The NOISE FORM E-5 U.S. DEPARTMENT OF COMMERCE HYDROLOGIC SERVICE AREA:
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

REPORT FOR:

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS 2005

MONTH: Dec 2004 – Jan

TO: Hydrometeorological Information Center
NOISE/Office of Hydrology, W/OH12x1
1325 East-West Highway, Room 7128
Silver Spring MD. 20910

SIGNATURE:
(In Charge of Hydrologic Service Area)

Date: March 12, 2007

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (WSOM E-41).

☐ An **X** inside this box indicates that no flooding occurred within this hydrologic service area.

The state of Indiana had never experienced this during modern times; three natural weather disasters in four weeks. From December 22 through January 19, the state was struck by an epic snowstorm, a major ice storm and a great flood. Thousands of people were impacted by these events, some severely. Nearly the entire state was declared a federal disaster area.

The first three weeks of December were on the mild and at times wet side. A rare December tornado occurred on the 7th in Decatur County. But as winter approached, significant snow had not fallen in central and southern Indiana. This changed very quickly.

The polar front slipped south of the Ohio River and dropped temperatures well below freezing across the state of Indiana by the evening of the 21st. The epic snow storm began during the morning of the 22nd. By that evening heavy snow of 4 to nearly 10 inches had fallen generally south of I-70. The greatest totals were in southern Indiana where 10 inches had fallen.

There was a sharp cut off for this heavy snow. Much of the state north of I-70 did not see any snow. In the Indianapolis area, the Carmel and Brownsburg areas did not receive any snow while the Greenwood area measured 4 inches.

During the evening of the 22nd, the second band of snow moved in, blanketing all of central and southern Indiana.

Snow of 4 to more than 18 inches fell from this next storm system. Once again the heaviest snow fell in southern Indiana. This brought the accumulation in much of southern Indiana to more than 20 inches with some spots reporting more than 30 inches of total snow by the evening of the 23rd. Such snowfall amounts are historic not only in southern Indiana but for the entire state.

This epic snow storm closed I-64, I-65, I-74 and crippled I-70 in Indiana. This stranded hundreds of motorists in their vehicles for hours and some for a few days. A train derailment and collision also occurred in Crawford County as a result of the snow. Snow drifts of up to 4 feet occurred in much of southern Indiana.

The day before Christmas or Christmas day was the coldest day of the month and to date for the winter season in central and southern Indiana. Temperatures on the 24th did not exceed 10 degrees in much of the area. On Christmas morning, areas in southern Indiana had low temperatures in double digits below zero with a few locations reporting lower than twenty below zero. Southern Indiana and portions of central Indiana experienced the deepest Christmas snow cover ever and among the coldest Christmas of record.

Temperatures quickly moderated after Christmas as the polar front moved north of Indiana. On the 28th temperatures rose above freezing and remained above freezing through January 5. Field measurements on the 28th indicated that the snow cover had settled greatly. Snow cover in central and southern Indiana ranged from 5 to more than 12 inches. The snow to water equivalent ratio was about 5 inches of snow to 1 inch of water. Much of central Indiana had 1 to 1.25 inches of water equivalent. Water equivalents in southern Indiana were even higher and measured 1.5 to more than 2.5 inches.

All of the snow cover melted by New Year’s Day as the dew point temperatures rose into the 50s. Lowland flooding occurred along the East Fork White River in Jackson County. The White River in southern Indiana rose to bankfull levels. This was the result of the melting snow cover.

With warm air over Indiana, a storm system brought 2 to 4 inches of rain to much of central and southern Indiana from the 1st through the 3rd. Because of the saturated soil

conditions, widespread local flooding occurred in central and southern Indiana. The major rivers in the state were flooding by the 4th.

Another storm system quickly followed from the 4th through the 6th. This storm system tracked across southern Indiana and brought 2 to possibly 5 inches of rain to central and southern Indiana. Because much of this rain fell as freezing rain just north of Indianapolis, two very significant weather events occurred; a major ice storm and flood.

Ice accumulations ranged from ½ to more than an inch in much of central and northern Indiana on the 5th and 6th. The combination of ice and wind caused widespread power outages. While the Indianapolis area was spared, areas just north of Indianapolis were not. Because of the extensive number of downed power lines and icy roads in Randolph County, only emergency vehicles were allowed on local roads.

At least 180,000 customers in the Lafayette, Muncie, Kokomo, Peru, Anderson and other areas lost electrical power. Some areas were without power for more than a week. During this time temperatures approached zero degrees.

Major flooding resulted along the White, East Fork White and Wabash River in southern Indiana. Flood levels that had not been seen in 40, 50 or more than 90 years occurred just south of the Indianapolis area. New record stages were set at the White River at Edwardsport and the Wabash River at Mount Carmel. The White River at Hazleton approached its record stage.

Flooding in southern Indiana was much worse than the January 1991 flood. Areas affected in the January 1991 flood were affected again and more severely. These included Shelbyville, Rushville, Seymour, Wheeler Hollow, Bedford, Shoals, Spencer, Elnora, Edwardsport, Petersburg area, Hazleton, East Mount Carmel and New Harmony. Numerous state roads and local roads flooded by several feet. Many local agricultural levees were overtopped.

As this flood unfolded, cold air behind this storm system shut off the rain but left several inches of snow covering central and northern Indiana on the 7th and 8th. Flooding fighting in southern Indiana occurred during rather harsh

January conditions from the 7th through the 10th. Milder conditions returned on the 11th.

Some of the significant events during this flood include:

Columbus, a large city in southern Indiana, had only one access road to I-65 causing long traffic delays.

Sandbagging efforts to save a power substation that served much of Rushville.

A flood fight in Shelbyville to keep the Big Blue River from portions of the town.

At least 70% of Jackson County was flooded. Evacuations occurred in Rockford, Shields and Brownstown areas.

A levee failed along the Eel River in the Jasonville area. Flood waters rose to within 10 inches of a power box for the Jasonville water system. Power was shut down and the town lost its water until flood levels receded.

Wastewater treatment service for much of the town of Spencer was suspended because of excess river water. This closed nearly all the restaurants in town. Flood waters were within 2 ½ blocks of the Owen county courthouse.

Flood waters at the Columbus wastewater treatment plant reached so high that employees were evacuated. The plant was operated by the automated system for 12 hours.

Personnel of the Indiana National Guard waged a major flood fight to save the Hazleton levee that protected nearly ½ of the town. At times the levee partially failed but was reinforced.

Personnel of the Indiana National Guard sandbagged at State Road 64 to protect East Mount Carmel, Indiana. Sandbagging occurred on the Illinois side near Rochester.

Potential major problems at the Edwardsport Power Plant on the White River were averted.

Coal shipment to a major power plant in Gibson County was threatened by high levels on the Wabash River. The situation was monitored closely.

Local sandbagging in the Elnora area saved several homes.

While major flooding was spreading throughout southern Indiana, central Indiana experienced extensive flooding on the White River from Muncie through Indianapolis and the Wabash River from Lafayette to Vincennes. Sandbagging was necessary in Anderson and Ravenswood areas.

The warmer temperatures on the 11th began to melt the snow and ice that covered central and northern Indiana. An additional 1 to 4 inches of rain fell in much of central Indiana late on the 11th. This caused flash flooding in portions of Delaware, Madison, Tipton and Howard Counties. The most serious flooding was in the towns of Alexandria and Kokomo. Significant flooding occurred in Albany and Eaton.

Flooding returned to the White River in central Indiana as a result of the rain on the 11th. After reaching a crest, the Wabash River from Lafayette to Vincennes began to rise again.

January 12 was the warmest and one of the driest days in the New Year. Temperatures in central and southern Indiana soared into the 60s. The mild conditions were short lived.

As the polar front pushed through Indiana on the 13th, an additional 1 to 3 inches of rain fell in central and southern Indiana. This rain caused widespread local flooding. Major flooding developed along the White River in Hamilton and northern Marion Counties. Flood levels approached those of January 1991 in this area. Evacuations occurred in the Ravenswood area. Some homes had their power turned off because of high water levels.

Major flooding developed on the Wabash River from Lafayette to Vincennes as a result of the rain on the 13th. Flood levels in the Lafayette and Covington areas reached their highest levels since July 2003. Flooding from Montezuma to near Vincennes was the highest since June 1958.

As this major flood crest was moving downstream along the Wabash River, flood fighting occurred under very brutal conditions. Temperatures fell below freezing late on the 14th. Snow of 1 to 4 inches fell in much of eastern Illinois and central Indiana on the 16th. Temperatures dropped below zero on the 17th and 18th in the Hutsonville

and Vincennes areas. Temperature moderated to more normal levels by 19th.

Areas along the Wabash River most severely flooded included, Montezuma, Clinton, Taylorville and Riverview in Indiana and Darwin, York, and Hutsonville in Illinois. Flood waters overtopped many local agricultural levels. Flood waters affected the cemetery at Palestine, Illinois.

As the Wabash River approached record levels at Hutsonville, the Island Creek levee across from the Hutsonville Power Plant failed during the late evening on the 17th. The level of the Wabash River fell 5 inches immediately in the town of Hutsonville. Daylight revealed the levee breach was 300 to 500 feet wide and covered more than 5,000 acres of farmland with 7 to 8 feet of flood waters. This breach flooded State Road 154 between Hutsonville and Graysville. Now a short 5 mile drive for local residents was a 70 mile one way journey.

The breach of the Island Creek levee caused the Wabash River to crest immediately at Hutsonville and very soon afterwards at Riverton. The river crested at Vincennes within a day after the levee failure. Water flowing back into the river from the area protected by the Island Creek levee caused another crest at Riverton and Vincennes. This crest was slightly lower than the first crest after the breach.

Rain on the 11th and 13th fell as the rivers were near crest in the Petersburg, Hazleton and Mount Carmel areas. The combination of rain and very cold temperatures hindered flood fighting in these areas. By the 13th the rivers crested at Petersburg, Hazleton, Mount Carmel and New Harmony. Flood waters would continue to recede for the remainder of January, although at times very slowly. The flood crest at New Harmony was the highest since January 1950.

Another crest followed the major flood that had occurred along the White and East Fork White Rivers in much of southern Indiana. This crest was 2 to 3 feet lower on the White River from Centerton to Edwardsport. On the East Fork White River this crest was more than 8 feet lower in the Columbus and Bedford areas and 1 ½ feet lower at Seymour. These crests washed out as they approached Petersburg.

The great flood of January 2005 began to wind down at all locations on the 20th. Mother Nature had thrown every type of severe winter weather at the residents in the Wabash River Valley. Upwards of 30 inches of snow and 12 inches of melted precipitation had fallen during the prior 30 days.

By the end of January flooding had ended everywhere in the Wabash River Valley except for lowland flooding along portions of the Wabash River. Millions of dollars in flood damage had occurred since the beginning of winter. The great flood of January 2005 was the most extensive in areal coverage for Indiana since March 1913 and possibly unprecedented. At least 4,000 homes and businesses flooded and more than 7,000 people displaced. One person died while attempting to cross the extensively flooded Wabash River in Warren County.

Monthly temperatures averaged near normal during December and about 4 degrees above normal for January. The warmest day during December was the 7th and during January the 12th. Temperatures soared into the 60s on both days. The coldest temperatures during December occurred on the 24th or 25th and during January on the 18th. Temperatures dropped below zero in most areas on those dates.

The temperature fell below 33 degrees more than 20 days during both months. The temperature fell below 1 degree on about 2 days during December and January. The temperature remained below 33 degrees on about 8 days in December and about 12 days in January.

Melted precipitation was below normal in December. Observers reported between 2 and 3 inches. January 2005 was the 3rd wettest January of record for Indianapolis and the wettest January since 1950. Much of central and southern Indiana received 7 to more than 9 inches of melted precipitation.

Snowfall was above normal during December. Observers reported record monthly snow for much of southern Indiana. Amounts ranged from 10 to more than 30 inches. The heaviest snow was in southern Indiana. During January snowfall ranged from less than an inch in southern Indiana to more than 18 inches in northern portions of Indiana. Snowfall was generally above average north of I-70.

At the end January, the ground was at least partially frozen and very wet in central and southern Indiana. Portions of central and northern Indiana were covered with 1 to more than 5 inches of snow.

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NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

2/04/05 FLOOD STAGE REPORT January 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
Big Blue River.....							
Carthage IN.	7.0				8.61	1/04	0745
Carthage IN.	7.0				11.22	1/06	0515
Carthage IN.	7.0				9.01	1/12	0800
Carthage IN.	7.0				8.86	1/14	0200
Shelbyville IN.	11.0				18.43	1/06	1600
Shelbyville IN.	11.0				14.05	1/13	2100
Shelbyville IN.	11.0				14.21	1/14	1645
Big Creek.....							
Wadesville 1.6 SE IN.					16.06	12/31	0400
Wadesville 1.6 SE IN.					15.36	1/03	1630
Wadesville 1.6 SE IN.					18.46	1/06	0800
Wadesville 1.6 SE IN.					15.45	1/13	2045
Big Raccoon Creek.....							
Fincastle 3 W IN.	11.0				12.98	1/04	0800
Fincastle 3 W IN.	11.0				12.76	1/06	0300
Fincastle 3 W IN.	11.0				10.39	1/12	0800
Fincastle 3 W IN.	11.0				10.55	1/13	2300
Coxville IN.	14.0				14.13	1/04	0600
Coxville IN.	14.0				14.46	1/06	0001
Coxville IN.	14.0				12.99	1/12	0001
Coxville IN.	14.0				13.88	1/13	2200

Big Walnut Creek.....				
Roachdale 3.5 SE	IN.			11.08
1/03 1200				
Roachdale 3.5 SE	IN.			9.03
1/12 1445				
Roachdale 3.5 SE	IN.			8.79
1/13 1245				
Reelsville	IN.	12.0		15.32
1/04 1600				
Reelsville	IN.	12.0		16.29
1/06 1000				
Reelsville	IN.	12.0		12.00
1/12 0800				
Reelsville	IN.	12.0		14.02
1/14 0300				
Blue River.....				
Fredericksburg	IN.	20.0		16.00
12/31 1400				
Fredericksburg	IN.	20.0		20.31
1/04 0030				
Fredericksburg	IN.	20.0		19.94
1/05 2200				
Fredericksburg	IN.	20.0		21.26
1/06 1330				
White Cloud 1 N	IN.			12.09
12/31 2145				
White Cloud 1 N	IN.			14.30
1/04 1230				
White Cloud 1 N	IN.			16.99
1/06 1000				
Bonpas Creek.....				
Browns	IL.			11.58
12/31 0215				
Browns	IL.			21.72
1/07 0715				
Browns	IL.			17.05
1/15 0630				
Brush Creek.....				
Nebraska	IN.			6.81
12/30 2315				
Nebraska	IN.			7.41
1/05 0930				

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STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
Brush Creek continued.....							
Nebraska IN.					6.23	1/05	2345
Buck Creek.....							
Acton IN.	9.0				9.49	1/04	0730
Acton IN.	9.0				12.58	1/06	0230
Acton IN.	9.0				9.31	1/12	0600
Acton IN.	9.0				10.68	1/13	2130
Buck Creek (South).....							
New Middletown 3.6 SW IN.	12.0				6.73	1/03	1030
New Middletown 3.6 SW IN.	12.0				7.17	1/06	0730
Cicero Creek.....							
Arcadia IN.					10.25	1/04	0445
Arcadia IN.					11.02	1/05	2330
Arcadia IN.					11.19	1/07	0115
Arcadia IN.					12.44	1/13	1245
Clifty Creek.....							
Hartsville IN.	10.0				6.39	12/31	1200
Hartsville IN.	10.0				8.02	1/03	2100
Hartsville IN.	10.0				9.43	1/06	0400
Crooked Creek.....							
Speedway IN.					6.31	1/03	0730
Speedway IN.					8.22	1/03	2200

