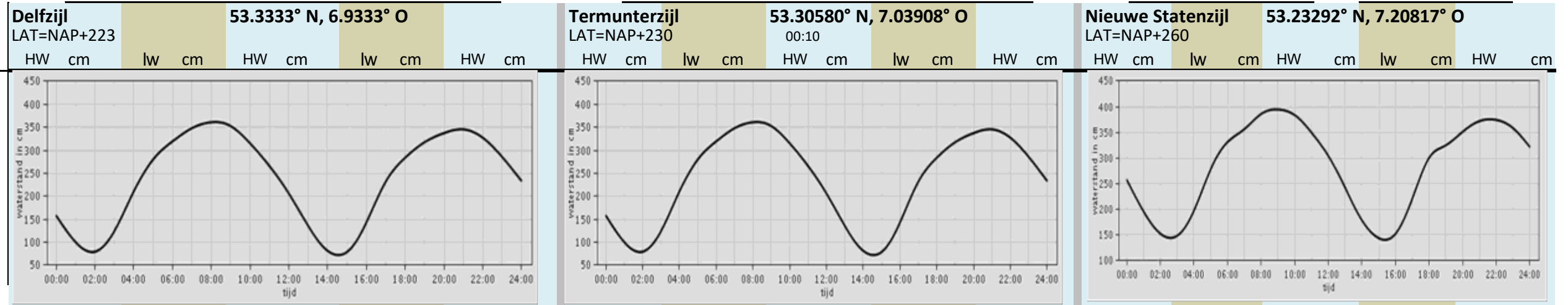


Referentievlak :LAT  
datum dag maanstand



2022 maan stand

		Delfzijl LAT=NAP+223		53.3333° N, 6.9333° O		Termunterzijl LAT=NAP+230		53.30580° N, 7.03908° O		Nieuwe Statenzijl LAT=NAP+260		53.23292° N, 7.20817° O	
		HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm
1-1	zat 19:34 NM			3:56	209	10:15	372	16:29	67	22:48	369		
2-1	zon			5:05	207	11:16	376	17:33	64	23:43	381		
3-1	maa			6:09	51	12:14	376	18:31	60				
4-1	din	0:34	390	7:04	40	13:08	373	19:21	57				
5-1	woe	1:23	394	7:53	32	14:00	366	20:06	53				
6-1	don	2:09	396	8:38	29	14:48	359	20:48	51				
7-1	vry	2:54	395	9:21	31	15:33	352	21:30	52				
8-1	zat 19:11 EK	3:40	391	10:03	39	16:16	345	22:11	56				
9-1	zon	4:26	383	10:45	51	17:00	338	22:53	66				
10-1	maa	5:12	372	11:30	67	17:44	332	23:39	80				
11-1	din	6:01	360	12:18	84	18:31	327						
12-1	woe			0:33	96	6:53	348	13:16	98	19:24	325		
13-1	don			1:42	107	7:53	340	14:20	103	20:29	328		
14-1	vry			2:52	106	9:08	338	15:22	101	21:44	339		
15-1	zat			3:55	99	10:12	342	16:19	94	22:37	352		
16-1	zon			4:52	89	11:01	348	17:10	86	23:20	364		
17-1	maa 00:48 VM			5:41	79	11:42	353	17:54	80	23:58	373		
18-1	din			6:24	208	12:20	356	18:35	73				
19-1	woe	0:34	379	7:04	63	12:57	357	19:13	67				
20-1	don	1:10	384	7:42	56	13:34	357	19:49	62				
21-1	vry	1:44	387	8:19	52	14:09	356	20:25	59				
22-1	zat	2:19	388	8:55	51	14:45	353	20:59	59				
23-1	zon	2:57	387	9:30	53	15:22	349	21:35	59				
24-1	maa 14:41 LK	3:36	383	10:06	56	15:59	344	22:14	60				
25-1	din	4:17	376	10:47	60	16:38	339	22:59	63				
26-1	woe	4:59	368	11:35	68	17:21	336	23:51	72				
27-1	don	5:49	358	12:32	78	18:20	334						
28-1	vry			0:56	82	7:04	349	13:42	87	19:46	337		
29-1	zat			2:15	85	8:38	349	14:57	86	21:14	349		
30-1	zon			3:35	77	9:57	356	16:10	80	22:26	367		
31-1	maa 06:46 NM			4:55	61	11:04	364	17:22	69	23:26	383		
1-2	din			6:01	205	12:04	368	18:20	56				
2-2	woe	0:19	394	6:54	26	12:59	368	19:09	46				
3-2	don	1:08	399	7:40	18	13:49	365	19:52	38				
4-2	vry	1:53	400	8:22	16	14:33	360	20:31	33				
5-2	zat	2:35	396	9:00	20	15:11	354	21:08	31				
6-2	zon	3:15	390	9:37	29	15:45	348	21:43	36				
7-2	maa 14:50 EK	3:51	379	10:11	44	16:17	342	22:18	46				
8-2	din	4:26	366	10:45	62	16:51	335	22:54	62				
9-2	woe	5:01	351	11:20	80	17:29	330	23:33	82				
10-2	don	5:44	337	12:02	99	18:18	325						
11-2	vry			0:23	103	6:44	325	13:01	117	19:21	324		
12-2	zat			1:48	119	7:56	320	14:32	121	20:35	329		

Referentievlak :LAT			<b>Delfzijl</b> LAT=NAP+223		<b>53.3333° N, 6.9333° O</b>						<b>Termunterzijl</b> LAT=NAP+230				<b>53.3058° N, 7.0390° O</b> 00:10				<b>Nieuwe Statenzijl</b> LAT=NAP+260		<b>53.2329° N, 7.20817° O</b>											
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								
13-2	zon				3:13	111	9:25	324	15:43	107	22:00	344			3:23	71,57	9:35	276	15:53	88,03	22:10	283			3:56	177	10:00	358	16:31	173	22:34	377
14-2	maa				4:20	94	10:36	337	16:42	90	22:54	359			4:30	65,85	10:46	278	16:52	79,83	23:04	286			5:02	164	11:21	368	17:33	161	23:39	393
15-2	din	17:56 VM			5:16	75	11:24	347	17:32	75	23:37	371			5:26	59,85	11:34	280	17:42	72,71	23:47	261			6:07	153	12:10	379	18:30	153		
16-2	woe				6:03	207	12:06	354	18:16	63					6:13	75,33	12:16	282	18:26	67,06			0:24	405	7:02	143	12:51	385	19:20	146		
