

Summary of Monthly Normals
1991-2020

Current Location: Elev: 62 ft. Lat: 45.6353° N Lon: 121.9522° W
Station: **BONNEVILLE DAM, OR US USC00350897**
Generated on 04/30/2024

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	42.7	34.3	38.5	3.4	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	511.5	573.5	666.5	821.5	0.0	0.0	6.3	2.0	9.5	0.0
02	47.2	35.5	41.3	3.7	2.7	3.1	0.1	0.0	0.0	0.0	0.0	0.0	382.2	438.2	522.2	662.2	0.0	0.0	12.6	0.8	7.2	0.0
03	53.3	38.0	45.6	3.3	2.0	2.5	2.2	0.8	0.2	0.0	0.0	0.0	292.1	352.7	445.0	599.9	0.0	0.0	23.2	0.1	3.5	0.0
04	59.4	42.2	50.8	2.8	1.9	2.2	25.1	15.0	6.0	1.0	0.1	0.0	151.0	200.9	282.0	427.0	0.0	0.0	28.2	0.0	0.3	0.0
05	66.5	47.6	57.0	3.3	2.0	2.5	111.0	77.9	42.4	11.4	1.6	0.6	47.5	76.4	133.9	257.9	0.0	0.2	30.9	0.0	0.0	0.0
06	71.6	52.3	61.9	3.2	1.9	2.3	214.8	163.1	99.4	36.5	10.7	6.2	6.3	14.6	40.9	128.0	0.2	1.2	30.0	0.0	0.0	0.0
07	79.0	57.1	68.1	3.3	1.7	2.3	404.6	342.9	252.3	122.0	41.6	24.5	0.1	0.4	2.8	27.6	0.6	3.8	31.0	0.0	0.0	0.0
08	79.7	57.5	68.6	2.1	1.5	1.5	421.6	359.8	267.8	130.4	41.8	22.5	0.1	0.2	1.3	18.8	0.2	3.9	31.0	0.0	0.0	0.0
09	74.2	53.1	63.6	2.3	2.0	1.8	262.8	207.4	134.7	50.9	12.0	5.4	3.4	8.0	25.3	91.5	0.0	1.4	30.0	0.0	0.0	0.0
10	62.4	46.6	54.5	2.2	2.1	1.9	62.7	39.0	17.5	3.4	0.4	0.1	78.2	116.5	188.0	328.9	0.0	0.0	30.3	0.0	0.3	0.0
11	50.1	39.8	45.0	2.3	2.7	2.4	2.4	0.8	0.2	0.0	0.0	0.0	303.8	362.3	451.7	601.5	0.0	0.0	18.3	0.2	3.1	0.0
12	42.4	34.7	38.5	2.1	2.2	2.1	0.2	0.0	0.0	0.0	0.0	0.0	510.1	571.9	664.8	819.8	0.0	0.0	5.3	1.6	9.0	0.0
Summary	60.7	44.9	52.8	2.8	2.2	2.3	1508	1207	820	356	108	59	2286	2716	3424	4785	1.0	10.5	277.1	4.7	32.9	0.0

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	11.31	21.6	16.2	8.6	3.4	7.81	11.52	13.35	
02	8.67	18.2	13.5	6.1	2.2	6.50	8.25	9.64	
03	9.13	20.2	15.8	6.7	2.2	5.51	8.08	11.17	
04	6.47	18.8	14.1	4.8	1.0	4.10	6.61	7.89	
05	4.08	14.5	9.4	2.6	0.7	2.30	4.46	5.39	
06	3.21	11.2	7.3	2.1	0.5	2.04	3.31	3.74	
07	0.60	4.2	1.8	0.2	0.0	0.10	0.54	0.94	
08	0.90	3.7	2.0	0.5	0.1	0.11	0.43	1.30	
09	2.62	7.8	5.0	1.9	0.7	1.19	2.39	3.74	
10	7.30	15.4	11.1	5.0	2.3	4.81	6.73	9.62	
11	12.48	21.1	16.8	9.0	3.6	7.62	13.24	15.54	
12	13.45	22.1	17.2	9.7	4.7	10.09	12.66	15.86	
Summary	80.22	178.8	130.2	57.2	21.4	52.18	78.22	98.18	

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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	3.50	1.6	0.9	0.5	0.2	0.0	2.2	1.5	1.3	0.5	0.00	0.00	4.00
02	3.40	1.2	0.8	0.5	0.3	0.0	1.7	1.3	0.9	0.3	0.00	0.00	3.10
03	0.30	0.2	0.2	0.0	0.0	0.0	0.2	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	0.20	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
12	2.90	1.4	0.9	0.4	0.1	0.0	1.7	1.2	0.7	0.2	0.00	0.40	5.00
Summary	10.3	4.5	2.9	1.4	0.6	0.0	5.9	4.1	2.9	1.0	0.0	0.4	12.1

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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	50.6	82.8	186.1	324.2	528.5	658.5	869.4	886.5	709.4	449.9	169.1	48.3
45	10.3	18.7	72.0	181.5	373.8	508.5	714.5	731.6	559.5	298.6	68.0	11.0
50	0.9	1.7	17.1	76.4	226.2	358.6	559.5	576.6	409.8	161.3	17.6	1.5
55	0.0	0.1	2.2	25.1	111.0	214.8	404.6	421.6	262.8	62.7	2.4	0.2
60	0.0	0.0	0.2	6.0	42.4	99.4	252.3	267.8	134.7	17.5	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	7.7	19.6	72.8	145.2	269.1	365.0	543.1	561.9	415.3	206.1	42.6	6.6

Growing Degree Units (Accumulated Monthly)												
40	51	133	320	644	1172	1831	2700	3587	4296	4746	4915	4963
45	10	29	101	282	656	1165	1879	2611	3170	3469	3537	3548
50	1	3	20	96	322	681	1240	1817	2227	2388	2406	2407
55	0	0	2	27	138	353	758	1179	1442	1505	1507	1508
60	0	0	0	6	49	148	400	668	803	820	820	820
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	27	100	245	514	879	1422	1984	2400	2606	2648	2655

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