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6-1-2019

2019 June - Tennessee Monthly Climate Report

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June 2019 Tennessee State Climate Summary

Tennessee Climate Office * East Tennessee State University

Prepared by William Tollefson and Dr. Andrew Joyner

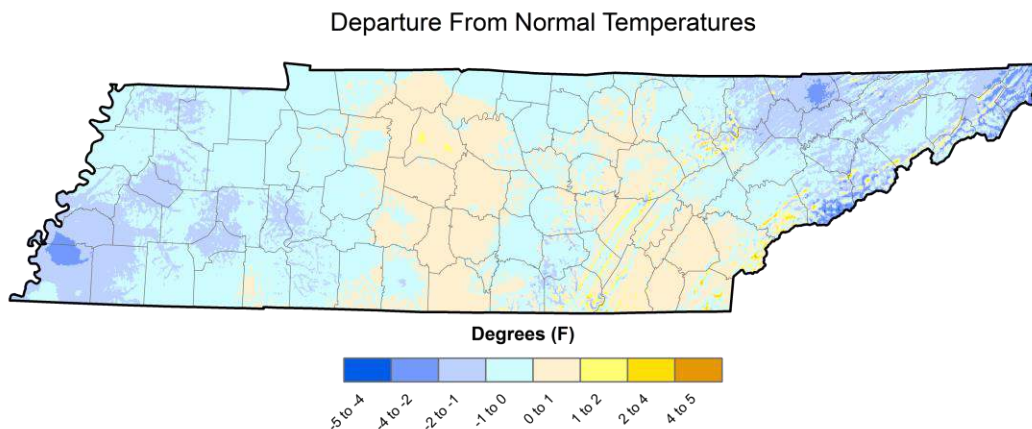
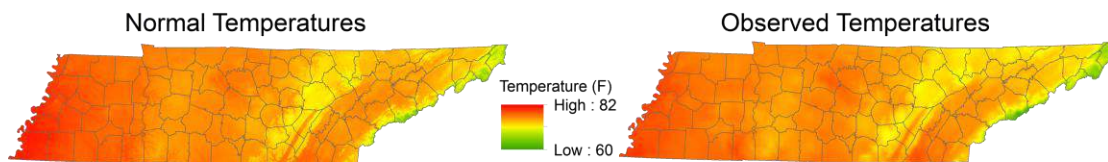
With contributions by Climate Data Representatives at University of Tennessee-Martin, Vanderbilt University, and University of Tennessee-Institute of Agriculture

Monthly Temperature Summary:

Mean temperatures for June were at to below average for most areas of the state. Almost all of West Tennessee and northeast Tennessee recorded below normal temperatures, while areas of southern East Tennessee and central Middle Tennessee recorded temperatures 0-1°F above normal for the month. The first week of the month brought above normal temperatures to most of the state, with the exception of northeast Tennessee, and northern sections of the Cumberland Plateau. A relatively strong cold front swept the state during the second week of the month, resulting in below normal temperatures, and a few record daily low temperatures on the 13th and 14th. Mount LeConte, in the Great Smoky Mountains even fell below freezing, recording a minimum temperature of 31°F on June 15th! The second half of the month was closer to normal, however most of Middle Tennessee recorded temperatures 1- 2°F above normal, driving their monthly average slightly above normal. The month ended on a warm note, with about half of the reporting weather stations reaching their monthly maximum temperatures from the 27th-30th (mostly in Middle and East Tennessee).



June 2019 Mean Temperature



Stations with the highest mean temperature

Station Name	Station Type	Mean Temperature (F)
GERMANTOWN 4SE	COOP	78.1
MEMPHIS INTERNATIONAL AP	WBAN	77.7
CHATTANOOGA AP	WBAN	77.3
SHILOH NMP TENNESSEE	RAWS	77.1
NASHVILLE INTL AP	WBAN	77

Map Data From: PRISM Climate Group, Oregon State University. <http://prism.oregonstate.edu> 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	54
NEWFOUND GAP	COOP	61.6
ROAN MOUNTAIN 3SW	COOP	64.8
CHEROKEE TENNESSEE	RAWS	66.4
GATLINBURG 2 SW	COOP	68.5

Monthly Precipitation Summary:

Most of the state recorded above normal precipitation during June, with a notable exception in West Tennessee, where parts of Lauderdale, Haywood, Crockett, Dyer, and Gibson Counties recorded only 50-75% normal rainfall. The rainiest part of the state was to the northeast of Nashville, in southern Sumner County, where several rain gauges recorded over a foot of rainfall during the month! Most rainfall in the state occurred during the 2nd and 3rd weeks of the month, with the first and last weeks of the month producing below normal rainfall for most of the state. Most rainfall was associated with thunderstorm activity and came in short-duration downpours. The Memphis Airport set a daily record rainfall total on the 7th, with 2.8" of rain. Nearby, on the eastern side of Shelby County, areas recorded as much as 6" of rain in a four hour period, producing record flooding on the Nonconnah Creek.

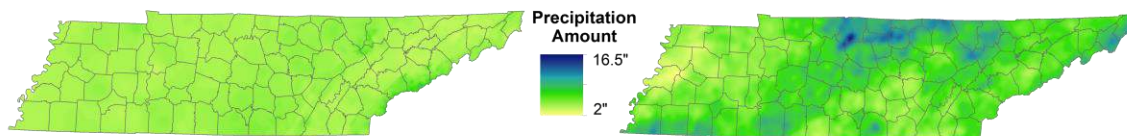


June 2019 Precipitation

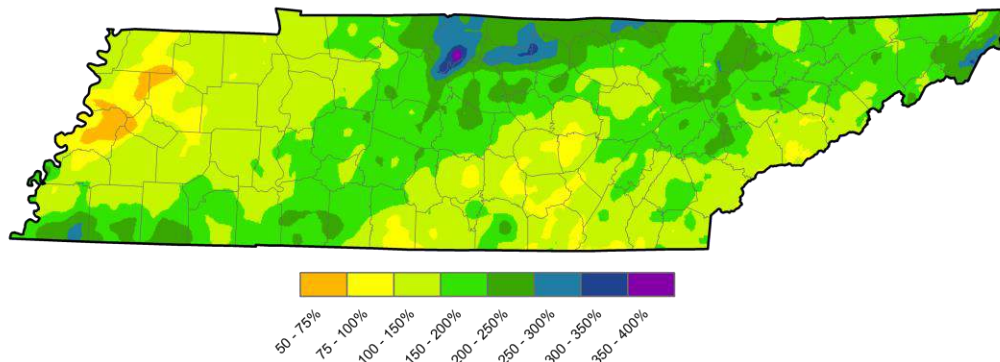


Normal Precipitation

Observed Precipitation



Percent Normal Precipitation



Stations with the most precipitation

Station Name	Station Type	Total Precipitation (in)
CARTHAGE 8.7 NNE	CoCoRaHS	13.67
GREEN HILL 0.3 N	CoCoRaHS	13.12
GALLATIN 1.9 NNE	CoCoRaHS	13.07
GERMANTOWN 4SE	COOP	12.84
HENDERSONVILLE 2.9 NE	CoCoRaHS	12.79

Map Data From: PRISM Climate Group, Oregon State University, <http://prism.oregonstate.edu> 1981-2010 Normals Used Station Data retrieved from SC ACIS2

Stations with the least precipitation

Station Name	Station Type	Total Precipitation (in)
CHEATHAM LOCK & DAM	COOP	2.79
NEWBERN 6.5 SE	CoCoRaHS	2.81
OOLTEWAH 2.0 S	CoCoRaHS	3.37
MILAN EXP STN	COOP	3.48
BELL BUCKLE 2.0 SE	CoCoRaHS	3.72

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

Hottest Stations (highest maximum temperature)

Station Name	Station Type	Highest Temperature (F)
MILAN EXP STN	COOP	97
SHILOH NMP TENNESSEE	RAWS	95
GERMANTOWN 4SE	COOP	95
GLADEVILLE	COOP	95
CHATTANOOGA AP	WBAN	94
MEMPHIS WFO	WBAN	94
NASHVILLE INTL AP	WBAN	94
CAMDEN TOWER TENNESSEE	RAWS	94
MEIGS EOC TENNESSEE	RAWS	94
ATHENS	COOP	94
LEWISBURG EXP STA	COOP	94
SPRINGFIELD EXPERIMENT STATION	COOP	94
CLARKSVILLE WWTP	COOP	94
NASHVILLE BERRY FIELD	COOP	94
CHEATHAM LOCK & DAM	COOP	94
OLD HICKORY DAM	COOP	94
LEBANON 7 N	COOP	94

Coldest Stations (lowest minimum temperature)

Station Name	Station Type	Lowest Temperature (F)
MT LECONTE	COOP	31
NEWFOUND GAP	COOP	40
CHEROKEE TENNESSEE	RAWS	41
CROSSVILLE 7 NW	WBAN	42
WAYNESBORO	COOP	42
TAZEWELL	COOP	42
COALMONT	COOP	42
BLEDSON SF TENNESSEE	RAWS	43
CROSSVILLE EXP STN	COOP	43
JAMESTOWN	COOP	43
ROAN MOUNTAIN 3SW	COOP	43

Warmest Stations (highest mean temperatures)

Station Name	Station Type	Mean Temperature (F)
GERMANTOWN 4SE	COOP	78.1
MEMPHIS INTERNATIONAL AP	WBAN	77.7
CHATTANOOGA AP	WBAN	77.3
SHILOH NMP TENNESSEE	RAWS	77.1
NASHVILLE INTL AP	WBAN	77
MEMPHIS WFO	WBAN	76.7
NASHVILLE BERRY FIELD	COOP	76.5
JACKSON EXP STA	COOP	76.1
SELMER	COOP	75.8
CAMDEN TOWER TENNESSEE	RAWS	75.5

Coollest Stations (lowest mean temperatures)

Station Name	Station Type	Mean Temperature (F)
MT LECONTE	COOP	54
NEWFOUND GAP	COOP	61.6
ROAN MOUNTAIN 3SW	COOP	64.8
CHEROKEE TENNESSEE	RAWS	66.4
GATLINBURG 2 SW	COOP	68.5
CROSSVILLE EXP STN	COOP	68.5
TAZEWELL	COOP	68.5
COALMONT	COOP	68.5
TOWNSEND 5S	COOP	68.7
NORRIS	COOP	69.4

Wettest Stations (highest precipitation totals):

Station Name	Station Type	Total Precipitation (in)
CARTHAGE 8.7 NNE	CoCoRaHS	13.67
GREEN HILL 0.3 N	CoCoRaHS	13.12
GALLATIN 1.9 NNE	CoCoRaHS	13.07
GERMANTOWN 4SE	COOP	12.84
HENDERSONVILLE 2.9 NE	CoCoRaHS	12.79
OLD HICKORY WFO	COOP	12.72
PIKEVILLE 5.4 N	CoCoRaHS	12.38
PETROS 0.2E	CoCoRaHS	12.26
COOKEVILLE 4.6 WNW	CoCoRaHS	12.08
OLD HICKORY 1.6 SSE	CoCoRaHS	12.01

Driest Stations (lowest precipitation totals):

Station Name	Station Type	Total Precipitation (in)
CHEATHAM LOCK & DAM	COOP	2.79
NEWBERN 6.5 SE	CoCoRaHS	2.81
OOLTEWAH 2.0 S	CoCoRaHS	3.37
MILAN EXP STN	COOP	3.48
BELL BUCKLE 2.0 SE	CoCoRaHS	3.72
SPARTA 3.9 S	CoCoRaHS	3.73
JACKSON 2.9 N	CoCoRaHS	3.75
FAYETTEVILLE 5.8 WSW	CoCoRaHS	3.79
BARTLETT 3.6 N	CoCoRaHS	3.8
JACKSON 4 NE	COOP	3.92

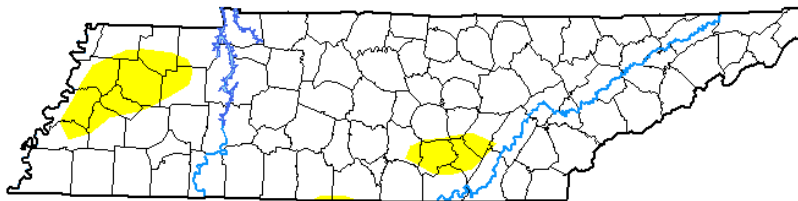
Drought Monitor:

June was a mixed bag for drought in Tennessee. Large areas of Middle Tennessee were in D0 drought conditions at the beginning of the month, but heavy rains cleared that drought. However, by the end of the month D0 conditions expanded in portions of West Tennessee, and in climate division 2 (Cumberland Plateau).

