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Tennessee Climate Office Monthly Report

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6-1-2018

### 2018 June - Tennessee Monthly Climate Report

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# June 2018 Tennessee Climate Summary

Prepared by William Tollefson, and Dr. Andrew Joyner;

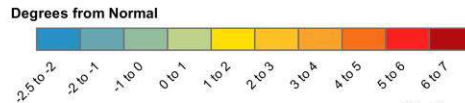
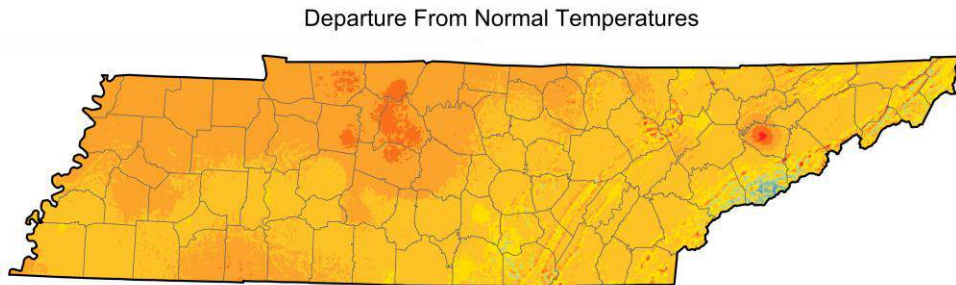
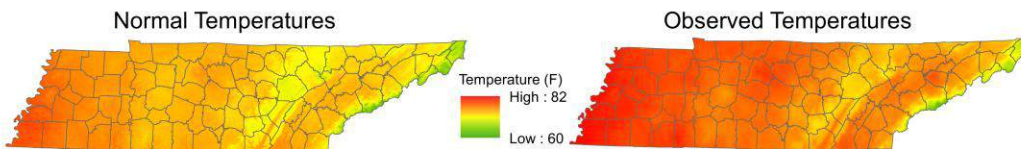
Tennessee Climate Office; East Tennessee State University

## Monthly Temperature Summary:

Temperatures for the month of June were above normal in most of the state. Mean temperatures ranged from 82°F in the Memphis area, to 57°F in the highest elevations of the Smokies. A few areas in the mountains of East Tennessee and along the southern Cumberland Plateau did record mean temperatures 1 to 2.5°F below normal. The highest temperature anomalies were recorded in Knoxville and the Nashville Metro Areas, with 5-6°F and 4-5°F above normal conditions observed, respectively. Heat advisories were common in West Tennessee, especially in the second half of the month, and heat indices topped 110°F in some locations!



## June 2018 Mean Temperature



Stations with the highest mean temperature

| Name                 | Station Type | Mean Temperature (F) |
|----------------------|--------------|----------------------|
| MEMPHIS INT AP       | WBAN         | 81.9                 |
| BROWNSVILLE          | COOP         | 80.7                 |
| MEMPHIS WFO          | WBAN         | 80.6                 |
| SHILOH NMP TENNESSEE | RAWS         | 80.5                 |
| NASHVILLE INTLAP     | WBAN         | 79.7                 |

Map Data From: PRISM Climate Group, Oregon State University.  
1980-2010 Normals Used  
Station Data retrieved from SC-ACIS2

Stations with the lowest mean temperature

| Station Name       | Station Type | Mean Temperature (F) |
|--------------------|--------------|----------------------|
| MT LECONTE         | COOP         | 57.2                 |
| NEWFOUND GAP       | COOP         | 64.9                 |
| ROAN MOUNTAIN 3SW  | COOP         | 67.5                 |
| CHEROKEE TENNESSEE | RAWS         | 69.5                 |
| TOWNSEND 5S        | COOP         | 70.6                 |

## Monthly Precipitation Summary:

Most areas of the state recorded normal to above normal precipitation for the month; however, most of that precipitation was associated with thunderstorm complexes, meaning fast and heavy bursts of rain with long dry periods in between. For the first week of the month, heavier precipitation was concentrated in the western half of the state. Then for the middle two weeks, the southern and western parts of the state recorded high rainfall totals. Then the eastern half of the state recorded torrential rains in the last week of the month; with totals on the northern plateau in excess of 8 inches in some places. The driest part of the state was southwest Shelby County, where rainfall for the month was only 40-50% of normal, and D0 drought conditions spilled over from Arkansas.

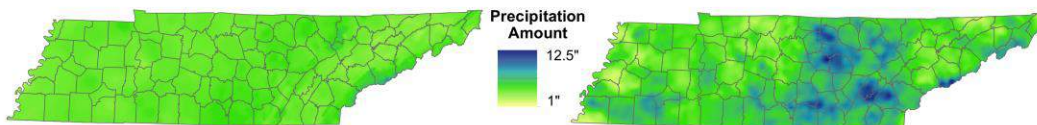


# June 2018 Precipitation

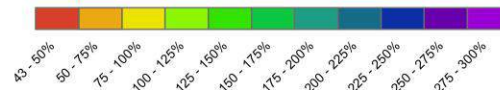
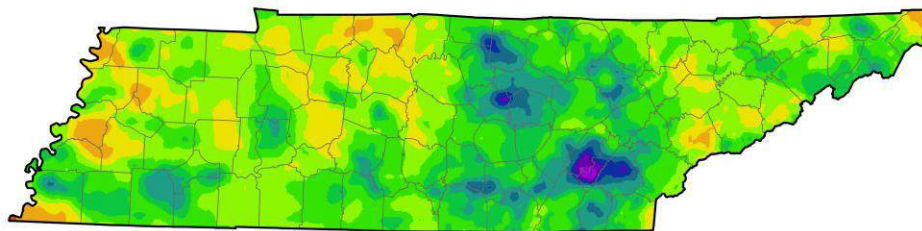


Normal Precipitation

Observed Precipitation



Percent Normal Precipitation



Stations with the most precipitation

| Station Name            | Station Type | Total Precipitation (in) |
|-------------------------|--------------|--------------------------|
| MT LECONTE              | COOP         | 13.77                    |
| ATHENS                  | COOP         | 11.95                    |
| LYNCHBURG               | COOP         | 11                       |
| SPARTA WASTEWATER PLANT | COOP         | 10.98                    |
| BENTON 2.3 ESE          | CoCoRaHS     | 10.63                    |

Stations with the least precipitation

| Station Name         | Station Type | Total Precipitation (in) |
|----------------------|--------------|--------------------------|
| MEMPHIS INT AP       | WBAN         | 2.06                     |
| MARYVILLE 4.9 S      | CoCoRaHS     | 2.53                     |
| MURFREESBORO 4.3 SE  | CoCoRaHS     | 2.59                     |
| GRAY 1.3 S           | CoCoRaHS     | 2.64                     |
| WATERTOWN PUB SAFETY | COOP         | 2.69                     |

Map Data From: PRISM Climate Group,  
Oregon State University,  
1980-2010 Normals Used  
Station Data retrieved from SC ACIS2

Top Tenn (warmest, coldest, wettest, driest stations of the month):

Hottest Stations (highest max temp):

| Station Name                 | Station Type | Highest Temperature (F) |
|------------------------------|--------------|-------------------------|
| BROWNSVILLE                  | COOP         | 98                      |
| MEMPHIS WFO                  | WBAN         | 97                      |
| CARTHAGE                     | COOP         | 97                      |
| OLD HICKORY DAM              | COOP         | 97                      |
| LEBANON 7 N                  | COOP         | 97                      |
| MEMPHIS INT AP               | WBAN         | 96                      |
| OAK RIDGE ASOS               | WBAN         | 96                      |
| NASHVILLE INTL AP            | WBAN         | 96                      |
| MERIWETHER LEWIS TENNESSEE   | RAWS         | 96                      |
| SHILOH NMP TENNESSEE         | RAWS         | 96                      |
| MURFREESBORO 5 N             | COOP         | 96                      |
| SEVIERVILLE                  | COOP         | 96                      |
| FRANKLIN SEWAGE PLANT        | COOP         | 96                      |
| KINGSTON SPRINGS             | COOP         | 96                      |
| LEBANON                      | COOP         | 96                      |
| NASHVILLE BERRY FIELD        | COOP         | 96                      |
| FAIRVIEW BOWIE NATURE CENTER | COOP         | 96                      |
| SHELBY BOTTOMS NATURE CENTER | COOP         | 96                      |

Coldest Stations (lowest min temp):

| Station Name       | Station Type | Lowest Temperature (F) |
|--------------------|--------------|------------------------|
| MT LECONTE         | COOP         | 39                     |
| NEWFOUND GAP       | COOP         | 47                     |
| CHEROKEE TENNESSEE | RAWS         | 48                     |
| LEWISBURG EXP STA  | COOP         | 48                     |
| NORRIS             | COOP         | 48                     |
| KINGSPORT          | COOP         | 49                     |
| ROAN MOUNTAIN 3SW  | COOP         | 49                     |
| COALMONT           | COOP         | 50                     |
| CROSSVILLE 7 NW    | WBAN         | 51                     |
| WAYNESBORO         | COOP         | 51                     |
| GATLINBURG 2 SW    | COOP         | 51                     |
| ALLARDT            | COOP         | 51                     |
| TAZEWELL           | COOP         | 51                     |
| ONEIDA             | COOP         | 51                     |
| TOWNSEND 5S        | COOP         | 51                     |

Warmest Stations (highest mean temps):

| Name                         | Station Type | Mean Temperature (F) |
|------------------------------|--------------|----------------------|
| MEMPHIS INT AP               | WBAN         | 81.9                 |
| BROWNSVILLE                  | COOP         | 80.7                 |
| MEMPHIS WFO                  | WBAN         | 80.6                 |
| SHILOH NMP TENNESSEE         | RAWS         | 80.5                 |
| NASHVILLE INTL AP            | WBAN         | 79.7                 |
| JACKSON EXP STA              | COOP         | 79.6                 |
| SELMER                       | COOP         | 79.5                 |
| NASHVILLE BERRY FIELD        | COOP         | 79.5                 |
| JACKSON MCKELLAR- SIPES AP   | WBAN         | 79.4                 |
| CAMDEN TOWER TENNESSEE       | RAWS         | 79.3                 |
| UT MARTIN BRANCH EXP STATION | COOP         | 79.3                 |

Coollest Stations (lowest mean temps):

| Station Name       | Station Type | Mean Temperature (F) |
|--------------------|--------------|----------------------|
| MT LECONTE         | COOP         | 57.2                 |
| NEWFOUND GAP       | COOP         | 64.9                 |
| ROAN MOUNTAIN 3SW  | COOP         | 67.5                 |
| CHEROKEE TENNESSEE | RAWS         | 69.5                 |
| TOWNSEND 5S        | COOP         | 70.6                 |
| GATLINBURG 2 SW    | COOP         | 71.2                 |
| CROSSVILLE 7 NW    | WBAN         | 71.4                 |
| COALMONT           | COOP         | 71.6                 |
| TAZEWELL           | COOP         | 72                   |
| MONTEAGLE          | WBAN         | 72.7                 |
| ALLARDT            | COOP         | 72.7                 |

Wettest Stations (highest rainfall totals):

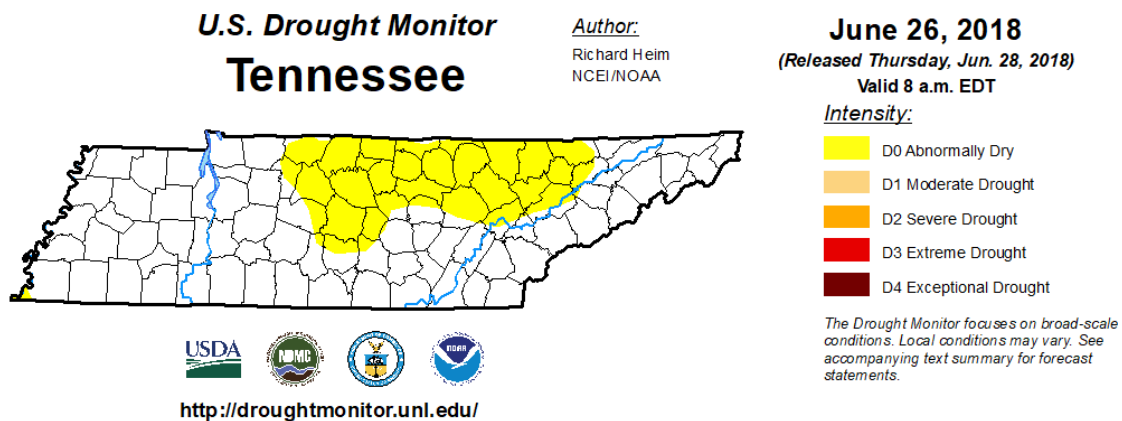
| Station Name            | Station Type | Total Precipitation (in) |
|-------------------------|--------------|--------------------------|
| MT LECONTE              | COOP         | 13.77                    |
| ATHENS                  | COOP         | 11.95                    |
| LYNCHBURG               | COOP         | 11                       |
| SPARTA WASTEWATER PLANT | COOP         | 10.98                    |
| BENTON 2.3 ESE          | CoCoRaHS     | 10.63                    |
| SPARTA 3.0 WNW          | CoCoRaHS     | 10.28                    |
| CLEVELAND 1.7 WNW       | CoCoRaHS     | 10.21                    |
| COOKEVILLE              | COOP         | 10.05                    |
| ELMWOOD 4.5 NNE         | CoCoRaHS     | 10.04                    |
| DUNLAP 2.3 SSE          | CoCoRaHS     | 9.97                     |

Driest Stations (lowest rainfall totals):

| Station Name         | Station Type | Total Precipitation (in) |
|----------------------|--------------|--------------------------|
| MEMPHIS INT AP       | WBAN         | 2.06                     |
| MARYVILLE 4.9 S      | CoCoRaHS     | 2.53                     |
| MURFREESBORO 4.3 SE  | CoCoRaHS     | 2.59                     |
| GRAY 1.3 S           | CoCoRaHS     | 2.64                     |
| WATERTOWN PUB SAFETY | COOP         | 2.69                     |
| KYLES FORD 1.0 N     | CoCoRaHS     | 2.7                      |
| CHEATHAM LOCK & DAM  | COOP         | 2.75                     |
| OLD HICKORY 1.6 SSE  | CoCoRaHS     | 2.75                     |
| SHELBYVILLE MUNI. AP | COOP         | 2.82                     |
| GREEN HILL 3.1 NNE   | CoCoRaHS     | 2.88                     |

Drought Monitor:

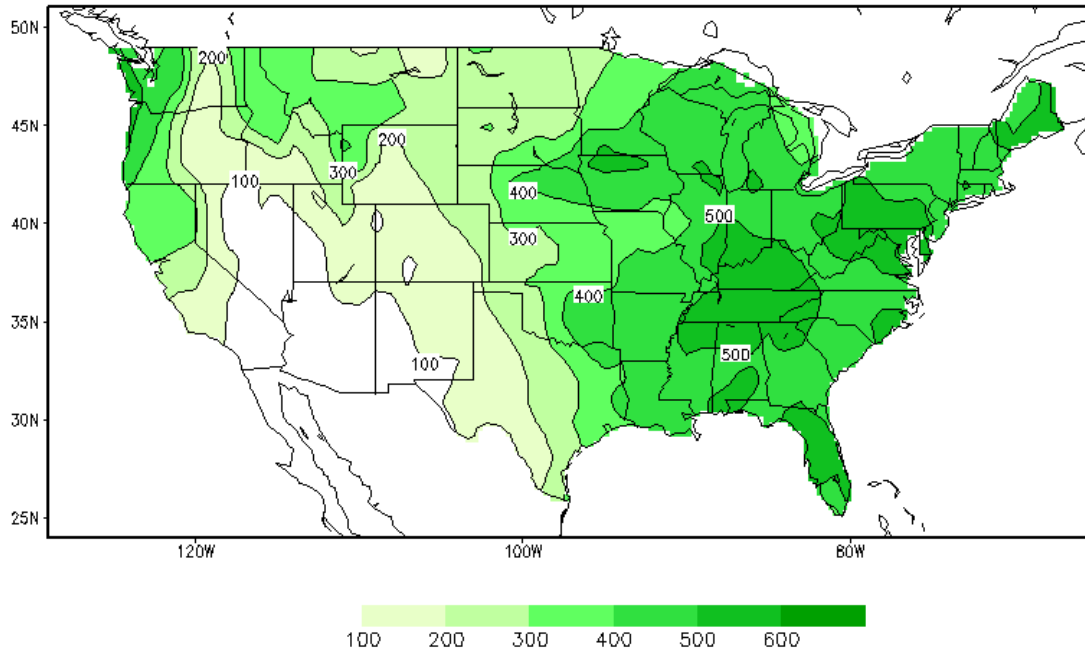
June started with no observed drought conditions in the state of Tennessee, and in the second week of the month, a small area of D0 (abnormally dry) conditions were reported in southwest Shelby County. A drying trend occurred in large areas of northern and eastern Tennessee, with below normal precipitation and above normal temperature conditions, culminating in D0 conditions being declared at the beginning of the last week of the month. However, heavy rains in those areas in the following days eased drought concerns for most of the affected area heading into July.



