

August 2019 Tennessee State Climate Summary

Tennessee Climate Office * East Tennessee State University

Prepared by William Tollefson and Dr. Andrew Joyner

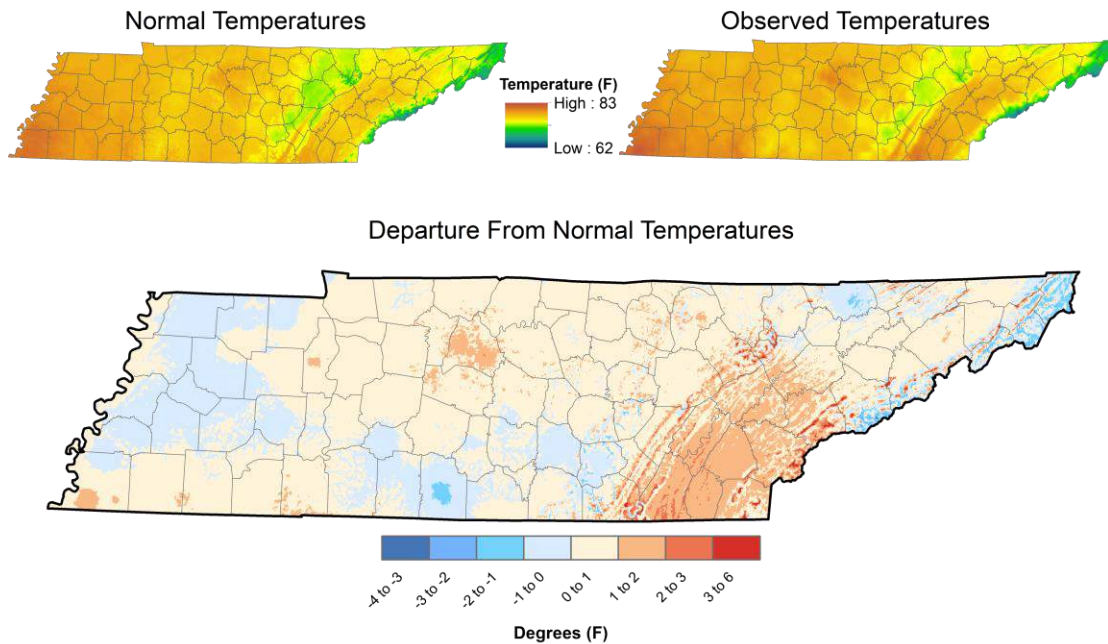
With contributions by Climate Data Representatives at University of Tennessee-Martin, Vanderbilt University, and University of Tennessee-Institute of Agriculture

Monthly Temperature Summary:

Averaged for the month, mean temperatures for most of the state were within one degree of normal temperatures. Temperatures in southern portions of East Tennessee as well as parts of the Nashville and Memphis areas were 1-3°F warmer than normal. A strong heat wave hit the state August 12-13 with Heat Advisories issued in many areas across the state, and Excessive Heat Warnings issued for West Tennessee where heat index values topped 110°F. Memphis recorded a heat index value of 115°F on the 12th. The end of the month brought in cooler than normal temperatures with low temperatures getting down into the 50's for most areas of the state on the 29th and 30th. Daily record low temperatures were set at Clarksville and Oak Ridge on both dates.



August 2019 Mean Temperature



Stations with the highest mean temperature

Station Name	Station Type	Mean Temperature (F)
GERMANTOWN 4SE	COOP	83.0
MEMPHIS INTERNATIONAL AP	WBAN	82.2
CHATTANOOGA AP	WBAN	81.4
MEMPHIS WFO	WBAN	81.0
SHILOH NMP TENNESSEE	RAWS	80.6

Map Data From: PRISM Climate Group, Oregon State University, 1981-2010 Normals Used, Station Data retrieved from SC ACIS2

Stations with the lowest mean temperature

Station Name	Station Type	Mean Temperature (F)
MT LECONTE	COOP	58.5
NEWFOUND GAP	COOP	65.7
ROAN MOUNTAIN 3SW	COOP	67.8
CHEROKEE TENNESSEE	RAWS	70.2
CROSSVILLE 7 NW	WBAN	72.0

Monthly Precipitation Summary:

Precipitation this month was highly variable, as most rainfall was associated with scattered thunderstorm activity. This variable pattern led to a few areas recording more than 200% normal rainfall while other areas of the state recorded less than 50% normal rainfall. Shelby County provides a great example of this, with the northeast part of the County recording less than one inch of rain (less than 50% of normal), while some southern parts of the county recorded four to five inches of rain (more than 150% of normal). Generally, East Tennessee was the driest part of the state with most locations recording less than two inches of rainfall for the month. Robertson County was the wettest, with Springfield recording over ten inches of rain!

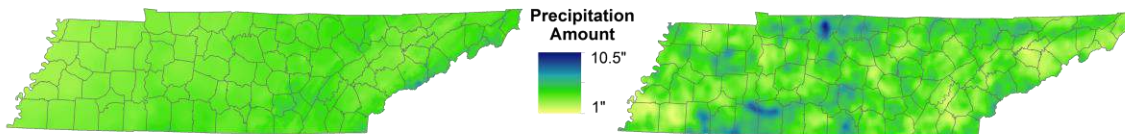


August 2019 Precipitation

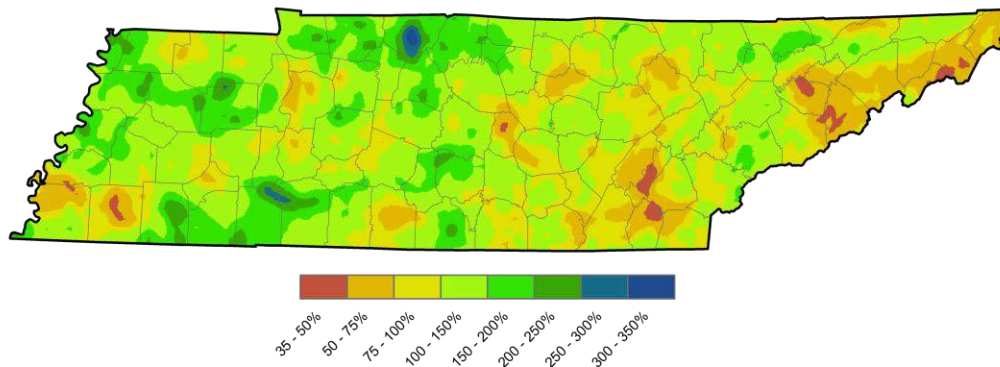


Normal Precipitation

Observed Precipitation



Percent Normal Precipitation



Stations with the most precipitation

Station Name	Station Type	Total Precipitation (in)
SPRINGFIELD EXP STATION	COOP	10.11
FAYETTEVILLE WATER PLANT	COOP	9.15
CLARKSVILLE 3.4 NNW	CoCoRaHS	9.03
NEWBERN 6.5 SE	CoCoRaHS	7.94
WAYNESBORO	COOP	7.72

Map Data From: PRISM Climate Group,
Oregon State University,
1981-2010 Normals Used
Station Data retrieved from SC ACIS2

Stations with the least precipitation

Station Name	Station Type	Total Precipitation (in)
JEFFERSON CITY 2.1 NE	CoCoRaHS	1.38
MORRISTOWN WFO	COOP	1.40
WHITWELL 4.5 ENE	CoCoRaHS	1.40
MADISONVILLE 1.2 NNE	CoCoRaHS	1.45
SOMERVILLE 1.3 E	CoCoRaHS	1.52

Station Data and Top Tenn. (warmest/wettest, coldest/driest stations of the month):

Station data for airports across the state using WBAN weather stations:

Station Name	Temperatures (°F)								Precipitation (inches)		
	Averages				Extremes				Totals		
	Max	Min	Mean	Depart	High	Date	Low	Date	Obs	Depart	%Norm
Memphis	91.1	73.2	82.2	+0.2	97	08/19	66	08/30	4.11	-1.23	143%
Jackson	89.4	67.7	78.6	0	96	08/13	54	08/29	3.39	-0.39	113%
Clarksville	88.5	66.5	77.5	+0.3	97	08/20	55	08/29	2.72	+0.39	87%
Nashville	91.1	69.6	80.3	+1.6	97	08/13	58	08/29	4.78	-1.61	151%
Chattanooga	92.1	70.7	81.4	+2	100	08/13	59	08/30	1.72	+1.75	50%
Crossville	83.4	63.5	73.5	-0.3	91	08/19	52	08/30	4.32	-0.33	108%
Knoxville	89.2	68.2	78.7	+0.9	97	08/19	57	08/30	3.13	+0.14	96%
Bristol	87.5	62.9	75.2	+1.4	93	08/21	54	08/30	4.1	-0.63	118%

Hottest Stations (highest maximum temperature)

Station Name	Station Type	Highest Temperature (F)
GERMANTOWN 4SE	COOP	101
CHATTANOOGA AP	WBAN	100
SHILOH NMP TENNESSEE	RAWS	99
LEWISBURG EXP STA	COOP	99
CHEATHAM LOCK & DAM	COOP	99
MEMPHIS WFO	WBAN	98
CAMDEN TOWER TENNESSEE	RAWS	98
SELMER	COOP	98
CLARKSVILLE NO.2	COOP	98
MEMPHIS INTERNATIONAL AP	WBAN	97
CLARKSVILLE OUTLAW AP	WBAN	97
OAK RIDGE ASOS	WBAN	97
NASHVILLE INTL AP	WBAN	97
KNOXVILLE AP	WBAN	97
MERIWETHER LEWIS TENNESSEE	RAWS	97
ATHENS	COOP	97
DAYTON 2SE	COOP	97
LENOIR CITY	COOP	97
OLD HICKORY DAM	COOP	97
AMES PLANTATION	COOP	97
CLEVELAND FILTER PLANT	COOP	97
CLARKSVILLE WWTP	COOP	97
DECATUR 7NE	COOP	97
CAMDEN	COOP	97
WAVERLY AIRPORT	COOP	97
NASHVILLE BERRY FIELD	COOP	97

