

Harlingen

Hoog- en laagwaterstanden en -tijdstippen

Januari 2011											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 za	1:06 6:05 13:46 18:34		-81 99 -76 90	11 di	1:05 8:35 12:45 20:36	111 82	-77 -93	21 vr	5:46 10:44 17:56 23:07		-98 92 -95 128
2 zo	2:21 7:26 14:56 19:50		-84 98 -80 104	12 wo EK 12:31	1:36 9:05 13:24 21:16	106 84	-77 -91	22 za	6:32 11:35 18:41 23:46		-102 91 -101 133
3 ma	3:36 8:36 15:56 20:55		-89 98 -85 116	13 do	2:10 9:40 14:15 21:56	104 85	-77 -86	23 zo	7:15 12:20 19:22		-104 89 -107
4 di NM 10:03	4:30 9:14 16:46 21:46		-93 96 -87 124	14 vr	2:54 10:36 15:25 22:56	100 83	-74 -79	24 ma	0:30 7:58 13:06 20:05	134	-104 84 -110
5 wo	5:22 10:10 17:26 22:26		-92 93 -88 129	15 za	4:05 11:41 16:34	96 82	-71	25 di	1:16 8:36 13:46 20:46	128	-99 78 -109
6 do	6:02 10:45 18:06 22:54		-88 89 -91 130	16 zo	0:16 5:15 13:06 17:54		-73 92 -73 86	26 wo LK 13:57	2:07 9:19 13:45 21:31	117	-93 74 -104
7 vr	6:38 11:04 18:37 23:35		-85 87 -95 130	17 ma	1:46 6:34 14:26 19:24		-77 91 -81 96	27 do	2:25 9:56 14:14 22:19	105	-85 75 -96
8 za	7:05 11:46 19:06		-83 87 -98	18 di	2:56 8:10 15:20 20:34		-86 93 -88 106	28 vr	3:14 10:46 15:14 23:16	94	-78 75 -87
9 zo	0:05 7:41 12:04 19:36	126	-82 85 -98	19 wo VM 22:21	3:55 9:05 16:16 21:24		-92 94 -90 114	29 za	4:15 11:51 17:05	84	-73 78
10 ma	0:46 8:06 12:34 20:09	118	-79 83 -96	20 do	4:56 10:16 17:12 22:05		-96 94 -92 121	30 zo	0:30 5:35 13:16 18:05		-82 79 -74 88
								31 ma	2:06 6:55 14:35 19:24		-86 80 -84 102

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Hoog- en laagwaterstanden en -tijdstippen

Februari 2011											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 di	3:20 8:15 15:41 20:40		-98 84 -96 115	11 vr EK 8:18	1:25 9:06 13:35 21:14	99 -90 93 -97		21 ma	6:59 12:06 19:08		-115 89 -123
2 wo	4:18 9:15 16:31 21:30		-105 86 -101 122	12 za	2:04 9:34 14:36 22:16	95 -87 90 -90		22 di	0:16 7:36 12:40 19:48	129 -113 89 -126	
3 do NM 3:31	5:06 9:55 17:10 22:16		-101 84 -100 123	13 zo	3:20 10:34 15:50 23:15	87 -80 84 -81		23 wo	1:00 8:15 13:04 20:31	122 -108 86 -122	
4 vr	5:46 10:24 17:49 22:46		-94 83 -100 124	14 ma	4:46 12:05 17:14	78 -74 83		24 do	1:40 8:51 13:35 21:06	109 -100 84 -113	
5 za	6:15 10:44 18:15 23:21		-89 85 -103 124	15 di	1:00 6:04 13:46 18:54	-82 76 -80 92		25 vr LK 0:26	2:15 9:26 13:54 21:50	93 -92 83 -102	
6 zo	6:46 11:26 18:46 23:56		-90 90 -107 121	16 wo	2:30 7:54 14:56 20:26	-94 82 -91 104		26 za	2:45 9:54 14:44 22:46	78 -84 80 -90	
7 ma	7:16 11:44 19:17		-92 91 -108	17 do	3:45 8:55 15:55 21:15	-104 87 -98 114		27 zo	4:04 11:05 16:24 23:55	66 -77 79 -83	
8 di	0:20 7:41 12:26 19:40	115	-92 89 -106	18 vr VM 9:35	4:41 10:00 16:52 21:54	-109 89 -103 120		28 ma	5:14 12:35 18:06	61 -76 87	
9 wo	0:45 8:00 12:46 20:11	106	-90 87 -103	19 za	5:30 10:46 17:41 22:45	-112 88 -108 126					
10 do	0:54 8:36 12:55 20:40	100	-89 90 -101	20 zo	6:16 11:26 18:25 23:30	-113 88 -117 130					

