

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan dag datum tijd fase				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
				HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
vr	1-1			03:24		326	03:21		316	3:03		276	03:25		326	03:46		336	03:50		356	03:48		346
vr	1-1				10:03	83		09:46	83		9:21	43		10:09	93		10:10	83		10:22	83		10:14	83
vr	1-1			16:02		307	15:59		297	15:40		257	16:02		307	16:24		317	16:27		337	16:26		327
vr	1-1				22:09	100		21:51	100		21:42	60		22:15	110		22:16	100		22:28	100		22:20	100
za	2-1	6:30	LK	04:07		324	04:04		314	3:45		274	04:07		324	04:29		334	04:32		354	04:31		344
za	2-1				10:48	87		10:31	87		10:07	47		10:54	97		10:55	87		11:07	87		10:59	87
za	2-1			16:51		304	16:48		294	16:29		254	16:51		304	17:13		314	17:16		334	17:15		324
za	2-1				23:00	104		22:43	104		22:33	64		23:06	114		23:07	104		23:19	104		23:11	104
zo	3-1			05:00		316	04:57		306	4:38		266	05:00		316	05:22		326	05:25		346	05:24		336
zo	3-1				11:42	92		11:25	92		11:01	52		11:48	102		11:49	92		12:01	92		11:53	92
zo	3-1			17:46		300	17:43		290	17:24		250	17:46		300	18:08		310	18:11		330	18:10		320
zo	3-1							23:43	109															
ma	4-1				00:00	109	05:58		296		23:31	69		0:06	119		00:07	109		00:19	109		00:11	109
ma	4-1			06:01		306		12:25	97	5:39		256	06:01		306	06:23		316	06:26		336	06:25		326
ma	4-1				12:42	97	18:41		287		12:00	57		12:48	107		12:49	97		13:01	97		12:53	97
ma	4-1			18:44		297			111	18:22		247	18:44		297	19:06		307	19:09		327	19:08		317
di	5-1				01:05	111		00:48	111		0:32	71		01:11	121		01:12	111		01:24	111		01:16	111
di	5-1			07:04		297	07:01		287	6:42		247	07:04		297	07:26		307	07:29		327	07:28		317
di	5-1				13:44	99		13:27	99		13:01	59		13:50	109		13:51	99		14:03	99		13:55	99
di	5-1			19:43		299	19:40		289	19:21		249	19:43		299	20:05		309	20:08		329	20:07		319
wo	6-1				02:13	107		01:56	107		1:32	67		02:19	117		02:20	107		02:32	107		02:24	107
wo	6-1			08:05		295	08:02		285	7:43		245	08:05		295	08:27		305	08:30		325	08:29		315
wo	6-1				14:45	96		14:28	96		14:01	56		14:51	106		14:52	96		15:04	96		14:56	96
wo	6-1			20:42		307	20:39		297	20:20		257	20:42		307	21:04		317	21:07		337	21:06		327
do	7-1				03:21	97		03:04	97		2:30	57		03:27	107		03:28	97		03:40	97		03:32	97
do	7-1			09:03		299	09:00		289	8:41		249	09:03		299	09:25		309	09:28		329	09:27		319
do	7-1				15:43	87		15:26	87		14:57	47		15:49	97		15:50	87		16:02	87		15:54	87
do	7-1			21:36		320	21:33		310	21:14		270	21:36		320	21:58		330	22:01		350	22:00		340
vr	8-1				04:19	83		04:02	83		3:25	43		04:25	93		04:26	83		04:38	83		04:30	83
vr	8-1			09:59		307	09:56		297	9:37		257	09:59		307	10:21		317	10:24		337	10:23		327
vr	8-1				16:36	75		16:19	75		15:51	35		16:42	85		16:43	75		16:55	75		16:47	75
vr	8-1			22:27		333	22:24		323	22:05		283	22:27		333	22:49		343	22:52		363	22:51		353
za	9-1				05:10	68		04:53	68		4:16	28		05:16	78		05:17	68		05:29	68		05:21	68
za	9-1			10:50		316	10:47		306	10:28		266	10:50		316	11:12		326	11:15		346	11:14		336
za	9-1				17:26	62		17:09	62		16:40	22		17:32	72		17:33	62		17:45	62		17:37	62
za	9-1			23:14		342	23:11		332	22:52		292	23:14		342	23:36		352	23:39		372	23:38		362

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
zo	10-1	2:30	NM		05:58	55		05:41	55		5:04	15		06:04	65		06:05	55		06:17	55		06:09	55
zo	10-1			11:39		321	11:36		311	11:17		271	11:39		321	12:01		331	12:04		351	12:03		341
zo	10-1				18:13	53		17:56	53		17:27	13		18:19	63		18:20	53		18:32	53		18:24	53
zo	10-1			23:59		346	23:56		336	23:37		296	23:59		346									
ma	11-1				06:43	45		06:26	45		5:49	5		06:49	55	00:21		356	00:24		376	00:23		366
ma	11-1			12:24		321	12:21		311	12:02		271	12:24		321		06:50	45		07:02	45		06:54	45
ma	11-1				18:56	48		18:39	48		18:10	8		19:02	58	12:46		331	12:49		351	12:48		341
ma	11-1																19:03	48		19:15	48		19:07	48
di	12-1			00:40		344	00:37		334	0:18		294	00:40		344	01:02		354	01:05		374	01:04		364
di	12-1				07:26	39		07:09	39		6:31	-1		07:32	49		07:33	39		07:45	39		07:37	39
di	12-1			13:07		316	13:04		306	12:45		266	13:07		316	13:29		326	13:32		346	13:31		336
di	12-1				19:37	45		19:20	45		18:51	5		19:43	55		19:44	45		19:56	45		19:48	45
wo	13-1			01:19		342	01:16		332	0:57		292	01:19		342	01:41		352	01:44		372	01:43		362
wo	13-1				08:07	35		07:50	35		7:11	-5		08:13	45		08:14	35		08:26	35		08:18	35
wo	13-1			13:48		310	13:45		300	13:26		260	13:48		310	14:10		320	14:13		340	14:12		330
wo	13-1				20:16	42		19:59	42		19:30	2		20:22	52		20:23	42		20:35	42		20:27	42
do	14-1			01:57		342	01:54		332	1:35		292	01:57		342	02:19		352	02:22		372	02:21		362
do	14-1				08:46	32		08:29	32		7:51	-8		08:52	42		08:53	32		09:05	32		08:57	32
do	14-1			14:30		306	14:27		296	14:08		256	14:30		306	14:52		316	14:55		336	14:54		326
do	14-1				20:54	39		20:37	39		20:12	-1		21:00	49		21:01	39		21:13	39		21:05	39
vr	15-1			02:38		342	02:35		332	2:16		292	02:38		342	03:00		352	03:03		372	03:02		362
vr	15-1				09:26	31		09:09	31		8:33	-9		09:32	41		09:33	31		09:45	31		09:37	31
vr	15-1			15:13		303	15:10		293	14:51		253	15:13		303	15:35		313	15:38		333	15:37		323
vr	15-1				21:35	37		21:18	37		20:56	-3		21:41	47		21:42	37		21:54	37		21:46	37
za	16-1			03:23		341	03:20		331	3:01		291	03:23		341	03:45		351	03:48		371	03:47		361
za	16-1				10:07	34		09:50	34		9:19	-6		10:13	44		10:14	34		10:26	34		10:18	34
za	16-1			16:00		298	15:57		288	15:38		248	16:00		298	16:22		308	16:25		328	16:24		318
za	16-1				22:19	41		22:02	41		21:44	1		22:25	51		22:26	41		22:38	41		22:30	41
zo	17-1	0:26	EK	04:12		332	04:09		322	3:50		282	04:12		332	04:34		342	04:37		362	04:36		352
zo	17-1				10:55	43		10:38	43		10:10	3		11:01	53		11:02	43		11:14	43		11:06	43
zo	17-1			16:53		290	16:50		280	16:31		240	16:53		290	17:15		300	17:18		320	17:17		310
zo	17-1				23:10	52		22:53	52		22:38	12		23:16	62		23:17	52		23:29	52		23:21	52
ma	18-1			05:08		317	05:05		307	4:46		267	05:08		317	05:30		327	05:33		347	05:32		337
ma	18-1				11:52	57		11:35	57		11:10	17		11:58	67		11:59	57		12:11	57		12:03	57
ma	18-1			17:56		280	17:53		270	17:34		230	17:56		280	18:18		290	18:21		310	18:20		300
ma	18-1							23:56	64															

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
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dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
di	19-1				00:13	64	06:15		290		23:45	24		00:19	74		00:20	64		00:32	64		00:24	64
di	19-1			06:18		300		12:55	67	5:56		250	06:18		300	06:40		310	06:43		330	06:42		320
di	19-1				13:12	67	19:05		263		12:21	27		13:18	77		13:19	67		13:31	67		13:23	67
di	19-1			19:08		273				18:46		223	19:08		273	19:30		283	19:33		303	19:32		293
wo	20-1				01:43	69		01:26	69		1:02	29		01:49	79		01:50	69		02:02	69		01:54	69
wo	20-1			07:40		290	07:37		280	7:18		240	07:40		290	08:02		300	08:05		320	08:04		310
wo	20-1				14:26	66		14:09	66		13:41	26		14:32	76		14:33	66		14:45	66		14:37	66
wo	20-1			20:26		276	20:23		266	20:04		226	20:26		276	20:48		286	20:51		306	20:50		296
do	21-1				02:58	61		02:41	61		2:21	21		03:04	71		03:05	61		03:17	61		03:09	61
do	21-1			09:00		291	08:57		281	8:38		241	09:00		291	09:22		301	09:25		321	09:24		311
do	21-1				15:38	59		15:21	59		14:54	19		15:44	69		15:45	59		15:57	59		15:49	59
do	21-1			21:32		288	21:29		278	21:10		238	21:32		288	21:54		298	21:57		318	21:56		308
vr	22-1				04:16	48		03:59	48		3:26	8		04:22	58		04:23	48		04:35	48		04:27	48
vr	22-1			10:05		300	10:02		290	9:43		250	10:05		300	10:27		310	10:30		330	10:29		320
vr	22-1				16:48	48		16:31	48		15:54	8		16:54	58		16:55	48		17:07	48		16:59	48
vr	22-1			22:28		304	22:25		294	22:06		254	22:28		304	22:50		314	22:53		334	22:52		324
za	23-1				05:20	32		05:03	32		4:21	-8		05:26	42		05:27	32		05:39	32		05:31	32
za	23-1			10:59		311	10:56		301	10:37		261	10:59		311	11:21		321	11:24		341	11:23		331
za	23-1				17:42	37		17:25	37		16:46	-3		17:48	47		17:49	37		18:01	37		17:53	37
za	23-1			23:17		317	23:14		307	22:55		267	23:17		317	23:39		327	23:42		347	23:41		337
zo	24-1	2:46 VM			06:10	23		05:53	23		5:10	-17		06:16	33		06:17	23		06:29	23		06:21	23
zo	24-1			11:47		318	11:44		308	11:25		268	11:47		318	12:09		328	12:12		348	12:11		338
zo	24-1				18:29	35		18:12	35		17:32	-5		18:35	45		18:36	35		18:48	35		18:40	35
zo	24-1						23:58		315	23:39		275												
ma	25-1			00:01		325		06:37	26				0:01		325	00:23		335	00:26		355	00:25		345
ma	25-1				06:54	26	12:27		310		17:53	-14		07:00	36		07:01	26		07:13	26		07:05	26
ma	25-1			12:30		320		18:52	42	12:08		270	12:30		320	12:52		330	12:55		350	12:54		340
ma	25-1				19:09	42			317		18:13	2		19:15	52		19:16	42		19:28	42		19:20	42
di	26-1			00:41		327	00:38		317	0:19		277	00:41		327	01:03		337	01:06		357	01:05		347
di	26-1				07:32	37		07:15	37		6:33	-3		07:38	47		07:39	37		07:51	37		07:43	37
di	26-1			13:09		318	13:06		308	12:47		268	13:09		318	13:31		328	13:34		348	13:33		338
di	26-1				19:45	54		19:28	54		18:51	14		19:51	64		19:52	54		20:04	54		19:56	54
wo	27-1			01:17		327	01:14		317	0:55		277	01:17		327	01:39		337	01:42		357	01:41		347
wo	27-1				08:06	50		07:49	50		7:07	10		08:12	60		08:13	50		08:25	50		08:17	50
wo	27-1			13:42		316	13:39		306	13:20		266	13:42		316	14:04		326	14:07		346	14:06		336
wo	27-1				20:13	64		19:56	64		19:23	24		20:19	74		20:20	64		20:32	64		20:24	64

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
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dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
do	28-1			01:49		327	01:46		317	1:27		277	01:49		327	02:11		337	02:14		357	02:13		347
do	28-1				08:34	59		08:17	59		7:39	19		08:40	69		08:41	59		08:53	59		08:45	59
do	28-1			14:14		316	14:11		306	13:52		266	14:14		316	14:36		326	14:39		346	14:38		336
do	28-1				20:37	69		20:20	69		19:55	29		20:43	79		20:44	69		20:56	69		20:48	69
vr	29-1			02:20		328	02:17		318	1:58		278	02:20		328	02:42		338	02:45		358	02:44		348
vr	29-1				09:00	61		08:43	61		8:12	21		09:06	71		09:07	61		09:19	61		09:11	61
vr	29-1			14:49		316	14:46		306	14:27		266	14:49		316	15:11		326	15:14		346	15:13		336
vr	29-1				21:06	70		20:49	70		20:29	30		21:12	80		21:13	70		21:25	70		21:17	70
za	30-1			02:54		327	02:51		317	2:32		277	02:54		327	03:16		337	03:19		357	03:18		347
za	30-1				09:31	63		09:14	63		8:48	23		09:37	73		09:38	63		09:50	63		09:42	63
za	30-1			15:26		313	15:23		303	15:04		263	15:26		313	15:48		323	15:51		343	15:50		333
za	30-1				21:40	73		21:23	73		21:06	33		21:46	83		21:47	73		21:59	73		21:51	73
zo	31-1			03:31		322	03:28		312	3:09		272	03:31		322	03:53		332	03:56		352	03:55		342
zo	31-1				10:07	69		09:50	69		9:27	29		10:13	79		10:14	69		10:26	69		10:18	69
zo	31-1			16:07		306	16:04		296	15:45		256	16:07		306	16:29		316	16:32		336	16:31		326
zo	31-1				22:20	81		22:03	81		21:48	41		22:26	91		22:27	81		22:39	81		22:31	81

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
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dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
ma	1-2	4:28	LK	04:13		311	04:10		301	3:51		261	04:13		311	04:35		321	04:38		341	04:37		331
ma	1-2				10:46	82		10:29	82		10:10	42		10:52	92		10:53	82		11:05	82		10:57	82
ma	1-2			16:52		297	16:49		287	16:30		247	16:52		297	17:14		307	17:17		327	17:16		317
ma	1-2				23:07	92		22:50	92		22:34	52		23:13	102		23:14	92		23:26	92		23:18	92
di	2-2			05:01		298	04:58		288	4:39		248	05:01		298	05:23		308	05:26		328	05:25		318
di	2-2				11:34	96		11:17	96		11:00	56		11:40	106		11:41	96		11:53	96		11:45	96
di	2-2			17:43		291	17:40		281	17:21		241	17:43		291	18:05		301	18:08		321	18:07		311
di	2-2							23:45	103															
wo	3-2				00:02	103	05:54		278		23:28	63		0:08	113		00:09	103		00:21	103		00:13	103
wo	3-2			05:57		288		12:15	106	5:35		238	05:57		288	06:19		298	06:22		318	06:21		308
wo	3-2				12:32	106	18:37		280		11:56	66		12:38	116		12:39	106		12:51	106		12:43	106
wo	3-2			18:40		290				18:18		240	18:40		290	19:02		300	19:05		320	19:04		310
do	4-2				01:05	107		00:48	107		0:28	67		01:11	117		01:12	107		01:24	107		01:16	107
do	4-2			07:00		285	06:57		275	6:38		235	07:00		285	07:22		295	07:25		315	07:24		305
do	4-2				13:34	106		13:17	106		13:00	66		13:40	116		13:41	106		13:53	106		13:45	106
do	4-2			19:45		298	19:42		288	19:23		248	19:45		298	20:07		308	20:10		328	20:09		318
vr	5-2				02:13	101		01:56	101		1:34	61		02:19	111		02:20	101		02:32	101		02:24	101
vr	5-2			08:08		291	08:05		281	7:46		241	08:08		291	08:30		301	08:33		321	08:32		311
vr	5-2				14:41	95		14:24	95		14:08	55		14:47	105		14:48	95		15:00	95		14:52	95
vr	5-2			20:53		312	20:50		302	20:31		262	20:53		312	21:15		322	21:18		342	21:17		332
za	6-2				03:30	85		03:13	85		2:45	45		03:36	95		03:37	85		03:49	85		03:41	85
za	6-2			09:21		301	09:18		291	8:59		251	09:21		301	09:43		311	09:46		331	09:45		321
za	6-2				15:55	77		15:38	77		15:17	37		16:01	87		16:02	77		16:14	77		16:06	77
za	6-2			21:57		326	21:54		316	21:35		276	21:57		326	22:19		336	22:22		356	22:21		346
zo	7-2				04:41	64		04:24	64		3:50	24		04:47	74		04:48	64		05:00	64		04:52	64
zo	7-2			10:27		311	10:24		301	10:05		261	10:27		311	10:49		321	10:52		341	10:51		331
zo	7-2				17:01	58		16:44	58		16:17	18		17:07	68		17:08	58		17:20	58		17:12	58
zo	7-2			22:52		335	22:49		325	22:30		285	22:52		335	23:14		345	23:17		365	23:16		355
ma	8-2				05:36	44		05:19	44		4:44	4		05:42	54		05:43	44		05:55	44		05:47	44
ma	8-2			11:21		316	11:18		306	10:59		266	11:21		316	11:43		326	11:46		346	11:45		336
ma	8-2	15:39	NM		17:54	43		17:37	43		17:08	3		18:00	53		18:01	43		18:13	43		18:05	43
ma	8-2			23:40		337	23:37		327	23:18		287	23:40		337									
di	9-2				06:25	29		06:08	29		5:32	-11		06:31	39	00:02		347	00:05		367	00:04		357
di	9-2			12:09		314	12:06		304	11:47		264	12:09		314		06:32	29		06:44	29		06:36	29
di	9-2				18:41	32		18:24	32		17:54	-8		18:47	42	12:31		324	12:34		344	12:33		334
di	9-2																18:48	32		19:00	32		18:52	32

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maandag				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
wo	10-2			00:23		336	00:20		326	0:01		286	0:23		336	00:45		346	00:48		366	00:47		356
wo	10-2				07:11	19		06:54	19		6:16	-21		07:17	29		07:18	19		07:30	19		07:22	19
wo	10-2			12:53		311	12:50		301	12:31		261	12:53		311	13:15		321	13:18		341	13:17		331
wo	10-2				19:23	24		19:06	24		18:36	-16		19:29	34		19:30	24		19:42	24		19:34	24
do	11-2			01:04		337	01:01		327	0:42		287	01:04		337	01:26		347	01:29		367	01:28		357
do	11-2				07:53	13		07:36	13		6:57	-27		07:59	23		08:00	13		08:12	13		08:04	13
do	11-2			13:34		309	13:31		299	13:12		259	13:34		309	13:56		319	13:59		339	13:58		329
do	11-2				20:03	17		19:46	17		19:17	-23		20:09	27		20:10	17		20:22	17		20:14	17
vr	12-2			01:44		340	01:41		330	1:22		290	01:44		340	02:06		350	02:09		370	02:08		360
vr	12-2				08:33	9		08:16	9		7:37	-31		08:39	19		08:40	9		08:52	9		08:44	9
vr	12-2			14:15		309	14:12		299	13:53		259	14:15		309	14:37		319	14:40		339	14:39		329
vr	12-2				20:42	11		20:25	11		19:59	-29		20:48	21		20:49	11		21:01	11		20:53	11
za	13-2			02:27		343	02:24		333	2:05		293	02:27		343	02:49		353	02:52		373	02:51		363
za	13-2				09:12	11		08:55	11		8:20	-29		09:18	21		09:19	11		09:31	11		09:23	11
za	13-2			14:58		308	14:55		298	14:36		258	14:58		308	15:20		318	15:23		338	15:22		328
za	13-2				21:22	10		21:05	10		20:42	-30		21:28	20		21:29	10		21:41	10		21:33	10
zo	14-2			03:11		339	03:08		329	2:49		289	03:11		339	03:33		349	03:36		369	03:35		359
zo	14-2				09:51	19		09:34	19		9:05	-21		09:57	29		09:58	19		10:10	19		10:02	19
zo	14-2			15:43		301	15:40		291	15:21		251	15:43		301	16:05		311	16:08		331	16:07		321
zo	14-2				22:03	18		21:46	18		21:29	-22		22:09	28		22:10	18		22:22	18		22:14	18
ma	15-2			03:59		325	03:56		315	3:37		275	03:59		325	04:21		335	04:24		355	04:23		345
ma	15-2	8:46 EK			10:33	34		10:16	34		9:53	-6		10:39	44		10:40	34		10:52	34		10:44	34
ma	15-2			16:32		289	16:29		279	16:10		239	16:32		289	16:54		299	16:57		319	16:56		309
ma	15-2				22:49	33		22:32	33		22:21	-7		22:55	43		22:56	33		23:08	33		23:00	33
di	16-2			04:54		303	04:51		293	4:32		253	04:54		303	05:16		313	05:19		333	05:18		323
di	16-2				11:24	54		11:07	54		10:50	14		11:30	64		11:31	54		11:43	54		11:35	54
di	16-2			17:30		273	17:27		263	17:08		223	17:30		273	17:52		283	17:55		303	17:54		293
di	16-2				23:50	51		23:33	51		23:24	11		23:56	61		23:57	51						
wo	17-2			06:02		282	05:59		272	5:40		232	06:02		282	06:24		292		00:09	51		00:01	51
wo	17-2				12:47	69		12:30	69		11:59	29		12:53	79		12:54	69	06:27		312	06:26		302
wo	17-2			18:40		263	18:37		253	18:18		213	18:40		263	19:02		273		13:06	69		12:58	69
wo	17-2																		19:05		293	19:04		283
do	18-2				01:24	59		01:07	59		0:39	19		01:30	69		01:31	59		01:43	59		01:35	59
do	18-2			07:22		271	07:19		261	7:00		221	07:22		271	07:44		281	07:47		301	07:46		291
do	18-2				14:05	70		13:48	70		13:19	30		14:11	80		14:12	70		14:24	70		14:16	70
do	18-2			20:00		266	19:57		256	19:38		216	20:00		266	20:22		276	20:25		296	20:24		286