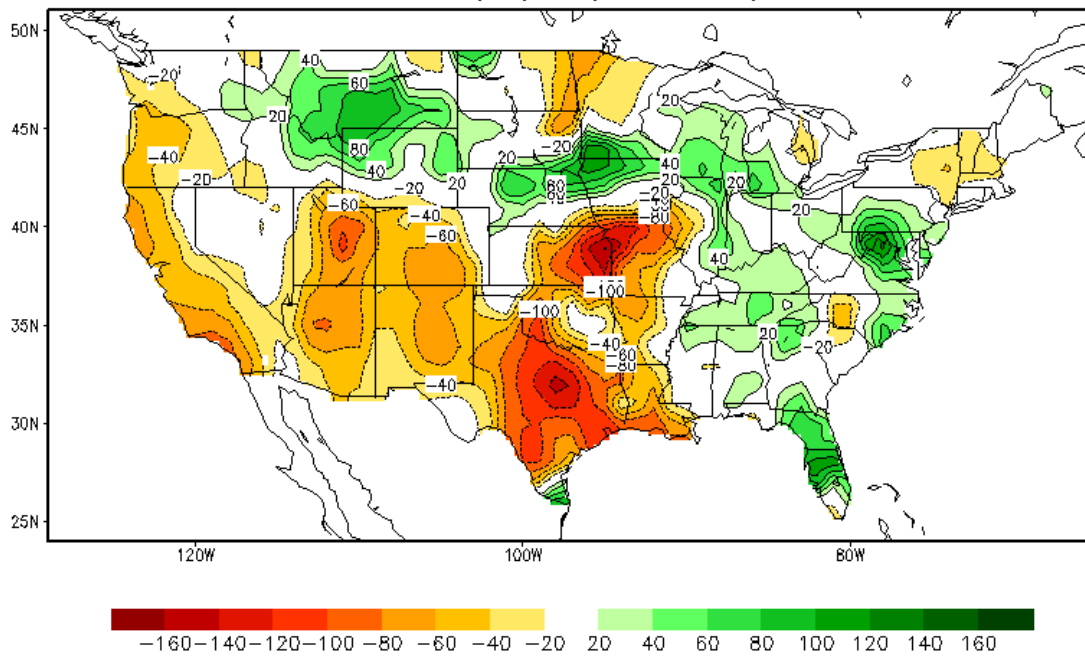
Soil Moisture:

Soil moisture was above 500 mm for almost all areas of the state at the end of June, with slightly positive anomalies (above normal conditions) as well.

Soil Moisture (mm) Last day of JUN, 2018



Soil Moisture Anomaly (mm) Last day of JUN, 2018



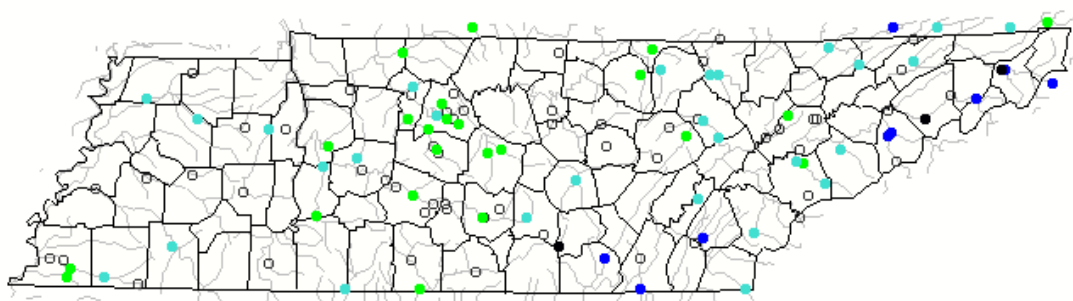
### Streamflow:

Stream flow averaged over the month shows all streams at or above normal flow levels, however at times many streams in the eastern part of the state were below normal. The heavy rains of the last few days of June put many streams much above normal for the last week, alleviating below normal observations in the earlier parts of the month.

## Map of monthly streamflow compared to historical streamflow for the month of the year (Tennessee)

Tennessee ▼ or Water-Resources Regions ▼

June 2018



Search USGS streamgage

Choose a data retrieval option and select a location on the map

List of all stations 
  Single station 
  Nearest stations 
  Peak flow

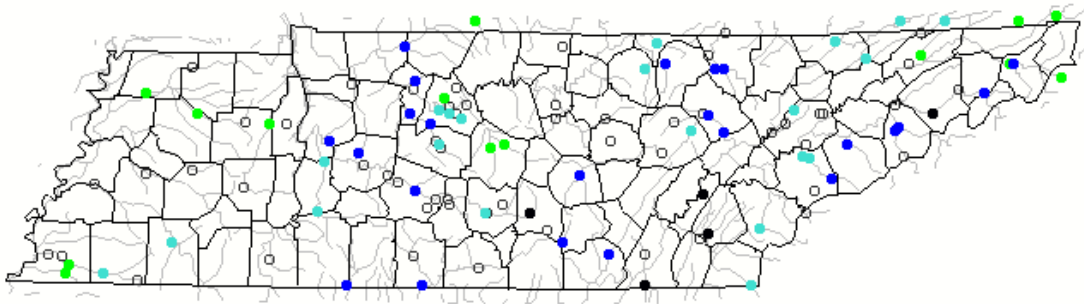
| Explanation - Percentile classes |                          |                       |                 |                       |                          |      |            |
|----------------------------------|--------------------------|-----------------------|-----------------|-----------------------|--------------------------|------|------------|
|                                  |                          |                       |                 |                       |                          |      |            |
| Low                              | <10<br>Much below normal | 10-24<br>Below normal | 25-75<br>Normal | 76-90<br>Above normal | >90<br>Much above normal | High | Not-ranked |



## Map of 7-day average streamflow compared to historical streamflow for the day of the year (Tennessee)

Tennessee ▼ or Water-Resources Regions ▼ All Days

Sunday, July 01, 2018



Search USGS streamgage 🔍

Choose a data retrieval option and select a location on the map

List of all stations  Single station  Nearest stations

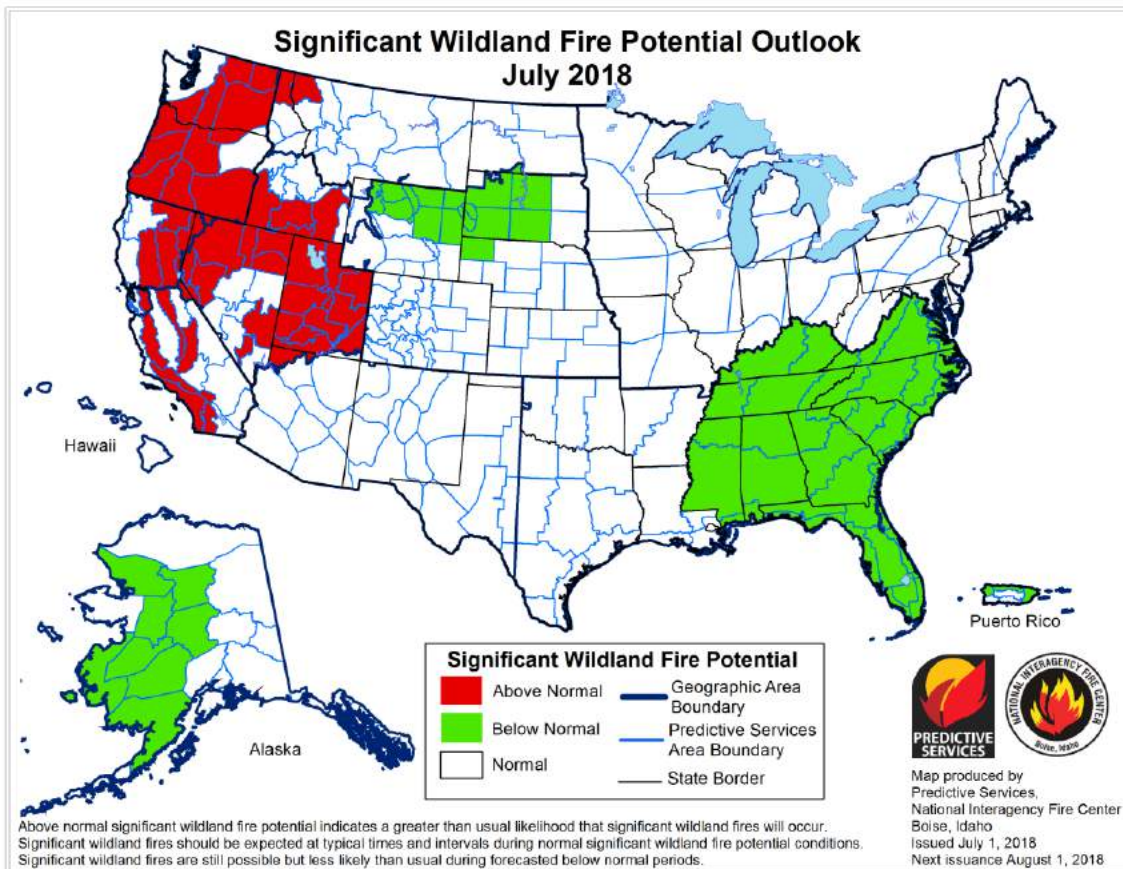
| Explanation - Percentile classes |                          |                       |                 |                       |                          |      |            |
|----------------------------------|--------------------------|-----------------------|-----------------|-----------------------|--------------------------|------|------------|
|                                  |                          |                       |                 |                       |                          |      |            |
| Low                              | <10<br>Much below normal | 10-24<br>Below normal | 25-75<br>Normal | 76-90<br>Above normal | >90<br>Much above normal | High | Not-ranked |

### Miscellaneous:

**Crop Conditions from USDA:** Most crops were at or above 5-year average progress during the last week of the month. Additionally, most crops were in fair to excellent condition. Pastures recorded the most negative condition percentages, with 10% in poor to very poor condition, mainly due to highly variable rainfall in different parts of the state, and high temperatures.

| CROP PROGRESS            |           |           |      |             | CONDITION |           |      |      |      |           |
|--------------------------|-----------|-----------|------|-------------|-----------|-----------|------|------|------|-----------|
| Crop                     | This Week | Last Week | 2017 | 5 Year Avg. | Item      | Very Poor | Poor | Fair | Good | Excellent |
|                          | Percent   |           |      |             |           |           |      |      |      |           |
| Corn – Silking           | 60        | 33        | 58   | 43          | Corn      | 1         | 2    | 17   | 55   | 25        |
| Corn – Doughing          | 3         | N/A       | 4    | 1           | Tobacco   | 0         | 4    | 19   | 74   | 3         |
| Cotton – Squaring        | 72        | 54        | 51   | 45          | Cotton    | 2         | 4    | 14   | 63   | 17        |
| Cotton – Setting Bolls   | 8         | 1         | 8    | 4           | Pasture   | 1         | 9    | 28   | 49   | 13        |
| Hay – First Cutting      | 90        | 84        | 86   | 87          | Soybeans  | 0         | 3    | 19   | 58   | 20        |
| Soybeans – Planted       | 96        | 93        | 94   | 90          | Cattle    | 0         | 5    | 19   | 61   | 15        |
| Soybeans – Emerged       | 89        | 81        | 86   | 79          | Wheat     | 1         | 3    | 36   | 48   | 12        |
| Soybeans – Blooming      | 24        | 13        | 18   | 10          |           |           |      |      |      |           |
| Tobacco – Set            | 98        | 94        | 91   | N/A         |           |           |      |      |      |           |
| Winter Wheat – Mature    | 99        | 98        | N/A  | N/A         |           |           |      |      |      |           |
| Winter Wheat – Harvested | 94        | 86        | 95   | 84          |           |           |      |      |      |           |

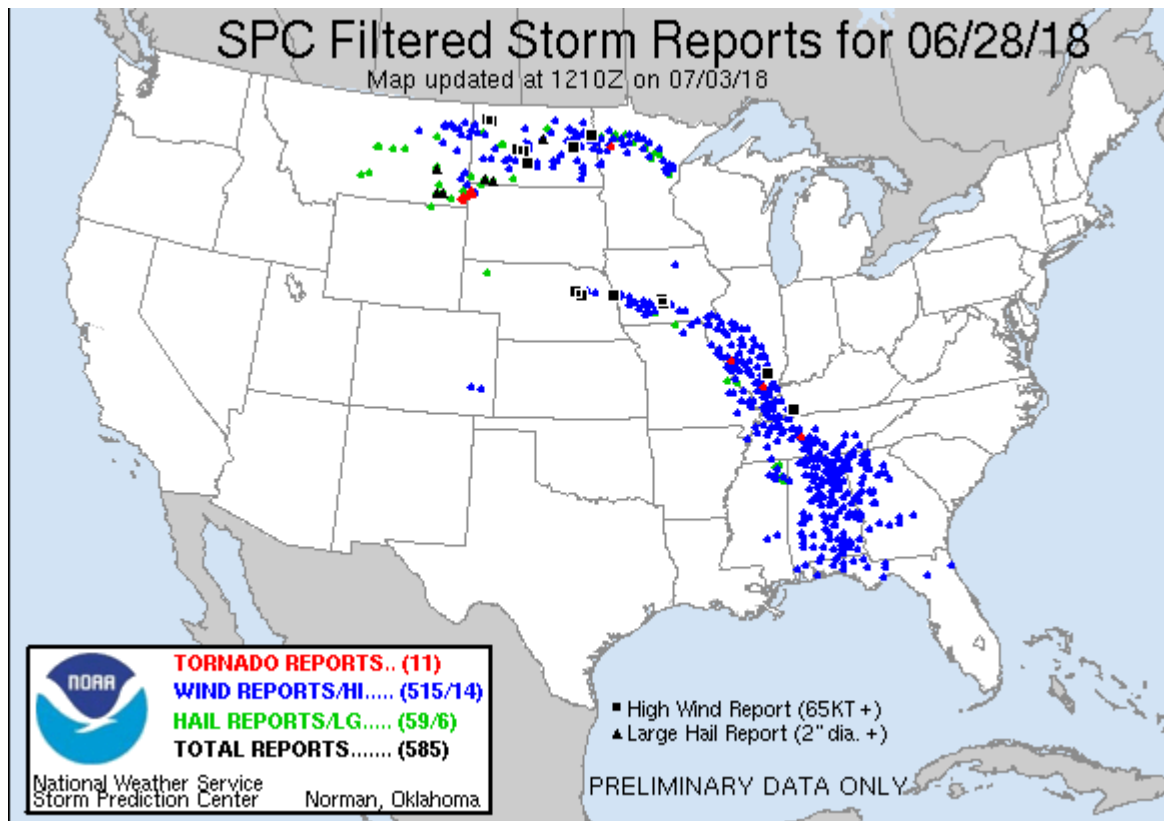
**Fire Danger:** The Interagency Fire Center forecasts all of Tennessee, and the southeast, to have below normal potential for significant wildland fire for the month of July.



