



# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### INDIANA, South Central

<b>INZ079</b>	<b>Jefferson</b>								
	<b>01</b>	<b>0400EST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
	<b>03</b>	<b>0700EST</b>							
	Minor flooding occurred along the Muscatatuck river at Deputy as the gauge crested at 23.4 feet (15 foot flood stage) at 8 am est March 2.								
<b>Harrison County</b>	<b>Countywide</b>								
	<b>01</b>	<b>0630EST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
		<b>1000EST</b>							
	Widespread flash flooding around the county. Numerous roads under water and closed.								
<b>Perry County</b>	<b>Countywide</b>								
	<b>01</b>	<b>1015EST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
		<b>1415EST</b>							
	Several roads watered covered as reported by state police.								
<b>INZ089</b>	<b>Perry</b>								
	<b>01</b>	<b>1415EST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
		<b>1800EST</b>							
	Several roads water covered and closed. Rainfall totals were up to 4 to 8 inches for the day.								
<b>Clark County</b>	<b>Countywide</b>								
	<b>01</b>	<b>1730EST</b>			<b>1</b>	<b>0</b>			<b>Flash Flood</b>
	<b>02</b>	<b>0200EST</b>							
	Over 2 inches of rain fell on top of 4 to 8 inch totals in 24 hours causing widespread flash flooding with many roads water covered and closed. A 16 month old boy drowned as the car he was in filled with water as it stalled under a viaduct. M1W								
<b>Crawford County</b>	<b>Countywide</b>								
	<b>01</b>	<b>1730EST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
	<b>02</b>	<b>0200EST</b>							
	Over 2 inches of rain fell on top of 24 hour totals from 4 to 8 inches causing widespread flash flooding with many roads water covered and closed.								
<b>Floyd County</b>	<b>Countywide</b>								
	<b>01</b>	<b>1730EST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
	<b>02</b>	<b>0200EST</b>							
	Over 2 inches of rain fell on top of 4 to 8 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed.								
<b>Harrison County</b>	<b>Countywide</b>								
	<b>01</b>	<b>1730EST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
	<b>02</b>	<b>0200EST</b>							
	Over 2 inches of rain fell on top of 4 to 8 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed.								
<b>Perry County</b>	<b>Countywide</b>								
	<b>01</b>	<b>1800EST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
	<b>02</b>	<b>0200EST</b>							
	Over 2 inches of rain fell on top of 4 to 8 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed.								
<b>INZ077</b>	<b>Washington</b>								
	<b>02</b>	<b>0700EST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
		<b>1800EST</b>							
	The Blue river crested at Fredericksburg at 21.5 feet (flood stage is 20 feet) at 1 pm est March 2. Only minor flooding reported								
<b>INZ079-084-089&gt;092</b>	<b>Jefferson - Crawford - Perry - Harrison - Floyd - Clark</b>								
	<b>02</b>	<b>2300EST</b>			<b>0</b>	<b>0</b>	<b>60M</b>		<b>Flood</b>
	<b>15</b>	<b>1200EST</b>							
	Ohio River flooding. See narrative for north central Kentucky counties.								
<b>Clark County</b>	<b>Countywide</b>								
	<b>18</b>	<b>0830EST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>



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### INDIANA, South Central

**1200EST**

Around 2.5 inches of rain fell in around 6 hours causing numerous creeks to overflow their banks and a few roads water.

#### Washington County

Countywide

18	<b>0830EST</b>				0	0			<b>Flash Flood</b>
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Around 2.5 inches of rain fell in around 6 hours resulting in several creeks outflowing their banks with a few roads water covered

#### Harrison County

Countywide

18	<b>0830EST</b>				0	0			<b>Flash Flood</b>
----	----------------	--	--	--	---	---	--	--	--------------------

Around 2.5 inches of rain fell over about a 6 hour period resulting in several creeks outflowing their banks and a few roads water covered.

#### Orange County

Countywide

18	<b>0830EST</b>				0	0			<b>Flash Flood</b>
----	----------------	--	--	--	---	---	--	--	--------------------

Around 2.5 inches of rain fell in around 6 hours resulting in several creeks outflowing their banks with many roads water covered.

#### INZ079

**Jefferson**

18	<b>1700EST</b>				0	0			<b>Flood</b>
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Around 2.5 inches of rain fell in around 6 hours resulting in minor flooding along the Muscatatuck River in Deputy. The river crested at 17.4 feet (flood stage is 15 feet) at 10 am est March 18.

#### Harrison County

Sugar Grove

28	<b>1815EST</b>				0	0			<b>Hail(1.75)</b>
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Golf ball size hail reported by spotter.

#### Floyd County

New Albany

28	<b>1900EST</b>				0	0			<b>Hail(1.75)</b>
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Golf ball size hail reported by television meteorologist.

#### Orange County

3 E West Baden Spgs to  
West Baden Spgs

28	<b>1925EST</b>				0	0			<b>Thunderstorm Wind (50)</b>
----	----------------	--	--	--	---	---	--	--	-------------------------------

Several trees down along state road 150.

#### Dubois County

Huntingburg

28	<b>1930EST</b>				0	0			<b>Thunderstorm Wind (50)</b>
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Many trees down in Huntingburg due to thunderstorm winds.

#### Clark County

Jeffersonville

28	<b>1933EST</b>				0	0			<b>Hail(1.75)</b>
----	----------------	--	--	--	---	---	--	--	-------------------

Golf ball size hail reported by DES.

#### Harrison County

Countywide

28	<b>2030EST</b>				0	0			<b>Thunderstorm Wind (50)</b>
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Several trees down across the county.

#### Scott County

Blocher to  
1 E Blocher

28	<b>2045EST</b>		1	100	0	0			<b>Tornado (F1)</b>
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**2047EST**

#### Jefferson County

1 E Blocher to  
Madison

28	<b>2047EST</b>		9	100	0	0	200K		<b>Tornado (F1)</b>
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**2106EST**

An F1 tornado touched down just east of Blocher in Scott county and traveled around 10 miles to Madison. The tornado apparently skipped across mostly open country across central Jefferson county knocking down numerous trees. As it moved across the northern part of Madison, it heavily damaged 2 homes from Shun Pike to Audobun Pike. The tornado was spotted by state police as it



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### INDIANA, South Central

approached Madison.

### KENTUCKY, Central

#### **Butler County**

Countywide

01	0000EST 0330EST				0	0			<b>Flash Flood</b>
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Several roads water covered as reported by dispatch.

#### **Grayson County**

Countywide

01	0000EST 0330EST				0	0			<b>Flash Flood</b>
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Several roads water covered as reported by dispatch.

