

# Getijdengegevens 2018

bron: eigen berekeningen

bron: gezeiten-kalender.de /bsh.de

**Nieuwe Statenzijl** 53.23292° N, 7.20817° O  
LAT=NAP-260

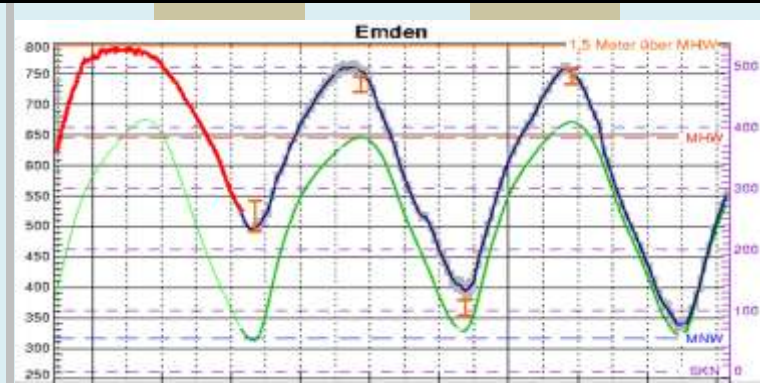
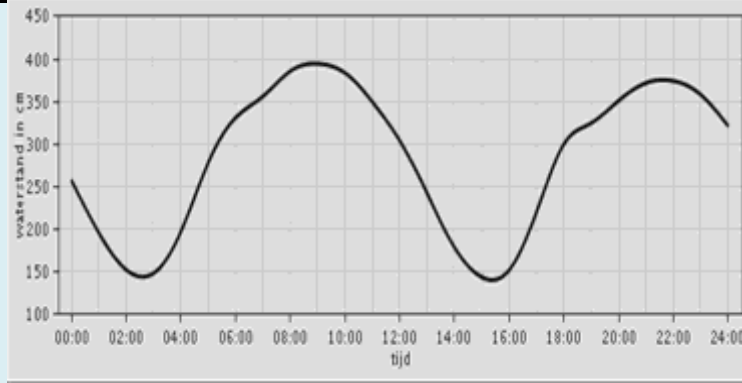
**Emden, Neue Seeschleuse** 53.3369° N, 7.1864° O  
LAT=NAP-230

Referentievlak : LAT

datum dag maan stand

HW cm lw cm HW cm lw cm HW cm

HW lw HW lw HW



datum dag maan stand

datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	lw	cm	HW	cm
1-1	maa					5:36	137	11:51	417	18:26	139							
2-1	din			0:20	411	7:01	133	12:49	417	19:31	135							
3-1	woe			1:15	416	8:00	122	13:35	412	20:21	129							
4-1	don			1:55	419	8:48	112	14:28	406	21:06	125							
5-1	vry		20:47 EK	2:46	421	9:33	106	15:16	399	21:47	122							
6-1	zat			3:25	423	10:16	103	15:55	394	22:27	120							
7-1	zon			4:10	424	10:55	105	16:46	389	23:06	120							
8-1	maa			4:56	422	11:33	112	17:24	384	23:43	125							
9-1	din			5:45	415	12:13	121	18:25	378									
10-1	woe					0:20	133	6:40	405	12:56	133	19:15	372					
11-1	don					1:11	145	7:41	393	13:46	145	20:05	367					
12-1	vry		12:34 VM			2:15	158	8:25	382	15:06	152	20:59	367					
13-1	zat					3:38	157	10:00	377	16:06	149	23:07	375					
14-1	zon					4:40	152	11:26	382	17:05	146	23:46	388					
15-1	maa					5:46	149	12:06	386	18:12	145							
16-1	din			0:20	398	6:41	149	12:41	388	18:59	147							
17-1	woe			0:56	406	7:26	151	13:11	390	19:42	150							
18-1	don			1:26	413	8:08	151	13:40	392	20:23	151							
19-1	vry		23:13 LK	2:01	419	8:46	149	14:16	393	20:56	150							
20-1	zat			2:36	421	9:23	148	14:46	393	21:26	149							
21-1	zon			3:06	421	9:56	148	15:21	391	21:56	147							
22-1	maa			3:46	419	10:26	150	15:56	387	22:21	143							
23-1	din			4:16	416	10:56	149	16:36	381	22:56	138							
24-1	woe			4:56	411	11:32	143	17:16	376	23:42	132							
25-1	don			5:40	405	12:11	138	18:01	372									
26-1	vry					0:32	130	6:31	399	13:02	137	18:56	369					
27-1	zat					1:26	133	7:26	393	14:06	141	20:06	371					
28-1	zon		1:07 NM			2:36	138	8:34	391	15:15	142	21:14	382					

