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

Summary of Monthly Normals
1991-2020

Generated on 11/05/2026

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

Current Location: Elev: 599 ft. Lat: 40.4122° N Lon: 86.9369° W

Station: **LAFAYETTE PURDUE UNIV AP, IN US USW00014835**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	33.4	18.2	25.8	4.8	5.3	4.9	0.4	0.3	0.2	0.0	0.0	0.0	905.4	967.3	1060.0	1214.9	0.0	0.0	3.6	13.3	26.6	3.1
02	38.0	21.4	29.7	5.6	5.5	5.5	1.1	0.5	0.1	0.0	0.0	0.0	709.4	764.8	848.3	988.3	0.0	0.0	5.6	8.7	23.7	1.6
03	49.5	30.4	40.0	5.2	4.4	4.7	18.4	12.6	6.7	2.4	0.5	0.2	485.0	541.1	628.2	778.9	0.0	0.0	15.3	2.0	18.0	0.1
04	61.9	40.3	51.1	3.2	2.9	2.9	65.5	46.7	26.4	7.9	1.6	0.6	182.5	223.7	293.4	424.9	0.0	0.0	26.4	0.0	5.6	0.0
05	72.5	50.7	61.6	3.8	3.3	3.4	239.0	193.9	135.6	64.3	21.3	12.0	34.4	51.3	86.0	169.8	0.0	1.0	30.8	0.0	0.3	0.0
06	81.2	60.1	70.7	2.1	2.1	1.8	470.3	411.4	325.1	193.2	88.5	57.9	0.9	2.1	5.8	23.9	0.0	4.8	30.0	0.0	0.0	0.0
07	83.8	63.4	73.6	3.2	2.7	2.8	576.5	514.5	421.6	270.0	136.8	95.0	0.0	0.0	0.1	3.4	0.4	6.6	31.0	0.0	0.0	0.0
08	82.7	61.7	72.2	2.6	2.9	2.6	533.1	471.2	378.5	229.7	106.5	70.8	0.0	0.1	0.4	6.6	0.0	5.2	31.0	0.0	0.0	0.0
09	77.2	53.9	65.5	3.5	2.6	2.8	325.9	272.4	198.6	99.7	37.3	21.7	9.5	15.9	32.3	83.3	0.0	2.6	30.0	0.0	0.1	0.0
10	64.5	43.0	53.7	2.8	2.4	2.4	98.5	73.7	44.4	15.9	3.9	1.9	137.3	174.4	238.2	364.7	0.0	0.2	29.0	0.0	3.4	0.0
11	50.0	32.6	41.3	5.1	3.6	4.1	13.3	8.1	3.2	0.4	0.0	0.0	424.3	479.1	564.2	711.3	0.0	0.0	16.6	1.3	14.6	0.0
12	38.2	23.8	31.0	4.8	5.1	4.8	1.6	0.9	0.2	0.0	0.0	0.0	745.5	806.8	899.1	1053.9	0.0	0.0	5.8	8.4	23.7	0.8
Summary	61.1	41.6	51.3	3.9	3.6	3.6	2344	2006	1541	884	396	260	3634	4027	4656	5824	0.4	20.4	255.1	33.7	116.0	5.6

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	2.19	9.3	4.9	1.3	0.4	1.22	1.83	2.80
02	1.78	8.1	4.3	1.0	0.4	0.84	1.67	2.39
03	2.73	10.6	5.6	1.8	0.5	1.30	3.07	3.62
04	3.84	11.6	7.3	2.7	1.0	2.35	3.25	5.15
05	4.04	12.6	8.2	2.7	1.0	2.73	4.02	5.42
06	4.56	12.6	7.8	3.1	1.3	2.69	4.34	5.45
07	4.08	11.8	7.2	2.8	1.2	2.81	3.98	5.29
08	3.12	10.4	5.5	2.2	0.6	2.09	3.12	4.02
09	2.59	9.4	4.8	1.8	0.6	1.55	2.25	3.60
10	2.91	9.5	5.5	2.0	0.6	1.52	2.53	3.62
11	2.87	10.1	5.7	1.9	0.6	1.76	2.86	3.22
12	2.29	10.3	5.2	1.4	0.3	1.41	1.97	3.07
Summary	37.00	126.3	72.0	24.7	8.5	22.27	34.89	47.65

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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	16.0	30.2	137.2	350.3	669.6	919.3	1041.5	998.1	766.4	432.2	144.8	33.3
45	6.1	12.8	78.5	229.2	515.6	769.3	886.5	843.0	616.6	293.8	77.4	13.2
50	1.9	4.4	40.9	132.2	368.7	619.4	731.5	688.1	468.6	180.4	35.6	4.9
55	0.4	1.1	18.4	65.5	239.0	470.3	576.5	533.1	325.9	98.5	13.3	1.6
60	0.2	0.1	6.7	26.4	135.6	325.1	421.6	378.5	198.6	44.4	3.2	0.2
Growing Degree Units for Corn (Monthly)												
50/86	7.8	18.2	82.2	203.7	407.9	610.2	711.0	673.2	485.4	251.9	75.4	14.5
Growing Degree Units (Accumulated Monthly)												
40	16	46	183	534	1203	2123	3164	4162	4929	5361	5506	5539
45	6	19	97	327	842	1612	2498	3341	3958	4251	4329	4342
50	2	6	47	179	548	1168	1899	2587	3056	3236	3272	3277
55	0	2	20	85	324	795	1371	1904	2230	2329	2342	2344
60	0	0	7	33	169	494	916	1294	1493	1537	1540	1541
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	26	108	312	720	1330	2041	2714	3200	3452	3527	3541

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

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