#### **KYZ037-042>043**

#### **Harrison - Bourbon - Nicholas**

01 07	0500EST 1900EST				1	0	8.4M		<b>Flood</b>
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Record flooding occurred all along the Licking River basin as 24 hour rainfall amounts beginning early March 1 totaled from 6 to 10 inches. Stoner Creek at Paris crested at a record 30.0 feet (flood stage is 18 feet) at 5 am est on March 2. The Licking River at Cynthiana crested at a record 28.0 feet (flood stage is 20 feet) at 530 pm est on March 2. The Licking River at Blue Licks Spring crested at a record 47.6 feet (flood stage is 25 feet) at 7 pm est on March 2. The towns of Blue Licks Spring, Cynthiana and Paris all received major flooding with many homes and businesses under water. All of these counties were declared federal disaster areas and received federal aid. A 66 year old man was found dead in his pickup truck by Hingston Creek in Millersburg. M66IW

#### **Warren County**

3 N Bowling Green

01	0526EST 0527EST	0.5	50		0	0			<b>Tornado (F0)</b>
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F0 tornado spotted by fire fighters along the Garrett Hollow Road. Tree damage reported

#### **Allen County**

Western Part

01	0530EST 0535EST				0	0			<b>Thunderstorm Wind (50)</b>
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Several trees and power lines down reported by dispatch in the western part of the county.

#### **Monroe County**

Bugtussle to  
Gamaliel

01	0536EST 0545EST	4	500		0	0	100K		<b>Tornado (F2)</b>
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An F2 tornado destroyed two homes and damaged several others. A few barns were also destroyed. Many trees and power lines also down. Several residents sighted the tornado that coincided with the doppler radar indicated mesocyclone position.

#### **Butler County**

Countywide

01	0600EST 0900EST				0	0			<b>Flash Flood</b>
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Rainfall totals of 3 to 5 inches in less than 12 hours caused widespread flash flooding with many roads water covered and some closed. Many mudslides were also observed across the county.

#### **Grayson County**

Countywide

01	0600EST 0900EST				0	0			<b>Flash Flood</b>
----	--------------------	--	--	--	---	---	--	--	--------------------

3 to 5 inches of rain in less than 12 hours caused widespread flash flooding with many roads water covered.

#### **Logan County**

Countywide

01	0600EST 0900EST				0	0			<b>Flash Flood</b>
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3 to 5 inches of rain in less than 12 hours caused widespread flash flooding across the county with numerous roads water covered



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### KENTUCKY, Central

#### Edmonson County

Countywide	01	0600EST 0900EST			0	0			<b>Flash Flood</b>
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3 to 5 inches of rain in less than 12 hours caused widespread flash flooding with many roads water covered.

#### Simpson County

Countywide	01	0600EST 0900EST			0	0			<b>Flash Flood</b>
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3 to 5 inches of rain in less than 12 hours has caused widespread flash flooding with many roads water covered.

#### Warren County

Countywide	01	0600EST 0900EST			0	0			<b>Flash Flood</b>
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3 to 5 inches of rain in less than 12 hours caused widespread flash flooding countywide with many streets water covered

#### KYZ030

##### Jefferson

01	0630EST				1	0	85M		<b>Flood</b>
03	1500EST								

Numerous strong thunderstorms training along a stalled out warm front triggered a record 24 hour rainfall for the county. The combination of flooding and/or flash flooding from the record rainfall resulted in an estimated 50,000 homes effected by flooding. Many of these homes had basements entirely flooded with water into the main floor. Damage was estimated at 65 million dollars not including the river flooding on the Ohio River. The Ford factory on Fern Valley Road had damage to up to 1,500 Explorers. 24 hour rainfall totals beginning around 930 pm est February 28 to 930 pm March 1 ranged from around 6 inches along the Ohio River to 11.5 inches across the communities of Okolona and Fairdale in the southern part of the county. The National Weather Service in Highview reported 9.6 inches during this period and 12.06 inches from the onset through 7 am est March 2. The previous record 24 hour total was 6.97 inches. An estimated 2,500 homes in numerous subdivisions in Okolona and Fairdale and across other parts of the county had to be evacuated with hundreds relocated in temporary shelters. Okolona and Fairdale lie in the Pond Creek floodplain which was formerly swamp land. National Guard had to get many of these people out by boat or dumptrucks. Thousands of cars were evacuated or stalled out due to the high waters. Numerous rescues were made with people trapped in cars and in houses. Bloated storm sewers popped off manhole covers that left cars quickly inundated in advancing high water. Several roads were closed around the Jefferson county Forest due to mudslides. A 16 year old boy was killed near Jeffersontown as his van was swept off the road by the swollen Chenoweth Creek. Numerous roads including parts of Interstate 65 and 64 were closed through the morning of March 2. Because of all the damage, the County-Judge Executive declared the county a state of emergency and the county was declared a federal disaster area eligible for federal aid.

M161W

#### Jefferson County

Countywide	01	0630EST 1000EST			0	0			<b>Flash Flood</b>
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Widespread flash flooding occurred across the county. See flood entry for Jefferson county.

#### Breckinridge County

Countywide	01	0630EST 1000EST			0	0			<b>Flash Flood</b>
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Widespread flash flooding countywide with numerous roads water covered including US 60 at Irvington and Highway 992, Heights Run and Corner's Road.

#### Bullitt County

Countywide	01	0630EST 1000EST			0	0			<b>Flash Flood</b>
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### KENTUCKY, Central

Widespread flash flooding across the county with numerous roads water covered

#### Henry County

##### Countywide

01	0800EST 1000EST				0	0			Flash Flood
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Widespread flash flooding across the county with numerous roads water covered

#### Anderson County

##### Countywide

01	0900EST 1130EST				0	0			Flash Flood
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Widespread flash flooding across the county with numerous roads water covered. Several county roads were closed.

#### Franklin County

##### Countywide

01	0900EST 1130EST				0	0			Flash Flood
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Widespread flash flooding across the county with numerous roads under water. Several roads closed in Frankfort and across the county.

#### Mercer County

##### Countywide

01	0900EST 1130EST				0	0			Flash Flood
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Widespread flash flooding across the county with numerous roads water covered. Several county roads were closed.

#### Woodford County

##### Countywide

01	0900EST 1130EST				0	0			Flash Flood
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Widespread flash flooding across the county with numerous roads under water and some closed. Some evacuations were made as Clear Creek ran over its banks.

#### Nelson County

##### Countywide

01	0900EST 1130EST				0	0			Flash Flood
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Widespread flash flooding across the county with numerous roads water covered. A bridge was washed out just north of the Salt River. Several county roads were closed.

#### Spencer County

##### Countywide

01	0900EST 1130EST				0	0			Flash Flood
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Widespread flash flooding across the county with numerous roads water covered.

#### Washington County

##### Countywide

01	0900EST 1130EST				0	0			Flash Flood
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Widespread flash flooding with numerous roads under water.

**KY2023>026-028>029-031-033>034**

**Hancock - Breckinridge - Meade - Ohio - Hardin - Bullitt - Oldham - Henry - Shelby**

01	1000EST				0	0	2.5M		Flood
03	1500EST								

Record 24 hour rainfall from early March 1 through early March 2 at most spots on the order of 6 to 12 inches caused widespread flooding with numerous roads water covered and closed and hundreds of rescues from cars trapped in water and people trapped in flooded homes. All of these counties were declared federal disaster areas and received federal aid. Damage estimates include flash flooding damage as well. Many homes and businesses were effected

#### Edmonson County

##### Countywide

01	1220EST 1240EST				0	0			Thunderstorm Wind (50)
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Numerous trees down countywide.

#### Washington County

5 NW Springfield to  
5 N Springfield

01	1259EST 1309EST	5	50		0	0	15K		Tornado (F0)
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### KENTUCKY, Central

An F0 tornado knocked down numerous trees mainly along Lincoln Park Road. A car was thrown into a guard rail there. Spotter reports coincided with doppler radar mesocyclone position.

