

Getijdengegevens 2019 bron: gezeiten-kalender.de

bron: getij.rws.nl

Referentievlak :LAT

				Borkum Fischerbalje 53.5575° N, 6.7478° O				Eemshaven 53.4500° N, 6.8333° O															
				LAT=NAP-167				LAT=NAP-192															
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm						
1-1	din					00:34	70	06:37	297	13:07	56	19:27	276			0:36	77	6:51	318	13:18	64	19:40	294
2-1	woe					01:33	65	07:48	291	14:10	55	20:34	280			1:50	76	7:55	315	14:26	65	20:45	301
3-1	don					02:43	59	08:56	287	15:22	51	21:31	285			2:56	71	9:05	315	15:35	63	21:45	310
4-1	vry					03:57	48	09:53	284	16:20	48	22:18	290			4:03	62	10:05	316	16:28	60	22:35	318
5-1	zat					04:49	42	10:42	282	17:04	50	22:57	295			4:57	56	10:56	315	17:16	60	23:11	325
6-1	zon	2:28	NM			05:32	44	11:23	284	17:40	57	23:30	303			5:46	54	11:35	312	17:56	61	23:45	329
7-1	maa					06:07	51	11:58	289	18:10	64	00:02	313			6:21	54	12:05	309	18:26	61	0:05	332
8-1	din			00:02	313	06:38	60	12:31	296	18:40	70	00:37	322	0:05	332	6:55	55	12:35	306	19:01	59	0:56	333
9-1	woe			00:37	322	07:07	68	13:06	301	19:12	78			0:56	333	7:28	55	13:10	303	19:26	58		
10-1	don			01:12	327	07:38	74	13:41	300	19:44	85			1:26	332	7:56	57	13:45	299	19:56	58		
11-1	vry			01:46	327	08:10	79	14:15	295	20:14	91			2:00	329	8:31	59	14:26	295	20:26	59		
12-1	zat			02:18	323	08:42	82	14:49	286	20:44	92			2:35	324	8:56	62	14:59	291	21:01	60		
13-1	zon			02:53	318	09:18	83	15:26	279	21:22	90			3:08	320	9:31	63	15:30	289	21:40	62		
14-1	maa	7:45	EK	03:35	311	10:00	82	16:10	276	22:10	89			3:45	317	10:15	65	16:15	287	22:30	66		
15-1	din			04:25	304	10:49	83	17:02	275	23:07	90			4:36	313	11:05	68	17:05	286	23:26	73		
16-1	woe			05:22	299	11:46	84	18:06	277					5:25	310	12:06	72	18:04	287	0:30	77		
17-1	don					00:10	91	06:28	295	12:53	83	19:20	283			0:30	77	6:34	308	13:20	71	19:28	294
18-1	vry					01:24	86	07:43	296	14:06	75	20:32	292			1:45	73	8:10	312	14:30	63	20:45	308
19-1	zat					02:39	74	08:56	300	15:12	63	21:35	301			3:06	61	9:15	321	15:36	55	21:56	321
20-1	zon					03:47	58	10:03	303	16:14	52	22:31	307			4:15	49	10:26	327	16:46	49	22:55	331
21-1	maa	6:16	VM			04:53	41	11:03	304	17:14	42	23:21	311			5:22	38	11:20	329	17:45	45	23:45	337
22-1	din					05:54	24	11:57	303	18:11	33	00:07	315			6:16	29	12:11	327	18:36	41	0:25	341
23-1	woe			00:07	315	06:47	12	12:47	300	19:01	27	00:53	319	0:25	341	7:08	20	13:01	323	19:22	36		
24-1	don			00:53	319	07:36	6	13:34	296	19:48	25			1:10	345	7:56	14	13:45	320	20:06	31		
25-1	vry			01:39	322	08:23	9	14:19	291	20:33	27			2:01	347	8:38	13	14:36	316	20:49	30		
26-1	zat			02:25	321	09:07	19	15:06	285	21:16	33			2:40	346	9:21	18	15:21	311	21:33	33		