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Hoog- en laagwaterstanden en -tijdstippen

Maart 2011											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 di	1:46 6:54 14:11 19:20		-90	11 vr	0:40 7:56 12:35 20:16	90	-100	21 ma	5:50 10:54 18:06 23:10		-117
2 wo	3:06 8:20 15:15 20:25	66	-106	12 za	0:45 8:31 13:05 20:56	86	-101	22 di	6:36 11:46 18:52 23:55	87	-124
3 do	3:58 9:10 16:06 21:05	100	-115	13 zo	1:35 9:16 13:55 21:46	83	-98	23 wo	7:12 12:16 19:30	91	-131
4 vr	4:46 9:45 16:45 21:50	80	-110	14 ma	2:34 10:11 15:10 22:56	72	-90	24 do	0:46 7:49 12:50 20:11	95	-133
5 za	5:15 9:54 17:26 22:15	115	-109	15 di	4:16 11:26 16:44	85	-90	25 vr	1:15 8:26 13:15 20:46	109	-113
6 zo	5:46 10:30 17:52 22:45	80	-100	16 wo	0:36 5:55 13:06 18:15	61	-81	26 za	1:44 8:56 13:44 21:25	96	-128
7 ma	6:16 11:06 18:26 23:26	113	-106	17 do	2:06 7:25 14:31 19:44	62	-84	27 zo	3:25 10:30 15:35 23:15	95	-106
8 di	6:41 11:24 18:51 23:55	82	-98	18 vr	3:19 8:46 15:29 20:50	72	-103	28 ma	4:37 11:14 16:54	78	-100
9 wo	7:06 12:06 19:16	86	-108	19 za	4:16 9:36 16:25 21:40	62	-84	29 di	0:30 5:54 12:44 18:35	91	-105
10 do	0:26 7:30 12:26 19:46	113	-112	20 zo	5:06 10:25 17:19 22:25	90	-97	30 wo	2:15 7:15 14:30 19:44	63	-94
		93	-112	21 ma		72	-97	31 do	3:25 8:35 15:40 21:01	85	-117
		98	-101	22 di		72	-103			51	-86
		89	-108	23 wo		81	-106			81	-87
				24 do		84	-118			49	-82
				25 vr		118	-111			86	-87
				26 za							
				27 zo							
				28 ma							
				29 di							
				30 wo							
				31 do							

Referentievlak: NAP
LLWS = NAP-118 cm; LAT = NAP-134 cm

Nederlandse tijd
Cursief gedrukte tijdstippen zijn in ZOMERTIJD

Harlingen

Hoog- en laagwaterstanden en -tijdstippen

April 2011											
datum	uu:mm	HW	LW	datum	uu:mm	HW	LW	datum	uu:mm	HW	LW
		cm	NAP			cm	NAP			cm	NAP
1 vr	4:27 9:34 16:35 21:45		-115 74 -114 106	11 ma <i>EK 14:05</i>	2:04 9:50 14:34 22:36	65 -104 90 -102		21 do	0:36 7:46 12:56 20:10	103 -115 103 -131	
2 za	5:08 10:10 17:19 22:25		-113 78 -112 104	12 di	3:15 10:45 15:50 23:40	56 -97 86 -97		22 vr	1:15 8:20 13:15 20:50	94 -115 105 -126	
3 zo <i>NM 16:32</i>	5:46 10:34 17:52 22:55		-105 81 -108 102	13 wo	4:50 12:05 17:25	47 -90 85		23 za	1:55 8:57 14:06 21:30	81 -111 103 -116	
4 ma	6:10 11:16 18:26 23:25		-102 87 -108 102	14 do	1:16 6:50 13:25 18:44	-99 52 -92 92		24 zo	2:24 9:26 14:25 22:16	66 -107 98 -105	
5 di	6:46 11:40 18:56 23:55		-105 94 -113 102	15 vr	2:36 8:10 14:44 20:15	-111 65 -102 103		25 ma <i>LK 4:47</i>	3:10 10:11 15:24 22:44	53 -103 91 -96	
6 wo	7:11 12:16 19:25		-110 97 -116	16 za	3:46 9:16 16:06 21:20	-119 74 -110 110		26 di	4:10 10:56 16:34 23:55	44 -97 85 -91	
7 do	0:25 7:41 12:46 19:56		98 -111 96 -114	17 zo	4:46 10:06 17:06 22:16	-120 80 -114 112		27 wo	5:36 11:54 18:00	43 -91 85	
8 vr	1:06 8:06 13:10 20:29		89 -108 92 -111	18 ma <i>VM 4:44</i>	5:35 10:50 17:56 23:06	-117 85 -119 111		28 do	1:15 6:46 13:25 19:16	-93 50 -93 89	
9 za	1:30 8:36 13:24 20:56		79 -107 89 -108	19 di	6:22 11:23 18:42 23:50	-115 90 -125 109		29 vr	2:30 7:35 14:55 20:10	-102 60 -102 94	
10 zo	1:50 9:06 13:55 21:45		71 -107 91 -106	20 wo	7:08 12:16 19:28	-115 97 -130		30 za	3:36 8:34 15:50 20:54	-109 70 -108 95	

