

Vlieland haven

Hoog- en laagwaterstanden en -tijdstippen

Januari 2019											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 di	4:15 10:51 17:05 23:16	96 65	-85 -82	11 vr	5:56 11:45 17:56	67	-87 -97	21 ma VM 6:16	2:45 8:46 15:06 21:15	96 106	-111 -108
2 wo	5:25 11:56 18:15	93 73	-86	12 za	0:00 6:26 12:05 18:30	98 63	-84 -95	22 di	3:38 9:36 15:55 22:00	93 112	-119 -113
3 do	0:26 6:35 13:05 19:16	93 83	-86 -89	13 zo	0:42 7:00 12:49 19:06	93 60	-82 -92	23 wo	4:26 10:35 16:41 22:46	89 115	-125 -118
4 vr	1:26 7:35 13:55 20:06	92 91	-92 -93	14 ma EK 7:45	1:15 7:46 13:33 19:51	90 58	-79 -88	24 do	5:13 11:16 17:26 23:30	85 118	-127 -121
5 za	2:24 8:26 14:36 20:46	90 97	-96 -95	15 di	2:05 8:30 14:27 20:45	86 56	-77 -82	25 vr	5:56 12:05 18:09	81	-127 -122
6 zo NM 2:28	3:05 9:05 15:18 21:15	85 101	-97 -96	16 wo	2:58 9:35 15:49 21:50	82 56	-75 -78	26 za	0:16 6:41 12:46 18:51	116 76	-121 -119
7 ma	3:45 9:35 15:51 21:56	81 104	-96 -97	17 do	4:29 10:55 17:15 23:21	81 64	-78 -82	27 zo LK 22:10	1:05 7:26 13:33 19:35	111 70	-112 -111
8 di	4:16 10:10 16:25 22:24	77 106	-94 -98	18 vr	5:40 12:06 18:26	87 77	-87	28 ma	1:45 8:11 14:09 20:25	102 64	-100 -100
9 wo	4:50 10:41 16:56 22:55	74 105	-93 -99	19 za	0:36 6:50 13:06 19:20	93 90	-91 -96	29 di	2:35 9:05 15:05 21:14	91 60	-87 -88
10 do	5:25 11:05 17:26 23:31	71 102	-90 -99	20 zo	1:41 7:53 14:11 20:25	96 99	-102 -103	30 wo	3:35 10:05 16:10 22:36	80 59	-78 -81
								31 do	4:50 11:18 17:31 23:56	73 64	-76 -82

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Hoog- en laagwaterstanden en -tijdstippen

Februari 2019											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 vr	6:10 12:25 18:45	73 76	-82	11 ma	0:05 6:36 12:26 18:46	94 66	-96 -107	21 do	4:10 10:16 16:25 22:26	86 116	-136 -132
2 za	1:06 7:19 13:31 19:41	76 88	-90 -91	12 di EK 23:26	0:45 7:11 12:45 19:25	89 64	-93 -103	22 vr	4:56 10:56 17:09 23:07	85 116	-139 -136
3 zo	2:00 8:11 14:16 20:26	79 95	-98 -97	13 wo	1:25 7:50 13:45 20:10	84 61	-88 -96	23 za	5:37 11:45 17:48 23:56	82 112	-136 -137
4 ma NM 22:04	2:46 8:51 14:56 21:04	77 99	-101 -101	14 do	2:21 8:45 14:40 21:15	76 58	-81 -88	24 zo	6:16 12:25 18:31	78	-129 -132
5 di	3:26 9:20 15:31 21:36	75 101	-101 -104	15 vr	3:30 10:00 16:18 22:40	69 59	-77 -86	25 ma	0:36 6:56 13:05 19:11	103 72	-116 -122
6 wo	4:05 9:50 16:05 22:06	74 103	-101 -107	16 za	5:15 11:25 17:50	70 71	-82	26 di LK 12:28	1:25 7:35 13:35 19:50	90 66	-102 -108
7 do	4:36 10:21 16:36 22:36	74 104	-102 -110	17 zo	0:10 6:25 12:44 19:00	78 86	-95 -93	27 wo	2:01 8:16 14:26 20:35	76 60	-87 -92
8 vr	5:05 10:56 17:06 23:05	74 102	-103 -112	18 ma	1:26 7:36 13:56 19:55	84 98	-107 -104	28 do	2:51 9:15 15:14 21:50	62 56	-74 -79
9 za	5:36 11:26 17:41 23:46	72 98	-102 -112	19 di VM 16:53	2:26 8:36 14:49 20:51	87 107	-121 -115				
10 zo	6:05 11:56 18:15	69	-100 -110	20 wo	3:22 9:26 15:39 21:40	87 113	-130 -124				

