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8-1-2021

2021 August - Tennessee Monthly Climate Report

Tennessee Climate Office, East Tennessee State University

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August 2021 Tennessee State Climate Summary

Tennessee Climate Office * East Tennessee State University

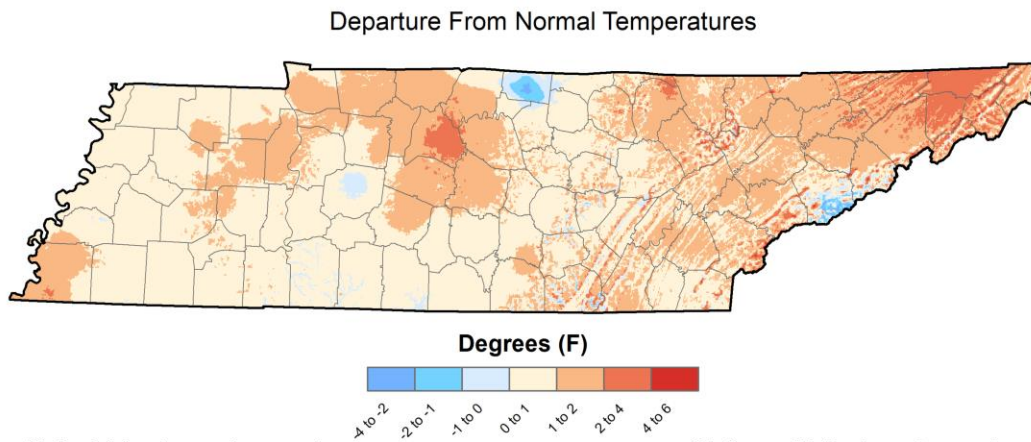
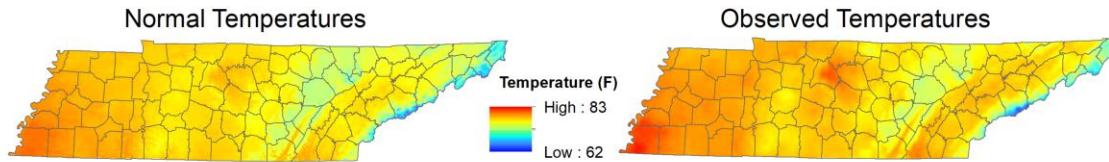
Prepared by William Tollefson and Dr. Andrew Joyner

With contributions by [Climate Data Representatives](#) across the state

Monthly Temperature Summary:



August 2021 Mean Temperature



Stations with the highest mean temperature

Station Name	Station Type	Mean Temperature (F)
MEMPHIS INTERNATIONAL AP	WBAN	83
MEMPHIS WFO	WBAN	81
NASHVILLE BERRY FIELD	COOP	80.6
GERMANTOWN 4SE	COOP	80.6
NASHVILLE INTL AP	WBAN	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

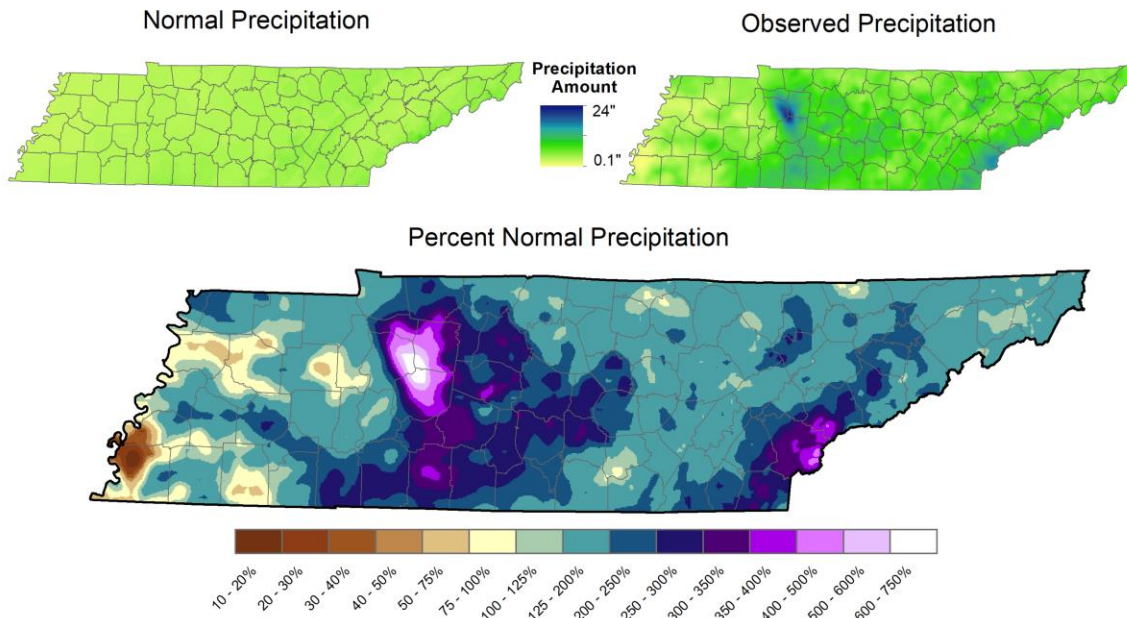
Station Name	Station Type	Mean Temperature (F)
MT LECONTE	COOP	58.1
NEWFOUND GAP	COOP	65.9
ROAN MOUNTAIN 3SW	COOP	68.3
CHEROKEE TENNESSEE	RAWS	70.3
TOWNSEND 5S	COOP	71.8