Referentievlak : LAT				Nieuwe Statenzijl LAT=NAP-260								53.23292° N, 7.20817° O				Emden, Neue Seeschleuse LAT=NAP-230				53.3369° N, 7.1864° O			
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm				
29-1	maa					3:44	137	10:26	399	16:25	140	22:50	397			03:28	74	09:57	375	16:07	62	22:38	373
30-1	din					5:05	135	11:36	408	18:06	139					04:40	53	11:07	383	17:15	46	23:36	387
31-1	woe			0:01	413	6:46	123	12:30	413	19:14	127					05:57	31	12:08	389	18:23	32		
1-2	don			0:50	423	7:46	105	13:19	412	20:06	115	00:29	398	07:00	9	13:06	392	19:21	21				
2-2	vry			1:38	428	8:35	93	14:05	407	20:50	107	01:19	404	07:53	0	14:03	390	20:10	17				
3-2	zat			2:19	430	9:16	87	14:55	402	21:31	102	02:07	405	08:39	0	14:54	383	20:55	21				
4-2	zon	5:19	EK	3:02	431	9:56	88	15:36	398	22:09	100	02:52	403	09:22	8	15:34	375	21:36	31				
5-2	maa			3:48	429	10:34	94	16:18	394	22:46	102	03:32	398	10:01	24	16:05	368	22:14	42				
6-2	din			4:25	422	11:06	103	16:56	387	23:16	110	04:11	392	10:39	38	16:39	363	22:51	50				
7-2	woe			5:09	411	11:36	115	17:46	379	23:46	119	04:53	385	11:16	49	17:20	361	23:30	56				
8-2	don			6:06	395	12:08	128	18:25	371			05:40	376	11:57	58	18:08	357						
9-2	vry					0:20	133	6:45	380	12:45	143	19:21	366	00:16	64	06:33	365	12:45	69	19:01	352		
10-2	zat					1:06	151	7:34	368	13:46	160	20:17	365	01:12	74	07:35	354	13:45	82	20:05	350		
11-2	zon	1:33	VM			2:15	168	8:40	364	15:21	166	21:03	370	02:19	81	08:48	349	14:56	89	21:23	356		
12-2	maa					4:00	161	10:10	365	16:30	153	22:40	381	03:38	80	10:08	353	16:11	83	22:33	371		
13-2	din					5:06	150	11:35	378	17:30	143	23:35	397	04:49	69	11:14	364	17:10	71	23:27	388		
14-2	woe					6:06	142	12:16	386	18:32	138			05:41	58	11:59	373	17:57	60				
15-2	don			0:26	409	7:01	137	12:46	392	19:16	136	00:07	402	06:25	52	12:33	380	18:38	53				
16-2	vry			1:05	417	7:46	132	13:26	396	19:59	133	00:42	410	07:04	47	13:06	385	19:16	47				
17-2	zat			1:41	423	8:27	127	14:01	400	20:40	128	01:17	413	07:40	42	13:41	387	19:51	43				
18-2	zon	20:33	LK	2:15	427	9:06	120	14:30	402	21:14	122	01:51	412	08:15	37	14:16	385	20:24	41				
19-2	maa			2:51	429	9:41	118	15:06	401	21:48	120	02:23	410	08:48	35	14:46	382	20:55	40				
20-2	din			3:16	428	10:16	121	15:35	398	22:19	120	02:54	408	09:19	36	15:16	378	21:27	38				
21-2	woe			3:56	424	10:46	126	16:05	393	22:52	120	03:28	406	09:52	38	15:48	376	22:01	37				
22-2	don			4:36	417	11:16	130	16:51	387	23:26	118	04:07	402	10:28	42	16:25	373	22:41	39				
23-2	vry			5:21	407	11:52	129	17:35	381			04:48	393	11:08	50	17:05	367	23:26	48				
24-2	zat					0:10	117	6:08	396	12:32	131	18:25	376	05:33	380	11:55	65	17:50	358				
25-2	zon					0:56	123	7:11	386	13:31	139	19:35	376	00:19	64	06:37	365	12:55	82	19:09	349		
26-2	maa	15:58	NM			2:05	132	8:24	382	14:45	146	20:44	384	01:33	79	08:15	357	14:30	87	20:56	351		
27-2	din					3:30	132	10:11	392	16:09	140	22:35	401	03:11	69	09:42	364	15:51	67	22:17	369		
28-2	woe					5:11	123	11:16	404	17:46	128	23:35	418	04:33	46	10:54	378	17:07	46	23:18	389		
1-3	don					6:33	102	12:09	412	18:56	109			05:51	19	11:55	389	18:15	26				
2-3	vry			0:31	429	7:26	83	13:05	412	19:46	96	00:12	402	06:49	0	12:54	393	19:08	14				
3-3	zat			1:16	433	8:15	74	13:45	410	20:30	89	01:02	407	07:37	0	13:50	391	19:54	12				
4-3	zon			1:58	435	8:56	74	14:25	408	21:11	86	01:49	406	08:20	1	14:35	385	20:35	18				
5-3	maa	12:32	EK	2:41	434	9:34	79	15:05	406	21:46	86	02:29	401	08:58	14	15:01	378	21:11	25				
6-3	din			3:20	430	10:07	88	15:46	402	22:16	90	03:03	395	09:32	26	15:25	376	21:44	30				
7-3	woe			4:06	419	10:36	99	16:15	396	22:41	98	03:38	388	10:04	34	15:57	375	22:17	34				
8-3	don			4:36	404	10:55	110	16:50	388	23:09	106	04:15	381	10:35	42	16:35	373	22:50	41				
9-3	vry			5:06	389	11:26	119	17:14	380	23:40	117	04:54	371	11:09	55	17:16	369	23:29	55				
10-3	zat			5:35	375	12:01	129	18:00	372			05:39	360	11:50	75	18:03	363						
11-3	zon					0:22	132	6:14	363	12:46	144	19:36	368	00:18	75	06:34	351	12:42	101	18:59	360		

