

Summary of Monthly Normals
1991-2020

Generated on 05/17/2024

Current Location: Elev: 531 ft. Lat: 38.7525° N Lon: 90.3736° W
Station: **ST LOUIS LAMBERT INTL AP, MO US USW00013994**

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	40.4	23.8	32.1	4.3	4.0	4.0	2.2	1.2	0.4	0.0	0.0	0.0	711.9	772.9	865.1	1019.6	0.0	0.0	7.5	8.4	24.1	0.8
02	45.8	27.6	36.7	5.4	5.0	5.1	7.3	4.7	2.2	0.6	0.1	0.0	519.7	573.1	654.6	792.9	0.0	0.0	10.1	4.8	18.9	0.2
03	56.6	36.7	46.6	4.9	4.2	4.5	48.7	36.4	22.2	7.3	1.5	0.6	307.6	357.3	436.1	576.1	0.0	0.0	20.9	0.7	10.3	0.0
04	68.0	47.0	57.5	3.5	3.3	3.3	159.0	126.1	85.0	37.0	11.2	5.9	84.0	111.1	160.0	262.0	0.0	0.3	28.3	0.0	1.4	0.0
05	77.1	57.9	67.5	3.2	3.2	3.1	393.8	337.6	259.2	149.6	69.5	46.4	6.3	12.1	26.8	72.1	0.0	1.9	31.0	0.0	0.0	0.0
06	85.9	67.2	76.5	2.5	2.1	2.2	646.4	586.4	496.9	350.8	214.5	165.2	0.0	0.1	0.5	4.4	0.1	10.6	30.0	0.0	0.0	0.0
07	89.6	71.1	80.4	3.1	2.5	2.7	785.8	723.8	630.8	475.8	322.5	263.4	0.0	0.0	0.0	0.0	1.6	15.9	31.0	0.0	0.0	0.0
08	88.3	69.3	78.8	2.8	2.6	2.6	737.7	675.7	582.7	428.3	277.4	220.9	0.0	0.0	0.0	0.6	1.1	13.0	31.0	0.0	0.0	0.0
09	81.1	60.9	71.0	3.1	2.9	2.9	482.4	424.4	340.1	212.3	111.0	79.9	2.4	4.5	10.2	32.4	0.1	5.0	30.0	0.0	0.0	0.0
10	69.2	49.1	59.1	2.9	2.3	2.4	193.6	154.9	105.8	48.0	16.3	9.8	65.0	88.3	132.2	229.4	0.0	0.4	30.1	0.0	0.6	0.0
11	55.5	37.4	46.5	5.2	3.9	4.4	37.5	26.1	14.0	3.4	0.6	0.3	294.0	342.5	420.5	559.8	0.0	0.0	20.1	0.7	9.1	0.0
12	44.5	28.5	36.5	4.5	4.2	4.3	4.5	2.8	1.1	0.1	0.0	0.0	577.9	638.2	729.6	883.5	0.0	0.0	10.4	4.7	20.4	0.0
Summary	66.8	48.0	57.4	3.8	3.4	3.5	3499	3100	2540	1713	1025	792	2569	2900	3436	4433	2.9	47.1	280.4	19.3	84.8	1.0

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	2.59	9.3	4.7	1.8	0.6	1.23	2.04	3.15
02	2.23	8.7	4.9	1.4	0.3	1.37	2.01	3.06
03	3.50	10.8	6.8	2.4	0.8	2.50	3.19	4.14
04	4.73	11.5	7.8	3.3	1.2	3.01	4.16	6.04
05	4.82	12.6	8.3	3.3	1.3	3.19	4.22	5.75
06	4.49	9.8	6.7	3.2	1.4	2.21	3.66	5.77
07	3.93	8.9	6.0	2.9	1.1	2.18	3.68	5.44
08	3.38	8.4	5.4	2.2	1.0	2.06	3.53	4.42
09	2.96	7.3	4.5	1.9	1.0	1.69	2.78	3.18
10	3.15	8.5	5.6	2.4	0.8	2.02	2.64	3.67
11	3.42	9.0	5.4	2.3	1.1	1.99	3.19	4.89
12	2.50	9.0	5.2	1.3	0.4	1.49	1.98	2.83
Summary	41.70	113.8	71.3	28.4	11.0	24.94	37.08	52.34

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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	5.70	4.7	1.7	0.6	0.2	0.0	7.2	3.1	1.8	0.1	2.00	4.60	7.30
02	4.30	3.9	1.3	0.3	0.1	0.0	4.3	1.8	0.5	0.1	1.20	2.60	6.30
03	2.30	1.7	0.6	0.2	0.1	0.1	1.4	0.5	0.2	0.0	0.10	1.00	2.90
04	0.20	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.90	0.8	0.4	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.00	0.00	1.60
12	3.20	3.2	1.0	0.3	0.1	0.0	3.8	1.8	0.7	0.0	0.40	2.00	4.10
Summary	16.6	14.5	5.1	1.4	0.5	0.1	17.4	7.3	3.2	0.2	3.7	10.2	22.2

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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	46.6	86.0	260.5	529.0	852.5	1096.3	1250.7	1202.6	929.9	595.4	245.8	77.8
45	19.6	43.3	163.9	389.8	697.5	946.3	1095.7	1047.6	779.9	446.0	149.1	35.0
50	7.1	19.7	93.8	263.5	543.2	796.3	940.7	892.6	630.2	308.3	80.7	13.7
55	2.2	7.3	48.7	159.0	393.8	646.4	785.8	737.7	482.4	193.6	37.5	4.5
60	0.4	2.2	22.2	85.0	259.2	496.9	630.8	582.7	340.1	105.8	14.0	1.1
Growing Degree Units for Corn (Monthly)												
50/86	29.2	53.6	152.6	312.0	545.5	755.2	867.5	832.3	615.4	350.4	131.2	41.2

Growing Degree Units (Accumulated Monthly)												
40	47	133	393	922	1775	2871	4122	5324	6254	6849	7095	7173
45	20	63	227	617	1314	2260	3356	4404	5184	5630	5779	5814
50	7	27	121	384	927	1724	2664	3557	4187	4495	4576	4590
55	2	10	58	217	611	1257	2043	2781	3263	3457	3494	3499
60	0	3	25	110	369	866	1497	2079	2419	2525	2539	2540
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	29	83	235	547	1093	1848	2716	3548	4163	4514	4645	4686

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