

### Salem's Observed Weather Type Frequency<sup>1</sup>

Salem's hourly observations (1948-1995, pre-ASOS data) were categorized into groups of time. For example, at 10 am in January, snow was observed 4% of time, with rain 24% of the time, and fog 24% of the time. Overall, at 10 am in January, there was an obstruction to visibility 29% of the time.

<b>FG</b>	Fog	<b>RA</b>	Rain and/or Drizzle
<b>SN</b>	Snow and/or Sleet	<b>TS</b>	Thunderstorms
<b>VO</b>	Any obstruction to visibility, including rain, fog, snow, smoke, and blowing snow		

Hour	VO	FG	RA	SN	TS	VO	FG	RA	SN	TS	VO	FG	RA	SN	TS
	January					February					March				
1 am	22	20	24	2	0	13	11	22	1	<1	4	4	23	1	0
4 am	24	22	26	3	0	17	15	22	1	0	7	6	24	<1	0
7 am	24	23	24	4	0	21	20	24	1	0	14	13	22	1	0
10 am	29	24	24	4	0	22	17	25	2	0	11	7	21	1	<1
1 pm	21	16	25	3	<1	11	7	23	1	<1	4	2	22	<1	0
4 pm	16	13	26	3	0	8	5	25	1	<1	3	2	22	<1	0
7 pm	19	15	26	2	0	9	6	24	1	<1	3	2	20	1	0
10 pm	21	17	25	3	0	10	7	22	1	0	2	2	21	1	0
	April					May					June				
1 am	1	1	16	0	0	1	1	11	0	0	1	<1	7	0	0
4 am	3	3	16	<1	0	2	2	12	0	0	2	1	8	0	0
7 am	9	7	17	<1	0	5	4	12	0	0	3	3	9	0	0
10 am	3	2	18	0	0	2	1	12	0	0	1	1	8	0	0
1 pm	1	1	18	0	<1	1	1	11	0	0	1	<1	9	0	<1
4 pm	1	1	16	0	0	1	<1	11	0	1	1	<1	9	0	<1
7 pm	1	1	14	0	<1	1	<1	10	0	<1	<1	<1	7	0	<1
10 pm	1	1	13	0	<1	1	1	10	0	0	<1	<1	5	0	0
	July					August					September				
1 am	<1	<1	2	0	<1	1	1	3	0	<1	5	2	6	0	<1
4 am	1	1	3	0	<1	2	2	4	0	<1	10	8	7	0	0
7 am	2	1	3	0	<1	7	5	5	0	<1	25	18	8	0	<1
10 am	2	<1	3	0	<1	4	1	4	0	0	17	6	6	0	0
1 pm	1	<1	3	0	<1	2	<1	3	0	<1	9	1	7	0	<1
4 pm	1	<1	2	0	<1	2	<1	3	0	<1	5	1	7	0	<1
7 pm	<1	<1	2	0	<1	2	<1	4	0	<1	5	1	6	0	<1
10 pm	<1	<1	2	0	<1	1	<1	3	0	<1	4	1	6	0	0
	October					November					December				
1 am	20	15	13	0	0	25	22	24	<1	<1	26	24	26	2	0
4 am	26	23	13	0	<1	26	25	24	<1	0	26	25	27	2	0
7 am	42	37	13	0	0	32	30	25	<1	0	28	27	27	2	<1
10 am	35	22	15	0	0	32	26	21	1	0	31	28	25	2	0
1 pm	20	7	13	0	0	23	14	22	<1	0	24	18	26	2	0
4 pm	15	5	13	0	0	20	12	25	<1	0	24	17	26	1	<1
7 pm	16	6	11	0	<1	21	14	23	<1	<1	22	19	26	1	0
10 pm	17	10	13	0	0	23	18	22	1	0	25	22	26	2	<1

<sup>1</sup>Total percentages may not add to 100% due to rounding.  
Also, not all weather listed, such as smoke and freezing rain/drizzle, hail, blowing snow/dust.