Speedway	IN.					7.95
1/05 1700						
Speedway	IN.					6.67
1/13 1200						
Deer Creek.....						
Delphi 2.6 NE	IN.					8.43
1/06 0400						
Delphi 2.6 NE	IN.					10.59
1/12 1900						
Delphi 2.6 NE	IN.					11.19
1/13 1815						
Eagle Creek.....						
Zionsville	IN.	9.0				9.75
1/04 0145						
Zionsville	IN.	9.0				10.25
1/05 2100						
Zionsville	IN.	9.0				9.51
1/12 0515						
Zionsville	IN.	9.0				8.95
1/13 1930						
Speedway	IN.	9.0				9.52
1/04 1000						
Speedway	IN.	9.0				11.12
1/05 1600						
Speedway	IN.	9.0				9.75
1/06 0730						
Speedway	IN.	9.0				8.58
1/12 1415						
East Fork White River.....						
Columbus	IN.	9.0				5.46
1/01 1400						
Columbus	IN.	9.0	1/04 1300			9.25
1/04 1930						
Columbus	IN.	9.0			1/09	17.05
1/07 1130						
Columbus	IN.	9.0	1/13 2300		1/16	10.80
1/14 2330						
Rockford	IN.	12.0	12/31 1430			15.20
1/02 0100						

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STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM TIME	TO	CREST STAGE	CREST DATE TIME
East Fork White River continued.....					
Rockford IN.	12.0			19.40	1/06 2300
Rockford IN.	12.0		1/18	17.68	1/14 1700
Rivervale IN.	20.0	1/03 1230		37.51	1/09 0500
Rivervale IN.	20.0		1/20	27.57	1/17 0300
Bedford Boat Club 4 SW IN.	20.0	1/04 0700		34.65	1/09 1800
Bedford Boat Club 4 SW IN.	20.0		1/20	24.50	1/17 1000
Williams IN.	8.0	1/06 1500		21.30	1/09 2130
Williams IN.	8.0		1/20	10.90	1/18 0700
Shoals IN.	20.0			10.02	1/01 1400
Shoals IN.	20.0	1/05 0115	1/20	33.22	1/11 0100
East Fork Whitewater River.....					
Abington IN.	12.0			12.03	1/03 1600
Abington IN.	12.0			15.36	1/06 0030
Abington IN.	12.0			12.22	1/12 0330
Eel River.....					
Bowling Green IN.	17.0	1/03 1930	1/08	21.58	1/06 0600
Bowling Green IN.	17.0			16.40	1/12 2200
Bowling Green IN.	17.0	1/13 1230	1/14	19.13	1/14 0800
Eel River (North).....					
North Manchester IN.	7.0			9.70	1/04 0815
North Manchester IN.	7.0			9.45	1/05 1215

North Manchester IN. 7.0 12.94
1/13 2045
Adamsboro IN. 10.0 8.07
1/04 2000
Adamsboro IN. 10.0 8.21
1/05 2000
Adamsboro IN. 10.0 10.89
1/14 0900

Embarras River.....
Carmargo 2 SW IL. 12.0 14.46
1/14 0345
Ste Marie IL. 19.0 24.92
1/06 1830
Ste Marie IL. 19.0 20.31
1/14 0530
Ste Marie IL. 19.0 20.18
1/15 1530
Lawrenceville IL. 29.0 40.49
1/08 2041
Lawrenceville IL. 29.0 37.72
1/15 1151

Fall Creek.....
Fortville 2 NW IN. 8.0 8.18
1/04 2100
Fortville 2 NW IN. 8.0 9.26
1/06 1300
Fortville 2 NW IN. 8.0 8.09
1/12 2200
Fortville 2 NW IN. 8.0 7.94
1/14 1300
Millersville IN. 9.0 11.16
1/04 1145
Millersville IN. 9.0 13.71
1/06 1300
Millersville IN. 9.0 11.53
1/13 2300

Flatrock River.....
St. Paul IN. 6.0 4.72
12/31 2015
St. Paul IN. 6.0 6.84
1/03 2300
St. Paul IN. 6.0 12.87
1/06 1300

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Flatrock River continued.....							
Columbus IN.					10.59	1/01	1015
Columbus IN.					13.26	1/04	1330
Columbus IN.					16.44	1/07	0430
Columbus IN.					10.17	1/12	2130
Columbus IN.					12.26	1/14	1545
Indian-Kentuck Creek.....							
Canaan 2 NE IN.					6.36	12/31	0145
Canaan 2 NE IN.					7.84	1/03	1115
Canaan 2 NE IN.					7.11	1/03	1500
Canaan 2 NE IN.					8.16	1/05	1100
Canaan 2 NE IN.					7.70	1/06	0030
Canaan 2 NE IN.					6.40	1/13	2030
Kokomo Creek.....							
Kokomo 2 SE IN.					7.32	1/06	0200
Kokomo 2 SE IN.					9.26	1/12	0600
Kokomo 2 SE IN.					7.87	1/13	2100
Leary-Weber Ditch.....							
Mohawk IN.					6.29	1/05	1845
Lick Creek.....							
Beech Grove IN.	7.0				6.25	1/05	1545
Beech Grove IN.	7.0				5.08	1/13	1230

Little Buck Creek.....
Indianapolis IN. 7.24
1/05 0730
Indianapolis IN. 8.07
1/05 1745
Indianapolis IN. 7.32
1/13 1345

Little Eagle Creek.....
Speedway IN. 6.44
1/03 2115
Speedway IN. 6.46
1/05 1515

Little River.....
Huntington 5 W IN. 15.0 13.43
1/04 0001
Huntington 5 W IN. 15.0 13.17
1/05 1000
Huntington 5 W IN. 15.0 17.44
1/14 0300

Middle Fork Anderson River.....
Bristow IN. 15.0 12.06
1/01 1200
Bristow IN. 15.0 13.73
1/03 1000
Bristow IN. 15.0 13.95
1/06 0500

Middle Fork Vermilion River.....
Oakwood 2 NE IL. 12.23
1/14 0845

Mill Creek.....
Cataract 3 E IN. 15.0 9.65
12/31 0100

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Mill Creek continued.....							
Cataract 3 E IN.	15.0				20.73	1/06	1900
Cataract 3 E IN.	15.0				10.26	1/10	0300
Cataract 3 E IN.	15.0				12.78	1/12	2100
Cataract 3 E IN.	15.0				15.51	1/14	1400
MANHATTAN 5 S IN.	12.0				11.58	1/04	0100
MANHATTAN 5 S IN.	12.0				13.75	1/05	2300
MANHATTAN 5 S IN.	12.0				10.91	1/12	2200
Mississinewa River.....							
Ridgeville 2 E IN.	11.0				13.65	1/04	0300
Ridgeville 2 E IN.	11.0				14.45?	1/06	0300
Ridgeville 2 E IN.	11.0				15.51	1/12	0700
Ridgeville 2 E IN.	11.0				15.43	1/12	1700
Ridgeville 2 E IN.	11.0				13.94	1/13	1700
Marion 2 N IN.	10.0				10.49	1/04	1100
Marion 2 N IN.	10.0				12.89	1/06	0900
Marion 2 N IN.	10.0				15.38	1/12	2100
Marion 2 N IN.	10.0				15.83	1/13	2000
Muscatatuck River.....							
Deputy 1WNW IN.	15.0				20.31	12/31	0330
Deputy 1WNW IN.	15.0				21.06	12/31	1445
Deputy 1WNW IN.	15.0				22.68	1/03	2315

Deputy 1WNW IN. 15.0 23.50
1/05 1800
Deputy 1WNW IN. 15.0 24.03
1/06 1000
Deputy 1WNW IN. 15.0 17.57
1/14 0645
Vernon 1SW 1 SW IN. 17.0 13.35
12/31 0930
Vernon 1SW 1 SW IN. 17.0 13.69
1/03 1730
Vernon 1SW 1 SW IN. 17.0 18.03
1/05 1500
Vernon 1SW 1 SW IN. 17.0 16.24
1/06 0630
Vernon 1SW 1 SW IN. 17.0 12.16
1/14 0100
Wheeler Hollow IN. 16.0 28.00*
1/08 1700?

North Fork Embarras River.....
Oblong 2 W IL. 21.51
1/05 2130

North Fork Vermilion River.....
Bismarck 2 W IL. 16.08
1/14 0330

Patoka River.....
Cuzco IN. 8.20
1/03 1900
Cuzco IN. 8.67
1/06 0600
Jasper IN. 14.0 13.75
1/01 1300
Jasper IN. 14.0 15.32
1/06 1900
Jasper IN. 14.0 11.98
1/14 0700
Winslow IN. 20.03
12/31 1500
Winslow IN. 26.13
1/08 0800
Princeton 2 MI NE IN. 18.0 22.60
1/11 0001

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Pipe Creek.....							
Frankton PIPE CREEK IN.	12.0				6.70	12/31	1700
Frankton PIPE CREEK IN.	12.0				10.53	1/04	0900
Frankton PIPE CREEK IN.	12.0				12.16	1/06	0630
Frankton PIPE CREEK IN.	12.0				14.26	1/12	1500
Frankton PIPE CREEK IN.	12.0				11.76	1/14	0300
Pleasant Run.....							
Arlington Ave in IND IN.					5.63	1/03	0600
Arlington Ave in IND IN.					6.47	1/05	0215
Arlington Ave in IND IN.					6.00	1/05	1145
Arlington Ave in IND IN.					6.44	1/05	1545
Arlington Ave in IND IN.					5.78	1/11	1330
Arlington Ave in IND IN.					6.31	1/13	0930
Plum Creek.....							
Bainbridge IN.					4.87	1/03	2000
Bainbridge IN.					3.59	1/05	1245
Prairie Creek.....							
Lebanon 5 NW IN.					10.06	1/03	2314
Lebanon 5 NW IN.					11.57	1/05	1959
Lebanon 5 NW IN.					11.75	1/11	2344
Lebanon 5 NW IN.					11.20	1/13	1714
Salamonie River.....							

Warren 2.4 NW IN. 12.0 12.15
1/04 1200
Warren 2.4 NW IN. 12.0 13.25
1/06 0300
Warren 2.4 NW IN. 12.0 15.16
1/12 2100
Warren 2.4 NW IN. 12.0 14.98
1/14 0500

Salt Creek.....
Harrodsburg 2 SE IN. 25.0 13.48
12/31 1300
Harrodsburg 2 SE IN. 25.0 21.04
1/03 2300
Harrodsburg 2 SE IN. 25.0 26.10
1/06 0600
Harrodsburg 2 SE IN. 25.0 20.89$
1/08 0800
Harrodsburg 2 SE IN. 25.0 22.40
1/10 0100
Harrodsburg 2 SE IN. 25.0 18.36$
1/13 1100
Harrodsburg 2 SE IN. 25.0 20.48
1/13 2300

Salt Fork.....
St. Joseph 2 N IL. 17.34
1/13 2215

Silver Creek.....
Sellersburg 2.4 SE IN. 20.0 16.14
12/31 1700
Sellersburg 2.4 SE IN. 20.0 20.01
1/04 0800
Sellersburg 2.4 SE IN. 20.0 21.31
1/06 1900

South Fork Patoka River.....
Spurgeon IN. 11.5 8.26
12/30 1945
Spurgeon IN. 11.5 9.42
1/03 1030

NWS FORM E-3 U.S. DEPARTMENT OF COMMERCE HYDROLOGIC SERVICE AREA
NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

2/04/05 FLOOD STAGE REPORT January 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
South Fork Patoka River continued.....							
Spurgeon IN.	11.5				10.98	1/06	0230
Spurgeon IN.	11.5				7.15	1/13	1615
South Fork Wildcat Creek.....							
Lafayette 5 E IN.					7.95	1/04	0715
Lafayette 5 E IN.					10.53	1/06	0315
Lafayette 5 E IN.					13.75	1/12	1345
Lafayette 5 E IN.					13.26	1/13	0030
Lafayette 5 E IN.					12.46	1/13	1615
Stony Creek.....							
Noblesville 1SE IN.	6.0				6.48	1/04	0515
Noblesville 1SE IN.	6.0				7.49	1/05	2330
Noblesville 1SE IN.	6.0				6.69	1/12	0815
Noblesville 1SE IN.	6.0				6.62	1/13	2300
Sugar Creek.....							
Crawfordsville IN.	8.0				6.01	1/04	1000
Crawfordsville IN.	8.0	1/05	2030	1/06	8.78	1/06	1100
Crawfordsville IN.	8.0	1/12	0530		9.04	1/12	2300
Crawfordsville IN.	8.0			1/14	8.80	1/13	1400
Sugar Creek (South).....							
New Palestine IN.	8.0				10.80	1/06	0001
New Palestine IN.	8.0				7.89	1/12	1300

New Palestine IN.	8.0	9.68	1/13 2015
Edinburgh 2 NW IN.	10.0	16.95	1/06 1930
Edinburgh 2 NW IN.	10.0	13.66	1/14 2000
Tippecanoe River.....			
Ora 1 SW IN.	11.0	11.97	1/06 1800
Ora 1 SW IN.	11.0	15.00?	1/15 1000
Winamac IN.	10.0	9.54	1/07 0700
Winamac IN.	10.0	13.27	1/16 0900
Monticello IN.	9.0	17.81	1/13 1800
Delphi 6 W IN.	8.0	7.43	1/04 1100
Delphi 6 W IN.	8.0	7.91	1/05 2100
Delphi 6 W IN.	8.0	7.90	1/06 0600
Delphi 6 W IN.	8.0	10.49	1/13 0100
Delphi 6 W IN.	8.0	12.33	1/14 0100
Vermilion River.....			
Danville 2 SE IL.	18.0	18.05	1/06 1830
Danville 2 SE IL.	18.0	18.31	1/12 1745
Danville 2 SE IL.	18.0	22.74	1/14 1245
Wabash River.....			
Linn Grove IN.	11.0	12.73	1/06 2300
Linn Grove IN.	11.0	13.73	1/13 2000
Bluffton IN.	10.0	14.69	1/07 1000

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NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

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STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM TIME	TO	CREST STAGE	CREST DATE TIME
Wabash River continued.....					
Bluffton IN.	10.0			17.19	1/14 0400
Huntington IN.	20.0			15.96	1/20 1300
Wabash IN.	12.0			13.14	1/04 0100
Wabash IN.	12.0			16.34	1/12 1600
Wabash IN.	12.0			15.60	1/13 1900
Peru IN.	20.0			13.36	1/12 2200
Logansport IN.	17.0			10.40	1/04 0700
Logansport IN.	17.0			10.35	1/05 1900
Logansport IN.	17.0			12.42	1/12 2200
Logansport IN.	17.0			13.36	1/13 2000
Lafayette IN.	11.0	1/03 1230		19.87	1/06 1700
Lafayette IN.	11.0		2/02	25.03	1/14 1600
Covington IN.	16.0	1/04 0200		24.85	1/08 0001
Covington IN.	16.0		1/31	28.87	1/15 1000
Montezuma IN.	14.0	1/03 1630		26.74	1/07 1600
Montezuma IN.	14.0		2/04	30.89	1/15 1400
Clinton IN.	18.0			31.00	1/15 2300
Terre Haute IN.	14.0	1/04 0015		22.84	1/08 2300
Terre Haute IN.	14.0		2/01	27.38	1/16 1600
Hutsonville IL.	16.0	1/03 2200		29.40@	1/17 2300
Hutsonville IL.	16.0		3/04	27.80	1/19 0001