Referentievlak : LAT				Nieuwe Statenzijl LAT=NAP-260								Emden, Neue Seeschleuse LAT=NAP-230											
				53.23292° N, 7.20817° O								53.3369° N, 7.1864° O											
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm				
12-3	maa		15:54 VM			1:09	151	8:06	357	13:40	161	20:41	374			01:20	96	07:39	347	13:53	120	20:10	363
13-3	din					2:50	165	9:09	363	15:56	161	21:45	385			02:42	105	08:58	351	15:25	115	21:38	376
14-3	woe					4:26	145	10:24	375	17:01	139	22:54	401			04:09	91	10:29	365	16:35	91	22:48	396
15-3	don					5:31	128	11:36	390	17:57	127	23:56	415			05:08	69	11:25	378	17:26	68	23:37	409
16-3	vry					6:26	117	12:26	399	18:50	119					05:55	52	12:07	385	18:10	51		
17-3	zat			0:37	423	7:18	110	12:55	405	19:33	113			00:17	412	06:36	40	12:45	387	18:50	40		
18-3	zon			1:16	428	7:59	103	13:41	409	20:16	105			00:54	409	07:14	31	13:22	386	19:27	32		
19-3	maa			1:56	431	8:41	95	14:19	410	20:54	98			01:29	406	07:50	24	13:55	384	20:02	26		
20-3	din		16:58 LK	2:32	432	9:18	93	14:51	409	21:32	94			02:01	405	08:24	20	14:25	385	20:36	22		
21-3	woe			2:56	430	9:54	97	15:05	407	22:06	95			02:33	406	08:58	21	14:53	387	21:09	20		
22-3	don			3:24	425	10:28	106	15:46	404	22:38	99			03:09	406	09:31	26	15:28	388	21:44	22		
23-3	vry			4:16	416	11:00	115	16:26	399	23:13	102			03:50	400	10:06	35	16:07	385	22:23	29		
24-3	zat			5:06	404	11:32	119	17:25	392	23:52	105			04:34	387	10:44	48	16:51	376	23:06	42		
25-3	zon			6:55	391	13:11	124	19:16	386					06:26	369	12:30	60	18:44	364				
26-3	maa					1:41	112	7:54	380	14:06	135	20:36	385			01:00	60	07:42	353	13:30	87	20:05	354
27-3	din					2:45	122	9:36	379	15:26	142	21:44	393			02:26	70	09:05	348	15:19	92	21:38	357
28-3	woe		4:57 NM			4:19	118	10:55	390	17:06	130	23:26	408			04:04	60	10:33	360	16:39	70	22:59	377
29-3	don					5:56	101	12:00	403	18:29	110					05:26	30	11:42	379	17:56	46		
30-3	vry			0:21	423	7:11	80	12:57	409	19:32	92			00:00	396	06:37	10	12:43	391	19:00	26		
31-3	zat			1:09	430	8:06	67	13:40	411	20:24	83			00:52	407	07:31	0	13:42	394	19:51	16		
1-4	zon			1:50	432	8:51	66	14:19	411	21:06	80			01:40	407	08:17	0	14:32	390	20:34	18		
2-4	maa			2:36	432	9:31	72	14:54	412	21:46	80			02:22	401	08:57	10	15:02	384	21:12	22		
3-4	din		20:39 EK	3:12	431	10:07	81	15:35	414	22:21	82			02:57	395	09:31	20	15:19	384	21:45	24		
4-4	woe			3:49	425	10:38	90	16:15	413	22:50	87			03:31	390	10:01	20	15:49	388	22:15	25		
5-4	don			4:36	413	11:02	98	16:46	407	23:06	93			04:07	385	10:29	30	16:25	391	22:45	28		
6-4	vry			5:05	398	11:18	103	17:16	399	23:36	100			04:44	379	10:58	40	17:02	389	23:18	40		
7-4	zat			5:30	384	11:45	109	17:35	390					05:22	371	11:31	60	17:39	385	23:55	59		
8-4	zon					0:05	108	6:06	372	12:21	114	18:25	383	06:01	362	12:08	80	18:20	381				
9-4	maa					0:46	117	6:56	362	13:01	123	19:24	376			00:37	80	06:49	355	12:52	111	19:11	379
10-4	din					1:36	130	7:55	355	13:56	138	21:06	378			01:29	100	07:52	353	13:49	131	20:19	380
11-4	woe		8:08 VM			2:36	143	9:45	362	15:01	150	22:16	390			02:37	110	09:05	357	15:07	135	21:39	389
12-4	don					4:35	137	10:56	377	17:17	138	23:26	406			04:13	100	10:22	368	16:46	110	22:54	402
13-4	vry					5:46	114	11:56	393	18:11	118					05:25	70	11:35	381	17:46	78	23:54	411
14-4	zat			0:21	420	6:46	101	12:45	405	19:06	108					06:16	50	12:30	390	18:35	55		
15-4	zon			1:06	428	7:42	93	13:36	412	19:59	100			00:42	411	07:01	30	13:16	391	19:18	40		
16-4	maa			1:51	431	8:30	87	14:18	415	20:47	92			01:26	406	07:42	20	13:57	389	19:59	31		
17-4	din			2:31	431	9:14	82	14:58	415	21:32	84			02:05	401	08:21	10	14:34	388	20:38	22		
18-4	woe			3:06	429	9:54	80	15:31	413	22:12	79			02:41	401	08:59	10	15:05	390	21:16	15		
19-4	don		11:57 LK	3:40	425	10:34	85	15:56	412	22:50	80			03:16	403	09:36	10	15:36	395	21:54	12		
20-4	vry			4:16	419	11:10	94	16:14	412	23:26	84			03:55	402	10:13	20	16:12	399	22:32	15		
21-4	zat			5:06	410	11:43	104	17:04	409					04:39	394	10:49	30	16:56	397	23:12	24		
22-4	zon					0:03	90	5:56	399	12:16	111	18:11	405	05:29	379	11:28	40	17:45	388	23:58	40		

Referentievlak : LAT				Nieuwe Statenzijl LAT=NAP-260								53.2329° N, 7.20817° O				Emden, Neue Seeschleuse LAT=NAP-230				53.3369° N, 7.1864° O			
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm				
23-4	maa					0:43	95	6:44	388	13:02	117	19:10	401	06:29	361	12:14	60	18:46	377				
24-4	din					1:32	101	8:06	381	13:59	125	20:20	401			01:00	50	07:39	350	13:24	89	19:59	370
25-4	woe					2:40	106	9:15	382	15:16	129	21:46	405			02:36	60	08:59	351	15:09	85	21:24	376
26-4	don		14:16 NM			4:10	97	10:36	390	16:46	114	23:05	414			03:51	40	10:21	367	16:21	65	22:40	393
27-4	vry					5:30	81	11:46	399	18:01	96	23:56	422			05:06	20	11:28	385	17:36	45	23:40	407
28-4	zat					6:43	69	12:41	405	19:06	84					06:14	0	12:27	394	18:38	27		
29-4	zon			0:46	424	7:37	65	13:26	406	19:57	80			00:31	409	07:07	0	13:21	393	19:29	20		
30-4	maa			1:31	423	8:24	70	14:00	409	20:43	81			01:16	401	07:52	0	14:01	387	20:11	21		
1-5	din			2:16	421	9:06	79	14:41	414	21:22	85			01:53	392	08:30	10	14:20	385	20:47	25		
2-5	woe			2:51	420	9:41	89	15:04	419	21:56	89			02:27	387	09:03	20	14:45	392	21:18	24		
3-5	don		4:47 EK	3:31	415	10:10	96	15:56	420	22:22	93			03:03	387	09:30	20	15:21	401	21:48	23		
4-5	vry			3:55	404	10:26	100	16:20	416	22:40	97			03:43	388	09:59	30	16:01	407	22:20	30		
5-5	zat			4:36	391	10:46	103	16:56	407	23:11	103			04:24	385	10:30	40	16:40	407	22:54	47		
6-5	zon			5:05	378	11:19	106	17:25	398	23:46	109			05:02	378	11:04	70	17:16	403	23:30	69		
7-5	maa			5:35	368	11:51	108	18:11	391					05:40	370	11:38	90	17:53	400				
8-5	din					0:19	112	6:23	361	12:31	111	18:55	385			00:09	80	06:22	364	12:19	110	18:37	399
9-5	woe					1:06	117	7:15	356	13:22	119	20:10	382			00:56	90	07:18	362	13:09	119	19:38	399
10-5	don		23:43 VM			2:06	122	9:16	360	14:25	128	21:41	392			01:53	100	08:29	366	14:10	119	20:54	402
11-5	vry					3:19	120	10:16	375	15:46	128	22:45	406			03:03	90	09:38	375	15:29	108	22:05	409
12-5	zat					4:45	104	11:16	391	17:16	113	23:45	418			04:27	70	10:46	386	16:53	82	23:08	413
13-5	zon					5:50	89	12:16	404	18:16	101					05:29	40	11:48	395	17:52	58		
14-5	maa			0:35	426	6:56	85	13:06	412	19:16	96			00:04	412	06:20	30	12:42	397	18:42	42		
15-5	din			1:26	428	7:56	82	13:56	416	20:16	89			00:54	407	07:07	20	13:28	396	19:28	31		
16-5	woe			2:09	427	8:44	81	14:36	416	21:06	82			01:39	403	07:52	10	14:09	395	20:13	21		
17-5	don			2:51	422	9:32	81	15:16	415	21:52	77			02:22	401	08:35	10	14:45	397	20:57	11		
18-5	vry			3:31	416	10:14	84	15:45	415	22:36	75			03:03	400	09:17	10	15:20	402	21:41	6		
19-5	zat		2:33 LK	4:15	409	10:56	90	16:26	416	23:17	77			03:45	396	09:59	20	15:59	407	22:25	8		
20-5	zon			4:55	402	11:33	97	17:10	418					04:32	387	10:40	30	16:45	407	23:12	18		
21-5	maa					0:00	80	5:50	396	12:13	102	18:06	418	05:24	374	11:24	40	17:38	401				
22-5	din					0:41	84	6:46	390	12:56	106	19:05	417			00:06	30	06:23	362	12:18	64	18:38	395
23-5	woe					1:30	87	7:45	386	13:48	110	20:16	415			01:13	40	07:29	356	13:35	75	19:46	391
24-5	don					2:29	88	8:56	385	14:55	112	21:15	414			02:22	40	08:45	360	14:47	70	21:04	395
25-5	vry		21:44 NM			3:49	83	10:16	387	16:16	104	22:36	414			03:26	30	09:58	373	15:53	59	22:15	403
26-5	zat					4:56	76	11:25	393	17:26	94	23:36	415			04:34	20	11:02	385	17:03	47	23:14	407
27-5	zon					6:06	73	12:25	398	18:36	89					05:43	10	11:58	389	18:10	33		
28-5	maa			0:31	413	7:06	74	13:10	402	19:29	88			00:06	400	06:38	10	12:48	385	19:02	26		
29-5	din			1:16	409	7:56	81	13:51	406	20:17	91			00:51	388	07:24	10	13:24	381	19:46	26		
30-5	woe			1:56	407	8:38	91	14:20	413	21:00	97			01:27	379	08:02	20	13:47	384	20:23	29		
31-5	don			2:30	406	9:16	100	14:55	420	21:33	102			02:01	379	08:35	30	14:18	397	20:55	30		
1-6	vry		14:42 EK	3:11	403	9:46	106	15:36	423	22:06	106			02:39	386	09:04	30	14:58	411	21:26	31		
2-6	zat			3:46	396	10:06	108	16:05	421	22:27	110			03:22	393	09:35	40	15:39	420	21:59	39		
3-6	zon			4:26	386	10:26	110	16:41	414	22:56	115			04:04	394	10:08	50	16:19	421	22:33	56		

