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

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

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

Current Location: Elev: 370 ft. Lat: 47.4444° N Lon: 122.3139° W

Station: **SEATTLE TACOMA INTL AP, WA US USW00024233**

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	48.0	37.7	42.8	2.9	2.9	2.8	0.1	0.0	0.0	0.0	0.0	0.0	376.8	438.7	531.7	686.7	0.0	0.0	11.7	0.4	7.0	0.0
02	50.3	37.7	44.0	3.1	2.7	2.7	0.4	0.0	0.0	0.0	0.0	0.0	308.3	364.0	448.0	588.0	0.0	0.0	13.1	0.1	5.8	0.0
03	54.2	39.9	47.1	2.8	1.7	2.2	4.0	1.9	0.8	0.2	0.0	0.0	250.5	310.3	402.2	556.6	0.0	0.0	23.0	0.0	1.9	0.0
04	59.3	43.3	51.3	2.5	1.7	1.9	22.6	13.0	5.4	0.9	0.1	0.0	133.6	184.0	266.4	411.9	0.0	0.0	28.3	0.0	0.1	0.0
05	66.3	48.7	57.5	3.1	1.9	2.4	111.6	75.7	38.6	9.3	1.5	0.6	34.1	60.2	116.1	241.8	0.0	0.0	30.9	0.0	0.0	0.0
06	71.1	53.0	62.0	3.0	1.5	2.2	214.8	159.9	91.5	29.4	9.0	5.2	3.3	8.4	30.0	117.9	0.0	0.6	30.0	0.0	0.0	0.0
07	77.4	56.8	67.1	3.0	1.6	2.1	375.1	313.2	222.1	96.1	30.0	17.5	0.0	0.1	2.0	31.1	0.1	1.8	31.0	0.0	0.0	0.0
08	77.6	57.2	67.4	1.9	1.3	1.4	384.4	322.4	230.5	98.1	26.0	13.1	0.0	0.0	1.2	23.7	0.0	1.2	31.0	0.0	0.0	0.0
09	71.6	53.6	62.6	2.4	1.6	1.6	230.1	174.8	103.6	30.4	4.6	1.8	2.1	6.8	25.7	102.4	0.0	0.2	30.0	0.0	0.0	0.0
10	60.5	47.0	53.8	1.7	1.8	1.6	42.5	22.4	7.0	0.5	0.0	0.0	81.2	123.1	200.7	349.3	0.0	0.0	30.1	0.0	0.2	0.0
11	52.1	40.9	46.5	2.3	2.5	2.3	2.9	1.0	0.3	0.0	0.0	0.0	257.9	316.0	405.2	555.0	0.0	0.0	19.0	0.1	3.0	0.0
12	47.0	37.1	42.0	2.3	2.1	2.1	0.4	0.1	0.0	0.0	0.0	0.0	401.7	463.5	556.4	711.4	0.0	0.0	8.5	0.5	7.2	0.0
Summary	61.3	46.1	53.7	2.6	1.9	2.1	1389	1084	700	265	71	38	1849	2275	2986	4376	0.1	3.8	286.6	1.1	25.2	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	5.78	18.7	12.7	3.9	0.9	4.18	5.70	7.12
02	3.76	15.9	9.3	2.4	0.4	2.10	3.46	4.90
03	4.17	17.1	10.9	2.1	0.4	2.76	3.74	4.76
04	3.18	15.0	8.7	1.5	0.3	1.94	3.26	4.27
05	1.88	11.3	5.8	0.9	0.1	1.13	1.93	2.75
06	1.45	9.2	4.3	0.7	0.1	0.96	1.44	1.72
07	0.60	4.7	1.8	0.3	0.0	0.16	0.56	1.04
08	0.97	4.9	2.3	0.6	0.1	0.23	0.65	1.35
09	1.61	8.3	4.2	0.9	0.2	0.79	1.14	2.14
10	3.91	14.3	8.4	2.6	0.7	2.49	3.47	5.13
11	6.31	18.4	12.9	3.9	1.4	4.16	5.55	8.35
12	5.72	18.4	12.1	3.6	1.0	3.94	5.66	7.19
Summary	39.34	156.2	93.4	23.4	5.6	24.84	36.56	50.72

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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	1.80	1.4	0.4	0.3	0.1	0.0	0.9	0.2	0.0	0.0	0.00	0.00	2.40
02	2.20	1.2	0.7	0.2	0.2	0.0	1.1	0.6	0.3	0.0	0.00	0.40	2.10
03	0.40	0.4	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.10
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	0.20	0.2	0.1	0.0	0.0	0.0	0.3	0.1	0.1	0.0	0.00	0.00	0.00
12	1.70	1.5	0.6	0.1	0.0	0.0	1.3	0.4	0.1	0.0	0.00	0.00	1.10
Summary	6.3	4.7	1.9	0.6	0.3	0.0	3.8	1.3	0.5	0.0	0.0	0.4	5.7

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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	127.3	131.1	222.6	339.1	542.5	661.5	840.0	849.3	677.9	426.5	205.5	105.0
45	41.4	42.7	95.1	192.9	387.6	511.5	685.1	694.4	528.0	274.2	88.7	30.2
50	5.9	6.8	25.0	77.2	236.4	361.5	530.1	539.4	378.0	136.7	22.8	4.7
55	0.1	0.4	4.0	22.6	111.6	214.8	375.1	384.4	230.1	42.5	2.9	0.4
60	0.0	0.0	0.8	5.4	38.6	91.5	222.1	230.5	103.6	7.0	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	23.0	34.0	77.6	142.5	269.3	363.6	520.9	532.9	383.3	175.3	51.6	15.9

Growing Degree Units (Accumulated Monthly)

40	127	258	481	820	1363	2024	2864	3713	4391	4818	5023	5128
45	41	84	179	372	760	1271	1956	2651	3179	3453	3542	3572
50	6	13	38	115	351	713	1243	1782	2160	2297	2320	2324
55	0	0	4	27	139	354	729	1113	1343	1386	1388	1389
60	0	0	1	6	45	136	358	589	692	700	700	700
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	23	57	135	277	546	910	1431	1964	2347	2522	2574	2590

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

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