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Maart 2019											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 vr	3:54 10:33 16:34 23:14	52 57	-69 -78	11 ma	5:46 11:25 17:51 23:45	73 89	-112 -121	21 do VM 2:43	3:05 9:06 15:21 21:20	82 109	-137 -130
2 za	5:42 11:52 18:09	52 68	-76	12 di	6:15 11:50 18:25	71	-107 -117	22 vr	3:51 9:56 16:06 22:06	82 110	-141 -137
3 zo	0:46 6:55 13:06 19:15	61 82	-88 -89	13 wo	0:15 6:46 12:30 19:06	83 68	-101 -111	23 za	4:32 10:36 16:46 22:50	83 108	-141 -143
4 ma	1:45 7:45 13:55 20:00	69 92	-100 -100	14 do EK 11:27	0:55 7:26 13:11 19:55	75 65	-94 -103	24 zo	5:12 11:16 17:28 23:25	82 101	-137 -142
5 di	2:25 8:30 14:35 20:35	72 95	-107 -107	15 vr	1:55 8:15 14:15 20:44	65 60	-85 -93	25 ma	5:51 11:45 18:05	80	-128 -136
6 wo NM 17:04	3:06 9:00 15:11 21:14	72 97	-109 -111	16 za	3:09 9:25 15:37 22:26	55 59	-77 -90	26 di	0:05 6:23 12:24 18:40	90 76	-117 -125
7 do	3:35 9:30 15:45 21:40	73 99	-111 -115	17 zo	4:44 11:05 17:25 23:56	56 69	-80 -100	27 wo	0:45 6:56 12:55 19:15	75 70	-103 -110
8 vr	4:09 10:04 16:16 22:16	75 100	-114 -119	18 ma	6:16 12:20 18:36	65 85	-93	28 do LK 5:10	1:25 7:25 13:40 19:55	60 63	-90 -94
9 za	4:40 10:24 16:51 22:51	76 99	-116 -122	19 di	1:06 7:15 13:35 19:40	74 98	-115 -107	29 vr	2:10 8:10 14:29 20:45	46 57	-78 -79
10 zo	5:16 11:00 17:21 23:16	76 95	-115 -123	20 wo	2:12 8:16 14:31 20:33	80 105	-129 -120	30 za	3:08 9:11 15:44 22:35	36 55	-67 -75
								31 zo	5:50 12:10 18:24	35 62	-71

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Hoog- en laagwaterstanden en -tijdstippen

April 2019											
datum	uu:mm	HW	LW	datum	uu:mm	HW	LW	datum	uu:mm	HW	LW
		cm	NAP			cm	NAP			cm	NAP
1 ma	1:08 7:25 13:25 19:35		-85 47 -86 76	11 do	1:06 7:26 13:05 19:51	73 -106 72 -115		21 zo	5:08 11:05 17:25 23:24		-135 81 -140 95
2 di	2:05 8:15 14:25 20:25		-99 59 -99 86	12 vr <i>EK 21:06</i>	1:48 8:06 14:05 20:36	63 -98 68 -106		22 ma	5:47 11:45 18:06		-131 83 -137
3 wo	2:55 9:01 15:05 21:05		-109 67 -108 91	13 za	2:41 9:01 15:11 21:46	53 -88 64 -97		23 di	0:06 6:21 12:20 18:41		87 -124 84 -131
4 do	3:30 9:35 15:44 21:46		-115 70 -114 93	14 zo	3:59 10:16 16:30 23:10	45 -80 65 -97		24 wo	0:35 6:55 12:50 19:16		76 -115 81 -120
5 vr <i>NM 10:50</i>	4:06 10:13 16:21 22:25		-118 73 -119 94	15 ma	5:30 11:46 18:06	47 -83 74		25 do	1:05 7:23 13:28 19:46		62 -105 75 -107
6 za	4:40 10:40 16:52 22:55		-122 77 -124 95	16 di	0:36 6:56 13:06 19:14		-108 57 -95 87	26 vr	1:44 7:56 14:05 20:29		49 -95 69 -93
7 zo	5:16 11:16 17:31 23:26		-124 78 -127 93	17 wo	1:51 7:55 14:11 20:16		-121 67 -110 96	27 za <i>LK 0:18</i>	2:30 8:34 15:05 21:15		38 -85 62 -81
8 ma	5:51 11:44 18:02 23:55		-123 78 -128 88	18 do	2:51 8:55 15:06 21:10		-131 73 -122 101	28 zo	3:28 9:25 15:57 22:49		29 -75 58 -74
9 di	6:21 12:05 18:35		-119 76 -125	19 vr <i>VM 13:12</i>	3:42 9:50 16:01 21:56		-137 77 -130 101	29 ma	4:44 10:42 17:29		28 -69 60
10 wo	0:29 6:55 12:30 19:06		81 -113 74 -121	20 za	4:26 10:35 16:45 22:44		-138 79 -136 99	30 di	0:15 6:19 12:35 18:45		-82 36 -80 70