Coldest Stations (lowest minimum temperature)

Station Name	Station Type	Lowest Temperature (F)
MT LECONTE	COOP	37
ROAN MOUNTAIN 3SW	COOP	44
NEWFOUND GAP	COOP	49
COALMONT	COOP	50
BLEDSON SF TENNESSEE	RAWS	51
WOODBURY 1 WNW	COOP	51
ERWIN 1 W	COOP	51
JAMESTOWN	COOP	51
CROSSVILLE 7 NW	WBAN	52
CHEROKEE TENNESSEE	RAWS	52
PULASKI WASTEWATER PLANT	COOP	52
GATLINBURG 2 SW	COOP	52
MILAN EXP STN	COOP	52
CHRISTIANA 5W	COOP	52
TAZEWELL	COOP	52
ONEIDA	COOP	52
PORTLAND SEWAGE PLANT	COOP	52
TOWNSEND 5S	COOP	52
MANCHESTER #2	COOP	52
MAYNARDVILLE	COOP	52

Warmest Stations (highest mean temperatures)

Station Name	Station Type	Mean Temperature (F)
GERMANTOWN 4SE	COOP	83.0
MEMPHIS INTERNATIONAL AP	WBAN	82.2
CHATTANOOGA AP	WBAN	81.4
MEMPHIS WFO	WBAN	81.0
SHILOH NMP TENNESSEE	RAWS	80.6
AMES PLANTATION	COOP	80.6
NASHVILLE INTL AP	WBAN	80.3
CAMDEN TOWER TENNESSEE	RAWS	80.0
NASHVILLE BERRY FIELD	COOP	80.0
SELMER	COOP	79.8

Coollest Stations (lowest mean temperatures)

Station Name	Station Type	Mean Temperature (F)
MT LECONTE	COOP	58.5
NEWFOUND GAP	COOP	65.7
ROAN MOUNTAIN 3SW	COOP	67.8
CHEROKEE TENNESSEE	RAWS	70.2
CROSSVILLE 7 NW	WBAN	72.0
TOWNSEND 5S	COOP	72.0
GATLINBURG 2 SW	COOP	72.2
COALMONT	COOP	72.5
TAZEWELL	COOP	72.8
ONEIDA	COOP	73.3

Wettest Stations (highest precipitation totals):

Station Name	Station Type	Total Precipitation (in)
SPRINGFIELD EXP STATION	COOP	10.11
FAYETTEVILLE WATER PLANT	COOP	9.15
CLARKSVILLE 3.4 NNW	CoCoRaHS	9.03
NEWBERN 6.5 SE	CoCoRaHS	7.94
WAYNESBORO	COOP	7.72
MT LECONTE	COOP	7.59
RIDGETOP 3.8 SW	CoCoRaHS	7.59
ROCK VALE 4.5S	CoCoRaHS	7.57
TAZEWELL	COOP	7.44
SAMBURG W. L. REFUGE	COOP	7.38

Driest Stations (lowest precipitation totals):

Station Name	Station Type	Total Precipitation (in)
JEFFERSON CITY 2.1 NE	CoCoRaHS	1.38
MORRISTOWN WFO	COOP	1.40
WHITWELL 4.5 ENE	CoCoRaHS	1.40
MADISONVILLE 1.2 NNE	CoCoRaHS	1.45
SOMERVILLE 1.3 E	CoCoRaHS	1.52
ERWIN 1 W	COOP	1.67
WOODBURY 1 WNW	COOP	1.71
CHATTANOOGA AP	WBAN	1.72
DECATUR 8.9 SSW	CoCoRaHS	1.74
CLEVELAND FILTER PLANT	COOP	1.77

Drought Monitor:

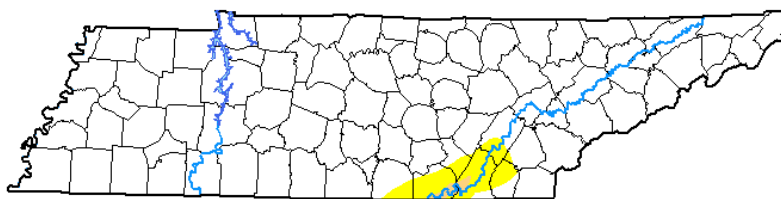
Although drying conditions were observed across many areas of the state, the percent of the state experiencing some level of drought at the end of the month was relatively small. Portions of southeast Tennessee from Rhea and Meigs County southwest to Franklin County were in D0 (Abnormally Dry) conditions at the end of the month. A small area of D1 (Moderate Drought) was present from southern Marion County into portions of southwestern Hamilton County.

Author:

Jessica Blunden
NCEI/NOAA

**U.S. Drought Monitor
Tennessee**

August 27, 2019
(Released Thursday, Aug. 29, 2019)
Valid 8 a.m. EDT



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

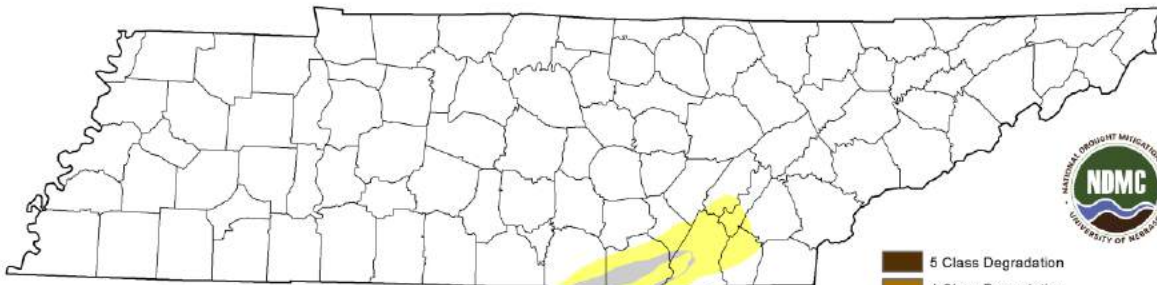
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

droughtmonitor.unl.edu



August 27, 2019
compared to
July 30, 2019

**U.S. Drought Monitor Class Change - Tennessee
1 Month**

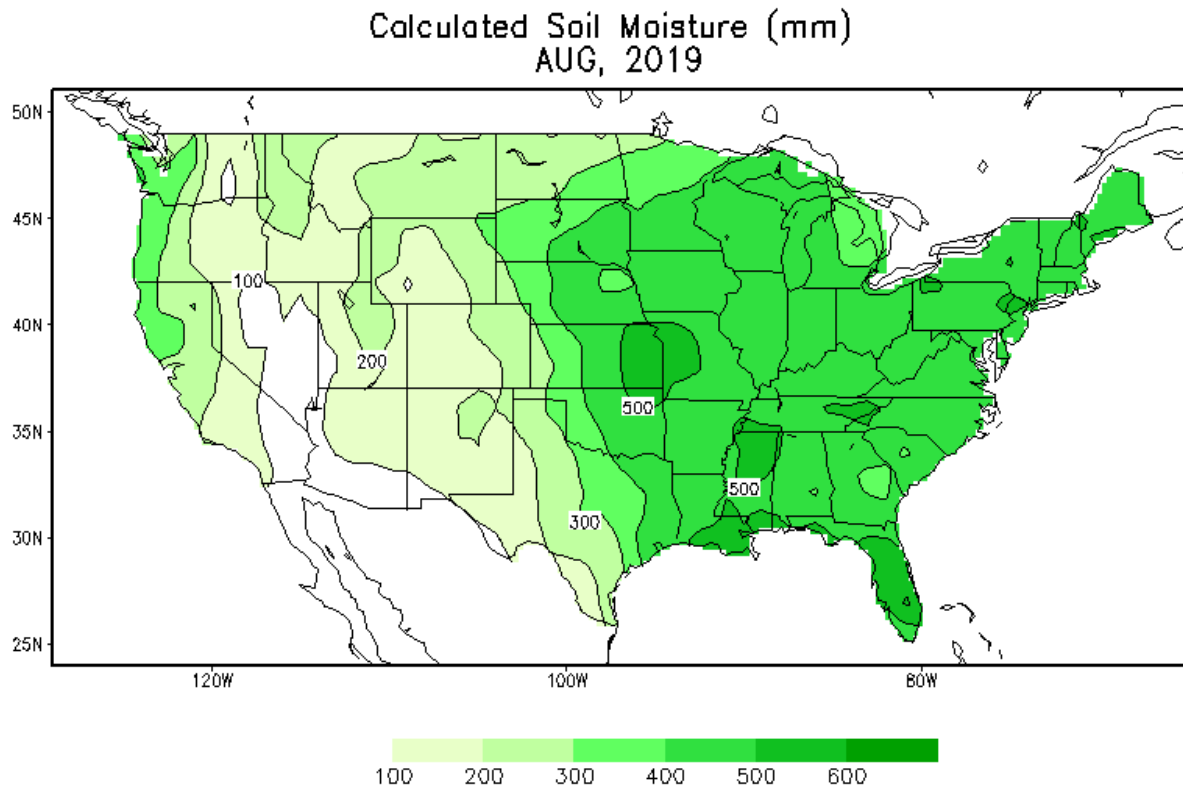


- 5 Class Degradation
- 4 Class Degradation
- 3 Class Degradation
- 2 Class Degradation
- 1 Class Degradation
- No Change

