

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1554 ft. Lat: 48.5678° N Lon: 117.9356° W
Station: COLVILLE, WA US USC00451630
Generated on 04/27/2024

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	34.3	23.2	28.8	3.1	5.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	813.7	875.7	968.7	1123.7	0.0	0.0	0.2	10.3	26.5	1.5
02	41.9	23.9	32.9	4.4	5.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	618.7	674.7	758.7	898.8	0.0	0.0	4.3	3.2	23.4	0.8
03	52.8	29.5	41.1	3.6	3.1	3.0	0.6	0.2	0.0	0.0	0.0	0.0	430.1	491.6	584.4	739.4	0.0	0.0	20.0	0.3	20.3	0.1
04	62.5	35.3	48.9	3.7	2.4	2.6	19.1	11.3	4.6	0.4	0.0	0.0	202.1	254.2	337.5	483.4	0.0	0.0	28.4	0.0	11.1	0.0
05	72.2	43.0	57.6	3.5	2.3	2.8	129.4	92.2	50.3	13.3	1.4	0.5	48.9	73.6	124.7	242.8	0.0	1.0	31.0	0.0	2.3	0.0
06	78.3	48.6	63.4	3.7	2.1	2.6	258.9	205.0	133.2	50.2	14.0	7.7	5.3	11.5	29.6	96.6	0.3	2.9	30.0	0.0	0.0	0.0
07	88.4	52.6	70.5	4.6	2.7	3.3	480.5	418.9	328.2	190.5	83.5	53.3	0.2	0.6	2.8	20.1	2.1	15.0	31.0	0.0	0.0	0.0
08	88.5	51.0	69.7	2.4	2.6	2.0	457.3	395.8	305.3	168.3	66.1	38.9	0.2	0.7	3.2	21.1	2.2	14.7	31.0	0.0	0.0	0.0
09	78.2	43.8	61.0	3.8	2.5	2.6	203.0	157.4	98.8	35.3	7.2	3.0	23.2	37.5	68.9	155.3	0.1	4.3	29.9	0.0	0.9	0.0
10	60.6	34.5	47.5	3.2	3.4	2.8	19.5	11.2	3.7	0.2	0.0	0.0	250.4	304.1	389.6	541.1	0.0	0.0	27.1	0.0	12.9	0.0
11	43.5	28.9	36.2	2.9	3.7	3.1	0.1	0.0	0.0	0.0	0.0	0.0	564.0	624.0	714.0	864.0	0.0	0.0	7.5	1.9	18.8	0.1
12	34.2	23.5	28.8	3.0	3.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	810.4	872.5	965.5	1120.6	0.0	0.0	0.5	10.9	27.4	0.7
Summary	61.3	36.5	48.9	3.5	3.3	3.1	1568	1292	924	458	172	103	3767	4221	4948	6307	4.7	37.9	240.9	26.6	143.6	3.2

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	2.20	11.9	6.8	0.9	0.0	1.56	2.02	2.81	
02	1.47	9.5	5.4	0.6	0.0	0.84	1.35	1.83	
03	1.89	11.4	6.4	0.9	0.1	1.08	1.73	2.57	
04	1.53	9.5	4.8	0.5	0.0	1.03	1.54	2.02	
05	1.93	10.3	5.8	1.0	0.1	1.11	1.71	2.17	
06	2.14	8.9	5.2	1.2	0.3	1.17	2.09	2.76	
07	0.83	4.7	2.9	0.3	0.1	0.23	0.57	0.95	
08	0.68	3.6	1.7	0.3	0.0	0.30	0.56	0.97	
09	0.72	4.9	2.6	0.2	0.0	0.47	0.60	0.81	
10	1.51	9.1	4.4	0.6	0.1	0.96	1.37	1.74	
11	2.19	12.2	7.3	0.8	0.1	1.54	2.14	2.45	
12	2.80	11.9	7.5	0.9	0.2	1.97	2.62	3.70	
Summary	19.89	107.9	60.8	8.2	1.0	12.26	18.30	24.78	

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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	14.50	7.6	5.4	1.8	0.3	0.0	25.0	19.2	14.2	6.8	9.40	13.80	19.40
02	5.40	4.3	2.3	0.6	0.2	0.0	14.4	10.1	7.3	3.1	2.80	5.00	6.00
03	2.70	2.0	1.3	0.3	0.1	0.0	2.5	1.3	0.9	0.6	1.00	1.00	3.40
04	0.20	0.2	0.1	0.1	0.0	0.0	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	5.60	3.0	2.0	1.0	0.3	0.0	2.6	1.9	1.3	0.4	0.00	3.00	6.00
12	15.00	7.7	5.6	1.8	0.5	0.0	16.0	8.7	5.9	1.2	8.70	10.90	21.40
Summary	43.4	24.9	16.7	5.6	1.4	0.0	60.6	41.2	29.6	12.1	21.9	33.7	56.2

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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	1.7	10.8	95.9	270.2	545.5	703.6	945.3	922.1	630.0	251.4	39.9	3.0
45	0.1	1.6	28.4	141.1	392.1	553.6	790.2	767.0	480.7	133.7	11.1	0.4
50	0.0	0.0	4.4	57.7	248.5	403.9	635.3	612.1	335.4	58.5	1.4	0.0
55	0.0	0.0	0.6	19.1	129.4	258.9	480.5	457.3	203.0	19.5	0.1	0.0
60	0.0	0.0	0.0	4.6	50.3	133.2	328.2	305.3	98.8	3.7	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.4	6.7	74.0	189.7	346.5	433.1	576.0	565.7	413.4	174.6	15.3	0.5

Growing Degree Units (Accumulated Monthly)												
40	2	12	108	379	924	1628	2573	3495	4125	4376	4416	4419
45	0	2	30	171	563	1117	1907	2674	3155	3288	3300	3300
50	0	0	4	62	311	714	1350	1962	2297	2356	2357	2357
55	0	0	1	20	149	408	888	1346	1549	1568	1568	1568
60	0	0	0	5	55	188	516	822	920	924	924	924
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	7	81	271	617	1050	1626	2192	2606	2780	2795	2796

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