

getijden 2016				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
vr	1-1			01:07		352	01:04		342	0:45		302	01:07		352	01:29		362	01:32		382	01:31		372
vr	1-1				07:48	59		07:31	59		6:56	19		07:54	69		07:55	59		08:07	59		07:59	59
vr	1-1			13:30		322	13:27		312	13:08		272	13:30		322	13:52		332	13:55		352	13:54		342
vr	1-1				19:56	69		19:39	69		19:13	29		20:02	79		20:03	69		20:15	69		20:07	69
za	2-1			01:40		347	01:37		337	1:18		297	01:40		347	02:02		357	02:05		377	02:04		367
za	2-1				08:23	62		08:06	62		7:30	22		08:29	72		08:30	62		08:42	62		08:34	62
za	2-1			14:05		313	14:02		303	13:43		263	14:05		313	14:27		323	14:30		343	14:29		333
za	2-1				20:29	74		20:12	74		19:46	34		20:35	84		20:36	74		20:48	74		20:40	74
zo	3-1			02:12		342	02:09		332	1:50		292	02:12		342	02:34		352	02:37		372	02:36		362
zo	3-1				08:58	63		08:41	63		8:04	23		09:04	73		09:05	63		09:17	63		09:09	63
zo	3-1			14:40		306	14:37		296	14:18		256	14:40		306	15:02		316	15:05		336	15:04		326
zo	3-1				21:03	73		20:46	73		20:22	33		21:09	83		21:10	73		21:22	73		21:14	73
ma	4-1			02:48		341	02:45		331	2:26		291	02:48		341	03:10		351	03:13		371	03:12		361
ma	4-1				09:34	61		09:17	61		8:42	21		09:40	71		09:41	61		09:53	61		09:45	61
ma	4-1			15:20		303	15:17		293	14:58		253	15:20		303	15:42		313	15:45		333	15:44		323
ma	4-1				21:43	69		21:26	69		21:03	29		21:49	79		21:50	69		22:02	69		21:54	69
di	5-1			03:31		341	03:28		331	3:09		291	03:31		341	03:53		351	03:56		371	03:55		361
di	5-1				10:16	57		09:59	57		9:26	17		10:22	67		10:23	57		10:35	57		10:27	57
di	5-1			16:05		302	16:02		292	15:43		252	16:05		302	16:27		312	16:30		332	16:29		322
di	5-1	20:47 EK			22:30	67		22:13	67		21:50	27		22:36	77		22:37	67		22:49	67		22:41	67
wo	6-1			04:20		338	04:17		328	3:58		288	04:20		338	04:42		348	04:45		368	04:44		358
wo	6-1				11:05	58		10:48	58		10:16	18		11:11	68		11:12	58		11:24	58		11:16	58
wo	6-1			16:57		299	16:54		289	16:35		249	16:57		299	17:19		309	17:22		329	17:21		319
wo	6-1				23:23	70		23:06	70		22:43	30		23:29	80		23:30	70		23:42	70		23:34	70
do	7-1			05:14		330	05:11		320	4:52		280	05:14		330	05:36		340	05:39		360	05:38		350
do	7-1				12:02	63		11:45	63		11:13	23		12:08	73		12:09	63		12:21	63		12:13	63
do	7-1			17:57		293	17:54		283	17:35		243	17:57		293	18:19		303	18:22		323	18:21		313
do	7-1				00:23	76		00:06	76		00:01	36		00:29	86		00:30	76		00:42	76		00:34	76
vr	8-1				00:23	76		00:06	76		00:01	36		00:29	86		00:30	76		00:42	76		00:34	76
vr	8-1			06:17		317	06:14		307	5:55		267	06:17		317	06:39		327	06:42		347	06:41		337
vr	8-1				13:11	70		12:54	70		12:23	30		13:17	80		13:18	70		13:30	70		13:22	70
vr	8-1			19:13		288	19:10		278	18:51		238	19:13		288	19:35		298	19:38		318	19:37		308
za	9-1				01:40	79		01:23	79		1:04	39		01:46	89		01:47	79		01:59	79		01:51	79
za	9-1			07:40		307	07:37		297	7:18		257	07:40		307	08:02		317	08:05		337	08:04		327
za	9-1				14:35	68		14:18	68		13:46	28		14:41	78		14:42	68		14:54	68		14:46	68
za	9-1			20:37		290	20:34		280	20:15		240	20:37		290	20:59		300	21:02		320	21:01		310

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maand	dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm			
	zo	10-1			03:07		70	02:50		70	2:30		30	03:13		80	03:14		70	03:26		70	03:18		70
	zo	10-1			09:07		306	09:04		296	8:45		256	09:07		306	09:29		316	09:32		336	09:31		326
	zo	10-1			15:44		59	15:27		59	15:03		19	15:50		69	15:51		59	16:03		59	15:55		59
	zo	10-1			21:44		299	21:41		289	21:22		249	21:44		299	22:06		309	22:09		329	22:08		319
	ma	11-1			04:17		54	04:00		54	3:37		14	04:23		64	04:24		54	04:36		54	04:28		54
	ma	11-1			10:15		312	10:12		302	9:53		262	10:15		312	10:37		322	10:40		342	10:39		332
	ma	11-1			16:49		49	16:32		49	4:05		9	16:55		59	16:56		49	17:08		49	17:00		49
	ma	11-1			22:40		311	22:37		301	22:18		261	22:40		311	23:02		321	23:05		341	23:04		331
	di	12-1			05:24		36	05:07		36	4:33		-4	05:30		46	05:31		36	05:43		36	05:35		36
	di	12-1			11:11		319	11:08		309	10:49		269	11:11		319	11:33		329	11:36		349	11:35		339
	di	12-1	12:34 VM		17:50		38	17:33		38	16:58		-2	17:56		48	17:57		38	18:09		38	18:01		38
	di	12-1			23:30		322	23:27		312	23:08		272	23:30		322	23:52		332	23:55		352	23:54		342
	wo	13-1			06:23		21	06:06		21	5:24		-19	06:29		31	06:30		21	06:42		21	06:34		21
	wo	13-1			12:03		323	12:00		313	11:41		273	12:03		323	12:25		333	12:28		353	12:27		343
	wo	13-1			18:43		31	18:26		31	17:48		-9	18:49		41	18:50		31	19:02		31	18:54		31
	wo	13-1			00:18		329	00:15		319	23:56		279	00:18		329	00:40		339	00:43		359	00:42		349
	do	14-1			00:18		329	00:15		319	23:56		279	00:18		329	00:40		339	00:43		359	00:42		349
	do	14-1			07:13		15	06:56		15	18:12		-25	07:19		25	07:20		15	07:32		15	07:24		15
	do	14-1			12:51		324	12:48		314	12:29		274	12:51		324	13:13		334	13:16		354	13:15		344
	do	14-1			19:31		32	19:14		32	18:35		-8	19:37		42	19:38		32	19:50		32	19:42		32
	vr	15-1			01:04		333	01:01		323	0:42		283	01:04		333	01:26		343	01:29		363	01:28		353
	vr	15-1			07:59		20	07:42		20	6:58		-20	08:05		30	08:06		20	08:18		20	08:10		20
	vr	15-1			13:37		319	13:34		309	13:15		269	13:37		319	13:59		329	14:02		349	14:01		339
	vr	15-1			20:14		42	19:57		42	19:20		2	20:20		52	20:21		42	20:33		42	20:25		42
	za	16-1			01:47		331	01:44		321	1:25		281	01:47		331	02:09		341	02:12		361	02:11		351
	za	16-1			08:40		34	08:23		34	7:40		-6	08:46		44	08:47		34	08:59		34	08:51		34
	za	16-1			14:18		312	14:15		302	13:56		262	14:18		312	14:40		322	14:43		342	14:42		332
	za	16-1			20:52		56	20:35		56	20:00		16	20:58		66	20:59		56	21:11		56	21:03		56
	zo	17-1			02:27		327	02:24		317	2:05		277	02:27		327	02:49		337	02:52		357	02:51		347
	zo	17-1			09:17		51	09:00		51	8:20		11	09:23		61	09:24		51	09:36		51	09:28		51
	zo	17-1			14:57		305	14:54		295	14:35		255	14:57		305	15:19		315	15:22		335	15:21		325
	zo	17-1			21:24		69	21:07		69	20:39		29	21:30		79	21:31		69	21:43		69	21:35		69
	ma	18-1			03:06		323	03:03		313	2:44		273	03:06		323	03:28		333	03:31		353	03:30		343
	ma	18-1			09:51		62	09:34		62	8:59		22	09:57		72	09:58		62	10:10		62	10:02		62
	ma	18-1			15:36		301	15:33		291	15:14		251	15:36		301	15:58		311	16:01		331	16:00		321
	ma	18-1			21:54		75	21:37		75	21:19		35	22:00		85	22:01		75	22:13		75	22:05		75

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maan	dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm			
					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		
di	19-1				03:46		319	03:43		309	3:24		269	03:46		319	04:08		329	04:11		349	04:10		339
di	19-1					10:26	67		10:09	67		9:39	27		10:32	77		10:33	67		10:45	67		10:37	67
di	19-1				16:17		300	16:14		290	15:55		250	16:17		300	16:39		310	16:42		330	16:41		320
di	19-1	23:13	LK			22:32	78		22:15	78		22:02	38		22:38	88		22:39	78		22:51	78		22:43	78
wo	20-1				04:31		314	04:28		304	4:09		264	04:31		314	04:53		324	04:56		344	04:55		334
wo	20-1					11:10	71		10:53	71		10:26	31		11:16	81		11:17	71		11:29	71		11:21	71
wo	20-1				17:05		297	17:02		287	16:43		247	17:05		297	17:27		307	17:30		327	17:29		317
wo	20-1					23:24	82		23:07	82		22:52	42		23:30	92		23:31	82		23:43	82		23:35	82
do	21-1				05:24		305	05:21		295	5:02		255	05:24		305	05:46		315	05:49		335	05:48		325
do	21-1					12:04	77		11:47	77		11:19	37		12:10	87		12:11	77		12:23	77		12:15	77
do	21-1				17:58		293	17:55		283	17:36		243	17:58		293	18:20		303	18:23		323	18:22		313
do	21-1					00:26	87		00:09	87		00:04	47		00:32	97		00:33	87		00:45	87		00:37	87
vr	22-1					00:26	87		00:09	87		00:04	47		00:32	97		00:33	87		00:45	87		00:37	87
vr	22-1				06:24		295	06:21		285	6:02		245	06:24		295	06:46		305	06:49		325	06:48		315
vr	22-1					13:04	84		12:47	84		12:18	44		13:10	94		13:11	84		13:23	84		13:15	84
vr	22-1				18:56		290	18:53		280	18:34		240	18:56		290	19:18		300	19:21		320	19:20		310
za	23-1					01:32	91		01:15	91		0:49	51		01:38	101		01:39	91		01:51	91		01:43	91
za	23-1				07:26		286	07:23		276	7:04		236	07:26		286	07:48		296	07:51		316	07:50		306
za	23-1					14:06	89		13:49	89		13:20	49		14:12	99		14:13	89		14:25	89		14:17	89
za	23-1				19:58		291	19:55		281	19:36		241	19:58		291	20:20		301	20:23		321	20:22		311
zo	24-1					02:42	91		02:25	91		1:53	51		02:48	101		02:49	91		03:01	91		02:53	91
zo	24-1				08:32		284	08:29		274	8:10		234	08:32		284	08:54		294	08:57		314	08:56		304
zo	24-1					15:14	89		14:57	89		14:24	49		15:20	99		15:21	89		15:33	89		15:25	89
zo	24-1				21:01		299	20:58		289	20:39		249	21:01		299	21:23		309	21:26		329	21:25		319
ma	25-1					03:55	85		03:38	85		2:57	45		04:01	95		04:02	85		04:14	85		04:06	85
ma	25-1				09:37		289	09:34		279	9:15		239	09:37		289	09:59		299	10:02		319	10:01		309
ma	25-1					16:15	83		15:58	83		15:25	43		16:21	93		16:22	83		16:34	83		16:26	83
ma	25-1				21:57		313	21:54		303	21:35		263	21:57		313	22:19		323	22:22		343	22:21		333
di	26-1					04:47	75		04:30	75		3:50	35		04:53	85		04:54	75		05:06	75		04:58	75
di	26-1				10:28		300	10:25		290	10:06		250	10:28		300	10:50		310	10:53		330	10:52		320
di	26-1					17:03	73		16:46	73		16:14	33		17:09	83		17:10	73		17:22	73		17:14	73
di	26-1				22:44		328	22:41		318	22:22		278	22:44		328	23:06		338	23:09		358	23:08		348
wo	27-1					05:31	64		05:14	64		4:36	24		05:37	74		05:38	64		05:50	64		05:42	64
wo	27-1				11:12		311	11:09		301	10:50		261	11:12		311	11:34		321	11:37		341	11:36		331
wo	27-1					17:46	62		17:29	62		16:58	22		17:52	72		17:53	62		18:05	62		17:57	62
wo	27-1				23:28		339	23:25		329	23:06		289	23:28		339	23:50		349	23:53		369	23:52		359

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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
do	28-1				06:13	53		05:56	53		5:19	13		06:19	63		06:20	53		06:32	53		06:24	53
do	28-1	1:07	NM	11:55		318	11:52		308	11:33		268	11:55		318	12:17		328	12:20		348	12:19		338
do	28-1				18:27	53		18:10	53		17:40	13		18:33	63		18:34	53		18:46	53		18:38	53
do	28-1			00:10		343	00:07		333	23:48		293	00:10		343	00:32		353	00:35		373	00:34		363
vr	29-1			00:10		343	00:07		333	23:48		293	00:10		343	00:32		353	00:35		373	00:34		363
vr	29-1				06:54	44		06:37	44		18:01	4		07:00	54		07:01	44		07:13	44		07:05	44
vr	29-1			12:36		318	12:33		308	12:14		268	12:36		318	12:58		328	13:01		348	13:00		338
vr	29-1				19:06	48		18:49	48		18:20	8		19:12	58		19:13	48		19:25	48		19:17	48
za	30-1			00:49		342	00:46		332	0:27		292	00:49		342	01:11		352	01:14		372	01:13		362
za	30-1				07:32	40		07:15	40		6:40	0		07:38	50		07:39	40		07:51	40		07:43	40
za	30-1			13:15		314	13:12		304	12:53		264	13:15		314	13:37		324	13:40		344	13:39		334
za	30-1				19:42	45		19:25	45		18:57	5		19:48	55		19:49	45		20:01	45		19:53	45
zo	31-1			01:24		338	01:21		328	1:02		288	01:24		338	01:46		348	01:49		368	01:48		358
zo	31-1				08:09	37		07:52	37		7:15	-3		08:15	47		08:16	37		08:28	37		08:20	37
zo	31-1			13:50		308	13:47		298	13:28		258	13:50		308	14:12		318	14:15		338	14:14		328
zo	31-1				20:16	43		19:59	43		19:31	3		20:22	53		20:23	43		20:35	43		20:27	43

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maand	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
					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		
ma		1-2			01:57		337	01:54		327	1:35		287	01:57		337	02:19		347	02:22		367	02:21		357
ma		1-2				08:44	35		08:27	35		7:49	-5		08:50	45		08:51	35		09:03	35		08:55	35
ma		1-2			14:25		305	14:22		295	14:03		255	14:25		305	14:47		315	14:50		335	14:49		325
ma		1-2				20:51	39		20:34	39		20:07	-1		20:57	49		20:58	39		21:10	39		21:02	39
di		2-2			02:34		338	02:31		328	2:12		288	02:34		338	02:56		348	02:59		368	02:58		358
di		2-2				09:19	33		09:02	33		8:26	-7		09:25	43		09:26	33		09:38	33		09:30	33
di		2-2			15:03		304	15:00		294	14:41		254	15:03		304	15:25		314	15:28		334	15:27		324
di		2-2				21:28	36		21:11	36		20:47	-4		21:34	46		21:35	36		21:47	36		21:39	36
wo		3-2			03:15		337	03:12		327	2:53		287	03:15		337	03:37		347	03:40		367	03:39		357
wo		3-2				09:57	35		09:40	35		9:08	-5		10:03	45		10:04	35		10:16	35		10:08	35
wo		3-2			15:45		301	15:42		291	15:23		251	15:45		301	16:07		311	16:10		331	16:09		321
wo		3-2				22:10	38		21:53	38		21:31	-2		22:16	48		22:17	38		22:29	38		22:21	38
do		4-2			04:01		330	03:58		320	3:39		280	04:01		330	04:23		340	04:26		360	04:25		350
do		4-2				10:41	44		10:24	44		9:55	4		10:47	54		10:48	44		11:00	44		10:52	44
do		4-2			16:33		293	16:30		283	16:11		243	16:33		293	16:55		303	16:58		323	16:57		313
do		4-2				22:58	48		22:41	48		22:20	8		23:04	58		23:05	48		23:17	48		23:09	48
vr		5-2			04:52		315	04:49		305	4:30		265	04:52		315	05:14		325	05:17		345	05:16		335
vr		5-2				11:32	58		11:15	58		10:48	18		11:38	68		11:39	58		11:51	58		11:43	58
vr		5-2			17:28		281	17:25		271	17:06		231	17:28		281	17:50		291	17:53		311	17:52		301
vr		5-2				23:54	61		23:37	61		23:19	21		00:00	71		00:01	61		00:13	61		00:05	61
za		6-2			05:54		296	05:51		286	5:32		246	05:54		296	06:16		306	06:19		326	06:18		316
za		6-2				12:40	72		12:23	72		11:57	32		12:46	82		12:47	72		12:59	72		12:51	72
za		6-2				01:17	70		01:00	70		18:22	221		18:44	271		19:06	281		19:09	301		19:08	291
zo		7-2				01:17	70		01:00	70		0:43	30		01:23	80		01:24	70		01:36	70		01:28	70
zo		7-2			07:27		283	07:24		273	7:05		233	07:27		283	07:49		293	07:52		313	07:51		303
zo		7-2				14:17	72		14:00	72		13:28	32		14:23	82		14:24	72		14:36	72		14:28	72
zo		7-2			20:14		272	20:11		262	19:52		222	20:14		272	20:36		282	20:39		303	20:38		293
ma		8-2				02:52	61		02:35	61		2:13	21		02:58	71		02:59	61		03:11	61		03:03	61
ma		8-2			08:57		286	08:54		276	8:35		236	08:57		286	09:19		296	09:22		316	09:21		306
ma		8-2				15:30	61		15:13	61		14:50	21		15:36	71		15:37	61		15:49	61		15:41	61
ma		8-2			21:27		287	21:24		277	21:05		237	21:27		287	21:49		297	21:52		317	21:51		307
di		9-2				04:08	45		03:51	45		3:23	5		04:14	55		04:15	45		04:27	45		04:19	45
di		9-2			10:04		299	10:01		289	9:42		249	10:04		299	10:26		309	10:29		329	10:28		319
di		9-2				16:41	46		16:24	46		15:52	6		16:47	56		16:48	46		17:00	46		16:52	46
di		9-2			22:25		305	22:22		295	22:03		255	22:25		305	22:47		315	22:50		335	22:49		325

getijden 2016				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
wo	10-2				05:18	26		05:01	26		4:21	-14		05:24	36		05:25	26		05:37	26		05:29	26
wo	10-2			11:01		312	10:58		302	10:39		262	11:01		312	11:23		322	11:26		342	11:25		332
wo	10-2				17:42	31		17:25	31		16:47	-9		17:48	41		17:49	31		18:01	31		17:53	31
wo	10-2			23:17		320	23:14		310	22:55		270	23:17		320	23:39		330	23:42		350	23:41		340
do	11-2	1:33	VM		06:13	13		05:56	13		5:12	-27		06:19	23		06:20	13		06:32	13		06:24	13
do	11-2			11:51		321	11:48		311	11:29		271	11:51		321	12:13		331	12:16		351	12:15		341
do	11-2				18:32	24		18:15	24		17:35	-16		18:38	34		18:39	24		18:51	24		18:43	24
do	11-2			00:04		328	00:01		318	23:42		278	00:04		328	00:26		338	00:29		358	00:28		348
vr	12-2			00:04		328	00:01		318	23:42		278	00:04		328	00:26		338	00:29		358	00:28		348
vr	12-2				07:00	12		06:43	12		17:58	-28		07:06	22		07:07	12		07:19	12		07:11	12
vr	12-2			12:37		322	12:34		312	12:15		272	12:37		322	12:59		332	13:02		352	13:01		342
vr	12-2				19:16	26		18:59	26		18:20	-14		19:22	36		19:23	26		19:35	26		19:27	26
za	13-2			00:48		330	00:45		320	0:26		280	00:48		330	01:10		340	01:13		360	01:12		350
za	13-2				07:41	21		07:24	21		6:40	-19		07:47	31		07:48	21		08:00	21		07:52	21
za	13-2			13:17		319	13:14		309	12:55		269	13:17		319	13:39		329	13:42		349	13:41		339
za	13-2				19:55	36		19:38	36		18:59	-4		20:01	46		20:02	36		20:14	36		20:06	36
zo	14-2			01:26		328	01:23		318	1:04		278	01:26		328	01:48		338	01:51		358	01:50		348
zo	14-2				08:17	34		08:00	34		7:17	-6		08:23	44		08:24	34		08:36	34		08:28	34
zo	14-2			13:53		314	13:50		304	13:31		264	13:53		314	14:15		324	14:18		344	14:17		334
zo	14-2				20:28	46		20:11	46		19:35	6		20:34	56		20:35	46		20:47	46		20:39	46
ma	15-2			02:01		325	01:58		315	1:39		275	02:01		325	02:23		335	02:26		355	02:25		345
ma	15-2				08:47	45		08:30	45		7:51	5		08:53	55		08:54	45		09:06	45		08:58	45
ma	15-2			14:25		311	14:22		301	14:03		261	14:25		311	14:47		321	14:50		341	14:49		331
ma	15-2				20:54	52		20:37	52		20:08	12		21:00	62		21:01	52		21:13	52		21:05	52
di	16-2			02:35		322	02:32		312	2:13		272	02:35		322	02:57		332	03:00		352	02:59		342
di	16-2				09:14	49		08:57	49		8:25	9		09:20	59		09:21	49		09:33	49		09:25	49
di	16-2			14:59		310	14:56		300	14:37		260	14:59		310	15:21		320	15:24		340	15:23		330
di	16-2				21:19	53		21:02	53		20:42	13		21:25	63		21:26	53		21:38	53		21:30	53
wo	17-2			03:10		319	03:07		309	2:48		269	03:10		319	03:32		329	03:35		349	03:34		339
wo	17-2				09:43	52		09:26	52		9:01	12		09:49	62		09:50	52		10:02	52		09:54	52
wo	17-2			15:36		308	15:33		298	15:14		258	15:36		308	15:58		318	16:01		338	16:00		328
wo	17-2				21:53	56		21:36	56		21:20	16		21:59	66		22:00	56		22:12	56		22:04	56
do	18-2			03:49		312	03:46		302	3:27		262	03:49		312	04:11		322	04:14		342	04:13		332
do	18-2				10:20	61		10:03	61		9:41	21		10:26	71		10:27	61		10:39	61		10:31	61
do	18-2			16:18		303	16:15		293	15:56		253	16:18		303	16:40		313	16:43		333	16:42		323
do	18-2	20:33	LK		22:35	66		22:18	66		22:04	26		22:41	76		22:42	66		22:54	66		22:46	66