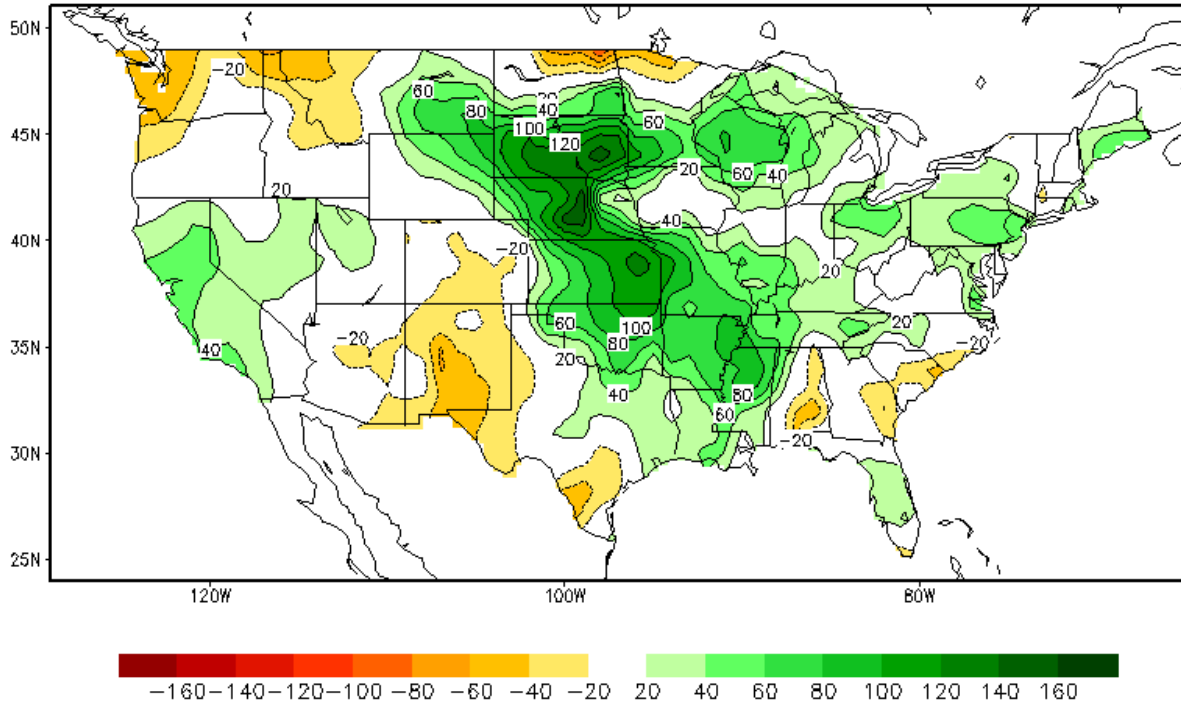
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Soil Moisture:

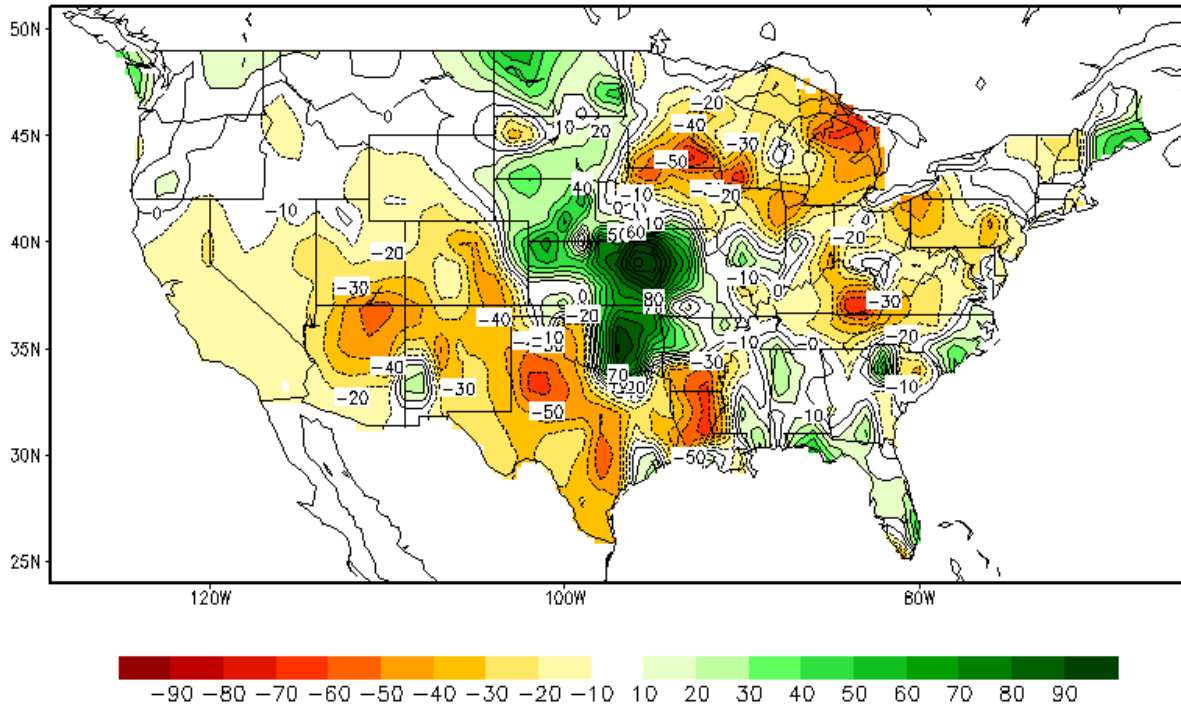
Soil moisture averaged between 400 and 500 mm across the state for August, this was normal to above normal for most of the state. West Tennessee had the largest surplus soil moisture, with areas in the southwest part of the state having an 80mm surplus. In the southeast part of the state, near Chattanooga, soil moisture was near normal, to slightly below normal for the month. Almost all areas of the state, except some areas in southern West Tennessee, reported a decreasing trend in soil moisture levels. This was most extreme in the northeast part of the state where soil moisture readings dropped 20-30 mm between July 31st and August 31st.



Calculated Soil Moisture Anomaly (mm) AUG, 2019



Calculated Soil Moisture Anomaly Change AUG 31, 2019 from JUL.31



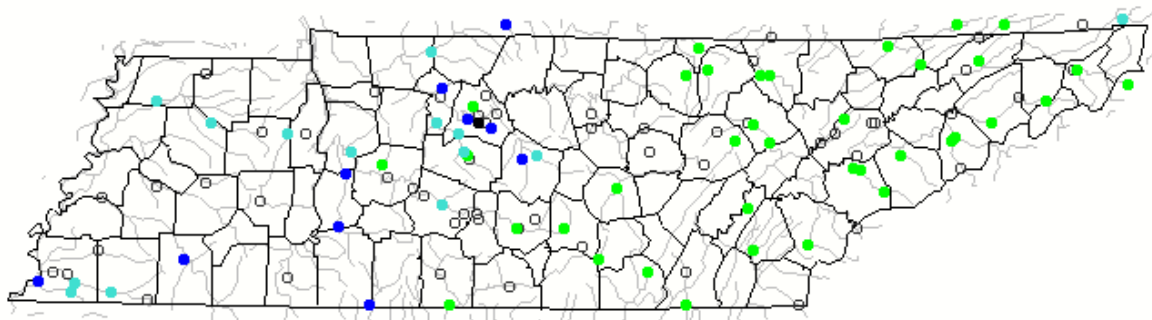
Streamflow:

Despite some drying conditions, all streamflow in the state was reported to be in the normal, to above normal range. Streams throughout East Tennessee were in the normal streamflow range, while most streams in Middle Tennessee reported above or much above normal streamflow, and all streams in West Tennessee reported above or much above normal streamflow.

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

Tennessee ▼ or Water-Resources Regions ▼

August 2019



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

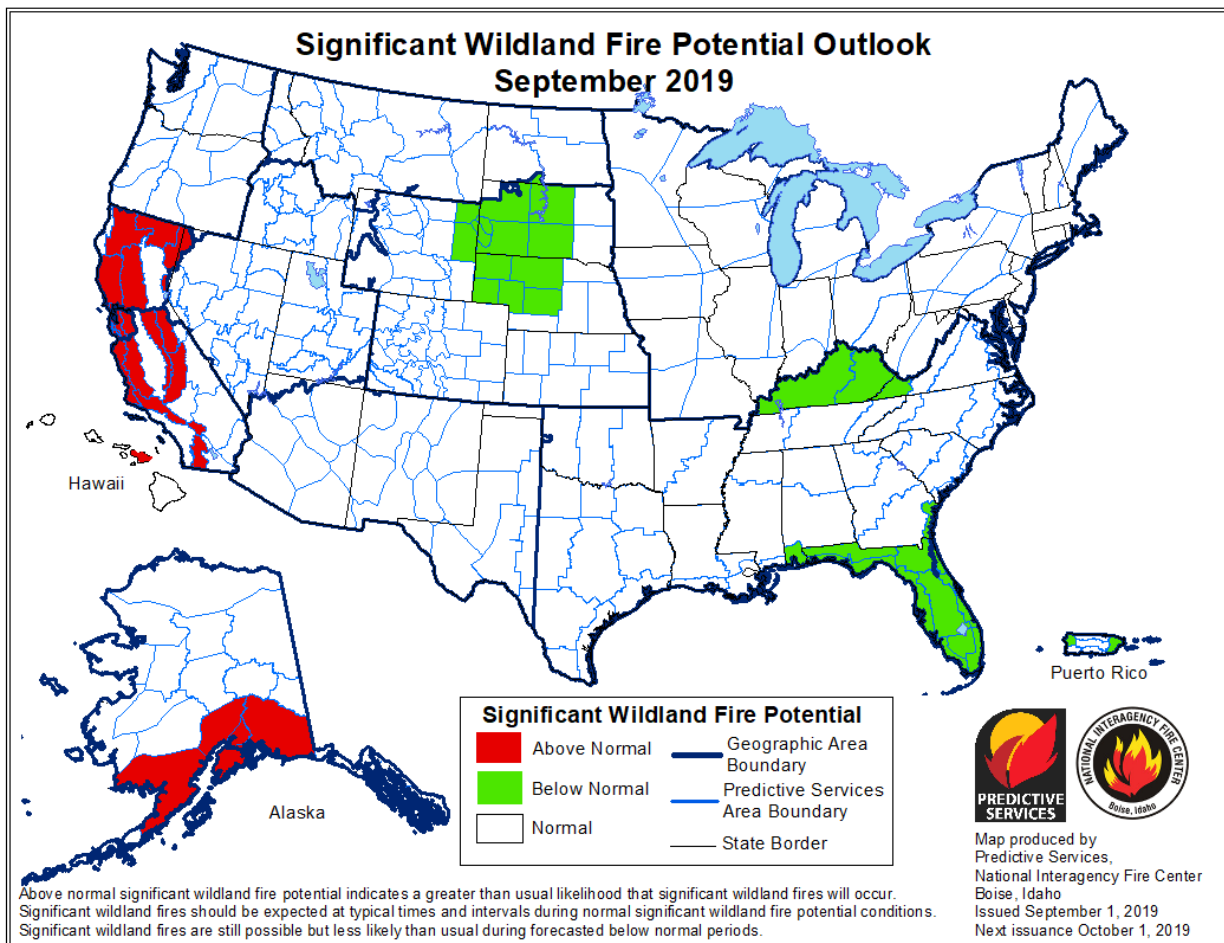
Explanation - Percentile classes							
●	●	●	●	●	●	●	○
Low	<10	10-24	25-75	76-90	>90	High	Not-ranked
	Much below normal	Below normal	Normal	Above normal	Much above normal		