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Hoog- en laagwaterstanden en -tijdstippen

Mei 2019											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 wo	1:15 7:35 13:36 19:46		-95 50 -93 80	11 za	1:45 7:56 14:06 20:36	56 -101 76 -109		21 di	5:21 11:20 17:45 23:35		-122 87 -127 75
2 do	2:06 8:22 14:26 20:33		-107 61 -103 86	12 zo <i>EK 3:12</i>	2:40 8:55 15:05 21:40	48 -93 75 -104		22 wo	5:55 11:45 18:21		-118 88 -122
3 vr	2:49 8:55 15:08 21:05		-115 69 -112 90	13 ma	3:58 10:00 16:26 22:55	43 -88 76 -105		23 do	0:15 6:26 12:25 18:55		66 -113 87 -113
4 za	3:35 9:36 15:51 21:46		-121 75 -118 91	14 di	5:10 11:15 17:35	46 -90 82		24 vr	0:56 6:56 13:05 19:26		55 -107 82 -103
5 zo <i>NM 0:45</i>	4:11 10:10 16:26 22:26		-125 79 -123 91	15 wo	0:16 6:25 12:36 18:45	-112 54 -99 89		25 za	1:15 7:25 13:45 20:04		45 -100 76 -93
6 ma	4:46 10:51 17:08 23:00		-126 81 -127 88	16 do	1:26 7:35 13:45 19:50	-120 62 -109 94		26 zo <i>LK 18:34</i>	2:00 7:59 14:25 20:51		37 -92 70 -84
7 di	5:26 11:26 17:46 23:35		-125 81 -127 82	17 vr	2:26 8:36 14:46 20:46	-126 69 -118 94		27 ma	2:50 8:45 15:20 21:35		32 -85 65 -79
8 wo	6:01 11:50 18:20		-121 81 -126	18 za <i>VM 23:11</i>	3:16 9:26 15:36 21:36	-128 74 -124 92		28 di	3:59 9:50 16:32 23:03		30 -78 64 -80
9 do	0:15 6:36 12:25 19:01		74 -115 80 -122	19 zo	4:05 10:05 16:22 22:20	-127 78 -128 88		29 wo	5:10 11:04 17:39		35 -77 68
10 vr	0:45 7:11 13:10 19:45		65 -109 79 -116	20 ma	4:43 10:49 17:06 23:06	-125 82 -129 82		30 do	0:18 6:16 12:35 18:45		-89 45 -85 76
								31 vr	1:16 7:20 13:36 19:46		-101 58 -96 83