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog		
maand	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	19-2			04:34		300	04:31		290	4:12		250	04:34		300	04:56		310	04:59		330	04:58		320
vr	19-2				11:04	77		10:47	77		10:28	37		11:10	87		11:11	77		11:23	77		11:15	77
vr	19-2			17:06		294	17:03		284	16:44		244	17:06		294	17:28		304	17:31		324	17:30		314
vr	19-2				23:26	81		23:09	81		22:54	41		23:32	91		23:33	81		23:45	81		23:37	81
za	20-2			05:27		286	05:24		276	5:05		236	05:27		286	05:49		296	05:52		316	05:51		306
za	20-2				11:58	95		11:41	95		11:22	55		12:04	105		12:05	95		12:17	95		12:09	95
za	20-2			18:01		287	17:58		277	17:39		237	18:01		287	18:23		297	18:26		317	18:25		307
za	20-2				00:27	96		00:10	96		23:52	56		00:33	106		00:34	96		00:46	96		00:38	96
zo	21-2				00:27	96		00:10	96		23:52	56		00:33	106		00:34	96		00:46	96		00:38	96
zo	21-2			06:27		277	06:24		267	6:05		227	06:27		277	06:49		287	06:52		307	06:51		297
zo	21-2				12:59	108		12:42	108		12:22	68		13:05	118		13:06	108		13:18	108		13:10	108
zo	21-2			19:02		287	18:59		277	18:40		237	19:02		287	19:24		297	19:27		317	19:26		307
ma	22-2				01:34	103		01:17	103		0:55	63		01:40	113		01:41	103		01:53	103		01:45	103
ma	22-2			07:32		276	07:29		266	7:10		226	07:32		276	07:54		286	07:57		306	07:56		296
ma	22-2				14:06	109		13:49	109		13:28	69		14:12	119		14:13	109		14:25	109		14:17	109
ma	22-2			20:09		296	20:06		286	19:47		246	20:09		296	20:31		306	20:34		326	20:33		316
di	23-2				02:50	98		02:33	98		2:05	58		02:56	108		02:57	98		03:09	98		03:01	98
di	23-2			08:45		284	08:42		274	8:23		234	08:45		284	09:07		294	09:10		314	09:09		304
di	23-2				15:27	98		15:10	98		14:39	58		15:33	108		15:34	98		15:46	98		15:38	98
di	23-2			21:18		312	21:15		302	20:56		262	21:18		312	21:40		322	21:43		342	21:42		332
wo	24-2				04:09	81		03:52	81		3:14	41		04:15	91		04:16	81		04:28	81		04:20	81
wo	24-2			09:54		298	09:51		288	9:32		248	09:54		298	10:16		308	10:19		328	10:18		318
wo	24-2				16:32	78		16:15	78		15:43	38		16:38	88		16:39	78		16:51	78		16:43	78
wo	24-2			22:16		327	22:13		317	21:54		277	22:16		327	22:38		337	22:41		357	22:40		347
do	25-2				05:03	61		04:46	61		4:09	21		05:09	71		05:10	61		05:22	61		05:14	61
do	25-2			10:47		310	10:44		300	10:25		260	10:47		310	11:09		320	11:12		340	11:11		330
do	25-2				17:21	58		17:04	58		16:34	18		17:27	68		17:28	58		17:40	58		17:32	58
do	25-2			23:05		336	23:02		326	22:43		286	23:05		336	23:27		346	23:30		366	23:29		356
vr	26-2				05:49	43		05:32	43		4:57	3		05:55	53		05:56	43		06:08	43		06:00	43
vr	26-2			11:34		314	11:31		304	11:12		264	11:34		314	11:56		324	11:59		344	11:58		334
vr	26-2	15:58 NM			18:06	43		17:49	43		17:19	3		18:12	53		18:13	43		18:25	43		18:17	43
vr	26-2			23:49		337	23:46		327	23:27		287	23:49		337	00:11		347	00:14		367	00:13		357
za	27-2				06:33	30		06:16	30		5:40	-10		06:39	40		06:40	30		06:52	30		06:44	30
za	27-2			12:16		313	12:13		303	11:54		263	12:16		313		06:40	30		06:52	30		06:44	30
za	27-2				18:47	33		18:30	33		6:00	-7		18:53	43		12:38	323		12:41	343		12:40	333
za	27-2			00:29		334	00:26		324	0:07		284	00:29		334		18:54	33		19:06	33		18:58	33

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
dag datum		maan	tijd fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
zo	28-2			00:29		334	00:26		324	00:07		284	00:29		334	00:51		344	00:54		364	00:53		354
zo	28-2				07:13	22		06:56	22		6:20	-18		07:19	32		07:20	22		07:32	22		07:24	22
zo	28-2			12:56		310	12:53		300	12:34		260	12:56		310	13:18		320	13:21		340	13:20		330
zo	28-2				19:25	26		19:08	26		19:19	-14		19:31	36		19:32	26		19:44	26		19:36	26



getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maand		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	1-3			01:06		333	01:03		323	0:44		283	01:06		333	01:28		343	01:31		363	01:30		353
ma	1-3				07:51	17		07:34	17		6:57	-23		07:57	27		07:58	17		08:10	17		08:02	17
ma	1-3			13:32		308	13:29		298	13:10		258	13:32		308	13:54		318	13:57		338	13:56		328
ma	1-3				20:01	19		19:44	19		19:14	-21		20:07	29		20:08	19		20:20	19		20:12	19
di	2-3			01:41		336	01:38		326	1:19		286	01:41		336	02:03		346	02:06		366	02:05		356
di	2-3				08:26	15		08:09	15		7:32	-25		08:32	25		08:33	15		08:45	15		08:37	15
di	2-3			14:08		310	14:05		300	13:46		260	14:08		310	14:30		320	14:33		340	14:32		330
di	2-3				20:35	14		20:18	14		19:52	-26		20:41	24		20:42	14		20:54	14		20:46	14
wo	3-3			02:20		338	02:17		328	1:58		288	02:20		338	02:42		348	02:45		368	02:44		358
wo	3-3				09:01	16		08:44	16		8:11	-24		09:07	26		09:08	16		09:20	16		09:12	16
wo	3-3			14:46		310	14:43		300	14:24		260	14:46		310	15:08		320	15:11		340	15:10		330
wo	3-3				21:12	12		20:55	12		20:31	-28		21:18	22		21:19	12		21:31	12		21:23	12
do	4-3			03:01		334	02:58		324	2:39		284	03:01		334	03:23		344	03:26		364	03:25		354
do	4-3				09:37	23		09:20	23		8:52	-17		09:43	33		09:44	23		09:56	23		09:48	23
do	4-3			15:27		305	15:24		295	15:05		255	15:27		305	15:49		315	15:52		335	15:51		325
do	4-3				21:52	19		21:35	19		21:15	-21		21:58	29		21:59	19		22:11	19		22:03	19
vr	5-3			03:47		320	03:44		310	3:25		270	03:47		320	04:09		330	04:12		350	04:11		340
vr	5-3				10:17	37		10:00	37		9:38	-3		10:23	47		10:24	37		10:36	37		10:28	37
vr	5-3	12:32	EK	16:13		293	16:10		283	15:51		243	16:13		293	16:35		303	16:38		323	16:37		313
vr	5-3				22:37	34		22:20	34		22:04	-6		22:43	44		22:44	34		22:56	34		22:48	34
za	6-3			04:39		298	04:36		288	4:17		248	04:39		298	05:01		308	05:04		328	05:03		318
za	6-3				11:04	57		10:47	57		10:31	17		11:10	67		11:11	57		11:23	57		11:15	57
za	6-3			17:08		276	17:05		266	16:46		226	17:08		276	17:30		286	17:33		306	17:32		296
za	6-3				23:32	52		23:15	52		23:07	12		23:38	62		23:39	52		23:51	52		23:43	52
zo	7-3			05:50		276	05:47		266	5:28		226	05:50		276	06:12		286	06:15		306	06:14		296
zo	7-3				12:18	76		12:01	76		11:47	36		12:24	86		12:25	76		12:37	76		12:29	76
zo	7-3			18:29		264	18:26		254	18:07		214	18:29		264	18:51		274	18:54		294	18:53		284
zo	7-3				01:20	50		01:03	50		0:34	22		01:26	72		01:27	62		01:39	62		01:31	62
ma	8-3				01:20	62		01:03	62		0:34	22		01:26	72		01:27	62		01:39	62		01:31	62
ma	8-3			07:23		268	07:20		258	7:01		218	07:23		268	07:45		278	07:48		298	07:47		288
ma	8-3				14:05	74		13:48	74		13:18	34		14:11	84		14:12	74		14:24	74		14:16	74
ma	8-3			19:57		269	19:54		259	19:35		219	19:57		269	20:19		279	20:22		299	20:21		289
di	9-3				02:42	52		02:25	52		1:59	12		02:48	62		02:49	52		03:01	52		02:53	52
di	9-3			08:45		278	08:42		268	8:23		228	08:45		278	09:07		288	09:10		308	09:09		298
di	9-3				15:18	60		15:01	60		14:35	20		15:24	70		15:25	60		15:37	60		15:29	60
di	9-3			21:10		288	21:07		278	20:48		238	21:10		288	21:32		298	21:35		318	21:34		308

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog			
maand	dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm			
					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		
wo		10-3				04:00	36		03:43	36		3:08	-4		04:06	46		04:07	36		04:19	36		04:11	36
wo		10-3			09:51		297	09:48		287	9:29		247	09:51		297	10:13		307	10:16		327	10:15		317
wo		10-3				16:31	42		16:14	42		15:38	2		16:37	52		16:38	42		16:50	42		16:42	42
wo		10-3			22:09		310	22:06		300	21:47		260	22:09		310	22:31		320	22:34		340	22:33		330
do		11-3				05:06	19		04:49	19		4:05	-21		05:12	29		05:13	19		05:25	19		05:17	19
do		11-3			10:46		314	10:43		304	10:24		264	10:46		314	11:08		324	11:11		344	11:10		334
do		11-3				17:28	27		17:11	27		16:31	-13		17:34	37		17:35	27		17:47	27		17:39	27
do		11-3			23:01		325	22:58		315	22:39		275	23:01		325	23:23		335	23:26		355	23:25		345
vr		12-3				05:57	12		05:40	12		4:56	-28		06:03	22		06:04	12		06:16	12		06:08	12
vr		12-3			11:35		322	11:32		312	11:13		272	11:35		322	11:57		332	12:00		352	11:59		342
vr		12-3	15:54 VM			18:16	22		17:59	22		17:19	-18		18:22	32		18:23	22		18:35	22		18:27	22
vr		12-3			23:47		330	23:44		320	23:25		280	23:47		330	00:09		340	00:12		360	00:11		350
za		13-3				06:41	15		06:24	15		5:40	-25		06:47	25		06:47	25		06:59	25		06:51	25
za		13-3			12:18		321	12:15		311	11:56		271	12:18		321		06:48	15		07:00	15		06:52	15
za		13-3				18:57	26		18:40	26		6:00	-14		19:03	36	12:40		331	12:43		351	12:42		341
za		13-3			00:27		0	00:24		0	0:05		-50	00:27		0		19:04	26		19:16	26		19:08	26
zo		14-3			00:27		327	00:24		317	0:05		277	00:27		327	00:49		337	00:52		357	00:51		347
zo		14-3				07:18	25		07:01	25		6:18	-15		07:24	35		07:25	25		07:37	25		07:29	25
zo		14-3			12:53		317	12:50		307	12:31		267	12:53		317	13:15		327	13:18		347	13:17		337
zo		14-3				19:32	33		19:15	33		18:35	-7		19:38	43		19:39	33		19:51	33		19:43	33
ma		15-3			01:01		323	00:58		313	0:39		273	01:01		323	01:23		333	01:26		353	01:25		343
ma		15-3				07:49	34		07:32	34		6:50	-6		07:55	44		07:56	34		08:08	34		08:00	34
ma		15-3			13:23		315	13:20		305	13:01		265	13:23		315	13:45		325	13:48		345	13:47		335
ma		15-3				20:00	38		19:43	38		19:05	-2		20:06	48		20:07	38		20:19	38		20:11	38
di		16-3			01:32		321	01:29		311	1:10		271	01:32		321	01:54		331	01:57		351	01:56		341
di		16-3				08:15	37		07:58	37		7:20	-3		08:21	47		08:22	37		08:34	37		08:26	37
di		16-3			13:52		318	13:49		308	13:30		268	13:52		318	14:14		328	14:17		348	14:16		338
di		16-3				20:23	38		20:06	38		19:36	-2		20:29	48		20:30	38		20:42	38		20:34	38
wo		17-3			02:04		321	02:01		311	1:42		271	02:04		321	02:26		331	02:29		351	02:28		341
wo		17-3				08:40	37		08:23	37		7:52	-3		08:46	47		08:47	37		08:59	37		08:51	37
wo		17-3			14:25		321	14:22		311	14:03		271	14:25		321	14:47		331	14:50		351	14:49		341
wo		17-3				20:51	38		20:34	38		20:10	-2		20:57	48		20:58	38		21:10	38		21:02	38
do		18-3			02:39		319	02:36		309	2:17		269	02:39		319	03:01		329	03:04		349	03:03		339
do		18-3				09:09	43		08:52	43		8:28	3		09:15	53		09:16	43		09:28	43		09:20	43
do		18-3			15:01		320	14:58		310	14:39		270	15:01		320	15:23		330	15:26		350	15:25		340
do		18-3				21:24	45		21:07	45		20:46	5		21:30	55		21:31	45		21:43	45		21:35	45

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog			
maand	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	19-3			03:16		312	03:13		302	2:54		262	03:16		312	03:38		322	03:41		342	03:40		332
	vr	19-3				09:41	58		09:24	58		9:05	18		09:47	68		09:48	58		10:00	58		09:52	58
	vr	19-3			15:39		314	15:36		304	15:17		264	15:39		314	16:01		324	16:04		344	16:03		334
	vr	19-3				22:01	61		21:44	61		21:25	21		22:07	71		22:08	61		22:20	61		22:12	61
	za	20-3			03:55		300	03:52		290	3:33		250	03:55		300	04:17		310	04:20		330	04:19		320
	za	20-3				10:14	80		09:57	80		9:45	40		10:20	90		10:21	80		10:33	80		10:25	80
	za	20-3	16:58	LK	16:20		306	16:17		296	15:58		256	16:20		306	16:42		316	16:45		336	16:44		326
	za	20-3				22:43	81		22:26	81		22:08	41		22:49	91		22:50	81		23:02	81		22:54	81
	zo	21-3			04:40		289	04:37		279	4:18		239	04:40		289	05:02		299	05:05		319	05:04		309
	zo	21-3				10:55	102		10:38	102		10:31	62		11:01	112		11:02	102		11:14	102		11:06	102
	zo	21-3			17:06		300	17:03		290	16:44		250	17:06		300	17:28		310	17:31		330	17:30		320
	zo	21-3				23:36	98		23:19	98		22:57	58		23:42	108		23:43	98		23:55	98		23:47	98
	ma	22-3			05:33		282	05:30		272	5:11		232	05:33		282	05:55		292	05:58		312	05:57		302
	ma	22-3				11:56	115		11:39	115		11:25	75		12:02	125		12:03	115		12:15	115		12:07	115
	ma	22-3			18:02		299	17:59		289	17:40		249	18:02		299	18:24		309	18:27		329	18:26		319
	ma	22-3				00:39	105		00:22	105		23:56	65		00:45	115		00:46	105		00:58	105		00:50	105
	di	23-3				00:39	105		00:22	105		23:56	65		00:45	115		00:46	105		00:58	105		00:50	105
	di	23-3			06:34		282	06:31		272	6:12		232	06:34		282	06:56		292	06:59		312	06:58		302
	di	23-3				13:03	115		12:46	115		12:29	75		13:09	125		13:10	115		13:22	115		13:14	115
	di	23-3			19:09		305	19:06		295	18:47		255	19:09		305	19:31		315	19:34		335	19:33		325
	wo	24-3				01:49	98		01:32	98		1:06	58		01:55	108		01:56	98		02:08	98		02:00	98
	wo	24-3			07:47		288	07:44		278	7:25		238	07:47		288	08:09		298	08:12		318	08:11		308
	wo	24-3				14:15	102		13:58	102		13:56	62		14:21	112		14:22	102		14:34	102		14:26	102
	wo	24-3			20:30		316	20:27		306	20:28		266	20:30		316	20:52		326	20:55		346	20:54		336
	do	25-3				03:14	79		02:57	79		2:39	39		03:20	89		03:21	79		03:33	79		03:25	79
	do	25-3			09:12		299	09:09		289	8:50		249	09:12		299	09:34		309	09:37		329	09:36		319
	do	25-3				15:46	79		15:29	79		15:04	39		15:52	89		15:53	79		16:05	79		15:57	79
	do	25-3			21:41		329	21:38		319	21:19		279	21:41		329	22:03		339	22:06		359	22:05		349
	vr	26-3				05:27	50		05:10	50		4:06	10		05:33	60		05:34	50		05:46	50		05:38	50
	vr	26-3			11:16		311	11:13		301	10:54		261	11:16		311	11:38		321	11:41		341	11:40		331
	vr	26-3				17:50	54		17:33	54		17:03	14		17:56	64		17:57	54		18:09	54		18:01	54
	vr	26-3			23:35		335	23:32		325	23:13		285	23:35		335	23:57		345	00:00		365	23:59		355
	za	27-3				06:19	30		06:02	30		5:29	-10		06:25	40		06:26	30		00:00	365		06:30	30
	za	27-3			12:07		315	12:04		305	11:45		265	12:07		315	12:29		325		06:38	30	12:31		335
	za	27-3				18:39	36		18:22	36		5:52	-4		18:45	46		18:46	36		12:32	345		18:50	36
	za	27-3			00:22		335	00:19		325	0:00		285	00:22		335	00:44		345		18:58	36	00:46		355

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog		
maand		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			
zo	28-3	4:57	NM	00:22		335	00:19		325	0:00		285	00:22		335	00:44		345	00:47		365	00:46		355
zo	28-3				07:06	10		06:49	10		6:15	-30		07:12	20		07:13	10		07:25	10		07:17	10
zo	28-3			12:52		314	12:49		304	12:30		264	12:52		314	13:14		324	13:17		344	13:16		334
zo	28-3				19:23	25		19:06	25		18:36	-15		19:29	35		19:30	25		19:42	25		19:34	25
ma	29-3			01:05		333	01:02		323	0:43		283	01:05		333	01:27		343	01:30		363	01:29		353
ma	29-3				07:48	10		07:31	10		6:56	-30		07:54	20		07:55	10		08:07	10		07:59	10
ma	29-3			13:32		312	13:29		302	13:10		262	13:32		312	13:54		322	13:57		342	13:56		332
ma	29-3				20:03	16		19:46	16		19:16	-24		20:09	26		20:10	16		20:22	16		20:14	16
di	30-3			01:44		334	01:41		324	1:22		284	01:44		334	02:06		344	02:09		364	02:08		354
di	30-3				08:28	0		08:11	0		7:35	-40		08:34	10		08:35	0		08:47	0		08:39	0
di	30-3			14:10		314	14:07		304	13:48		264	14:10		314	14:32		324	14:35		344	14:34		334
di	30-3				20:41	7		20:24	7		19:54	-33		20:47	17		20:48	7		21:00	7		20:52	7
wo	31-3			02:23		338	02:20		328	2:01		288	02:23		338	02:45		348	02:48		368	02:47		358
wo	31-3				09:06	0		08:49	0		8:13	-40		09:12	10		09:13	0		09:25	0		09:17	0
wo	31-3			14:48		319	14:45		309	14:26		269	14:48		319	15:10		329	15:13		349	15:12		339
wo	31-3				21:18	0		21:01	0		20:34	-40		21:24	10		21:25	0		21:37	0		21:29	0