27-1	zon	22:10	LK	03:14	316	09:51	31	15:53	279	22:01	42			3:35	340	10:01	28	16:06	304	22:15	42		
28-1	maa			04:04	306	10:36	44	16:43	272	22:51	50			4:15	330	10:47	43	16:56	296	22:56	55		
29-1	din			05:00	292	11:27	54	17:36	266	23:51	57			5:05	317	11:35	59	17:40	289	23:56	69		
30-1	woe			06:00	278	12:25	60	18:37	263					6:10	305	12:35	72	18:45	287	1:06	77		
31-1	don					00:56	58	07:12	268	13:29	61	19:52	265			1:06	77	7:15	297	13:46	77	19:55	291
1-2	vry					02:07	55	08:33	268	14:43	58	21:04	276			2:26	75	8:40	296	14:56	73	21:15	302
2-2	zat					03:30	47	09:39	274	15:53	53	21:59	289			3:36	64	9:45	302	16:00	64	22:16	314
3-2	zon					04:27	41	10:31	281	16:42	52	22:42	299			4:36	53	10:41	306	16:56	58	22:55	322
4-2	maa	22:04	NM			05:12	44	11:13	286	17:21	57	23:16	308			5:26	48	11:26	305	17:36	55	23:32	326
5-2	din					05:49	52	11:44	291	17:55	61	23:47	315			6:06	47	11:50	304	18:11	53	0:01	329
6-2	woe					06:21	58	12:12	296	18:26	62	00:19	322	0:01	329	6:39	46	12:20	304	18:43	49	0:36	332
7-2	don			00:19	322	06:52	58	12:44	301	18:57	62	00:53	326	0:36	332	7:06	44	12:56	305	19:16	45		
8-2	vry			00:53	326	07:22	56	13:19	301	19:27	61			1:06	334	7:41	41	13:25	306	19:45	42		
9-2	zat			01:26	324	07:51	55	13:52	296	19:56	61			1:35	333	8:15	42	14:00	305	20:13	41		
10-2	zon			01:57	319	08:20	57	14:23	288	20:23	62			2:11	329	8:41	44	14:25	301	20:41	42		

Referentievlak :LAT				Borkum Fischerbalje LAT=NAP-167				53.5575° N, 6.7478° O				Eemshaven LAT=NAP-192				53.4500° N, 6.8333° O			
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm
11-2	maa	23:26	EK	02:29	312	08:49	60	14:52	283	20:55	62	2:40	325	9:06	47	14:55	298	21:16	44
12-2	din			03:06	307	09:23	64	15:28	280	21:35	65	3:16	320	9:45	50	15:30	296	22:00	47
13-2	woe			03:50	301	10:06	71	16:14	280	22:26	71	3:56	315	10:26	55	16:12	293	22:46	55
14-2	don			04:43	296	11:01	78	17:12	280	23:29	78	4:48	307	11:25	65	17:15	290	23:54	65
15-2	vry			05:47	290	12:08	83	18:23	280			5:54	300	12:36	73	18:40	290	1:16	68
16-2	zat					00:44	79	07:05	288	13:30	79	19:50	285	1:16	68	7:35	300	14:00	70
17-2	zon					02:10	68	08:34	291	14:47	64	21:11	295	2:36	57	9:06	309	15:16	60
18-2	maa					03:28	48	09:52	297	15:56	49	22:14	305	3:56	43	10:06	319	16:25	49
19-2	din	16:53	VM			04:42	28	10:53	301	17:03	35	23:07	312	5:07	28	11:06	323	17:29	39
20-2	woe					05:43	11	11:46	302	17:59	23	23:54	317	6:03	15	11:56	324	18:22	30
21-2	don					06:35	0	12:33	301	18:48	15	00:39	322	0:10	344	12:50	323	19:08	21
22-2	vry			00:39	322	07:21	0	13:16	298	19:33	11	0:56	346	7:36	1	13:36	321	19:51	14
23-2	zat			01:23	324	08:03	3	13:57	295	20:14	12	1:45	347	8:19	2	14:16	319	20:31	12
