

Den Helder - zuidcomponent van de wind

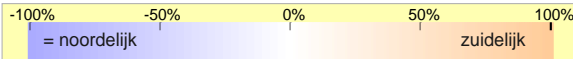
Met links naar gedetailleerde weergegevens vanaf 1975. Klik op de betreffende maand.

Klik op de kaart voor andere weerstations



| | januari | februari | maart | april | mei | juni | juli | augustus | september | oktober | november | december | jaar |
|------|----------------|----------------|-----------------|-----------------|-----------------|----------------|----------------|---------------|-----------------|----------------|----------------|----------------|----------------|
| 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 [24.7] | 40.0 [12.2] | 9.6 [9.4] | -57.4 [15.8] | -43.6 [9.7] | 13.7 [11.1] | 3.0 [8.9] | 13.4 [0.2] | 39.2 [10.6] | 2.1 [21.6] | 4.3 [22.9] | 12.1 [26.4] | 5.1 [6.9] |
| 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 |
| 1989 | 55.2 | 63.9 | 39.7 | -17.1 | -18.8 | -25.6 | -37.2 | 10.0 | -4.9 | 16.2 | 25.6 | 13.7 | 10.1 |
| 1990 | 68.4 [28.8] | 53.4 [12.2] | 17.3 [15.1] | -2.9 [12.7] | -25.2 [7.2] | 9.5 [12.6] | -26.3 [9.7] | -0.8 [1.3] | -27.1 [13.4] | 49.0 [26.0] | -5.1 [22.3] | 2.5 [23.4] | 9.4 [8.1] |
| 1991 | 29.0 | 14.8 | 35.9 | -6.3 | -64.9 | 9.9 | 13.6 | 3.5 | -4.4 | 9.6 | 49.6 | 19.0 | 9.1 |
| 1992 | 0.6 | 38.6 | 21.8 | 12.8 | 0.1 | -53.4 | -6.2 | 36.2 | 45.5 | 0.4 | 27.6 | 36.5 | 13.4 |
| 1993 | 45.7 | 7.7 | 17.0 | 21.1 | -15.0 | -27.7 | 3.9 | -10.2 | -1.8 | 2.9 | 26.1 | 25.8 | 8.0 |
| 1994 | 35.0 | 34.0 | 34.1 | 11.5 | -25.6 | 1.8 | -20.0 | -3.1 | 7.1 | 23.2 | 29.8 | 44.6 | 14.4 |
| 1995 | 34.6 | 32.4 | 17.6 | -41.3 | -14.1 | -41.8 | -0.9 | -60.7 | -2.2 | 55.2 | 25.1 | 17.6 | 1.8 |
| 1996 | 41.7 | 9.3 | -29.7 | 16.1 | -20.7 | -19.4 | -4.3 | 13.3 | -31.2 | 43.8 | 13.6 | 18.5 | 4.3 |
| 1997 | 16.2 | 57.9 | 14.1 | -31.7 | -1.7 | 8.7 | -7.6 | -0.7 | -3.4 | -2.0 | 67.5 | 24.0 | 11.8 |
| 1998 | 29.9 | 38.5 | 6.6 | 24.7 | -27.7 | 39.4 | 6.6 | -15.6 | 24.3 | 11.4 | 30.2 | 32.3 | 16.7 |
| 1999 | 44.7 | -8.5 | 38.1 | 10.8 | 2.1 | 3.2 | -15.5 | -2.0 | 36.9 | 14.0 | 6.4 | 13.5 | 12.0 |