17-2	don		0:16	379	6:45	46	12:46	358	18:57	52	0:26	288	6:55	50,08	12:56	282	19:07	62,68			1:05	413	7:48	133	13:30	389	20:03	139				
18-2	vry		0:53	385	7:25	35	13:23	360	19:35	43	1:03	289	7:35	46,04	13:33	282	19:45	58,85			1:43	418	8:30	123	14:08	391	20:43	132				
19-2	zat		1:28	389	8:03	28	13:58	360	20:12	38	1:38	289	8:13	42,97	14:08	282	20:22	56,12			2:18	421	9:10	115	14:42	391	21:21	126				
20-2	zon		2:03	390	8:39	28	14:30	358	20:47	37	2:13	289	8:49	42,13	14:40	281	20:57	54,29			2:50	423	9:48	113	15:11	390	21:57	123				
21-2	maa		2:38	389	9:14	33	15:00	355	21:21	38	2:48	289	9:24	43,39	15:10	281	21:31	53,75			3:22	423	10:23	118	15:41	388	22:32	123				
22-2	din	23:32 LK	3:14	384	9:48	41	15:33	352	21:57	41	3:24	288	9:58	46,18	15:43	281	22:07	54,48			4:00	419	10:57	126	16:17	385	23:05	123				
23-2	woe		3:52	376	10:23	50	16:09	349	22:37	46	4:02	287	10:33	49,39	16:19	280	22:47	56,85			4:42	410	11:29	131	16:57	381	23:40	122				
24-2	don		4:34	364	11:05	62	16:53	344	23:25	59	4:44	284	11:15	53,99	17:03	279	23:35					5:27	398	12:04	135	17:45	376					
25-2	vry		5:26	349	11:58	81	17:55	338			5:36	255	12:08	58,18	18:05	278							0:23	125	6:18	383	12:48	142	18:46	371		
26-2	zat				0:29	77	6:46	335	13:11	98	19:21	338			0:39	59,29	6:56	276	13:21	82,93	19:31	280			1:17	136	7:27	369	13:49	155	20:02	372
27-2	zon				1:57	86	8:24	333	14:39	99	20:56	349			2:07	63,34	8:34	276	14:49	83,29	21:06	282			2:33	147	9:06	367	15:13	162	21:34	383
28-2	maa		3:26	73	9:47	343	16:01	84	22:11	368					3:36	58,32	9:57	278	16:11	74,9	22:21	286			4:05	144	10:38	378	16:49	154	23:02	403
1-3	din	18:35 NM	4:48	49	10:56	354	17:12	63	23:11	384					4:58	48,13	11:06	281	17:22	62,86	23:21	290			5:50	125	11:41	390	18:15	134	23:57	420
2-3	woe				5:49	204	11:55	361	18:07	45					5:59	82,45	12:05	283	18:17	52,83					6:53	244	12:34	396	19:11	115		
3-3	don		0:02	393	6:38	13	12:46	362	18:53	34	0:12	290	6:48	32,37	12:56	283	19:03	48,82			0:44	428	7:42	86	13:20	395	19:57	107				
4-3	vry		0:48	396	7:21	11	13:30	361	19:33	27	0:58	291	7:31	33,21	13:40	282	19:43	48,27			1:26	430	8:25	86	14:02	392	20:38	104				
5-3	zat		1:30	395	7:59	14	14:07	359	20:09	23	1:40	290	8:09	36,69	14:17	281	20:19	49			2:06	430	9:04	93	14:39	390	21:14	103				
6-3	zon		2:07	390	8:34	20	14:37	356	20:42	21	2:17	289	8:44	40,32	14:47	281	20:52	48,64			2:44	427	9:38	102	15:12	389	21:45	103				
7-3	maa		2:41	382	9:05	29	15:04	353	21:13	25	2:51	288	9:15	42,97	15:14	281	21:23	48,64			3:20	420	10:05	110	15:41	388	22:11	104				
8-3	din		3:12	370	9:33	42	15:31	348	21:43	35	3:22	286	9:43	45,34	15:41	280	21:53	50,28			3:53	410	10:27	116	16:07	385	22:35	107				
9-3	woe	11:45 EK	3:40	357	10:01	55	15:59	344	22:14	50	3:50	283	10:11	48,27	16:09	280	22:24	54,84			4:23	396	10:50	119	16:35	380	23:04	112				
10-3	don		4:09	344	10:30	69	16:29	338	22:48	67	4:19	281	10:40	53,43	16:39	278	22:58	62,86			4:53	382	11:20	124	17:08	373	23:38	121				
11-3	vry		4:46	331	11:05	85	17:15	331	23:31	88	4:56	278	11:15	60,97	17:25	277	23:41					5:29	368	11:56	133	17:52	364					
12-3	zat		5:42	317	11:52	106	18:25	325			5:52	252	12:02	68,64	18:35	276							0:19	135	6:17	353	12:39	148	19:35	358		
13-3	zon				0:29	111	7:07	308	13:03	126	19:46	326			0:39	70,59	7:17	273	13:13	97,7	19:56	280			1:09	155	8:13	345	13:35	168	20:50	365
14-3	maa				2:22	117	8:35	313	15:03	118	21:16	338			2:32	75,47	8:45	275	15:13	96,79	21:26	283			2:25	172	9:24	354	15:31	178	21:58	380
