

# Getijdengegevens 2016

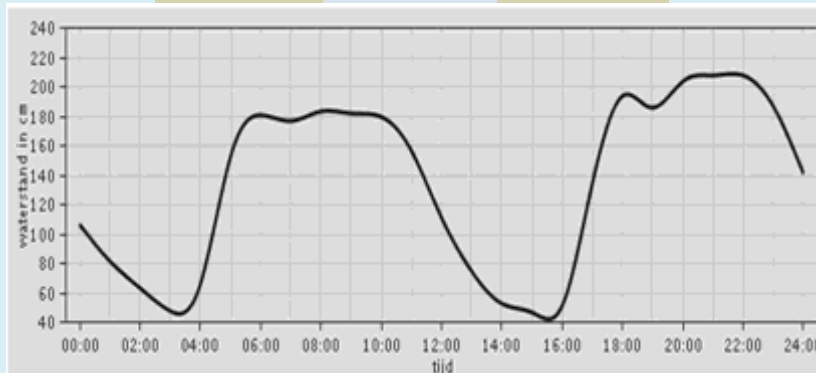
bron: getij.rws.nl

bron: getij.rws.nl

Referentievlak : LAT

maan

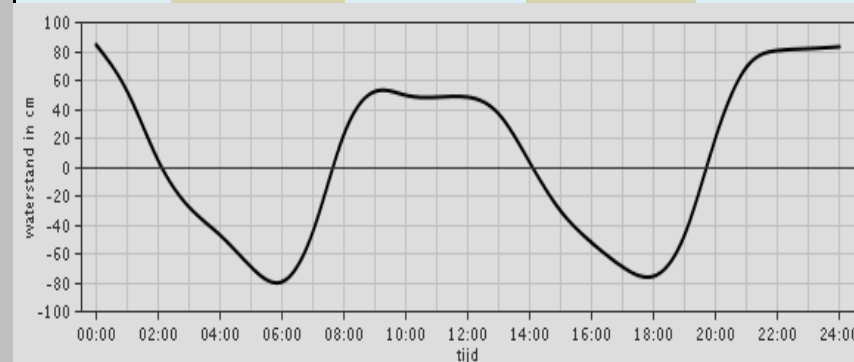
Den Helder		52.9667° N, 4.7500° O					
Lat=	NAP	-125					
HW	cm	lw	cm	HW	cm	lw	cm



datum dag maan stand

1-1	vry			5:35	63	9:24	173	17:40	52	23:57	193
2-1	zat	6:30	LK	6:20	68	10:14	171	18:21	58		
3-1	zon			0:17	189	7:05	72	11:30	167	18:54	64
4-1	maa			1:00	186	7:45	73	12:47	167	19:44	69
5-1	din			1:35	185	8:35	72	13:34	169	20:55	71
6-1	woe			2:25	185	10:10	66	16:55	176	22:20	70
7-1	don			5:00	187	11:25	56	17:55	186	23:45	62
8-1	vry			5:55	190	12:16	49	18:55	194		
9-1	zat					0:34	57	7:05	190	12:54	45
10-1	zon	2:30	NM			1:46	52	7:50	186	13:55	43
11-1	maa					2:35	48	7:04	184	14:52	41
12-1	din					3:26	44	8:00	181	15:36	39
13-1	woe					4:13	41	8:55	179	16:16	37
14-1	don					4:56	42	9:35	175	16:56	37
15-1	vry					5:42	45	10:30	171	17:41	39
16-1	zat					6:25	52	9:14	168	18:21	43
17-1	zon	0:26	EK	0:14	201	7:05	59	10:14	170	19:00	49
18-1	maa			1:07	193	7:56	65	11:19	171	20:00	53
19-1	din			2:17	188	8:55	67	12:25	169	21:10	55
20-1	woe			3:25	186	9:54	64	13:35	169	22:36	53
21-1	don			4:47	186	11:15	58	16:40	178	23:56	48
22-1	vry			6:20	186	12:25	52	18:50	187		
23-1	zat					1:06	40	7:15	184	13:26	45
24-1	zon	2:46	VM			2:03	33	8:15	181	14:15	41
25-1	maa					2:49	32	9:10	176	14:56	39
26-1	din					3:26	36	7:20	173	15:25	37
27-1	woe					4:02	40	6:44	172	15:45	34

Texel Noordzee		53.1167° N, 4.7333° O					
LAT=NAP		-143					
HW	cm	lw	cm	HW	cm	lw	cm



		6:06	66	9:24	197	18:07	63	22:14	220
		6:41	75	10:20	194	18:45	72	23:50	214
		7:25	82	11:20	189	19:20	79		
0:50	210	8:05	85	13:00	187	20:16	85		
1:50	209	9:04	84	13:54	192	21:17	87		
2:30	211	10:36	76	16:45	201	22:55	80		
3:14	213	11:36	64	17:55	214				
		0:06	69	6:15	216	12:26	54	18:55	224
		1:06	60	7:05	219	13:16	48	19:35	231
		1:56	53	7:50	219	14:07	45	20:10	236
		2:41	48	8:17	217	14:51	42	20:14	241
		3:26	45	8:40	215	15:31	40	21:05	247
		4:11	43	9:25	213	16:10	39	21:44	250
		4:56	44	10:04	208	16:56	40	22:46	248
		5:39	47	11:15	201	17:46	44	23:35	242
		6:26	54	9:13	194	18:36	50		
0:14	232	7:11	62	10:26	196	19:26	57		
1:25	223	8:05	69	11:36	195	20:26	63		
2:35	217	9:05	72	12:24	193	21:25	64		
3:34	215	10:16	69	16:15	198	22:46	60		
4:35	216	11:25	62	17:05	209				
		0:00	51	6:10	218	12:37	55	18:27	220
		1:16	42	7:25	219	13:32	47	19:30	229
		2:06	35	8:10	218	14:22	43	20:05	235
		2:51	34	8:55	214	14:59	41	20:35	239
		3:29	36	9:14	209	15:31	39	21:26	242
		4:01	39	9:45	207	15:56	36	21:50	242