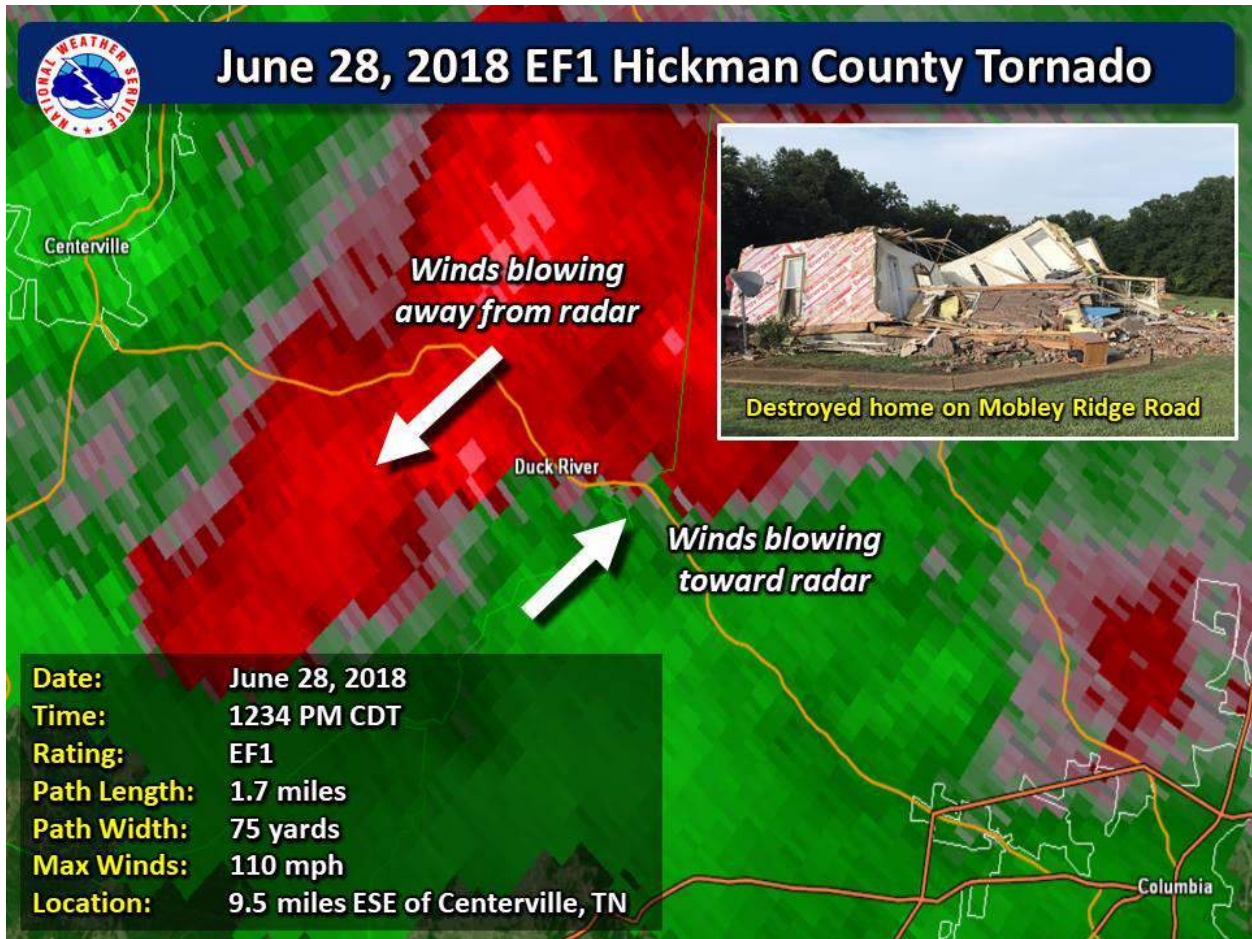
### Storm of the month:

The main weather story of the month for Tennessee was the numerous days of severe thunderstorms. Most notably would be the two derecho events that occurred on the 28<sup>th</sup> that swept through Tennessee from north to south producing 72 wind damage reports and spawning 1 tornado.

A derecho is defined as a widespread, long-lived wind storm. Derechos are associated with bands of rapidly moving showers or thunderstorms variously known as bow echoes, squall lines, or quasi-linear convective systems. There were two derechos that occurred on the 28<sup>th</sup>, one started mid-day in Tennessee, and then moved south through Alabama all the way to the northern Gulf Coast of Alabama and Florida, and a second started in Eastern Nebraska and then moved south into western areas of Tennessee in the evening/nighttime hours producing more wind damage reports, although the system weakened over the state.

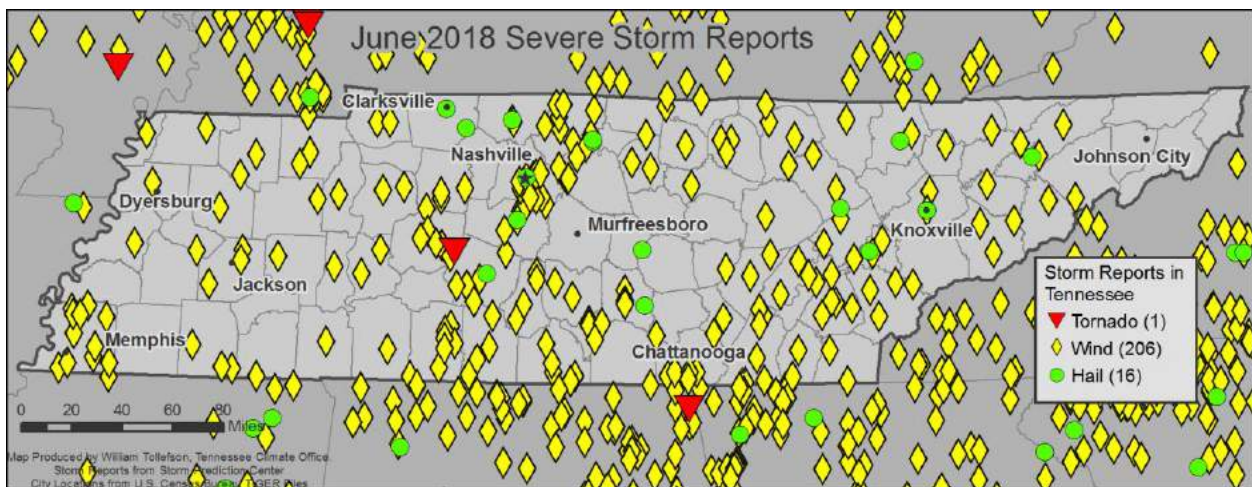


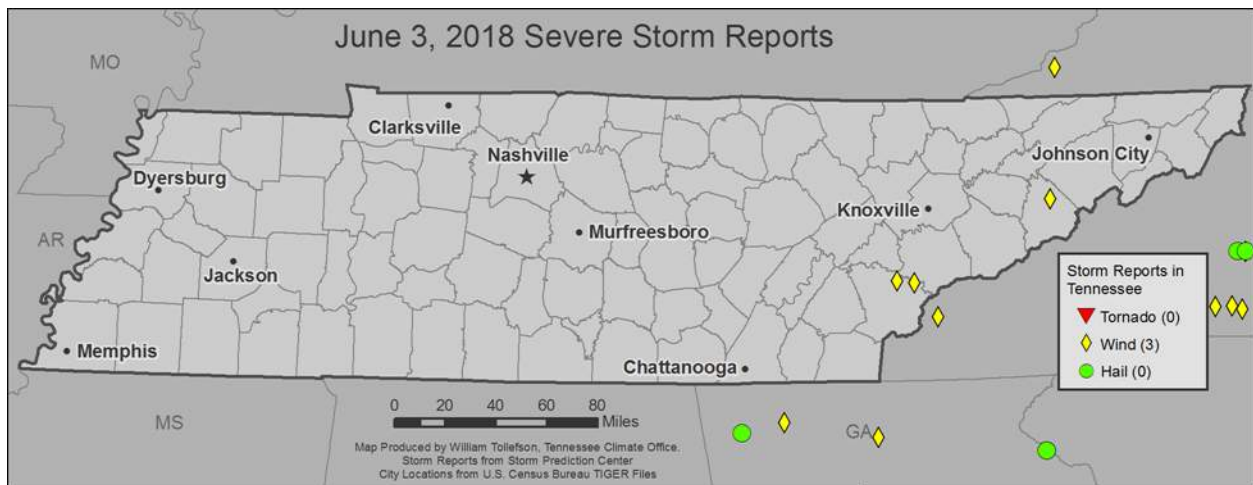
The severe storms that formed the first derecho also produced the tornado in Hickman County, near the Duck River, which had winds estimated up to 110mph, making it a strong EF1 tornado. This was the first reported tornado in the state of Tennessee since March 17<sup>th</sup> of this year, ending a streak of 103 days without a tornado. No tornado was reported in Tennessee for the entire Spring (March 21-June 21).



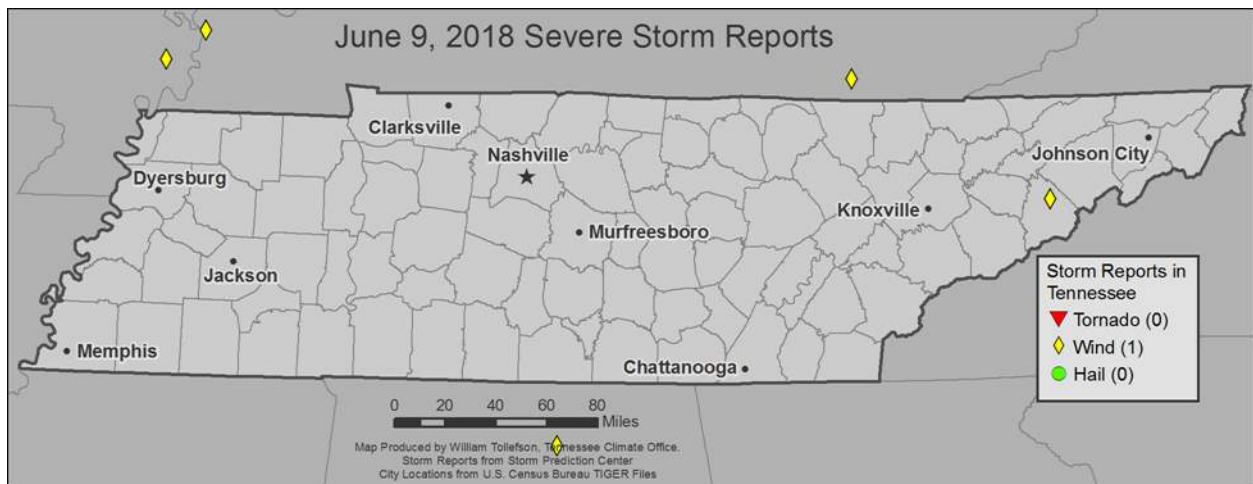
**Storm reports:**

At least 17 days during the month had reports of severe weather events. With a total of 1 tornado, 16 reports of severe hail ( $\geq 1''$  diameter), and 206 reports of wind damage. June 28<sup>th</sup> was the day with the most reports, with 1 tornado and 72 wind reports.

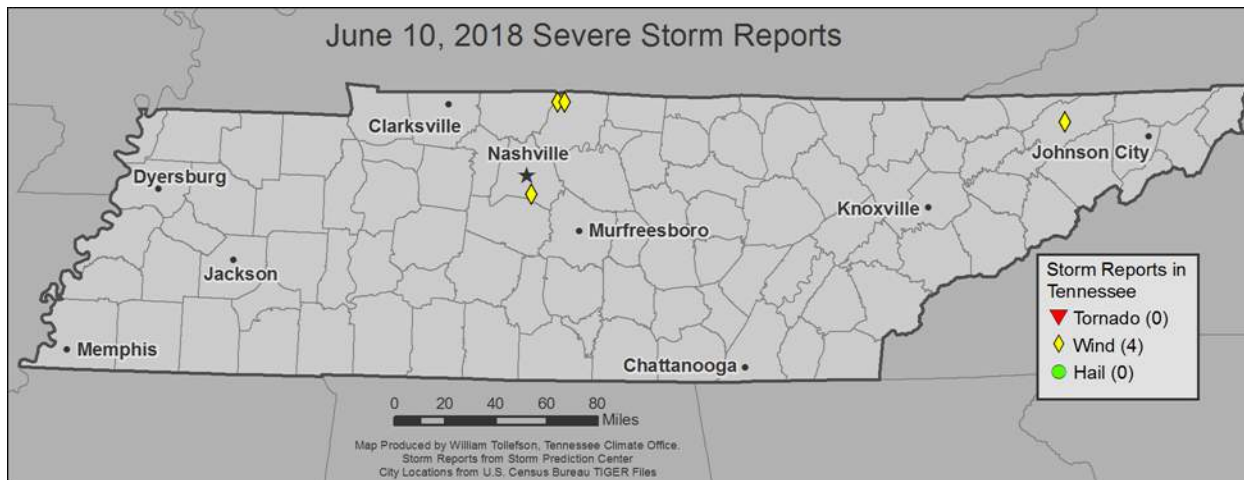




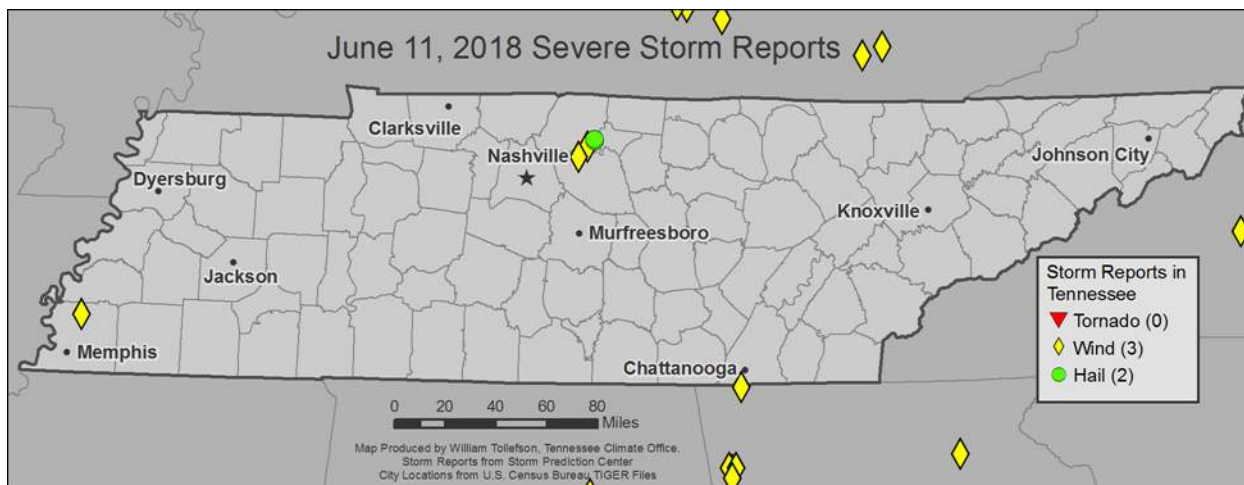
| Time  | Speed | Location      | County | Lat   | Lon    | Comments  |
|-------|-------|---------------|--------|-------|--------|---|
| 20:40 | UNK   | PARROTTSVILLE | COCKE  | 36.01 | -83.09 | A FEW TREES DOWN IN THE GENERAL AREA OF PARROTTSVILLE (MRX)                     |
| 21:05 | UNK   | TALASSEE      | BLOUNT | 35.55 | -84.06 | 1 TREE DOWN ON MULBERRY CREEK ROAD AT MOUNT PLEASANT ROAD (MRX)                 |
| 21:45 | UNK   | 4 SE VONORE   | MONROE | 35.56 | -84.18 | TWO TREES DOWN- ONE SE OF VONORE AND ONE NORTH OF THE TELlico PLAINS AREA (MRX) |



| Time | Speed | Location      | County | Lat   | Lon    | Comments                               |
|------|-------|---------------|--------|-------|--------|--|
| 3:15 | UNK   | PARROTTSVILLE | COCKE  | 36.01 | -83.09 | WINDS BLEW DOWN A METAL BUILDING (MRX) |