15-3	din		3:43	93	10:05	329	16:10	93	22:24	356					3:53	67,52	10:15	278	16:20	82,2	22:34	287			4:26	156	10:34	368	17:02	155	23:04	398
16-3	woe		4:44	67	11:01	345	17:04	71	23:12	370					4:54	56,92	11:11	281	17:14	69,43	23:22	290			5:32	135	11:37	384	18:01	137	23:56	414
17-3	don	08:18 VM	5:34	45	11:47	355	17:51	53	23:54	379					5:44	48,27	11:57	283	18:01	60,31	0:04				6:31	118	12:25	395	18:52	124		
18-3	vry				6:18	204	12:29	360	18:34	40					6:28	66,27	12:39	283	18:44	53,93			0:39	423	7:20	103	13:08	401	19:38	113		
19-3	zat		0:33	384	7:00	18	13:08	362	19:15	29	0:43	289	7:10	37,39	13:18	283	19:25	48,82			1:20	428	8:04	92	13:49	402	20:20	103				
20-3	zon		1:10	387	7:40	13	13:44	362	19:53	23	1:20	289	7:50	35,02	13:54	283	20:03	44,99			1:56	428	8:45	86	14:24	401	20:59	96				
21-3	maa		1:46	386	8:17	15	14:14	361	20:30	22	1:56	289	8:27	35,02	14:24	283	20:40	43,17			2:29	427	9:23	87	14:49	399	21:37	94				
22-3	din		2:20	383	8:53	23	14:41	360	21:06	24	2:30	289	9:03	37,39	14:51	283	21:16	43,35			3:00	424	10:00	95	15:10	399	22:12	96				
23-3	woe		2:56	377	9:27	34	15:13	360	21:41	29	3:06	288	9:37	41,44	15:23	283	21:51	45,72			3:37	418	10:33	105	15:46	400	22:46	99				
24-3	don	06:37 LK	3:35	368	10:02	46	15:53	358	22:21	38	3:45	286	10:12	46,04	16:03	282	22:31	50,28			4:20	408	11:05	113	16:33	397	23:21	102				
25-3	vry		4:22	354	10:42	63	16:44	352	23:10	54	4:32	283	10:52	52,04	16:54	281	23:20					5:10	394	11:37	119	17:31	392					
26-3	zat		5:24	337	11:36	85	17:51	345			5:34	253	11:46	56,92	18:01	278							0:03	108	6:12	378	12:21	129	18:40	387		
27-3	zon				0:18	74	7:46	325	13:55	104	20:15	344			0:28	56,78	7:56	275	14:05	83,84	20:25	282			0:59	122	8:32	368	14:25	145	20:57	388
28-3	maa				2:51	78	9:16	325	15:29	99	21:44	354			3:01	58,45	9:26	275	15:39	81,47	21:54	284			3:23	132	10:01	370	16:02	149	22:29	399
29-3	din		4:18	59	10:39	336	16:49	76	22:57	370					4:28	51,06	10:49	278	16:59	69,07	23:07	289			5:02	118	11:24	382	17:36	130	23:43	416
30-3	woe				5:32	34	11:48	348	17:55	53	23:55	382			5:42	40,04	11:58	281	18:05	55,75	0:05				6:28	94	12:26	394	18:50	107		
31-3	don	08:24 NM			6:29	16	12:44	355	18:47	38					6:39	32,09	12:54	283	18:57	47,55			0:36	428	7:28	75	13:15	399	19:45	92		
1-4	vry		0																													





Referentievlak :LAT datum dag maanstand		Delfzijl LAT=NAP+223		53.3333° N, 6.9333° O							Termunterzijl LAT=NAP+230				53.30580° N, 7.03908° O 00:10					Nieuwe Statenzijl LAT=NAP+260		53.23292° N, 7.20817° O										
		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			
30-5	maa	0:38	362	6:58	46	13:04	357	19:20	48				0:48	285	7:08	40,32	13:14	282	19:30	49,37				1:12	418	7:48	84	13:39	411	20:08	88	
31-5	din	1:13	359	7:34	52	13:34	364	19:56	49				1:23	284	7:44	42,13	13:44	284	20:06	49,92				1:48	417	8:24	91	14:09	420	20:45	93	
1-6	woe	1:47	357	8:06	54	14:06	370	20:29	49				1:57	285	8:16	43,25	14:16	286	20:39	50,28				2:23	414	8:55	97	14:41	426	21:17	98	
2-6	don	2:22	352	8:36	55	14:40	371	21:01	51				2:32	285	8:46	45,2	14:50	287	21:11	52,1				2:58	407	9:23	100	15:16	426	21:47	102	
3-6	vry	2:57	345	9:06	57	15:15	369	21:33	56				3:07	284	9:16	47,57	15:25	287	21:43	57,03				3:31	398	9:53	105	15:51	422	22:19	108	
4-6	zat	3:33	336	9:36	61	15:49	365	22:04	62				3:43	283	9:46	51,48	15:59	287	22:14	62,68				4:07	389	10:21	109	16:26	417	22:50	112	