| 2000 | 16.7 [31.9] | 27.5 [21.1] | -17.2 [17.6] | 25.4 [9.7] | -7.8 [12.1] | 5.6 [12.2] | -42.4 [9.0] | 13.2 [1.3] | 44.4 [11.9] | 68.6 [24.5] | 84.4 [27.0] | 46.5 [29.1] | 22.1 [9.9] |
| 2001 | 42.8 | -10.6 | 17.0 | 5.9 | -34.8 | -2.7 | 4.0 | 13.3 | -21.2 | 67.4 | -22.7 | -20.9 | 3.1 |
| 2002 | 65.0 | 31.6 | 15.6 | -17.4 | 28.3 | 34.3 | 1.2 | -13.7 | -28.2 | 16.8 | 54.9 | 18.3 | 17.2 |
| 2003 | 21.2 | 27.3 | -3.8 | -16.0 | 30.5 | 10.4 | 25.4 | -39.0 | 6.5 | -11.0 | 56.8 | 25.9 | 11.2 |
| 2004 | 31.1 | 0.7 | 4.7 | 6.7 | -29.7 | 7.6 | 0.5 | 12.0 | 14.3 | 46.9 | 2.6 | 45.5 | 11.9 |
| 2005 | 8.0 | -9.9 | 9.6 | 22.5 | -4.1 | -2.2 | -12.0 | -9.4 | 17.0 | 39.0 | 18.2 | -2.8 | 6.2 |
| 2006 | 19.4 | -4.1 | 6.1 | -1.4 | 14.5 | -32.0 | -13.4 | -19.7 | 34.8 | 43.4 | 38.8 | 41.7 | 10.7 |
| 2007 | 17.6 | 33.9 | 0.6 | -27.9 | -6.9 | 4.2 | 25.8 | -6.9 | -19.8 | -1.7 | -6.1 | 26.4 | 3.3 |
| 2008 | 55.6 | 43.7 | 4.4 | 19.4 | -36.6 | -4.6 | 14.3 | 47.7 | 17.1 | 41.7 | 17.7 | 12.5 | 19.4 |
| 2009 | 52.9 | -6.0 | 7.5 | -20.1 | 11.6 | -37.9 | 39.8 | 33.6 | -10.5 | 6.8 | 67.6 | 33.1 | 14.9 |
| 2010 | 2.9 [29.6] | 8.4 [17.3] | 10.0 [16.0] | -4.6 [1.9] | -53.6 [10.5] | -40.3 [9.6] | 31.0 [0.3] | 5.7 [0.8] | 3.2 [9.4] | 12.6 [27.5] | 16.2 [27.3] | 0.3 [25.1] | -0.7 [10.9] |
| 2011 | 8.4 | 49.5 | -8.5 | -19.3 | 13.3 | 17.9 | -22.1 | 21.0 | 54.9 | 37.4 | 41.0 | 24.4 | 18.2 |
| 2012 | 8.8 | 12.9 | -0.2 | 18.5 | -22.2 | 10.0 | 18.3 | 37.7 | 29.5 | 23.6 | 55.1 | 36.1 | 19.0 |
| 2013 | 26.4 | -26.2 | -20.5 | -1.2 | -13.9 | -22.6 | -27.1 | 18.6 | 3.2 | 50.3 | -7.3 | 55.9 | 3.0 |
| 2014 | 74.7 | 85.6 | 14.8 | -2.5 | -6.2 | -39.5 | -26.0 | 28.0 | -29.4 | 51.9 | 59.0 | 16.5 | 18.9 |
| 2015 | 41.2 | 8.3 | 5.7 | -25.7 | 19.7 | -8.5 | 24.8 | 29.5 | -0.5 | 3.3 | 40.0 | 72.8 | 17.5 |
| 2016 | 44.3 | 20.5 | -5.4 | 9.4 | -15.7 | -1.4 | 18.1 | 13.1 | 42.4 | -1.4 | 14.3 | 43.5 | 15.1 |
| 2017 | 28.6 [34.2] | 32.7 [22.3] | 30.3 [9.6] | -18.5 [2.2] | -6.4 [11.3] | 13.4 [7.5] | 5.5 [1.2] | 15.3 [6.8] | 29.9 [8.1] | 20.2 [25.6] | 2.6 [27.7] | 20.5 [24.9] | 14.5 [11.6] |

maandgemiddelden en -normalen
jaargemiddelden en -normalen



Berekening:
Zuidenwind = SIN(((wind in graden + 270) / 180) x pi) x 100%