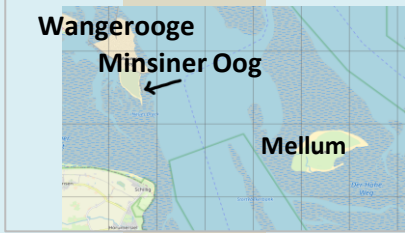
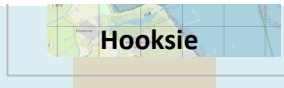


		Minsener Oog, Buhne C 53°45'0.0"N, 8°1'59.9"E				 Wangerooge Minsiner Oog Mellum				Helgoland 54°10'44"N 7°53'24"E				 Helgoland 23 Tumlaeu Hafen Büsum Trisch 16				Schillig 53°41'55"N 8°03'05"E 0:28 HW € 60 0:13 LW e 10				 Mellum Schillig Hooksie											
Referentievlak :LAT	HW lw	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm						
datum	dag	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						
1-1	zon			01:03	101	07:03	366	13:38	85	19:42	314			01:06	79	06:48	309	13:40	67	19:24	267			1:09	91	7:18	396	13:44	75	19:57	344		
2-1	maa			02:01	101	08:09	351	14:41	86	20:48	314			02:00	74	07:53	298	14:41	68	20:27	267			2:07	91	8:24	381	14:47	76	21:03	344		
3-1	din			03:10	95	09:18	339	15:44	84	21:51	317			03:08	68	09:00	287	15:48	67	21:30	269			3:16	85	9:33	369	15:50	74	22:06	347		
4-1	woe			04:17	82	10:23	332	16:46	82	22:46	323			04:20	59	10:04	280	16:50	65	22:26	273			4:23	72	10:38	362	16:52	72	23:01	353		
5-1	don			05:17	71	11:19	330	17:40	83	23:31	331			05:19	53	11:00	278	17:38	67	23:12	280			5:23	61	11:34	360	17:46	73	23:46	361		
6-1	vry			06:07	68	12:04	333	18:25	86	00:08	341			06:04	54	11:45	281	18:18	72	23:51	290			6:13	58	12:19	363	18:31	76	0:23	371		
7-1	zat	01:08 VM	00:08	341	06:49	73	12:41	339	19:05	92	00:43	355			06:41	61	12:22	288	18:51	79	00:26	303	0:23	371	6:55	63	12:56	369	19:11	82			
8-1	zon		00:43	355	07:27	81	13:14	348	19:41	98			00:26	303	07:15	70	12:56	298	19:24	86			0:58	385	7:33	71	13:29	378	19:47	88			
9-1	maa		01:18	368	08:02	88	13:47	354	20:15	104			01:00	315	07:49	76	13:32	306	19:58	93			1:33	398	8:08	78	14:02	384	20:21	94			
10-1	din		01:52	375	08:38	92	14:20	354	20:48	110			01:36	323	08:23	81	14:09	308	20:31	100			2:07	405	8:44	82	14:35	384	20:54	100			
11-1	woe		02:24	376	09:12	94	14:52	348	21:19	115			02:11	325	08:57	83	14:45	303	21:03	103			2:39	406	9:18	84	15:07	378	21:25	105			
12-1	don		02:54	373	09:44	93	15:23	338	21:50	116			02:43	320	09:29	82	15:19	293	21:34	101			3:09	403	9:50	83	15:38	368	21:56	106			
13-1	vry		03:25	367	10:15	90	15:55	330	22:22	111			03:14	313	10:02	79	15:51	284	22:08	96			3:40	397	10:21	80	16:10	360	22:28	101			
14-1	zat		04:01	361	10:50	87	16:31	323	23:00	107			03:48	306	10:38	75	16:26	278	22:49	91			4:16	391	10:56	77	16:46	353	23:06	97			
15-1	zon	03:10 LK	04:42	351	11:30	89	17:14	317	23:45	109			04:30	299	11:21	75	17:09	274	23:38	91			4:57	381	11:36	79	17:29	347	23:51	99			
16-1	maa		05:32	340	12:20	98	18:07	312	00:41	118			05:20	292	12:12	80	18:01	272	00:35	95							5:47	370	12:26	88	18:22	342	
17-1	din			00:41	118	06:33	328	13:22	109	19:15	309			00:35	95	06:20	285	13:13	86	19:05	272					0:47	108	6:48	358	13:28	99	19:30	339
18-1	woe			01:51	126	07:45	321	14:36	113	20:32	315			01:45	100	07:29	280	14:25	89	20:20	276					1:57	116	8:00	351	14:42	103	20:47	345
19-1	don			03:11	120	09:02	322	15:50	104	21:45	329			03:08	95	08:48	280	15:41	85	21:32	286					3:17	110	9:17	352	15:56	94	22:00	359
20-1	vry			04:26	100	10:18	330	16:58	88	22:52	348			04:23	80	10:02	284	16:49	74	22:35	298					4:32	90	10:33	360	17:04	78	23:07	378
21-1	zat	21:53 NM		05:35	74	11:29	341	18:03	72	23:54	364			05:29	60	11:09	289	17:51	62	23:33	308					5:41	64	11:44	371	18:09	62	0:09	394
22-1	zon			06:40	49	12:34	351	19:05	58	00:51	378			06:32	41	12:09	293	18:49	50	00:27	316	0:09	394	6:46	39	12:49	381	19:11	48				
23-1	maa		00:51	378	07:39	30	13:32	356	20:00	47			00:27	316	07:30	26	13:03	293	19:43	41			1:06	408	7:45	20	13:47	386	20:06	37			
24-1	din		01:45	388	08:31	21	14:25	355	20:49	42			01:19	322	08:22	19	13:54	291	20:32	37			2:00	418	8:37	11	14:40	385	20:55	32			
25-1	woe		02:34	394	09:18	22	15:12	350	21:32	43			02:09	326	09:10	20	14:41	287	21:17	37			2:49	424	9:24	12	15:27	380	21:38	33			
26-1	don		03:19	396	10:01	31	15:54	342	22:12	48			02:55	328	09:54	29	15:24	282	21:59	42			3:34	426	10:07	21	16:09	372	22:18	38			
27-1	vry		04:02	393	10:40	43	16:32	333	22:50	55			03:39	326	10:35	40	16:06	276	22:39	47			4:17	423	10:46	33	16:47	363	22:56	45			
28-1	zat	16:19 EK	04:43	383	11:19	55	17:11	324	23:29	63			04:21	318	11:15	50	16:47	270	23:21	51			4:58	413	11:25	45	17:26	354	23:35	53			
29-1	zon		05:29	365	12:01	67	17:55	314	00:16	73			05:07	304	11:57	58	17:34	262	00:10	56			5:44	395	12:07	57	18:10	344	0:22	63			
30-1	maa			00:16	73	06:22	341	12:51	83	18:48	302			00:10	56	06:03	286	12:48	66	18:31	255					0:22	63	6:37	371	12:57	73	19:03	332
31-1	din			01:14	84	07:26	318	13:53	98	19:53	294			01:11	61	07:09	268	13:49	74	19:38	250					1:20	74	7:41	348	13:59	88	20:08	324
1-2	woe			02:26	91	08:40	306	15:05	105	21:07	297			02:24	64	08:24	258	15:03	78	20:51	253					2:32	81	8:55	336	15:11	95	21:22	327
2-2	don			03:43	88	09:56	311	16:18	101	22:17	314			03:47	63	09:43	259	16:22	77	22:04	265					3:49	78	10:11	341	16:24	91	22:32	344
3-2	vry			04:53	78	11:00	326	17:21	93	23:13	335			04:58	59	10:49	270	17:20	74	23:01	281					4:59	68	11:15	356	17:27	83	23:28	365
4-2	zat			05:50	73	11:49	340	18:12	87	23:57	354			05:48	60	11:36	282	18:03	76	23:43	296					5:56	63	12:04	370	18:18	77	0:12	384
5-2	zon	19:28 VM		06:37	74	12:28	349	18:54	87	00:34	366			06:28	65	12:13	291	18:39	80	00:18	307	0:12	384	6:43	64	12:43	379	19:00	77				
6-2	maa		00:34	366	07:16	78	13:03	354	19:30	87			00:18	307	07:03	69	12:45	299	19:12	81	00:50	315	0:49	396	7:22	68	13:18	384	19:36	77			
7-2	din		01:08	374	07:52	76	13:35	356	20:04	85			00:50	315	07:36	68	13:17	303	19:45	78			1:23	404	7:58	66	13:50	386	20:10	75			
8-2	woe		01:40	376	08:26	70	14:07	356	20:36	80			01:22	317	08:08	63	13:50	302	20:16	73			1:55	406	8:32	60	14:22	386	20:42	70			
9-2	don		02:10	375	08:57	62	14:38	352	21:06	75			01:55	315	08:39	56	14:24	297	20:47	67			2:25	405	9:03	52	14:53	382	21:12	65			