5-6	zon	4:10	328	10:07	66	16:27	360	22:38	67				4:20	281	10:17	55,11	16:37	286	22:48	66,15				4:47	382	10:49	110	17:06	414	23:23	112	
6-6	maa 16:48 EK	4:51	322	10:44	70	17:09	355	23:19	69				5:01	280	10:54	56,78	17:19	285	23:29				5:31	377	11:24	108	17:50	411				
7-6	din	5:39	316	11:29	76	17:57	352						5:49	254	11:39	76,73	18:07	282						0:04	245	6:19	373	12:12	108	18:37	409	
8-6	woe			0:09	71	6:35	314	12:23	83	18:52	350				0:19	52,74	6:45	277	12:33	70,52	19:02	288		0:56	108	7:09	370	13:11	111	19:26	405	
9-6	don			1:10	71	7:45	316	13:27	87	20:01	351				1:20	52,46	7:55	277	13:37	70,89	20:11	287		1:57	106	8:07	367	14:15	113	20:20	402	
10-6	vry			2:19	65	8:54	323	14:40	84	21:13	357				2:29	49,67	9:04	278	14:50	69,43	21:23	287		3:04	102	9:38	371	15:23	111	21:54	402	
11-6	zat			3:27	53	9:59	335	15:52	72	22:18	364				3:37	45,2	10:09	280	16:02	64,51	22:28	288		4:14	92	10:43	383	16:35	104	23:05	411	
12-6	zon			4:30	42	10:59	348	16:57	59	23:17	371				4:40	41,16	11:09	282	17:07	58,31	23:27	261		5:17	84	11:40	395	17:39	96			
13-6	maa 13:52 VM			5:29	36	11:55	360	17:59	47						5:39	40,32	12:05	284	18:09	53,56				0:00	417	6:16	84	12:35	406	18:41	95	
14-6	din	0:14	374	6:27	34	12:47	370	18:58	38				0:24	287	6:37	39,48	12:57	285	19:08	49,92				0:54	420	7:19	90	13:27	415	19:52	96	
15-6	woe	1:08	373	7:22	35	13:35	377	19:53	29				1:18	287	7:32	40,46	13:45	286	20:03	44,99				1:46	418	8:21	96	14:15	422	20:53	92	
16-6	don	2:00	369	8:12	36	14:21	382	20:43	22				2:10	286	8:22	41,02	14:31	287	20:53	40,8				2:37	413	9:13	99	14:59	426	21:44	87	
17-6	vry	2:50	363	8:59	37	15:07	385	21:30	18				3:00	285	9:09	41,3	15:17	288	21:40	38,43				3:26	406	10:00	100	15:42	430	22:32	82	
18-6	zat	3:40	357	9:44	39	15:53	388	22:17	18				3:50	283	9:54	42,97	16:03	289	22:27	38,97				4:15	399	10:45	100	16:27	434	23:17	78	
19-6	zon	4:31	350	10:29	43	16:41	389	23:04	21				4:41	282	10:39	44,5	16:51	289	23:14					5:03	394	11:28	97	17:15	436			
20-6	0-1 05:11 LK	5:22	345	11:15	48	17:33	387	23:53	28				5:32	255	11:25	43,95	17:43	286	0:03						0:02	78	5:54	390	12:11	96	18:06	435
21-6	din	6:15	340	12:04	55	18:29	382						6:25	233	12:14	65,01	18:39	281							0:47	242	6:47	386	12:55	96	19:01	430
22-6	woe			0:46	38	7:11	335	12:59	65	19:27	375				0:56	41,99	7:21	278	13:09	62,32	19:37	291		1:34	84	7:43	381	13:44	99	20:00	421	
23-6	don			1:44	47	8:10	332	14:02	72	20:29	367				1:54	44,09	8:20	278	14:12	63,96	20:39	289		2:26	90	8:39	377	14:42	104	21:01	413	
24-6	vry			2:44	54	9:15	332	15:08	74	21:35	361				2:54	45,76	9:25	278	15:18	63,59	21:45	288		3:24	95	9:36	376	15:48	105	22:02	406	
25-6	zat			3:46	58	10:20	336	16:13	72	22:39	357				3:56	46,32	10:30	278	16:23	61,59	22:49	286		4:25	95	10:44	378	16:50	102	23:09	402	
26-6	zon			4:45	60	11:14	344	17:15	68	23:32	356				4:55	45,2	11:24	280	17:25	58,85	23:42	258		5:22	95	11:57	388	17:49	100			
27-6	maa			5:41	61	12:00	353	18:10	64						5:51	45,48	12:10	281	18:20	57,03				0:09	402	6:18	96	12:43	399	18:46	101	
28-6	din 04:52 NM	0:17	354	6:28	63	12:38	361	18:57	62				0:27	283	6:38	47,71	12:48	283	19:07	57,03				0:56	402	7:10	100	13:20	410	19:40	104	
29-6	woe	0:56	353	7:09	64	13:14	369	19:37	61				1:06	283	7:19	48,55	13:24	285	19:47	58,49				1:36	402	7:56	105	13:54	419	20:25	110	
30-6	don	1:33	351	7:46	64	13:49	374	20:14	60				1:43	283	7:56	50,92	13:59	287	20:24	59,58				2:13	400	8:36	112	14:29	424	21:05	114	
