

Summary of Monthly Normals 1981-2010

Generated on 03/04/2024

Current Location: Elev: 1269 ft. Lat: 38.8000° N Lon: 97.6500° W
 Station: **SALINA MUNICIPAL AIRPORT, KS US USW00003919**

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	41.6	20.5	31.0	5.9	4.3	4.8	-7777	-7777	-7777	0	0	0	743	804	897	1052	0.0	0.0	8.9	7.6	28.0	1.0
02	46.5	24.6	35.5	6.2	5.0	5.3	3	1	-7777	-7777	0	0	547	602	685	825	0.0	0.0	11.3	4.1	21.1	0.9
03	57.0	33.9	45.4	4.6	3.8	3.8	31	21	11	2	-7777	-7777	327	379	462	609	0.0	-7777	21.5	0.9	13.0	-7777
04	67.1	43.2	55.2	4.6	3.0	3.6	118	90	58	23	6	3	113	146	204	318	-7777	0.6	27.6	0.0	3.0	0.0
05	76.5	54.0	65.3	3.2	2.7	2.8	328	274	201	103	40	25	10	18	38	96	-7777	2.0	31.0	0.0	0.0	0.0
06	87.2	64.0	75.6	3.6	2.5	2.9	618	558	469	325	195	150	-7777	-7777	1	7	1.8	11.4	30.0	0.0	0.0	0.0
07	93.0	69.3	81.1	2.8	2.2	2.3	811	749	655	501	348	289	0	0	0	-7777	5.5	20.6	31.0	0.0	0.0	0.0
08	91.1	68.1	79.6	4.0	2.6	3.3	762	700	607	453	304	249	0	-7777	-7777	1	5.3	17.4	31.0	0.0	0.0	0.0
09	81.9	58.4	70.2	3.5	2.7	2.9	462	406	325	205	112	83	7	11	21	51	0.4	6.8	29.8	0.0	-7777	0.0
10	69.0	46.0	57.5	3.6	2.5	2.6	160	124	81	34	10	6	82	108	158	266	0.0	0.4	29.4	0.0	1.7	0.0
11	54.9	32.9	43.9	5.2	3.5	3.9	22	14	6	1	-7777	-7777	355	407	489	634	0.0	0.0	19.2	0.9	14.2	0.0
12	42.4	22.3	32.3	6.1	5.4	5.5	1	-7777	-7777	0	0	0	703	764	857	1012	0.0	0.0	9.2	6.1	26.8	1.3
Summary	67.3	44.8	56.1	4.4	3.3	3.6	3316	2937	2413	1647	1015	805	2887	3239	3812	4871	13.0	59.2	279.9	19.6	107.8	3.2

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

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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	0.63	4.5	2.1	0.3	0.1	0.27	0.58	1.03	
02	1.17	5.5	2.7	0.6	0.1	0.27	1.02	2.05	
03	2.39	7.7	4.5	1.6	0.6	1.11	2.15	3.17	
04	3.05	8.4	5.5	2.1	0.7	1.86	3.16	3.76	
05	4.75	10.9	7.3	3.1	1.5	2.87	3.91	6.34	
06	4.11	10.3	6.6	2.7	1.3	2.86	3.81	5.31	
07	4.29	8.6	5.4	2.5	1.2	1.81	3.41	6.14	
08	3.95	7.8	5.5	2.2	1.0	2.36	3.83	5.17	
09	2.70	6.9	4.5	1.8	0.7	1.35	2.39	4.23	
10	2.27	7.2	4.2	1.4	0.6	1.21	2.05	3.31	
11	1.25	5.1	2.8	0.6	0.2	0.41	0.78	1.80	
12	0.94	5.1	2.3	0.4	0.1	0.30	0.65	1.31	
Summary	31.50	88.0	53.4	19.3	8.1	16.68	27.74	43.62	

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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	6.0	2.9	2.1	0.7	0.3	0.1	9.5	5.6	2.7	0.3	1.6	2.0	11.5
02	3.2	1.8	1.4	0.4	0.1	0.1	6.4	3.6	2.1	0.6	0.0	1.7	3.0
03	2.2	1.1	0.8	0.2	0.1	0.0	1.1	0.4	0.3	0.0	0.0	1.0	2.4
04	0.3	0.2	0.1	0.0	0.0	0.0	0.1	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	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	0.4	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
11	1.2	1.1	0.7	0.1	0.0	0.0	1.4	0.8	0.3	0.0	0.0	0.1	2.7
12	3.3	2.0	1.4	0.4	0.1	0.0	4.0	1.8	1.0	0.6	0.6	1.1	3.9
Summary	16.6	9.2	6.6	1.9	0.7	0.2	22.6	12.2	6.4	1.5	2.2	5.9	23.5

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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	31	72	232	460	783	1068	1275	1227	904	546	189	35
45	10	32	138	324	628	918	1120	1072	755	400	110	11
50	2	11	72	207	474	768	966	917	606	267	55	2
55	-7777	3	31	118	328	618	811	762	462	160	22	1
60	-7777	-7777	11	58	201	469	655	607	325	81	6	-7777
Growing Degree Units for Corn (Monthly)												
50/86	33	57	154	279	487	709	845	815	584	329	122	31

Growing Degree Units (Accumulated Monthly)												
40	31	103	335	795	1578	2646	3921	5148	6052	6598	6787	6822
45	10	42	180	504	1132	2050	3170	4242	4997	5397	5507	5518
50	2	13	85	292	766	1534	2500	3417	4023	4290	4345	4347
55	0	3	34	152	480	1098	1909	2671	3133	3293	3315	3316
60	0	0	11	69	270	739	1394	2001	2326	2407	2413	2413
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	33	90	244	523	1010	1719	2564	3379	3963	4292	4414	4445

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

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