

Summary of Monthly Normals
1981-2010

Generated on 05/23/2024

Current Location: Elev: 860 ft. Lat: 38.5912° N Lon: 94.8778° W
Station: PAOLA, KS US USC00146209

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	39.5	19.0	29.3	5.3	4.2	4.5	-7777	-7777	-7777	0	0	0	798	860	953	1108	0.0	0.0	6.7	8.6	27.9	1.5
02	45.3	23.0	34.2	5.6	4.6	4.9	2	1	-7777	-7777	0	0	585	641	724	864	0.0	0.0	11.1	4.8	22.2	0.9
03	55.7	32.4	44.1	4.3	3.6	3.7	28	19	9	2	-7777	-7777	367	420	504	651	0.0	0.0	20.3	1.0	15.8	0.0
04	66.2	43.2	54.7	4.1	3.0	3.4	115	89	56	20	5	2	124	158	215	329	0.0	0.1	27.7	0.0	3.8	0.0
05	75.3	54.6	64.9	2.9	3.2	2.8	319	265	191	91	31	17	10	19	37	93	0.0	0.3	31.0	0.0	0.1	0.0
06	83.8	64.0	73.9	2.6	2.2	2.2	567	507	418	275	146	103	-7777	-7777	1	8	0.0	4.1	30.0	0.0	0.0	0.0
07	88.6	68.7	78.6	2.5	1.9	1.9	733	671	578	423	271	214	0	0	0	-7777	0.5	12.5	31.0	0.0	0.0	0.0
08	87.9	66.2	77.1	4.1	2.7	3.2	683	621	528	376	233	181	0	-7777	-7777	2	1.0	12.6	31.0	0.0	0.0	0.0
09	80.0	56.6	68.3	3.3	2.9	2.9	407	352	274	160	77	52	8	13	25	61	0.1	3.1	30.0	0.0	0.1	0.0
10	68.6	44.6	56.6	3.2	2.4	2.3	140	107	67	24	6	3	90	119	172	284	0.0	0.1	29.8	0.0	3.5	0.0
11	54.7	33.5	44.1	5.0	3.8	4.0	26	17	8	1	-7777	-7777	353	404	485	628	0.0	0.0	19.6	0.8	14.0	0.0
12	41.5	21.8	31.7	5.5	5.8	5.5	2	1	-7777	0	0	0	725	787	879	1034	0.0	0.0	7.7	6.2	25.9	1.5
Summary	65.6	44.0	54.8	4.0	3.4	3.4	3022	2650	2129	1372	769	572	3060	3421	3995	5062	1.6	32.8	275.9	21.4	113.3	3.9

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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	1.28	5.4	3.0	0.7	0.2	0.72	1.18	1.81	
02	1.69	5.3	3.4	0.9	0.4	0.90	1.49	2.39	
03	2.77	7.7	5.1	2.0	0.5	1.60	2.40	3.49	
04	3.92	9.5	6.2	2.9	1.2	2.88	3.78	4.37	
05	5.80	11.2	8.0	3.8	1.8	3.37	5.65	7.81	
06	6.53	9.7	7.6	3.8	2.1	4.44	6.54	8.13	
07	4.05	8.4	6.0	2.5	1.0	2.20	3.72	5.07	
08	4.09	7.6	5.6	2.6	1.3	2.02	3.93	5.24	
09	4.37	7.9	5.4	2.4	1.4	1.94	3.71	5.43	
10	3.55	8.4	5.8	2.4	1.0	1.56	3.65	5.07	
11	2.55	6.5	4.3	2.0	0.7	1.28	2.01	3.22	
12	1.77	5.6	3.5	1.4	0.4	0.79	1.58	2.23	
Summary	42.37	93.2	63.9	27.4	12.0	23.70	39.64	54.26	

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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	3.1	2.2	1.3	0.4	-7777	0.0					0.5	1.8	5.8
02	3.5	1.7	1.2	0.5	0.2	0.0					0.0	2.0	5.5
03	0.8	0.6	0.2	0.1	0.0	0.0					0.0	0.0	0.5
04	0.1	0.1	-7777	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	0.1	-7777	-7777	-7777	0.0	0.0					0.0	0.0	0.0
11	0.6	0.4	0.2	0.1	-7777	0.0					0.0	0.0	0.1
12	3.2	1.8	1.3	0.3	0.2	0.0					0.0	1.5	4.5
Summary	11.4	6.8	4.2	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.5	5.3	16.4

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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	22	58	204	448	773	1017	1198	1148	849	518	197	36
45	6	24	121	316	619	867	1043	993	699	373	116	14
50	1	8	64	201	465	717	888	838	551	245	60	5
55	-7777	2	28	115	319	567	733	683	407	140	26	2
60	-7777	-7777	9	56	191	418	578	528	274	67	8	-7777
Growing Degree Units for Corn (Monthly)												
50/86	21	49	138	273	486	698	829	778	555	321	120	27

Growing Degree Units (Accumulated Monthly)												
40	22	80	284	732	1505	2522	3720	4868	5717	6235	6432	6468
45	6	30	151	467	1086	1953	2996	3989	4688	5061	5177	5191
50	1	9	73	274	739	1456	2344	3182	3733	3978	4038	4043
55	0	2	30	145	464	1031	1764	2447	2854	2994	3020	3022
60	0	0	9	65	256	674	1252	1780	2054	2121	2129	2129
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	21	70	208	481	967	1665	2494	3272	3827	4148	4268	4295

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