

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 950 ft. Lat: 41.8394° N Lon: 94.1106° W
Station: PERRY, IA US USC00136566

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	29.5	10.2	19.8	5.4	5.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1089.4	1151.4	1244.4	1399.5	0.0	0.0	1.9	18.2	30.5	7.8
02	34.0	14.1	24.1	6.9	6.7	6.7	0.1	0.0	0.0	0.0	0.0	0.0	866.5	922.4	1006.4	1146.5	0.0	0.0	3.6	13.6	26.9	5.5
03	47.5	25.8	36.6	5.9	4.6	5.1	7.9	5.3	2.9	0.7	0.0	0.0	576.8	636.2	726.8	879.6	0.0	0.0	12.8	4.7	23.5	0.8
04	61.3	36.7	49.0	4.1	3.2	3.5	50.8	36.2	20.9	6.5	1.1	0.3	230.9	276.2	350.9	486.6	0.0	0.1	24.1	0.3	9.6	0.0
05	71.9	49.0	60.5	3.5	3.2	3.1	213.8	171.9	118.5	54.5	18.4	10.5	44.9	65.0	104.6	195.6	0.0	0.9	30.4	0.0	0.8	0.0
06	81.9	59.8	70.9	2.6	2.1	2.1	476.8	418.3	332.7	199.8	94.7	63.5	1.5	3.0	7.4	24.4	0.0	4.2	30.0	0.0	0.0	0.0
07	85.4	63.5	74.5	3.3	2.7	2.9	602.8	540.8	447.9	296.6	159.5	114.4	0.0	0.0	0.1	3.7	0.2	8.0	31.0	0.0	0.0	0.0
08	83.3	60.8	72.1	2.6	2.8	2.4	528.5	466.6	374.5	228.6	110.2	74.5	0.0	0.2	1.1	10.1	0.1	4.6	31.0	0.0	0.0	0.0
09	77.1	51.5	64.3	3.3	3.5	3.2	299.9	251.1	184.1	95.2	38.7	24.6	21.0	32.3	55.3	116.3	0.0	2.2	30.0	0.0	0.5	0.0
10	64.0	39.1	51.5	3.7	2.8	2.9	78.1	58.1	35.1	13.1	4.0	2.3	185.1	227.1	297.1	430.0	0.0	0.1	27.2	0.0	8.6	0.0
11	47.8	26.8	37.3	6.7	4.4	5.4	6.8	3.7	1.3	0.1	0.0	0.0	537.7	594.6	682.3	831.1	0.0	0.0	12.9	4.2	21.2	0.3
12	35.0	16.5	25.7	5.7	5.3	5.2	0.1	0.0	0.0	0.0	0.0	0.0	906.8	968.6	1061.6	1216.7	0.0	0.0	4.0	12.9	29.4	3.5
Summary	59.9	37.8	48.9	4.5	3.9	4.0	2266	1952	1518	895	427	290	4461	4877	5538	6740	0.3	20.1	238.9	53.9	151.0	17.9

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	0.95	7.1	2.9	0.4	0.0	0.59	0.96	1.21
02	1.14	7.5	3.4	0.5	0.0	0.67	1.18	1.48
03	1.96	8.5	4.2	1.2	0.3	1.11	1.79	2.83
04	4.10	11.7	6.8	2.7	0.7	2.42	3.81	5.41
05	5.15	13.7	8.6	3.6	1.1	3.37	4.97	6.28
06	4.88	12.3	8.5	3.9	1.3	2.97	4.45	5.52
07	4.42	9.6	6.7	3.1	1.3	2.69	3.84	5.56
08	4.14	10.3	6.3	3.0	1.3	1.95	3.86	6.52
09	3.44	9.0	5.7	2.3	1.0	2.13	3.04	5.21
10	2.70	9.3	5.6	1.9	0.6	1.30	2.41	3.75
11	1.86	7.1	3.5	1.2	0.3	1.01	1.49	2.64
12	1.38	8.0	3.4	0.8	0.2	0.64	1.29	1.76
Summary	36.12	114.1	65.6	24.6	8.1	20.85	33.09	48.17

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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	3.0	14.0	92.7	300.7	634.2	925.1	1067.6	993.2	728.8	376.7	96.1	10.6
45	0.4	4.8	47.4	190.4	482.0	775.1	912.7	838.3	579.7	250.5	46.5	2.7
50	0.0	1.1	21.2	106.0	338.3	625.5	757.8	683.4	434.5	150.6	20.0	0.7
55	0.0	0.1	7.9	50.8	213.8	476.8	602.8	528.5	299.9	78.1	6.8	0.1
60	0.0	0.0	2.9	20.9	118.5	332.7	447.9	374.5	184.1	35.1	1.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	4.7	12.5	71.4	194.5	383.6	609.9	723.6	663.3	464.5	240.9	67.5	10.0
Growing Degree Units (Accumulated Monthly)												
40	3	17	110	410	1045	1970	3037	4030	4759	5136	5232	5243
45	0	5	53	243	725	1500	2413	3251	3831	4081	4128	4130
50	0	1	22	128	467	1092	1850	2533	2968	3118	3138	3139
55	0	0	8	59	273	749	1352	1881	2181	2259	2266	2266
60	0	0	3	24	142	475	923	1297	1482	1517	1518	1518
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	5	17	89	283	667	1277	2000	2664	3128	3369	3436	3446

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