Temperatures were generally slightly warmer than normal across the state (within 1-2°F of the 1991-2020 climate normals) except in northeast Tennessee where the monthly temperature anomaly was a bit higher. The Bristol/Tri-Cities airport recorded the 8th warmest mean temperature for August in the station’s 72-year weather history, with overnight temperatures largely driving that anomaly, the station recorded its 4th warmest August average minimum temperature. Looking at weather stations with at least a 30-year reporting history, there were two broken and five tied daily record high temperatures and nine broken and 20 tied daily record warm low temperatures across the state this month. Both Knoxville and Bristol/Tri-Cities recorded well above their average number of 90°F days this month, with Knoxville having 17 days with a high temperature ≥90°F compared to the 30-year normal of 11.2 days in August and Bristol/Tri-Cities recording 14 days with a high temperature ≥90°F compared to the 30-year normal of 6.9 days in August. There were a few cool spells to break up the heat, and among stations with 30-year reporting histories there were six broken and one tied daily record low temperatures and 19 broken and six tied record cool high temperatures set across the state this month.

Monthly Precipitation Summary:



August 2021 Precipitation



Stations with the most precipitation

Station Name	Station Type	Total Precipitation (in)
CENTERVILLE 4NE	COOP	15.64
DICKSON 5.8 NW	CoCoRaHS	14.14
MOUNT PLEASANT 1N	COOP	12.71
CLEVELAND FILTER PLANT	COOP	11.72
CHATTANOOGA AP	WBAN	11.48

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)
CELINA 0.3 NNE	CoCoRaHS	1.06
OLD HICKORY DAM	COOP	1.96
DRESDEN	COOP	2.18
MEMPHIS INTERNATIONAL AP	WBAN	2.4
SOMERVILLE 10N	COOP	2.6

A few counties in West Tennessee recorded below normal precipitation for the month, with parts of Shelby and Tipton counties being the driest (recording less than 1” of rain for the month). However, most areas of the state recorded well above normal rainfall for the month, with many areas recording their wettest August in recent history, with monthly totals of over 10” in many counties of East and Middle Tennessee. Deadly and devastating flooding occurred in western portions of Middle Tennessee on August 21, where portions of Humphreys, Dickson, and Hickman County reported over 10” of rainfall in one day, with a TVA operated rain gauge in McEwen reporting 17.02” of rain in less than 24-hours, likely setting a new state record for a 1-day rainfall total. Some areas in these counties recorded over 600% of their normal monthly rainfall for August, and approached 1/3 of their normal annual rainfall! The flooding event is further detailed in the Story of the Month Section.

Looking at some of the long-term climate reporting stations, Chattanooga recorded the 2nd wettest August in the city’s 143-year weather history, Knoxville recorded the 3rd wettest August in the city’s 150-year weather history, Jackson recorded the 4th wettest August in the city’s 72-year weather history, and Nashville recorded the 9th wettest August in the city’s 148-year weather history. Among stations with at least a 30-year reporting history there were 37 broken records for daily rainfall totals, four stations set a monthly rainfall record (most rainfall recorded in any month).

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

Station data for airports across the state using WBAN weather stations, compared to 1991-2020 climate normals:

Station Name	Temperatures (°F)								Precipitation (inches)		
	Averages				Extremes				Totals		
	Max	Min	Mean	Depart	High	Date	Low	Date	Obs	Depart	%Norm
Memphis	91.5	74.5	83.0	+0.9	96	8/26	68	8/5	2.40	-0.97	71%
Jackson	88.5	69.1	78.8	+0.5	94	8/26	58	8/5	7.10	+3.57	201%
Clarksville	87.9	69.1	78.5	+1.1	95	8/26	57	8/5	6.91	+4.01	238%
Nashville	89.9	71.3	80.6	+0.9	98	8/25	62	8/5	7.05	+3.26	186%
Chattanooga	88.9	71.1	80.0	0.0	97	8/25	66	8/5	11.48	+7.81	313%
Crossville	82.5	64.5	73.5	+0.6	90	8/25	57	8/5	4.25	+0.64	118%
Knoxville	88.5	69.2	78.8	+1.2	96	8/14	63	8/8	10.12	+6.49	279%
Bristol	88.0	66.3	77.1	+2.6	94	8/25	59	8/6	4.92	+1.16	131%

