

Summary of Monthly Normals
1981-2010

Generated on 04/28/2024

Current Location: Elev: 1570 ft. Lat: 35.5014° N Lon: 98.9772° W

Station: CLINTON, OK US USC00341909

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	48.7	23.5	36.1	4.9	2.6	3.4	1	-7777	-7777	0	0	0	587	648	741	896	0.0	0.0	15.5	3.0	26.8	0.2
02	52.7	27.3	40.0	5.2	3.6	4.1	5	3	1	-7777	0	0	425	478	561	700	0.0	0.0	17.0	1.7	19.5	0.2
03	61.6	35.3	48.4	3.7	3.2	3.1	44	29	14	3	-7777	-7777	247	294	372	516	0.0	0.1	25.9	0.4	10.7	0.0
04	71.3	44.3	57.8	4.0	3.1	3.3	151	116	72	25	5	2	67	91	138	240	0.0	0.5	29.4	0.0	1.9	0.0
05	79.8	55.5	67.7	3.4	2.5	2.6	397	338	255	138	58	37	5	8	18	56	0.1	3.3	31.0	0.0	-7777	0.0
06	88.7	65.1	76.9	3.6	2.6	3.0	657	597	507	360	222	172	-7777	-7777	-7777	3	1.5	13.4	30.0	0.0	0.0	0.0
07	94.6	69.5	82.1	2.9	1.8	2.2	838	776	683	529	375	314	0	0	0	-7777	5.9	24.2	31.0	0.0	0.0	0.0
08	93.8	68.5	81.1	3.6	2.1	2.7	810	748	655	501	348	290	0	0	0	-7777	5.8	23.1	31.0	0.0	0.0	0.0
09	85.1	60.0	72.5	3.6	2.3	2.7	530	473	388	254	143	105	4	6	11	28	1.1	8.8	30.0	0.0	0.0	0.0
10	73.1	46.9	60.0	3.2	2.3	2.1	201	158	103	40	10	5	46	65	103	194	0.0	0.5	30.6	0.0	1.5	0.0
11	59.9	34.9	47.4	4.4	3.0	3.1	33	22	10	2	-7777	-7777	261	310	388	530	0.0	0.0	24.2	0.1	11.4	0.0
12	48.7	25.1	36.9	4.5	3.6	3.7	1	-7777	-7777	0	0	0	562	623	716	871	0.0	0.0	15.5	2.3	25.0	0.3
Summary	71.5	46.3	58.9	3.9	2.7	3.0	3668	3260	2688	1852	1161	925	2204	2523	3048	4034	14.4	73.9	311.1	7.5	96.8	0.7

-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	1.07	4.3	2.3	0.6	0.2	0.50	0.94	1.59
02	1.20	5.3	3.1	0.7	0.1	0.48	1.13	1.72
03	2.59	6.1	4.1	1.5	0.6	1.34	2.36	3.60
04	2.39	6.0	4.0	1.5	0.7	1.43	1.95	3.27
05	4.81	8.3	6.0	3.0	1.4	2.20	4.37	6.35
06	4.78	8.2	6.8	2.9	1.4	3.01	3.94	6.15
07	2.17	5.2	3.5	1.5	0.6	1.02	1.75	2.66
08	3.31	6.2	4.8	1.9	0.8	1.57	2.71	4.34
09	3.63	6.3	4.4	2.2	1.1	1.65	2.80	4.93
10	3.30	6.4	4.4	2.1	0.9	0.96	2.72	4.69
11	1.69	5.0	3.2	1.2	0.5	0.38	1.44	2.27
12	1.49	4.9	3.0	1.3	0.5	0.35	1.07	2.51
Summary	32.43	72.2	49.6	20.4	8.8	14.89	27.18	44.08

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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	2.6	1.4	0.6	0.2	-7777	0.0					0.4	1.9	4.2
02	2.0	1.0	0.6	0.3	0.1	0.0					0.0	0.3	3.0
03	0.5	0.4	0.2	0.1	-7777	0.0					0.0	0.0	0.5
04	0.0	0.0	0.0	0.0	0.0	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
06	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
08	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
10	-7777	-7777	0.0	0.0	0.0	0.0					0.0	0.0	0.0
11	0.4	0.2	0.1	-7777	-7777	0.0					0.0	0.0	0.0
12	1.7	1.1	0.8	0.1	-7777	0.0					0.0	1.0	3.0
Summary	7.2	4.1	2.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.4	3.2	10.7

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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	65	114	299	536	857	1107	1303	1275	976	622	255	65
45	24	52	184	393	702	957	1148	1120	826	471	153	23
50	6	18	98	261	548	807	993	965	677	327	80	7
55	1	5	44	151	397	657	838	810	530	201	33	1
60	-7777	1	14	72	255	507	683	655	388	103	10	-7777
Growing Degree Units for Corn (Monthly)												
50/86	68	96	203	339	549	740	855	834	640	392	171	61

Growing Degree Units (Accumulated Monthly)												
40	65	179	478	1014	1871	2978	4281	5556	6532	7154	7409	7474
45	24	76	260	653	1355	2312	3460	4580	5406	5877	6030	6053
50	6	24	122	383	931	1738	2731	3696	4373	4700	4780	4787
55	1	6	50	201	598	1255	2093	2903	3433	3634	3667	3668
60	0	1	15	87	342	849	1532	2187	2575	2678	2688	2688
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	68	164	367	706	1255	1995	2850	3684	4324	4716	4887	4948

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