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

Summary of Monthly Normals
1991-2020

Generated on 10/09/2026

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

Current Location: Elev: 1128 ft. Lat: 47.5586° N Lon: 120.6750° W

Station: **LEAVENWORTH 3 S, WA US USC00454572**

Temperature (°F)

	Mean						Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
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	33.5	19.4	26.4	3.6	5.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0	885.0	947.0	1040.0	1195.0	0.0	0.0	0.7	10.4	30.0	1.7
02	42.4	21.1	31.7	4.3	4.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	651.0	707.0	791.0	931.0	0.0	0.0	6.4	2.6	25.8	0.4
03	52.0	26.3	39.2	3.7	2.2	2.8	0.1	0.0	0.0	0.0	0.0	0.0	491.5	553.4	646.4	801.4	0.0	0.0	21.1	0.4	24.9	0.0
04	61.3	32.0	46.7	3.3	2.2	2.4	10.2	5.5	1.7	0.1	0.0	0.0	260.7	315.9	402.2	550.5	0.0	0.0	28.6	0.0	12.3	0.0
05	71.0	39.7	55.4	3.5	2.4	2.8	92.3	64.7	34.9	9.5	1.2	0.3	81.6	116.0	179.1	308.7	0.0	1.4	31.0	0.0	2.0	0.0
06	77.2	45.8	61.5	3.6	2.2	2.7	208.7	161.4	102.8	41.0	12.7	7.2	13.6	26.3	57.7	146.0	0.5	3.8	30.0	0.0	0.0	0.0
07	87.0	51.0	69.0	3.7	2.1	2.7	434.6	374.2	287.0	158.6	66.0	41.2	0.7	2.3	8.1	34.7	2.5	14.4	31.0	0.0	0.0	0.0
08	86.9	50.3	68.6	2.5	2.0	1.9	422.3	361.5	273.5	144.9	55.1	32.3	0.8	1.9	7.0	33.4	2.0	14.3	31.0	0.0	0.0	0.0
09	77.9	41.7	59.8	3.5	2.3	2.3	171.7	130.2	80.2	27.0	4.7	1.3	27.8	46.3	86.3	183.1	0.0	4.8	29.9	0.0	0.6	0.0
10	62.1	33.1	47.6	3.2	2.8	2.3	16.9	9.8	3.6	0.3	0.0	0.0	246.3	301.2	388.0	539.7	0.0	0.1	28.5	0.0	11.7	0.0
11	43.9	26.2	35.0	2.5	3.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	598.5	658.5	748.5	898.5	0.0	0.0	9.0	1.9	22.5	0.0
12	33.6	20.0	26.8	2.6	4.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	874.1	936.1	1029.1	1184.1	0.0	0.0	0.5	10.2	29.9	0.2
Summary	60.7	33.9	47.3	3.3	2.9	2.8	1357	1107	784	381	140	82	4132	4612	5383	6806	5.0	38.8	247.7	25.5	159.7	2.3

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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	4.12	14.0	9.4	2.4	0.5	3.08	4.04	5.10
02	2.90	10.6	7.6	2.1	0.3	1.69	2.41	3.94
03	2.46	9.3	6.0	1.4	0.3	1.59	2.12	3.22
04	1.22	7.0	3.8	0.7	0.1	0.61	1.01	1.69
05	1.40	6.7	3.3	0.6	0.0	0.54	1.12	1.82
06	1.04	5.6	3.0	0.4	0.0	0.54	0.81	1.38
07	0.45	2.8	1.3	0.2	0.0	0.15	0.40	0.71
08	0.37	2.4	1.2	0.2	0.0	0.00	0.14	0.59
09	0.76	4.0	1.9	0.4	0.0	0.10	0.41	1.05
10	2.37	8.9	5.4	1.7	0.6	1.27	2.21	3.39
11	4.08	13.7	9.0	2.6	0.6	2.48	3.98	5.12
12	4.52	14.0	10.6	3.3	0.9	2.70	4.22	5.90
Summary	25.69	99.0	62.5	16.0	3.3	14.75	22.87	33.91

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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	22.10	8.7	6.7	3.3	1.8	0.2					9.50	19.90	32.60
02	12.60	5.1	3.4	1.6	0.8	0.2					2.00	9.70	14.20
03	4.70	2.7	1.7	0.5	0.1	0.0					0.60	3.50	7.00
04	0.00	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					0.00	0.00	0.00
06	0.00	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					0.00	0.00	0.00
08	0.00	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					0.00	0.00	0.00
10	0.30	0.2	0.2	0.0	0.0	0.0					0.00	0.00	0.00
11	8.10	3.3	2.4	1.0	0.4	0.0					5.30	7.50	13.10
12	32.40	8.9	7.6	4.2	2.1	0.5					14.90	32.30	44.60
Summary	80.2	28.9	22.0	10.6	5.2	0.9	0.0	0.0	0.0	0.0	32.3	72.9	111.5

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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	0.2	4.7	56.9	207.9	475.9	645.1	898.9	886.5	594.0	250.1	24.3	0.3
45	0.0	0.4	13.4	97.4	324.8	495.1	743.9	731.5	444.6	129.0	4.9	0.0
50	0.0	0.0	2.2	36.2	190.8	346.3	589.0	576.6	299.4	52.7	0.4	0.0
55	0.0	0.0	0.1	10.2	92.3	208.7	434.6	422.3	171.7	16.9	0.0	0.0
60	0.0	0.0	0.0	1.7	34.9	102.8	287.0	273.5	80.2	3.6	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.6	10.2	69.0	173.7	322.8	405.1	548.6	546.1	405.4	196.1	17.0	0.3

Growing Degree Units (Accumulated Monthly)

40	0	5	62	270	746	1391	2290	3176	3770	4020	4044	4045
45	0	0	14	111	436	931	1675	2406	2851	2980	2985	2985
50	0	0	2	38	229	576	1164	1741	2040	2093	2094	2094
55	0	0	0	10	103	311	746	1168	1340	1357	1357	1357
60	0	0	0	2	37	139	426	700	780	784	784	784
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	11	80	254	576	981	1530	2076	2482	2678	2695	2695

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

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