24-2	zon			02:06	321	08:43	14	14:37	291	20:53	18	2:26	344	8:57	9	14:56	314	21:12	17
25-2	maa			02:49	312	09:19	28	15:17	284	21:30	27	3:06	335	9:35	23	15:36	306	21:46	28
26-2	din	12:28	LK	03:34	297	09:53	41	16:00	276	22:10	38	3:53	321	10:06	41	16:10	298	22:21	43
27-2	woe			04:23	280	10:33	54	16:49	268	23:02	50	4:36	305	10:46	60	17:00	290	23:10	61
28-2	don			05:20	264	11:30	67	17:47	262			5:25	290	11:40	78	17:45	284	0:21	78
1-3	vry					00:12	60	06:29	255	12:44	76	18:58	264	0:21	78	6:25	279	13:06	89
2-3	zat					01:28	64	08:04	259	14:02	76	20:31	277	1:45	79	8:00	279	14:24	82
3-3	zon					02:56	60	09:19	274	15:22	68	21:35	296	3:11	65	9:25	289	15:30	67
4-3	maa					04:01	52	10:13	287	16:16	62	22:21	309	4:15	50	10:20	299	16:26	55
5-3	din					04:47	51	10:54	292	16:57	59	22:55	314	5:01	41	11:06	302	17:13	48
6-3	woe	17:04	NM			05:25	52	11:22	293	17:33	57	23:24	317	5:41	38	11:35	303	17:46	45
7-3	don					05:57	51	11:48	296	18:05	51	23:56	320	6:16	36	12:05	305	18:26	40
8-3	vry					06:29	44	12:19	300	18:37	44	00:29	321	0:16	329	12:36	309	18:59	33
9-3	zat			00:29	321	06:59	37	12:54	302	19:07	38	0:46	332	7:21	28	13:06	312	19:27	29
10-3	zon			01:04	320	07:29	35	13:28	299	19:36	38	1:16	332	7:51	28	13:35	311	19:57	29
11-3	maa			01:36	315	07:56	40	13:57	294	20:03	42	1:45	328	8:16	33	14:05	307	20:26	31
12-3	din			02:08	309	08:22	49	14:24	291	20:32	47	2:20	323	8:46	38	14:36	304	21:01	33
13-3	woe			02:42	303	08:53	58	14:57	289	21:09	53	2:50	316	9:16	43	15:05	301	21:35	37
14-3	don	11:27	EK	03:24	298	09:33	66	15:42	288	21:58	61	3:30	308	9:56	50	15:45	297	22:25	46
15-3	vry			04:17	290	10:27	76	16:40	285	23:01	69	4:28	297	10:46	63	16:55	291	23:26	58
16-3	zat			05:24	282	11:37	84	17:52	281			5:41	288	12:00	76	18:15	290	0:55	63
17-3	zon					00:19	71	06:49	278	13:05	81	19:23	284	0:55	63	7:20	288	13:36	76
18-3	maa					01:54	58	08:23	284	14:29	65	20:50	295	2:16	51	8:46	300	14:56	62
19-3	din					03:14	38	09:38	294	15:40	48	21:54	307	3:40	33	9:51	312	16:11	47
20-3	woe					04:28	20	10:37	301	16:48	34	22:47	315	4:51	17	10:50	319	17:13	33
21-3	don	2:43	VM			05:27	7	11:27	303	17:43	22	23:33	320	5:46	6	11:41	321	18:03	22
22-3	vry					06:16	2	12:11	302	18:30	13	00:17	323	6:33	1	12:30	321	18:49	13
23-3	zat			00:17	323	06:59	2	12:51	301	19:12	8	0:36	342	7:16	-1	13:10	321	19:29	7
24-3	zon			01:00	322	07:38	7	13:28	300	19:51	8	1:15	341	7:55	4	13:51	320	20:06	5
25-3	maa			01:41	315	08:13	17	14:05	297	20:25	13	2:00	335	8:31	12	14:26	316	20:43	11
26-3	din			02:22	302	08:42	28	14:41	291	20:57	23	2:35	323	9:01	26	14:55	309	21:15	23
27-3	woe			03:03	286	09:09	42	15:19	284	21:31	36	3:15	308	9:30	42	15:35	301	21:55	39
