

Den Helder - westcomponent van de wind

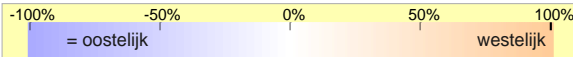
Met links naar gedetailleerde weergegevens vanaf 1975. Klik op de betreffende maand.

Klik op de kaart voor andere weerstations



	januari	februari	maart	april	mei	juni	juli	augustus	september	oktober	november	december	jaar
1977	9.9	-2.2	1.7	61.7	-28.2	28.1	25.8	-2.7	18.5	9.4	54.1	-2.9	14.4
1978	25.1	-51.0	53.3	-32.2	-32.0	33.4	50.0	56.7	79.7	36.0	34.8	-49.6	17.0
1979	-12.6	-30.1	16.6	14.2	39.9	29.0	61.6	40.8	43.8	-33.4	50.5	37.4	21.5
1980	-21.6 [12.1]	-6.0 [-2.4]	-21.5 [-0.3]	9.2 [9.2]	-32.0 [8.6]	41.2 [25.2]	34.2 [38.8]	27.6 [25.2]	45.4 [22.2]	43.7 [11.7]	15.8 [17.5]	60.8 [20.0]	16.4 [15.7]
1981	56.7	-7.3	25.4	-18.1	16.7	33.9	59.4	24.4	3.4	38.4	51.4	-15.1	22.4
1982	-3.9	-30.8	29.6	24.6	12.5	15.2	-10.0	54.2	9.3	2.6	22.9	36.4	13.6
1983	80.3	-31.5	60.4	16.0	24.4	22.8	-2.4	-0.1	44.4	63.2	6.5	23.8	25.6
1984	41.7	-23.7	-16.0	-6.3	-23.5	56.0	54.0	1.3	29.3	45.5	-23.2	0.6	11.3
1985	-26.5	-16.8	7.1	47.4	-11.7	43.9	46.5	51.1	55.0	-5.2	2.5	37.4	19.2
1986	23.3	-90.9	-2.2	-6.1	26.9	-11.9	66.0	30.5	46.9	35.8	45.1	47.4	17.6
1987	-15.6	1.0	-7.9	-3.4	33.1	51.4	18.6	52.5	46.4	-26.8	15.8	-0.1	13.8
1988	27.1	52.2	62.8	-20.1	-18.6	31.8	56.4	52.4	39.9	-24.4	26.5	65.5	29.3
1989	47.9	47.7	40.9	-7.8	-9.7	-1.7	23.2	56.8	18.6	47.8	-13.9	-5.7	20.3
1990	50.0 [14.3]	66.1 [4.4]	57.9 [13.9]	17.3 [7.5]	3.0 [8.8]	52.5 [27.0]	30.7 [36.7]	27.9 [25.4]	61.5 [28.1]	8.2 [13.4]	12.6 [19.1]	26.2 [19.1]	34.5 [17.4]
1991	11.6	-25.7	-5.0	5.5	19.5	52.1	3.8	43.4	15.4	-0.1	18.3	39.6	14.9
1992	8.9	62.7	53.1	48.6	-16.5	-43.9	27.2	46.0	14.4	10.1	65.4	-17.1	21.6
1993	44.8	9.8	7.1	-6.9	-14.4	13.2	65.8	48.1	-35.1	-21.0	-53.6	54.7	9.4
1994	63.4	-45.5	72.6	21.2	-11.4	54.8	0.4	28.2	28.3	-0.6	11.8	43.6	22.2
1995	37.3	61.1	51.5	18.9	1.6	43.4	12.9	-14.8	30.0	25.8	-0.4	-55.3	17.7
1996	-76.6	-10.2	-45.0	4.2	12.8	49.2	44.8	-2.3	-15.9	31.1	29.9	-37.6	-1.3
1997	-21.8	65.7	43.8	26.8	19.9	-1.5	40.9	-22.3	11.6	7.1	-34.8	5.7	11.8
1998	24.1	77.9	39.8	-3.8	3.1	49.5	70.0	50.5	-11.1	36.5	12.2	27.2	31.3
1999	38.1	60.5	32.5	6.2	-1.6	25.3	19.4	18.9	4.8	20.2	27.2	69.5	26.7
2000	57.6 [18.0]	76.2 [5.7]	42.8 [18.2]	4.4 [8.7]	-6.3 [1.4]	59.6 [28.5]	36.3 [34.3]	36.7 [23.8]	16.5 [22.1]	31.5 [11.7]	23.5 [20.2]	6.4 [20.0]	32.1 [17.7]
2001	-12.9	10.4	-29.1	29.1	-9.3	36.6	26.8	24.7	37.3	29.2	56.5	11.4	17.6
2002	38.1	56.1	10.6	0.3	17.6	42.0	31.8	13.9	-11.0	-6.2	-8.8	-51.7	11.1
2003	23.1	-42.6	3.6	-23.3	43.5	16.8	42.5	27.6	25.4	-14.4	6.0	11.5	10.0
2004	39.0	33.7	11.7	-10.1	49.7	62.3	42.7	22.9	35.9	4.1	28.5	43.0	30.3
2005	55.9	-5.4	-1.5	5.0	43.9	24.8	41.6	52.5	5.8	-23.7	39.9	32.9	22.6
2006	-30.1	7.1	0.4	59.6	11.9	5.5	-3.5	49.6	7.7	25.0	53.3	44.7	19.3
2007	67.6	22.0	19.2	-2.6	27.0	24.5	58.2	26.6	56.4	-17.4	50.4	9.8	28.5
2008	43.8	23.6	47.2	8.7	-57.9	44.0	30.0	58.0	-19.9	54.2	14.6	8.3	21.2
2009	6.4	31.5	57.8	-36.4	14.7	3.8	62.9	46.0	32.8	6.2	37.7	-11.4	21.0
2010	-30.8 [22.3]	-23.6 [13.7]	31.0 [23.4]	24.3 [7.4]	17.0 [7.3]	-2.9 [28.4]	67.7 [35.5]	52.8 [31.9]	14.0 [19.9]	-2.8 [12.7]	-15.1 [17.0]	-7.8 [14.8]	10.3 [19.5]
2011	24.9	-7.7	0.2	0.5	37.5	48.3	37.2	47.1	41.9	16.7	-31.7	76.2	24.3
2012	40.6	19.3	27.4	18.9	2.4	34.7	38.3	20.1	69.6	15.1	19.8	31.2	28.1
2013	-0.3	-26.6	-63.8	11.1	23.9	26.1	0.8	33.3	30.5	14.4	37.6	43.0	10.8
2014	-4.1	19.7	6.2	14.3	4.5	30.8	8.0	51.9	-1.5	19.4	-45.9	45.5	12.4
2015	62.6	19.7	26.4	13.3	54.1	31.5	57.8	3.4	12.3	-33.7	56.4	40.7	28.7
2016	14.5	26.8	8.4	29.4	-5.9	29.5	63.5	34.4	7.2	-27.6	1.5	29.4	17.6
2017	9.2	0.5	24.3	54.9	-6.0	32.3	30.1	35.8	26.2	63.4	64.3	60.9	33.0
2018	34.7 [22.3]	-29.5 [19.4]	-23.9 [18.3]	1.3 [11.1]	-25.6 [8.1]	23.8 [28.9]	0.3 [33.7]	55.5 [32.4]	46.0 [18.5]	19.3 [11.3]	-43.2 [14.0]	46.8 [20.7]	8.8 [19.9]

maandgemiddelden en -normalen
jaargemiddelden en -normalen



Berekening:
Westenwind = SIN(((wind in graden + 180) / 180) x pi) x 100%