Miscellaneous:

Crop Conditions from USDA: By the end of August, corn crops were on track with 5-year average progress, cotton and soybeans were slightly behind the 5-year average progress, and tobacco was well ahead of the 5-year average progress. Producers who have dryer capabilities started harvesting corn in the last week of August, with good yields reported; tobacco harvest is underway, as is hemp harvest. Hay baling was the predominant activity last week. Other field activities included spraying for insects. Dry conditions and high temperatures for periods during the month put stress on some crops and cattle. During the last week of the month, hard rains hit some areas of the state but only halted field activities temporarily. At the end of the month, topsoil moisture was rated 2% very short, 18% short, 75% adequate, and 5% surplus. Subsoil moisture was rated 2% very short, 20% short, 75% adequate, and 3% surplus.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2018	5 Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
	Percent					Percent				
Corn – Dough	98	96	100	99	Corn	0	1	13	60	26
Corn – Dented	87	79	92	89	Cotton	0	2	15	64	19
Corn – Mature	42	21	44	42	Soybeans	0	3	22	61	14
Corn – Harvested	5	1	8	6	Tobacco	4	16	41	29	10
Cotton – Setting Bolls	100	97	100	98	Pasture	1	8	32	51	8
Cotton – Bolls Opening	13	8	48	26	Cattle	1	4	22	60	13
Soybeans – Blooming	95	93	100	100						
Soybeans – Setting Pods	89	83	97	94						
Soybeans – Dropping Leaves	17	4	8	8						
Tobacco – Topped	91	88	N/A	N/A						
Tobacco – Cut	47	20	31	25						

Fire Danger: The interagency fire center outlook for significant fire potential in September is normal for Tennessee.



Story of the Month:

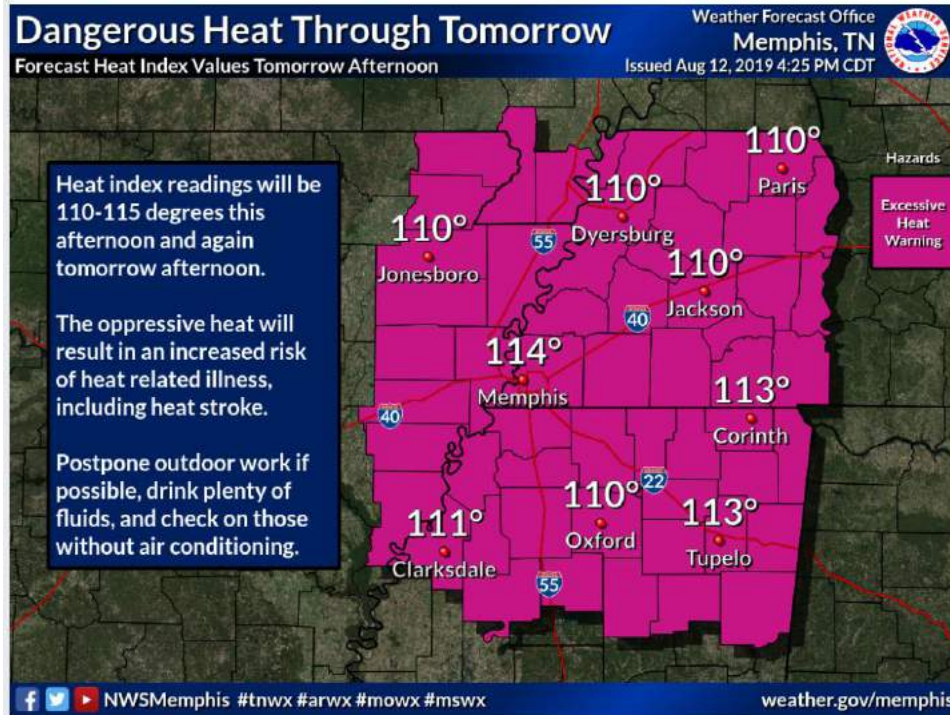
The big story for August was the heat wave that hit the state on the 12th and 13th of the month, and an associated round of severe weather on the 13th that produced 39 reports of severe wind damage and three reports of severe hail.

Excessive Heat warnings (issued for heat index values of 110 or higher) were issued for the Tennessee counties along the Mississippi River on August 12th with Heat Advisories (issued for heat index values of 105 or higher) for the rest of West Tennessee. By 1:00pm on the 12th the heat index for Memphis had reached 115°F!

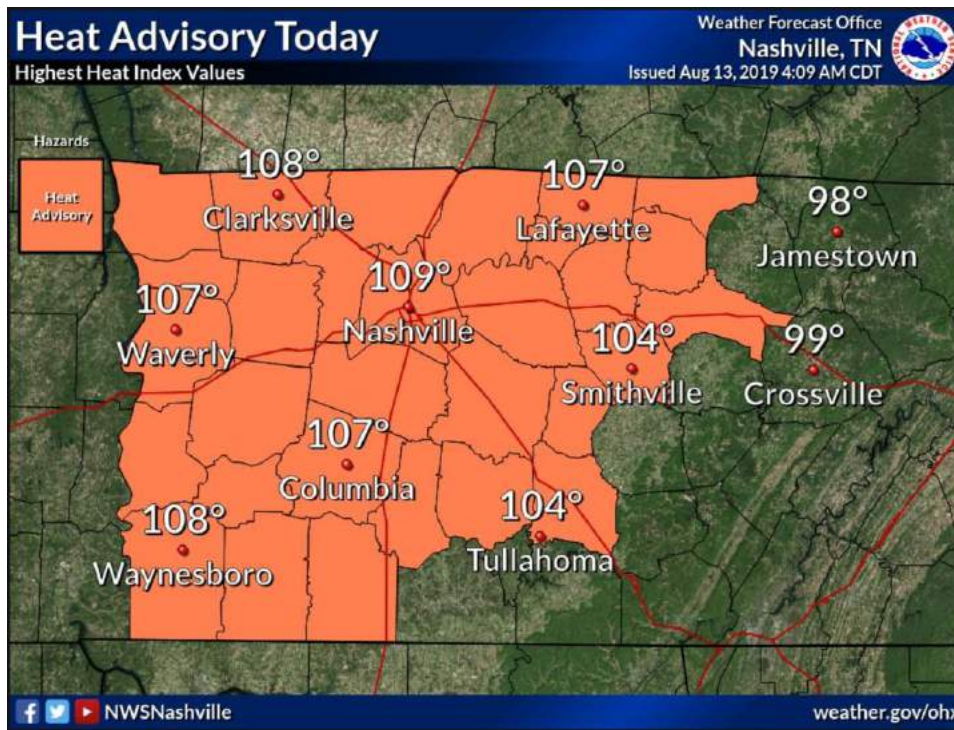


Heat index values from NWS Memphis Office County Warning Area for August 12, 2019.

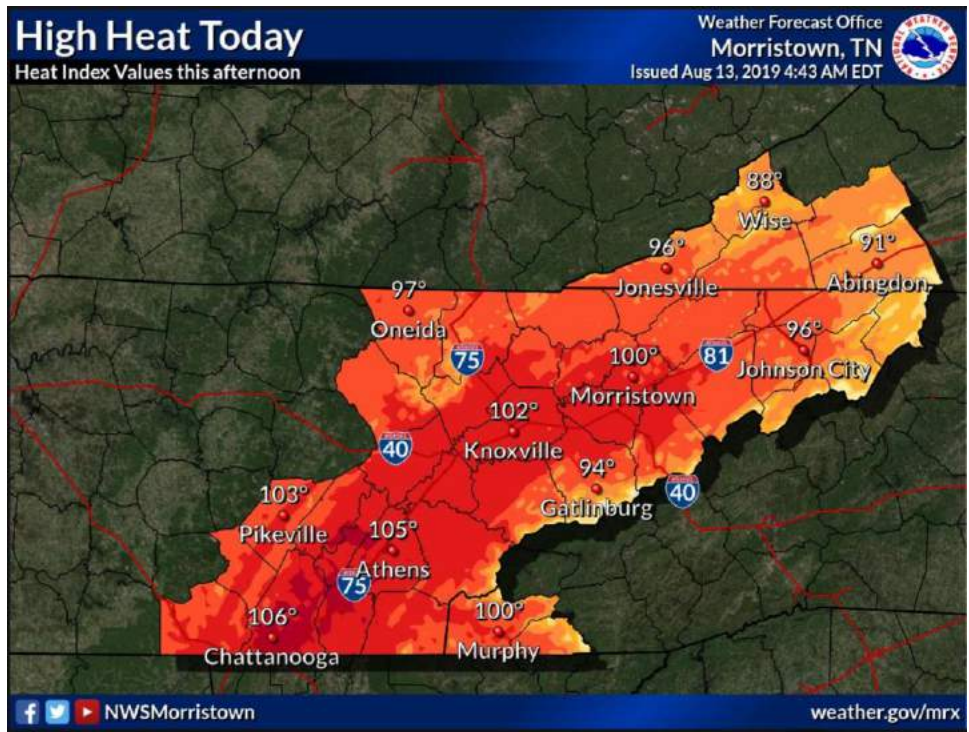
On the 13th, Excessive Heat warnings were issued for all of west Tennessee, and Heat Advisories were issued for most of Middle Tennessee and the southern Tennessee Valley in East Tennessee.