Referentievlak :LAT lw

datum dag

						54°10'44"N 7°53'24"E										0:13		LW e 10						Hooksie			
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		
02:39	371	09:27	57	15:06	345	21:35	73					02:28	309	09:09	51	14:56	290	21:16	61					2:54	401		
03:09	365	09:55	58	15:33	339	22:04	71					02:58	303	09:38	50	15:24	284	21:47	58					3:24	395		
03:40	360	10:24	63	16:02	334	22:35	72					03:27	299	10:08	52	15:53	281	22:21	59					3:55	390		
04:15	353	10:57	72	16:35	330	23:12	79					04:00	296	10:45	59	16:29	280	23:02	67					4:30	383		
04:56	343	11:38	86	17:19	323	00:01	94					04:43	292	11:29	71	17:15	278	23:54	80					5:11	373		
		00:01	94	05:50	328	12:33	106	18:22	313			05:40	282	12:26	85	18:17	273	01:02	90						0:07	84	
		01:06	113	07:05	312	13:50	122	19:48	309					01:02	90	06:52	270	13:42	95	19:37	271					1:12	103
		02:36	116	08:37	309	15:23	116	21:20	321					02:37	89	08:25	266	15:16	90	21:07	278					2:42	106
		04:08	93	10:07	322	16:46	92	22:38	345					04:07	69	09:55	272	16:36	73	22:23	292					4:14	83
		05:28	60	11:23	342	17:58	64	23:43	369					05:21	45	11:06	283	17:43	53	23:26	306					5:34	50
		06:34	32	12:25	357	18:58	42	00:40	387					06:24	25	12:02	291	18:41	37	00:19	317					6:40	22
00:40	387	07:30	16	13:20	362	19:49	30					00:19	317	07:18	14	12:51	293	19:31	27					0:55	417		
01:31	397	08:18	13	14:08	360	20:33	26					01:07	325	08:06	13	13:36	292	20:15	24					1:46	427		
02:17	401	09:00	17	14:50	354	21:12	28					01:52	328	08:49	18	14:17	289	20:56	24					2:32	431		
02:58	397	09:37	26	15:25	346	21:47	30					02:32	326	09:26	26	14:54	285	21:32	26					3:13	427		
03:34	386	10:10	35	15:54	339	22:20	34					03:10	319	10:00	35	15:29	280	22:06	28					3:49	416		
04:09	369	10:41	46	16:24	333	22:53	40					03:47	305	10:31	43	16:04	273	22:41	32					4:24	399		
04:47	347	11:15	62	17:01	322	23:32	53					04:27	288	11:06	52	16:43	265	23:22	41					5:02	377		
05:32	322	11:55	86	17:46	307	00:21	76					05:17	268	11:49	67	17:36	255	00:17	57					5:47	352		
		00:21	76	06:31	299	12:50	116	18:48	293					00:17	57	06:22	251	12:50	86	18:45	248					0:27	66
		01:29	103	07:47	289	14:12	140	20:11	292					01:31	74	07:40	244	14:12	101	20:05	252					1:35	93
		03:00	115	09:18	299	15:45	136	21:42	314					03:05	83	09:11	252	15:49	102	21:31	269					3:06	105
		04:26	105	10:32	324	16:57	116	22:47	345					04:30	78	10:26	269	16:54	93	22:37	290					4:32	95
		05:28	88	11:25	344	17:50	96	23:35	366					05:24	72	11:16	285	17:39	85	23:22	304					5:34	78
		06:16	76	12:06	354	18:33	84	00:13	375					06:05	67	11:52	293	18:17	78	23:57	310					6:22	66
00:13	375	06:56	68	12:41	357	19:09	76	00:47	375					06:40	61	12:23	296	18:51	69	00:29	310					19:15	66
00:47	375	07:30	60	13:13	357	19:42	66					00:29	310	07:13	52	12:53	296	19:23	57					1:02	405		
01:18	372	08:02	49	13:44	357	20:13	55					01:01	307	07:44	42	13:25	295	19:55	46					1:33	402		
01:48	370	08:32	40	14:15	356	20:44	47					01:33	304	08:15	34	13:58	293	20:25	39					2:03	400		
02:18	369	09:02	39	14:42	353	21:13	47					02:05	301	08:44	33	14:28	290	20:55	37					2:33	399		
02:48	366	09:30	46	15:09	350	21:41	51					02:35	299	09:12	37	14:57	288	21:25	40					3:03	396		
03:19	361	09:58	57	15:37	347	22:12	58					03:05	296	09:41	45	15:25	288	21:57	48					3:34	391		
03:53	353	10:29	69	16:11	344	22:49	68					03:37	293	10:15	57	15:59	288	22:37	59					4:08	383		
04:34	339	11:08	86	16:55	335	23:37	85					04:20	285	10:58	72	16:46	283	23:30	73					4:49	369		
05:31	319	12:02	109	18:01	321	00:45	104					05:19	270	11:57	89	17:52	275	00:45	82					5:46	349		
		00:45	104	06:55	302	13:24	129	19:33	314					00:45	82	06:41	256	13:22	99	19:22	270					0:51	94
		02:23	107	08:34	305	15:11	120	21:09	330					02:33	76	08:26	256	15:08	89	21:00	280					2:29	97
		04:01	79	10:02	327	16:37	88	22:26	359					03:59	53	09:52	270	16:26	66	22:15	298					4:07	69
		05:17	46	11:13	350	17:46	57	23:29	384					05:12	32	10:55	284	17:31	46	23:14	315					5:23	36
		06:19	24	12:11	363	18:42	38	00:23	398					06:11	18	11:47	292	18:25	32	00:03	325					6:25	14
00:23	398	07:11	16	13:01	364	19:29	30					00:03	325	07:00	14	12:31	295	19:11	25	00:47	328					0:38	428
01:10	401	07:55	18	13:44	360	20:10	27					00:47	328	07:43	16	13:10	294	19:53	20					1:25	431		
01:52	397	08:33	23	14:19	355	20:45	25					01:26	326	08:20	21	13:47	292	20:30	17					2:07	427		
02:29	386	09:06	28	14:48	352	21:17	22					02:04	318	08:53	25	14:22	289	21:03	15					2:44	416		

