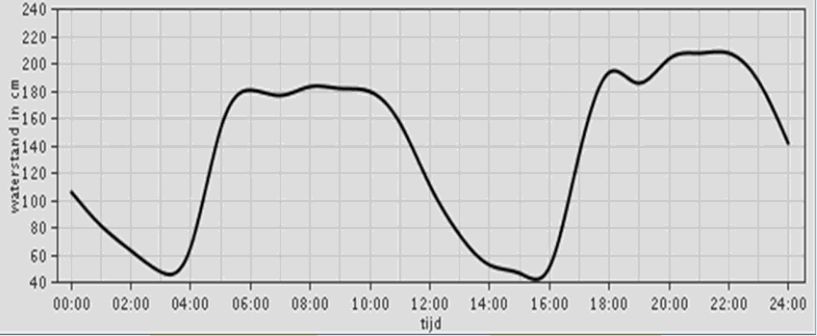


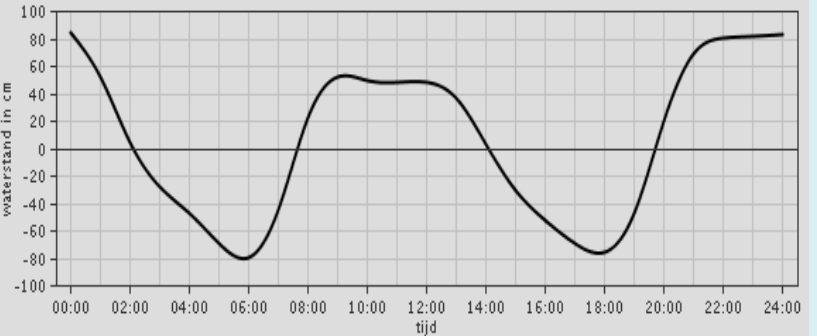
Referentievlak :LAT
datum dag maanstand

Getijdengegevens 2023 - LAT

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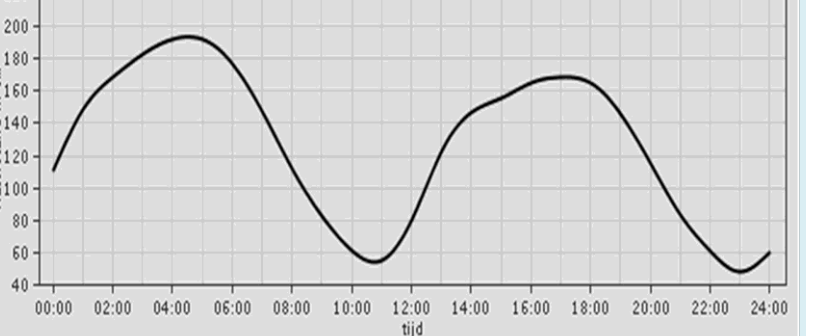
Den Helder		52.9667° N, 4.7500° O							
Lat=		NAP+		125					
HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
									
2021									
1-1 zon	2:18	202	8:40	68	12:27	159	20:27	56	
2-1 maa	3:18	196	9:39	69	15:21	162	21:45	60	
3-1 din	4:24	191	10:39	67	16:11	170	23:01	60	
4-1 woe	5:43	187	11:36	64	16:59	178			
5-1 don			0:10	58	6:47	183	12:27	60	19:11 187
6-1 vry			1:10	57	5:46	179	13:10	57	19:45 193
7-1 zat 01:08 VM			1:56	58	6:18	177	13:45	54	20:14 198
8-1 zon			2:33	60	6:45	175	14:19	52	20:47 201
9-1 maa			3:08	61	7:03	174	14:51	49	21:23 203
10-1 din			3:42	61	7:26	174	15:20	47	21:57 204
11-1 woe			4:16	62	7:58	173	15:43	45	22:29 204
12-1 don			4:48	62	8:30	171	16:12	44	23:00 202
13-1 vry			5:18	63	9:02	169	16:51	45	23:32 200
14-1 zat			5:50	64	9:45	169	17:37	47	
15-1 zon 03:10 LK	0:05	196	6:30	65	10:39	169	18:31	51	
16-1 maa	0:34	192	7:20	67	11:39	171	19:30	55	
17-1 din	0:37	189	8:18	69	12:41	172	20:35	60	
18-1 woe	1:31	185	9:33	69	13:41	174	21:58	61	
19-1 don	4:47	182	10:49	64	14:36	176	23:21	57	
20-1 vry	5:59	184	11:54	57	18:33	187			
21-1 zat 21:53 NM			0:45	51	7:09	183	13:06	52	19:38 199
22-1 zon			2:00	41	8:15	180	14:14	45	20:33 208
23-1 maa			2:56	32	9:16	176	15:06	38	21:21 215
24-1 din			3:45	26	10:08	171	15:52	31	22:05 219
25-1 woe			4:29	26	10:49	167	16:35	27	22:46 220
26-1 don			5:12	30	11:18	163	17:14	26	23:26 217
27-1 vry			5:52	39	8:40	164	17:49	28	
28-1 zat 16:19 EK	0:06	209	6:29	50	9:38	166	18:20	33	
29-1 zon	0:45	198	7:01	60	10:40	168	18:55	41	
30-1 maa	1:21	186	7:33	68	11:49	166	19:40	51	
31-1 din	1:40	177	8:21	73	13:07	165	20:44	61	
1-2 woe	2:28	171	9:42	73	15:18	168	22:22	64	
2-2 don	3:29	169	10:53	66	16:24	176	23:36	61	
3-2 vry	4:18	168	11:52	58	18:46	186			
4-2 zat			0:48	56	7:21	169	12:47	52	19:30 193
5-2 zon 19:28 VM			1:40	53	5:29	168	13:35	47	20:05 197
6-2 maa			2:20	51	5:54	169	14:16	44	20:37 199
7-2 din			2:56	49	6:23	171	14:52	40	21:08 201
8-2 woe			3:31	47	6:57	172	15:26	36	21:38 203
9-2 don			4:05	45	7:52	171	15:56	34	22:04 203
10-2 vry			4:37	46	9:20	170	16:23	33	22:31 201

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Texel Noordzee		53.1167° N, 4.7333° O							
LAT=NAP+		143							
HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
									
