

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1364 ft. Lat: 37.5908° N Lon: 83.3131° W
Station: JACKSON, KY US USW00003889

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	44.2	27.4	35.8	4.6	4.8	4.6	7.2	4.3	1.5	0.2	0.0	0.0	602.2	661.3	751.6	905.3	0.0	0.0	10.9	6.7	20.9	0.4
02	48.8	30.5	39.7	5.2	4.7	4.8	12.7	8.2	3.8	0.7	0.0	0.0	442.4	494.0	573.6	710.5	0.0	0.0	13.8	3.5	17.0	0.1
03	58.0	37.6	47.8	4.8	4.2	4.4	59.0	44.2	26.7	8.3	1.7	0.7	282.1	329.3	404.9	541.4	0.0	0.0	22.5	0.8	11.4	0.0
04	69.2	47.3	58.2	3.1	3.0	3.0	179.9	144.2	97.8	41.2	11.0	5.1	82.5	106.8	150.3	243.7	0.0	0.0	28.3	0.0	2.1	0.0
05	75.7	55.6	65.6	3.2	3.2	3.1	342.0	287.4	212.2	109.3	37.6	18.9	11.9	19.2	37.1	89.2	0.0	0.1	30.9	0.0	0.1	0.0
06	82.2	62.9	72.6	2.0	1.7	1.7	526.6	466.8	378.1	235.3	110.8	70.8	0.1	0.4	1.6	8.8	0.1	1.9	30.0	0.0	0.0	0.0
07	85.0	66.5	75.7	2.5	1.8	2.0	643.2	581.2	488.2	333.7	184.0	130.0	0.0	0.0	0.0	0.4	0.0	5.3	31.0	0.0	0.0	0.0
08	84.4	65.3	74.9	2.7	2.2	2.3	615.3	553.3	460.4	306.4	161.3	111.7	0.0	0.0	0.0	1.1	0.0	4.4	31.0	0.0	0.0	0.0
09	79.0	59.1	69.1	3.8	2.7	3.1	424.1	366.7	283.8	160.9	68.5	43.1	2.6	5.2	12.3	39.4	0.0	2.1	30.0	0.0	0.0	0.0
10	68.8	48.5	58.7	2.8	2.3	2.3	177.2	139.5	91.8	35.8	9.2	4.7	64.0	88.4	133.7	232.7	0.0	0.1	29.9	0.0	0.9	0.0
11	57.4	38.8	48.1	4.7	3.7	4.1	47.1	32.3	16.7	4.3	0.4	0.1	254.0	299.3	373.7	511.2	0.0	0.0	22.1	0.5	8.7	0.0
12	47.6	31.8	39.7	5.0	4.3	4.6	11.6	7.1	2.9	0.3	0.0	0.0	485.8	543.4	632.1	784.6	0.0	0.0	13.5	4.1	16.9	0.0
Summary	66.7	47.6	57.2	3.7	3.2	3.3	3046	2635	2064	1236	585	385	2228	2547	3071	4068	0.1	13.9	293.9	15.6	78.0	0.5

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	3.96	14.4	7.9	2.6	1.0	2.65	3.64	5.06
02	4.06	13.8	8.5	2.7	0.9	3.03	3.62	4.47
03	4.71	14.4	8.8	3.3	1.2	2.88	4.11	5.73
04	4.54	13.2	8.7	3.4	0.8	3.23	4.02	5.10
05	5.17	13.8	9.7	3.5	1.4	3.64	4.94	6.25
06	5.25	12.7	8.9	4.1	1.3	4.12	5.00	6.70
07	5.10	12.6	9.0	3.9	1.2	3.98	5.26	6.39
08	4.26	10.5	6.6	3.0	1.4	2.72	3.81	5.10
09	3.42	8.2	5.6	2.2	1.0	2.04	2.91	4.74
10	3.45	9.5	6.3	2.4	0.7	2.13	3.13	4.88
11	3.50	11.0	6.3	2.5	0.8	2.66	3.03	4.78
12	4.47	13.9	8.5	2.9	1.1	2.98	4.28	5.77
Summary	51.89	148.0	94.8	36.5	12.8	36.06	47.75	64.97

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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	7.40	6.3	2.1	0.5	0.3	0.1	6.1	2.1	0.8	0.5	2.40	4.40	9.50
02	6.70	5.6	2.1	0.5	0.1	0.0	4.6	1.6	0.8	0.1	3.10	5.10	8.90
03	4.00	3.3	1.1	0.3	0.2	0.0	2.1	0.6	0.2	0.1	0.40	2.30	4.60
04	0.40	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.70
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	0.10	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.70	1.1	0.3	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.10	1.20
12	4.10	4.7	1.4	0.3	0.1	0.0	3.6	0.9	0.3	0.1	0.50	1.70	5.70
Summary	23.4	21.6	7.3	1.6	0.7	0.1	16.7	5.3	2.1	0.8	6.4	13.6	30.6

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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	92.5	124.8	292.9	551.9	795.2	976.3	1108.1	1080.1	871.3	580.0	281.9	129.1
45	45.9	68.0	190.4	412.5	640.4	826.4	953.1	925.2	721.4	431.7	177.9	68.4
50	19.6	32.2	113.2	286.4	487.3	676.4	798.2	770.2	571.8	293.7	98.6	31.3
55	7.2	12.7	59.0	179.9	342.0	526.6	643.2	615.3	424.1	177.2	47.1	11.6
60	1.5	3.8	26.7	97.8	212.2	378.1	488.2	460.4	283.8	91.8	16.7	2.9
Growing Degree Units for Corn (Monthly)												
50/86	46.5	70.8	172.3	334.8	502.2	665.4	775.0	747.7	568.5	339.5	151.3	62.1

Growing Degree Units (Accumulated Monthly)												
40	92	217	510	1062	1857	2834	3942	5022	5893	6473	6755	6884
45	46	114	304	717	1357	2184	3137	4062	4783	5215	5393	5461
50	20	52	165	451	939	1615	2413	3184	3755	4049	4148	4179
55	7	20	79	259	601	1127	1771	2386	2810	2987	3034	3046
60	2	5	32	130	342	720	1208	1669	1952	2044	2061	2064
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	46	117	290	624	1127	1792	2567	3315	3883	4223	4374	4436

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

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