

OCTOBER 2017
VOLUME 59
NUMBER 10

STORM DATA



AND UNUSUAL WEATHER PHENOMENA
WITH LATE REPORTS AND CORRECTIONS



NCEI NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE
NATIONAL CENTERS FOR ENVIRONMENTAL INFORMATION

Storm Data and Unusual Weather Phenomena

October 2017

| 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 |
|----------|------|---------------------|---------------------|--------------------|--------------------------|---------------------------|---------------------------|------------------------|--------------------|
|----------|------|---------------------|---------------------|--------------------|--------------------------|---------------------------|---------------------------|------------------------|--------------------|

MISSOURI, East

Knox County

1 NNW Edina

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|
| 14 | 1600CST | | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (56EG) |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|

Thunderstorm winds blew down a large tree branch onto Highway 15 about a mile north of Edina.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Monroe County

1 ENE Madison
Stoutsville

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|-------|-------|--------------------------|
| 14 | 1915CST 1930CST | | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (61EG) |
|----|--------------------|--|--|--|---|---|-------|-------|--------------------------|

Thunderstorm winds blew down numerous trees and tree limbs across Monroe County, from Madison northeastward through Holliday, Paris, then onto Stoutsville.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Moniteau County

California

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|
| 14 | 2050CST | | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (61EG) |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|

Thunderstorm winds blew down a tree onto power lines in town.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Pike County

1 NNE Cyrene
Louisiana

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|
| 14 | 2145CST | | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (61EG) |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|

Thunderstorm winds blew down several trees between Cyrene and Louisiana. In Louisiana, two large trees fell onto two unoccupied vehicles, destroying them.

A strong cold front moved through the region, trigger strong to severe storms. Some of the storms produced damaging winds.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

MISSOURI, Northeast

Scotland County

2 ENE Ella Ewing Lake

| | | | | | | | | |
|----|--------------------|-----|----|---|---|-------|-------|---------------|
| 14 | 1609CST 1610CST | 0.1 | 10 | 0 | 0 | 0.00K | 0.00K | Tornado (EF1) |
|----|--------------------|-----|----|---|---|-------|-------|---------------|

A National Weather Service storm survey indicated that an EF1 tornado completely destroyed two farm outbuildings and caused damage to two others on the same farm, including a grain silo. The storm survey indicated the narrow EF1 tornado produced 95 mph winds and was 10 yards wide, on a path that was 0.1 miles long.

Clark County

1 NE Neeper

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|
| 14 | 1619CST | | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (56EG) |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|

A car was reported to have crashed into a large tree branch on the highway that had been blown down by the thunderstorm.

Severe thunderstorms moved across much of west central Illinois and northeast Missouri the evening of October 14th, 2017. Wind and hail reports were common with these storms, and two tornadoes occurred. Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

MISSOURI, Northwest

Adair County

1 S Millard

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|--|--|--------------------------|
| 14 | 1540CST 1543CST | | | | 0 | 0 | | | Thunderstorm Wind (61EG) |
|----|--------------------|--|--|--|---|---|--|--|--------------------------|

A few power lines were down and a roof was blown off of a home in Millard.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Clay County

East Kansas City
1 WNW Minaville

| | | | | | | | | | |
|----|--------------------|--|--|--|---|---|--|--|--------------------------|
| 14 | 1611CST 1615CST | | | | 0 | 0 | | | Thunderstorm Wind (61EG) |
|----|--------------------|--|--|--|---|---|--|--|--------------------------|

Several trees were damaged in and around World's of Fun Theme Park. Across the street for Worlds of Fun a large hotel sign was blown over. Within the theme park some exhibits were knocked over. No injuries were reported.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Storm Data and Unusual Weather Phenomena

October 2017

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

MISSOURI, Northwest



A picture of a hotel sign that was blown over, across from Worlds of Fun Theme Park in East Kansas City, Missouri on October 14th, 2017. Photo courtesy of NWS.

Clay County **1 WNW Oakwood**

| | | | | | | | | |
|----|--------------------|--|--|---|---|-------|-------|--------------------------|
| 14 | 1615CST 1618CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (56EG) |
|----|--------------------|--|--|---|---|-------|-------|--------------------------|

An NWS Employee reported a 65 mph wind gust at the I-29 and HWY 69 interchange.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Clay County **1 E Liberty**

| | | | | | | | | |
|----|--------------------|--|--|---|---|-------|-------|--------------------------|
| 14 | 1615CST 1618CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (52EG) |
|----|--------------------|--|--|---|---|-------|-------|--------------------------|

Broadcast media reported a 60 mph wind gust.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Clay County **1 E (MKC)Ks City Dntn Ar** **1 SSE North Kansas City**

| | | | | | | | | |
|----|--------------------|--|--|---|---|-------|-------|--------------------------|
| 14 | 1631CST 1634CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (56MG) |
|----|--------------------|--|--|---|---|-------|-------|--------------------------|

The ASOS measured 65 mph wind at the Kansas City Downtown Airport. In a nearby neighborhood a large tree was knocked over on the 2000 block of Swift St.

