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Indiana State Climate Office

Monthly Weather Report

Dec 12, 2006



<http://www.iclimat.org>

November 2006 Summary

November 1-7

November started out cooler than normal across the Hoosier State, this as a cold front was exiting the state. The normal mean temperature is 46.2°F for the 1st week of November compared to this year with 42.8°F. While the front exited the state on the 1st, southern portions of Indiana saw light showers of 0.04 inches or less. High pressure then settled in on the 2nd and 3rd. The coldest morning of the month occurred on the morning of the 3rd when temperatures dropped into the lower 20s and even down into the teens in some locations. Weak disturbances moved across portions of the state on the 4th and 5th before more organized precipitation occurred on the 6th as a stationary front set up near the Ohio River. This feature brought over a half inch of rain to southern Indiana with slightly lower amounts in the northern counties. Residual moisture on the 7th again brought 0.11 inches or less, however rainfall totals still finished 0.06 inches below the normal of 0.63.

November 8-19

A cold front out in the plains began encroaching upon the state on the 9th, however left the 8th dry. The cold front stalled out over the state as a stationary front on the 9th and 10th before a cold front finally blasts through on the 11th. Before the front came through, temperatures soared into the 70s on the 10th. With the front and moisture to the east, the 12th remains dry. The dry weather was short-lived as multiple weak disturbances brought a few showers to spotty locations on the 13th and then more widespread light rain showers on the 14th. The 15th however, was the setup for a heavier rain event and also even a severe weather event. A low pressure system moved up from southern portions of the United States and tapped into gulf moisture on its way north. The only severe weather in Indiana however remained confined to near the Ohio River in Harrison County. Elizabeth, IN had 8-9 trees down with one on a mobile home. The bigger story was the heavy rain with widespread inch and a half totals across the south and near a half inch across the north. Some local areas received heavier amounts of around 3 ½ inches. The low pressure center stuck around for the 16th before finally giving the state a dry rest period on the 17th. This rainfall caused lowland flooding along the Wabash, White, and portions of the East Fork White Rivers with the highest water levels this fall. Flooding in some areas lasted upwards of eight days. Another weak low pressure center around southwest Indiana brought light rain showers to the area on the 18th. On the back side of

this low, light snowfall fell over Indiana on the 19th. Temperatures on the whole during this period were right around the mean temperature average of 42.5. With the rain on the 15th and 16th, rainfall was 0.55 inches above the normal of 1.45.

November 20-30

The 20th began a warming trend of above normal temperatures that would last through the end of the month and a dry trend for Indiana that would last through the 27th. The 20th only saw highs in the 40s, however by the 24th widespread 60s could be seen across the state and by the end of the month pockets of 70 degree temperatures could be seen across southern Indiana. Low temperatures gradually made an increase as well from the 20s to the 50s. Mean temperatures for the state during this time frame were 8.8°F warmer than the normal of 38.4°F. The other story besides the temperatures was the system that influenced the state from the 28th through the 30th. A low pressure system was situated over the central United States on the 28th with a warm front draped to the north and a stationary front to the west. This brought light rain showers of 0.16 inches or less across the state. By the 29th a cold front began surging towards the state and with it heavier rainfall values of on average 0.14 to 0.92 inches fell. With cloud cover in place, along with warm air steaming in ahead of the cold front, Indianapolis had a record warm low of 57 degrees on the morning of the 29th. This strong system plowed through the Midwest on the 30th and gathered enough gulf moisture to finish off the month with rainfall amounts averaging anywhere from 1.30 inches to over two inches on the 30th. Rivers responded by rising once again across a large portion of the state. Due to the powerful nature of this system, severe wind reports were recorded in the southeast corner of Indiana. Damage included multiple trees down across that corner of the state. This late November storm system brought with it the end to the warm weather across the state.