Riverton	IN.	15.0	1/03 2100		23.09	1/11 1000
Riverton	IN.	15.0			26.24@	1/18 0030
Riverton	IN.	15.0		2/07	25.97	1/19 1400
Red Skelton Bridge	IN.	17.5	1/05 0745		25.95	1/11 1000
Red Skelton Bridge	IN.	17.5			28.96@	1/18 1400
Red Skelton Bridge	IN.	17.5		2/01	28.81	1/20 0500
Vincennes	IN.	16.0	1/05 1200		24.57	1/10 1700
Vincennes	IN.	16.0			27.15@	1/18 1630
Vincennes	IN.	16.0		2/01	27.00	1/20 0745
Mount Carmel	IL.	19.0	1/05 0300	1/29	33.95#	1/13 0700
New Harmony	IN.	15.0			23.14	1/13 1800
West Fork Blue River.....						
Salem	IN.	12.0			9.22	1/03 1130
Salem	IN.	12.0			7.51	1/05 0930
Salem	IN.	12.0			7.62	1/06 0115
Whiskey Run.....						
Marengo	IN.	8.0			4.79	1/06 0115
White Lick Creek.....						
Mooresville	IN.	17.0			18.64	1/04 0300
Mooresville	IN.	17.0			20.82	1/06 0001
Mooresville	IN.	17.0			17.76	1/13 2000
White River.....						
Muncie	IN.	9.0	1/04 0745	1/05	9.77	1/04 1845
Muncie	IN.	9.0	1/04 1200	1/07	11.87	1/06 1715
Muncie	IN.	9.0	1/12 0130		11.06	1/12 2315

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NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

2/04/05 FLOOD STAGE REPORT January 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
White River continued.....							
Muncie IN.	9.0			1/14	9.68	1/14	1430
Anderson Waterworks IN.	10.0	1/04	0300		12.32	1/04	2100
Anderson Waterworks IN.	10.0			1/08	16.15	1/07	0100
Anderson Waterworks IN.	10.0	1/12	0230	1/15	15.02	1/13	0001
Anderson Raible Ave. IN.	10.0				12.49	1/05	0200
Anderson Raible Ave. IN.	10.0				15.24	1/07	0001
Anderson Raible Ave. IN.	10.0				14.92	1/13	0001
Noblesville IN.	14.0	1/04	0545	1/09	19.59	1/07	0645
Noblesville IN.	14.0	1/12	0145	1/16	21.00	1/13	2300
Nora IN.	11.0	1/04	0500	1/09	16.85	1/07	0900
Nora IN.	11.0	1/12	0430	1/16	18.45	1/14	1300
Ravenswood IN.	6.0	1/04	2300	1/09	10.60	1/07	0800
Ravenswood IN.	6.0	1/12	1600	1/17	11.80	1/14	1449
Broad Ripple Dam IN.	6.0				8.47	1/07	0200
Broad Ripple Dam IN.	6.0				9.44	1/14	1300
Rocky Ripple IN.	7.0				12.60	1/07	0820
Rocky Ripple IN.	7.0				14.30	1/14	1000
Indpls Raymond St. IN.	16.0				13.45	1/04	1530
Indpls Raymond St. IN.	16.0	1/05	1145	1/08	18.53	1/06	0015
Indpls Raymond St. IN.	16.0	1/13	0945	1/15	18.43	1/14	0845
Stout Power Plant IN.	10.0				9.75	1/04	1500

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       Stout Power Plant  IN.      10.0                    13.83
1/06 0001
       Stout Power Plant  IN.      10.0                    13.19
1/14 0600
       Centerton 1S  IN.           12.0   1/03 1500        15.00
1/04 1400
       Centerton 1S  IN.           12.0             1/10   19.13
1/06 1000
       Centerton 1S  IN.           12.0   1/11 2130 1/17   17.32
1/14 0600
       Centerton  IN.             603.0   1/03 1800 1/10  611.70
1/06 1200
       Centerton  IN.             603.0   1/11 2200 1/17  609.30
1/14 1000
       Spencer  IN.                14.0   1/03 1630        25.08
1/07 0700
       Spencer  IN.                14.0             1/19   22.84
1/15 1400
       Worthington  IN.           18.0                    28.60
1/08 0900
       Worthington  IN.           18.0                    26.11
1/16 0700
       Elliston  IN.              18.0   1/03 1500        30.73
1/08 0800
       Elliston  IN.              18.0             1/21   27.42
1/16 0700
       Newberry  IN.              13.0   1/03 1430        26.84
1/08 1900
       Newberry  IN.              13.0             1/21   23.44
1/16 2000
       Edwardsport  IN.           15.0                    11.50
1/02 0700
       Edwardsport  IN.           15.0   1/04 0100        27.65#
1/09 1700
       Edwardsport  IN.           15.0             1/23   24.50
1/18 0700
       Petersburg Power Plt 3 NE  16.0                    29.30
1/10 2345
       Petersburg Power Plt 3 NE  16.0                    25.73
1/18 1515
       Petersburg  IN.            16.0   1/03 1300        27.68
1/11 1200
       Petersburg  IN.            16.0             1/25   25.30
1/18 1700
       Hazleton  IN.             16.0   1/03 1900 1/26   31.50
1/12 0400

       Whitewater River.....
       Economy 2 NW IN.                                    7.54
1/03 2015
       Economy 2 NW IN.                                    7.81
1/05 1630
       Economy 2 NW IN.                                    7.70
1/11 2230
       Alpine 2 NE IN.            14.0                    15.06
1/01 0001
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NWS FORM E-3 U.S. DEPARTMENT OF COMMERCE HYDROLOGIC SERVICE AREA
NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

2/04/05 FLOOD STAGE REPORT January 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
Whitewater River continued.....							
Alpine 2 NE IN.	14.0				16.86	1/04	0700
Alpine 2 NE IN.	14.0				16.84	1/04	1700
Alpine 2 NE IN.	14.0				20.94	1/06	0800
Alpine 2 NE IN.	14.0				17.56	1/12	1900
Alpine 2 NE IN.	14.0				15.85	1/14	0900
Brookville IN.	20.0				11.84	1/03	1700
Brookville IN.	20.0				19.34	1/06	1300
Brookville IN.	20.0				10.44	1/12	0200
Brookville IN.	20.0				11.25	1/13	0300
Brookville IN.	20.0				10.85	1/14	0100
Wildcat Creek.....							
Jerome 1 SE IN.					10.50	1/04	0945
Jerome 1 SE IN.					12.00?	1/06	0300
Jerome 1 SE IN.					13.63	1/12	1330
Jerome 1 SE IN.					11.77	1/14	0245
Kokomo IN.	10.0				12.51	1/06	1045
Kokomo IN.	10.0				15.82	1/13	0100
Kokomo IN.	10.0				15.82	1/13	0745
Owasco IN.					10.00?	1/08	0800
Owasco IN.					12.71	1/14	1145
Lafayette 4 NE IN.	10.0				10.90	1/04	1400

Lafayette 4 NE IN.	10.0		15.85
1/06 0900			
Lafayette 4 NE IN.	10.0		18.40
1/12 1900			
Lafayette 4 NE IN.	10.0		20.18
1/13 2200			
Lafayette 4 NE IN.	10.0		20.27
1/14 0100			
Youngs Creek.....			
Amity IN.	7.0		8.45
1/04 0515			
Amity IN.	7.0		11.38
1/06 0515			
Amity IN.	7.0		9.26
1/14 0700			

New Record Crest Height.
@ Crest Height Affected by Island Creek Levee Failure.
? Estimate.
$ Lowest Tailwater fell to before rising from local rainfall or backwater.
* SWG May be determined from High Water Mark at a later date.

It is necessary to E-mail the following people:

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Paula Guarino
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Young Joe
Another fella in IDEM

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

REPORT FOR:

MONTH: February 2005

TO: Hydrometeorological Information Center
NOISE/Office of Hydrology, W/OH12x1
1325 East-West Highway, Room 7128
Silver Spring MD. 20910

SIGNATURE:
(In Charge of Hydrologic Service Area)

Date: March 12, 2007

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (WSOM E-41).

☐ An **X** inside this box indicates that no flooding occurred within this hydrologic service area.

February 2005 was a recovery month for the thousands of residents in the Indianapolis HSA that had been severely impacted by snow, ice and floods earlier during the winter. Temperatures were mild, snowfall was light and monthly rainfall near to slightly below normal. The only flooding of consequence occurred along the Wabash River and affected mostly local river roads.

February began on a warm and dry note. Lowland flooding was just about to end in the Hutsonville area when about an inch of rain fell in much of the HSA from the 7th through 9th. Because of the very wet conditions, the Wabash River rose above flood stage again from Lafayette to Riverton by the 9th. Lowland flooding also returned to portions of Jackson County.

Approximately another inch of rain fell in much of the HSA from the 13th through the 16th. This rain caused additional lowland flooding to develop along the Wabash River in eastern Illinois and western Indiana and prolonged the high water in the HSA. Lowland flooding also developed along portions of the White and East Fork White Rivers in southern Indiana.

Temporary repair work to the Island Creek Levee failed around the 18th. As a result, State Road 154 was closed and local travel between Hutsonville and Graysville of 5 miles became a 75 mile trip.

After the 17th, rainfall was light in the HSA and flood waters retreated in most areas by the end of February. The dry weather persisted into early March. As a result, the

Wabash River at Hutsonville finally fell below flood stage for the first time in 2 months.

Temperatures were on the mild side for most of the month. Monthly temperatures averaged 3 to 5 degrees above normal in the HSA. The warmest temperatures occurred on the 15th when the temperature reached into the middle 60s. The coldest temperatures were generally on the 19th when temperature fell into teens. The temperature fell below 33 degrees on 17 to 25 days and remained below 33 degrees on 1 to 7 days.

Monthly rainfall was near normal to below normal in the HSA. Rainfall of 1.25 to nearly 3.25 inches fell. Monthly snowfall was much below normal. About 1 to 7 inches fell in the HSA. Measurable precipitation occurred on 9 to 12 days. Only isolated locations had 1 day when an inch or more of rain fell.

At the end of the month, soils remained wet with a trace to around an inch of snow cover in central and northern portions of the HSA. Some frost remained in the ground in northern portions of the HSA. Most rivers and streams were at seasonable levels. Only the Wabash River remained slightly on the high side.

NWS FORM E-3 U.S. DEPARTMENT OF COMMERCE HYDROLOGIC SERVICE AREA
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3/08/05 FLOOD STAGE REPORT February 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
Big Creek.....							
Wadesville 1.6 SE IN.					12.19	2/13	2100
Bonpas Creek.....							
Browns IL.					13.50	2/14	0830
Cicero Creek.....							
Arcadia IN.					8.18	2/14	1800
East Fork White River.....							
Columbus IN.	9.0				4.46	2/16	0001
Rockford IN.	12.0	2/09	0100	2/10	12.30	2/09	2100
Rockford IN.	12.0	2/15	1030	2/17	13.36	2/16	1700
Rivervale IN.	20.0				15.87	2/18	1500
Bedford Boat Club 4 SW IN.	20.0				14.50	2/17	1519
Williams IN.	8.0				5.90	2/18	0700
Shoals IN.	20.0				11.32	2/15	0700
Eel River.....							
Bowling Green IN.	17.0				12.69	2/14	1400
Eel River (North).....							
North Manchester IN.	7.0				10.81	2/14	1830
Adamsboro IN.	10.0				8.94	2/15	0900
Embarras River.....							
Carmargo 2 SW IL.	12.0				9.82	2/15	0215
Ste Marie IL.	19.0				15.77	2/15	1945

Lawrenceville	IL.	29.0	30.75
2/17 1636			
Fall Creek.....			
Fortville 2 NW	IN.	8.0	6.42
2/15 0500			
Millersville	IN.	9.0	7.00
2/15 1300			
Little River.....			
Huntington 5 W	IN.	15.0	13.64
2/14 1700			
Mississinewa River.....			
Ridgeville 2 E	IN.	11.0	10.78
2/08 0900			
Marion 2 N	IN.	10.0	7.58
2/09 0001			
Muscatatuck River.....			
Wheeler Hollow	IN.	16.0	17.90
2/11 0800			
Wheeler Hollow	IN.	16.0	17.70
2/17 0800			
North Fork Embarras River.....			
Oblong 2 W	IL.		15.61
2/15 0715			
North Fork Vermilion River.....			
Bismarck 2 W	IL.		11.53
2/14 2000			

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3/08/05 FLOOD STAGE REPORT February 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
Pipe Creek.....							
Frankton IN.	12.0				8.72	2/08	1330
Salamonie River.....							
Warren 2.4 NW IN.	12.0				10.52	2/08	2000
Salt Fork.....							
St. Joseph 2 N IL.					12.45	2/14	0600
South Fork Wildcat Creek.....							
Lafayette 5 E IN.					6.51	2/14	1545
Tippecanoe River.....							
Ora 1 SW IN.	11.0				13.58	2/16	1830
Winamac IN.	10.0				11.38	2/17	0900
Monticello IN.	9.0				10.64#	2/14	1200
Delphi 6 W IN.	8.0				9.03	2/14	1500
Vermilion River.....							
Danville 2 SE IL.	18.0				13.87	2/14	1230
Wabash River.....							
Linn Grove IN.	11.0				11.05	2/10	0500
Bluffton IN.	10.0				11.68	2/10	1900
Wabash IN.	12.0				13.96	2/14	0800
Peru IN.	20.0				11.74	2/14	1100
Logansport IN.	17.0				10.60	2/14	1500
Lafayette IN.	11.0	2/08	0600		15.45	2/09	2100

Lafayette	IN.	11.0		2/26	18.48	2/15 1200
Covington	IN.	16.0	2/08 2130		19.58	2/11 1400
Covington	IN.	16.0		2/27	23.05	2/17 1800
Montezuma	IN.	14.0	2/08 0600		18.20	2/12 1300
Montezuma	IN.	14.0		3/01	22.90	2/18 1700
Terre Haute	IN.	14.0	2/08 2200	3/01	19.82	2/19 0300
Hutsonville	IL.	16.0	1/03 2200	3/04	22.00	2/20 1200
Riverton	IN.	15.0	2/07 1630	3/04	19.93	2/21 2100
Red Skelton Bridge	IN.	17.5	2/16 1400	3/01	19.66	2/23 0800
Vincennes	IN.	16.0	2/15 0300	3/01	18.40	2/23 0745
Mount Carmel	IL.	19.0	2/15 0001	2/25	20.83	2/22 0200
New Harmony	IN.	15.0			15.70	2/22 2200
White River.....						
Muncie	IN.	9.0			7.16	2/08 1515
Anderson Waterworks	IN.	10.0			8.36	2/08 1900
Anderson Raible Ave.	IN.	10.0			8.43	2/08 2300
Noblesville	IN.	14.0			11.89	2/09 0930
Nora	IN.	11.0			9.36	2/09 1700
Broad Ripple Dam	IN.	6.0			5.39	2/09 1700
IUPUI at Michigan St	IN.				11.14	2/16 0645
Indpls Raymond St.	IN.	16.0			9.60	2/16 0600
Stout Power Plant	IN.	10.0			6.77	2/16 0500

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NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

3/08/05 FLOOD STAGE REPORT February 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
White River(continued).....							
Centerton 1S IN.	12.0				10.61	2/16	2100
Centerton IN.	603.0				601.00	2/17	0722
Spencer IN.	14.0				12.97	2/11	0700
Spencer IN.	14.0	2/16	1130	2/18	14.94	2/17	2100
Worthington IN.	18.0				17.38	2/11	0800
Worthington IN.	18.0				18.85	2/16	0800
Worthington IN.	18.0				19.17	2/18	0800
Elliston IN.	18.0				18.00	2/12	1000
Elliston IN.	18.0	2/15	0500		19.50	2/16	0800
Elliston IN.	18.0			2/20	19.68	2/18	0900
Newberry IN.	13.0				12.22	2/12	0400
Newberry IN.	13.0	2/15	1700		13.72	2/16	1800
Newberry IN.	13.0			2/20	13.87	2/18	2200
Edwardsport IN.	15.0				15.00	2/13	0700
Edwardsport IN.	15.0				9.26	2/15	1200
Edwardsport IN.	15.0	2/14	1630	2/21	16.70	2/19	0700
Petersburg Power Plt 3 NE	16.0				17.70	2/16	0345
Petersburg IN.	16.0	2/13	0500		17.92	2/16	0300
Petersburg IN.	16.0			2/22	17.69	2/20	0800
Hazleton IN.	16.0	2/13	1700	2/23	18.00	2/16	1900
Wildcat Creek.....							

