

Salem's Observed Cloud Cover Frequency

Salem's hourly observations (1948-1995 pre-ASOS data) were categorized into groups of coverage and time. Cloud cover coverage is either clear, scattered or broken clouds, or overcast. For example, at 10 am in January, 5.2% of the time it was clear, but 72.9% of the time, skies were overcast.

CLR	Clear skies	<i>Clear</i>	Less than 10% of sky is covered by clouds
SCT	Scattered clouds	<i>Partly Cloudy</i>	10% to 60% of sky is covered by clouds
BKN	Broken clouds	<i>Mostly Cloudy</i>	60% to 90% of sky is covered by clouds
OVC	Overcast	<i>Cloudy</i>	More than 90% of sky is covered by clouds

Hour	CLR	SCT	BKN	OVC	CLR	SCT	BKN	OVC	CLR	SCT	BKN	OVC
	January				February				March			
1 am	16	9	12	65	18	12	14	57	22	11	16	51
4 am	14	8	9	69	15	8	13	64	19	10	14	57
7 am	10	9	13	69	9	10	18	64	9	12	22	57
10 am	7	8	19	66	9	9	19	64	8	13	23	57
1 pm	7	10	19	65	9	9	22	61	8	12	27	53
4 pm	8	10	19	63	8	12	22	58	7	15	25	53
7 pm	13	10	14	64	13	14	18	55	10	17	23	50
10 pm	14	11	13	62	18	14	15	53	20	14	17	50
All Day	11	9	15	65	12	11	18	59	13	13	21	54
	April				May				June			
1 am	23	14	19	44	29	15	16	40	35	15	15	35
4 am	20	12	18	50	20	16	19	45	22	17	17	44
7 am	12	12	23	53	14	14	22	49	18	14	21	47
10 am	9	12	29	50	12	14	29	46	17	15	25	44
1 pm	9	14	30	47	13	17	32	38	19	18	27	37
4 pm	10	14	29	48	12	22	29	37	18	22	27	33
7 pm	11	20	27	42	14	24	29	34	22	24	26	29
10 pm	23	19	18	41	27	19	18	36	31	20	19	30
All Day	15	15	24	47	18	18	24	41	23	18	22	37
	July				August				September			
1 am	58	10	9	22	53	12	13	23	52	11	10	27
4 am	46	16	11	28	48	11	11	30	47	11	9	33
7 am	38	15	14	33	34	13	17	35	27	17	18	38
10 am	37	17	19	28	32	19	19	30	28	19	22	32
1 pm	43	18	20	20	36	21	22	22	33	18	23	26
4 pm	43	22	20	15	35	26	21	18	32	21	24	24
7 pm	46	24	18	12	36	28	20	16	35	22	20	23
10 pm	57	17	12	15	53	14	13	19	47	17	13	24
All Day	46	17	15	22	41	18	17	24	38	17	17	28
	October				November				December			
1 am	35	14	12	39	15	11	10	64	11	9	10	69
4 am	28	12	12	48	12	10	12	66	10	7	11	72
7 am	14	11	21	54	7	9	16	67	6	8	14	72
10 am	15	14	19	53	7	8	21	64	4	7	17	71
1 pm	19	17	21	42	8	10	22	60	5	7	18	70
4 pm	18	18	25	39	9	12	22	57	5	9	19	67
7 pm	27	17	16	39	14	13	14	60	10	10	13	67
10 pm	33	16	14	37	17	10	14	59	12	9	13	66
All Day	24	14	17	44	11	10	16	62	8	8	14	69