

# Den Helder - zuidcomponent van de wind

Met links naar gedetailleerde weergegevens vanaf 1957. Klik op de betreffende maand.

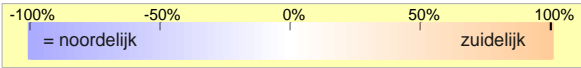
Klik op de kaart voor andere weerstations



jaar 30 jr

	januari	februari	maart	april	mei	juni	juli	augustus	september	oktober	november	december	
1947													
1948													
1949													
1950													
1951	35.5	48.8	17.2	7.8	-33.7	-18.6	4.3	57.2	17.9	22.8	31.6	52.3	20.8
1952	9.0	-28.3	5.0	7.6	-3.6	2.5	-22.9	18.7	-29.7	2.5	-22.0	32.9	-2.4
1953	14.7	1.3	-29.5	4.9	-32.3	-21.5	28.2	6.1	27.9	14.6	53.3	37.2	8.7
1954	-17.5	41.4	32.5	-47.4	-5.6	9.5	18.6	13.3	26.4	47.4	40.9	28.7	15.7
1955	29.7	9.3	-27.1	5.0	14.6	-10.7	-70.2	-36.2	22.4	13.9	10.7	26.1	-1.0
1956	29.1	-10.4	1.4	-53.9	-7.5	-15.3	4.1	0.9	14.9	-4.0	-10.8	36.7	-1.2
1957	23.7	36.0	48.7	-55.3	-23.1	-26.8	-2.8	1.6	-1.4	33.4	0.4	37.0	5.9
1958	32.5	4.9	3.9	-25.2	39.8	-5.9	5.7	25.5	13.4	16.1	4.3	28.2	11.9
1959	-2.1	20.4	38.2	17.6	-53.0	-9.5	-20.1	-21.0	-31.3	33.3	73.2	58.2	8.7
1960	1.6	30.0	8.4	-21.1	-30.3	-11.3	24.2	4.4	10.4	22.2	50.2	46.1	11.2
1961	22.2	42.9	9.2	4.3	-44.2	-6.4	-22.3	-0.3	10.0	48.1	9.6	27.4	8.4
1962	32.8	-21.2	-16.7	-17.5	-19.0	-24.4	-26.0	32.9	24.2	-12.2	11.4	17.4	-1.5
1963	-27.0	-4.1	45.0	16.7	9.0	4.0	-1.4	26.8	-0.2	27.4	52.1	23.2	14.3
1964	19.0	4.9	12.0	28.3	12.4	12.3	-4.0	-13.2	10.3	25.3	15.3	15.4	11.5
1965	2.1	-62.2	19.8	-22.1	-1.1	-3.8	-2.5	8.3	53.7	24.0	7.9	11.0	2.9
1966	32.2	43.3	-0.8	2.3	6.8	1.1	-19.1	0.7	-17.9	34.3	14.1	4.2	8.4
1967	21.2	22.9	18.8	-37.6	38.0	-24.4	12.3	12.3	38.2	54.1	28.8	-17.3	13.9
1968	4.3	-9.9	14.6	3.5	-13.5	13.4	-31.1	-36.1	20.1	40.6	14.3	13.0	2.8
1969	60.0	-26.4	-24.4	-6.9	13.9	-29.2	-26.5	-39.3	-8.9	21.1	18.6	25.6	-1.9
1970	32.5	-6.1	-13.7	-17.4	-31.9	-28.8	27.8	-18.3	29.8	10.0	48.1	-10.8	1.8
1971	69.0	-4.5	2.2	-53.5	-32.3	-32.0	-15.0	28.8	-5.9	35.4	-6.0	26.5	1.1
1972	34.7	31.3	23.4	-8.5	10.2	26.7	-31.8	-26.0	-42.2	-2.9	28.6	73.8	9.8
1973	25.1	8.3	-8.9	-31.0	24.7	-22.7	-7.2	-16.2	0.1	-19.1	3.1	19.8	-2.0
1974	77.3	29.2	-4.1	-70.2	-11.4	-27.6	10.9	10.7	41.8	-24.8	46.7	29.8	9.0
1975	56.6	16.1	-18.4	-3.0	-45.8	-52.9	-7.5	-15.5	31.5	22.3	19.0	6.7	0.8
1976	-12.8	36.3	7.4	-28.9	10.3	-11.1	-46.7	-58.1	19.5	52.3	34.8	11.7	1.2
1977	44.0	50.3	37.4	6.9	-27.6	-23.4	-36.2	-6.3	-6.7	62.2	7.7	39.9	12.3
1978	34.9	26.4	30.9	-27.9	-55.0	-10.6	-2.5	5.6	-4.0	16.6	53.6	41.1	9.1
1979	31.5	-4.9	40.2	6.1	43.0	-0.5	-11.4	26.6	15.5	27.6	42.8	37.5	21.2
1980	24.9	40.0	9.6	-57.4	-43.6	13.7	3.0	13.4	39.2	2.1	4.3	12.1	5.1
1981	-4.1	15.0	39.2	-43.1	38.2	-22.3	6.9	-41.1	52.0	51.9	4.0	-1.7	7.9
1982	37.5	45.2	28.1	-47.1	-1.6	-23.3	-35.4	22.1	36.8	43.9	53.4	40.2	16.7
1983	34.3	-13.7	32.3	23.0	26.2	-14.3	-30.7	-51.0	38.1	20.8	6.4	47.4	9.9
1984	21.4	5.0	-8.2	-21.8	-63.2	-17.6	-15.7	-14.3	18.2	46.0	59.6	66.0	6.3
1985	10.6	8.2	40.2	17.1	-26.0	-5.4	30.9	60.7	21.3	2.3	6.4	54.7	18.4
1986	12.1	-29.2	49.6	15.9	50.0	-27.1	8.3	-5.0	-23.6	26.0	57.4	36.9	14.3
1987	-16.2	2.5	25.1	25.8	-33.4	17.5	-19.5	11.0	25.4	52.0	6.1	30.9	10.6
1988	59.3	2.6	5.4	-15.8	-6.6	-42.3	64.8	33.5	17.8	27.3	0.4	4.1	12.5

maandgemiddelden en -normalen  
jaargemiddelden en -normalen



Berekening:  
Zuidenwind =  $\text{SIN}(((\text{wind in graden} + 270) / 180) \times \pi) \times 100\%$