Jerome 1 SE	IN.		8.29
2/14 2030			
Kokomo	IN.	10.0	7.50
2/15 0515			
Owasco	IN.		5.82
2/16 0630			
Lafayette 4 NE	IN.	10.0	9.64
2/14 2200			

1,000 of CFS

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

REPORT FOR:

MONTH: March 2005

TO: Hydrometeorological Information Center
NOISE/Office of Hydrology, W/OH12x1
1325 East-West Highway, Room 7128
Silver Spring MD. 20910

SIGNATURE:
(In Charge of Hydrologic Service Area)

Date: March 12, 2007

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (WSOM E-41).

☐ An **X** inside this box indicates that no flooding occurred within this hydrologic service area.

March 2005 was mostly a cold and dry month for much of the HSA. Significant rainfall and warm temperatures did not occur until the last few days of March. The dry weather in west central Indiana allowed the Island Creek Levee to be repaired north of Indiana 54.

Winter like conditions dominated March for the first half of the month. Much of the time the daily maximum temperature remained below 40 degrees. Some mornings temperatures fell below 20 degrees. The only spring like temperatures occurred from the 4th through the 7th as temperatures reached into the 50s and 60s. Precipitation was on the very light side and came in the form of snow showers.

From the 16th through the 27th temperatures moderated somewhat, but cooler than normal temperatures persisted. High temperatures were generally in the 40s and lows in the upper 20s and lower 30s. Spring like temperatures only occurred on the 17th and 18th during this period. More rain fell during this portion of March, but rainfall remained on the light side.

Above normal temperatures arrived after a cool and dreary Easter Sunday, the 27th. The warmest temperatures on the month occurred on the 30th as temperatures reached into the middle and upper 70s across the HSA.

The only significant rain of the month occurred late on the 27th and early on the 28th. Rain of 1 to nearly 3 inches fell south of a line from Hutsonville, Illinois to

Connersville, Indiana. The greatest rain fell along the Ohio River in south central and southeast Indiana.

As a result of this rain, lowland flooding occurred along the East Fork White and Muscatatuck Rivers in Jackson County. The East Fork White River reached bankfull levels in the Bedford, Williams and Shoals areas when high water from Jackson County arrived. The White River in southwest Indiana approached bankfull levels during the end of March and beginning of April.

Only 0.45 inches of rain and melted precipitation fell from February 17 through March 21 at Indianapolis. This was driest ever at Indianapolis for this 33 day period. March 2005 was the 7th driest of record and the driest since 2001 at Indianapolis.

For the first time since August 2004, the average monthly temperature at Indianapolis was below normal. For the HSA, temperatures were on the cold side and averaged 2 to 5 degrees below normal in the HSA. The warmest temperatures occurred on the 30th when the temperature reached into the middle and upper 70s. The coldest temperatures occurred from the 2nd through the 14th when the temperature fell into the low teens. The temperature fell below 33 degrees on 16 to 25 days and remained below 33 degrees on 1 to 4 days.

Monthly rainfall was below normal across much of the HSA. Rainfall of 1 to 4 inches fell. Monthly snowfall was below normal. A trace to about 4 inches fell in the HSA. Measurable precipitation occurred on 10 to 14 days. Only locations in southern Indiana had 1 day when an inch or more of rain fell.

At the end of the month, soils were near normal in central and northern Indiana and wet in southern Indiana. Most rivers and streams were at seasonable levels in western and central Indiana. Streams in southern Indiana were above normal for the time of year.

NWS FORM E-3 U.S. DEPARTMENT OF COMMERCE HYDROLOGIC SERVICE AREA
NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

4/07/05 FLOOD STAGE REPORT March 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
Big Creek.....							
Wadesville 1.6 SE IN.					12.61	3/28	1645
Blue River.....							
Fredericksburg IN.	20.0				16.64	3/28	1630
White Cloud 1 N IN.					12.38	3/29	0100
Bonpas Creek.....							
Browns IL.					13.81	3/28	1000
Brush Creek.....							
Nebraska IN.					6.98	3/28	0715
Buck Creek (South).....							
New Middletown 3.6 SW IN.	12.0				8.32	3/28	0415
Clifty Creek.....							
Hartsville IN.	10.0				4.97	3/28	1645
East Fork White River.....							
Columbus IN.	9.0				2.47	3/29	1330
Rockford IN.	12.0	3/28	1930	3/29	14.69	3/29	0600
Rivervale IN.	20.0				18.11	4/01	1000
Williams IN.	8.0				6.40	4/01	0700
Shoals IN.	20.0				11.64	4/02	0400
Indian-Kentuck Creek.....							
Canaan 2 NE IN.					7.76	3/28	0500
Middle Fork Anderson River.....							

Bristow IN.	15.0		11.80
3/28 0330			
Muscatatuck River.....			
Deputy 1WNW IN.	15.0		22.88
3/28 1700			
Wheeler Hollow IN.	16.0		19.70
3/31 0700			
Patoka River.....			
Jasper IN.	14.0		13.33
3/29 1600			
Winslow IN.			19.37
3/28 2130			
Winslow IN.			19.06
4/02 1845			
Princeton 2 MI NE IN.	18.0		13.11
3/31 1400			
Princeton 2 MI NE IN.	18.0		13.26
4/04 0200			
Salt Creek.....			
Harrodsburg 2 SE IN.	25.0		14.45
3/28 1900			
Silver Creek.....			
Sellersburg 2.4 SE IN.	20.0		19.97
3/29 0200			
South Fork Patoka River.....			
Spurgeon IN.	11.5		7.83
3/28 0445			

NWS FORM E-3 U.S. DEPARTMENT OF COMMERCE HYDROLOGIC SERVICE AREA
NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

4/07/05 FLOOD STAGE REPORT March 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
Wabash River.....							
Mount Carmel IL.	19.0				12.60	4/03	0200
New Harmony IN.	15.0				9.52	4/01	2200
West Fork Blue River.....							
Salem IN.	12.0				6.34	3/28	0430
Whiskey Run.....							
Marengo IN.	8.0				4.68	3/28	0300
White River.....							
Petersburg Power Plt 3 NE	16.0				14.05	4/02	2045
Petersburg IN.	16.0				14.39	4/02	1900
Whitewater River.....							
Brookville IN.	20.0				11.78	3/28	1500

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

INDIANAPOLIS, INDIANA

REPORT FOR:

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

MONTH: April 2005

TO: Hydrometeorological Information Center
NOISE/Office of Hydrology, W/OH12x1
1325 East-West Highway, Room 7128
Silver Spring MD. 20910

SIGNATURE:
(In Charge of Hydrologic Service Area)

Date: March 12, 2007

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (WSOM E-41).

☐ An **X** inside this box indicates that no flooding occurred within this hydrologic service area.

There were two weather regimes in the Indianapolis HSA during April; warm and dry and very cool and wet. The transition from warm to very cool occurred on the 22nd. Severe thunderstorms that day produced hail up to golf ball size. Lowland flooding resulted in a few areas as a result of the heavy rain that fell from these strong to severe storms.

The first 21 days of April were very pleasant throughout the Indianapolis HSA. Daily average temperatures were normal to above normal during this period. Temperatures reached into the upper 70s to near 80 degrees on several days. The warm temperatures and ample sunshine brought out the early spring flowers and blossoms.

Unsettled weather began to move into the area on the 20th. From the 20th through the 27th much of central Indiana received from 1 to over 5 inches of rain. Most of this rain fell on the 21st and 22nd.

Severe thunderstorms in central Indiana during the afternoon of the 22nd produced extensive hail in portions of southern Hamilton and northern Marion counties. In some areas, it hailed for 35 minutes and the hail the size of golf balls fell. The hail caused slippery road conditions and in combination with heavy rain, urban flooding.

On the evening of the 22nd, very cool temperatures arrived in the Indianapolis area. Snow showers occurred during the evening of the 23rd and 24th and the morning of the 26th. The last time snow fell later in the spring was during May 1989.

Heavy rain from the 21st and 22nd caused bankfull conditions along the White, East Fork White and Wabash Rivers. Lowland flooding developed along portions of the White and East Fork White Rivers in central and southern Indiana. Flooding lasted less than 3 days.

For the month, April averaged 1 to 3 degrees above normal. The warmest temperatures occurred on the 10th or 18th when the temperature reached into the lower 80s. The coldest temperatures occurred on the 4th or the 24th when the temperature fell into the low 30s. The temperature fell below 33 degrees possibly 1 to 3 mornings in northern and eastern portions of the HSA.

Rainfall was below normal in northern and southern portions of the HSA and above normal in much of central Indiana. Monthly rainfall totals ranged from around an inch to more than six inches. For the month, a trace of snow occurred in much of central Indiana, with possibly an inch falling in northern and east central portions of the HSA. Measurable precipitation occurred on 12 days. Only locations in central Indiana had 1 day when an inch or more of rain fell.

At the end of the month, soils were on the wet side in much of central Indiana and near normal in northern and southern Indiana. Most rivers and streams were at seasonable levels in central and southern Indiana, but at below normal levels in northern Indiana.

NWS FORM E-3 U.S. DEPARTMENT OF COMMERCE HYDROLOGIC SERVICE AREA
NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

5/10/05 FLOOD STAGE REPORT April 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
Big Blue River.....							
Carthage IN.	7.0				6.28	4/23	1630
Shelbyville IN.	11.0				10.21	4/24	0745
Big Raccoon Creek.....							
Fincastle 3 W IN.	11.0				9.35	4/22	1300
Brush Creek.....							
Nebraska IN.					3.91	4/26	1700
Buck Creek.....							
Acton IN.	9.0				8.75	4/23	1300
Cicero Creek.....							
Arcadia IN.					7.54	4/23	1215
Clifty Creek.....							
Hartsville IN.	10.0				3.46	4/23	1645
Crooked Creek.....							
Speedway IN.					5.57	4/23	0200
East Fork White River.....							
Columbus IN.	9.0				7.28	4/24	0500
Columbus IN.	9.0				4.53	4/25	0200
Rockford IN.	12.0	4/25	0630	4/26	12.45	4/25	2000
Rivervale IN.	20.0				13.64	4/29	2000
Williams IN.	8.0				4.70	4/28	0700
Shoals IN.	20.0				7.67	4/28	1400

East Fork Whitewater River.....
Abington IN. 12.0 9.50
4/23 1300

Fall Creek.....
Fortville 2 NW IN. 8.0 6.34
4/24 0200
Millersville IN. 9.0 7.46
4/24 0430

Flatrock River.....
St. Paul IN. 6.0 3.15
4/24 1130

Kokomo Creek.....
Kokomo 2 SE IN. 99.99
4/23 MSSG

Leary-Weber Ditch.....
Mohawk IN. 4.73
4/23 0700

Little Buck Creek.....
Indianapolis IN. 6.39
4/22 2215

Mill Creek.....
Cataract 3 E IN. 15.0 10.40
4/23 1100

NWS FORM E-3 U.S. DEPARTMENT OF COMMERCE HYDROLOGIC SERVICE AREA
NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

5/10/05 FLOOD STAGE REPORT April 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
Mississinewa River.....							
Ridgeville 2 E IN.	11.0				12.12	4/23	1900
Marion 2 N IN.	10.0				9.11	4/23	2000
Muscatatuck River.....							
Deputy 1WNW IN.	15.0				9.06	4/24	0300
Vernon 1SW 1 SW IN.	17.0				6.63	4/23	1830
Wheeler Hollow IN.	16.0				16.30	4/29	0800
Pipe Creek.....							
Frankton IN.	12.0				10.38	4/23	2100
Pleasant Run.....							
Arlington Ave in IND IN.					5.75	4/22	0445
Prairie Creek.....							
Lebanon 5 NW IN.					7.96	4/22	1344
Salamonie River.....							
Warren 2.4 NW IN.	12.0				11.26	4/23	2200
Stony Creek.....							
Noblesville 1SE IN.	6.0				4.92	4/23	1430
Sugar Creek.....							
Crawfordsville IN.	8.0				3.53	4/23	0600
Sugar Creek (South).....							
New Palestine IN.	8.0				6.41	4/23	1445
Edinburgh 2 NW IN.	10.0				9.62	4/24	1400

Vermilion River.....			
Danville 2 SE IL.		18.0	10.18
4/22 0830			
Wabash River.....			
Linn Grove IN.		11.0	10.74
4/25 1100			
Bluffton IN.		10.0	11.25
4/25 2300			
Mount Carmel IL.		19.0	12.84
4/30 1400			
White Lick Creek.....			
Mooresville IN.		17.0	13.09
4/23 0430			
White River.....			
Muncie IN.		9.0	8.25
4/24 0845			
Anderson 10th St. IN.		10.0	9.36
4/24 0300			
Anderson Raible Ave. IN.		10.0	9.82
4/24 0700			
Noblesville IN.		14.0	13.15
4/24 1715			
Nora IN.		11.0	10.16
4/24 2345			
Broad Ripple Dam IN.		6.0	5.77
4/25 0300			

NWS FORM E-3 U.S. DEPARTMENT OF COMMERCE HYDROLOGIC SERVICE AREA
NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

5/10/05 FLOOD STAGE REPORT April 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
White River (continued).....							
IUPUI at Michigan St IN.					11.61	4/24	1645
Indpls Raymond St. IN.	16.0				10.07	4/24	2130
Stout Power Plant IN.	10.0				7.17	4/23	0900
Centerton 1S IN.	12.0				11.08	4/23	1900
Spencer IN.	14.0	4/24	1500	4/27	14.57	4/25	2300
Worthington IN.	18.0				17.87	4/27	0800
Elliston IN.	18.0	4/25	1200	4/27	18.55	4/27	0800
Newberry IN.	13.0				12.57	4/27	1200
Edwardsport IN.	15.0	4/27	2300	4/28	15.10	4/28	0700
Petersburg Power Plt 3 NE	16.0				14.04	4/29	1700
Petersburg IN.	16.0				14.43	4/29	1300
Whitewater River.....							
Alpine 2 NE IN.	14.0				14.22	4/23	2300
Wildcat Creek.....							
Jerome 1 SE IN.					8.47	4/23	1715
Kokomo IN.	10.0				7.09	4/24	0345
Owasco IN.					4.71	4/24	2315
Lafayette 4 NE IN.	10.0				6.47	4/25	0300
Youngs Creek.....							
Amity IN.	7.0				4.46	4/23	1615

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

INDIANAPOLIS, INDIANA

REPORT FOR:

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

MONTH: May 2005

TO: Hydrometeorological Information Center
NOISE/Office of Hydrology, W/OH12x1
1325 East-West Highway, Room 7128
Silver Spring MD. 20910

SIGNATURE:

(In Charge of Hydrologic Service Area)

Date: March 12, 2007

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (WSOM E-41).

☐ An **X** inside this box indicates that no flooding occurred within this hydrologic service area.

The cool weather that began during the last week of April persisted for much of May. Many areas continued to receive below normal rainfall, but some central and southern Indiana areas experienced flash flooding during the month. As a result of these heavy localized rains, lowland flooding occurred along portions of the East Fork White, Muscatatuck and White Rivers in southern Indiana.

The very cool weather that began on April 23 in the Indianapolis HSA continued through May 6. Record low temperatures occurred on the 2nd and 3rd in several areas. Temperatures in many areas dropped into the upper 20s. As a result of the prolonged cold temperatures, freeze damage occurred to some early planted corn fields in northern and east central Indiana.

Indianapolis set a record low temperature on the 3rd when the temperature dropped to 29 degrees. This also was the second lowest temperature ever recorded at Indianapolis during May. The last time Indianapolis experienced colder temperatures during May was in 1966. This was the first time since weather records began at Indianapolis in 1871, when the month of May had freezing temperatures and the previous month of April did not.

The average temperature for the April 23 through May 3 was 45.1 degrees...a record low for this period by nearly 3 degrees. The normal average temperature is 56.2 degrees. The previous record low for this period was 47.8 degrees which occurred in 1931.