Referentievlak : LAT

maan

Den Helder		52.9667° N, 4.7500° O								Texel Noordzee		53.1167° N, 4.7333° O									
Lat=	NAP	-125								LAT=NAP	-143										
HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
		4:26	44	7:24	173	16:16	32	22:45	202			4:31	42	10:10	205	16:36	36	22:25	237		
		4:51	47	8:05	175	16:46	35	22:54	195			5:01	47	8:09	202	17:00	40	23:06	228		
		5:05	53	8:44	176	17:15	41	23:17	188			5:31	55	8:49	203	17:35	49	21:34	218		
		5:41	57	9:24	176	17:40	46	22:14	185			6:01	64	9:35	202	18:05	58	22:14	214		
		6:00	60	10:36	175	18:15	51	23:30	181			6:14	71	10:35	199	18:35	66	23:15	208		
		6:46	61	11:25	172	19:16	57					6:55	74	11:46	194	19:26	73				
		0:50	178	7:24	63	12:45	170	20:16	62			0:40	202	7:56	77	13:00	192	20:26	79		
		1:45	177	8:56	63	14:00	172	21:14	64			1:54	201	8:57	78	14:16	196	21:35	79		
		2:50	177	10:14	57	17:25	179	22:44	58			2:45	202	10:34	69	17:20	205	23:14	67		
		5:34	180	11:35	47	18:25	190					5:40	205	11:56	55	18:25	219				
		0:05	50	6:45	182	12:35	41	19:26	197			0:30	53	6:34	211	12:56	45	19:16	229		
		1:31	42	7:46	180	13:47	37	20:16	201			1:36	43	7:45	214	13:46	38	20:07	236		
		2:26	35	8:41	177	14:42	31	20:55	204			2:26	34	8:36	214	14:42	31	20:24	242		
		3:16	28	7:45	173	15:26	25	21:30	206			3:15	26	8:55	213	15:26	25	21:05	248		
		4:01	23	8:40	173	16:09	19	22:00	208			4:02	23	9:40	212	16:08	20	21:45	251		
		4:43	23	9:30	173	16:56	18	22:24	208			4:46	23	10:05	210	16:56	20	22:36	249		
		5:23	29	10:05	171	17:36	21	23:10	203			5:26	30	10:45	205	17:36	24	23:05	240		
		6:06	40	8:38	170	18:11	28	23:45	193			6:06	41	8:55	198	18:17	33	23:54	227		
		6:47	52	9:55	172	18:55	37					6:46	54	9:55	200	19:05	44				
		0:37	183	7:25	61	11:05	173	19:41	45			1:05	213	7:30	66	11:05	199	19:50	54		
		1:50	175	8:15	66	12:05	170	20:35	51			0:06	203	8:35	74	12:20	195	21:05	60		
		3:00	171	9:30	64	14:57	170	22:05	48			3:10	198	9:45	73	15:25	195	22:26	57		
		4:30	171	10:45	56	16:10	178	23:24	42			4:34	200	11:06	64	16:50	206	23:56	47		
		6:16	175	12:06	47	18:24	189					5:55	205	12:16	52	18:14	219				
		0:56	32	7:04	177	13:06	38	19:25	196			0:55	34	7:11	211	13:17	41	19:15	229		
		1:46	26	8:15	176	13:55	33	20:05	198			1:52	27	8:06	211	14:01	35	19:55	233		
		2:29	26	8:55	172	14:32	31	20:25	198			2:36	28	8:35	208	14:42	33	20:25	235		
		3:06	31	7:00	170	15:06	30	20:54	199			3:06	32	9:06	206	15:05	32	20:44	236		
		3:36	35	8:30	172	15:36	27	21:24	199			3:32	34	9:16	208	15:39	28	21:15	236		
		3:56	36	9:17	175	15:56	25	22:16	196			4:01	35	9:46	210	16:05	27	22:00	233		
		4:21	37	9:47	175	16:26	27	22:25	189			4:26	38	10:16	208	16:35	31	22:36	224		
		4:46	42	8:09	175	16:55	33	22:50	182			4:56	45	8:14	203	17:05	39	22:55	213		
		6:50	51	12:10	171	19:35	53					7:05	66	12:05	194	19:46	68				
		1:07	166	8:06	56	13:40	171	20:56	56			1:10	189	8:15	71	13:34	195	20:54	71		
		2:15	165	9:35	55	14:47	174	22:14	51			2:30	189	9:44	69	14:50	200	22:45	61		
		5:15	169	11:06	46	17:55	187	23:56	41			5:10	194	11:15	55	17:35	215				
		6:26	174	11:55	38	18:55	196					0:06	45	6:20	205	12:26	41	18:51	229		
		1:16	32	7:14	174	13:25	30	19:45	200			1:11	31	7:25	210	13:32	30	19:36	237		
		2:05	22	8:20	173	14:21	21	20:24	202			2:09	20	8:05	213	14:21	20	20:15	243		
		2:56	14	9:26	171	15:09	12	21:05	203			2:56	12	8:56	214	15:12	11	20:56	247		
3:43	11	10:06	170	15:56	5	21:50	202	3:43	9	9:36	214	15:56	5	21:36	248						