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
vr	19-2				02:40	54		02:23	54		2:00	14		02:46	64		02:47	54		02:59	54		02:51	54
vr	19-2			08:44		277	08:41		267	8:22		227	08:44		277	09:06		287	09:09		307	09:08		297
vr	19-2				15:21	60		15:04	60		14:36	20		15:27	70		15:28	60		15:40	60		15:32	60
vr	19-2			21:12		283	21:09		273	20:50		233	21:12		283	21:34		293	21:37		313	21:36		303
za	20-2				04:03	41		03:46	41		3:09	1		04:09	51		04:10	41		04:22	41		04:14	41
za	20-2			09:50		294	09:47		284	9:28		244	09:50		294	10:12		304	10:15		324	10:14		314
za	20-2				16:33	45		16:16	45		15:38	5		16:39	55		16:40	45		16:52	45		16:44	45
za	20-2			22:10		304	22:07		294	21:48		254	22:10		304	22:32		314	22:35		334	22:34		324
zo	21-2				05:05	26		04:48	26		4:05	-14		05:11	36		05:12	26		05:24	26		05:16	26
zo	21-2			10:45		311	10:42		301	10:23		261	10:45		311	11:07		321	11:10		341	11:09		331
zo	21-2				17:27	33		17:10	33		16:30	-7		17:33	43		17:34	33		17:46	33		17:38	33
zo	21-2			23:00		320	22:57		310	22:38		270	23:00		320	23:22		330	23:25		350	23:24		340
ma	22-2				05:53	21		05:36	21		4:54	-19		05:59	31		06:00	21		06:12	21		06:04	21
ma	22-2			11:32		319	11:29		309	11:10		269	11:32		319	11:54		329	11:57		349	11:56		339
ma	22-2	19:20 VM			18:11	31		17:54	31		17:16	-9		18:17	41		18:18	31		18:30	31		18:22	31
ma	22-2			23:44		325	23:41		315	23:22		275	23:44		325									
di	23-2				06:35	27		06:18	27		5:36	-13		06:41	37	00:06		335	00:09		355	00:08		345
di	23-2			12:12		319	12:09		309	11:50		269	12:12		319		06:42	27		06:54	27		06:46	27
di	23-2				18:50	38		18:33	38		17:54	-2		18:56	48	12:34		329	12:37		349	12:36		339
di	23-2																18:57	38		19:09	38		19:01	38
wo	24-2			00:21		324	00:18		314	23:59		274	0:21		324	00:43		334	00:46		354	00:45		344
wo	24-2				07:10	37		06:53	37		6:11	-3		07:16	47		07:17	37		07:29	37		07:21	37
wo	24-2			12:45		316	12:42		306	12:23		266	12:45		316	13:07		326	13:10		346	13:09		336
wo	24-2				19:22	47		19:05	47		18:26	7		19:28	57		19:29	47		19:41	47		19:33	47
do	25-2			00:52		323	00:49		313	0:30		273	00:52		323	01:14		333	01:17		353	01:16		343
do	25-2				07:40	45		07:23	45		6:41	5		07:46	55		07:47	45		07:59	45		07:51	45
do	25-2			13:14		317	13:11		307	12:52		267	13:14		317	13:36		327	13:39		347	13:38		337
do	25-2				19:48	50		19:31	50		18:55	10		19:54	60		19:55	50		20:07	50		19:59	50
vr	26-2			01:21		325	01:18		315	0:59		275	01:21		325	01:43		335	01:46		355	01:45		345
vr	26-2				08:06	45		07:49	45		7:10	5		08:12	55		08:13	45		08:25	45		08:17	45
vr	26-2			13:44		321	13:41		311	13:22		271	13:44		321	14:06		331	14:09		351	14:08		341
vr	26-2				20:13	48		19:56	48		19:26	8		20:19	58		20:20	48		20:32	48		20:24	48
za	27-2			01:53		328	01:50		318	1:31		278	01:53		328	02:15		338	02:18		358	02:17		348
za	27-2				08:32	43		08:15	43		7:43	3		08:38	53		08:39	43		08:51	43		08:43	43
za	27-2			14:18		324	14:15		314	13:56		274	14:18		324	14:40		334	14:43		354	14:42		344
za	27-2				20:42	47		20:25	47		20:00	7		20:48	57		20:49	47		21:01	47		20:53	47

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
zo	28-2			02:27		327	02:24		317	2:05		277	02:27		327	02:49		337	02:52		357	02:51		347
zo	28-2				09:02	47		08:45	47		8:18	7		09:08	57		09:09	47		09:21	47		09:13	47
zo	28-2			14:54		321	14:51		311	14:32		271	14:54		321	15:16		331	15:19		351	15:18		341
zo	28-2				21:15	53		20:58	53		20:36	13		21:21	63		21:22	53		21:34	53		21:26	53
ma	29-2			03:02		320	02:59		310	2:40		270	03:02		320	03:24		330	03:27		350	03:26		340
ma	29-2				09:31	59		09:14	59		8:53	19		09:37	69		09:38	59		09:50	59		09:42	59
ma	29-2			15:29		314	15:26		304	15:07		264	15:29		314	15:51		324	15:54		344	15:53		334
ma	29-2				21:48	66		21:31	66		21:11	26		21:54	76		21:55	66		22:07	66		21:59	66

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
di	1-3			03:38		310	03:35		300	3:16		260	03:38		310	04:00		320	04:03		340	04:02		330
di	1-3				10:00	76		09:43	76		9:29	36		10:06	86		10:07	76		10:19	76		10:11	76
di	1-3			16:05		305	16:02		295	15:43		255	16:05		305	16:27		315	16:30		335	16:29		325
di	1-3				22:24	81		22:07	81		21:50	41		22:30	91		22:31	81		22:43	81		22:35	81
wo	2-3	0:11	LK	04:19		299	04:16		289	3:57		249	04:19		299	04:41		309	04:44		329	04:43		319
wo	2-3				10:34	92		10:17	92		10:10	52		10:40	102		10:41	92		10:53	92		10:45	92
wo	2-3			16:46		300	16:43		290	16:24		250	16:46		300	17:08		310	17:11		330	17:10		320
wo	2-3				23:12	94		22:55	94		22:35	54		23:18	104		23:19	94		23:31	94		23:23	94
do	3-3			05:09		292	05:06		282	4:47		242	05:09		292	05:31		302	05:34		322	05:33		312
do	3-3				11:31	103		11:14	103		11:02	63		11:37	113		11:38	103		11:50	103		11:42	103
do	3-3			17:39		300	17:36		290	17:17		250	17:39		300	18:01		310	18:04		330	18:03		320
do	3-3							23:58	100															
vr	4-3				00:15	100	06:05		280		23:31	60		00:21	110		00:22	100		00:34	100		00:26	100
vr	4-3			06:08		290		12:24	104	5:46		240	06:08		290	06:30		300	06:33		320	06:32		310
vr	4-3				12:41	104	18:39		294		12:03	64		12:47	114		12:48	104		13:00	104		12:52	104
vr	4-3			18:42		304			95	18:20		254	18:42		304	19:04		314	19:07		334	19:06		324
za	5-3				01:25	95		01:08	95		0:37	55		01:31	105		01:32	95		01:44	95		01:36	95
za	5-3			07:16		293	07:13		283	6:54		243	07:16		293	07:38		303	07:41		323	07:40		313
za	5-3				13:53	93		13:36	93		13:15	53		13:59	103		14:00	93		14:12	93		14:04	93
za	5-3			19:59		312	19:56		302	19:37		262	19:59		312	20:21		322	20:24		342	20:23		332
zo	6-3				02:43	79		02:26	79		1:57	39		02:49	89		02:50	79		03:02	79		02:54	79
zo	6-3			08:40		300	08:37		290	8:18		250	08:40		300	09:02		310	09:05		330	09:04		320
zo	6-3				15:12	75		14:55	75		14:39	35		15:18	85		15:19	75		15:31	75		15:23	75
zo	6-3			21:23		324	21:20		314	21:01		274	21:23		324	21:45		334	21:48		354	21:47		344
ma	7-3				04:08	55		03:51	55		3:20	15		04:14	65		04:15	55		04:27	55		04:19	55
ma	7-3			10:01		309	09:58		299	9:39		259	10:01		309	10:23		319	10:26		339	10:25		329
ma	7-3				16:33	53		16:16	53		15:51	13		16:39	63		16:40	53		16:52	53		16:44	53
ma	7-3			22:26		332	22:23		322	22:04		282	22:26		332	22:48		342	22:51		362	22:50		352
di	8-3				05:11	32		04:54	32		4:21	-8		05:17	42		05:18	32		05:30	32		05:22	32
di	8-3			11:00		314	10:57		304	10:38		264	11:00		314	11:22		324	11:25		344	11:24		334
di	8-3				17:31	34		17:14	34		16:46	-6		17:37	44		17:38	34		17:50	34		17:42	34
di	8-3			23:17		335	23:14		325	22:55		285	23:17		335	23:39		345	23:42		365	23:41		355
wo	9-3	2:55	NM		06:03	17		05:46	17		5:11	-23		06:09	27		06:10	17		06:22	17		06:14	17
wo	9-3			11:49		313	11:46		303	11:27		263	11:49		313	12:11		323	12:14		343	12:13		333
wo	9-3				18:20	22		18:03	22		17:34	-18		18:26	32		18:27	22		18:39	22		18:31	22
wo	9-3									23:41		285												

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
do	10-3			00:03		335	00:00		325				0:03		335	00:25		345	00:28		365	00:27		355
do	10-3				06:50	7		06:33	7		17:56	-33		06:56	17		06:57	7		07:09	7		07:01	7
do	10-3			12:33		312	12:30		302	12:11		262	12:33		312	12:55		322	12:58		342	12:57		332
do	10-3				19:04	11		18:47	11		18:17	-29		19:10	21		19:11	11		19:23	11		19:15	11
vr	11-3			00:45		338	00:42		328	0:23		288	00:45		338	01:07		348	01:10		368	01:09		358
vr	11-3				07:33	1		07:16	1		6:37	-39		07:39	11		07:40	1		07:52	1		07:44	1
vr	11-3			13:14		313	13:11		303	12:52		263	13:14		313	13:36		323	13:39		343	13:38		333
vr	11-3				19:46	1		19:29	1		18:58	-39		19:52	11		19:53	1		20:05	1		19:57	1
za	12-3			01:27		343	01:24		333	1:05		293	01:27		343	01:49		353	01:52		373	01:51		363
za	12-3				08:14	0		07:57	0		7:19	-42		08:20	8		08:21	0		08:33	0		08:25	0
za	12-3			13:56		316	13:53		306	13:34		266	13:56		316	14:18		326	14:21		346	14:20		336
za	12-3				20:26	-6		20:09	-6		19:41	-46		20:32	4		20:33	-6		20:45	-6		20:37	-6
zo	13-3			02:11		344	02:08		334	1:49		294	02:11		344	02:33		354	02:36		374	02:35		364
zo	13-3				08:53	1		08:36	1		8:02	-39		08:59	11		09:00	1		09:12	1		09:04	1
zo	13-3			14:38		316	14:35		306	14:16		266	14:38		316	15:00		326	15:03		346	15:02		336
zo	13-3				21:05	-5		20:48	-5		20:25	-45		21:11	5		21:12	-5		21:24	-5		21:16	-5
ma	14-3			02:56		335	02:53		325	2:34		285	02:56		335	03:18		345	03:21		365	03:20		355
ma	14-3				09:30	13		09:13	13		8:47	-27		09:36	23		09:37	13		09:49	13		09:41	13
ma	14-3			15:22		308	15:19		298	15:00		258	15:22		308	15:44		318	15:47		338	15:46		328
ma	14-3				21:45	5		21:28	5		21:11	-35		21:51	15		21:52	5		22:04	5		21:56	5
di	15-3			03:45		316	03:42		306	3:23		266	03:45		316	04:07		326	04:10		346	04:09		336
di	15-3				10:08	31		09:51	31		9:35	-9		10:14	41		10:15	31		10:27	31		10:19	31
di	15-3	18:03	EK	16:09		293	16:06		283	15:47		243	16:09		293	16:31		303	16:34		323	16:33		313
di	15-3				22:28	24		22:11	24		22:01	-16		22:34	34		22:35	24		22:47	24		22:39	24
wo	16-3			04:38		291	04:35		281	4:16		241	04:38		291	05:00		301	05:03		321	05:02		311
wo	16-3				10:50	54		10:33	54		10:28	14		10:56	64		10:57	54		11:09	54		11:01	54
wo	16-3			17:03		276	17:00		266	16:41		226	17:03		276	17:25		286	17:28		306	17:27		296
wo	16-3				23:30	45		23:13	45		23:01	5		23:36	55		23:37	45		23:49	45		23:41	45
do	17-3			05:43		271	05:40		261	5:21		221	05:43		271	06:05		281	06:08		301	06:07		291
do	17-3				12:18	73		12:01	73		11:34	33		12:24	83		12:25	73		12:37	73		12:29	73
do	17-3			18:10		266	18:07		256	17:48		216	18:10		266	18:32		276	18:35		296	18:34		286
do	17-3																							
vr	18-3				01:02	56		00:45	56		0:12	16		01:08	66		01:09	56		01:21	56		01:13	56
vr	18-3			06:58		264	06:55		254	6:36		214	06:58		264	07:20		274	07:23		294	07:22		284
vr	18-3				13:39	75		13:22	75		12:52	35		13:45	85		13:46	75		13:58	75		13:50	75
vr	18-3			19:30		271	19:27		261	19:08		221	19:30		271	19:52		281	19:55		301	19:54		291

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
za	19-3				02:16	53		01:59	53		1:33	13		02:22	63		02:23	53		02:35	53		02:27	53
za	19-3			08:21		274	08:18		264	7:59		224	08:21		274	08:43		284	08:46		304	08:45		294
za	19-3				14:54	66		14:37	66		14:12	26		15:00	76		15:01	66		15:13	66		15:05	66
za	19-3			20:47		290	20:44		280	20:25		240	20:47		290	21:09		300	21:12		320	21:11		310
zo	20-3				03:39	42		03:22	42		2:46	2		03:45	52		03:46	42		03:58	42		03:50	42
zo	20-3			09:30		296	09:27		286	9:08		246	09:30		296	09:52		306	09:55		326	09:54		316
zo	20-3				16:10	49		15:53	49		15:17	9		16:16	59		16:17	49		16:29	49		16:21	49
zo	20-3			21:48		313	21:45		303	21:26		263	21:48		313	22:10		323	22:13		343	22:12		333
ma	21-3				04:42	28		04:25	28		3:44	-12		04:48	38		04:49	28		05:01	28		04:53	28
ma	21-3			10:25		314	10:22		304	10:03		264	10:25		314	10:47		324	10:50		344	10:49		334
ma	21-3				17:04	36		16:47	36		16:10	-4		17:10	46		17:11	36		17:23	36		17:15	36
ma	21-3			22:40		325	22:37		315	22:18		275	22:40		325	23:02		335	23:05		355	23:04		345
di	22-3				05:30	24		05:13	24		4:34	-16		05:36	34		05:37	24		05:49	24		05:41	24
di	22-3			11:12		320	11:09		310	10:50		270	11:12		320	11:34		330	11:37		350	11:36		340
di	22-3				17:49	33		17:32	33		16:55	-7		17:55	43		17:56	33		18:08	33		18:00	33
di	22-3			23:23		326	23:20		316	23:01		276	23:23		326	23:45		336	23:48		356	23:47		346
wo	23-3				06:10	30		05:53	30		5:14	-10		06:16	40		06:17	30		06:29	30		06:21	30
wo	23-3	13:01 VM		11:49		317	11:46		307	11:27		267	11:49		317	12:11		327	12:14		347	12:13		337
wo	23-3				18:26	38		18:09	38		17:31	-2		18:32	48		18:33	38		18:45	38		18:37	38
wo	23-3			23:57		320	23:54		310	23:35		270	23:57		320									
do	24-3				06:44	37		06:27	37		5:45	-3		06:50	47	00:19		330	00:22		350	00:21		340
do	24-3			12:18		314	12:15		304	11:56		264	12:18		314		06:51	37		07:03	37		06:55	37
do	24-3				18:57	42		18:40	42		17:59	2		19:03	52	12:40		324	12:43		344	12:42		334
do	24-3																19:04	42		19:16	42		19:08	42
vr	25-3			00:25		317	00:22		307	0:03		267	0:25		317	00:47		327	00:50		347	00:49		337
vr	25-3				07:11	38		06:54	38		6:13	-2		07:17	48		07:18	38		07:30	38		07:22	38
vr	25-3			12:45		318	12:42		308	12:23		268	12:45		318	13:07		328	13:10		348	13:09		338
vr	25-3				19:22	40		19:05	40		18:27	0		19:28	50		19:29	40		19:41	40		19:33	40
za	26-3			00:54		321	00:51		311	0:32		271	00:54		321	01:16		331	01:19		351	01:18		341
za	26-3				07:37	34		07:20	34		6:43	-6		07:43	44		07:44	34		07:56	34		07:48	34
za	26-3			13:16		327	13:13		317	12:54		277	13:16		327	13:38		337	13:41		357	13:40		347
za	26-3				19:49	34		19:32	34		19:00	-6		19:55	44		19:56	34		20:08	34		20:00	34
zo	27-3			01:28		326	01:25		316	1:06		276	01:28		326	01:50		336	01:53		356	01:52		346
zo	27-3				09:06	30		08:49	30		7:47	-10		09:12	40		09:13	30		09:25	30		09:17	30
zo	27-3			14:51		333	14:48		323	14:29		283	14:51		333	15:13		343	15:16		363	15:15		353
zo	27-3				21:20	35		21:03	35		20:35	-5		21:26	45		21:27	35		21:39	35		21:31	35

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
ma	28-3			03:03		326	03:00		316	2:41		276	03:03		326	03:25		336	03:28		356	03:27		346
ma	28-3				09:36	40		09:19	40		8:53	0		09:42	50		09:43	40		09:55	40		09:47	40
ma	28-3			15:27		330	15:24		320	15:05		280	15:27		330	15:49		340	15:52		360	15:51		350
ma	28-3				21:53	46		21:36	46		21:10	6		21:59	56		22:00	46		22:12	46		22:04	46
di	29-3			03:38		319	03:35		309	3:16		269	03:38		319	04:00		329	04:03		349	04:02		339
di	29-3				10:04	50		09:47	50		9:26	10		10:10	60		10:11	50		10:23	50		10:15	50
di	29-3			15:59		323	15:56		313	15:37		273	15:59		323	16:21		333	16:24		353	16:23		343
di	29-3				22:24	63		22:07	63		21:43	23		22:30	73		22:31	63		22:43	63		22:35	63
wo	30-3			04:12		308	04:09		298	3:50		258	04:12		308	04:34		318	04:37		338	04:36		328
wo	30-3				10:28	70		10:11	70		9:59	30		10:34	80		10:35	70		10:47	70		10:39	70
wo	30-3			16:30		316	16:27		306	16:08		266	16:30		316	16:52		326	16:55		346	16:54		336
wo	30-3				22:56	78		22:39	78		22:18	38		23:02	88		23:03	78		23:15	78		23:07	78
do	31-3			04:51		300	04:48		290	4:29		250	04:51		300	05:13		310	05:16		330	05:15		320
do	31-3				10:57	90		10:40	90		10:38	50		11:03	100		11:04	90		11:16	90		11:08	90
do	31-3	17:17	LK	17:10		314	17:07		304	16:48		264	17:10		314	17:32		324	17:35		344	17:34		334
do	31-3				23:40	87		23:23	87		23:02	47		23:46	97		23:47	87		23:59	87		23:51	87