Referentievlak: NAP
LAT = NAP-148 cm

Nederlandse tijd
Cursief gedrukte tijdstippen zijn in ZOMERTIJD

Vlieland haven

Hoog- en laagwaterstanden en -tijdstippen

Juni 2019											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 za	2:06 8:15 14:26 20:30	68	-111 -105	11 di	3:46 9:50 16:05 22:40	49 88	-99 -110	21 vr	6:06 12:05 18:36	94	-111 -106
2 zo	2:55 9:06 15:15 21:16	76	-118 -113	12 wo	4:50 10:56 17:16 23:46	50 88	-97 -110	22 za	0:25 6:35 12:54 19:06	56 90	-109 -100
3 ma <i>NM 12:02</i>	3:36 9:46 16:01 22:01	82	-122 -119	13 do	5:55 12:06 18:15	54 89	-99	23 zo	1:05 7:04 13:26 19:40	50 85	-104 -94
4 di	4:25 10:26 16:46 22:46	85	-123 -123	14 vr	0:45 7:05 13:16 19:26	61 89	-112 -104	24 ma	1:35 7:46 14:00 20:14	45 80	-99 -88
5 wo	5:05 11:06 17:31 23:35	87	-122 -125	15 za	1:56 8:10 14:22 20:25	69 87	-114 -110	25 di <i>LK 11:46</i>	2:20 8:25 14:35 21:00	41 75	-94 -85
6 do	5:42 11:46 18:11	88	-120 -125	16 zo	2:50 8:55 15:16 21:23	76 84	-116 -115	26 wo	3:05 9:05 15:35 21:55	40 72	-89 -83
7 vr	0:12 6:26 12:26 18:56	71	-116 -123	17 ma <i>VM 10:31</i>	3:38 9:45 16:05 22:06	82 80	-116 -118	27 do	4:08 9:55 16:35 23:00	40 71	-84 -84
8 za	0:56 7:06 13:05 19:46	64	-112 -119	18 di	4:22 10:25 16:49 22:45	87 74	-115 -118	28 vr	5:25 11:07 17:55	46 74	-82
9 zo	1:45 7:53 14:00 20:35	57	-108 -115	19 wo	4:56 11:00 17:28 23:20	92 69	-113 -116	29 za	0:15 6:25 12:35 18:55	56 80	-92 -88
10 ma <i>EK 7:59</i>	2:40 8:46 14:55 21:35	52	-103 -111	20 do	5:35 11:35 18:00 23:58	94 62	-112 -112	30 zo	1:25 7:36 13:40 19:55	68 85	-101 -98

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Hoog- en laagwaterstanden en -tijdstippen

Juli 2019											
datum	uu:mm	HW	LW	datum	uu:mm	HW	LW	datum	uu:mm	HW	LW
		cm	NAP			cm	NAP			cm	NAP
1 ma	2:16 8:30 14:40 20:45		-109 79 -107 88	11 do	4:15 10:26 16:45 23:15	56 -99 89 -100		21 zo	0:10 6:16 12:26 18:46	64 -109 99 -99	
2 di NM 21:16	3:06 9:25 15:38 21:35		-114 86 -114 87	12 vr	5:15 11:36 17:51	57 -95 84		22 ma	0:35 6:51 12:54 19:20	61 -107 94 -95	
3 wo	3:56 10:06 16:26 22:25		-116 92 -120 84	13 za	0:20 6:35 12:46 19:01	-98 -96 82		23 di	1:15 7:24 13:30 19:55	57 -103 89 -91	
4 do	4:46 10:51 17:16 23:25		-117 96 -123 79	14 zo	1:26 7:41 14:02 20:14	-99 -100 81		24 wo	1:41 7:56 14:05 20:31	55 -99 84 -88	
5 vr	5:31 11:36 18:05		-118 99 -126	15 ma	2:29 8:35 14:56 21:06	-103 -106 80		25 do LK 3:18	2:25 8:36 14:35 21:05	53 -95 80 -85	
6 za	0:00 6:19 12:25 18:51	75	-119 102 -127	16 di VM 23:38	3:19 9:25 15:48 21:56	-106 -110 77		26 vr	2:58 9:20 15:30 22:00	52 -90 76 -82	
7 zo	0:55 7:01 13:06 19:36	70	-119 104 -125	17 wo	4:02 10:05 16:35 22:30	-107 -109 73		27 za	3:58 10:20 16:49 23:15	52 -84 73 -81	
8 ma	1:40 7:46 13:54 20:22	66	-117 104 -121	18 do	4:41 10:46 17:11 23:08	-107 -107 68		28 zo	5:39 11:35 18:10	57 -82 76	
9 di EK 12:55	2:24 8:36 14:46 21:15	61	-113 101 -114	19 vr	5:15 11:24 17:46 23:35	-108 -104 66		29 ma	0:34 6:55 13:05 19:25	-87 69 -89 82	
10 wo	3:20 9:26 15:46 22:10	58	-106 95 -106	20 za	5:46 11:50 18:16	-109 -102		30 di	1:41 8:03 14:10 20:26	-96 82 -100 87	
								31 wo	2:45 8:54 15:16 21:20	-103 94 -109 89	