Referentievlak : LAT				Nieuwe Statenzijl LAT=NAP-260								53.2329° N, 7.2081° O				Emden, Neue Seeschleuse LAT=NAP-230				53.3369° N, 7.1864° O			
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm				
4-6	maa			4:50	377	10:57	113	17:05	405	23:26	118			04:43	388	10:42	70	16:55	417	23:08	74		
5-6	din			5:30	369	11:29	112	17:55	399					05:20	378	11:15	90	17:30	413	23:45	84		
6-6	woe					0:01	117	6:04	363	12:06	111	18:24	394	05:57	370	11:52	90	18:09	411				
7-6	don					0:46	114	7:00	360	13:02	111	19:20	392			00:27	80	06:45	367	12:38	98	18:59	408
8-6	vry					1:41	111	7:55	358	13:59	113	20:24	391			01:17	80	07:50	368	13:32	95	20:07	406
9-6	zat	15:10	VM			2:42	107	9:41	367	15:06	114	22:07	398			02:15	70	08:58	375	14:35	92	21:20	406
10-6	zon					3:52	99	10:46	381	16:16	109	23:07	409			03:26	60	10:02	384	15:52	82	22:25	408
11-6	maa					5:05	89	11:41	396	17:26	100	23:55	418			04:38	50	11:06	392	17:05	65	23:25	409
12-6	din					6:06	85	12:36	407	18:36	97					05:38	30	12:05	397	18:04	49		
13-6	woe			0:56	422	7:16	89	13:29	415	19:50	96			00:22	407	06:32	20	12:58	398	18:58	37		
14-6	don			1:46	421	8:20	90	14:16	418	20:48	89			01:14	403	07:24	20	13:45	398	19:51	24		
15-6	vry			2:37	416	9:14	90	15:00	420	21:39	81			02:05	399	08:14	20	14:28	400	20:43	12		
16-6	zat			3:20	410	9:58	89	15:40	421	22:26	74			02:53	394	09:03	20	15:08	404	21:34	4		
17-6	zon	13:33	LK	4:08	404	10:42	88	16:14	423	23:10	70			03:41	387	09:51	20	15:51	407	22:24	4		
18-6	maa			4:56	399	11:26	88	17:06	427	23:52	68			04:29	379	10:39	30	16:38	409	23:15	12		
19-6	din			5:40	396	12:06	88	17:58	430					05:20	371	11:28	40	17:29	408				
20-6	woe					0:35	69	6:36	392	12:48	91	18:44	428			00:06	20	06:15	365	12:21	54	18:26	405
21-6	don					1:22	74	7:30	389	13:36	96	19:45	423			01:00	30	07:15	363	13:18	62	19:29	401
22-6	vry					2:11	80	8:25	385	14:26	103	20:56	415			01:56	40	08:20	365	14:18	64	20:37	399
23-6	zat					3:16	86	9:30	382	15:36	107	21:56	407			02:53	40	09:26	370	15:18	61	21:45	397
24-6	zon	4:31	NM			4:16	88	10:44	382	16:51	104	23:17	401			03:54	30	10:28	375	16:24	56	22:46	392
25-6	maa					5:26	89	12:00	390	17:52	102					05:03	30	11:25	377	17:37	46	23:42	384
26-6	din			0:16	400	6:26	92	12:50	398	19:02	102					06:05	30	12:17	377	18:35	36		
27-6	woe			1:06	398	7:22	96	13:30	405	19:53	104			00:33	375	06:55	30	12:59	379	19:21	35		
28-6	don			1:40	397	8:12	103	14:05	412	20:36	108			01:13	370	07:36	40	13:29	386	20:00	40		
29-6	vry			2:26	395	8:52	110	14:36	419	21:16	113			01:46	374	08:12	40	14:01	400	20:35	45		
30-6	zat			2:56	394	9:26	115	15:16	424	21:52	117			02:22	384	08:45	50	14:39	415	21:09	48		
1-7	zon	2:51	EK	3:25	392	9:56	117	15:46	425	22:26	119			03:02	394	09:18	50	15:19	425	21:42	54		
2-7	maa			4:06	388	10:26	119	16:20	422	22:52	122			03:43	397	09:51	60	15:58	426	22:16	65		
3-7	din			4:36	382	10:46	121	17:01	416	23:20	125			04:22	391	10:23	80	16:33	421	22:49	75		
4-7	woe			5:16	376	11:16	120	17:36	409	23:56	124			04:58	380	10:55	80	17:06	415	23:23	79		
5-7	don			5:56	370	11:56	116	18:16	404					05:33	370	11:29	80	17:42	410				
6-7	vry					0:31	118	6:25	365	12:42	111	18:56	400			00:01	70	06:11	366	12:10	84	18:24	406
7-7	zat					1:16	111	7:15	362	13:36	109	19:35	397			00:45	70	07:01	366	12:59	81	19:16	402
8-7	zon					2:08	106	8:04	362	14:28	109	20:29	395			01:37	70	08:09	369	13:55	84	20:29	398
9-7	maa	6:07	VM			3:08	104	9:55	370	15:35	111	22:04	398			02:38	70	09:18	375	15:03	87	21:42	398
10-7	din					4:21	101	10:55	386	16:45	108	23:26	408			03:52	60	10:26	383	16:22	79	22:50	400
11-7	woe					5:26	98	12:06	402	17:56	105					05:02	50	11:33	391	17:31	63	23:56	401
12-7	don			0:36	415	6:29	101	13:06	415	19:26	106					06:03	40	12:33	397	18:35	47		
13-7	vry			1:25	418	7:56	102	13:56	423	20:36	94			00:57	400	07:02	30	13:26	402	19:38	31		
14-7	zat			2:21	416	8:56	96	14:40	428	21:26	81			01:55	397	08:01	30	14:16	405	20:36	15		
15-7	zon			3:05	410	9:46	89	15:26	430	22:13	69			02:50	392	08:56	20	15:03	408	21:29	4		