1-7	vry	2:09	349	8:20	63	14:24	376	20:49	59				2:19	284	8:30	51,48	14:34	288	20:59	61,04				2:48	396	9:14	117	15:05	425	21:43	117	
2-7	zat	2:46	346	8:54	62	15:00	377	21:24	59				2:56	284	9:04	53,15	15:10	288	21:34	63,05				3:23	392	9:49	120	15:40	424	22:19	119	
3-7	zon	3:22	342	9:27	64	15:35	375	21:58	61				3:32	283	9:37	55,25	15:45	288	22:08	65,05				3:59	388	10:22	123	16:15	424	22:55	119	
4-7	maa	4:00	337	10:00	66	16:12	372	22:31	64				4:10	282	10:10	56,92	16:22	287	22:41	65,97				4:36	386	10:53	123	16:52	423	23:30	119	
5-7	din	4:38	332	10:34	67	16:51	368	23:08	64				4:48	280	10:44	56,64	17:01	286	23:18					5:16	384	11:26	120	17:32	422			
6-7	woe 04:14 EK	5:19	327	11:14	68	17:32	364	23:50	63				5:29	254	11:24	54,83	17:42	283	0:00	62,68					0:06	116	5:58	380	12:08	115	18:14	418
7-7	don	6:01	323	12:00	70	18:15	360						6:11	254	12:10	71,85	18:25	282							0:47	246	6:41	375	12:56	111	18:58	412
8-7	vry			0:39	64	6:48	322	12:54	74	19:06	356				0:49	50,22	6:58	277	13:04	66,33	19:16	287		1:34	107	7:27	370	13:49	110	19:45	404	
9-7	zat			1:37	65	7:53	324	13:57	79	20:18	354				1:47	50,36	8:03	277	14:07	69,07	20:28	286		2:28	107	8:21	368	14:48	112	20:42	397	
10-7	zon			2:44	66	9:09	332	15:10	78	21:39	356				2:54	51,9	9:19	278	15:20	69,98	21:49	286		3:30	107	9:40	373	15:55	113	22:08	396	
11-7	maa			3:52	62	10:20	345	16:23	70	22:49	363				4:02	51,2	10:30	280	16:33	66,51	22:59	287		4:37	106	10:56	386	17:04	111	23:28	402	
12-7	din 20:37 VM			4:58	58	11:25	361	17:34	60	23:53	368				5:08	49,39	11:35	283	17:44	61,77	0:03	260		5:40	107	12:05	402	18:10	111			
13-7	woe			6:04	207	12:24	376	18:43	47						6:14	69,75	12:34	286	18:53	56,3				0:35	407	6:47	114	13:06	417	19:41	112	
14-7	don	0:54	371	7:07	50	13:18	387	19:42	34				1:04	286	7:17	46,6	13:28	288	19:52	48,27				1:34	409	8:08	115	13:58	428	20:46	99	
15-7	vry	1:51	369	8:00	45	14:09	394	20:34	22				2:01	285	8:10	45,34	14:19	289	20:44	41,34				2:28	407	9:05	111	14:45	434	21:37	87	
16-7	zat	2:46	366	8:48																												

Referentievlak :LAT		Delfzijl LAT=NAP+223		53.3333° N, 6.9333° O				Termunterzijl LAT=NAP+230				53.30580° N, 7.03908° O 00:10		Nieuwe Statenzijl LAT=NAP+260		53.23292° N, 7.20817° O											
datum	dag maanstand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm						
22-7	vry			1:00	62	7:22	332	13:14	76	19:42	356	1:10	49,67	7:32	278	13:24	65,97	19:52	286	1:42	105	8:01	375	13:54	110	20:23	400
23-7	zat			1:55	79	8:13	329	14:17	91	20:42	345	2:05	53,85	8:23	277	14:27	71,44	20:52	284	2:27	118	8:52	372	14:48	124	21:20	389
24-7	zon			2:58	90	9:19	330	15:29	96	21:57	341	3:08	58,18	9:29	277	15:39	73,81	22:07	283	3:30	128	9:44	374	16:06	131	22:19	383
25-7	maa			4:04	92	10:34	340	16:38	92	23:05	343	4:14	58,45	10:44	279	16:48	71,8	23:15	283	4:41	128	10:44	381	17:13	128	23:43	383
26-7	din			5:06	87	11:30	353	17:42	82	23:57	348	5:16	57,06	11:40	281	17:52	67,97	0:07		5:43	123	12:14	394	18:15	125		
27-7	woe	19:55	NM	6:01	80	12:16	364	18:35	73			6:11	55,8	12:26	284	18:45	65,6	0:43	389	6:41	121	12:59	408	19:17	123		
28-7	don	0:41	350	6:48	74	12:55	372	19:19	67	0:51	283	6:58	54,97	13:05	286	19:29	64,87	1:24	392	7:36	121	13:36	417	20:10	122		
29-7	vry	1:19	351	7:28	70	13:32	378	19:57	62	1:29	283	7:38	54,69	13:42	288	20:07	64,14	2:00	393	8:23	123	14:13	424	20:54	121		
