U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 11/08/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 19 ft. Lat: 45.5908° N Lon: 122.6003° W

Station: **PORTLAND INTL AP, OR US USW00024229**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	47.5	36.2	41.9	2.8	3.1	2.8	0.2	0.0	0.0	0.0	0.0	0.0	407.8	469.7	562.6	717.7	0.0	0.0	11.2	0.6	8.7	0.0
02	51.5	36.8	44.1	3.5	2.7	2.9	0.4	0.1	0.0	0.0	0.0	0.0	304.2	359.8	443.8	583.8	0.0	0.0	17.6	0.3	7.2	0.0
03	56.8	39.7	48.3	3.1	1.7	2.2	5.9	2.4	0.5	0.0	0.0	0.0	215.1	273.7	364.8	519.3	0.0	0.0	26.6	0.0	2.6	0.0
04	62.0	43.7	52.8	2.8	1.8	2.1	38.6	23.6	10.4	2.1	0.2	0.0	103.0	148.1	224.8	366.6	0.0	0.0	29.4	0.0	0.3	0.0
05	69.3	49.4	59.4	3.8	2.0	2.7	157.9	115.8	67.3	20.9	3.4	1.3	23.1	43.0	87.5	196.0	0.0	0.4	31.0	0.0	0.0	0.0
06	74.3	54.1	64.2	3.3	1.5	2.3	277.4	220.7	143.2	56.0	17.2	10.3	1.4	4.7	17.2	80.0	0.2	1.8	30.0	0.0	0.0	0.0
07	81.9	58.5	70.2	3.2	1.6	2.2	471.1	409.2	316.6	171.3	66.9	42.2	0.0	0.0	0.4	10.2	0.7	5.0	31.0	0.0	0.0	0.0
08	82.3	58.9	70.6	2.0	1.4	1.5	483.5	421.6	328.7	181.0	69.4	42.3	0.0	0.0	0.2	7.4	0.3	5.3	31.0	0.0	0.0	0.0
09	76.7	54.1	65.4	2.8	2.0	1.8	313.3	255.5	174.9	72.8	19.9	9.6	1.4	3.5	13.0	60.9	0.0	2.1	30.0	0.0	0.0	0.0
10	64.4	46.7	55.6	2.1	2.4	1.9	77.9	48.6	20.7	3.6	0.2	0.0	60.8	93.5	158.7	296.5	0.0	0.0	30.7	0.0	0.4	0.0
11	53.5	40.6	47.1	2.2	2.9	2.5	6.4	2.5	0.5	0.0	0.0	0.0	244.9	301.0	389.0	538.5	0.0	0.0	22.2	0.1	4.1	0.0
12	46.9	36.2	41.6	2.2	2.5	2.3	0.5	0.2	0.0	0.0	0.0	0.0	417.4	479.1	571.8	726.9	0.0	0.0	9.0	0.6	8.4	0.0
Summary	63.9	46.2	55.1	2.8	2.1	2.3	1833	1500	1063	508	177	106	1779	2176	2834	4104	1.2	14.6	299.7	1.6	31.7	0.0

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Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	5.03	18.7	12.3	3.3	0.5	3.37	4.82	6.74
02	3.68	15.7	9.3	1.9	0.5	1.93	3.51	4.28
03	3.97	17.8	11.1	2.1	0.3	3.00	3.65	4.69
04	2.89	17.4	9.0	1.1	0.1	1.98	2.89	3.68
05	2.51	13.2	7.3	1.3	0.2	1.55	2.12	3.37
06	1.63	9.2	4.6	0.7	0.1	1.01	1.38	2.10
07	0.51	3.7	1.5	0.2	0.0	0.09	0.49	0.67
08	0.54	3.6	1.6	0.2	0.0	0.10	0.38	0.76
09	1.52	6.7	3.5	0.8	0.3	0.86	1.29	1.92
10	3.42	13.5	7.9	1.8	0.5	1.84	3.14	3.83
11	5.45	18.3	12.2	3.2	0.9	3.29	5.06	6.77
12	5.77	19.2	13.0	3.8	0.9	3.80	5.05	7.28
Summary	36.92	157.0	93.3	20.4	4.3	22.82	33.78	46.09

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	1.70	1.0	0.6	0.2	0.1	0.0	1.3	0.7	0.3	0.0	0.00	0.00	2.00
02	1.20	0.7	0.3	0.2	0.0	0.0	0.7	0.3	0.1	0.0	0.00	0.00	0.10
03	0.10	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
04	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	1.20	0.8	0.5	0.1	0.0	0.0	0.7	0.2	0.2	0.1	0.00	0.00	1.10
Summary	4.2	2.9	1.4	0.5	0.1	0.0	2.7	1.2	0.6	0.1	0.0	0.0	3.2

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Growing Degree Units (Monthly)												
Base	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**
Growing Degree Units (Monthly)												
Base	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**
40	104.1	136.7	258.4	385.5	599.8	726.0	936.2	948.6	762.0	482.2	220.9	97.6
45	30.8	45.3	121.7	237.4	444.8	576.0	781.2	793.6	612.0	329.2	103.0	28.5
50	4.8	8.2	37.0	112.3	292.3	426.0	626.2	638.6	462.0	187.3	32.0	5.2
55	0.2	0.4	5.9	38.6	157.9	277.4	471.1	483.5	313.3	77.9	6.4	0.5
60	0.0	0.0	0.5	10.4	67.3	143.2	316.6	328.7	174.9	20.7	0.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	21.9	46.2	112.4	183.3	321.0	422.1	599.7	612.9	460.4	239.7	70.6	18.0
Growing Degree Units (Accumulated Monthly)												
40	104	241	499	885	1484	2210	3147	4095	4857	5339	5560	5658
45	31	76	198	435	880	1456	2237	3031	3643	3972	4075	4104
50	5	13	50	162	455	881	1507	2145	2607	2795	2827	2832
55	0	1	6	45	203	480	952	1435	1748	1826	1833	1833
60	0	0	0	11	78	221	538	867	1042	1062	1063	1063
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	22	68	180	364	685	1107	1707	2320	2780	3020	3090	3108

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.

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