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Hoog- en laagwaterstanden en -tijdstippen

Augustus 2019											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 do <i>NM 5:12</i>	3:41 9:50 16:13 22:16		-109	11 zo	5:59 12:21 18:35	65 73	-84	21 wo	0:35 7:01 12:54 19:25	71 95	-104 -91
2 vr	4:31 10:36 17:05 23:06	107	-114	12 ma	0:55 7:18 13:40 19:50	76 77	-82 -90	22 do	1:16 7:31 13:25 19:56	68 90	-100 -87
3 za	5:19 11:25 17:52 23:56	112	-119	13 di	2:06 8:15 14:45 20:45	90 80	-90 -99	23 vr <i>LK 16:56</i>	1:34 8:09 14:05 20:35	67 85	-96 -83
4 zo	6:03 12:06 18:35	115	-123	14 wo	3:01 9:10 15:36 21:36	100 80	-98 -104	24 za	2:20 8:50 14:45 21:25	66 79	-90 -77
5 ma	0:40 6:46 12:50 19:21	80 116	-126 -127	15 do <i>VM 14:29</i>	3:42 9:50 16:16 22:20	104 77	-102 -104	25 zo	3:17 9:44 15:59 22:15	63 72	-82 -71
6 di	1:26 7:31 13:34 20:05	76 112	-124 -119	16 vr	4:20 10:26 16:52 22:45	105 74	-103 -102	26 ma	4:38 10:55 17:38 23:50	63 70	-76 -72
7 wo <i>EK 19:31</i>	2:05 8:15 14:26 20:50	72 105	-118 -108	17 za	4:56 10:56 17:26 23:15	106 74	-104 -100	27 di	6:15 12:35 18:55	73 78	-82
8 do	2:56 9:00 15:16 21:36	67 95	-108 -95	18 zo	5:26 11:25 17:55 23:40	106 75	-106 -100	28 wo	1:10 7:31 13:50 20:05	89 86	-82 -95
9 vr	3:35 9:56 16:10 22:36	63 84	-95 -84	19 ma	6:01 12:02 18:25	105	-108 -99	29 do	2:25 8:35 15:01 21:06	103 91	-93 -108
10 za	4:45 11:00 17:15 23:45	62 75	-86 -79	20 di	0:15 6:31 12:32 18:56	74 101	-107 -95	30 vr <i>NM 12:37</i>	3:25 9:26 15:56 22:04	112 92	-103 -118
								31 za	4:13 10:16 16:48 22:50	118 92	-112 -125

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Hoog- en laagwaterstanden en -tijdstippen

September 2019											
datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP	datum	uu:mm	HW cm	LW NAP
1 zo	5:02 11:06 17:32 23:41		-119 121 -128 91	11 wo	1:45 7:56 14:25 20:24		-79 96 -92 80	21 za	1:16 7:45 13:35 20:05	79 85 -92 -79	
2 ma	5:46 11:50 18:16		-125 123 -128	12 do	2:38 8:44 15:15 21:16		-91 107 -99 84	22 zo	1:55 8:26 LK 4:41 14:17 20:46	77 -85 76 -72	
3 di	0:25 6:29 12:35 18:56	89	-127 120 -122	13 vr	3:20 9:25 15:51 21:56		-97 110 -100 83	23 ma	2:45 9:21 15:28 21:45	74 -77 67 -63	
4 wo	1:01 7:10 13:16 19:38	86	-124 113 -111	14 za	4:01 10:05 VM 6:33 16:25 22:26		-99 110 -98 82	24 di	3:57 10:40 17:09 23:15	72 -70 65 -61	
5 do	1:35 7:51 13:55 20:19	82	-115 101 -97	15 zo	4:36 10:30 16:59 22:56		-100 110 -98 83	25 wo	5:50 12:18 18:35	80 -77 74	
6 vr	2:15 8:30 EK 5:10 14:34 20:56	77	-102 87 -82	16 ma	5:07 11:00 17:28 23:20		-102 110 -99 86	26 do	0:45 7:06 13:36 19:45	-72 97 -93 85	
7 za	2:55 9:20 15:35 21:45	72	-87 74 -69	17 di	5:36 11:36 17:56 23:45		-104 108 -98 86	27 vr	2:05 8:05 14:40 20:45	-86 111 -107 92	
8 zo	4:05 10:15 16:39 23:05	69	-73 64 -62	18 wo	6:05 12:06 18:28		-104 104 -95	28 za	3:01 9:05 NM 20:26 15:37 21:41	-99 120 -117 95	
9 ma	5:10 11:45 18:19	70	-70 62	19 do	0:15 6:35 12:30 18:55	83	-101 98 -90	29 zo	3:53 9:55 16:25 22:35	-109 124 -122 96	
10 di	0:36 6:50 13:15 19:25		-66 81 -79 71	20 vr	0:35 7:06 13:06 19:25	81	-97 91 -85	30 ma	4:41 10:35 17:10 23:16	-116 124 -122 96	