Temperature

Region	Average	Normal	Deviation
Northwest	43.3	40.0	3.4
North central	42.9	39.8	3.0
Northeast	42.3	39.6	2.8
West central	44.1	41.5	2.6
Central	44.3	41.4	2.9
East central	43.9	40.7	3.2
Southwest	45.6	44.8	0.8
South central	45.5	44.5	1.0
Southeast	45.6	43.8	1.8
State	44.2	41.8	2.4

Precipitation

Region	Total	Normal	Deviation	Percent of Normal
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Northwest	4.38	2.98	1.40	147
North central	4.37	2.98	1.39	147
Northeast	4.06	2.87	1.18	141
West central	4.88	3.45	1.44	142
Central	4.99	3.48	1.50	143
East central	4.47	3.26	1.20	137
Southwest	5.51	4.15	1.36	133
South central	5.57	4.01	1.57	139
Southeast	3.96	3.67	0.29	108
State	4.77	3.45	1.31	138

Local extremes with over 50% of the data available

	Site	Ob	Dev	% Available Data
Low Precipitation	Kendallville	1.42	-1.62	90
High Precipitation	4 E of Vincennes	5.60	1.29	93

**Fall Season-to-date
(September-November)**

Temperature

Region	Average	Normal	Deviation
Northwest	51.2	52.3	-1.1
North central	50.8	51.8	-1.0
Northeast	50.5	51.4	-0.9
West central	52.4	53.6	-1.3
Central	52.2	53.2	-1.0
East central	51.8	52.4	-0.7
Southwest	54.3	56.4	-2.1
South central	53.7	55.8	-2.1
Southeast	53.4	55.1	-1.6
State	52.3	53.6	-1.3

Precipitation

Region	Total	Normal	Deviation	Percent of Normal
Northwest	12.14	9.28	2.86	131
North central	11.94	9.39	2.55	127
Northeast	11.76	8.92	2.83	132
West central	13.54	9.52	4.02	142
Central	14.62	9.43	5.19	155
East central	13.32	8.90	4.42	150
Southwest	17.98	10.42	7.56	172
South central	17.83	10.23	7.60	174
Southeast	14.56	9.72	4.84	150
State	14.36	9.58	4.78	150

Annual-to-Date

Temperature

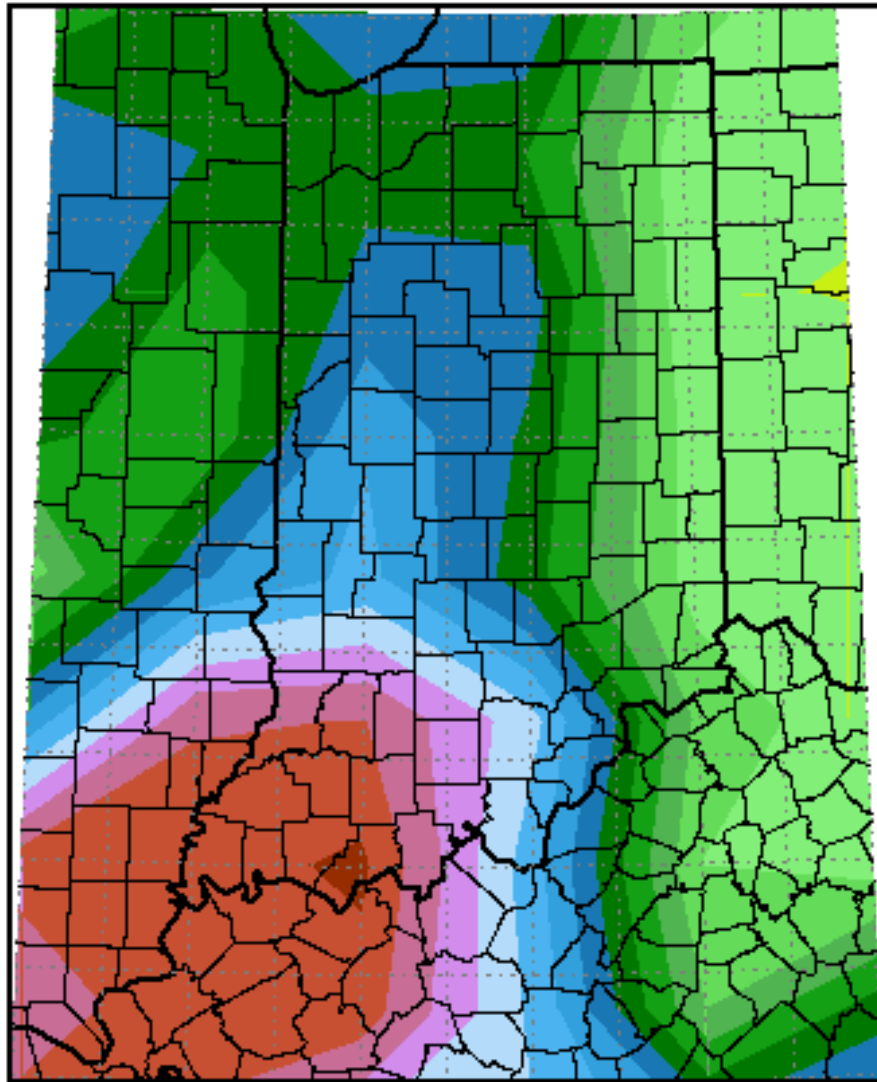
Region	Average	Normal	Deviation
Northwest	53.6	52.3	1.4
North central	53.2	51.8	1.4
Northeast	53.1	51.4	1.6
West central	55.1	53.9	1.2
Central	54.7	53.4	1.3
East central	54.2	52.6	1.6
Southwest	58.0	57.0	1.0
South central	57.0	56.4	0.6
Southeast	56.3	55.5	0.8
State	55.1	53.9	1.2