**KYZ035>040-042>043-045>048 Franklin - Scott - Harrison - Spencer - Anderson - Woodford - Bourbon - Nicholas - Nelson - Washington - Mercer - Jessamine**

01	1400EST 1800EST				0	0			<b>Flood</b>
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Widespread flooding and/or flash flooding resulted from 4 to 9 inches of rainfall in less than 24 hours. Numerous roads were water covered and closed across these counties. Many homes and businesses were effected. All of these counties were declared federal disaster areas eligible for financial aid.

**KYZ027-061>063-070>072 Grayson - Butler - Edmonson - Hart - Logan - Warren - Simpson**

01	1500EST 1800EST				0	0	1.5M		<b>Flood</b>
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Widespread flooding and/or flash flooding occurred as a result of 4 to 8 inches of rainfall in less than 24 hours. Numerous roads were water covered and closed across these counties and many homes and businesses were effected. All of these counties were declared federal disaster areas eligible for financial aid. Damage estimates include flash flooding from early March 1 through early March 2.

### **Madison County**

**Countywide**

01	1500EST 1700EST				0	0			<b>Flash Flood</b>
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Street flooding reported in Richmond and Berea.

**KYZ053>056-064>067 Larue - Marion - Boyle - Garrard - Green - Taylor - Casey - Lincoln**

01	1530EST 2100EST				0	0	1M		<b>Flood</b>
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In between 3 and 8 inches of rain fell in less than 24 hours causing many streets across these counties to be under water. Larue, Casey and Taylor counties were given financial aid as they were declared disaster areas

### **Anderson County**

**Countywide**

01	1800EST				0	0			<b>Flash Flood</b>
02	0200EST								

1 to 2 inches of additional rainfall on top of the 6 to 10 inch 24 hour totals resulted in widespread flash flooding across the county. Numerous roads were closed and water covered.

### **Shelby County**

**Countywide**

01	1800EST				1	0	1.2M		<b>Flash Flood</b>
02	0200EST								

1 to 2 inches of rain fell on top of 24 hour totals from 6 to 10 inches resulting in widespread flash flooding with many roads water covered and closed and homes damaged. A 13 year old boy was killed as he drowned trying to clean out his culvert. M131W

### **Trimble County**

**Countywide**

01	1800EST				0	0			<b>Flash Flood</b>
02	0200EST								

1 to 2 inches of rain fell on top of 24 hour totals from 6 to 10 inches resulting in widespread flash flooding with many roads water covered and closed.

### **Henry County**

**Countywide**

01	1800EST				0	0			<b>Flash Flood</b>
02	0200EST								

1 to 2 inches of rain fell on top of 6 to 10 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed.

### **Bourbon County**

**Countywide**

01	1800EST				0	0			<b>Flash Flood</b>
02	0200EST								

1 to 2 inches of rain falling on top of 3 to 7 inch totals in less than 24 hours caused widespread flash flooding with many streets closed and evacuations.



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### KENTUCKY, Central

#### Boyle County

Countywide	01	1800EST			0	0			<b>Flash Flood</b>
	02	0200EST							

1 to 2 inches of rain falling on top of 3 to 7 inch totals in less than 24 hours caused widespread flash flooding with many roads closed and evacuations.

#### Adair County

Countywide	01	1800EST			0	0			<b>Flash Flood</b>
	02	0200EST							

1 to 2 inches of rain falling on top of 3 to 7 inch 24 hour totals resulting in widespread flash flooding with many streets closed and evacuations.

#### Allen County

Countywide	01	1800EST			0	0			<b>Flash Flood</b>
	02	0200EST							

1 to 2 inches of rain on top of 3 to 7 inch less than 24 hour totals resulted in widespread flash flooding with many roads closed and evacuations.

#### Barren County

Countywide	01	1800EST			0	0			<b>Flash Flood</b>
	02	0200EST							

1 to 2 inch rains on top of 4 to 8 inch less than 24 hour totals resulted in widespread flash flooding with many roads closed, evacuations and rescues.

#### Butler County

Countywide	01	1800EST			0	0			<b>Flash Flood</b>
	02	0200EST							

1 to 2 inches of rain fell on top of 3 to 7 inch less than 24 hour totals causing widespread flash flooding with roads closed and evacuations.

#### Casey County

Countywide	01	1800EST			0	0			<b>Flash Flood</b>
	02	0200EST							

1 to 2 inches of rain fell on top of 2 to 6 inch less than 24 hour totals causing widespread flash flooding with many roads closed and evacuations.

**KYZ027-032-035-037>038-040>041-046-048>049-053>054-056>057-062>065-067-070>071-081>082** - Grayson - Trimble - Franklin - Harrison - Spencer - Woodford - Fayette - Washington - Jessamine - Clark - Larue - Marion - Garrard - Madison - Edmonson - Hart - Green - Taylor - Lincoln - Logan - Warren - Cumberland - Clinton

	01	1800EST			0	0	5.1M		<b>Flood</b>
	02	2100EST							

4 to 9 inches of rain fell in less than 24 hours causing widespread flooding and/or flash flooding resulting in numerous water covered and closed roads, evacuations and rescues. Most of these counties were declared disaster areas and given federal assistance. The exceptions were Clinton, Cumberland, Garrard, Green, Lincoln, Madison and Marion. Many homes and businesses were effected during the flooding and flash flooding. Damage amounts include flooding and flash flooding totals over the 2 day period.

#### Mercer County

Countywide	01	1800EST			0	0			<b>Flash Flood</b>
	02	0200EST							

1 to 2 inches of rain falling on top of 3 to 7 inch totals in less than 24 hours caused widespread flash flooding across the county with many roads water covered and closed.

#### Nicholas County

Countywide	01	1800EST			0	0			<b>Flash Flood</b>
	02	0200EST							

1 to 2 inches of rain that fell on top of 3 to 7 inches in less than 24 hours resulted in widespread flash flooding with many roads water covered and closed.



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### KENTUCKY, Central

#### Scott County

Countywide

<b>01</b>	<b>1800EST</b>				<b>0</b>	<b>0</b>	<b>1.8M</b>		<b>Flash Flood</b>
<b>02</b>	<b>0200EST</b>								

1 to 2 inch rain fell on top of 3 to 7 inch totals in less than 24 hours resulted in widespread flash flooding with many roads water covered and closed. Scott county was declared a disaster area. Damage totals include all the flooding and flash flooding from March 1-March 2.

#### Nelson County

Countywide

<b>01</b>	<b>1800EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
<b>02</b>	<b>0200EST</b>								

1 to 2 inches of rain fell on top of 6 to 10 inch 24 hour totals resulting in widespread flash flooding causing many roads to be water covered and closed.

#### Oldham County

Countywide

<b>01</b>	<b>1800EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
<b>02</b>	<b>0200EST</b>								

1 to 2 inches of rain fell on top of 6 to 10 inch totals in less than 24 hours resulting in widespread flash flooding with many roads under water and closed.

#### Metcalf County

Countywide

<b>01</b>	<b>1800EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
<b>02</b>	<b>0200EST</b>								

1 to 2 inches of rain fell on top of 3 to 7 inch totals in less than 24 hours resulting in widespread flash flooding with many roads under water and closed.