2:17	229	8:48	72	14:59	185	20:45	68		
3:14	223	9:48	75	15:50	190	21:59	71		
4:15	218	10:51	74	16:41	198	23:16	69		
5:20	214	11:50	70	17:27	208				
		0:22	65	6:33	211	12:42	67	18:13	217
		1:16	63	6:16	208	13:24	65	19:01	224
		1:59	62	6:51	205	13:59	63	19:48	229
		2:36	63	7:27	202	14:33	60	20:30	232
		3:12	63	7:28	200	15:07	58	21:07	234
		3:47	63	7:31	200	15:40	56	21:40	235
		4:22	64	8:02	199	16:10	55	22:11	234
		4:55	65	8:34	197	16:39	55	22:45	233
		5:27	67	9:07	195	17:14	57	23:20	229
		6:02	69	9:50	194	17:57	60	23:51	225
		6:42	71	10:50	194	18:45	63		
0:10	221	7:28	74	11:53	195	19:38	68		
0:44	218	8:25	77	12:52	198	20:42	72		
1:37	214	9:42	77	13:50	200	22:11	72		
4:42	210	11:01	71	17:21	204	23:36	64		
5:54	213	12:08	63	18:22	219				
		0:52	53	7:02	215	13:14	55	19:21	231
		1:59	41	8:10	214	14:14	47	20:19	241
		2:55	31	9:11	212	15:07	39	21:11	248
		3:44	24	10:02	209	15:54	33	21:56	252
		4:29	22	10:46	204	16:37	29	22:39	253
		5:12	26	11:25	199	17:18	29	23:21	249
		5:53	36	12:01	193	17:57	34		
0:02	239	6:32	50	9:47	191	18:33	42		
0:41	226	7:09	63	10:51	192	19:10	53		
1:01	213	7:46	74	12:00	190	19:54	64		
1:24	204	8:33	82	13:20	188	20:56	73		
2:27	197	9:47	84	15:28	193	22:29	76		
3:28	194	11:04	78	16:46	202	23:52	70		
6:29	195	12:11	69	18:31	213				
		0:58	62	7:20	198	13:05	62	19:18	222
		1:45	57	7:58	197	13:48	56	19:55	227
		2:24	54	8:26	197	14:26	52	20:28	230
		3:00	51	6:32	197	15:02	47	20:57	233
		3:34	47	7:06	199	15:36	43	21:21	235
		4:08	45	9:03	200	16:07	40	21:47	236
		4:40	46	9:43	201	16:38	40	22:20	235

Getijdengegevens 2023 - LAT

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Oude Schild		52.9333° N, 5.1333° O							
LAT=NAP+		117							
HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
									
3:05	200	9:16	61	15:14	153	21:20	51		
4:11	194	10:17	63	16:32	158	22:32	54		
5:23	189	11:18	62	18:04	167	23:43	55		
6:30	186	12:19	59	19:03	178				
		0:53	54	7:27	183	13:13	56	19:52	187
		1:49	53	8:14	179	13:56	54	20:32	194
		2:32	55	8:50	173	14:32	52	21:06	198
		3:09	57	9:10	169	15:05	50	21:36	200
		3:43	58	9:25	167	15:37	46	22:06	202
		4:16	57	9:53	166	16:10	43	22:38	203
		4:50	57	10:24	165	16:42	41	23:12	203
		5:24	56	10:54	163	17:14	41	23:45	201
		5:57	57	11:18	161	17:49	41		
0:18	197	6:33	58	11:40	160	18:29	42		
0:50	193	7:13	58	12:02	160	19:16	44		
1:26	189	8:01	60	12:44	161	20:10	48		
2:13	185	9:00	62	13:42	161	21:16	54		
3:55	180	10:13	62	15:48	163	22:39	56		
5:28	181	11:25	58	18:05	174				
		0:00	52	6:41	182	12:35	53	19:17	187
		1:24	46	7:48	181	13:46	48	20:18	199
		2:29	37	8:53	179	14:43	41	21:12	209
		3:22	30	9:53	174	15:33	34	22:03	215
		4:10	26	10:45	170	16:18	28	22:49	219
		4:55	26	11:28	165	17:00	23	23:32	219
		5:37	29	12:03	161	17:41	21		
0:13	215	6:18	36	12:28	157	18:19	23		
0:52	207	6:58	45	12:51	156	18:56	28		
1:32	196	7:36	54	13:18	155	19:35	36		
2:13	184	8:17	62	14:00	157	20:25	47		
2:58	174	9:15	67	15:01	159	21:43	56		
3:56	167	10:26	67	16:08	163	23:04	59		
5:58	165	11:34	61	18:26	174				
		0:25	56	7:02	167	12:39	54	19:23	185
		1:30	51	7:53	168	13:33	48	20:09	192
		2:15	49	8:34	166	14:15	44	20:46	196
		2:53	48	9:05	164	14:52	41	21:18	198
		3:27	46	9:26	164	15:27	36	21:49	200
		4:01	43	9:52	165	16:01	32	22:20	202
		4:35	40	10:18	165	16:34	29	22:51	201
		5:08	40	10:36	164	17:06	28	23:21	198