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog				
maand		dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm			
						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		
do		1-4				03:05		338	03:02		328	2:43		288	03:05		338	03:27		348	03:30		368	03:29		358
do		1-4					09:42	0		09:25	0		8:54	-40		09:48	10		09:49	0		10:01	0		09:53	0
do		1-4				15:28		319	15:25		309	15:06		269	15:28		319	15:50		329	15:53		349	15:52		339
do		1-4					21:56	0		21:39	0		21:16	-40		22:02	10		22:03	0		22:15	0		22:07	0
vr		2-4				03:49		329	03:46		319	3:27		279	03:49		329	04:11		339	04:14		359	04:13		349
vr		2-4					10:18	10		10:01	10		9:38	-30		10:24	20		10:25	10		10:37	10		10:29	10
vr		2-4				16:11		312	16:08		302	15:49		262	16:11		312	16:33		322	16:36		342	16:35		332
vr		2-4					22:36	9		22:19	9		22:02	-31		22:42	19		22:43	9		22:55	9		22:47	9
za		3-4				04:38		310	04:35		300	4:16		260	04:38		310	05:00		320	05:03		340	05:02		330
za		3-4					10:56	30		10:39	30		10:26	-10		11:02	40		11:03	30		11:15	30		11:07	30
za		3-4				16:59		298	16:56		288	16:37		248	16:59		298	17:21		308	17:24		328	17:23		318
za		3-4	20:39	EK			23:22	27		23:05	27		22:55	-13		23:28	37		23:29	27		23:41	27		23:33	27
zo		4-4				05:36		286	05:33		276	5:14		236	05:36		286	05:58		296	06:01		316	06:00		306
zo		4-4					11:43	50		11:26	50		11:25	10		11:49	60		11:50	50		12:02	50		11:54	50
zo		4-4				17:58		282	17:55		272	17:36		232	17:58		282	18:20		292	18:23		312	18:22		302
zo		4-4					00:28	40		00:11	40		0:01	0		00:34	50		00:35	40		00:47	40		00:39	40
ma		5-4					00:28	40		00:11	40		0:01	0		00:34	50		00:35	40		00:47	40		00:39	40
ma		5-4				06:49		268	06:46		258	6:27		218	06:49		268	07:11		278	07:14		298	07:13		288
ma		5-4					13:23	75		13:06	75		12:40	35		13:29	85		13:30	75		13:42	75		13:34	75
ma		5-4				19:15		273	19:12		263	18:53		223	19:15		273	19:37		283	19:40		303	19:39		293
di		6-4					02:13	50		01:56	50		1:19	10		02:19	60		02:20	50		02:32	50		02:24	50
di		6-4				08:08		266	08:05		256	7:46		216	08:08		266	08:30		276	08:33		296	08:32		286
di		6-4					14:47	72		14:30	72		13:59	32		14:53	82		14:54	72		15:06	72		14:58	72
di		6-4				20:35		281	20:32		271	20:13		231	20:35		281	20:57		291	21:00		311	20:59		301
wo		7-4					03:24	40		03:07	40		2:38	0		03:30	50		03:31	40		03:43	40		03:35	40
wo		7-4				09:26		280	09:23		270	9:04		230	09:26		280	09:48		290	09:51		310	09:50		300
wo		7-4					15:56	59		15:39	59		15:41	19		16:02	69		16:03	59		16:15	59		16:07	59
wo		7-4				21:48		300	21:45		290	21:26		250	21:48		300	22:10		310	22:13		330	22:12		320
do		8-4					04:40	30		04:23	30		3:48	-10		04:46	40		04:47	30		04:59	30		04:51	30
do		8-4				10:32		301	10:29		291	10:10		251	10:32		301	10:54		311	10:57		331	10:56		321
do		8-4					17:10	43		16:53	43		16:18	3		17:16	53		17:17	43		17:29	43		17:21	43
do		8-4				22:48		320	22:45		310	22:26		270	22:48		320	23:10		330	23:13		350	23:12		340
vr		9-4					05:46	20		05:29	20		4:45	-20		05:52	30		05:53	20		06:05	20		05:57	20
vr		9-4				11:27		317	11:24		307	11:05		267	11:27		317	11:49		327	11:52		347	11:51		337
vr		9-4					18:08	29		17:51	29		17:12	-11		18:14	39		18:15	29		18:27	29		18:19	29
vr		9-4				23:41		329	23:38		319	23:19		279	23:41		329	00:03		339	00:06		359	00:05		349

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maand	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	10-4		06:35		10	06:18		10	5:36		-30	06:41		20	00:03		339	00:06		359	00:05		349
	za	10-4		12:15		322	12:12		312	11:53		272	12:15		322	06:42		10	06:54		10	06:46		10
	za	10-4		18:55		25	18:38		25	5:58		-15	19:01		35	12:37		332	12:40		352	12:39		342
	za	10-4		00:26		327	00:23		317	0:04		277	00:26		327	19:02		25	19:14		25	19:06		25
	zo	11-4		00:26		327	00:23		317	0:04		277	00:26		327	00:48		337	00:51		357	00:50		347
	zo	11-4	8:08 VM	07:17		20	07:00		20	6:18		-20	07:23		30	07:24		20	07:36		20	07:28		20
	zo	11-4		12:55		318	12:52		308	12:33		268	12:55		318	13:17		328	13:20		348	13:19		338
	zo	11-4		19:34		28	19:17		28	18:37		-12	19:40		38	19:41		28	19:53		28	19:45		28
	ma	12-4		01:04		319	01:01		309	0:42		269	01:04		319	01:26		329	01:29		349	01:28		339
	ma	12-4		07:52		20	07:35		20	6:53		-20	07:58		30	07:59		20	08:11		20	08:03		20
	ma	12-4		13:26		314	13:23		304	13:04		264	13:26		314	13:48		324	13:51		344	13:50		334
	ma	12-4		20:07		33	19:50		33	19:08		-7	20:13		43	20:14		33	20:26		33	20:18		33
	di	13-4		01:35		315	01:32		305	1:13		265	01:35		315	01:57		325	02:00		345	01:59		335
	di	13-4		08:19		30	08:02		30	7:21		-10	08:25		40	08:26		30	08:38		30	08:30		30
	di	13-4		13:52		317	13:49		307	13:30		267	13:52		317	14:14		327	14:17		347	14:16		337
	di	13-4		20:32		33	20:15		33	19:36		-7	20:38		43	20:39		33	20:51		33	20:43		33
	wo	14-4		02:05		316	02:02		306	1:43		266	02:05		316	02:27		326	02:30		346	02:29		336
	wo	14-4		08:44		30	08:27		30	7:51		-10	08:50		40	08:51		30	09:03		30	08:55		30
	wo	14-4		14:22		326	14:19		316	14:00		276	14:22		326	14:44		336	14:47		356	14:46		346
	wo	14-4		20:57		30	20:40		30			-10	21:03		40	21:04		30	21:16		30	21:08		30
	do	15-4		02:39		321	02:36		311	2:17		271	02:39		321	03:01		331	03:04		351	03:03		341
	do	15-4		09:12		30	08:55		30	8:26		-10	09:18		40	09:19		30	09:31		30	09:23		30
	do	15-4		14:58		333	14:55		323	14:36		283	14:58		333	15:20		343	15:23		363	15:22		353
	do	15-4		21:28		33	21:11		33	20:45		-7	21:34		43	21:35		33	21:47		33	21:39		33
	vr	16-4		03:16		320	03:13		310	2:54		270	03:16		320	03:38		330	03:41		350	03:40		340
	vr	16-4		09:43		40	09:26		40	9:03		0	09:49		50	09:50		40	10:02		40	09:54		40
	vr	16-4		15:35		332	15:32		322	15:13		282	15:35		332	15:57		342	16:00		362	15:59		352
	vr	16-4		22:02		46	21:45		46	21:21		6	22:08		56	22:09		46	22:21		46	22:13		46
	za	17-4		03:52		313	03:49		303	3:30		263	03:52		313	04:14		323	04:17		343	04:16		333
	za	17-4		10:14		60	09:57		60	9:39		20	10:20		70	10:21		60	10:33		60	10:25		60
	za	17-4		16:10		326	16:07		316	15:48		276	16:10		326	16:32		336	16:35		356	16:34		346
	za	17-4		22:37		66	22:20		66	21:57		26	22:43		76	22:44		66	22:56		66	22:48		66
	zo	18-4		04:29		303	04:26		293	4:07		253	04:29		303	04:51		313	04:54		333	04:53		323
	zo	18-4		10:41		80	10:24		80	10:15		40	10:47		90	10:48		80	11:00		80	10:52		80
	zo	18-4		16:45		320	16:42		310	16:23		270	16:45		320	17:07		330	17:10		350	17:09		340
	zo	18-4		23:15		85	22:58		85	22:35		45	23:21		95	23:22		85	23:34		85	23:26		85

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog		
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
ma	19-4			05:09		294	05:06		284	4:47		244	05:09		294	05:31		304	05:34		324	05:33		314
ma	19-4	11:57	LK		11:14	100		10:57	100		10:56	60		11:20	110		11:21	100		11:33	100		11:25	100
ma	19-4			17:27		317	17:24		307	17:05		267	17:27		317	17:49		327	17:52		347	17:51		337
ma	19-4				00:03	90		23:46	95		23:20	50		00:09	100		00:10	90		00:22	90		00:14	90
di	20-4				00:03	90	05:54		280		23:20	50		00:09	100		00:10	90		00:22	90		00:14	90
di	20-4			05:57		290		11:57	110	5:35		240	05:57		290	06:19		300	06:22		320	06:21		310
di	20-4				12:14	111	18:16		307		11:46	71		12:20	121		12:21	111		12:33	111		12:25	111
di	20-4			18:19		317		00:46	0	17:57		267	18:19		317	18:41		327	18:44		347	18:43		337
wo	21-4				01:03	90		00:46	90		0:15	50		01:09	100		01:10	90		01:22	90		01:14	90
wo	21-4			06:55		291	06:52		281	6:33		241	06:55		291	07:17		301	07:20		321	07:19		311
wo	21-4				13:22	106		13:05	106		12:46	66		13:28	116		13:29	106		13:41	106		13:33	106
wo	21-4			19:21		320	19:18		310	18:59		270	19:21		320	19:43		330	19:46		350	19:45		340
do	22-4				02:09	80		01:52	80		1:20	40		02:15	90		02:16	80		02:28	80		02:20	80
do	22-4			08:03		296	08:00		286	7:41		246	08:03		296	08:25		306	08:28		326	08:27		316
do	22-4				14:31	92		14:14	92		13:57	52		14:37	102		14:38	92		14:50	92		14:42	92
do	22-4			20:36		325	20:33		315	20:14		275	20:36		325	20:58		335	21:01		355	21:00		345
vr	23-4				03:23	60		03:06	60		2:40	20		03:29	70		03:30	60		03:42	60		03:34	60
vr	23-4			09:28		304	09:25		294	9:06		254	09:28		304	09:50		314	09:53		334	09:52		324
vr	23-4				15:49	73		15:32	73		15:21	33		15:55	83		15:56	73		16:08	73		16:00	73
vr	23-4			21:58		331	21:55		321	21:36		281	21:58		331	22:20		341	22:23		361	22:22		351
za	24-4				04:43	40		04:26	40		3:57	0		04:49	50		04:50	40		05:02	40		04:54	40
za	24-4			10:41		313	10:38		303	10:19		263	10:41		313	11:03		323	11:06		343	11:05		333
za	24-4				17:10	52		16:53	52		16:29	12		17:16	62		17:17	52		17:29	52		17:21	52
za	24-4			23:01		336	22:58		326	22:39		286	23:01		336	23:23		346	23:26		366	23:25		356
zo	25-4				05:44	20		05:27	20		4:56	-20		05:50	30		05:51	20		06:03	20		05:55	20
zo	25-4			11:36		317	11:33		307	11:14		267	11:36		317	11:58		327	12:01		347	12:00		337
zo	25-4				18:07	35		17:50	35		17:22	-5		18:13	45		18:14	35		18:26	35		18:18	35
zo	25-4			23:52		336	23:49		326	23:30		286	23:52		336	00:14		346	00:17		366	00:16		356
ma	26-4				06:35	10		06:18	10		5:45	-30		06:41	20		06:42	10		06:54	10		06:46	10
ma	26-4			12:23		317	12:20		307	12:01		267	12:23		317		06:42	10		06:54	10		06:46	10
ma	26-4	14:16	NM		18:55	23		18:38	23		6:08	-17		19:01	33	12:45		327	12:48		347	12:47		337
ma	26-4			00:38		0	00:35		0	0:16		-50	00:38		0		19:02	23		19:14	23		19:06	23
di	27-4			00:38		335	00:35		325	0:16		285	00:38		335	01:00		345	01:03		365	01:02		355
di	27-4				07:21	10		07:04	10		6:30	-30		07:27	20		07:28	10		07:40	10		07:32	10
di	27-4			13:06		318	13:03		308	12:44		268	13:06		318	13:28		328	13:31		348	13:30		338
di	27-4				19:40	13		19:23	13		18:52	-27		19:46	23		19:47	13		19:59	13		19:51	13

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
dag datum		maan	tijd fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
wo	28-4			01:22		336	01:19		326	1:00		286	01:22		336	01:44		346	01:47		366	01:46		356
wo	28-4				08:04	0		07:47	0		7:12	-40		08:10	10		08:11	0		08:23	0		08:15	0
wo	28-4			13:46		322	13:43		312	13:24		272	13:46		322	14:08		332	14:11		352	14:10		342
wo	28-4				20:22	2		20:05	2		19:33	-38		20:28	12		20:29	2		20:41	2		20:33	2
do	29-4			02:05		338	02:02		328	1:43		288	02:05		338	02:27		348	02:30		368	02:29		358
do	29-4				08:45	0		08:28	0		7:54	-40		08:51	10		08:52	0		09:04	0		08:56	0
do	29-4			14:28		327	14:25		317	14:06		277	14:28		327	14:50		337	14:53		357	14:52		347
do	29-4				21:03	0		20:46	0		20:17	-45		21:09	5		21:10	0		21:22	0		21:14	0
vr	30-4			02:51		334	02:48		324	2:29		284	02:51		334	03:13		344	03:16		364	03:15		354
vr	30-4				09:24	0		09:07	0		8:39	-40		09:30	10		09:31	0		09:43	0		09:35	0
vr	30-4			15:11		328	15:08		318	14:49		278	15:11		328	15:33		338	15:36		358	15:35		348
vr	30-4				21:44	0		21:27	0		21:03	-45		21:50	5		21:51	0		22:03	0		21:55	0



getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog		
maand		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	1-5			03:39		323	03:36		313	3:17		273	03:39		323	04:01		333	04:04		353	04:03		343
za	1-5				10:03	10		09:46	10		9:26	-30		10:09	20		10:10	10		10:22	10		10:14	10
za	1-5			15:57		321	15:54		311	15:35		271	15:57		321	16:19		331	16:22		351	16:21		341
za	1-5				22:28	6		22:11	6		21:52	-34		22:34	16		22:35	6		22:47	6		22:39	6
zo	2-5			04:31		304	04:28		294	4:09		254	04:31		304	04:53		314	04:56		334	04:55		324
zo	2-5				10:43	30		10:26	30		10:17	-10		10:49	40		10:50	30		11:02	30		10:54	30
zo	2-5			16:47		309	16:44		299	16:25		259	16:47		309	17:09		319	17:12		339	17:11		329
zo	2-5				23:21	25		23:04	25		22:46	-15		23:27	35		23:28	25		23:40	25		23:32	25
ma	3-5	4:47	EK	05:29		285	05:26		275	5:07		235	05:29		285	05:51		295	05:54		315	05:53		305
ma	3-5				11:35	50		11:18	50		11:15	10		11:41	60		11:42	50		11:54	50		11:46	50
ma	3-5			17:46		297	17:43		287	17:24		247	17:46		297	18:08		307	18:11		327	18:10		317
ma	3-5				00:40	40		00:23	40		23:48	0		00:46	50		00:47	40		00:59	40		00:51	40
di	4-5				00:40	40		00:23	40		23:48	0		00:46	50		00:47	40		00:59	40		00:51	40
di	4-5			06:34		274	06:31		264	6:12		224	06:34		274	06:56		284	06:59		304	06:58		294
di	4-5				13:08	70		12:51	70		12:22	30		13:14	80		13:15	70		13:27	70		13:19	70
di	4-5			18:54		293	18:51		283	18:32		243	18:54		293	19:16		303	19:19		323	19:18		313
wo	5-5				01:51	40		01:34	40		0:56	0		01:57	50		01:58	40		02:10	40		02:02	40
wo	5-5			07:42		275	07:39		265	7:20		225	07:42		275	08:04		285	08:07		305	08:06		295
wo	5-5				14:18	68		14:01	68		13:32	28		14:24	78		14:25	68		14:37	68		14:29	68
wo	5-5			20:06		299	20:03		289	19:44		249	20:06		299	20:28		309	20:31		329	20:30		319
do	6-5				02:54	40		02:37	40		2:08	0		03:00	50		03:01	40		03:13	40		03:05	40
do	6-5			08:54		287	08:51		277	8:32		237	08:54		287	09:16		297	09:19		317	09:18		307
do	6-5				15:23	60		15:06	60		14:43	20		15:29	70		15:30	60		15:42	60		15:34	60
do	6-5			21:16		313	21:13		303	20:54		263	21:16		313	21:38		323	21:41		343	21:40		333
vr	7-5				04:01	30		03:44	30		3:17	-10		04:07	40		04:08	30		04:20	30		04:12	30
vr	7-5			10:02		304	09:59		294	9:40		254	10:02		304	10:24		314	10:27		334	10:26		324
vr	7-5				16:36	48		16:19	48		15:49	8		16:42	58		16:43	48		16:55	48		16:47	48
vr	7-5			22:20		324	22:17		314	21:58		274	22:20		324	22:42		334	22:45		354	22:44		344
za	8-5				05:14	20		04:57	20		4:18	-20		05:20	30		05:21	20		05:33	20		05:25	20
za	8-5			11:00		316	10:57		306	10:38		266	11:00		316	11:22		326	11:25		346	11:24		336
za	8-5				17:40	35		17:23	35		16:45	-5		17:46	45		17:47	35		17:59	35		17:51	35
za	8-5			23:15		326	23:12		316	22:53		276	23:15		326	23:37		336	23:40		356	23:39		346
zo	9-5				06:06	20		05:49	20		5:09	-20		06:12	30		06:13	20		06:25	20		06:17	20
zo	9-5			11:48		318	11:45		308	11:26		268	11:48		318	12:10		328	12:13		348	12:12		338
zo	9-5				18:28	30		18:11	30		17:32	-10		18:34	40		18:35	30		18:47	30		18:39	30
zo	9-5			00:01		0	23:58		309	23:39		269	00:01		319	00:23		329	00:26		349	00:25		339

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog				
maand		dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm			
						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		
ma	10-5					00:01		319	06:30		20	23:39		269	00:01		319	00:23		329	00:26		349	00:25		339
ma	10-5						06:47	20	12:24		303		17:52	-20		06:53	30		06:54	20		07:06	20		06:58	20
ma	10-5					12:27		313	18:50		32	12:05		263	12:27		313	12:49		323	12:52		343	12:51		333
ma	10-5	23:43	VM				19:07	32	00:35		0		18:10	-8		19:13	42		19:14	32		19:26	32		19:18	32
di	11-5					00:38		310	00:35		300	0:16		260	00:38		310	01:00		320	01:03		340	01:02		330
di	11-5						07:21	30	07:04		30		6:25	-10		07:27	40		07:28	30		07:40	30		07:32	30
di	11-5					12:56		313	12:53		303	12:34		263	12:56		313	13:18		323	13:21		343	13:20		333
di	11-5						19:39	34	19:22		34		18:40	-6		19:45	44		19:46	34		19:58	34		19:50	34
wo	12-5					01:09		308	01:06		298	0:47		258	01:09		308	01:31		318	01:34		338	01:33		328
wo	12-5						07:48	30	07:31		30		6:54	-10		07:54	40		07:55	30		08:07	30		07:59	30
wo	12-5					13:23		321	13:20		311	13:01		271	13:23		321	13:45		331	13:48		351	13:47		341
wo	12-5						20:06	32	19:49		32		19:09	-8		20:12	42		20:13	32		20:25	32		20:17	32
do	13-5					01:40		314	01:37		304	1:18		264	01:40		314	02:02		324	02:05		344	02:04		334
do	13-5						08:16	30	07:59		30		7:26	-10		08:22	40		08:23	30		08:35	30		08:27	30
do	13-5					13:56		335	13:53		325	13:34		285	13:56		335	14:18		345	14:21		365	14:20		355
do	13-5						20:34	30	20:17		30		19:44	-10		20:40	40		20:41	30		20:53	30		20:45	30
vr	14-5					02:17		322	02:14		312	1:55		272	02:17		322	02:39		332	02:42		352	02:41		342
vr	14-5						08:48	30	08:31		30		8:03	-10		08:54	40		08:55	30		09:07	30		08:59	30
vr	14-5					14:34		343	14:31		333	14:12		293	14:34		343	14:56		353	14:59		373	14:58		363
vr	14-5						21:08	37	20:51		37		20:23	-3		21:14	47		21:15	37		21:27	37		21:19	37
za	15-5					02:56		323	02:53		313	2:34		273	02:56		323	03:18		333	03:21		353	03:20		343
za	15-5						09:22	50	09:05		50		8:42	10		09:28	60		09:29	50		09:41	50		09:33	50
za	15-5					15:12		343	15:09		333	14:50		293	15:12		343	15:34		353	15:37		373	15:36		363
za	15-5						21:44	52	21:27		52		21:00	12		21:50	62		21:51	52		22:03	52		21:55	52
zo	16-5					03:33		316	03:30		306	3:11		266	03:33		316	03:55		326	03:58		346	03:57		336
zo	16-5						09:54	70	09:37		70		9:17	30		10:00	80		10:01	70		10:13	70		10:05	70
zo	16-5					15:46		337	15:43		327	15:24		287	15:46		337	16:08		347	16:11		367	16:10		357
zo	16-5						22:19	70	22:02		70		21:35	30		22:25	80		22:26	70		22:38	70		22:30	70
ma	17-5					04:08		306	04:05		296	3:46		256	04:08		306	04:30		316	04:33		336	04:32		326
ma	17-5						10:23	80	10:06		80		9:52	40		10:29	90		10:30	80		10:42	80		10:34	80
ma	17-5					16:20		331	16:17		321	15:58		281	16:20		331	16:42		341	16:45		361	16:44		351
ma	17-5						22:56	82	22:39		82		22:11	42		23:02	92		23:03	82		23:15	82		23:07	82
di	18-5					04:46		299	04:43		289	4:24		249	04:46		299	05:08		309	05:11		329	05:10		319
di	18-5						10:58	90	10:41		90		10:30	50		11:04	100		11:05	90		11:17	90		11:09	90
di	18-5					16:59		330	16:56		320	16:37		280	16:59		330	17:21		340	17:24		360	17:23		350
di	18-5						23:41	84	23:24		84		22:53	44		23:47	94		23:48	84		00:00	80		23:52	84

