

Summary of Monthly Normals
1981-2010

Generated on 04/27/2024

Current Location: Elev: 1995 ft. Lat: 38.1818° N Lon: 99.0994° W

Station: LARNED, KS US USC00144530

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	42.5	20.2	31.4	6.3	3.7	4.6	-7777	-7777	0	0	0	0	733	795	888	1043	0.0	0.0	10.6	7.8	28.1	1.0
02	46.8	23.7	35.3	6.6	4.6	5.2	2	1	-7777	0	0	0	555	610	693	833	0.0	0.0	12.8	5.2	22.1	0.8
03	56.5	32.0	44.2	4.8	3.9	3.9	24	15	7	1	-7777	0	357	410	495	644	0.0	0.0	20.8	1.6	15.4	0.1
04	66.2	40.7	53.5	4.9	3.2	3.8	100	76	47	18	5	3	146	182	244	365	0.0	0.6	26.3	0.1	4.8	0.0
05	75.5	52.0	63.8	3.2	2.4	2.6	292	240	172	83	30	19	20	31	55	122	-7777	2.2	30.8	0.0	-7777	0.0
06	85.2	62.2	73.7	3.5	2.5	2.9	562	502	414	275	151	110	1	1	3	14	0.6	8.7	30.0	0.0	0.0	0.0
07	90.8	66.9	78.8	3.0	2.0	2.2	739	677	584	430	281	224	-7777	-7777	-7777	1	2.7	17.6	31.0	0.0	0.0	0.0
08	89.5	65.7	77.6	3.7	2.6	3.0	700	638	546	394	249	197	-7777	-7777	-7777	3	2.0	16.0	31.0	0.0	0.0	0.0
09	81.5	56.6	69.0	3.4	2.7	2.9	433	378	299	183	92	65	12	17	28	61	0.3	6.4	29.6	0.0	0.1	0.0
10	68.7	44.1	56.4	4.7	2.4	3.0	142	108	68	25	6	3	98	127	179	292	0.0	0.4	29.2	0.1	2.5	0.0
11	54.7	31.6	43.2	5.4	3.2	3.9	19	12	5	1	-7777	-7777	375	428	511	656	0.0	-7777	18.8	1.4	15.7	0.0
12	42.9	22.2	32.6	5.8	4.3	4.7	-7777	-7777	0	0	0	0	696	758	851	1006	0.0	0.0	10.2	6.4	27.2	1.1
Summary	66.7	43.2	55.0	4.6	3.1	3.6	3013	2647	2142	1410	814	621	2993	3359	3947	5040	5.6	51.9	281.1	22.6	115.9	3.0

-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	0.62	2.7	1.8	0.4	0.0	0.10	0.47	0.92
02	0.82	3.6	2.0	0.4	0.1	0.20	0.65	1.16
03	1.86	5.6	3.8	1.3	0.3	0.84	1.61	2.21
04	2.16	6.1	4.0	1.6	0.5	1.09	2.17	3.07
05	3.68	8.5	5.5	2.7	1.1	1.94	3.51	4.66
06	4.64	7.9	5.8	2.6	1.2	2.07	4.05	6.63
07	3.75	7.1	5.4	2.5	1.1	1.74	3.04	5.49
08	2.85	6.6	5.1	1.9	0.8	1.45	2.53	3.88
09	1.68	4.8	3.3	1.1	0.3	0.86	1.52	2.30
10	1.88	5.4	3.7	1.2	0.5	0.42	1.50	2.56
11	0.94	3.6	2.1	0.5	0.1	0.25	0.57	1.40
12	0.91	3.5	2.4	0.5	0.2	0.27	0.54	1.10
Summary	25.79	65.4	44.9	16.7	6.2	11.23	22.16	35.38

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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	5.1	1.6	1.1	0.6	0.2	0.1	4.8	2.6	1.5	0.3	0.5	2.3	8.3
02	2.8	1.4	1.2	0.5	0.2	0.0	2.8	1.2	1.0	0.1	0.0	1.5	3.5
03	2.7	1.0	0.9	0.4	0.1	0.0	0.9	0.6	0.1	0.0	0.0	0.0	5.0
04	0.6	0.3	0.2	0.1	0.1	0.0	0.3	0.1	0.1	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	0.1	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.3	0.2	0.1	0.1	0.0	0.0	0.4	0.2	-7777	0.0	0.0	0.0	0.0
12	3.1	1.7	1.1	0.4	0.1	-7777	3.3	1.5	0.4	0.0	0.5	2.3	3.7
Summary	14.7	6.2	4.6	2.1	0.7	0.1	12.5	6.2	3.1	0.4	1.0	6.1	20.5

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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	38	73	214	415	736	1011	1204	1165	872	514	179	39
45	12	32	125	287	582	861	1049	1010	723	372	102	12
50	3	10	62	180	432	711	894	855	576	244	49	3
55	-7777	2	24	100	292	562	739	700	433	142	19	-7777
60	0	-7777	7	47	172	414	584	546	299	68	5	0
Growing Degree Units for Corn (Monthly)												
50/86	44	66	152	262	452	670	802	772	558	315	124	38

Growing Degree Units (Accumulated Monthly)												
40	38	111	325	740	1476	2487	3691	4856	5728	6242	6421	6460
45	12	44	169	456	1038	1899	2948	3958	4681	5053	5155	5167
50	3	13	75	255	687	1398	2292	3147	3723	3967	4016	4019
55	0	2	26	126	418	980	1719	2419	2852	2994	3013	3013
60	0	0	7	54	226	640	1224	1770	2069	2137	2142	2142
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	44	110	262	524	976	1646	2448	3220	3778	4093	4217	4255

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