

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 365 ft. Lat: 41.5092° N Lon: 74.2650° W
Station: MONTGOMERY ORANGE AP, NY US USW00004789

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	34.6	17.3	25.9	4.4	5.0	4.6	0.1	0.0	0.0	0.0	0.0	0.0	900.5	962.4	1055.4	1210.4	0.0	0.0	2.8	12.2	28.3	2.3
02	37.8	18.4	28.1	4.9	5.2	4.9	0.2	0.1	0.0	0.0	0.0	0.0	753.3	809.2	893.2	1033.2	0.0	0.0	3.6	7.3	25.6	1.7
03	46.7	26.7	36.7	4.7	3.7	4.1	4.3	2.6	0.9	0.1	0.0	0.0	571.5	631.8	723.2	877.3	0.0	0.0	12.1	2.0	22.7	0.3
04	59.9	36.0	48.0	3.1	2.4	2.5	33.2	22.6	12.2	4.1	0.9	0.4	244.7	294.1	373.7	515.6	0.0	0.4	25.3	0.1	10.1	0.0
05	70.5	46.6	58.5	3.1	3.0	2.8	157.0	118.7	74.1	28.3	6.8	3.3	47.0	70.7	119.1	228.2	0.0	0.7	30.7	0.0	1.2	0.0
06	78.9	55.9	67.4	2.2	1.4	1.4	373.8	315.9	232.9	117.1	42.0	24.3	1.9	4.0	10.9	45.2	0.0	2.7	30.0	0.0	0.0	0.0
07	83.6	60.8	72.2	2.8	2.5	2.4	533.1	471.1	378.4	228.0	101.9	66.2	0.0	0.0	0.3	4.9	0.0	6.3	31.0	0.0	0.0	0.0
08	81.5	59.2	70.4	2.3	2.3	2.0	475.8	413.9	321.9	179.3	70.7	42.4	0.0	0.1	1.1	13.5	0.0	3.7	31.0	0.0	0.0	0.0
09	74.1	51.1	62.6	3.0	3.1	2.5	242.4	193.6	129.6	55.2	16.1	8.1	14.5	25.7	51.7	127.2	0.0	1.3	30.0	0.0	0.2	0.0
10	62.3	40.2	51.3	2.6	3.0	2.5	50.8	33.5	16.8	4.5	0.6	0.2	167.1	211.7	288.0	430.7	0.0	0.0	29.3	0.0	5.5	0.0
11	50.4	30.6	40.5	4.0	2.7	3.2	3.4	1.3	0.3	0.0	0.0	0.0	438.4	496.3	585.3	735.0	0.0	0.0	17.3	0.4	18.0	0.0
12	39.4	23.2	31.3	4.3	3.7	3.9	0.3	0.1	0.0	0.0	0.0	0.0	735.0	796.8	889.7	1044.6	0.0	0.0	5.5	6.8	26.2	0.3
Summary	60.0	38.8	49.4	3.4	3.2	3.1	1874	1573	1167	617	239	145	3874	4303	4992	6266	0.0	15.1	248.6	28.8	137.8	4.6

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	2.44	10.3	5.7	1.6	0.3	1.73	2.10	2.90	
02	2.44	10.3	5.6	1.6	0.3	1.59	2.03	2.68	
03	3.25	11.2	6.3	1.9	0.6	2.41	3.03	3.76	
04	3.50	11.9	6.9	2.2	0.5	2.21	3.28	4.49	
05	3.35	14.1	7.5	2.2	0.6	2.56	3.05	3.86	
06	4.33	13.6	7.4	2.9	1.4	2.74	3.56	5.19	
07	3.30	12.6	6.6	2.3	0.8	1.96	3.38	4.39	
08	4.40	14.3	6.9	2.8	1.1	2.65	4.10	5.41	
09	3.89	13.6	5.6	2.2	1.1	1.84	3.06	4.79	
10	3.68	12.2	5.6	2.3	1.3	1.53	3.34	4.86	
11	3.04	9.9	5.5	2.0	0.7	2.26	2.94	3.86	
12	3.37	11.0	6.8	2.3	0.5	2.46	3.45	4.24	
Summary	40.99	145.0	76.4	26.3	9.2	25.94	37.32	50.43	

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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	9.2	10.3	69.0	259.4	575.1	821.9	998.0	940.7	677.9	354.6	105.5	24.9
45	2.6	2.5	30.6	149.3	421.8	671.9	843.1	785.8	528.3	222.1	45.6	7.9
50	0.3	0.7	12.0	75.3	277.9	522.0	688.1	630.8	380.8	119.2	16.2	2.2
55	0.1	0.2	4.3	33.2	157.0	373.8	533.1	475.8	242.4	50.8	3.4	0.3
60	0.0	0.0	0.9	12.2	74.1	232.9	378.4	321.9	129.6	16.8	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.5	9.5	49.0	166.5	345.1	525.4	669.5	622.2	416.7	205.2	63.5	12.9

Growing Degree Units (Accumulated Monthly)												
40	9	20	88	348	923	1745	2743	3684	4362	4716	4822	4846
45	3	5	36	185	607	1279	2122	2908	3436	3658	3704	3711
50	0	1	13	88	366	888	1576	2207	2588	2707	2723	2726
55	0	0	5	38	195	569	1102	1578	1820	1871	1874	1874
60	0	0	1	13	87	320	698	1020	1150	1167	1167	1167
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	16	65	232	577	1102	1772	2394	2810	3016	3079	3092

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