28-3	don	5:10	LK	03:47	270	09:45	58	16:04	277	22:16	54	4:06	291	10:08	59	16:15	293	22:30	57
29-3	vry			04:41	258	10:36	78	17:02	273	23:22	72	4:55	276	10:50	77	17:15	286	23:36	76
30-3	zat			05:47	253	11:51	96	18:12	274			5:52	266	12:05	94	18:25	284	1:05	82
31-3	zon					00:47	82	08:14	258	14:20	100	20:41	286	1:05	82	8:14	266	14:45	91
1-4	maa					03:14	70	09:46	274	15:41	89	21:58	304	3:24	68	9:55	278	15:56	73
2-4	din					04:25	60	10:43	287	16:41	75	22:46	314	4:30	50	10:56	292	16:55	57
3-4	woe					05:13	50	11:22	292	17:26	64	23:23	316	5:22	38	11:35	300	17:45	47
4-4	don					05:52	50	11:50	293	18:04	53	23:55	315	6:05	32	12:16	304	18:21	40
5-4	vry	10:50	NM			06:27	40	12:19	295	18:39	43	00:29	314	0:16	323	12:46	308	18:56	34
6-4	zat			00:29	314	07:01	30	12:54	299	19:13	33	0:45	326	7:19	23	13:16	313	19:33	27

Referentievlak :LAT				Borkum Fischerbalje LAT=NAP-167								Eemshaven LAT=NAP-192									
				53.5575° N, 6.7478° O								53.4500° N, 6.8333° O									
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
1-6	zat					04:23	50	10:29	295	16:44	55			4:36	38	10:56	305	17:05	50	23:05	319
2-6	zon					05:08	40	11:15	301	17:31	44	23:29	308	5:28	30	11:41	314	17:56	40	23:56	322
3-6	maa	12:02	NM			05:51	30	11:58	307	18:16	37	00:15	309	6:16	27	12:26	319	18:36	32	0:36	322
4-6	din			00:15	309	06:35	30	12:40	310	19:00	32	01:00	308	0:36	322	6:56	25	13:06	322	19:26	27
5-6	woe			01:00	308	07:17	30	13:20	312	19:43	30			1:21	319	7:45	28	13:35	323	20:11	24
6-6	don			01:45	305	07:58	30	13:57	312	20:26	29			2:06	314	8:23	32	14:21	324	20:55	24
7-6	vry			02:29	298	08:38	40	14:37	313	21:08	29			2:45	308	9:06	38	15:03	324	21:36	25
8-6	zat			03:16	290	09:19	40	15:22	313	21:54	30			3:36	302	9:47	44	15:45	324	22:25	28
9-6	zon			04:07	282	10:04	40	16:14	312	22:47	32			4:26	296	10:31	49	16:35	323	23:11	31
10-6	maa	7:59	EK	05:06	277	10:59	50	17:13	309	23:50	34			5:26	291	11:25	55	17:45	321	0:11	34
11-6	din			06:09	275	12:05	50	18:20	307					0:11	34	6:31	289	12:25	60	18:40	320
12-6	woe					01:01	30	07:15	277	13:20	57	19:30	305	1:15	36	7:36	289	13:33	61	19:45	319
13-6	don					02:06	30	08:24	280	14:27	53	20:40	304	2:20	34	8:42	293	14:42	57	20:50	320
14-6	vry					03:09	30	09:30	284	15:32	48	21:44	302	3:25	33	9:34	299	15:55	51	21:55	320
15-6	zat					04:17	30	10:27	288	16:46	39	22:41	298	4:34	33	10:46	306	16:56	44	22:56	320
16-6	zon					05:19	20	11:16	291	17:46	28	23:31	294	5:31	33	11:36	313	17:56	37	23:45	318
17-6	maa	10:31	VM			06:08	20	11:59	295	18:33	21	00:19	291	6:17	34	12:15	319	18:46	33	0:35	314
18-6	din			00:19	291	06:50	20	12:38	300	19:14	21			0:35	314	7:06	38	12:55	324	19:29	31
19-6	woe			01:03	291	07:25	30	13:16	307	19:50	29			1:15	310	7:42	40	13:35	327	20:07	33