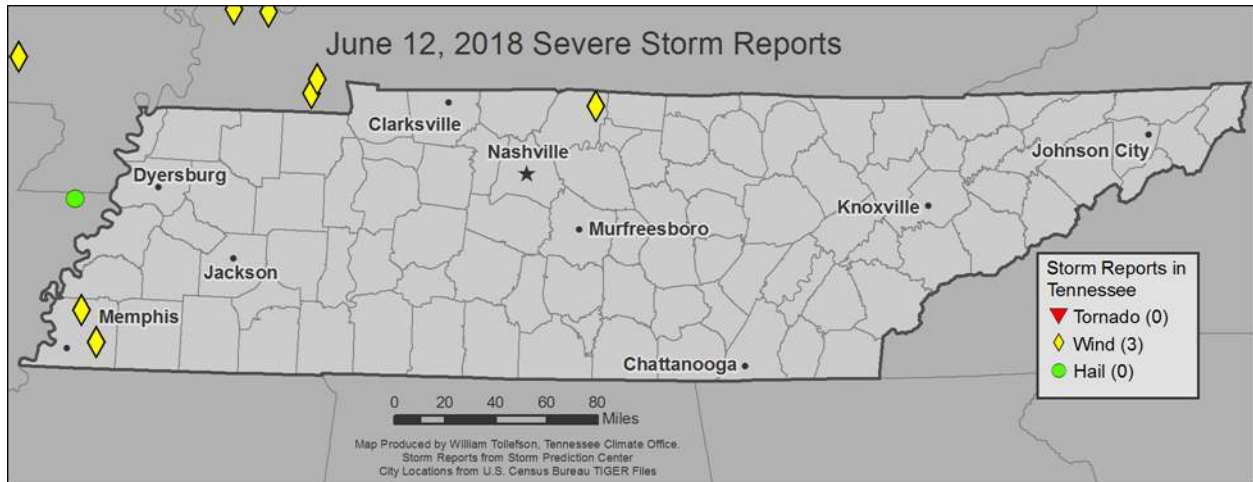


| Time  | Speed | Location         | County   | Lat   | Lon    | Comments   |
|-------|-------|------------------|----------|-------|--------|--|
| 12:27 | UNK   | 1 SE CRIEVE HALL | DAVIDSON | 36.06 | -86.75 | TREE SNAPPED IN ELLINGTON AGRICULTURAL CENTER. TIME ESTIMATED BASED ON RADAR. (OHX)  |
| 20:30 | UNK   | 3 W PORTLAND     | SUMNER   | 36.59 | -86.57 | FACEBOOK VIDEO SHOWED TREES AND POWER LINES DOWN IN THE SCATTERSVILLE COMMUNITY (OHX)                                      |
| 20:35 | UNK   | PORTLAND         | SUMNER   | 36.59 | -86.52 | DISPATCH REPORTS SEVERAL TREES AND POWERLINES DOWN ACROSS THE COUNTY; ESPECIALLY NORTH AND AROUND THE PORTLAND AREA. (OHX) |
| 20:45 | UNK   | 3 NE ROGERSVILLE | HAWKINS  | 36.44 | -82.97 | COUPLE TREES DOWN CENTRAL HAWKINS COUNTY (MRX)   |

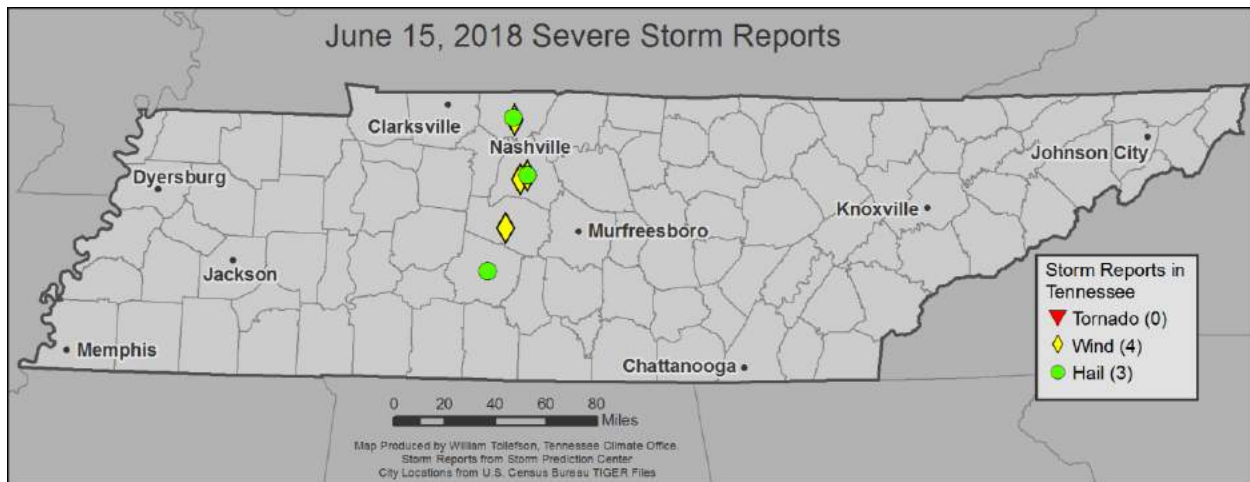


| Time | Size | Location              | County | Lat   | Lon    | Comments   |
|------|------|-----------------------|--------|-------|--------|--|
| 0:39 | 1"   | 1 S CASTALIAN SPRINGS | SUMNER | 36.38 | -86.31 | QUARTER SIZED HAIL ON SOUTH WRIGHT STREET IN CASTALIAN SPRINGS (OHX) |
| 0:39 | 1"   | CASTALIAN SPRINGS     | SUMNER | 36.39 | -86.31 | (OHX)  |

| Time | Speed | Location               | County | Lat   | Lon    | Comments  |
|------|-------|------------------------|--------|-------|--------|---|
| 0:27 | UNK   | 4 SW CASTALIAN SPRINGS | SUMNER | 36.35 | -86.36 | TREES DOWN ON ZEIGLERS FORT ROAD AND CAIRO ROAD NEAR BLEDSOE CREEK STATE PARK (OHX) |
| 1:00 | UNK   | 1 E LAGUARDO           | WILSON | 36.29 | -86.42 | TREE DOWN IN THE EAST LAGUARDO AREA (OHX)   |
| 1:50 | UNK   | MILLINGTON             | SHELBY | 35.33 | -89.89 | MULTIPLE SMALL TREES AND BRANCHES BLOWN DOWN WITH STRONG WINDS IN MILLINGTON. (MEG) |



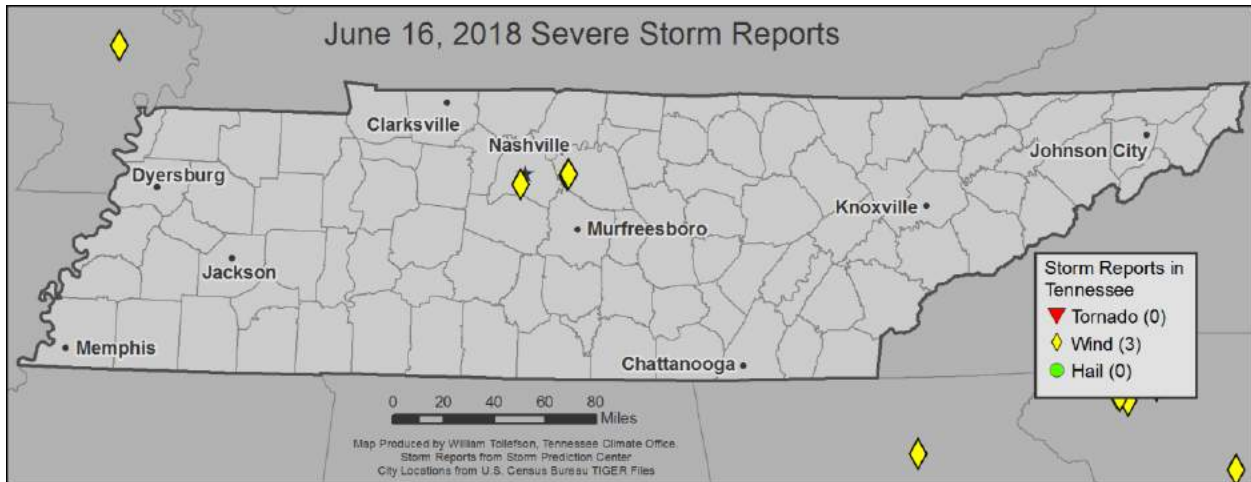
| Time | Speed | Location         | County | Lat   | Lon    | Comments   |
|------|-------|------------------|--------|-------|--------|--|
| 0:04 | UNK   | 3 W WESTMORELAND | SUMNER | 36.56 | -86.3  | TREE DOWN ON MOBILE HOME ON SMILEY TROUTT ROAD AND TREES DOWN AT HWY 52 AND ROUGES FORK CREEK ROAD WEST OF WESTMORELAND. (OHX) |
| 1:50 | UNK   | MILLINGTON       | SHELBY | 35.33 | -89.89 | MULTIPLE SMALL TREES AND BRANCHES BLOWN DOWN WITH STRONG WINDS IN MILLINGTON. (MEG)  |
| 2:00 | UNK   | CORDOVA          | SHELBY | 35.15 | -89.78 | LARGE TREE DOWN CLOSING DEXTER STREET NEAR ENTRANCE TO FLETCHER CREEK PARK. TIME ESTIMATED OFF RADAR. (MEG)                    |



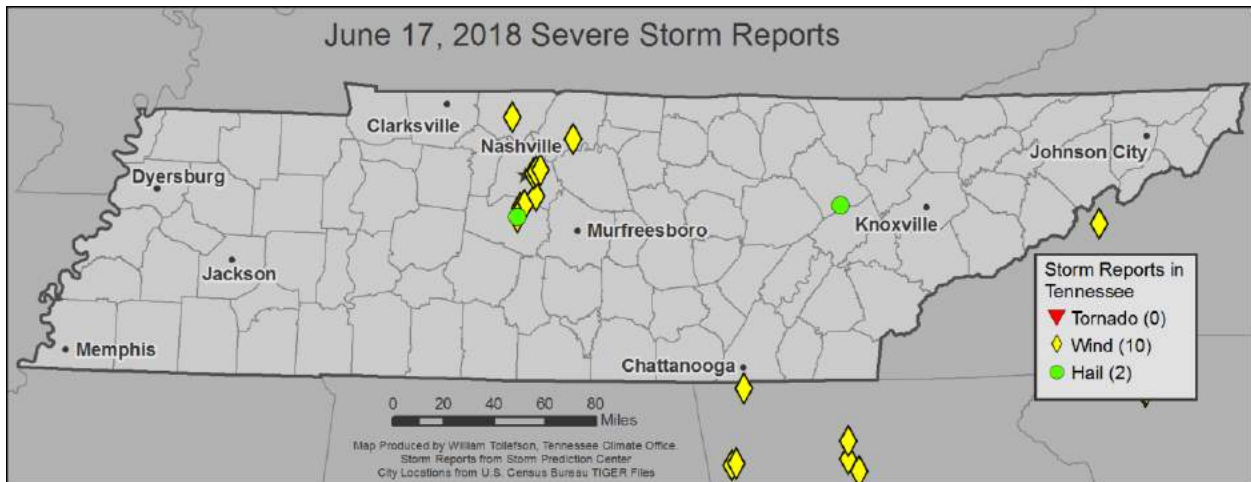
| Time  | Size | Location    | County    | Lat   | Lon    | Comments  |
|-------|------|-------------|-----------|-------|--------|---|
| 21:30 | 1"   | SPRINGFIELD | ROBERTSON | 36.5  | -86.88 | PICTURE OF QUARTER SIZE HAIL. (OHX)                                       |
| 22:45 | 1"   | NASHVILLE   | DAVIDSON  | 36.17 | -86.78 | PICTURE OF QUARTER SIZE HAIL NEAR TRINITY AND DICKERSON. (OHX)            |
| 23:47 | 1"   | COLUMBIA    | MAURY     | 35.62 | -87.05 | EM PASSED ALONG QUARTER SIZE HAIL ALONG OLD SUNNY SIDE IN COLUMBIA. (OHX) |

| Time  | Speed | Location                 | County     | Lat   | Lon    | Comments   |
|-------|-------|--------------------------|------------|-------|--------|--|
| 21:30 | UNK   | 1 SE SPRINGFIELD         | ROBERTSON  | 36.49 | -86.87 | TWITTER PHOTOS SHOWED LARGE TREE BLOWN DOWN IN SOUTHEAST SPRINGFIELD (OHX)   |
| 22:05 | UNK   | 1 SE WEST NASHVILLE      | DAVIDSON   | 36.15 | -86.83 | TREE DOWN IN THE ROAD ON SENTINEL DRIVE AND HALF OF A TREE DOWN IN THE YARD OF A HOME ON 37TH AVENUE IN SYLVAN HEIGHTS (OHX)     |
| 22:31 | UNK   | NASHVILLE                | DAVIDSON   | 36.17 | -86.78 | PICTURE OF A LIMB DOWN ON MUSIC ROW TOWARDS WEDGEWOOD. (OHX)   |
| 22:59 | UNK   | 4 NNW THOMPSON'S STATION | WILLIAMSON | 35.87 | -86.93 | TWITTER PHOTOS SHOWED SEVERAL TREES SNAPPED AND UPROOTED ALONG KING LANE. TWO CARS REPORTEDLY TOTALED DUE TO FALLEN TREES. (OHX) |





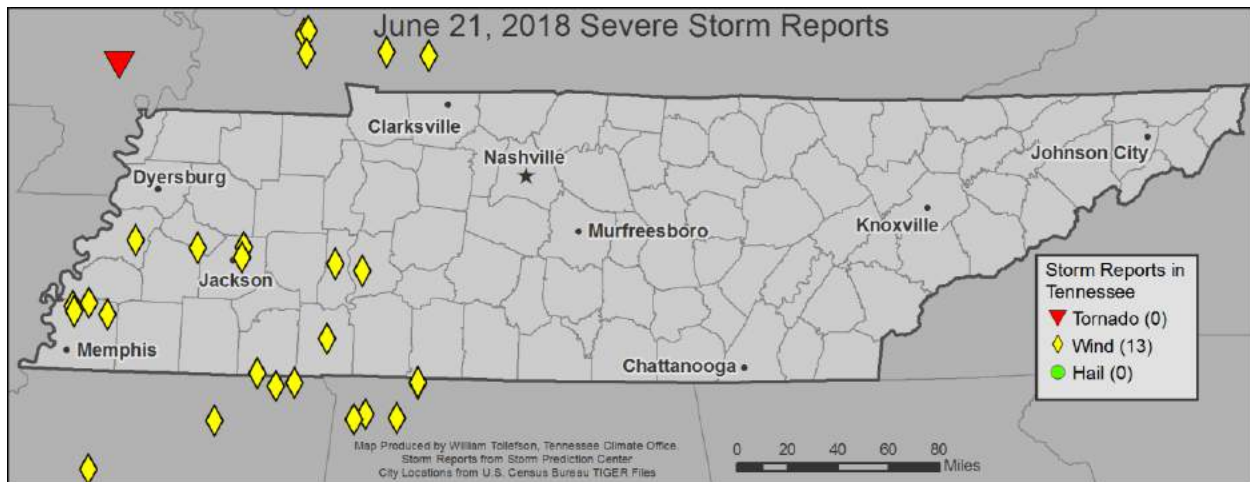
| Time  | Speed | Location          | County   | Lat   | Lon    | Comments  |
|-------|-------|-------------------|----------|-------|--------|---|
| 22:12 | UNK   | 1 SW BELINDA CITY | WILSON   | 36.16 | -86.49 | LIMBS WERE BLOWN DOWN BY ESTIMATED 40 MPH WIND GUST IN PROVIDENCE. PEA SIZE HAIL ALSO OCCURRED. (OHX) |
| 22:15 | UNK   | BELINDA CITY      | WILSON   | 36.17 | -86.48 | A LARGE TREE WAS BLOWN DOWN... BLOCKING WESTBOUND LANES ON BELINDA PARKWAY. (OHX)                     |
| 0:15  | UNK   | GREEN HILLS       | DAVIDSON | 36.11 | -86.82 | SEVERAL TREES DOWN BLOCKING WOODMONT BLVD BETWEEN ESTES ROAD AND HILLSBORO PIKE (OHX)                 |