30-7	zat	1:56	352	8:06	65	14:07	381	20:34	57	2:06	284	8:16	53,99	14:17	289	20:44	62,5	2:36	394	9:05	123	14:50	428	21:33	117		
31-7	zon	2:33	352	8:42	61	14:42	383	21:10	53	2:43	284	8:52	53,29	14:52	289	21:20	60,68	3:11	395	9:44	122	15:25	430	22:12	112		
1-8	maa	3:10	350	9:16	59	15:17	384	21:45	53	3:20	284	9:26	54,13	15:27	289	21:55	59,95	3:47	395	10:21	120	16:00	432	22:49	109		
2-8	din	3:44	347	9:49	60	15:51	382	22:18	56	3:54	283	9:59	54,13	16:01	288	22:28	60,49	4:21	394	10:56	119	16:34	431	23:24	111		
3-8	woe	4:17	342	10:22	61	16:26	377	22:50	59	4:27	282	10:32	52,87	16:36	287	23:00	61,41	4:56	391	11:28	119	17:10	428	23:57	114		
4-8	don	13:07	EK	4:50	338	10:56	62	17:03	372	5:00	281	11:06	52,74	17:13	287	23:36		5:32	387	12:01	117	17:49	422				
5-8	vry	5:24	334	11:36	63	17:41	365			5:34	255	11:46	70,87	17:51	283					0:31	246	6:10	381	12:38	113	18:31	413
6-8	zat			0:08	66	6:02	332	12:23	69	18:26	357	0:18	53,01	6:12	278	12:33	65,97	18:36	287	1:08	115	6:52	376	13:22	112	19:17	402
7-8	zon			0:59	75	6:55	331	13:21	80	19:32	348	1:09	56,08	7:05	278	13:31	71,62	19:42	285	1:53	118	7:43	373	14:15	118	20:12	390
8-8	maa			2:03	86	8:18	334	14:36	89	21:09	346	2:13	60,13	8:28	278	14:46	77,09	21:19	283	2:49	126	8:52	375	15:20	127	21:33	384
9-8	din			3:21	90	9:49	346	16:00	84	22:30	354	3:31	63,06	9:59	280	16:10	75,27	22:40	285	3:59	133	10:17	386	16:38	129	23:12	390
10-8	woe			4:37	83	11:03	366	17:21	70	23:41	364	4:47	59,29	11:13	284	17:31	68,15	23:51	259	5:13	133	11:48	405	17:57	127		
11-8	don	03:36	VM	5:52	72	12:06	384	18:35	49			6:02	54,83	12:16	287	18:45	56,85	0:24	401	6:43	132	12:50	424	19:38	112		
12-8	vry	0:44	370	6:56	58	13:02	397	19:32	31	0:54	286	7:06	49,67	13:12	290	19:42	45,54	1:23	408	8:01	119	13:41	437	20:36	91		
13-8	zat	1:42	372	7:49	46	13:54	403	20:21	19	1:52	286	7:59	44,78	14:04	291	20:31	38,97	2:15	408	8:53	106	14:28	444	21:24	78		
14-8	zon	2:37	370	8:34	38	14:43	405	21:04	15	2:47	286	8:44	42,41	14:53	292	21:14	38,43	3:03	405	9:39	97	15:12	445	22:07	74		
15-8	maa	3:26	366	9:16	32	15:28	403	21:45	17	3:36	285	9:26	42,13	15:38	291	21:55	41,53	3:48	401	10:20	91	15:54	445	22:47	75		
16-8	din	4:08	360	9:55	30	16:10	397	22:23	26	4:18	284	10:05	42,83	16:20	290	22:33	47,18	4:30	397	10:58	88	16:36	441	23:24	83		
17-8	woe	4:44	354	10:32	34	16:49	387	23:00	41	4:54	282	10:42	43,53	16:59	289	23:10	53,56	5:10	393	11:32	89	17:18	433	23:56	94		
18-8	don	06:36	LK	5:17	347	11:08	44	17:26	373	5:27	281	11:18	45,76	17:36	286	23:45		5:49	389	12:03	95	18:00	419				
19-8	vry	5:50	340	11:44	61	18:04	358			6:00	255	11:54	70,45	18:14	282					0:25	245	6:29	383	12:33	104	18:43	403
20-8	zat			0:10	80	6:28	334	12:24	82	18:47	342	0:20	55,25	6:38	278	12:34	68,52	18:57	284	0:53	117	7:16	377	13:07	117	19:35	385
21-8	zon			0:52	102	7:15	329	13:13	106	19:43	330	1:02	61,66	7:25	278	13:23	78,55	19:53	281	1:29	131	8:10	372	13:50	135	20:39	372
22-8	maa			1:50	122	8:15	328	14:36	123	20:56	324	2:00	69,75	8:25	277	14:46	88,22	21:06	280	2:16	149	9:07	372	14:48	157	21:40	367
23-8	din			3:20	127	9:40	334	16:02	118	22:35	330	3:30	74,08	9:50	279	16:12	88,94	22:45	281	3:31	165	10:07	379	16:38	161	22:49	369
24-8	woe			4:34	114	11:01	350	17:13	100	23:37	342	4:44	70,87	11:11	282	17:23	81,1	23:47	258	5:14	155	11:27	391	17:47	147		
25-8	don			5:35	96	11:53	366	18:10	82			5:45	63,62	12:03	286	18:20	73,26	0:22	381	6:17	141	12:32	408	18:52	135		