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog			
maand		dag datum		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	
				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			
wo	19-5	2:33	LK	05:32		297	05:29		287	5:10		247	05:32		297	05:54		307		00:00	80	05:56		317	
wo	19-5				11:50	90		11:33	90		11:18	50		11:56	100		11:57	90		05:57		327		12:01	90
wo	19-5			17:49		331	17:46		321	17:27		281	17:49		331	18:11		341		12:09	96	18:13		351	
wo	19-5				00:35	70		00:18	70		23:45	30		00:41	80		00:42	70		18:14		361		00:46	70
do	20-5				00:35	70		00:18	70		23:45	30		00:41	80		00:42	70		00:54	70		00:46	70	
do	20-5			06:26		299	06:23		289	6:04		249	06:26		299	06:48		309		06:51		329		06:50	319
do	20-5				12:52	88		12:35	88		12:14	48		12:58	98		12:59	88		13:11	88		13:03	88	
do	20-5			18:47		332	18:44		322	18:25		282	18:47		332	19:09		342		19:12		362		19:11	352
vr	21-5				01:36	60		01:19	60		0:45	20		01:42	70		01:43	60		01:55	60		01:47	60	
vr	21-5			07:28		302	07:25		292	7:06		252	07:28		302	07:50		312		07:53		332		07:52	322
vr	21-5				13:56	77		13:39	77		13:18	37		14:02	87		14:03	77		14:15	77		14:07	77	
vr	21-5			19:52		332	19:49		322	19:30		282	19:52		332	20:14		342		20:17		362		20:16	352
za	22-5				02:43	50		02:26	50		1:56	10		02:49	60		02:50	50		03:02	50		02:54	50	
za	22-5			08:44		306	08:41		296	8:22		256	08:44		306	09:06		316		09:09		336		09:08	326
za	22-5				15:07	66		14:50	66		14:35	26		15:13	76		15:14	66		15:26	66		15:18	66	
za	22-5			21:10		332	21:07		322	20:48		282	21:10		332	21:32		342		21:35		362		21:34	352
zo	23-5				03:58	30		03:41	30		3:14	-10		04:04	40		04:05	30		04:17	30		04:09	30	
zo	23-5			10:02		312	09:59		302	9:40		262	10:02		312	10:24		322		10:27		342		10:26	332
zo	23-5				16:27	53		16:10	53		15:50	13		16:33	63		16:34	53		16:46	53		16:38	53	
zo	23-5			22:23		333	22:20		323	22:01		283	22:23		333	22:45		343		22:48		363		22:47	353
ma	24-5				05:07	20		04:50	20		4:21	-20		05:13	30		05:14	20		05:26	20		05:18	20	
ma	24-5			11:04		316	11:01		306	10:42		266	11:04		316	11:26		326		11:29		346		11:28	336
ma	24-5				17:33	39		17:16	39		16:51	-1		17:39	49		17:40	39		17:52	39		17:44	39	
ma	24-5			23:22		333	23:19		323	23:00		283	23:22		333	23:44		343		23:47		363		23:46	353
di	25-5				06:03	20		05:46	20		5:16	-20		06:09	30		06:10	20		06:22	20		06:14	20	
di	25-5			11:55		318	11:52		308	11:33		268	11:55		318	12:17		328		12:20		348		12:19	338
di	25-5				18:28	27		18:11	27		17:41	-13		18:34	37		18:35	27		18:47	27		18:39	27	
di	25-5	21:44	NM	00:13		333	00:10		323	23:49		283	00:13		333	00:35		343		00:38		363		00:37	353
wo	26-5			00:13		333	00:10		323	23:49		283	00:13		333	00:35		343		00:38		363		00:37	353
wo	26-5				06:54	10		06:37	10		18:04	-30		07:00	20		07:01	10		07:13	10		07:05	10	
wo	26-5			12:41		321	12:38		311	12:19		271	12:41		321	13:03		331		13:06		351		13:05	341
wo	26-5				19:18	14		19:01	14		18:29	-26		19:24	24		19:25	14		19:37	14		19:29	14	
do	27-5			01:02		333	00:59		323	0:40		283	01:02		333	01:24		343		01:27		363		01:26	353
do	27-5				07:42	10		07:25	10		6:51	-30		07:48	20		07:49	10		08:01	10		07:53	10	
do	27-5			13:25		327	13:22		317	13:03		277	13:25		327	13:47		337		13:50		357		13:49	347
do	27-5				20:05	2		19:48	2		19:15	-38		20:11	12		20:12	2		20:24	2		20:16	2	

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
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
			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		
vr	28-5			01:50		333	01:47		323	1:28		283	01:50		333	02:12		343	02:15		363	02:14		353
vr	28-5				08:28	0		08:11	0		7:38	-40		08:34	10		08:35	0		08:47	0		08:39	0
vr	28-5			14:10		332	14:07		322	13:48		282	14:10		332	14:32		342	14:35		362	14:34		352
vr	28-5				20:53	0		20:36	0		20:03	-45		20:59	5		21:00	0		21:12	0		21:04	0
za	29-5			02:40		328	02:37		318	2:18		278	02:40		328	03:02		338	03:05		358	03:04		348
za	29-5				09:12	10		08:55	10		8:26	-30		09:18	20		09:19	10		09:31	10		09:23	10
za	29-5			14:56		333	14:53		323	14:34		283	14:56		333	15:18		343	15:21		363	15:20		353
za	29-5				21:40	0		21:23	0		20:51	-43		21:46	7		21:47	0		21:59	0		21:51	0
zo	30-5			03:30		318	03:27		308	3:08		268	03:30		318	03:52		328	03:55		348	03:54		338
zo	30-5				09:57	20		09:40	20		9:15	-20		10:03	30		10:04	20		10:16	20		10:08	20
zo	30-5			15:44		328	15:41		318	15:22		278	15:44		328	16:06		338	16:09		358	16:08		348
zo	30-5				22:30	10		22:13	10		21:40	-30		22:36	20		22:37	10		22:49	10		22:41	10
ma	31-5			04:21		304	04:18		294	3:59		254	04:21		304	04:43		314	04:46		334	04:45		324
ma	31-5				10:43	30		10:26	30		10:05	-10		10:49	40		10:50	30		11:02	30		10:54	30
ma	31-5			16:34		320	16:31		310	16:12		270	16:34		320	16:56		330	16:59		350	16:58		340
ma	31-5				23:24	26		23:07	26		22:32	-14		23:30	36		23:31	26		23:43	26		23:35	26

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog		
maand		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
				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		
di	1-6			05:15		291	05:12		281	4:53		241	05:15		291	05:37		301	05:40		321	05:39		311
di	1-6				11:38	50		11:21	50		10:59	10		11:44	60		11:45	50		11:57	50		11:49	50
di	1-6	14:42	EK	17:28		313	17:25		303	17:06		263	17:28		313	17:50		323	17:53		343	17:52		333
di	1-6				00:22	40		00:05	40		23:27	0		00:28	50		00:29	40		00:41	40		00:33	40
wo	2-6				00:22	40		00:05	40		23:27	0		00:28	50		00:29	40		00:41	40		00:33	40
wo	2-6			06:10		285	06:07		275	5:48		235	06:10		285	06:32		295	06:35		315	06:34		305
wo	2-6				12:41	65		12:24	65		11:57	25		12:47	75		12:48	65		13:00	65		12:52	65
wo	2-6			18:28		311	18:25		301	18:06		261	18:28		311	18:50		321	18:53		341	18:52		331
do	3-6				01:20	40		01:03	40		0:26	0		01:26	50		01:27	40		01:39	40		01:31	40
do	3-6			07:09		287	07:06		277	6:47		237	07:09		287	07:31		297	07:34		317	07:33		307
do	3-6				13:43	66		13:26	66		12:57	26		13:49	76		13:50	66		14:02	66		13:54	66
do	3-6			19:30		314	19:27		304	19:08		264	19:30		314	19:52		324	19:55		344	19:54		334
vr	4-6				02:16	40		01:59	40		1:28	0		02:22	50		02:23	40		02:35	40		02:27	40
vr	4-6			08:11		294	08:08		284	7:49		244	08:11		294	08:33		304	08:36		324	08:35		314
vr	4-6				14:43	61		14:26	61		14:01	21		14:49	71		14:50	61		15:02	61		14:54	61
vr	4-6			20:35		318	20:32		308	20:13		268	20:35		318	20:57		328	21:00		348	20:59		338
za	5-6				03:14	40		02:57	40		2:35	0		03:20	50		03:21	40		03:33	40		03:25	40
za	5-6			09:19		302	09:16		292	8:57		252	09:19		302	09:41		312	09:44		332	09:43		322
za	5-6				15:48	54		15:31	54		15:08	14		15:54	64		15:55	54		16:07	54		15:59	54
za	5-6			21:42		319	21:39		309	21:20		269	21:42		319	22:04		329	22:07		349	22:06		339
zo	6-6				04:21	30		04:04	30		3:40	-10		04:27	40		04:28	30		04:40	30		04:32	30
zo	6-6			10:23		309	10:20		299	10:01		259	10:23		309	10:45		319	10:48		339	10:47		329
zo	6-6				17:02	45		16:45	45		16:10	5		17:08	55		17:09	45		17:21	45		17:13	45
zo	6-6			22:42		316	22:39		306	22:20		266	22:42		316	23:04		326	23:07		346	23:06		336
ma	7-6				05:27	30		05:10	30		4:36	-10		05:33	40		05:34	30		05:46	30		05:38	30
ma	7-6			11:14		311	11:11		301	10:52		261	11:14		311	11:36		321	11:39		341	11:38		331
ma	7-6				17:57	39		17:40	39		17:01	-1		18:03	49		18:04	39		18:16	39		18:08	39
ma	7-6			23:32		308	23:29		298	23:10		258	23:32		308	23:54		318	23:57		338	23:56		328
di	8-6				06:13	30		05:56	30		5:21	-10		06:19	40		06:20	30		06:32	30		06:24	30
di	8-6			11:54		311	11:51		301	11:32		261	11:54		311	12:16		321	12:19		341	12:18		331
di	8-6				18:38	39		18:21	39		17:41	-1		18:44	49		18:45	39		18:57	39		18:49	39
di	8-6			00:12		303	00:09		293	23:50		253	00:12		303	00:34		313	00:37		333	00:36		323
wo	9-6			00:12		303	00:09		293	23:50		253	00:12		303	00:34		313	00:37		333	00:36		323
wo	9-6				06:49	40		06:32	40		17:56	0		06:55	50		06:56	40		07:08	40		07:00	40
wo	9-6	15:10	VM	12:25		315	12:22		305	12:03		265	12:25		315	12:47		325	12:50		345	12:49		335
wo	9-6				19:12	40		18:55	40		18:13	0		19:18	50		19:19	40		19:31	40		19:23	40

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog		
maand		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	10-6			00:45		305	00:42		295	0:23		255	00:45		305	01:07		315	01:10		335	01:09		325
do	10-6				07:20	40		07:03	40		6:29	0		07:26	50		07:27	40		07:39	40		07:31	40
do	10-6			12:57		328	12:54		318	12:35		278	12:57		328	13:19		338	13:22		358	13:21		348
do	10-6				19:42	39		19:25	39		18:46	-1		19:48	49		19:49	39		20:01	39		19:53	39
vr	11-6			01:20		315	01:17		305	0:58		265	01:20		315	01:42		325	01:45		345	01:44		335
vr	11-6				07:53	40		07:36	40		7:05	0		07:59	50		08:00	40		08:12	40		08:04	40
vr	11-6			13:34		342	13:31		332	13:12		292	13:34		342	13:56		352	13:59		372	13:58		362
vr	11-6				20:15	39		19:58	39		19:24	-1		20:21	49		20:22	39		20:34	39		20:26	39
za	12-6			01:58		324	01:55		314	1:36		274	01:58		324	02:20		334	02:23		354	02:22		344
za	12-6				08:28	40		08:11	40		7:44	0		08:34	50		08:35	40		08:47	40		08:39	40
za	12-6			14:14		350	14:11		340	13:52		300	14:14		350	14:36		360	14:39		380	14:38		370
za	12-6				20:52	44		20:35	44		20:04	4		20:58	54		20:59	44		21:11	44		21:03	44
zo	13-6			02:38		326	02:35		316	2:16		276	02:38		326	03:00		336	03:03		356	03:02		346
zo	13-6				09:04	50		08:47	50		8:23	10		09:10	60		09:11	50		09:23	50		09:15	50
zo	13-6			14:52		350	14:49		340	14:30		300	14:52		350	15:14		360	15:17		380	15:16		370
zo	13-6				21:28	55		21:11	55		20:41	15		21:34	65		21:35	55		21:47	55		21:39	55
ma	14-6			03:15		319	03:12		309	2:53		269	03:15		319	03:37		329	03:40		349	03:39		339
ma	14-6				09:37	70		09:20	70		8:58	30		09:43	80		09:44	70		09:56	70		09:48	70
ma	14-6			15:25		343	15:22		333	15:03		293	15:25		343	15:47		353	15:50		373	15:49		363
ma	14-6				22:03	65		21:46	65		21:15	25		22:09	75		22:10	65		22:22	65		22:14	65
di	15-6			03:50		309	03:47		299	3:28		259	03:50		309	04:12		319	04:15		339	04:14		329
di	15-6				10:09	80		09:52	80		9:32	40		10:15	90		10:16	80		10:28	80		10:20	80
di	15-6			15:58		339	15:55		329	15:36		289	15:58		339	16:20		349	16:23		369	16:22		359
di	15-6				22:39	69		22:22	69		21:50	29		22:45	79		22:46	69		22:58	69		22:50	69
wo	16-6			04:26		302	04:23		292	4:04		252	04:26		302	04:48		312	04:51		332	04:50		322
wo	16-6				10:44	80		10:27	80		10:09	40		10:50	90		10:51	80		11:03	80		10:55	80
wo	16-6			16:36		338	16:33		328	16:14		288	16:36		338	16:58		348	17:01		368	17:00		358
wo	16-6				23:20	66		23:03	66		22:30	26		23:26	76		23:27	66		23:39	66		23:31	66
do	17-6			05:08		302	05:05		292	4:46		252	05:08		302	05:30		312	05:33		332	05:32		322
do	17-6				11:30	70		11:13	70		10:53	30		11:36	80		11:37	70		11:49	70		11:41	70
do	17-6	13:33	LK	17:23		339	17:20		329	17:01		289	17:23		339	17:45		349	17:48		369	17:47		359
do	17-6				00:08	50		23:51	59		23:19	10		00:14	60		00:15	50		00:27	50		00:19	50
vr	18-6				00:08	50	05:56		294		23:19	10		00:14	60		00:15	50		00:27	50		00:19	50
vr	18-6			05:59		304		12:07	70	5:37		254	05:59		304	06:21		314	06:24		334	06:23		324
vr	18-6				12:24	71	18:13		329		11:45	31		12:30	81		12:31	71		12:43	71		12:35	71
vr	18-6			18:16		339		00:47	50	17:54		289	18:16		339	18:38		349	18:41		369	18:40		359

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maand		fase		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
dag	datum	tijd		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		
za	19-6				01:04	50		00:47	50		0:14	10		01:10	60		01:11	50		01:23	50		01:15	50
za	19-6			06:56		305	06:53		295	6:34		255	06:56		305	07:18		315	07:21		335	07:20		325
za	19-6				13:24	67		13:07	67		12:44	27		13:30	77		13:31	67		13:43	67		13:35	67
za	19-6			19:16		334	19:13		324	18:54		284	19:16		334	19:38		344	19:41		364	19:40		354
zo	20-6				02:06	50		01:49	50		1:17	10		02:12	60		02:13	50		02:25	50		02:17	50
zo	20-6			08:03		304	08:00		294	7:41		254	08:03		304	08:25		314	08:28		334	08:27		324
zo	20-6				14:30	65		14:13	65		13:52	25		14:36	75		14:37	65		14:49	65		14:41	65
zo	20-6			20:26		328	20:23		318	20:04		278	20:26		328	20:48		338	20:51		358	20:50		348
ma	21-6				03:19	40		03:02	40		2:32	0		03:25	50		03:26	40		03:38	40		03:30	40
ma	21-6			09:22		306	09:19		296	9:00		256	09:22		306	09:44		316	09:47		336	09:46		326
ma	21-6				15:49	59		15:32	59		15:12	19		15:55	69		15:56	59		16:08	59		16:00	59
ma	21-6			21:47		326	21:44		316	21:25		276	21:47		326	22:09		336	22:12		356	22:11		346
di	22-6				04:31	40		04:14	40		3:47	0		04:37	50		04:38	40		04:50	40		04:42	40
di	22-6			10:32		311	10:29		301	10:10		261	10:32		311	10:54		321	10:57		341	10:56		331
di	22-6				17:02	47		16:45	47		16:22	7		17:08	57		17:09	47		17:21	47		17:13	47
di	22-6			22:56		326	22:53		316	22:34		276	22:56		326	23:18		336	23:21		356	23:20		346
wo	23-6				05:34	30		05:17	30		4:50	-10		05:40	40		05:41	30		05:53	30		05:45	30
wo	23-6			11:29		316	11:26		306	11:07		266	11:29		316	11:51		326	11:54		346	11:53		336
wo	23-6				18:03	32		17:46	32		17:19	-8		18:09	42		18:10	32		18:22	32		18:14	32
wo	23-6			23:54		327	23:51		317	23:32		277	23:54		327	00:16		0	00:19		357	00:18		347
do	24-6	4:31	NM		06:31	20		06:14	20		5:45	-20		06:37	30		06:37	337		06:50	357	00:18		347
do	24-6			12:20		323	12:17		313	11:58		273	12:20		323		06:38	20		06:50	20		06:42	20
do	24-6				19:01	17		18:44	17		6:12	-23		19:07	27		12:42	333		12:45	353	12:44		343
do	24-6			00:48		329	00:45		319	0:26		279	00:48		329		19:08	17		19:20	17		19:12	17
vr	25-6			00:48		329	00:45		319	0:26		279	00:48		329	01:10		339	01:13		359	01:12		349
vr	25-6				07:26	10		07:09	10		6:36	-30		07:32	20		07:33	10		07:45	10		07:37	10
vr	25-6			13:08		330	13:05		320	12:46		280	13:08		330	13:30		340	13:33		360	13:32		350
vr	25-6				19:56	5		19:39	5		19:01	-35		20:02	15		20:03	5		20:15	5		20:07	5
za	26-6			01:39		328	01:36		318	1:17		278	01:39		328	02:01		338	02:04		358	02:03		348
za	26-6				08:17	10		08:00	10		7:25	-30		08:23	20		08:24	10		08:36	10		08:28	10
za	26-6			13:56		335	13:53		325	13:34		285	13:56		335	14:18		345	14:21		365	14:20		355
za	26-6				20:48	0		20:31	0		19:51	-40		20:54	10		20:55	0		21:07	0		20:59	0
zo	27-6			02:30		325	02:27		315	2:08		275	02:30		325	02:52		335	02:55		355	02:54		345
zo	27-6				09:05	10		08:48	10		8:14	-30		09:11	20		09:12	10		09:24	10		09:16	10
zo	27-6			14:43		337	14:40		327	14:21		287	14:43		337	15:05		347	15:08		367	15:07		357
zo	27-6				21:36	5		21:19	5		20:38	-35		21:42	15		21:43	5		21:55	5		21:47	5