Temperatures quickly warmed after the 3rd. Maximum temperatures were in the 80s from the 7th through the 11th. Temperatures fell below average again on the 12th and remained generally below average through the remainder of May.

During the evening of the 13th much of central and southern Indiana received at least a half inch of rain. However, a few areas received heavy rain of 2 to more than 4 inches. On the 14th some of these very wet areas received another one half to nearly inch of rain. This caused high river levels along the White, East Fork White and Muscatatuck Rivers in southern Indiana. Lowland flooding occurred in portions of Jackson County.

During the evening of the 19th, portions of central and southern Indiana received 2 to more than 5 inches of rain. Flashing flooding occurred in portions of Morgan, Monroe, Brown and Bartholomew Counties. The hardest hit area was Brown County, where numerous local roads flooded and schools were closed on the 20th.

This heavy rain caused sharp rises along the East Fork White River in the Seymour area and the White River in the Spencer area. Because the lower portions of both the East Fork White and White Rivers were high from rain on the 14th, near bankfull conditions occurred in southern Indiana. Any flooding lasted less than a day.

After the 19th, mainly cool and dry conditions continued through the end of May. By the end of May portions of northern Indiana were in a moderate drought. Much of central Indiana was on the dry side, while many areas of southern Indiana were near normal. The cool temperatures in May somewhat reduced moisture needs.

Most streams and rivers in central and southern Indiana were at seasonable levels at the end of May. Stream levels in much of northern Indiana were at much below normal levels, with a few areas at record low for the time of year.

For the month, May averaged 2½ to 3½ degrees below normal. The warmest temperatures occurred on the 11th or 13th when the temperature reached into the middle and upper 80s. The coolest temperatures occurred on the 3rd or 4th when the

temperature fell into the upper 20s and low 30s. The temperature fell below 33 degrees on 2 or 3 mornings in central and northern portions of the HSA.

Rainfall was below normal in many areas of the HSA. A few favored locations in central and southern Indiana had normal to above normal rainfall. Monthly rainfall totals ranged from around an inch to nearly eight inches. Many locations received only 1 to 3 inches. Measurable precipitation occurred on 6 to 10 days. Only a few locations in central and southern Indiana had 1 or 2 days when an inch or more of rain fell.

NWS FORM E-3 U.S. DEPARTMENT OF COMMERCE HYDROLOGIC SERVICE AREA
NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

5/26/05 FLOOD STAGE REPORT May 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
Big Blue River.....							
Carthage IN.	7.0				5.77	5/14	2015
Shelbyville IN.	11.0				10.88	5/15	0715
Big Creek.....							
Wadesville 1.6 SE IN.					10.93	5/20	1615
Big Raccoon Creek.....							
Coxville IN.	14.0				11.87	5/20	1000
Big Walnut Creek.....							
Reelsville IN.	12.0				9.81	5/20	0600
Bonpas Creek.....							
Browns IL.					6.91	5/20	1430
Brush Creek.....							
Nebraska IN.					4.75	5/19	1915
Buck Creek.....							
Acton IN.	9.0				5.50	5/14	1630
Buck Creek (South).....							
New Middletown 3.6 SW IN.	12.0				7.49	5/20	0045
Clifty Creek.....							
Hartsville IN.	10.0				4.46	5/14	1930
East Fork White River.....							
Columbus IN.	9.0				5.43	5/15	2130
Columbus IN.	9.0				2.94	5/20	0200

Rockford	IN.	12.0	5/15	0445	5/17	13.88
5/16	2300					
Rockford	IN.	12.0	5/20	0545	5/20	12.78
5/20	1300					
Rivervale	IN.	20.0				14.68
5/18	2300					
Rivervale	IN.	20.0				15.47
5/23	0100					
Williams	IN.	8.0				5.10
5/19	0700					
Williams	IN.	8.0				5.70
5/20	0600					
Shoals	IN.	20.0				8.33
5/19	1200					
Shoals	IN.	20.0				10.58
5/21	0300					
Eel River.....						
Bowling Green	IN.	17.0				15.48
5/20	1400					
Flatrock River.....						
St. Paul	IN.	6.0				3.71
5/15	0130					
Columbus	IN.					9.25
5/15	1130					
Indian-Kentuck Creek.....						
Canaan 2 NE	IN.					5.93
5/19	1815					

NWS FORM E-3 U.S. DEPARTMENT OF COMMERCE HYDROLOGIC SERVICE AREA
NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

5/26/05 FLOOD STAGE REPORT May 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM	TIME	TO	CREST STAGE	CREST DATE	CREST TIME
Leary-Weber Ditch.....							
Mohawk IN.					4.14	5/14	1400
Mill Creek.....							
Cataract 3 E IN.	15.0				12.60	5/14	2000
Cataract 3 E IN.	15.0				13.62	5/20	2300
Muscatatuck River.....							
Deputy 1WNW IN.	15.0				17.90	5/20	0315
Vernon 1SW 1 SW IN.	17.0				7.01	5/20	0030
Wheeler Hollow IN.	16.0				16.90	5/18	0800
Wheeler Hollow IN.	16.0				17.80	5/22	0800
Plum Creek.....							
Bainbridge IN.					4.99	5/11	2030
Prairie Creek.....							
Lebanon 5 NW IN.					6.87	5/19	1800
Salt Creek.....							
Harrodsburg 2 SE IN.	25.0				21.08	5/20	0600
Silver Creek.....							
Sellersburg 2.4 SE IN.	20.0				9.40	5/20	1200
South Fork Patoka River.....							
Spurgeon IN.	11.5				7.04	5/20	0345
Sugar Creek.....							
Crawfordsville IN.	8.0				3.04	5/20	1000

Sugar Creek (South).....					
Edinburgh 2 NW IN.	10.0				9.73
5/15 1130					
Wabash River.....					
Mount Carmel IL.	19.0				12.22
5/23 1400					
New Harmony IN.	15.0				9.09
5/23 2315					
White River.....					
Centerton 1S IN.	12.0				8.00
5/14 1700					
Centerton 1S IN.	12.0				6.04
5/19 2100					
Spencer IN.	14.0				12.69
5/15 0800					
Spencer IN.	14.0				13.05
5/20 1600					
Spencer IN.	14.0				11.77
5/22 0300					
Worthington IN.	18.0				16.21
5/15 0800					
Worthington IN.	18.0				18.31
5/21 0800					
Elliston IN.	18.0				17.05
5/16 0800					
Elliston IN.	18.0	5/21 0500		5/21	18.65
5/21 0800					
Newberry IN.	13.0				11.46
5/16 0400					
Newberry IN.	13.0				12.75
5/21 1700					
Edwardsport IN.	15.0				13.20
5/16 0700					

NWS FORM E-3 U.S. DEPARTMENT OF COMMERCE HYDROLOGIC SERVICE AREA
NOAA, NATIONAL WEATHER SERVICE INDIANAPOLIS, INDIANA

5/26/05 FLOOD STAGE REPORT May 2005

STREAM AND LOCATION	FLOOD STAGE	ABOVE FLOOD STAGE FROM TIME	TO	CREST STAGE	CREST DATE TIME
White River(continued).....					
Edwardsport IN.	15.0	5/22 0600	5/22	15.10	5/22 0700
Petersburg Power Plt 3 NE	16.0			12.88	5/17 1245
Petersburg Power Plt 3 NE	16.0			15.23	5/22 1415
Petersburg IN.	16.0			13.20	5/17 1300
Petersburg IN.	16.0			15.53	5/22 1800
Youngs Creek.....					
Amity IN.	7.0			7.77	5/15 0800

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

INDIANAPOLIS, INDIANA

REPORT FOR:

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

MONTH: June 2005

TO: Hydrometeorological Information Center
NOISE/Office of Hydrology, W/OH12x1
1325 East-West Highway, Room 7128
Service Area)
Silver Spring MD. 20910

SIGNATURE:

(In Charge of Hydrologic

Date: March 12, 2007

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (WSOM E-41).

☐ An **X** inside this box indicates that no flooding occurred within this hydrologic service area.

June was a hot and dry month for much of the Indiana. Temperatures reached into the 90s on 7 or more days during the month. A prolonged dry spelled for many locations began on the 14th and continued into July.

The month began on a warm note. On the 5th the temperature reached into the 90s for much of the HSA. This was the first that Indianapolis had reached 90 degrees since August 28, 2003. Temperatures generally remained in the 80s through the 15th.

Pleasant weather with temperatures in the 70s prevailed from the 16th through the 19th. On the 20th temperatures reached in the 80s and on the 24th into the 90s. Maximum temperatures remained near 90 degrees through the end of the month.

Humid air moved into the area by the 24th. This kept the low temperatures in the upper 60s and lower 70s from the 24th through the 30th.

The most significant rainfall event of the month occurred late on the 11th through early on the 13th. The remnants of Tropical Storm Arlene moved through the state. Rain of ½ to slightly over 3 inches fell in much of central and southern Indiana. This storm system greatly benefited the Indiana agricultural community. Indiana had been warm and dry prior to this rain.

Portions of central Indiana received in excess of 3 to 5 inches of rain from the 10th through the 14th. As a result, bankfull conditions occurred along the Eel, White, East

Fork White and Muscatatuck Rivers in southern Indiana. These same areas were affected by similar high water during May. Any lowland flooding lasted less than 2 days.

After the 13th very little rain fell in Indiana through the 27th. At Indianapolis only 0.09 inches of rain fell during this time. For the 13 day period from 16th through the 28th, Indianapolis received no measurable rain. The only other time that it was this dry during the same period was in 1963. On the 26th, the Indianapolis Water Company pumped a record amount of water. As a result, they requested residents to refrain from lawn watering and to use water wisely.

Scattered storms dropped ¼ to over 4 inches of rain in portions of Indiana between the 28th and the 30th. East central portions of Indiana were favored by the heavier amounts of rain. This included Randolph, Delaware and Wayne Counties. Because rainfall was so intense at times, localized flooding occurred particularly in urban areas. Any flooding lasted less than a few hours.

Areas that received little or no rain from the storms on the 28th, 29th and 30th included much of southwest Indiana, several areas east of the Illinois-Indiana state line to the west edge of Indianapolis, and portions of southeast Indiana.

Because temperatures remained in the upper 80s to lower 90s from the 22nd through 30th, vegetation was stressed in areas that did not receive significant rain. In general, crops conditions were not nearly as good as during 2004.

Abnormally dry conditions persisted in much of central and southern Indiana at the end of June. At the Indianapolis airport only 0.35 inches of rain fell in the last 18 days of June. This was the 7th driest of record for this period in June and the driest since the drought of 1988.

Most streams and rivers in central and southern Indiana were at seasonable levels. This was because rain occurred in portions of central Indiana near the end of the month. The exception was the Wabash River, where levels remained below normal for the season. Drought conditions in portions of eastern Illinois contributed to the low flow of the Wabash.

For the month, June averaged 1 to 5 degrees above normal. The warmest temperatures occurred from the 26th to the 30th. Maximum temperatures reached into the middle and upper 90s. The warmest temperatures occurred in northern Indiana. The coolest temperatures generally occurred on the 17th or 18th when the temperature fell into the lower 50s.

The temperature rose above 89 degrees on 7 to 10 days during the month. The last Indianapolis had more 90 degree days during June was in 1994. The last time Indianapolis reached 93 degrees during June was in 1996.

Rainfall was below normal in many areas of the HSA. A few favored locations in central Indiana had normal to above normal rainfall. Monthly rainfall totals ranged from around 2 to over 6 inches. Much of this rain fell on the 12th.

Most locations received between 2 and 4 inches for the month. Measurable precipitation occurred on 6 to 10 days. Many locations in central and southern Indiana had 1 or 2 days when an inch or more of rain fell.

NWS Form E-3 U.S. Department of Commerce Hydrologic Service Area
NOAA, National Weather Service Indianapolis, Indiana
6/27/2005 Flood Stage Report June 2005

Stream and Location	Flood Stage	Above Flood Stage From	Time	To	Crest Stage	Crest Date	Time
Big Creek.....							
Wadesville 1.6 SE IN.					17.01	6/13	0030
Big Walnut Creek.....							
Reelsville IN.	12.0				9.44	6/13	0400
Blue River.....							
Fredericksburg IN.	20.0				11.04	6/13	0400
White Cloud IN.					7.93	6/13	1515
Brush Creek.....							
Nebraska IN.					4.35	6/12	2145
Buck Creek (South).....							
New Middletown IN.	12.0				5.73	6/12	1845
Clifty Creek.....							
Hartsville IN.	10.0				5.65	6/13	0900
East Fork White River.....							
Columbus IN.	9.0				3.07	6/14	0030
Rockford IN.	12.0				10.95	6/14	1300
Rivervale IN.	20.0				13.56	6/16	0500
Williams IN.	8.0				4.60	6/16	0700
Shoals IN.	20.0				7.44	6/16	1900
Eel River.....							
Bowling Green IN.	17.0				14.16	6/13	1200
Flatrock River.....							
St. Paul IN.	6.0				3.91	6/13	1230

Columbus IN.			7.72
6/13 2330			
Mill Creek.....			
Cataract IN.		15.0	11.78
6/13 0900			
Mississinewa River.....			
Ridgeville IN.		11.0	11.44
6/13 1100			
Muscatatuck River.....			
Vernon 1SW IN.		17.0	9.47
6/13 0600			
Wheeler Hollow IN.		16.0	16.20
6/15 0700			
North Fork Vermilion River.....			
Bismarck IL.			9.63
6/08 2145			
Patoka River.....			
Winslow IN.			17.39
6/13 1445			
Princeton IN.		18.0	13.35
6/12 2100			
Pipe Creek.....			
Frankton IN.		12.0	8.44
6/13 0200			

NWS Form E-3 U.S. Department of Commerce Hydrologic Service Area
NOAA, National Weather Service Indianapolis, Indiana
6/27/2005 Flood Stage Report June 2005

Stream and Location	Flood Stage	Above Flood Stage From Time	To	Crest Stage	Crest Date Time
Prairie Creek.....					
Lebanon IN.				7.95	6/13 0115
Salt Creek.....					
Harrodsburg IN.	25.0			17.86	6/13 0200
South Fork Patoka River.....					
Spurgeon IN.	11.5			7.03	6/12 1815
Sugar Creek.....					
Crawfordsville IN.	8.0			3.37	6/13 2000
Sugar Creek (South).....					
Edinburgh IN.	10.0			7.75	6/13 1630
Wabash River.....					
Mount Carmel IL.	19.0			11.59	6/18 0100
New Harmony IN.	15.0			8.50	6/18 0830
White River.....					
Centerton 1S IN.	12.0			7.78	6/13 0800
Spencer IN.	14.0			12.18	6/14 0100
Worthington IN.	18.0			18.07	6/14 0800
Elliston IN.	18.0	6/14 0830	6/15	18.78	6/15 0800
Newberry IN.	13.0			12.70	6/15 0900
Edwardsport IN.	15.0	6/15 2100	6/16	15.20	6/16 0700
Petersburg Power Plt IN.	16.0			13.68	6/17 0330
Petersburg IN.	16.0			14.02	6/17 0500
Whitewater River.....					

Brookville IN.	20.0	9.14
6/13 0600		
Youngs Creek.....		
Amity IN.	7.0	6.16
6/13 1100		

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

INDIANAPOLIS, INDIANA

REPORT FOR:

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

MONTH: July 2005

TO: Hydrometeorological Information Center
NOISE/Office of Hydrology, W/OH12x1
1325 East-West Highway, Room 7128
Silver Spring MD. 20910

SIGNATURE:
(In Charge of Hydrologic Service Area)

Date: March 12, 2007

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (WSOM E-41).

[X] An **X** inside this box indicates that no flooding occurred within this hydrologic service area.

July was a typical July for much of the Indianapolis HSA. At times, the weather was nice for July and at other times very oppressive. Remnants of a major hurricane affected the area for nearly a week. Overall, rainfall and temperatures were near normal for July.