Referentievlak : LAT				Nieuwe Statenzijl LAT=NAP-260								53.23292° N, 7.20817° O				Emden, Neue Seeschleuse LAT=NAP-230				53.3369° N, 7.1864° O							
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm								
16-7	maa	21:26	LK	3:55	405	10:29	83	16:05	433	22:56	61			03:43	386	09:46	20	15:49	411	22:18	3						
17-7	din			4:39	401	11:11	78	16:55	436	23:39	60			04:33	380	10:33	20	16:34	413	23:05	12						
18-7	woe			5:25	398	11:51	77	17:35	436					05:18	375	11:19	30	17:21	412	23:50	26						
19-7	don					0:19	64	6:09	395	12:29	81	18:25	431	06:04	370	12:04	40	18:11	408								
20-7	vry					0:57	74	7:05	390	13:09	90	19:26	421			00:36	40	06:52	368	12:51	59	19:05	400				
21-7	zat					1:38	87	7:55	384	13:50	104	20:16	408			01:23	50	07:46	366	13:43	66	20:05	391				
22-7	zon					2:26	102	8:46	378	14:51	119	21:04	395			02:15	50	08:45	365	14:40	69	21:10	383				
23-7	maa	11:45	NM			3:31	114	9:39	376	16:06	127	22:14	386			03:12	50	09:48	367	15:43	69	22:17	378				
24-7	din					4:46	116	11:20	380	17:16	123	23:57	387			04:19	50	10:52	374	16:59	63	23:21	376				
25-7	woe					5:46	113	12:26	395	18:26	119					05:30	50	11:51	383	18:07	52						
26-7	don			0:46	392	6:51	111	13:10	407	19:26	116			00:21	377	06:27	50	12:42	393	18:57	47						
27-7	vry			1:25	393	7:46	112	13:46	414	20:16	116			01:11	379	07:12	50	13:22	402	19:39	52						
28-7	zat			2:00	393	8:32	116	14:16	421	21:00	119			01:46	382	07:51	50	13:53	412	20:17	58						
29-7	zon			2:36	393	9:09	119	14:50	427	21:36	119			02:13	388	08:27	60	14:26	422	20:52	61						
30-7	maa	17:23	EK			3:16	394	9:46	418	15:25	430	22:13	118			02:47	395	09:01	60	15:02	428	21:26	61				
31-7	din					3:46	395	10:16	418	16:00	430	22:46	117			03:24	397	09:34	60	15:37	428	21:58	64				
1-8	woe					4:21	393	10:50	426	16:36	426	23:16	121			04:02	392	10:05	70	16:10	423	22:29	68				
2-8	don					4:56	387	11:16	422	17:10	420	23:46	124			04:36	383	10:35	70	16:43	417	23:01	72				
3-8	vry					5:26	380	11:46	420	17:45	413			05:08	374	11:07	70	17:17	411	23:35	72						
4-8	zat							0:16	424	6:05	374	12:26	116	18:26	406	05:42	370	11:45	70	17:55	406						
5-8	zon							0:56	419	6:45	370	13:06	111	19:05	400			00:15	70	06:20	370	12:29	77	18:39	400		
6-8	maa							1:39	415	7:30	369	13:59	113	20:05	394			01:02	70	07:09	371	13:21	85	19:36	394		
7-8	din	20:11	VM					2:32	417	8:46	370	14:58	119	21:14	391			01:58	80	08:26	372	14:24	95	21:03	390		
8-8	woe							3:40	421	10:05	382	16:16	122	22:55	400			03:11	80	09:49	378	15:48	94	22:22	392		
9-8	don							4:56	419	11:24	401	17:29	117					04:33	70	11:06	389	17:08	75	23:38	398		
10-8	vry			0:11	412	6:10	117	12:41	420	19:16	112					05:42	60	12:13	403	18:22	54						
11-8	zat			1:09	419	7:43	110	13:30	432	20:22	93			00:44	403	06:49	40	13:10	414	19:32	32						
12-8	zon			2:00	419	8:41	97	14:21	438	21:11	76			01:45	404	07:52	30	14:02	420	20:28	14						
13-8	maa			2:48	415	9:29	87	15:06	440	21:56	65			02:43	401	08:46	30	14:52	422	21:17	8						
14-8	din			3:36	409	10:13	79	15:45	441	22:38	62			03:38	396	09:33	20	15:39	423	22:02	11						
15-8	woe	3:15	LK					4:19	406	10:53	75	16:32	441	23:18	65			04:25	390	10:17	30	16:22	420	22:44	23		
16-8	don							5:06	402	11:31	76	17:15	436	23:56	74			05:03	383	10:58	40	17:02	415	23:24	38		
17-8	vry							5:48	398	12:06	84	18:00	426			05:36	378	11:38	50	17:44	407						
18-8	zat									0:27	89	6:30	391	12:38	97	18:51	412	00:03	50	06:14	375	12:18	62	18:30	395		
19-8	zon									1:01	105	7:16	383	13:12	112	19:41	396	00:43	60	06:59	372	13:02	73	19:22	383		
20-8	maa									1:35	121	8:06	377	13:56	132	20:36	382	01:29	70	07:51	369	13:55	84	20:23	372		
21-8	din	20:30	NM							2:26	139	9:00	376	14:55	151	21:25	374			02:25	80	08:55	370	14:58	92	21:37	369
22-8	woe									3:55	150	10:06	379	16:46	149	23:07	375			03:33	90	10:11	379	16:16	92	22:53	376
23-8	don									5:16	138	11:56	392	17:45	136					04:52	80	11:21	397	17:35	79		
24-8	vry			0:20	388	6:16	126	12:40	410	18:59	126			00:01	388	05:56	70	12:20	415	18:30	68						
25-8	zat			1:05	395	7:16	120	13:21	420	19:52	121			00:54	396	06:45	70	13:05	426	19:15	65						
26-8	zon			1:46	397	8:06	118	13:52	426	20:33	120			01:33	397	07:27	60	13:38	430	19:54	65						