Referentievlak :LAT			Den Helder		52.9667° N, 4.7500° O						Texel Noordzee		53.1167° N, 4.7333° O						Oude Schild		52.9333° N, 5.1333° O					
LAT			Lat=	NAP+	125						LAT=NAP+	143							LAT=NAP+	117						
datum	dag	maanstand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm
11-2	zat				5:06	49	8:13	170	16:51	35	23:01	197			5:10	50	10:18	199	17:10	42	22:54	230			5:39	43
12-2	zon				5:31	53	8:49	173	17:21	37	23:32	191			5:41	55	9:00	201	17:44	46	23:23	222			6:09	46
13-2	maa	17:01 LK			5:53	56	9:41	176	17:59	42	22:41	185			6:13	61	9:50	203	18:23	52	22:54	215	0:15	187	6:39	49
14-2	din				6:27	60	10:55	176	18:52	48	23:42	180			6:51	67	11:03	202	19:10	59	23:54	209	0:47	181	7:17	52
15-2	woe				7:21	65	12:07	175	20:03	56					7:39	74	12:18	200	20:13	67			1:32	174	8:11	57
16-2	don		0:54	171	8:42	69	13:20	173	21:37	59			1:04	198	8:52	79	13:29	198	21:45	69			2:43	166	9:27	62
17-2	vry		3:51	165	10:17	66	16:18	176	23:09	53			4:12	192	10:27	75	16:45	204	23:21	60			4:53	163	10:54	60
18-2	zat		5:42	168	11:33	57	18:10	190					5:40	199	11:50	64	18:02	220					6:23	166	12:18	52
19-2	zon				0:46	42	7:00	171	13:02	47	19:17	202			0:47	44	6:56	204	13:07	50	19:09	235			1:19	36
20-2	maa	08:06 NM			1:51	27	8:09	171	14:04	34	20:13	211			1:51	132	8:04	208	14:06	36	20:06	245			2:18	24
21-2	din				2:42	17	9:10	170	14:53	23	21:02	215			2:42	15	9:00	209	14:55	24	20:55	250			3:08	17
22-2	woe				3:28	13	9:57	169	15:36	15	21:45	217			3:28	9	9:46	207	15:38	15	21:37	252			3:52	15
23-2	don				4:09	16	10:31	167	16:16	10	22:24	214			4:09	10	10:24	205	16:18	10	22:15	249			4:34	17
24-2	vry				4:48	23	10:40	166	16:52	11	22:59	207			4:47	18	10:51	201	16:56	12	22:51	241			5:13	23
25-2	zat				5:22	34	8:05	168	17:24	17	23:31	195			5:23	30	11:02	198	17:30	20	23:22	228			5:49	32
26-2	zon				5:49	46	9:00	171	17:51	26	23:55	182			5:54	45	9:10	198	18:03	32	23:42	212	0:20	193	6:20	41
27-2	maa	09:06 EK			6:09	55	10:06	172	18:22	37	23:59	171			6:22	60	10:14	198	18:35	47	23:51	199	0:46	179	6:47	50
28-2	din				6:38	62	11:25	170	19:04	51					6:51	71	11:32	194	19:14	62			1:08	167	7:17	56
1-3	woe		0:39	163	7:22	69	12:57	166	19:59	63			0:45	187	7:32	80	13:04	189	20:08	75			1:41	158	8:02	63
2-3	don		1:42	157	8:27	74	14:31	168	21:42	69			1:52	180	8:32	87	14:32	191	21:39	81			2:39	151	9:20	69
3-3	vry		2:44	155	10:17	69	15:46	173	23:11	61			2:53	179	10:15	84	15:49	198	23:25	71			3:49	148	10:57	63
4-3	zat		3:41	157	11:27	57	18:13	182					3:48	181	11:45	70	18:04	209					6:34	153	12:09	52
5-3	zon				0:23	51	6:57	161	12:28	47	19:01	191			0:35	57	6:57	190	12:45	57	18:55	220			1:05	46
6-3	maa				1:15	43	7:38	165	13:19	40	19:39	195			1:22	47	7:37	196	13:31	48	19:35	226			1:50	39
7-3	din	13:40 VM			1:57	38	8:11	166	14:01	35	20:14	197			2:02	133	8:11	198	14:10	41	20:09	229			2:28	35
8-3	woe				2:35	34	5:51	166	14:39	31	20:47	198			2:38	35	8:42	199	14:46	36	20:38	230			3:04	32
9-3	don				3:10	31	6:23	167	15:14	27	21:16	199			3:13	31	8:59	200	15:20	31	20:57	232			3:38	29
10-3	vry				3:44	30	8:31	169	15:47	24	21:37	198			3:46	30	8:53	202	15:52	28	21:21	233			4:12	27
11-3	zat				4:16	33	9:14	171	16:18	25	22:01	195			4:17	32	9:25	205	16:24	28	21:54	230			4:45	29
12-3	zon				4:45	39	9:52	173	16:46	28	22:32	189			4:47	38	10:01	205	16:56	32	22:29	223			5:15	34
13-3	maa				5:05	45	8:13	178	17:11	32	23:04	181			5:16	46	8:24	206	17:29	38	23:01	213			5:42	39
14-3	din				5:14	49	9:01	180	17:37	38	21:49	173			5:46	55	9:11	208	18:05	46	21:58	203			6:06	42
15-3	woe	03:08 LK			5:42	53	10:22	177	18:28	46	23:16	165			6:18	63	10:26	204	18:51	55	23:26	192	0:19	169	6:37	46
16-3	don				6:38	60	11:58	174	19:48	55					7:04	72	12:06	200	19:57	64			1:09	159	7:31	53
17-3	vry		0:42	154	8:05	67	14:04	172	21:33	56			0:51	179	8:21	79	13:33	197	21:40	65			2:28	150	8:56	60
18-3	zat		3:46	151	9:57	64	16:12	181	23:11	45			4:04	180	10:08	75	16:26	208	23:19	50			4:38	148	10:36	57
19-3	zon		5:30	156	11:25	52	17:49	194					5:30	189	11:42	59	17:44	225					6:12	153	12:08	46
20-3	maa				0:36	29	6:49	161	12:49	37	18:53	204			0:36	30	6:45	197	12:54	41	18:46	237			1:06	25
21-3	din	18:23 NM			1:34	115	8:00	164	13:46	24	19:47	208			1:34	131	7:48	202	13:49	25	19:40	243			2:00	107
22-3	woe				2:22	10	8:55	165	14:33	13	20:34	209			2:22	7	8:40	204	14:35	14	20:25	245			2:47	11
23-3	don				3:05	11	9:36	166	15:15	7	21:14	206			3:04	6	9:19	204	15:16	7	21:03	243			3:29	13
24-3	vry				3:44	16	9:37	167	15:53	5	21:49	201			3:43	11	9:34	204	15:54	4	21:37	238			4:08	17
25-3	zat				4:18	24	9:44	172	16:26	8	22:21	192			4:17	19	9:44	207	16:28	7	22:10	228			4:44	23
26-3	zon				5:45	33	11:14	175	17:54	15	23:48	180			5:47	30	11:13	208	18:00	17	23:41	214			6:15	30
27-3	maa				6:04	41	11:41	175	18:21	26					6:14	42	11:41	205	18:32	31			0:41	176	6:39	37
28-3	din		0:07	168	6:26	47	12:01	174	18:52	40			0:05	198	6:40	55	12:01	201	19:04	47			0:59	164	7:01	43
29-3	woe	04:32 EK	0:25	158	6:55	54	12:40	171	19:30	53			0:28	184	7:09	66	12:36	196	19:41	63			1:17	154	7:30	48
30-3	don		1:12	150	7:35	61	13:49	169	20:21	65			1:20	173	7:47	75	13:51	191	20:29	76			1:55	146	8:11	55
31-3	vry		2:14	145	8:33	69	14:58	169	21:39	71			2:27	167	8:41	83	15:02	192	21:44	82			2:53	141	9:11	63
1-4	zat		3:15	146	9:59	70	16:08	173	23:40	61			3:27	169	9:58	84	16:06	197	23:49	72			4:06	139	11:07	64
2-4	zon		4:12	149	11:56	58	18:10	179					4:22	174	12:09	73	18:15	206							0:18	55
3-4	maa				0:46	47	7:14	155	12:58	46	19:18	188			0:58	54	7:16	185	13:13	57	19:17	217			1:25	42
4-4	din				1:40	36	8:02	163	13:50	38	20:04	193			1:48	40	8:01	195	14:02	45	20:02	224			2:15	32