The dry spell that began on June 13 continued through July 11th. Indianapolis received only 0.59 inches during this period. This was the 3rd driest of record for this 29 day period.

The remnants of major hurricane Dennis began to affect Indiana on the 11th. Rainfall directly from this system ranged from less than a quarter of an inch to slightly over two inches. As the cloud shield broke down and the system gradually moved east of Indiana, convective precipitation of 2 to 4 inches fell in localized areas. By the 18th much of central and southern Indiana had received 2 to nearly 5 inches of rain from this tropical moisture.

Typical July very warm and humid conditions prevailed over the HSA from the 18th through the 21st. A derecho moved from north to south across the state late on the 21st and early on the 22nd. Rainfall of one half to slightly over 3 inches fell in much of central and southern Indiana. This rain ended the borderline drought conditions that had existed in much of central and southern Indiana since late June.

Oppressively hot and humid weather prevailed over central and southern Indiana from the 24th through the 26th. Temperatures on the 25th were the highest in nearly 3 years. Overnight low temperatures were in the middle and upper

70s. Rain that fell during the evening of the 21st reduced the maximum temperatures somewhat. The additional moisture added to the local humidity.

A strong cold front moved through the HSA during the evening of the 26th. Rainfall of one quarter to nearly 3 inches fell in much of the HSA. The heaviest rain was north of Interstate 70. Much of southern Indiana south of a line from Vincennes to Liberty received little rain from this system.

Storms associated with this cold front produced strong micro bursts and three small tornadoes in Tippecanoe and Clinton Counties. Widespread wind damage occurred across southern Tippecanoe, Clinton, southern Carroll, and Howard counties in the HSA.

Very pleasant weather and dry weather closed out July in the HSA.
At the end of the month, streams were at near normal levels for the season. Soils were becoming dry again in many areas.

There were two significant flash flood events during July in the HSA. The first occurred during the evening of the 16th when 3 to possibly 5 inches of rain fell in western and northern portions of Marion County. Extensive parking lot flooding occurred at Lafayette Square Mall on the Westside of Indianapolis. INDOT noted severe erosion to recent bridge improvements on the eastside of Indianapolis near I-465.

The second flash flood occurred on the evening of the 21st when 3 inches of rain fell on a rather wet eastern Marion County. Several roads on the eastside of Indianapolis flooded that normally do not flood.

Both events lasted less than 6 hours and covered a small area. Both events put more water in the White and East Fork White rivers than did hurricane Dennis.

For the month, July temperatures averaged near normal to 1.5 degrees above normal. The warmest temperatures occurred on the 25th. Maximum temperatures reached into the middle and upper 90s. The coolest temperatures occurred on the 2nd or 28th when the temperature fell into the 50s.

The temperature rose above 89 degrees on 5 to 12 days during the month. Temperatures in central Indiana were the highest since August 2002 and in northern areas of the HSA, possibly the warmest since July 1999.

Rainfall during July ranged from below normal to much above normal. Monthly totals varied from less than 3 inches to more than 9 inches. Much of the HSA received 3 to 6 inches during the month. Most of this rain fell from the 12th through the 27th.

Rain fell on 9 to 12 days during the month. Several locations in central and southern Indiana had 1 or 2 days when an inch or more of rain fell.

As is typical in convective season, rainfall varied greatly over a rather short distance. The southwest portion of Indianapolis received less than 3 inches of rain while the northeast portion received nearly 9 inches.

NWS Form E-3 U.S. Department of Commerce Hydrologic Service Area
NOAA, National Weather Service Indianapolis, Indiana
7/26/2005 Flood Stage Report July 2005

Stream and Location	Flood Stage	Above Flood Stage From Time	To	Crest Stage	Crest Date Time
Big Blue River.....					
Shelbyville IN.	11.0			10.00	7/17 2115
Shelbyville IN.	11.0			10.50	7/22 1030
Buck Creek.....					
Acton IN.	9.0			5.35	7/17 1000
Acton IN.	9.0			8.29	7/22 1530
Crooked Creek.....					
Speedway IN.				7.23	7/16 2315
Speedway IN.				4.96	7/22 0215
Eagle Creek.....					
Zionsville IN.	9.0			6.15	7/22 0645
East Fork White River.....					
Columbus IN.	9.0			2.68	7/18 1300
Columbus IN.	9.0			3.13	7/23 1500
Rockford IN.	12.0			7.81	7/19 0400
Rockford IN.	12.0			9.48	7/24 0600
Fall Creek.....					
Millersville IN.	9.0			7.48	7/22 0145
Leary-Weber Ditch.....					
Mohawk IN.				4.54	7/17 0145
Mohawk IN.				4.29	7/22 0430
Little Eagle Creek.....					
Speedway IN.				9.18	7/16 2315

Middle Fork Vermilion River.....
Oakwood IL. 5.93
7/22 1200

Pleasant Run.....
Arlington Ave in IND IN. 8.75
7/16 2245
Arlington Ave in IND IN. 10.76
7/22 0001

Plum Creek.....
Bainbridge IN. 3.15
7/21 0545

Prairie Creek.....
Lebanon IN. 8.62
7/22 0130

Salt Fork.....
St. Joseph IL. CHTR 9.65
7/22 1315

Stony Creek.....
Noblesville 1SE IN. 6.0 4.62
7/17 2345
Noblesville 1SE IN. 6.0 4.81
7/22 1615

NWS Form E-3 U.S. Department of Commerce Hydrologic Service Area
NOAA, National Weather Service Indianapolis, Indiana
7/26/2005 Flood Stage Report July 2005

Stream and Location	Flood Stage	Above Flood Stage From	Time	To	Crest Stage	Crest Date	Crest Time
Sugar Creek.....							
Crawfordsville IN.	8.0				3.35	7/22	1500
Sugar Creek (South).....							
New Palestine IN.	8.0				6.14	7/17	0600
New Palestine IN.	8.0				7.08	7/22	0345
Edinburgh IN.	10.0				8.13	7/23	1145
Vermilion River.....							
Danville IL.	18.0				8.51	7/22	2000
White River.....							
Centerton IN.	603.0				6.58	7/23	0300
Spencer IN.	14.0				9.62	7/23	2000

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

INDIANAPOLIS, INDIANA

REPORT FOR:

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

MONTH: August 2005

TO: Hydrometeorological Information Center
NOISE/Office of Hydrology, W/OH12x1
1325 East-West Highway, Room 7128
Silver Spring MD. 20910

SIGNATURE:
(In Charge of Hydrologic Service Area)

Date: March 12, 2007

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (WSOM E-41).

[X] An **X** inside this box indicates that no flooding occurred within this hydrologic service area.

The costliest and one of the deadliest natural disasters in United States history struck the Gulf Coast states of Louisiana, Mississippi and Alabama and the city of New Orleans on August 29. After strengthening to a category 5 hurricane, Katrina struck southeast Louisiana first as a category 4 and then as category 3 hurricane. Total storm damage may reach 300 billion dollars with the death toll possibly exceeding a thousand.

The following day the remnants of Katrina dropped from a trace to nearly 5 inches of rain in southern and central Indiana. Rainfall of an inch or more fell south of a line from Sullivan to Bluffton. The heaviest rain of 3 to nearly 5 inches fell in a narrow 5 to 10 mile wide band from Vincennes to Winchester.

Because much of central and southern Indiana was on the dry side, river flooding did not occur. Localized and small stream flooding occurred in the areas of greatest rainfall. High water affected primarily roads.

August averaged above normal for temperature and rainfall in the Indianapolis HSA. Temperatures averaged 1 ½ to 3 ½ degrees above normal. Rainfall ranged from near normal in northern portions of the HSA to much above normal in the southern portions. Most of August’s rainfall in central and southern Indiana came from the remains of Hurricane Katrina.

The first 13 days of August were very warm and at times hot. Temperatures generally reached into the upper 80s to

upper 90. After the 13th, August weather was typical to pleasant. Temperatures were mostly in the 80s.

The warmest temperatures of the month occurred on the 3rd, 12th or 13th. Maximum temperatures were in the low to upper 90s. The temperature rose above 89 degrees on 4 to 18 days during the month. The coolest temperatures during August occurred on the 23rd or 24th. Temperatures dipped into the 50s.

Rainfall during August was on the light side in much of central and southern Indiana through the 29th. Rainfall of 1 to 3 inches fell in portions of southwest and south central Indiana on the evening of the 15th and morning of the 16th. During the evening of the 18th and early on the 19th rain of 1 to 5 inches fell in a 10 to 20 mile wide area from Clinton to Madison.

Rain of 1 to 3 inches fell on the 28th along the Ohio River in southern Indiana just 2 days before Katrina's rainfall. This rainfall was mostly south of the Indianapolis HSA.

On the 30th the remains of Katrina brought wind and at times heavy rain to much of central and southern Indiana. Significant rain of 1 to nearly 5 inches of rain fell south of a line from Sullivan to Bluffton.

Much of Indiana north of a line from Lafayette to Fort Wayne received little or no rain. Some areas in northern Indiana received little or no rainfall after the 20th.

Katrina was the third tropical system this summer to bring significant rainfall to Indiana. Typically, Indiana is impacted by one or more tropical cyclones each year. Much of the time the impact is just a glancing pass. However, this year the centers of two of the systems moved across central Indiana and the third across southern Indiana.

As a result, rainfall from these systems yielded nearly 2/3 of Indianapolis's rainfall for the summer months of June, July and August. This rainfall kept drought conditions at bay. Without this rainfall, Indianapolis may have had one of the driest summers of record. Total summer rainfall at Indianapolis was 10.77 inches with 6.76 inches from the three tropical storms. Normal summer rainfall is 12.36 inches.

Monthly rainfall varied from around 2 inches in northern Indiana to more than 10 inches in southern Indiana. Most of the Indianapolis HSA received 3 to 7 inches of rain.

Rain fell on 10 to 12 days during the month. Many locations in central and southern Indiana had 1 or 2 days when an inch or more of rain fell.

At the end of the month, streams in central and southern Indiana were at above normal levels for the season. The Wabash River in western Indiana was at below normal levels because of dry conditions in northern Indiana and east central Illinois. Soils were on the wet side in many areas south of Interstate 70.

NWS Form E-3 U.S. Department of Commerce Hydrologic Service Area
NOAA, National Weather Service Indianapolis, Indiana

9/22/2005 Flood Stage Report August 2005

Stream and Location	Flood Stage	Above Flood Stage From Time	To	Crest Stage	Crest Date Time
Buck Creek.....					
Acton IN.	9.0			7.47	8/31 0100
East Fork White River.....					
Columbus IN.	9.0			2.48	9/01 0200
Rockford IN.	12.0			8.05	9/01 1200
Rivervale IN.	20.0			10.27	9/02 2000
Lick Creek.....					
Beech Grove IN.	7.0			5.52	8/30 1745
Little Buck Creek.....					
Indianapolis IN.				7.55	8/30 2000
Mill Creek.....					
Cataract IN.	15.0			9.21	8/31 0500
Muscatatuck River.....					
Deputy IN.	15.0			12.24	8/31 0630
Pleasant Run.....					
Arlington Ave in IND IN.				5.96	8/30 1800
Salt Creek.....					
Harrodsburg IN.	25.0			14.68	8/30 2100
Sugar Creek (South).....					
Edinburgh IN.	10.0			7.53	8/31 1600
White River.....					
Centerton 1S IN.	12.0			6.41	8/31 0500

Spencer IN.	14.0	11.19
8/31 1800		
Worthington IN.	18.0	14.15
9/01 0800		
Elliston IN.	18.0	14.59
9/01 0800		
Newberry IN.	13.0	8.75
9/01 1100		
Edwardsport IN.	15.0	10.70
9/02 0700		
Youngs Creek.....		
Amity IN.	7.0	4.88
8/31 0545		

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

INDIANAPOLIS, INDIANA

REPORT FOR:

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

MONTH: September 2005

TO: Hydrometeorological Information Center
NOISE/Office of Hydrology, W/OH12x1
1325 East-West Highway, Room 7128
Silver Spring MD. 20910

SIGNATURE:
(In Charge of Hydrologic Service Area)

Date: March 12, 2007

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (WSOM E-41).

[X] An **X** inside this box indicates that no flooding occurred within this hydrologic service area.

September 2005 was a warm month with near normal to above normal rainfall. Almost all of the month's precipitation fell after the 13th. Much of this rainfall was associated with the remains of Hurricane Rita.

September began on a warm and dry note. Little or no rain fell in much on the HSA through the 13th. For the Indianapolis airport, measurable rainfall did not fall through the 13th and tied the driest of record for this period with 10 other years.

Severe drought conditions were beginning to reappear in northern Indiana as temperatures from the 9th through 13th were in the upper 80s and lower 90s. Temperatures were also warm in central and southern Indiana but peaked only in the upper 80s because of rainfall received during the later part of August.

Scattered storms from the 14th through 18th dropped ½ to possibly localized 2 inches of rain in mainly northern and central Indiana. Little rain fell in much of southern Indiana through the 18th.

Severe thunderstorms during the evening of the 19th produced winds in excess of 60 mph in portions of central Indiana. Redevelopment of thunderstorms across central and much of southern Indiana dropped from ½ to nearly 3 inches of rain. For many portions of southern Indiana, this was the first significant rain since the later part of August.

The remains of Hurricane Rita, once a category 5 hurricane with the 3rd lowest central pressure ever for an Atlantic

hurricane, dropped ½ to 3 inches of rain in much of Indiana on the 25th. This was the fourth consecutive month a tropical storm was a major contributor to monthly rainfall in the Indianapolis HSA. Heaviest rainfall from this system was in the White River watershed. The White River approached bankfull levels from Muncie to Edwardsport.

Rains from Rita reduced early fire danger in much of the state. Many central Indiana areas were now on the wet side. Because of drier antecedent conditions and lighter rainfall, northern Indiana areas remained somewhat on the dry side.

Temperatures from the 14th through 28th remained above normal. Maximum temperatures were in the 70s and 80s. The warmest day in central and southern Indiana occurred on the 22nd as temperatures reached into the upper 80s to near 90.

A cold front passing on the 28th ushered in the coolest temperatures since May 15. Temperatures dipped into the 40s on the 29th and 30th.

Monthly temperatures averaged 3 to 4 ½ degrees above normal. This was the warmest September at Indianapolis since 2002. Warmest temperatures occurred between the 9th and 13th and on the 22nd. Maximum temperatures reached into the upper 80s and lower 90s. The coldest temperatures occurred on the 30th. Temperatures dropped into the upper 30s and lower 40s.

Monthly rainfall ranged from below normal to above normal in central and southern Indiana. Monthly totals ranged from less than 2 inches to more than 7 inches. Many locations received 3 to 5 inches. Rain fell on 8 to 11 days. Many locations had 1 day when 1 inch or more fell. Several locations had 2 days when more than an inch of rain fell.

At the end of September, ground conditions were moist in much of central Indiana and normal in southern Indiana. Stream levels were above normal for the season, but more than 3 feet below bankfull levels.