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maandag				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
vr	1-4			05:39		296	05:36		286	5:17		246	05:39		296	06:01		306	06:04		326	06:03		316
vr	1-4				11:52	90		11:35	90		11:28	50		11:58	100		11:59	90		12:11	90		12:03	90
vr	1-4			18:02		315	17:59		305	17:40		265	18:02		315	18:24		325	18:27		345	18:26		335
vr	1-4																							
za	2-4				00:43	80		00:26	80		23:57	40		00:49	90		00:50	80		01:02	80		00:54	80
za	2-4			06:37		296	06:34		286	6:15		246	06:37		296	06:59		306	07:02		326	07:01		316
za	2-4				13:06	96		12:49	96		12:28	56		13:12	106		13:13	96		13:25	96		13:17	96
za	2-4			19:04		317	19:01		307	18:42		267	19:04		317	19:26		327	19:29		347	19:28		337
zo	3-4				01:52	80		01:35	80		1:02	40		01:58	90		01:59	80		02:11	80		02:03	80
zo	3-4			07:44		297	07:41		287	7:22		247	07:44		297	08:06		307	08:09		327	08:08		317
zo	3-4				14:19	85		14:02	85		13:38	45		14:25	95		14:26	85		14:38	85		14:30	85
zo	3-4			20:16		320	20:13		310	19:54		270	20:16		320	20:38		330	20:41		350	20:40		340
ma	4-4				03:09	60		02:52	60		2:20	20		03:15	70		03:16	60		03:28	60		03:20	60
ma	4-4			09:08		302	09:05		292	8:46		252	09:08		302	09:30		312	09:33		332	09:32		322
ma	4-4				15:38	68		15:21	68		15:04	28		15:44	78		15:45	68		15:57	68		15:49	68
ma	4-4			21:45		327	21:42		317	21:23		277	21:45		327	22:07		337	22:10		357	22:09		347
di	5-4				04:34	40		04:17	40		3:47	0		04:40	50		04:41	40		04:53	40		04:45	40
di	5-4			10:33		310	10:30		300	10:11		260	10:33		310	10:55		320	10:58		340	10:57		330
di	5-4				17:01	49		16:44	49		16:22	9		17:07	59		17:08	49		17:20	49		17:12	49
di	5-4			22:56		334	22:53		324	22:34		284	22:56		334	23:18		344	23:21		364	23:20		354
wo	6-4				05:42	20		05:25	20		4:53	-20		05:48	30		05:49	20		06:01	20		05:53	20
wo	6-4			11:34		315	11:31		305	11:12		265	11:34		315	11:56		325	11:59		345	11:58		335
wo	6-4				18:04	32		17:47	32		17:20	-8		18:10	42		18:11	32		18:23	32		18:15	32
wo	6-4			23:51		336	23:48		326	23:29		286	23:51		336									
do	7-4				06:37	10		06:20	10		5:46	-30		06:43	20	00:13		346	00:16		366	00:15		356
do	7-4	13:24	NM	12:25		316	12:22		306	12:03		266	12:25		316		06:44	10		06:56	10		06:48	10
do	7-4				18:56	19		18:39	19		18:10	-21		19:02	29	12:47		326	12:50		346	12:49		336
do	7-4															19:03		19	19:15		19	19:07		19
vr	8-4			00:39		337	00:36		327	0:17		287	00:39		337	01:01		347	01:04		367	01:03		357
vr	8-4				07:26	0		07:09	0		6:32	-40		07:32	10		07:33	0		07:45	0		07:37	0
vr	8-4			13:09		316	13:06		306	12:47		266	13:09		316	13:31		326	13:34		346	13:33		336
vr	8-4				19:43	7		19:26	7		18:54	-33		19:49	17		19:50	7		20:02	7		19:54	7
za	9-4			01:24		340	01:21		330	1:02		290	01:24		340	01:46		350	01:49		370	01:48		360
za	9-4				08:11	0		07:54	0		7:16	-50		08:17	0		08:18	0		08:30	0		08:22	0
za	9-4			13:52		320	13:49		310	13:30		270	13:52		320	14:14		330	14:17		350	14:16		340
za	9-4				20:26	0		20:09	0		19:38	-44		20:32	6		20:33	0		20:45	0		20:37	0

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
zo	10-4			02:08		343	02:05		333	1:46		293	02:08		343	02:30		353	02:33		373	02:32		363
zo	10-4				08:52	0		08:35	0		7:59	-50		08:58	0		08:59	0		09:11	0		09:03	0
zo	10-4			14:34		324	14:31		314	14:12		274	14:34		324	14:56		334	14:59		354	14:58		344
zo	10-4				21:08	-10		20:51	-10		20:22	-50		21:14	0		21:15	-10		21:27	-10		21:19	-10
ma	11-4			02:54		340	02:51		330	2:32		290	02:54		340	03:16		350	03:19		370	03:18		360
ma	11-4				09:32	0		09:15	0		8:43	-40		09:38	10		09:39	0		09:51	0		09:43	0
ma	11-4			15:17		324	15:14		314	14:55		274	15:17		324	15:39		334	15:42		354	15:41		344
ma	11-4				21:49	0		21:32	0		21:06	-49		21:55	1		21:56	0		22:08	0		22:00	0
di	12-4			03:40		328	03:37		318	3:18		278	03:40		328	04:02		338	04:05		358	04:04		348
di	12-4				10:10	10		09:53	10		9:28	-30		10:16	20		10:17	10		10:29	10		10:21	10
di	12-4			16:01		316	15:58		306	15:39		266	16:01		316	16:23		326	16:26		346	16:25		336
di	12-4				22:30	4		22:13	4		21:53	-36		22:36	14		22:37	4		22:49	4		22:41	4
wo	13-4			04:29		308	04:26		298	4:07		258	04:29		308	04:51		318	04:54		338	04:53		328
wo	13-4				10:44	30		10:27	30		10:16	-10		10:50	40		10:51	30		11:03	30		10:55	30
wo	13-4			16:47		302	16:44		292	16:25		252	16:47		302	17:09		312	17:12		332	17:11		322
wo	13-4				23:13	25		22:56	25		22:42	-15		23:19	35		23:20	25		23:32	25		23:24	25
do	14-4	5:59 EK		05:21		287	05:18		277	4:59		237	05:21		287	05:43		297	05:46		317	05:45		307
do	14-4				11:21	50		11:04	50		11:07	10		11:27	60		11:28	50		11:40	50		11:32	50
do	14-4			17:38		288	17:35		278	17:16		238	17:38		288	18:00		298	18:03		318	18:02		308
do	14-4																							
vr	15-4				00:17	40		00:00	40		23:37	0		00:23	50		00:24	40		00:36	40		00:28	40
vr	15-4			06:20		272	06:17		262	5:58		222	06:20		272	06:42		282	06:45		302	06:44		292
vr	15-4				12:42	76		12:25	76		12:08	36		12:48	86		12:49	76		13:01	76		12:53	76
vr	15-4			18:40		282	18:37		272	18:18		232	18:40		282	19:02		292	19:05		312	19:04		302
za	16-4				01:35	50		01:18	50		0:41	10		01:41	60		01:42	50		01:54	50		01:46	50
za	16-4			07:27		269	07:24		259	7:05		219	07:27		269	07:49		279	07:52		299	07:51		289
za	16-4				14:05	80		13:48	80		13:18	40		14:11	90		14:12	80		14:24	80		14:16	80
za	16-4			19:53		287	19:50		277	19:31		237	19:53		287	20:15		297	20:18		317	20:17		307
zo	17-4				02:42	50		02:25	50		1:56	10		02:48	60		02:49	50		03:01	50		02:53	50
zo	17-4			08:44		280	08:41		270	8:22		230	08:44		280	09:06		290	09:09		310	09:08		300
zo	17-4				15:15	73		14:58	73		14:35	33		15:21	83		15:22	73		15:34	73		15:26	73
zo	17-4			21:10		303	21:07		293	20:48		253	21:10		303	21:32		313	21:35		333	21:34		323
ma	18-4				03:55	40		03:38	40		3:12	0		04:01	50		04:02	40		04:14	40		04:06	40
ma	18-4			09:58		299	09:55		289	9:36		249	09:58		299	10:20		309	10:23		329	10:22		319
ma	18-4				16:32	59		16:15	59		15:45	19		16:38	69		16:39	59		16:51	59		16:43	59
ma	18-4			22:16		320	22:13		310	21:54		270	22:16		320	22:38		330	22:41		350	22:40		340

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
di	19-4				05:08	30		04:51	30		4:14	-10		05:14	40		05:15	30		05:27	30		05:19	30
di	19-4			10:56		314	10:53		304	10:34		264	10:56		314	11:18		324	11:21		344	11:20		334
di	19-4				17:33	45		17:16	45		16:41	5		17:39	55		17:40	45		17:52	45		17:44	45
di	19-4			23:10		326	23:07		316	22:48		276	23:10		326	23:32		336	23:35		356	23:34		346
wo	20-4				05:59	30		05:42	30		5:04	-10		06:05	40		06:06	30		06:18	30		06:10	30
wo	20-4			11:43		318	11:40		308	11:21		268	11:43		318	12:05		328	12:08		348	12:07		338
wo	20-4				18:20	40		18:03	40		17:26	0		18:26	50		18:27	40		18:39	40		18:31	40
wo	20-4			23:54		322	23:51		312	23:32		272	23:54		322									
do	21-4				06:39	30		06:22	30		5:44	-10		06:45	40	00:16		332	00:19		352	00:18		342
do	21-4			12:19		314	12:16		304	11:57		264	12:19		314		06:46	30		06:58	30		06:50	30
do	21-4				18:57	40		18:40	40		18:01	0		19:03	50	12:41		324	12:44		344	12:43		334
do	21-4																19:04	40		19:16	40		19:08	40
vr	22-4	7:24 VM		00:28		313	00:25		303	0:06		263	00:28		313	00:50		323	00:53		343	00:52		333
vr	22-4				07:12	30		06:55	30		6:15	-10		07:18	40		07:19	30		07:31	30		07:23	30
vr	22-4			12:47		314	12:44		304	12:25		264	12:47		314	13:09		324	13:12		344	13:11		334
vr	22-4				19:28	40		19:11	40		18:30	0		19:34	50		19:35	40		19:47	40		19:39	40
za	23-4			00:57		312	00:54		302	0:35		262	00:57		312	01:19		322	01:22		342	01:21		332
za	23-4				07:41	30		07:24	30		6:44	-10		07:47	40		07:48	30		08:00	30		07:52	30
za	23-4			13:16		322	13:13		312	12:54		272	13:16		322	13:38		332	13:41		352	13:40		342
za	23-4				19:56	34		19:39	34		19:00	-6		20:02	44		20:03	34		20:15	34		20:07	34
zo	24-4			01:29		318	01:26		308	1:07		268	01:29		318	01:51		328	01:54		348	01:53		338
zo	24-4				08:10	20		07:53	20		7:17	-20		08:16	30		08:17	20		08:29	20		08:21	20
zo	24-4			13:50		334	13:47		324	13:28		284	13:50		334	14:12		344	14:15		364	14:14		354
zo	24-4				20:26	29		20:09	29		19:35	-11		20:32	39		20:33	29		20:45	29		20:37	29
ma	25-4			02:05		325	02:02		315	1:43		275	02:05		325	02:27		335	02:30		355	02:29		345
ma	25-4				08:42	30		08:25	30		7:54	-10		08:48	40		08:49	30		09:01	30		08:53	30
ma	25-4			14:28		341	14:25		331	14:06		291	14:28		341	14:50		351	14:53		371	14:52		361
ma	25-4				21:00	33		20:43	33		20:13	-7		21:06	43		21:07	33		21:19	33		21:11	33
di	26-4			02:43		326	02:40		316	2:21		276	02:43		326	03:05		336	03:08		356	03:07		346
di	26-4				09:14	40		08:57	40		8:31	0		09:20	50		09:21	40		09:33	40		09:25	40
di	26-4			15:03		339	15:00		329	14:41		289	15:03		339	15:25		349	15:28		369	15:27		359
di	26-4				21:34	47		21:17	47		20:49	7		21:40	57		21:41	47		21:53	47		21:45	47
wo	27-4			03:19		318	03:16		308	2:57		268	03:19		318	03:41		328	03:44		348	03:43		338
wo	27-4				09:43	60		09:26	60		9:05	20		09:49	70		09:50	60		10:02	60		09:54	60
wo	27-4			15:35		332	15:32		322	15:13		282	15:35		332	15:57		342	16:00		362	15:59		352
wo	27-4				22:07	63		21:50	63		21:22	23		22:13	73		22:14	63		22:26	63		22:18	63

[illegible]

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
zo	1-5				00:23	70		00:06	70		23:35	30		00:29	80		00:30	70		00:42	70		00:34	70
zo	1-5			06:16		298	06:13		288	5:54		248	06:16		298	06:38		308	06:41		328	06:40		318
zo	1-5				12:44	81		12:27	81		12:05	41		12:50	91		12:51	81		13:03	81		12:55	81
zo	1-5			18:38		329	18:35		319	18:16		279	18:38		329	19:00		339	19:03		359	19:02		349
ma	2-5				01:28	60		01:11	60		0:38	20		01:34	70		01:35	60		01:47	60		01:39	60
ma	2-5			07:22		300	07:19		290	7:00		250	07:22		300	07:44		310	07:47		330	07:46		320
ma	2-5				13:52	72		13:35	72		13:12	32		13:58	82		13:59	72		14:11	72		14:03	72
ma	2-5			19:46		329	19:43		319	19:24		279	19:46		329	20:08		339	20:11		359	20:10		349
di	3-5				02:41	40		02:24	40		1:51	0		02:47	50		02:48	40		03:00	40		02:52	40
di	3-5			08:41		303	08:38		293	8:19		253	08:41		303	09:03		313	09:06		333	09:05		323
di	3-5				15:07	61		14:50	61		14:32	21		15:13	71		15:14	61		15:26	61		15:18	61
di	3-5			21:08		330	21:05		320	20:46		280	21:08		330	21:30		340	21:33		360	21:32		350
wo	4-5				04:01	30		03:44	30		3:13	-10		04:07	40		04:08	30		04:20	30		04:12	30
wo	4-5			10:03		309	10:00		299	9:41		259	10:03		309	10:25		319	10:28		339	10:27		329
wo	4-5				16:28	48		16:11	48		15:51	8		16:34	58		16:35	48		16:47	48		16:39	48
wo	4-5			22:24		333	22:21		323	22:02		283	22:24		333	22:46		343	22:49		363	22:48		353
do	5-5				05:11	20		04:54	20		4:23	-20		05:17	30		05:18	20		05:30	20		05:22	20
do	5-5			11:07		314	11:04		304	10:45		264	11:07		314	11:29		324	11:32		344	11:31		334
do	5-5				17:35	35		17:18	35		16:53	-5		17:41	45		17:42	35		17:54	35		17:46	35
do	5-5			23:24		335	23:21		325	23:02		285	23:24		335	23:46		345	23:49		365	23:48		355
vr	6-5				06:09	10		05:52	10		5:19	-30		06:15	20		06:16	10		06:28	10		06:20	10
vr	6-5			11:59		316	11:56		306	11:37		266	11:59		316	12:21		326	12:24		346	12:23		336
vr	6-5				18:31	22		18:14	22		17:45	-18		18:37	32		18:38	22		18:50	22		18:42	22
vr	6-5	21:29 NM								23:53		286												
za	7-5			00:15		336	00:12		326				0:15		336	00:37		346	00:40		366	00:39		356
za	7-5				07:01	0		06:44	0		18:08	-40		07:07	10		07:08	0		07:20	0		07:12	0
za	7-5			12:45		319	12:42		309	12:23		269	12:45		319	13:07		329	13:10		349	13:09		339
za	7-5				19:21	9		19:04	9		18:32	-31		19:27	19		19:28	9		19:40	9		19:32	9
zo	8-5			01:03		337	01:00		327	0:41		287	01:03		337	01:25		347	01:28		367	01:27		357
zo	8-5				07:48	0		07:31	0		6:54	-40		07:54	10		07:55	0		08:07	0		07:59	0
zo	8-5			13:29		324	13:26		314	13:07		274	13:29		324	13:51		334	13:54		354	13:53		344
zo	8-5				20:08	0		19:51	0		19:18	-43		20:14	7		20:15	0		20:27	0		20:19	0
ma	9-5			01:51		337	01:48		327	1:29		287	01:51		337	02:13		347	02:16		367	02:15		357
ma	9-5				08:32	0		08:15	0		7:40	-40		08:38	10		08:39	0		08:51	0		08:43	0
ma	9-5			14:13		329	14:10		319	13:51		279	14:13		329	14:35		339	14:38		359	14:37		349
ma	9-5				20:54	0		20:37	0		20:03	-49		21:00	1		21:01	0		21:13	0		21:05	0

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
di	10-5			02:38		333	02:35		323	2:16		283	02:38		333	03:00		343	03:03		363	03:02		353
di	10-5				09:14	0		08:57	0		8:25	-40		09:20	10		09:21	0		09:33	0		09:25	0
di	10-5			14:57		329	14:54		319	14:35		279	14:57		329	15:19		339	15:22		359	15:21		349
di	10-5				21:37	0		21:20	0		20:49	-45		21:43	5		21:44	0		21:56	0		21:48	0
wo	11-5			03:25		321	03:22		311	3:03		271	03:25		321	03:47		331	03:50		351	03:49		341
wo	11-5				09:54	20		09:37	20		9:11	-20		10:00	30		10:01	20		10:13	20		10:05	20
wo	11-5			15:42		323	15:39		313	15:20		273	15:42		323	16:04		333	16:07		353	16:06		343
wo	11-5				22:20	11		22:03	11		21:35	-29		22:26	21		22:27	11		22:39	11		22:31	11
do	12-5			04:13		305	04:10		295	3:51		255	04:13		305	04:35		315	04:38		335	04:37		325
do	12-5				10:29	40		10:12	40		9:57	0		10:35	50		10:36	40		10:48	40		10:40	40
do	12-5			16:26		313	16:23		303	16:04		263	16:26		313	16:48		323	16:51		343	16:50		333
do	12-5				23:05	32		22:48	32		22:22	-8		23:11	42		23:12	32		23:24	32		23:16	32
vr	13-5			05:02		290	04:59		280	4:40		240	05:02		290	05:24		300	05:27		320	05:26		310
vr	13-5				11:04	60		10:47	60		10:45	20		11:10	70		11:11	60		11:23	60		11:15	60
vr	13-5	19:02	EK	17:13		305	17:10		295	16:51		255	17:13		305	17:35		315	17:38		335	17:37		325
vr	13-5				23:58	51		23:41	51															
za	14-5			05:54		282	05:51		272		23:11	10		0:04	60		00:05	50		00:17	50		00:09	50
za	14-5				12:03	70		11:46	70	5:32		232	05:54		282	06:16		292	06:19		312	06:18		302
za	14-5			18:09		302	18:06		292		11:39	37		12:09	87		12:10	77		12:22	77		12:14	77
za	14-5									17:47		252	18:09		302	18:31		312	18:34		332	18:33		322
zo	15-5				01:01	60		00:44	60		0:08	20		01:07	70		01:08	60		01:20	60		01:12	60
zo	15-5			06:52		283	06:49		273	6:30		233	06:52		283	07:14		293	07:17		313	07:16		303
zo	15-5				13:23	83		13:06	83		12:41	43		13:29	93		13:30	83		13:42	83		13:34	83
zo	15-5			19:14		306	19:11		296	18:52		256	19:14		306	19:36		316	19:39		336	19:38		326
ma	16-5				02:03	60		01:46	60		1:12	20		02:09	70		02:10	60		02:22	60		02:14	60
ma	16-5			07:55		290	07:52		280	7:33		240	07:55		290	08:17		300	08:20		320	08:19		310
ma	16-5				14:30	78		14:13	78		13:46	38		14:36	88		14:37	78		14:49	78		14:41	78
ma	16-5			20:22		313	20:19		303	20:00		263	20:22		313	20:44		323	20:47		343	20:46		333
di	17-5				03:05	50		02:48	50		2:22	10		03:11	60		03:12	50		03:24	50		03:16	50
di	17-5			09:06		301	09:03		291	8:44		251	09:06		301	09:28		311	09:31		331	09:30		321
di	17-5				15:38	68		15:21	68		14:56	28		15:44	78		15:45	68		15:57	68		15:49	68
di	17-5			21:31		319	21:28		309	21:09		269	21:31		319	21:53		329	21:56		349	21:55		339
wo	18-5				04:12	40		03:55	40		3:29	0		04:18	50		04:19	40		04:31	40		04:23	40
wo	18-5			10:12		309	10:09		299	9:50		259	10:12		309	10:34		319	10:37		339	10:36		329
wo	18-5				16:48	57		16:31	57		15:59	17		16:54	67		16:55	57		17:07	57		16:59	57
wo	18-5			22:30		319	22:27		309	22:08		269	22:30		319	22:52		329	22:55		349	22:54		339