Excessive Heat Warnings and forecasted heat index values for West Tennessee, from the NWS Memphis office.

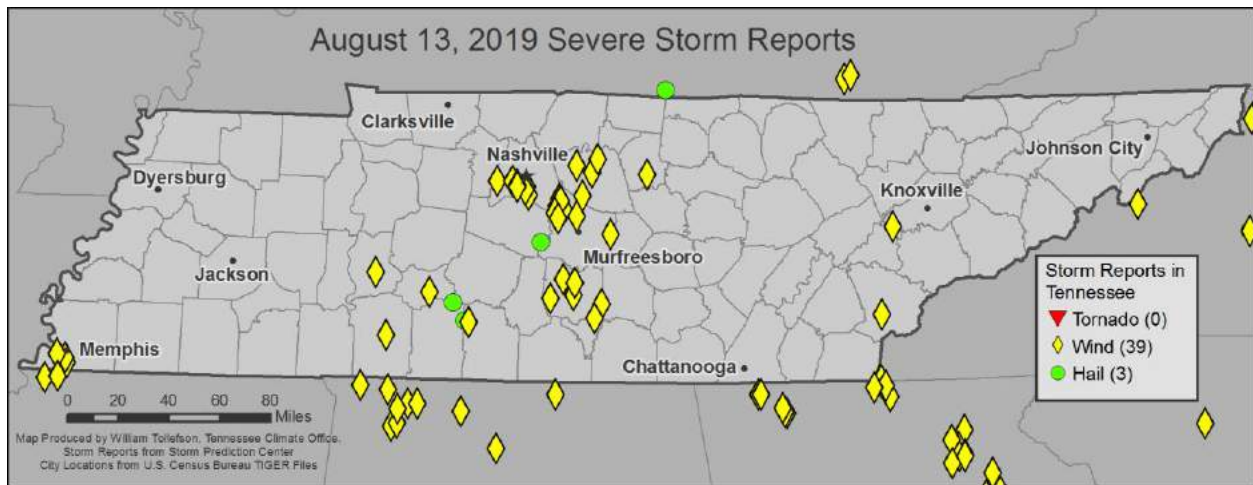


Heat Advisories and forecasted heat index values in Middle Tennessee, from the NWS Nashville office.



Forecasted heat index values for East Tennessee, from the NWS Morristown office.

On the afternoon of the 13th, a round of storms started in Middle Tennessee (around Nashville), and moved south and east producing reports of hail and numerous reports of severe wind damage. In Lebanon (Wilson County) a hanger under construction at Lebanon Municipal Airport collapsed due to storm winds. Another severe storm hit the Memphis area later in the evening, producing several reports of severe wind damage.



Severe Weather Reports from August 13th.

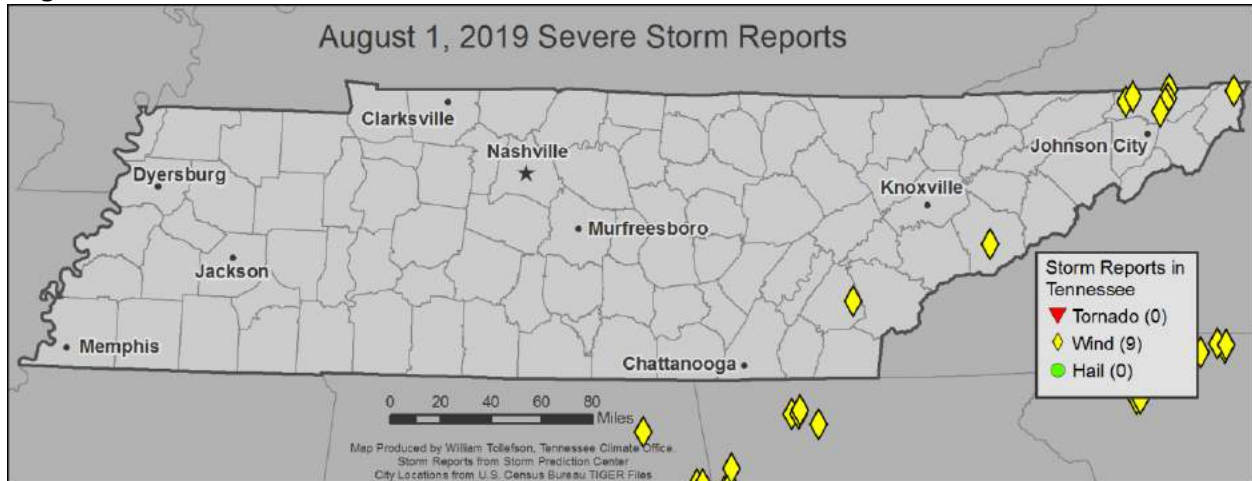


Damage to a hanger under construction at the Lebanon Municipal Airport in Wilson County. Image via News Channel 5 Nashville.

Storm Reports:

There were nine days in August with reports of severe weather, resulting in a total of 84 reports of severe wind damage and three reports of hail 1" or larger. One severe wind event proved fatal, as a downed tree between Gatlinburg and Pigeon Forge in Sevier County fell on a vehicle, killing the driver on August 1st.

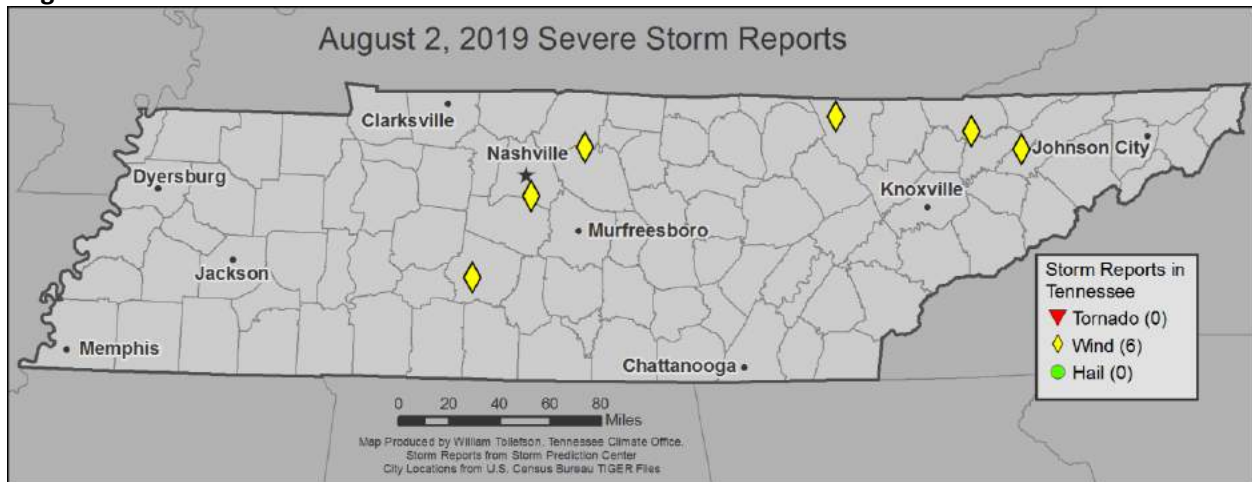
August 1:



Wind Reports:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
19:04	--	2 NW GATLINBURG	SEVIER	35.74	-83.52	*** 1 FATAL *** A THUNDERSTORM PRODUCING HEAVY RAINFALL AND GUSTY WINDS CAUSED A TREE TO FALL ON A VEHICLE ON THE SPUR BETWEEN PIGEON FORGE AND GATLINBURG RESULTING IN A FATALITY (MRX)
22:55	--	ENGLEWOOD	MCMINN	35.43	-84.49	A FEW TREES DOWN NEAR THE ENGLEWOOD AREA. (MRX)
23:35	--	1 ENE KINGSPORT	SULLIVAN	36.53	-82.53	TREE DOWN ON MIDLAND DR. (MRX)
23:35	--	2 SE BLOOMINGDALE	SULLIVAN	36.56	-82.48	A FEW TREES DOWN. (MRX)
0:40	--	2 NW BRISTOL	SULLIVAN	36.59	-82.22	LARGE TREE DOWN IN DOWNTOWN BRISTOL. (MRX)
1:03	--	2 SW BRISTOL	SULLIVAN	36.54	-82.23	TREE DOWN ON AVOCA RD. (MRX)
1:15	--	4 NNE BLUFF CITY	SULLIVAN	36.52	-82.25	AWNING DAMAGE TO CONDOS AT BRISTOL MOTOR SPEEDWAY. (MRX)
1:40	--	1 NW BLUFF CITY	SULLIVAN	36.47	-82.29	CARPORT BLOWN INTO EGYPT RD. (MRX)
1:50	--	LAUREL BLOOMERY	JOHNSON	36.57	-81.76	SEVERAL TREES DOWN AROUND THE LAUREL BLOOMERY AREA. (MRX)