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maand		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			
ma	28-6			03:18		317	03:15		307	2:56		267	03:18		317	03:40		327	03:43		347	03:42		337
ma	28-6				09:52	20		09:35	20		9:02	-20		09:58	30		09:59	20		10:11	20		10:03	20
ma	28-6			15:30		334	15:27		324	15:08		284	15:30		334	15:52		344	15:55		364	15:54		354
ma	28-6				22:23	19		22:06	19		21:26	-21		22:29	29		22:30	19		22:42	19		22:34	19
di	29-6			04:06		308	04:03		298	3:44		258	04:06		308	04:28		318	04:31		338	04:30		328
di	29-6				10:36	40		10:19	40		9:49	0		10:42	50		10:43	40		10:55	40		10:47	40
di	29-6			16:17		329	16:14		319	15:55		279	16:17		329	16:39		339	16:42		359	16:41		349
di	29-6				23:09	35		22:52	35		22:13	-5		23:15	45		23:16	35		23:28	35		23:20	35
wo	30-6			04:53		301	04:50		291	4:31		251	04:53		301	05:15		311	05:18		331	05:17		321
wo	30-6				11:20	50		11:03	50		10:37	10		11:26	60		11:27	50		11:39	50		11:31	50
wo	30-6			17:05		325	17:02		315	16:43		275	17:05		325	17:27		335	17:30		355	17:29		345
wo	30-6				23:54	47		23:37	47		23:38	0		00:00	50		00:01	40		00:13	40		00:05	40



getijden 2016				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	1-7	2:51	EK	05:41		297	05:38		287		23:38	0	05:41	00:00	50	06:03	00:01	40	06:06	00:13	40	06:05	00:05	40
do	1-7				12:07	60		11:50	60	5:19		247	05:41		297	06:03		307	06:06		327	06:05		317
do	1-7			17:56		321	17:53		311		11:26	25		12:13	75		12:14	65		12:26	65		12:18	65
do	1-7				00:43	50		00:26	50	17:34		271	17:56		321	18:18		331	18:21		351	18:20		341
vr	2-7				00:43	50		00:26	50		23:51	10		00:49	60		00:50	50		01:02	50		00:54	50
vr	2-7			06:31		297	06:28		287	6:09		247	06:31		297	06:53		307	06:56		327	06:55		317
vr	2-7				13:01	68		12:44	68		12:19	28		13:07	78		13:08	68		13:20	68		13:12	68
vr	2-7			18:52		318	18:49		308	18:30		268	18:52		318	19:14		328	19:17		348	19:16		338
za	3-7				01:35	50		01:18	50		0:47	10		01:41	60		01:42	50		01:54	50		01:46	50
za	3-7			07:26		298	07:23		288	7:04		248	07:26		298	07:48		308	07:51		328	07:50		318
za	3-7				14:00	66		13:43	66		13:17	26		14:06	76		14:07	66		14:19	66		14:11	66
za	3-7			19:52		314	19:49		304	19:30		264	19:52		314	20:14		324	20:17		344	20:16		334
zo	4-7				02:31	50		02:14	50		1:46	10		02:37	60		02:38	50		02:50	50		02:42	50
zo	4-7			08:25		300	08:22		290	8:03		250	08:25		300	08:47		310	08:50		330	08:49		320
zo	4-7				15:01	64		14:44	64		14:18	24		15:07	74		15:08	64		15:20	64		15:12	64
zo	4-7			20:56		308	20:53		298	20:34		258	20:56		308	21:18		318	21:21		338	21:20		328
ma	5-7				03:30	50		03:13	50		2:52	10		03:36	60		03:37	50		03:49	50		03:41	50
ma	5-7			09:32		302	09:29		292	9:10		252	09:32		302	09:54		312	09:57		332	09:56		322
ma	5-7				16:11	61		15:54	61		15:26	21		16:17	71		16:18	61		16:30	61		16:22	61
ma	5-7			22:04		303	22:01		293	21:42		253	22:04		303	22:26		313	22:29		333	22:28		323
di	6-7				04:37	50		04:20	50		3:57	10		04:43	60		04:44	50		04:56	50		04:48	50
di	6-7			10:35		307	10:32		297	10:13		257	10:35		307	10:57		317	11:00		337	10:59		327
di	6-7				17:21	56		17:04	56		16:27	16		17:27	66		17:28	56		17:40	56		17:32	56
di	6-7			23:03		301	23:00		291	22:41		251	23:03		301	23:25		311	23:28		331	23:27		321
wo	7-7				05:36	50		05:19	50		4:50	10		05:42	60		05:43	50		05:55	50		05:47	50
wo	7-7			11:21		314	11:18		304	10:59		264	11:21		314	11:43		324	11:46		344	11:45		334
wo	7-7				18:09	54		17:52	54		17:12	14		18:15	64		18:16	54		18:28	54		18:20	54
wo	7-7			23:47		303	23:44		293	23:25		253	23:47		303	00:09		313	00:12		333	00:11		323
do	8-7				06:20	50		06:03	50		5:31	10		06:26	60		06:27	50		06:39	50		06:31	50
do	8-7			11:59		324	11:56		314	11:37		274	11:59		324		06:27	50		06:39	50		06:31	50
do	8-7				18:47	54		18:30	54		5:49	14		18:53	64		12:21	334		12:24	354		12:23	344
do	8-7			00:24		0	00:21		300	0:02		260	00:24		310		18:54	54		19:06	54		18:58	54
vr	9-7			00:24		310	00:21		300	0:02		260	00:24		310	00:46		320	00:49		340	00:48		330
vr	9-7	6:07	VM		06:57	50		06:40	50		6:08	10		07:03	60		07:04	50		07:16	50		07:08	50
vr	9-7			12:36		338	12:33		328	12:14		288	12:36		338	12:58		348	13:01		368	13:00		358
vr	9-7				19:22	52		19:05	52		18:27	12		19:28	62		19:29	52		19:41	52		19:33	52

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog			
maand	dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm			
	za	10-7			01:02		320	00:59		310	0:40		270	01:02		320	01:24		330	01:27		350	01:26		340
	za	10-7				07:34	50		07:17	50		6:46	10		07:40	60		07:41	50		07:53	50		07:45	50
	za	10-7			13:15		350	13:12		340	12:53		300	13:15		350	13:37		360	13:40		380	13:39		370
	za	10-7				19:59	49		19:42	49		19:06	9		20:05	59		20:06	49		20:18	49		20:10	49
	zo	11-7			01:41		327	01:38		317	1:19		277	01:41		327	02:03		337	02:06		357	02:05		347
	zo	11-7				08:11	50		07:54	50		7:26	10		08:17	60		08:18	50		08:30	50		08:22	50
	zo	11-7			13:55		355	13:52		345	13:33		305	13:55		355	14:17		365	14:20		385	14:19		375
	zo	11-7				20:36	49		20:19	49		19:45	9		20:42	59		20:43	49		20:55	49		20:47	49
	ma	12-7			02:20		327	02:17		317	1:58		277	02:20		327	02:42		337	02:45		357	02:44		347
	ma	12-7				08:47	50		08:30	50		8:04	10		08:53	60		08:54	50		09:06	50		08:58	50
	ma	12-7			14:32		353	14:29		343	14:10		303	14:32		353	14:54		363	14:57		383	14:56		373
	ma	12-7				21:12	52		20:55	52			12		21:18	62		21:19	52		21:31	52		21:23	52
	di	13-7			02:57		320	02:54		310	2:35		270	02:57		320	03:19		330	03:22		350	03:21		340
	di	13-7				09:20	60		09:03	60		8:39	20		09:26	70		09:27	60		09:39	60		09:31	60
	di	13-7			15:05		348	15:02		338	14:43		298	15:05		348	15:27		358	15:30		378	15:29		368
	di	13-7				21:47	55		21:30	55		20:56	15		21:53	65		21:54	55		22:06	55		21:58	55
	wo	14-7			03:31		312	03:28		302	3:09		262	03:31		312	03:53		322	03:56		342	03:55		332
	wo	14-7				09:53	60		09:36	60		9:12	20		09:59	70		10:00	60		10:12	60		10:04	60
	wo	14-7			15:38		344	15:35		334	15:16		294	15:38		344	16:00		354	16:03		374	16:02		364
	wo	14-7				22:21	55		22:04	55		21:30	15		22:27	65		22:28	55		22:40	55		22:32	55
	do	15-7			04:06		307	04:03		297	3:44		257	04:06		307	04:28		317	04:31		337	04:30		327
	do	15-7				10:28	60		10:11	60		9:48	20		10:34	70		10:35	60		10:47	60		10:39	60
	do	15-7			16:15		344	16:12		334	15:53		294	16:15		344	16:37		354	16:40		374	16:39		364
	do	15-7				22:59	52		22:42	52		22:08	12		23:05	62		23:06	52		23:18	52		23:10	52
	vr	16-7			04:46		307	04:43		297	4:24		257	04:46		307	05:08		317	05:11		337	05:10		327
	vr	16-7				11:09	60		10:52	60		10:30	20		11:15	70		11:16	60		11:28	60		11:20	60
	vr	16-7			16:59		344	16:56		334	16:37		294	16:59		344	17:21		354	17:24		374	17:23		364
	vr	16-7	21:26	LK		23:43	51		23:26	51		22:53	11		23:49	61		23:50	51		00:02	50		23:54	51
	za	17-7			05:32		308	05:29		298	5:10		258	05:32		308	05:54		318		00:02	50	05:56		328
	za	17-7				11:58	60		11:41	60		11:18	20		12:04	70		12:05	60		05:57	338		12:09	60
	za	17-7			17:49		340	17:46		330	17:27		290	17:49		340	18:11		350		12:17	60	18:13		360
	za	17-7				00:33	50		00:16	50		23:45	10		00:39	60		00:40	50		18:14	370		00:44	0
	zo	18-7				00:33	50		00:16	50		23:45	10		00:39	60		00:40	50		00:52	50		00:44	50
	zo	18-7			06:25		305	06:22		295	6:03		255	06:25		305	06:47		315	06:50		335	06:49		325
	zo	18-7				12:53	65		12:36	65		12:13	25		12:59	75		13:00	65		13:12	65		13:04	65
	zo	18-7			18:45		331	18:42		321	18:23		281	18:45		331	19:07		341	19:10		361	19:09		351

getijden 2016				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
ma	19-7				01:33	50		01:16	50		3:00	10		01:39	60		01:40	50		01:52	50		01:44	50
ma	19-7			07:28		300	07:25		290	11:37		250	07:28		300	07:50		310	07:53		330	07:52		320
ma	19-7				13:56	71		13:39	71		17:49	31		14:02	81		14:03	71		14:15	71		14:07	71
ma	19-7			19:53		320	19:50		310			270	19:53		320	20:15		330	20:18		350	20:17		340
di	20-7				02:46	60		02:29	60	0:02	16:12	20		02:52	70		02:53	60		03:05	60		02:57	60
di	20-7			08:47		299	08:44		289	8:25		249	08:47		299	09:09		309	09:12		329	09:11		319
di	20-7				15:20	69		15:03	69		14:42	29		15:26	79		15:27	69		15:39	69		15:31	69
di	20-7			21:21		315	21:18		305	20:59		265	21:21		315	21:43		325	21:46		345	21:45		335
wo	21-7				04:05	50		03:48	50		3:22	10		04:11	60		04:12	50		04:24	50		04:16	50
wo	21-7			10:07		305	10:04		295	9:45		255	10:07		305	10:29		315	10:32		335	10:31		325
wo	21-7				16:39	55		16:22	55		16:01	15		16:45	65		16:46	55		16:58	55		16:50	55
wo	21-7			22:39		318	22:36		308	22:17		268	22:39		318	23:01		328	23:04		348	23:03		338
do	22-7				05:12	40		04:55	40		4:32	0		05:18	50		05:19	40		05:31	40		05:23	40
do	22-7			11:10		316	11:07		306	10:48		266	11:10		316	11:32		326	11:35		346	11:34		336
do	22-7				17:48	39		17:31	39		17:04	-1		17:54	49		17:55	39		18:07	39		17:59	39
do	22-7			23:42		324	23:39		314	23:20		274	23:42		324	00:04		334	00:07		354	00:06		344
vr	23-7				06:16	30		05:59	30		5:31	-10		06:22	40		06:23	30		06:35	30		06:27	30
vr	23-7			12:04		328	12:01		318	11:42		278	12:04		328		06:23	30		06:35	30		06:27	30
vr	23-7	11:45 NM			18:53	23		18:36	23		5:58	-17		18:59	33		12:26	338		12:29	358		12:28	348
vr	23-7			00:37		328	00:34		318	0:15		278	00:37		328		19:00	23		19:12	23		19:04	23
za	24-7			00:37		328	00:34		318	0:15		278	00:37		328	00:59		338	01:02		358	01:01		348
za	24-7				07:16	20		06:59	20		6:24	-20		07:22	30		07:23	20		07:35	20		07:27	20
za	24-7			12:55		337	12:52		327	12:33		287	12:55		337	13:17		347	13:20		367	13:19		357
za	24-7				19:49	12		19:32	12		18:50	-28		19:55	22		19:56	12		20:08	12		20:00	12
zo	25-7			01:29		330	01:26		320	1:07		280	01:29		330	01:51		340	01:54		360	01:53		350
zo	25-7				08:07	20		07:50	20		7:14	-20		08:13	30		08:14	20		08:26	20		08:18	20
zo	25-7			13:43		343	13:40		333	13:21		293	13:43		343	14:05		353	14:08		373	14:07		363
zo	25-7				20:38	10		20:21	10		19:38	-30		20:44	20		20:45	10		20:57	10		20:49	10
ma	26-7			02:17		328	02:14		318	1:55		278	02:17		328	02:39		338	02:42		358	02:41		348
ma	26-7				08:54	20		08:37	20		8:01	-20		09:00	30		09:01	20		09:13	20		09:05	20
ma	26-7			14:29		345	14:26		335	14:07		295	14:29		345	14:51		355	14:54		375	14:53		365
ma	26-7				21:23	19		21:06	19		20:23	-21		21:29	29		21:30	19		21:42	19		21:34	19
di	27-7			03:02		323	02:59		313	2:40		273	03:02		323	03:24		333	03:27		353	03:26		343
di	27-7				09:37	30		09:20	30		8:45	-10		09:43	40		09:44	30		09:56	30		09:48	30
di	27-7			15:12		342	15:09		332	14:50		292	15:12		342	15:34		352	15:37		372	15:36		362
di	27-7				22:04	34		21:47	34			-6		22:10	44		22:11	34		22:23	34		22:15	34



getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maand		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
zo	1-8				00:47	60		00:30	60		0:02	20		00:53	70		00:54	60		01:06	60		00:58	60
zo	1-8			06:39		303	06:36		293	6:17		253	06:39		303	07:01		313	07:04		333	07:03		323
zo	1-8				13:08	78		12:51	78		12:30	38		13:14	88		13:15	78		13:27	78		13:19	78
zo	1-8			19:05		308	19:02		298	18:43		258	19:05		308	19:27		318	19:30		338	19:29		328
ma	2-8				01:44	70		01:27	70		15:06	30		01:50	80		01:51	70		02:03	70		01:55	70
ma	2-8			07:36		301	07:33		291	11:29		251	07:36		301	07:58		311	08:01		331	08:00		321
ma	2-8				14:12	84		13:55	84		17:45	44		14:18	94		14:19	84		14:31	84		14:23	84
ma	2-8			20:07		299	20:04		289			249	20:07		299	20:29		309	20:32		329	20:31		319
di	3-8				02:45	80		02:28	80	0:01	16:08	40		02:51	90		02:52	80		03:04	80		02:56	80
di	3-8			08:38		302	08:35		292	8:16		252	08:38		302	09:00		312	09:03		332	09:02		322
di	3-8				15:21	87		15:04	87		14:35	47		15:27	97		15:28	87		15:40	87		15:32	87
di	3-8			21:17		296	21:14		286	20:55		246	21:17		296	21:39		306	21:42		326	21:41		316
wo	4-8				03:52	80		03:35	80		3:10	40		03:58	90		03:59	80		04:11	80		04:03	80
wo	4-8			09:47		310	09:44		300	9:25		260	09:47		310	10:09		320	10:12		340	10:11		330
wo	4-8				16:41	84		16:24	84		15:46	44		16:47	94		16:48	84		17:00	84		16:52	84
wo	4-8			22:29		301	22:26		291	22:07		251	22:29		301	22:51		311	22:54		331	22:53		321
do	5-8				05:02	80		04:45	80		4:16	40		05:08	90		05:09	80		05:21	80		05:13	80
do	5-8			10:47		324	10:44		314	10:25		274	10:47		324	11:09		334	11:12		354	11:11		344
do	5-8				17:39	77		17:22	77		16:42	37		17:45	87		17:46	77		17:58	77		17:50	77
do	5-8			23:21		310	23:18		300	22:59		260	23:21		310	23:43		320	23:46		340	23:45		330
vr	6-8				05:53	70		05:36	70		5:05	30		05:59	80		06:00	70		06:12	70		06:04	70
vr	6-8			11:34		339	11:31		329	11:12		289	11:34		339	11:56		349	11:59		369	11:58		359
vr	6-8				18:22	70		18:05	70		17:26	30		18:28	80		18:29	70		18:41	70		18:33	70
vr	6-8			00:02		319	23:59		309	23:40		269	00:02		319	00:24		329	00:27		349	00:26		339
za	7-8			00:02		319	06:18		60	23:40		269	00:02		319	00:24		329	00:27		349	00:26		339
za	7-8				06:35	60	12:12		341		17:46	20	06:41		70		06:42	60		06:54	60		06:46	60
za	7-8			12:15		351	18:45		63	11:53		301	12:15		351	12:37		361	12:40		381	12:39		371
za	7-8	20:11 VM			19:02	63	00:39		0		18:06	23	19:08		73	19:09		63	19:21		63	19:13		63
zo	8-8			00:42		327	00:39		317	0:20		277	00:42		327	01:04		337	01:07		357	01:06		347
zo	8-8				07:14	60		06:57	60		6:27	20		07:20	70		07:21	60		07:33	60		07:25	60
zo	8-8			12:56		358	12:53		348	12:34		308	12:56		358	13:18		368	13:21		388	13:20		378
zo	8-8				19:40	55		19:23	55		18:47	15		19:46	65		19:47	55		19:59	55		19:51	55
ma	9-8			01:22		330	01:19		320	1:00		280	01:22		330	01:44		340	01:47		360	01:46		350
ma	9-8				07:52	50		07:35	50		7:06	10		07:58	60		07:59	50		08:11	50		08:03	50
ma	9-8			13:35		359	13:32		349	13:13		309	13:35		359	13:57		369	14:00		389	13:59		379
ma	9-8				20:18	49		20:01	49		19:26	9		20:24	59		20:25	49		20:37	49		20:29	49

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog			
maand	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
					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		
di		10-8			02:01		328	01:58		318	1:39		278	02:01		328	02:23		338	02:26		358	02:25		348
di		10-8				08:29	50		08:12	50		7:44	10		08:35	60		08:36	50		08:48	50		08:40	50
di		10-8			14:12		356	14:09		346	13:50		306	14:12		356	14:34		366	14:37		386	14:36		376
di		10-8				20:54	47		20:37	47		20:02	7		21:00	57		21:01	47		21:13	47		21:05	47
wo		11-8			02:37		322	02:34		312	2:15		272	02:37		322	02:59		332	03:02		352	03:01		342
wo		11-8				09:03	50		08:46	50		8:19	10		09:09	60		09:10	50		09:22	50		09:14	50
wo		11-8			14:45		352	14:42		342	14:23		302	14:45		352	15:07		362	15:10		382	15:09		372
wo		11-8				21:29	46		21:12	46		20:36	6		21:35	56		21:36	46		21:48	46		21:40	46
do		12-8			03:11		317	03:08		307	2:49		267	03:11		317	03:33		327	03:36		347	03:35		337
do		12-8				09:36	50		09:19	50		8:52	10		09:42	60		09:43	50		09:55	50		09:47	50
do		12-8			15:18		350	15:15		340	14:56		300	15:18		350	15:40		360	15:43		380	15:42		370
do		12-8				22:02	46		21:45	46		21:09	6		22:08	56		22:09	46		22:21	46		22:13	46
vr		13-8			03:45		316	03:42		306	3:23		266	03:45		316	04:07		326	04:10		346	04:09		336
vr		13-8				10:10	50		09:53	50		9:28	10		10:16	60		10:17	50		10:29	50		10:21	50
vr		13-8			15:56		350	15:53		340	15:34		300	15:56		350	16:18		360	16:21		380	16:20		370
vr		13-8				22:38	48		22:21	48		21:48	8		22:44	58		22:45	48		22:57	48		22:49	48
za		14-8			04:24		316	04:21		306	4:02		266	04:24		316	04:46		326	04:49		346	04:48		336
za		14-8				10:49	50		10:32	50		10:09	10		10:55	60		10:56	50		11:08	50		11:00	50
za		14-8			16:38		347	16:35		337	16:16		297	16:38		347	17:00		357	17:03		377	17:02		367
za		14-8				23:18	53		23:01	53		22:31	13		23:24	63		23:25	53		23:37	53		23:29	53
zo		15-8	3:15	LK	05:08		313	05:05		303	4:46		263	05:08		313	05:30		323	05:33		343	05:32		333
zo		15-8				11:33	50		11:16	50		10:55	10		11:39	60		11:40	50		11:52	50		11:44	50
zo		15-8			17:26		337	17:23		327	17:04		287	17:26		337	17:48		347	17:51		367	17:50		357
zo		15-8				00:05	60		23:48	64		23:20	20		00:11	70		00:12	60		00:24	60		00:16	60
ma		16-8				00:05	60	05:55		296		23:20	20		00:11	70		00:12	60		00:24	60		00:16	60
ma		16-8			05:58		306		12:08	70	5:36		256	05:58		306	06:20		316	06:23		336	06:22		326
ma		16-8				12:25	70	18:18		312		11:47	30		12:31	80		12:32	70		12:44	70		12:36	70
ma		16-8			18:21		322		00:45	70	17:59		272	18:21		322	18:43		332	18:46		352	18:45		342
di		17-8				01:02	70		00:45	70		0:18	30		01:08	80		01:09	70		01:21	70		01:13	70
di		17-8			07:00		297	06:57		287	6:38		247	07:00		297	07:22		307	07:25		327	07:24		317
di		17-8				13:30	81		13:13	81		12:55	41		13:36	91		13:37	81		13:49	81		13:41	81
di		17-8			19:35		307	19:32		297	19:13		257	19:35		307	19:57		317	20:00		337	19:59		327
wo		18-8				02:24	80		02:07	80		1:39	40		02:30	90		02:31	80		02:43	80		02:35	80
wo		18-8			08:27		294	08:24		284	8:05		244	08:27		294	08:49		304	08:52		324	08:51		314
wo		18-8				15:09	79		14:52	79		14:27	39		15:15	89		15:16	79		15:28	79		15:20	79
wo		18-8			21:12		304	21:09		294	20:50		254	21:12		304	21:34		314	21:37		334	21:36		324

