

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 3945 ft. Lat: 46.0336° N Lon: 116.3919° W
Station: COTTONWOOD 2 WSW, ID US USC00102159

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	37.1	24.7	30.9	3.0	3.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	747.2	809.2	902.2	1057.2	0.0	0.0	0.9	8.0	26.5	0.3
02	40.2	26.3	33.3	4.0	3.6	3.7	0.0	0.0	0.0	0.0	0.0	0.0	608.9	664.8	748.9	888.9	0.0	0.0	3.4	4.6	22.1	0.3
03	47.6	30.5	39.0	3.6	2.4	2.9	0.3	0.1	0.0	0.0	0.0	0.0	494.9	556.7	649.6	804.6	0.0	0.0	12.6	0.9	19.0	0.0
04	53.9	35.1	44.5	3.0	2.2	2.5	9.5	5.0	1.4	0.0	0.0	0.0	324.4	379.8	466.2	614.9	0.0	0.0	20.1	0.0	11.2	0.0
05	63.0	42.2	52.6	3.4	2.2	2.8	66.3	46.1	23.4	5.5	0.4	0.1	140.9	182.7	252.9	390.0	0.0	0.0	28.6	0.0	2.5	0.0
06	69.4	48.1	58.7	3.3	2.5	2.9	156.0	119.0	73.9	27.8	8.1	4.5	43.4	66.3	111.2	215.1	0.0	0.4	29.6	0.0	0.1	0.0
07	80.6	56.1	68.3	4.2	3.4	3.8	416.9	358.8	276.2	154.6	65.5	41.3	3.3	7.3	17.7	51.0	0.0	3.9	31.0	0.0	0.0	0.0
08	81.4	55.9	68.6	2.6	1.9	2.2	426.9	367.9	282.4	155.9	63.4	38.6	3.9	6.9	14.4	42.9	0.0	4.2	31.0	0.0	0.0	0.0
09	72.2	48.7	60.4	3.3	2.0	2.6	205.4	164.7	112.1	47.2	12.5	5.7	42.0	61.3	98.8	183.8	0.0	0.6	29.6	0.0	0.3	0.0
10	57.4	38.7	48.0	3.3	2.6	2.9	34.2	23.1	11.9	2.5	0.2	0.0	249.6	300.5	382.3	527.9	0.0	0.0	24.2	0.4	5.9	0.0
11	43.6	29.9	36.8	3.7	3.3	3.4	0.9	0.3	0.0	0.0	0.0	0.0	548.4	607.7	697.5	847.4	0.0	0.0	7.1	3.3	19.1	0.0
12	35.8	23.6	29.7	2.6	3.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	784.0	845.9	939.0	1094.0	0.0	0.0	0.9	9.5	27.6	0.4
Summary	56.9	38.3	47.6	3.3	2.7	3.0	1316	1085	781	393	150	90	3991	4489	5281	6718	0.0	9.1	219.0	26.7	134.3	1.0

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	1.81	12.6	6.0	0.4	0.0	1.27	1.77	2.48	
02	1.64	10.9	5.9	0.5	0.0	0.86	1.38	2.31	
03	2.12	13.0	7.0	0.7	0.0	1.22	1.78	2.54	
04	2.67	14.8	8.1	1.1	0.1	1.84	2.66	3.22	
05	2.78	14.8	8.1	1.5	0.3	1.70	2.50	3.59	
06	2.64	12.2	6.6	1.6	0.2	1.98	2.53	3.07	
07	1.16	5.5	3.1	0.7	0.1	0.28	0.69	1.90	
08	0.84	5.2	2.4	0.4	0.1	0.24	0.47	1.07	
09	1.06	6.1	2.9	0.5	0.1	0.32	0.72	1.58	
10	1.77	11.0	5.4	0.6	0.0	1.18	1.64	2.37	
11	2.20	12.9	7.1	0.8	0.1	1.53	2.22	2.68	
12	1.93	12.7	6.8	0.6	0.0	1.20	1.55	2.57	
Summary	22.62	131.7	69.4	9.4	1.0	13.62	19.91	29.38	

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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	16.30	8.0	5.1	1.8	0.9	0.0					6.80	14.90	25.70
02	11.00	5.4	3.3	1.1	0.6	0.0					2.50	5.30	19.70
03	8.70	4.6	3.0	1.1	0.4	0.0					2.30	9.40	12.70
04	1.80	1.4	0.7	0.2	0.0	0.0					0.00	0.00	3.00
05	0.30	0.2	0.2	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	0.10	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.40	0.4	0.2	0.0	0.0	0.0					0.00	0.00	0.20
11	6.30	3.4	2.1	0.8	0.3	0.0					1.70	4.60	8.40
12	16.50	9.5	5.6	2.0	0.8	0.0					9.10	14.20	20.20
Summary	61.4	32.9	20.2	7.0	3.0	0.0	0.0	0.0	0.0	0.0	22.4	48.4	89.9

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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	6.3	16.9	73.4	165.9	394.5	562.8	878.6	888.0	614.0	273.0	55.9	5.9
45	0.4	2.5	23.4	79.3	255.0	414.2	723.5	733.0	466.2	156.8	20.4	0.5
50	0.0	0.2	4.3	31.2	142.1	274.1	568.7	578.4	326.4	78.7	5.5	0.0
55	0.0	0.0	0.3	9.5	66.3	156.0	416.9	426.9	205.4	34.2	0.9	0.0
60	0.0	0.0	0.0	1.4	23.4	73.9	276.2	282.4	112.1	11.9	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.1	5.3	36.8	86.8	213.5	320.1	565.6	570.0	366.8	138.8	21.0	0.9

Growing Degree Units (Accumulated Monthly)												
40	6	23	97	262	657	1220	2098	2986	3600	3873	3929	3935
45	0	3	26	106	361	775	1498	2231	2698	2854	2875	2875
50	0	0	4	36	178	452	1021	1599	1925	2004	2010	2010
55	0	0	0	10	76	232	649	1076	1281	1316	1316	1316
60	0	0	0	1	25	99	375	657	769	781	781	781
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	6	43	130	344	664	1229	1799	2166	2305	2326	2327

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