	322					4:44	81	10:51	333	17:20	53	23:32	313	
1-10	din				4:29	66	10:30	297	17:00	49	23:04	273					05:18	80	11:19	348	17:47	73	23:54	318					5:33	67	11:34	339	18:02	49			
2-10	woe				5:09	157	11:03	297	17:34	50	23:29	274					05:59	80	11:51	338	18:22	76				0:10	315	6:13	62	12:07	339	18:37	51				
3-10	don				5:43	59	11:31	296	18:04	53	23:52	275			00:18	308	06:31	80	12:14	326	18:50	74				0:38	315	6:48	59	12:35	337	19:07	54				
4-10	vry				6:14	57	12:00	293	18:32	55					00:34	304	06:58	70	12:39	321	19:16	67				1:00	316	7:19	57	13:04	336	19:36	54				
5-10	zat		0:19	277	6:43	57	12:29	289	18:59	57					01:00	310	07:24	60	13:10	321	19:44	61				1:25	318	7:50	55	13:33	332	20:05	56				
6-10	zon	15:48 LK	0:46	277	7:10	58	12:57	283	19:21	62					01:35	316	07:54	60	13:46	321	20:12	66				1:52	318	8:19	56	14:01	325	20:33	61				
7-10	maa		1:11	275	7:33	62	13:22	276	19:40	66					02:12	318	08:25	70	14:23	316	20:38	85				2:15	316	8:47	61	14:26	318	20:57	66				
8-10	din		1:34	273	7:55	65	13:51	269	20:04	69					02:45	314	08:53	90	14:55	306	20:58	108				2:33	314	9:12	65	14:51	312	21:20	70				
9-10	woe		2:03	272	8:23	68	14:27	262	20:37	74					03:09	309	09:17	110	15:25	296	21:21	124				2:59	314	9:40	68	15:24	305	21:51	75				
10-10	don		2:42	270	9:03	74	15:16	252	21:21	84					03:34	309	09:48	120	16:07	289	21:59	133				3:36	313	10:17	73	16:12	294	22:33	84				
11-10	vry		3:36	266	9:58	84	16:25	242	22:21	99					04:25	311	10:44	130	17:14	285	23:06	138				4:30	307	11:09	84	17:20	282	23:30	100				
12-10	zat		4:47	262	11:14	94	17:47	238	23:42	110					05:38	313	12:07	120	18:32	285						5:46	301	12:19	97	18:45	276						
13-10	zon		6:09	265	12:55	92	19:19	245									00:32	130	06:58	318	13:35	110	20:00	293					0:47	114	7:14	302	13:56	96	20:20	282	
14-10	maa	19:55 NM			1:21	106	7:39	277	14:23	73	20:37	258					01:58	110	08:28	327	14:58	84	21:26	306					2:25	111	8:46	315	15:24	76	21:39	298	
15-10	din				2:41	88	8:52	292	15:30	56	21:37	271					03:16	90	09:44	339	16:09	63	22:33	315					3:48	92	9:58	333	16:33	56	22:41	311	
16-10	woe				3:47	72	9:49	304	16:30	46	22:26	279					04:24	80	10:41	346	17:11	51	23:24	316					4:55	72	10:54	346	17:33	43	23:33	320	
17-10	don				4:47	157	10:37	311	17:23	41	23:08	284					05:24	70	11:28	347	18:04	45								5:53	179	11:44	353	18:25	37		
18-10	vry				5:40	50	11:22	313	18:10	41	23:49	287			00:07	314	06:15	50	12:10	347	18:50	42				0:19	324	6:43	46	12:30	354	19:11	36				
19-10	zat				6:27	42	12:06	311	18:52	44					00:44	314	07:02	40	12:53	347	19:32	40				1:02	326	7:29	38	13:16	351	19:54	40				
20-10	zon		0:29	290	7:10	39	12:51	304	19:30	51					01:21	318	07:45	30	13:40	342	20:11	42				1:42	327	8:12	35	14:00	343	20:33	48				