#### Monroe County

Countywide

<b>01</b>	<b>1800EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
	<b>2100EST</b>								

1 to 2 inches of rain fell on top of 3 to 7 inch totals in less than 24 hours resulting in widespread flash flooding with many roads water covered and closed.

#### Russell County

Countywide

<b>01</b>	<b>1800EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
	<b>2100EST</b>								

1 to 2 inch rain fell on top of 3 to 7 inch totals in less than 24 hours resulting in widespread flash flooding with many roads water covered and closed.

#### Simpson County

Countywide

<b>01</b>	<b>1800EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
<b>02</b>	<b>0200EST</b>								

1 to 2 inch rain fell on top of 3 to 7 inch totals in less than 24 hours resulting in widespread flash flooding with many roads under water and closed.

#### Breckinridge County

Countywide

<b>01</b>	<b>1800EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
<b>02</b>	<b>0200EST</b>								

Over 2 inches of rain on top of 24 hour totals from 6 to 10 inches resulted in widespread flash flooding with many roads water covered and closed.

#### Ohio County

Countywide

<b>01</b>	<b>1800EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
<b>02</b>	<b>0200EST</b>								

Over 2 inches of rain fell on top of 24 hour totals from 6 to 10 inches resulting in widespread flash flooding with many roads water covered and closed.

#### Franklin County

Countywide

<b>01</b>	<b>2100EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
<b>02</b>	<b>0200EST</b>								

1 to 2 inches of additional rainfall on top of 6 to 10 inch 24 hour totals lead to widespread flash flooding with many roads water covered and closed.

#### Larue County

Countywide

<b>01</b>	<b>2100EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
<b>02</b>	<b>0200EST</b>								



# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### KENTUCKY, Central

1 to 2 inches of rain fell on top of 24 hour 6 to 10 inch totals resulting in widespread flash flooding across the county with many roads water covered and closed.

#### **Spencer County**

##### **Countywide**

**01 2100EST**  
**02 0200EST**

**0 0**

**Flash Flood**

1 to 2 inches of rain fell on top of 24 hour 6 to 10 inch totals resulting in widespread flash flooding with many roads water covered and closed.

#### **Meade County**

##### **Countywide**

**01 2100EST**  
**02 0200EST**

**0 0**

**Flash Flood**

Over 2 inches of rain fell on top of 24 hour totals from 6 to 10 inches resulting in widespread flash flooding with many roads water covered and closed.

#### **Hancock County**

##### **Countywide**

**01 2100EST**  
**02 0200EST**

**0 0**

**Flash Flood**

Over 2 inches of rain fell on top of 24 hour totals from 6 to 10 inches resulting in widespread flash flooding with many roads water covered and closed.

#### **Hardin County**

##### **Countywide**

**01 2100EST**  
**02 0200EST**

**0 0**

**Flash Flood**

Over 2 inches of rain fell on top of 24 hour totals of 4 to 8 inches resulting in widespread flash flooding with many roads under water and closed.

#### **Grayson County**

##### **Countywide**

**01 2100EST**  
**02 0200EST**

**0 0**

**Flash Flood**

Over 2 inches of rain fell on top of 6 to 10 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed.

#### **Edmonson County**

##### **Countywide**

**01 2100EST**  
**02 0200EST**

**0 0**

**Flash Flood**

1 to 2 inches of rain fell on top of 6 to 10 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed.

#### **Green County**

##### **Countywide**

**01 2100EST**  
**02 0200EST**

**0 0**

**Flash Flood**

Over 2 inches of rain fell on top of 4 to 8 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed.

#### **Hart County**

##### **Countywide**

**01 2100EST**  
**02 0200EST**

**0 0**

**Flash Flood**

Over 2 inches of rain fell on top of 24 hour totals from 4 to 8 inches which resulted in widespread flash flooding with many roads water covered and closed.

#### **Logan County**

##### **Countywide**

**01 2100EST**  
**02 0200EST**

**0 0**

**Flash Flood**

Over 2 inches of rain on top of 4 to 8 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed.

#### **Warren County**

##### **Countywide**

**01 2100EST**  
**02 0200EST**

**1 0**

**Flash Flood**

Over 2 inches of rain fell on top of 4 to 8 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed. A 33 year old woman drowned as her minivan was swept into the Barren River. Several rescues were also made from cars trying to navigate flooded roadways. F33IW



# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### KENTUCKY, Central

#### Jessamine County

Countywide	01	2100EST			0	0			Flash Flood
	02	0200EST							

Over 2 inches of rain fell on top of 3 to 7 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed.

#### Fayette County

Countywide	01	2100EST			0	0	1.1M		Flash Flood
	02	0200EST							

Over 2 inches of rain fell on top of 3 to 7 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed. Fayette county was declared a disaster area. Damage totals include all flooding and flash flooding from March 1-March 2.

#### Harrison County

Countywide	01	2100EST			0	0			Flash Flood
	02	0200EST							

Over 2 inches of rain fell on top of 3 to 7 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed.

#### Woodford County

Countywide	01	2100EST			0	0			Flash Flood
	02	0200EST							

Over 2 inches of rain fell on top of 24 hour 3 to 7 inch totals resulting in widespread flash flooding with many roads water covered and closed.

#### Washington County

Countywide	01	2100EST			0	0			Flash Flood
	02	0200EST							

Over 2 inches of rain fell on top of 24 hour 3 to 7 inch totals resulting in widespread flash flooding with many roads water covered and closed.

#### Marion County

Countywide	01	2100EST			0	0			Flash Flood
	02	0200EST							

Over 2 inches of rain fell on top of 3 to 7 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed.

#### Taylor County

Countywide	01	2100EST			0	0			Flash Flood
	02	0200EST							

Over 2 inches of rain fell on top of 3 to 7 inch 24 hour totals resulting in widespread flash flooding with many roads water covered and closed.

#### Hart County

Hardyville	01	2300EST 2301EST	0.5	50	0	0	85K		Tornado (F1)
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Spotters reported an F1 tornado near Hardyville. \$75,000 of damage were done to a farm. 2 barns and a silo destroyed. 1 house and a mobile home also received minor damage. Tree damage along U.S. 31E.

#### KYZ028>029-045

##### Hardin - Bullitt - Nelson

	01	2300EST			0	0	28.5M		Flood
	11	1900EST							

Record rainfall amounts from late evening Friday February 28 to the morning of Sunday March 2 lead to major flooding along the Salt River basin including the Rolling Fork. The Salt River at Sheperdsville reached the 32 foot flood stage just after 1 am est Sunday March 2 and crested at 40.9 feet at 1 pm est on Monday March 3. This was the worst flooding here since March 1964. The Rolling Fork at Boston reached the 35 foot flood stage at 11 pm est Saturday March 1 and crested at a record level of 53.2 feet at 1 pm est Monday March 3. This major flooding caused the most of the towns of Boston, Lebanon Junction and Sheperdsville to be underwater with water up to the rooftops in spots. Downtown Sheperdsville was 90 percent under water and forced 1,000 people to be evacuated by boat. New Haven was also mostly under water. The town of West Point in northern Hardin county was also buried under water to the roof tops in many spots due to the effects of both the Salt River and the Ohio River as West Point is located at the confluence of the Ohio and Salt Rivers. Damage estimates for Hardin county include flooding attributed to the Ohio River. All these towns were evacuated. All these counties were eligible for federal disaster aid. The damage includes the flooding and flash flooding



# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### KENTUCKY, Central

of March 1 through March 2.