Referentievlak : LAT				Nieuwe Statenzijl LAT=NAP-260								53.23292° N, 7.20817° O				Emden, Neue Seeschleuse LAT=NAP-230				53.3369° N, 7.1864° O			
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm				
27-8	maa			2:16	399	8:46	119	14:26	430	21:14	118			02:00	397	08:05	60	14:07	432	20:30	64		
28-8	din			2:51	402	9:26	118	15:06	434	21:49	114			02:28	398	08:39	60	14:39	433	21:03	59		
29-8	woe	10:13	EK	3:26	404	9:59	116	15:41	435	22:26	112			03:02	399	09:12	60	15:12	431	21:35	56		
30-8	don			4:00	403	10:36	115	16:16	432	23:00	117			03:37	397	09:43	60	15:44	428	22:06	59		
31-8	vry			4:25	398	11:06	118	16:46	426	23:29	125			04:09	392	10:14	60	16:17	423	22:37	65		
1-9	zat			5:01	392	11:33	122	17:20	418	23:58	130			04:40	387	10:46	70	16:52	416	23:10	72		
2-9	zon			5:36	386	12:06	122	18:01	409					05:14	384	11:21	70	17:30	409	23:47	78		
3-9	maa					0:27	130	6:16	381	12:46	120	18:46	399	05:52	381	12:03	80	18:12	399				
4-9	din					1:06	129	7:06	378	13:33	122	19:40	390			00:30	80	06:37	379	12:52	90	19:07	388
5-9	woe					2:01	134	8:10	378	14:36	131	20:44	385			01:24	90	07:46	376	13:54	103	20:39	381
6-9	don	9:03	VM			3:06	142	9:24	386	15:50	135	22:46	395			02:38	100	09:19	379	15:26	105	22:04	385
7-9	vry					4:35	140	11:17	406	17:13	127	23:51	410			04:13	90	10:45	394	16:54	82	23:25	397
8-9	zat					6:06	129	12:16	426	18:59	110					05:27	70	11:53	413	18:15	56		
9-9	zon			0:51	419	7:26	112	13:06	439	20:02	89			00:31	408	06:39	50	12:49	427	19:21	33		
10-9	maa			1:40	421	8:22	98	13:56	444	20:51	76			01:31	411	07:40	40	13:41	432	20:14	21		
11-9	din			2:26	417	9:09	88	14:38	445	21:36	72			02:27	409	08:30	40	14:31	432	20:59	22		
12-9	woe			3:09	414	9:52	84	15:25	443	22:16	75			03:19	403	09:15	40	15:15	428	21:40	30		
13-9	don	8:25	LK	3:56	411	10:31	84	16:08	439	22:55	83			03:58	396	09:55	40	15:54	421	22:18	41		
14-9	vry			4:36	408	11:07	89	16:50	430	23:27	97			04:24	390	10:32	50	16:30	412	22:53	54		
15-9	zat			5:16	402	11:37	99	17:30	416	23:56	111			04:51	388	11:06	50	17:07	400	23:25	66		
16-9	zon			5:57	394	12:03	111	18:16	398					05:28	385	11:41	70	17:47	388	23:59	81		
17-9	maa					0:15	124	6:30	386	12:32	124	18:56	382	06:09	382	12:19	80	18:32	376				
18-9	din					0:48	135	7:26	379	13:10	140	19:40	369			00:37	90	06:56	379	13:05	102	19:28	367
19-9	woe					1:30	150	8:25	377	14:00	160	20:44	364			01:28	120	07:54	380	14:06	121	20:39	365
20-9	don	7:30	NM			2:21	168	9:26	381	15:44	174	21:55	368			02:38	130	09:11	387	15:26	130	22:08	374
21-9	vry					4:41	166	10:34	392	17:16	153	23:34	381			04:07	130	10:38	405	16:56	116	23:28	391
22-9	zat					5:46	144	11:54	410	18:15	136					05:20	110	11:45	426	17:57	93		
23-9	zon			0:46	395	6:41	130	12:46	423	19:12	126			00:23	402	06:13	90	12:31	437	18:44	79		
24-9	maa			1:10	403	7:33	125	13:25	430	20:01	122			01:02	405	06:57	70	13:07	437	19:24	71		
25-9	din			1:51	407	8:16	123	14:06	433	20:44	119			01:32	403	07:36	70	13:39	433	20:00	64		
26-9	woe			2:25	410	8:58	121	14:38	436	21:24	115			02:03	402	08:12	60	14:11	430	20:35	58		
27-9	don			3:06	411	9:36	117	15:15	435	22:01	114			02:36	402	08:47	60	14:45	428	21:08	54		
28-9	vry	4:53	EK	3:46	409	10:14	116	15:51	432	22:36	118			03:10	403	09:20	60	15:18	426	21:41	57		
29-9	zat			4:06	405	10:46	118	16:21	426	23:10	128			03:41	402	09:53	60	15:53	423	22:13	65		
30-9	zon			4:14	402	11:20	125	16:50	418	23:36	137			04:13	401	10:26	60	16:30	417	22:46	75		
1-10	maa			5:00	399	11:49	128	17:36	407					04:50	398	11:02	70	17:11	406	23:22	84		
2-10	din					0:10	141	5:50	394	12:26	130	18:25	395	05:31	394	11:43	80	17:57	391				
3-10	woe					0:46	143	6:45	389	13:16	134	19:30	385			00:04	90	06:22	388	12:32	94	19:04	377
4-10	don					1:39	149	8:00	388	14:16	142	20:45	382			00:58	110	07:35	382	13:36	108	20:29	371
5-10	vry	20:40	VM			2:46	158	9:14	395	15:35	143	22:14	392			02:17	120	09:00	385	15:22	105	21:56	379
6-10	zat					4:20	152	10:51	413	17:10	127	23:36	406			04:00	100	10:26	400	16:45	80	23:15	397
7-10	zon					5:51	133	11:52	430	18:36	107					05:14	80	11:34	420	18:02	55		