21-10	maa		1:09	290	7:50	40	13:36	293	20:04	60					02:01	321	08:26	30	14:28	328	20:47	52				2:20	327	8:53	37	14:45	332	21:10	59				
22-10	din	05:29 EK	1:50	287	8:27	47	14:22	278	20:35	71					02:43	317	09:06	30	15:16	307	21:17	71				2:59	325	9:31	45	15:30	317	21:45	73				
23-10	woe		2:33	282	9:04	59	15:12	261	21:10	84					03:25	308	09:44	50	16:04	285	21:46	94				3:41	320	10:10	58	16:19	300	22:20	88				
24-10	don		3:22	275	9:47	73	16:09	246	21:54	99					04:09	298	10:25	80	16:56	268	22:24	118				4:29	313	10:53	75	17:14	285	23:02	104				
25-10	vry		4:22	268	10:42	88																															

Referentievlak :LAT			Huibertgat LAT=NAP+167		53.5667° N, 6.4000° O 53°34'012 / 6°24'0						Borkum Fischerbalje LAT=NAP+167		53.5575° N, 6.7478° O						Eemshaven LAT=NAP+192		53.4500° N, 6.8333° 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	HW	cm				
2-11	zat				4:42	65	10:32	287	16:56	61	22:50	281			05:25	68	11:09	311	17:41	62	23:31	317			5:48	64	11:36	330	18:03	60	23:57	323
3-11	zon				5:13	65	11:02	282	17:23	64	23:16	281			05:57	62	11:46	315	18:13	64					6:22	63	12:08	325	18:34	62		
4-11	maa				5:41	65	11:28	277	17:44	66	23:39	281	00:09	326	06:32	66	12:27	317	18:45	76			0:25	323	6:54	64	12:35	319	19:03	66		
5-11	din	09:17 LK			6:06	66	11:57	271	18:08	68			00:48	328	07:06	79	13:07	312	19:12	95			0:44	322	7:23	66	13:00	312	19:28	70		
6-11	woe		0:08	282	6:32	66	12:33	265	18:39	70			01:21	324	07:37	97	13:41	302	19:36	113			1:05	322	7:51	68	13:31	306	19:54	73		
7-11	don		0:46	281	7:06	68	13:18	257	19:16	76			01:46	321	08:06	109	14:16	291	20:04	121			1:39	323	8:22	70	14:14	298	20:29	78		
8-11	vry		1:32	279	7:49	73	14:15	248	20:03	85			02:19	320	08:44	112	15:04	284	20:50	122			2:24	320	9:03	75	15:10	289	21:15	87		
9-11	zat		2:28	275	8:46	81	15:22	241	21:03	97			03:14	321	09:45	107	16:08	282	22:00	120			3:25	316	9:59	83	16:18	280	22:15	99		
10-11	zon		3:36	273	10:04	88	16:35	240	22:24	105			04:22	322	10:57	96	17:22	285	23:15	112			4:36	312	11:12	90	17:33	278	23:32	108		
11-11	maa		4:49	275	11:35	84	17:52	245	23:52	100			05:35	325	12:13	82	18:40	293					5:52	313	12:37	86	18:53	283				
12-11	din		6:08	282	12:52	71	19:02	255							00:31	101	06:54	330	13:28	67	19:57	303			0:57	104	7:13	321	13:53	71	20:04	295
13-11	woe	10:27 NM			1:07	86	7:19	292	13:54	59	20:01	267			01:46	89	08:08	335	14:36	57	21:01	309			2:14	88	8:23	333	14:58	58	21:05	307
14-11	don				2:11	73	8:17	300	14:52	53	20:51	276			02:51	79	09:08	337	15:37	52	21:52	310			3:20	73	9:22	342	15:58	51	21:58	316
15-11	vry				3:12	157	9:08	304	15:47	52	21:36	284			03:51	69	09:57	336	16:32	49	22:33	310			4:21	179	10:15	346	16:54	49	22:46	323
16-11	zat				4:10	54	9:56	304	16:37	54	22:18	290			04:48	56	10:43	333	17:20	46	23:12	313			5:17	52	11:05	344	17:43	51	23:30	328