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
do	19-5				05:14	40		04:57	40		4:24	0		05:20	50		05:21	40		05:33	40		05:25	40
do	19-5			11:02		312	10:59		302	10:40		262	11:02		312	11:24		322	11:27		342	11:26		332
do	19-5				17:42	49		17:25	49		16:47	9		17:48	59		17:49	49		18:01	49		17:53	49
do	19-5			23:17		313	23:14		303	22:55		263	23:17		313	23:39		323	23:42		343	23:41		333
vr	20-5				05:59	40		05:42	40		5:06	0		06:05	50		06:06	40		06:18	40		06:10	40
vr	20-5			11:40		312	11:37		302	11:18		262	11:40		312	12:02		322	12:05		342	12:04		332
vr	20-5				18:22	46		18:05	46		17:25	6		18:28	56		18:29	46		18:41	46		18:33	46
vr	20-5			23:54		307	23:51		297	23:32		257	23:54		307									
za	21-5				06:36	40		06:19	40		5:41	0		06:42	50	00:16		317	00:19		337	00:18		327
za	21-5			12:13		317	12:10		307	11:51		267	12:13		317		06:43	40		06:55	40		06:47	40
za	21-5				18:56	43		18:39	43		17:58	3		19:02	53	12:35		327	12:38		347	12:37		337
za	21-5	23:14 VM															19:03	43		19:15	43		19:07	43
zo	22-5			00:28		309	00:25		299	0:06		259	00:28		309	00:50		319	00:53		339	00:52		329
zo	22-5				07:09	30		06:52	30		6:15	-10		07:15	40		07:16	30		07:28	30		07:20	30
zo	22-5			12:47		328	12:44		318	12:25		278	12:47		328	13:09		338	13:12		358	13:11		348
zo	22-5				19:29	37		19:12	37		18:34	-3		19:35	47		19:36	37		19:48	37		19:40	37
ma	23-5			01:05		318	01:02		308	0:43		268	01:05		318	01:27		328	01:30		348	01:29		338
ma	23-5				07:43	30		07:26	30		6:53	-10		07:49	40		07:50	30		08:02	30		07:54	30
ma	23-5			13:26		341	13:23		331	13:04		291	13:26		341	13:48		351	13:51		371	13:50		361
ma	23-5				20:04	33		19:47	33		19:13	-7		20:10	43		20:11	33		20:23	33		20:15	33
di	24-5			01:45		325	01:42		315	1:23		275	01:45		325	02:07		335	02:10		355	02:09		345
di	24-5				08:19	30		08:02	30		7:33	-10		08:25	40		08:26	30		08:38	30		08:30	30
di	24-5			14:05		347	14:02		337	13:43		297	14:05		347	14:27		357	14:30		377	14:29		367
di	24-5				20:42	36		20:25	36		19:53	-4		20:48	46		20:49	36		21:01	36		20:53	36
wo	25-5			02:25		325	02:22		315	2:03		275	02:25		325	02:47		335	02:50		355	02:49		345
wo	25-5				08:54	40		08:37	40		8:11	0		09:00	50		09:01	40		09:13	40		09:05	40
wo	25-5			14:42		345	14:39		335	14:20		295	14:42		345	15:04		355	15:07		375	15:06		365
wo	25-5				21:18	46		21:01	46		20:30	6		21:24	56		21:25	46		21:37	46		21:29	46
do	26-5			03:03		317	03:00		307	2:41		267	03:03		317	03:25		327	03:28		347	03:27		337
do	26-5				09:27	50		09:10	50		8:47	10		09:33	60		09:34	50		09:46	50		09:38	50
do	26-5			15:16		339	15:13		329	14:54		289	15:16		339	15:38		349	15:41		369	15:40		359
do	26-5				21:54	56		21:37	56		21:05	16		22:00	66		22:01	56		22:13	56		22:05	56
vr	27-5			03:39		307	03:36		297	3:17		257	03:39		307	04:01		317	04:04		337	04:03		327
vr	27-5				09:59	60		09:42	60		9:22	20		10:05	70		10:06	60		10:18	60		10:10	60
vr	27-5			15:49		335	15:46		325	15:27		285	15:49		335	16:11		345	16:14		365	16:13		355
vr	27-5				22:31	60		22:14	60		21:41	20		22:37	70		22:38	60		22:50	60		22:42	60

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
za	28-5			04:18		301	04:15		291	3:56		251	04:18		301	04:40		311	04:43		331	04:42		321
za	28-5				10:38	70		10:21	70		10:02	30		10:44	80		10:45	70		10:57	70		10:49	70
za	28-5			16:30		335	16:27		325	16:08		285	16:30		335	16:52		345	16:55		365	16:54		355
za	28-5				23:14	57		22:57	57		22:25	17		23:20	67		23:21	57		23:33	57		23:25	57
zo	29-5			05:04		299	05:01		289	4:42		249	05:04		299	05:26		309	05:29		329	05:28		319
zo	29-5				11:26	60		11:09	60		10:49	20		11:32	70		11:33	60		11:45	60		11:37	60
zo	29-5	14:12	LK	17:19		337	17:16		327	16:57		287	17:19		337	17:41		347	17:44		367	17:43		357
zo	29-5							23:48	51															
ma	30-5				00:05	50	05:55		290		23:16	10		00:11	60		00:12	50		00:24	50		00:16	50
ma	30-5			05:58		300		12:07	60	5:36		250	05:58		300	06:20		310	06:23		330	06:22		320
ma	30-5				12:24	63	18:13		326		11:45	23		12:30	73		12:31	63		12:43	63		12:35	63
ma	30-5			18:16		336				17:54		286	18:16		336	18:38		346	18:41		366	18:40		356
di	31-5				01:05	40		00:48	40		0:16	0		01:11	50		01:12	40		01:24	40		01:16	40
di	31-5			07:00		300	06:57		290	6:38		250	07:00		300	07:22		310	07:25		330	07:24		320
di	31-5				13:26	60		13:09	60		12:47	20		13:32	70		13:33	60		13:45	60		13:37	60
di	31-5			19:19		332	19:16		322	18:57		282	19:19		332	19:41		342	19:44		362	19:43		352

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
wo	1-6				02:13	40		01:56	40		1:24	0		02:19	50		02:20	40		02:32	40		02:24	40
wo	1-6			08:13		300	08:10		290	7:51		250	08:13		300	08:35		310	08:38		330	08:37		320
wo	1-6				14:37	58		14:20	58		14:02	18		14:43	68		14:44	58		14:56	58		14:48	58
wo	1-6			20:35		327	20:32		317	20:13		277	20:35		327	20:57		337	21:00		357	20:59		347
do	2-6				03:30	30		03:13	30		2:41	-10		03:36	40		03:37	30		03:49	30		03:41	30
do	2-6			09:32		302	09:29		292	9:10		252	09:32		302	09:54		312	09:57		332	09:56		322
do	2-6				15:57	52		15:40	52		15:21	12		16:03	62		16:04	52		16:16	52		16:08	52
do	2-6			21:54		326	21:51		316	21:32		276	21:54		326	22:16		336	22:19		356	22:18		346
vr	3-6				04:40	30		04:23	30		3:54	-10		04:46	40		04:47	30		04:59	30		04:51	30
vr	3-6			10:39		307	10:36		297	10:17		257	10:39		307	11:01		317	11:04		337	11:03		327
vr	3-6				17:07	41		16:50	41		16:27	1		17:13	51		17:14	41		17:26	41		17:18	41
vr	3-6			23:00		326	22:57		316	22:38		276	23:00		326	23:22		336	23:25		356	23:24		346
za	4-6				05:42	20		05:25	20		4:55	-20		05:48	30		05:49	20		06:01	20		05:53	20
za	4-6			11:35		312	11:32		302	11:13		262	11:35		312	11:57		322	12:00		342	11:59		332
za	4-6				18:08	28		17:51	28		17:23	-12		18:14	38		18:15	28		18:27	28		18:19	28
za	4-6			23:56		327	23:53		317	23:34		277	23:56		327									
zo	5-6	5:00 NM			06:38	10		06:21	10		5:48	-30		06:44	20	00:18		337	00:21		357	00:20		347
zo	5-6			12:24		318	12:21		308	12:02		268	12:24		318		06:45	10		06:57	10		06:49	10
zo	5-6				19:04	13		18:47	13		18:13	-27		19:10	23	12:46		328	12:49		348	12:48		338
zo	5-6																19:11	13		19:23	13		19:15	13
ma	6-6			00:47		329	00:44		319	0:25		279	00:47		329	01:09		339	01:12		359	01:11		349
ma	6-6				07:30	10		07:13	10		6:36	-30		07:36	20		07:37	10		07:49	10		07:41	10
ma	6-6			13:10		325	13:07		315	12:48		275	13:10		325	13:32		335	13:35		355	13:34		345
ma	6-6				19:56	2		19:39	2		19:01	-38		20:02	12		20:03	2		20:15	2		20:07	2
di	7-6			01:37		329	01:34		319	1:15		279	01:37		329	01:59		339	02:02		359	02:01		349
di	7-6				08:17	10		08:00	10		7:24	-30		08:23	20		08:24	10		08:36	10		08:28	10
di	7-6			13:56		331	13:53		321	13:34		281	13:56		331	14:18		341	14:21		361	14:20		351
di	7-6				20:43	0		20:26	0		19:48	-41		20:49	9		20:50	0		21:02	0		20:54	0
wo	8-6			02:24		326	02:21		316	2:02		276	02:24		326	02:46		336	02:49		356	02:48		346
wo	8-6				09:02	10		08:45	10		8:10	-30		09:08	20		09:09	10		09:21	10		09:13	10
wo	8-6			14:40		332	14:37		322	14:18		282	14:40		332	15:02		342	15:05		362	15:04		352
wo	8-6				21:28	7		21:11	7		20:33	-33		21:34	17		21:35	7		21:47	7		21:39	7
do	9-6			03:11		318	03:08		308	2:49		268	03:11		318	03:33		328	03:36		348	03:35		338
do	9-6				09:43	30		09:26	30		8:55	-10		09:49	40		09:50	30		10:02	30		09:54	30
do	9-6			15:24		327	15:21		317	15:02		277	15:24		327	15:46		337	15:49		357	15:48		347
do	9-6				22:10	25		21:53	25		21:18	-15		22:16	35		22:17	25		22:29	25		22:21	25

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
vr	10-6			03:56		307	03:53		297	3:34		257	03:56		307	04:18		317	04:21		337	04:20		327
vr	10-6				10:19	50		10:02	50		9:39	10		10:25	60		10:26	50		10:38	50		10:30	50
vr	10-6			16:06		322	16:03		312	15:44		272	16:06		322	16:28		332	16:31		352	16:30		342
vr	10-6				22:50	44		22:33	44		22:00	4		22:56	54		22:57	44		23:09	44		23:01	44
za	11-6			04:39		299	04:36		289	4:17		249	04:39		299	05:01		309	05:04		329	05:03		319
za	11-6				10:52	60		10:35	60		10:21	20		10:58	70		10:59	60		11:11	60		11:03	60
za	11-6			16:48		318	16:45		308	16:26		268	16:48		318	17:10		328	17:13		348	17:12		338
za	11-6				23:32	58		23:15	58		22:44	18		23:38	68		23:39	58		23:51	58		23:43	58
zo	12-6			05:24		295	05:21		285	5:02		245	05:24		295	05:46		305	05:49		325	05:48		315
zo	12-6	10:10	EK		11:33	70		11:16	70		11:08	30		11:39	80		11:40	70		11:52	70		11:44	70
zo	12-6			17:36		317	17:33		307	17:14		267	17:36		317	17:58		327	18:01		347	18:00		337
zo	12-6																							
ma	13-6				00:21	60		00:04	60		23:33	20		00:27	70		00:28	60		00:40	60		00:32	60
ma	13-6			06:14		297	06:11		287	5:52		247	06:14		297	06:36		307	06:39		327	06:38		317
ma	13-6				12:34	82		12:17	82		12:01	42		12:40	92		12:41	82		12:53	82		12:45	82
ma	13-6			18:33		317	18:30		307	18:11		267	18:33		317	18:55		327	18:58		347	18:57		337
di	14-6				01:19	60		01:02	60		0:30	20		01:25	70		01:26	60		01:38	60		01:30	60
di	14-6			07:11		299	07:08		289	6:49		249	07:11		299	07:33		309	07:36		329	07:35		319
di	14-6				13:40	81		13:23	81		13:01	41		13:46	91		13:47	81		13:59	81		13:51	81
di	14-6			19:35		316	19:32		306	19:13		266	19:35		316	19:57		326	20:00		346	19:59		336
wo	15-6				02:18	60		02:01	60		1:30	20		02:24	70		02:25	60		02:37	60		02:29	60
wo	15-6			08:10		302	08:07		292	7:48		252	08:10		302	08:32		312	08:35		332	08:34		322
wo	15-6				14:46	77		14:29	77		14:02	37		14:52	87		14:53	77		15:05	77		14:57	77
wo	15-6			20:38		312	20:35		302	20:16		262	20:38		312	21:00		322	21:03		342	21:02		332
do	16-6				03:19	50		03:02	50		2:33	10		03:25	60		03:26	50		03:38	50		03:30	50
do	16-6			09:12		304	09:09		294	8:50		254	09:12		304	09:34		314	09:37		334	09:36		324
do	16-6				15:52	71		15:35	71		15:03	31		15:58	81		15:59	71		16:11	71		16:03	71
do	16-6			21:39		307	21:36		297	21:17		257	21:39		307	22:01		317	22:04		337	22:03		327
vr	17-6				04:20	50		04:03	50		3:33	10		04:26	60		04:27	50		04:39	50		04:31	50
vr	17-6			10:11		307	10:08		297	9:49		257	10:11		307	10:33		317	10:36		337	10:35		327
vr	17-6				16:55	65		16:38	65		16:00	25		17:01	75		17:02	65		17:14	65		17:06	65
vr	17-6			22:34		303	22:31		293	22:12		253	22:34		303	22:56		313	22:59		333	22:58		323
za	18-6				05:14	50		04:57	50		4:24	10		05:20	60		05:21	50		05:33	50		05:25	50
za	18-6			10:59		313	10:56		303	10:37		263	10:59		313	11:21		323	11:24		343	11:23		333
za	18-6				17:45	60		17:28	60		16:47	20		17:51	70		17:52	60		18:04	60		17:56	60
za	18-6			23:20		304	23:17		294	22:58		254	23:20		304	23:42		314	23:45		334	23:44		324

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
zo	19-6				05:59	50		05:42	50		5:08	10		06:05	60		06:06	50		06:18	50		06:10	50
zo	19-6			11:41		323	11:38		313	11:19		273	11:41		323	12:03		333	12:06		353	12:05		343
zo	19-6				18:25	53		18:08	53		17:29	13		18:31	63		18:32	53		18:44	53		18:36	53
zo	19-6						23:58		300	23:39		260												
ma	20-6			00:01		310		06:22	40				0:01		310	00:23		320	00:26		340	00:25		330
ma	20-6	13:02	VM		06:39	40	12:19		325		17:49	0		06:45	50		06:46	40		06:58	40		06:50	40
ma	20-6			12:22		335		18:48	46	12:00		285	12:22		335	12:44		345	12:47		365	12:46		355
ma	20-6				19:05	46					18:10	6		19:11	56		19:12	46		19:24	46		19:16	46
di	21-6			00:43		319	00:40		309	0:21		269	00:43		319	01:05		329	01:08		349	01:07		339
di	21-6				07:20	40		07:03	40		6:31	0		07:26	50		07:27	40		07:39	40		07:31	40
di	21-6			13:04		346	13:01		336	12:42		296	13:04		346	13:26		356	13:29		376	13:28		366
di	21-6				19:45	41		19:28	41		18:53	1		19:51	51		19:52	41		20:04	41		19:56	41
wo	22-6			01:27		325	01:24		315	1:05		275	01:27		325	01:49		335	01:52		355	01:51		345
wo	22-6				07:59	40		07:42	40		7:14	0		08:05	50		08:06	40		08:18	40		08:10	40
wo	22-6			13:45		350	13:42		340	13:23		300	13:45		350	14:07		360	14:10		380	14:09		370
wo	22-6				20:26	39		20:09	39		19:35	-1		20:32	49		20:33	39		20:45	39		20:37	39
do	23-6			02:09		323	02:06		313	1:47		273	02:09		323	02:31		333	02:34		353	02:33		343
do	23-6				08:37	40		08:20	40		7:54	0		08:43	50		08:44	40		08:56	40		08:48	40
do	23-6			14:24		348	14:21		338	14:02		298	14:24		348	14:46		358	14:49		378	14:48		368
do	23-6				21:05	42		20:48	42		20:14	2		21:11	52		21:12	42		21:24	42		21:16	42
vr	24-6			02:48		316	02:45		306	2:26		266	02:48		316	03:10		326	03:13		346	03:12		336
vr	24-6				09:13	50		08:56	50		8:31	10		09:19	60		09:20	50		09:32	50		09:24	50
vr	24-6			14:59		343	14:56		333	14:37		293	14:59		343	15:21		353	15:24		373	15:23		363
vr	24-6				21:42	44		21:25	44		20:50	4		21:48	54		21:49	44		22:01	44		21:53	44
za	25-6			03:26		308	03:23		298	3:04		258	03:26		308	03:48		318	03:51		338	03:50		328
za	25-6				09:49	50		09:32	50		9:08	10		09:55	60		09:56	50		10:08	50		10:00	50
za	25-6			15:34		341	15:31		331	15:12		291	15:34		341	15:56		351	15:59		371	15:58		361
za	25-6				22:20	43		22:03	43		21:27	3		22:26	53		22:27	43		22:39	43		22:31	43
zo	26-6			04:05		304	04:02		294	3:43		254	04:05		304	04:27		314	04:30		334	04:29		324
zo	26-6				10:28	50		10:11	50		9:48	10		10:34	60		10:35	50		10:47	50		10:39	50
zo	26-6			16:15		342	16:12		332	15:53		292	16:15		342	16:37		352	16:40		372	16:39		362
zo	26-6				23:00	39		22:43	39		22:10	-1		23:06	49		23:07	39		23:19	39		23:11	39
ma	27-6			04:50		303	04:47		293	4:28		253	04:50		303	05:12		313	05:15		333	05:14		323
ma	27-6				11:12	40		10:55	40		10:34	0		11:18	50		11:19	40		11:31	40		11:23	40
ma	27-6			17:02		342	16:59		332	16:40		292	17:02		342	17:24		352	17:27		372	17:26		362
ma	27-6	20:19	LK		23:47	38		23:30	38		22:59	-2		23:53	48		23:54	38					23:58	38

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
di	28-6			05:40		302	05:37		292	5:18		252	05:40		302	06:02		312		00:06	30	06:04		322
di	28-6				12:03	40		11:46	40		11:25	0		12:09	50		12:10	40	06:05		332		12:14	40
di	28-6			17:55		338	17:52		328	17:33		288	17:55		338	18:17		348		12:22	49	18:19		358
di	28-6																		18:20		368			
wo	29-6				00:41	40		00:24	40		23:54	0		00:47	50		00:48	40		01:00	40		00:52	40
wo	29-6			06:38		298	06:35		288	6:16		248	06:38		298	07:00		308	07:03		328	07:02		318
wo	29-6				13:00	55		12:43	55		12:24	15		13:06	65		13:07	55		13:19	55		13:11	55
wo	29-6			18:55		328	18:52		318	18:33		278	18:55		328	19:17		338	19:20		358	19:19		348
do	30-6				01:46	40		01:29	40		0:59	0		01:52	50		01:53	40		02:05	40		01:57	40
do	30-6			07:47		294	07:44		284	7:25		244	07:47		294	08:09		304	08:12		324	08:11		314
do	30-6				14:09	61		13:52	61		13:36	21		14:15	71		14:16	61		14:28	61		14:20	61
do	30-6			20:09		318	20:06		308	19:47		268	20:09		318	20:31		328	20:34		348	20:33		338