lw



7°53'24"E



Hooksie

datum	dag	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	
26-3	zon	04:03	372	10:35	30	16:14	350	22:47	23			03:40	307	10:22	30	15:55	286	22:34	17			4:18	402	10:41	20	16:29	380	22:53	13			
27-3	maa	04:35	355	11:02	40	16:44	347	23:19	32			04:16	292	10:50	30	16:28	281	23:06	25			4:50	385	11:08	30	16:59	377	23:25	22			
28-3	din	05:10	336	11:32	60	17:18	338	23:53	52			04:54	277	11:22	50	17:03	274	23:43	42			5:25	366	11:38	50	17:33	368	23:52	40			
29-3	woe	04:32 EK	05:50	318	12:08	90	18:00	325	00:35	80		05:39	263	12:01	70	17:49	268	00:31	60							6:05	348	12:14	85	18:15	355	
30-3	don			00:35	80	06:41	301	12:55	132	18:56	312			00:31	60	06:36	252	12:53	103	18:54	264				0:41	70	6:56	331	13:01	122	19:11	342
31-3	vry			01:34	120	07:52	290	14:06	166	20:16	307			01:39	90	07:51	247	14:10	125	20:15	267				1:40	110	8:07	320	14:12	156	20:31	337
1-4	zat			03:08	140	09:26	297	15:55	170	21:55	324			03:14	100	09:20	255	15:55	128	21:42	281				3:14	130	9:41	327	16:01	160	22:10	354
2-4	zon			04:48	120	10:50	320	17:20	141	23:08	352			04:47	90	10:43	271	17:13	111	22:55	298				4:54	110	11:05	350	17:26	131	23:23	382
3-4	maa			05:54	100	11:48	342	18:16	109	23:59	369			05:46	70	11:38	285	18:03	91	23:45	307				6:00	90	12:03	372	18:22	99	0:14	399
4-4	din			06:42	70	12:32	353	19:00	86	00:40	371			06:30	60	12:17	292	18:44	72	00:25	307	0:14	399	6:48	60	12:47	383	19:06	76			
5-4	woe		00:40	371	07:21	60	13:08	356	19:37	70		00:25	307	07:07	40	12:51	292	19:20	56			0:55	401	7:27	50	13:23	386	19:43	60			
6-4	don	06:34 VM	01:14	367	07:56	50	13:41	356	20:11	58		01:00	302	07:41	30	13:23	291	19:54	42			1:29	397	8:02	40	13:56	386	20:17	48			
7-4	vry		01:48	364	08:29	40	14:15	357	20:44	47		01:32	299	08:14	30	13:55	292	20:28	34			2:03	394	8:35	30	14:30	387	20:50	37			
8-4	zat		02:22	365	09:02	30	14:47	359	21:17	42		02:05	298	08:46	20	14:27	293	21:01	31			2:37	395	9:08	20	15:02	389	21:23	32			
9-4	zon		02:56	366	09:34	30	15:18	361	21:50	43		02:37	298	09:18	30	14:59	295	21:33	34			3:11	396	9:40	20	15:33	391	21:56	33			
10-4	maa		03:29	364	10:06	40	15:49	361	22:22	49		03:11	297	09:48	30	15:32	297	22:06	40			3:44	394	10:12	30	16:04	391	22:28	39			
11-4	din		04:04	356	10:37	60	16:21	360	22:57	57		03:46	293	10:19	50	16:05	298	22:42	48			4:19	386	10:43	50	16:36	390	23:03	47			
12-4	woe		04:42	344	11:11	70	17:01	357	23:38	67		04:25	285	10:56	60	16:44	296	23:26	57			4:57	374	11:17	60	17:16	387	23:44	57			
13-4	don	11:11 LK	05:30	326	11:53	90	17:51	347	00:30	80		05:14	272	11:42	70	17:36	289	00:26	60			5:45	356	11:59	80	18:06	377	0:36	70			
14-4	vry			00:30	80	06:36	308	12:51	113	19:02	334			00:26	60	06:21	257	12:48	89	18:47	280				0:36	70	6:51	338	12:57	103	19:17	364
15-4	zat			01:43	90	08:03	301	14:19	127	20:33	335			01:53	70	07:52	249	14:24	93	20:23	280				1:49	80	8:18	331	14:25	117	20:48	365
16-4	zon			03:23	90	09:32	314	16:01	111	21:59	355			03:31	50	09:24	257	15:57	79	21:50	294				3:29	80	9:47	344	16:07	101	22:14	385
17-4	maa			04:48	60	10:51	338	17:19	81	23:11	382			04:48	40	10:38	273	17:09	59	22:59	312				4:54	50	11:06	368	17:25	71	23:26	412
18-4	din			05:58	30	11:58	359	18:24	55	00:10	400			05:55	20	11:38	286	18:12	43	23:55	324				6:04	20	12:13	389	18:30	45	0:25	430
19-4	woe		00:10	400	06:56	20	12:52	367	19:18	40				06:51	10	12:26	293	19:04	33	00:42	327	0:25	430	7:02	10	13:07	397	19:24	30			
20-4	don	06:14 NM	01:02	403	07:45	20	13:36	365	20:03	33		00:42	327	07:37	20	13:07	294	19:49	26			1:17	433	7:51	10	13:51	395	20:09	23			
21-4	vry		01:46	397	08:26	20	14:14	361	20:43	27		01:23	322	08:16	20	13:44	293	20:28	19			2:01	427	8:32	10	14:29	391	20:49	17			
22-4	zat		02:26	386	09:02	20	14:46	361	21:17	20		02:01	315	08:50	20	14:19	294	21:04	13			2:41	416	9:08	10	15:01	391	21:23	10			
23-4	zon		03:03	376	09:34	20	15:14	364	21:49	16		02:39	306	09:20	20	14:54	294	21:36	12			3:18	406	9:40	10	15:29	394	21:55	6			
24-4	maa		03:38	365	10:03	30	15:44	365	22:20	22		03:17	297	09:49	30	15:28	293	22:08	18			3:53	395	10:09	20	15:59	395	22:26	12			
25-4	din		04:11	353	10:32	50	16:18	363	22:53	39		03:55	287	10:20	40	16:02	291	22:40	35			4:26	383	10:38	40	16:33	393	22:59	29			
26-4	woe		04:46	341	11:04	70	16:53	357	23:27	66		04:33	279	10:53	60	16:38	289	23:17	58			5:01	371	11:10	60	17:08	387	23:33	56			
27-4	don	23:20 EK	05:25	329	11:39	100	17:34	350	00:08	90		05:14	271	11:30	90	17:21	289	00:03	80			5:40	359	11:45	90	17:49	380	0:14	80			
28-4	vry			00:08	90	06:12	318	12:22	139	18:26	343			00:03	80	06:06	266	12:17	116	18:18	289				0:14	80	6:27	348	12:28	129	18:41	373
29-4	zat			01:02	120	07:14	310	13:23	163	19:35	339			01:04	100	07:12	263	13:22	133	19:30	291				1:08	110	7:29	340	13:29	153	19:50	369
30-4	zon			02:19	140	08:33	312	14:49	168	20:58	345			02:23	100	08:31	267	14:47	133	20:50	296				2:25	130	8:48	342	14:55	158	21:13	375
1-5	maa			03:51	120	09:52	326	16:19	143	22:12	358			03:47	90	09:46	277	16:14	113	22:02	302				3:57	110	10:07	356	16:25	133	22:27	388
2-5	din			04:59	90	10:55	344	17:23	110	23:09	366			04:52	70	10:46	286	17:14	87	22:59	304				5:05	80	11:10	374	17:29	100	23:24	396
3-5	woe			05:51	60	11:44	355	18:13	82	23:55	367			05:42	50	11:33	291	18:01	64	23:45	302				5:57	50	11:59	385	18:19	72	0:10	397
4-5	don			06:35	50	12:25	360	18:55	64	00:35	365			06:24	40	12:13	292	18:42	48	00:24	298	0:10	397	6:41	40	12:40	390	19:01	54			
5-5	vry	19:34 VM	00:35	365	07:14	40	13:03	363	19:34	53		00:24	298	07:03	30	12:48	294	19:21	39			0:50	395	7:20	30	13:18	393	19:40	43			
6-5	zat		01:15	366	07:52	30	13:42	367	20:12	45		01:00	297	07:40	30	13:23	297	20:00	35			1:30	396	7:58	20	13:57	397	20:18	35			
7-5	zon		01:54	369	08:30	30	14:19	372	20:51	41		01:34	299	08:17	30	13:57	303	20:38	34			2:09	399	8:36	20	14:34	402	20:57	31			
8-5	maa		02:35	369	09:08	40	14:56	376	21:29	40		02:11	301	08:53	30	14:34	309	21:16	36			2:50	399	9:14	30	15:11	406	21:35	30	3:30	395	

