

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 3063 ft. Lat: 44.4233° N Lon: 118.9594° W

Station: JOHN DAY, OR US USC00354291

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	40.3	21.2	30.8	3.6	3.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	751.8	813.8	906.8	1061.8	0.0	0.0	6.1	3.4	27.4	0.4
02	44.8	22.6	33.7	4.2	3.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	596.3	652.3	736.3	876.4	0.0	0.0	10.5	1.9	23.3	0.2
03	51.5	26.4	38.9	3.7	2.1	2.5	0.3	0.0	0.0	0.0	0.0	0.0	498.0	559.7	652.7	807.6	0.0	0.0	20.6	0.2	23.5	0.0
04	57.3	30.3	43.8	3.3	1.9	2.4	6.3	3.2	0.8	0.0	0.0	0.0	342.1	399.0	486.6	636.0	0.0	0.0	25.3	0.0	16.4	0.0
05	66.4	37.1	51.8	4.1	2.2	2.8	54.5	36.1	17.3	3.3	0.3	0.1	155.3	199.0	273.1	414.0	0.0	0.6	30.2	0.0	5.5	0.0
06	74.5	42.7	58.6	3.6	1.9	2.5	151.3	112.8	68.0	22.9	5.3	2.3	43.2	64.7	109.9	214.9	0.2	3.2	29.9	0.0	0.2	0.0
07	86.2	47.8	67.0	4.4	2.5	3.2	374.5	315.5	232.3	114.5	37.8	20.7	2.8	5.8	15.6	52.6	1.7	15.6	31.0	0.0	0.0	0.0
08	85.8	46.1	65.9	2.4	2.0	1.9	343.4	285.3	202.9	90.5	25.2	11.8	4.1	8.0	18.6	61.1	1.3	13.8	31.0	0.0	0.0	0.0
09	76.7	39.1	57.9	3.1	2.8	2.2	143.3	106.8	62.3	17.7	2.2	0.7	56.5	80.0	125.5	230.7	0.2	5.0	29.8	0.0	2.5	0.0
10	62.2	31.1	46.7	3.2	2.9	2.6	17.7	9.7	3.4	0.3	0.0	0.0	276.5	330.5	417.2	569.1	0.0	0.2	28.4	0.1	14.4	0.0
11	47.5	25.6	36.6	3.9	3.5	3.3	0.2	0.0	0.0	0.0	0.0	0.0	553.7	613.5	703.5	853.5	0.0	0.0	14.5	1.0	21.9	0.2
12	39.0	20.8	29.9	2.6	3.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	777.8	839.8	932.8	1088.0	0.0	0.0	5.5	4.3	27.2	0.5
Summary	61.0	32.6	46.8	3.5	2.7	2.8	1092	869	587	249	71	36	4058	4566	5379	6866	3.4	38.4	262.8	10.9	162.3	1.3

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

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

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

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	1.09	10.6	3.8	0.2	0.0	0.53	1.06	1.46	
02	0.60	8.7	2.7	0.1	0.0	0.33	0.49	0.87	
03	1.14	10.4	4.1	0.3	0.0	0.65	0.94	1.37	
04	1.49	11.9	5.3	0.2	0.0	1.17	1.49	1.81	
05	1.83	12.0	6.1	0.8	0.0	0.88	1.69	2.33	
06	1.30	8.5	4.4	0.5	0.0	0.86	1.15	1.75	
07	0.43	3.3	1.7	0.1	0.0	0.08	0.28	0.56	
08	0.50	3.1	1.4	0.2	0.1	0.12	0.26	0.77	
09	0.52	4.4	1.8	0.1	0.0	0.16	0.43	0.67	
10	1.04	8.2	3.8	0.3	0.0	0.79	0.98	1.41	
11	1.19	10.6	4.3	0.3	0.0	0.63	1.12	1.64	
12	1.14	11.3	3.9	0.1	0.0	0.56	1.17	1.43	
Summary	12.27	103.0	43.3	3.2	0.1	6.76	11.06	16.07	

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

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	3.0	1.8	0.4	0.2	0.0					0.20	1.80	5.30
02	1.40	1.8	0.7	0.2	0.0	0.0					0.00	0.50	2.00
03	1.20	1.2	0.7	0.1	0.1	0.0					0.00	0.00	1.70
04	0.30	0.6	0.2	0.0	0.0	0.0					0.00	0.00	0.50
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	0.20	0.1	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	1.00	1.2	0.7	0.1	0.0	0.0					0.00	0.00	1.10
12	2.00	2.7	1.5	0.2	0.0	0.0					0.30	1.00	3.00
Summary	9.6	10.6	5.6	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.5	3.3	13.6

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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	7.8	18.5	67.7	147.5	367.7	558.2	836.8	804.4	537.9	232.4	53.1	10.2
45	0.7	2.8	19.4	66.9	231.1	409.9	681.8	649.4	391.5	123.9	18.3	2.0
50	0.0	0.1	3.6	24.2	125.1	270.5	527.1	495.0	255.8	54.0	4.0	0.2
55	0.0	0.0	0.3	6.3	54.5	151.3	374.5	343.4	143.3	17.7	0.2	0.0
60	0.0	0.0	0.0	0.8	17.3	68.0	232.3	202.9	62.3	3.4	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	5.5	21.1	68.8	125.5	255.1	363.5	524.7	517.8	389.2	199.3	42.3	4.7

Growing Degree Units (Accumulated Monthly)												
40	8	26	94	242	609	1167	2004	2809	3346	3579	3632	3642
45	1	4	23	90	321	731	1413	2062	2454	2577	2596	2598
50	0	0	4	28	153	424	951	1446	1701	1755	1759	1760
55	0	0	0	7	61	212	587	930	1074	1091	1092	1092
60	0	0	0	1	18	86	318	521	584	587	587	587
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	27	95	221	476	840	1364	1882	2271	2470	2513	2518

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