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Hoog- en laagwaterstanden en -tijdstippen

Oktober 2019											
datum	uu:mm	HW	LW	datum	uu:mm	HW	LW	datum	uu:mm	HW	LW
		cm	NAP			cm	NAP			cm	NAP
1 di	5:26 11:26 17:52 23:56		-122 122 -118 96	11 vr	2:05 8:16 14:36 20:54		-81 107 -91 84	21 ma <i>LK 14:39</i>	1:31 8:15 14:10 20:35	87	-81 71 -68
2 wo	6:07 12:15 18:32		-122 116 -111	12 za	2:50 8:56 15:19 21:26		-89 111 -95 87	22 di	2:27 9:15 15:20 21:30	83	-73 62 -60
3 do	0:34 6:48 12:51 19:11	95	-117 106 -100	13 zo <i>VM 23:08</i>	3:30 9:30 15:52 21:56		-93 112 -96 89	23 wo	3:49 10:30 16:48 23:02	82	-70 61 -58
4 vr	1:05 7:26 13:30 19:45	92	-107 93 -87	14 ma	4:05 10:06 16:25 22:26		-95 111 -97 92	24 do	5:25 12:02 18:15	90	-78 71
5 za <i>EK 18:47</i>	1:45 8:05 14:10 20:21	87	-93 78 -74	15 di	4:36 10:34 16:56 22:56		-98 111 -98 94	25 vr	0:26 6:42 13:16 19:25		-69 103 -92 82
6 zo	2:25 8:45 14:54 20:55	82	-77 64 -61	16 wo	5:15 11:11 17:31 23:21		-100 109 -98 95	26 za	1:35 7:44 14:16 20:26		-83 115 -104 90
7 ma	3:25 9:35 16:02 22:04	77	-63 54 -52	17 do	5:46 11:40 18:05 23:50		-100 104 -94 93	27 zo	2:38 7:36 14:12 20:16		-95 121 -111 95
8 di	4:28 11:20 17:38 23:44	75	-58 52 -54	18 vr	6:17 12:05 18:31		-97 97 -89	28 ma <i>NM 4:38</i>	2:31 8:31 15:02 21:06		-104 122 -113 97
9 wo	6:09 12:45 19:05	82	-68 64	19 za	0:15 6:50 12:35 19:05	91	-94 89 -83	29 di	3:21 9:20 15:46 21:50		-110 120 -111 100
10 do	1:05 7:26 13:50 20:00		-67 96 -82 77	20 zo	0:56 7:26 13:18 19:36	89	-88 80 -77	30 wo	4:03 10:04 16:28 22:30		-114 115 -108 102
								31 do	4:46 10:46 17:06 23:06		-113 107 -101 102