26-8	vry	10:17	NM	6:24	82	12:35	376	18:55	69	0:34	284	6:34	58,87	12:45	288	19:05	67,42	1:06	391	7:14	131	13:14	421	19:47	124		
27-8	zat	1:04	356	7:07	72	13:12	382	19:35	59	1:14	285	7:17	55,25	13:22	290	19:45	62,68	1:41	398	8:03	125	13:52	430	20:32	115		
28-8	zon	1:41	359	7:46	64	13:47	386	20:12	51	1:51	285	7:56	53,29	13:57	290	20:22	58,67	2:18	402	8:46	119	14:30	435	21:12	107		
29-8	maa	2:18	359	8:23	57	14:21	388	20:49	46	2:28	285	8:33	51,48	14:31	290	20:59	55,02	2:55	405	9:26	113	15:06	438	21:51	99		
30-8	din	2:53	359	8:59	54	14:55	388	21:24	47	3:03	285	9:09	49,11	15:05	290	21:34	54,11	3:31	406	10:04	109	15:40	438	22:29	97		
31-8	woe	3:25	355	9:32	54	15:27	385	21:57	52	3:35	284	9:42	49,11	15:37	289	22:07	56,3	4:03	403	10:39	109	16:11	435	23:04	103		
1-9	don	3:51	351	10:04	57	15:59	380	22:28	60	4:01	284	10:14	49,95	16:09	288	22:38	60,49	4:31	399	11:13	112	16:45	430	23:37	113		
2-9	vry	20:08	EK	4:19	348	10:37	59	16:35	373	4:29	283	10:47	50,64	16:45	287	23:11		5:01	396	11:45	115	17:22	422				
3-9	zat	4:51	346	11:13	63	17:14	364	23:38	76	5:01	257	11:23	70,87	17:24	284	23:48	67,61			0:08	246	5:38	393	12:18	115	18:05	411
4-9	zon	5:32	344	11:57	72	18:02	352			5:42	256	12:07	56,36	18:12	282					0:40	123	6:23	389	12:57	117	18:54	397
5-9	maa			0:26	90	6:29	340	12:54	88	19:16	339	0:36	60,97	6:39	280	13:04	75,81	19:26	283	1:20	128	7:20	384	13:47	125	19:57	383
6-9	din			1:31	109	7:54	339	14:16	102	20:56	337	1:41	68,08	8:04	279	14:26	83,84	21:06	282	2:14	140	8:33	384	14:54	139	21:32	378
7-9	woe			3:01	115	9:31	351	15:50	93	22:20	347	3:11	72,13	9:41	281	16:00	80,74	22:30	284	3:29	153	10:06	394	16:24	142	23:04	388
8-9	don			4:27	101	10:48	372	17:14	70	23:32	361	4:37	66,82	10:58	286	17:24	68,7	23:42	259	5:02	149	11:33	416	18:06	127		
9-9	vry	11:59	VM	5:42	79	11:50	391	18:22	45			5:52	58,59	12:00	290	18:32	53,75	0:13	402	6:39	132	12:33	435	19:24	100		
10-9	zat	0:34	369	6:42	59	12:44	402	19:16	29	0:44	287	6:52	50,08	12:54	292	19:26	44,08	1:09</									





Referentievlak :LAT		Delfzijl		53.3333° N, 6.9333° O						Termunterzijl			53.30580° N, 7.03908° O				Nieuwe Statenzijl		53.23292° N, 7.20817° O												
datum	dag	LAT=NAP+223								LAT=NAP+230		00:10		LAT=NAP+260																	
	maanstand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm								
5-11	zat			2:50	100	9:11	381	15:32	61	22:05	354			3:00	66,41	9:21	289	15:42	62,14	22:15	287			3:34	141	9:53	429	16:20	113	22:43	399
6-11	zon			3:57	80	10:12	388	16:33	51	23:01	361			4:07	58,18	10:22	291	16:43	55,2	23:11	288			4:43	123	10:52	436	17:26	102	23:37	405
7-11	maa	12:02	VM	4:56	66	11:03	389	17:25	49	23:44	363			5:06	52,6	11:13	291	17:35	53,02	23:54	260			5:46	113	11:39	437	18:21	99		
8-11	din			5:45	207	11:45	386	18:09	55					5:55	70,59	11:55	289	18:19	56,12			0:20	408	6:39	109	12:20	436	19:07	105		
9-11	woe	0:18	365	6:27	59	12:22	382	18:47	64	0:28	286	6:37	49,95	12:32	288	18:57	61,22			0:56	411	7:24	111	12:59	434	19:47	116				
10-11	don	0:46	368	7:04	60	12:55	376	19:20	72	0:56	286	7:14	50,78	13:05	287	19:30	65,6			1:28	416	8:03	117	13:36	429	20:20	127				
11-11	vry	1:13	372	7:37	62	13:28	369	19:48	77	1:23	287	7:47	51,48	13:38	286	19:58	68,34			1:56	421	8:35	124	14:11	421	20:44	135				
12-11	zat	1:43	373	8:07	66	14:00	359	20:15	81	1:53	288	8:17	52,87	14:10	284	20:25	71,07			2:24	422	8:59	130	14:41	409	21:03	138				