Referentievlak : LAT

maan

Den Helder										Texel Noordzee									
52.9667° N, 4.7500° O										53.1167° N, 4.7333° O									
Lat=	NAP	-125								LAT=NAP	-143								
HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
12-3 woe		4:24	12	9:15	172	16:36	3	22:20	199		4:23	11	9:54	214	16:36	3	22:25	243	
13-3 don		5:03	20	9:54	174	17:18	8	22:45	192		5:03	19	10:35	211	17:19	9	23:06	232	
14-3 vry		5:41	32	10:30	174	17:56	18	23:30	182		5:43	32	10:55	205	18:02	20	23:45	217	
15-3 zat	18:03 EK	6:16	45	10:34	174	18:37	29				6:26	48	9:35	202	18:41	34			
16-3 zon		0:10	171	6:30	55	11:00	175	19:15	39	23:50	163	7:01	61	10:44	201	19:25	47	23:35	189
17-3 maa		7:20	60	12:10	172	20:14	46				7:56	71	12:04	197	20:36	55			
18-3 din		2:20	158	8:56	61	14:34	174	21:56	44	2:55	185	9:16	73	15:00	197	22:00	53		
19-3 woe		3:50	159	10:04	53	16:00	179	23:05	36	4:14	187	10:41	63	16:20	206	23:26	42		
20-3 don		5:56	166	11:30	42	18:00	189			5:51	196	11:55	49	17:55	218				
21-3 vry			0:26	27	6:55	171	12:41	33	19:01	194		0:36	30	6:51	204	12:55	37	18:50	226
22-3 zat			1:21	22	7:34	171	13:25	29	19:46	193		1:26	24	7:36	206	13:39	31	19:36	227
23-3 zon	13:01 VM		2:01	24	8:25	169	14:06	28	20:16	191		2:06	26	8:16	204	14:16	30	20:06	227
24-3 maa			2:36	29	7:40	168	14:41	27	20:35	191		2:36	30	8:26	205	14:46	29	20:25	228
25-3 din			3:01	30	8:20	174	15:06	25	21:05	191		3:06	31	8:25	210	15:16	27	20:55	228
26-3 woe			3:26	30	8:55	179	15:36	23	21:41	189		3:31	30	9:10	215	15:40	25	21:25	225
27-3 don			4:56	30	10:46	180	17:06	25	22:55	182		5:02	31	10:45	215	17:05	28	23:00	218
28-3 vry			5:15	32	10:54	178	17:31	29	23:26	175		5:20	35	11:15	211	17:36	34	23:14	208
29-3 zat			5:14	35	11:26	175	17:56	34	21:25	169		5:46	40	11:30	206	18:07	40	21:24	200
30-3 zon			5:44	36	9:33	174	18:20	37	22:05	167		6:10	44	9:45	205	18:46	46	22:04	196
31-3 maa	17:17 LK		6:35	38	12:00	173	19:15	42	23:40	162		6:56	50	10:34	200	19:26	53	23:25	187
1-4 din			7:15	43	12:50	172	20:05	47				7:40	57	12:50	196	20:26	60		
2-4 woe		0:54	156	8:14	50	14:24	172	21:14	50	1:04	179	8:34	65	14:07	196	21:41	62		
3-4 don		3:10	154	9:55	51	16:20	175	22:55	44	3:27	178	10:16	65	16:10	201	23:15	53		
4-4 vry		5:40	159	11:14	44	18:21	187			5:46	187	11:46	53	18:10	216				
5-4 zat			0:26	34	6:44	166	12:46	35	19:26	195		0:36	37	6:55	199	12:56	39	19:10	229
6-4 zon			1:46	25	7:55	169	13:56	27	20:15	198		1:40	23	7:50	207	14:01	26	20:00	237
7-4 maa	13:24 NM		2:43	16	9:06	169	14:59	17	21:05	198		2:41	14	8:46	211	15:02	15	20:50	241
8-4 din			3:33	10	9:55	170	15:49	8	21:47	196		3:31	8	9:26	214	15:49	5	21:36	242
9-4 woe			4:18	8	10:46	171	16:36	0	22:27	193		4:18	6	9:54	216	16:36	-2	22:21	240
10-4 don			5:02	11	9:55	174	17:16	-1	23:10	188		4:59	9	10:35	218	17:20	-2	23:00	233
11-4 vry			5:42	18	10:34	178	18:00	4	23:40	179		5:39	17	11:04	217	17:56	4	23:45	221
12-4 zat			6:16	29	11:17	179	18:35	14				6:16	29	11:40	213	18:36	15		
13-4 zon		0:20	169	6:46	39	11:50	179	19:15	25	23:50	160	6:56	42	12:00	208	19:26	29		
14-4 maa	5:59 EK		7:00	45	12:10	178	19:44	36			1:17	190	7:15	54	12:00	205	20:06	42	
15-4 din		0:24	154	7:34	51	14:10	177	20:55	42	2:20	179	8:04	63	13:10	201	20:55	51		
16-4 woe		2:47	150	9:00	55	15:10	178	22:05	42	3:24	176	9:20	67	15:20	202	22:25	51		
17-4 don		4:00	151	10:35	50	16:30	181	23:30	35	4:27	178	10:44	63	16:30	207	23:45	43		
18-4 vry		6:07	157	11:45	41	18:20	186			6:16	186	12:16	52	18:16	214				
19-4 zat			0:40	29	7:26	164	12:55	35	19:05	188		0:56	34	7:25	195	13:16	41	19:04	219
20-4 zon			1:45	26	8:10	168	13:57	32	20:06	187		1:46	29	8:06	200	14:00	35	19:44	220
21-4 maa			2:25	27	8:37	168	14:36	31	20:36	184		2:26	29	8:30	203	14:46	34	20:14	219
22-4 din	7:24 VM		3:01	28	8:50	171	15:11	30	21:06	183		3:01	30	8:56	207	15:19	32	20:55	219

Referentievlak : LAT

maan

23-4 woe  
24-4 don  
25-4 vry  
26-4 zat  
27-4 zon  
28-4 maa  
29-4 din  
30-4 woe 5:29 LK  
1-5 don  
2-5 vry  
5-5 zat  
6-5 zon 21:29 NM  
7-5 maa  
8-5 din  
9-5 woe  
10-5 don  
11-5 vry  
12-5 zat  
13-5 zon 19:02 EK  
14-5 maa  
15-5 din  
16-5 woe  
17-5 don  
18-5 vry  
19-5 zat  
20-5 zon  
21-5 maa 23:14 VM  
22-5 din  
23-5 woe  
24-5 don  
25-5 vry  
26-5 zat  
27-5 zon  
28-5 maa  
29-5 din 14:12 LK  
30-5 woe  
31-5 don  
1-6 vry  
2-6 zat  
3-6 zon  
4-6 maa