Referentievlak :LAT			Den Helder		52.9667° N, 4.7500° O						Texel Noordzee		53.1167° N, 4.7333° O						Oude Schild		52.9333° N, 5.1333° O					
LAT			Lat=	NAP+	125		HW		cm		LAT=NAP+		143		HW		cm		LAT=NAP+	117	HW		cm		HW	
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
5-4	woe				2:25	29	8:44	167	14:35	32	20:45	195			2:30	31	8:41	200	14:43	37	20:41	226			2:56	26
6-4	don	06:34 VM			3:05	115	9:24	168	15:15	28	21:23	194			3:08	132	9:19	202	15:21	31	21:14	226			3:34	23
7-4	vry				3:43	23	9:59	168	15:53	24	21:54	192			3:45	23	9:47	202	15:57	26	21:35	225			4:11	21
8-4	zat				4:18	23	9:37	168	16:28	21	22:12	189			4:19	23	9:39	204	16:32	23	21:57	224			4:46	21
9-4	zon				4:51	27	9:58	173	17:03	22	22:35	184			4:51	26	10:06	208	17:06	23	22:31	220			5:20	24
10-4	maa				5:20	34	10:36	177	17:35	26	23:07	178			5:23	33	10:43	211	17:40	27	23:08	212			5:51	29
11-4	din				5:39	40	11:15	179	18:06	32	23:42	169			5:53	42	11:20	211	18:15	34	23:43	200			6:17	34
12-4	woe				5:48	44	11:54	180	18:37	38					6:23	51	11:56	209	18:54	43			0:26	164	6:39	38
13-4	don	11:11 LK	0:10	158	6:20	48	12:35	179	19:31	46			0:12	187	6:55	59	12:30	206	19:44	53			1:07	154	7:12	42
14-4	vry		0:11	149	7:18	55	13:53	177	20:56	53			0:24	174	7:45	68	13:27	202	20:59	61			2:09	144	8:12	49
15-4	zat		2:53	141	8:53	62	15:30	180	22:36	48			3:30	168	9:09	74	15:44	205	22:43	55			3:37	137	9:43	55
16-4	zon		4:41	143	10:42	56	17:05	188					4:54	174	10:56	67	17:09	217					5:28	138	11:22	50
17-4	maa				0:00	35	6:11	149	12:07	44	18:23	197			0:05	38	6:11	184	12:22	52	18:19	228			0:36	30
18-4	din				1:12	23	7:32	155	13:24	32	19:23	201			1:13	23	7:21	191	13:30	36	19:16	235			1:43	20
19-4	woe				2:09	16	8:42	159	14:22	21	20:14	200			2:09	14	8:22	196	14:25	23	20:04	236			2:36	14
20-4	don	06:14 NM			2:57	114	9:31	162	15:10	15	20:57	197			2:56	130	9:08	198	15:11	15	20:44	233			3:22	107
21-4	vry				3:38	18	8:49	165	15:51	11	21:33	192			3:37	16	8:58	202	15:51	11	21:20	229			4:03	18
22-4	zat				4:14	24	9:25	173	16:27	12	22:06	186			4:12	21	9:28	210	16:27	11	21:56	223			4:40	23
23-4	zon				4:43	29	10:07	180	16:57	15	22:39	177			4:42	27	10:06	216	16:59	14	22:32	213			5:12	27
24-4	maa				5:02	32	10:48	184	17:25	22	23:08	167			5:09	33	10:45	217	17:31	23	23:07	200			5:37	31
25-4	din				5:23	36	11:25	183	17:54	33	23:32	157			5:37	41	11:21	213	18:03	37	23:37	186	0:01	162	5:59	34
26-4	woe				5:50	41	12:01	179	18:25	45	23:57	148			6:05	50	11:56	207	18:36	52			0:20	152	6:24	37
27-4	don	23:20 EK			6:17	47	12:41	175	19:00	56			0:05	174	6:34	60	12:35	201	19:11	65			0:45	145	6:54	41
28-4	vry		0:44	142	6:50	52	13:34	173	19:47	64			0:56	165	7:08	67	13:33	196	19:55	74			1:26	140	7:32	46
29-4	zat		1:46	140	7:47	59	14:31	173	20:52	67			2:01	162	7:58	74	14:34	196	20:58	78			2:21	136	8:27	53
30-4	zon		2:45	141	8:59	63	15:32	175	22:39	61			3:00	164	9:03	77	15:30	200	22:48	71			3:30	135	9:39	58
1-5	maa		3:40	145	10:20	60	17:14	179	23:58	48			3:58	170	10:23	74	16:43	205					5:08	139	11:35	55
2-5	din		6:05	152	12:03	51	18:30	187					0:07	55	6:19	181	12:22	63	18:30	214			0:33	41	6:52	148
3-5	woe				0:54	36	7:15	161	13:06	43	19:24	191			1:02	41	7:16	193	13:20	51	19:23	220			1:28	31
4-5	don				1:44	29	8:07	167	13:58	37	20:11	192			1:50	31	8:04	200	14:08	41	20:08	222			2:16	25
5-5	vry	19:34 VM			2:29	115	8:54	170	14:44	31	20:55	190			2:33	132	8:47	203	14:50	33	20:47	221			2:59	22
6-5	zat				3:11	23	9:36	171	15:27	26	21:33	185			3:13	23	9:21	205	15:31	27	21:16	218			3:40	21
7-5	zon				3:49	24	10:04	172	16:08	23	21:56	179			3:50	23	9:25	207	16:09	23	21:40	215			4:18	22
8-5	maa				4:25	27	9:44	177	16:47	23	22:14	173			4:26	26	9:50	213	16:48	23	22:13	209			4:55	25
9-5	din				4:56	32	10:22	183	17:27	27	22:48	166			5:00	32	10:27	218	17:27	26	22:52	200			5:29	29
10-5	woe				5:17	37	11:05	187	18:07	33	23:28	157			5:34	40	11:08	220	18:08	34	23:34	189			6:01	32
11-5	don				5:34	40	11:55	188	18:53	39			6:08	47	11:53	218	18:53	42					0:27	152	6:30	35
12-5	vry	16:28 LK	0:14	147	6:12	43	13:00	188	19:52	45			0:24	176	6:47	55	12:48	215	19:52	50			1:16	144	7:12	39
13-5	zat		1:37	140	7:15	49	14:13	188	21:05	46			2:10	168	7:44	62	14:17	214	21:08	52			2:19	137	8:18	43
14-5	zon		3:00	138	8:51	51	15:28	191	22:21	40			3:25	168	9:06	64	15:34	218	22:27	45			3:39	133	9:35	44
15-5	maa		4:21	140	10:17	46	16:45	194	23:31	33			4:35	174	10:32	58	16:45	224	23:36	36			5:11	135	10:58	41
16-5	din		5:39	146	11:34	39	17:55	197					5:42	181	11:50	48	17:50	228					0:06	29	6:37	142
17-5	woe				0:39	28	7:00	152	12:49	33	18:53	195			0:41	29	6:44	188	12:59	38	18:44	228			1:12	24
18-5	don				1:38	26	8:09	157	13:53	27	19:42	190			1:38	26	7:36	193	13:57	30	19:29	225			2:07	23
19-5	vry	17:53 NM			2:27	27	7:24	163	14:44	24	20:17	184			2:26	132	7:42	199	14:45	26	20:05	220			2:54	25
20-5	zat				3:08	30	8:04	171	15:27	23	20:46	178			3:07	31	8:15	207	15:26	25	20:41	215			3:36	28
21-5	zon				3:41	34	8:52	180	16:02	25	21:21	172			3:40	35	8:56	216	16:01	26	21:20	208			4:11	31
22-5	maa				4:01	34	9:42	186	16:32	29	21:57	166			4:07	36	9:39	222	16:33	29	22:00	200			4:40	32
23-5	din				4:21	33	10:30	189	17:00	34	22:31	158			4:35	37	10:22	223	17:06	36	22:38	190			5:03	32
24-5	woe				4:52	33	11:14	188	17:32	42	23:00	151			5:06	41	11:04	219	17:41	45	23:12	179			5:29	32
25-5	don				5:21	37	11:56	185	18:04	51	23:21	145			5:37	48	11:45	214	18:15	56	23:42	171			5:59	34
26-5	vry				5:46	41	12:36	181	18:38	57	23:08	142			6:05	54	12:27	208	18:50	65	23:11	165	0:24	142	6:30	36
27-5	zat	17:22 EK			6:17	44	13:19	179	19:20	60			6:37	59	13:14	205	19:31	69					1:04	139	7:06	39