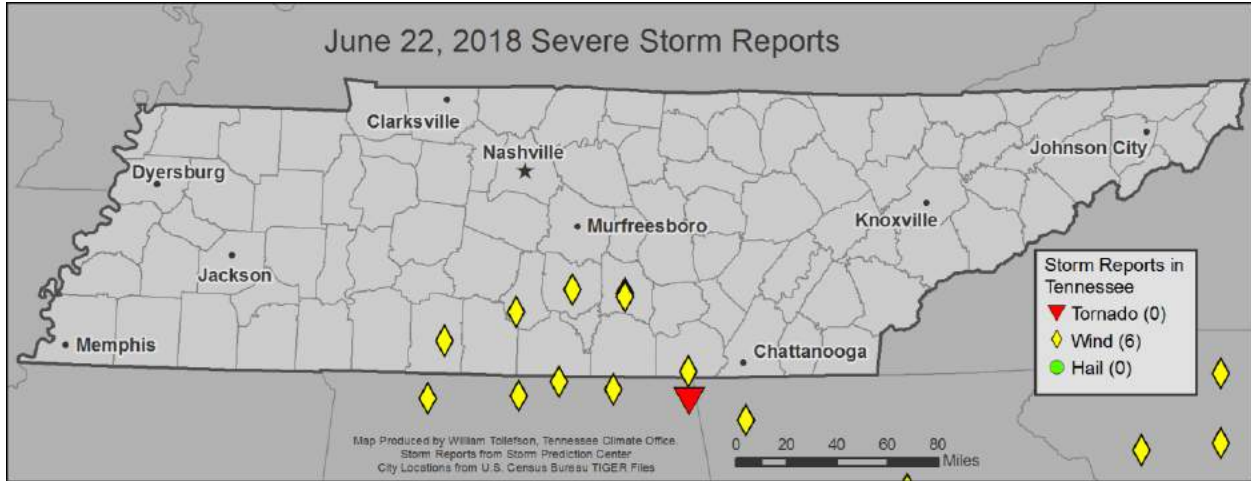
| Time  | Size | Location | County     | Lat   | Lon    | Comments   |
|-------|------|----------|------------|-------|--------|--|
| 20:31 | 1"   | FRANKLIN | WILLIAMSON | 35.93 | -86.84 | PICTURE OF QUARTER SIZE HAIL IN FRANKLIN. (OHX)      |
| 23:05 | 1"   | OAKDALE  | MORGAN     | 35.99 | -84.56 | DIME TO QUARTER SIZE HAIL REPORTED IN OAKDALE. (MRX) |

| Time  | Speed | Location        | County     | Lat   | Lon    | Comments  |
|-------|-------|-----------------|------------|-------|--------|---|
| 19:45 | UNK   | 2 WSW BRENTWOOD | WILLIAMSON | 35.98 | -86.82 | TWITTER PHOTO SHOWED A LARGE TREE SPLIT ON FRANKLIN ROAD SOUTH OF |

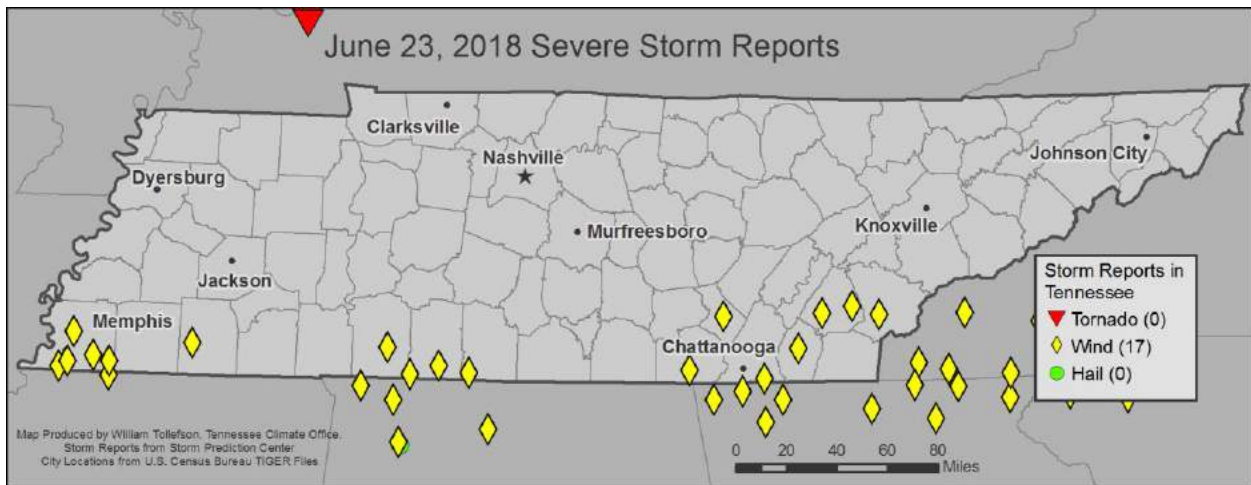
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|-------|-----|----------------------|------------|-------|--------|--|
|       |     |                      |            |       |        | CONCORD ROAD. TIME ESTIMATED VIA RADAR. (OHX)  |
| 19:50 | UNK | SPRINGFIELD          | ROBERTSON  | 36.5  | -86.88 | FACEBOOK REPORT OF SMALL TREE LIMBS SCATTERED AROUND FROM WIND. (OHX)  |
| 20:10 | UNK | 2 WSW ANTIOCH        | DAVIDSON   | 36.05 | -86.71 | SEVERAL TWITTER PHOTOS OF LARGE TREE LIMBS DOWN INCLUDING ONE ON A CAR NEAR OLD HICKORY BLVD AND NOLENSVILLE ROAD. (OHX)   |
| 20:15 | UNK | BRENTWOOD            | WILLIAMSON | 36    | -86.79 | REPORT OF A LARGE TREE DOWN SOUTH OF CONCORD OFF FRANKLIN ROAD. TIME ESTIMATED VIA RADAR. (OHX)  |
| 20:35 | UNK | BRENTWOOD            | WILLIAMSON | 36    | -86.79 | TWITTER PICTURE OF TREE LIMB DOWN (POSSIBLE ON A CAR) NEAR OLD HICKORY BLVD AND NOLENSVILLE ROAD. (OHX)  |
| 20:45 | UNK | FRANKLIN             | WILLIAMSON | 35.93 | -86.84 | A TWO AND A HALF INCH DIAMETER TREE DOWN BLOCKING BERRY CHAPEL ROAD NEAR LYNWOOD WAY. ALSO TREE DOWN AT LYNWOOD WAY NEAR FRANKLIN ROAD IN THE LYNWOOD DOWNS SUBDIVISION. (OHX) |
| 21:05 | UNK | 2 ENE EAST NASHVILLE | DAVIDSON   | 36.18 | -86.73 | SEVERAL TREES AND POWER LINES REPORTEDLY DOWN IN THE ROSEBANK AREA OF EAST NASHVILLE (OHX)   |
| 21:05 | UNK | 2 SE INGLEWOOD       | DAVIDSON   | 36.19 | -86.71 | A TREE FELL ON TWO CARS ON HAYDEN DRIVE AND A FALLEN TREE LIMB KNOCKED DOWN POWER LINES ON CAHAL AVENUE (OHX)  |
| 21:08 | UNK | 3 W HERMITAGE HILLS  | DAVIDSON   | 36.2  | -86.68 | SEVERAL TREES AND POWER LINES DOWN IN THE SUNSET VIEW NEIGHBORHOOD NEAR OPRY MILLS MALL (OHX)  |
| 21:28 | UNK | GALLATIN             | SUMNER     | 36.38 | -86.45 | REPORTS OF SEVERAL TREES DOWN ACROSS GALLATIN. (OHX)   |
| 0:37  | UNK | LINDEN               | PERRY      | 35.61 | -87.84 | TALKED TO DISPATCH AND GOT REPORTS OF NUMEROUS TREES DOWN ACROSS PERRY COUNTY. TIME ESTIMATED VIA RADAR. (OHX)   |



| Time  | Speed | Location         | County     | Lat   | Lon    | Comments   |
|-------|-------|------------------|------------|-------|--------|--|
| 21:27 | UNK   | 4 WNW MILLINGTON | SHELBY     | 35.36 | -89.95 | TREES DOWN AT HERRING HILL ROAD AND SAINT PAUL ROAD. (MEG)   |
| 21:33 | UNK   | 3 W MILLINGTON   | SHELBY     | 35.33 | -89.94 | TREES DOWN AT INTERSECTION OF SHELBY ROAD AND SHAKERAG ROAD. TIME OF EVENT IS RADAR ESTIMATED. (MEG) |
| 21:43 | UNK   | 4 NW ARLINGTON   | SHELBY     | 35.32 | -89.71 | TREES DOWN AT THE INTERSECTION OF PLEASANT RIDGE AND OSBORN ROADS. (MEG)                             |
| 21:43 | UNK   | 4 NE MILLINGTON  | SHELBY     | 35.38 | -89.84 | TREES DOWN AT THE INTERSECTION OF MUDVILLE AND EDMOND ORGILL ROADS. (MEG)                            |
| 21:45 | UNK   | RIPLEY           | LAUDERDALE | 35.75 | -89.53 | ROOF RIPPED OFF A HOTEL. (MEG)   |
| 22:23 | UNK   | BELLS            | CROCKETT   | 35.72 | -89.09 | POWERLINES AND TREES DOWN NEAR BELLS AND CYPRESS COMMUNITY. ALSO... A SHED WAS DESTROYED. (MEG)      |
| 22:47 | UNK   | 2 NE OAKFIELD    | MADISON    | 35.73 | -88.77 | LARGE TREES DOWN BLOCKING ROADWAY ON CHRISTMASVILLE ROAD JUST NORTH OF KEY SENTER ROAD. (MEG)        |
| 22:53 | UNK   | 4 NE JACKSON     | MADISON    | 35.67 | -88.78 | TREE ON CAR ON HIGHWAY 70 EAST AT HIGHWAY 412. (MEG)   |
| 23:37 | UNK   | CHEWALLA         | MCNAIRY    | 35.01 | -88.65 | MULTIPLE TREES DOWN IN THE TOWN OF CHEWALLA. TIME IS RADAR ESTIMATED. (MEG)                          |
| 23:45 | UNK   | CHEWALLA         | MCNAIRY    | 35.01 | -88.65 | MULTIPLE TREES DOWN IN THE TOWN OF CHEWALLA. TIME IS RADAR ESTIMATED. (MEG)                          |
| 23:48 | UNK   | PARSONS          | DECATUR    | 35.65 | -88.12 | TREE DOWN ACROSS GEORGIA AVE AND 7TH STREET. TIME IS RADAR ESTIMATED. (MEG)                          |
| 0:01  | UNK   | 5 W LINDEN       | PERRY      | 35.61 | -87.93 | 1 TREE DOWN WEST OF LINDEN. (OHX)  |
| 0:15  | UNK   | 4 E SAVANNAH     | HARDIN     | 35.22 | -88.17 | LARGE TREE DOWN ON 1400 OLD TOWN LOOP (MEG)  |

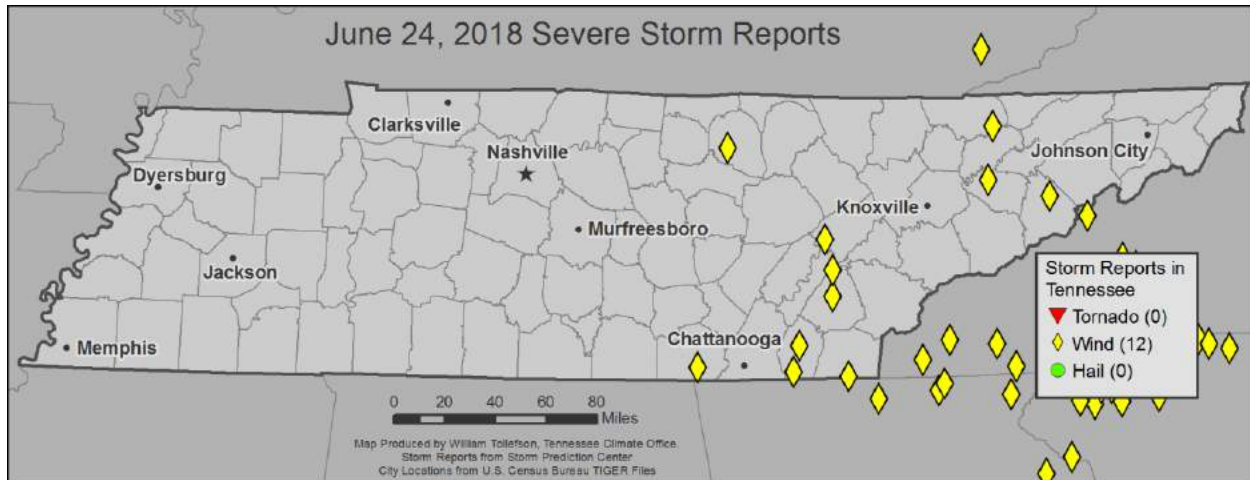


| Time  | Speed | Location            | County   | Lat   | Lon    | Comments  |
|-------|-------|---------------------|----------|-------|--------|---|
| 17:45 | UNK   | MANCHESTER          | COFFEE   | 35.47 | -86.08 | DAMAGE TO A RESIDENCE... INCLUDING ROOF DAMAGE AND TREES DOWN ON GREENBRIER DR. (OHX)                           |
| 17:46 | UNK   | 4 S LAWRENCEBUR G   | LAWRENCE | 35.19 | -87.34 | 40-50 TREES DOWN ALONG SHOAL CREEK ROAD WEST OF THE COMMUNITY OF LEOMA. 4 HOMES DAMAGED FROM THESE TREES. (OHX) |
| 18:05 | UNK   | CORNERSVILLE        | MARSHALL | 35.36 | -86.84 | TREE DOWN IN CORNERSVILLE (OHX)   |
| 18:25 | UNK   | SHELBYVILLE         | BEDFORD  | 35.49 | -86.45 | TREES DOWN ON GAITHER RD. (OHX)   |
| 18:45 | UNK   | 1 S MANCHESTER      | COFFEE   | 35.45 | -86.08 | LARGE LIMBS BROKEN OFF SEVERAL TREES ON THE SOUTH END OF MANCHESTER (OHX)                                       |
| 19:25 | UNK   | 4 E SOUTH PITTSBURG | MARION   | 35.02 | -85.64 | FOUR TREES DOWN ON HIGHWAY 134 NEAR THE DADE/MARION COUNTY LINE. (MRX)  |