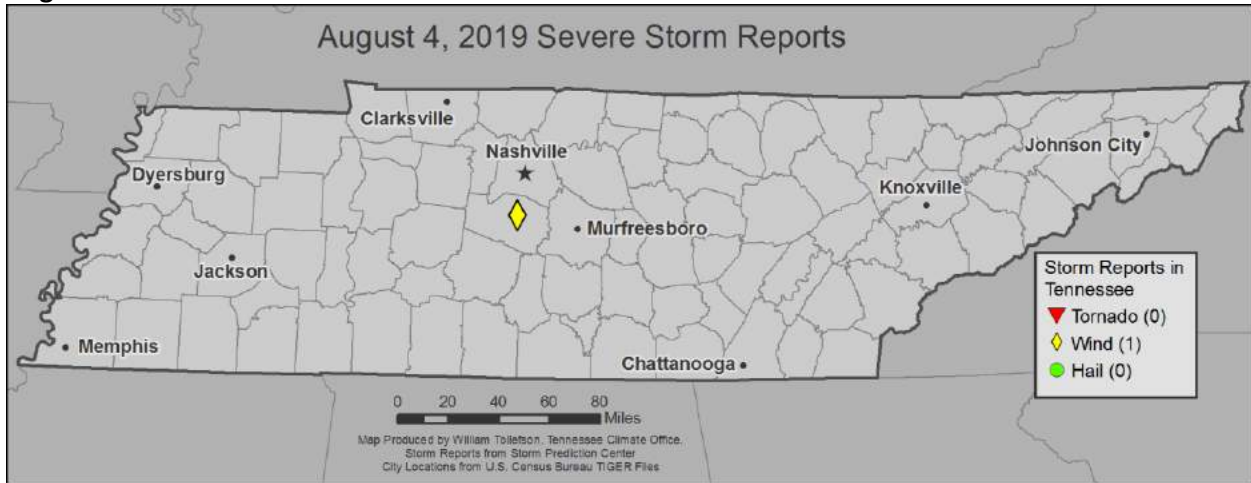
August 2:



Wind Reports:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
21:00	--	4 S BEAN STATION	GRAINGER	36.29	-83.28	WIND DAMAGE TO RV AWNINGS AND PORCHES AT WEBBS LAKEFRONT CAMPGROUND IN BEAN STATION TENNESSEE. WINDS ESTIMATED UP TO 50 MPH. (MRX)
21:00	--	3 WNW LONE MOUNTAIN	CLAIBORNE	36.4	-83.63	SEVERAL TREES DOWN ACROSS SE PART OF COUNTY OCCURRING BETWEEN 4:30 AND 5:30 PM. (MRX)
22:00	--	3 NE MOUNT PLEASANT	MAURY	35.58	-87.16	FENCES AND SMALL TREES DOWN ON ASHWOOD ROAD NEAR ZION ACADEMY. TIME ESTIMATED BASED ON RADAR. (OHX)
22:30	--	4 W ONEIDA	SCOTT	36.5	-84.59	2 TREES DOWN A COUPLE OF MILES WEST OF ONIEDA. (MRX)
23:55	--	5 SW CASTALIAN SPRINGS	WILSON	36.33	-86.37	8 TO 10 INCH TREE LIMBS BROKEN. ESTIMATED WIND SPEED AROUND 50 MPH. (OHX)
1:32	--	2 SSE CRIEVE HALL	DAVIDSON	36.05	-86.75	TRAINED SPOTTER REPORTED NUMEROUS LARGE TREE BRANCHES DOWN ALONG HILL ROAD (OHX)

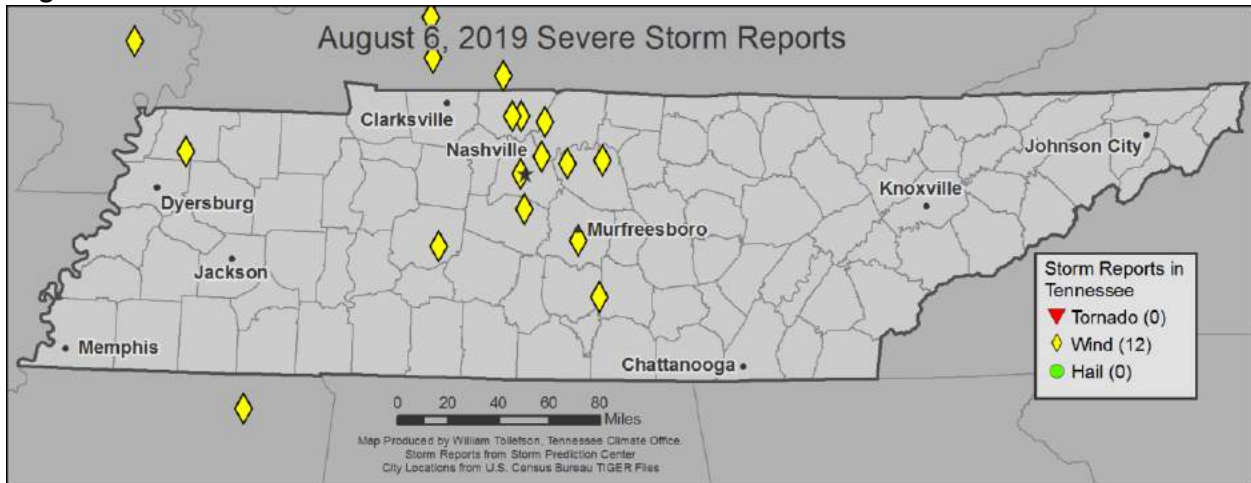
August 4:



Wind Reports:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
20:32	UNK	FRANKLIN	WILLIAMSON	35.93	-86.84	TREE DOWN AT INTERSECTION OF LIBERTY HILLS DRIVE AND LOGAN CIRCLE (OHX)

August 6:



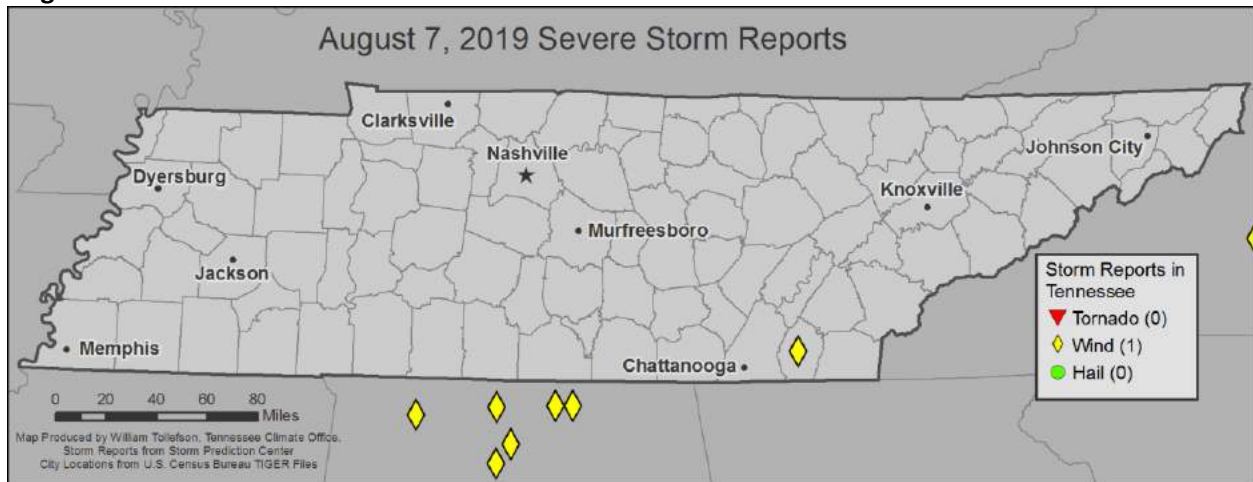
Wind Reports:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
0:55	60	3 E SPRINGFIELD	ROBERTSON	36.5	-86.82	(OHX)
0:55	--	SPRINGFIELD	ROBERTSON	36.5	-86.88	NUMEROUS TREES AND POWER LINES BLOWN DOWN ACROSS ROBERTSON COUNTY WITH SEVERAL ROADWAYS BLOCKED...INCLUDING HWY 76 AT NEW HALL ROAD...KINNEYS ROAD...GLEN RAVEN ROAD AT (OHX)

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1:00	--	WHITE HOUSE	SUMNER	36.47	-86.65	NWS EMPLOYEE REPORTED NUMEROUS TREES AND TREE LIMBS DOWN ACROSS WHITE HOUSE (OHX)
1:21	--	5 NE INGLEWOOD	DAVIDSON	36.27	-86.67	TREES DOWN (OHX)
1:22	--	2 NE MOUNT JULIET	WILSON	36.23	-86.49	TREE IN ROADWAY AT BECKWITH ROAD AND LEBANON ROAD (OHX)
1:32	--	5 NW TUCKERS CROSSROADS	WILSON	36.25	-86.24	TREE IN ROADWAY AT 435 SPRING CREEK ROAD (OHX)
1:37	--	2 W NASHVILLE	DAVIDSON	36.17	-86.82	TREE DOWN IN SYLVAN PARK (OHX)
1:50	--	4 NE FRANKLIN	WILLIAMSON	35.97	-86.79	TREES DOWN AT NOLENSVILLE RD AND PETTUS RD (OHX)
2:00	--	OBION	OBION	36.26	-89.19	LARGE TREE LIMB FELL ON VEHICLE. (MEG)
2:13	--	5 S MURFREESBORO	RUTHERFORD	35.79	-86.41	TREE SNAPPED NEAR BARFIELD CRESCENT PARK (OHX)
2:40	--	5 SE CENTERVILLE	HICKMAN	35.75	-87.39	NUMEROUS TREES AND POWER LINES WERE BLOWN DOWN ACROSS EASTERN HICKMAN COUNTY INCLUDING ON HWY 50 EAST...SWAN CREEK ROAD...UGLY CREEK ROAD...FALLS BRANCH ROAD...BLUE BUC (OHX)
2:47	60	1 N NORMANDY	BEDFORD	35.47	-86.26	(OHX)