Precipitation

Region	Total	Normal	Deviation	Percent of Normal
Northwest	41.96	35.38	6.57	119
North central	41.58	35.42	6.16	117
Northeast	39.88	34.07	5.81	117
West central	45.38	38.29	7.09	119
Central	50.06	37.76	12.30	133

East central	45.28	36.37	8.91	124
Southwest	55.51	42.04	13.47	132
South central	56.34	42.16	14.17	134
Southeast	49.23	40.75	8.48	121
State	47.71	38.14	9.58	125

**Total Precipitation in Inches
November 1, 2006 to November 30, 2006**

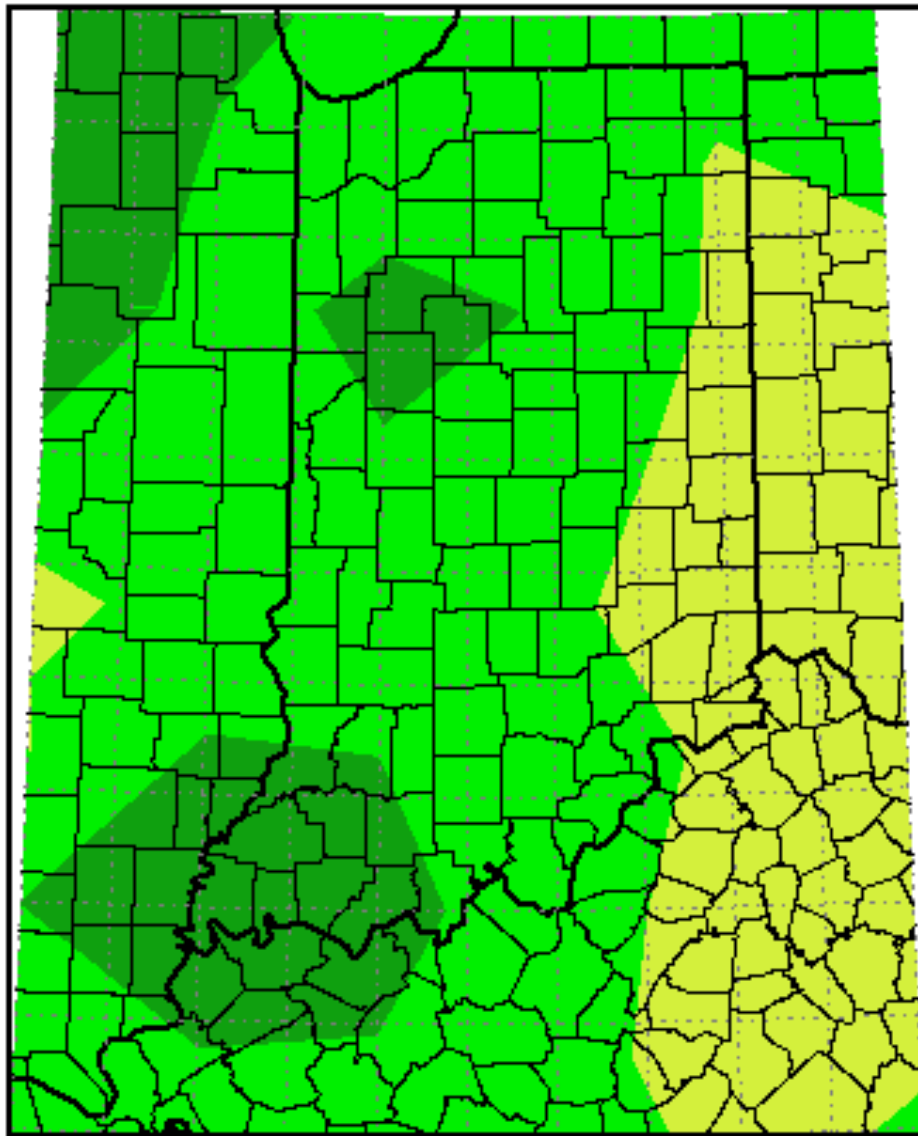


Midwestern Regional Climate Center