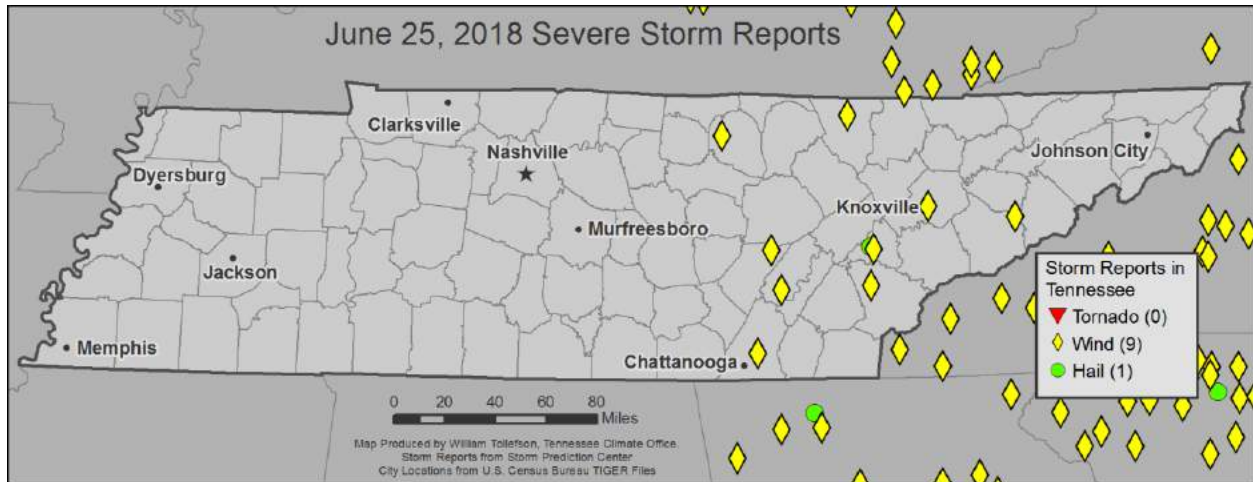


| Time  | Speed | Location   | County | Lat   | Lon    | Comments   |
|-------|-------|------------|--------|-------|--------|--|
| 13:07 | UNK   | WHITEHAVEN | SHELBY | 35.02 | -90.03 | PICTURE ON SOCIAL MEDIA OF LARGE TREES UPROOTED AND A POWER POLE |

|       |     |                     |            |       |        |   |
|-------|-----|---------------------|------------|-------|--------|---|
|       |     |                     |            |       |        | SNAPPED IN WHITEHAVEN. TIME OF EVENT IS RADAR ESTIMATED. (MEG)  |
| 13:13 | 65  | 5 NNE SOUTHAVEN     | SHELBY     | 35.05 | -89.97 | THE INTEGRATED TERMINAL WEATHER SYSTEM AT THE MEMPHIS INTERNATIONAL AIRPORT REPORTED A WIND GUST OF 65 MPH. (MEG) |
| 13:15 | UNK | GERMANTOWN          | SHELBY     | 35.09 | -89.79 | MULTIPLE FALLEN TREES REPORTED BY LAW ENFORCEMENT IN GERMANTOWN. TIME OF EVENT IS RADAR ESTIMATED. (MEG)          |
| 13:30 | UNK | COLLIERVILLE        | SHELBY     | 35.06 | -89.68 | PICTURE ON SOCIAL MEDIA OF MULTIPLE TREES DOWN IN COLLIERVILLE. TIME OF EVENT IS RADAR ESTIMATED. (MEG)           |
| 14:05 | UNK | 2 NE HICKORY VALLEY | HARDEMAN   | 35.18 | -89.1  | TREES DOWN ON HIGHWAY 18 NEAR HICKORY VALLEY. TIME ESTIMATED BY RADAR. DELAYED REPORT. (MEG)                      |
| 15:42 | UNK | COLLINWOOD          | WAYNE      | 35.18 | -87.74 | REPORT OF SEVERAL TREES DOWN IN COLINWOOD ON 7TH AVENUE. TIME IS ESTIMATED VIA RADAR. (OHX)                       |
| 15:54 | UNK | IRON CITY           | LAWRENCE   | 35.03 | -87.58 | TREES DOWN IN IRON CITY AND ST. JOSEPH. TIME IS ESTIMATED FROM RADAR. (OHX)                                       |
| 16:06 | UNK | 3 E LORETTO         | LAWRENCE   | 35.08 | -87.38 | REPORT OF A PERSON TRAPPED IN A STRUCTURE DUE TO DOWN TREES ON JOHNSON LAKE ROAD. (OHX)                           |
| 16:14 | UNK | MINOR HILL          | GILES      | 35.04 | -87.17 | SEVERAL LARGE TREES DOWN IN THE MINOR HILL AREA. TIME IS ESTIMATED VIA RADAR. (OHX)                               |
| 17:50 | UNK | JASPER              | MARION     | 35.06 | -85.63 | WIDESPREAD WIND DAMAGE TO TREES ACROSS THE COUNTY. (MRX)  |
| 18:12 | UNK | EAST BRAINERD       | HAMILTON   | 35.01 | -85.11 | TREES DOWN ON A FEW HOUSES IN A SMALL AREA ON MAPLEWOOD DRIVE. POSSIBLE MICROBURST. (MRX)                         |
| 18:15 | UNK | DUNLAP              | SEQUATCHIE | 35.37 | -85.39 | DOWNED TREES BLOCKING ROADWAYS AT FOUR PLACES ACROSS THE COUNTY. (MRX)  |
| 18:40 | UNK | CLEVELAND           | BRADLEY    | 35.18 | -84.87 | NUMEROUS TREES DOWN...SOME DAMAGING STRUCTURES... SOME BLOCKING ROADS. (MRX)                                      |
| 19:05 | UNK | RICEVILLE           | MCMINN     | 35.38 | -84.7  | SEVERAL TREES DOWN AROUND THE AREA. (MRX)   |
| 19:15 | UNK | TELLICO PLAINS      | MONROE     | 35.37 | -84.3  | TREES DOWN. (MRX)   |
| 19:15 | UNK | ENGLEWOOD           | MCMINN     | 35.42 | -84.49 | TREES DOWN. (MRX)   |
| 1157  | UNK | 2 E FRAYSER         | SHELBY     | 35.22 | -89.93 | PUBLIC REPORTED TREES DOWN IN FRAYSER... TIME ESTIMATED BY RADAR. (MEG)   |

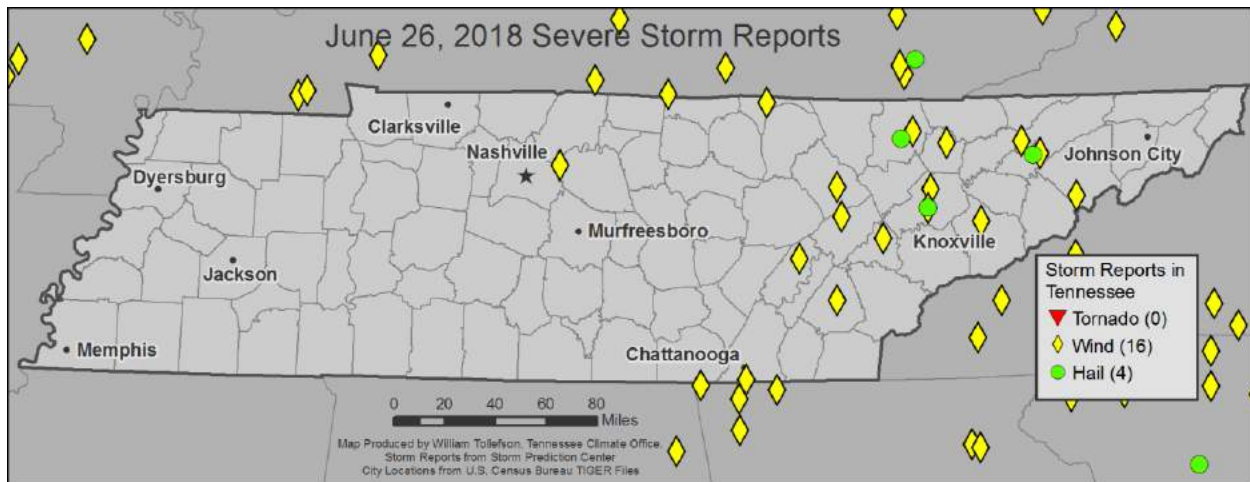


| Time  | Speed | Location                | County    | Lat   | Lon    | Comments   |
|-------|-------|-------------------------|-----------|-------|--------|--|
| 20:28 | UNK   | 2 WSW<br>JEFFERSON CITY | JEFFERSON | 36.11 | -83.52 | A FEW TREES DOWN NEAR DISPATCH CENTER. (MRX)                     |
| 20:45 | UNK   | 2 WNW ATHENS            | MCMINN    | 35.46 | -84.63 | MULTIPLE TREES DOWN IN THE COUNTY. (MRX)                         |
| 21:05 | UNK   | PARROTTSVILLE           | COCKE     | 36.01 | -83.09 | SEVERAL TREES DOWN. (MRX)  |
| 21:10 | UNK   | 5 SSW<br>LIVINGSTON     | OVERTON   | 36.32 | -85.36 | TREES DOWN OVER A CARPORT AND TWO VEHICLES ON RICKMAN RD. (OHX)  |
| 21:20 | UNK   | 3 E JASPER              | MARION    | 35.06 | -85.58 | SEVERAL TREES DOWN. (MRX)  |
| 21:30 | UNK   | CLEVELAND               | BRADLEY   | 35.18 | -84.87 | SEVERAL TREES DOWN IN THE CLEVELAND AREA. (MRX)                  |
| 21:40 | UNK   | 6 S ROCKWOOD            | ROANE     | 35.79 | -84.68 | MULTIPLE TREES DOWN. (MRX)                                       |
| 21:55 | UNK   | BIG FROG MOUNTAIN       | POLK      | 35    | -84.53 | SEVERAL TREES DOWN NEAR BIG FROG MOUNTAIN. (MRX)                 |
| 22:00 | UNK   | FLINT SPRINGS           | BRADLEY   | 35.03 | -84.91 | TREES DOWN NEAR FLINT SPRINGS. (MRX)                             |
| 22:00 | UNK   | 6 ESE TAZEWELL          | CLAIBORNE | 36.42 | -83.48 | MULTIPLE TREES DOWN. (MRX)                                       |
| 22:15 | UNK   | 6 ESE TAZEWELL          | CLAIBORNE | 36.42 | -83.48 | MULTIPLE TREES DOWN. (MRX)                                       |
| 22:40 | UNK   | MURRAY STORE            | MCMINN    | 35.61 | -84.63 | SEVERAL TREES DOWN REPORTED ACROSS NORTHERN MCMINN COUNTY. (MRX) |



| Time  | Size | Location | County | Lat   | Lon    | Comments |
|-------|------|----------|--------|-------|--------|----------|
| 17:15 | 1"   | LOUDON   | LOUDON | 35.74 | -84.36 | (MRX)    |

| Time  | Speed | Location          | County   | Lat   | Lon    | Comments   |
|-------|-------|-------------------|----------|-------|--------|--|
| 15:40 | UNK   | MELVINE           | BLED SOE | 35.73 | -85.06 | A FEW TREES DOWN. (MRX)  |
| 17:25 | UNK   | 5 NE PHILADELPHIA | LOUDON   | 35.73 | -84.34 | TWO TREES WERE REPORTED DOWN FIVE MILES NORTHEAST OF PHILADELPHIA. (MRX)   |
| 17:30 | UNK   | KNOXVILLE         | KNOX     | 35.97 | -83.95 | TREES AND POWER LINES WERE REPORTED DOWN IN THE EASTERN PART OF KNOXVILLE. (MRX)   |
| 17:55 | UNK   | 1 NW HARRISON     | HAMILTON | 35.14 | -85.16 | NUMEROUS TREES WERE REPORTED DOWN WITH MANY HOMES DAMAGED BY FALLING LIMBS. ONE HOME WAS DESTROYED BY THE COMBINATION OF FALLING TREES AND LIMBS. (MRX)                        |
| 18:00 | UNK   | SSE ONEIDA        | SCOTT    | 36.5  | -84.51 | TREES WERE REPORTED DOWN IN ONEIDA. (MRX)  |
| 18:10 | UNK   | 2 ENE DAYTON      | RHEA     | 35.5  | -84.99 | NUMEROUS TREES AND POWER LINES WERE REPORTED DOWN... AND THERE WAS A PARTIAL COLLAPSE OF A BUILDING NEAR THE INTERSECTION OF OLD WASHINGTON HIGHWAY AND SHIPLEY LANE TWO (MRX) |
| 18:15 | UNK   | 2 S CHESTNUT HILL | SEVIER   | 35.9  | -83.34 | TREES WERE REPORTED DOWN TWO MILES SOUTH OF CHESTNUT HILL. (MRX)   |
| 18:26 | UNK   | MADISONVILLE      | MONROE   | 35.52 | -84.36 | NUMEROUS TREES WERE REPORTED DOWN IN MADISONVILLE. (MRX)   |
| 22:49 | UNK   | 4 W LIVINGSTON    | OVERTON  | 36.39 | -85.4  | OVERTON SHERIFF'S OFFICE REPORTED A TREE BLOWN DOWN ON HIGHWAY 85/HILHAM RD NEAR LIVINGSTON. DIME SIZE HAIL ALSO REPORTED WITH THE SAME STORM. (OHX)                           |