			Den Helder		52.9667° N, 4.7500° O								Texel Noordzee						53.1167° N, 4.7333° O								Oude Schild		52.9333° N, 5.1333° O							
Referentievlak :LAT			Lat=	NAP+	125						LAT=NAP+		143						LAT=NAP+		117															
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				
28-5	zon		1:14	140	7:09	49	14:05	179	20:17	61			1:32	163	7:24	64	14:03	204	20:23	70			1:53	137	7:57	43	14:48	176	20:58	55						
29-5	maa		2:06	141	8:16	52	14:52	179	21:22	58			2:26	165	8:23	67	14:51	205	21:30	67			2:50	136	8:57	47	15:54	176	22:09	52						
30-5	din		2:50	144	9:22	53	16:15	180	22:38	51			3:14	170	9:26	68	15:36	207	22:55	60			4:31	139	10:02	49	17:10	178	23:30	45						
31-5	woe		5:22	148	10:28	52	17:43	183	23:53	43			5:28	177	10:35	66	17:33	209					5:53	146	11:22	49	18:17	182								
1-6	don		6:30	157	11:45	49	18:43	187					0:06	50	6:32	188	12:17	60	18:39	214			0:33	37	7:03	154	12:42	44	19:17	185						
2-6	vry				0:52	36	7:28	165	13:04	44	19:37	187	1:03	41	7:24	197	13:23	50	19:32	217			1:28	31	8:04	163	13:44	39	20:12	186						
3-6	zat				1:45	32	8:20	171	14:06	38	20:27	184	1:53	35	8:11	204	14:16	41	20:18	216			2:19	28	8:57	170	14:39	33	21:05	183						
4-6	zon	05:42 VM			2:34	30	9:08	175	15:00	32	21:15	179	2:38	132	8:51	209	15:04	33	21:00	212			3:07	26	9:45	176	15:31	29	21:56	178						
5-6	maa				3:19	30	9:49	179	15:50	28	21:58	172	3:22	30	9:14	214	15:50	28	21:34	207			3:51	27	10:29	180	16:19	26	22:43	171						
6-6	din				4:02	31	10:10	184	16:38	26	22:27	164	4:03	31	9:39	221	16:35	25	22:10	200			4:34	28	11:08	185	17:06	24	23:26	163						
7-6	woe				4:42	33	10:26	190	17:25	28	22:54	157	4:44	34	10:19	226	17:21	27	22:54	192			5:16	29	11:43	189	17:53	25								
8-6	don				5:19	35	11:18	195	18:13	31	23:46	150	5:26	38	11:06	230	18:09	31			0:04	154	5:57	31	12:20	193	18:41	27								
9-6	vry				5:52	37	12:15	199	19:03	35			0:00	184	6:09	43	12:01	230	19:01	37			0:42	147	6:40	31	13:03	197	19:30	30						
10-6	zat	21:31 LK	0:44	145	6:37	39	13:12	200	19:55	38			1:08	177	6:58	48	13:08	229	19:56	41			1:27	141	7:27	32	13:54	198	20:24	33						
11-6	zon		1:43	141	7:38	40	14:10	199	20:51	40			2:08	173	7:52	51	14:12	228	20:55	44			2:22	137	8:19	32	14:53	197	21:22	35						
12-6	maa		2:45	140	8:38	40	15:13	197	21:52	41			3:08	173	8:52	52	15:15	226	21:57	45			3:26	136	9:18	34	16:00	194	22:24	36						
13-6	din		3:49	142	9:42	40	16:20	194	22:53	41			4:08	175	9:58	52	16:18	224	22:59	44			4:38	138	10:25	35	17:09	192	23:28	36						
14-6	woe		4:51	147	10:54	40	17:26	191	23:55	41			5:07	180	11:10	50	17:20	221			5:58	143	11:36	34	18:17	188										
15-6	don		5:42	153	12:08	39	18:28	186					0:02	44	6:00	187	12:22	47	18:16	217			0:31	36	7:11	151	12:46	34	19:23	184						
16-6	vry				0:57	41	6:12	161	13:20	37	19:29	180	1:02	43	6:39	194	13:27	42	19:01	212			1:32	36	8:12	160	13:54	32	20:25	179						
17-6	zat				1:52	40	6:50	169	14:19	36	20:27	173	1:54	44	7:08	203	14:21	39	19:32	207			2:24	36	9:01	169	14:50	31	21:18	173						
18-6	zon	06:37 NM			2:35	41	7:38	178	15:06	36	19:53	168	2:37	45	7:48	212	15:06	39	20:08	202			3:08	37	9:42	178	15:37	33	22:02	167						
19-6	maa				3:06	41	8:38	185	15:45	39	20:30	163	3:11	46	8:34	220	15:43	41	20:49	196			3:45	37	10:17	184	16:17	36	22:33	160						
20-6	din				3:26	39	9:43	190	16:17	42	21:10	159	3:40	45	9:23	224	16:17	44	21:33	191			4:15	37	10:47	189	16:52	40	22:51	155						
21-6	woe				3:56	36	10:29	193	16:48	45	21:50	155	4:12	44	10:11	226	16:52	47	22:17	185			4:42	35	11:18	192	17:24	43	23:11	151						
22-6	don				4:31	35	11:09	194	17:21	49	22:11	151	4:47	44	10:55	225	17:28	52	22:59	180			5:13	33	11:51	192	17:57	46	23:41	148						
23-6	vry				5:04	36	11:47	192	17:56	53	21:48	150	5:21	47	11:36	222	18:04	57	21:51	176			5:46	33	12:25	191	18:30	49								
24-6	zat				5:30	38	12:24	190																												