Author:
Brad Pugh
CPC/NOAA

**U.S. Drought Monitor
Tennessee**

June 25, 2019
(Released Thursday, Jun. 27, 2019)
Valid 8 a.m. EDT



Intensity:

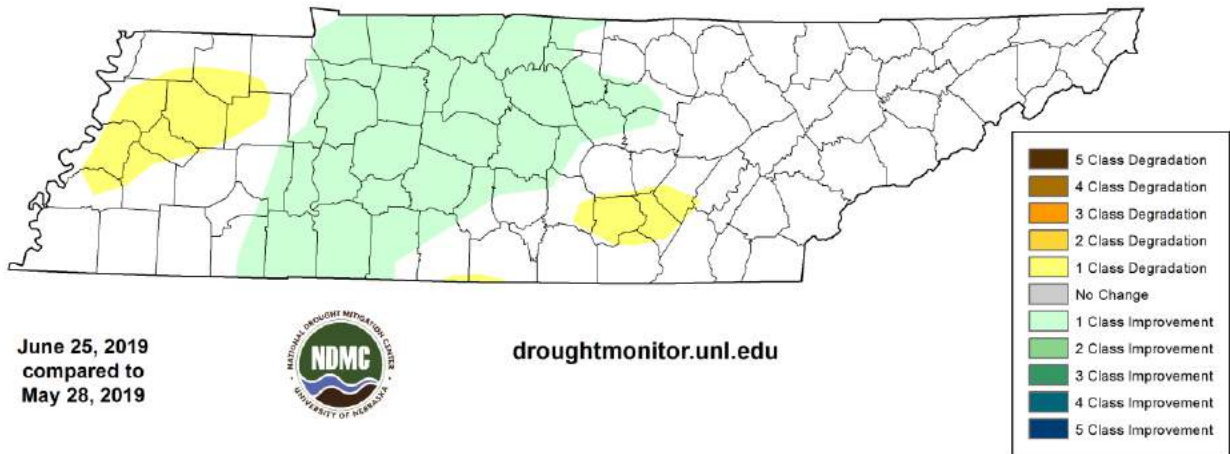
- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought



droughtmonitor.unl.edu

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

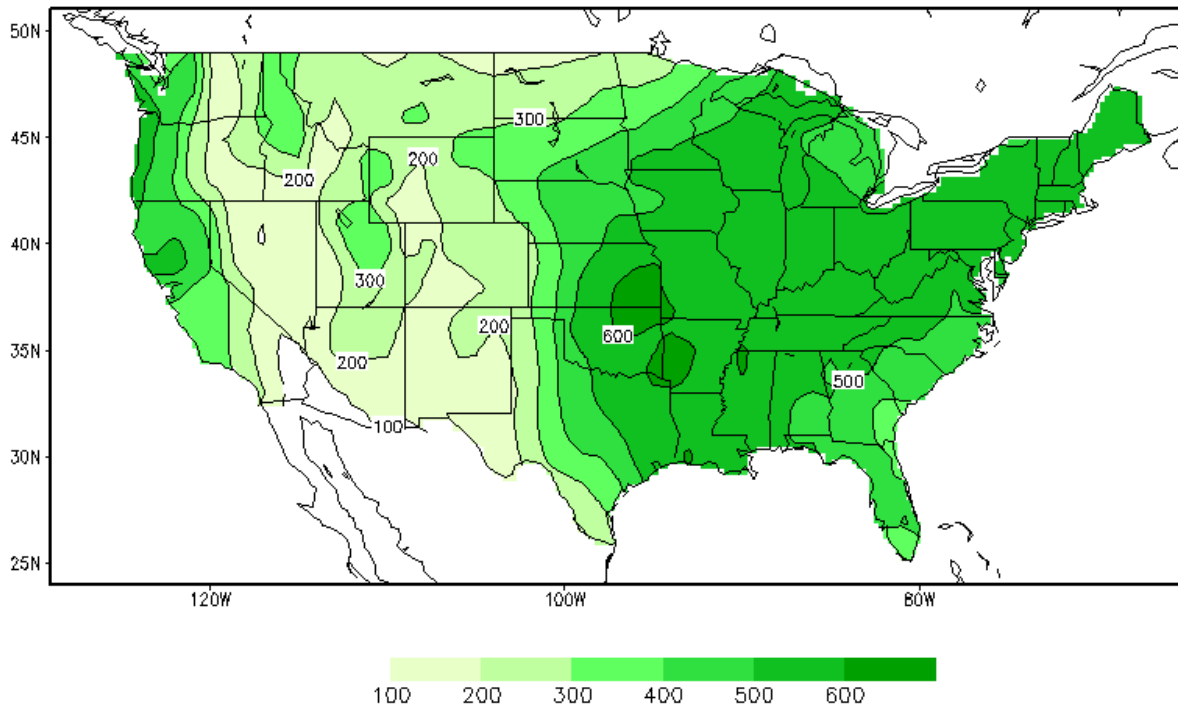
U.S. Drought Monitor Class Change - Tennessee 1 Month



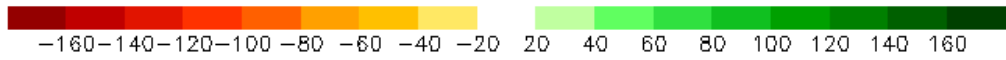
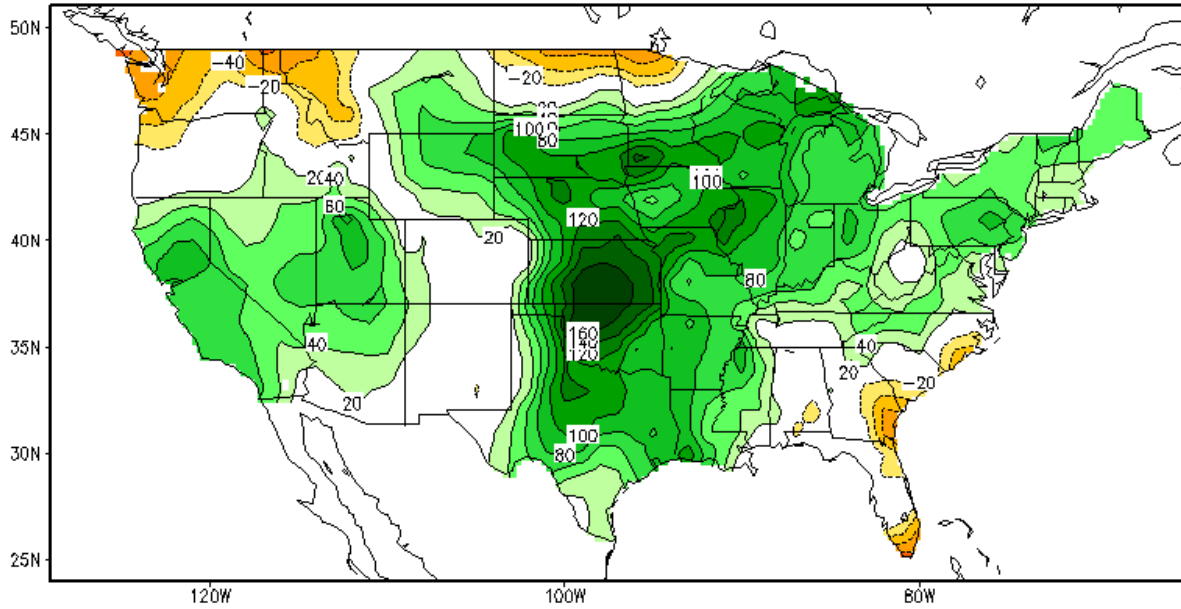
Soil Moisture:

With wetter conditions this month, soil moisture averaged above 500mm across the whole state, with a small area around Shelby County observing 600mm. These soil moisture readings were at to above normal across the state, and showed an increase from the end of May.

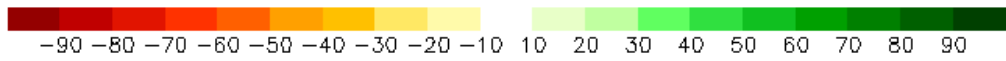
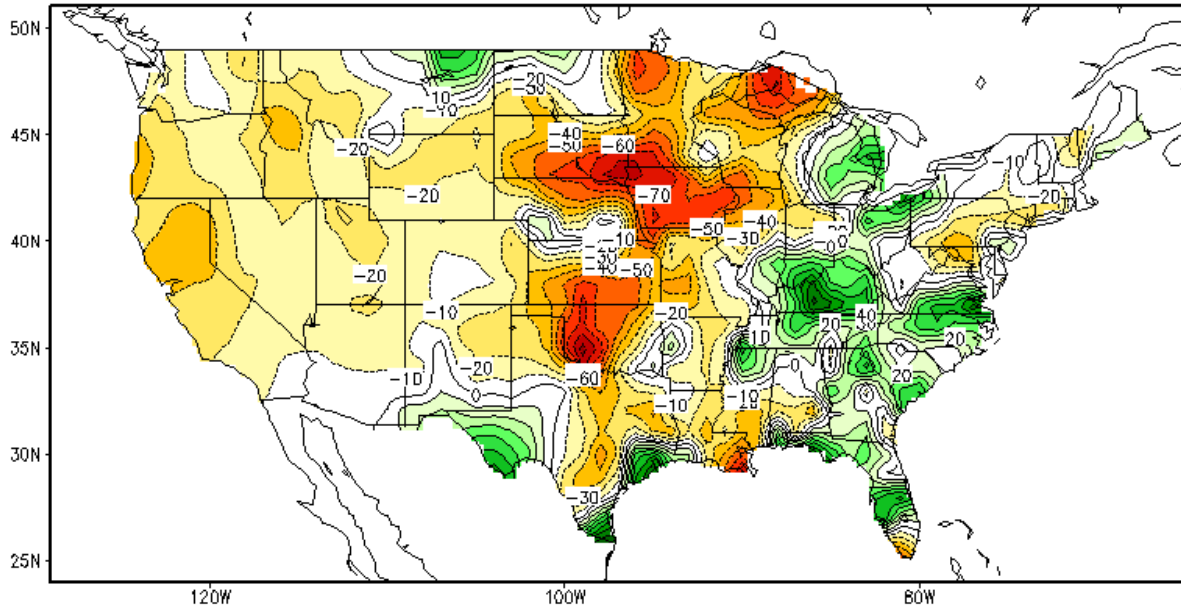
Calculated Soil Moisture (mm) JUN, 2019



Calculated Soil Moisture Anomaly (mm) JUN, 2019



Calculated Soil Moisture Anomaly Change JUN 30, 2019 from MAY 31



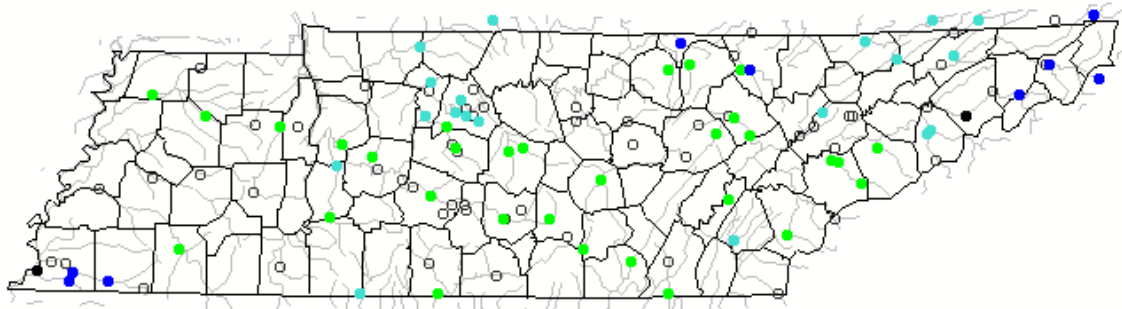
Streamflow:

Streamflow across the state also averaged at to above normal for the month. Streamflow was much above normal in northeast and southwest Tennessee. The Mississippi River re-entered flood stage for several stations in the Tennessee section of the river, including Memphis towards the end of the month. Heavy rainfall associated with thunderstorms also produced flash flooding in many areas, one of the most extreme examples occurred in the Memphis area on June 6th-7th. A thunderstorm produced 3-6 inches of rain in a 4-hour period leading to flash flooding and a record flood height on Nonconnah Creek.

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

Tennessee ▼ or Water-Resources Regions ▼

June 2019

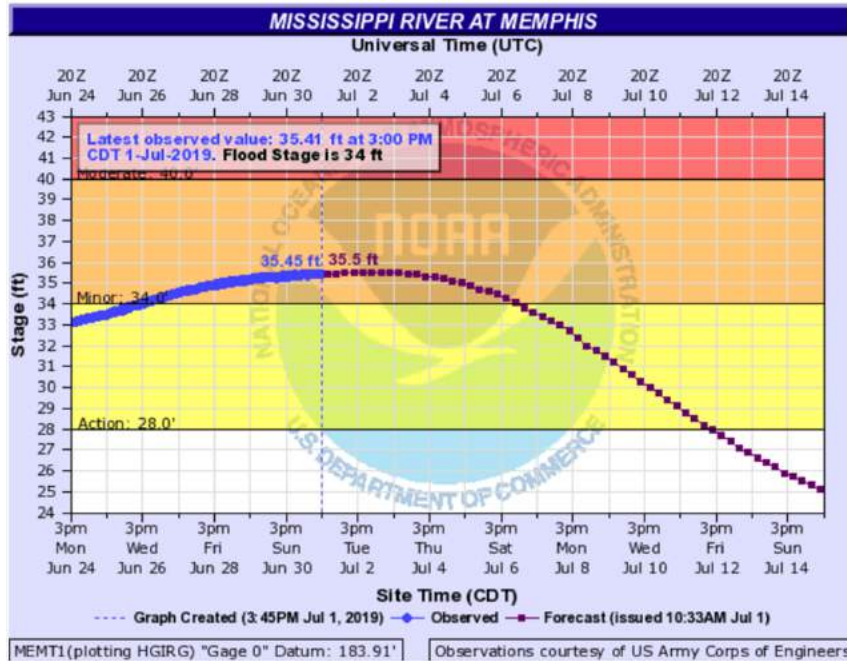


Search USGS streamgage 🔍

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 <small>Much below normal</small>	10-24 <small>Below normal</small>	25-75 <small>Normal</small>	76-90 <small>Above normal</small>	>90 <small>Much above normal</small>	High	Not-ranked



USGS Stream Gauge for the Mississippi River at Memphis when the river re-entered minor flood stage on June 26th. It is forecasted to remain in flood stage through the first week of July.

US National Weather Service Memphis Tennessee
9 hrs - 🌐

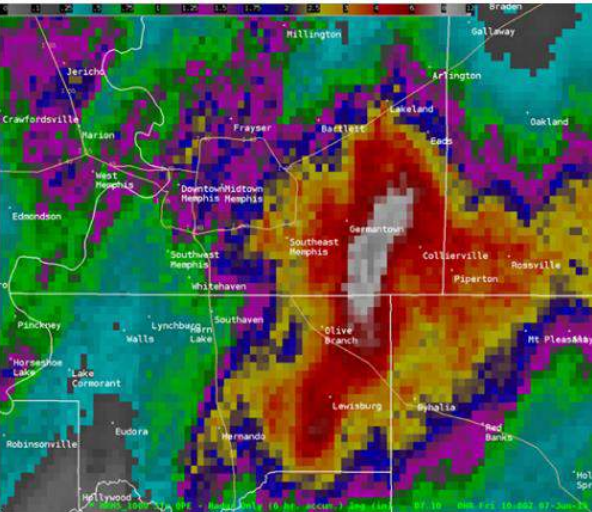

6 hour (11 PM Thursday - 5 AM Friday) radar rainfall estimates (not corroborated by rain gauge measurements) in excess of 11 inches over southeast Shelby County.

Flash Flood Warnings and Areal Flood Warnings continue for the area. Turn around, don't drown!

US National Weather Service Memphis Tennessee
3 hrs - 🌐

These flooding photos are from the overnight heavy rainfall event across the Memphis Metro, where some areas received 3-6 inches of rainfall in a period of 4 hours or less.

Pic credit:
Our local meteorologist's apartment complex around 3:45AM this morning

Radar estimated precipitation totals and flash flooding occurred on the eastern half of Shelby County, June 6th.