Referentievlak: NAP

LLWS = NAP-118 cm; LAT = NAP-134 cm

Nederlandse tijd

Cursief gedrukte tijdstippen zijn in ZOMERTIJD

Harlingen

Hoog- en laagwaterstanden en -tijdstippen

Mei 2011											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 zo	4:15 9:30 16:41 21:56	78 94	-111 -108	11 wo	3:07 10:36 15:44 23:25	44 89	-102 -102	21 za	1:05 8:01 13:06 20:39	81 114	-115 -120
2 ma	5:01 10:04 17:16 22:25	83 93	-109 -106	12 do	4:44 11:46 16:54	42 90	-99	22 zo	1:24 8:39 13:45 21:17	71 111	-115 -112
3 di <i>NM 8:51</i>	5:35 10:45 17:52 23:06	89 92	-108 -107	13 vr	0:56 6:20 12:54 18:25	48 96	-105 -100	23 ma	2:05 9:16 14:20 21:56	61 105	-112 -104
4 wo	6:16 11:26 18:31 23:30	94 92	-109 -110	14 za	1:54 7:36 14:21 19:25	59 101	-112 -106	24 di <i>LK 20:52</i>	2:46 9:46 15:00 22:36	52 97	-109 -98
5 do	6:40 11:44 19:07	98	-112 -112	15 zo	3:11 8:24 15:30 20:34	70 104	-116 -110	25 wo	3:15 10:25 15:54 23:15	46 89	-105 -94
6 vr	0:05 7:16 12:20 19:41	89 100	-112 -112	16 ma	4:10 9:35 16:37 21:35	80 104	-115 -112	26 do	4:34 11:20 16:54	45 84	-100
7 za	0:35 7:46 13:00 20:16	82 98	-110 -109	17 di <i>VM 13:09</i>	5:06 10:25 17:36 22:46	89 101	-111 -115	27 vr	0:15 5:35 12:14 17:55	49 83	-93 -94
8 zo	1:14 8:16 13:36 20:45	71 94	-109 -107	18 wo	5:56 11:06 18:26 23:30	98 97	-109 -119	28 za	1:26 6:34 13:34 19:04	58 85	-96 -93
9 ma	1:55 8:50 13:54 21:30	60 91	-109 -106	19 do	6:46 11:45 19:16	106	-110 -122	29 zo	2:36 7:34 14:56 19:55	68 86	-102 -97
10 di <i>EK 22:33</i>	2:24 9:41 14:45 22:20	51 90	-107 -104	20 vr	0:16 7:22 12:31 19:56	90 112	-113 -123	30 ma	3:25 8:45 15:56 20:54	78 87	-107 -100
								31 di	4:15 9:41 16:40 21:44	86 87	-109 -102