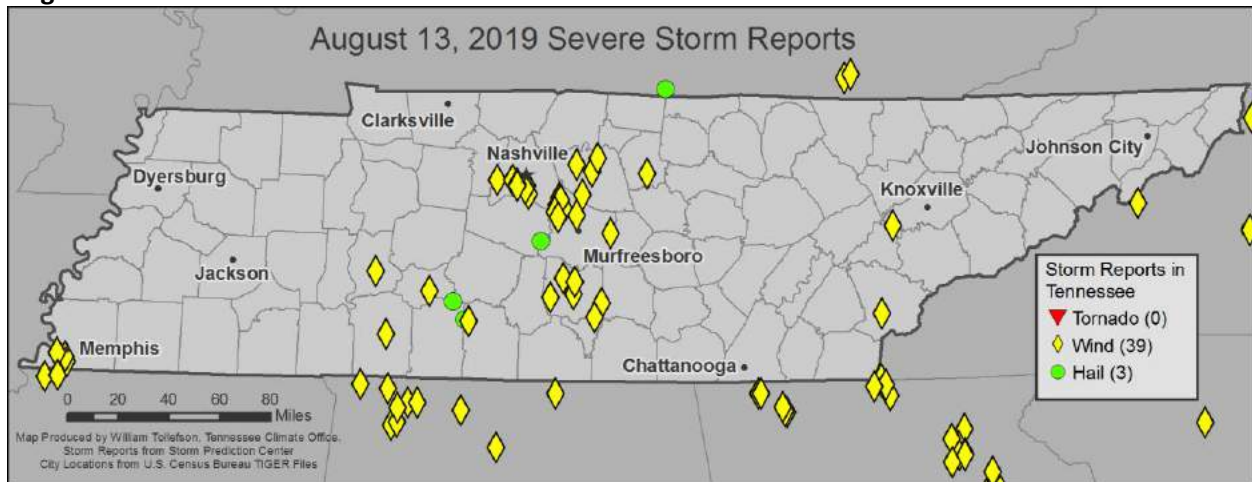
August 7:



Wind Reports:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
21:30	UNK	CLEVELAND	BRADLEY	35.16	-84.88	A FEW TREES DOWN AROUND THE CLEVELAND AREA. (MRX)

August 13:



Wind Reports:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
16:20	--	1 W FARRAGUT	KNOX	35.87	-84.2	A COUPLE OF TREES WERE DOWNED. (MRX)
20:10	--	2 NNE WEST MEADE	DAVIDSON	36.14	-86.88	TWITTER REPORT OF A TREE DOWN ON CHARLOTTE PIKE BEFORE NASHVILLE WEST. (OHX)
20:12	--	4 ENE PEGRAM	DAVIDSON	36.14	-86.99	FACEBOOK REPORT OF TREE BRANCHES AND DEBRIS ON RIVER RD LEAVING NASHVILLE. (OHX)
20:16	--	2 N OAK HILL	DAVIDSON	36.11	-86.78	TREE DOWN BLOCKING CALDWELL LANE BETWEEN CALDWELL CT AND GENERAL BATE DR (OHX)
20:19	--	1 SW CRIEVE HALL	DAVIDSON	36.06	-86.77	TSPOTTER REPORT OF TREE DAMAGE IN CRIEVE HALL. (OHX)
20:24	--	2 NNE WEST MEADE	DAVIDSON	36.14	-86.88	TWITTER REPORT OF A TREE DOWN ON CHARLOTTE PIKE BEFORE NASHVILLE WEST. (OHX)
20:27	--	1 N OAK HILL	DAVIDSON	36.09	-86.79	TSPOTTER REPORT OF A TREE DOWN ACROSS HILL ROAD IN FRONT OF GRANBERY ELEMENTARY. (OHX)
20:27	--	5 NNE BELINDA CITY	WILSON	36.23	-86.43	LARGE TREE SNAPPED NEAR HWY 70 AT HWY 109 (OHX)
20:36	--	2 S LEBANON	WILSON	36.19	-86.32	AN UNDER CONSTRUCTION AIRPORT HANGAR AT THE LEBANON AIRPORT COLLAPSED DUE TO HIGH THUNDERSTORM WINDS (OHX)
20:38	--	5 NNE LEBANON	WILSON	36.27	-86.28	TREE ACROSS ROADWAY IN COLES FERRY PIKE/CARIO BEND ROAD AREA AS WELL AS AROUND THE 1485 BLOCK OF OLD HUNTERS POINT PIKE. (OHX)
20:41	--	2 NE LA VERGNE	RUTHERFORD	36.03	-86.55	FACEBOOK REPORT OF TREES DOWN IN CEDAR GLEN COMMUNITY OF LA VERGNE. (OHX)

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20:44	--	SMYRNA	RUTHERFORD	35.98	-86.52	TSPOTTER REPORT OF PEA SIZED HAIL AND TREE DAMAGE IN SMYRNA. (OHX)
20:44	--	LA VERGNE	RUTHERFORD	36	-86.57	OUTDOOR GARAGE BUILDING PICKED UP AND TOSSED TO A NEIGHBORS YARD IN LA VERGNE. (OHX)
20:45	--	7 N WALTERHILL	WILSON	36.06	-86.39	NUMEROUS TREES DOWN ALONG VESTA ROAD (OHX)
20:53	--	4 WSW WALTERHILL	RUTHERFORD	35.94	-86.43	TREES DOWN ON SULPHUR SPRINGS ROAD (OHX)
20:53	--	3 NNE LA VERGNE	RUTHERFORD	36.04	-86.55	NUMEROUS TREES AND POWER LINES DOWN ACROSS THE LAKE FOREST SUBDIVISION IN LAVERGNE WITH SOME FALLING ON CARS AND HOMES (OHX)
20:55	--	3 NE LA VERGNE	RUTHERFORD	36.03	-86.54	FACEBOOK PHOTOS SHOWED EXTENSIVE SIDING BLOWN OFF A HOME AT 269 HOLLANDALE ROAD (OHX)
21:02	--	3 S LA VERGNE	RUTHERFORD	35.96	-86.58	SEVERAL TREES DOWN AROUND THE BLAIR ROAD AND ROCK SPRINGS ROAD AREA (OHX)
21:11	--	5 SSW SMYRNA	RUTHERFORD	35.93	-86.56	TREE DOWN NEAR STEWART'S CREEK SCHOOL. ROCKY FORK RD. (OHX)
21:14	--	1 N BELLE MEADE	DAVIDSON	36.12	-86.85	TREE DOWN BLOCKING BELLE MEADE BLVD NEAR BONAVENTURE PLACE (OHX)
21:15	--	1 NNE BELLE MEADE	DAVIDSON	36.11	-86.85	REPORT OF A LARGE TREE DOWN ON LINWOOD DRIVE NEAR NATCHEZ TRACE BLOCKING ONE LANE. (OHX)
21:15	--	GORDONSVILLE	SMITH	36.18	-85.93	FACEBOOK REPORT OF TREES DOWN IN GRANT COMMUNITY IN GORDONSVILLE. (OHX)
21:27	--	7 W WOODBURY	RUTHERFORD	35.84	-86.19	LARGE TREE LIMBS DOWN ON BIEVINS HILL ROAD NEAR GOOCHIE FORD ROAD (OHX)
22:44	--	7 E ETHRIDGE	GILES	35.33	-87.18	TSPOTTER REPORT OF A TREE DOWN ON RHEA BRANCH RD. IN CAMPBELLSVILLE. (OHX)
22:46	--	8 NNW SHELBYVILLE	BEDFORD	35.58	-86.52	REPORT OF ROOF BLOWN OFF OF TRAILER ON OLD NASHVILLE DIRT ROAD. (OHX)
22:52	59	SHELBYVILLE	BEDFORD	35.49	-86.45	MEASURED WIND GUST FROM SHELBYVILLE ASOS OF 51 KTS AT 5:52 PM. (OHX)
22:52	59	5 N SHELBYVILLE	BEDFORD	35.56	-86.44	MEASURED WIND GUST FROM SHELBYVILLE ASOS OF 51 KTS / 59 MPH AT 5:52 PM. (OHX)
22:59	--	7 E ETHRIDGE	GILES	35.33	-87.18	TSPOTTER REPORT OF A TREE DOWN ON RHEA BRANCH RD. IN CAMPBELLSVILLE. (OHX)

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23:12	--	5 NNW TULLAHOMA	COFFEE	35.44	-86.25	TREE AND POWER LINES DOWN ON CASCADE HOLLOW ROAD NEAR SCHMEIDE MACHINERY (OHX)
23:22	--	10 W SHELBYVILLE	BEDFORD	35.47	-86.61	TREES REPORTED DOWN OVER GANT ROAD. (OHX)
23:22	63	7 ESE HOHENWALD	LEWIS	35.5	-87.46	RAWS STATION MERT1 MERIWETHER LEWIS MEASURED A WIND GUST OF 63 MPH. (OHX)
23:44	--	7 E ETHRIDGE	GILES	35.33	-87.18	TSPOTTER REPORT OF A TREE DOWN ON RHEA BRANCH RD. IN CAMPBELLSVILLE. (OHX)
23:55	--	6 NNE LYNCHBURG	MOORE	35.36	-86.3	TREE DOWN ON HWY 55 NEAR MOTLOW STATE COMMUNITY COLLEGE. TIME ESTIMATED FROM RADAR. (HUN)
0:15	--	TELLICO PLAINS	MONROE	35.37	-84.29	A FEW TREES REPORTED DOWN NEAR TELLICO PLAINS. (MRX)
0:15	--	LINDEN	PERRY	35.61	-87.84	TREE AND POWER LINES DOWN ON HIGHWAY 13 SOUTH NEAR THE WATER PLANT. TIME ESTIMATED. (OHX)
0:45	58	3 ENE WHITEHAVEN	SHELBY	35.04	-89.98	WIND GUST MEASURED AT MEMPHIS INTERNATIONAL AIRPORT. (MEG)
0:45	--	4 NNE WHITEHAVEN	SHELBY	35.07	-89.99	ROOF DAMAGE TO OFFICE COMPLEX ON DIRECTORS ROW. (MEG)
0:50	58	3 S DOWNTOWN MEMPHIS	SHELBY	35.09	-90.05	WINDS STRONG ENOUGH TO MOVE TWO (LIKELY EMPTY) RAILCARS IN AN UPHILL DIRECTION AT THE CN RAILYARD IN SOUTHWEST MEMPHIS. (MEG)
1:35	--	5 NNW COLLINWOOD	WAYNE	35.25	-87.76	TREE DOWN ON HIGHWAY 13 SOUTH NEAR DALES MARKET (OHX)