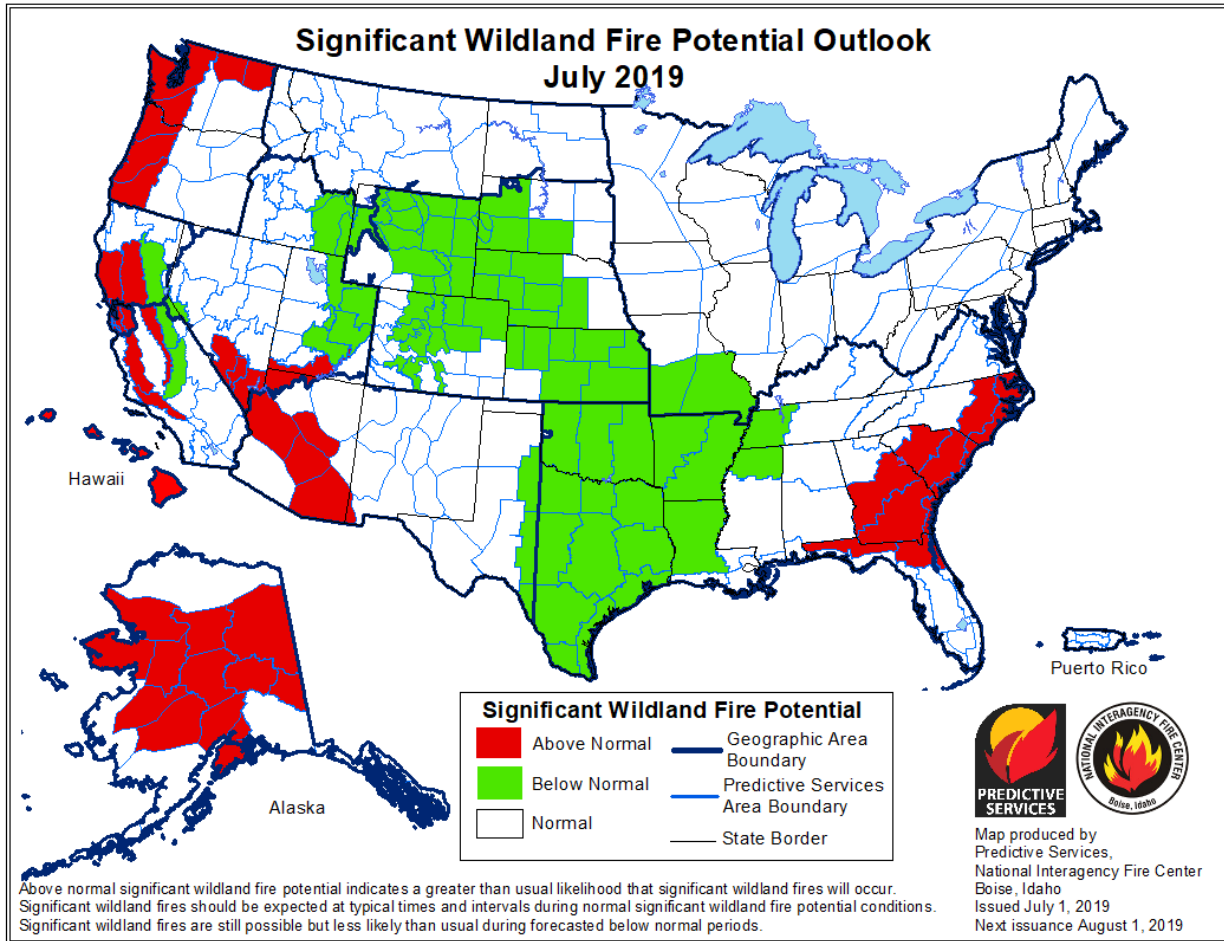
USGS Stream Gauge from the Nonconnah Creek at Winchester Rd. in the Memphis area showing record flood height in the early morning hours of June 7th after heavy thunderstorm rains overnight on the 6th.

Miscellaneous:

Crop Conditions from USDA: Rainfall in the middle of the month delayed harvests for winter wheat, and second plantings for soybeans; however the rainfall was beneficial to most crops and pastures which were suffering from some heat stress and soil moisture depletion from the dry conditions which occurred in May and the first week of June. By the end of the month corn, soybean, tobacco, and winter wheat crops had caught up to or surpassed 5-year average progress; cotton still remained slightly behind average progress. Topsoil moisture was rated 8% short, 73% adequate, and 19% surplus. Subsoil moisture was rated 11% short, 75% adequate, and 14% surplus. Hay and roughage supplies were rated 4% very short, 15% short, 69% adequate, and 12% surplus.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2018	5 Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Silking	52	29	56	43	Corn	1	4	20	52	23
Corn - Dough	5	N/A	3	1	Cotton	5	9	26	45	15
Cotton – Squaring	45	36	69	51	Soybeans	2	4	22	55	17
Cotton – Setting Bolls	1	0	7	5	Tobacco	1	9	45	34	11
Soybeans – Planted	94	90	96	92	Pasture	1	6	26	57	10
Soybeans – Emerged	85	79	88	82	Cattle	1	4	22	61	12
Soybeans - Blooming	17	5	22	13						
Tobacco – Set	92	85	97	90						
Tobacco - Topped	4	N/A	N/A	N/A						
Winter Wheat – Mature	99	97	99	N/A						
Winter Wheat – Harvested	91	80	93	85						

Fire Danger: The interagency fire center outlook for July indicates a lower than normal risk for wildland fires in West Tennessee, and normal risk for the rest of the state.



Story of the Month:

Several rounds of severe weather that swept the state from the 19th to the 22nd represented the major weather and climate story of the month for Tennessee. June 21st had the most reports of severe weather, and the line of storms that moved from the Ohio River in Illinois southeast all the way through South Carolina produced 4 tornadoes, 90 reports of severe wind, and 1 report of hail over 1" in Tennessee. The subsequent images and posts from the National Weather Service Nashville Forecast Office show some of the damage done by tornadoes and severe winds on the 21st.

June 2019 Tennessee State Climate Summary



If you live in or east of this line of storms you can expect winds up to 60-70 mph within the next 1-2 hours. This is ALL of Middle Tennessee that has not yet experienced the storms, from Jamestown to Crossville to Chattanooga and everywhere west of there. Tree damage has been extensive. Power outages are in the tens of thousands. Wait the storms out in a safe location and be prepared to lose power.

The tornado warnings have all been allowed to expire.



Our damage survey today determined an EF-1 tornado struck eastern Fentress County in the Stockton area this past Friday, June 21, 2019. Hundreds of trees were snapped and uprooted along the 3 mile long by 150 yards wide path across Stockton Road, Mt Helen Road, Chestnut Ridge Road, and Sam Smith Road, with maximum winds estimated at 90 mph. Further to the south, damage in the Clarkrange area was determined to be straight-line winds estimated up to 70 mph. Special thanks to Fentress County Emergency Management Agency for their help with the damage survey!



A damage survey we conducted with Nashville Office of Emergency Management has determined a brief EF0 tornado struck the Stanford Estates area and Stones River Greenway in Donelson (Davidson County) this past Friday, June 21st. Read more details at: bit.ly/2XaJZOa. This makes for a total of 4 tornadoes from the Friday, June 21st storms across Middle Tennessee, along with widespread, damaging straight-line winds.



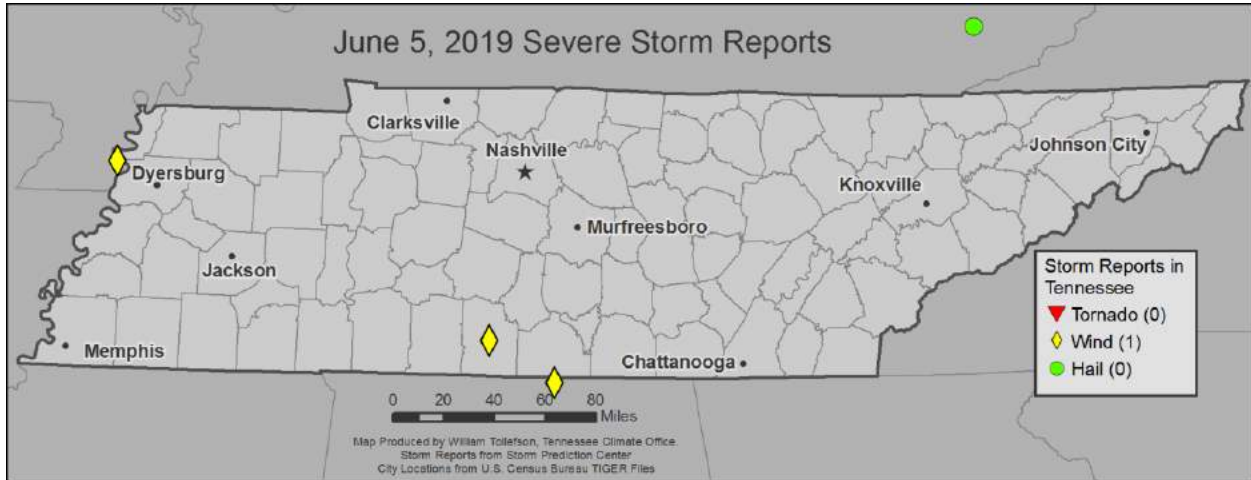
Our damage survey today also found a brief EF-1 tornado and a massive area of straight-line winds up to 85 mph struck northern Macon County this past Friday, June 21, 2019. The tornado touched down near Green Valley Road and moved eastward across Oak Knob Road and Underwood Road before lifting, blowing down hundreds of trees and damaging many barns and homes along its 1.7 mile long by 150 yards wide path. Surrounding the tornado, an unusually large 8 mile long by 1.5 mile wide downburst with winds up to 85 mph hit the area generally from Highway 10 at the Kentucky border southeastward to along Highway 261, including the Green Valley, White Oak, Underwood, and Galen communities. This area of straight-line winds caused similar damage to the tornado, blowing down tons of trees and power lines and damaging or destroying numerous barns.



Storm Reports:

Severe weather occurred on 13 days during the month resulting in a total of 7 reports of tornadoes, 250 reports of severe wind damage, and 8 reports of hail 1" or larger.

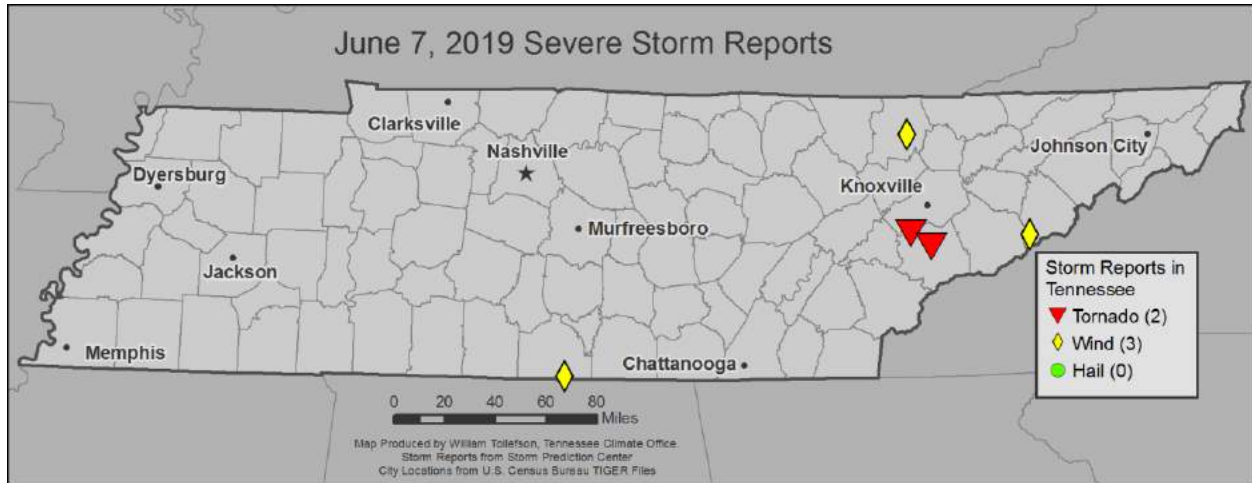
June 5:



Wind

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
21:44	UNK	1 NW PULASKI	GILES	35.2	-87.03	TREE DOWN NEAR INTERSECTION OF WEST MADISON STREET AND N. 8TH STREET. MINOR ROOF DAMAGE FROM TREE. (OHX)

June 7:



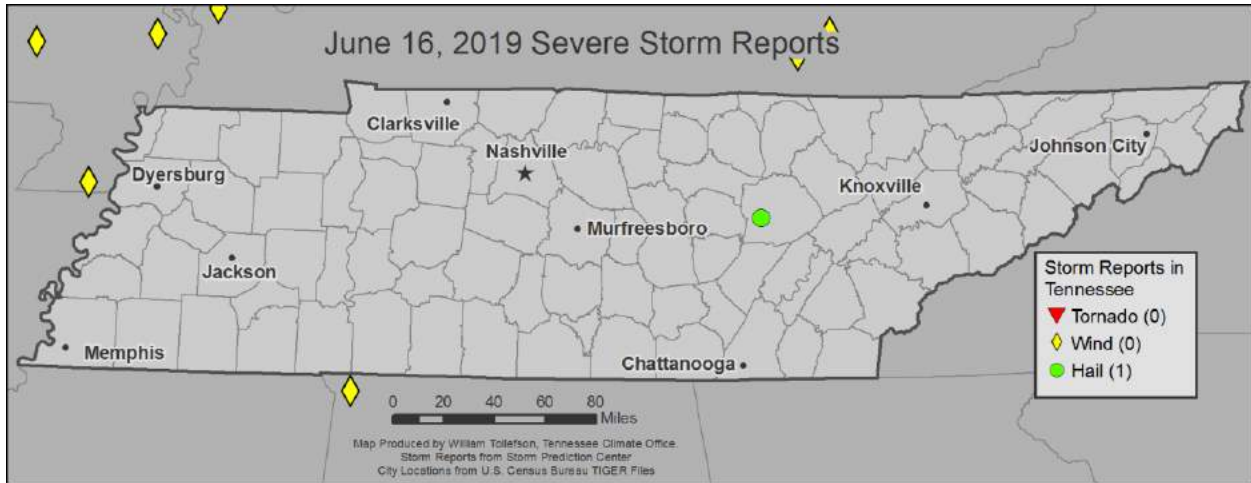
Tornado:

Time (UTC)	Strength	Location	County	Lat	Lon	Comments
19:45	UNK	5 NE FRIENDSVILLE	BLOUNT	35.81	-84.07	WEAK LANDSPOUT TORNADO TOUCHED DOWN BRIEFLY... CAUSING MINOR DAMAGE TO TREES. WINDS ESTIMATED TO BE AROUND 40-60MPH. PATH LENGTH OF AROUND 100 YARDS OR LESS... AND WIDT (MRX)
19:50	UNK	3 ESE MARYVILLE	BLOUNT	35.73	-83.93	BRIEF TOUCHDOWN OF TORNADO THAT CAUSED DAMAGE TO SOME TREES IN THE PATH IN ADDITION TO THROWING AROUND A TRAMPOLINE... AND BLOWING OFF SEVERAL SHINGLES OF A NEARBY HOUS (MRX)

Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
22:45	--	10 SSE FAYETTEVILLE	LINCOLN	35.01	-86.51	HAY BARN BLOWN OVER... AND NEARBY TREE LIMBS SNAPPED... REPORTED AT SOUTH LINCOLN RD... FAYETTEVILLE... TN... TIME ESTIMATED. (HUN)
22:45	--	2 S COSBY	COCKE	35.79	-83.24	FEW TREE LIMBS... TREES... AND POWER LINES DOWN NEAR COSBY... TENNESSEE. (MRX)
0:44	--	2 ENE LA FOLLETTE	CAMPBELL	36.38	-84.09	SEVERAL TREES DOWN. (MRX)

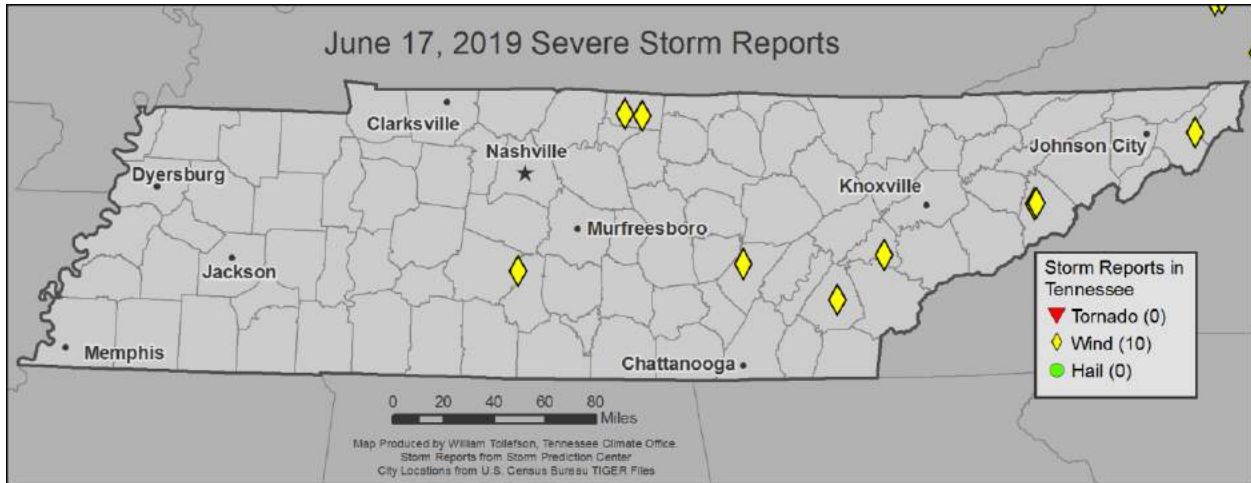
June 16:



Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
22:18	1"	4 NW LAKE TANSI	CUMBERLAND	35.91	-85.12	RECEIVED A REPORT OF QUARTER SIZE HAIL. (OHX)

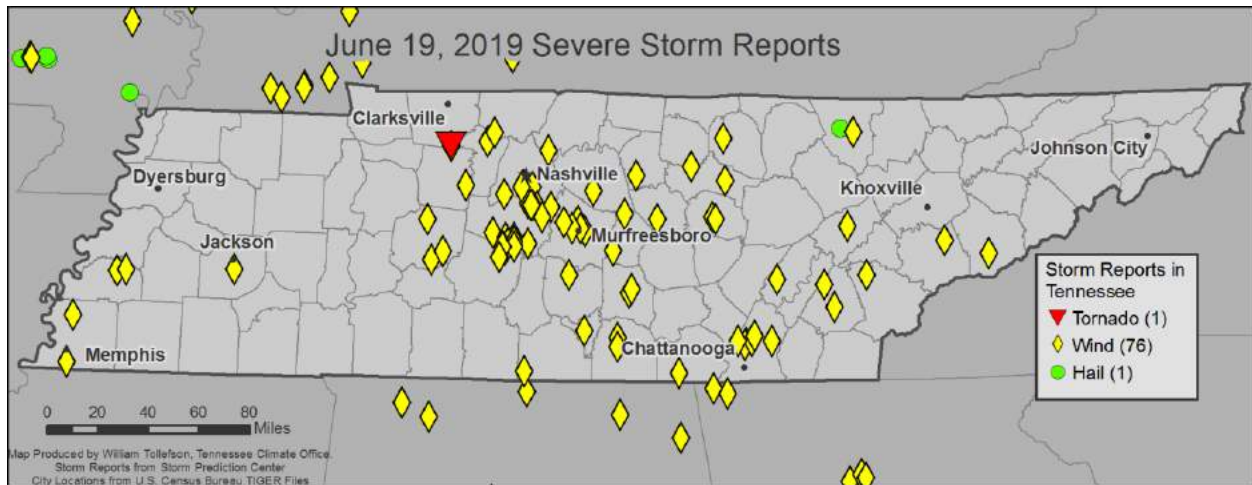
June 17:



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
18:50	--	NEWPORT	COCKE	35.97	-83.19	NUMEROUS TREES AND POWERLINES DOWN THROUGHOUT THE COUNTY. HIGHEST CONCENTRATION OF DAMAGE IS IN AND AROUND NEWPORT. (MRX)
18:55	--	NEWPORT	COCKE	35.96	-83.19	1 TREE DOWN. (MRX)
19:20	--	NEWPORT	COCKE	35.97	-83.18	A FEW TREES AND POWERLINES DOWN IN THE NEWPORT AREA. REPORT WITH PICTURES ON SOCIAL MEDIA. (MRX)
19:30	--	1 S MOUNT CREST	BLEDSON	35.65	-85.25	SEVERAL TREES DOWN... 1/4 INCH HAIL... HEAVY RAINFALL OCCURRED AROUND 2:30 PM CDT. (MRX)
19:45	--	5 WNW GREENBACK	LOUDON	35.69	-84.26	1 TREE DOWN AT THE INTERSECTION OF TOQUA RD AND OOSTANALI WAY. (MRX)
21:34	--	ATHENS	MCMINN	35.44	-84.59	A FEW TREES DOWN IN AND AROUND THE ATHENS AREA. (MRX)
22:30	--	1 SSW BUTLER	CARTER	36.34	-82.04	FEW TREES DOWN. (MRX)
23:15	--	11 NNW LEWISBURG	MAURY	35.61	-86.83	NUMEROUS TREES AND POWERLINES SNAPPED ALONG US 431. LIKELY DOWNBURST. (OHX)
23:26	--	3 WSW LAFAYETTE	MACON	36.51	-86.08	MULTIPLE TREES DOWN ON NEW HARMONY ROAD AND OLD HWY 52 SOUTHWEST OF LAFAYETTE. (OHX)
23:47	--	4 ESE LAFAYETTE	MACON	36.5	-85.96	TREE DOWN ON UNION CAMP ROAD IN LAFAYETTE (OHX)

June 19:



Tornado:

Time (UTC)	Strength	Location	County	Lat	Lon	Comments
23:10	EFO	8 ENE SLAYDEN	MONTGOMERY	36.33	-87.32	NWS STORM SURVEY DETERMINED AN EFO TORNADO TOUCHED DOWN ALONG RYES CHAPEL ROAD AND MOVED NORTHEAST BEFORE LIFTING EAST OF WATKINS FORD ROAD. A FEW TREES AND A CARPORT W (OHX)

Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
23:11	--	9 ENE SLAYDEN	MONTGOMERY	36.33	-87.32	NUMEROUS TREES DOWN AND MINOR ROOF DAMAGE (OHX)
23:28	--	6 N ASHLAND CITY	CHEATHAM	36.36	-87.06	SEVERAL TREES DOWN ON OLD CLARKSVILLE PIKE (OHX)
23:28	--	3 SW COOPERTOWN	ROBERTSON	36.41	-87.01	TREES AND BRANCHES DOWN ALONG THE SIDE OF I-24 IN ROBERTSON COUNTY (OHX)
23:56	--	3 N NUNNELLY	HICKMAN	35.91	-87.48	TREE DOWN ON 48 NORTH (OHX)
0:16	--	WHITE BLUFF	DICKSON	36.11	-87.21	SEVERAL TREES BLOWN DOWN IN WHITE BLUFF (OHX)
0:16	--	2 NW HENDERSONVILLE	SUMNER	36.31	-86.63	TREE DOWN ON POWERLINE. TRANSFORMER FELL AND DAMAGED 2 CARS NORTH OF HENDERSONVILLE. (OHX)
0:20	--	GREEN HILLS	DAVIDSON	36.1	-86.82	FIREWORKS TENT THROWN NEAR HILLSBORO HS (OHX)
0:22	--	1 ENE GREEN HILLS	DAVIDSON	36.11	-86.81	LARGE TREE DOWN (OHX)

June 2019 Tennessee State Climate Summary

0:22	--	1 E GREEN HILLS	DAVIDSON	36.11	-86.8	NUMEROUS TREES DOWN IN THE AREA OF LIPSCOMB UNIVERSITY (OHX)
0:25	--	2 SW BERRY HILL	DAVIDSON	36.1	-86.79	LARGE TREE DOWN (OHX)
0:28	--	1 SSE WOODBINE	DAVIDSON	36.1	-86.74	3 TREES DOWN ON MCCALL ST NEAR NOLENSVILLE PIKE (OHX)
0:34	--	2 E THOMPSON'S STATION	WILLIAMSON	35.81	-86.87	TREE DOWN ON CRITZ LANE BETWEEN HWY 31 AND HWY 431 (OHX)
0:36	--	BELLEVUE	DAVIDSON	36.06	-86.94	SEVEN TREES BLOWN DOWN IN YARD OF HOME IN BELLEVUE (OHX)
0:37	--	1 ENE BRENTWOOD	WILLIAMSON	36.01	-86.77	POWER LINES DOWN AND LARGE TREE ON BRUSHBORO DRIVE (OHX)
0:41	--	4 WSW CANE RIDGE	WILLIAMSON	35.99	-86.71	TREE DOWN ON WILLOMET LANE (OHX)
0:41	--	2 E BRENTWOOD	WILLIAMSON	36	-86.74	TREE DOWN ON EDMONDSON PIKE (OHX)
0:41	--	2 E BRENTWOOD	WILLIAMSON	36	-86.75	POWERLINES DOWN ON COXBORO DRIVE (OHX)
0:45	--	GREEN HILLS	DAVIDSON	36.1	-86.82	LARGE TREE UPROOTED IN DUNCANWOOD SUBDIVISION (OHX)
1:03	--	4 SSW LEIPERS FORK	WILLIAMSON	35.84	-87.02	WILLIAMSON COUNTY PUBLIC SAFETY EMPLOYEE REPORTED 25-30 VERY LARGE TREES UPROOTED ALONG WITH ANOTHER 15 TREES WITH TOPS BROKEN OFF ALONG SYCAMORE ROAD. (OHX)
1:10	--	4 WNW NORENE	WILSON	36.08	-86.31	SEVERAL LARGE TREES BLOWN DOWN IN CEDARS OF LEBANON STATE PARK (OHX)
1:13	--	8 S CENTERVILLE	HICKMAN	35.68	-87.45	TREES DOWN ON SWAN CREEK ROAD (OHX)
1:17	--	6 SE CENTERVILLE	HICKMAN	35.73	-87.37	TREES DOWN ON UGLY CREEK ROAD... AS WELL AS SEVERAL OTHER SPOTS IN HICKMAN COUNTY. THIS WOULD INCLUDE HWY 230 EAST... HWY 100 WEST AND HWY 438. (OHX)
1:17	--	1 WSW THOMPSON'S STATIO	WILLIAMSON	35.81	-86.93	POWERLINES DOWN NEAR INTERSECTION OF SEDBERRY AND EVERGREEN ROADS (OHX)
1:19	--	7 SSW ARRINGTON	WILLIAMSON	35.78	-86.77	LARGE TREE UPROOTED (OHX)
1:19	--	2 S THOMPSON'S STATION	WILLIAMSON	35.78	-86.91	DOWNED TREES AND DEBRIS ON BUCKNER ROAD BETWEEN HWY 431 AND HWY 31 (OHX)

June 2019 Tennessee State Climate Summary

1:21	--	1 NW SPRING HILL	MAURY	35.76	-86.94	TREE DOWN IN FRONT OF HOUSE... BLOCKING ENTRANCE (OHX)
1:21	--	4 NNW MURFREESBORO	RUTHERFORD	35.91	-86.42	TREE DOWN ON SULPHUR SPRINGS ROAD NEAR OAKLEIGH SUBDIVISION (OHX)
1:22	--	SPRING HILL	MAURY	35.74	-86.93	TREE DOWN AT KEDRON ROAD AND JACKSON ST (OHX)
1:22	--	3 SE THOMPSON'S STATION	WILLIAMSON	35.77	-86.87	TREES AND POWERLINES DOWN IN FRONT OF SUMMIT HIGH SCHOOL (OHX)
1:22	--	1 ESE MURFREESBORO	RUTHERFORD	35.85	-86.37	POWERLINES DOWN ON BELL ST NEAR MTSU (OHX)
1:22	--	1 NNW MURFREESBORO	RUTHERFORD	35.87	-86.4	TREE ON POWERLINES CAUSING FIRE ON JONES BLVD NEAR NORTHFIELD BLVD (OHX)
1:23	--	3 ESE THOMPSON'S STATIO	WILLIAMSON	35.79	-86.87	NWS STORM SURVEY DETERMINED THAT SEVERE STRAIGHT-LINE WINDS OF 60 TO 70 MPH WITH POCKETS OF HIGHER WINDS REACHING 80 TO 85 MPH AFFECTED THE THOMPSON'S STATION AND NORTH (OHX)
1:23	--	4 WNW MURFREESBORO	RUTHERFORD	35.87	-86.46	TREE DOWN ON BROOKRUN AND GRANGE ROAD (OHX)
1:24	--	3 ENE SPRING HILL	WILLIAMSON	35.76	-86.87	TREE DOWN IN THE SANMAR DRIVE AREA (OHX)
1:24	--	6 S SMYRNA	RUTHERFORD	35.9	-86.52	TREE DOWN ON BAKER ROAD NEAR BROWNS CHAPEL ROAD (OHX)
1:40	--	AUBURNTOWN	CANNON	35.95	-86.09	TREE DOWN ON COOPER HOLLOW ROAD (OHX)
1:50	--	4 W GORDONSVILLE	SMITH	36.17	-86.01	TREES DOWN IN NEW MIDDLETON (OHX)
1:51	--	BRADYVILLE	CANNON	35.74	-86.17	TREE DOWN ON BURT BURGEN ROAD (OHX)
2:10	--	7 W BELL BUCKLE	BEDFORD	35.6	-86.48	TREES REPORTEDLY DOWN ON UNIONVILLE DEASON ROAD (OHX)
2:10	--	3 SW SMITHVILLE	DE KALB	35.92	-85.86	TREE ON A POWER LINE ON PINE CREEK DRIVE (OHX)
2:20	--	2 WSW LA VERGNE	RUTHERFORD	35.99	-86.61	LARGE TREE DOWN IN FARMINGDALE SUBDIVISION (OHX)
2:21	--	4 WSW CUMMINS FALLS STA	JACKSON	36.22	-85.62	TREE ON A POWER LINE ON ELLISON GOOLSBY LN (OHX)
2:33	--	3 WSW LIVINGSTON	OVERTON	36.38	-85.39	TREE DOWN ON CAMPGROUND ROAD AT LECK GORE ROAD (OHX)