Referentievlak: NAP

LLWS = NAP-118 cm; LAT = NAP-134 cm

Nederlandse tijd

Cursief gedrukte tijdstippen zijn in ZOMERTIJD

Harlingen

Hoog- en laagwaterstanden en -tijdstippen

Juni 2011											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 wo <i>NM 23:03</i>	5:06 10:14 17:25 22:24	91	-109 -103	11 za	0:14 5:34 12:38 17:50	50	-104 -104	21 di	1:40 8:56 13:55 21:30	64	-115 -102
2 do	5:40 11:06 18:11 23:04	96	-109 -105	12 zo	1:31 6:40 13:45 18:54	60	-106 -104	22 wo	2:05 9:36 14:34 22:05	59	-112 -97
3 vr	6:26 11:35 18:51 23:44	101	-108 -107	13 ma	2:36 7:56 15:06 20:16	72	-106 -105	23 do <i>LK 13:48</i>	2:35 10:05 15:04 22:46	56	-108 -93
4 za	6:56 12:15 19:36	105	-108 -107	14 di	3:40 8:56 16:16 21:05	85	-106 -107	24 vr	3:15 10:40 15:45 23:25	55	-103 -91
5 zo	0:35 7:30 12:45 20:11	79	-108 -107	15 wo <i>VM 22:13</i>	4:46 9:56 17:21 22:26	97	-105 -110	25 za	4:04 11:25 16:50	56	-96
6 ma	1:26 8:11 13:36 20:51	71	-108 -106	16 do	5:36 10:46 18:12 23:05	107	-105 -113	26 zo	0:15 5:36 12:25 17:44	60	-89 -89
7 di	2:05 8:45 14:15 21:36	61	-108 -105	17 vr	6:26 11:36 19:00	114	-106 -114	27 ma	1:25 6:35 13:50 18:54	67	-90 -86
8 wo	2:45 9:36 14:54 22:20	51	-108 -105	18 za	0:06 7:09 12:10 19:46	81	-110 -113	28 di	2:46 7:44 15:06 20:15	77	-95 -90
9 do <i>EK 4:11</i>	3:27 10:25 15:44 23:15	45	-107 -104	19 zo	0:24 7:47 12:50 20:26	74	-113 -111	29 wo	3:46 8:54 16:06 21:05	87	-101 -95
10 vr	4:30 11:25 16:44	45	-105	20 ma	1:10 8:20 13:36 20:56	69	-116 -107	30 do	4:36 9:55 17:00 22:04	95	-104 -99

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Hoog- en laagwaterstanden en -tijdstippen

Juli 2011											
datum	uu:mm	HW	LW	datum	uu:mm	HW	LW	datum	uu:mm	HW	LW
		cm	NAP			cm	NAP			cm	NAP
1 vr <i>NM 10:54</i>	5:21 10:34 17:56 22:54		-104	11 ma	0:56 6:00 13:20 18:35		-93	21 do	1:35 9:06 14:15 21:30	72	-110
		100	-100			65	-97			105	-93
		83				89					
2 za	6:07 11:25 18:36 23:35		-102	12 di	2:00 7:15 14:40 19:34		-93	22 vr	1:55 9:36 14:46 22:01	70	-105
		106	-102			78	-97			96	-90
		81				87					
3 zo	6:46 11:45 19:26		-102	13 wo	3:16 8:14 16:06 20:55		-95	23 za <i>LK 7:02</i>	2:30 10:05 14:55 22:30	71	-100
		112	-105			92	-101			91	-88
						87					
4 ma	0:15 7:26 12:47 20:11	79	-104	14 do	4:26 9:24 17:09 22:04		-100	24 zo	3:04 10:40 15:50 23:10	72	-95
		117	-107			106	-108			88	-86
						87					
5 di	1:15 8:05 13:26 20:51	76	-107	15 vr <i>VM 8:39</i>	5:26 10:30 18:02 23:05		-104	25 ma	4:04 11:35 16:56	72	-87
		119	-108			117	-110			83	
						84					
6 wo	1:54 8:51 14:15 21:30	69	-110	16 za	6:10 11:16 18:51 23:50		-106	26 di	0:16 5:25 12:35 18:06		-81
		116	-107			122	-107			72	-79
						79				80	
7 do	2:50 9:36 15:01 22:16	62	-111	17 zo	6:56 11:56 19:28		-107	27 wo	1:30 6:45 14:15 19:14		-80
		110	-104			124	-104			77	-79
										80	
8 vr <i>EK 8:29</i>	3:15 10:26 15:40 23:06	55	-109	18 ma	0:15 7:25 12:36 20:06	75	-110	28 do	2:55 8:05 15:36 20:56		-87
		103	-100			124	-101			88	-88
										83	
9 za	3:50 11:10 16:25 23:56	54	-106	19 di	0:34 8:02 13:17 20:36	74	-114	29 vr	4:00 9:15 16:40 22:06		-95
		97	-96			121	-100			99	-96
										86	
10 zo	4:27 12:16 17:14	58	-100	20 wo	1:04 8:35 13:46 21:06	74	-114	30 za <i>NM 20:40</i>	5:01 10:20 17:35 22:56		-98
		92				115	-97			108	-100
										86	
								31 zo	5:46 11:06 18:26 23:46		-98
										114	-102
										84	