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
vr	1-7				03:04	40		02:47	40		2:14	0		03:10	50		03:11	40		03:23	40		03:15	40
vr	1-7			09:04		293	09:01		283	8:42		243	09:04		293	09:26		303	09:29		323	09:28		313
vr	1-7				15:33	58		15:16	58		14:55	18		15:39	68		15:40	58		15:52	58		15:44	58
vr	1-7			21:31		313	21:28		303	21:09		263	21:31		313	21:53		323	21:56		343	21:55		333
za	2-7				04:14	40		03:57	40		3:31	0		04:20	50		04:21	40		04:33	40		04:25	40
za	2-7			10:16		298	10:13		288	9:54		248	10:16		298	10:38		308	10:41		328	10:40		318
za	2-7				16:45	48		16:28	48		16:07	8		16:51	58		16:52	48		17:04	48		16:56	48
za	2-7			22:43		314	22:40		304	22:21		264	22:43		314	23:05		324	23:08		344	23:07		334
zo	3-7				05:20	30		05:03	30		4:36	-10		05:26	40		05:27	30		05:39	30		05:31	30
zo	3-7			11:14		308	11:11		298	10:52		258	11:14		308	11:36		318	11:39		338	11:38		328
zo	3-7				17:54	33		17:37	33		17:06	-7		18:00	43		18:01	33		18:13	33		18:05	33
zo	3-7			23:42		319	23:39		309	23:20		269	23:42		319									
ma	4-7				06:23	30		06:06	30		5:32	-10		06:29	40	00:04		329	00:07		349	00:06		339
ma	4-7	13:01	NM	12:06		319	12:03		309	11:44		269	12:06		319		06:30	30		06:42	30		06:34	30
ma	4-7				18:54	19		18:37	19		17:58	-21		19:00	29	12:28		329	12:31		349	12:30		339
ma	4-7																19:01	19		19:13	19		19:05	19
di	5-7			00:35		324	00:32		314	0:13		274	00:35		324	00:57		334	01:00		354	00:59		344
di	5-7				07:17	20		07:00	20		6:22	-20		07:23	30		07:24	20		07:36	20		07:28	20
di	5-7			12:54		329	12:51		319	12:32		279	12:54		329	13:16		339	13:19		359	13:18		349
di	5-7				19:46	10		19:29	10		18:47	-30		19:52	20		19:53	10		20:05	10		19:57	10
wo	6-7			01:24		326	01:21		316	1:02		276	01:24		326	01:46		336	01:49		356	01:48		346
wo	6-7				08:05	20		07:48	20		7:10	-20		08:11	30		08:12	20		08:24	20		08:16	20
wo	6-7			13:40		334	13:37		324	13:18		284	13:40		334	14:02		344	14:05		364	14:04		354
wo	6-7				20:32	12		20:15	12		19:33	-28		20:38	22		20:39	12		20:51	12		20:43	12
do	7-7			02:11		325	02:08		315	1:49		275	02:11		325	02:33		335	02:36		355	02:35		345
do	7-7				08:49	30		08:32	30		7:55	-10		08:55	40		08:56	30		09:08	30		09:00	30
do	7-7			14:24		336	14:21		326	14:02		286	14:24		336	14:46		346	14:49		366	14:48		356
do	7-7				21:15	24		20:58	24		20:17	-16		21:21	34		21:22	24		21:34	24		21:26	24
vr	8-7			02:54		320	02:51		310	2:32		270	02:54		320	03:16		330	03:19		350	03:18		340
vr	8-7				09:27	40		09:10	40		8:37	0		09:33	50		09:34	40		09:46	40		09:38	40
vr	8-7			15:04		333	15:01		323	14:42		283	15:04		333	15:26		343	15:29		363	15:28		353
vr	8-7				21:53	41		21:36	41		20:56	1		21:59	51		22:00	41		22:12	41		22:04	41
za	9-7			03:33		314	03:30		304	3:11		264	03:33		314	03:55		324	03:58		344	03:57		334
za	9-7				10:01	60		09:44	60		9:15	20		10:07	70		10:08	60		10:20	60		10:12	60
za	9-7			15:42		330	15:39		320	15:20		280	15:42		330	16:04		340	16:07		360	16:06		350
za	9-7				22:26	55		22:09	55		21:34	15		22:32	65		22:33	55		22:45	55		22:37	55

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
zo	10-7			04:11		310	04:08		300	3:49		260	04:11		310	04:33		320	04:36		340	04:35		330
zo	10-7				10:29	70		10:12	70		9:53	30		10:35	80		10:36	70		10:48	70		10:40	70
zo	10-7			16:19		329	16:16		319	15:57		279	16:19		329	16:41		339	16:44		359	16:43		349
zo	10-7				22:59	62		22:42	62		22:13	22		23:05	72		23:06	62		23:18	62		23:10	62
ma	11-7			04:51		309	04:48		299	4:29		259	04:51		309	05:13		319	05:16		339	05:15		329
ma	11-7				11:03	70		10:46	70		10:33	30		11:09	80		11:10	70		11:22	70		11:14	70
ma	11-7			17:00		327	16:57		317	16:38		277	17:00		327	17:22		337	17:25		357	17:24		347
ma	11-7				23:39	66		23:22	66		22:55	26		23:45	76		23:46	66		23:58	66		23:50	66
di	12-7	2:52	EK	05:35		308	05:32		298	5:13		258	05:35		308	05:57		318	06:00		338	05:59		328
di	12-7				11:47	70		11:30	70		11:20	30		11:53	80		11:54	70		12:06	70		11:58	70
di	12-7			17:49		322	17:46		312	17:27		272	17:49		322	18:11		332	18:14		352	18:13		342
di	12-7																							
wo	13-7				00:28	70		00:11	70		23:46	30		00:34	80		00:35	70		00:47	70		00:39	70
wo	13-7			06:27		306	06:24		296	6:05		256	06:27		306	06:49		316	06:52		336	06:51		326
wo	13-7				12:44	85		12:27	85		12:14	45		12:50	95		12:51	85		13:03	85		12:55	85
wo	13-7			18:45		313	18:42		303	18:23		263	18:45		313	19:07		323	19:10		343	19:09		333
do	14-7				01:25	70		01:08	70		0:41	30		01:31	80		01:32	70		01:44	70		01:36	70
do	14-7			07:22		302	07:19		292	7:00		252	07:22		302	07:44		312	07:47		332	07:46		322
do	14-7				13:47	91		13:30	91		13:12	51		13:53	101		13:54	91		14:06	91		13:58	91
do	14-7			19:46		304	19:43		294	19:24		254	19:46		304	20:08		314	20:11		334	20:10		324
vr	15-7				02:26	80		02:09	80		1:41	40		02:32	90		02:33	80		02:45	80		02:37	80
vr	15-7			08:21		301	08:18		291	7:59		251	08:21		301	08:43		311	08:46		331	08:45		321
vr	15-7				14:54	93		14:37	93		14:12	53		15:00	103		15:01	93		15:13	93		15:05	93
vr	15-7			20:47		298	20:44		288	20:25		248	20:47		298	21:09		308	21:12		328	21:11		318
za	16-7				03:27	80		03:10	80		2:42	40		03:33	90		03:34	80		03:46	80		03:38	80
za	16-7			09:21		306	09:18		296	8:59		256	09:21		306	09:43		316	09:46		336	09:45		326
za	16-7				16:02	90		15:45	90		15:12	50		16:08	100		16:09	90		16:21	90		16:13	90
za	16-7			21:47		298	21:44		288	21:25		248	21:47		298	22:09		308	22:12		328	22:11		318
zo	17-7				04:27	80		04:10	80		3:41	40		04:33	90		04:34	80		04:46	80		04:38	80
zo	17-7			10:19		317	10:16		307	9:57		267	10:19		317	10:41		327	10:44		347	10:43		337
zo	17-7				17:05	81		16:48	81		16:09	41		17:11	91		17:12	81		17:24	81		17:16	81
zo	17-7			22:44		305	22:41		295	22:22		255	22:44		305	23:06		315	23:09		335	23:08		325
ma	18-7				05:23	70		05:06	70		4:35	30		05:29	80		05:30	70		05:42	70		05:34	70
ma	18-7			11:11		332	11:08		322	10:49		282	11:11		332	11:33		342	11:36		362	11:35		352
ma	18-7				17:56	70		17:39	70		17:01	30		18:02	80		18:03	70		18:15	70		18:07	70
ma	18-7			23:36		315	23:33		305	23:14		265	23:36		315	23:58		325			345			335

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
di	19-7				06:12	60		05:55	60		5:25	20		06:18	70		06:19	60	00:01		345	00:00		335
di	19-7				11:59	345		11:56	335		11:37	295		11:59	345		12:21	355		06:31	60		06:23	60
di	19-7				18:43	57		18:26	57		17:49	17		18:49	67		18:50	57	12:24		375	12:23		365
di	19-7																		19:02	57		18:54	57	
wo	20-7	0:57	VM		00:24	323		00:21	313		0:02	273		0:24	323		00:46	333		00:49	353		00:48	343
wo	20-7				06:58	50		06:41	50		18:12	10		07:04	60		07:05	50		07:17	50		07:09	50
wo	20-7				12:44	352		12:41	342		12:22	302		12:44	352		13:06	362		13:09	382		13:08	372
wo	20-7				19:27	46		19:10	46		18:35	6		19:33	56		19:34	46		19:46	46		19:38	46
do	21-7				01:10	326		01:07	316		0:48	276		01:10	326		01:32	336		01:35	356		01:34	346
do	21-7				07:42	40		07:25	40		6:56	0		07:48	50		07:49	40		08:01	40		07:53	40
do	21-7				13:27	353		13:24	343		13:05	303		13:27	353		13:49	363		13:52	383		13:51	373
do	21-7				20:10	39		19:53	39		19:18	-1		20:16	49		20:17	39		20:29	39		20:21	39
vr	22-7				01:53	323		01:50	313		1:31	273		01:53	323		02:15	333		02:18	353		02:17	343
vr	22-7				08:22	40		08:05	40		7:37	0		08:28	50		08:29	40		08:41	40		08:33	40
vr	22-7				14:06	350		14:03	340		13:44	300		14:06	350		14:28	360		14:31	380		14:30	370
vr	22-7				20:51	36		20:34	36		19:57	-4		20:57	46		20:58	36		21:10	36		21:02	36
za	23-7				02:33	317		02:30	307		2:11	267		02:33	317		02:55	327		02:58	347		02:57	337
za	23-7				09:00	40		08:43	40		8:16	0		09:06	50		09:07	40		09:19	40		09:11	40
za	23-7				14:43	348		14:40	338		14:21	298		14:43	348		15:05	358		15:08	378		15:07	368
za	23-7				21:29	33		21:12	33		20:35	-7		21:35	43		21:36	33		21:48	33		21:40	33
zo	24-7				03:12	313		03:09	303		2:50	263		03:12	313		03:34	323		03:37	343		03:36	333
zo	24-7				09:37	30		09:20	30		8:54	-10		09:43	40		09:44	30		09:56	30		09:48	30
zo	24-7				15:20	349		15:17	339		14:58	299		15:20	349		15:42	359		15:45	379		15:44	369
zo	24-7				22:07	31		21:50	31		21:14	-9		22:13	41		22:14	31		22:26	31		22:18	31
ma	25-7				03:52	311		03:49	301		3:30	261		03:52	311		04:14	321		04:17	341		04:16	331
ma	25-7				10:15	30		09:58	30		9:34	-10		10:21	40		10:22	30		10:34	30		10:26	30
ma	25-7				16:01	350		15:58	340		15:39	300		16:01	350		16:23	360		16:26	380		16:25	370
ma	25-7				22:46	31		22:29	31		21:56	-9		22:52	41		22:53	31		23:05	31		22:57	31
di	26-7				04:35	310		04:32	300		4:13	260		04:35	310		04:57	320		05:00	340		04:59	330
di	26-7				10:56	30		10:39	30		10:19	-10		11:02	40		11:03	30		11:15	30		11:07	30
di	26-7				16:47	347		16:44	337		16:25	297		16:47	347		17:09	357		17:12	377		17:11	367
di	26-7				23:29	36		23:12	36		22:43	-4		23:35	46		23:36	36		23:48	36		23:40	36
wo	27-7	1:00	LK		05:23	306		05:20	296		5:01	256		05:23	306		05:45	316		05:48	336		05:47	326
wo	27-7				11:43	40		11:26	40		11:08	0		11:49	50		11:50	40		12:02	40		11:54	40
wo	27-7				17:37	336		17:34	326		17:15	286		17:37	336		17:59	346		18:02	366		18:01	356
wo	27-7																							

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
do	28-7				00:18	40		00:01	40		23:35	0		00:24	50		00:25	40		00:37	40		00:29	40
do	28-7			06:18		297	06:15		287	5:56		247	06:18		297	06:40		307	06:43		327	06:42		317
do	28-7				12:36	56		12:19	56		12:05	16		12:42	66		12:43	56		12:55	56		12:47	56
do	28-7			18:37		320	18:34		310	18:15		270	18:37		320	18:59		330	19:02		350	19:01		340
vr	29-7				01:21	60		01:04	60		0:39	20		01:27	70		01:28	60		01:40	60		01:32	60
vr	29-7			07:25		289	07:22		279	7:03		239	07:25		289	07:47		299	07:50		319	07:49		309
vr	29-7				13:48	67		13:31	67		13:17	27		13:54	77		13:55	67		14:07	67		13:59	67
vr	29-7			19:54		305	19:51		295	19:32		255	19:54		305	20:16		315	20:19		335	20:18		325
za	30-7				02:45	60		02:28	60		1:56	20		02:51	70		02:52	60		03:04	60		02:56	60
za	30-7			08:43		287	08:40		277	8:21		237	08:43		287	09:05		297	09:08		317	09:07		307
za	30-7				15:18	66		15:01	66		14:38	26		15:24	76		15:25	66		15:37	66		15:29	66
za	30-7			21:18		301	21:15		291	20:56		251	21:18		301	21:40		311	21:43		331	21:42		321
zo	31-7				03:57	60		03:40	60		3:15	20		04:03	70		04:04	60		04:16	60		04:08	60
zo	31-7			09:57		296	09:54		286	9:35		246	09:57		296	10:19		306	10:22		326	10:21		316
zo	31-7				16:32	54		16:15	54		15:52	14		16:38	64		16:39	54		16:51	54		16:43	54
zo	31-7			22:31		308	22:28		298	22:09		258	22:31		308	22:53		318	22:56		338	22:55		328

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
ma	1-8				05:07	50		04:50	50		4:22	10		05:13	60		05:14	50		05:26	50		05:18	50
ma	1-8			10:58		312	10:55		302	10:36		262	10:58		312	11:20		322	11:23		342	11:22		332
ma	1-8				17:46	39		17:29	39		16:52	-1		17:52	49		17:53	39		18:05	39		17:57	39
ma	1-8			23:31		319	23:28		309	23:09		269	23:31		319	23:53		329	23:56		349	23:55		339
di	2-8				06:13	40		05:56	40		17:19	0		06:19	50		06:20	40		06:32	40		06:24	40
di	2-8			11:51		328	11:48		318	11:29		278	11:51		328	12:13		338	12:16		358	12:15		348
di	2-8				18:45	26		18:28	26		17:45	-14		18:51	36		18:52	26		19:04	26		18:56	26
di	2-8	22:45	NM																					
wo	3-8			00:23		328	00:20		318	0:01		278	0:23		328	00:45		338	00:48		358	00:47		348
wo	3-8				07:05	30		06:48	30		18:09	-10		07:11	40		07:12	30		07:24	30		07:16	30
wo	3-8			12:39		339	12:36		329	12:17		289	12:39		339	13:01		349	13:04		369	13:03		359
wo	3-8				19:34	22		19:17	22		18:32	-18		19:40	32		19:41	22		19:53	22		19:45	22
do	4-8			01:10		332	01:07		322	0:48		282	01:10		332	01:32		342	01:35		362	01:34		352
do	4-8				07:51	30		07:34	30		6:55	-10		07:57	40		07:58	30		08:10	30		08:02	30
do	4-8			13:24		344	13:21		334	13:02		294	13:24		344	13:46		354	13:49		374	13:48		364
do	4-8				20:17	29		20:00	29		19:16	-11		20:23	39		20:24	29		20:36	29		20:28	29
vr	5-8			01:53		330	01:50		320	1:31		280	01:53		330	02:15		340	02:18		360	02:17		350
vr	5-8				08:31	40		08:14	40		7:36	0		08:37	50		08:38	40		08:50	40		08:42	40
vr	5-8			14:04		343	14:01		333	13:42		293	14:04		343	14:26		353	14:29		373	14:28		363
vr	5-8				20:55	43		20:38	43		19:55	3		21:01	53		21:02	43		21:14	43		21:06	43
za	6-8			02:31		326	02:28		316	2:09		276	02:31		326	02:53		336	02:56		356	02:55		346
za	6-8				09:06	50		08:49	50		8:13	10		09:12	60		09:13	50		09:25	50		09:17	50
za	6-8			14:39		340	14:36		330	14:17		290	14:39		340	15:01		350	15:04		370	15:03		360
za	6-8				21:27	55		21:10	55		20:30	15		21:33	65		21:34	55		21:46	55		21:38	55
zo	7-8			03:05		323	03:02		313	2:43		273	03:05		323	03:27		333	03:30		353	03:29		343
zo	7-8				09:34	60		09:17	60		8:47	20		09:40	70		09:41	60		09:53	60		09:45	60
zo	7-8			15:13		339	15:10		329	14:51		289	15:13		339	15:35		349	15:38		369	15:37		359
zo	7-8				21:55	62		21:38	62		21:03	22		22:01	72		22:02	62		22:14	62		22:06	62
ma	8-8			03:38		323	03:35		313	3:16		273	03:38		323	04:00		333	04:03		353	04:02		343
ma	8-8				09:59	70		09:42	70		9:20	30		10:05	80		10:06	70		10:18	70		10:10	70
ma	8-8			15:46		338	15:43		328	15:24		288	15:46		338	16:08		348	16:11		368	16:10		358
ma	8-8				22:25	64		22:08	64		21:38	24		22:31	74		22:32	64		22:44	64		22:36	64
di	9-8			04:14		323	04:11		313	3:52		273	04:14		323	04:36		333	04:39		353	04:38		343
di	9-8				10:31	70		10:14	70		9:56	30		10:37	80		10:38	70		10:50	70		10:42	70
di	9-8			16:23		335	16:20		325	16:01		285	16:23		335	16:45		345	16:48		365	16:47		355
di	9-8				22:59	69		22:42	69		22:17	29		23:05	79		23:06	69		23:18	69		23:10	69

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
wo	10-8			04:55		320	04:52		310	4:33		270	04:55		320	05:17		330	05:20		350	05:19		340
wo	10-8				11:09	80		10:52	80		10:38	40		11:15	90		11:16	80		11:28	80		11:20	80
wo	10-8			17:05		326	17:02		316	16:43		276	17:05		326	17:27		336	17:30		356	17:29		346
wo	10-8	20:21	EK		23:39	80		23:22	80		23:01	40		23:45	90		23:46	80		23:58	80		23:50	80
do	11-8			05:41		313	05:38		303	5:19		263	05:41		313	06:03		323	06:06		343	06:05		333
do	11-8				11:55	90		11:38	90		11:25	50		12:01	100		12:02	90		12:14	90		12:06	90
do	11-8			17:53		313	17:50		303	17:31		263	17:53		313	18:15		323	18:18		343	18:17		333
do	11-8																							
vr	12-8				00:26	90		00:09	90		23:50	50		00:32	100		00:33	90		00:45	90		00:37	90
vr	12-8			06:31		306	06:28		296	6:09		256	06:31		306	06:53		316	06:56		336	06:55		326
vr	12-8				12:49	108		12:32	108		12:17	68		12:55	118		12:56	108		13:08	108		13:00	108
vr	12-8			18:48		302	18:45		292	18:26		252	18:48		302	19:10		312	19:13		332	19:12		322
za	13-8				01:20	110		01:03	110		0:46	70		01:26	120		01:27	110		01:39	110		01:31	110
za	13-8			07:28		304	07:25		294	7:06		254	07:28		304	07:50		314	07:53		334	07:52		324
za	13-8				13:50	118		13:33	118		13:16	78		13:56	128		13:57	118		14:09	118		14:01	118
za	13-8			19:49		297	19:46		287	19:27		247	19:49		297	20:11		307	20:14		327	20:13		317
zo	14-8				02:21	110		02:04	110		1:47	70		02:27	120		02:28	110		02:40	110		02:32	110
zo	14-8			08:30		310	08:27		300	8:08		260	08:30		310	08:52		320	08:55		340	08:54		330
zo	14-8				14:58	117		14:41	117		14:20	77		15:04	127		15:05	117		15:17	117		15:09	117
zo	14-8			20:54		301	20:51		291	20:32		251	20:54		301	21:16		311	21:19		331	21:18		321
ma	15-8				03:26	110		03:09	110		2:53	70		03:32	120		03:33	110		03:45	110		03:37	110
ma	15-8			09:36		324	09:33		314	9:14		274	09:36		324	09:58		334	10:01		354	10:00		344
ma	15-8				16:14	105		15:57	105		15:27	65		16:20	115		16:21	105		16:33	105		16:25	105
ma	15-8			22:03		311	22:00		301	21:41		261	22:03		311	22:25		321	22:28		341	22:27		331
di	16-8				04:38	90		04:21	90		3:59	50		04:44	100		04:45	90		04:57	90		04:49	90
di	16-8			10:39		342	10:36		332	10:17		292	10:39		342	11:01		352	11:04		372	11:03		362
di	16-8				17:24	85		17:07	85		16:31	45		17:30	95		17:31	85		17:43	85		17:35	85
di	16-8			23:08		323	23:05		313	22:46		273	23:08		323	23:30		333	23:33		353	23:32		343
wo	17-8				05:43	70		05:26	70		4:59	30		05:49	80		05:50	70		06:02	70		05:54	70
wo	17-8			11:34		354	11:31		344	11:12		304	11:34		354	11:56		364	11:59		384	11:58		374
wo	17-8				18:18	65		18:01	65		17:26	25		18:24	75		18:25	65		18:37	65		18:29	65
wo	17-8						23:59		320	23:40		-50												
do	18-8			00:02		330		06:18	60			280	0:02		330	00:24		340	00:27		360	00:26		350
do	18-8	11:27	VM		06:35	60	12:19		349		17:50	20		06:41	70		06:42	60		06:54	60		06:46	60
do	18-8			12:22		359		18:49	49	12:00		309	12:22		359	12:44		369	12:47		389	12:46		379
do	18-8				19:06	49			320		18:14	9		19:12	59		19:13	49		19:25	49		19:17	49