Den Helder										Texel Noordzee									
52.9667° N, 4.7500° O										53.1167° N, 4.7333° O									
Lat=	NAP	-125								LAT=NAP	-143								
HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
		3:26	28	9:07	177	15:41	28	21:35	183			3:36	30	9:04	213	15:52	30	21:36	218
		3:56	26	9:56	182	16:15	27	22:05	181			4:01	28	9:45	218	16:16	29	21:55	216
		4:27	26	10:20	183	16:46	28	22:36	176			4:26	28	10:04	219	16:46	31	22:25	211
		4:41	26	10:40	182	16:54	31	22:50	170			4:55	30	10:46	218	17:10	33	23:06	203
		5:06	28	10:54	180	17:36	34	23:26	163			5:26	33	11:05	214	17:40	37	23:30	194
		5:36	30	11:35	178	18:05	37	21:35	159			5:56	37	11:44	209	18:20	42	21:39	188
		6:15	33	12:15	176	18:56	41	23:00	154			6:35	43	12:15	204	19:06	48	22:45	179
		6:55	38	13:17	175	19:56	45					7:15	51	12:57	201	20:06	54		
		0:20	149	8:00	44	14:30	176	21:05	46			0:15	173	8:14	59	14:27	201	21:26	56
		1:25	146	9:15	47	16:00	179	22:35	40			3:44	172	9:35	60	16:16	207	22:56	47
				1:06	25	7:17	164	13:26	28	19:46	194			1:11	23	7:15	203	13:36	28
				2:16	20	8:24	167	14:36	20	20:35	192			2:11	17	8:05	209	14:36	18
				3:08	15	9:24	170	15:30	11	21:24	188			3:06	14	8:55	214	15:26	8
				3:56	13	10:07	174	16:16	4	22:17	183			3:51	13	9:25	218	16:13	3
				4:40	16	9:50	179	16:59	4	23:07	177			4:36	15	10:04	222	16:59	2
				5:16	21	10:40	183	17:42	8	23:50	169			5:12	20	10:44	224	17:42	7
				5:56	28	11:30	185	18:22	16			5:45	28	11:24	222	18:21	16		
		0:17	160	6:16	33	12:10	185	18:56	26	23:14	153			6:20	36	12:10	217	19:00	27
				6:24	37	13:10	184	19:35	35	23:45	149			1:10	184	7:05	45	12:40	212
				7:14	42	13:45	183	20:14	42			2:00	176	7:46	53	14:00	209	20:46	48
		1:50	146	8:14	47	14:50	182	21:24	44			2:47	172	8:34	60	14:50	207	21:40	51
		3:20	148	9:25	49	15:47	182	22:34	41			3:50	174	9:44	62	15:47	208	22:56	49
		4:20	152	11:06	46	16:57	182	23:35	36			4:54	180	11:04	59	17:00	209	23:55	43
		6:00	158	11:54	42	18:07	182					5:57	188	12:14	52	18:10	211		
				0:25	33	7:14	165	13:05	39	19:10	181			0:56	38	7:00	196	13:26	46
				1:37	31	7:47	170	13:56	38	19:50	180			1:46	35	7:40	204	14:06	42
				2:16	30	8:17	175	14:46	37	20:15	178			2:26	33	8:26	210	14:45	39
				2:51	28	8:57	180	15:22	35	21:15	177			2:56	31	8:55	216	15:20	37
				3:25	27	9:40	184	15:55	34	21:30	174			3:36	30	9:25	220	15:56	36
				3:56	26	10:10	186	16:26	34	21:50	171			4:01	29	9:44	223	16:26	36
				4:04	26	10:17	187	16:56	35	22:15	167			4:31	29	10:15	225	16:56	37
				4:46	26	10:45	187	17:14	37	22:55	161			5:01	30	10:55	224	17:36	39
				5:15	28	11:40	187	17:54	40	23:55	155			5:24	34	11:35	221	18:05	42
				5:55	31	12:36	185	18:35	43	22:24	149			6:16	39	12:35	216	19:06	47
				6:34	36	13:25	184	19:35	46	23:44	148			6:55	47	13:25	212	19:55	51
				7:40	41	14:15	183	21:05	46					8:15	53	14:30	211	21:05	52
		0:34	147	8:54	43	15:40	184	22:16	42			0:45	172	9:25	55	15:34	213	22:15	47
		1:45	149	10:26	41	16:55	187	23:20	35			4:35	179	10:45	50	16:55	219	23:36	38
		5:44	156	11:41	36	18:15	190					5:45	191	11:56	42	18:06	225		
				0:31	31	6:30	162	12:56	33	18:57	189			0:36	31	6:40	201	13:06	34
				1:46	29	7:30	168	14:06	27	20:00	185			1:41	27	7:35	209	14:06	26