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Hoog- en laagwaterstanden en -tijdstippen

Augustus 2011											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 ma	6:36 11:46 19:12	120	-99 -105	11 do	2:56 8:04 15:55 21:05	101 84	-86 -98	21 zo	1:44 9:30 <i>LK 23:54</i> 14:26 21:45	85 93	-93 -85
2 di	0:26 7:22 12:26 19:56	83 126	-104 -107	12 vr	4:16 9:20 16:56 21:55	116 87	-98 -108	22 ma	2:14 10:06 14:55 22:26	88 91	-89 -84
3 wo	1:00 8:06 13:04 20:36	83 128	-109 -108	13 za	5:08 10:05 <i>VM 20:57</i> 17:48 22:56	124 86	-106 -109	23 di	3:04 10:50 15:55 23:16	87 84	-84 -79
4 do	1:45 8:46 13:55 21:15	80 125	-113 -105	14 zo	5:55 11:01 18:29 23:25	127 82	-106 -101	24 wo	4:25 11:56 17:05	83 76	-75
5 vr	2:25 9:26 14:45 21:56	75 116	-112 -99	15 ma	6:36 11:36 19:09 23:50	126 82	-103 -93	25 do	0:25 5:55 13:19 18:34	83 75	-72 -72
6 za	2:45 10:05 <i>EK 13:08</i> 15:26 22:36	69 104	-108 -92	16 di	7:05 12:16 19:36	125	-103 -90	26 vr	2:16 7:30 15:06 20:15	92 82	-73 -83
7 zo	3:10 10:50 16:00 23:26	69 93	-101 -85	17 wo	0:15 7:36 12:46 20:06	86 123	-106 -91	27 za	3:30 8:55 16:16 21:34	106 89	-85 -95
8 ma	3:45 11:46 17:06	71 83	-92	18 do	0:45 8:05 13:16 20:30	89 117	-107 -91	28 zo	4:37 9:44 17:16 22:35	116 91	-92 -101
9 di	0:16 5:30 12:56 18:15	75 78	-80 -86	19 vr	1:25 8:36 13:40 20:55	88 107	-103 -88	29 ma	5:26 10:46 <i>NM 5:04</i> 18:06 23:26	122 90	-95 -103
10 wo	1:30 6:50 14:15 19:40	86 79	-79 -87	20 za	1:35 9:06 13:54 21:21	85 97	-97 -85	30 di	6:16 11:26 18:50	127	-98 -102
								31 wo	0:00 7:00 12:05 19:35	90 131	-103 -104

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Hoog- en laagwaterstanden en -tijdstippen