Departures and %Norm Key: **Warmer than Normal**, **Cooler than Normal**; **Wetter than Normal**, **Drier than Normal**

Hottest Stations (highest maximum temperature)

Station Name	Station Type	Highest Temperature (F)	Date
WOODBURY 1 WNW	COOP	103	12
CHEATHAM LOCK & DAM	COOP	100	25
OLD HICKORY DAM	COOP	98	26
LEBANON 7 N	COOP	98	26
NASHVILLE BERRY FIELD	COOP	98	26
CAMDEN TOWER TENNESSEE	RAWS	98	26
NASHVILLE INTL AP	WBAN	98	25
AMES PLANTATION	COOP	97	1
CLARKSVILLE WWTP	COOP	97	25
GERMANTOWN 4SE	COOP	97	1
GLADEVILLE	COOP	97	11
MOUSETAIL LANDING STATE PARK	COOP	97	13
CHATTANOOGA AP	WBAN	97	25
MEMPHIS WFO	WBAN	97	13

Seven stations tied for the 8th hottest temperature (97°F)

Coldest Stations (lowest minimum temperature)

Station Name	Station Type	Lowest Temperature (F)	Date
MT LECONTE	COOP	41	8
PORTLAND SEWAGE PLANT	COOP	46	3
NEWFOUND GAP	COOP	51	2
ROAN MOUNTAIN 3SW	COOP	51	8
MILAN EXP STN	COOP	52	5
PULASKI WASTEWATER PLANT	COOP	53	16
CHEROKEE TENNESSEE	RAWS	53	2
ERWIN 1 W	COOP	54	16
MONTEREY	COOP	54	18
JAMESTOWN	COOP	55	3
COALMONT	COOP	55	5
FALL CREEK FALLS SP	COOP	55	5
BLEDSON SF TENNESSEE	RAWS	55	5
CROSSVILLE AREA OFFICE TENNESS	RAWS	55	4
CROSSVILLE 7 NW	WBAN	55	5

Six stations tied for the 10th coldest temperature (55°F)

Warmest Stations (highest mean temperatures)

Station Name	Station Type	Mean Temperature (F)
MEMPHIS INTERNATIONAL AP	WBAN	83
MEMPHIS WFO	WBAN	81
NASHVILLE BERRY FIELD	COOP	80.6
GERMANTOWN 4SE	COOP	80.6
NASHVILLE INTL AP	WBAN	80.6
CAMDEN TOWER TENNESSEE	RAWS	80.3
SHILOH NMP TENNESSEE	RAWS	80.3
JACKSON EXP STA	COOP	80.1
CHATTANOOGA AP	WBAN	80
AMES PLANTATION	COOP	79.9

Cooltest Stations (lowest mean temperatures)

Station Name	Station Type	Mean Temperature (F)
MT LECONTE	COOP	58.1
NEWFOUND GAP	COOP	65.9
ROAN MOUNTAIN 3SW	COOP	68.3
CHEROKEE TENNESSEE	RAWS	70.3
TOWNSEND 5S	COOP	71.8
GATLINBURG 2 SW	COOP	71.9
CROSSVILLE 7 NW	WBAN	72.3
COALMONT	COOP	72.7
PULASKI WASTEWATER PLANT	COOP	73.1
CROSSVILLE MEMORIAL AP	WBAN	73.5

Wettest Stations (highest precipitation totals):

Station Name	Station Type	Total Precipitation (in)
CENTERVILLE 4NE	COOP	15.64
DICKSON 5.8 NW	CoCoRaHS	14.14
MOUNT PLEASANT 1N	COOP	12.71
CLEVELAND FILTER PLANT	COOP	11.72
CHATTANOOGA AP	WBAN	11.48
PULASKI WASTEWATER PLANT	COOP	11.46
VANLEER 2.8 SE	CoCoRaHS	11.38
MT LECONTE	COOP	11.15
FALL CREEK FALLS SP	COOP	10.8
LEWISBURG EXP STA	COOP	10.56
MANCHESTER #2	COOP	10.56