Referentievlak : LAT

maan

5-6 *din* 5:00 NM

6-6 *woe*

7-6 *don*

8-6 *vry*

9-6 *zat*

10-6 *zon*

11-6 *maa*

12-6 *din* 10:10 EK

13-6 *woe*

14-6 *don*

15-6 *vry*

16-6 *zat*

17-6 *zon*

18-6 *maa*

19-6 *din*

20-6 *woe* 13:02 VM

21-6 *don*

22-6 *vry*

23-6 *zat*

24-6 *zon*

25-6 *maa*

26-6 *din*

27-6 *woe* 20:19 LK

28-6 *don*

29-6 *vry*

30-6 *zat*

1-7 *zon*

2-7 *maa*

3-7 *din*

4-7 *woe* 13:01 NM

5-7 *don*

6-7 *vry*

7-7 *zat*

8-7 *zon*

9-7 *maa*

10-7 *din*

11-7 *woe*

12-7 *don* 2:52 EK

13-7 *vry*

14-7 *zat*

15-7 *zon*

Den Helder		52.9667° N, 4.7500° O								Texel Noordzee		53.1167° N, 4.7333° O							
Lat=	NAP	-125								LAT=NAP	-143								
HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
0:25	157	2:46	26	8:20	173	15:05	19	21:07	180	0:16	194	2:36	25	8:25	216	15:10	18	20:55	223
		3:33	23	9:50	180	15:59	13	22:20	175			3:26	24	9:15	222	15:59	13	21:50	218
		4:18	23	10:35	186	16:43	12	23:10	170			4:15	24	9:45	227	16:46	12	22:46	211
		4:56	25	10:57	191	17:28	15	23:56	164			4:56	26	10:40	230	17:26	15	23:37	203
		5:31	27	11:34	194	18:06	22					5:31	28	11:15	230	18:06	21		
		5:56	29	12:14	194	18:46	30	22:20	151			6:05	32	11:55	227	18:40	29		
		6:26	31	13:06	191	19:10	37	23:10	150			6:46	38	12:44	222	19:26	39		
		7:06	36	13:25	187	19:56	44					7:20	45	13:35	216	20:06	48		
0:30	149	7:55	42	14:25	184	20:46	49			2:15	174	8:16	54	14:15	211	20:56	55		
1:50	149	8:46	48	15:10	181	21:34	51			2:47	174	9:06	61	14:50	207	21:50	58		
3:10	152	9:34	53	16:00	178	22:44	48			3:47	178	9:54	66	15:30	205	23:06	57		
4:55	158	10:55	54	17:10	178	23:44	42			5:00	185	11:20	66	16:40	204				
6:00	165	12:05	51	18:07	178							0:00	50	5:55	195	12:36	60	18:25	206
		0:46	37	6:57	173	13:15	47	19:15	178			0:56	44	7:06	205	13:26	53	19:05	207
		1:30	33	8:06	180	14:06	45	20:00	176			1:47	39	7:44	213	14:16	48	19:55	207
		2:26	32	8:45	185	14:57	43	20:37	174			2:26	36	8:45	219	14:56	45	20:37	206
		2:55	31	9:36	188	15:36	41	20:40	171			3:09	34	9:15	223	15:46	43	21:10	204
		3:30	31	9:55	190	16:15	40	21:00	170			3:46	34	9:30	226	16:21	41	21:30	203
		4:00	30	10:20	192	16:55	39	21:44	167			4:16	33	9:54	231	16:57	41	22:05	201
		4:24	29	10:35	195	17:42	39	22:34	163			4:35	33	10:40	235	17:36	41	23:05	197
		5:04	30	11:30	197	18:21	41	23:25	158			5:25	34	11:36	234	18:17	43	23:55	190
		5:50	32	12:25	196	19:01	44					6:16	38	12:26	230	19:06	46		
0:17	153	6:40	36	13:15	193	19:51	47	23:20	151	0:56	182	7:05	43	13:15	225	19:50	50	23:14	178
		7:30	40	14:05	189	20:46	50					8:05	49	14:04	219	20:57	54		
0:26	154	8:40	43	15:10	185	21:51	49			0:14	180	9:06	53	15:26	216	22:05	54		
1:14	156	9:55	44	16:24	185	22:55	46			1:19	183	10:16	53	16:31	217	23:06	50		
2:15	159	11:10	42	17:40	185					5:15	190	11:26	49	17:24	219				
		0:01	42	6:00	165	12:26	39	18:40	184			0:11	44	6:16	201	12:41	42	18:24	220
		0:54	40	6:34	174	13:51	34	19:40	180			1:10	40	6:55	211	13:51	35	19:40	218
		2:16	36	8:27	181	14:53	26	21:07	176			2:16	37	7:57	220	14:56	28	20:55	216
		3:16	32	9:30	188	15:46	21	22:15	173			3:16	34	9:11	228	15:46	22	21:51	213
		3:59	29	10:07	194	16:29	20	23:00	169			3:56	32	9:55	234	16:31	20	22:25	208
		4:36	29	10:44	199	17:12	23	23:36	164			4:42	30	10:36	238	17:13	22	23:16	203
		5:11	28	11:14	201	17:46	29	23:54	160			5:11	29	11:15	239	17:46	27	23:56	197
		5:24	28	11:54	200	18:16	35	21:14	157			5:46	30	11:56	236	18:21	33		
		6:06	29	12:35	196	18:46	42	22:04	158	0:26	191	6:26	34	12:15	229	18:56	42		
		6:35	34	13:16	189	19:15	49	23:05	158	0:47	185	6:56	42	12:54	220	19:36	52	23:04	183
		7:05	42	13:27	183	19:56	55					7:35	52	13:36	212	20:11	61		
0:30	157	7:50	49	14:00	179	20:24	59			0:10	180	8:16	63	14:06	206	20:50	68		
1:44	158	8:46	57	14:40	176	21:14	60			2:10	181	9:00	71	14:40	203	21:45	71		
2:35	160	9:35	62	15:30	175	22:44	57			3:04	185	9:54	77	15:24	202	23:00	68		



Referentievlak : LAT

maan

16-7 maa  
17-7 din  
18-7 woe  
19-7 don  
20-7 vry  
21-7 zat  
22-7 zon  
23-7 maa  
24-7 din  
25-7 woe  
26-7 don  
27-7 vry  
28-7 zat  
29-7 zon  
30-7 maa  
31-7 din  
1-8 woe  
2-8 don  
3-8 vry  
4-8 zat  
5-8 zon  
6-8 maa  
7-8 din  
8-8 woe  
9-8 don  
10-8 vry  
11-8 zat  
12-8 zon  
13-8 maa  
14-8 din  
15-8 woe  
16-8 don  
17-8 vry  
18-8 zat  
19-8 zon  
20-8 maa  
21-8 din  
22-8 woe  
23-8 don  
24-8 vry  
25-8 zat  
26-8 zon  
27-8 maa  
28-8 din