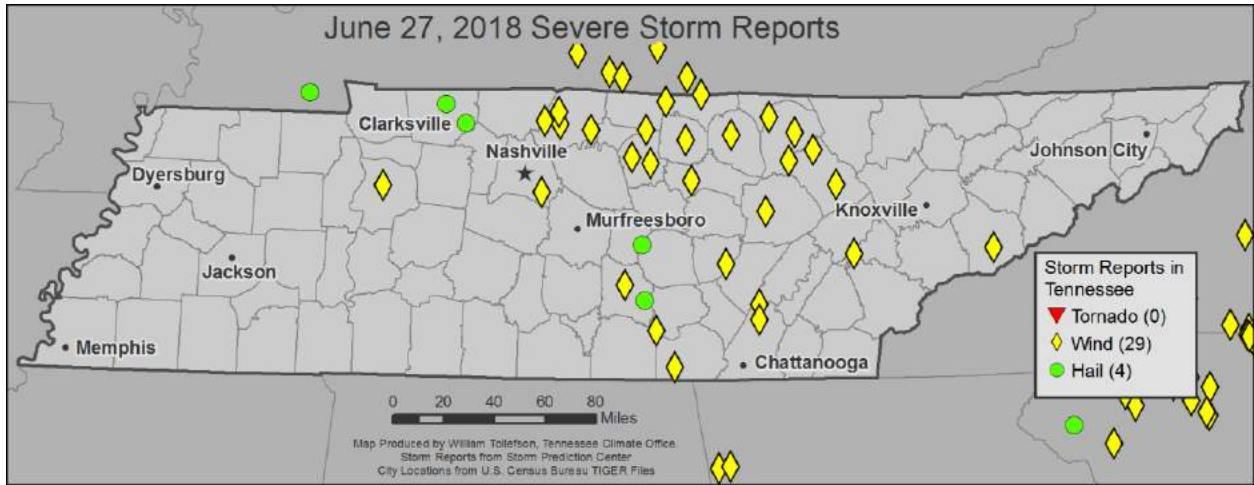


| Time  | Size  | Location     | County   | Lat   | Lon    | Comments  |
|-------|-------|--------------|----------|-------|--------|---|
| 20:10 | 1.75" | LA FOLLETTE  | CAMPBELL | 36.37 | -84.13 | (MRX)   |
| 20:20 | 1"    | KNOXVILLE    | KNOX     | 35.97 | -83.95 | REPORTED AT DIFFERENT LOCATIONS ACROSS KNOXVILLE. (MRX) |
| 20:20 | 1"    | RUSSELLVILLE | HAMBLÉN  | 36.26 | -83.2  | (MRX)   |
| 21:20 | 1"    | KNOXVILLE    | KNOX     | 35.97 | -83.95 | REPORTED AT DIFFERENT LOCATIONS ACROSS KNOXVILLE. (MRX) |

| Time  | Speed | Location           | County   | Lat   | Lon    | Comments   |
|-------|-------|--------------------|----------|-------|--------|--|
| 19:30 | UNK   | 3 ENE BYRDSTOWN    | PICKETT  | 36.59 | -85.08 | TREE DOWN AT 1750 PARKER ROAD (OHX)  |
| 20:05 | UNK   | BEAN STATION       | GRAINGER | 36.34 | -83.28 | COUPLE TREES DOWN. (MRX)   |
| 20:25 | UNK   | 3 ENE RUSSELLVILLE | HAMBLÉN  | 36.27 | -83.15 | SEVERAL TREES DOWN. (MRX)  |
| 20:30 | UNK   | FINCASTLE          | CAMPBELL | 36.41 | -84.05 | SEVERAL TREES DOWN. (MRX)  |
| 20:40 | UNK   | WARTBURG           | MORGAN   | 36.1  | -84.59 | SEVERAL TREES DOWN. (MRX)  |
| 20:45 | UNK   | SHARPS CHAPEL      | UNION    | 36.34 | -83.81 | NUMEROUS TREES DOWN...MAINLY ACROSS THE EASTERN AND NORTHEASTERN PORTIONS OF THE COUNTY. (MRX) |
| 20:55 | UNK   | HALLS              | KNOX     | 36.08 | -83.93 | ONE LARGE TREE DOWN (MRX)  |
| 21:15 | UNK   | KNOXVILLE          | KNOX     | 35.97 | -83.95 | SEVERAL TREES DOWN. (MRX)  |
| 21:20 | UNK   | HARRIMAN           | ROANE    | 35.93 | -84.56 | SEVERAL TREES DOWN. (MRX)  |
| 21:30 | UNK   | CEDAR CREEK        | GREENE   | 36.02 | -82.9  | FEW TREES DOWN. (MRX)  |
| 21:40 | UNK   | SEVIERVILLE        | SEVIER   | 35.89 | -83.58 | SEVERAL TREES DOWN. (MRX)  |
| 21:45 | UNK   | LENOIR CITY        | LOUDON   | 35.8  | -84.27 | COUPLE TREES DOWN. (MRX)   |
| 21:55 | UNK   | SPRING CITY        | RHEA     | 35.69 | -84.86 | SEVERAL TREES DOWN. (MRX)  |
| 22:35 | UNK   | ATHENS             | MCMINN   | 35.45 | -84.6  | TREES AND POWERLINES DOWN. (MRX)   |
| 0:10  | UNK   | 5 SSE CHATTANOOGA  | HAMILTON | 35    | -85.24 | SMALL TREE ON HOME (MRX)   |
| 11:36 | UNK   | 1 ESE GREEN HILL   | WILSON   | 36.23 | -86.55 | TREE DOWN BLOCKING ENTIRE ROADWAY IN 500 BLOCK OF GLEN ECHO                                    |



|  |  |  |  |  |  |   |
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|  |  |  |  |  |  | DRIVE. TIME ESTIMATED BASED ON RADAR. (OHX) |
|--|--|--|--|--|--|---|

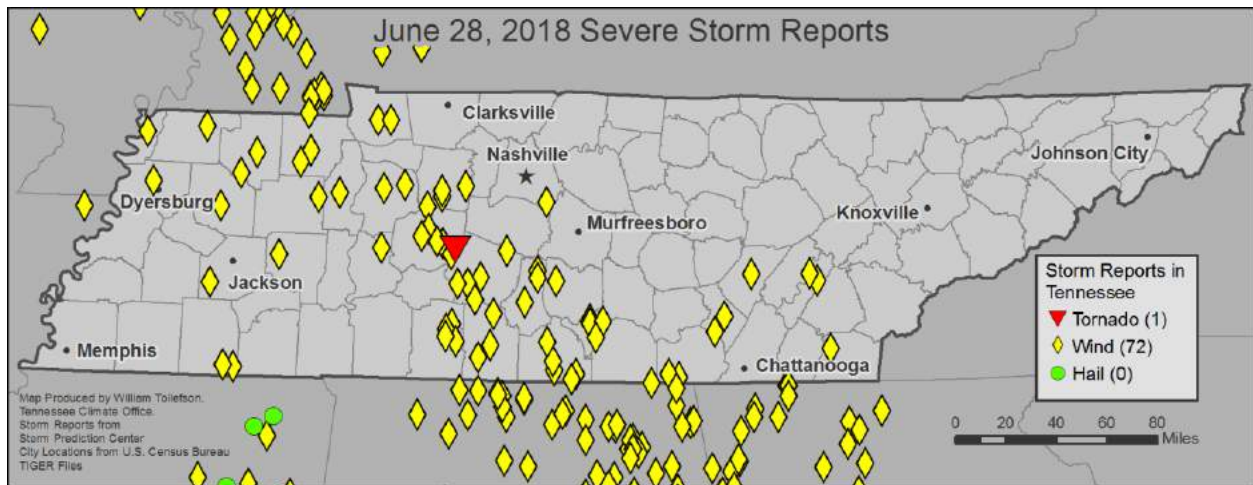


| Time  | Size | Location          | County     | Lat   | Lon    | Comments   |
|-------|------|-------------------|------------|-------|--------|--|
| 21:24 | 1"   | 11 SE CLARKSVILLE | MONTGOMERY | 36.45 | -87.21 | QUARTER SIZED HAIL REPORTED IN CLARKSVILLE. (OHX)                        |
| 21:24 | 1"   | N CLARKSVILLE     | MONTGOMERY | 36.56 | -87.35 | QUARTER SIZED HAIL REPORTED IN CLARKSVILLE. (OHX)                        |
| 23:28 | 1"   | 3 NW CENTERTOWN   | WARREN     | 35.76 | -85.96 | (OHX)  |
| 23:40 | 1"   | 8 SSW VIOLA       | COFFEE     | 35.44 | -85.94 | FACEBOOK VIDEO SHOWED PEA TO QUARTER SIZE HAIL FELL NEAR HILLSBORO (OHX) |

| Time  | Speed | Location                | County    | Lat   | Lon    | Comments   |
|-------|-------|-------------------------|-----------|-------|--------|--|
| 17:30 | UNK   | 8 SE SPENCER            | VAN BUREN | 35.65 | -85.37 | PARK MANAGER ESTIMATED A COUPLE HUNDRED TREES WERE BLOWN DOWN IN FALL CREEK FALLS STATE PARK. THREE CABINS WERE DAMAGED FROM FALLEN TREES ALONG WITH SEVERAL CAMPERS AND (OHX) |
| 19:36 | UNK   | 5 NNW CELINA            | CLAY      | 36.62 | -85.54 | TREES REPORTED DOWN ALONG NEW HOPE ROAD (OHX)  |
| 19:50 | UNK   | 5 NE RED BOILING SPRING | CLAY      | 36.58 | -85.79 | SEVERAL TREES DOWN INCLUDING ONE ON A CAR IN HAPPY SPRINGS ROAD HWY 52 W. (OHX)  |
| 19:52 | UNK   | NW LIVINGSTON           | OVERTON   | 36.39 | -85.33 | TREES DOWN 204 WEST HENSON STREET ALONG WITH POWER LINES DOWN OAK AND WEST FOURTH STREET IN LIVINGSTON. (OHX)  |
| 19:59 | UNK   | N GAINESBORO            | JACKSON   | 36.36 | -85.65 | TREES REPORTED DOWN IN THE CITY OF GAINESBORO. (OHX)   |
| 20:25 | UNK   | WAVERLY                 | HUMPHREYS | 36.09 | -87.79 | TREES AND POWER LINES DOWN MAINLY IN THE NORTH PART OF THE CITY (OHX)  |

|       |     |                         |            |       |        |  |
|-------|-----|-------------------------|------------|-------|--------|--|
| 20:30 | UNK | 4 ESE GRIMSLEY          | FENTRESS   | 36.24 | -84.92 | SEVERAL TREES REPORTED DOWN STANDING ROCK ROAD ALONG THE FENTRESS MORGAN COUNTY LINE. (OHX)    |
| 21:00 | UNK | 4 N MANCHESTER          | COFFEE     | 35.53 | -86.08 | SIX TREES DOWN IN NEW UNION AREA (OHX)   |
| 21:05 | UNK | 3 W CROSSVILLE          | CUMBERLAND | 35.95 | -85.09 | ONE TREE DOWN ON MAIN POWERLINE ON HWY 70 WEST OF CROSSVILLE CAUSING POWER OUTAGES (OHX)       |
| 21:14 | UNK | 3 SE CARTHAGE           | SMITH      | 36.23 | -85.9  | TREES DOWN ON HIGHWAY 70 EAST CAUSING MOTOR VEHICLE ACCIDENT. (OHX)                            |
| 21:14 | UNK | 5 W CARTHAGE            | SMITH      | 36.26 | -86.03 | TREES DOWN ON HWY 70 CAUSING MOTOR VEHICLE ACCIDENT. (OHX)                                     |
| 21:15 | UNK | N WHITE HOUSE           | SUMNER     | 36.47 | -86.65 | TREES DOWN NEAR MOUNT VERNON ROAD IN WHITE HOUSE (OHX)   |
| 21:19 | UNK | 5 NE RED BOILING SPRING | CLAY       | 36.58 | -85.79 | SEVERAL TREES DOWN INCLUDING ONE ON A CAR IN HAPPY SPRINGS ROAD HWY 52 W. (OHX)                |
| 21:25 | UNK | N COTTONTOWN            | SUMNER     | 36.45 | -86.54 | TREES REPORTED DOWN ALONG JONES ROAD IN COTTONTOWN. (OHX)                                      |
| 21:26 | UNK | 5 SSW PORTLAND          | SUMNER     | 36.52 | -86.55 | SEVERAL TREES DOWN AND A FEW UPROOTED ALONG BRANDY HOLLOW ROAD IN PORTLAND. (OHX)              |
| 21:38 | UNK | 4 WNW PHILADELPHIA      | LOUDON     | 35.7  | -84.47 | A FEW TREES WERE REPORTED DOWN FOUR MILES WEST NORTHWEST OF PHILADELPHIA. (MRX)                |
| 21:45 | UNK | 2 NNW CASTALIAN SPRINGS | SUMNER     | 36.42 | -86.32 | SEVERAL TREES DOWN WITH CARS TRAPPED IN BETWEEN ON GREENFIELD LANE IN CASTALIAN SPRINGS. (OHX) |
| 22:04 | UNK | N ANTIOCH               | DAVIDSON   | 36.06 | -86.67 | SEVERAL TREES DOWN ON BELL ROAD WITH PHOTOS CONFIRMING THE DAMAGE IN ANTIOCH. (OHX)            |
| 22:10 | UNK | 9 SSW RED BOILING SPRIN | MACON      | 36.42 | -85.93 | TREES DOWN ON HIGHWAY 80 NEAR MACON/SMITH COUNTY LINE (OHX)                                    |
| 22:45 | UNK | 3 SE BAXTER             | PUTNAM     | 36.13 | -85.61 | THREE FOOT DIAMETER TREE SNAPPED AT 5349 ACADEMY ROAD (OHX)                                    |
| 0:15  | UNK | 6 W JASPER              | MARION     | 35.06 | -85.73 | TWO TREES DOWN (MRX)   |
| 0:25  | UNK | 6 W TRACY CITY          | GRUNDY     | 35.27 | -85.86 | TREE DOWN BLOCKING HIGHWAY 41 BETWEEN PELHAM AND MONTEAGLE (OHX)                               |
| 0:30  | UNK | 3 NNW SALE CREEK        | HAMILTON   | 35.42 | -85.14 | LARGE TREE DOWN ON LEGGET ROAD. (MRX)  |
| 0:31  | UNK | 5 NNE SODDY-DAISY       | HAMILTON   | 35.33 | -85.14 | TREES DOWN ON COLEMAN ROAD (MRX)   |

|       |     |                |          |       |        |   |
|-------|-----|----------------|----------|-------|--------|---|
| 9:15  | UNK | 6 NW SUNBRIGHT | MORGAN   | 36.3  | -84.75 | A FEW TREES DOWN AND SOME POWER OUTAGES NEAR BURRVILLE. (MRX) |
| 9:55  | UNK | WARTBURG       | MORGAN   | 36.1  | -84.59 | TREES AND POWERLINES DOWN ACROSS THE COUNTY. (MRX)            |
| 10:20 | UNK | GATLINBURG     | SEVIER   | 35.72 | -83.49 | A FEW TREES WERE DOWNED. (MRX)                                |
| 10:51 | UNK | 7 SE BYRDSTOWN | FENTRESS | 36.49 | -85.06 | TREES DOWN IN THE DOUBLE TOP AREA. (OHX)                      |
| 11:05 | UNK | 1 N ALLARDT    | FENTRESS | 36.4  | -84.88 | TREES DOWN ON GOVERNMENT POND RD. (OHX)                       |



| Time  | EF Scale | Location           | County  | Lat   | Lon    | Comments   |
|-------|----------|--------------------|---------|-------|--------|--|
| 17:34 | EF1      | 10 ESE CENTERVILLE | HICKMAN | 35.74 | -87.28 | A VERY BRIEF YET STRONG EF-1 TORNADO (110MPH) STRUCK SOUTHEAST HICKMAN COUNTY. ONE HOME WAS DESTROYED WITH TWO OTHERS RECEIVING MINOR TO MODERATE ROOF DAMAGE. DOZENS OF (OHX) |

| Time  | Speed | Location     | County     | Lat   | Lon    | Comments   |
|-------|-------|--------------|------------|-------|--------|--|
| 12:54 | UNK   | 4 NE DECATUR | MEIGS      | 35.57 | -84.74 | MULTIPLE TREES DOWN. (MRX)   |
| 12:54 | UNK   | 6 N DECATUR  | RHEA       | 35.61 | -84.79 | MULTIPLE TREES DOWN. (MRX)   |
| 14:00 | UNK   | PIKEVILLE    | BLED SOE   | 35.61 | -85.2  | FEW TREES DOWN. (MRX)  |
| 14:30 | UNK   | BENTON       | POLK       | 35.18 | -84.65 | SEVERAL TREES DOWN. (MRX)  |
| 14:30 | UNK   | DUNLAP       | SEQUATCHIE | 35.37 | -85.39 | SEVERAL TREES DOWN ACROSS THE NORTHERN HALF OF THE COUNTY. (MRX)   |
| 15:25 | UNK   | CARTWRIGHT   | SEQUATCHIE | 35.28 | -85.46 | FEW TREES DOWN. (MRX)  |
| 15:38 | UNK   | SPRING HILL  | MAURY      | 35.74 | -86.92 | UPDATE FROM EARLIER LSR... A TREE FELL THROUGH ONE HOUSE ON NEELY'S BEND LEAVING IT UNINHABITABLE. ANOTHER HOUSE ON NEELY'S BEND HAD A LARGE |