20-6	don			01:44	292	07:55	40	13:53	313	20:22	42			1:58	303	8:11	42	14:05	328	20:45	36
21-6	vry			02:23	293	08:24	50	14:29	318	20:52	57			2:35	296	8:45	45	14:45	326	21:15	41
22-6	zat			02:59	293	08:56	70	15:05	321	21:24	69			3:05	288	9:16	49	15:26	321	21:46	48
23-6	zon			03:36	291	09:30	80	15:41	322	22:01	78			3:45	281	9:46	54	16:00	315	22:15	55
24-6	maa			04:15	287	10:07	90	16:21	321	22:43	83			4:32	275	10:25	60	16:40	309	22:56	61
25-6	din	11:46	LK	05:01	282	10:49	90	17:08	316	23:30	85			5:10	272	11:05	66	17:25	304	23:45	65
26-6	woe			05:54	278	11:40	90	18:03	309					6:05	270	11:46	72	18:05	300	0:25	68
27-6	don					00:22	80	06:53	276	12:37	96	19:05	302	0:25	68	7:06	272	12:46	78	19:15	299
28-6	vry					01:21	80	07:53	278	13:41	92	20:10	299	1:35	67	8:05	279	13:56	79	20:25	302
29-6	zat					02:25	70	08:52	285	14:51	82	21:10	301	2:46	60	9:05	290	15:11	71	21:36	309
30-6	zon					03:27	60	09:49	295	15:56	70	22:06	304	3:50	49	10:05	303	16:16	58	22:30	317
1-7	maa					04:23	50	10:42	304	16:54	58	23:00	307	4:46	41	11:06	315	17:16	47	23:26	321
2-7	din	21:16	NM			05:16	40	11:33	311	17:49	48	23:55	308	5:40	36	11:56	323	18:16	38	0:16	322
3-7	woe					06:09	40	12:21	314	18:43	38	00:47	306	0:16	322	6:36	35	12:40	328	19:07	30
4-7	don			00:47	306	07:00	40	13:05	315	19:34	29			1:06	320	7:29	35	13:26	331	19:59	25
5-7	vry			01:37	301	07:49	30	13:47	316	20:23	23			1:56	316	8:16	36	14:10	334	20:47	20
6-7	zat			02:25	296	08:35	30	14:30	318	21:10	19			2:46	312	8:57	35	14:56	336	21:33	17
7-7	zon			03:12	291	09:20	30	15:17	321	21:58	20			3:31	309	9:43	36	15:43	338	22:16	17
8-7	maa			04:02	287	10:05	30	16:07	321	22:47	25			4:23	305	10:29	38	16:30	338	23:05	22
9-7	din	12:55	EK	04:54	283	10:55	40	17:02	318	23:40	32			5:08	301	11:15	43	17:21	334	23:50	29
10-7	woe			05:50	280	11:51	40	18:02	311					6:06	296	12:07	51	18:15	327	0:46	39
11-7	don					00:37	40	06:48	277	12:55	55	19:05	302	0:46	39	7:00	293	13:05	59	19:21	319
12-7	vry					01:37	40	07:51	275	14:00	56	20:13	293	1:46	47	7:54	292	14:15	63	20:25	314
13-7	zat					02:38	40	08:59	276	15:06	53	21:23	287	2:55	51	9:05	297	15:25	61	21:35	312
14-7	zon					03:46	40	10:03	282	16:24	44	22:26	286	3:56	51	10:16	306	16:35	54	22:35	313
15-7	maa					04:55	30	10:56	291	17:28	33	23:21	287	5:06	49	11:11	316	17:37	46	23:36	313
16-7	din	23:38	VM			05:48	30	11:42	300	18:17	30	00:09	290	5:58	47	12:02	323	18:29	40	0:26	310
17-7	woe			00:09	290	06:31	40	12:23	308	18:58	37	00:51	293	0:26	310	6:45	48	12:35	328	19:13	40
18-7	don			00:51	293	07:08	50	13:00	315	19:35	49			1:06	306	7:25	50	13:10	331	19:51	42
19-7	vry			01:28	296	07:39	60	13:34	322	20:06	61			1:46	301	7:56	50	13:45	332	20:26	44
