

Salem: Snowfall Records and Extremes 1892-2023

	Days with Measurable ¹ Snow			Consecutive Days w/Snow on Ground		Greatest 24-hr Snowfall			Greatest Snow Depth		
	norm	Most	Year	Least	Year	Snow	Year	Days	Depth	Year	Days
Sep	0	-	-	-	-	-	-	-	-	-	-
Oct	0	1	1935	1	1935	5.0"	1935	31 Oct	5"	1935	31 Oct
Nov	0	2	1985 ²	1	1978+	6.1"	1977	21-2 Nov	4"	1977 ²	22 Nov
Dec	1	9	1968	13	1924	17.5"	1919	10 Dec	13"	1909	6 Dec
Jan	2	19	1950	14	1993	11.0"	1930	15 Jan	16"	1909	13 Jan
Feb	1	5	1952 ²	9	1989	25.0"	1937	1 Feb	24"	1937	1 Feb
Mar	0	8	1951	2	1960	8.5"	1960	2-3 Mar	7"	1960	3 Mar
Apr	0	-	-	-	-	0.1"	1972	8 Apr	T	1948 ²	3 Apr
May	0	-	-	-	-	-	-	-	-	-	-
Winter Season Extremes											
	23	1949-50	14	Jan 1993	25.0"	1 Feb 1937	24"	1 Feb 1937			

¹Measurable defined as 0.1 inch or more of snow.

+Occurred often, most recent year of occurrence listed.

Earliest and Latest Occurring Snowfall (1892-2023)

First Snow of the Winter			Last Snow of the Winter		
	date(s)	snowfall		date(s)	snowfall
<i>At Least a Trace</i>	30 Oct 1935	Trace	<i>At Least a Trace</i>	19 Apr 1961	Trace
<i>≥ 0.1 inch</i>	31 Oct 1935	5.0"	<i>≥ 0.1 inch</i>	8 Apr 1972	0.1"
<i>≥ 1.0 inch</i>	31 Oct 1935	5.0"	<i>≥ 1.0 inch</i>	29 Mar 1936	2.0"
<i>≥ 2.0 inches</i>	31 Oct 1935	5.0"	<i>≥ 2.0 inches</i>	29 Mar 1936	2.0"
<i>≥ 5.0 inches</i>	31 Oct 1935	5.0"	<i>≥ 5.0 inches</i>	2 Mar 1960	6.7"

Regular snowfall measurements at Salem ended in 1995. Snowfall measurements since 1995 are very spotty, and in most cases, not available. This due to automated weather system (ASOS), which is unable to measure snowfall.

Salem's Top 10 Snowiest Days per Month

	November		December		January		February		March	
#1	6.1"	22nd /1977	17.5"	10th /1919	11.0"	15th /1930	25.0"	1st /1937	6.7"	2nd /1960
#2	4.0	16th /1955	7.5	5th /1972	10.8	21st /1943	12.0	19th /1993	4.4	5th /1951
#3	3.0	19th /1897	7.5	27th /1928	7.0	5th /1909	8.0	1st /1899	2.5	8th /1951
#4	1.8	11th /1955	7.0	4th /1909	6.7	31st /1929	6.1	15th /1990	2.0	29th /1936
#5	1.6	30th /1985	6.1	1st /1985	6.4	25th /1969	5.4	23rd /1962	1.8	3rd /1960
#6	1.2	19th /1978	5.4	30th /1968	6.4	22nd /1943	5.1	1st /1989	1.6	9th /1951
#7	1.0	10th /1911	5.0	14th /2016	6.0	18th /1913	4.0	19th /1952	1.5	2nd /1962
#8	0.5	5th /1973	5.0	31st /1923	5.4	26th /1969	4.0	4th /1893	1.5	5th /1956
#9	0.4	23rd /1993	5.0	15th /1922	5.3	13th /1971	3.7	7th /1985	1.5	31st /1920
#10	0.4	22nd /1985	5.0	5th /1909	5.3	12th /1969	3.4	2nd /1989	1.4	4th /1971

Snowiest day in April: **Trace** on 11 Apr 1983 (*last of 12 occurrences*)Snowiest day in October: **5.0"** on 31 Oct 1935*For October, snow has only occurred in 1935. No snow reported in any other October.*