

Summary of Monthly Normals
1981-2010
 Generated on 08/02/2021

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	29.3	9.4	19.4	5.6	7.7	6.6	1	-7777	-7777	0	0	0	1106	1168	1260	1415	0.0	0.0	1.5	17.4	28.6	9.1
02	31.7	10.4	21.1	4.2	5.8	4.9	0	0	0	0	0	0	951	1007	1090	1230	0.0	0.0	1.5	14.1	25.5	7.2
03	40.7	20.5	30.6	4.1	4.3	4.1	2	1	-7777	-7777	0	0	758	819	912	1066	0.0	0.0	6.1	6.8	25.7	2.1
04	54.5	33.2	43.9	3.4	2.8	2.8	18	12	6	1	-7777	-7777	353	407	490	636	0.0	-7777	18.9	0.3	13.9	0.0
05	65.8	43.4	54.6	3.4	2.5	2.8	91	66	37	10	2	-7777	104	140	204	333	0.0	0.0	29.8	0.0	2.4	0.0
06	74.4	52.6	63.5	2.7	2.6	2.3	265	213	145	62	18	10	10	18	40	107	0.0	0.3	30.0	0.0	0.1	0.0
07	79.2	58.1	68.6	2.3	2.3	2.0	423	362	271	139	50	29	-7777	1	3	26	0.0	0.6	31.0	0.0	0.0	0.0
08	78.0	56.3	67.1	2.3	1.9	1.9	378	318	232	112	37	20	1	3	11	46	0.0	0.5	31.0	0.0	0.0	0.0
09	70.4	48.5	59.5	2.6	2.3	2.1	178	138	89	35	9	5	45	64	105	202	0.0	0.1	29.8	0.0	1.2	0.0
10	58.2	38.3	48.3	2.8	2.6	2.5	35	23	12	3	-7777	-7777	244	294	376	522	0.0	0.0	25.0	0.0	8.8	0.0
11	46.8	29.7	38.3	3.3	2.7	2.9	5	2	1	-7777	0	0	507	565	653	803	0.0	0.0	10.9	1.8	17.7	0.1
12	35.0	17.8	26.4	5.1	6.6	5.7	-7777	-7777	-7777	0	0	0	887	949	1042	1197	0.0	0.0	2.7	11.4	26.2	3.7
Summary	55.3	34.9	45.1	3.5	3.7	3.4	1396	1135	793	362	116	64	4966	5435	6186	7583	0.0	1.5	218.2	51.8	150.1	22.2

-7777: a non-zero value that would round to zero

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	2.66	16.3	7.3	1.0	0.2	1.56	2.28	3.27
02	2.22	13.5	6.4	1.0	0.1	1.66	2.13	2.85
03	2.30	12.3	6.2	1.2	0.3	1.59	2.04	2.72
04	2.90	12.8	7.2	1.6	0.5	1.60	2.99	4.09
05	3.07	12.4	7.7	1.8	0.3	2.23	2.74	4.29
06	2.85	12.2	6.7	1.6	0.3	1.69	2.60	3.67
07	2.65	10.1	6.1	1.7	0.5	1.50	2.59	3.58
08	3.15	10.2	6.2	2.0	0.6	1.89	3.03	3.96
09	3.72	11.3	7.3	2.4	0.7	2.85	3.26	4.72
10	3.65	13.6	8.4	2.4	0.6	2.79	3.14	4.46
11	3.76	15.2	9.0	2.2	0.5	2.77	3.59	4.87
12	3.15	16.5	8.6	1.8	0.2	2.15	2.75	3.81
Summary	36.08	156.4	87.1	20.7	4.8	24.28	33.14	46.29

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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	31.6	13.7	7.6	3.4	1.7	0.4	23.2	16.9	14.6	7.1	18.3	23.7	48.7
02	20.7	10.4	5.7	2.2	1.1	0.2	20.5	16.1	12.5	7.1	9.4	21.4	29.0
03	12.0	7.0	3.3	1.3	0.6	0.2	13.4	9.1	6.0	2.2	4.4	11.6	15.7
04	2.8	2.4	1.0	0.2	0.1	0.0	1.4	0.4	0.1	0.0	0.1	1.5	3.4
05	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	-7777	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.2	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
11	7.0	4.5	2.1	0.7	0.3	0.1	4.3	2.2	1.4	0.4	1.2	4.6	10.9
12	25.8	12.0	6.5	2.3	1.2	0.3	15.8	10.1	6.9	3.6	14.0	16.9	27.0
Summary	100.2	50.6	26.4	10.1	5.0	1.2	78.7	54.8	41.5	20.4	47.4	79.7	134.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	7	35	171	453	705	888	842	584	274	90	16
45	3	2	14	92	306	555	733	687	437	164	42	6
50	1	-7777	5	44	181	407	578	532	298	84	16	2
55	1	0	2	18	91	265	423	378	178	35	5	-7777
60	-7777	0	-7777	6	37	145	271	232	89	12	1	-7777
Growing Degree Units for Corn (Monthly)												
50/86	4	4	25	107	263	434	582	544	353	148	44	8

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	16	51	222	675	1380	2268	3110	3694	3968	4058	4074
45	3	5	19	111	417	972	1705	2392	2829	2993	3035	3041
50	1	1	6	50	231	638	1216	1748	2046	2130	2146	2148
55	1	1	3	21	112	377	800	1178	1356	1391	1396	1396
60	0	0	0	6	43	188	459	691	780	792	793	793
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	8	33	140	403	837	1419	1963	2316	2464	2508	2516

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

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