Referentievlak :LAT		lw										54°10'44"N 7°53'24"E								0:13		LW e 10																		
datum	dag	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm			
9-5	din	03:15	365	09:46	40	15:33	378	22:08	43			02:52	299	09:28	40	15:13	312	21:55	38							9:52	30	15:48	408	22:14	33	4:11	384							
10-5	woe	03:56	354	10:22	50	16:12	379	22:49	49			03:36	291	10:05	50	15:54	312	22:37	41						4:11	384	10:28	40	16:27	409	22:55	39								
11-5	don	04:40	340	11:02	70	16:56	375	23:35	57			04:24	280	10:47	50	16:41	308	23:28	46						4:55	370	11:08	60	17:11	405	23:41	47								
12-5	vry	05:34	326	11:49	80	17:52	368	00:31	60			05:20	268	11:40	60	17:38	302	00:34	50						5:49	356	11:55	70	18:07	398	0:37	50								
13-5	zat			00:31	60	06:40	315	12:51	100	19:01	363			00:34	50	06:28	259	12:50	77	18:49	298					0:37	50	6:55	345	12:57	90	19:16	393							
14-5	zon			01:45	70	07:57	315	14:12	106	20:21	367			01:58	50	07:47	257	14:16	77	20:12	301					1:51	60	8:12	345	14:18	96	20:36	397							
15-5	maa			03:08	60	09:14	327	15:35	94	21:36	381			03:14	40	09:03	265	15:33	67	21:28	310					3:14	50	9:29	357	15:41	84	21:51	411							
16-5	din			04:21	50	10:26	343	16:47	76	22:44	394			04:23	30	10:10	276	16:42	55	22:32	319					4:27	40	10:41	373	16:53	66	22:59	424							
17-5	woe			05:25	30	11:29	355	17:51	59	23:43	396			05:28	30	11:08	284	17:45	45	23:27	321					5:31	20	11:44	385	17:57	49	23:58	426							
18-5	don			06:22	30	12:21	358	18:46	46	00:34	389			06:23	20	11:56	288	18:39	35	00:15	315					6:28	20	12:36	388	18:52	36									
19-5	vry	17:53 NM	00:34	389	07:11	20	13:03	357	19:33	36			00:15	315	07:08	20	12:37	289	19:24	27	00:57	307			0:49	419	7:17	10	13:18	387	19:39	26								
20-5	zat		01:19	377	07:54	30	13:39	357	20:14	28			00:57	307	07:46	30	13:14	291	20:03	21					1:34	407	8:00	20	13:54	387	20:20	18								
21-5	zon		02:00	369	08:31	30	14:11	362	20:49	23			01:36	300	08:18	30	13:50	294	20:38	18					2:15	399	8:37	20	14:26	392	20:55	13								
22-5	maa		02:38	365	09:05	30	14:44	370	21:24	26			02:16	296	08:50	30	14:28	298	21:11	22					2:53	395	9:11	20	14:59	400	21:30	16								
23-5	din		03:16	363	09:38	50	15:20	374	21:58	39			02:56	295	09:23	40	15:05	302	21:46	35					3:31	393	9:44	40	15:35	404	22:04	29								
24-5	woe		03:52	360	10:11	60	15:57	376	22:33	60			03:36	293	09:57	60	15:43	305	22:21	55					4:07	390	10:17	50	16:12	406	22:39	50								
25-5	don		04:27	353	10:44	90	16:34	375	23:09	83			04:15	291	10:32	80	16:19	308	22:59	75					4:42	383	10:50	80	16:49	405	23:15	73								
26-5	vry		05:04	345	11:19	110	17:13	374	23:49	101			04:55	287	11:08	100	16:58	311	23:42	90					5:19	375	11:25	100	17:28	404	23:48	90								
27-5	zat	17:22 EK	05:47	336	12:00	130	17:58	370	00:37	110			05:41	283	11:51	110	17:47	311	00:34	90								6:02	366	12:06	122	18:13	400							
28-5	zon			00:37	110	06:40	329	12:51	141	18:55	364			00:34	90	06:36	279	12:46	123	18:47	306					0:43	100	6:55	359	12:57	131	19:10	394							
29-5	maa		01:37	110	07:45	326	13:56	141	20:02	358			01:35	90	07:41	276	13:51	118	19:55	301					1:43	100	8:00	356	14:02	131	20:17	388								
30-5	din		02:48	100	08:53	331	15:11	128	21:10	356			02:42	80	08:49	278	15:04	103	21:06	297					2:54	90	9:08	361	15:17	118	21:25	386								
31-5	woe		03:56	80	09:56	341	16:21	106	22:12	357			03:49	60	09:51	282	16:14	84	22:08	295					4:02	70	10:11	371	16:27	96	22:27	387								
1-6	don		04:54	60	10:51	352	17:20	84	23:05	360			04:47	50	10:44	287	17:12	67	23:00	295					5:00	50	11:06	382	17:26	74	23:20	390								
2-6	vry		05:45	50	11:39	362	18:11	68	23:54	364			05:37	40	11:30	293	18:02	55	23:45	297					5:51	40	11:54	392	18:17	58	0:09	394								
3-6	zat		06:32	40	12:25	370	18:58	57	00:42	369			06:23	40	12:12	301	18:48	48	00:26	300					0:09	394	6:38	30	12:40	400	19:04	47								
4-6	zon	05:42 VM	00:42	369	07:18	40	13:09	377	19:43	49			00:26	300	07:07	40	12:51	309	19:34	42					0:57	399	7:24	30	13:24	407	19:49	39								
5-6	maa		01:29	371	08:03	40	13:53	383	20:29	42			01:07	303	07:50	40	13:31	317	20:19	37					1:44	401	8:09	30	14:08	413	20:35	32								
6-6	din		02:17	369	08:48	40	14:37	387	21:15	38			01:52	303	08:33	40	14:14	322	21:05	33					2:32	399	8:54	30	14:52	417	21:21	28								
7-6	woe		03:05	361	09:32	50	15:20	389	22:01	37			02:41	299	09:16	40	15:00	324	21:52	31					3:20	391	9:38	40	15:35	419	22:07	27								
8-6	don		03:53	351	10:16	50	16:05	390	22:48	39			03:32	291	10:01	40	15:48	323	22:42	31					4:08	381	10:22	40	16:20	420	22:54	29								
9-6	vry		04:42	341	11:01	60	16:54	391	23:37	45			04:24	282	10:48	50	16:39	321	23:36	33					4:57	371	11:07	50	17:09	421	23:43	35								
10-6	zat	21:31 LK	05:35	333	11:51	70	17:49	390	00:33	50			05:19	274	11:42	50	17:35	319	00:37	30					5:50	363	11:57	60	18:04	420	0:39	40								
11-6	zon			00:33	50	06:34	328	12:48	78	18:51	389			00:37	30	06:19	269	12:45	60	18:38	318					0:39	40	6:49	358	12:54	68	19:06	419							
12-6	maa		01:35	50	07:38	328	13:53	83	19:59	388			01:42	40	07:24	268	13:53	62	19:47	317					1:41	40	7:53	358	13:59	73	20:14	418								
13-6	din		02:42	60	08:45	330	15:02	83	21:07	386			02:45	40	08:29	270	15:01	60	20:54	315					2:48	50	9:00	360	15:08	73	21:22	416								
14-6	woe		03:46	50	09:51	334	16:10	77	22:12	380			03:47	40	09:32	273	16:06	56	21:57	310					3:52	40	10:06	364	16:16	67	22:27	410								
15-6	don		04:47	50	10:53	338	17:14	67	23:13	370			04:50	40	10:30	276	17:13	48	22:55	303					4:53	40	11:08	368	17:20	57	23:28	400								
16-6	vry		05:45	40	11:46	340	18:14	54	00:09	359			05:49	40	11:22	279	18:13	39	23:48	295					5:51	30	12:01	370	18:20	44	0:24	389								
17-6	zat		00:09	359	06:39	40	12:31	342	19:06	45	00:57	353			06:38	40	12:08	283	19:01	32	00:35	291			0:24	389	6:45	30	12:46	372	19:12	35								
18-6	zon	06:37 NM	00:57	353	07:26	50	13:11	348	19:50	42			00:35	291	07:19	40	12:49	288	19:42	31					1:12	383	7:32	40	13:26	378	19:56	32								
19-6	maa		01:41	352	08:08	50	13:47	357	20:29	46			01:18	291	07:54	40	13:28	296	20:18	36					1:56	382	8:14	40	14:02	387	20:35	36								
20-6	din		02:20	356	08:45	60	14:24	367	21:06	56			01:58	295	08:29	50	14:07																							

