

Monthly Normal and Extreme Wind Data

PDX	Portland International Airport								Jan 1950 to Dec 2023		
	1991-2020 normal		Windiest Month		Highest Sustained ²			Highest Gust ^{2,3}			
	dir.	mph	avg.	year	dir.	mph	date	dir.	mph	year	
January	SE (120°)	9.1	15.1	1995	S	54	15 Jan 1951	S	70	15 Jan 1951	
February	SE (120°)	8.4	12.2	1993	SW	61	24 Feb 1958	S	76	28 Feb 1955	
March	E (110°)	7.5	10.9	1956	S	57	27 Mar 1963	S	71	26 Mar 1971	
April	NW (310°)	7.0	9.2	1981 ⁴	S	60	14 Apr 1957	S	73	14 Apr 1973	
May	NW (330°)	6.6	8.6	1974	SW	42	23 May 1960	SW	51	30 May 1956	
June	NW (330°)	6.8	9.2	1974	SW	40	5 Jun 1958	S	55	5 Jun 1958	
July	NW (330°)	7.0	8.8	1962	SW	33	19 Jul 1983	E	43	9 Jul 2009	
August	NW (330°)	6.6	8.7	1966	S	32	29 Aug 2015	S	43	29 Aug 2015	
September	NW (330°)	6.0	8.0	1961	S	61	9 Sep 1963	S	66	9 Sep 1963	
October	SE (120°)	6.2	8.4	1975	S	88	12 Oct 1962	S	104 ²	12 Oct 1962	
November	SE (120°)	7.9	11.2	1979	SW	56	21 Nov 1961	S	71	14 Nov 1981	
December	SE (120°)	9.0	12.9	1977	S	57	4 Dec 1951	S	74 ³	12 Dec 1995	
For the Year	-----	7.3	8.9	1995+	South	88 mph	12 Oct 1962	South	104 ² mph	12 Oct 1962	

¹Sustained wind listed as the fastest mile speed in a minute, while gusts are instantaneous, usually 2 seconds.

²Gust of 104 mph is estimated. Official gust of 86 mph just as wind equipment lost power. On site weather observer using nearby anemometer estimated gust of 104 mph occurring about 1 hour after power failure at NWS office on Marine Drive. An official gust of 116 mph was measured in Portland on the Morrison Bridge. KGW (downtown Portland) measure 93 mph.

³Gust of 62 mph was measured by ASOS during the 12 Dec 1995 storm. Unofficial 74 mph gust measured by an onsite anemometer. Previous record (2nd strongest gust in December) is South at 72 mph on 17 December 1957.

Top 5 Days with Strongest Wind Gusts (mph)

(Data 1949-2023. Due to complexity of record keeping, only have strongest peak gust for each day)

January		February		March		April	
S 70	15 Jan 1951	S 76	28 Feb 1955	S 71	26 Mar 1971	S 73	14 Apr 1957
S 67	16 Jan 2000	S 68	5 Feb 1965	S 64	1 Mar 1974	S 63	5 Apr 1972
S 66	27 Jan 1958	E 61	3 Feb 1989	S 62	27 Mar 1963	SW 56	7 Apr 2017
S 63	8 Jan 1990	S 61	7 Feb 1950	S 58	15 Mar 2015	SW 55	2 Apr 1982
S 63	29 Jan 1967	S 60	24 Feb 1958 ³	S 58	2 Mar 1999	S 54	12 Mar 1955
May		June		July		August	
SW 51	30 May 1956	S 55	5 Jun 1958	E 43	9 Jul 2009	S 43	29 Aug 2015
W 50	30 May 1955	S 49	4 Jun 2009	W 41	1 Jul 2019	SW 39	6 Aug 1953
SW 48	15 May 1971	S 46	3 Jun 1954	W 41	16 Jul 2007	E 38	20 Aug 1966
W 46	19 May 1993	S 45	21 Jun 1997	NW 35	10 Jul 2006	S 37	26 Aug 1997
S 46	3 May 1975 ³	S 43	9 Jun 1953	SW 35	19 Jul 1983 ³	W 35	29 Aug 2005 ³
September		October		November		December	
S 66	9 Sep 1963	S 104	12 Oct 1962	S 71	14 Nov 1981	S 74	12 Dec 1995
E 52	7 Sep 2020	S 78	2 Oct 1967	S 70	3 Nov 1958	S 72	17 Dec 1957
NW 50	13 Sep 2004	S 76	27 Oct 1950	S 70	14 Nov 1953	S 68	4 Dec 1951
S 47	10 Sep 1967	E 55	30 Oct 2002	S 70	10 Nov 1951	S 67	11 Dec 2014
E 46	16 Sep 1971	SW 53	15 Oct 2016	S 60	15 Nov 2006	S 63	29 Dec 1965

³Most recent year of multiple occurrences with that speed (not necessarily the same direction).