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maandag				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
vr	19-8			00:50		330	00:47		320	0:28		280	00:50		330	01:12		340	01:15		360	01:14		350
vr	19-8				07:21	40		07:04	40		6:36	0		07:27	50		07:28	40		07:40	40		07:32	40
vr	19-8			13:06		357	13:03		347	12:44		307	13:06		357	13:28		367	13:31		387	13:30		377
vr	19-8				19:51	38		19:34	38		18:58	-2		19:57	48		19:58	38		20:10	38		20:02	38
za	20-8			01:34		326	01:31		316	1:12		276	01:34		326	01:56		336	01:59		356	01:58		346
za	20-8				08:04	40		07:47	40		7:18	0		08:10	50		08:11	40		08:23	40		08:15	40
za	20-8			13:46		355	13:43		345	13:24		305	13:46		355	14:08		365	14:11		385	14:10		375
za	20-8				20:33	32		20:16	32		19:38	-8		20:39	42		20:40	32		20:52	32		20:44	32
zo	21-8			02:14		322	02:11		312	1:52		272	02:14		322	02:36		332	02:39		352	02:38		342
zo	21-8				08:43	30		08:26	30		7:57	-10		08:49	40		08:50	30		09:02	30		08:54	30
zo	21-8			14:25		356	14:22		346	14:03		306	14:25		356	14:47		366	14:50		386	14:49		376
zo	21-8				21:12	28		20:55	28		20:17	-12		21:18	38		21:19	28		21:31	28		21:23	28
ma	22-8			02:54		322	02:51		312	2:32		272	02:54		322	03:16		332	03:19		352	03:18		342
ma	22-8				09:21	30		09:04	30		8:37	-10		09:27	40		09:28	30		09:40	30		09:32	30
ma	22-8			15:04		359	15:01		349	14:42		309	15:04		359	15:26		369	15:29		389	15:28		379
ma	22-8				21:50	27		21:33	27		20:57	-13		21:56	37		21:57	27		22:09	27		22:01	27
di	23-8			03:35		323	03:32		313	3:13		273	03:35		323	03:57		333	04:00		353	03:59		343
di	23-8				09:59	20		09:42	20		9:18	-20		10:05	30		10:06	20		10:18	20		10:10	20
di	23-8			15:46		358	15:43		348	15:24		308	15:46		358	16:08		368	16:11		388	16:10		378
di	23-8				22:28	31		22:11	31		21:39	-9		22:34	41		22:35	31		22:47	31		22:39	31
wo	24-8			04:17		321	04:14		311	3:55		271	04:17		321	04:39		331	04:42		351	04:41		341
wo	24-8				10:39	30		10:22	30		10:02	-10		10:45	40		10:46	30		10:58	30		10:50	30
wo	24-8			16:32		349	16:29		339	16:10		299	16:32		349	16:54		359	16:57		379	16:56		369
wo	24-8				23:09	43		22:52	43		22:26	3		23:15	53		23:16	43		23:28	43		23:20	43
do	25-8	5:41	LK	05:04		313	05:01		303	4:42		263	05:04		313	05:26		323	05:29		343	05:28		333
do	25-8				11:23	40		11:06	40		10:51	0		11:29	50		11:30	40		11:42	40		11:34	40
do	25-8			17:23		331	17:20		321	17:01		281	17:23		331	17:45		341	17:48		361	17:47		351
do	25-8				23:54	60		23:37	60															
vr	26-8			05:58		300	05:55		290		23:18	20		0:00	70		00:01	60		00:13	60		00:05	60
vr	26-8				12:15	60		11:58	60	5:36		250	05:58		300	06:20		310	06:23		330	06:22		320
vr	26-8			18:25		309	18:22		299		11:49	23		12:21	73		12:22	63		12:34	63		12:26	63
vr	26-8					70			70	18:03		259	18:25		309	18:47		319	18:50		339	18:49		329
za	27-8				00:59	70		00:42	70		0:23	30		01:05	80		01:06	70		01:18	70		01:10	70
za	27-8			07:05		288	07:02		278	6:43		238	07:05		288	07:27		298	07:30		318	07:29		308
za	27-8				13:41	77		13:24	77		13:02	37		13:47	87		13:48	77		14:00	77		13:52	77
za	27-8			19:44		294	19:41		284	19:22		244	19:44		294	20:06		304	20:09		324	20:08		314

		Norddeich, Westerriede	Norderney, Riffgat	Neßmersiel	Baltrum, Westende	Langeoog	Neuharlingensiel	Spiekeroog
maandag	dag datum tijd fase	53°38'37"N 7°08'53"E HW lw cm	53°41'48.1"N, 7°9'28.1"E HW lw cm	53°41'20"N 7°21'39"E HW lw m	53°43'22"N 7°21'52"E HW lw cm	53°43'24"N 7°30'06"E HW lw cm	53°42'0.0"N, 7°42'0.0"E HW lw cm	53°44'57"N 7°40'55"E HW lw cm
zo	28-8	02:31 80	02:14 80	1:41 40	02:37 90	02:38 80	02:50 80	02:42 80
zo	28-8	08:23 288	08:20 278	8:01 238	08:23 288	08:45 298	08:48 318	08:47 308
zo	28-8	15:07 74	14:50 74	14:23 34	15:13 84	15:14 74	15:26 74	15:18 74
zo	28-8	21:07 295	21:04 285	20:45 245	21:07 295	21:29 305	21:32 325	21:31 315
ma	29-8	03:43 70	03:26 70	3:01 30	03:49 80	03:50 70	04:02 70	03:54 70
ma	29-8	09:40 303	09:37 293	9:18 253	09:40 303	10:02 313	10:05 333	10:04 323
ma	29-8	16:23 62	16:06 62	15:37 22	16:29 72	16:30 62	16:42 62	16:34 62
ma	29-8	22:19 310	22:16 300	21:57 260	22:19 310	22:41 320	22:44 340	22:43 330
di	30-8	04:56 60	04:39 60	4:08 20	05:02 70	05:03 60	05:15 60	05:07 60
di	30-8	10:42 325	10:39 315	10:20 275	10:42 325	11:04 335	11:07 355	11:06 345
di	30-8	17:36 46	17:19 46	16:38 6	17:42 56	17:43 46	17:55 46	17:47 46
di	30-8	23:18 327	23:15 317	22:56 277	23:18 327	23:40 337	23:43 357	23:42 347
wo	31-8	05:59 40	05:42 40	5:05 0	06:05 50	06:06 40	06:18 40	06:10 40
wo	31-8	11:36 344	11:33 334	11:14 294	11:36 344	11:58 354	12:01 374	12:00 364
wo	31-8	18:30 35	18:13 35	17:30 -5	18:36 45	18:37 35	18:49 35	18:41 35
wo	31-8			23:47 288				

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
do	1-9			00:09		338	00:06		328				0:09		338	00:31		348	00:34		368	00:33		358
do	1-9	11:03	NM		06:49	40		06:32	40		17:54	0		06:55	50		06:56	40		07:08	40		07:00	40
do	1-9			12:23		353	12:20		343	12:01		303	12:23		353	12:45		363	12:48		383	12:47		373
do	1-9				19:16	36		18:59	36		18:16	-4		19:22	46		19:23	36		19:35	36		19:27	36
vr	2-9			00:53		340	00:50		330	0:31		290	00:53		340	01:15		350	01:18		370	01:17		360
vr	2-9				07:33	40		07:16	40		6:37	0		07:39	50		07:40	40		07:52	40		07:44	40
vr	2-9			13:05		352	13:02		342	12:43		302	13:05		352	13:27		362	13:30		382	13:29		372
vr	2-9				19:56	47		19:39	47		18:56	7		20:02	57		20:03	47		20:15	47		20:07	47
za	3-9			01:32		335	01:29		325	1:10		285	01:32		335	01:54		345	01:57		365	01:56		355
za	3-9				08:10	50		07:53	50		7:14	10		08:16	60		08:17	50		08:29	50		08:21	50
za	3-9			13:40		347	13:37		337	13:18		297	13:40		347	14:02		357	14:05		377	14:04		367
za	3-9				20:30	58		20:13	58		19:29	18		20:36	68		20:37	58		20:49	58		20:41	58
zo	4-9			02:03		331	02:00		321	1:41		281	02:03		331	02:25		341	02:28		361	02:27		351
zo	4-9				08:40	60		08:23	60		7:45	20		08:46	70		08:47	60		08:59	60		08:51	60
zo	4-9			14:11		344	14:08		334	13:49		294	14:11		344	14:33		354	14:36		374	14:35		364
zo	4-9				20:58	64		20:41	64		19:59	24		21:04	74		21:05	64		21:17	64		21:09	64
ma	5-9			02:32		332	02:29		322	2:10		282	02:32		332	02:54		342	02:57		362	02:56		352
ma	5-9				09:04	70		08:47	70		8:14	30		09:10	80		09:11	70		09:23	70		09:15	70
ma	5-9			14:41		344	14:38		334	14:19		294	14:41		344	15:03		354	15:06		374	15:05		364
ma	5-9				21:23	65		21:06	65		20:30	25		21:29	75		21:30	65		21:42	65		21:34	65
di	6-9			03:04		336	03:01		326	2:42		286	03:04		336	03:26		346	03:29		366	03:28		356
di	6-9				09:30	70		09:13	70		8:47	30		09:36	80		09:37	70		09:49	70		09:41	70
di	6-9			15:14		344	15:11		334	14:52		294	15:14		344	15:36		354	15:39		374	15:38		364
di	6-9				21:51	67		21:34	67		21:05	27		21:57	77		21:58	67		22:10	67		22:02	67
wo	7-9			03:40		337	03:37		327	3:18		287	03:40		337	04:02		347	04:05		367	04:04		357
wo	7-9				10:02	70		09:45	70		9:23	30		10:08	80		10:09	70		10:21	70		10:13	70
wo	7-9			15:50		340	15:47		330	15:28		290	15:50		340	16:12		350	16:15		370	16:14		360
wo	7-9				22:23	77		22:06	77		21:42	37		22:29	87		22:30	77		22:42	77		22:34	77
do	8-9			04:18		332	04:15		322	3:56		282	04:18		332	04:40		342	04:43		362	04:42		352
do	8-9				10:37	80		10:20	80		10:01	40		10:43	90		10:44	80		10:56	80		10:48	80
do	8-9			16:28		329	16:25		319	16:06		279	16:28		329	16:50		339	16:53		359	16:52		349
do	8-9				22:56	96		22:39	96		22:20	56		23:02	106		23:03	96		23:15	96		23:07	96
vr	9-9			04:57		325	04:54		315	4:35		275	04:57		325	05:19		335	05:22		355	05:21		345
vr	9-9				11:15	100		10:58	100		10:40	60		11:21	110		11:22	100		11:34	100		11:26	100
vr	9-9	13:49	EK	17:08		317	17:05		307	16:46		267	17:08		317	17:30		327	17:33		347	17:32		337
vr	9-9				23:30	116		23:13	116		23:01	76		23:36	126		23:37	116		23:49	116		23:41	116

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
za	10-9			05:38		318	05:35		308	5:16		268	05:38		318	06:00		328	06:03		348	06:02		338
za	10-9				12:01	120		11:44	120		11:25	80		12:07	130		12:08	120		12:20	120		12:12	120
za	10-9			17:56		308	17:53		298	17:34		258	17:56		308	18:18		318	18:21		338	18:20		328
za	10-9					130			130			-50												
zo	11-9				00:19	130		00:02	130		23:50	90		00:25	140		00:26	130		00:38	130		00:30	130
zo	11-9			06:28		317	06:25		307	6:06		267	06:28		317	06:50		327	06:53		347	06:52		337
zo	11-9				12:59	134		12:42	134		12:18	94		13:05	144		13:06	134		13:18	134		13:10	134
zo	11-9			18:52		305	18:49		295	18:30		255	18:52		305	19:14		315	19:17		335	19:16		325
ma	12-9				01:22	130		01:05	130		0:48	90		01:28	140		01:29	130		01:41	130		01:33	130
ma	12-9			07:28		322	07:25		312	7:06		272	07:28		322	07:50		332	07:53		352	07:52		342
ma	12-9				14:06	131		13:49	131		13:21	91		14:12	141		14:13	131		14:25	131		14:17	131
ma	12-9			19:58		309	19:55		299	19:36		259	19:58		309	20:20		319	20:23		339	20:22		329
di	13-9				02:30	120		02:13	120		1:58	80		02:36	130		02:37	120		02:49	120		02:41	120
di	13-9			08:42		334	08:39		324	8:20		284	08:42		334	09:04		344	09:07		364	09:06		354
di	13-9				15:20	116		15:03	116		14:37	76		15:26	126		15:27	116		15:39	116		15:31	116
di	13-9			21:16		318	21:13		308	20:54		268	21:16		318	21:38		328	21:41		348	21:40		338
wo	14-9				03:44	100		03:27	100		3:17	60		03:50	110		03:51	100		04:03	100		03:55	100
wo	14-9			10:02		349	09:59		339	9:40		299	10:02		349	10:24		359	10:27		379	10:26		369
wo	14-9				16:45	91		16:28	91		15:57	51		16:51	101		16:52	91		17:04	91		16:56	91
wo	14-9			22:36		330	22:33		320	22:14		280	22:36		330	22:58		340	23:01		360	23:00		350
do	15-9				05:07	80		04:50	80		4:28	40		05:13	90		05:14	80		05:26	80		05:18	80
do	15-9			11:04		361	11:01		351	10:42		311	11:04		361	11:26		371	11:29		391	11:28		381
do	15-9				17:49	66		17:32	66		16:58	26		17:55	76		17:56	66		18:08	66		18:00	66
do	15-9			23:37		337	23:34		327	23:15		287	23:37		337	23:59		347						
vr	16-9				06:08	60		05:51	60		17:24	20		06:14	70		06:15	60	00:02		367	00:01		357
vr	16-9			11:56		365	11:53		355	11:34		315	11:56		365	12:18		375		06:27	60		06:19	60
vr	16-9				18:41	48		18:24	48		17:49	8		18:47	58		18:48	48	12:21		395	12:20		385
vr	16-9	21:05 VM																	19:00		48	18:52		48
za	17-9			00:26		336	00:23		326	0:04		286	0:26		336	00:48		346	00:51		366	00:50		356
za	17-9				06:57	50		06:40	50		18:11	10		07:03	60		07:04	50		07:16	50		07:08	50
za	17-9			12:41		363	12:38		353	12:19		313	12:41		363	13:03		373	13:06		393	13:05		383
za	17-9				19:27	38		19:10	38		18:33	-2		19:33	48		19:34	38		19:46	38		19:38	38
zo	18-9			01:10		333	01:07		323	0:48		283	01:10		333	01:32		343	01:35		363	01:34		353
zo	18-9				07:42	40		07:25	40		6:54	0		07:48	50		07:49	40		08:01	40		07:53	40
zo	18-9			13:23		362	13:20		352	13:01		312	13:23		362	13:45		372	13:48		392	13:47		382
zo	18-9				20:10	33		19:53	33		19:15	-7		20:16	43		20:17	33		20:29	33		20:21	33

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maandag				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
ma	19-9			01:51		332	01:48		322	1:29		282	01:51		332	02:13		342	02:16		362	02:15		352
ma	19-9				08:23	30		08:06	30		7:35	-10		08:29	40		08:30	30		08:42	30		08:34	30
ma	19-9			14:04		364	14:01		354	13:42		314	14:04		364	14:26		374	14:29		394	14:28		384
ma	19-9				20:51	30		20:34	30		19:56	-10		20:57	40		20:58	30		21:10	30		21:02	30
di	20-9			02:32		334	02:29		324	2:10		284	02:32		334	02:54		344	02:57		364	02:56		354
di	20-9				09:03	30		08:46	30		8:17	-10		09:09	40		09:10	30		09:22	30		09:14	30
di	20-9			14:46		365	14:43		355	14:24		315	14:46		365	15:08		375	15:11		395	15:10		385
di	20-9				21:29	31		21:12	31		20:37	-9		21:35	41		21:36	31		21:48	31		21:40	31
wo	21-9			03:13		336	03:10		326	2:51		286	03:13		336	03:35		346	03:38		366	03:37		356
wo	21-9				09:41	20		09:24	20		8:59	-20		09:47	30		09:48	20		10:00	20		09:52	20
wo	21-9			15:30		360	15:27		350	15:08		310	15:30		360	15:52		370	15:55		390	15:54		380
wo	21-9				22:08	38		21:51	38		21:21	-2		22:14	48		22:15	38		22:27	38		22:19	38
do	22-9			03:57		332	03:54		322	3:35		282	03:57		332	04:19		342	04:22		362	04:21		352
do	22-9				10:21	30		10:04	30		9:45	-10		10:27	40		10:28	30		10:40	30		10:32	30
do	22-9			16:18		344	16:15		334	15:56		294	16:18		344	16:40		354	16:43		374	16:42		364
do	22-9				22:46	53		22:29	53		22:09	13		22:52	63		22:53	53		23:05	53		22:57	53
vr	23-9			04:44		321	04:41		311	4:22		271	04:44		321	05:06		331	05:09		351	05:08		341
vr	23-9	11:56	LK		11:04	50		10:47	50		10:35	10		11:10	60		11:11	50		11:23	50		11:15	50
vr	23-9			17:10		321	17:07		311	16:48		271	17:10		321	17:32		331	17:35		351	17:34		341
vr	23-9				23:29	74		23:12	74		23:01	34		23:35	84		23:36	74		23:48	74		23:40	74
za	24-9			05:37		306	05:34		296	5:15		256	05:37		306	05:59		316	06:02		336	06:01		326
za	24-9				11:59	70		11:42	70		11:33	30		12:05	80		12:06	70		12:18	70		12:10	70
za	24-9			18:14		299	18:11		289	17:52		249	18:14		299	18:36		309	18:39		329	18:38		319
za	24-9																							
zo	25-9				00:40	90		00:23	90		0:06	50		00:46	100		00:47	90		00:59	90		00:51	90
zo	25-9			06:43		295	06:40		285	6:21		245	06:43		295	07:05		305	07:08		325	07:07		315
zo	25-9				13:34	85		13:17	85		12:44	45		13:40	95		13:41	85		13:53	85		13:45	85
zo	25-9			19:29		289	19:26		279	19:07		239	19:29		289	19:51		299	19:54		319	19:53		309
ma	26-9				02:12	90		01:55	90		1:22	50		02:18	100		02:19	90		02:31	90		02:23	90
ma	26-9			08:00		297	07:57		287	7:38		247	08:00		297	08:22		307	08:25		327	08:24		317
ma	26-9				14:50	82		14:33	82		14:02	42		14:56	92		14:57	82		15:09	82		15:01	82
ma	26-9			20:49		296	20:46		286	20:27		246	20:49		296	21:11		306	21:14		326	21:13		316
di	27-9				03:22	90		03:05	90		2:41	50		03:28	100		03:29	90		03:41	90		03:33	90
di	27-9			09:17		315	09:14		305	8:55		265	09:17		315	09:39		325	09:42		345	09:41		335
di	27-9				16:04	70		15:47	70		15:17	30		16:10	80		16:11	70		16:23	70		16:15	70
di	27-9			22:01		316	21:58		306	21:39		266	22:01		316	22:23		326	22:26		346	22:25		336

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
wo	28-9				04:36	70		04:19	70		3:49	30		04:42	80		04:43	70		04:55	70		04:47	70
wo	28-9			10:21		339	10:18		329	9:59		289	10:21		339	10:43		349	10:46		369	10:45		359
wo	28-9				17:16	55		16:59	55		16:18	15		17:22	65		17:23	55		17:35	55		17:27	55
wo	28-9			23:00		336	22:57		326	22:38		286	23:00		336	23:22		346	23:25		366	23:24		356
do	29-9				05:39	60		05:22	60		4:46	20		05:45	70		05:46	60		05:58	60		05:50	60
do	29-9			11:16		355	11:13		345	10:54		305	11:16		355	11:38		365	11:41		385	11:40		375
do	29-9				18:09	46		17:52	46		17:11	6		18:15	56		18:16	46		18:28	46		18:20	46
do	29-9			23:50		345	23:47		335	23:28		295	23:50		345									
vr	30-9				06:29	50		06:12	50		5:34	10		06:35	60	00:12		355	00:15		375	00:14		365
vr	30-9			12:03		359	12:00		349	11:41		309	12:03		359		06:36	50		06:48	50		06:40	50
vr	30-9				18:53	49		18:36	49		17:56	9		18:59	59	12:25		369	12:28		389	12:27		379
vr	30-9																19:00	49		19:12	49		19:04	49

