

Cloud Cover Frequency

These are Portland's month's hourly observations (1948-1995), categorized into groups of coverage. For a specified hour, cloud cover coverage is either clear, scattered or broken clouds, or overcast. For example, at 7 am in March, 6.3% of the time it was clear skies, but 65.9% 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			
<i>1 am</i>	13.3	8.0	12.1	66.6	16.6	10.9	13.9	58.7	19.8	9.7	15.9	54.5
<i>4 am</i>	11.4	8.2	10.8	69.6	13.0	7.8	12.4	66.7	15.2	9.5	14.0	61.3
<i>7 am</i>	9.1	7.9	12.6	70.4	7.7	9.4	18.2	64.7	6.3	10.0	17.8	65.9
<i>10 am</i>	7.1	8.2	14.3	70.4	7.3	8.0	16.7	68.0	6.7	10.8	18.5	63.9
<i>1 pm</i>	7.3	9.0	16.7	67.1	7.8	10.5	18.6	63.0	8.4	11.9	23.2	56.6
<i>4 pm</i>	7.5	9.7	14.2	68.6	8.0	11.7	18.7	61.7	6.8	13.8	25.1	54.3
<i>7 pm</i>	12.4	9.5	11.8	66.3	11.5	14.5	16.0	58.1	9.4	15.0	20.9	54.7
<i>10 pm</i>	15.7	8.5	11.3	64.5	16.1	12.3	14.2	57.3	16.4	15.9	17.4	50.2
All Day	10.5	8.6	13.0	67.9	11.0	10.6	16.1	62.3	11.1	12.1	19.1	57.7
	April				May				June			
<i>1 am</i>	19.6	13.2	18.6	48.7	22.9	16.3	17.0	43.8	28.8	14.8	16.3	40.1
<i>4 am</i>	16.7	13.0	15.5	54.9	15.8	14.6	18.4	51.2	18.2	15.5	16.7	49.7
<i>7 am</i>	8.2	9.9	19.3	62.6	9.3	13.0	19.1	58.5	11.6	14.9	17.2	56.4
<i>10 am</i>	8.0	10.7	23.5	57.8	10.4	13.9	22.0	53.7	13.9	14.4	22.2	49.5
<i>1 pm</i>	8.6	14.2	25.2	52.1	11.9	17.5	26.0	44.6	16.7	17.4	25.7	40.1
<i>4 pm</i>	8.7	14.0	25.7	51.6	11.7	18.6	27.6	42.1	17.6	19.2	26.4	36.8
<i>7 pm</i>	8.9	16.7	25.4	49.0	11.9	20.9	27.1	40.0	19.7	20.8	25.6	33.9
<i>10 pm</i>	18.9	17.3	18.9	45.0	21.8	18.9	20.2	39.1	28.9	18.5	18.2	34.5
All Day	12.2	13.6	21.5	52.7	14.5	16.7	22.2	46.6	19.4	16.9	21.0	42.6
	July				August				September			
<i>1 am</i>	49.9	12.8	13.3	24.0	46.9	15.1	12.8	25.3	44.8	14.0	12.4	28.7
<i>4 am</i>	34.8	15.6	14.4	35.2	36.2	13.7	13.5	36.6	34.8	14.3	13.1	37.8
<i>7 am</i>	23.9	15.0	14.4	46.6	17.8	16.7	16.1	46.3	19.2	15.2	17.4	48.2
<i>10 am</i>	30.6	16.4	16.6	36.5	25.2	17.6	18.7	38.5	26.0	17.7	18.9	37.4
<i>1 pm</i>	37.4	19.6	18.4	24.6	32.8	20.9	19.8	26.6	31.0	21.1	19.8	28.0
<i>4 pm</i>	40.2	20.6	19.1	20.1	34.5	24.7	18.8	22.0	32.6	19.2	20.9	27.3
<i>7 pm</i>	43.5	22.0	17.9	16.6	37.5	23.9	18.9	19.8	35.9	21.7	16.5	25.9
<i>10 pm</i>	51.8	17.3	13.3	17.7	49.2	16.6	13.7	20.5	46.6	15.1	13.4	24.9
All Day	39.0	17.4	15.9	27.7	35.0	18.7	16.5	29.8	33.9	17.3	16.6	32.3
	October				November				December			
<i>1 am</i>	26.5	15.9	13.6	44.0	12.4	10.1	13.8	63.7	9.7	8.6	12.3	69.5
<i>4 am</i>	17.8	12.7	15.8	53.7	9.2	8.9	14.5	67.4	9.1	7.5	11.9	71.5
<i>7 am</i>	8.0	11.0	18.2	62.8	5.0	8.9	16.0	70.0	6.2	7.6	12.2	74.0
<i>10 am</i>	12.4	13.3	17.2	57.0	6.2	8.7	17.2	67.9	4.7	6.7	15.1	73.6
<i>1 pm</i>	18.4	16.9	21.6	43.1	7.2	11.4	19.4	61.9	5.3	9.3	15.8	69.6
<i>4 pm</i>	17.7	16.8	23.1	42.4	8.2	12.2	20.1	59.4	5.5	9.8	17.0	67.7
<i>7 pm</i>	24.8	17.7	16.1	41.4	12.6	11.6	16.9	58.9	9.3	9.8	14.0	66.9
<i>10 pm</i>	28.4	17.4	15.6	38.6	14.6	10.2	14.7	60.5	10.4	10.2	13.0	66.4
All Day	19.3	15.2	17.6	47.9	9.4	10.3	16.6	63.7	7.5	8.7	13.9	69.9