Referentievlak :LAT lw

datum dag

						54°10'44"N 7°53'24"E								0:13		LW e 10																
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							
03:32	362	09:55	90	15:38	382	22:18	83		03:17	304	09:39	80	15:22	321	22:04	73		3:47	392	10:01	80	15:53	412	22:24	73							
04:06	358	10:28	100	16:13	384	22:53	92		03:55	304	10:13	90	15:57	324	22:40	82		4:21	388	10:34	90	16:28	414	22:59	82							
04:41	352	11:02	110	16:48	383	23:30	96		04:33	299	10:47	100	16:33	323	23:18	85		4:56	382	11:08	100	17:03	413	23:36	86							
05:20	343	11:38	110	17:27	378	00:10	90		05:12	293	11:25	100	17:13	317	00:00	80		5:35	373	11:44	100	17:42	408	0:16	80							
		00:10	90	06:04	335	12:21	119		18:13	367			00:00	80	05:55	285		12:10	104	18:01	308			0:16	80		6:19	365	12:27	109	18:28	397
		00:56	90	06:55	328	13:11	119		19:08	354			00:48	80	06:45	278		13:02	100	18:56	297			1:02	80		7:10	358	13:17	109	19:23	384
		01:51	90	07:53	325	14:11	118		20:10	345			01:42	70	07:43	274		14:02	95	19:59	289			1:57	80		8:08	355	14:17	108	20:25	375
		02:54	90	08:55	329	15:19	114		21:14	343			02:42	70	08:47	276		15:09	91	21:05	286			3:00	80		9:10	359	15:25	104	21:29	373
		03:59	80	09:56	339	16:27	104		22:17	348			03:47	70	09:49	284		16:19	84	22:08	290			4:05	70		10:11	369	5:06	60	22:32	378
		05:00	70	10:55	353	17:31	90	23:17	355			04:48	60	10:46	295	17:22	74	23:05	296			5:06	60	11:10	383	17:37	80	23:32	385			
		05:57	70	11:51	367	18:28	74	00:16	362			05:45	60	11:37	307	18:19	62	23:58	302			6:03	60	12:06	397	18:34	64	0:31	392			
00:16	362	06:52	60	12:45	378	19:24	60				06:38	50	12:25	317	19:14	50	00:50	303	0:31	392	6:58	50	13:00	408	19:30	50						
01:14	365	07:46	50	13:37	386	20:19	47		00:50	303	07:31	50	13:13	324	20:09	39	1:29	395	7:52	40	13:52	416	20:25	37								
02:10	363	08:39	50	14:28	391	21:12	37		01:43	301	08:23	40	14:02	327	21:02	30	2:25	393	8:45	40	14:43	421	21:18	27								
03:05	358	09:30	50	15:17	395	22:02	31		02:36	297	09:13	40	14:53	329	21:54	25	3:20	388	9:36	40	15:32	425	22:08	21								
03:56	353	10:18	50	16:05	401	22:50	31		03:27	291	10:02	40	15:43	331	22:44	25	4:11	383	10:24	40	16:20	431	22:56	21								
04:45	348	11:03	50	16:53	406	23:37	36		04:18	286	10:49	40	16:33	333	23:33	29	5:00	378	11:09	40	17:08	436	23:43	26								
05:32	344	11:48	50	17:42	407	00:24	40		05:07	282	11:37	40	17:23	333	00:22	30	5:47	374	11:54	40	17:57	437	0:30	30								
		00:24	40	06:21	340	12:35	61		18:36	401			00:22	30	05:58	278	12:28	51	18:17	328			0:30	30	6:36	370		12:41	51	18:51	431	
		01:14	50	07:14	334	13:28	71		19:34	388			01:14	40	06:52	274	13:23	56	19:16	318			1:20	40	7:29	364		13:34	61	19:49	418	
		02:10	60	08:12	328	14:28	79	20:37	370			02:09	50	07:51	270	14:25	59	20:18	304			2:16	50	8:27	358	14:34	69	20:52	400			
		03:10	60	09:14	324	15:35	81	21:43	354			03:07	50	08:52	268	15:31	59	21:24	292			3:16	50	9:29	354	15:41	71	21:58	384			
		04:13	70	10:18	326	16:44	73	22:50	346			04:10	50	09:55	270	16:42	54	22:30	284			4:19	60	10:33	356	16:50	63	23:05	376			
		05:16	60	11:18	333	17:50	62	23:52	347			05:18	50	10:57	276	17:51	46	23:33	284			5:22	50	11:33	363	17:56	52	0:07	377			
		06:17	60	12:11	345	18:48	55	00:45	352			06:16	50	11:52	286	18:45	43	00:25	289	0:07	377	6:23	50	12:26	375	18:54	45					
00:45	352	07:10	60	12:57	357	19:37	58	00:25	289	07:02	50	12:38	298	19:29	49	1:00	382	7:16	50	13:12	387	19:43	48									
01:29	358	07:55	70	13:37	369	20:19	69	01:09	296	07:41	60	13:19	309	20:06	59	1:44	388	8:01	60	13:52	399	20:25	59									
02:07	362	08:34	80	14:14	379	20:57	80	01:47	304	08:16	70	13:54	320	20:41	69	2:22	392	8:40	70	14:29	409	21:03	70									
02:42	365	09:10	90	14:48	387	21:31	87	02:22	310	08:49	80	14:28	328	21:14	76	2:57	395	9:16	80	15:03	417	21:37	77									
03:15	366	09:42	90	15:21	391	22:05	86	02:56	313	09:22	90	15:01	332	21:47	78	3:30	396	9:48	80	15:36	421	22:11	76									
03:48	364	10:14	100	15:52	391	22:38	83	03:32	312	09:54	90	15:35	331	22:19	76	4:03	394	10:20	90	16:07	421	22:44	73									
04:21	358	10:45	100	16:24	386	23:09	80	04:07	306	10:26	90	16:08	325	22:52	72	4:36	388	10:51	90	16:39	416	23:15	70									
04:54	349	11:17	100	16:58	378	23:42	81	04:41	297	10:59	80	16:43	317	23:26	71	5:09	379	11:23	90	17:13	408	23:48	70									
05:28	340	11:51	100	17:35	367	00:17	80	05:15	289	11:35	80	17:20	308	00:04	70					5:43	370	11:57	91	17:50	397							
		00:17	80	06:06	333	12:30	104	18:19	355			00:04	70	05:54	283	12:18	88	18:04	300			0:23	70	6:21	363	12:36	94	18:34	385			
		01:00	90	06:52	328	13:18	113	19:12	344			00:50	80	06:41	280	13:09	95	18:58	293			1:06	80	7:07	358	13:24	103	19:27	374			
		01:54	100	07:50	327	14:19	125	20:17	338			01:44	80	07:39	282	14:12	102	20:02	290			2:00	90	8:05	357	14:25	115	20:32	368			
		03:02	110	09:00	333	15:35	128	21:31	339			02:49	90	08:50	288	15:29	103	21:17	291			3:08	100	9:15	363	15:41	118	21:46	369			
		04:18	110	10:14	348	16:56	113	22:47	347			04:04	90	10:04	300	16:49	91	22:33	296			4:24	100	10:29	378	17:02	103	23:02	377			
		05:29	90	11:25	367	18:09	88	00:00	358			05:15	80	11:10	314	17:59	72	23:41	302			5:35	80	11:40	397	18:15	78	0:15	388			
00:00	358	06:36	70	12:29	384	19:15	62					06:20	60	12:09	324	19:03	53	00:42	305	0:15	388	6:42	60	12:44	414	19:21	52					
01:06	367	07:38	60	13:27	397	20:15	42	00:42	305	07:20	50	13:03	330	20:02	38			1:21	397	7:44	50	13:42	427	20:21	32							
02:05	370	08:35	50	14:21	406	21:08	29	01:37	304	08:16	40	13:54	335	20:56	28			2:20	400	8:41	40	14:36	436	21:14	19							
02:59	368	09:25	40	15:10	414	21:56	25	02:27	300	09:06	40	14:43	339	21:45	26			3:14	398	9:31	30	15:25	444	22:02	15							