17-11	zon				5:02	48	10:43	300	17:21	57	23:00	294			05:38	40	11:32	328	18:04	43	23:52	319			6:07	45	11:54	339	18:28	55		
18-11	maa				5:47	45	11:30	291	17:58	61	23:43	295			06:26	29	12:23	321	18:46	46			0:12	331	6:52	42	12:42	330	19:09	61		
19-11	din	11:50 EK			6:28	47	12:18	280	18:32	66			00:36	321	07:10	29	13:13	310	19:23	59			0:54	333	7:35	45	13:29	319	19:46	68		
20-11	woe		0:27	293	7:06	52	13:07	267	19:06	73			01:21	319	07:52	44	14:01	295	19:54	81			1:36	332	8:15	51	14:15	306	20:21	76		
21-11	don		1:14	289	7:44	61	13:57	254	19:45	81			02:03	313	08:30	70	14:45	282	20:22	103			2:20	328	8:54	62	15:02	292	20:58	86		
22-11	vry		2:03	283	8:27	72	14:49	244	20:28	91			02:44	310	09:09	94	15:30	275	21:00	120			3:08	322	9:36	75	15:52	281	21:39	97		
23-11	zat		2:57	276	9:17	83	15:44	237	21:20	100			03:29	310	10:00	111	16:23	275	21:52	132			4:01	315	10:25	88	16:46	274	22:29	107		
24-11	zon		3:55	271	10:16	91	16:42	235	22:21	107			04:30	314	11:09	116	17:27	280	23:11	135			4:59	309	11:25	97	17:45	272	23:33	115		
25-11	maa		4:58	269	11:27	93	17:44	239	23:38	107			05:42	318	12:19	108	18:34	288					6:02	306	12:36	98	18:48	275				
26-11	din		6:04	269	12:37	87	18:48	246							00:39	125	06:53	320	13:23	93	19:39	293			0:55	113	7:09	307	13:41	91	19:53	284
27-11	woe	10:16 VM			0:55	100	7:08	273	13:33	79	19:45	257			01:47	107	07:56	316	14:21	80	20:33	295			2:04	104	8:12	312	14:36	82	20:50	296
28-11	don				1:54	90	8:02	276	14:21	72	20:32	266			02:45	91	08:47	306	15:11	73	21:14	295										

Referentievlak :LAT			Huibertgat LAT=NAP+167				53.5667° N, 6.4000° O 53°34'012 / 6°24'0				Borkum Fischerbalje LAT=NAP+167				53.5575° N, 6.7478° O				Eemshaven LAT=NAP+192				53.4500° N, 6.8333° 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	HW	cm						
25-12	woe		4:53	261	11:15	90	17:42	239	23:25	99					05:55	294	12:22	91	18:37	271					6:00	299	12:22	95	18:42	278				
26-12	don		5:58	257	12:19	90	18:44	245									00:42	105	06:58	281	13:25	90	19:32	271			0:36	106	7:03	296	13:28	94	19:42	285
27-12	vry				0:36	98	7:05	257	13:22	85	19:42	255					01:50	98	07:54	273	14:21	89	20:23	277			1:53	103	8:06	298	14:29	88	20:41	295
28-12	zat	01:33 VM			1:47	91	8:05	261	14:17	78	20:35	265					02:46	91	08:44	273	15:09	87	21:10	289			2:58	95	9:06	302	15:24	80	21:37	307
29-12	zon				2:43	81	8:57	265	15:04	72	21:21	274					03:35	85	09:30	280	15:53	83	21:57	305			3:54	84	10:00	308	16:14	74	22:26	317
30-12	maa				3:33	72	9:44	268	15:46	167	22:01	187					04:23	79	10:19	290	16:38	79	22:45	318			4:45	181	10:48	311	17:01	215	23:10	212
31-12	din				4:18	170	10:26	187	16:24	171							05:12	73	11:12	298	17:24	76	23:32	324			5:33	218	11:33	212	17:45	218		