Note: The measured wind gust of 56 knots is equivalent to 64 mph.

Jackson County **1 S Sibley**

| | | | | | | | | |
|----|--------------------|--|--|---|---|--|--|--------------------------|
| 14 | 1634CST 1637CST | | | 0 | 0 | | | Thunderstorm Wind (61EG) |
|----|--------------------|--|--|---|---|--|--|--------------------------|

Multiple trees were down on roadways near Sibley. A full 110 gallon water tank was thrown several yards from its original resting place.

Note: The estimated wind gust of 61 knots is equivalent to 70 mph.

Clay County **1 S Excelsior Spgs**

| | | | | | | | | |
|----|---------|--|--|---|---|-------|-------|-------------|
| 14 | 1635CST | | | 0 | 0 | 0.00K | 0.00K | Hail (0.88) |
|----|---------|--|--|---|---|-------|-------|-------------|

Clay County **1 SW Pleasant Vly**

| | | | | | | | | |
|----|--------------------|--|--|---|---|-------|-------|--------------------------|
| 14 | 1640CST 1643CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (52EG) |
|----|--------------------|--|--|---|---|-------|-------|--------------------------|

An NWS employee reported a 60 mph wind gust.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Storm Data and Unusual Weather Phenomena

October 2017

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Injured | Estimated Damage Property | Crops | Character of Storm |
|----------------------------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------|---------------------------------|-------|--|
| MISSOURI, Northwest | | | | | | | | | |
| Jackson County | | | | | | | | | |
| 1 E Greenwood | 14 | 1713CST 1716CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (56EG) |
| | | | | | | | | | An NWS employee reported a 65 mph wind gust in Greenwood. Note: The estimated wind gust of 56 knots is equivalent to 64 mph. |
| Ray County | | | | | | | | | |
| 1 E Orrick | 14 | 1718CST 1721CST | | | 0 | 0 | | | Thunderstorm Wind (56EG) |
| | | | | | | | | | Roof damage occurred to a residence near Orrick. Note: The estimated wind gust of 56 knots is equivalent to 64 mph. |
| Cass County | | | | | | | | | |
| 1 SSE Lake Winnebago | 14 | 1720CST 1723CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | The NWS office in Pleasant Hill observed a 60 mph wind gust. Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |
| Cass County | | | | | | | | | |
| 1 S Harrisonville | 14 | 1721CST 1724CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | Trees were down and debris was in the road south of Harrisonville. Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |
| Pettis County | | | | | | | | | |
| 1 W Green Ridge | 14 | 1950CST 1953CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (56EG) |
| | | | | | | | | | The public reported a 65 mph wind gust near Green Ridge. Note: The estimated wind gust of 56 knots is equivalent to 64 mph. |
| Pettis County | | | | | | | | | |
| 1 N Sedalia | 14 | 2003CST 2006CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (50MG) |
| | | | | | | | | | An AWOS near Sedalia reported a 58 mph wind gust. On the afternoon of October 14, 2017 strong thunderstorms formed along a boundary, which was draped across the Kansas City metro area. The strongest of these storms was a supercell that caused quite a bit of wind damage across the Northland of Kansas City. This wind damage manifested itself in several large trees being knocked over and a hotel sign across from Worlds of Fun crashing down. At the Worlds of Fun theme park displays were knocked over and tree damage was quite extensive. Aside from the tree damage in Kansas City there was minor structure damage in several other areas of western and central Missouri, but none of this structural damage appeared to be significant. Several automated wind gauges across the area recorded wind gusts in the 55 to 65 mph range. For more information, click the link for a dedicated web page: https://www.weather.gov/eax/October142017windacrosswesternandcentralmissouri . Note: The measured wind gust of 50 knots is equivalent to 58 mph. |
| Andrew County | | | | | | | | | |
| 1 NNW Savannah | 21 | 1640CST | | | 0 | 0 | 0.00K | 0.00K | Hail (0.88) |
| | | | | | | | | | A storm produced a nickel-sized hail stone. |
| MISSOURI, Southwest | | | | | | | | | |
| Vernon County | | | | | | | | | |
| 1 NE Nevada | 21 | 2129CST | | | 0 | 0 | 1.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | A power line was blown down in Nevada. A pick up truck pulling a twenty foot trailer was blown off the road into the median about two miles south of Nevada. Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |
| Vernon County | | | | | | | | | |
| 1 S Arthur | 21 | 2130CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | Fire department estimated wind gusts up to 60 mph. Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |

Storm Data and Unusual Weather Phenomena

October 2017

| Location | Date | Time Local/Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Crops | Character of Storm |
|--|------|---------------------|---------------------|--------------------|--------------------------|---------------------------|---------------------------|-------|---|
| MISSOURI, Southwest | | | | | | | | | |
| Vernon County 1 E Walker | 21 | 2138CST | | | 0 | 0 | 1.00K | 0.00K | Thunderstorm Wind (56EG) |
| | | | | | | | | | A utility trailer was flipped over due to strong winds in Walker. |
| | | | | | | | | | Note: The estimated wind gust of 56 knots is equivalent to 64 mph. |
| Jasper County 1 E Carthage | 21 | 2210CST | | | 0 | 0 | 1.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | A power line was blown down in Carthage. |
| | | | | | | | | | Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |
| Jasper County 1 ENE Jasper | 21 | 2210CST | | | 0 | 0 | 1.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | A power line was blown down in the town of Jasper. |
| | | | | | | | | | Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |
| Lawrence County 4 N Bowers Mill | 21 | 2228CST | | | 0 | 0 | 1.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | There was damage to a shop roof. There were several small trees and large tree limbs blown down. |
| | | | | | | | | | Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |
| Dade County 1 ENE Lockwood | 21 | 2240CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | A large tree was blown down onto the Highway 160 just east of the Lockwood Drive-in. |
| | | | | | | | | | Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |
| Mcdonald County 3 ENE Jane | 21 | 2245CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | A few trees were blown down east of Jane along Highway 90. |
| | | | | | | | | | Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |
| Greene County 3 SSW Pleasant Vly | 21 | 2340CST | | | 0 | 0 | 5.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | A silo was destroyed at the Ozark Empire Fairgrounds. Time was estimated by radar. |
| | | | | | | | | | Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |
| Greene County 3 N Springfield | 21 | 2342CST | | | 0 | 0 | 1.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | A power line was blown down near Missouri Street and Kearney in north Springfield. |
| | | | | | | | | | Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |
| Greene County 1 E Fair Grove | 22 | 0016CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (53MG) |
| | | | | | | | | | A wind gust of 61 mph was measured on the south side of Fair Grove. |
| | | | | | | | | | Note: The measured wind gust of 53 knots is equivalent to 61 mph. |
| Taney County 1 N Forsyth | 22 | 0024CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | Wind gusts up to 60 mph were estimated but no damage was reported. |
| | | | | | | | | | Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |
| Taney County Forsyth | 22 | 0027CST | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | Three trees were blown down in Forsyth. |
| | | | | | | | | | Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |
| Webster County 1 E Seymour | 22 | 0040CST | | | 0 | 0 | 1.00K | 0.00K | Thunderstorm Wind (52EG) |
| | | | | | | | | | An intermittent path of minor wind damage to shingles and trees from west of Seymour into the city. The debris was initially thrown in a divergent direction at the start of the event...continuing in an easterly manner into Seymour. |
| | | | | | | | | | Note: The estimated wind gust of 52 knots is equivalent to 60 mph. |

Storm Data and Unusual Weather Phenomena

October 2017

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

MISSOURI, Southwest

Laclede County

1 N Falcon

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|
| 22 | 0130CST | | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (52EG) |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|

Several trees were blown down in the southern portion of Laclede County including the Falcon and Competition area.

Note: The estimated wind gust of 52 knots is equivalent to 60 mph.

Ozark County

1 NE Gainesville

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|
| 22 | 0150CST | | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (56EG) |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|

Wind gusts up to 65 mph were estimated but no damage was reported.

Note: The estimated wind gust of 56 knots is equivalent to 64 mph.

Howell County

1 NNE Moody

| | | | | | | | | | |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|
| 22 | 0233CST | | | | 0 | 0 | 0.00K | 0.00K | Thunderstorm Wind (52EG) |
|----|---------|--|--|--|---|---|-------|-------|--------------------------|

A tree was blown down on E Highway just north of Moody in Howell County.

A strong cold front developed a line of severe thunderstorms which produced multiple reports of wind damage across the Missouri Ozarks. Note: The estimated wind gust of 52 knots is equivalent to 60 mph.