0:57 VM

1:00 LK

22:45 NM

20:21 EK

11:27 VM

5:41 LK

Den Helder										Texel Noordzee									
52.9667° N, 4.7500° O										53.1167° N, 4.7333° O									
Lat= NAP		-125								LAT=NAP		-143							
HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
5:10	166	11:00	64	16:50	175					5:17	193	11:30	75	16:10	203				
		0:05	49	6:24	176	12:15	58	18:30	177			0:16	59	6:36	205	12:56	66	16:44	204
		0:56	42	7:24	184	13:30	52	19:27	177			1:16	50	7:36	216	13:35	57	19:45	207
		1:34	39	8:31	191	14:31	48	20:27	175			2:06	44	8:26	224	14:36	50	20:25	207
		2:35	37	9:16	194	15:26	45	19:34	172			2:35	41	9:05	229	15:26	45	21:05	206
		3:25	36	9:55	197	16:11	40	20:25	170			3:31	38	9:25	233	16:11	41	21:40	205
		4:17	34	10:36	199	16:56	37	21:30	169			4:16	36	9:54	239	16:56	38	22:05	205
		4:56	31	10:50	202	17:36	36	22:14	167			4:56	34	10:24	244	17:36	37	22:54	204
		5:36	30	11:25	205	18:19	37	23:15	165			5:36	33	11:15	246	18:16	39	23:45	200
		6:16	31	12:04	203	18:56	43					6:16	35	12:05	242	18:55	44		
0:06	161	6:56	35	12:44	198	19:41	50	22:44	160	0:36	193	7:06	40	13:06	233	19:41	52	22:45	188
		7:47	41	13:35	190	20:26	57	23:49	164			7:56	48	13:56	223	20:31	60	23:55	191
		8:25	46	14:45	184	21:26	61					8:46	55	14:47	214	21:25	66		
0:55	165	9:30	50	16:00	180	22:25	60			1:00	192	9:57	60	15:54	211	22:46	66		
1:53	165	10:56	50	17:10	180	23:36	55			4:45	194	11:06	58	17:04	212	23:46	60		
5:20	173	12:05	46	18:30	180					5:35	206	12:26	51	18:20	213				
		0:45	49	7:10	183	13:39	39	19:55	180			0:56	53	6:47	218	13:46	42	19:34	215
		2:01	42	8:05	192	14:42	30	21:05	178			2:00	45	8:05	229	14:46	32	20:45	216
		3:00	36	9:04	198	15:32	26	22:05	175			3:02	39	9:07	236	15:33	27	21:35	214
		3:43	33	9:55	202	16:13	27	22:45	171			3:46	36	9:46	241	16:16	28	22:26	210
		4:22	32	10:36	204	16:52	32	23:15	168			4:21	34	10:10	244	16:51	31	22:56	207
		4:51	31	10:54	205	17:26	37	23:14	167			4:52	32	10:56	244	17:26	35	23:16	205
		5:16	30	11:25	203	17:45	42	20:45	167			5:20	31	11:26	241	17:50	39	23:40	203
		5:47	32	12:05	197	18:17	48	21:24	169			5:57	35	11:45	233	18:20	47		
		6:16	38	12:35	189	18:41	54	22:05	170	0:16	198	6:26	44	12:14	222	18:56	58	22:20	198
		6:40	46	12:50	182	18:54	60	23:05	170			7:01	55	12:50	212	19:20	67	23:15	196
		7:16	54	12:30	177	19:24	63					7:30	66	12:10	205	19:56	74		
0:20	168	7:56	60	13:37	175	20:04	65			0:15	192	8:10	75	13:37	200	20:35	78		
1:50	167	8:45	66	14:35	174	21:26	66			2:00	191	9:00	82	14:50	198	21:35	80		
2:57	170	9:45	70	15:40	174	22:56	63			3:05	196	10:16	85	15:35	200	23:16	76		
5:50	178	11:34	66	18:04	177					5:50	205	11:54	77	16:25	203				
		0:10	53	7:05	190	12:45	58	19:07	179			0:36	63	7:00	220	13:16	63	19:20	208
		1:04	47	8:06	198	14:16	51	20:26	179			1:37	53	7:56	231	14:17	52	20:20	213
		2:21	43	8:56	202	15:06	44	21:05	176			2:26	46	8:46	238	15:09	43	21:11	214
		3:15	39	9:35	205	15:56	38	21:57	173			3:22	40	9:25	243	15:56	37	21:56	213
		4:06	34	10:15	207	16:39	33	21:14	172			4:06	35	9:55	248	16:38	32	22:17	213
		4:47	29	10:50	208	17:20	31	22:04	173			4:49	30	10:15	252	17:21	32	22:50	213
		5:32	26	11:15	209	18:03	35	22:44	173			5:32	28	11:05	253	18:01	36	23:36	211
		6:12	28	11:44	205	18:41	44	23:34	172			6:16	31	11:44	247	18:46	45	23:54	205
		6:51	34	12:30	198	19:21	55	22:05	171			6:56	38	12:45	235	19:25	57	22:15	200
		7:36	43	13:26	188	20:07	66	23:25	173			7:36	49	13:36	221	20:06	69	23:24	201
		8:04	52	14:20	179	20:35	72					8:31	59	14:30	209	21:01	78		
0:25	173	9:04	58	15:40	175	21:55	72			0:33	200	9:30	66	15:50	205	22:16	80		
3:50	174	10:35	57	16:57	176	23:16	65			4:26	202	10:51	65	17:06	206	23:36	73		

Referentievlak : LAT

maan

Den Helder		52.9667° N, 4.7500° O								Texel Noordzee		53.1167° N, 4.7333° O													
Lat=	NAP	-125								LAT=NAP	-143														
HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm						
5:10	184	11:44	51	18:35	180					5:15	214	12:10	56	18:24	211										
		0:15	56	6:45	195	13:25	41	19:44	183			0:45	61	6:50	228	13:26	44	19:46	217						
		1:46	46	8:06	204	14:22	32	20:55	183			1:51	49	7:50	239	14:26	34	20:46	219						
		2:40	39	8:55	207	15:12	31	21:45	180			2:46	42	8:46	244	15:16	32	21:20	218						
		3:22	38	9:36	206	15:53	35	22:25	176			3:26	40	9:15	245	15:56	36	21:55	214						
		3:59	38	10:00	205	16:26	42	19:05	174			4:01	40	9:34	245	16:28	41	22:10	213						
		4:26	38	10:14	205	16:56	46	22:20	178			4:31	39	10:15	245	16:50	44	22:24	216						
		4:56	37	10:55	203	17:16	48	22:45	180			4:56	38	10:45	242	17:16	47	23:00	217						
2:34	178	9:26	74	15:10	172	21:44	71		2:25	202	9:30	88	15:26	196	21:54	85									
4:20	182	10:56	71	17:40	175	23:25	63		3:40	209	11:05	83	16:17	200	23:45	74									
6:30	196	12:26	60	18:45	181					6:25	224	12:46	66	18:55	211										
		0:46	54	7:30	206	13:46	51	19:45	183			0:55	60	7:26	238	13:45	51	19:55	218						
		1:55	48	8:26	210	14:46	43	20:45	182			2:06	50	8:16	246	14:46	41	20:45	221						
		2:56	42	9:16	212	15:33	36	21:50	180			2:55	41	8:56	252	15:36	34	21:37	222						
		3:46	35	9:55	212	16:18	32	18:27	181			3:48	33	9:35	255	16:20	30	22:05	223						
		4:32	28	10:25	211	17:01	32	19:10	182			4:33	27	10:10	257	17:02	31	22:30	224						
		5:13	25	10:45	208	17:41	38	22:35	183			5:13	25	10:56	254	17:42	37	23:05	223						
		5:56	28	11:25	202	18:22	48	23:04	183			5:56	29	11:24	245	18:22	48	23:45	219						
6:36	36	12:05	193	19:02	60	23:50	183	6:36	38	12:14	231	18:56	62												
7:19	46	12:50	182	19:36	71	23:37	183	0:14	213	7:21	50	13:10	215	19:35	75	23:20	211								
8:07	57	14:10	174	19:57	77					8:05	63	14:17	203	20:35	85										
0:40	182	9:06	63	15:20	170	21:26	78			0:25	209	9:16	71	15:36	199	21:46	88								
3:30	187	10:26	62	16:44	173	22:51	70					3:50	213	10:36	70	16:50	202	23:06	80						
4:54	195	11:46	54	18:26	179									4:55	223	11:57	60	18:04	209						
		0:00	59	6:35	205	13:01	44									19:36	185	0:26	67	6:35	235	13:06	47	19:26	218
		1:16	50	7:24	211	13:56	38									20:36	187	1:27	54	7:25	244	14:00	39	20:16	222
		2:16	45	8:25	211	14:46	39									21:15	185	2:16	47	8:16	246	14:46	40	21:06	220
		2:52	44	8:54	207	15:26	45	21:50	181							3:01	46	8:35	244	15:26	46	21:20	218		
		3:31	46	9:26	204	15:55	50	20:50	184							3:36	48	9:16	243	15:56	51	21:15	222		
		4:01	46	9:56	203	16:16	52	21:37	190	4:06	48					9:46	242	16:16	52	21:44	227				
		4:26	46	10:14	201	16:35	52	22:30	192	4:31	47	10:16	239			16:46	52	22:25	229						
4:56	48	10:44	195	17:05	54	22:54	191	5:01	50	10:35	231	17:10	56	23:06	225										
5:26	54	11:14	187	17:26	58	20:43	187	5:31	57	11:15	221	17:41	62	23:15	219										
5:35	60	9:10	184	17:46	60	21:14	188	5:57	66	9:15	215	18:06	68	21:29	219										
5:54	65	9:35	182	18:05	61	22:05	186	6:27	73	9:49	212	18:36	73	22:15	215										
6:45	68	11:00	177	18:44	65			7:05	79	10:50	203	19:21	78												
0:30	184	7:46	73	12:05	170	19:55	70	0:30	209	7:56	85	12:24	193	20:05	85										
2:10	185	8:56	76	14:40	167	21:15	73			2:00	209	9:06	89	15:00	190	21:30	87								
3:30	189	10:26	72	17:14	172	22:55	68					3:30	215	10:46	83	17:10	197	23:05	79						
5:55	201	11:56	61	18:15	180									5:34	228	12:06	66	18:31	211						
		0:06	58	6:55	211	13:06	51									19:36	185	0:26	65	6:55	242	13:16	51	19:15	220
		1:25	52	7:56	215	14:11	44									20:24	186	1:36	53	7:40	252	14:11	41	20:05	225