Referentievlak : LAT				Nieuwe Statenzijl LAT=NAP-260								53.2329° N, 7.20817° O								Emden, Neue Seeschleuse LAT=NAP-230								53.3369° N, 7.1864° O							
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm								
8-10	maa			0:30	415	7:03	116	12:46	439	19:40	92			00:18	411	06:26	60	12:29	432	19:04	36														
9-10	din			1:20	417	7:57	104	13:30	441	20:29	87			01:14	415	07:24	50	13:19	434	19:54	31														
10-10	woe			2:06	415	8:46	99	14:16	439	21:13	91			02:06	411	08:12	40	14:04	429	20:37	36														
11-10	don			2:45	415	9:28	99	14:56	436	21:51	99			02:48	404	08:53	50	14:44	421	21:15	45														
12-10	vry		14:25 LK	3:25	415	10:07	103	15:40	430	22:27	111			03:13	400	09:31	50	15:21	413	21:49	55														
13-10	zat			4:06	413	10:40	110	16:20	419	22:56	122			03:39	400	10:04	50	15:58	404	22:19	64														
14-10	zon			4:46	408	11:06	120	16:56	403	23:10	132			04:13	400	10:36	60	16:35	394	22:48	77														
15-10	maa			5:16	400	11:26	129	17:25	387	23:36	138			04:51	398	11:08	70	17:13	384	23:19	95														
16-10	din			5:40	392	11:56	138	17:44	374					05:30	395	11:44	90	17:54	375	23:55	117														
17-10	woe					0:08	144	6:14	384	12:32	149	18:35	364	06:12	393	12:25	110	18:43	369																
18-10	don					0:46	154	7:30	378	13:15	163	19:57	357			00:39	140	07:05	394	13:18	136	19:49	368												
19-10	vry		21:12 NM			1:35	167	8:57	381	14:20	176	21:26	363			01:37	150	08:15	398	14:26	148	21:04	374												
20-10	zat					2:39	180	10:06	392	16:36	171	22:36	376			02:57	160	09:34	410	16:01	138	22:23	386												
21-10	zon					5:06	166	11:05	407	17:31	146	23:34	391			04:32	140	10:46	424	17:12	110	23:30	400												
22-10	maa					5:56	146	12:06	421	18:26	133					05:31	110	11:41	433	18:03	86														
23-10	din			0:36	403	6:51	136	12:50	429	19:22	127			00:16	407	06:19	80	12:25	432	18:46	71														
24-10	woe			1:15	410	7:42	132	13:36	432	20:10	124			00:55	408	07:02	70	13:05	427	19:26	62														
25-10	don			2:00	414	8:26	128	14:16	432	20:54	122			01:33	408	07:41	60	13:43	423	20:03	56														
26-10	vry			2:40	414	9:10	124	14:56	429	21:34	122			02:11	408	08:19	50	14:21	421	20:40	53														
27-10	zat			3:25	411	9:52	122	15:26	424	22:12	126			02:45	408	08:57	50	14:57	420	21:16	55														
28-10	zon		0:22 EK	2:10	409	9:31	124	14:34	418	21:50	135			02:16	410	08:34	56	14:34	417	20:51	62														
29-10	maa			2:34	411	10:06	128	15:37	411	22:22	145			02:50	411	09:10	59	15:14	410	21:26	72														
30-10	din			3:23	409	10:42	135	16:27	401	22:56	151			03:30	410	09:49	66	15:59	398	22:04	83														
31-10	woe			4:24	404	11:22	138	17:15	391	23:36	154			04:17	406	10:32	75	16:54	382	22:47	96														
1-11	don			5:41	401	12:06	142	18:26	383					05:14	398	11:23	88	18:04	369	23:43	113														
2-11	vry					0:26	158	6:45	400	13:08	145	19:40	382	06:24	391	12:41	99	19:20	367																
3-11	zat					1:29	162	7:55	404	14:30	141	20:55	388			01:19	123	07:44	393	14:15	88	20:47	378												
4-11	zon		6:23 VM			3:06	154	9:26	415	15:56	125	22:16	398			02:44	105	09:07	406	15:26	68	22:00	397												
5-11	maa					4:26	136	10:30	425	17:06	112	23:12	406			03:55	84	10:12	421	16:39	51	22:59	409												
6-11	din					5:36	123	11:25	429	18:11	104					05:05	66	11:06	426	17:40	38	23:51	411												
7-11	woe			0:06	408	6:34	115	12:10	428	19:04	105					06:03	52	11:54	422	18:30	35														
8-11	don			0:46	409	7:24	115	12:56	425	19:46	113			00:35	406	06:50	47	12:36	413	19:12	42														
9-11	vry			1:25	412	8:06	118	13:35	422	20:26	124			01:05	403	07:31	47	13:14	406	19:49	51														
10-11	zat		21:36 LK	2:07	415	8:46	125	14:16	416	21:01	135			01:32	405	08:07	49	13:52	402	20:20	59														
11-11	zon			2:36	417	9:17	133	14:56	406	21:26	144			02:06	410	08:39	52	14:31	399	20:48	67														
12-11	maa			3:15	413	9:37	141	15:15	392	21:36	147			02:44	413	09:09	61	15:11	394	21:18	80														
13-11	din			3:45	406	9:55	146	15:50	380	22:06	149			03:23	413	09:42	76	15:49	388	21:50	100														
14-11	woe			4:04	398	10:25	153	16:20	370	22:36	152			04:01	410	10:18	95	16:28	381	22:25	121														
15-11	don			4:34	390	11:02	158	16:54	362	23:12	154			04:39	408	10:57	113	17:10	375	23:05	138														
16-11	vry			5:35	385	11:49	163	17:55	357					05:23	408	11:42	126	18:06	372	23:53	149														
17-11	zat					0:00	160	6:40	381	12:46	169	19:46	356	06:23	408	12:36	133	19:15	374																
18-11	zon		12:42 NM			1:00	168	8:26	386	13:49	170	20:50	368			00:52	152	07:36	410	13:43	130	20:21	382												