getijden 2016				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	19-8				03:50	70		03:33	70		3:09	30		03:56	80		03:57	70		04:09	70		04:01	70
do	19-8			09:50		305	09:47		295	9:28		255	09:50		305	10:12		315	10:15		335	10:14		325
do	19-8				16:28	63		16:11	63		15:48	23		16:34	73		16:35	63		16:47	63		16:39	63
do	19-8			22:30		314	22:27		304	22:08		264	22:30		314	22:52		324	22:55		344	22:54		334
vr	20-8				05:00	60		04:43	60		4:20	20		05:06	70		05:07	60		05:19	60		05:11	60
vr	20-8			10:55		323	10:52		313	10:33		273	10:55		323	11:17		333	11:20		353	11:19		343
vr	20-8				17:42	45		17:25	45		16:51	5		17:48	55		17:49	45		18:01	45		17:53	45
vr	20-8			23:31		326	23:28		316	23:09		276	23:31		326	23:53		336	23:56		356	23:55		346
za	21-8				06:08	40		05:51	40		5:18	0		06:14	50		06:15	40		06:27	40		06:19	40
za	21-8			11:50		339	11:47		329	11:28		289	11:50		339	12:12		349	12:15		369	12:14		359
za	21-8				18:45	29		18:28	29		5:45	-11		18:51	39		18:52	29		19:04	29		18:56	29
za	21-8	20:30	NM	00:25		335	00:22		325	0:03		285	00:25		335	00:47		345	00:50		365	00:49		355
zo	22-8			00:25		335	00:22		325	0:03		285	00:25		335	00:47		345	00:50		365	00:49		355
zo	22-8				07:05	30		06:48	30		6:10	-10		07:11	40		07:12	30		07:24	30		07:16	30
zo	22-8			12:40		350	12:37		340	12:18		300	12:40		350	13:02		360	13:05		380	13:04		370
zo	22-8				19:36	23		19:19	23		18:35	-17		19:42	33		19:43	23		19:55	23		19:47	23
ma	23-8			01:14		338	01:11		328	0:52		288	01:14		338	01:36		348	01:39		368	01:38		358
ma	23-8				07:54	30		07:37	30		6:58	-10		08:00	40		08:01	30		08:13	30		08:05	30
ma	23-8			13:26		354	13:23		344	13:04		304	13:26		354	13:48		364	13:51		384	13:50		374
ma	23-8				20:22	26		20:05	26		19:20	-14		20:28	36		20:29	26		20:41	26		20:33	26
di	24-8			01:59		335	01:56		325	1:37		285	01:59		335	02:21		345	02:24		365	02:23		355
di	24-8				08:37	40		08:20	40		7:42	0		08:43	50		08:44	40		08:56	40		08:48	40
di	24-8			14:09		352	14:06		342	13:47		302	14:09		352	14:31		362	14:34		382	14:33		372
di	24-8				21:02	38		20:45	38		20:02	-2		21:08	48		21:09	38		21:21	38		21:13	38
wo	25-8			02:39		329	02:36		319	2:17		279	02:39		329	03:01		339	03:04		359	03:03		349
wo	25-8				09:14	50		08:57	50		8:21	10		09:20	60		09:21	50		09:33	50		09:25	50
wo	25-8			14:47		347	14:44		337	14:25		297	14:47		347	15:09		357	15:12		377	15:11		367
wo	25-8				21:37	50		21:20	50		20:38	10		21:43	60		21:44	50		21:56	50		21:48	50
do	26-8			03:14		325	03:11		315	2:52		275	03:14		325	03:36		335	03:39		355	03:38		345
do	26-8				09:46	60		09:29	60		8:57	20		09:52	70		09:53	60		10:05	60		09:57	60
do	26-8			15:24		342	15:21		332	15:02		292	15:24		342	15:46		352	15:49		372	15:48		362
do	26-8				22:07	59		21:50	59		21:14	19		22:13	69		22:14	59		22:26	59		22:18	59
vr	27-8			03:48		322	03:45		312	3:26		272	03:48		322	04:10		332	04:13		352	04:12		342
vr	27-8				10:13	60		09:56	60		9:32	20		10:19	70		10:20	60		10:32	60		10:24	60
vr	27-8			16:00		336	15:57		326	15:38		286	16:00		336	16:22		346	16:25		366	16:24		356
vr	27-8				22:35	64		22:18	64		21:50	24		22:41	74		22:42	64		22:54	64		22:46	64

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maand		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			
za	28-8			04:24		320	04:21		310	4:02		270	04:24		320	04:46		330	04:49		350	04:48		340
za	28-8				10:43	70		10:26	70		10:09	30		10:49	80		10:50	70		11:02	70		10:54	70
za	28-8			16:39		328	16:36		318	16:17		278	16:39		328	17:01		338	17:04		358	17:03		348
za	28-8				23:10	72		22:53	72		22:30	32		23:16	82		23:17	72		23:29	72		23:21	72
zo	29-8			05:05		317	05:02		307	4:43		267	05:05		317	05:27		327	05:30		347	05:29		337
zo	29-8				11:22	70		11:05	70		10:52	30		11:28	80		11:29	70		11:41	70		11:33	70
zo	29-8			17:23		318	17:20		308	17:01		268	17:23		318	17:45		328	17:48		348	17:47		338
zo	29-8				23:53	85		23:36	85		23:15	45		23:59	95		00:00	80		00:12	80		00:04	80
ma	30-8			05:52		312	05:49		302	5:30		262	05:52		312		00:00	80		00:12	80		00:04	80
ma	30-8	10:13	EK		12:13	90		11:56	90		11:42	50		12:19	100	06:14		322	06:17		342	06:16		332
ma	30-8			18:16		306	18:13		296	17:54		256	18:16		306		12:20	94		12:32	94		12:24	94
ma	30-8				00:46	100		00:29	100		0:09	60		00:52	110	18:38		316	18:41		336	18:40		326
di	31-8				00:46	100		00:29	100		0:09	60		00:52	110		00:53	100		01:05	100		00:57	100
di	31-8			06:47		308	06:44		298	6:25		258	06:47		308	07:09		318	07:12		338	07:11		328
di	31-8				13:15	110		12:58	110		12:39	70		13:21	120		13:22	110		13:34	110		13:26	110
di	31-8			19:16		297	19:13		287	18:54		247	19:16		297	19:38		307	19:41		327	19:40		317



getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerroog		
maand		fase		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
dag	datum	tijd		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		
wo	1-9				01:49	110		01:32	110		1:10	70		01:55	120		01:56	110		02:08	110		02:00	110
wo	1-9			07:48		308	07:45		298	7:26		258	07:48		308	08:10		318	08:13		338	08:12		328
wo	1-9				14:24	119		14:07	119		13:43	79		14:30	129		14:31	119		14:43	119		14:35	119
wo	1-9			20:22		296	20:19		286	20:00		246	20:22		296	20:44		306	20:47		326	20:46		316
do	2-9				02:58	120		02:41	120		2:17	80		03:04	130		03:05	120		03:17	120		03:09	120
do	2-9			08:57		318	08:54		308	8:35		268	08:57		318	09:19		328	09:22		348	09:21		338
do	2-9				15:47	117		15:30	117		14:55	77		15:53	127		15:54	117		16:06	117		15:58	117
do	2-9			21:37		303	21:34		293	21:15		253	21:37		303	21:59		313	22:02		333	22:01		323
vr	3-9				04:19	110		04:02	110		3:30	70		04:25	120		04:26	110		04:38	110		04:30	110
vr	3-9			10:07		335	10:04		325	9:45		285	10:07		335	10:29		345	10:32		365	10:31		355
vr	3-9				17:03	103		16:46	103		16:03	63		17:09	113		17:10	103		17:22	103		17:14	103
vr	3-9			22:44		316	22:41		306	22:22		266	22:44		316	23:06		326	23:09		346	23:08		336
za	4-9				05:20	90		05:03	90		4:31	50		05:26	100		05:27	90		05:39	90		05:31	90
za	4-9			11:02		351	10:59		341	10:40		301	11:02		351	11:24		361	11:27		381	11:26		371
za	4-9				17:52	85		17:35	85		16:55	45		17:58	95		17:59	85		18:11	85		18:03	85
za	4-9			23:33		328	23:30		318	23:11		278	23:33		328	23:55		338	23:58		358	23:57		348
zo	5-9				06:07	80		05:50	80		5:19	40		06:13	90		06:14	80		06:26	80		06:18	80
zo	5-9			11:49		361	11:46		351	11:27		311	11:49		361	12:11		371	12:14		391	12:13		381
zo	5-9				18:35	69		18:18	69		17:41	29		18:41	79		18:42	69		18:54	69		18:46	69
zo	5-9			00:17		334	00:14		324	23:55		284	00:17		334	00:39		344	00:42		364	00:41		354
ma	6-9			00:17		334	00:14		324	23:55		284	00:17		334	00:39		344	00:42		364	00:41		354
ma	6-9	9:03 VM			06:50	60		06:33	60		18:02	20		06:56	70		06:57	60		07:09	60		07:01	60
ma	6-9			12:32		364	12:29		354	12:10		314	12:32		364	12:54		374	12:57		394	12:56		384
ma	6-9				19:16	57		18:59	57		18:23	17		19:22	67		19:23	57		19:35	57		19:27	57
di	7-9			00:58		334	00:55		324	0:36		284	00:58		334	01:20		344	01:23		364	01:22		354
di	7-9				07:29	50		07:12	50		6:42	10		07:35	60		07:36	50		07:48	50		07:40	50
di	7-9			13:11		361	13:08		351	12:49		311	13:11		361	13:33		371	13:36		391	13:35		381
di	7-9				19:55	49		19:38	49		19:02	9		20:01	59		20:02	49		20:14	49		20:06	49
wo	8-9			01:38		330	01:35		320	1:16		280	01:38		330	02:00		340	02:03		360	02:02		350
wo	8-9				08:07	50		07:50	50		7:21	10		08:13	60		08:14	50		08:26	50		08:18	50
wo	8-9			13:48		358	13:45		348	13:26		308	13:48		358	14:10		368	14:13		388	14:12		378
wo	8-9				20:32	45		20:15	45		19:39	5		20:38	55		20:39	45		20:51	45		20:43	45
do	9-9			02:14		327	02:11		317	1:52		277	02:14		327	02:36		337	02:39		357	02:38		347
do	9-9				08:43	50		08:26	50		7:56	10		08:49	60		08:50	50		09:02	50		08:54	50
do	9-9			14:23		356	14:20		346	14:01		306	14:23		356	14:45		366	14:48		386	14:47		376
do	9-9				21:07	43		20:50	43		20:13	3		21:13	53		21:14	43		21:26	43		21:18	43

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog		
maand		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	10-9			02:48		327	02:45		317	2:26		277	02:48		327	03:10		337	03:13		357	03:12		347
vr	10-9				09:16	40		08:59	40		8:31	0		09:22	50		09:23	40		09:35	40		09:27	40
vr	10-9			14:58		357	14:55		347	14:36		307	14:58		357	15:20		367	15:23		387	15:22		377
vr	10-9				21:41	45		21:24	45		20:49	5		21:47	55		21:48	45		22:00	45		21:52	45
za	11-9			03:24		328	03:21		318	3:02		278	03:24		328	03:46		338	03:49		358	03:48		348
za	11-9				09:51	40		09:34	40		9:08	0		09:57	50		09:58	40		10:10	40		10:02	40
za	11-9			15:37		354	15:34		344	15:15		304	15:37		354	15:59		364	16:02		384	16:01		374
za	11-9				22:16	50		21:59	50		21:28	10		22:22	60		22:23	50		22:35	50		22:27	50
zo	12-9			04:03		326	04:00		316	3:41		276	04:03		326	04:25		336	04:28		356	04:27		346
zo	12-9				10:29	50		10:12	50		9:50	10		10:35	60		10:36	50		10:48	50		10:40	50
zo	12-9			16:21		345	16:18		335	15:59		295	16:21		345	16:43		355	16:46		375	16:45		365
zo	12-9				22:54	61		22:37	61		22:11	21		23:00	71		23:01	61		23:13	61		23:05	61
ma	13-9			04:46		319	04:43		309	4:24		269	04:46		319	05:08		329	05:11		349	05:10		339
ma	13-9	8:25	LK		11:12	60		10:55	60		10:35	20		11:18	70		11:19	60		11:31	60		11:23	60
ma	13-9			17:09		328	17:06		318	16:47		278	17:09		328	17:31		338	17:34		358	17:33		348
ma	13-9				23:39	77		23:22	77		23:01	37		23:45	87		23:46	77		23:58	77		23:50	77
di	14-9			05:37		308	05:34		298	5:15		258	05:37		308	05:59		318	06:02		338	06:01		328
di	14-9				12:03	70		11:46	70		11:31	30		12:09	80		12:10	70		12:22	70		12:14	70
di	14-9			18:09		307	18:06		297	17:47		257	18:09		307	18:31		317	18:34		337	18:33		327
di	14-9				00:37	90		00:20	90		0:05	50		00:43	100		00:44	90		00:56	90		00:48	90
wo	15-9				00:37	90		00:20	90		0:05	50		00:43	100		00:44	90		00:56	90		00:48	90
wo	15-9			06:45		296	06:42		286	6:23		246	06:45		296	07:07		306	07:10		326	07:09		316
wo	15-9				13:18	91		13:01	91		12:49	51		13:24	101		13:25	91		13:37	91		13:29	91
wo	15-9			19:38		294	19:35		284	19:16		244	19:38		294	20:00		304	20:03		324	20:02		314
do	16-9				02:21	100		02:04	100		1:35	60		02:27	110		02:28	100		02:40	100		02:32	100
do	16-9			08:16		297	08:13		287	7:54		247	08:16		297	08:38		307	08:41		327	08:40		317
do	16-9				15:08	83		14:51	83		14:19	43		15:14	93		15:15	83		15:27	83		15:19	83
do	16-9			21:06		299	21:03		289	20:44		249	21:06		299	21:28		309	21:31		329	21:30		319
vr	17-9				03:40	80		03:23	80		2:59	40		03:46	90		03:47	80		03:59	80		03:51	80
vr	17-9			09:36		313	09:33		303	9:14		263	09:36		313	09:58		323	10:01		343	10:00		333
vr	17-9				16:21	66		16:04	66		15:35	26		16:27	76		16:28	66		16:40	66		16:32	66
vr	17-9			22:19		316	22:16		306	21:57		266	22:19		316	22:41		326	22:44		346	22:43		336
za	18-9				04:50	70		04:33	70		4:07	30		04:56	80		04:57	70		05:09	70		05:01	70
za	18-9			10:40		335	10:37		325	10:18		285	10:40		335	11:02		345	11:05		365	11:04		355
za	18-9				17:34	49		17:17	49		16:37	9		17:40	59		17:41	49		17:53	49		17:45	49
za	18-9			23:18		333	23:15		323	22:56		283	23:18		333	23:40		343	23:43		363	23:42		353

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog		
maand		dag datum		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
				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		
zo	19-9				05:57	50		05:40	50		5:04	10		06:03	60		06:04	50		06:16	50		06:08	50
zo	19-9			11:35		352	11:32		342	11:13		302	11:35		352	11:57		362	12:00		382	11:59		372
zo	19-9				18:32	37		18:15	37		17:30	-3		18:38	47		18:39	37		18:51	37		18:43	37
zo	19-9			00:10		343	00:07		333	23:48		293	00:10		343	00:32		353	00:35		373	00:34		363
ma	20-9			00:10		343	00:07		333	23:48		293	00:10		343	00:32		353	00:35		373	00:34		363
ma	20-9	7:30	NM		06:51	40		06:34	40		17:55	0		06:57	50		06:58	40		07:10	40		07:02	40
ma	20-9			12:24		359	12:21		349	12:02		309	12:24		359	12:46		369	12:49		389	12:48		379
ma	20-9				19:19	36		19:02	36		18:18	-4		19:25	46		19:26	36		19:38	36		19:30	36
di	21-9			00:56		344	00:53		334	0:34		294	00:56		344	01:18		354	01:21		374	01:20		364
di	21-9				07:36	40		07:19	40		6:39	0		07:42	50		07:43	40		07:55	40		07:47	40
di	21-9			13:07		358	13:04		348	12:45		308	13:07		358	13:29		368	13:32		388	13:31		378
di	21-9				20:01	43		19:44	43		19:00	3		20:07	53		20:08	43		20:20	43		20:12	43
wo	22-9			01:37		339	01:34		329	1:15		289	01:37		339	01:59		349	02:02		369	02:01		359
wo	22-9				08:16	50		07:59	50		7:19	10		08:22	60		08:23	50		08:35	50		08:27	50
wo	22-9			13:45		351	13:42		341	13:23		301	13:45		351	14:07		361	14:10		381	14:09		371
wo	22-9				20:36	54		20:19	54		19:36	14		20:42	64		20:43	54		20:55	54		20:47	54
do	23-9			02:11		333	02:08		323	1:49		283	02:11		333	02:33		343	02:36		363	02:35		353
do	23-9				08:49	60		08:32	60		7:53	20		08:55	70		08:56	60		09:08	60		09:00	60
do	23-9			14:19		345	14:16		335	13:57		295	14:19		345	14:41		355	14:44		375	14:43		365
do	23-9				21:06	62		20:49	62		20:08	22		21:12	72		21:13	62		21:25	62		21:17	62
vr	24-9			02:41		332	02:38		322	2:19		282	02:41		332	03:03		342	03:06		362	03:05		352
vr	24-9				09:16	60		08:59	60		8:24	20		09:22	70		09:23	60		09:35	60		09:27	60
vr	24-9			14:52		341	14:49		331	14:30		291	14:52		341	15:14		351	15:17		371	15:16		361
vr	24-9				21:30	66		21:13	66		20:40	26		21:36	76		21:37	66		21:49	66		21:41	66
za	25-9			03:12		334	03:09		324	2:50		284	03:12		334	03:34		344	03:37		364	03:36		354
za	25-9				09:40	60		09:23	60		8:57	20		09:46	70		09:47	60		09:59	60		09:51	60
za	25-9			15:27		337	15:24		327	15:05		287	15:27		337	15:49		347	15:52		367	15:51		357
za	25-9				21:57	71		21:40	71		21:15	31		22:03	81		22:04	71		22:16	71		22:08	71
zo	26-9			03:48		335	03:45		325	3:26		285	03:48		335	04:10		345	04:13		365	04:12		355
zo	26-9				10:11	70		09:54	70		9:34	30		10:17	80		10:18	70		10:30	70		10:22	70
zo	26-9			16:04		330	16:01		320	15:42		280	16:04		330	16:26		340	16:29		360	16:28		350
zo	26-9				22:30	84		22:13	84		21:53	44		22:36	94		22:37	84		22:49	84		22:41	84
ma	27-9			04:26		332	04:23		322	4:04		282	04:26		332	04:48		342	04:51		362	04:50		352
ma	27-9				10:47	90		10:30	90		10:13	50		10:53	100		10:54	90		11:06	90		10:58	90
ma	27-9			16:45		320	16:42		310	16:23		270	16:45		320	17:07		330	17:10		350	17:09		340
ma	27-9				23:06	105		22:49	105		22:34	65		23:12	115		23:13	105		23:25	105		23:17	105

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maandag		datum		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
di	28-9	4:53	EK	05:08		326	05:05		316	4:46		276	05:08		326	05:30		336	05:33		356	05:32		346
di	28-9				11:31	110		11:14	110		10:57	70		11:37	120		11:38	110		11:50	110		11:42	110
di	28-9			17:30		309	17:27		299	17:08		259	17:30		309	17:52		319	17:55		339	17:54		329
di	28-9				23:49	128		23:32	128		23:21	88		23:55	138		23:56	128		00:08	120		00:00	120
wo	29-9			05:56		321	05:53		311	5:34		271	05:56		321	06:18		331		00:08	120		00:00	120
wo	29-9				12:24	130		12:07	130		11:48	90		12:30	140		12:31	130	06:21		351	06:20		341
wo	29-9			18:24		301	18:21		291	18:02		251	18:24		301	18:46		311		12:43	130		12:35	130
wo	29-9				00:46	140		00:29	140		0:16	100		00:52	150		00:53	140	18:49		331	18:48		321
do	30-9				00:46	140		00:29	140		0:16	100		00:52	150		00:53	140		01:05	140		00:57	140
do	30-9			06:53		321	06:50		311	6:31		271	06:53		321	07:15		331	07:18		351	07:17		341
do	30-9				13:28	140		13:11	140		12:48	100		13:34	150		13:35	140		13:47	140		13:39	140
do	30-9			19:27		300	19:24		290	19:05		250	19:27		300	19:49		310	19:52		330	19:51		320