June 2019 Tennessee State Climate Summary

2:35	--	SPARTA	WHITE	35.93	-85.47	TREES DOWN ON WEST BRONSON ST AND COUNTRY CLUB ROAD IN SPARTA (OHX)
2:36	--	1 SE SPARTA	WHITE	35.92	-85.45	TREES DOWN ON GAINES ST (OHX)
2:50	--	5 SE ALGOOD	PUTNAM	36.14	-85.38	TREES DOWN... POWER OUTAGE ON ROCKY POINT ROAD AND SHADY LANE ROAD (OHX)
3:10	--	2 NNE MANCHESTER	COFFEE	35.5	-86.06	SEVERAL TREES DOWN AND CARS DAMAGED NEAR BATESVILLE CASKET COMPANY ON HIGHWAY 55 ALONG WITH NICKEL SIZE HAIL (OHX)
3:10	--	4 NE MANCHESTER	COFFEE	35.52	-86.04	NUMEROUS TREES WERE BLOWN DOWN IN THE NEW UNION AND FOREST MILL AREAS WITH MANY ROADWAYS BLOCKED (OHX)
4:00	--	KINGSTON	ROANE	35.87	-84.52	COUPLE TREES DOWN. (MRX)
4:13	--	1 E HUNTSVILLE	SCOTT	36.41	-84.47	SEVERAL TREES DOWN. (MRX)
4:54	67	3 ENE WHITEHAVEN	SHELBY	35.04	-89.98	MEMPHIS AIRPORT 58 KT GUST (MEG)
4:59	--	4 WSW MILLINGTON	SHELBY	35.31	-89.95	LARGE TREE DOWN IN NEAR MILLINGTON. (MEG)
5:13	--	COVINGTON	TIPTON	35.57	-89.65	SEVERAL TREES DOWN ACROSS TIPTON COUNTY... SPECIFICALLY IN THE DRUMMOND... QUITO... AND COVINGTON AREAS. ALSO WIDESPREAD POWER OUTAGES. (MEG)
5:20	61	3 ENE COVINGTON	TIPTON	35.58	-89.59	COVINGTON RAW'S STATION (MEG)
6:10	--	2 S JACKSON	MADISON	35.6	-88.83	MULTIPLE TREES SNAPPED IN JACKSON AREA. SOME MINOR DAMAGE TO HOME IN SOUTH JACKSON. (MEG)
8:20	--	4 SW SPRING HILL	MAURY	35.7	-86.97	TREE FELL ON MOBILE HOME ON GREENS MILL RD. OCCUPANT IS OK. DAMAGE REPORTED TO VEHICLES. TREE IS ALSO BLOCKING GRAVEL HILL RD. DELAYED REPORT. (OHX)
8:24	--	15 WSW FAYETTEVILLE	LINCOLN	35.05	-86.79	TREE DOWN. (HUN)
8:25	--	2 NW SPRING HILL	MAURY	35.76	-86.95	NUMEROUS TREES DOWN ACROSS MAURY COUNTY WITH MANY ROADWAYS BLOCKED INCLUDING SUGAR RIDGE ROAD AND SOUTH CROSS BRIDGES ROAD (OHX)

June 2019 Tennessee State Climate Summary

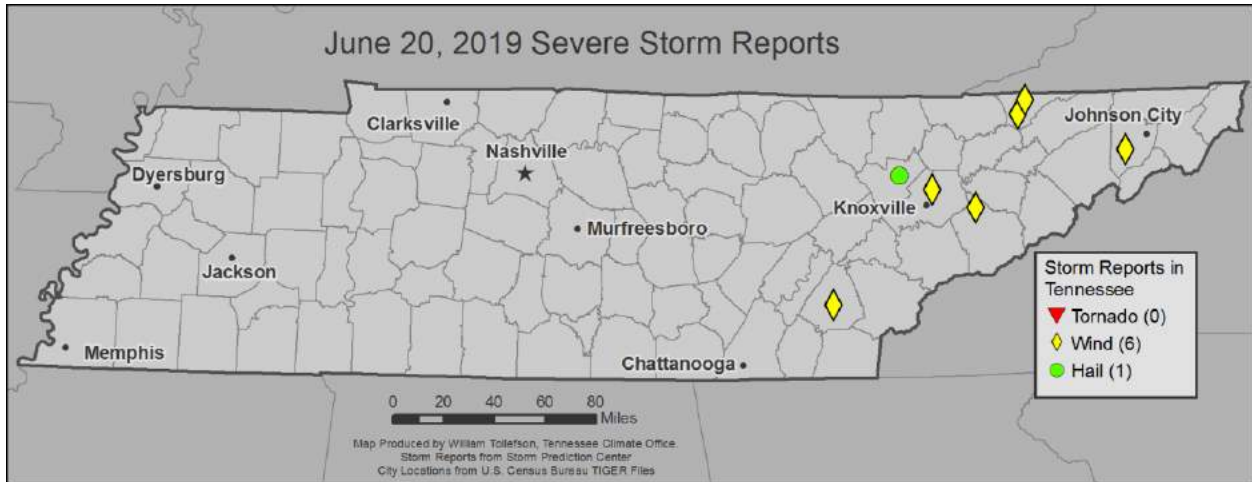
8:45	--	2 SW NOLENSVILLE	WILLIAMSON	35.93	-86.67	A FEW TREES WERE BLOWN DOWN (OHX)
9:00	--	1 W LYNCHBURG	MOORE	35.28	-86.37	MULTIPLE TREES DOWN ACROSS THE COUNTY AND POWER OUTAGES REPORTED. (HUN)
9:07	--	2 S ESTILL SPRINGS	FRANKLIN	35.24	-86.14	TREE DOWN. (HUN)
9:15	--	2 W WINCHESTER	FRANKLIN	35.19	-86.14	TREE DOWN. (HUN)
9:20	--	4 SW SPRING HILL	MAURY	35.7	-86.97	TREE FELL ON MOBILE HOME ON GREENS MILL RD. OCCUPANT IS OK. DAMAGE REPORTED TO VEHICLES. TREE IS ALSO BLOCKING GRAVEL HILL RD. DELAYED REPORT. (OHX)
9:41	--	2 N SOUTH PITTSBURG	MARION	35.04	-85.71	TREES AND POWER LINES DOWN ACROSS SOUTH PITTSBURG. (MRX)
9:59	--	3 WNW MIDDLE VALLEY	HAMILTON	35.21	-85.24	LARGE TREE DOWN ON FRONT PORCH OF HOME AT 7900 BLOCK SELCER RD HIXON. (MRX)
10:00	--	4 WNW MIDDLE VALLEY	HAMILTON	35.2	-85.25	CORRECTS REPORT SOURCE FROM PREVIOUS TSTM WND DMG REPORT FROM 4 WNW MIDDLE VALLEY. MOBILE HOME HEAVILY DAMAGED BY DOWNED TREE IN THE FALLING WATERS AREA. (MRX)
10:05	--	SODDY DAISY	HAMILTON	35.22	-85.2	SEVERAL TREES DOWN ALONG GANN RD. (MRX)
10:05	--	SODDY-DAISY	HAMILTON	35.25	-85.18	LARGE TREE DOWN ON 2 VEHICLES. (MRX)
10:15	--	4 ENE LONE OAK	HAMILTON	35.22	-85.3	TREES AND POWER LINES DOWN. (MRX)
10:30	--	4 ESE SHADY GROVE	HAMILTON	35.22	-85.06	SEVERAL TREES DOWN ACROSS THE COUNTY. (MRX)
10:51	--	4 W EVENSVILLE	RHEA	35.57	-85.02	SEVERE TREES DOWN ACROSS THE PLATEAU AREAS. (MRX)
11:01	--	3 NW CLEAR WATER	MCMINN	35.54	-84.69	SEVERAL TREES DOWN. (MRX)
11:22	--	4 E SWEETWATER	MONROE	35.59	-84.39	SEVERAL TREES DOWN ACROSS MADISONVILLE AND SWEETWATER. (MRX)
11:47	--	3 SE WILDWOOD	BLOUNT	35.78	-83.84	10 INCH DIAMETER TREE SNAPPED. (MRX)
11:50	--	3 SSW ATHENS	MCMINN	35.41	-84.62	SEVERAL TREES DOWN. (MRX)
11:50	--	3 SW GATLINBURG	SEVIER	35.7	-83.53	SEVERAL TREES DOWN IN THE GREAT SMOKY MOUNTAINS NATIONAL PARK. (MRX)

June 2019 Tennessee State Climate Summary

Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
3:50	1"	4 WNW HUNTSVILLE	SCOTT	36.43	-84.56	(MRX)

June 20:



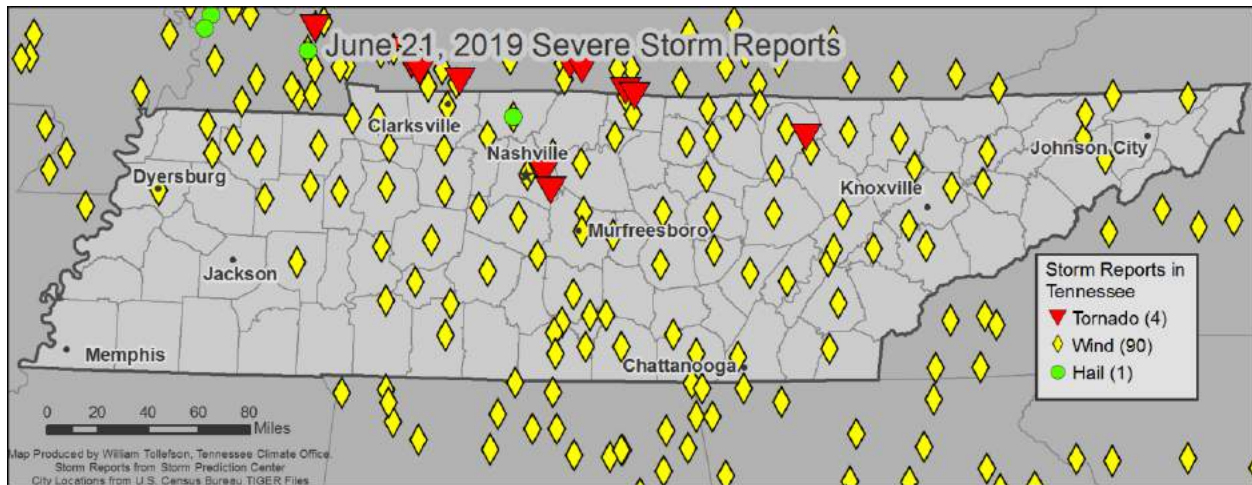
Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
21:20	--	2 S EVANSTON	HANCOCK	36.48	-83.29	ONE TREE DOWN ON YELLOWBRANCH ROAD. (MRX)
21:20	--	2 NW SNEEDVILLE	HANCOCK	36.56	-83.24	ONE TREE DOWN ON NEWMANS RIDGE ROAD NEAR MULBERRY GAP. (MRX)
21:32	--	2 SE HALLS	KNOX	36.06	-83.91	TREE BLOCKING SHANNONDALE ROAD. (MRX)
22:00	--	2 SSE KODAK	SEVIER	35.95	-83.61	ONE TREE DOWN OFF OF DOUGLAS DAM ROAD IN KODAK. (MRX)
22:04	--	5 S JONESBOROUGH	WASHINGTON	36.26	-82.54	MULTIPLE TREES DOWN ACROSS THE COUNTY. (MRX)
23:50	--	3 SSW ATHENS	MCMINN	35.41	-84.62	SEVERAL TREES DOWN. (MRX)

Hail:

Time (UTC)	Size	Location	County	Lat	Lon	Comments
20:50	1"	3 N CLINTON	ANDERSON	36.14	-84.14	NEAR CLINTON... TN. (MRX)

June 21:



Tornado:

Time (UTC)	Strength	Location	County	Lat	Lon	Comments
1:00	EF0	2 NNE DONELSON	DAVIDSON	36.18	-86.66	A BRIEF EF0 TORNADO TOUCHED DOWN IN STONES RIVER BEND PARK AND MOVED SOUTHEAST ACROSS THE STANDFORD ESTATES SUBDIVISION AND STONES RIVER GREENWAY BEFORE LIFTING. NUMERO (OHX)
1:04	EF0	6 NNW LA VERGNE	DAVIDSON	36.08	-86.61	A SMALL... BRIEF EF0 TORNADO TOUCHED DOWN IN ANTIOCH NEAR THE INTERSECTION OF ANDERSON ROAD AND COUNTRY WAY ROAD AND MOVED SOUTHEAST BEFORE LIFTING NEAR SMITH SPRINGS P (OHX)
1:07	EF1	6 N LAFAYETTE	MACON	36.62	-86.02	A BRIEF EF1 TORNADO TOUCHED DOWN IN FAR NORTHERN MACON COUNTY NEAR GREEN VALLEY ROAD AND MOVED EASTWARD ACROSS OAK KNOB ROAD AND UNDERWOOD ROAD BEFORE LIFTING. HUNDREDS (OHX)
2:24	EF1	8 ESE JAMESTOWN	FENTRESS	36.38	-84.8	AN EF1 TORNADO TOUCHED DOWN IN THE ARMATHWAITE COMMUNITY WEST OF BRANNON LANE AND MOVED EAST ACROSS STOCKTON ROAD...MT HELEN ROAD...HM BROOKS ROAD...CHESTNUT RIDGE ROAD (OHX)

Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
22:40	--	UNION CITY	OBION	36.42	-89.05	TREES... POWER LINES... AND UTILITY POLES DOWN. (MEG)

June 2019 Tennessee State Climate Summary

22:50	--	MARTIN	WEAKLEY	36.34	-88.86	SPOTTER REPORTED MULTIPLE TREES FALLEN IN MARTIN TN. (MEG)
23:00	--	4 N KENTON	OBION	36.26	-89.01	TWO LARGE OAK TREES AND SEVERAL APPLE TREES WERE DOWN OFF OF EAST UNION GROVE ROAD NORTH OF KENTON. TIME ESTIMATED OFF RADAR. (MEG)
23:15	--	DRESDEN	WEAKLEY	36.28	-88.69	LARGE TREE DOWN ACROSS STATE HIGHWAY 54 SOUTH OF DRESDEN AT LIBERTY RD. (MEG)
23:23	--	DYERSBURG	DYER	36.04	-89.38	TRACTOR TRAILOR BLOWN OVER ON HIGHWAY 412. (MEG)
23:30	--	10 W DOVER	STEWART	36.48	-88.02	TREES AND POWERLINES DOWN ON OLD PARIS LANDING ROAD AND TOBACCO PORT ROAD. (OHX)
23:31	--	3 ENE PARIS	HENRY	36.32	-88.26	SPOTTER REPORT OF MULTIPLE TREES DOWN ON KYLE LN. (MEG)
23:41	--	1 WSW TREZEVANT	CARROLL	36.01	-88.63	REPORT OF TREES DOWN ON ATWOOD ST. TREZEVANT... TN 38258 (MEG)
23:49	--	3 WSW VALE	CARROLL	36.09	-88.31	TREES AND POWER LINES DOWN ON BARREN SPRINGS RD. (MEG)
23:50	--	DOVER	STEWART	36.48	-87.84	TREES AND POWERLINES DOWN COUNTY WIDE. (OHX)
23:53	--	TENNESSEE RIDGE	HOUSTON	36.32	-87.76	NUMEROUS TREES DOWN IN TENNESSEE RIDGE AND A FEW DOWN IN ERIN. (OHX)
23:55	--	CAMDEN	BENTON	36.06	-88.1	MULTIPLE TREES DOWN AND POWER OUTAGES THROUGHOUT THE CITY OF CAMDEN AND SEVERAL SCATTERED THROUGH OUT BENTON COUNTY. PSAP IS DOWN AND ALL 911 CALLS ARE BEING ROUTED TO (MEG)
0:04	--	CLARKSVILLE	MONTGOMERY	36.56	-87.35	TREES DOWN ALONG WILMA-RUDOLPH BLVD. (OHX)
0:08	--	LAWRENCEBURG	LAWRENCE	35.25	-87.34	TREES DOWN ACROSS LAWRENCEBURG (OHX)
0:08	--	FRANKLIN	WILLIAMSON	35.93	-86.84	TREES DOWN ACROSS THE COUNTY. CITIES OF FRANKLIN AND FAIRVIEW WERE THE HARDEST HIT AREAS. (OHX)
0:09	--	1 E WAVERLY	HUMPHREYS	36.09	-87.77	PHOTO OF TREE OVER ROAD IN WAVERLY. (OHX)
0:09	--	16 N DICKSON	DICKSON	36.31	-87.37	NUMEROUS TREES DOWN AROUND 6388 HIGHWAY 48 NORTH (OHX)

June 2019 Tennessee State Climate Summary

0:27	--	8 N ASHLAND CITY	CHEATHAM	36.39	-87.06	PHOTO OF POWER POLE LEANING OVER HWY 49 NEAR SWEETHOME RD. (OHX)
0:29	--	1 SE DICKSON	DICKSON	36.07	-87.36	POWER LINE SNAPPED ON OLD COLUMBIA RD. NEAR HWY 70 (OHX)
0:35	--	LEXINGTON	HENDERSON	35.65	-88.39	SEVERAL TREES DOWN ACROSS HENDERSON COUNTY. (MEG)
0:36	--	LOBELVILLE	PERRY	35.75	-87.8	WIDESPREAD TREE DAMAGE AND POWER OUTAGES. TREE FELL ON A HOUSE IN LOBELVILLE. (OHX)
0:42	80	SPRINGFIELD	ROBERTSON	36.5	-86.88	ESTIMATED 80 MPH WIND GUST IN SPRINGFIELD (OHX)
0:43	--	FAIRVIEW	WILLIAMSON	35.98	-87.12	TREE DOWN ON HOUSE AT INTERSECTION OF FAIRLAWN RD AND BRUSH CREEK RD. (OHX)
0:44	--	CENTERVILLE	HICKMAN	35.79	-87.45	TREES DOWN COUNTY WIDE. (OHX)
0:50	--	NASHVILLE	DAVIDSON	36.17	-86.78	TREES AND POWER LINES DOWN THROUGHOUT THE COUNTY WITH SEVERAL FALLING ON HOMES. 77 POWER POLES WERE SNAPPED. OVER 48000 PEOPLE WITHOUT POWER. (OHX)
0:56	--	HENDERSONVILLE	SUMNER	36.29	-86.6	TREES DOWN IN HENDERSONVILLE. (OHX)
1:00	--	7 NNW LAFAYETTE	MACON	36.62	-86.08	AN UNUSUALLY LARGE AND INTENSE DOWNBURST MOVED SOUTHEAST ACROSS NORTHERN MACON COUNTY FROM THE KENTUCKY BORDER TO AROUND HIGHWAY 261. SCATTERED TREES WERE SNAPPED AND U (OHX)
1:08	--	FRANKLIN	WILLIAMSON	35.93	-86.84	TREES DOWN ACROSS THE COUNTY. CITIES OF FRANKLIN AND FAIRVIEW WERE THE HARDEST HIT AREAS. (OHX)
1:14	--	NASHVILLE	DAVIDSON	36.17	-86.78	TREES DOWN ACROSS EASTERN PORTIONS OF THE COUNTY (OHX)
1:15	--	HOHENWALD	LEWIS	35.55	-87.56	TREES DOWN AND POWER OUT... ESPECIALLY ON HWY 20. (OHX)
1:17	--	LAFAYETTE	MACON	36.52	-86.03	TREES DOWN COUNTY WIDE. DAMAGE TO BARNs AND HOUSES ACROSS THE COUNTY. *POSSIBLE* TORNADO ACROSS NORTHERN PORTION OF COUNTY. (OHX)
1:20	--	8 N WAYNESBORO	WAYNE	35.44	-87.76	TREES AND POWER LINES DOWN ACROSS THE NORTH-CENTRAL

June 2019 Tennessee State Climate Summary

						PORTION OF WAYNE COUNTY. (OHX)
1:20	--	COLUMBIA	MAURY	35.62	-87.05	TREES DOWN AND POWER OUTAGES COUNTY WIDE. FIRE AND SHERIFF DEPT. ASSISTING IN REMOVING TREES FROM MAIN ROADWAYS. (OHX)
1:22	--	WALTERHILL	RUTHERFORD	35.96	-86.38	WIDESPREAD TREE DAMAGE IN WALTERHILL. (OHX)
1:22	--	HARTSVILLE	TROUSDALE	36.39	-86.16	TREES AND POWER LINES DOWN COUNTY WIDE...MOST NUMEROUS ACROSS WESTERN HALF OF COUNTY. (OHX)
1:24	--	3 SW EAGLEVILLE	MARSHALL	35.71	-86.7	PHOTO OF TREE OVER FULLER RD IN COLLEGE GROVE. (OHX)
1:29	--	2 E INGLEWOOD	DAVIDSON	36.21	-86.69	TREES DOWN AT OPRY MILLS (OHX)
1:36	--	READYVILLE	CANNON	35.83	-86.17	TREES DOWN ON BRADYVILLE RD AND LOCKE'S CREEK NEAR READYVILLE. (OHX)
1:41	--	LAWRENCEBURG	LAWRENCE	35.25	-87.34	TREES DOWN ACROSS LAWRENCEBURG (OHX)
1:42	--	GAINESBORO	JACKSON	36.36	-85.65	WIDESPREAD TREE DAMAGE AND POWER OUTAGES ACROSS JACKSON COUNTY. (OHX)
1:44	--	SHELBYVILLE	BEDFORD	35.49	-86.45	NUMEROUS TREES DOWN COUNTY WIDE. (OHX)
1:44	--	MURFREESBORO	RUTHERFORD	35.85	-86.39	NUMEROUS TREES DOWN COUNTY WIDE. (OHX)
1:44	--	CELINA	CLAY	36.55	-85.5	TREES AND POWERLINES DOWN COUNTY WIDE. A DOWNED POWERLINE CAUSED A FIRE WHICH BURNED AN OUTDOOR GARAGE DOWN TO THE GROUND AT NEELY CREEK. (OHX)
1:45	--	SUMMERTOWN	LAWRENCE	35.43	-87.31	2 36 INCH TREES BLOWN DOWN ON A HOUSE TRAILER. POWER LINES DOWN THROUGHOUT THE COUNTY. (OHX)
1:45	--	8 W LIVINGSTON	OVERTON	36.39	-85.47	NUMEROUS TREES DOWN IN AN AT LEAST 2 MILE LONG BY 0.75 MILE WIDE PATH FROM OLD UNION ROAD AT BOLES ROAD TO STANDING STONE HIGHWAY AT CAMPGROUND ROAD. (OHX)
1:50	--	8 N LIVINGSTON	OVERTON	36.51	-85.3	TIN PEELED OFF BARN ON OZONE ROAD. A FEW TREES DOWN IN THE AREA. (OHX)

June 2019 Tennessee State Climate Summary

1:52	--	COOKEVILLE	PUTNAM	36.16	-85.51	TREES AND POWERLINES DOWN COUNTY WIDE. (OHX)
1:54	--	SMITHVILLE	DE KALB	35.96	-85.82	TREES AND POWERLINES DOWN COUNTY WIDE. (OHX)
2:02	--	6 E PETERSBURG	MOORE	35.33	-86.53	MULTIPLE TREES DOWN AT US-231 AND 129 AND AT 127 BAGLEY HOLLOW RD. (HUN)
2:04	--	BYRDSTOWN	PICKETT	36.57	-85.13	TREES AND POWER LINES DOWN COUNTY WIDE. (OHX)
2:06	--	CAIRO BEND	WILSON	36.24	-86.4	TREES DOWN (OHX)
2:08	60	5 SE PETERSBURG	LINCOLN	35.27	-86.58	(HUN)
2:08	--	6 NNE LYNCHBURG	MOORE	35.37	-86.33	MULTIPLE TREES DOWN ACROSS DANIEL HOLLOW RD AND FIVE POINTS RD. (HUN)
2:09	--	TULLAHOMA	COFFEE	35.37	-86.22	TREES DOWN IN TULLAHOMA AND ACROSS NORTHERN COFFEE COUNTY. (OHX)
2:10	65	SMITHVILLE	DE KALB	35.96	-85.82	ESTIMATED 60-65 MPH GUST (OHX)
2:11	--	4 WSW MCMINNVILLE	WARREN	35.66	-85.84	PUBLIC REPORTED 18 TREES BLOWN DOWN AROUND THEIR HOME AT 499 PEACH AVE NEAR MCMINNVILLE. (OHX)
2:18	--	FAYETTEVILLE	LINCOLN	35.15	-86.57	TREES WERE KNOCKED DOWN AT MULTIPLE LOCATIONS IN LINCOLN. SPECIFICS NOT AVAILABLE AS OF YET. (HUN)
2:20	--	13 ENE MONTEREY	FENTRESS	36.19	-85.02	A MICROBURST CAUSED SUBSTANTIAL WIND DAMAGE IN AND AROUND CLARKRANGE. THE FRONT PORCH OF A FUNERAL HOME WAS BLOWN DOWN...ANOTHER FUNERAL HOME SUFFERED ROOF DAMAGE...SHE (OHX)
2:20	--	JAMESTOWN	FENTRESS	36.43	-84.94	COUNTY WIDE TREE DAMAGE AND POWER OUTAGES. (OHX)
2:26	--	7 S LYNCHBURG	MOORE	35.19	-86.36	MULTIPLE TREES DOWN ACROSS WET PRONG RD AND OAK GROVE RD. (HUN)
2:28	--	CROSSVILLE	CUMBERLAND	35.95	-85.04	TREE DOWN OVER HWY 70 N AND POWER OUTAGES IN CUMBERLAND COUNTY. (OHX)
2:30	--	SPARTA	WHITE	35.93	-85.47	TREES DOWN COUNTY WIDE. (OHX)
2:37	--	TRACY CITY	GRUNDY	35.26	-85.75	TREES DOWN IN TRACY CITY AND MONTEAGLE. (OHX)