20-7	zat			02:02	299	08:08	70	14:08	328	20:36	69			2:15	298	8:26	49	14:26	332	20:57	46
21-7	zon			02:35	301	08:38	70	14:42	331	21:06	74			2:45	295	8:56	49	15:02	329	21:26	49
22-7	maa			03:10	299	09:10	80	15:16	329	21:38	76			3:20	292	9:31	51	15:36	324	21:56	54
23-7	din			03:47	293	09:43	80	15:51	324	22:13	79			4:03	287	10:01	55	16:05	318	22:30	58
24-7	woe			04:25	286	10:17	80	16:29	316	22:50	82			4:30	284	10:32	58	16:40	313	23:05	61
25-7	don	3:18	LK	05:06	280	10:58	90	17:14	308	23:33	87			5:05	282	11:12	62	17:15	309	23:45	64

Referentievlak :LAT				Borkum Fischerbalje LAT=NAP-167								Eemshaven LAT=NAP-192				53.5575° N, 6.7478° O				53.4500° N, 6.8333° O			
datum	dag	maan	stand	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
13-11	woe					05:26	64	11:16	325	17:44	60	23:40	325			5:47	60	11:35	334	18:06	54	0:06	328
14-11	don					06:03	60	11:56	326	18:19	62	00:18	327	0:06	328	6:23	55	12:16	332	18:41	55	0:35	328
15-11	vry			00:18	327	06:40	63	12:36	324	18:52	72	00:52	326	0:35	328	7:01	54	12:45	328	19:13	59	0:55	328
16-11	zat			00:52	326	07:14	70	13:15	316	19:22	83			0:55	328	7:36	56	13:15	322	19:45	65		
17-11	zon			01:21	323	07:45	78	13:53	306	19:53	92			1:25	327	8:11	59	13:55	314	20:16	71		
18-11	maa			01:57	321	08:20	81	14:37	297	20:33	96			2:11	325	8:46	63	14:45	305	20:56	78		
19-11	din	22:11	LK	02:43	320	09:08	81	15:32	290	21:27	99			2:55	321	9:35	68	15:45	296	21:55	87		
20-11	woe			03:42	317	10:10	79	16:39	286	22:32	100			4:06	317	10:35	74	16:55	290	22:55	95		
21-11	don			04:49	315	11:23	76	17:56	288	23:49	99			5:05	315	11:50	76	18:10	291	0:08	98		
22-11	vry			06:07	315	12:48	67	19:14	296					0:08	98	6:31	319	13:06	70	19:25	298		
23-11	zat					01:12	90	07:27	319	13:59	57	20:26	305			1:30	89	7:34	326	14:15	59	20:34	308
24-11	zon					02:21	79	08:37	324	15:06	50	21:25	311			2:45	77	8:45	334	15:20	52	21:36	316
25-11	maa					03:27	69	09:33	325	16:10	46	22:13	313			3:50	66	9:46	338	16:26	49	22:15	322
26-11	din	16:06	NM			04:33	57	10:22	323	17:03	42	22:56	315			4:51	57	10:36	339	17:16	49	23:12	327
27-11	woe					05:25	44	11:09	320	17:49	40	23:35	318			5:42	50	11:21	337	18:05	51	23:51	331
28-11	don					06:11	34	11:56	316	18:29	41	00:15	321			6:26	45	12:05	332	18:43	54	0:25	334
29-11	vry			00:15	321	06:52	32	12:42	310	19:04	50	00:54	322	0:25	334	7:09	45	12:50	325	19:17	59		
30-11	zat			00:54	322	07:29	41	13:25	302	19:32	65			1:05	334	7:46	49	13:25	314	19:55	64		
1-12	zon			01:33	320	08:01	59	14:05	293	19:58	82			1:35	331	8:16	56	14:05	302	20:21	70		
2-12	maa			02:10	318	08:31	78	14:43	287	20:30	98			2:21	326	8:50	65	14:51	291	20:56	78		