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog			
maand	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	1-10			01:52		140	01:35		140	1:22		100	01:58		150	01:59		140	02:11		140	02:03		140
	vr	1-10			08:01		328	07:58		318	7:39		278	08:01		328	08:23		338	08:26		358	08:25		348
	vr	1-10			14:39		136	14:22		136	13:58		96	14:45		146	14:46		136	14:58		136	14:50		136
	vr	1-10			20:40		307	20:37		297	20:18		257	20:40		307	21:02		317	21:05		337	21:04		327
	za	2-10			03:03		130	02:46		130	2:36		90	03:09		140	03:10		130	03:22		130	03:14		130
	za	2-10			09:17		341	09:14		331	8:55		291	09:17		341	09:39		351	09:42		371	09:41		361
	za	2-10			16:07		117	15:50		117	15:15		77	16:13		127	16:14		117	16:26		117	16:18		117
	za	2-10			21:57		321	21:54		311	21:35		271	21:57		321	22:19		331	22:22		351	22:21		341
	zo	3-10			04:33		110	04:16		110	3:48		70	04:39		120	04:40		110	04:52		110	04:44		110
	zo	3-10			10:23		356	10:20		346	10:01		306	10:23		356	10:45		366	10:48		386	10:47		376
	zo	3-10			17:12		91	16:55		91	16:18		51	17:18		101	17:19		91	17:31		91	17:23		91
	zo	3-10			22:57		333	22:54		323	22:35		283	22:57		333	23:19		343	23:22		363	23:21		353
	ma	4-10			05:31		90	05:14		90	4:44		50	05:37		100	05:38		90	05:50		90	05:42		90
	ma	4-10			11:16		364	11:13		354	10:54		314	11:16		364	11:38		374	11:41		394	11:40		384
	ma	4-10			18:01		69	17:44		69	17:09		29	18:07		79	18:08		69	18:20		69	18:12		69
	ma	4-10			23:46		339	23:43		329	23:24		289	23:46		339	00:08		0	00:11		369	00:10		359
	di	5-10			06:19		70	06:02		70	5:32		30	06:25		80	00:08		349	00:11		369	00:10		359
	di	5-10			12:02		365	11:59		355	11:40		315	12:02		365	06:26		70	06:38		70	06:30		70
	di	5-10			18:46		55	18:29		55	5:54		15	18:52		65	12:24		375	12:27		395	12:26		385
	di	5-10	20:40	VM	00:30		339	00:27		329	0:08		289	00:30		339	18:53		55	19:05		55	18:57		55
	wo	6-10			00:30		339	00:27		329	0:08		289	00:30		339	00:52		349	00:55		369	00:54		359
	wo	6-10			07:02		60	06:45		60	6:15		20	07:08		70	07:09		60	07:21		60	07:13		60
	wo	6-10			12:44		361	12:41		351	12:22		311	12:44		361	13:06		371	13:09		391	13:08		381
	wo	6-10			19:27		48	19:10		48	18:35		8	19:33		58	19:34		48	19:46		48	19:38		48
	do	7-10			01:10		336	01:07		326	0:48		286	01:10		336	01:32		346	01:35		366	01:34		356
	do	7-10			07:42		50	07:25		50	6:54		10	07:48		60	07:49		50	08:01		50	07:53		50
	do	7-10			13:23		359	13:20		349	13:01		309	13:23		359	13:45		369	13:48		389	13:47		379
	do	7-10			20:06		45	19:49		45	19:13		5	20:12		55	20:13		45	20:25		45	20:17		45
	vr	8-10			01:48		336	01:45		326	1:26		286	01:48		336	02:10		346	02:13		366	02:12		356
	vr	8-10			08:20		40	08:03		40	7:32		0	08:26		50	08:27		40	08:39		40	08:31		40
	vr	8-10			14:00		359	13:57		349	13:38		309	14:00		359	14:22		369	14:25		389	14:24		379
	vr	8-10			20:43		44	20:26		44	19:50		4	20:49		54	20:50		44	21:02		44	20:54		44
	za	9-10			02:24		338	02:21		328	2:02		288	02:24		338	02:46		348	02:49		368	02:48		358
	za	9-10			08:57		40	08:40		40	8:10		0	09:03		50	09:04		40	09:16		40	09:08		40
	za	9-10			14:40		358	14:37		348	14:18		308	14:40		358	15:02		368	15:05		388	15:04		378
	za	9-10			21:19		46	21:02		46	20:29		6	21:25		56	21:26		46	21:38		46	21:30		46

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog			
maand	dag	datum	tijd	fase	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm			
					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		
zo		10-10			03:02		340	02:59		330	2:40		290	03:02		340	03:24		350	03:27		370	03:26		360
zo		10-10				09:33	40		09:16	40		8:50	0		09:39	50		09:40	40		09:52	40		09:44	40
zo		10-10			15:22		352	15:19		342	15:00		302	15:22		352	15:44		362	15:47		382	15:46		372
zo		10-10				21:55	54		21:38	54			14		22:01	64		22:02	54		22:14	54		22:06	54
ma		11-10			03:44		336	03:41		326	3:22		286	03:44		336	04:06		346	04:09		366	04:08		356
ma		11-10				10:12	40		09:55	40		9:34	0		10:18	50		10:19	40		10:31	40		10:23	40
ma		11-10			16:09		336	16:06		326	15:47		286	16:09		336	16:31		346	16:34		366	16:33		356
ma		11-10				22:33	67		22:16	67		21:57	27		22:39	77		22:40	67		22:52	67		22:44	67
di		12-10			04:29		327	04:26		317	4:07		277	04:29		327	04:51		337	04:54		357	04:53		347
di		12-10				10:56	60		10:39	60		10:23	20		11:02	70		11:03	60		11:15	60		11:07	60
di		12-10	14:25	LK	17:02		315	16:59		305	16:40		265	17:02		315	17:24		325	17:27		345	17:26		335
di		12-10				23:18	85		23:01	85		22:50	45		23:24	95		23:25	85		23:37	85		23:29	85
wo		13-10			05:23		313	05:20		303	5:01		263	05:23		313	05:45		323	05:48		343	05:47		333
wo		13-10				11:52	70		11:35	70		11:25	30		11:58	80		11:59	70		12:11	70		12:03	70
wo		13-10			18:12		296	18:09		286	17:50		246	18:12		296	18:34		306	18:37		326	18:36		316
wo		13-10				00:22	100		00:05	100		0:02	60		00:28	110		00:29	100		00:41	100		00:33	100
do		14-10				00:22	100		00:05	100		0:02	60		00:28	110		00:29	100		00:41	100		00:33	100
do		14-10			06:37		302	06:34		292	6:15		252	06:37		302	06:59		312	07:02		332	07:01		322
do		14-10				13:36	89		13:19	89		12:43	49		13:42	99		13:43	89		13:55	89		13:47	89
do		14-10			19:33		290	19:30		280	19:11		240	19:33		290	19:55		300	19:58		320	19:57		310
vr		15-10				02:13	100		01:56	100		1:24	60		02:19	110		02:20	100		02:32	100		02:24	100
vr		15-10			08:00		306	07:57		296	7:38		256	08:00		306	08:22		316	08:25		336	08:24		326
vr		15-10				14:55	80		14:38	80		14:04	40		15:01	90		15:02	80		15:14	80		15:06	80
vr		15-10			20:52		300	20:49		290	20:30		250	20:52		300	21:14		310	21:17		330	21:16		320
za		16-10				03:23	90		03:06	90		2:41	50		03:29	100		03:30	90		03:42	90		03:34	90
za		16-10			09:15		323	09:12		313	8:53		273	09:15		323	09:37		333	09:40		353	09:39		343
za		16-10				16:04	67		15:47	67		15:16	27		16:10	77		16:11	67		16:23	67		16:15	67
za		16-10			22:02		320	21:59		310	21:40		270	22:02		320	22:24		330	22:27		350	22:26		340
zo		17-10				04:32	70		04:15	70		3:49	30		04:38	80		04:39	70		04:51	70		04:43	70
zo		17-10			10:20		343	10:17		333	9:58		293	10:20		343	10:42		353	10:45		373	10:44		363
zo		17-10				17:16	53		16:59	53		16:18	13		17:22	63		17:23	53		17:35	53		17:27	53
zo		17-10			23:01		337	22:58		327	22:39		287	23:01		337	23:23		347	23:26		367	23:25		357
ma		18-10				05:39	60		05:22	60		4:46	20		05:45	70		05:46	60		05:58	60		05:50	60
ma		18-10			11:15		355	11:12		345	10:53		305	11:15		355	11:37		365	11:40		385	11:39		375
ma		18-10				18:12	45		17:55	45		17:11	5		18:18	55		18:19	45		18:31	45		18:23	45
ma		18-10			23:51		345	23:48		335	23:29		295	23:51		345	00:13		355	00:16		375	00:15		365

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maand		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
				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		
di	19-10				06:32	50		06:15	50		5:35	10		06:38	60	00:13		355	00:16		375	00:15		365
di	19-10			12:04		356	12:01		346	11:42		306	12:04		356		06:39	50		06:51	50		06:43	50
di	19-10				18:57	46		18:40	46		5:58	6		19:03	56	12:26		366	12:29		386	12:28		376
di	19-10	21:12	NM	00:36		343	00:33		333	0:14		293	00:36		343		19:04	46		19:16	46		19:08	46
wo	20-10			00:36		343	00:33		333	0:14		293	00:36		343	00:58		353	01:01		373	01:00		363
wo	20-10				07:16	50		06:59	50		6:19	10		07:22	60		07:23	50		07:35	50		07:27	50
wo	20-10			12:47		349	12:44		339	12:25		299	12:47		349	13:09		359	13:12		379	13:11		369
wo	20-10				19:36	54		19:19	54		18:38	14		19:42	64		19:43	54		19:55	54		19:47	54
do	21-10			01:13		337	01:10		327	0:51		287	01:13		337	01:35		347	01:38		367	01:37		357
do	21-10				07:53	60		07:36	60		6:55	20		07:59	70		08:00	60		08:12	60		08:04	60
do	21-10			13:22		340	13:19		330	13:00		290	13:22		340	13:44		350	13:47		370	13:46		360
do	21-10				20:08	62		19:51	62		19:10	22		20:14	72		20:15	62		20:27	62		20:19	62
vr	22-10			01:42		335	01:39		325	1:20		285	01:42		335	02:04		345	02:07		365	02:06		355
vr	22-10				08:24	60		08:07	60		7:25	20		08:30	70		08:31	60		08:43	60		08:35	60
vr	22-10			13:53		336	13:50		326	13:31		286	13:53		336	14:15		346	14:18		366	14:17		356
vr	22-10				20:33	65		20:16	65		19:39	25		20:39	75		20:40	65		20:52	65		20:44	65
za	23-10			02:09		339	02:06		329	1:47		289	02:09		339	02:31		349	02:34		369	02:33		359
za	23-10				08:48	60		08:31	60		7:55	20		08:54	70		08:55	60		09:07	60		08:59	60
za	23-10			14:25		336	14:22		326	14:03		286	14:25		336	14:47		346	14:50		366	14:49		356
za	23-10				20:57	68		20:40	68		20:11	28		21:03	78		21:04	68		21:16	68		21:08	68
zo	24-10			02:41		346	02:38		336	2:19		296	02:41		346	03:03		356	03:06		376	03:05		366
zo	24-10				09:14	70		08:57	70		8:29	30		09:20	80		09:21	70		09:33	70		09:25	70
zo	24-10			15:01		336	14:58		326	14:39		286	15:01		336	15:23		346	15:26		366	15:25		356
zo	24-10				21:28	77		21:11	77		20:47	37		21:34	87		21:35	77		21:47	77		21:39	77
ma	25-10			03:18		348	03:15		338	2:56		298	03:18		348	03:40		358	03:43		378	03:42		368
ma	25-10				09:47	80		09:30	80		9:06	40		09:53	90		09:54	80		10:06	80		09:58	80
ma	25-10			15:39		331	15:36		321	15:17		281	15:39		331	16:01		341	16:04		361	16:03		351
ma	25-10				22:01	97		21:44	97		21:25	57		22:07	107		22:08	97		22:20	97		22:12	97
di	26-10			03:55		345	03:52		335	3:33		295	03:55		345	04:17		355	04:20		375	04:19		365
di	26-10				10:23	100		10:06	100		9:44	60		10:29	110		10:30	100		10:42	100		10:34	100
di	26-10			16:17		321	16:14		311	15:55		271	16:17		321	16:39		331	16:42		351	16:41		341
di	26-10				22:32	120		22:15	120		22:03	80		22:38	130		22:39	120		22:51	120		22:43	120
wo	27-10			04:33		339	04:30		329	4:11		289	04:33		339	04:55		349	04:58		369	04:57		359
wo	27-10				11:01	120		10:44	120		10:23	80		11:07	130		11:08	120		11:20	120		11:12	120
wo	27-10			16:57		312	16:54		302	16:35		262	16:57		312	17:19		322	17:22		342	17:21		332
wo	27-10				23:04	140		22:47	140		22:43	100		23:10	150		23:11	140		23:23	140		23:15	140

getijden 2016				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	28-10	0:22	EK	05:14		335	05:11		325	4:52		285	05:14		335	05:36		345	05:39		365	05:38		355
do	28-10				11:48	130		11:31	130		11:07	90		11:54	140		11:55	130		12:07	130		11:59	130
do	28-10			17:44		306	17:41		296	17:22		256	17:44		306	18:06		316	18:09		336	18:08		326
do	28-10				23:56	151		23:39	151		23:40	110		00:02	160		00:03	150		00:15	150		00:07	150
vr	29-10			05:03		334	05:00		324	4:41		284	05:03		334		00:03	150		00:15	150		00:07	150
vr	29-10				11:45	137		11:28	137		10:59	97		11:51	147	05:25		344	05:28		364	05:27		354
vr	29-10			17:40		305	17:37		295	17:18		255	17:40		305		11:52	137		12:04	137		11:56	137
vr	29-10				00:02	149		23:45	149		23:30	109		00:08	159	18:02		315	18:05		335	18:04		325
za	30-10				00:02	149	06:01		327	5:42		287	06:04		337		00:09	149		00:21	149		00:13	149
za	30-10			06:04		337		12:32	129		12:03	89		12:55	139	06:26		347	06:29		367	06:28		357
za	30-10				12:49	129	18:44		301	18:25		261	18:47		311		12:56	129		13:08	129		13:00	129
za	30-10			18:47		311		00:52	0		0:39	96		01:15	146	19:09		321	19:12		341	19:11		331
zo	31-10				01:09	136		00:52	136		0:39	96		01:15	146		01:16	136		01:28	136		01:20	136
zo	31-10			07:16		343	07:13		333	6:54		293	07:16		343	07:38		353	07:41		373	07:40		363
zo	31-10				13:59	110		13:42	110		13:19	70		14:05	120		14:06	110		14:18	110		14:10	110
zo	31-10			20:06		321	20:03		311	19:44		271	20:06		321	20:28		331	20:31		351	20:30		341



getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog		
maand		fase		HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
dag	datum	tijd		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		
ma	1-11				02:22	116		02:05	116		1:58	76		02:28	126		02:29	116		02:41	116		02:33	116
ma	1-11			08:35		352	08:32		342	8:13		302	08:35		352	08:57		362	09:00		382	08:59		372
ma	1-11				15:18	86		15:01	86		14:33	46		15:24	96		15:25	86		15:37	86		15:29	86
ma	1-11			21:16		333	21:13		323	20:54		283	21:16		333	21:38		343	21:41		363	21:40		353
di	2-11				03:44	93		03:27	93		3:04	53		03:50	103		03:51	93		04:03	93		03:55	93
di	2-11			09:37		358	09:34		348	9:15		308	09:37		358	09:59		368	10:02		388	10:01		378
di	2-11				16:20	65		16:03	65		15:32	25		16:26	75		16:27	65		16:39	65		16:31	65
di	2-11			22:12		341	22:09		331	21:50		291	22:12		341	22:34		351	22:37		371	22:36		361
wo	3-11				04:43	73		04:26	73		3:58	33		04:49	83		04:50	73		05:02	73		04:54	73
wo	3-11			10:29		359	10:26		349	10:07		309	10:29		359	10:51		369	10:54		389	10:53		379
wo	3-11				17:11	53		16:54	53		16:22	13		17:17	63		17:18	53		17:30	53		17:22	53
wo	3-11			22:59		342	22:56		332	22:37		292	22:59		342	23:21		352	23:24		372	23:23		362
do	4-11				05:32	61		05:15	61		4:44	21		05:38	71		05:39	61		05:51	61		05:43	61
do	4-11	6:23 VM		11:14		357	11:11		347	10:52		307	11:14		357	11:36		367	11:39		387	11:38		377
do	4-11				17:56	47		17:39	47		17:06	7		18:02	57		18:03	47		18:15	47		18:07	47
do	4-11			23:42		341	23:39		331	23:20		291	23:42		341	00:04		351	00:07		371	00:06		361
vr	5-11				06:16	52		05:59	52		5:27	12		06:22	62		06:23	52		06:35	52		06:27	52
vr	5-11			11:57		355	11:54		345	11:35		305	11:57		355		06:23	52		06:35	52		06:27	52
vr	5-11				18:39	45		18:22	45		17:47	5		18:45	55		12:19	365		12:22	385		12:21	375
vr	5-11			00:21		342	00:18		332	23:59		292	00:21		342		18:46	45		18:58	45		18:50	45
za	6-11			00:21		342	00:18		332	23:59		292	00:21		342	00:43		352	00:46		372	00:45		362
za	6-11				06:58	44		06:41	44		18:08	4		07:04	54		07:05	44		07:17	44		07:09	44
za	6-11			12:40		354	12:37		344	12:18		304	12:40		354	13:02		364	13:05		384	13:04		374
za	6-11				19:20	43		19:03	43		18:28	3		19:26	53		19:27	43		19:39	43		19:31	43
zo	7-11			01:01		345	00:58		335	0:39		295	01:01		345	01:23		355	01:26		375	01:25		365
zo	7-11				07:39	37		07:22	37		6:50	-3		07:45	47		07:46	37		07:58	37		07:50	37
zo	7-11			13:24		351	13:21		341	13:02		301	13:24		351	13:46		361	13:49		381	13:48		371
zo	7-11				19:59	45		19:42	45		19:11	5		20:05	55		20:06	45		20:18	45		20:10	45
ma	8-11			01:43		346	01:40		336	1:21		296	01:43		346	02:05		356	02:08		376	02:07		366
ma	8-11				08:20	35		08:03	35		7:35	-5		08:26	45		08:27	35		08:39	35		08:31	35
ma	8-11			14:11		342	14:08		332	13:49		292	14:11		342	14:33		352	14:36		372	14:35		362
ma	8-11				20:38	52		20:21	52		19:57	12		20:44	62		20:45	52		20:57	52		20:49	52
di	9-11			02:28		342	02:25		332	2:06		292	02:28		342	02:50		352	02:53		372	02:52		362
di	9-11				09:02	41		08:45	41		8:23	1		09:08	51		09:09	41		09:21	41		09:13	41
di	9-11			15:02		325	14:59		315	14:40		275	15:02		325	15:24		335	15:27		355	15:26		345
di	9-11				21:18	66		21:01	66		20:47	26		21:24	76		21:25	66		21:37	66		21:29	66

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekerooog		
maand		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
				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		
wo	10-11			03:17		333	03:14		323	2:55		283	03:17		333	03:39		343	03:42		363	03:41		353
wo	10-11				09:51	55		09:34	55		9:16	15		09:57	65		09:58	55		10:10	55		10:02	55
wo	10-11			15:59		307	15:56		297	15:37		257	15:59		307	16:21		317	16:24		337	16:23		327
wo	10-11	21:36	LK		22:06	84		21:49	84		21:44	44		22:12	94		22:13	84		22:25	84		22:17	84
do	11-11			04:13		320	04:10		310	3:51		270	04:13		320	04:35		330	04:38		350	04:37		340
do	11-11				11:01	71		10:44	71		10:16	31		11:07	81		11:08	71		11:20	71		11:12	71
do	11-11			17:04		293	17:01		283	16:42		243	17:04		293	17:26		303	17:29		323	17:28		313
do	11-11				23:27	100		23:10	100		22:50	60		23:33	110		23:34	100		23:46	100		23:38	100
vr	12-11			05:21		313	05:18		303	4:59		263	05:21		313	05:43		323	05:46		343	05:45		333
vr	12-11				12:23	77		12:06	77		11:25	37		12:29	87		12:30	77		12:42	77		12:34	77
vr	12-11			18:13		291	18:10		281	17:51		241	18:13		291	18:35		301	18:38		321	18:37		311
vr	12-11				00:50	101		00:33	101		0:01	61		00:56	111		00:57	101		01:09	101		01:01	101
za	13-11				00:50	101		00:33	101		0:01	61		00:56	111		00:57	101		01:09	101		01:01	101
za	13-11			06:34		315	06:31		305	6:12		265	06:34		315	06:56		325	06:59		345	06:58		335
za	13-11				13:28	73		13:11	73		12:37	33		13:34	83		13:35	73		13:47	73		13:39	73
za	13-11			19:24		300	19:21		290	19:02		250	19:24		300	19:46		310	19:49		330	19:48		320
zo	14-11				01:54	92		01:37	92		1:12	52		02:00	102		02:01	92		02:13	92		02:05	92
zo	14-11			07:45		326	07:42		316	7:23		276	07:45		326	08:07		336	08:10		356	08:09		346
zo	14-11				14:31	67		14:14	67		13:47	27		14:37	77		14:38	67		14:50	67		14:42	67
zo	14-11			20:34		316	20:31		306	20:12		266	20:34		316	20:56		326	20:59		346	20:58		336
ma	15-11				03:01	81		02:44	81		2:21	41		03:07	91		03:08	81		03:20	81		03:12	81
ma	15-11			08:52		338	08:49		328	8:30		288	08:52		338	09:14		348	09:17		368	09:16		358
ma	15-11				15:43	58		15:26	58		14:51	18		15:49	68		15:50	58		16:02	58		15:54	58
ma	15-11			21:35		330	21:32		320	21:13		280	21:35		330	21:57		340	22:00		360	21:59		350
di	16-11				04:13	67		03:56	67		3:21	27		04:19	77		04:20	67		04:32	67		04:24	67
di	16-11			09:51		343	09:48		333	9:29		293	09:51		343	10:13		353	10:16		373	10:15		363
di	16-11				16:44	51		16:27	51		15:47	11		16:50	61		16:51	51		17:03	51		16:55	51
di	16-11			22:27		336	22:24		326	22:05		286	22:27		336	22:49		346	22:52		366	22:51		356
wo	17-11				05:08	57		04:51	57		4:12	17		05:14	67		05:15	57		05:27	57		05:19	57
wo	17-11			10:42		339	10:39		329	10:20		289	10:42		339	11:04		349	11:07		369	11:06		359
wo	17-11				17:30	51		17:13	51		16:34	11		17:36	61		17:37	51		17:49	51		17:41	51
wo	17-11			23:11		334	23:08		324	22:49		284	23:11		334	23:33		344	23:36		364	23:35		354
do	18-11				05:52	55		05:35	55		4:55	15		05:58	65		05:59	55		06:11	55		06:03	55
do	18-11			11:24		330	11:21		320	11:02		280	11:24		330	11:46		340	11:49		360	11:48		350
do	18-11	12:42	NM		18:08	58		17:51	58		17:12	18		18:14	68		18:15	58		18:27	58		18:19	58
do	18-11			23:45		331	23:42		321	23:23		281	23:45		331	00:07		341	00:10		361	00:09		351