Referentievlak : LAT				Nieuwe Statenzijl LAT=NAP-260								53.23292° N, 7.20817° O				Emden, Neue Seeschleuse LAT=NAP-230				53.3369° N, 7.1864° O				
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm					
19-11	maa					2:09	171	9:20	399	15:15	158	21:50	383			02:08	143	08:44	415	15:06	112	21:24	394	
20-11	din					3:35	161	10:26	411	16:30	140	22:50	396			03:34	118	09:45	419	16:10	87	22:23	404	
21-11	woe					4:56	146	11:09	421	17:29	132	23:46	406			04:33	91	10:39	420	17:01	68	23:14	410	
22-11	don					5:45	140	12:05	425	18:26	131					05:22	73	11:28	418	17:46	57			
23-11	vry				0:36	411	6:52	137	12:46	425	19:23	132	00:01	412	06:08	61	12:15	415	18:30	51				
24-11	zat				1:21	413	7:46	134	13:35	421	20:08	133	00:43	411	06:52	52	12:59	413	19:12	49				
25-11	zon				1:56	411	8:32	130	14:11	415	20:54	136	01:21	411	07:35	45	13:40	410	19:53	49				
26-11	maa	18:03	EK		1:25	412	9:16	128	14:45	408	21:36	140	01:54	412	08:18	41	14:20	405	20:34	53				
27-11	din				2:05	415	9:57	130	15:31	402	22:13	146	02:30	414	09:00	41	15:02	397	21:14	61				
28-11	woe				3:04	414	10:38	132	16:25	395	22:53	149	03:13	415	09:44	46	15:51	386	21:55	72				
29-11	don				4:35	414	11:21	134	17:16	389	23:35	150	04:03	412	10:33	56	16:47	375	22:42	85				
30-11	vry				5:30	413	12:06	136	18:09	384			05:01	405	11:31	68	17:52	366	23:44	99				
1-12	zat					0:21	152	6:35	411	13:02	136	19:20	381	06:08	399	12:44	74	19:04	364					
2-12	zon					1:20	154	7:40	410	14:05	135	20:25	381			01:09	103	07:22	396	13:53	69	20:25	372	
3-12	maa	16:47	VM			2:36	151	8:56	410	15:26	128	21:44	385			02:19	92	08:41	400	14:57	61	21:33	384	
4-12	din					3:50	140	10:16	411	16:32	122	23:06	392			03:25	79	09:46	404	16:06	52	22:31	391	
5-12	woe					5:01	133	11:05	412	17:43	121	23:50	398			04:37	65	10:41	402	17:11	43	23:21	393	
6-12	don					6:06	129	11:56	410	18:36	123					05:38	50	11:29	395	18:03	39			
7-12	vry				0:30	402	7:00	129	12:40	408	19:24	131	00:02	391	06:27	42	12:12	387	18:46	44				
8-12	zat				1:05	407	7:46	133	13:26	405	20:04	141	00:32	393	07:09	41	12:50	385	19:23	53				
9-12	zon				1:46	413	8:26	141	14:01	402	20:41	150	01:03	401	07:45	45	13:28	388	19:55	61				
10-12	maa	8:51	LK		2:04	417	9:00	149	14:36	395	21:01	155	01:39	411	08:17	51	14:08	393	20:24	68				
11-12	din				2:51	417	9:26	155	15:00	387	21:03	156	02:19	418	08:48	59	14:47	395	20:55	79				
12-12	woe				3:21	412	9:46	159	15:36	378	21:46	156	02:58	421	09:21	72	15:25	392	21:28	95				
13-12	don				3:44	404	10:04	163	16:06	371	22:10	155	03:35	419	09:56	87	16:02	385	22:02	110				
14-12	vry				4:31	398	10:46	164	16:46	365	22:46	153	04:10	415	10:31	98	16:37	377	22:37	119				
15-12	zat				5:11	393	11:26	162	17:15	361	23:32	151	04:46	411	11:11	103	17:19	370	23:19	121				
16-12	zon				5:56	389	12:16	159	18:05	359			05:32	407	11:56	104	18:20	367						
17-12	maa					0:32	152	6:25	387	13:11	156	19:00	358			00:09	120	06:32	401	12:49	103	19:29	371	
18-12	din	7:30	NM			1:28	154	7:50	386	14:12	152	21:16	368			01:07	118	07:48	398	13:52	99	20:32	379	
19-12	woe					2:35	154	9:36	396	15:26	144	22:06	383			02:18	110	08:53	400	15:06	87	21:33	390	
20-12	don					3:50	147	10:35	407	16:29	135	23:06	396			03:36	93	09:54	403	16:11	70	22:33	399	
21-12	vry					4:56	140	11:31	415	17:35	135					04:39	74	10:52	404	17:07	57	23:28	404	
22-12	zat				0:06	406	6:00	140	12:26	417	18:46	139					05:34	58	11:48	403	17:58	48		
23-12	zon				0:50	412	7:22	138	13:10	415	19:49	139	00:18	405	06:27	46	12:41	400	18:48	44				
24-12	maa				1:36	413	8:16	131	14:01	409	20:36	137	01:03	404	07:18	35	13:30	394	19:37	42				
25-12	din				2:16	414	9:04	124	14:46	402	21:22	135	01:42	403	08:08	26	14:16	387	20:24	43				
26-12	woe	10:20	EK		2:56	416	9:49	117	15:26	397	22:06	132	02:20	405	08:57	22	15:00	380	21:11	47				
27-12	don				3:36	420	10:32	114	16:10	394	22:46	130	03:04	407	09:46	25	15:46	374	21:58	54				
28-12	vry				4:26	423	11:14	114	16:55	390	23:27	130	03:54	407	10:36	33	16:38	367	22:47	64				
29-12	zat				5:16	422	11:58	117	17:55	385			04:49	403	11:29	45	17:36	362	23:43	74				
30-12	zon					0:08	132	6:10	417	12:46	123	18:50	380	05:50	396	12:25	55	18:40	357					
31-12	maa					0:55	138	7:10	409	13:35	131	19:50	375			00:45	80	06:57	387	13:23	60	19:51	356	