Referentievlak :LAT			Den Helder		52.9667° N, 4.7500° O						Texel Noordzee		53.1167° N, 4.7333° O						Oude Schild		52.9333° N, 5.1333° O					
LAT			Lat=	NAP+	125		HW		cm		LAT=NAP+		143		HW		cm		LAT=NAP+	117	HW		cm		HW	
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
20-7	don				3:52	40	10:22	199	16:41	50	20:12	159			4:04	49	10:08	231	16:43	51	22:23	189			4:33	37
21-7	vry				4:28	38	10:56	200	17:13	50	20:40	159			4:40	46	10:44	232	17:17	51	22:55	188			5:06	34
22-7	zat				5:01	37	11:29	199	17:46	51	21:15	158			5:14	46	11:18	231	17:51	53	23:23	187			5:39	32
23-7	zon				5:31	38	12:01	197	18:17	54	21:50	158			5:46	47	11:49	228	18:23	56	23:40	185	0:05	155	6:11	33
24-7	maa				5:56	40	12:30	193	18:46	56	22:30	158			6:16	50	12:18	224	18:53	60	22:37	186	0:32	153	6:43	34
25-7	din				6:29	42	12:57	188	19:16	58	23:20	160			6:48	54	12:44	218	19:26	63	23:31	187	0:48	152	7:16	36
26-7	woe	00:07 EK			7:13	46	13:23	184	19:55	59					7:28	58	13:04	214	20:04	66			1:00	152	7:56	38
27-7	don		0:18	162	8:05	50	13:38	181	20:45	61			0:33	189	8:15	63	13:27	211	20:52	70			1:33	155	8:44	43
28-7	vry		1:20	164	9:04	56	14:18	177	21:49	63			1:33	191	9:11	68	14:19	206	21:55	73			2:28	156	9:42	49
29-7	zat		2:23	166	10:18	60	15:20	173	23:10	61			2:33	193	10:25	72	15:21	201	23:19	71			3:55	157	10:59	54
30-7	zon		3:23	168	11:46	58	18:32	174					5:54	197	12:00	67	18:25	204			6:34	167	12:26	53	19:10	174
31-7	maa				0:22	55	7:13	181	13:09	52	19:45	175			0:35	63	7:03	213	13:21	56	19:38	208			1:02	50
1-8	din	20:32 VM			1:30	50	8:18	194	14:35	42	20:53	174			1:44	55	8:05	227	14:34	43	20:48	209			2:16	45
2-8	woe				2:48	44	9:15	204	15:34	31	21:58	172			2:50	47	9:03	238	15:32	30	21:50	209			3:20	38
3-8	don				3:45	36	10:06	212	16:24	23	22:55	170			3:45	38	9:55	247	16:23	21	22:44	208			4:11	31
4-8	vry				4:33	28	10:52	217	17:09	19	23:43	167			4:34	30	10:41	252	17:09	16	23:31	205			4:58	25
5-8	zat				5:17	22	11:33	220	17:53	21					5:19	24	11:24	254	17:53	17			0:17	165	5:42	19
6-8	zon		0:21	163	5:58	20	12:13	217	18:34	29			0:12	201	6:01	22	12:06	252	18:34	26			0:57	162	6:23	17
7-8	maa		0:46	160	6:37	22	12:53	211	19:13	41	22:05	159			0:50	196	6:41	26	12:47	243	19:14	39			1:30	158
8-8	din	12:28 LK			7:13	29	13:33	200	19:49	53	23:12	162			1:25	191	7:20	35	13:29	230	19:53	55	23:25	189	1:54	156
9-8	woe				7:47	38	14:13	187	20:22	63					7:58	47	14:10	216	20:31	69			2:17	155	8:21	32
10-8	don		0:22	164	8:26	48	14:52	176	21:02	70			0:34	190	8:40	60	14:44	204	21:14	79			2:53	157	9:08	43
11-8	vry		1:42	164	9:25	59	15:32	169	22:14	72			1:52	189	9:37	71	15:22	196	22:20	83			3:47	160	10:17	54
12-8	zat		4:04	168	10:59	64	16:20	165	23:32	67			4:21	194	11:05	75	17:46	192	23:42	80			4:56	164	11:41	58
13-8	zon		5:12	176	12:22	60	19:19	168					5:46	204	12:37	69	19:18	197							0:12	62
14-8	maa				0:37	59	7:35	189	13:44	54	20:15	171			0:58	71	7:27	218	13:50	59	20:14	201			1:26	54
15-8	din				1:41	52	8:24	198	14:36	49	21:01	170			1:58	62	8:16	228	14:40	53	20:58	202			2:24	47
16-8	woe	11:38 NM			2:31	48	9:02	202	15:16	49	21:38	167			2:43	56	8:53	233	15:19	51	21:33	200			3:08	44
17-8	don				3:11	45	9:34	203	15:50	49	19:05	165			3:20	53	9:24	236	15:53	50	21:59	198			3:45	42
18-8	vry				3:47	42	10:04	204	16:23	49	19:33	167			3:55	49	9:54	237	16:25	49	22:19	199			4:18	39
19-8	zat				4:21	40	10:34	205	16:55	48	20:04	168			4:28	46	10:23	238	16:58	48	22:36	200			4:52	36
20-8	zon				4:53	39	11:03	204	17:27	49	22:44	167			5:01	45	10:49	237	17:29	50	22:50	200			5:24	34
21-8	maa				5:23	40	11:29	201	17:56	53	20:55	168			5:31	46	11:15	234	17:58	54	23:12	199			5:55	35
22-8	din				5:48	43	11:54	196	18:20	58	21:25	171			6:00	51	11:43	229	18:26	61	21:37	200	0:04	164	6:25	37
23-8	woe				6:13	47	12:20	190	18:41	62	22:07	175			6:31	56	12:11	221	18:56	67	22:18	204	0:09	163	6:54	40
24-8	don	11:57 EK			6:45	51	10:49	184	19:10	65	23:12	176			7:06	61	10:59	215	19:30	72	23:20	203	0:24	166	7:28	43
25-8	vry				7:30	57	12:05	180	19:56	69					7:48	68	12:17	209	20:14	79			0:51	168	8:12	48
26-8	zat		0:40	175	8:33	64	13:21	172	21:02	74			0:52	201	8:43	76	13:35	199	21:14	85			1:58	169	9:11	56
27-8	zon		2:01	174	9:56	70	15:51	166	22:36	75			2:10	200	10:02	81	16:26	193	22:42	86			3:38	169	10:35	63
28-8	maa		4:49	178	11:34	66	18:13	170					5:13	206	11:45	74	18:10	200			5:57	177	12:13	60	18:52	169
29-8	din				0:00	66	6:48	193	13:11	55	19:33	174			0:13	76	6:40	224	13:16	58	19:29	207			0:42	61
30-8	woe				1:26	57	7:55	207	14:26	40	20:45	176			1:36	63	7:47	240	14:25	40	20:39	213			2:06	51
31-8	don	03:35 VM			2:38	45	8:53	217	15:19	28	21:50	177			2:41	48	8:45	251	15:19	25	21:38	215			3:06	40
1-9	vry				3:31	33	9:45	222	16:06	21	22:44	177			3:32	35	9:37	258	16:06	18	22:29	215			3:56	30
2-9	zat				4:17	24	10:33	224	16:49	21	23:27	175			4:18	25	10:23	260	16:49	16	23:12	214			4:41	23
3-9	zon				4:59	19	11:15	222	17:30	27	23:59	173			5:00	19	11:04	258	17:29	22	23:47	211	0:01	175	5:23	18
4-9	maa				5:38	19	11:52	215	18:07	38					5:40	19	11:42	251	18:07	34			0:36	173	6:03	17
5-9	din		0:05	172	6:14	25	12:26	204	18:40	52	21:25	173			0:11	207	6:17	27	12:17	238	18:41	50			1:01	171
6-9	woe				6:46	36	12:56	190	19:06	64	22:31	175			0:16	203	6:52	40	12:47	222	19:12	66	22:44	202	1:16	170
7-9	don	00:21 LK			7:16	48	13:15	177	19:28	72					7:26	56	12:54	206	19:41	80			1:36	170	7:49	43
8-9	vry		0:09	175	7:53	61	13:25	167	20:08	79			0:18	201	8:04	71	13:27	194	20:19	90			2:10	171	8:29	56
9-9	zat		1:54	174	8:48	74	14:25	161	21:10	84			1:50	198	8:57	85	14:40	186	21:16	97			3:07	171	9:32	69
10-9	zon		3:28	177	10:29	80	15:31	160	22:57	80			3:30	201	10:28	91	15:45	184	22:58	95			4:16	174	11:15	73