Hail Reports:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
21:27	1	4 NNW EAGLEVILLE	WILLIAMSON	35.79	-86.68	QUARTER SIZED HAIL REPORT ON FACEBOOK WITH PICTURE. IN COLLEGE GROVE AREA. (OHX)
22:24	1	1 ENE SUMMERTOWN	LAWRENCE	35.44	-87.29	EM REPORT OF QUARTER SIZE HAIL SLIGHTLY WEST OF LAWRENCE/MAURY CO. LINE ALONG TN-20 IN SUMMERTOWN. REPORT OF CAR WINDSHIELD DAMAGE ASSOCIATED WITH HAIL. (OHX)
22:59	1	10 NE LAWRENCEBURG	GILES	35.34	-87.21	UP TO QUARTER SIZE HAIL REPORTED NEAR CAMPBELLSVILLE (OHX)

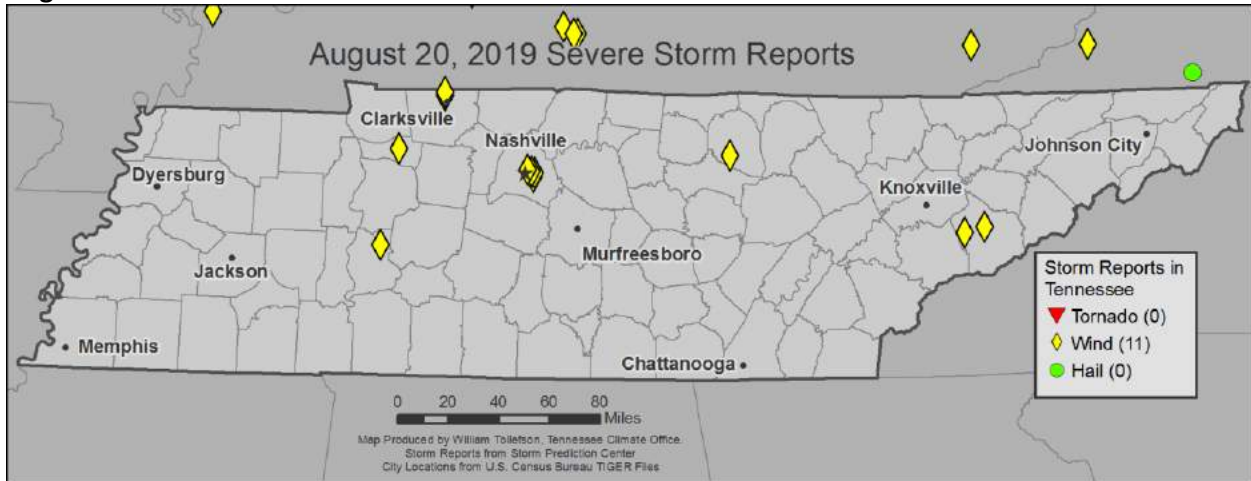
August 19:



Wind Reports:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
22:10	--	KODAK	SEVIER	35.97	-83.63	SEVERAL TREES AND POWER LINES DOWN IN THE KODAK AREA. TIME ESTIMATED FROM RADAR. (MRX)
22:10	--	4 W KODAK	KNOX	36	-83.69	HIGH WINDS DOWNED TREES ON LEFT AND RIGHT SHOULDERS AND BLEW A TRACTOR TRAILER BACKWARDS INTO OTHER CARS ON INTERSTATE 40 BETWEEN MILE MARKERS 400 AND 405. TIME ESTIMATED (MRX)

August 20:



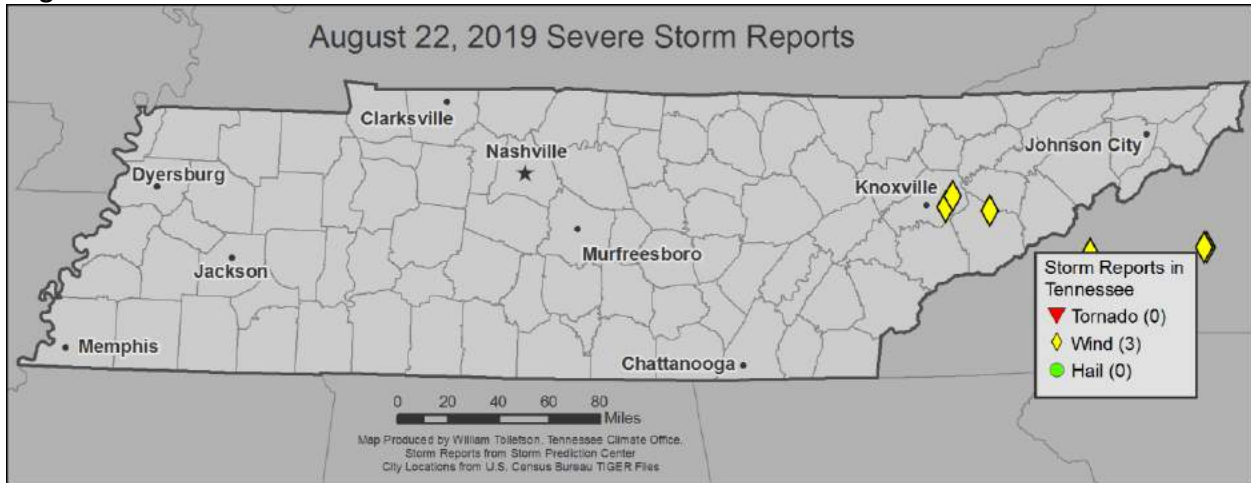
Wind Reports:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
20:15	--	2 SE EAST NASHVILLE	DAVIDSON	36.15	-86.73	ROOF DAMAGE OCCURRED TO A BUSINESS WITH PART OF A ROOF BLOWN ONTO LEBANON PIKE. (OHX)

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20:30	--	2 E EAST NASHVILLE	DAVIDSON	36.17	-86.72	NUMEROUS LIMBS WERE BLOWN DOWN IN AND AROUND SHELBY PARK. (OHX)
20:30	--	1 ENE EAST NASHVILLE	DAVIDSON	36.18	-86.74	A 10 INCH DIAMETER TREE WAS BLWON DOWN IN THE LOCKLAND SPRINGS COMMUNITY. (OHX)
20:30	--	1 NNW EAST NASHVILLE	DAVIDSON	36.19	-86.77	POWER LINES WERE KNOCKED DOWN AND A POWER POLE WAS SNAPPED NEAR THE INTERSECTION OF DOUGLAS AND STAINBACK IN EAST NASHVILLE. (OHX)
21:28	--	4 NNW CLARKSVILLE	MONTGOMERY	36.61	-87.36	NUMEROUS TREES WERE BLOWN DOWN BLOCKING TRAILS IN BILLY DUNLOP PARK AND ROBERT CLARK PARK WITH BOTH PARKS CLOSED (OHX)
21:45	--	2 SE ERIN	HOUSTON	36.3	-87.68	TREES DOWN ON HIGHWAY 49 AND NEAR HIGHWAY 13 AT BATEMAN BRANCH ROAD. PEA SIZE HAIL ALSO REPORTED. (OHX)
21:47	--	5 N CLARKSVILLE	MONTGOMERY	36.63	-87.36	POWER LINES WERE BLOWN DOWN ON NEEDMORE ROAD AT TINY TOWN ROAD. PEA SIZE HAIL ALSO REPORTED. (OHX)
23:37	--	LOBELVILLE	PERRY	35.75	-87.8	TWITTER VIDEOS SHOWED MICROBURST BLEW DOWN 3 TREES IN LOBELVILLE (OHX)
0:22	--	8 NE ALGOOD	OVERTON	36.27	-85.34	TREE DOWN AT OKOLONA AND OAK HILL ROADS (OHX)
1:00	--	7 NNW WEARS VALLEY	SEVIER	35.81	-83.69	TREE DOWN ON RIDGE ROAD AND EAST RIDGE ROAD. (MRX)
1:00	--	3 N PIGEON FORGE	SEVIER	35.84	-83.55	CORRECTS PREVIOUS TSTM WND DMG REPORT... INCORRECT LOCATION. TREE DOWN AT 1515 RIDGE ROAD AND ANOTHER ON EAST RIDGE ROAD. (MRX)

August 22:



Wind Reports:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
23:50	UNK	4 NE LAKE FOREST	KNOX	35.96	-83.82	SEVERAL TREES DOWN NEAR THE INTERSECTION OF THORNGROVE PIKE AND JOHN SEVIER HIGHWAY. (MRX)
0:20	UNK	4 S MASCOT	KNOX	36.02	-83.77	SEVERAL TREES AND POLES DOWN. POWER OUTAGES REPORTED. (MRX)
0:45	UNK	4 NE SEVIERVILLE	SEVIER	35.93	-83.51	SEVERAL TREES DOWN AROUND THE KODAK AREA. (MRX)

CPC Outlooks for the Next Month:

The Climate Prediction Center outlook for temperatures in September indicates that most of Tennessee has a slight chance of being warmer than normal. Northwest portions of the state have equal chances for temperatures to be normal, above normal, or below normal. The outlook for September's precipitation indicates that all of Tennessee has equal chances of being normal, above normal, or below normal.