June 2019 Tennessee State Climate Summary

2:41	--	WINCHESTER	FRANKLIN	35.19	-86.11	TREES AND POWER LINES DOWN AT MULTIPLE LOCATIONS THROUGHOUT THE COUNTY. (HUN)
2:43	--	SPENCER	VAN BUREN	35.74	-85.46	TREES DOWN COUNTY WIDE. (OHX)
2:45	--	1 W HUNTSVILLE	SCOTT	36.41	-84.5	REPORTS OF TREES DOWN ACROSS THE COUNTY. (MRX)
2:49	--	3 SW EAGLEVILLE	MARSHALL	35.71	-86.7	PHOTO OF TREE OVER FULLER RD IN COLLEGE GROVE. (OHX)
2:50	--	5 SW RUGBY	MORGAN	36.31	-84.77	COUPLE OF TREES DOWN ON PETERS FORD RD. (MRX)
3:00	--	1 ENE HARRIMAN	ROANE	35.94	-84.55	POWER LOSS IN HIDDEN ACRES AREA. 911 CENTER REPORTS SCATTERED TREES DOWN. (MRX)
3:01	--	1 W PIKEVILLE	BLEDSON	35.61	-85.21	FEW REPORTS OF TREES DOWN ACROSS THE COUNTY. (MRX)
3:12	--	ANDERSONVILLE	ANDERSON	36.2	-84.04	GAZEBO AND OTHER DEBRIS BLOWN INTO BUFFALO ROAD IN ANDERSONVILLE. (MRX)
3:13	--	EVENSVILLE	RHEA	35.56	-84.95	DOWNED POWER LINES AND DOWNED TREES IN THE AREA OF EVENSVILLE TN. (MRX)
3:15	--	3 WSW MARTIN SPRINGS	MARION	35.15	-85.59	EXTENSIVE NUMBERS OF TREES AND POWER LINES DOWN ACROSS THE COUNTY. (MRX)
3:15	--	1 WSW LA FOLLETTE	CAMPBELL	36.37	-84.14	EXTENSIVE DOWNED TREES ACROSS THE COUNTY. (MRX)
3:24	--	TEN MILE	MEIGS	35.67	-84.66	TRAINED OBSERVER REPORTS TREES DOWN AND POWER OUT AT TEN MILE TN. (MRX)
3:25	--	1 N RED BANK	HAMILTON	35.13	-85.3	REPORT OF POWER LINES DOWN NEAR RED BANK. (MRX)
3:30	--	1 ENE LOUDON	LOUDON	35.74	-84.34	WIDESPREAD DOWNED TREES AND POWER OUTAGES ACROSS THE COUNTY. (MRX)
3:38	--	2 SE ATHENS	MCMINN	35.43	-84.59	TREES REPORTED DOWN IN ATHENS. (MRX)
3:38	--	5 E FARRAGUT	KNOX	35.87	-84.09	POWER LINES DOWN. (MRX)
3:39	--	1 NW MASCOT	KNOX	36.08	-83.78	TREES DOWN AND POWER OUTAGES NEAR ROBERTS RD AND MILLERTOWN PIKE. (MRX)
3:45	--	1 NE MARYVILLE	BLOUNT	35.75	-83.97	WIDESPREAD DOWNED TREES COUNTY WIDE. (MRX)
3:48	--	4 SW FAIRVIEW	ROANE	35.74	-84.62	SOUTH ROANE COUNTY VFD REPORTS POWER OUTAGES (VOLUNTEER ELECTRIC) ALONG SR58 ON EITHER SIDE OR ROANE/MEIGS LINE. (MRX)

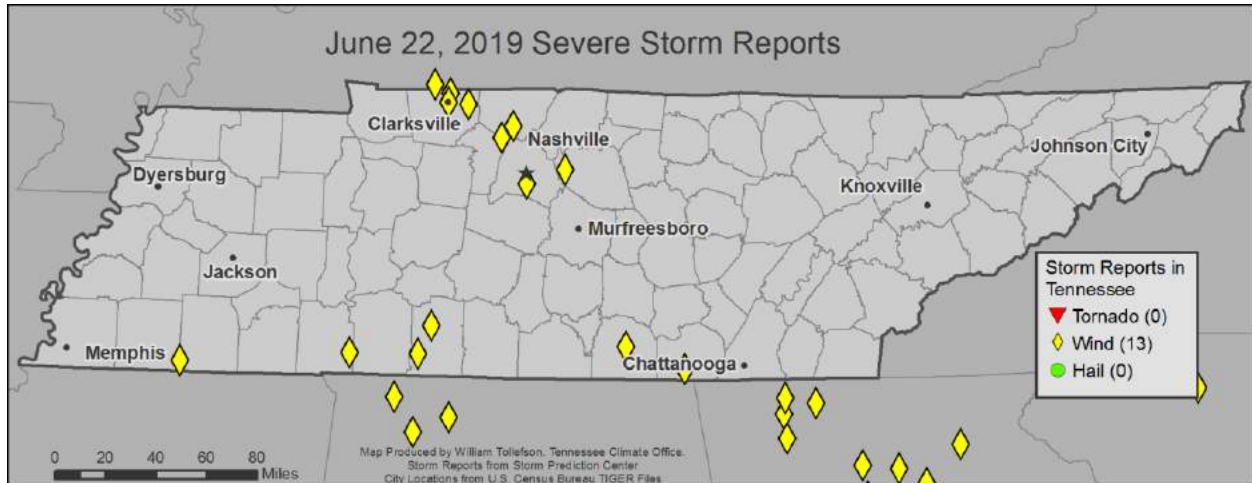
June 2019 Tennessee State Climate Summary

3:52	--	1 NE RUTLEDGE	GRAINGER	36.28	-83.52	CORRECTS TIME PREVIOUS TSTM WND DMG REPORT FROM 1 NE RUTLEDGE. MULTIPLE TREES DOWN ACROSS THE COUNTY. (MRX)
3:58	--	1 WNW NEW MARKET	JEFFERSON	36.1	-83.56	TREE ON A HOUSE NEAR NEW MARKET. WIDESPREAD TREE DAMAGE. (MRX)
4:06	--	1 SW BENTON	POLK	35.17	-84.66	COUPLE OF TREES DOWN NEAR BENTON. (MRX)
4:37	--	1 NNW BAILEYTON	GREENE	36.34	-82.84	MULTIPLE TREES DOWN ACROSS NORTHERN GREENE COUNTY. (MRX)
4:40	--	2 E SURGOINSVILLE	HAWKINS	36.48	-82.82	PHIPPS BEND INDUSTRIAL PARK. A METAL WAREHOUSE HAD A WALL RIPPED OPEN. (MRX)
4:50	--	3 ENE MOUNT CARMEL	HAWKINS	36.58	-82.62	SEVERAL TREES DOWN. (MRX)
5:00	--	CHUCKY	GREENE	36.22	-82.69	SEVERAL TREES DOWN. (MRX)
5:30	--	2 N SOUTH HOLSTON DAM	SULLIVAN	36.55	-82.09	SEVERAL TREES DOWN ACROSS THE COUNTY. (MRX)

Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
0:44	1"	SPRINGFIELD	ROBERTSON	36.5	-86.88	1 INCH HAIL IN SPRINGFIELD (OHX)

June 22:



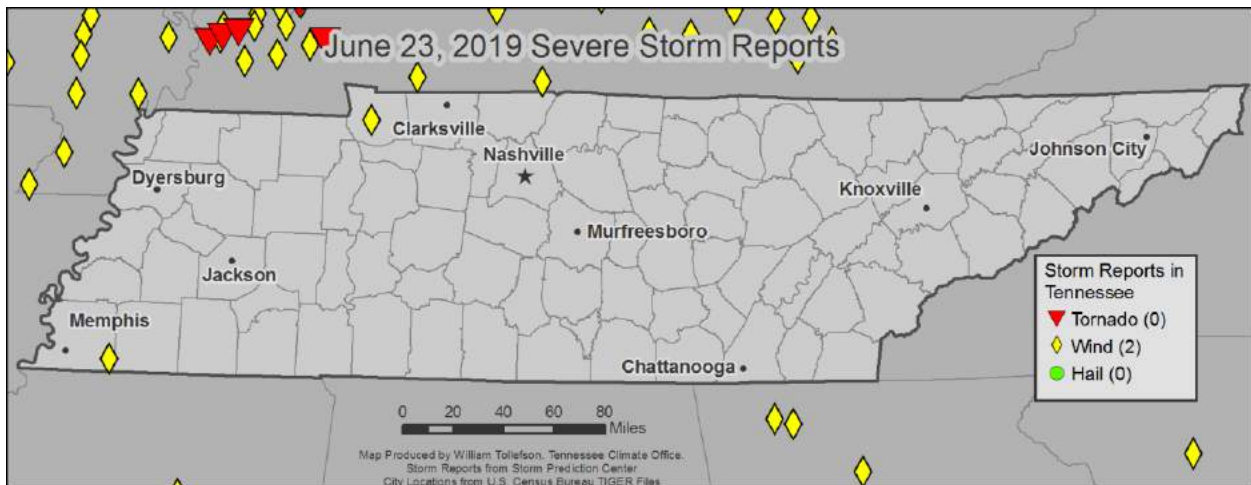
Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
20:28	--	4 NNE CLARKSVILLE	MONTGOMERY	36.62	-87.33	SEVERAL TREES DOWN AND ROOF DAMAGE TO HOMES IN THE HAZELWOOD SUBDIVISION (OHX)
20:45	--	8 E CLARKSVILLE	MONTGOMERY	36.56	-87.2	TREE BLOWN DOWN ON A CAR. (OHX)
21:12	--	5 S COOPERTOWN	CHEATHAM	36.37	-86.96	PHOTO SHOWED TREE DOWN ACROSS ROAD AT 1646 RIDGE CIRCLE IN JOELTON (OHX)
21:12	60	4 S SPRINGFIELD	ROBERTSON	36.44	-86.88	SPOTTER ESTIMATES 60 MPH WIND GUST. (OHX)
21:34	--	1 NE CLARKSVILLE	MONTGOMERY	36.57	-87.34	TREES DOWN BLOCKING WHITFIELD ROAD AND WARFIELD BLVD (OHX)
21:43	--	2 N OAK HILL	DAVIDSON	36.11	-86.78	LARGE TREE LIMBS DOWN IN OAK HILL AREA (OHX)
21:51	--	1 N GRAND JUNCTION	HARDEMAN	35.06	-89.19	3 TREES DOWN ON HIGHWAY 368. TIME IS RADAR ESTIMATED. (MEG)
21:52	--	1 SSE MOUNT JULIET	WILSON	36.19	-86.51	LARGE TREE LIMBS DOWN IN MOUNT JULIET ON OLD LEBANON DIRT ROAD (OHX)
22:00	--	7 WNW LAWRENCEBURG	LAWRENCE	35.29	-87.44	NUMEROUS LARGE TREES DOWN ON GORE ROAD AT HIGHWAY 64 (OHX)
22:25	--	7 WNW LORETTO	LAWRENCE	35.13	-87.53	TREE AND POWER LINE DOWN ACROSS HIGHWAY 242 WITH ROADWAY BLOCKED IN WESTPOINT (OHX)
23:23	--	2 ESE WINCHESTER	FRANKLIN	35.18	-86.08	COUNTY SHERIFF REPORTS TREES DOWN IN THE COUNTY. ALSO...

June 2019 Tennessee State Climate Summary

						MPING REPORT INDICATES TREES DOWN AND UPROOTED AND A ROOF BLOWN OFF OF STRUCTURE. BUT REPORT DID NOT SPECIFY FR (HUN)
23:32	--	3 WSW JASPER	MARION	35.05	-85.67	TREE DOWN ACROSS A ROAD NEAR KIMBALL. (MRX)
23:45	--	6 NNE WALNUT GROVE	HARDIN	35.13	-88.01	TREE DOWN IN GILLIS MILLS CEMETERY. (MEG)

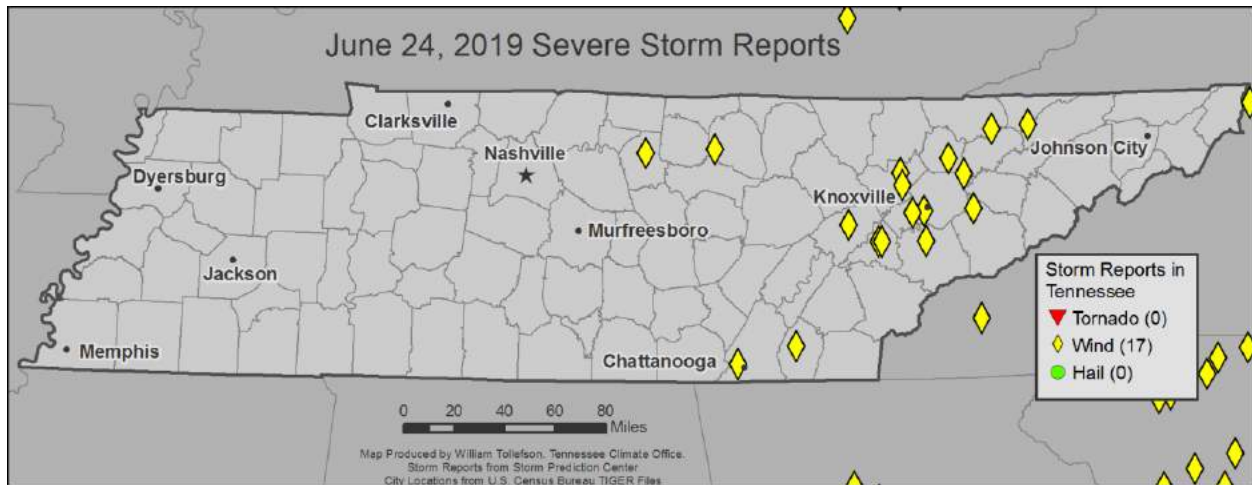
June 23:



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
22:30	--	1 N COLLIERVILLE	SHELBY	35.07	-89.68	LARGE TREE FELL ON HOME IN NORTH COLLIERVILLE. (MEG)
23:45	--	2 W DOVER	STEWART	36.48	-87.88	A TREE DOWN ON THE TRACE AT HICKMAN CREEK RD. (OHX)

June 24:



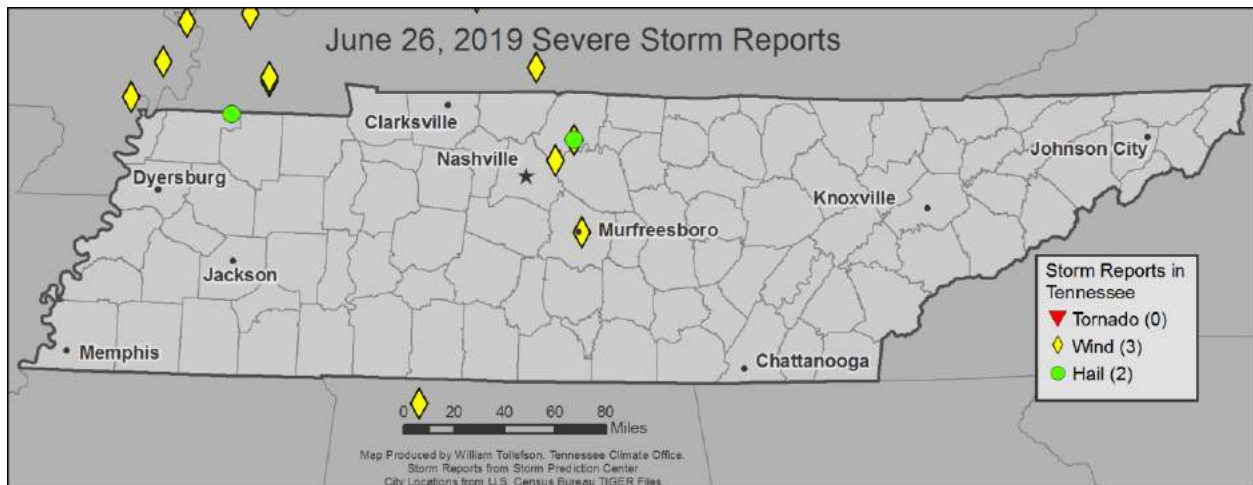
Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
18:07	--	3 N CARTHAGE	SMITH	36.3	-85.94	TREE DOWN ON TURKEY CREEK ROAD (HWY 263) (OHX)
19:00	--	8 NE CUMMINS FALLS STAT	OVERTON	36.32	-85.45	TREE DOWN AT 235 POPLAR SPRINGS ROAD (OHX)
19:57	--	1 SSW RED BANK	HAMILTON	35.09	-85.3	REPORT OF POWER LINE DOWN IN RED BANK. (MRX)
21:00	--	1 NNE KINGSTON	ROANE	35.88	-84.51	TREE DOWN ALONG I-40 FROM SOCIAL MEDIA POST. TIME ESTIMATED. (MRX)
21:00	--	2 ESE BRICEVILLE	ANDERSON	36.17	-84.14	LARGE TREE DOWN ALONG LAKE CITY HIGHWAY BETWEEN ROCKY TOP AND CLINTON. TIME ESTIMATED BY RADAR. (MRX)
21:00	--	MAYNARDVILLE	UNION	36.25	-83.8	FACEBOOK REPORT AND PHOTO OF A TREE ON TOP OF TWO VEHICLES AND A MOBILE HOME. NO INJURIES REPORTED. (MRX)
21:15	--	1 NNE CLINTON	ANDERSON	36.1	-84.13	MULTIPLE TREES DOWN NEAR CLINTON. (MRX)
21:20	--	2 NE BEARDEN	KNOX	35.95	-83.98	TREES DOWN IN KNOXVILLE. ONE FELL ON A VEHICLE. (MRX)
21:27	--	5 ENE LONE MOUNTAIN	CLAIBORNE	36.41	-83.49	FEW TREES DOWN ALONG STATE HIGHWAY 33. TIME ESTIMATED BY RADAR. (MRX)
21:30	--	2 SW LENOIR CITY	LOUDON	35.78	-84.3	TREE DOWN ON A CAR ON WEBB DR. (MRX)
21:40	--	3 WNW BEARDEN	KNOX	35.94	-84.06	TREE DOWN ON POWER LINES NEAR ROBINSON RD AND MIDDLEBROOK PIKE. TIME OF OCCURRENCE BASED ON RADAR. (MRX)

June 2019 Tennessee State Climate Summary

21:42	--	2 NW CLEVELAND	BRADLEY	35.19	-84.89	MULTIPLE TREES DOWN ACROSS MANY ROADS... MAINLY ACROSS THE NORTHERN END OF THE COUNTY. DISPATCH ENCOURAGES MOTORISTS TO NOT TRAVEL UNLESS NECESSARY WHILE DISPATCH CREWS (MRX)
21:45	--	2 SSW LENOIR CITY	LOUDON	35.78	-84.28	TREE DOWN ACROSS RIVERVIEW RD IN LENOIR CITY. (MRX)
21:47	--	1 N TREADWAY	HANCOCK	36.43	-83.23	2 TREES DOWN. 1 ALONG HWY 31 AND 1 IN SNEEDVILLE. TIME ESTIMATED BY RADAR. (MRX)
21:50	--	1 SSE ALCOA	BLOUNT	35.78	-83.97	TREE DOWN ON A HOUSE NEAR ALCOA. TIME ESTIMATED BY RADAR OUTFLOW. (MRX)
21:58	--	1 S KODAK	SEVIER	35.96	-83.63	TIME ESTIMATED BY RADAR. TREES AND POWER LINES DOWN ACROSS THE COUNTY... ESPECIALLY THE NORTHERN END OF THE COUNTY. (MRX)
22:00	--	1 NNE BLAINE	GRAINGER	36.16	-83.69	TIME ESTIMATED BY RADAR. TREE DOWN IN BLAINE. (MRX)

June 26:



Wind:

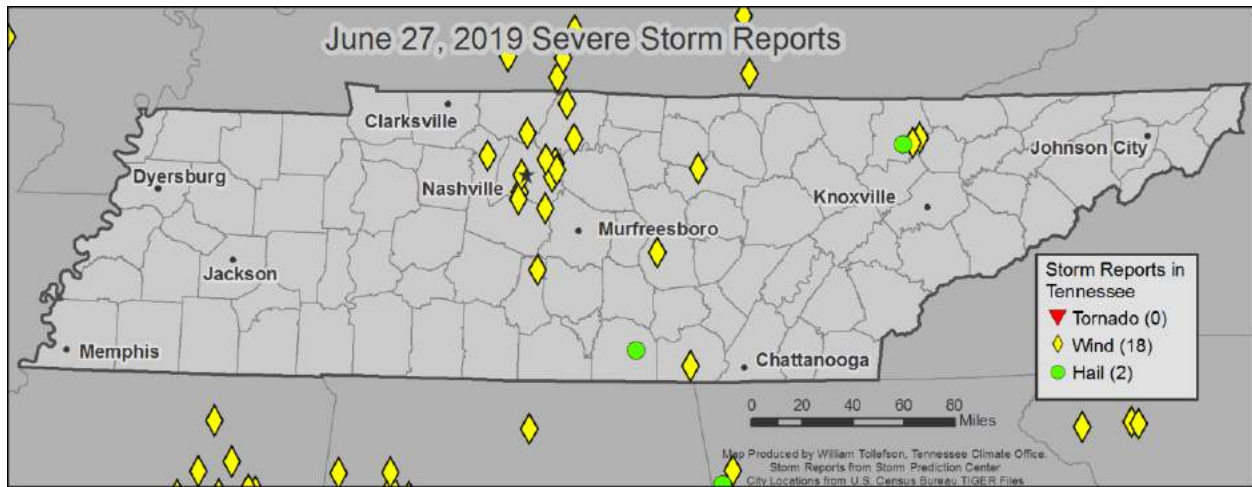
Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
1:50	--	2 N LANGFORD COVE	SUMNER	36.26	-86.58	RECEIVED A PHONE CALL OF NUMEROUS TREES DOWN THROUGHOUT THE AREA NEAR 5542 VANDERBILT ROAD. (OHX)
2:04	--	GALLATIN	SUMNER	36.38	-86.45	TREES DOWN IN GALLATIN. (OHX)
4:34	--	MURFREESBORO	RUTHERFORD	35.85	-86.39	TREES DOWN ON MEDICAL CENTER PARKWAY IN FRONT OF FIREHOUSE SUBS (OHX)

June 2019 Tennessee State Climate Summary

Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
23:40	1"	SOUTH FULTON	OBION	36.49	-88.88	MEDIA REPORT OF QUARTER SIZED HAIL IN SOUTH FULTON. (MEG)
2:04	1"	GALLATIN	SUMNER	36.38	-86.45	1 INCH HAIL IN GALLATIN. (OHX)

June 27:



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
20:14	--	3 E CENTERTOWN	WARREN	35.73	-85.86	ROOF OF SHOP BLOWN OFF TO THE WEST LANDING IN ROAD AT 1712 BETHANY ROAD. SEVERAL TREES ALSO BLOWN DOWN NEARBY AT 1318 BETHANY ROAD. (OHX)
21:40	--	5 NW COOKEVILLE	PUTNAM	36.21	-85.57	TREES DOWN ACROSS NORTHWESTERN PORTION OF COUNTY. (OHX)
22:05	--	CHAPEL HILL	MARSHALL	35.63	-86.7	TREES DOWN...1 OF WHICH FELL ON A VEHICLE. (OHX)
22:34	--	2 N NOLENSVILLE	WILLIAMSON	35.98	-86.65	TREE DOWN... BLOCKING MCFARLIN RD NEAR BATTLE RD. (OHX)
22:34	--	1 NE FOREST HILLS	DAVIDSON	36.07	-86.83	TREE DOWN ON TYNE BLVD NEAR FREDERICKSBURG DR. (OHX)
22:40	--	7 N FRANKLIN	WILLIAMSON	36.03	-86.84	TREE DOWN AT TEMPLE HILLS RD AND SNEED RD. (OHX)
22:52	--	3 SSE HERMITAGE	DAVIDSON	36.16	-86.6	LARGE TREE DOWN NEAR ARBOR LAKE BLVD AND OLD HICKORY BLVD (OHX)
22:55	--	2 N JASPER	MARION	35.08	-85.63	MULTIPLE TREES DOWN NEAR JASPER. (MRX)

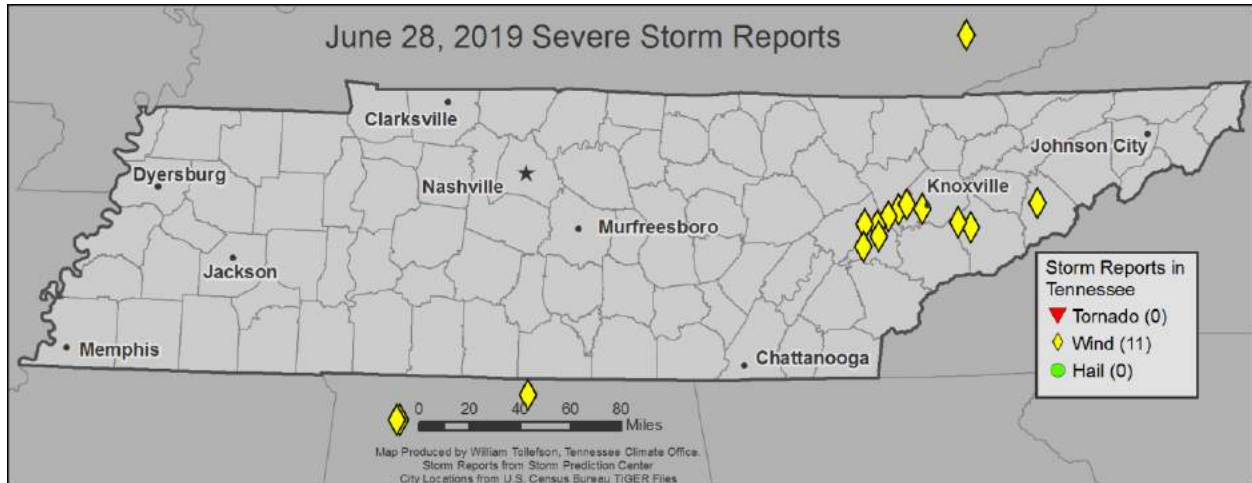
June 2019 Tennessee State Climate Summary

23:02	--	1 WNW LANGFORD COVE	WILSON	36.24	-86.58	POWER LINES DOWN (OHX)
23:03	--	2 W NASHVILLE	DAVIDSON	36.17	-86.82	TREE BLOWN DOWN ACROSS MCCRORY LANE. (OHX)
23:06	--	ASHLAND CITY	CHEATHAM	36.28	-87.06	TREE DOWN ALONG OLD CHARLOTTE PIKE. (OHX)
23:15	65	6 SE OLD HICKORY	WILSON	36.2	-86.57	ESTIMATED 65 MPH WIND GUST. (OHX)
23:15	65	OLD HICKORY	DAVIDSON	36.26	-86.65	ESTIMATED 65 MPH WIND GUST. (OHX)
23:20	--	GALLATIN	SUMNER	36.38	-86.45	TREE DOWN ACROSS DICKERSON BAY DR. (OHX)
23:33	--	1 NNW RIDGETOP	ROBERTSON	36.41	-86.78	TREE FELL ON HOUSE AND PARTIALLY CAME THROUGH LIVING ROOM CEILING. (OHX)
23:36	--	1 SE PORTLAND	SUMNER	36.58	-86.5	TREES DOWN ON POWER LINES ON OLD WESTMORELAND RD (OHX)
3:15	--	4 SE FINCASTLE	CAMPBELL	36.37	-84	A FEW TREES DOWN GENERALLY SOUTHEAST OF FINCASTLE. (MRX)
4:15	--	5 S FINCASTLE	CAMPBELL	36.34	-84.05	A FEW TREES DOWN GENERALLY SOUTH OF FINCASTLE. (MRX)

Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
21:59	1"	1 ENE COWAN	FRANKLIN	35.17	-86.01	A FEW PIECES OF QUARTER SIZE HAIL REPORTED IN COWAN. TIME ESTIMATED BY RADAR. (HUN)
4:20	1"	3 S LA FOLLETTE	CAMPBELL	36.33	-84.12	(MRX)

June 28:



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
18:50	--	5 SSE MCMAHAN	SEVIER	35.84	-83.65	TREES DOWN ALONG SUGAR LOAF RD. (MRX)
18:50	--	2 E SEYMOUR	SEVIER	35.87	-83.74	TREES DOWN ALONG NORTH ROGERS RD. (MRX)
19:30	--	1 NE NEWPORT	COCKE	35.97	-83.18	SEVERAL TREES DOWN ALONG HIGHWAY 35/70 NEAR NEWPORT. (MRX)
19:48	--	3 SW KARNS	KNOX	35.95	-84.16	TREES DOWN IN THE HARDIN VALLEY AREA. (MRX)
20:00	--	2 NNE BEARDEN	KNOX	35.95	-83.99	TREES DOWN ON LONAS DR. (MRX)
20:00	--	1 ENE KARNS	KNOX	35.98	-84.1	TREE AND POWER LINES DOWN IN KARNS ALONG OAK RIDGE HWY. TIME ESTIMATED BY RADAR. (MRX)
20:06	--	4 NW FARRAGUT	KNOX	35.91	-84.23	SEVERAL TREES DOWN ALONG HICKORY CREEK ROAD IN WEST KNOX COUNTY. (MRX)
20:25	--	4 NNW LENOIR CITY	LOUDON	35.86	-84.31	SEVERAL TREES DOWN ON WHITE WING RD. (MRX)
20:47	--	BRADBURY	ROANE	35.87	-84.4	20 REPORTS OF TREES DOWN EAST OF KINGSTON. (MRX)
20:58	--	3 W LOUDON	LOUDON	35.74	-84.41	TREES AND POWER LINES DOWN ACROSS THE COUNTY. (MRX)
21:00	--	1 W LENOIR CITY	LOUDON	35.8	-84.3	TREES DOWN... BENT GARAGE DOORS... AND POWER OUTAGES NEAR LENOIR CITY. (MRX)

CPC Outlooks for the Next Month:

Looking ahead to July, Climate Prediction Center outlooks show that East Tennessee has a slight chance of being warmer than normal, while the rest of the state has equal chances of observing above normal, below normal, or normal temperatures. East Tennessee also has a slight chance for below normal precipitation and extreme northwest Tennessee has a slight chance for above normal precipitation. The rest of the state also has equal chances for above normal, below normal, or normal precipitation for July.

