

Monthly Normal and Extreme Wind Data (mph)

Salem's McNary Airport										1954-Dec 2023		
	normal ¹		Windiest		Highest Sustained ²			Highest Gust ²				
	dir.	mph	avg.	year	dir.	mph	date	dir.	mph	year		
Jan	S (190°)	6.8	12.7	1953	S	43	18 Jan 2018 ³	S	64	16 Jan 2000		
Feb	S (190°)	6.9	11.8	1999	S	46	24 Feb 1958	S	60	24 Feb 1958		
Mar	S (190°)	7.3	10.0	1956 ³	S	43	15 Mar 2015 ³	S	68	27 Mar 1963		
Apr	S (190°)	6.8	9.3	1955	S	44	5 Apr 2010 ³	S	60	7 Apr 2017		
May	S (190°)	6.4	8.1	1986	S	33	4 May 2014	SW	46	9 May 2000		
Jun	N (360°)	6.5	8.2	1989	SE	31	4 Jun 2009	S	41	28 Jun 2008		
Jul	N (360°)	6.5	8.2	1988	N	31	31 Jul 2007	W	51	30 Jul 2007		
Aug	N (360°)	6.0	7.4	1968 ³	S	31	29 Aug 2000	N	45	26 Aug 2011		
Sep	N (360°)	5.5	7.9	1958	S	34	17 Sep 1997	S	48	17 Sep 1997		
Oct	S (190°)	5.7	8.7	1956	S	58	12 Oct 1962	S	90	12 Oct 1962		
Nov	S (190°)	7.1	10.4	1988	S	49	23 Nov 1998	S	74	23 Nov 1998		
Dec	S (190°)	7.0	11.1	1949	S	46	12 Dec 1995	S	67	12 Dec 1995		
Year	---	6.5	8.2	1955	South	58 mph	12 Oct 1962	South	90 mph	12 Oct 1962		

¹Normal are the 1991-2020 climate 30-year data normals.

²Sustained wind listed as the fastest mile speed in a minute, while gusts are instantaneous, usually 2 to 3 seconds.

Top 5 Days with Strongest Wind Gusts (mph)

(Data 1949-Dec 2023, due to complexity of record keeping, only have the peak gust for each day)

January		February		March		April	
S 64	16 Jan 2000	S 60	24 Feb 1958	S 68	27 Mar 1963	S 60	7 Apr 2017
S 61	7 Jan 1990	S 58	5 Feb 1965	S 61	1 Mar 1974	SW 59	20 Apr 1997
S 60	11 Jan 1988	S 55	5 Feb 1999	S 58	15 Mar 2015	S 54	5 Apr 2010
S 60	10 Jan 1988	S 54	9 Feb 2015	S 58	26 Mar 1971	S 52	23 Apr 1996
S 58	20 Jan 2004	S 54	23 Feb 1999	S 56	12 Mar 2012	S 49	26 Apr 2010
May		June		July		August	
SW 46	9 May 2000	SW 41	28 Jun 2008	W 51	30 Jul 2007	N 45	26 Aug 2011
SW 45	19 May 1993	SE 39	4 Jun 2009	SW 37	22 Jul 2008	S 40	29 Aug 2015
SW 42	21 May 2006	S 39	3 Jun 2009	NW 36	31 Jul 2007	S 37	23 Aug 2011
W 41	3 May 2011	W 39	9 Jun 2008	NW 36	31 Jul 1991	S 35	6 Aug 2006
SW 41	2 May 2007	S 37	15 Jun 2017	N 35	22 Jul 2011	S 34	25 Aug 2004
September		October		November		December	
S 48	17 Sep 1997	S 90	12 Oct 1962	S 74	23 Nov 1998	S 67	12 Dec 1995
S 47	29 Sep 2013	W 68	2 Oct 1967	S 71	14 Nov 1981	S 61	2 Dec 2007
S 46	28 Sep 2013	SW 57	24 Oct 2021	S 59	19 Nov 1997	S 60	14 Dec 2006
S 45	17 Sep 2019	S 52	15 Oct 2016	S 58	22 Nov 1988	S 58	16 Dec 1961
S 44	17 Sep 2010	S 51	25 Oct 2014	S 55	28 Nov 2001	S 56	11 Dec 1969

³Most recent year of multiple occurrences.