NWS Form E-3 U.S. Department of Commerce Hydrologic Service Area
NOAA, National Weather Service Indianapolis, Indiana

10/06/2005 Flood Stage Report September 2005

Stream and Location	Flood Stage	Above Flood Stage From Time	To	Crest Stage	Crest Date Time
Crooked Creek.....					
Speedway IN.				5.72	9/15 2200
Speedway IN.				6.63	9/26 0100
East Fork White River.....					
Columbus IN.	9.0			2.54	9/27 0900
Rockford IN.	12.0			7.50	9/27 2200
Eel River.....					
Bowling Green IN.	17.0			10.59	9/26 1200
Little Buck Creek.....					
Indianapolis IN.				4.97	9/26 0200
Mill Creek.....					
Cataract IN.	15.0			12.53	9/26 0900
Mississinewa River.....					
Ridgeville IN.	11.0			8.85	9/16 0900
Ridgeville IN.	11.0			11.86	9/26 1000
Pleasant Run.....					
Arlington Ave in IND IN.				5.61	9/25 2100
Prairie Creek.....					
Lebanon IN.				7.76	9/25 2300
Sugar Creek (South).....					
Edinburgh IN.	10.0			8.13	9/26 2000

Wabash River.....
Linn Grove IN. 11.0 7.30
9/28 0800
Bluffton IN. 10.0 7.33
9/28 1300
Wabash IN. 12.0 7.99
9/27 1800
Peru IN. 20.0 7.83
9/28 1100
Lafayette IN. 11.0 6.86
9/29 1000
Covington IN. 16.0 7.93
9/30 0400

White River.....
Muncie IN. 9.0 6.91
9/15 1800
Muncie IN. 9.0 7.76
9/27 0200
Anderson 10th St. IN. 10.0 8.34
9/27 0700
Anderson Raible Ave. IN. 10.0 7.90
9/27 1200
Noblesville IN. 14.0 9.12
9/27 2000
Centerton 1S IN. 12.0 8.04
9/26 1400
Spencer IN. 14.0 11.84
9/27 0800
Worthington IN. 18.0 15.27
9/27 1300
Elliston IN. 18.0 15.55
9/28 1300
Newberry IN. 13.0 9.81
9/28 0200
Edwardsport IN. 15.0 11.50
9/29 0700

NWS Form E-3 U.S. Department of Commerce Hydrologic Service Area
NOAA, National Weather Service Indianapolis, Indiana

10/06/2005 Flood Stage Report September 2005

Stream and Location	Flood Stage	Above Flood Stage From	Time	To	Crest Stage	Crest Date	Time
Wildcat Creek.....							
Kokomo IN.	10.0				5.36	9/25	2100
Youngs Creek.....							

	Amity IN.	7.0	5.14
9/20 1300			
	Amity IN.	7.0	5.97
9/26 1500			

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NWS FORM E-5 U.S. DEPARTMENT OF COMMERCE NOAA, NATIONAL WEATHER SERVICE **MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS** TO: NATIONAL WEATHER SERVICE HYDROMETEOROLOGICAL INFO CENTER, W/OS31 SSMC 2 – Room 13468 1325 EAST-WEST HIGHWAY SILVER SPRING, MD 20910-3283	HSA OFFICE: **Indianapolis (IND), Indiana** REPORT FOR (MONTH / YEAR): **October 2005** DATE: **November 9, 2005** SIGNATURE: **Albert P. Shipe, Jr.**

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41).

X **An X inside this box indicates that no flooding occurred within this hydrologic service area.**

October was very similar to September. Temperatures were above normal and rainfall was below normal. Much of the month's rain fell on the 21st. For the first time since May, this significant rain was not associated with the remains of a tropical system.

October began on a very warm note. During the first 5 days of the month, temperatures reached into the upper 70s and lower 80s. Temperatures remained above normal for much of the time through the 19th.

Much of Indiana received little or no measurable rain for the first 19 days of October. At Indianapolis, no measurable rain occurred through the 19th. This tied the year 1934 as the driest start ever for October at Indianapolis.

The first 19 days of October were preceded by 2 days without rain in September. The last time there were 21 consecutive days without measurable rain at Indianapolis was in 2002. The record of 39 days was set in 1908.

Very mild temperatures were replaced by much more seasonal temperatures on the 20th. During this transition, the only significant rainfall of the month occurred.

Almost all of the rain that fell during October in central and southern Indiana occurred from the 20th through the 24th. The most significant rain of ½ to over 3 inches fell late

on the 20th through early on the 22nd. The heaviest rain was in a 20 to 30 mile wide band from Clinton in Vermillion County to Richmond in Wayne County.

The last significant rain of October occurred late on the 23rd and early on the 24th. Rainfall of ½ to near an inch fell in portions of east central Indiana.

Streams and rivers had a modest response to the rain that fell from the 20th through the 24th. The biggest rises were noted in east central Indiana as the Mississinewa and White Rivers approached bankfull levels. This rain was beneficial to pastures and winter wheat fields. The rain also reduced local fire danger.

A few central Indiana areas were now on the wet side. Because of drier antecedent conditions and lighter rainfall, northern Indiana areas remained on the dry side.

The first widespread frost and first hard freeze of the season occurred on the morning of the 29th. Minimum temperatures ranged from middle 20s to lower 30s. This was the coldest temperatures of the month.

Monthly temperatures averaged ½ to nearly 2 degrees above normal. Warmest temperatures occurred on the 3rd or 4th. Maximum temperatures reached into the middle 80s. The coldest temperatures occurred on the 29th. Temperatures dropped into the middle 20s and lower 30s. Temperatures fell below 33 degrees on 1 to 4 days during the month.

Monthly rainfall was below normal in much of central and southern Indiana. Monthly totals ranged from around one half of an inch to slightly over 4 inches. Many locations received only 1 to 2 inches. Rain fell on 3 to 8 days. Several locations had one day when one inch or more of rain fell.

At the end of October, ground conditions were near normal in much of central and southern Indiana. Some dry areas remained in portions southern and northern Indiana. Stream levels were generally at seasonable levels.

During October another category 5 hurricane formed in the Atlantic Basin. The central pressure of Hurricane Wilma dropped to the lowest ever recorded in the Atlantic Basin on October 19. The central pressure of 882 millibars was

only 12 millibars from the lowest pressure ever recorded at sea level. Fortunately the changing upper patterns did not allow Wilma to affect much of the Gulf Coast. Major damage did occur in southern Florida as the hurricane moved from the Gulf of Mexico into the Atlantic Ocean.

NWS Form E-3 U.S. Department of Commerce Hydrologic Service Area
NOAA, National Weather Service Indianapolis, Indiana

11/09/2005 Flood Stage Report October 2005

Stream and Location	Flood Stage	Above Flood Stage From Time	To	Crest Stage	Crest Date Time
Big Blue River.....					
Carthage IN.	7.0			4.71	10/21 2100
Shelbyville IN.	11.0			8.25	10/22 1100
Buck Creek.....					
Acton IN.	9.0			7.25	10/21 1800
East Fork White River.....					
Columbus IN.	9.0			2.61	10/23 0100
Rockford IN.	12.0			7.16	10/23 1500
Leary-Weber Ditch.....					
Mohawk IN.				3.64	10/21 1600
Little Buck Creek.....					
Indianapolis IN.				5.90	10/21 1600
Mill Creek.....					
Cataract IN.	15.0			11.13	10/21 2300
Mississinewa River.....					
Ridgeville IN.	11.0			9.99	10/24 1600
Sugar Creek (South).....					
Edinburgh IN.	10.0			8.09	10/22 1400
White River.....					
Muncie IN.	9.0			7.23	10/25 0700
Anderson 10th St. IN.	10.0			7.55	10/25 1300
Anderson Raible Ave. IN.	10.0			6.55	10/25 1400
Youngs Creek.....					
Amity IN.	7.0			4.11	10/22 0200

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NWS FORM E-5 U.S. DEPARTMENT OF COMMERCE NOAA, NATIONAL WEATHER SERVICE **MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS** TO: NATIONAL WEATHER SERVICE HYDROMETEOROLOGICAL INFO CENTER, W/OS31 SSMC 2 – Room 13468 1325 EAST-WEST HIGHWAY SILVER SPRING, MD 20910-3283	HSA OFFICE: **Indianapolis (IND), Indiana** REPORT FOR (MONTH / YEAR): **November 2005** DATE: **December 12, 2005** SIGNATURE: **Albert P. Shipe, Jr.**

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41).

☐ **An X inside this box indicates that no flooding occurred within this hydrologic service area.**

November 2005 will be remembered for the death and destruction caused by tornadoes on the 6th and again on the 15th. November was markedly different from the previous months because of the more frequent and at times heavy rain fall. Some river flooding and flash flooding occurred from the heavy rains on the 15th. The first snow of the season fell during the second half of the month.

Twenty-three persons perished during the tornado outbreak in southwest Indiana early on the 6th. This was the most deaths from tornadoes in Indiana since April 3, 1974 and the first recorded tornado deaths during November since detailed records began in 1950. The killer storm occurred in the southeast suburbs of Evansville.

Another outbreak of severe storms and tornadoes occurred on the 15th. The storms occurred in southwest and central Indiana. Fortunately, no one perished from these storms.

November began with normal temperatures. Temperatures warmed on the 2nd with readings in the 60s and 70s each day prior to the killer storms on the 6th. Temperatures in southwest Indiana approached record levels prior to the storms.

After the 6th, generally mild weather with temperatures reaching into the 60s continued through 15th. After the storms on the 15th, temperatures dropped sharply with the first flakes of snow for the winter season falling on the

16th. The 17th was among the coldest days of the month, with temperatures remaining below freezing in much of the HSA.

Temperatures rebounded on the 18th with daily maximum temperatures in the 40s and 50s continuing through late on the 23rd. Temperatures dropped sharply on the 24th (Thanksgiving Day). The temperature at Indianapolis fell 31 degrees. The low of 13 on Thanksgiving Day was the 6th lowest temperature recorded for Thanksgiving Day since 1871. The coldest temperatures of November occurred the next day. Temperatures remained below freezing in much of the HSA on the 25th.

Warmer air quickly returned on the 26th as temperatures reached into the 60s by the 28th. The mild temperatures remained only briefly as much colder air returned to the HSA on the 29th. November ended on a cold note.

For November the monthly average temperature ranged from 1 to 2 ½ degrees above normal. The warmest day for most of the HSA was on the 3rd when temperatures reached into the low to middle 70s. The coldest temperatures occurred on the 25th as readings fell into the low teens.
Minimum temperatures fell below 33 degrees on 14 days and remained below 33 degrees on 2 days.

Rainfall was more frequent and heavier in much of the HSA during November. Monthly rainfall was the greatest in much of the HSA since April and in some southern Indiana areas since January. Rainfall of an inch or more fell somewhere in Indiana on the 6th, 15th and 28th. Most of central Indiana had one day and much of southern Indiana had two days when more than an inch of rain fell. Rain fell on 9 to 10 days during the month.

Monthly rainfall ranged from slightly over 1 ½ inches to over 6 inches in the HSA. Much of the HSA received 3 to 5 inches. Monthly rainfall varied from below normal in the northern portions, to normal in central portions, to above normal in the southern portions of the HSA.

The most significant rainfall on November fell late on the 14th through early on the 16th. Just south of the Indianapolis HSA, rain of 6 to 9 inches fell near the Ohio River in portions of Spencer, Perry and Crawford Counties. Much of the HSA received 3 to 6 inches of rain during this

period. The HSA went from dry to wet in less than 30 hours.

Lowland flooding occurred along portions of the White and East Fork White Rivers as a result of this rain. The Wabash River approached bankfull levels and did not flood because less rain fell in northern Indiana and eastern Illinois.

The first snowfall of the season occurred on the 23rd ahead of a warm front. Snow amounts of slightly over a trace to 2 inches fell in much of the HSA. Heaviest snow occurred in east central Indiana. The snow melted by the evening as temperatures warmed into the upper 40s and 50s later that day.

At the end of November, streams were elevated and the ground was wet as a result of rains on the 28th. There was little frost in the ground and possibly trace amounts of snow.

NWS Form E-3 U.S. Department of Commerce Hydrologic Service Area
NOAA, National Weather Service Indianapolis, Indiana

12/09/2005 Flood Stage Report November 2005

Stream and Location	Flood Stage	Above Flood Stage From Time	To	Crest Stage	Crest Date Time
Big Blue River.....					
Carthage IN.	7.0			6.60	11/16 0830
Shelbyville IN.	11.0			10.76	11/17 0130
Big Creek.....					
Wadesville 1.6 SE IN.				13.12	11/16 0015
Big Raccoon Creek.....					
Fincastle IN.	11.0			6.50	11/16 0900
Coxville IN.	14.0			10.69	11/16 0800
Big Walnut Creek.....					
Roachdale IN.				10.60	11/16 0200
Reelsville IN.	12.0			10.17	11/16 0200
Blue River.....					
Fredericksburg IN.	20.0			13.04	11/15 2030
White Cloud IN.				12.31	11/16 0245
Bonpas Creek.....					
Browns IL.				13.22	11/15 2230
Brush Creek.....					
Nebraska IN.				3.96	11/15 1230
Nebraska IN.				5.84	11/28 1945
Buck Creek.....					
Acton IN.	9.0			8.43	11/16 0630

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      Buck Creek (South).....
      New Middletown IN.           12.0                      4.10
11/15 1045
      New Middletown IN.           12.0                      4.22
11/28 1930

      Cicero Creek.....
      Arcadia IN.                                            6.17
11/16 1015

      Clifty Creek.....
      Hartsville IN.               10.0                      4.44
11/16 0700

      Crooked Creek.....
      Speedway IN.                                           4.41
11/15 1830

      Eagle Creek.....
      Zionsville IN.                9.0                      7.79
11/16 0445
      Speedway IN.                  9.0                      5.70
11/16 1430

      East Fork White River.....
      Columbus IN.                  9.0                      5.54
11/17 0900
      Columbus IN.                  9.0                      2.64
11/30 0500
      Rockford IN.                 12.0  11/17 0600  11/19   13.44
11/18 1600
      Rockford IN.                 12.0                      8.96
11/30 1800
      Rivervale IN.                20.0                     14.09
11/20 1500
      Williams IN.                  8.0                      4.50
11/20 0800
      Shoals IN.                   20.0                      7.31
11/21 0300


    NWS Form E-3  U.S. Department of Commerce         Hydrologic
Service Area
                NOAA, National Weather Service          Indianapolis,
Indiana

      12/09/2005    Flood Stage Report                   November 2005

                                 Flood  Above Flood Stage   Crest
Crest
        Stream and Location      Stage  From  Time   To     Stage
Date  Time
      -------------------------  -----  ----- ----  -----  ------  ---
-- ----
      East Fork Whitewater River.....
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	Abington IN.	12.0	8.67
11/29	0230		
	Eel River.....		
	Bowling Green IN.	17.0	14.26
11/16	1200		
	Fall Creek.....		
	Fortville IN.	8.0	5.06
11/16	1500		
	Millersville IN.	9.0	5.61
11/17	0245		
	Flatrock River.....		
	St. Paul IN.	6.0	3.69
11/16	0930		
	St. Paul IN.	6.0	3.01
11/29	1615		
	Columbus IN.		10.52
11/17	0015		
	Columbus IN.		7.46
11/30	0630		
	Indian-Kentuck Creek.....		
	Canaan IN.		5.84
11/15	1200		
	Leary-Weber Ditch.....		
	Mohawk IN.		4.42
11/15	2245		
	Lick Creek.....		
	Beech Grove IN.	7.0	3.47
11/15	2215		
	Little Buck Creek.....		
	Indianapolis IN.		5.73
11/16	0145		
	Little River.....		
	Huntington IN.	15.0	6.34
11/16	1200		
	Middle Fork Anderson River.....		
	Bristow IN.	15.0	14.65
11/15	0930		
	Mill Creek.....		
	Cataract IN.	15.0	12.33
11/16	0600		
	Mississinewa River.....		
	Ridgeville IN.	11.0	12.69
11/16	0800		
	Ridgeville IN.	11.0	11.10
11/29	0400		

Marion 2N IN. 10.0 3.80
11/17 0600

Muscatatuck River.....
Deputy IN. 15.0 20.00#
11/16 0400#
Deputy IN. 15.0 15.88
11/29 0845
Vernon 1SW IN. 17.0 6.83
11/15 2130
Vernon 1SW IN. 17.0 10.85
11/29 0230
Wheeler Hollow IN. 16.0 17.00
11/18 1000

Estimated

NWS Form E-3 U.S. Department of Commerce Hydrologic Service Area
NOAA, National Weather Service Indianapolis, Indiana

12/09/2005 Flood Stage Report November 2005

Stream and Location	Flood Stage	Above Flood Stage From Time	To	Crest Stage	Crest Date Time
Patoka River.....					
Winslow IN.				16.67	11/19 0445
Princeton IN.	18.0			11.42	11/15 2200
Pipe Creek.....					
Frankton IN.	12.0			6.96	11/16 1830
Pleasant Run.....					
Arlington Ave in IND IN.				5.17	11/15 2100
Plum Creek.....					
Bainbridge IN.				3.60	11/16 2145
Prairie Creek.....					
Lebanon IN.				8.76	11/15 2245
Salamonie River.....					