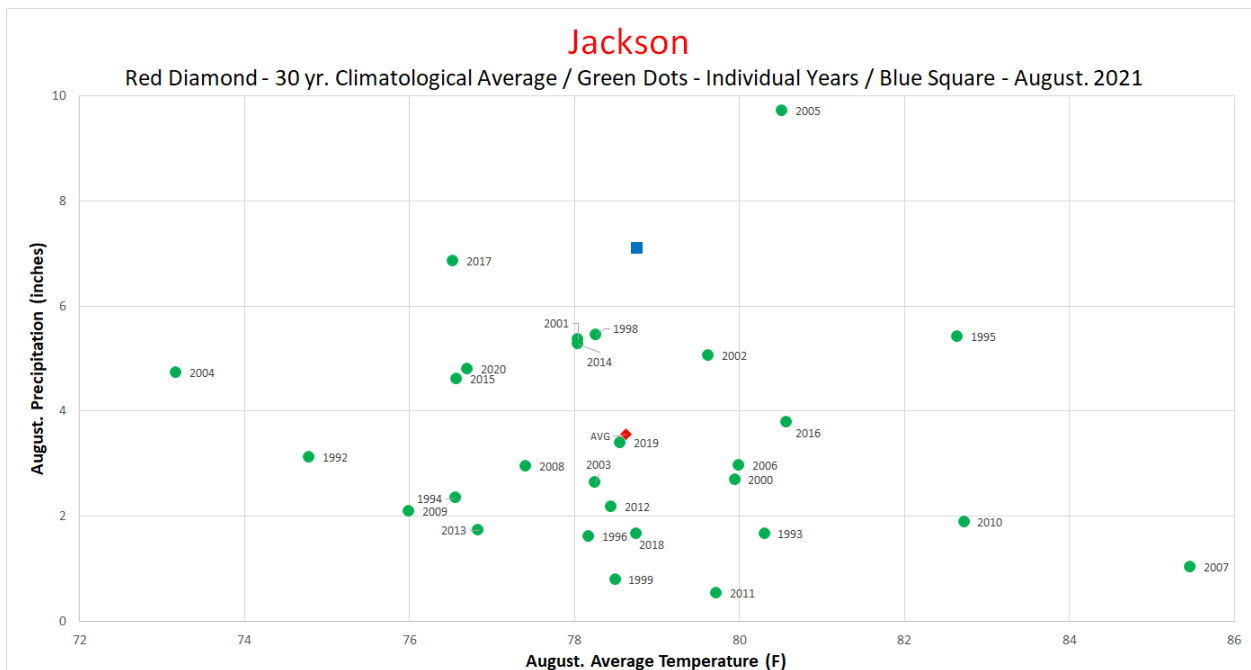
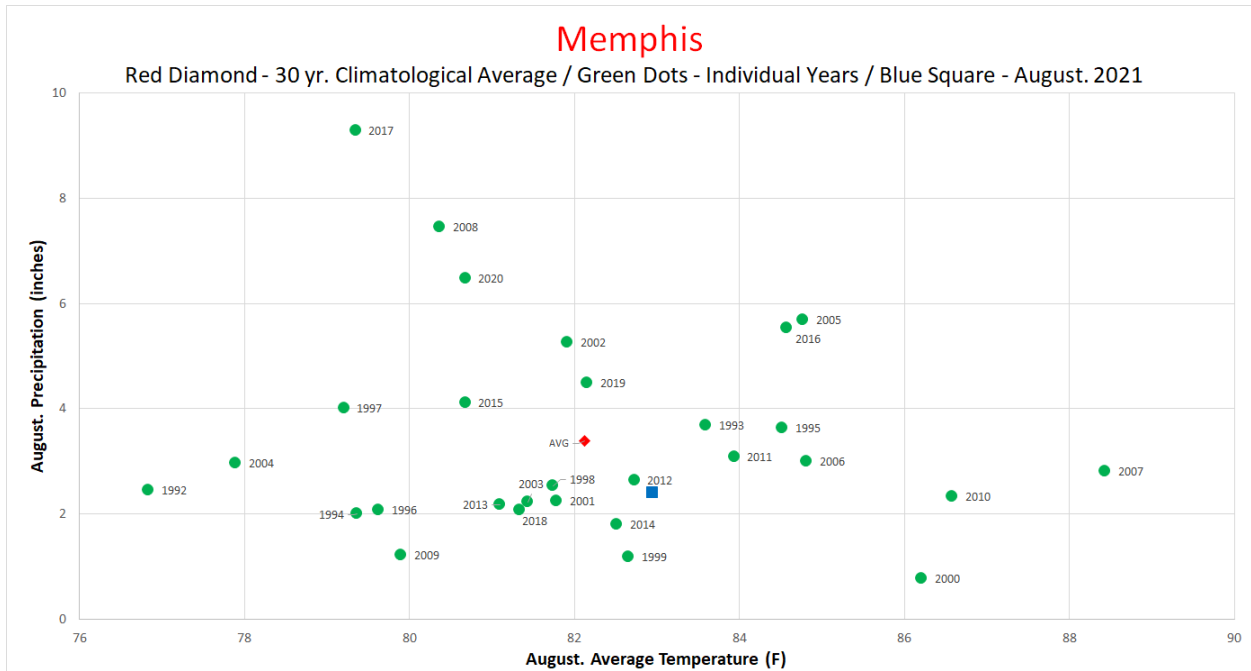
Two stations tied for the 10th highest precipitation total (10.56°F)