#### **KYZ077**

##### **Adair**

<b>01</b>	<b>2300EST</b>								
<b>02</b>	<b>0600EST</b>				<b>0</b>	<b>0</b>			<b>Flood</b>

Russell Creek at Columbia in the Green River basin crested at 18.8 feet (flood stage is 16 feet) at 12 am est March 2. This caused minor flooding at Columbia.

#### **KYZ061>063**

##### **Butler - Edmonson - Hart**

<b>01</b>	<b>2300EST</b>								
<b>16</b>	<b>2300EST</b>				<b>0</b>	<b>0</b>	<b>3M</b>		<b>Flood</b>

The Green River crested at 30.7 feet at Rochester at 1000 am est on March 7 (flood stage is 17 feet). This is the second biggest flood next to January 1950. Many homes were flooded out in Rochester and Woodberry along the river. In Woodberry, the river crested at 48.9 feet (flood stage is 33 feet) at 11 am est March 5. At Brownsville, the river crested at 33.8 feet (flood stage is 18 feet) at 4 pm est on March 5. This caused mainly bottomland flooding. At Munfordville, the river crested at 43.9 feet at 10 pm est March 3 (flood stage is 28 feet). This caused significant bottomland flooding. 25 families were cut off by the water there. These three counties received federal disaster aid.

#### **Logan County**

##### **Russellville**

<b>01</b>	<b>2310EST</b>								
					<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (50)</b>

Trees down at the intersection of Kentucky 431 South and highway 96. Report from state police

#### **Bullitt County**

##### **Countywide**

<b>01</b>	<b>2355EST</b>								
<b>02</b>	<b>0200EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>

1 to 2 inches of rainfall on top of 6 to 10 inch 24 hour totals lead to widespread flash flooding across the county with many roads water covered and closed.

#### **Jefferson County**

##### **Countywide**

<b>01</b>	<b>2355EST</b>								
<b>02</b>	<b>0200EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>

1 to 2 inches of rain fell on top of 6 to 10 inch 24 hour totals resulting in widespread flash flooding across the county with many roads water covered and closed.

#### **Oldham County**

##### **Countywide**

<b>01</b>	<b>2355EST</b>								
<b>02</b>	<b>0200EST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>

1 to 2 inches of rain fell on top of 24 hour 6 to 10 inch totals resulting in widespread flash flooding with many roads water covered and closed.

#### **Allen County**

##### **Countywide**

<b>02</b>	<b>0000EST</b>								
	<b>0010EST</b>				<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (50)</b>

Power lines down relayed by KBKO-TV in Bowling Green.

#### **Barren County**

##### **Glasgow**

<b>02</b>	<b>0000EST</b>								
					<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (60)</b>

Chairs reported flying through the air by state police. Numerous trees down and power lines. 75 percent of the city was left without power.

#### **Boyle County**

##### **Danville**

<b>02</b>	<b>0000EST</b>								
	<b>0010EST</b>				<b>0</b>	<b>0</b>	<b>50K</b>		<b>Thunderstorm Wind (60)</b>

2 businesses and 2 mobile homes had roofs blown off in the southeastern part of Danville. The structures also recieved further minor damage. Many barns were also flattened, and numerous trees were downed. Also, in the western part of the county, a church had



# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### KENTUCKY, Central

eextensive damage estimated at \$20,000, and many trees were down there also. Most of the damage in the western part of the county was along highway 68.

#### **Green County**

##### **Pierce**

02	0010EST				0	0			<b>Hail(0.75)</b>
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Dime size hail reported by dispatch.

#### **Adair County**

##### **Western Parts**

02	0025EST 0035EST				0	0	10K		<b>Thunderstorm Wind (60)</b>
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Several roofs blown off houses across western parts of the county. Also, numerous downed power lines and trees. Report from county dispatch.

#### **Metcalfe County**

##### **Center**

02	0025EST		0.1	50	0	0			<b>Tornado (F0)</b>
----	---------	--	-----	----	---	---	--	--	---------------------

A spotter reported a brief tornado touchdown near Center. Several trees and power lines down.

#### **Metcalfe County**

##### **Edmonton**

02	0030EST				0	0			<b>Hail(0.75)</b>
----	---------	--	--	--	---	---	--	--	-------------------

Dime size hail report relayed from WBKO-TV in Bowling Green.

#### **Russell County**

##### **Countywide**

02	0030EST 0130EST				0	0			<b>Flash Flood</b>
----	--------------------	--	--	--	---	---	--	--	--------------------

1 to 2 inches of rain on top off already saturated ground caused widespread flash flooding across the county

#### **Clark County**

##### **Countywide**

02	0030EST 0200EST				0	0			<b>Flash Flood</b>
----	--------------------	--	--	--	---	---	--	--	--------------------

1 to 2 inches of rain falling on already saturated ground caused widespread flash flooding across the county with many roads water covered.

#### **Garrard County**

##### **Countywide**

02	0030EST 0200EST				0	0			<b>Flash Flood</b>
----	--------------------	--	--	--	---	---	--	--	--------------------

1 to 2 inches of rain over already saturated ground caused widespread flash flooding across the county with many roads water covered.

#### **Madison County**

##### **Countywide**

02	0030EST 0200EST				0	0			<b>Flash Flood</b>
----	--------------------	--	--	--	---	---	--	--	--------------------

1 to 2 inches of rain fell over already saturated ground causing widespread flash flooding with many roads water covered

#### **Casey County**

##### **Countywide**

02	0030EST 0200EST				0	0			<b>Flash Flood</b>
----	--------------------	--	--	--	---	---	--	--	--------------------

1 to 2 inches of rain fell on already saturated ground causing widespread flash flooding with many roads water covered

#### **Lincoln County**

##### **Countywide**

02	0030EST 0200EST				0	0			<b>Flash Flood</b>
----	--------------------	--	--	--	---	---	--	--	--------------------

1 to 2 inches of rain fell on already saturated ground causing widespread flash flooding with many roads water covered

#### **Casey County**

##### **Liberty**

02	0039EST 0045EST				0	0	10K		<b>Thunderstorm Wind (60)</b>
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Roof blown off business in Liberty. Numerous trees down across east and south parts of the county.

#### **Russell County**

##### **Russell Spgs**

02	0055EST				0	0			<b>Thunderstorm Wind (50)</b>
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# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### KENTUCKY, Central

Trees down just north of Russell Springs.

