

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 2660 ft. Lat: 46.7281° N Lon: 116.9558° W
Station: MOSCOW U OF I, ID US USC00106152

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	37.4	22.2	29.8	3.4	4.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	781.2	843.2	936.2	1091.2	0.0	0.0	1.3	6.8	25.1	0.9
02	42.0	23.8	32.9	4.3	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	618.7	674.7	758.7	898.7	0.0	0.0	4.7	2.5	21.3	0.4
03	50.1	28.0	39.0	3.8	2.5	2.8	0.3	0.1	0.0	0.0	0.0	0.0	494.8	556.6	649.5	804.5	0.0	0.0	15.9	0.2	19.2	0.2
04	58.0	32.0	45.0	3.1	1.9	2.2	7.2	3.7	1.1	0.0	0.0	0.0	307.2	363.6	451.0	600.0	0.0	0.0	25.5	0.0	11.4	0.0
05	67.3	37.9	52.6	3.3	2.2	2.6	56.0	36.7	17.3	3.2	0.3	0.2	130.5	173.3	246.8	387.7	0.0	0.3	30.4	0.0	3.7	0.0
06	73.4	42.0	57.7	3.0	1.4	2.0	119.9	84.3	45.4	12.8	2.4	0.9	38.8	63.3	114.3	231.7	0.0	1.0	29.9	0.0	0.3	0.0
07	84.4	45.3	64.9	3.9	2.1	2.6	309.1	252.0	174.3	75.0	21.0	10.9	3.9	8.8	24.1	79.8	0.4	8.9	31.0	0.0	0.1	0.0
08	85.6	45.2	65.4	2.4	2.1	2.0	326.2	268.1	187.3	83.8	25.9	14.0	3.9	7.8	20.0	71.5	0.5	10.7	31.0	0.0	0.0	0.0
09	76.2	39.7	57.9	3.3	2.5	2.4	142.5	107.1	64.6	20.7	3.6	1.3	54.1	78.7	126.1	232.3	0.0	2.3	29.9	0.0	2.5	0.0
10	60.5	32.8	46.6	3.2	3.1	2.8	18.2	11.0	4.5	0.4	0.0	0.0	277.1	331.8	418.3	569.2	0.0	0.0	27.4	0.1	10.1	0.0
11	44.9	27.4	36.2	3.6	3.6	3.4	0.3	0.1	0.0	0.0	0.0	0.0	565.8	625.6	715.5	865.5	0.0	0.0	8.8	1.9	18.3	0.1
12	36.4	21.6	29.0	2.7	3.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	805.8	867.8	960.8	1115.8	0.0	0.0	1.0	8.2	26.8	0.8
Summary	59.7	33.2	46.4	3.3	2.8	2.8	980	763	494	196	53	27	4082	4595	5421	6948	0.9	23.2	236.8	19.7	138.8	2.4

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	3.33	16.0	9.1	1.9	0.3	2.39	3.24	3.83
02	2.56	13.9	7.4	1.1	0.1	1.78	2.50	2.99
03	3.05	15.5	8.5	1.4	0.1	1.88	2.79	3.55
04	2.75	13.4	7.3	1.5	0.1	2.07	2.56	3.46
05	2.60	11.4	6.5	1.7	0.3	1.53	2.27	3.73
06	1.73	9.3	4.9	0.8	0.0	1.26	1.64	2.25
07	0.66	4.4	1.8	0.3	0.0	0.18	0.39	0.85
08	0.70	3.6	1.7	0.3	0.1	0.11	0.38	1.01
09	1.01	5.5	2.8	0.5	0.1	0.45	0.82	1.38
10	2.40	10.9	6.0	1.6	0.4	1.41	2.51	3.21
11	3.52	16.1	9.6	1.9	0.4	2.88	3.50	4.15
12	3.47	15.9	9.6	1.5	0.4	2.45	3.28	4.40
Summary	27.78	135.9	75.2	14.5	2.3	18.39	25.88	34.81

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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	6.3	4.9	1.9	0.7	0.0	16.1	11.0	7.5	3.9	5.60	9.70	23.40
02	8.60	5.0	3.4	1.0	0.3	0.0	9.3	7.1	4.9	1.6	2.00	6.90	10.80
03	4.90	3.2	1.8	0.5	0.2	0.0	2.7	1.8	1.2	0.6	0.60	2.20	5.60
04	1.00	1.1	0.3	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.50	1.10
05	0.20	0.3	0.1	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	0.20	0.3	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
11	6.00	3.2	2.4	0.8	0.2	0.0	3.7	1.9	0.9	0.0	2.00	5.00	8.40
12	15.50	7.8	5.9	1.8	0.7	0.0	13.6	9.3	6.0	1.5	7.20	15.00	21.90
Summary	50.9	27.2	18.9	6.1	2.1	0.0	45.7	31.1	20.5	7.6	17.4	39.3	71.2

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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	4.3	13.6	64.9	168.6	391.8	531.1	770.2	787.3	539.0	233.7	44.8	4.2
45	0.5	1.9	18.6	76.7	248.3	381.5	615.2	632.3	392.0	123.8	14.4	0.5
50	0.0	0.2	3.2	27.0	130.8	237.8	460.4	477.6	254.6	53.7	2.9	0.0
55	0.0	0.0	0.3	7.2	56.0	119.9	309.1	326.2	142.5	18.2	0.3	0.0
60	0.0	0.0	0.0	1.1	17.3	45.4	174.3	187.3	64.6	4.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.4	7.9	50.4	128.7	269.2	350.7	508.3	521.2	385.4	174.7	22.8	1.3

Growing Degree Units (Accumulated Monthly)												
40	4	18	83	251	643	1174	1945	2732	3271	3504	3549	3554
45	0	2	21	98	346	728	1343	1975	2367	2491	2505	2506
50	0	0	3	30	161	399	859	1337	1592	1645	1648	1648
55	0	0	0	8	64	183	492	819	961	979	980	980
60	0	0	0	1	18	64	238	425	490	494	494	494
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	9	60	188	458	808	1317	1838	2223	2398	2421	2422

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