

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1749 ft. Lat: 48.4742° N Lon: 120.1886° W

Station: WINTHROP 1 WSW, WA US USC00459376

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	29.9	15.4	22.6	3.4	4.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1002.8	1064.8	1157.8	1312.8	0.0	0.0	0.1	16.7	30.4	3.5
02	38.4	18.0	28.2	4.0	4.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	750.3	806.3	890.3	1030.4	0.0	0.0	1.2	4.4	26.4	1.4
03	50.0	25.4	37.7	4.1	2.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	536.4	598.4	691.4	846.3	0.0	0.0	16.5	0.3	26.5	0.0
04	61.1	32.2	46.7	3.3	1.7	2.2	8.8	4.6	1.4	0.0	0.0	0.0	259.3	315.1	401.9	550.5	0.0	0.0	29.0	0.0	15.3	0.0
05	71.1	39.7	55.4	3.5	2.3	2.7	87.6	58.1	28.1	4.7	0.5	0.2	75.3	107.8	170.8	302.4	0.0	0.5	31.0	0.0	4.5	0.0
06	76.7	45.9	61.3	3.3	1.8	2.4	198.8	149.4	89.2	29.9	7.5	3.7	9.8	20.3	50.1	140.9	0.1	2.1	30.0	0.0	0.2	0.0
07	85.8	50.8	68.3	3.5	2.0	2.5	412.5	351.3	262.8	133.1	44.8	24.3	0.3	1.1	5.7	30.9	0.7	11.5	31.0	0.0	0.0	0.0
08	85.6	49.3	67.5	2.4	1.8	1.9	386.9	326.6	239.8	114.1	33.5	16.8	1.0	2.7	8.9	38.2	0.3	10.4	31.0	0.0	0.0	0.0
09	77.0	41.2	59.1	3.3	2.0	2.1	157.2	117.1	68.1	19.7	2.5	0.8	34.3	54.2	95.2	196.7	0.0	2.3	29.9	0.0	2.7	0.0
10	60.9	31.9	46.4	2.9	2.7	2.1	13.0	7.2	2.2	0.2	0.0	0.0	279.7	335.8	423.8	576.8	0.0	0.0	28.5	0.0	16.5	0.0
11	41.2	24.5	32.9	3.5	4.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0	664.5	724.5	814.5	964.5	0.0	0.0	6.0	3.6	23.9	0.3
12	29.2	15.4	22.3	2.8	4.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	1013.5	1075.5	1168.5	1323.6	0.0	0.0	0.0	19.4	30.7	2.6
Summary	58.9	32.5	45.7	3.3	2.9	2.8	1265	1014	692	302	89	46	4627	5106	5879	7314	1.1	26.8	234.2	44.4	177.1	7.8

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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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	2.06	12.3	6.7	0.8	0.1	1.22	1.95	2.81	
02	1.28	8.7	4.3	0.3	0.0	0.75	1.12	1.76	
03	1.23	7.9	4.1	0.5	0.1	0.61	1.01	1.33	
04	0.84	6.5	2.4	0.4	0.1	0.32	0.63	1.09	
05	1.13	7.6	3.4	0.4	0.1	0.67	0.95	1.40	
06	1.09	7.3	3.4	0.3	0.1	0.58	0.93	1.39	
07	0.69	4.4	1.8	0.3	0.0	0.18	0.45	0.86	
08	0.45	3.8	1.3	0.1	0.0	0.06	0.32	0.69	
09	0.45	4.3	1.4	0.1	0.0	0.09	0.28	0.51	
10	1.37	8.5	3.8	0.7	0.2	0.56	1.29	2.01	
11	2.03	12.3	5.8	0.7	0.2	1.16	2.20	2.70	
12	2.57	13.3	7.2	1.3	0.2	1.61	2.29	3.27	
Summary	15.19	96.9	45.6	5.9	1.1	7.81	13.42	19.82	

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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	16.60	10.1	6.2	2.1	0.8	0.1	31.0	30.2	30.1	27.7	9.30	14.50	21.90
02	8.80	5.0	3.4	0.9	0.2	0.0	28.2	28.0	27.4	23.0	3.30	7.30	10.20
03	3.40	2.1	1.5	0.3	0.0	0.0	20.8	19.4	17.4	12.3	0.40	2.10	5.90
04	0.10	0.2	0.0	0.0	0.0	0.0	0.4	0.1	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	1.10	0.5	0.4	0.2	0.0	0.0	0.3	0.2	0.1	0.0	0.00	0.00	0.10
11	7.60	4.6	2.5	0.9	0.4	0.1	10.0	5.6	3.7	0.8	0.50	5.70	10.70
12	21.80	11.7	7.3	2.8	1.1	0.1	28.0	25.2	21.6	12.4	11.60	18.00	24.80
Summary	59.4	34.2	21.3	7.2	2.5	0.3	118.7	108.7	100.3	76.2	25.1	47.6	73.6

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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	0.0	1.1	43.1	207.6	477.4	639.0	877.2	850.9	573.0	218.9	19.8	0.1
45	0.0	0.0	8.9	97.6	325.9	489.1	722.2	695.9	423.8	107.5	3.0	0.0
50	0.0	0.0	1.1	34.0	190.4	340.2	567.2	540.9	280.4	43.0	0.2	0.0
55	0.0	0.0	0.0	8.8	87.6	198.8	412.5	386.9	157.2	13.0	0.0	0.0
60	0.0	0.0	0.0	1.4	28.1	89.2	262.8	239.8	68.1	2.2	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	2.3	47.8	168.8	326.5	403.4	547.6	539.5	400.5	179.0	9.9	0.1

Growing Degree Units (Accumulated Monthly)												
40	0	1	44	252	729	1368	2245	3096	3669	3888	3908	3908
45	0	0	9	106	432	922	1644	2340	2763	2871	2874	2874
50	0	0	1	35	226	566	1133	1674	1954	1997	1997	1997
55	0	0	0	9	96	295	708	1095	1252	1265	1265	1265
60	0	0	0	1	30	119	382	621	689	692	692	692
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	50	219	546	949	1496	2036	2436	2616	2625	2626

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