September 2011											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 do	0:40 7:46 12:55 20:16	91 132	-110 -103	11 zo	4:46 9:56 17:26 22:36	-104 128 -104 89		21 wo	2:36 10:26 15:05 22:34	101 83	-79 -77
2 vr	1:26 8:26 13:41 20:52	91 127	-112 -98	12 ma VM 11:27	5:36 10:36 18:02 22:45	-102 127 -93 88		22 do	3:46 11:26 16:30 23:56	95 72	-72 -69
3 za	1:55 9:11 14:26 21:31	90 115	-110 -91	13 di	6:11 11:17 18:36 23:15	-96 124 -82 92		23 vr	5:15 12:56 18:20	92 70	-69
4 zo EK 19:39	2:15 9:51 15:06 22:00	87 100	-103 -84	14 wo	6:46 11:35 19:02 23:40	-93 123 -81 99		24 za	1:20 6:34 14:30 20:00	99 81	-68 -81
5 ma	2:35 10:30 15:34 22:47	86 85	-93 -77	15 do	7:11 12:16 19:28	-96 121 -85		25 zo	2:50 8:05 15:46 21:04	112 90	-79 -94
6 di	3:30 11:20 16:35 23:25	86 73	-83 -71	16 vr	0:05 7:46 12:46 19:56	103 -97 116 -86		26 ma	4:06 9:26 16:45 22:05	123 95	-88 -99
7 wo	4:57 12:30 17:55	85 68	-76	17 za	0:45 8:06 13:05 20:26	103 -94 107 -84		27 di NM 13:09	5:01 10:16 17:39 22:56	128 96	-93 -98
8 do	0:55 6:35 14:15 19:25	94 73	-69 -79	18 zo	1:10 8:32 13:36 20:46	99 -89 97 -82		28 wo	5:50 11:00 18:26 23:30	131 98	-95 -95
9 vr	2:36 7:44 15:24 20:50	108 83	-79 -94	19 ma	1:14 9:00 13:34 21:10	97 -85 93 -83		29 do	6:38 11:46 19:08	131	-100 -94
10 za	3:51 9:00 16:36 21:45	122 89	-96 -106	20 di LK 15:39	1:45 9:41 14:05 21:56	101 -83 91 -82		30 vr	0:05 7:26 12:36 19:48	101 129	-104 -93

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Hoog- en laagwaterstanden en -tijdstippen

Oktober 2011											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 za	0:56 8:09 13:16 20:29	105 122	-107 -90	11 di	5:01 9:54 17:28 22:26	-94 122 96	-85	21 vr	3:04 11:05 15:45 23:26	105 68	-71 -70
2 zo	1:25 8:51 14:06 21:00	107 109	-104 -85	12 wo	5:36 10:47 VM 4:06 18:01 22:45	-87 119 102	-77	22 za	4:46 12:25 17:40	102 66	-70
3 ma	2:06 9:31 14:24 21:36	106 93	-95 -79	13 do	6:11 11:05 18:26 23:15	-84 118 109	-77	23 zo	0:45 5:55 13:56 19:25	107 77	-69 -80
4 di EK 5:15	2:30 10:10 15:05 22:10	104 78	-85 -75	14 vr	6:41 11:35 18:50 23:45	-86 117 114	-82	24 ma	2:16 7:24 15:11 20:35	117 88	-77 -91
5 wo	3:14 11:00 16:26 23:00	100 66	-75 -70	15 za	7:11 12:05 19:26	-88 114	-84	25 di	3:26 8:46 16:11 21:30	125 96	-85 -94
6 do	4:46 12:11 17:45	96 63	-69	16 zo	0:26 7:45 12:46 19:51	114 106	-86 -83	26 wo	4:26 9:35 NM 21:56 17:06 22:26	129 101	-89 -91
7 vr	0:05 5:54 13:25 18:54	100 69	-66 -72	17 ma	0:50 8:11 13:06 20:16	111 97	-82 -81	27 do	5:26 10:35 17:56 23:06	129 106	-91 -87
8 za	1:56 7:20 14:55 20:05	111 79	-74 -85	18 di	1:11 8:41 13:20 20:45	108 90	-79 -82	28 vr	6:16 11:27 18:46 23:40	126 113	-94 -85
9 zo	3:15 8:24 16:05 21:04	120 88	-88 -95	19 wo	1:24 9:16 13:40 21:26	108 86	-77 -81	29 za	7:06 12:16 19:26	121	-98 -85
10 ma	4:16 9:26 16:51 21:35	124 92	-96 -94	20 do	2:05 10:05 LK 5:30 14:24 22:21	109 78	-75 -77	30 zo	0:20 6:48 11:55 19:06	119 113	-100 -85
								31 ma	0:06 7:36 12:36 19:35	122 101	-96 -83

