

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 930 ft. Lat: 40.3706° N Lon: 95.7469° W
Station: AUBURN 5 ESE, NE US USC00250435

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	34.7	14.1	24.4	5.5	4.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	948.3	1010.4	1103.4	1258.3	0.0	0.0	5.0	13.6	29.8	4.9
02	40.0	18.6	29.3	6.9	5.5	6.0	1.5	0.9	0.4	0.1	0.0	0.0	721.0	776.5	860.0	999.5	0.0	0.0	7.6	9.4	24.8	2.8
03	53.3	29.4	41.4	5.9	4.7	5.0	23.7	17.0	9.6	2.6	0.4	0.1	446.9	502.2	587.9	735.8	0.0	0.0	18.5	2.2	19.1	0.6
04	65.0	40.2	52.6	3.8	3.6	3.6	89.3	66.7	41.3	15.4	4.2	2.3	161.3	198.7	263.3	387.4	0.0	0.8	26.5	0.1	6.8	0.0
05	75.3	53.4	64.3	3.8	3.0	3.1	311.6	261.6	194.1	103.4	43.9	28.7	21.8	33.8	59.3	123.6	0.2	2.4	30.8	0.0	0.8	0.0
06	84.2	63.4	73.8	2.7	2.2	2.3	564.0	504.3	415.3	272.9	147.9	107.0	0.2	0.4	1.4	9.1	0.2	8.2	30.0	0.0	0.0	0.0
07	87.3	67.1	77.2	3.1	2.9	2.8	688.1	626.2	533.2	379.5	232.4	178.8	0.0	0.0	0.0	1.3	1.1	11.5	31.0	0.0	0.0	0.0
08	85.7	63.9	74.8	2.9	3.0	2.7	613.7	551.8	459.2	308.5	172.8	127.6	0.0	0.1	0.4	4.8	0.8	9.7	31.0	0.0	0.0	0.0
09	80.0	54.8	67.4	3.6	3.8	3.5	381.3	327.3	252.1	147.6	73.8	52.3	9.4	15.4	30.2	75.7	0.2	5.4	30.0	0.0	0.4	0.0
10	67.1	41.9	54.5	4.0	2.6	3.0	121.4	93.2	60.3	25.1	8.4	5.3	136.9	170.7	230.8	350.6	0.0	1.0	28.5	0.1	6.3	0.0
11	51.7	29.0	40.4	6.1	4.1	4.9	13.3	8.6	4.2	0.9	0.0	0.0	452.7	508.1	593.7	740.3	0.0	0.0	17.2	2.7	18.7	0.2
12	39.1	19.0	29.0	5.2	5.0	4.8	0.4	0.2	0.1	0.0	0.0	0.0	804.7	866.6	959.4	1114.3	0.0	0.0	7.0	9.7	28.7	2.2
Summary	63.6	41.2	52.4	4.5	3.7	3.9	2808	2458	1970	1256	684	502	3703	4083	4690	5801	2.5	39.0	263.1	37.8	135.4	10.7

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 930 ft. Lat: 40.3706° N Lon: 95.7469° W
Station: **AUBURN 5 ESE, NE US USC00250435**

Summary of Monthly Normals
1991-2020
Generated on 05/20/2024

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	0.76	5.8	2.4	0.1	0.0	0.47	0.74	1.09
02	1.11	6.3	3.2	0.5	0.1	0.74	1.11	1.31
03	2.00	7.7	4.5	1.2	0.2	0.86	1.60	2.88
04	2.90	8.8	5.8	1.7	0.7	1.97	2.74	3.57
05	4.99	10.2	7.3	3.3	1.7	2.84	4.68	6.53
06	4.40	9.6	7.0	2.9	1.3	3.37	4.05	5.41
07	4.34	8.6	6.4	2.9	1.4	2.35	4.01	5.16
08	3.34	7.8	5.3	2.1	0.8	1.98	3.02	4.52
09	3.07	6.5	4.9	1.9	0.9	1.38	2.70	4.10
10	2.49	6.6	4.4	1.7	0.7	0.92	2.18	4.07
11	1.74	5.2	3.2	1.2	0.4	0.67	1.30	2.11
12	1.17	5.8	2.7	0.7	0.1	0.57	0.85	1.70
Summary	32.31	88.9	57.1	20.2	8.3	18.12	28.98	42.45

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 930 ft. Lat: 40.3706° N Lon: 95.7469° W
Station: **AUBURN 5 ESE, NE US USC00250435**

Summary of Monthly Normals
1991-2020
Generated on 05/20/2024

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	7.70	4.7	2.3	0.8	0.4	0.0	14.4	8.4	4.9	0.8	4.30	6.80	9.40
02	8.10	4.7	2.5	1.0	0.3	0.0	11.4	6.1	3.2	0.4	2.00	10.40	11.40
03	3.60	2.8	1.2	0.3	0.0	0.0	3.6	1.4	0.7	0.2	0.80	3.00	5.90
04	1.60	1.0	0.4	0.2	0.1	0.0	0.4	0.3	0.2	0.0	0.00	0.00	1.30
05	0.10	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	0.60	0.4	0.1	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.20
11	2.30	1.5	0.7	0.2	0.1	0.0	2.1	0.8	0.3	0.0	0.10	1.00	2.50
12	6.40	4.0	1.9	0.6	0.2	0.0	9.0	5.1	2.2	0.5	2.00	4.90	7.50
Summary	30.4	19.1	9.1	3.2	1.1	0.0	41.1	22.1	11.5	1.9	9.2	26.1	38.2

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 930 ft. Lat: 40.3706° N Lon: 95.7469° W
Station: **AUBURN 5 ESE, NE US USC00250435**

Summary of Monthly Normals
1991-2020
Generated on 05/20/2024

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	8.5	34.0	165.0	396.3	754.8	1013.9	1153.2	1078.7	822.0	461.6	135.3	20.9
45	1.8	14.2	94.2	270.8	600.9	863.9	998.2	923.7	672.1	326.6	71.1	6.2
50	0.1	5.1	49.2	166.1	450.6	713.8	843.1	768.7	523.9	211.5	32.7	1.7
55	0.0	1.5	23.7	89.3	311.6	564.0	688.1	613.7	381.3	121.4	13.3	0.4
60	0.0	0.4	9.6	41.3	194.1	415.3	533.2	459.2	252.1	60.3	4.2	0.1
Growing Degree Units for Corn (Monthly)												
50/86	12.4	31.2	122.6	248.6	471.3	686.6	794.1	730.5	531.9	294.2	97.0	19.7

Growing Degree Units (Accumulated Monthly)												
40	8	42	208	604	1359	2372	3526	4604	5426	5888	6023	6044
45	2	16	110	381	982	1846	2844	3768	4440	4766	4838	4844
50	0	5	54	220	671	1385	2228	2997	3521	3732	3765	3766
55	0	2	25	114	426	990	1678	2292	2673	2795	2808	2808
60	0	0	10	51	245	661	1194	1653	1905	1966	1970	1970
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	12	44	166	415	886	1573	2367	3097	3629	3923	4020	4040

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.