			Den Helder		52.9667° N, 4.7500° O						Texel Noordzee		53.1167° N, 4.7333° O						Oude Schild		52.9333° N, 5.1333° O										
Referentievlak :LAT			Lat=	NAP+	125						LAT=NAP+		143				LAT=NAP+		117												
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			
11-9	maa		4:44	184	12:02	71	18:58	165			4:57	209	12:19	81	18:59	193			6:32	182	12:51	65	19:24	164							
12-9	din				0:13	68	7:05	197	13:19	60			0:35	81	6:59	224	13:28	65	19:51	203	0:57	62	7:39	196	13:58	53	20:21	172			
13-9	woe				1:17	57	7:54	206	14:09	52			1:35	67	7:47	235	14:14	55	20:32	208	1:58	52	8:31	205	14:42	47	21:09	175			
14-9	don				2:08	51	8:33	209	14:48	49			2:20	58	8:26	240	14:52	50	21:07	210	2:43	46	9:14	208	15:19	46	21:50	176			
15-9	vry	03:40 NM			2:50	48	9:06	209	15:23	48			2:59	54	8:59	241	15:26	48	21:37	210	3:21	44	9:49	208	15:53	46	22:24	176			
16-9	zat				3:27	46	9:37	208	15:57	47			3:34	51	9:30	241	15:59	47	22:02	210	3:57	42	10:20	208	16:25	45	22:52	176			
17-9	zon				4:02	44	10:08	207	16:30	47			4:08	48	9:56	240	16:32	47	22:10	210	4:30	40	10:51	207	16:58	45	23:18	176			
18-9	maa				4:35	44	10:34	205	17:01	50			4:40	47	10:15	238	17:02	50	22:17	211	5:03	39	11:21	204	17:29	47	23:36	175			
19-9	din				5:05	46	10:54	200	17:29	56			5:10	49	10:40	235	17:31	56	22:46	212	5:35	40	11:48	198	17:59	51	23:31	174			
20-9	woe				5:31	50	11:18	195	17:50	62			5:40	54	11:12	229	17:58	64	20:59	215	6:04	43	12:09	191	18:24	57	23:43	176			
21-9	don				5:56	54	9:11	189	18:03	67			6:11	60	9:24	220	18:27	71	21:39	219	6:33	47	12:31	184	18:46	60					
22-9	vry	21:32 EK			6:22	59	9:59	185	18:26	70			6:46	67	10:12	215	18:59	79	22:33	216	0:13	178	7:05	50	13:00	177	19:14	62			
23-9	zat				7:04	66	11:18	175	19:13	75			7:28	75	11:25	202	19:41	87			0:54	180	7:49	57	13:46	169	20:01	68			
24-9	zon		0:31	182	8:15	74	12:52	164	20:27	82		0:41	209	8:26	84	13:08	189	20:45	95			2:07	179	8:55	66	14:59	161	21:15	75		
25-9	maa		2:47	183	9:51	78	16:08	160	22:14	83		2:24	207	9:56	87	16:30	188	22:22	95			3:38	181	10:30	71	17:02	158	22:55	76		
26-9	din		4:49	192	11:35	68	18:00	167	23:47	71		4:57	219	11:44	74	17:59	198			5:42	190	12:14	62	18:41	164						
27-9	woe		6:24	207	13:02	52	19:18	174					0:03	81	6:18	237	13:04	54	19:14	209			0:30	66	7:04	205	13:36	47	20:01	171	
28-9	don				1:14	58	7:28	218	14:06	38	20:31	177	1:22	64	7:22	251	14:06	37	20:19	215			1:48	53	8:10	216	14:35	35	21:12	176	
29-9	vry	11:57 VM			2:19	45	8:24	223	14:58	30	21:33	180	2:22	47	8:17	258	14:57	27	21:16	218			2:46	41	9:11	222	15:24	30	22:09	179	
30-9	zat				3:10	35	9:16	224	15:43	29	22:22	181	3:11	35	9:06	260	15:42	25	22:03	218			3:35	32	10:08	224	16:08	30	22:55	181	
1-10	zon				3:55	28	10:03	221	16:24	33	22:59	181	3:56	27	9:50	258	16:23	28	22:38	218			4:19	26	10:58	222	16:49	34	23:33	183	
2-10	maa				4:36	25	10:44	215	17:02	40	22:59	183	4:36	24	10:28	252	17:00	36	22:40	219			5:00	24	11:40	216	17:27	41			
3-10	din				5:13	28	11:17	206	17:35	50	23:08	186	5:14	27	11:02	242	17:34	47	23:02	220	0:04	184	5:39	26	12:16	206	18:02	49			
4-10	woe				5:47	36	11:46	194	18:00	61	23:38	187	5:49	36	11:33	228	18:04	60	23:32	219	0:22	184	6:15	33	12:45	193	18:31	57			
5-10	don				6:15	47	12:08	180	18:17	68			6:22	50	12:00	211	18:31	74			0:39	185	6:47	43	13:05	178	18:54	64			
6-10	vry	15:48 LK	0:07	187	6:45	61	12:14	169	18:45	75		0:00	215	6:55	67	12:18	196	19:00	85			1:06	184	7:18	56	13:21	166	19:21	70		
7-10	zat		0:43	185	7:22	74	12:50	161	19:26	81		0:34	210	7:33	83	13:02	185	19:37	95			1:44	183	7:56	69	13:48	158	20:01	76		
8-10	zon		1:49	184	8:14	86	13:56	156	20:23	88		1:45	207	8:22	96	14:15	178	20:31	102			2:36	181	8:51	81	14:44	152	21:00	83		
9-10	maa		2:58	185	9:38	92	15:00	157	21:49	89		2:58	208	9:42	102	15:19	180	21:49	104			3:43	182	10:42	85	16:03	151	22:56	83		
10-10	din		4:12	190	11:31	80	16:0																								