Referentievlak :LAT		lw		 54°10'44"N 7°53'24"E												0:13 LW e 10  Hooksie																	
datum	dag	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm								
5-8	zat	03:49	365	10:10	40	15:57	419	22:40	27					03:14	297	09:52	40	15:30	343	22:31	29			4:04	395	10:16	30	16:12	449	22:46	17		
6-8	zon	04:33	360	10:51	40	16:40	420	23:21	34					03:59	294	10:35	40	16:15	344	23:13	36			4:48	390	10:57	30	16:55	450	23:27	24		
7-8	maa	05:14	355	11:31	40	17:23	413	00:01	40					04:43	291	11:17	40	17:00	339	23:54	45			5:29	385	11:37	30	17:38	443	0:07	30		
8-8	din	12:28 LK		00:01	40	05:54	348	12:11	55	18:09	396			05:27	286	11:59	40	17:46	325	00:36	50					0:07	30	6:09	378	12:17	45	18:24	426
9-8	woe			00:42	60	06:37	338	12:56	68	19:00	371					00:36	50	06:14	279	12:47	56	18:39	306			0:48	50	6:52	368	13:02	58	19:15	401
10-8	don			01:28	70	07:28	327	13:49	82	20:01	347					01:24	60	07:08	271	13:45	64	19:41	287			1:34	60	7:43	357	13:55	72	20:16	377
11-8	vry			02:26	90	08:29	320	14:56	93	21:11	333					02:22	70	08:12	266	14:54	70	20:54	275			2:32	80	8:44	350	15:02	83	21:26	363
12-8	zat			03:36	100	09:40	323	16:13	93	22:25	337					03:32	80	09:24	270	16:15	70	22:12	276			3:42	90	9:55	353	16:19	83	22:40	367
13-8	zon		04:51	90	10:52	341	17:28	82	23:34	353					04:53	80	10:39	284	17:34	64	23:22	288			4:57	80	11:07	371	17:34	72	23:49	383	
14-8	maa		05:59	80	11:53	366	18:32	73	00:29	369					05:58	70	11:42	304	18:31	63	00:16	302			6:05	70	12:08	396	18:38	63			
15-8	din	00:29	369	06:55	80	12:43	386	19:24	73					00:16	302	06:46	70	12:30	320	19:15	68	00:58	311	0:44	399	7:01	70	12:58	416	19:30	63		
16-8	woe	11:38 NM	01:14	376	07:41	80	13:24	397	20:06	80				00:58	311	07:26	80	13:07	330	19:52	76			1:29	406	7:47	70	13:39	427	20:12	70		
17-8	don			01:51	376	08:19	80	13:58	401	20:42	85			01:31	316	08:00	80	13:38	335	20:24	80			2:06	406	8:25	70	14:13	431	20:48	75		
18-8	vry			02:23	374	08:52	90	14:29	402	21:14	81			02:01	318	08:31	80	14:07	337	20:55	78			2:38	404	8:58	80	14:44	432	21:20	71		
19-8	zat			02:53	374	09:23	80	14:58	401	21:45	72			02:32	318	09:01	80	14:38	336	21:25	70			3:08	404	9:29	70	15:13	431	21:51	62		
20-8	zon			03:25	373	09:54	80	15:28	399	22:15	65			03:05	316	09:32	70	15:11	333	21:55	64			3:40	403	10:00	70	15:43	429	22:21	55		
21-8	maa		03:56	369	10:23	80	15:59	393	22:43	67			03:39	311	10:02	70	15:44	326	22:24	63			4:11	399	10:29	70	16:14	423	22:49	57			
22-8	din		04:25	362	10:51	80	16:30	383	23:11	76			04:10	303	10:32	70	16:14	318	22:53	68			4:40	392	10:57	70	16:45	413	23:17	66			
23-8	woe		04:53	353	11:20	90	17:02	373	23:41	89			04:39	297	11:04	70	16:44	313	23:25	78			5:08	383	11:26	80	17:17	403	23:47	70			
24-8	don	11:57 EK	05:24	348	11:53	100	17:38	364	00:16	100			05:10	295	11:40	80	17:20	308	00:05	90							5:39	378	11:59	90	17:53	394	
25-8	vry			00:16	100	06:03	344	12:36	113	18:26	352					00:05	90	05:51	295	12:27	102	18:11	302			0:22	90	6:18	374	12:42	103	18:41	382
26-8	zat			01:04	120	06:59	340	13:34	131	19:33	339					00:56	100	06:50	296	13:30	113	19:20	293			1:10	110	7:14	370	13:40	121	19:48	369
27-8	zon			02:11	130	08:16	339	14:54	141	20:59	334					02:05	110	08:07	297	14:55	115	20:47	289			2:17	120	8:31	369	15:00	131	21:14	364
28-8	maa			03:42	130	09:44	351	16:33	125	22:29	345					03:32	110	09:36	306	16:30	98	22:19	295			3:48	120	9:59	381	16:39	115	22:44	375
29-8	din		05:10	110	11:06	375	17:56	90	23:49	363					04:58	90	10:54	321	17:46	73	23:34	305			5:16	100	11:21	405	18:02	80	0:04	393	
30-8	woe		06:24	80	12:14	398	19:05	59	00:54	376					06:08	70	11:58	334	18:53	51	00:33	311	0:04	393	6:30	70	12:29	428	19:11	49			
31-8	don	03:35 VM	00:54	376	07:27	60	13:12	414	20:02	40			00:33	311	07:09	60	12:52	343	19:50	39			1:09	406	7:33	50	13:27	444	20:08	30			
1-9	vry			01:50	379	08:20	50	14:03	424	20:52	33			01:23	311	08:02	50	13:39	349	20:40	35			2:05	409	8:26	40	14:18	454	20:58	23		
2-9	zat			02:40	375	09:06	40	14:50	428	21:36	34			02:07	309	08:48	40	14:23	352	21:25	37			2:55	405	9:12	30	15:05	458	21:42	24		
3-9	zon			03:25	370	09:48	40	15:33	426	22:16	38			02:49	307	09:31	40	15:05	353	22:05	42			3:40	400	9:54	30	15:48	456	22:22	28		
4-9	maa			04:04	365	10:26	40	16:13	418	22:51	46			03:29	304	10:11	40	15:46	347	22:41	49			4:19	395	10:32	30	16:28	448	22:57	36		
5-9	din		04:39	360	11:02	50	16:52	401	23:25	59			04:09	301	10:48	40	16:28	333	23:16	58			4:54	390	11:08	40	17:07	431	23:31	49			
6-9	woe		05:11	353	11:37	50	17:31	376	23:59	76			04:48	294	11:25	50	17:10	314	23:51	70			5:26	383	11:43	40	17:46	406	0:05	60			