3-12	din			02:47	319	09:07	94	15:25	284	21:11	112			3:05	319	9:26	76	15:25	281	21:30	86		
4-12	woe	7:58	EK	03:31	320	09:54	104	16:17	283	22:02	122			3:50	312	10:10	86	16:25	275	22:16	96		
5-12	don			04:27	320	10:53	110	17:19	284	23:05	127			4:48	305	11:00	95	17:16	272	23:04	106		
6-12	vry			05:35	319	12:01	108	18:24	286					5:45	302	12:08	100	18:35	275	0:25	111		
7-12	zat					00:18	123	06:43	316	13:13	100	19:26	290			0:25	111	6:45	303	13:26	94	19:35	284
8-12	zon					01:34	112	07:45	313	14:15	88	20:20	294			1:45	104	7:55	309	14:25	82	20:35	296
9-12	maa					02:36	96	08:37	310	15:06	78	21:07	300			2:45	91	8:55	317	15:16	70	21:30	309
10-12	din					03:26	83	09:23	309	15:49	70	21:50	308			3:45	78	9:45	324	16:05	61	22:15	319
11-12	woe					04:11	71	10:06	311	16:30	64	22:32	316			4:34	67	10:36	328	16:51	55	23:05	326
12-12	don	6:12	VM			04:55	63	10:50	314	17:12	60	23:14	322			5:18	58	11:16	330	17:37	53	23:35	330
13-12	vry					05:39	58	11:35	316	17:54	61	23:54	324			6:01	52	11:45	328	18:17	53	0:16	332
14-12	zat					06:22	56	12:20	312	18:34	65	00:31	322	0:16	332	6:46	49	12:36	325	18:58	55	0:42	333
15-12	zon			00:31	322	07:04	57	13:03	305	19:12	70			0:42	333	7:29	48	13:11	320	19:36	59		
16-12	maa			01:06	321	07:44	57	13:46	296	19:49	73			1:20	334	8:11	49	13:55	314	20:16	63		
17-12	din			01:47	320	08:25	56	14:33	289	20:32	73			2:05	334	8:55	51	14:45	307	21:01	67		
18-12	woe			02:36	319	09:11	55	15:26	283	21:22	73			3:02	332	9:41	54	15:46	300	21:51	72		
19-12	don	5:57	LK	03:31	317	10:06	55	16:28	280	22:20	76			3:56	329	10:31	58	16:34	294	22:45	78		
20-12	vry			04:33	313	11:11	57	17:34	279	23:28	79			4:55	324	11:31	62	17:45	291	23:52	83		
21-12	zat			05:43	307	12:25	59	18:43	280					6:00	321	12:36	64	18:50	293	1:00	82		
22-12	zon					00:45	79	06:56	302	13:32	57	19:54	282			1:00	82	7:15	320	13:46	63	20:06	298
23-12	maa					01:54	73	08:08	299	14:37	55	20:57	287			2:10	76	8:22	322	14:51	60	21:00	307
24-12	din					03:02	64	09:11	297	15:45	50	21:48	292			3:25	68	9:21	325	15:55	58	21:55	316
25-12	woe					04:16	50	10:06	296	16:43	43	22:34	299			4:29	58	10:18	325	16:55	56	22:45	324
26-12	don	6:13	NM			05:11	36	10:56	296	17:30	40	23:16	306			5:23	50	11:12	324	17:46	56	23:36	330
27-12	vry					05:57	30	11:44	297	18:11	44	23:57	312			6:12	46	11:45	320	18:25	57	0:11	334
28-12	zat					06:38	34	12:28	296	18:47	54			0:11	334	6:55	46	12:35	315	19:02	58	0:48	336
29-12	zon			00:36	316	07:14	47	13:08	295	19:15	68			0:48	336	7:27	47	13:15	308	19:35	59		
30-12	maa			01:12	319	07:45	63	13:43	292	19:41	81			1:15	335	8:06	52	13:55	300	20:05	60		
31-12	din			01:47	320	08:13	77	14:16	290	20:12	91			2:00	332	8:35	57	14:31	293	20:35	63		