Referentievlak :LAT			Den Helder		52.9667° N, 4.7500° O						Texel Noordzee		53.1167° N, 4.7333° O						Oude Schild		52.9333° N, 5.1333° O					
LAT			Lat=	NAP+	125						LAT=NAP+	143							LAT=NAP+	117						
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
3-11	vry				4:46	59	10:18	172	16:38	66	22:56	197			4:53	61	10:24	202	16:54	74	22:45	225			5:21	56
4-11	zat				5:17	71	10:27	164	17:10	71	23:40	193			5:28	76	10:47	190	17:26	83	23:29	219			5:51	67
5-11	zon	09:17 LK			5:55	82	11:07	158	17:47	77					6:06	90	11:29	180	18:02	91			0:25	192	6:29	77
6-11	maa		0:32	191	6:42	90	12:23	154	18:40	83			0:28	215	6:52	100	12:47	176	18:50	98			1:13	189	7:18	85
7-11	din		1:29	191	7:46	94	13:26	156	19:47	86			1:28	214	7:56	104	13:51	178	19:53	101			2:12	188	8:34	88
8-11	woe		2:35	193	9:31	88	14:32	160	21:06	84			2:28	218	9:36	97	15:14	184	21:14	98			3:26	190	10:15	80
9-11	don		4:01	199	10:41	75	16:48	168	22:48	75			3:56	223	10:50	82	17:03	197	23:03	87			4:48	196	11:18	68
10-11	vry		5:12	205	11:36	64	17:57	178	23:48	68			5:13	231	11:44	69	17:58	208			5:54	203	12:11	59	18:42	176
11-11	zat		6:05	209	12:24	57	18:48	185					0:02	76	6:05	237	12:31	60	18:45	216			0:23	62	6:45	207
12-11	zon				0:38	63	6:51	210	13:09	53	19:34	188			0:49	69	6:50	239	13:14	55	19:28	220			1:11	58
13-11	maa	10:27 NM			1:24	59	7:35	207	13:50	51	20:16	190			1:32	63	7:30	237	13:53	53	20:05	222			1:55	55
14-11	din				2:06	56	8:14	202	14:27	52	20:52	190			2:11	59	8:02	233	14:30	53	20:23	222			2:36	52
15-11	woe				2:45	54	8:42	196	15:01	54	20:23	192			2:49	56	8:20	229	15:04	55	20:30	227			3:15	51
16-11	don				3:24	54	8:46	190	15:30	58	20:57	198			3:26	55	8:49	224	15:37	59	21:04	232			3:55	51
17-11	vry				4:02	57	9:19	184	15:50	61	21:41	202			4:04	57	9:26	217	16:10	64	21:46	235			4:34	52
18-11	zat				4:42	62	9:58	176	16:12	63	22:31	204			4:44	62	10:08	207	16:44	70	22:31	235			5:15	56
19-11	zon	11:50 EK			5:26	67	8:31	167	16:47	66	23:33	204			5:28	69	10:54	195	17:22	77	23:24	232			6:02	60
20-11	maa				6:23	73	10:03	159	17:39	70					6:23	77	12:25	185	18:14	83			0:23	202	6:57	65
21-11	din		0:44	205	7:32	75	13:19	154	19:11	74			0:42	230	7:33	80	13:50	183	19:29	87			1:26	203	8:03	67
22-11	woe		1:57	207	8:45	71	14:44	155	20:38	71			2:02	233	8:50	75	15:02	186	20:51	83			2:42	204	9:18	64
23-11	don		3:15	210	9:55	64	16:04	161	21:55	65			3:15	238	10:01	66	16:11	194	22:09	75			4:04	207	10:29	58
24-11	vry		4:28	214	11:02	58	17:15	167	23:08	59			4:23	243	11:06	58	17:11	201	23:22	65			5:14	211	11:36	54
25-11	zat		5:28	214	12:05	54	18:27	173					5:21	245	12:06	54	18:03	208					6:18	211	12:37	51
26-11	zon				0:20	53	6:21	211	13:00	53	19:27	179			0:26	57	6:10	243	13:00	53	18:30	214			0:51	48
27-11	maa	10:16 VM			1:19	49	7:07	204	13:47	55	18:42	187			1:20	51	6:51	238	13:46	55	18:57	222			1:47	44
28-11	din				2:08	46	7:37	197	14:27	57	19:27	196			2:07	48	7:26	232	14:25	58	19:35	230			2:35	43
29-11	woe				2:50	48	8:03	190	14:56	59	20:18	202			2:48	49	8:02	225	14:57	61	20:18	236			3:18	44
30-11	don				3:25	52	8:35	183	15:08	58	21:13	206			3:23	52	8:41	216	15:24	62	21:03	239			3:57	49
1-12	vry				3:55	58	9:05	175	15:35	57	22:03	206			3:57	58	9:19	206	15:54	64	21:48	237			4:31	55
2-12	zat				4:23	65	9:23	168	16:09	58	22:48	203			4:31	67	9:53	196	16:27	68	22:34	232			5:02	63
3-12	zon				4:57	74	8:49	165	16:42	62	23:30	200			5:08	77	8:52	189	17:00	75	23:20	226			5:34	70
4-12	maa				5:34	81	9:30	162	17:14	66					5:46	87	9:35	184	17:33	80			0:09	198	6:11	76
5-12	din	06:49 LK	0:12	196	6:15	85	10:26	157	17:59	70			0:07	221	6:27	93	10:36	179	18:14	85			0:50	194	6:53	79
6-12	woe		0:56	194	7:05	86	12:33	157	18:59	73			0:53	219	7:15	95	13:02	178	19:07	88			1:38	192	7:44	81
7-12	don		1:43	193	8:02	84	13:21	159	19:59	75			1:38	218	8:12	94	13:47	182	20:05	89			2:38	190	8:46	79
8-12	vry		2:56	194	9:09	79	14:00	162	21:00	75			2:22	219	9:26	88	16:00	188	21:06	89			3:47	192	10:05	73
9-12	zat		4:18	196	10:28	71	17:03	171	22:10	73			4:03	220	10:41	79	17:08	199	22:43	85			4:53	195	11:10	65
10-12	zon		5:19	200	11:28	63	18:02	179	23:36	69			5:16	225	11:40	69	18:02	209	23:59	77			5:53	198	12:05	58
11-12	maa		6:13	201	12:20	57	18:56	186					6:10	228	12:30	62	18:50	217					0:21	63	6:49	200
12-12	din				0:38	63	7:03	200	13:07	54	19:45	191			0:52	68	6:58	228	13:15	57	19:33	222			1:16	58
13-12	woe	00:32 NM			1:33	58	7:51	195	13:52	53	20:28	194			1:41	60	7:40	225	13:58	55	20:03	226			2:07	54
14-12	don				2:24	54	8:33	188	14:33	53	21:00	198			2:26	55	8:10	221	14:39	54	20:16	232			2:56	50
15-12	vry				3:13	52	8:26	181	15:12	53	20:53	203			3:12	52	8:38	215	15:19	55	20:53	239			3:44	48
16-12	zat				4:01	52	9:01	175	15:47	54	21:45	209			3:58	51	9:18	209	16:01	57	21:38	243			4:30	48
17-12	zon				4:49	53	9:48	169	16:10	55	22:43	212			4:45	53	10:06	201	16:45	60	22:30	244			5:17	49
18-12	maa				5:38	56	10:48	162	16:48	56	23:39	214			5:35	57	11:10	192	17:32	63	23:29	243			6:06	51
19-12	din	09:39 EK			6:28	60	9:39	158	18:10	57					6:28	62	12:26	186	18:24	67			0:26	211	6:56	54
20-12	woe		0:36	212	7:21	63	10:39	156	19:07	58			0:34	240	7:23	66	13:30	183	19:20	69			1:21	209	7:50	57
21-12	don		1:37	209	8:17	65	11:42	155	20:06	58			1:38	236	8:22	69	14:33	183	20:21	70			2:25	206	8:48	59
22-12	vry		2:45	205	9:18	66	12:47	157	21:14	59			2:45	233	9:24	69	15:34	187	21:30	70			3:36	203	9:51	60
23-12	zat		3:56	202	10:20	66	16:03	163	22:29	59			3:51	230	10:27	69	16:29	194	22:43	67			4:45	200	10:54	60
24-12	zon		5:01	199	11:22	64	16:44	172	23:43	56			4:52	228	11:29	67	17:16	203	23:54	62			5:54	197	11:58	59
25-12	maa		6:08	194	12:24	62	17:24	181					5:49	225	12:28	64	17:49	212					0:21	51	6:59	193

			Den Helder										Texel Noordzee										Oude Schild									
Referentievlak :LAT			52.9667° N, 4.7500° O										53.1167° N, 4.7333° O										52.9333° N, 5.1333° O									
datum dag maanstand			Lat= NAP+ 125		HW cm		lw cm		HW cm		Lat= NAP+ 143		HW cm		lw cm		HW cm		Lat= NAP+ 117		HW cm		lw cm		HW cm							
26-12 din					0:55 53		7:14 189		13:17 60		18:09 190				0:57 57		6:51 220		13:19 63		18:27 222				1:27 48		7:58 189		13:49 55		20:23 190	
27-12 woe					1:50 51		8:09 183		13:58 59		19:03 197				1:50 54		6:54 214		14:01 63		19:11 230				2:20 47		8:48 183		14:32 54		21:03 198	
28-12 don 01:33 VM					2:35 52		6:59 178		14:24 57		20:32 203				2:34 55		7:28 209		14:33 62		20:01 236				3:05 48		9:29 177		15:08 53		21:37 203	
29-12 vry					3:13 56		7:31 173		14:39 53		21:15 206				3:11 58		8:09 204		15:02 60		20:52 239				3:44 52		9:57 170		15:37 51		22:09 206	
30-12 zat					3:44 60		7:56 170		15:16 49		21:56 208				3:44 61		8:54 198		15:36 58		21:40 239				4:18 56		10:11 165		16:05 48		22:41 206	
31-12 zon					4:13 63		7:49 169		15:54 202						4:19 64		7:54 194		16:12 228						4:50 60		10:31 162		16:38 188			