	Warren 2.4 NW IN.	12.0	9.81
11/18	2000		
	Salt Creek.....		
	Harrodsburg IN.	25.0	18.72
11/16	0400		
	Silver Creek.....		
	Sellersburg IN.	20.0	20.24
11/16	0300		
	Stony Creek.....		
	Noblesville 1SE IN.	6.0	3.51
11/16	0730		
	Sugar Creek.....		
	Crawfordsville IN.	8.0	3.57
11/16	1300		
	Sugar Creek (South).....		
	New Palestine IN.	8.0	6.83
11/16	0145		
	Edinburgh IN.	10.0	9.59
11/16	2315		
	Wabash River.....		
	Linn Grove IN.	11.0	8.28
11/18	1200		
	Bluffton IN.	10.0	8.38
11/18	2200		
	Wabash IN.	12.0	9.87
11/18	0001		
	Peru IN.	20.0	10.00#
11/18	0600#		
	Logansport IN.	17.0	7.42
11/18	1000		
	Lafayette IN.	11.0	8.72
11/18	2100		
	Covington IN.	16.0	12.02
11/19	1400		
	Montezuma IN.	14.0	9.83
11/20	0200		
	Terre Haute IN.	14.0	7.82
11/20	1100		
	Hutsonville IL.	16.0	11.00
11/20	2000		
	Riverton IN.	15.0	9.15
11/21	0700		
	Red Skelton Bridge IN.	17.5	9.10
11/21	1800		
	Vincennes IN.	16.0	7.70
11/22	0700		
	Mount Carmel IL.	19.0	10.28
11/21	2000		
	New Harmony IN.	15.0	7.35
11/22	0700		

Estimated

NWS Form E-3 U.S. Department of Commerce Hydrologic Service Area
NOAA, National Weather Service Indianapolis, Indiana

12/09/2005 Flood Stage Report November 2005

Stream and Location	Flood Stage	Above Flood Stage From Time	To	Crest Stage	Crest Date Time
West Fork Blue River.....					
Salem IN.	12.0			5.19	11/15 2315
Whiskey Run.....					
Marengo IN.	8.0			5.17	11/15 0430
Marengo IN.	8.0			5.86	11/15 2115
White River.....					
Muncie IN.	9.0			8.10	11/17 0315
Anderson 10th St. IN.	10.0			8.59	11/17 1000
Anderson Raible Ave. IN.	10.0			8.03	11/17 1200
Noblesville IN.	14.0			10.14	11/17 0630
Nora IN.	11.0			7.62	11/17 1215
Broad Ripple Dam IN.	6.0			5.13	11/17 1300
IUPUI at Michigan St IN.				10.02	11/17 1645
Indpls Raymond St. IN.	16.0			8.23	11/17 1500
Stout Power Plant IN.	10.0			6.02	11/17 1500
Centerton 1S IN.	12.0			7.49	11/16 0300
Spencer IN.	14.0			12.59	11/16 2100
Worthington IN.	18.0			18.08	11/17 0800
Elliston IN.	18.0	11/17 0030	11/17	18.60	11/17 0800
Newberry IN.	13.0			12.57	11/17 1500

	Edwardsport IN.	15.0	11/18 0030	11/18	15.20
11/18 0700					
	Petersburg Power Plt IN.	16.0			12.17
11/19 1645					
	Petersburg IN.	16.0			12.52
11/19 1800					
	Whitewater River.....				
	Economy IN.				6.53
11/16 0015					
	Economy IN.				5.77
11/28 2200					
	Alpine IN.	14.0			13.81
11/16 1500					
	Alpine IN.	14.0			13.15
11/29 1100					
	Brookville IN.	20.0			7.03
11/16 2200					
	Brookville IN.	20.0			6.77
11/29 1800					
	Wildcat Creek.....				
	Lafayette IN.	10.0			6.61
11/16 2100					
	Youngs Creek.....				
	Amity IN.	7.0			7.24
11/16 1345					

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NWS FORM E-5 U.S. DEPARTMENT OF COMMERCE NOAA, NATIONAL WEATHER SERVICE **MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS** TO: NATIONAL WEATHER SERVICE HYDROMETEOROLOGICAL INFO CENTER, W/OS31 SSMC 2 – Room 13468 1325 EAST-WEST HIGHWAY SILVER SPRING, MD 20910-3283	HSA OFFICE: **Indianapolis (IND), Indiana** REPORT FOR (MONTH / YEAR): **December 2005** DATE: **January 12, 2006** SIGNATURE: **Albert P. Shipe, Jr.**

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☐ **An X inside this box indicates that no flooding occurred within this hydrologic service area.**

December 2005 started very cold and snowy, but finished on the mild side. The mild temperatures at the end of the month could not offset the bitter cold temperatures during the first 3 weeks. Much of Indiana averaged more than 4 degrees below normal. Snowfall was above normal in most areas, but the melted precipitation was generally below normal.

The cold weather that began at the end of November persisted through the 22nd. During this time the temperature only exceeded 32 degrees six times at Indianapolis. The first three weeks of December were among the 10 coldest starts of December at Indianapolis.

The first significant snow of the winter season occurred on the afternoon and early evening of the 8th. It was like someone turned on a light switch, one minute it wasn't snowing and the next minute one couldn't see more than a quarter of a mile. For about 7 hours, snow fell at the rate of 1 to 2 inches an hour in much of central Indiana.

Because the snow started around 2 pm in the Indianapolis area, commuter traffic ground to a halt very quickly. Many people had the misfortune of a 30 minute commute taking over 3 hours. Several people simply ran out of gas because of the snarled traffic. A few students were stuck on school busses or remained at school for several hours.

The following day travel was somewhat better because the

snow system had moved off quickly. Strong winds late on the 8th and early on the 9th caused drifting of the new snow. Because of the cold temperatures, this snow remained on the ground at Indianapolis through the morning of the 23rd. Typically an inch or more of snow remains on the ground at Indianapolis for 4 days during December. The last time an inch or more of snow remained on the ground longer during December at Indianapolis was 2000.

Temperatures began to moderate on the 22nd. Because the snow had a light water equivalent, temperatures in the 40s on the 23rd and 24th melted most of the snow cover just before Christmas.

A Christmas storm provided both rain and snow for the central Indiana. Rain of ¾ to nearly 1 ½ inches fell in much of central and southern Indiana early on Christmas. That afternoon colder temperatures changed the rain to snow and snow of 1 to 3 inches fell in much of northern and central Indiana.

Lowland flooding developed along portions of the Wabash and East Fork White Rivers as a result of the Christmas rain. Quick moving weather systems brought light rain to Indiana every few days through the remainder of the year and into the New Year. This kept rivers and streams at or above bankfull levels into January.

After the 22nd, temperatures generally remained above freezing. The warmest temperatures of the month occurred on the 27th and 28th as temperatures reached into the mid to upper 50s.

Because of the extremely cold temperatures during the first three weeks of December, river ice formed. The Christmas rain and warmer temperatures dislodged this ice. Minor ice jams occurred on small streams in north central Indiana. Ice jam flooding was not reported in the Indianapolis HSA.

December ended with virtually no snow cover, saturated ground and rivers at or slightly above bankfull levels.

For December the monthly average temperature ranged from 4 to 5 degrees below normal for much of central and southern Indiana. The warmest day for the HSA was 27th or 28th when temperatures reached into the low to middle 50s. The coldest temperatures occurred on the 9th or 19th as readings

fell to near zero. Minimum temperatures fell below 33 degrees on 23 to 27 days and remained below 33 degrees on 10 to 18 days. Northern portions of the HSA fell below zero on 1 or 2 days.

Monthly snowfall was above normal in much of central and northern Indiana. Snowfall ranged from around 2 inches to more than 14 inches. Much of central Indiana received 6 to 10 inches of snow during December. For Indianapolis, this was the snowiest December since 2000. Snowfall in southern Indiana was a sharp contrast from the record snow amounts received during December 2004.

Monthly melted precipitation ranged from around 3/4 to nearly 3 ½ inches in the HSA. Much of the HSA received 1 to 2 1/2 inches. Monthly totals varied from below normal in the northern portions to near normal in central and southern portions of the HSA.

Rainfall of an inch or more fell during Christmas in many central and southern Indiana areas. Measurable melted precipitation fell on 10 to 14 days during the month.

NWS Form E-3 U.S. Department of Commerce Hydrologic Service Area
NOAA, National Weather Service Indianapolis, Indiana
1/10/2006 Flood Stage Report December 2005

Stream and Location	Flood Stage	Above Flood Stage From	Time	To	Crest Stage	Crest Date	Time
Big Blue River.....							
Carthage IN.	7.0				4.27	12/29	0815
Shelbyville IN.	11.0				9.00	12/29	1815
Shelbyville IN.	11.0				9.12	1/03	1545
Blue River.....							
Fredericksburg IN.	20.0				7.02	1/02	0530
White Cloud IN.					6.36	1/03	1715

Brush Creek.....
Nebraska IN. 4.74
1/02 2000

Buck Creek.....
Acton IN. 9.0 6.86
12/26 0200

Buck Creek (South).....
New Middletown IN. 12.0 4.97
1/02 1915

Cicero Creek.....
Arcadia IN. 6.87
12/29 0615

Crooked Creek.....
Speedway IN. 5.04
12/25 1515

Deer Creek.....
Delphi IN. ICE
12/26

East Fork White River.....
Columbus IN. 9.0 3.90
12/27 0530
Columbus IN. 9.0 3.58
12/30 0630
Columbus IN. 9.0 3.98
1/04 0330
Rockford IN. 12.0 12/27 1300 12/28 12.31
12/28 0200
Rockford IN. 12.0 12/30 0400 12/31 12.39
12/30 2200
Rockford IN. 12.0 1/03 0645 1/06 13.35
1/04 1600
Rivervale IN. 20.0 16.31
1/07 0700
Williams IN. 8.0 5.40
1/07 0700
Shoals IN. 20.0 8.92
1/07 2100

East Fork Whitewater River.....
Abington IN. 12.0 6.11
12/29 1230

Eel River (North).....
North Manchester IN. 7.0 6.81
12/29 0630
Adamsboro IN. 10.0 5.46
12/29 2100

Embarras River.....
Carmargo IL. 12.0 7.60
12/30 0015

	Lawrenceville IL.	29.0	21.52
1/03	2245		
	Fall Creek.....		
	Fortville IN.	8.0	5.38
12/29	1800		
	Millersville IN.	9.0	6.15
12/30	0330		

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Fall Creek.....							
Millersville IN.	9.0				6.16	1/03	1830
Flatrock River.....							
St. Paul IN.	6.0				3.91	1/03	0845
Columbus IN.					9.16	1/03	2015
Indian-Kentuck Creek.....							
Canaan IN.					5.52	1/02	2145
Leary-Weber Ditch.....							
Mohawk IN.					4.35	12/25	1515
Mohawk IN.					4.39	1/03	0045
Little Buck Creek.....							
Indianapolis IN.					4.67	12/25	1615
Little River.....							
Huntington IN.	15.0		ICE		10.15	12/27	0200
Huntington IN.	15.0				10.38	12/29	1200
Mill Creek.....							
Cataract IN.	15.0				11.60	12/26	0400
Mississinewa River.....							
Ridgeville IN.	11.0				11.27	12/29	1300
Marion 2N IN.	10.0		ICE		7.31	12/26	1100
Marion 2N IN.	10.0				8.27	12/29	2000
Muscatatuck River.....							
Deputy IN.	15.0				12.64	1/03	1000

	Vernon 1SW IN.	17.0		9.15
1/03	0330			
	Wheeler Hollow IN.	16.0		17.40
1/07	0900			
	Patoka River.....			
	Jasper IN.	14.0		10.70
1/03	0500			
	Winslow IN.			15.88
1/04	2215			
	Princeton IN.	18.0		9.70
1/05	0500			
	Pipe Creek.....			
	Frankton IN.	12.0		9.05
12/29	2200			
	Plum Creek.....			
	Bainbridge IN.			2.65
12/25	1509			
	Salamonie River.....			
	Warren 2.4 NW IN.	12.0	ICE	12.16
12/26	0700			
	Warren 2.4 NW IN.	12.0		10.60
12/29	2000			
	Silver Creek.....			
	Sellersburg IN.	20.0		10.86
1/03	0400			

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Stony Creek.....							
Noblesville 1SE IN.	6.0				3.91	12/29	1130
Sugar Creek.....							
Crawfordsville IN.	8.0		ICE		3.56	12/26	1100
Sugar Creek (South).....							
New Palestine IN.	8.0				5.78	12/26	2200
Edinburgh IN.	10.0				8.93	12/26	1700
Vermilion River.....							
Danville IL.	18.0				7.91	12/29	1800
Wabash River.....							
Linn Grove IN.	11.0				11.07	12/31	0200
Bluffton IN.	10.0				11.98	12/31	1200
Wabash IN.	12.0				12.28	12/29	2300
Wabash IN.	12.0				12.41	1/01	0200
Peru IN.	20.0				11.44	1/01	0300
Logansport IN.	17.0				8.91	1/01	0300
Lafayette IN.	11.0	12/29	0400		12.25	12/30	2000
Lafayette IN.	11.0			1/03	12.50	1/01	1600
Covington IN.	16.0	12/31	0200	1/03	16.43	1/02	0900
Montezuma IN.	14.0	12/30	1900	1/04	14.86	1/03	0600
Terre Haute IN.	14.0				13.07	1/03	1200
Hutsonville IL.	16.0	1/03	1600	1/04	16.00	1/03	1600
Riverton IN.	15.0				14.46	1/04	1000

	Red Skelton Bridge IN.	17.5	13.15
1/04 2100			
	Vincennes IN.	16.0	11.80
1/05 0700			
	Mount Carmel IL.	19.0	14.21
1/05 1500			
	New Harmony IN.	15.0	10.95
1/06 0200			
	White Lick Creek.....		
	Mooresville IN.	17.0	11.58
12/26 0200			
	White River.....		
	Muncie IN.	9.0	7.86
12/30 001			
	Anderson 10th St. IN.	10.0	8.75
12/30 0600			
	Anderson Raible Ave. IN.	10.0	8.67
12/30 0800			
	Noblesville IN.	14.0	11.58
12/30 0630			
	Nora IN.	11.0	8.91
12/30 0945			
	Broad Ripple Dam IN.	6.0	5.39
12/31 0030			
	IUPUI at Michigan St IN.		10.88
12/30 1415			
	Indpls Raymond St. IN.	16.0	9.18
12/30 1015			
	Stout Power Plant IN.	10.0	6.57
12/30 1300			
	Centerton 1S IN.	12.0	8.78
12/31 1200			
	Spencer IN.	14.0	13.10
1/01 1000			
	Worthington IN.	18.0	17.08
1/01 0800			
	Elliston IN.	18.0	17.70
1/01 0800			
	Newberry IN.	13.0	11.78
1/02 0001			
	Edwardsport IN.	15.0	14.60
1/03 0700			
	Petersburg Power Plt IN.	16.0	14.09
1/04 1415			

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White River.....							
Petersburg IN.	16.0				14.42	1/04	1400
Whitewater River.....							
Economy IN.					5.69	12/29	0430
Alpine IN.	14.0				13.24	12/29	1700
Brookville IN.	20.0				7.68	1/03	0300
Wildcat Creek.....							
Jerome 1 SE IN.			ICE			12/26	
Jerome 1 SE IN.					6.85	12/29	1115
Kokomo IN.	10.0				6.11	12/29	1715
Lafayette IN.	10.0				5.92	12/29	2100
Youngs Creek.....							
Amity IN.	7.0				6.04	12/26	0515

It is necessary to E-mail the following people:

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