13-11	zon	2:15	370	8:37	74	14:32	347	20:43	87	2:25	288	8:47	56,36	14:42	283	20:53	76,36			2:53	418	9:24	136	15:09	395	21:30	141				
14-11	maa	2:48	364	9:08	85	15:05	335	21:13	95	2:58	287	9:18	61,8	15:15	281	21:23	83,47			3:27	412	9:54	143	15:44	383	22:01	145				
15-11	din	14:27	LK	3:23	357	9:41	96	15:44	325	3:33	286	9:51	67,8	15:54	279	21:57	89,67			4:05	405	10:27	150	16:26	374	22:33	147				
16-11	woe	4:05	350	10:19	107	16:33	316	22:28	114	4:15	285	10:29	72,26	16:43	277	22:38	94,6			4:50	398	11:04	154	17:15	366	23:13	151				
17-11	don	4:57	343	11:08	116	17:40	311	23:23	126	5:07	284	11:18	75,05	17:50	276	23:33					5:39	393	11:51	159	18:09	361					
18-11	vry	6:05	341	12:12	122	19:01	315			6:15	258	12:22	75,75	19:11	279							0:06	160	6:32	390	12:52	165	19:42	360		
19-11	zat			0:32	134	7:25	346	13:36	113	20:14	326			0:42	81,19	7:35	283	13:46	90,04	20:24	282			1:11	168	8:17	390	14:10	162	21:00	372
20-11	zon			2:01	126	8:35	357	14:49	92	21:20	341			2:11	77,98	8:45	285	14:59	79,1	21:30	285			2:29	168	9:30	403	15:35	145	22:01	386
21-11	maa			3:14	104	9:36	370	15:47	71	22:17	355			3:24	69,06	9:46	287	15:57	67,97	22:27	287			3:56	153	10:27	416	16:38	128	22:59	399
22-11	din	23:57	NM	4:12	84	10:28	379	16:40	58	23:06	366			4:22	60,97	10:38	288	16:50	61,77	23:16	289			4:59	138	11:18	424	17:35	120	23:52	408
23-11	woe			5:06	208	11:17	384	17:31	52	23:51	372			5:16	91,66	11:27	288	17:41	59,58	0:01	261			5:57	248	12:06	428	18:31	120		
24-11	don			5:57	59	12:04	385	18:19	51					6:07	53,01	12:14	288	18:29	59,76			0:40	413	6:54	130	12:51	426	19:23	124		
25-11	vry	0:32	376	6:45	52	12:48	381	19:05	54	0:42	288	6:55	50,5	12:58	287	19:15	61,04			1:23	414	7:46	128	13:34	420	20:09	130				
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27-11	zon	1:48	381	8:15	48	14:13	368	20:30	66	1:58	289	8:25	48,27	14:23	284	20:40	66,69			1:43	417	9:19	128	14:56	404	21:34	141				
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8-12	don			6:03	208	11:59	369	18:20	76					6:13	72,26	12:09	284	18:30	67,61			0:35	405	6:57	128	12:44	413	19:17	136		
9-12	vry	0:16	371	6:43	69	12:33	365	18:54	80	0:26	286	6:53	53,57	12:43	284	19:04	70,89			1:07	412	7:40	135	13:21	409	19:52	146				
10-12	zat	0:47	377	7:18	70	13:06	361	19:24	81	0:57	287	7:28	55,25	13:16	284	19:34	73,26			1:36	417	8:15	145	13:55	401	20:20	153				
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15-12	don	09:56	LK	3:45	362	10:02	93	16:11	325	3:55	287	10:12	68,22	16:21	278	22:18	86,39			4:29	405	10:49	163	16:53	370	22:48	155				
16-12	vry	4:28	357	10:45	94</																										

Referentievlak :LAT			<b>Delfzijl</b> LAT=NAP+223				<b>53.3333° N, 6.9333° O</b>				<b>Termunterzijl</b> LAT=NAP+230				<b>53.30580° N, 7.03908° O</b> 00:10				<b>Nieuwe Statenzijl</b> LAT=NAP+260				<b>53.23292° N, 7.20817° 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				
28-12	woe		3:09	394	9:40	36	15:49	353	21:51	60																		
29-12	don	02:20 EK	3:59	392	10:28	42	16:41	346	22:38	65	3:19	290	9:50	45,48	15:59	280	22:01	67,61	3:50	426	10:44	121	16:28	385	22:54	137		
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31-12	zat		5:50	377	12:10	64	18:30	334			5:03	289	11:27	51,62	17:44	278	23:39		5:31	423	12:13	126	18:14	375				
											6:00	260	12:20	55,8	18:40	280					0:23	136	6:28	414	13:01	133	19:10	370