

Summary of Monthly Normals
1991-2020

Current Location: Elev: 2290 ft. Lat: 43.8022° N Lon: 116.9442° W
Station: **PARMA EXP STN, ID US USC00106844**
Generated on 04/28/2024

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	37.4	22.7	30.0	4.8	5.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	773.3	835.3	928.3	1083.3	0.0	0.0	1.6	6.5	28.2	0.4
02	45.7	26.0	35.9	4.1	3.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	536.2	592.2	676.2	816.1	0.0	0.0	8.7	1.1	24.4	0.1
03	56.9	31.3	44.1	3.6	2.0	2.5	3.7	1.8	0.5	0.0	0.0	0.0	341.7	401.8	493.5	648.0	0.0	0.0	25.2	0.1	18.8	0.0
04	64.2	36.4	50.3	3.0	2.3	2.4	33.4	20.9	9.3	1.9	0.1	0.0	174.3	221.8	300.2	442.8	0.0	0.0	29.4	0.0	9.6	0.0
05	73.3	45.7	59.5	3.5	1.9	2.6	180.4	140.6	91.3	35.7	9.5	4.8	41.0	63.2	106.9	206.3	0.0	2.0	31.0	0.0	0.9	0.0
06	81.4	51.7	66.6	3.3	2.1	2.5	351.1	296.0	219.1	113.1	44.8	27.5	4.5	9.4	22.5	66.5	0.4	6.2	30.0	0.0	0.0	0.0
07	92.4	57.0	74.7	3.8	2.6	3.2	610.5	548.7	456.4	307.1	174.0	127.7	0.0	0.2	0.9	6.7	4.7	21.6	31.0	0.0	0.0	0.0
08	91.3	54.6	72.9	2.3	2.3	2.2	556.6	495.2	404.5	260.1	131.5	89.3	0.3	0.9	3.2	13.8	2.8	20.7	31.0	0.0	0.0	0.0
09	81.6	46.1	63.9	2.5	2.2	2.0	275.8	224.1	155.0	69.1	20.0	9.4	10.4	18.7	39.5	103.7	0.1	6.7	30.0	0.0	0.6	0.0
10	66.3	35.7	51.0	3.3	3.0	2.9	43.0	28.2	13.4	2.2	0.0	0.0	167.0	214.2	292.3	436.1	0.0	0.2	30.2	0.0	11.5	0.0
11	48.9	28.0	38.5	4.0	2.4	2.9	0.7	0.3	0.0	0.0	0.0	0.0	497.2	556.8	646.5	796.4	0.0	0.0	14.6	1.2	22.5	0.2
12	38.2	22.7	30.5	3.5	4.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0	760.9	822.9	915.9	1070.9	0.0	0.0	2.4	6.2	27.6	0.7
Summary	64.8	38.2	51.5	3.5	2.8	2.9	2055	1756	1350	789	380	259	3307	3737	4426	5691	8.0	57.4	265.1	15.1	144.1	1.4

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	1.33	10.0	4.6	0.3	0.0	0.77	1.23	1.85	
02	0.81	6.7	2.7	0.0	0.0	0.29	0.57	1.11	
03	0.88	8.7	3.2	0.1	0.0	0.44	0.75	1.20	
04	0.89	8.3	3.5	0.1	0.0	0.58	0.84	1.12	
05	1.37	8.3	4.4	0.6	0.2	0.61	1.15	1.87	
06	0.78	5.7	2.5	0.4	0.0	0.31	0.45	1.15	
07	0.25	2.2	1.3	0.1	0.0	0.01	0.14	0.36	
08	0.19	2.1	0.7	0.0	0.0	0.03	0.09	0.37	
09	0.64	2.7	1.2	0.3	0.0	0.11	0.40	0.90	
10	0.73	5.5	2.5	0.2	0.0	0.39	0.66	1.05	
11	0.99	8.6	3.0	0.2	0.0	0.53	0.95	1.44	
12	1.12	9.2	4.1	0.3	0.0	0.58	1.02	1.53	
Summary	9.98	78.0	33.7	2.6	0.2	4.65	8.25	13.95	

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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

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	3.30	3.0	1.7	0.4	0.0	0.0					0.90	3.30	4.60
02	1.80	1.4	0.7	0.2	0.0	0.0					0.00	0.60	3.10
03	0.40	0.6	0.2	0.0	0.0	0.0					0.00	0.00	0.70
04	0.00	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					0.00	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	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	1.20	0.8	0.3	0.1	0.0	0.0					0.00	0.00	0.80
12	4.80	3.2	1.7	0.4	0.1	0.0					1.00	1.80	7.60
Summary	11.5	9.0	4.6	1.1	0.1	0.0	0.0	0.0	0.0	0.0	1.9	5.7	16.8

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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	4.0	27.2	158.4	312.4	604.4	796.6	1075.4	1021.3	715.4	348.8	66.7	10.2
45	0.3	5.5	65.2	182.0	450.1	646.6	920.4	866.3	565.7	210.9	21.3	2.0
50	0.0	0.7	18.4	87.4	303.5	497.0	765.4	711.3	417.6	106.6	4.5	0.0
55	0.0	0.0	3.7	33.4	180.4	351.1	610.5	556.6	275.8	43.0	0.7	0.0
60	0.0	0.0	0.5	9.3	91.3	219.1	456.4	404.5	155.0	13.4	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.4	20.9	118.1	211.1	368.6	492.2	654.0	620.9	462.5	253.1	46.3	3.9

Growing Degree Units (Accumulated Monthly)												
40	4	31	190	502	1106	1903	2978	4000	4715	5064	5131	5141
45	0	6	71	253	703	1350	2270	3136	3702	3913	3934	3936
50	0	1	19	106	410	907	1672	2384	2801	2908	2912	2912
55	0	0	4	37	218	569	1179	1736	2011	2054	2055	2055
60	0	0	0	10	101	320	777	1181	1336	1350	1350	1350
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	22	140	352	720	1212	1866	2487	2950	3203	3249	3253

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