|       |     |                  |          |       |        |  |
|-------|-----|------------------|----------|-------|--------|--|
|       |     |                  |          |       |        | BRANCH FALL ON IT CAUSING R (OHX)  |
| 15:51 | UNK | CHAPEL HILL      | MARSHALL | 35.63 | -86.7  | FACEBOOK AND TWITTER PHOTOS SHOWED NUMEROUS TREES BLOWN DOWN IN AND AROUND CHAPEL HILL (OHX)   |
| 15:53 | UNK | 3 S CHAPEL HILL  | MARSHALL | 35.59 | -86.7  | FACEBOOK VIDEO SHOWED NUMEROUS TREES BLOWN DOWN AROUND HENRY HORTON STATE PARK (OHX)   |
| 16:01 | UNK | LEWISBURG        | MARSHALL | 35.45 | -86.79 | THE FRONT OF AN AUTO PARTS STORE WAS RIPPED OFF. (OHX)   |
| 16:04 | UNK | LEWISBURG        | MARSHALL | 35.45 | -86.79 | SEVERAL REPORTS OF TREES DOWN IN LEWISBURG. (OHX)  |
| 16:04 | UNK | 7 SSE ROVER      | BEDFORD  | 35.57 | -86.57 | TREE DAMAGE WAS REPORTED OFF OLD COLUMBIA RD IN UNIONVILLE. (OHX)  |
| 16:05 | UNK | 4 NNE LYNCHBURG  | MOORE    | 35.34 | -86.34 | AT LEAST 2 LARGE TREES WERE UPROOTED AT THIS LOCATION. (HUN)   |
| 16:05 | UNK | 5 NNE LYNCHBURG  | MOORE    | 35.35 | -86.33 | TWO LARGE TREES WERE UPROOTED AT THIS LOCATION. (HUN)  |
| 16:07 | UNK | 3 NNE LYNCHBURG  | MOORE    | 35.33 | -86.33 | SEVERAL LARGE TREES WERE SNAPPED OR DAMAGED AT THIS LOCATION. AT A NEARBY STRUCTURE... A PORTION OF A METAL ROOF WAS BENT TO ALMOST A VERTICAL POSITION. (HUN) |
| 16:08 | UNK | 4 NNE LYNCHBURG  | MOORE    | 35.33 | -86.32 | A LARGE TREE WAS UPROOTED ONTO A BARN STRUCTURE AT THIS LOCATION. (HUN)  |
| 16:08 | UNK | 4 NNE LYNCHBURG  | MOORE    | 35.33 | -86.33 | A CARPORT WAS SIGNIFICANTLY DAMAGED AT THIS LOCATION. ALSO... A LARGE BRANCH AT LEAST 8 INCHES IN DIAMETER WAS BLOWN OFF A LARGER TREE. (HUN)                  |
| 16:08 | UNK | 7 ENE LYNCHBURG  | FRANKLIN | 35.34 | -86.24 | TREES WERE BLOWN DOWN OR HEAVILY DAMAGED COUNTYWIDE. THIS ACTIVITY OCCURRED FROM 1108 AM THROUGH 1210 PM WITH MULTIPLE THUNDERSTORMS. (HUN)                    |
| 16:20 | UNK | SOUTH PITTSBURG  | MARION   | 35.02 | -85.71 | COUPLE TREES AND A FEW POWER LINES DOWN. (MRX)   |
| 16:38 | UNK | PARIS            | HENRY    | 36.3  | -88.31 | REPORTS OF TREES DOWN COUNTY WIDE. TIME IS RADAR ESTIMATED. (MEG)  |
| 16:45 | UNK | 6 S FAYETTEVILLE | LINCOLN  | 35.06 | -86.58 | TREES DOWN AT HIGHLAND RIM ROAD. TIME ESTIMATED FROM RADAR. (HUN)  |
| 16:50 | UNK | 9 W HUNTLAND     | LINCOLN  | 35.04 | -86.43 | TREE ON HOUSE ON MASON ROAD IN FLINTVILLE. (HUN)   |

|       |     |                       |           |       |        |  |
|-------|-----|-----------------------|-----------|-------|--------|--|
| 16:50 | UNK | 3 SW COLUMBIA         | MAURY     | 35.59 | -87.1  | NUMEROUS TREES AND POWER LINES DOWN ON THE SOUTH SIDE OF COLUMBIA WITH SOME ON HOUSES (OHX)  |
| 16:52 | UNK | WAVERLY               | HUMPHREYS | 36.09 | -87.79 | TREES REPORTED BLOWN DOWN IN WAVERLY AS WELL AS IN OTHER AREAS OF THE COUNTY (OHX)   |
| 17:00 | UNK | 4 WNW SOUTH PITTSBURG | MARION    | 35.04 | -85.78 | SEVERAL TREES DOWN ON SOUTH PITTSBURG MOUNTAIN. (MRX)  |
| 17:03 | UNK | LYNNVILLE             | GILES     | 35.38 | -87.01 | TREES DOWN IN LYNNVILLE. (OHX)   |
| 17:03 | UNK | CAMDEN                | BENTON    | 36.06 | -88.1  | REPORT OF POWERLINES DOWN AND MULTIPLE TREES DOWN. TIME OF EVENT IS RADAR ESTIMATED. (MEG)   |
| 17:05 | UNK | DOVER                 | STEWART   | 36.48 | -87.84 | EMERGENCY MANAGER REPORTED TREES DOWN COUNTY WIDE. (OHX)   |
| 17:12 | UNK | 8 SW DICKSON          | DICKSON   | 35.99 | -87.48 | TREES DOWN NEAR CAMP GARNERS CREEK ON GARNERS CREEK ROAD. (OHX)  |
| 17:15 | UNK | MCEWEN                | HUMPHREYS | 36.11 | -87.64 | MLEC REPORTED NUMEROUS TREES AND POWER LINES DOWN ACROSS HUMPHREYS COUNTY MAINLY IN THE MCEWEN... HURRICANE CREEK... POPLAR GROVE AND CUBA LANDING AREAS (OHX) |
| 17:21 | UNK | 3 SSW FAYETTEVILLE    | LINCOLN   | 35.11 | -86.59 | TREES REPORTED DOWN AT ORCHARD HILL RD FAYETTEVILLE...TN. (HUN)  |
| 17:22 | UNK | 6 NW FAYETTEVILLE     | LINCOLN   | 35.22 | -86.63 | TREE DOWN ON POWER LINE ON MARCH MILL ROAD NEAR FAYETTEVILLE. (HUN)  |
| 17:22 | UNK | NUNNELLY              | HICKMAN   | 35.86 | -87.47 | TREES DOWN COUNTY WIDE IN HICKMAN COUNTY. (OHX)  |
| 17:23 | UNK | 11 SSE FAYETTEVILLE   | LINCOLN   | 35.01 | -86.46 | TREE DOWN ON A HOUSE IN VANNTOWN AREA. (HUN)   |
| 17:25 | UNK | 14 SSE COWAN          | FRANKLIN  | 34.99 | -85.9  | TREE DOWN ON HIGHWAY 117 NEAR THE TN STATE LINE AT SHERWOOD. (HUN)   |
| 17:26 | UNK | DICKSON               | DICKSON   | 36.08 | -87.38 | TREES DOWN IN DICKSON COUNTY (OHX)   |
| 17:30 | UNK | 5 E CENTERVILLE       | HICKMAN   | 35.78 | -87.37 | MLEC REPORTED BROKEN POWER POLES AND DOWNED POWER LINES IN THE TOTTY'S BEND AND GRAYS BEND AREAS (OHX)   |
| 17:30 | UNK | 4 WNW CENTERVILLE     | HICKMAN   | 35.82 | -87.52 | TREES DOWN AND POWER OUTAGES REPORTED. (OHX)   |
| 17:30 | UNK | 2 S DICKSON           | DICKSON   | 36.05 | -87.38 | A DOWNED TREE WAS FULLY BLOCKING COWAN RD NEAR REIDLAND DR. (OHX)  |
| 17:30 | UNK | DICKSON               | DICKSON   | 36.08 | -87.38 | TSPOッター REPORT OF SEVERAL TREES DOWN BY THE INDUSTRIAL PARK AREA IN DICKSON (OHX)  |

|       |     |                         |          |       |        |  |
|-------|-----|-------------------------|----------|-------|--------|--|
| 17:35 | UNK | 6 WNW<br>WILLIAMSPORT   | HICKMAN  | 35.72 | -87.31 | ONE HOUSE ON MOBLEY RIDGE RD<br>SUSTAINED WIND DAMAGE. (OHX)   |
| 17:38 | UNK | 2 E CENTERVILLE         | HICKMAN  | 35.79 | -87.41 | TREE REPORTED DOWN ON THE<br>POWER LINES AT MORRISON<br>STREET. (OHX)  |
| 17:42 | UNK | WHITE BLUFF             | DICKSON  | 36.11 | -87.21 | TSPOTTER REPORT AND PHOTO OF<br>TREE DOWN ON PARK STREET NEAR<br>HIGHWAY 70 IN WHITE BLUFF (OHX)                           |
| 17:45 | UNK | LOBELVILLE              | PERRY    | 35.75 | -87.8  | NUMEROUS TREES AND POWER<br>LINES DOWN IN NORTHERN PERRY<br>COUNTY. UP TO 75 PERCENT OF THE<br>COUNTY WITHOUT POWER. (OHX) |
| 17:52 | UNK | MOUNT<br>PLEASANT       | MAURY    | 35.55 | -87.19 | TREE FELL ON HOME MAKING IT<br>UNINHABITABLE (OHX)   |
| 17:53 | UNK | MOUNT<br>PLEASANT       | MAURY    | 35.55 | -87.19 | TREES DOWN IN THE MOUNT<br>PLEASANT AREA. (OHX)  |
| 17:53 | UNK | 4 W MOUNT<br>PLEASANT   | MAURY    | 35.55 | -87.26 | TREES DOWN ON SOUTH FORK RD.<br>(OHX)  |
| 18:03 | UNK | 7 SSE MOUNT<br>PLEASANT | MAURY    | 35.46 | -87.14 | NUMEROUS TREES AND POWER<br>LINES DOWN AROUND THE<br>INTERSECTION OF ELK RIDGE ROAD<br>AND ENTERPRISE ROAD. (OHX)          |
| 18:10 | UNK | ETHRIDGE                | LAWRENCE | 35.32 | -87.3  | TREE DOWN BLOCKING<br>SOUTHBOUND LANE OF HIGHWAY<br>43 (OHX)   |
| 18:11 | UNK | ETHRIDGE                | LAWRENCE | 35.32 | -87.3  | A TREE SNAPPED AND FELL ON<br>POWER LINES. (OHX)   |
| 18:15 | UNK | 3 N<br>LAWRENCEBURG     | LAWRENCE | 35.29 | -87.34 | TREE DOWN BLOCKING BUFFALO<br>ROAD AT GREY ROAD (OHX)  |
| 18:19 | UNK | 4 ESE<br>LAWRENCEBURG   | LAWRENCE | 35.22 | -87.27 | NEW PROSPECT FIRE REPORTED<br>SEVERAL TREES DOWN FROM<br>LAWRENCEBURG EAST TO THE<br>COUNTY LINE. (OHX)                    |
| 18:20 | UNK | LAWRENCEBURG            | LAWRENCE | 35.25 | -87.34 | NUMEROUS TREES... POWER LINES...<br>AND SIGNS DOWN ACROSS<br>LAWRENCEBURG WITH<br>WIDESPREAD POWER OUTAGES<br>(OHX)        |
| 18:25 | UNK | PULASKI                 | GILES    | 35.2  | -87.03 | SEVERAL REPORTS OF TREES DOWN<br>IN PULASKI. (OHX)   |
| 18:25 | UNK | CANE RIDGE              | DAVIDSON | 36.02 | -86.64 | TSPOTTER REPORT AND PHOTO OF A<br>LARGE TREE DOWN AT PETTUS<br>ROAD AND BLUE HOLE ROAD (OHX)                               |
| 18:27 | UNK | 6 SW PULASKI            | GILES    | 35.13 | -87.11 | TREES DOWN IN ANTHONY HILL.<br>(OHX)   |
| 21:23 | UNK | 4 ESE LYNCHBURG         | MOORE    | 35.25 | -86.29 | SOME TREES WERE BLOWN DOWN<br>AT THIS LOCATION. (HUN)  |
| 21:55 | UNK | N POCAHONTAS            | HARDEMAN | 35.05 | -88.82 | STRONG WINDS TOOK DOWN<br>SWATHS OF TREES ALONG POWELL<br>CHAPEL ROAD SOUTH THROUGH<br>POCAHONTAS. (MEG)                   |

|       |     |                 |           |       |        |  |
|-------|-----|-----------------|-----------|-------|--------|--|
| 21:57 | UNK | MIDDLETON       | HARDEMAN  | 35.06 | -88.89 | POWER LINES AND TREES DOWN ON HIGHWAY 57 BETWEEN MIDDLETON AND POCAHONTAS. (MEG)   |
| 2:15  | 60  | TIPTONVILLE     | LAKE      | 36.38 | -89.47 | ESTIMATED WINDS OF 60 MPH. (MEG)   |
| 2:16  | UNK | 5 E DOVER       | STEWART   | 36.48 | -87.75 | A FEW TREES DOWN ON OLD HIGHWAY 79 EAST OF DOVER. (OHX)                            |
| 2:23  | 60  | UNION CITY      | OBION     | 36.42 | -89.05 | WIND GUSTS TO 60 MPH IN UNION CITY. (MEG)  |
| 2:25  | 65  | PARIS           | HENRY     | 36.3  | -88.31 | ESTIMATED 65 MPH WINDS IN PARIS. (MEG)   |
| 2:30  | 70  | ROUTON          | HENRY     | 36.23 | -88.38 | ESTIMATED 70 MPH IN ROUTON 8 MILES SOUTH OF PARIS. (MEG)                           |
| 2:30  | UNK | DRESDEN         | WEAKLEY   | 36.28 | -88.69 | SEVERAL REPORTS OF TREES DOWN. TIME ESTIMATED BY RADAR. (MEG)                      |
| 2:45  | UNK | CAMDEN          | BENTON    | 36.06 | -88.1  | NUMEROUS REPORTS OF TREES DOWN IN CAMDEN. (MEG)                                    |
| 2:50  | UNK | GREENFIELD      | WEAKLEY   | 36.16 | -88.8  | REPORTS OF TREES DOWN IN GREENFIELD AREA. TIME ESTIMATED BY RADAR. (MEG)           |
| 2:53  | 60  | TRENTON         | GIBSON    | 35.97 | -88.94 | 60 MPH GUSTS ESTIMATED. (MEG)  |
| 2:56  | UNK | BRUCETON        | CARROLL   | 36.03 | -88.25 | GUTTER TORN OFF CITY HALL. (MEG)   |
| 3:00  | UNK | 5 NNW DYERSBURG | DYER      | 36.1  | -89.42 | SHINGLE DAMAGE TO HOME AND SEVERAL LIMBS WERE DOWN. TIME ESTIMATED BY RADAR. (MEG) |
| 3:25  | 58  | 8 WNW LEXINGTON | HENDERSON | 35.7  | -88.52 | ESTIMATED 58 MPH WIND. (MEG)   |
| 3:40  | UNK | DENMARK         | MADISON   | 35.53 | -89    | SEVERAL LARGE TREES DOWN ON PROVIDENCE ROAD NEAR INTERSTATE 40. (MEG)              |



| Time  | Speed | Location   | County   | Lat   | Lon    | Comments   |
|-------|-------|------------|----------|-------|--------|--|
| 23:50 | UNK   | SALE CREEK | HAMILTON | 35.38 | -85.11 | SEVERAL TREES DOWN ACROSS THE NORTHERN PORTIONS OF THE COUNTY. (MRX) |

### CPC outlooks for the next month:

The climate prediction center outlooks for July indicate that eastern Tennessee, especially southeast TN will record above normal precipitation for the month. Western TN is between the area of forecasted above normal precipitation to its east, and forecasted below normal precipitation to its west, and has equal chances of observing above/below/normal conditions.

Temperature outlooks indicate that the entire eastern half of the US will be above normal for July, with the highest confidence in the northeast.