Harlingen

Hoog- en laagwaterstanden en -tijdstippen

November 2011											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 di	0:35 8:16 13:04 20:10	122 87	-89 -81	11 vr	4:35 9:35 16:50 21:44	-78 111 -79 113		21 ma	4:24 12:26 17:30	112 73	-78
2 wo EK 17:38	1:04 8:56 13:35 20:50	118 74	-79 -78	12 za	5:16 9:54 17:26 22:14	-79 110 -81 118		22 di	0:36 5:45 13:30 18:45	-78 117 -85 84	
3 do	2:00 9:34 14:27 21:46	112 64	-71 -74	13 zo	5:46 10:35 17:55 22:55	-81 109 -83 121		23 wo	1:50 6:55 14:36 19:55	-84 121 -86 95	
4 vr	3:04 10:45 16:00 22:40	105 60	-66 -71	14 ma	6:21 11:04 18:27 23:24	-81 104 -82 120		24 do	2:56 8:05 15:37 20:34	-86 122 -84 105	
5 za	4:36 11:45 17:16	103 65	-67	15 di	6:56 11:45 18:56	-78 96 -82		25 vr NM 7:10	4:06 9:15 16:26 21:25	-88 120 -82 114	
6 zo	0:06 5:25 13:06 18:15	-71 106 -73 75		16 wo	0:06 7:26 12:14 19:36	117 -76 86 -82		26 za	4:56 10:06 17:19 22:26	-90 116 -82 122	
7 ma	1:26 6:34 14:16 19:04	-77 111 -80 85		17 do	0:35 8:07 12:45 20:16	114 -75 78 -82		27 zo	5:52 10:45 18:02 22:54	-93 110 -84 128	
8 di	2:26 7:35 15:06 19:54	-83 114 -83 94		18 vr LK 16:09	1:04 8:56 13:14 21:05	112 -74 72 -80		28 ma	6:36 11:36 18:46 23:40	-94 102 -86 132	
9 wo	3:21 8:20 15:40 20:34	-84 114 -81 101		19 za	1:54 9:56 14:14 22:06	111 -72 67 -76		29 di	7:15 12:10 19:26	-92 93 -88	
10 do VM 21:16	4:06 8:54 16:15 21:20	-80 112 -78 108		20 zo	3:04 11:00 15:44 23:21	110 -73 66 -75		30 wo	0:14 8:00 12:34 20:01	131 -87 83 -88	

Harlingen

Hoog- en laagwaterstanden en -tijdstippen

December 2011											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 do	0:45 8:35 13:05 20:36	126 75	-80 -86	11 zo	4:51 9:45 17:06 22:05	-78 102 -82 118		21 wo	0:06 5:05 12:57 17:50	-80 109 -77 81	
2 vr EK 10:52	1:34 9:21 13:44 21:16	119 69	-74 -83	12 ma	5:31 10:04 17:41 22:35	-79 101 -83 123		22 do	1:15 6:14 13:53 19:04	-82 108 -79 94	
3 za	2:14 10:05 14:35 22:06	110 65	-69 -79	13 di	6:11 10:55 18:11 23:15	-80 100 -84 126		23 vr	2:30 7:40 15:05 20:05	-85 108 -81 107	
4 zo	3:36 10:56 15:54 23:06	103 66	-66 -73	14 wo	6:46 11:34 18:46	-80 94 -85		24 za NM 19:06	3:46 8:44 16:11 21:10	-88 106 -83 119	
5 ma	4:24 12:05 17:04	99 72	-66	15 do	0:06 7:26 12:14 19:27	125 -79 85 -86		25 zo	4:46 9:56 17:06 22:06	-92 103 -85 127	
6 di	0:15 5:35 12:55 18:04	99 81	-70 -70	16 vr	0:46 8:05 13:00 20:06	121 -79 76 -87		26 ma	5:41 10:46 17:52 22:56	-94 98 -89 132	
7 wo	1:37 6:34 14:06 19:15	100 92	-71 -76	17 za	1:14 8:46 13:15 20:55	116 -78 69 -87		27 di	6:28 11:14 18:25 23:31	-95 92 -93 135	
8 do	2:30 7:35 14:55 20:04	102 101	-75 -80	18 zo LK 1:48	1:54 9:36 13:54 21:50	113 -77 68 -85		28 wo	7:06 11:44 19:11	-93 87 -98	
9 vr	3:14 8:14 15:46 20:55	102 108	-76 -81	19 ma	2:55 10:41 14:55 22:50	112 -76 70 -82		29 do	0:05 7:46 12:04 19:46	134 -90 83 -100	
10 za VM 15:36	4:05 9:04 16:26 21:35	102 113	-77 -82	20 di	3:45 11:35 16:05	110 -75 73		30 vr	0:45 8:21 12:34 20:16	129 -86 80 -98	
								31 za	1:14 8:50 13:15 20:56	120 -80 78 -94	