Illinois State Water Survey

Champaign, Illinois

**Total Precipitation Percent of Mean
November 1, 2006 to November 30, 2006**

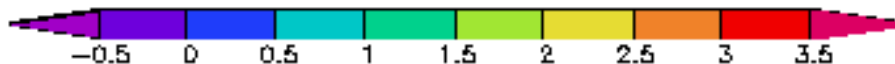
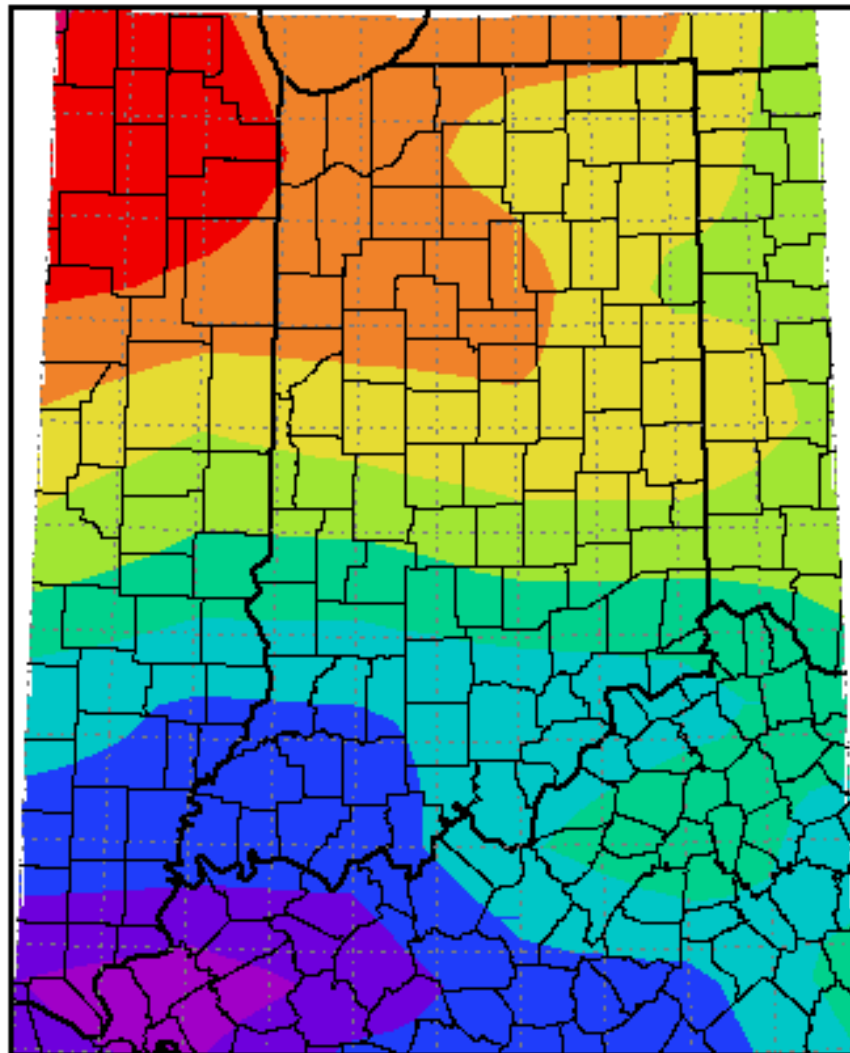


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Illinois State Water Survey

Champaign, Illinois

**Average Temperature Departure from Mean in Degrees F
November 1, 2006 to November 30, 2006**



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Illinois State Water Survey

Champaign, Illinois

Contributions made by Al Shipe NWS Indianapolis