Referentievlak :LAT		lw						54°10'44"N 7°53'24"E										0:13		LW e 10							Hooksie									
datum	dag		HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm						
18-9	maa		02:55	378	09:26	70	15:00	397	21:45	63					02:34	317	09:06	60	14:43	329	21:26	62					3:10	408	9:32	60	15:15	427	21:51	53		
19-9	din		03:25	376	09:56	70	15:31	392	22:13	72					03:07	315	09:36	60	15:15	325	21:54	68					3:40	406	10:02	60	15:46	422	22:19	62		
20-9	woe		03:53	370	10:24	80	16:02	383	22:40	88					03:37	311	10:05	70	15:45	319	22:22	80					4:08	400	10:30	70	16:17	413	22:46	78		
21-9	don		04:21	364	10:52	90	16:33	372	23:08	103					04:04	308	10:35	80	16:12	313	22:52	94					4:36	394	10:58	80	16:48	402	23:14	93		
22-9	vry	21:32 EK	04:52	361	11:26	100	17:09	360	23:43	117					04:33	308	11:11	100	16:47	308	23:30	108					5:07	391	11:32	90	17:24	390	23:49	100		
23-9	zat		05:33	357	12:09	120	17:59	344	00:31	130					05:14	309	11:59	110	17:43	297	00:24	120								5:48	387	12:15	112	18:14	374	
24-9	zon				00:31	130	06:32	350	13:09	139	19:15	328					00:24	120	06:18	305	13:09	120	19:02	285					0:37	120	6:47	380	13:15	129	19:30	358
25-9	maa				01:41	150	07:56	345	14:36	147	20:52	327					01:41	130	07:44	302	14:47	116	20:44	283					1:47	140	8:11	375	14:42	137	21:07	357
26-9	din				03:24	150	09:32	359	16:24	123	22:25	346					03:22	120	09:25	311	16:23	92	22:17	295					3:30	140	9:47	389	16:30	113	22:40	376
27-9	woe				04:58	120	10:53	387	17:44	85	23:40	369					04:48	100	10:44	329	17:36	67	23:25	309					5:04	110	11:08	417	17:50	75	23:55	399
28-9	don				06:10	90	11:58	412	18:48	58	00:40	382					05:56	70	11:45	345	18:39	51	00:18	316					6:16	80	12:13	442	18:54	48		
29-9	vry	11:57 VM	00:40	382	07:09	70	12:53	426	19:42	46					00:18	316	06:53	60	12:35	354	19:32	45					0:55	412	7:15	60	13:08	456	19:48	36		
30-9	zat		01:31	383	07:59	60	13:41	430	20:28	45					01:03	317	07:42	50	13:18	357	20:17	46					1:46	413	8:05	50	13:56	460	20:34	35		
1-10	zon		02:16	378	08:43	50	14:25	427	21:09	47					01:43	316	08:27	50	13:59	355	20:58	49					2:31	408	8:49	40	14:40	457	21:15	37		
2-10	maa		02:55	373	09:22	50	15:06	418	21:45	51					02:21	315	09:07	40	14:38	349	21:34	53					3:10	403	9:28	40	15:21	448	21:51	41		
3-10	din		03:29	371	09:57	50	15:45	402	22:18	58					02:59	313	09:45	40	15:19	337	22:07	58					3:44	401	10:03	40	16:00	432	22:24	48		
4-10	woe		04:00	368	10:31	50	16:21	382	22:48	73					03:37	309	10:20	40	15:59	320	22:38	69					4:15	398	10:37	40	16:36	412	22:54	63		
5-10	don		04:30	361	11:04	60	16:57	358	23:19	95					04:13	302	10:54	50	16:40	302	23:10	85					4:45	391	11:10	50	17:12	388	23:25	85		
6-10	vry	15:48 LK	05:04	352	11:39	80	17:37	336	23:53	123					04:50	295	11:31	70	17:24	285	23:47	106					5:19	382	11:45	70	17:52	366	23:52	110		
7-10	zat		05:47	341	12:21	110	18:28	319	00:39	150					05:35	289	12:19	90	18:20	274	00:39	130								6:02	371	12:27	107	18:43	349	
8-10	zon				00:39	150	06:44	332	13:19	150	19:40	311					00:39	130	06:39	288	13:27	122	19:35	271					0:45	140	6:59	362	13:25	140	19:55	341
9-10	maa				01:49	180	08:06	333	14:49	171	21:11	321					01:56	140	08:01	295	15:01	132	21:07	281					1:55	170	8:21	363	14:55	161	21:26	351
10-10	din				03:34	180	09:42	355	16:29	156	22:34	346					03:37	150	09:32	312	16:32	121	22:30	301					3:40	170	9:57	385	16:35	146	22:49	376
11-10	woe				05:00	160	10:54	386	17:38	125	23:34	369					04:55	130	10:45	332	17:32	104	23:25	316					5:06	150	11:09	416	17:44	115	23:49	399
12-10	don				05:59	130	11:46	403	18:28	101	00:18	378					05:48	110	11:34	341	18:17	90	00:05	321					6:05	120	12:01	433	18:34	91		
13-10	vry		00:18	378	06:44	110	12:26	402	19:07	89	00:52	377	00:05	321	06:30	100	12:12	338	18:53	81	00:35	319	0:33	408	6:50	100	12:41	432	19:13	79						
14-10	zat	19:55 NM	00:52	377	07:21	90	12:58	394	19:40	83			00:35	319	07:04	80	12:42	331	19:25	74			1:07	407	7:27	80	13:13	424	19:46	73						
15-10	zon		01:22	375	07:53	80	13:28	388	20:10	76			01:03	316	07:36	70	13:11	325	19:55	68			1:37	405	7:59	70	13:43	418	20:16	66						
16-10	maa		01:52	377	08:24	80	14:00	389	20:42	70			01:31	317	08:08	70	13:41	324	20:25	65			2:07	407	8:30	70	14:15	419	20:48	60						
17-10	din		02:24	381	08:57	70	14:34	389	21:14	71			02:02	320	08:40	60	14:14	323	20:56	69			2:39	411	9:03	60	14:49	419	21:20	61						
18-10	woe		02:56	381	09:30	70	15:08	385	21:45	83			02:35	321	09:13	70	14:47	321	21:26	79			3:11	411	9:36	60	15:23	415	21:51	73						
19-10	don		03:27	379	10:01	90	15:41	375	22:15	100			03:07	321	09:44	80	15:20	315	21:56	93			3:42	409	10:07	80	15:56	405	22:21	90						