Driest Stations (lowest precipitation totals):

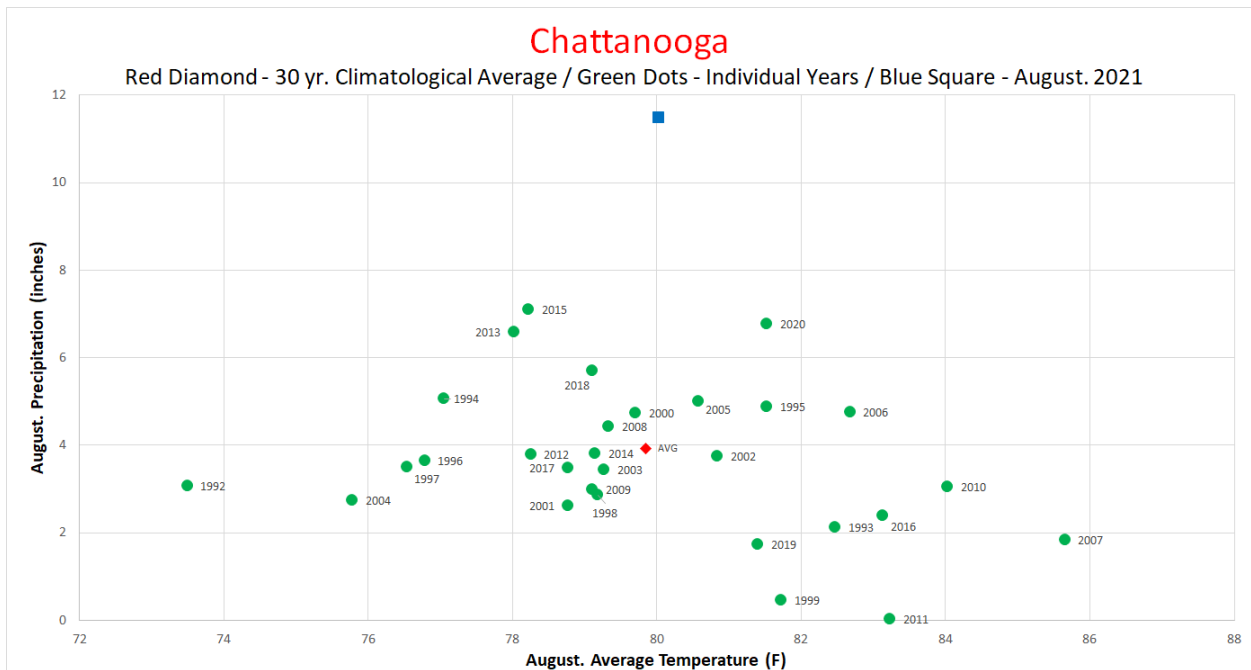
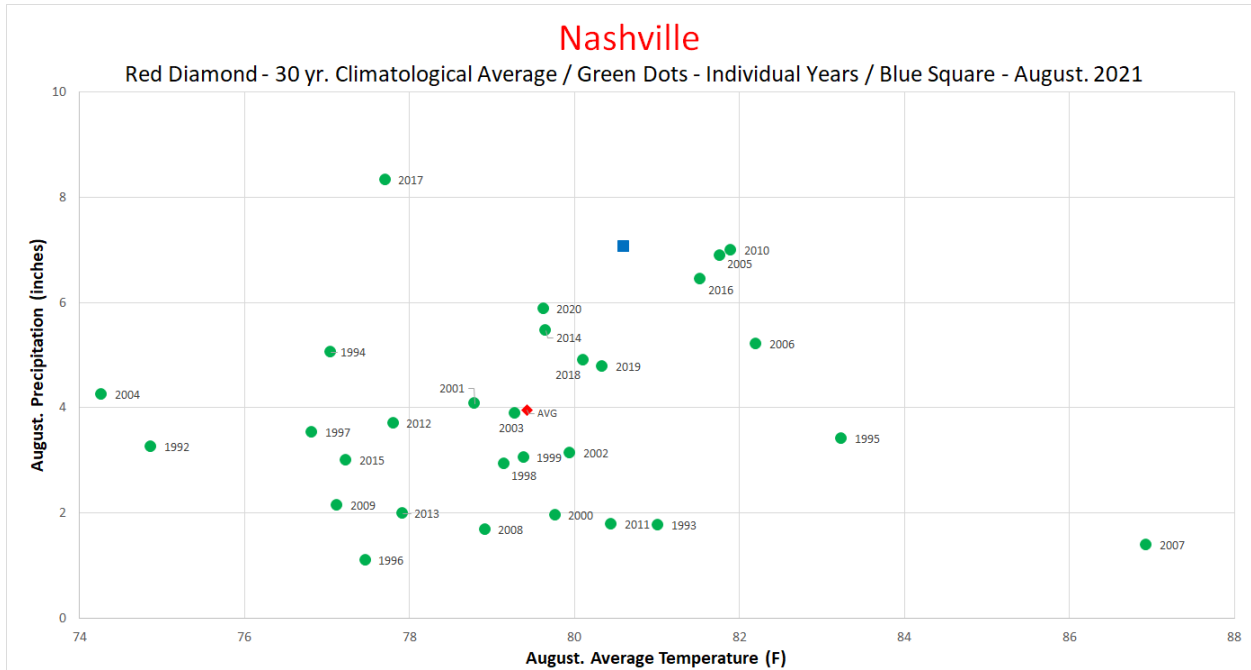
Station Name	Station Type	Total Precipitation (in)
CELINA 0.3 NNE	CoCoRaHS	1.06
OLD HICKORY DAM	COOP	1.96
DRESDEN	COOP	2.18
MEMPHIS INTERNATIONAL AP	WBAN	2.4
SOMERVILLE 10N	COOP	2.6
KINGSPORT	COOP	2.67
RED BOILING SPRINGS 6.7 NNE	CoCoRaHS	2.88
CROSSVILLE 6.9 S	CoCoRaHS	3.26
HUNTINGDON WATER PLANT	COOP	3.56
WAYNESBORO	COOP	3.72