Vlieland haven

Hoog- en laagwaterstanden en -tijdstippen

November 2019											
datum	uu:mm	HW	LW	datum	uu:mm	HW	LW	datum	uu:mm	HW	LW
		cm	NAP			cm	NAP			cm	NAP
1 vr	5:26 11:26 17:45 23:42		-108 97 -93 100	11 ma	1:55 7:54 14:13 20:15		-86 109 -94 92	21 do	2:46 9:15 15:30 21:35	93	-76 -65
2 za	6:06 12:05 18:11	83	-98 -84	12 di VM 14:34	2:35 8:31 14:55 20:56		-91 110 -97 97	22 vr	4:00 10:36 16:51 22:56	97	-82 -72
3 zo	0:15 6:41 12:40 18:46	96	-86 70 -74	13 wo	3:11 9:06 15:31 21:25		-95 109 -99 99	23 za	5:05 11:46 18:02	105	-91 76
4 ma EK 11:23	0:58 7:15 13:20 19:20	90	-72 58 -64	14 do	3:48 9:46 16:06 22:06		-98 106 -98 100	24 zo	0:06 6:15 12:50 19:01		-82 111 -98 85
5 di	1:49 8:15 14:19 20:05	84	-59 49 -54	15 vr	4:26 10:23 16:36 22:35		-98 100 -95 99	25 ma	1:16 7:16 13:46 19:56		-91 114 -102 91
6 wo	2:50 9:28 15:30 21:42	81	-52 47 -49	16 za	5:01 10:56 17:11 23:00		-97 93 -91 99	26 di NM 16:06	2:06 8:05 14:39 20:46		-100 113 -104 96
7 do	3:55 10:55 17:04 23:15	82	-58 54 -57	17 zo	5:36 11:25 17:51 23:40		-93 85 -86 98	27 wo	2:59 9:03 15:22 21:26		-105 109 -103 101
8 vr	5:30 12:06 18:15	90	-69 67	18 ma	6:21 12:16 18:31		-89 76 -80	28 do	3:45 9:44 16:03 22:06		-107 104 -101 105
9 za	0:15 6:25 12:50 19:05		-69 100 -81 79	19 di LK 22:11	0:30 7:06 13:05 19:25	96	-83 67 -72	29 vr	4:26 10:25 16:45 22:35		-107 96 -97 107
10 zo	1:06 7:16 13:36 19:46		-79 106 -88 87	20 wo	1:36 8:06 14:10 20:26	93	-77 61 -66	30 za	5:07 11:05 17:15 23:15		-101 87 -93 107

Vlieland haven

Hoog- en laagwaterstanden en -tijdstippen

December 2019											
datum	uu:mm	HW	LW	datum	uu:mm	HW	LW	datum	uu:mm	HW	LW
		cm	NAP			cm	NAP			cm	NAP
1 zo	5:40 11:46 17:46 23:55		-94 76 -88 103	11 wo	1:56 7:55 14:16 20:26		-88 104 -97 97	21 za	3:24 10:06 16:15 22:26	99	-85 63 -78
2 ma	6:21 12:15 18:25		-84 66 -81	12 do VM 6:12	2:41 8:40 15:01 21:06		-95 104 -100 101	22 zo	4:45 11:16 17:25 23:41	99	-87 69 -83
3 di	0:35 6:56 12:50 18:56		97 -73 57 -74	13 vr	3:27 9:24 15:45 21:46		-98 101 -100 103	23 ma	5:45 12:20 18:35	100	-91 77
4 wo EK 7:58	1:20 7:35 13:39 19:35		91 -64 50 -66	14 za	4:08 10:04 16:21 22:26		-101 96 -99 104	24 di	0:46 6:56 13:26 19:30		-89 101 -94 87
5 do	2:04 8:35 14:39 20:35		85 -57 47 -59	15 zo	4:46 10:46 17:01 22:55		-101 89 -97 105	25 wo	1:49 7:54 14:17 20:26		-97 100 -97 95
6 vr	3:10 9:39 15:36 21:30		82 -55 49 -55	16 ma	5:35 11:25 17:46 23:46		-100 82 -94 105	26 do NM 6:13	2:45 8:46 15:05 21:15		-102 97 -99 101
7 za	4:19 10:55 17:03 23:18		83 -62 57 -60	17 di	6:18 12:10 18:26		-98 75 -91	27 vr	3:29 9:33 15:46 21:45		-105 92 -99 106
8 zo	5:25 11:56 17:55		89 -72 69	18 wo	0:25 7:05 13:05 19:19		105 -94 68 -87	28 za	4:12 10:05 16:25 22:26		-104 86 -99 109
9 ma	0:15 6:26 12:46 18:55		-70 96 -83 81	19 do LK 5:57	1:26 8:01 14:00 20:11		103 -89 63 -82	29 zo	4:51 10:40 16:55 23:03		-101 80 -99 109
10 di	1:06 7:16 13:30 19:46		-80 101 -92 90	20 vr	2:20 9:00 15:10 21:16		101 -86 61 -78	30 ma	5:26 11:22 17:26 23:36		-95 73 -97 107
								31 di	5:56 11:50 18:05		-89 67 -94