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
za	1-10	2:11	NM	00:33		343	00:30		333	0:11		293	00:33		343	00:55		353	00:58		373	00:57		363
za	1-10				07:11	50		06:54	50		6:16	10		07:17	60		07:18	50		07:30	50		07:22	50
za	1-10			12:43		351	12:40		341	12:21		301	12:43		351	13:05		361	13:08		381	13:07		371
za	1-10				19:31	59		19:14	59		18:33	19		19:37	69		19:38	59		19:50	59		19:42	59
zo	2-10			01:07		336	01:04		326	0:45		286	01:07		336	01:29		346	01:32		366	01:31		356
zo	2-10				07:45	60		07:28	60		6:49	20		07:51	70		07:52	60		08:04	60		07:56	60
zo	2-10			13:15		343	13:12		333	12:53		293	13:15		343	13:37		353	13:40		373	13:39		363
zo	2-10				20:01	67		19:44	67		19:02	27		20:07	77		20:08	67		20:20	67		20:12	67
ma	3-10			01:33		334	01:30		324	1:11		284	01:33		334	01:55		344	01:58		364	01:57		354
ma	3-10				08:13	70		07:56	70		7:15	30		08:19	80		08:20	70		08:32	70		08:24	70
ma	3-10			13:42		341	13:39		331	13:20		291	13:42		341	14:04		351	14:07		371	14:06		361
ma	3-10				20:26	68		20:09	68		19:29	28		20:32	78		20:33	68		20:45	68		20:37	68
di	4-10			02:01		340	01:58		330	1:39		290	02:01		340	02:23		350	02:26		370	02:25		360
di	4-10				08:37	70		08:20	70		7:45	30		08:43	80		08:44	70		08:56	70		08:48	70
di	4-10			14:13		344	14:10		334	13:51		294	14:13		344	14:35		354	14:38		374	14:37		364
di	4-10				20:53	66		20:36	66		20:01	26		20:59	76		21:00	66		21:12	66		21:04	66
wo	5-10			02:34		348	02:31		338	2:12		298	02:34		348	02:56		358	02:59		378	02:58		368
wo	5-10				09:05	70		08:48	70		8:19	30		09:11	80		09:12	70		09:24	70		09:16	70
wo	5-10			14:48		346	14:45		336	14:26		296	14:48		346	15:10		356	15:13		376	15:12		366
wo	5-10				21:23	72		21:06	72		20:37	32		21:29	82		21:30	72		21:42	72		21:34	72
do	6-10			03:11		350	03:08		340	2:49		300	03:11		350	03:33		360	03:36		380	03:35		370
do	6-10				09:38	70		09:21	70		8:55	30		09:44	80		09:45	70		09:57	70		09:49	70
do	6-10			15:24		340	15:21		330	15:02		290	15:24		340	15:46		350	15:49		370	15:48		360
do	6-10				21:53	89		21:36	89		21:13	49		21:59	99		22:00	89		22:12	89		22:04	89
vr	7-10			03:47		344	03:44		334	3:25		294	03:47		344	04:09		354	04:12		374	04:11		364
vr	7-10				10:12	90		09:55	90		9:31	50		10:18	100		10:19	90		10:31	90		10:23	90
vr	7-10			15:59		329	15:56		319	15:37		279	15:59		329	16:21		339	16:24		359	16:23		349
vr	7-10				22:20	111		22:03	111		21:47	71		22:26	121		22:27	111		22:39	111		22:31	111
za	8-10			04:20		337	04:17		327	3:58		287	04:20		337	04:42		347	04:45		367	04:44		357
za	8-10				10:45	110		10:28	110		10:06	70		10:51	120		10:52	110		11:04	110		10:56	110
za	8-10			16:36		319	16:33		309	16:14		269	16:36		319	16:58		329	17:01		349	17:00		339
za	8-10				22:43	129		22:26	129		22:24	89		22:49	139		22:50	129		23:02	129		22:54	129
zo	9-10	6:33	EK	04:56		332	04:53		322	4:34		282	04:56		332	05:18		342	05:21		362	05:20		352
zo	9-10				11:25	130		11:08	130		10:46	90		11:31	140		11:32	130		11:44	130		11:36	130
zo	9-10			17:21		312	17:18		302	16:59		262	17:21		312	17:43		322	17:46		342	17:45		332
zo	9-10				23:28	139		23:11	139		23:10	99		23:34	149		23:35	139		23:47	139		23:39	139

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
ma	10-10			05:44		333	05:41		323	5:22		283	05:44		333	06:06		343	06:09		363	06:08		353
ma	10-10				12:22	130		12:05	130		11:38	90		12:28	140		12:29	130		12:41	130		12:33	130
ma	10-10			18:16		311	18:13		301	17:54		261	18:16		311	18:38		321	18:41		341	18:40		331
ma	10-10																							
di	11-10				00:41	130		00:24	130		0:07	90		00:47	140		00:48	130		01:00	130		00:52	130
di	11-10			06:42		337	06:39		327	6:20		287	06:42		337	07:04		347	07:07		367	07:06		357
di	11-10				13:29	127		13:12	127		12:39	87		13:35	137		13:36	127		13:48	127		13:40	127
di	11-10			19:20		315	19:17		305	18:58		265	19:20		315	19:42		325	19:45		345	19:44		335
wo	12-10				01:51	120		01:34	120		1:13	80		01:57	130		01:58	120		02:10	120		02:02	120
wo	12-10			07:50		344	07:47		334	7:28		294	07:50		344	08:12		354	08:15		374	08:14		364
wo	12-10				14:41	109		14:24	109		13:51	69		14:47	119		14:48	109		15:00	109		14:52	109
wo	12-10			20:37		323	20:34		313	20:15		273	20:37		323	20:59		333	21:02		353	21:01		343
do	13-10				03:04	100		02:47	100		2:34	60		03:10	110		03:11	100		03:23	100		03:15	100
do	13-10			09:16		353	09:13		343	8:54		303	09:16		353	09:38		363	09:41		383	09:40		373
do	13-10				16:03	85		15:46	85		15:17	45		16:09	95		16:10	85		16:22	85		16:14	85
do	13-10			22:03		334	22:00		324	21:41		284	22:03		334	22:25		344	22:28		364	22:27		354
vr	14-10				04:27	80		04:10	80		3:54	40		04:33	90		04:34	80		04:46	80		04:38	80
vr	14-10			10:30		362	10:27		352	10:08		312	10:30		362	10:52		372	10:55		392	10:54		382
vr	14-10				17:14	62		16:57	62		16:26	22		17:20	72		17:21	62		17:33	62		17:25	62
vr	14-10			23:07		341	23:04		331	22:45		291	23:07		341	23:29		351	23:32		371	23:31		361
za	15-10				05:36	70		05:19	70		4:54	30		05:42	80		05:43	70		05:55	70		05:47	70
za	15-10			11:26		365	11:23		355	11:04		315	11:26		365	11:48		375	11:51		395	11:50		385
za	15-10				18:11	48		17:54	48		17:20	8		18:17	58		18:18	48		18:30	48		18:22	48
za	15-10			23:59		342	23:56		332	23:37		292	23:59		342									
zo	16-10	6:23 VM			06:30	50		06:13	50		5:44	10		06:36	60	00:21		352	00:24		372	00:23		362
zo	16-10			12:14		364	12:11		354	11:52		314	12:14		364		06:37	50		06:49	50		06:41	50
zo	16-10				19:00	40		18:43	40		18:07	0		19:06	50	12:36		374	12:39		394	12:38		384
zo	16-10																19:07	40		19:19	40		19:11	40
ma	17-10			00:44		340	00:41		330	0:22		290	00:44		340	01:06		350	01:09		370	01:08		360
ma	17-10				07:17	40		07:00	40		6:29	0		07:23	50		07:24	40		07:36	40		07:28	40
ma	17-10			12:59		363	12:56		353	12:37		313	12:59		363	13:21		373	13:24		393	13:23		383
ma	17-10				19:45	37		19:28	37		18:50	-3		19:51	47		19:52	37		20:04	37		19:56	37
di	18-10			01:26		340	01:23		330	1:04		290	01:26		340	01:48		350	01:51		370	01:50		360
di	18-10				08:01	30		07:44	30		7:12	-10		08:07	40		08:08	30		08:20	30		08:12	30
di	18-10			13:42		364	13:39		354	13:20		314	13:42		364	14:04		374	14:07		394	14:06		384
di	18-10				20:27	34		20:10	34		19:33	-6		20:33	44		20:34	34		20:46	34		20:38	34

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
wo	19-10			02:08		344	02:05		334	1:46		294	02:08		344	02:30		354	02:33		374	02:32		364
wo	19-10				08:44	20		08:27	20		7:56	-20		08:50	30		08:51	20		09:03	20		08:55	20
wo	19-10			14:28		362	14:25		352	14:06		312	14:28		362	14:50		372	14:53		392	14:52		382
wo	19-10				21:08	36		20:51	36		20:17	-4		21:14	46		21:15	36		21:27	36		21:19	36
do	20-10			02:51		345	02:48		335	2:29		295	02:51		345	03:13		355	03:16		375	03:15		365
do	20-10				09:25	20		09:08	20		8:40	-20		09:31	30		09:32	20		09:44	20		09:36	20
do	20-10			15:14		353	15:11		343	14:52		303	15:14		353	15:36		363	15:39		383	15:38		373
do	20-10				21:47	45		21:30	45		21:03	5		21:53	55		21:54	45		22:06	45		21:58	45
vr	21-10			03:36		341	03:33		331	3:14		291	03:36		341	03:58		351	04:01		371	04:00		361
vr	21-10				10:07	30		09:50	30		9:28	-10		10:13	40		10:14	30		10:26	30		10:18	30
vr	21-10			16:04		335	16:01		325	15:42		285	16:04		335	16:26		345	16:29		365	16:28		355
vr	21-10				22:26	62		22:09	62		21:52	22		22:32	72		22:33	62		22:45	62		22:37	62
za	22-10			04:24		329	04:21		319	4:02		279	04:24		329	04:46		339	04:49		359	04:48		349
za	22-10				10:52	50		10:35	50		10:18	10		10:58	60		10:59	50		11:11	50		11:03	50
za	22-10			16:57		312	16:54		302	16:35		262	16:57		312	17:19		322	17:22		342	17:21		332
za	22-10	21:14 LK			23:07	84		22:50	84		22:44	44		23:13	94		23:14	84		23:26	84		23:18	84
zo	23-10			05:15		315	05:12		305	4:53		265	05:15		315	05:37		325	05:40		345	05:39		335
zo	23-10				11:54	70		11:37	70		11:14	30		12:00	80		12:01	70		12:13	70		12:05	70
zo	23-10			17:57		295	17:54		285	17:35		245	17:57		295	18:19		305	18:22		325	18:21		315
zo	23-10																							
ma	24-10				00:20	100		00:03	100		23:45	60		00:26	110		00:27	100		00:39	100		00:31	100
ma	24-10			06:17		306	06:14		296	5:55		256	06:17		306	06:39		316	06:42		336	06:41		326
ma	24-10				13:14	88		12:57	88		12:19	48		13:20	98		13:21	88		13:33	88		13:25	88
ma	24-10			19:05		290	19:02		280	18:43		240	19:05		290	19:27		300	19:30		320	19:29		310
di	25-10				01:43	100		01:26	100		0:55	60		01:49	110		01:50	100		02:02	100		01:54	100
di	25-10			07:29		309	07:26		299	7:07		259	07:29		309	07:51		319	07:54		339	07:53		329
di	25-10				14:21	86		14:04	86		13:31	46		14:27	96		14:28	86		14:40	86		14:32	86
di	25-10			20:18		299	20:15		289	19:56		249	20:18		299	20:40		309	20:43		329	20:42		319
wo	26-10				02:50	100		02:33	100		2:08	60		02:56	110		02:57	100		03:09	100		03:01	100
wo	26-10			08:43		324	08:40		314	8:21		274	08:43		324	09:05		334	09:08		354	09:07		344
wo	26-10				15:28	78		15:11	78		14:45	38		15:34	88		15:35	78		15:47	78		15:39	78
wo	26-10			21:31		317	21:28		307	21:09		267	21:31		317	21:53		327	21:56		347	21:55		337
do	27-10				04:00	80		03:43	80		3:19	40		04:06	90		04:07	80		04:19	80		04:11	80
do	27-10			09:51		342	09:48		332	9:29		292	09:51		342	10:13		352	10:16		372	10:15		362
do	27-10				16:42	66		16:25	66		15:50	26		16:48	76		16:49	66		17:01	66		16:53	66
do	27-10			22:33		335	22:30		325	22:11		285	22:33		335	22:55		345	22:58		365	22:57		355

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
vr	28-10				05:09	70		04:52	70		4:19	30		05:15	80		05:16	70		05:28	70		05:20	70
vr	28-10			10:49		352	10:46		342	10:27		302	10:49		352	11:11		362	11:14		382	11:13		372
vr	28-10				17:39	57		17:22	57		4:44	17		17:45	67		17:46	57		17:58	57		17:50	57
vr	28-10			23:24		343	23:21		333	23:02		293	23:24		343	23:46		353	23:49		373	23:48		363
za	29-10				06:02	60		05:45	60		17:08	20		06:08	70		06:09	60		06:21	60		06:13	60
za	29-10			11:37		350	11:34		340	11:15		300	11:37		350	11:59		360	12:02		380	12:01		370
za	29-10				18:24	57		18:07	57		17:29	17		18:30	67		18:31	57		18:43	57		18:35	57
za	29-10									23:44		290												
zo	30-10			00:06		340	00:03		330				0:06		340	00:28		350	00:31		370	00:30		360
zo	30-10				05:44	65		05:27	65		17:19	25		05:50	75		05:51	65		06:03	65		05:55	65
zo	30-10	18:38	NM	11:17		340	11:14		330	10:55		290	11:17		340	11:39		350	11:42		370	11:41		360
zo	30-10																		18:19		64	18:11		64
ma	31-10				06:18	70		06:01	70		23:10	30		06:24	80		06:25	70	00:02		364	00:01		354
ma	31-10			11:47		331	11:44		321	11:25		281	11:47		331	12:09		341		06:37	70		06:29	70
ma	31-10				18:29	68		18:12	68		5:32	28		18:35	78		18:36	68	12:12		361	12:11		351
ma	31-10					336	23:59		326			-50							18:48		68	18:40		68

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maandag				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
di	1-11			00:02		336		06:28	71	23:40		286	0:02		336	00:24		346	00:27		366	00:26		356
di	1-11				06:45	71	12:12		323		17:46	31		06:51	81		06:52	71		07:04	71		06:56	71
di	1-11			12:15		333		18:38	67	11:53		283	12:15		333	12:37		343	12:40		363	12:39		353
di	1-11				18:55	67			337		18:01	27		19:01	77		19:02	67		19:14	67		19:06	67
wo	2-11			00:32		347	00:29		337	0:10		297	00:32		347	00:54		357	00:57		377	00:56		367
wo	2-11				07:12	68		06:55	68		6:18	28		07:18	78		07:19	68		07:31	68		07:23	68
wo	2-11			12:48		339	12:45		329	12:26		289	12:48		339	13:10		349	13:13		369	13:12		359
wo	2-11				19:25	68		19:08	68		18:36	28		19:31	78		19:32	68		19:44	68		19:36	68
do	3-11			01:08		356	01:05		346	0:46		306	01:08		356	01:30		366	01:33		386	01:32		376
do	3-11				07:44	70		07:27	70		6:55	30		07:50	80		07:51	70		08:03	70		07:55	70
do	3-11			13:26		342	13:23		332	13:04		292	13:26		342	13:48		352	13:51		372	13:50		362
do	3-11				19:58	77		19:41	77		19:14	37		20:04	87		20:05	77		20:17	77		20:09	77
vr	4-11			01:46		358	01:43		348	1:24		308	01:46		358	02:08		368	02:11		388	02:10		378
vr	4-11				08:18	81		08:01	81		7:32	41		08:24	91		08:25	81		08:37	81		08:29	81
vr	4-11			14:03		337	14:00		327	13:41		287	14:03		337	14:25		347	14:28		367	14:27		357
vr	4-11				20:29	96		20:12	96		19:50	56		20:35	106		20:36	96		20:48	96		20:40	96
za	5-11			02:21		352	02:18		342	1:59		302	02:21		352	02:43		362	02:46		382	02:45		372
za	5-11				08:52	99		08:35	99		8:07	59		08:58	109		08:59	99		09:11	99		09:03	99
za	5-11			14:38		326	14:35		316	14:16		276	14:38		326	15:00		336	15:03		356	15:02		346
za	5-11				20:56	116		20:39	116		20:22	76		21:02	126		21:03	116		21:15	116		21:07	116
zo	6-11			02:51		345	02:48		335	2:29		295	02:51		345	03:13		355	03:16		375	03:15		365
zo	6-11				09:26	114		09:09	114		8:40	74		09:32	124		09:33	114		09:45	114		09:37	114
zo	6-11			15:14		315	15:11		305	14:52		265	15:14		315	15:36		325	15:39		345	15:38		335
zo	6-11				21:20	128		21:03	128		20:58	88		21:26	138		21:27	128		21:39	128		21:31	128
ma	7-11			03:26		342	03:23		332	3:04		292	03:26		342	03:48		352	03:51		372	03:50		362
ma	7-11				10:04	120		09:47	120		9:19	80		10:10	130		10:11	120		10:23	120		10:15	120
ma	7-11			15:57		311	15:54		301	15:35		261	15:57		311	16:19		321	16:22		341	16:21		331
ma	7-11	20:51 EK			22:05	130		21:48	130		21:43	90		22:11	140		22:12	130		22:24	130		22:16	130
di	8-11			04:13		343	04:10		333	3:51		293	04:13		343	04:35		353	04:38		373	04:37		363
di	8-11				10:57	117		10:40	117		10:09	77		11:03	127		11:04	117		11:16	117		11:08	117
di	8-11			16:50		311	16:47		301	16:28		261	16:50		311	17:12		321	17:15		341	17:14		331
di	8-11				23:13	126		22:56	126		22:38	86		23:19	136		23:20	126		23:32	126		23:24	126
wo	9-11			05:10		345	05:07		335	4:48		295	05:10		345	05:32		355	05:35		375	05:34		365
wo	9-11				11:59	106		11:42	106		11:08	66		12:05	116		12:06	106		12:18	106		12:10	106
wo	9-11			17:51		315	17:48		305	17:29		265	17:51		315	18:13		325	18:16		345	18:15		335
wo	9-11																							

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
do	10-11				00:21	115		00:04	115		23:40	75		00:27	125		00:28	115		00:40	115		00:32	115
do	10-11			06:14		347	06:11		337	5:52		297	06:14		347	06:36		357	06:39		377	06:38		367
do	10-11				13:07	91		12:50	91		12:16	51		13:13	101		13:14	91		13:26	91		13:18	91
do	10-11			19:03		321	19:00		311	18:41		271	19:03		321	19:25		331	19:28		351	19:27		341
vr	11-11				01:30	102		01:13	102		0:53	62		01:36	112		01:37	102		01:49	102		01:41	102
vr	11-11			07:28		349	07:25		339	7:06		299	07:28		349	07:50		359	07:53		379	07:52		369
vr	11-11				14:23	75		14:06	75		13:35	35		14:29	85		14:30	75		14:42	75		14:34	75
vr	11-11			20:27		328	20:24		318	20:05		278	20:27		328	20:49		338	20:52		358	20:51		348
za	12-11				02:49	87		02:32	87		2:17	47		02:55	97		02:56	87		03:08	87		03:00	87
za	12-11			08:51		352	08:48		342	8:29		302	08:51		352	09:13		362	09:16		382	09:15		372
za	12-11				15:37	60		15:20	60		14:51	20		15:43	70		15:44	60		15:56	60		15:48	60
za	12-11			21:36		335	21:33		325	21:14		285	21:36		335	21:58		345	22:01		365	22:00		355
zo	13-11				04:03	72		03:46	72		3:23	32		04:09	82		04:10	72		04:22	72		04:14	72
zo	13-11			09:55		355	09:52		345	9:33		305	09:55		355	10:17		365	10:20		385	10:19		375
zo	13-11				16:38	50		16:21	50		15:51	10		16:44	60		16:45	50		16:57	50		16:49	50
zo	13-11			22:31		338	22:28		328	22:09		288	22:31		338	22:53		348	22:56		368	22:55		358
ma	14-11				05:02	59		04:45	59		4:17	19		05:08	69		05:09	59		05:21	59		05:13	59
ma	14-11			10:48		354	10:45		344	10:26		304	10:48		354	11:10		364	11:13		384	11:12		374
ma	14-11	14:52 VM			17:31	44		17:14	44		16:41	4		17:37	54		17:38	44		17:50	44		17:42	44
ma	14-11			23:18		339	23:15		329	22:56		289	23:18		339	23:40		349	23:43		369	23:42		359
di	15-11				05:54	47		05:37	47		5:05	7		06:00	57		06:01	47		06:13	47		06:05	47
di	15-11			11:37		354	11:34		344	11:15		304	11:37		354	11:59		364	12:02		384	12:01		374
di	15-11				18:20	39		18:03	39		17:28	-1		18:26	49		18:27	39		18:39	39		18:31	39
di	15-11									23:41		292												
wo	16-11			00:03		342	00:00		332				0:03		342	00:25		352	00:28		372	00:27		362
wo	16-11				06:42	34		06:25	34		17:52	-6		06:48	44		06:49	34		07:01	34		06:53	34
wo	16-11			12:25		353	12:22		343	12:03		303	12:25		353	12:47		363	12:50		383	12:49		373
wo	16-11				19:06	36		18:49	36		18:14	-4		19:12	46		19:13	36		19:25	36		19:17	36
do	17-11			00:47		346	00:44		336	0:25		296	00:47		346	01:09		356	01:12		376	01:11		366
do	17-11				07:29	25		07:12	25		6:38	-15		07:35	35		07:36	25		07:48	25		07:40	25
do	17-11			13:13		349	13:10		339	12:51		299	13:13		349	13:35		359	13:38		379	13:37		369
do	17-11				19:50	38		19:33	38		19:00	-2		19:56	48		19:57	38		20:09	38		20:01	38
vr	18-11			01:32		347	01:29		337	1:10		297	01:32		347	01:54		357	01:57		377	01:56		367
vr	18-11				08:15	25		07:58	25		7:24	-15		08:21	35		08:22	25		08:34	25		08:26	25
vr	18-11			14:01		339	13:58		329	13:39		289	14:01		339	14:23		349	14:26		369	14:25		359
vr	18-11				20:33	48		20:16	48		19:47	8		20:39	58		20:40	48		20:52	48		20:44	48