Referentievlak : LAT

maan

16-10 woe 6:23 VM

17-10 don

18-10 vry

19-10 zat

20-10 zon

21-10 maa

22-10 din 21:14 LK

23-10 woe

24-10 don

25-10 vry

26-10 zat

27-10 zon

28-10 maa

29-10 din

30-10 woe 18:38 NM

31-10 don

1-11 vry

2-11 zat

3-11 zon

4-11 maa

5-11 din

6-11 woe

7-11 don 20:51 EK

8-11 vry

9-11 zat

10-11 zon

11-11 maa

12-11 din

13-11 woe

14-11 don 14:52 VM

15-11 vry

16-11 zat

17-11 zon

18-11 maa

19-11 din

20-11 woe

21-11 don 9:33 LK

22-11 vry

23-11 zat

24-11 zon

25-11 maa

Den Helder		52.9667° N, 4.7500° O								Texel Noordzee		53.1167° N, 4.7333° O									
Lat=	NAP	-125								LAT=NAP	-143										
HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm		
		2:26	45	8:46	215	15:06	39	17:25	186			2:25	43	8:26	256	15:02	35	21:06	228		
		3:21	37	9:15	212	15:56	35	18:07	190			3:23	34	9:05	257	15:51	33	21:24	230		
		4:11	30	10:14	209	16:38	37	18:47	192			4:12	28	9:56	255	16:36	34	21:54	232		
		4:56	27	10:50	203	17:19	42	19:32	192			4:56	27	10:25	249	17:16	40	22:34	233		
		5:36	30	11:20	195	17:59	51	22:55	194			5:40	30	11:05	238	17:56	51	23:20	231		
		6:19	38	12:00	185	18:37	62	23:40	194			6:21	39	12:16	224	18:36	63	23:54	226		
		7:01	49	11:34	176	18:50	70					7:06	52	13:16	209	19:15	74	23:50	221		
		7:46	59	11:40	170	19:30	74					7:56	64	14:15	199	19:54	83				
		8:40	65	15:00	166	20:40	77					8:56	72	15:15	195	21:05	87				
0:20	193	9:55	65	16:04	169	22:10	72			3:25	222	10:00	72	16:26	197	22:26	83				
2:00	193	10:55	59	17:56	175	23:14	64			4:24	228	11:15	65	17:46	204	23:46	73				
3:10	197	12:15	52	19:06	183					5:37	235	12:26	56	18:44	213						
		0:24	57	6:45	210	13:25	48	19:56	187			0:56	63	6:55	241	13:32	50	19:45	219		
		1:37	53	7:45	209	14:16	49	20:25	187			1:45	56	7:25	241	14:10	50	20:25	221		
		2:26	53	7:05	204	13:46	52	19:20	187			2:31	55	7:16	239	13:46	54	19:27	223		
		1:56	54	7:25	201	14:15	54	19:40	193			2:06	56	7:46	237	14:16	56	19:55	229		
		2:31	54	8:04	200	14:45	54	20:20	198			2:30	56	7:55	235	14:46	55	20:25	234		
		3:01	54	8:40	197	15:06	52	21:04	201			3:06	56	8:34	232	15:10	54	21:06	236		
		3:26	56	9:14	193	15:14	53	21:30	199			3:30	58	9:15	227	15:35	56	21:24	234		
		3:50	59	9:30	186	15:34	54	21:50	196			4:06	63	9:40	219	16:05	59	21:45	230		
		4:16	63	7:40	183	16:10	55	22:15	194			4:25	68	7:45	212	16:37	63	22:15	225		
		4:40	66	8:15	182	16:45	57	20:35	192			5:01	72	8:19	210	17:11	67	20:45	222		
		5:20	69	8:55	177	17:36	61	23:50	191			5:40	77	9:15	203	17:56	74	23:30	217		
		6:05	73	10:25	171	18:25	66					6:36	82	10:46	194	18:50	80				
		1:00	192	7:36	75	11:44	167	19:35	70					0:30	216	7:45	85	11:45	189	19:54	84
		2:14	195	8:50	71	12:55	166	21:16	67					2:10	220	9:16	80	15:40	192	21:24	79
		4:16	202	10:05	62	16:45	175	22:24	60					4:06	230	10:36	66	16:56	206	22:56	67
		5:21	211	11:26	53	17:45	182	23:40	53					5:05	242	11:36	53	17:56	217	23:56	55
6:15	214	12:36	48	18:56	186					6:06	250	12:36	45	18:46	225						
		0:56	48	6:55	212	13:36	44	16:00	190			1:06	46	6:56	253	13:32	40	19:14	230		
		1:59	40	7:47	208	14:29	41	16:46	193			1:56	38	7:34	251	14:26	39	20:04	235		
		2:52	34	8:50	202	15:16	41	20:05	196			2:52	32	8:24	247	15:11	40	20:34	238		
		3:40	31	9:54	196	16:00	45	20:55	200			3:36	29	9:14	239	15:56	44	21:14	240		
		4:23	33	10:46	188	16:36	51	22:00	202			4:23	32	10:15	229	16:36	50	22:10	239		
		5:06	40	11:07	179	17:16	57	23:00	202			5:06	40	11:05	217	17:15	58	23:05	236		
		5:47	49	9:20	172	17:15	61	23:47	202			5:46	50	12:06	205	17:57	66	23:47	231		
		6:36	58	10:04	170	18:04	64					6:36	60	12:50	196	18:36	73				
		0:35	201	7:16	64	11:14	165	18:55	68					0:47	227	7:26	69	13:45	191	19:37	79
		1:45	201	8:16	67	14:20	164	20:05	70					1:56	226	8:26	73	14:46	191	20:36	81
		2:45	201	9:26	66	15:10	168	21:36	68					2:35	226	9:30	72	15:40	196	21:45	79
		3:50	201	10:26	61	16:40	174	22:40	63					3:44	228	10:46	68	16:35	203	23:00	73