Referentievlak :LAT		lw													54°10'44"N 7°53'24"E												0:13 LW e 10																							
datum	dag		HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm																				
1-11	woe		01:56	379	08:31	46	14:22	386	20:47	64					01:32	317	08:22	44	13:59	321	20:36	63					2:11	409	8:37	36	14:37	416	20:53	54																
2-11	don		02:28	378	09:05	53	14:59	370	21:19	83					02:11	314	08:57	51	14:40	309	21:08	77					2:43	408	9:11	43	15:14	400	21:25	73																
3-11	vry		03:02	372	09:39	73	15:35	353	21:50	109					02:48	310	09:31	68	15:20	297	21:41	99					3:17	402	9:45	63	15:50	383	21:56	99																
4-11	zat		03:38	364	10:14	100	16:12	339	22:25	138					03:24	307	10:08	91	16:01	288	22:17	123					3:53	394	10:20	90	16:27	369	22:31	128																
5-11	zon	09:17 LK	04:19	359	10:54	128	16:58	328	23:07	165					04:05	307	10:52	114	16:50	283	23:04	145					4:34	389	11:00	118	17:13	358	23:13	155																
6-11	maa		05:11	355	11:47	154	18:00	322	00:06	187					05:00	309	11:53	132	17:56	283	00:09	159					5:26	385	11:53	144	18:15	352	0:12	177																
7-11	din				00:06	187	06:21	354	13:00	167	19:18	325					00:09	159	06:13	313	13:11	136	19:16	288					0:12	177	6:36	384	13:06	157	19:33	355														
8-11	woe				01:29	192	07:42	362	14:30	155	20:36	340					01:35	159	07:35	319	14:33	124	20:33	299					1:35	182	7:57	392	14:36	145	20:51	370														
9-11	don				02:58	172	08:56	374	15:41	126	21:39	357					02:59	141	08:48	325	15:38	103	21:33	308					3:04	162	9:11	404	15:47	116	21:54	387														
10-11	vry				04:05	140	09:53	380	16:34	101	22:28	367					04:00	117	09:45	326	16:28	86	22:18	311					4:11	130	10:08	410	16:40	91	22:43	397														
11-11	zat				04:56	113	10:38	378	17:17	87	23:07	372					04:47	97	10:29	321	17:09	76	22:55	312					5:02	103	10:53	408	17:23	77	23:22	402														
12-11	zon				05:37	95	11:16	375	17:55	79	23:42	376					05:26	83	11:06	315	17:44	70	23:28	314					5:43	85	11:31	405	18:01	69	23:57	406														
13-11	maa	10:27 NM			06:15	83	11:53	376	18:31	73	00:17	382					06:03	74	11:39	314	18:19	67	00:00	319					6:21	73	12:08	406	18:37	63																
14-11	din		00:17	382	06:52	76	12:32	380	19:08	71	00:54	388			00:00	319	06:39	70	12:12	316	18:54	68	00:33	325			0:32	412	6:58	66	12:47	410	19:14	61																
15-11	woe		00:54	388	07:29	74	13:11	381	19:46	75					00:33	325	07:17	71	12:47	318	19:29	74					1:09	418	7:35	64	13:26	411	19:52	65																
16-11	don		01:30	390	08:07	77	13:50	375	20:22	85					01:08	330	07:55	75	13:27	315	20:04	83					1:45	420	8:13	67	14:05	405	20:28	75																
17-11	vry		02:06	389	08:45	84	14:28	363	20:57	98					01:45	331	08:32	80	14:08	307	20:39	92					2:21	419	8:51	74	14:43	393	21:03	88																
18-11	zat		02:42	386	09:24	91	15:08	349	21:34	109					02:24	330	09:12	84	14:53	297	21:18	100					2:57	416	9:30	81	15:23	379	21:40	99																
19-11	zon	11:50 EK	03:23	384	10:06	96	15:55	335	22:17	118					03:06	327	09:58	86	15:45	286	22:07	106					3:38	414	10:12	86	16:10	365	22:23	108																
20-11	maa		04:13	379	10:57	101	16:55	323	23:11	129					03:59	322	10:57	87	16:48	277	23:10	111					4:28	409	11:03	91	17:10	353	23:17	119																
21-11	din		05:17	372	12:02	108	18:11	317	00:24	138					05:05	317	12:13	86	18:05	273	00:30	111					5:32	402	12:08	98	18:26	347	0:30	128																
22-11	woe				00:24	138	06:35	369	13:24	107	19:34	323					00:30	111	06:27	316	13:36	78	19:26	277					0:30	128	6:50	399	13:30	97	19:49	353														
23-11	don				01:51	134	07:56	377	14:43	93	20:51	338					01:55	103	07:49	321	14:47	68	20:38	286					1:57	124	8:11	407	14:49	83	21:06	368														
24-11	vry				03:08	117	09:08	389	15:50	77	21:57	352					03:06	91	08:58	328	15:53	62	21:39	294					3:14	107	9:23	419	15:56	67	22:12	382														
25-11	zat				04:14	98	10:10	394	16:49	65	22:52	359					04:12	80	09:57	331	16:53	59	22:30	299					4:20	88	10:25	424	16:55	55	23:07	389														
26-11	zon				05:13	82	11:04	391	17:42	60	23:37	362					05:11	69	10:47	328	17:43	58	23:12	302					5:19	72	11:19	421	17:48	50	23:54	392														
27-11	maa	10:16 VM			06:05	67	11:53	384	18:29	58	00:16	364					06:01	59	11:32	322	18:25	58	23:51	306					6:11	57	12:08	414	18:35	48	0:31	394														
28-11	din		00:16	364	06:51	54	12:39	377	19:11	59	00:52	369					06:45	49	12:15	316	19:02	58	00:30	310			0:31	394	6:57	44	12:54	407	19:17	49																
29-11	woe		00:52	369	07:32	47	13:23	372	19:49	65					00:30	310	07:24	43	12:59	312	19:37	60					1:07	399	7:38	37	13:38	402	19:55	55																
30-11	don		01:28	373	08:09	50	14:04	367	20:25	77					01:10	313	08:02	46	13:43	307	20:12	69					1:43	403	8:15	40	14:19	397	20:31	67																
1-12	vry		02:05	375	08:45	64	14:42	360	20:58	97					01:50	314	08:38	59	14:25	303	20:47	87					2:20	405	8:51	54	14:57	390	21:04	87																
2-12	zat		02:41	373	09:20	86	15:16	351	21:30	120					02:28	315	09:13	79	15:03	299	21:21	108					2:56	403	9:26	76	15:31	381	21:36	110																
3-12	zon		03:16	372	09:56	108	15:50	343	22:04	140					03:03	317	09:50	99	15:40	295	21:56	128					3:31	402	10:02	98	16:05	373	22:10	130	4:09	402														
4-12	maa		03:54	372	10:34	124	16:29	337	22:43	153					03:39	321	10:30	113	16:22	293	22:37	140						10:40	114	16:44	367	22:49	143	4:52	401															
5-12	din	06:49 LK	04:37	371	11:20	133	17:20	330	23:32	162					04:24	322	11:19	120	17:14	290	23:29	145					4:52	401	11:26	123	17:35	360	23:38	152																
6-12	woe		05:32	365	12:15	136	18:23	325	00:33	165					05:22	317	12:17	118	18:18	286	00:32	142					5:47	395	12:21	126	18:38	355	0:39	155																
7-12	don				00:33	165	06:38	355	13:21	132	19:30	326					00:32	142	06:31	309	13:23	111	19:28	285					0:39	155	6:53	385	13:27	122	19:45	356														
8-12	vry				01:45	158	07:46	348	14:31	121	20:34	332					01:44	131	07:44	301	14:30	100	20:31	287					1:51	148	8:01	378	14:37	111	20:49	362														
9-12	zat				02:58	140	08:49	344	15:32	106	21:30	343					02:57	115	08:48	296	15:29	89	21:25	291					3:04	130	9:04	374	15:38	96	21:45	373														
10-12	zon				04:00	119	09:44	345	16:24																																									

Referentievlak :LAT		lw		 54°10'44"N 7°53'24"E												0:13 LW e 10 															
datum	dag	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm	HW	cm	lw	cm	HW	cm	lw	cm	HW	cm						
15-12	vry	01:12	386	07:53	70	13:41	356	20:09	84			00:50	331	07:45	65	13:17	304	19:53	76			1:27	416	7:59	60	13:56	386	20:15	74		
16-12	zat	01:53	385	08:38	70	14:26	345	20:51	89			01:33	331	08:30	63	14:05	296	20:36	79			2:08	415	8:44	60	14:41	375	20:57	79		
17-12	zon	02:34	384	09:23	69	15:10	334	21:34	93			02:18	329	09:17	61	14:55	287	21:21	80			2:49	414	9:29	59	15:25	364	21:40	83		
18-12	maa	03:19	384	10:09	70	15:58	327	22:19	95			03:06	327	10:06	59	15:47	280	22:10	80			3:34	414	10:15	60	16:13	357	22:25	85		
19-12	din	04:10	384	11:00	74	16:52	321	23:11	100			03:58	325	11:01	60	16:43	275	23:07	81			4:25	414	11:06	64	17:07	351	23:17	90		
20-12	woe	05:09	380	11:57	80	17:57	316	00:12	107			04:57	322	12:04	61	17:44	271	00:13	83			5:24	410	12:03	70	18:12	346	0:18	97		
21-12	don			00:12	107	06:16	374	13:02	86	19:07	314			00:13	83	06:03	318	13:09	63	18:50	269			0:18	97	6:31	404	13:08	76	19:22	344
22-12	vry			01:21	112	07:28	366	14:09	87	20:17	315			01:24	84	07:14	312	14:13	65	19:56	269			1:27	102	7:43	396	14:15	77	20:32	345
23-12	zat			02:32	110	08:37	358	15:14	84	21:23	319			02:32	81	08:21	306	15:18	67	20:59	271			2:38	100	8:52	388	15:20	74	21:38	349
24-12	zon			03:40	99	09:43	350	16:15	79	22:20	325			03:41	74	09:25	298	16:21	66	21:56	275			3:46	89	9:58	380	16:21	69	22:35	355
25-12	maa			04:45	83	10:44	345	17:13	74	23:11	333			04:48	63	10:23	293	17:18	63	22:47	282			4:51	73	10:59	375	17:19	64	23:26	363
26-12	din			05:43	66	11:39	344	18:06	70	23:55	342			05:44	51	11:17	291	18:05	60	23:32	290			5:49	56	11:54	374	18:12	60	0:10	372
27-12	woe			06:34	55	12:28	347	18:54	71	00:36	351			06:30	44	12:05	293	18:45	60	00:16	298	0:10	372	6:40	45	12:43	377	19:00	61		
28-12	don	00:36	351	07:19	56	13:12	350	19:37	79			00:16	298	07:11	46	12:50	297	19:23	65	00:58	306	13:27	380	19:43	69		19:43	69			
29-12	vry	01:16	359	07:58	67	13:52	352	20:13	92			00:58	306	07:49	55	13:31	300	19:58	77			1:31	389	8:04	57	14:07	382	20:19	82		
30-12	zat	01:52	364	08:34	83	14:26	350	20:46	107			01:36	312	08:24	70	14:08	302	20:32	91			2:07	394	8:40	73	14:41	380	20:52	97		
31-12	zon	02:25	368	09:08	97	14:57	347	21:17	119			02:10	317	08:57	84	14:43	302	21:04	105			2:40	398	9:14	87	15:12	377	21:23	109		