**KYZ033-035-039>040-047>049-056>057**

**Henry - Franklin - Anderson - Woodford - Mercer - Jessamine - Clark - Garrard - Madison**

<b>02</b>	<b>0200EST</b>								
<b>09</b>	<b>0400EST</b>			<b>1</b>	<b>0</b>	<b>9.8M</b>			<b>Flood</b>

Record to near record rainfall from early March 1 through March 2 caused the highest flooding on the Kentucky River at Frankfort since 1937 with the river cresting at 45.2 feet at 1 pm est March 3 (flood stage is 31 feet). Meanwhile, further south where rain totals were not as high, the flooding was only minor. The river at Highbridge crested at 37.4 feet at 7 pm est March 2 (flood stage is 30 feet). At Ford, the river only reached 27.1 feet at 8 pm est March 5 (flood stage is 26 feet). Numerous rescues were made during both the flash flooding and the flooding along the Kentucky River. The flooding was particularly bad along Elkhorn Creek in Franklin county where many two-story houses had water up to the second floor and at least 75 rescues were made. A 50 year old man was killed around 9 am est March 2 as he attempted to cross a flooded road. His car was swept into Elkhorn Creek, a tributary of the Kentucky River, and he drowned as he attempted to swim for safety. The town of Burgin in southeastern Mercer county also had many homes with water coming in. Damage amounts also include flooding and flash flooding damage from March 1 through March 2. M50IW

**KYZ026**

**Ohio**

<b>02</b>	<b>0500EST</b>								
<b>06</b>	<b>1200EST</b>			<b>0</b>	<b>0</b>				<b>Flood</b>

The Rough River at Dundee crested at 30.2 feet (flood stage is 25 feet) at 7 pm est March 2. This is second only to the flooding of 1937.

**KYZ071**

**Warren**

<b>02</b>	<b>0500EST</b>								
<b>04</b>	<b>0600EST</b>			<b>0</b>	<b>0</b>				<b>Flood</b>

The Barren River crested at 34.9 feet (flood stage is 28 feet) at 7 am est March 3. This caused moderate flooding with a few houses seeing basement flooding.

**KYZ071**

**Warren**

<b>02</b>	<b>0500EST</b>								
<b>04</b>	<b>0400EST</b>			<b>0</b>	<b>0</b>				<b>Flood</b>

Drake Creek at Alvation in the Green River basin crested at 29.9 feet (flood stage is 22 feet) at 6 pm est on March 2. This caused some minor flooding.

**KYZ023>025-028-030>032 Hancock - Breckinridge - Meade - Hardin - Jefferson - Oldham - Trimble**

<b>02</b>	<b>2300EST</b>								
<b>15</b>	<b>1200EST</b>			<b>1</b>	<b>0</b>	<b>125M</b>			<b>Flood</b>

Record rainfalls from late Friday evening February 28 through Sunday morning March 2 and additional heavy rainfall on Tuesday March 4 caused the worst flooding on the Ohio River since 1964 and in some spots since 1937. Damage attributed to river flooding alone was at 115 million across Jefferson county Kentucky bringing the total damage across the county to 200 million including the earlier flash flooding and flooding. McAlpine Lock at Louisville climbed over flood stage late Sunday evening March 2 and crested at 38.8 feet on the upper gauge (flood stage is 23 feet) at 5 am est March 7 and on the lower gauge at 70.6 feet (flood stage is 55 feet) at 6 pm est on March 7. At other spots, at Clifty Creek, Indiana, the river crested at 460.9 feet (flood stage is 450 feet) at 7 am est March 7. At Cannelton, Indiana, the river crested at a record 52.3 feet (flood stage is 42 feet) at 2 am est on March 8. At Tell City, the river crested at 50.4 (flood stage is 38.0 feet) feet at 5 am est March 8.

Some of the hardest hit communities were Louisville, West Point in Hardin county, Milton in Trimble county, Westport in Oldham county and Utica and Jeffersonville in Clark county Indiana. Among other things seen floating down the fast current of the river were houses and tractor trailers. A 39 year old man was found floating down the river near West Point. Barge traffic was brought to a stand still all along the river from Monday March 3. 29 miles of flood walls were installed around the Louisville metro area making it appear as a fortress.

West Point is a town of 1,300 located at the confluence of the Ohio River and the Salt River. The Salt River reached the 32 foot flood stage just after 1 am est on Sunday March 2. It then crested at 40.9 feet at 1 pm est Monday March 3. The whole town of West Point was evacuated after becoming an island covered by water up to the roof tops in spots. The towns of Milton, Utica and Westport also saw the Ohio River cover them with at least knee-deep water from the Ohio.





# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons	Estimated Damage	Character of Storm
					Killed	Injured	Property Crops

### KENTUCKY, Central

#### Mercer County

Countywide	05	0900EST 1630EST			0	0	<b>Flash Flood</b>
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1 to 2 inches of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered

#### Fayette County

Countywide	05	0900EST 1200EST			0	0	<b>Flash Flood</b>
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Around 1 inch of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered

#### Lincoln County

Countywide	05	0900EST 1200EST			0	0	<b>Flash Flood</b>
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Around 1 inch of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered

#### Woodford County

Countywide	05	0900EST 1200EST			0	0	<b>Flash Flood</b>
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Around 1 inch of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered

#### Bourbon County

Countywide	05	1000EST 1200EST			0	0	<b>Flash Flood</b>
------------	----	--------------------	--	--	---	---	--------------------

Around 1 inch of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered

#### Clark County

Countywide	05	1000EST 1200EST			0	0	<b>Flash Flood</b>
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Around 1 inch of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered

#### Madison County

Countywide	05	1000EST 1200EST			0	0	<b>Flash Flood</b>
------------	----	--------------------	--	--	---	---	--------------------

Around 1 inch of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered

#### Adair County

Countywide	05	1000EST 1500EST			0	0	<b>Flash Flood</b>
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1 to 3 inches of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered

#### Allen County

Countywide	05	1000EST 1500EST			0	0	<b>Flash Flood</b>
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1 to 3 inches of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered

#### Metcalfe County

Countywide	05	1000EST 1500EST			0	0	<b>Flash Flood</b>
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1 to 3 inches of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered

#### Barren County

Countywide	05	1000EST 1500EST			0	0	<b>Flash Flood</b>
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# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### KENTUCKY, Central

1 to 3 inches of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered									
<b>Edmonson County</b>									
Countywide	05	1230EST 1500EST			0	0			<b>Flash Flood</b>
1 to 3 inches of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered									
<b>Green County</b>									
Countywide	05	1230EST 1500EST			0	0			<b>Flash Flood</b>
1 to 3 inches of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered									
<b>Hart County</b>									
Countywide	05	1230EST 1500EST			0	0			<b>Flash Flood</b>
1 to 3 inches of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered									
<b>Monroe County</b>									
Countywide	05	1230EST 1500EST			0	0			<b>Flash Flood</b>
1 to 3 inches of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered									
<b>Taylor County</b>									
Countywide	05	1230EST 1500EST			0	0			<b>Flash Flood</b>
1 to 3 inches of rain fell on top of already saturated grounds leading to widespread flash flooding with many roads water covered									
<b>Jefferson County</b>									
Countywide	18	0830EST 1200EST			0	0			<b>Flash Flood</b>
Around 2.5 inches of rain fell over a 6 hour period resulting in several creeks overflowing their banks and a few roads water covered									
<b>Oldham County</b>									
Countywide	18	0830EST 1200EST			0	0			<b>Flash Flood</b>
Around 2.5 inches of rain fell in around 6 hours resulting in several creeks overflowing their banks and a few roads water covered.									
<b>Logan County</b>									
Countywide	18	1230EST 1530EST			0	0			<b>Flash Flood</b>
Around 2.5 inches of rain fell in around 6 hours resulting in several creeks overflowing their banks and several roads water covered. Highway 79 North and the Emerson Bypass in Emerson City were impassable.									
<b>Warren County</b>									
Countywide	18	1230EST 1530EST			0	0			<b>Flash Flood</b>
Around 2.5 inches of rain fell in around 6 hours causing many creeks to overflow their banks and many roads to become water covered.									
<b>KYZ061</b>									
<b>Butler</b>									
Countywide	18 29	2300EST 0700EST			0	0			<b>Flood</b>
The Green River crested at 37.2 feet (flood stage is 33 feet) at 7 am est on March 21 at Woodberry. It then crested at 23.0 feet (flood stage is 17 feet) at Rochester at 7 am est on March 22. Many county roads were water covered									



# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops
<b><u>KENTUCKY, Central</u></b>								
<b>KYZ026</b>	<b>Ohio</b>							
	<b>19</b>	<b>0700EST 2300EST</b>			<b>0</b>	<b>0</b>		<b>Flood</b>
								The Rough River at Dundee crested at 25.9 feet (flood stage is 25 feet) at 6 pm est on March 19 producing minor flooding.
<b>KYZ063</b>	<b>Hart</b>							
	<b>20</b>	<b>0100EST 0700EST</b>			<b>0</b>	<b>0</b>		<b>Flood</b>
								The Green River at Munfordville crested at 28.6 feet (flood stage is 28 feet) at 3 am est on March 20 producing minor flooding.
<b>KYZ071</b>	<b>Warren</b>							
	<b>20 21</b>	<b>0700EST 1300EST</b>			<b>0</b>	<b>0</b>		<b>Flood</b>
								The Green River at Brownsville crested at 20.4 feet (flood stage is 18 feet) at 1 am est on March 21 producing minor flooding
<b>KYZ045</b>	<b>Nelson</b>							
	<b>20 21</b>	<b>2300EST 1900EST</b>			<b>0</b>	<b>0</b>		<b>Flood</b>
								The Rolling Fork of the Salt River just exceeded its flood stage cresting at 35.1 feet (flood stage is 35 feet) at 1 pm est on March 21.
<b>Breckinridge County</b>	<b>Hardinsburg</b>							
	<b>28</b>	<b>1745EST 1800EST</b>			<b>0</b>	<b>0</b>		<b>Hail(1.00)</b>
								Law enforcement officials reported quarter size hail.
<b>Logan County</b>	<b>Countywide</b>							
	<b>28</b>	<b>1810EST 1820EST</b>			<b>0</b>	<b>0</b>		<b>Hail(1.00)</b>
								Quarter size hail reported across various parts of the county.
<b>Grayson County</b>	<b>Leitchfield</b>							
	<b>28</b>	<b>1810EST</b>			<b>0</b>	<b>0</b>		<b>Hail(1.75)</b>
								Golf ball size hail reported by law enforcement.
<b>Hardin County</b>	<b>Radcliff</b>							
	<b>28</b>	<b>1820EST</b>			<b>0</b>	<b>0</b>		<b>Hail(0.75)</b>
								Dime size hail reported by spotters.
<b>Hardin County</b>	<b>Rineyville to Colesburg</b>							
	<b>28</b>	<b>1845EST 1855EST</b>	<b>7</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>2M</b>	<b>Tornado (F1)</b>
								An F1 tornado swept a 7 mile path from Rineyville to Colesburg damaging 5 homes, 2 mobile homes and 1 apartment complex. In addition, 8 barns were destroyed and 2 horses were killed.
<b>Hardin County</b>	<b>Vine Grove</b>							
	<b>28</b>	<b>1845EST 1945EST</b>			<b>0</b>	<b>0</b>		<b>Flash Flood</b>
								Water was 8 to 10 inches over Highway 60 as reported by spotter.
<b>Logan County</b>	<b>Russellville</b>							
	<b>28</b>	<b>1845EST</b>			<b>0</b>	<b>0</b>		<b>Hail(1.75)</b>
								Golf ball size hail reported by law enforcement.
<b>Hart County</b>	<b>Bonnieville to 2 NE Hammonville</b>							
	<b>28</b>	<b>1904EST 1922EST</b>	<b>9</b>	<b>1200</b>	<b>1</b>	<b>14</b>	<b>1.4M</b>	<b>Tornado (F3)</b>
								M40PH
<b>Larue County</b>	<b>2 SW Magnolia to Magnolia</b>							
	<b>28</b>	<b>1922EST 1925EST</b>	<b>2</b>	<b>1200</b>	<b>0</b>	<b>1</b>	<b>3M</b>	<b>Tornado (F3)</b>



# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### KENTUCKY, Central

A 40 year old man was killed as an F3 tornado with winds estimated at 175 mph touched down near Bonnieville in Hart county and moved northeast 9 miles to the town of Magnolia in Larue county before lifting. The deceased man was killed in his house in Hammonville as the house was blown 50 yards away from its foundation. A few other poorly secured homes were lifted clean off their foundations as well. Most of the injured were hurt when the tornado crossed I-65 at exit 71 causing several accidents. In Hart county, 14 people were injured in addition to the 1 death. 32 houses and 8 mobile homes were heavily damaged or destroyed most in Bonnieville. DES officials estimate total damage at 1.4 million dollars. In Larue county, 22 houses and 20 barns were heavily damaged or destroyed with most of the damage in Magnolia. DES officials estimated total damage around 3 million dollars half of which was damage to a dairy farm. The farmer lost 80 cattle as the barn collapsed on them. One man lost a restored model-T that he was used in car shows and exhibits. The only injury was to a Deputy Sheriff who rode out the storm in his cruiser. He badly bruised his hand and said he witnessed a near-by uninhabited car thrown more than 20 feet overtop of his cruiser.

#### Nelson County

**Bardstown to  
.5 NE Bardstown**

28	1915EST 1916EST		0.5	50	0	0	50K		<b>Tornado (F0)</b>
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An F0 tornado ripped a couple of roofs off homes and 1 building was badly damaged as reported by police and a National Weather Service employee.

#### Jefferson County

**Shively**

28	1920EST				0	0			<b>Hail(1.75)</b>
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Golf ball size hail reported along Cane Run Road.

#### Jefferson County

**Valley Station**

28	1920EST				0	0			<b>Hail(1.75)</b>
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Golf ball size hail reported along Hunter's Trace.

#### Green County

**Creal to  
3 NE Creal**

28	1925EST 1931EST		3	300	0	0	20K		<b>Tornado (F2)</b>
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#### Larue County

**3 NE Creal to  
1 E Attila**

28	1931EST 1941EST		5	300	0	0	100K		<b>Tornado (F2)</b>
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#### Marion County

**1 E Attila to  
3 W St Joseph**

28	1941EST 1943EST		3	300	0	0			<b>Tornado (F2)</b>
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A second tornado formed on the southern flank of the supercell that produced the tornado from Bonnieville to Magnolia. This second tornado formed as the first one dissipated. This second tornado touched down in Creal and did some damage there including a barn that was thrown across Highway 61. County road 2762 was also blocked by downed trees. Then the tornado proceeded northeastward and crossed Highway 210 into southern Larue county where again several trees and some power lines blocked the road there. There were 5 mobile homes and 4 barns destroyed and a church damaged in Pleasant Ridge. From there, the tornado moved northeastward into Marion county and dissipated 3 miles west of St. Joseph. Numerous trees and power lines were down across western Marion county.