Referentievlak : LAT

maan

26-11 din  
27-11 woe  
28-11 don  
29-11 vry  
30-11 zat  
1-12 zon  
2-12 maa  
3-12 din  
4-12 woe  
5-12 don  
6-12 vry  
7-12 zat  
8-12 zon  
9-12 maa  
10-12 din  
11-12 woe  
12-12 don  
13-12 vry  
14-12 zat  
15-12 zon  
16-12 maa  
17-12 din  
18-12 woe  
19-12 don  
20-12 vry  
21-12 zat  
22-12 zon  
23-12 maa  
24-12 din  
25-12 woe  
26-12 don  
27-12 vry  
28-12 zat  
29-12 zon  
30-12 maa  
31-12 din

13:18 NM

10:03 EK

1:06 VM

2:56 LK

7:53 NM

Den Helder										Texel Noordzee									
52.9667° N, 4.7500° O										53.1167° N, 4.7333° O									
Lat= NAP		-125								LAT=NAP		-143							
HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm
5:00	201	11:20	57	17:57	182	23:40	60			4:54	230	11:25	63	17:50	211				
5:54	201	12:16	55	18:40	187							0:00	67	5:50	231	12:26	59	18:20	218
		0:35	59	6:20	198	12:55	54	18:57	192			0:56	64	6:24	230	13:05	57	18:45	225
		1:27	59	6:50	196	13:36	53	19:27	197			1:31	62	7:10	229	13:46	56	19:24	231
		2:06	59	7:34	195	14:11	51	20:10	201			2:11	61	7:45	227	14:17	55	19:54	235
		2:36	59	7:50	192	14:24	50	20:54	204			2:40	61	8:07	224	14:46	54	20:34	238
		2:54	60	8:10	190	14:44	49	21:24	204			3:16	62	8:25	221	15:10	53	20:54	239
		3:36	61	8:35	186	15:26	48	21:30	203			3:46	64	9:10	217	15:45	54	21:35	239
		3:55	62	9:24	181	15:50	48	22:05	202			4:15	66	9:56	210	16:16	55	22:15	236
		4:24	64	7:55	177	16:36	51	23:00	200			4:46	68	8:05	203	16:50	58	23:06	231
		4:55	67	8:34	174	17:04	54	23:50	198			5:31	71	8:56	200	17:35	64	23:35	226
		6:00	70	10:00	171	17:55	59					6:26	76	9:59	196	18:36	71		
0:56	197	7:10	72	11:16	170	19:07	63			0:37	223	7:25	79	11:05	193	19:46	76	23:54	223
1:35	196	8:25	70	12:05	170	20:25	63					8:47	77	12:15	194	21:01	74		
3:17	198	9:46	64	13:15	173	21:55	59			3:14	227	10:01	68	13:19	198	22:16	67		
4:40	203	10:50	56	14:05	178	23:11	53			4:24	234	11:06	58	17:05	210	23:26	57		
5:34	206	11:55	52	17:57	184					5:24	240	12:06	51	18:05	221				
		0:26	49	6:27	204	13:06	49	18:27	190			0:30	48	6:36	242	13:05	46	18:44	229
		1:36	42	7:30	199	14:06	45	19:10	195			1:37	41	7:25	240	14:06	44	19:44	236
		2:36	34	8:50	194	14:56	43	21:00	200			2:33	34	8:14	235	14:53	42	20:34	241
		3:23	31	9:56	188	15:43	43	21:40	205			3:26	30	9:25	229	15:37	43	21:17	244
		4:10	32	10:35	182	16:22	44	22:20	208			4:09	31	10:16	221	16:16	44	22:16	245
		4:52	37	11:00	174	16:56	46	23:05	209			4:51	36	11:01	213	16:57	47	22:44	243
		5:26	45	8:14	172	17:04	48	23:45	207			5:36	44	11:46	203	17:30	51	23:46	238
		6:06	53	9:14	171	17:34	51					6:11	53	9:19	196	18:16	58		
0:25	203	6:46	61	10:24	169	18:30	55			0:14	231	6:56	63	10:14	191	18:45	66		
1:04	198	7:14	67	11:44	166	19:14	62			0:57	224	7:35	72	11:37	186	19:46	74		
1:50	193	8:15	70	13:00	165	20:05	68			1:40	218	8:24	78	14:10	187	20:35	80		
2:40	190	9:15	70	15:07	169	21:40	71			2:20	215	9:36	78	15:30	193	21:50	82		
3:40	189	10:25	64	16:20	176	22:55	67			3:20	214	10:40	73	16:34	203	23:10	77		
4:40	190	11:20	57	17:30	184	23:44	63			4:40	215	11:46	66	17:46	213				
5:30	190	12:10	52	18:34	192							0:11	70	5:50	217	12:26	59	18:24	222
		0:45	60	6:30	190	12:55	49	19:17	197			1:06	65	6:37	218	13:10	54	19:26	229
		1:24	59	7:00	188	13:46	48	20:16	201			1:40	61	7:30	218	13:56	52	20:06	233
		2:26	58	6:30	187	14:10	47	20:56	203			2:26	60	7:57	216	14:15	51	20:36	236
		3:06	57	7:15	186	14:30	45	21:07	204			3:06	59	7:57	215	14:55	49	20:34	240