The Month in Comparison:

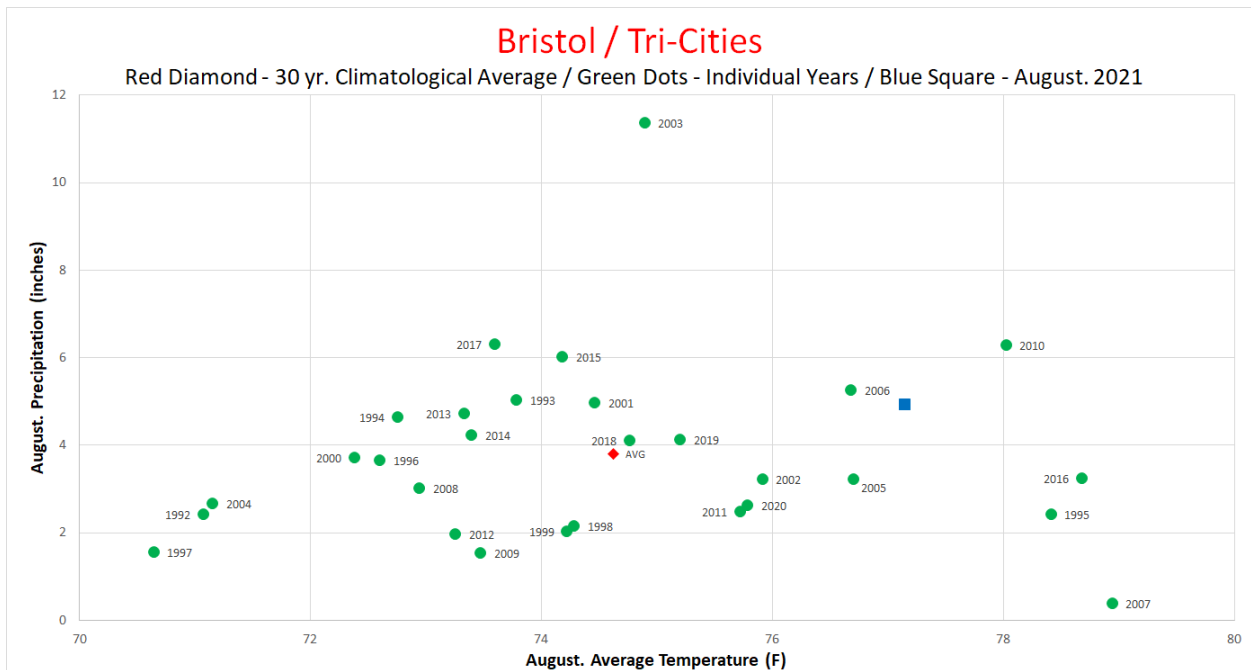
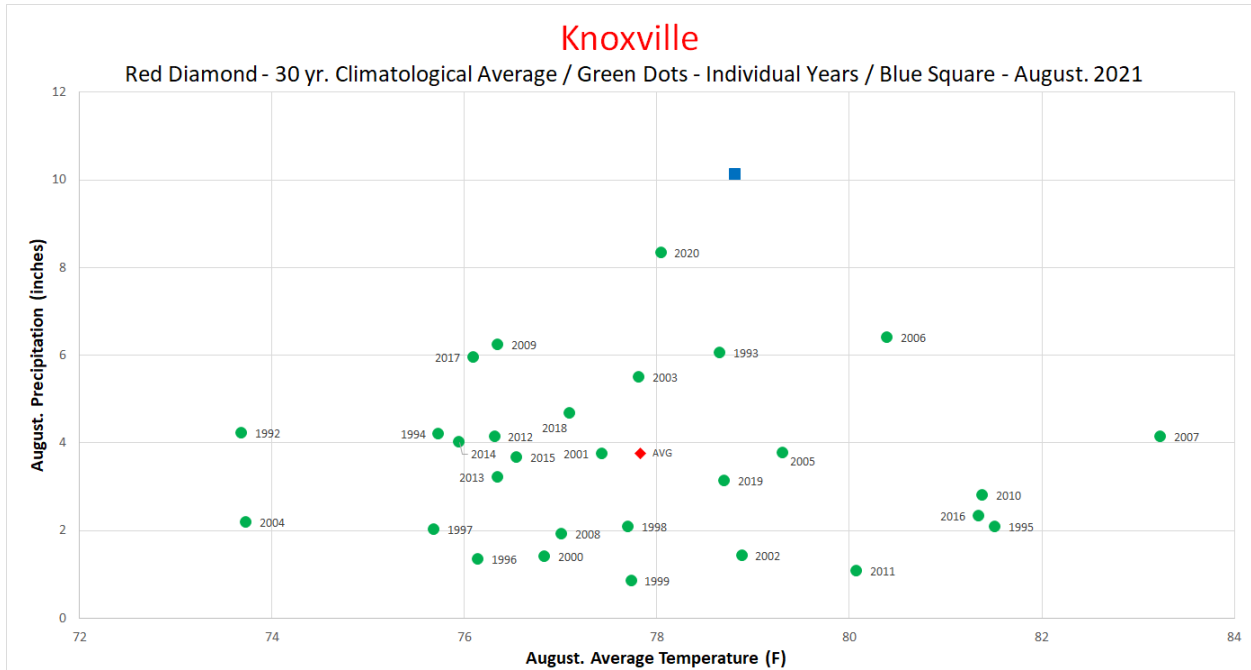
It was a very wet month for some areas of the state, with Chattanooga and Knoxville having the wettest August of the past 30 years by far; additionally, Nashville and Jackson recorded their second wettest August of the past 30 years. Memphis was the only major airport weather station that reported below normal rainfall this past month. Temperatures were generally close to normal, just a bit warmer than normal, except for the Bristol Tri/Cities region that reported conditions over two degrees above normal for the month, making it their fifth warmest August of the past 30 years.



August 2021 Tennessee State Climate Summary



August 2021 Tennessee State Climate Summary



Drought Monitor:

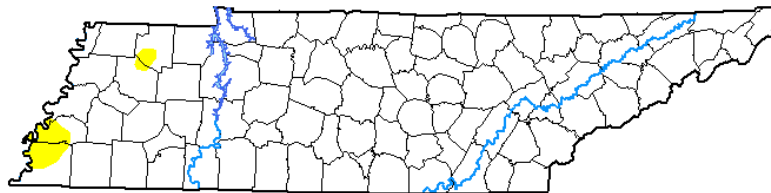
Drought conditions expanded from the first week of the month to the second week of the month, but then contracted again by the end of the month, reaching peak coverage in the August 10 release of the US Drought Monitor. That week, there were several new areas of D0 (Abnormally Dry) conditions around the state and a new section of D1 (Moderate Drought) was added in southern Knox and northern Blount Counties. D1 conditions covered 0.87% of the state (up from 0.34% the previous week). D0 covered 12.45% of the state (up from 6.53% the previous week). In the latter half of the month, rains from the remnants of Tropical Storm Fred, the flooding rains of August 21, and rain from the remnants of Hurricane Ida led to major reductions in drought coverage by the end of August, with no D1 conditions and only 1.79% of the state in D0 conditions.