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
za	19-11			02:18		343	02:15		333	1:56		293	02:18		343	02:40		353	02:43		373	02:42		363
za	19-11				09:01	36		08:44	36		8:12	-4		09:07	46		09:08	36		09:20	36		09:12	36
za	19-11			14:51		324	14:48		314	14:29		274	14:51		324	15:13		334	15:16		354	15:15		344
za	19-11				21:15	66		20:58	66		20:36	26		21:21	76		21:22	66		21:34	66		21:26	66
zo	20-11			03:05		333	03:02		323	2:43		283	03:05		333	03:27		343	03:30		363	03:29		353
zo	20-11				09:49	55		09:32	55		9:01	15		09:55	65		09:56	55		10:08	55		10:00	55
zo	20-11			15:41		307	15:38		297	15:19		257	15:41		307	16:03		317	16:06		337	16:05		327
zo	20-11				21:57	86		21:40	86		21:25	46		22:03	96		22:04	86		22:16	86		22:08	86
ma	21-11			03:53		322	03:50		312	3:31		272	03:53		322	04:15		332	04:18		352	04:17		342
ma	21-11				10:43	74		10:26	74		9:52	34		10:49	84		10:50	74		11:02	74		10:54	74
ma	21-11	9:33	LK	16:35		295	16:32		285	16:13		245	16:35		295	16:57		305	17:00		325	16:59		315
ma	21-11				22:54	103		22:37	103		22:19	63		23:00	113		23:01	103		23:13	103		23:05	103
di	22-11			04:48		316	04:45		306	4:26		266	04:48		316	05:10		326	05:13		346	05:12		336
di	22-11				11:43	86		11:26	86		10:48	46		11:49	96		11:50	86		12:02	86		11:54	86
di	22-11			17:32		293	17:29		283	17:10		243	17:32		293	17:54		303	17:57		323	17:56		313
di	22-11					110		23:48	110															
wo	23-11				00:05	110	05:48		307		23:19	70		00:11	120		00:12	110		00:24	110		00:16	110
wo	23-11			05:51		317		12:26	87	5:29		267	05:51		317	06:13		327	06:16		347	06:15		337
wo	23-11				12:43	87	18:31		289		11:50	47		12:49	97		12:50	87		13:02	87		12:54	87
wo	23-11			18:34		299			105	18:12		249	18:34		299	18:56		309	18:59		329	18:58		319
do	24-11				01:09	105		00:52	105		0:24	65		01:15	115		01:16	105		01:28	105		01:20	105
do	24-11			06:58		323	06:55		313	6:36		273	06:58		323	07:20		333	07:23		353	07:22		343
do	24-11				13:42	80		13:25	80		12:58	40		13:48	90		13:49	80		14:01	80		13:53	80
do	24-11			19:43		310	19:40		300	19:21		260	19:43		310	20:05		320	20:08		340	20:07		330
vr	25-11				02:13	94		01:56	94		1:33	54		02:19	104		02:20	94		02:32	94		02:24	94
vr	25-11			08:07		330	08:04		320	7:45		280	08:07		330	08:29		340	08:32		360	08:31		350
vr	25-11				14:46	72		14:29	72		14:07	32		14:52	82		14:53	72		15:05	72		14:57	72
vr	25-11			20:52		322	20:49		312	20:30		272	20:52		322	21:14		332	21:17		352	21:16		342
za	26-11				03:24	82		03:07	82		2:39	42		03:30	92		03:31	82		03:43	82		03:35	82
za	26-11			09:11		333	09:08		323	8:49		283	09:11		333	09:33		343	09:36		363	09:35		353
za	26-11				15:54	66		15:37	66		15:07	26		16:00	76		16:01	66		16:13	66		16:05	66
za	26-11			21:48		328	21:45		318	21:26		278	21:48		328	22:10		338	22:13		358	22:12		348
zo	27-11				04:27	72		04:10	72		3:34	32		04:33	82		04:34	72		04:46	72		04:38	72
zo	27-11			10:05		328	10:02		318	9:43		278	10:05		328	10:27		338	10:30		358	10:29		348
zo	27-11				16:46	64		16:29	64		15:56	24		16:52	74		16:53	64		17:05	64		16:57	64
zo	27-11			22:31		328	22:28		318	22:09		278	22:31		328	22:53		338	22:56		358	22:55		348

[illegible]

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
do	1-12			00:07		348	00:04		338				0:07		348	00:29		358	00:32		378	00:31		368
do	1-12				06:50	65		06:33	65		17:55	25		06:56	75		06:57	65		07:09	65		07:01	65
do	1-12			12:28		331	12:25		321	12:06		281	12:28		331	12:50		341	12:53		361	12:52		351
do	1-12				19:02	68		18:45	68		18:15	28		19:08	78		19:09	68		19:21	68		19:13	68
vr	2-12			00:46		358	00:43		348	0:24		308	00:46		358	01:08		368	01:11		388	01:10		378
vr	2-12				07:26	67		07:09	67		6:35	27		07:32	77		07:33	67		07:45	67		07:37	67
vr	2-12			13:08		335	13:05		325	12:46		285	13:08		335	13:30		345	13:33		365	13:32		355
vr	2-12				19:37	75		19:20	75		18:54	35		19:43	85		19:44	75		19:56	75		19:48	75
za	3-12			01:24		359	01:21		349	1:02		309	01:24		359	01:46		369	01:49		389	01:48		379
za	3-12				08:02	75		07:45	75		7:13	35		08:08	85		08:09	75		08:21	75		08:13	75
za	3-12			13:47		330	13:44		320	13:25		280	13:47		330	14:09		340	14:12		360	14:11		350
za	3-12				20:11	89		19:54	89		19:31	49		20:17	99		20:18	89		20:30	89		20:22	89
zo	4-12			01:59		353	01:56		343	1:37		303	01:59		353	02:21		363	02:24		383	02:23		373
zo	4-12				08:38	86		08:21	86		7:48	46		08:44	96		08:45	86		08:57	86		08:49	86
zo	4-12			14:21		319	14:18		309	13:59		269	14:21		319	14:43		329	14:46		349	14:45		339
zo	4-12				20:41	101		20:24	101		20:03	61		20:47	111		20:48	101		21:00	101		20:52	101
ma	5-12			02:29		346	02:26		336	2:07		296	02:29		346	02:51		356	02:54		376	02:53		366
ma	5-12				09:12	93		08:55	93		8:20	53		09:18	103		09:19	93		09:31	93		09:23	93
ma	5-12			14:56		310	14:53		300	14:34		260	14:56		310	15:18		320	15:21		340	15:20		330
ma	5-12				21:13	106		20:56	106		20:38	66		21:19	116		21:20	106		21:32	106		21:24	106
di	6-12			03:05		344	03:02		334	2:43		294	03:05		344	03:27		354	03:30		374	03:29		364
di	6-12				09:50	93		09:33	93		8:59	53		09:56	103		09:57	93		10:09	93		10:01	93
di	6-12			15:38		307	15:35		297	15:16		257	15:38		307	16:00		317	16:03		337	16:02		327
di	6-12				21:55	104		21:38	104		21:22	64		22:01	114		22:02	104		22:14	104		22:06	104
wo	7-12			03:50		344	03:47		334	3:28		294	03:50		344	04:12		354	04:15		374	04:14		364
wo	7-12	10:03 EK			10:36	86		10:19	86		9:46	46		10:42	96		10:43	86		10:55	86		10:47	86
wo	7-12			16:27		308	16:24		298	16:05		258	16:27		308	16:49		318	16:52		338	16:51		328
wo	7-12				22:51	98		22:34	98		22:13	58		22:57	108		22:58	98		23:10	98		23:02	98
do	8-12			04:43		345	04:40		335	4:21		295	04:43		345	05:05		355	05:08		375	05:07		365
do	8-12				11:31	79		11:14	79		10:41	39		11:37	89		11:38	79		11:50	79		11:42	79
do	8-12			17:24		309	17:21		299	17:02		259	17:24		309	17:46		319	17:49		339	17:48		329
do	8-12				23:51	93		23:34	93		23:11	53		23:57	103		23:58	93						
vr	9-12			05:42		342	05:39		332	5:20		292	05:42		342	06:04		352		00:10	93		00:02	93
vr	9-12				12:33	73		12:16	73		11:43	33		12:39	83		12:40	73		06:07	372		06:06	362
vr	9-12			18:29		310	18:26		300	18:07		260	18:29		310	18:51		320		12:52	73		12:44	73
vr	9-12																		18:54		340	18:53		330

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan dag datum tijd fase				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
				HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
za	10-12				00:56	89		00:39	89		0:16	49		01:02	99		01:03	89		01:15	89		01:07	89
za	10-12			06:48		337	06:45		327	6:26		287	06:48		337	07:10		347	07:13		367	07:12		357
za	10-12				13:45	69		13:28	69		12:56	29		13:51	79		13:52	69		14:04	69		13:56	69
za	10-12			19:48		312	19:45		302	19:26		262	19:48		312	20:10		322	20:13		342	20:12		332
zo	11-12				02:13	84		01:56	84		1:37	44		02:19	94		02:20	84		02:32	84		02:24	84
zo	11-12			08:10		333	08:07		323	7:48		283	08:10		333	08:32		343	08:35		363	08:34		353
zo	11-12				15:02	62		14:45	62		14:15	22		15:08	72		15:09	62		15:21	62		15:13	62
zo	11-12			21:04		316	21:01		306	20:42		266	21:04		316	21:26		326	21:29		346	21:28		336
ma	12-12				03:31	72		03:14	72		2:53	32		03:37	82		03:38	72		03:50	72		03:42	72
ma	12-12			09:26		333	09:23		323	9:04		283	09:26		333	09:48		343	09:51		363	09:50		353
ma	12-12				16:07	54		15:50	54		15:23	14		16:13	64		16:14	54		16:26	54		16:18	54
ma	12-12			22:04		322	22:01		312	21:42		272	22:04		322	22:26		332	22:29		352	22:28		342
di	13-12				04:36	57		04:19	57		3:53	17		04:42	67		04:43	57		04:55	57		04:47	57
di	13-12			10:27		334	10:24		324	10:05		284	10:27		334	10:49		344	10:52		364	10:51		354
di	13-12				17:06	47		16:49	47		16:19	7		17:12	57		17:13	47		17:25	47		17:17	47
di	13-12			22:56		327	22:53		317	22:34		277	22:56		327	23:18		337	23:21		357	23:20		347
wo	14-12	1:06 VM			05:35	42		05:18	42		4:46	2		05:41	52		05:42	42		05:54	42		05:46	42
wo	14-12			11:21		336	11:18		326	10:59		286	11:21		336	11:43		346	11:46		366	11:45		356
wo	14-12				18:01	40		17:44	40		17:10	0		18:07	50		18:08	40		18:20	40		18:12	40
wo	14-12			23:43		334	23:40		324	23:21		284	23:43		334									
do	15-12				06:29	28		06:12	28		5:35	-12		06:35	38	00:05		344	00:08		364	00:07		354
do	15-12			12:12		336	12:09		326	11:50		286	12:12		336		06:36	28	06:48		28	06:40		28
do	15-12				18:51	35		18:34	35		17:59	-5		18:57	45	12:34		346	12:37		366	12:36		356
do	15-12																18:58	35	19:10		35	19:02		35
vr	16-12			00:30		339	00:27		329	0:08		289	00:30		339	00:52		349	00:55		369	00:54		359
vr	16-12				07:20	20		07:03	20		6:23	-20		07:26	30		07:27	20		07:39	20		07:31	20
vr	16-12			13:01		334	12:58		324	12:39		284	13:01		334	13:23		344	13:26		364	13:25		354
vr	16-12				19:39	37		19:22	37		18:47	-3		19:45	47		19:46	37		19:58	37		19:50	37
za	17-12			01:17		341	01:14		331	0:55		291	01:17		341	01:39		351	01:42		371	01:41		361
za	17-12				08:08	22		07:51	22		7:11	-18		08:14	32		08:15	22		08:27	22		08:19	22
za	17-12			13:49		327	13:46		317	13:27		277	13:49		327	14:11		337	14:14		357	14:13		347
za	17-12				20:24	47		20:07	47		19:33	7		20:30	57		20:31	47		20:43	47		20:35	47
zo	18-12			02:02		338	01:59		328	1:40		288	02:02		338	02:24		348	02:27		368	02:26		358
zo	18-12				08:54	35		08:37	35		7:57	-5		09:00	45		09:01	35		09:13	35		09:05	35
zo	18-12			14:36		315	14:33		305	14:14		265	14:36		315	14:58		325	15:01		345	15:00		335
zo	18-12				21:06	63		20:49	63		20:19	23		21:12	73		21:13	63		21:25	63		21:17	63

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan dag datum tijd fase				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
				HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
ma	19-12			02:47		331	02:44		321	2:25		281	02:47		331	03:09		341	03:12		361	03:11		351
ma	19-12				09:37	54		09:20	54		8:42	14		09:43	64		09:44	54		09:56	54		09:48	54
ma	19-12			15:21		304	15:18		294	14:59		254	15:21		304	15:43		314	15:46		334	15:45		324
ma	19-12				21:45	81		21:28	81		21:03	41		21:51	91		21:52	81		22:04	81		21:56	81
di	20-12			03:30		323	03:27		313	3:08		273	03:30		323	03:52		333	03:55		353	03:54		343
di	20-12				10:19	70		10:02	70		9:26	30		10:25	80		10:26	70		10:38	70		10:30	70
di	20-12			16:06		297	16:03		287	15:44		247	16:06		297	16:28		307	16:31		327	16:30		317
di	20-12				22:23	93		22:06	93		21:49	53		22:29	103		22:30	93		22:42	93		22:34	93
wo	21-12	2:56	LK	04:17		319	04:14		309	3:55		269	04:17		319	04:39		329	04:42		349	04:41		339
wo	21-12				11:04	79		10:47	79		10:13	39		11:10	89		11:11	79		11:23	79		11:15	79
wo	21-12			16:54		295	16:51		285	16:32		245	16:54		295	17:16		305	17:19		325	17:18		315
wo	21-12				23:15	98		22:58	98		22:40	58		23:21	108		23:22	98		23:34	98		23:26	98
do	22-12			05:10		316	05:07		306	4:48		266	05:10		316	05:32		326	05:35		346	05:34		336
do	22-12				11:57	81		11:40	81		11:07	41		12:03	91		12:04	81		12:16	81		12:08	81
do	22-12			17:48		297	17:45		287	17:26		247	17:48		297	18:10		307	18:13		327	18:12		317
do	22-12																							
vr	23-12				00:18	98		00:01	98		23:37	58		00:24	108		00:25	98		00:37	98		00:29	98
vr	23-12			06:10		314	06:07		304	5:48		264	06:10		314	06:32		324	06:35		344	06:34		334
vr	23-12				12:55	79		12:38	79		12:06	39		13:01	89		13:02	79		13:14	79		13:06	79
vr	23-12			18:47		300	18:44		290	18:25		250	18:47		300	19:09		310	19:12		330	19:11		320
za	24-12				01:23	93		01:06	93		0:38	53		01:29	103		01:30	93		01:42	93		01:34	93
za	24-12			07:14		310	07:11		300	6:52		260	07:14		310	07:36		320	07:39		340	07:38		330
za	24-12				13:54	77		13:37	77		13:10	37		14:00	87		14:01	77		14:13	77		14:05	77
za	24-12			19:50		302	19:47		292	19:28		252	19:50		302	20:12		312	20:15		332	20:14		322
zo	25-12				02:29	87		02:12	87		1:43	47		02:35	97		02:36	87		02:48	87		02:40	87
zo	25-12			08:21		305	08:18		295	7:59		255	08:21		305	08:43		315	08:46		335	08:45		325
zo	25-12				14:57	75		14:40	75		14:16	35		15:03	85		15:04	75		15:16	75		15:08	75
zo	25-12			20:56		306	20:53		296	20:34		256	20:56		306	21:18		316	21:21		336	21:20		326
ma	26-12				03:41	81		03:24	81		2:49	41		03:47	91		03:48	81		04:00	81		03:52	81
ma	26-12			09:26		302	09:23		292	9:04		252	09:26		302	09:48		312	09:51		332	09:50		322
ma	26-12				16:00	75		15:43	75		15:15	35		16:06	85		16:07	75		16:19	75		16:11	75
ma	26-12			21:49		312	21:46		302	21:27		262	21:49		312	22:11		322	22:14		342	22:13		332
di	27-12				04:37	75		04:20	75		3:40	35		04:43	85		04:44	75		04:56	75		04:48	75
di	27-12			10:16		301	10:13		291	9:54		251	10:16		301	10:38		311	10:41		331	10:40		321
di	27-12				16:49	74		16:32	74		16:01	34		16:55	84		16:56	74		17:08	74		17:00	74
di	27-12			22:30		320	22:27		310	22:08		270	22:30		320	22:52		330	22:55		350	22:54		340

				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maan				53°38'37"N 7°08'53"E			53°41'48.1"N, 7°9'28.1"E			53°41'20"N 7°21'39"E			53°43'22"N 7°21'52"E			53°43'24"N 7°30'06"E			53°42'0.0"N, 7°42'0.0"E			53°44'57"N 7°40'55"E		
dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
wo	28-12				05:18	72		05:01	72		4:20	32		05:24	82		05:25	72		05:37	72		05:29	72
wo	28-12			10:55		306	10:52		296	10:33		256	10:55		306	11:17		316	11:20		336	11:19		326
wo	28-12				17:29	71		17:12	71		16:39	31		17:35	81		17:36	71		17:48	71		17:40	71
wo	28-12			23:08		332	23:05		322	22:46		282	23:08		332	23:30		342	23:33		362	23:32		352
do	29-12	7:53	NM		05:55	67		05:38	67		4:58	27		06:01	77		06:02	67		06:14	67		06:06	67
do	29-12			11:32		314	11:29		304	11:10		264	11:32		314	11:54		324	11:57		344	11:56		334
do	29-12				18:06	67		17:49	67		17:17	27		18:12	77		18:13	67		18:25	67		18:17	67
do	29-12			23:47		344	23:44		334	23:25		294	23:47		344									
vr	30-12				06:32	61		06:15	61		5:37	21		06:38	71	00:09		354	00:12		374	00:11		364
vr	30-12			12:12		323	12:09		313	11:50		273	12:12		323		06:39	61		06:51	61		06:43	61
vr	30-12				18:44	63		18:27	63		17:58	23		18:50	73	12:34		333	12:37		353	12:36		343
vr	30-12																18:51	63		19:03	63		18:55	63
za	31-12			00:28		352	00:25		342	0:06		302	00:28		352	00:50		362	00:53		382	00:52		372
za	31-12				07:10	58		06:53	58		6:18	18		07:16	68		07:17	58		07:29	58		07:21	58
za	31-12			12:52		326	12:49		316	12:30		276	12:52		326	13:14		336	13:17		356	13:16		346
za	31-12				19:22	64		19:05	64		18:30	24		19:28	74		19:29	64		19:41	64		19:33	64