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maand		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
				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		
vr	19-11				06:29	59		06:12	59		5:30	19		06:35	69	00:07		341	00:10		361	00:09		351
vr	19-11			11:59		323	11:56		313	11:37		273	11:59		323		06:36	59		06:48	59		06:40	59
vr	19-11				18:39	63		18:22	63		17:43	23		18:45	73	12:21		333	12:24		353	12:23		343
vr	19-11			00:12		333	00:09		0	23:50		283	00:12		333		18:46	63		18:58	63		18:50	63
za	20-11			00:12		333	00:09		323	23:50		283	00:12		333	00:34		343	00:37		363	00:36		353
za	20-11				06:59	62		06:42	62		17:59	22		07:05	72		07:06	62		07:18	62		07:10	62
za	20-11			12:30		324	12:27		314	12:08		274	12:30		324	12:52		334	12:55		354	12:54		344
za	20-11				19:04	65		18:47	65		18:13	25		19:10	75		19:11	65		19:23	65		19:15	65
zo	21-11			00:41		342	00:38		332	0:19		292	00:41		342	01:03		352	01:06		372	01:05		362
zo	21-11				07:24	64		07:07	64		6:30	24		07:30	74		07:31	64		07:43	64		07:35	64
zo	21-11			13:03		330	13:00		320	12:41		280	13:03		330	13:25		340	13:28		360	13:27		350
zo	21-11				19:32	69		19:15	69		18:47	29		19:38	79		19:39	69		19:51	69		19:43	69
ma	22-11			01:16		352	01:13		342	0:54		302	01:16		352	01:38		362	01:41		382	01:40		372
ma	22-11				07:54	69		07:37	69		7:06	29		08:00	79		08:01	69		08:13	69		08:05	69
ma	22-11			13:41		333	13:38		323	13:19		283	13:41		333	14:03		343	14:06		363	14:05		353
ma	22-11				20:05	81		19:48	81		19:25	41		20:11	91		20:12	81		20:24	81		20:16	81
di	23-11			01:54		355	01:51		345	1:32		305	01:54		355	02:16		365	02:19		385	02:18		375
di	23-11				08:28	81		08:11	81		7:44	41		08:34	91		08:35	81		08:47	81		08:39	81
di	23-11			14:19		330	14:16		320	13:57		280	14:19		330	14:41		340	14:44		360	14:43		350
di	23-11				20:39	100		20:22	100		20:02	60		20:45	110		20:46	100		20:58	100		20:50	100
wo	24-11			02:30		352	02:27		342	2:08		302	02:30		352	02:52		362	02:55		382	02:54		372
wo	24-11				09:04	98		08:47	98		8:20	58		09:10	108		09:11	98		09:23	98		09:15	98
wo	24-11			14:55		320	14:52		310	14:33		270	14:55		320	15:17		330	15:20		350	15:19		340
wo	24-11				21:10	120		20:53	120		20:37	80		21:16	130		21:17	120		21:29	120		21:21	120
do	25-11			03:04		346	03:01		336	2:42		296	03:04		346	03:26		356	03:29		376	03:28		366
do	25-11				09:40	112		09:23	112		8:55	72		09:46	122		09:47	112		09:59	112		09:51	112
do	25-11			15:31		311	15:28		301	15:09		261	15:31		311	15:53		321	15:56		341	15:55		331
do	25-11				21:39	132		21:22	132		21:13	92		21:45	142		21:46	132		21:58	132		21:50	132
vr	26-11			03:40		342	03:37		332	3:18		292	03:40		342	04:02		352	04:05		372	04:04		362
vr	26-11				10:21	118		10:04	118		9:34	78		10:27	128		10:28	118		10:40	118		10:32	118
vr	26-11	18:03 EK		16:13		306	16:10		296	15:51		256	16:13		306	16:35		316	16:38		336	16:37		326
vr	26-11				22:23	134		22:06	134		21:57	94		22:29	144		22:30	134		22:42	134		22:34	134
za	27-11			04:26		341	04:23		331	4:04		291	04:26		341	04:48		351	04:51		371	04:50		361
za	27-11				11:11	115		10:54	115		10:22	75		11:17	125		11:18	115		11:30	115		11:22	115
za	27-11			17:03		306	17:00		296	16:41		256	17:03		306	17:25		316	17:28		336	17:27		326
za	27-11				23:25	129		23:08	129		22:49	89		23:31	139		23:32	129		23:44	129		23:36	129

getijden 2016				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
zo	28-11			05:20		341	05:17		331	4:58		291	05:20		341	05:42		351	05:45		371	05:44		361
zo	28-11				12:09	105		11:52	105		11:19	65		12:15	115		12:16	105		12:28	105		12:20	105
zo	28-11			18:02		310	17:59		300	17:40		260	18:02		310	18:24		320	18:27		340	18:26		330
zo	28-11				00:28	117		00:11	117		23:50	77		00:34	127		00:35	117		00:47	117		00:39	117
ma	29-11				00:28	117		00:11	117		23:50	77		00:34	127		00:35	117		00:47	117		00:39	117
ma	29-11			06:22		341	06:19		331	6:00		291	06:22		341	06:44		351	06:47		371	06:46		361
ma	29-11				13:12	92		12:55	92		12:24	52		13:18	102		13:19	92		13:31	92		13:23	92
ma	29-11			19:11		316	19:08		306	18:49		266	19:11		316	19:33		326	19:36		346	19:35		336
di	30-11				01:34	104		01:17	104		1:00	64		01:40	114		01:41	104		01:53	104		01:45	104
di	30-11			07:34		341	07:31		331	7:12		291	07:34		341	07:56		351	07:59		371	07:58		361
di	30-11				14:22	78		14:05	78		13:39	38		14:28	88		14:29	78		14:41	78		14:33	78
di	30-11			20:29		323	20:26		313	20:07		273	20:29		323	20:51		333	20:54		353	20:53		343

getijden 2016				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			
wo	1-12				02:50	90		02:33	90		2:18	50		02:56	100		02:57	90		03:09	90		03:01	90
wo	1-12			08:51		343	08:48		333	8:29		293	08:51		343	09:13		353	09:16		373	09:15		363
wo	1-12				15:34	64		15:17	64		14:50	24		15:40	74		15:41	64		15:53	64		15:45	64
wo	1-12			21:34		331	21:31		321	21:12		281	21:34		331	21:56		341	21:59		361	21:58		351
do	2-12				04:04	74		03:47	74		3:22	34		04:10	84		04:11	74		04:23	74		04:15	74
do	2-12			09:54		344	09:51		334	9:32		294	09:54		344	10:16		354	10:19		374	10:18		364
do	2-12				16:34	54		16:17	54		15:49	14		16:40	64		16:41	54		16:53	54		16:45	54
do	2-12			22:28		335	22:25		325	22:06		285	22:28		335	22:50		345	22:53		365	22:52		355
vr	3-12				05:01	60		04:44	60		4:15	20		05:07	70		05:08	60		05:20	60		05:12	60
vr	3-12			10:47		344	10:44		334	10:25		294	10:47		344	11:09		354	11:12		374	11:11		364
vr	3-12	16:47 VM			17:26	47		17:09	47		16:39	7		17:32	57		17:33	47		17:45	47		17:37	47
vr	3-12			23:15		336	23:12		326	22:53		286	23:15		336	23:37		346	23:40		366	23:39		356
za	4-12				05:52	47		05:35	47		5:03	7		05:58	57		05:59	47		06:11	47		06:03	47
za	4-12			11:36		343	11:33		333	11:14		293	11:36		343	11:58		353	12:01		373	12:00		363
za	4-12				18:15	43		17:58	43		17:25	3		18:21	53		18:22	43		18:34	43		18:26	43
za	4-12			23:59		339	23:56		329	23:37		289	23:59		339	00:21		0	00:24		369	00:23		359
zo	5-12				06:40	36		06:23	36		5:50	-4		06:46	46		00:21	349		00:24	369		00:23	359
zo	5-12			12:25		342	12:22		332	12:03		292	12:25		342		06:47	36		06:59	36		06:51	36
zo	5-12				19:01	40		18:44	40		6:12	0		19:07	50		12:47	352		12:50	372		12:49	362
zo	5-12			00:43		343	00:40		333	0:21		293	00:43		343		19:08	40		19:20	40		19:12	40
ma	6-12			00:43		343	00:40		333	0:21		293	00:43		343	01:05		353	01:08		373	01:07		363
ma	6-12				07:28	27		07:11	27		6:36	-13		07:34	37		07:35	27		07:47	27		07:39	27
ma	6-12			13:13		337	13:10		327	12:51		287	13:13		337	13:35		347	13:38		367	13:37		357
ma	6-12				19:46	40		19:29	40		18:58	0		19:52	50		19:53	40		20:05	40		19:57	40
di	7-12			01:28		344	01:25		334	1:06		294	01:28		344	01:50		354	01:53		374	01:52		364
di	7-12				08:15	25		07:58	25		7:23	-15		08:21	35		08:22	25		08:34	25		08:26	25
di	7-12			14:03		329	14:00		319	13:41		279	14:03		329	14:25		339	14:28		359	14:27		349
di	7-12				20:31	47		20:14	47		19:47	7		20:37	57		20:38	47		20:50	47		20:42	47
wo	8-12			02:16		341	02:13		331	1:54		291	02:16		341	02:38		351	02:41		371	02:40		361
wo	8-12				09:04	32		08:47	32		8:13	-8		09:10	42		09:11	32		09:23	32		09:15	32
wo	8-12			14:55		316	14:52		306	14:33		266	14:55		316	15:17		326	15:20		346	15:19		336
wo	8-12				21:17	59		21:00	59		20:38	19		21:23	69		21:24	59		21:36	59		21:28	59
do	9-12			03:06		334	03:03		324	2:44		284	03:06		334	03:28		344	03:31		364	03:30		354
do	9-12				09:57	45		09:40	45		9:05	5		10:03	55		10:04	45		10:16	45		10:08	45
do	9-12			15:48		303	15:45		293	15:26		253	15:48		303	16:10		313	16:13		333	16:12		323
do	9-12				22:09	74		21:52	74		21:32	34		22:15	84		22:16	74		22:28	74		22:20	74

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maand		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
				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														
vr	10-12			04:00		325	03:57		315	3:38		275	04:00		325	04:22		335	04:25		355	04:24		345
vr	10-12	8:51	LK		10:56	59		10:39	59		10:00	19		11:02	69		11:03	59		11:15	59		11:07	59
vr	10-12			16:45		294	16:42		284	16:23		244	16:45		294	17:07		304	17:10		324	17:09		314
vr	10-12				23:13	86		22:56	86		22:30	46		23:19	96		23:20	86		23:32	86		23:24	86
za	11-12			04:59		319	04:56		309	4:37		269	04:59		319	05:21		329	05:24		349	05:23		339
za	11-12				11:56	67		11:39	67		10:59	27		12:02	77		12:03	67		12:15	67		12:07	67
za	11-12			17:44		291	17:41		281	17:22		241	17:44		291	18:06		301	18:09		321	18:08		311
za	11-12				00:17	90		00:00	90		23:31	50		00:23	100		00:24	90		00:36	90		00:28	90
zo	12-12				00:17	90		00:00	90		23:31	50		00:23	100		00:24	90		00:36	90		00:28	90
zo	12-12			06:02		317	05:59		307	5:40		267	06:02		317	06:24		327	06:27		347	06:26		337
zo	12-12				12:53	69		12:36	69		12:01	29		12:59	79		13:00	69		13:12	69		13:04	69
zo	12-12			18:45		295	18:42		285	18:23		245	18:45		295	19:07		305	19:10		325	19:09		315
ma	13-12				01:18	86		01:01	86		0:34	46		01:24	96		01:25	86		01:37	86		01:29	86
ma	13-12			07:07		318	07:04		308	6:45		268	07:07		318	07:29		328	07:32		348	07:31		338
ma	13-12				13:50	66		13:33	66		13:07	26		13:56	76		13:57	66		14:09	66		14:01	66
ma	13-12			19:52		303	19:49		293	19:30		253	19:52		303	20:14		313	20:17		333	20:16		323
di	14-12				02:20	78		02:03	78		1:41	38		02:26	88		02:27	78		02:39	78		02:31	78
di	14-12			08:15		319	08:12		309	7:53		269	08:15		319	08:37		329	08:40		349	08:39		339
di	14-12				14:53	62		14:36	62		14:15	22		14:59	72		15:00	62		15:12	62		15:04	62
di	14-12			21:00		312	20:57		302	20:38		262	21:00		312	21:22		322	21:25		342	21:24		332
wo	15-12				03:34	69		03:17	69		2:48	29		03:40	79		03:41	69		03:53	69		03:45	69
wo	15-12			09:21		319	09:18		309	8:59		269	09:21		319	09:43		329	09:46		349	09:45		339
wo	15-12				16:06	57		15:49	57		15:16	17		16:12	67		16:13	57		16:25	57		16:17	57
wo	15-12			21:56		318	21:53		308	21:34		268	21:56		318	22:18		328	22:21		348	22:20		338
do	16-12				04:40	58		04:23	58		3:44	18		04:46	68		04:47	58		04:59	58		04:51	58
do	16-12			10:17		315	10:14		305	9:55		265	10:17		315	10:39		325	10:42		345	10:41		335
do	16-12				17:00	56		16:43	56		16:07	16		17:06	66		17:07	56		17:19	56		17:11	56
do	16-12			22:42		320	22:39		310	22:20		270	22:42		320	23:04		330	23:07		350	23:06		340
vr	17-12				05:27	54		05:10	54		4:30	14		05:33	64		05:34	54		05:46	54		05:38	54
vr	17-12			11:03		310	11:00		300	10:41		260	11:03		310	11:25		320	11:28		340	11:27		330
vr	17-12				17:39	59		17:22	59		16:48	19		17:45	69		17:46	59		17:58	59		17:50	59
vr	17-12			23:18		321	23:15		311	22:56		271	23:18		321	23:40		331	23:43		351	23:42		341
za	18-12				06:05	57		05:48	57		5:06	17		06:11	67		06:12	57		06:24	57		06:16	57
za	18-12	7:30	NM	11:39		309	11:36		299	11:17		259	11:39		309	12:01		319	12:04		339	12:03		329
za	18-12				18:12	63		17:55	63		17:21	23		18:18	73		18:19	63		18:31	63		18:23	63
za	18-12			23:47		329	23:44		319	23:25		279	23:47		329	00:09		339	00:12		359	00:11		349

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
maand		dag	datum	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm	HW	lw	cm
				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		
		tijd	fase																					
zo	19-12				06:36	60		06:19	60		5:37	20		06:42	70	00:09		339	00:12		359	00:11		349
zo	19-12			12:11		315	12:08		305	11:49		265	12:11		315		06:43	60		06:55	60		06:47	60
zo	19-12				18:42	65		18:25	65		17:53	25		18:48	75	12:33		325	12:36		345	12:35		335
zo	19-12			00:19		341	00:16		331	23:57		291	00:19		341		18:49	65		19:01	65		18:53	65
ma	20-12			00:19		341	00:16		331	23:57		291	00:19		341	00:41		351	00:44		371	00:43		361
ma	20-12				07:06	62		06:49	62		18:10	22		07:12	72		07:13	62		07:25	62		07:17	62
ma	20-12			12:45		324	12:42		314	12:23		274	12:45		324	13:07		334	13:10		354	13:09		344
ma	20-12				19:14	68		18:57	68		18:28	28		19:20	78		19:21	68		19:33	68		19:25	68
di	21-12			00:56		352	00:53		342	0:34		302	00:56		352	01:18		362	01:21		382	01:20		372
di	21-12				07:38	65		07:21	65		6:47	25		07:44	75		07:45	65		07:57	65		07:49	65
di	21-12			13:23		329	13:20		319	13:01		279	13:23		329	13:45		339	13:48		359	13:47		349
di	21-12				19:48	76		19:31	76		19:06	36		19:54	86		19:55	76		20:07	76		19:59	76
wo	22-12			01:34		355	01:31		345	1:12		305	01:34		355	01:56		365	01:59		385	01:58		375
wo	22-12				08:13	72		07:56	72		7:25	32		08:19	82		08:20	72		08:32	72		08:24	72
wo	22-12			14:00		326	13:57		316	13:38		276	14:00		326	14:22		336	14:25		356	14:24		346
wo	22-12				20:22	88		20:05	88		19:42	48		20:28	98		20:29	88		20:41	88		20:33	88
do	23-12			02:09		351	02:06		341	1:47		301	02:09		351	02:31		361	02:34		381	02:33		371
do	23-12				08:47	82		08:30	82		8:00	42		08:53	92		08:54	82		09:06	82		08:58	82
do	23-12			14:35		317	14:32		307	14:13		267	14:35		317	14:57		327	15:00		347	14:59		337
do	23-12				20:53	100		20:36	100		20:15	60		20:59	110		21:00	100		21:12	100		21:04	100
vr	24-12			02:40		344	02:37		334	2:18		294	02:40		344	03:02		354	03:05		374	03:04		364
vr	24-12				09:21	89		09:04	89		8:31	49		09:27	99		09:28	89		09:40	89		09:32	89
vr	24-12			15:07		308	15:04		298	14:45		258	15:07		308	15:29		318	15:32		338	15:31		328
vr	24-12				21:23	104		21:06	104		20:48	64		21:29	114		21:30	104		21:42	104		21:34	104
za	25-12			03:14		341	03:11		331	2:52		291	03:14		341	03:36		351	03:39		371	03:38		361
za	25-12				09:57	90		09:40	90		9:07	50		10:03	100		10:04	90		10:16	90		10:08	90
za	25-12			15:45		304	15:42		294	15:23		254	15:45		304	16:07		314	16:10		334	16:09		324
za	25-12				22:02	102		21:45	102		21:28	62		22:08	112		22:09	102		22:21	102		22:13	102
zo	26-12			03:56		339	03:53		329	3:34		289	03:56		339	04:18		349	04:21		369	04:20		359
zo	26-12				10:40	85		10:23	85		9:51	45		10:46	95		10:47	85		10:59	85		10:51	85
zo	26-12			16:30		304	16:27		294	16:08		254	16:30		304	16:52		314	16:55		334	16:54		324
zo	26-12				22:52	97		22:35	97		22:16	57		22:58	107		22:59	97		23:11	97		23:03	97
ma	27-12			04:46		338	04:43		328	4:24		288	04:46		338	05:08		348	05:11		368	05:10		358
ma	27-12	10:20	EK		11:32	80		11:15	80		10:42	40		11:38	90		11:39	80		11:51	80		11:43	80
ma	27-12			17:23		306	17:20		296	17:01		256	17:23		306	17:45		316	17:48		336	17:47		326
ma	27-12				23:50	92		23:33	92		23:10	52		23:56	102		23:57	92		00:09	92		00:01	92

getijden 2016				Norddeich, Westerriede			Norderney, Riffgat			Neßmersiel			Baltrum, Westende			Langeoog			Neuharlingersiel			Spiekeroog		
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
			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		
di	28-12			05:42		334	05:39		324	5:20		284	05:42		334	06:04		344		00:09	92		00:01	92
di	28-12				12:30	76		12:13	76		11:40	36		12:36	86		12:37	76	06:07		364	06:06		354
di	28-12			18:23		306	18:20		296	18:01		256	18:23		306	18:45		316		12:49	76		12:41	76
di	28-12				00:53	89		00:36	89		0:12	49		00:59	99		01:00	89	18:48		336	18:47		326
wo	29-12				00:53	89		00:36	89		0:12	49		00:59	99		01:00	89		01:12	89		01:04	89
wo	29-12			06:45		328	06:42		318	6:23		278	06:45		328	07:07		338	07:10		358	07:09		348
wo	29-12				13:37	73		13:20	73		12:48	33		13:43	83		13:44	73		13:56	73		13:48	73
wo	29-12			19:36		307	19:33		297	19:14		257	19:36		307	19:58		317	20:01		337	20:00		327
do	30-12				02:05	84		01:48	84		1:27	44		02:11	94		02:12	84		02:24	84		02:16	84
do	30-12			08:02		324	07:59		314	7:40		274	08:02		324	08:24		334	08:27		354	08:26		344
do	30-12				14:51	66		14:34	66		14:06	26		14:57	76		14:58	66		15:10	66		15:02	66
do	30-12			20:55		312	20:52		302	20:33		262	20:55		312	21:17		322	21:20		342	21:19		332
vr	31-12				03:26	72		03:09	72		2:46	32		03:32	82		03:33	72		03:45	72		03:37	72
vr	31-12			09:21		325	09:18		315	8:59		275	09:21		325	09:43		335	09:46		355	09:45		345
vr	31-12				16:01	56		15:44	56		15:17	16		16:07	66		16:08	56		16:20	56		16:12	56
vr	31-12			21:58		319	21:55		309	21:36	18:30	269	21:58		319	22:20		329	22:23		349	22:22		339