#### Taylor County

**Hibernia to  
2 E Badger**

28	1930EST 1940EST				0	0			<b>Thunderstorm Wind (60)</b>
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Many trees and power lines were blown down as reported by dispatch

#### Warren County

**Bowling Green**

28	1940EST				0	0	2K		<b>Thunderstorm Wind (60)</b>
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Several trees down, one on a house.

#### Marion County

**New Market**

28	1945EST 1950EST				0	0	30K		<b>Thunderstorm Wind (60)</b>
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A mobile home and several barns were destroyed in the New Market area.

#### Warren County

**Alvaton**

28	1945EST				0	0			<b>Hail(1.75)</b>
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Golf ball size hail covered the ground to 1 1/2 inches in spots



# National Weather Service

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### KENTUCKY, Central

#### Allen County

<b>Maynard</b>	<b>28</b>	<b>1950EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
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Golf ball size hail reported.

#### Trimble County

<b>Bedford</b>	<b>28</b>	<b>1955EST</b>			<b>0</b>	<b>0</b>			<b>Hail(2.00)</b>
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2 inch hail reported by a spotter.

#### Taylor County

<b>Campbellsville</b>	<b>28</b>	<b>2000EST 2005EST</b>			<b>0</b>	<b>0</b>	<b>10K</b>		<b>Thunderstorm Wind (60)</b>
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Many trees and power lines down. Also, a church and a propane tank were damaged.

#### Barren County

<b>Rocky Hill</b>	<b>28</b>	<b>2010EST</b>			<b>0</b>	<b>0</b>			<b>Hail(2.75)</b>
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Baseball size hail was reported by spotters.

#### Adair County

<b>Cane Vly to Pellyton</b>	<b>28</b>	<b>2015EST 2035EST</b>	<b>10</b>	<b>500</b>	<b>0</b>	<b>7</b>	<b>3M</b>		<b>Tornado (F3)</b>
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A strong F3 tornado touched down in the Cane Valley area destroying 15 mobile homes, 14 homes, a business, a church and 12 barns. Also, 26 homes, 2 businesses and 2 churches were heavily damaged. 51 homes were destroyed and 50 damaged across northern Adair county. The tornado moved northeast skipping at times to Pellyton before lifting. Only 7 minor injuries were reported, however. Many people sought refuge in one of the damaged churches.

#### Metcalf County

<b>1 W Summer Shade to 9 NE Curtis</b>	<b>28</b>	<b>2015EST 2045EST</b>	<b>15</b>	<b>200</b>	<b>1</b>	<b>6</b>	<b>1M</b>		<b>Tornado (F2)</b>
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F28MH

#### Adair County

<b>1 NW Breeding to 1 N Breeding</b>	<b>28</b>	<b>2045EST 2047EST</b>	<b>1</b>	<b>200</b>	<b>0</b>	<b>0</b>			<b>Tornado (F2)</b>
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An F2 tornado touched down 1 mile west of Summer Shade just inside the Metcalfe-Barren county boarder at the intersection of Highway 90 and the Milam-Clark road killing a 28 year old woman and injuring her husband and two children. The family was thrown from their mobile home which was completely destroyed and blown away. From there, the tornado crossed Highway 90 and Highway 640 with houses damaged and some mobile homes destroyed. Then it crossed Highway 163 just south of Goodluck where one house was completely lifted off its foundation and then set back down again. The tornado proceeded into southwestern Adair county and lifted just north of Breeding. Over 100 barns, 11 mobile homes and 8 houses saw extensive structural damage or were completely destroyed across Metcalfe county with an additional 20 houses with at least moderate damage. Many other residences, barns and outbuildings received minor damage. No major damage or injuries were reported in Adair county.

#### Mercer County

<b>Kirkwood</b>	<b>28</b>	<b>2025EST</b>			<b>0</b>	<b>0</b>	<b>20K</b>		<b>Thunderstorm Wind (60)</b>
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A roof blew off a building a slammed into a tractor-trailer.

#### Taylor County

<b>Yuma</b>	<b>28</b>	<b>2025EST</b>			<b>0</b>	<b>0</b>	<b>10K</b>		<b>Thunderstorm Wind (60)</b>
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A few houses had roofs blown off.

#### Monroe County

<b>Gamaliel</b>	<b>28</b>	<b>2030EST 2035EST</b>			<b>0</b>	<b>0</b>	<b>10K</b>		<b>Thunderstorm Wind (60)</b>
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A roof was ripped off a house, a barn was blown down and many trees were down.



# National Weather Service

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### KENTUCKY, Central

#### Casey County

<b>1 NW Dunnville to Gilpin</b>	<b>28</b>	<b>2040EST 2100EST</b>	<b>10</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>200K</b>		<b>Tornado (F1)</b>
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An F1 tornado destroyed a large part of a farm near Riffe and also damaged a few houses and destroyed several barns on a 10 mile path to Gilpin. Many trees and power lines were also down. Damage to the farm alone was at \$150,100. The tornado appeared to skip in spots across south central Casey county. This tornado was produced by the same supercell that produced the F3 tornado that moved across Cane Valley and Pellyton in northern Adair county.

#### Russell County

<b>5 W Jamestown to 5 NE Jamestown</b>	<b>28</b>	<b>2050EST 2110EST</b>	<b>10</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>1M</b>		<b>Tornado (F0)</b>
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An F0 tornado touched down just inside the western part of the county line along Highway 55 and then moved northeast across Middletown and to the Half Acre community about 1 mile south of the Cumberland Parkway. A business was destroyed, two garages were heavily damaged, 10 houses had light to moderate roof damage, one storage building was damaged, three mobile homes were damaged and one destroyed. In addition, several signs, trees, utility poles and fences were down, and a vehicle was overturned.

#### Ohio County

<b>Dundee</b>	<b>28</b>	<b>2115EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
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Quarter size hail reported by dispatch.

#### Trimble County

<b>Milton</b>	<b>28</b>	<b>2130EST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
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Dime size hail reported by a spotter.

#### Henry County

<b>New Castle</b>	<b>28</b>	<b>2130EST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (50)</b>
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Several barns were blow down.

#### Hancock County

<b>4 S Hawesville</b>	<b>28</b>	<b>2130EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
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Golf ball size hail reported by dispatch.

#### Breckinridge County

<b>Hardinsburg</b>	<b>28</b>	<b>2140EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
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Golf ball size hail reported by dispatch.

#### Allen County

<b>Scottsville</b>	<b>28</b>	<b>2140EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.75)</b>
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Golf ball size hail reported by dispatch.

#### Lincoln County

<b>Hustonville</b>	<b>28</b>	<b>2145EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
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Quarter size hail reported by dispatch.

#### Simpson County

<b>Franklin</b>	<b>28</b>	<b>2145EST</b>			<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>
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Quarter size hail reported.

#### Fayette County

<b>Lexington</b>	<b>28</b>	<b>2225EST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
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Dime size hail reported by dispatch.

#### Hart County

<b>Seymour</b>	<b>28</b>	<b>2328EST 2329EST</b>	<b>0.5</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>5K</b>		<b>Tornado (F0)</b>
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A brief F0 tornado touched down near Seymour damaging 1 mobile home.