

Summary of Monthly Normals
1981-2010
 Generated on 09/28/2021

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	34.0	18.9	26.5	5.1	5.9	5.4	1	-7777	-7777	0	0	0	885	947	1040	1195	0.0	0.0	3.0	13.1	26.6	2.7
02	37.8	21.5	29.7	5.0	4.5	4.7	1	-7777	-7777	-7777	0	0	710	766	850	990	0.0	0.0	4.6	8.7	23.4	1.1
03	49.0	30.3	39.6	4.3	3.1	3.6	19	13	7	1	-7777	-7777	495	551	638	787	0.0	0.0	14.0	2.6	17.8	0.1
04	61.7	41.1	51.4	3.6	3.1	3.2	80	60	37	14	4	2	188	228	295	422	0.0	0.0	24.9	0.1	5.2	0.0
05	72.0	51.6	61.8	4.1	3.2	3.5	245	200	141	68	23	13	34	51	85	167	0.0	0.3	30.6	0.0	0.3	0.0
06	81.3	61.5	71.4	2.9	2.1	2.2	493	435	349	216	107	73	2	3	7	24	-7777	3.2	30.0	0.0	0.0	0.0
07	84.5	64.3	74.4	2.6	2.4	2.3	601	539	446	294	157	112	-7777	-7777	-7777	3	-7777	5.2	31.0	0.0	0.0	0.0
08	82.8	62.3	72.5	2.9	2.2	2.4	544	482	390	241	117	79	-7777	-7777	1	7	-7777	3.7	31.0	0.0	0.0	0.0
09	76.9	54.0	65.5	3.2	2.2	2.3	327	275	203	105	40	24	14	22	39	91	0.0	1.3	30.0	0.0	0.1	0.0
10	64.4	43.2	53.8	3.1	3.0	2.9	101	76	46	16	4	2	138	175	238	363	0.0	-7777	28.8	0.0	3.4	0.0
11	51.2	34.1	42.6	4.4	2.8	3.4	18	11	5	1	-7777	0	389	442	525	671	0.0	0.0	16.0	1.3	13.9	0.0
12	37.9	23.5	30.7	6.0	6.0	5.9	2	1	-7777	-7777	0	0	755	816	908	1063	0.0	0.0	5.0	9.5	24.2	1.2
Summary	61.1	42.2	51.7	3.9	3.4	3.5	2432	2092	1624	956	452	305	3610	4001	4626	5783	0.0	13.7	248.9	35.3	114.9	5.1

-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	2.23	9.5	4.9	0.9	0.2	1.38	2.05	2.44
02	2.31	9.9	5.5	1.5	0.3	1.22	2.27	2.90
03	2.95	11.5	7.3	1.9	0.3	1.80	2.86	3.67
04	3.67	12.3	7.8	2.3	0.7	2.41	4.10	4.67
05	4.41	12.8	8.8	3.6	1.1	2.76	4.53	5.50
06	4.66	11.3	7.7	3.0	1.2	3.35	4.45	5.76
07	4.38	10.5	6.6	3.1	1.3	2.60	3.92	5.73
08	3.30	8.7	5.2	2.1	0.9	1.89	3.18	3.87
09	2.96	8.8	5.0	2.1	0.9	1.08	2.72	4.43
10	2.92	9.4	5.5	2.2	0.6	1.71	2.50	4.04
11	3.45	11.0	7.1	2.7	0.8	2.36	2.89	4.66
12	2.88	12.8	7.1	1.9	0.3	1.87	2.58	3.27
Summary	40.12	128.5	78.5	27.3	8.6	24.43	38.05	50.94

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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	8.0	5.0	2.9	0.7	0.2	0.1	11.5	6.7	2.2	0.1	1.7	4.0	9.8
02	6.4	4.4	2.2	0.5	0.2	-7777	8.7	4.8	3.2	1.1	1.5	3.5	10.8
03	3.2	2.2	1.0	0.3	-7777	0.0	3.0	1.4	0.7	0.0	0.8	2.4	4.7
04	0.4	0.4	0.1	-7777	-7777	0.0	0.3	-7777	-7777	0.0	0.0	0.0	0.0
05	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
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	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
10	0.3	0.1	0.1	-7777	-7777	0.0	0.2	-7777	0.0	0.0	0.0	0.0	0.0
11	0.7	1.0	0.3	-7777	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.9
12	6.4	5.3	2.4	0.7	0.2	0.0	8.5	4.6	2.6	0.1	2.5	3.7	11.9
Summary	25.4	18.4	9.0	2.2	0.6	0.1	32.8	17.7	8.7	1.3	6.5	13.6	38.1

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	20	28	133	361	676	941	1066	1009	763	433	165	36
45	7	10	75	243	523	792	911	854	614	297	94	15
50	2	3	40	148	376	642	756	699	467	185	47	6
55	1	1	19	80	245	493	601	544	327	101	18	2
60	-7777	-7777	7	37	141	349	446	390	203	46	5	-7777
Growing Degree Units for Corn (Monthly)												
50/86	8	15	79	209	409	630	732	683	486	251	86	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	20	48	181	542	1218	2159	3225	4234	4997	5430	5595	5631
45	7	17	92	335	858	1650	2561	3415	4029	4326	4420	4435
50	2	5	45	193	569	1211	1967	2666	3133	3318	3365	3371
55	1	2	21	101	346	839	1440	1984	2311	2412	2430	2432
60	0	0	7	44	185	534	980	1370	1573	1619	1624	1624
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	23	102	311	720	1350	2082	2765	3251	3502	3588	3604

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

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