Author:

David Simeral
Western Regional
Climate Center

**U.S. Drought Monitor
Tennessee**

August 31, 2021
(Released Thursday, Sep. 2, 2021)
Valid 8 a.m. EDT



Intensity:

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

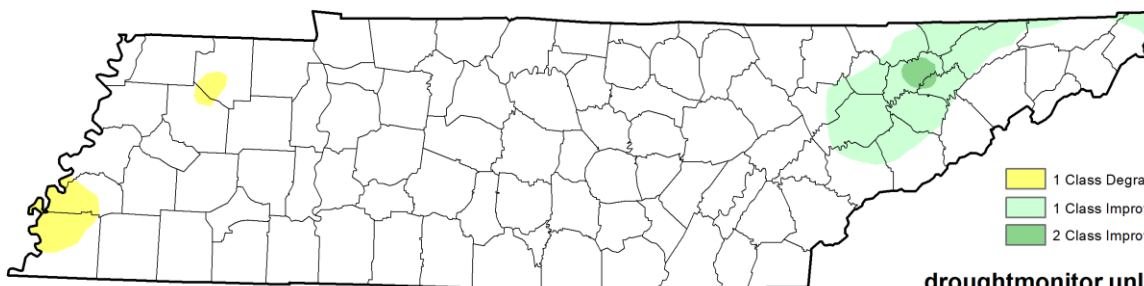
droughtmonitor.unl.edu



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

August 31, 2021
compared to
August 3, 2021

**U.S. Drought Monitor Class Change - Tennessee
4 Week**



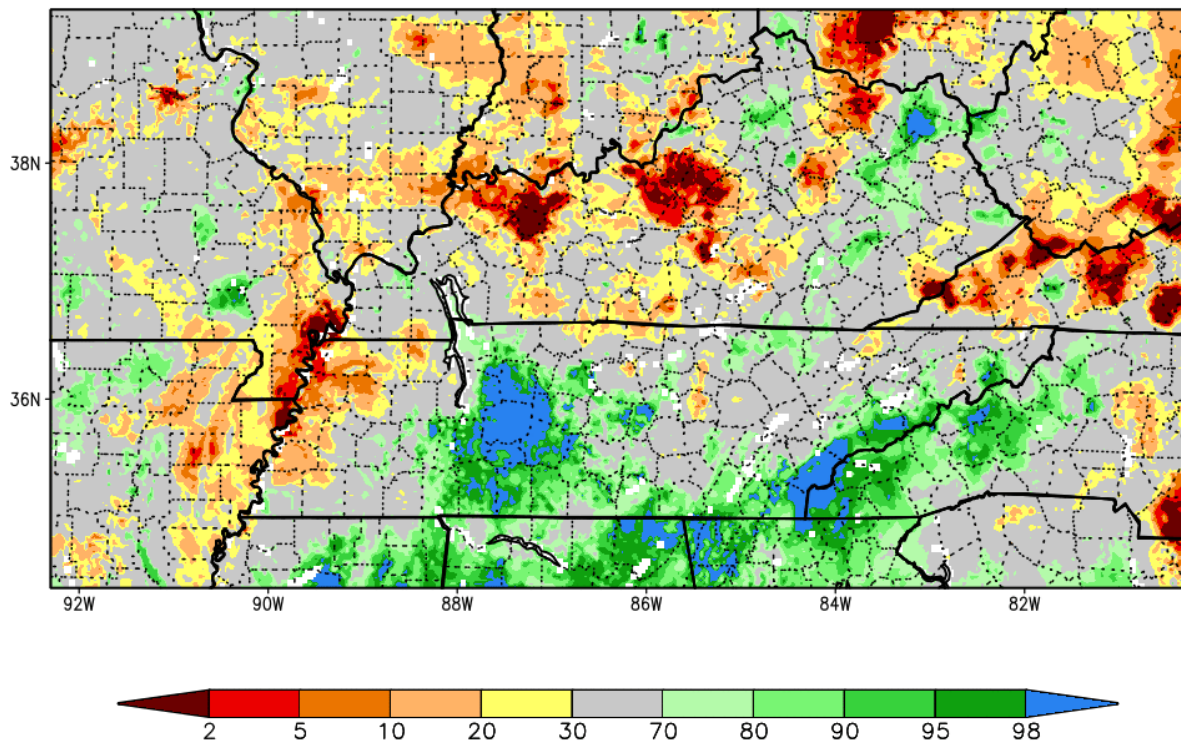
droughtmonitor.unl.edu

Soil Moisture:

The USDA crop weather report released on August 30 reported that topsoil moisture was 3% very short, 17% short, 72% adequate and 8% surplus, and that subsoil moisture was 2% very short, 19% short, 71% adequate, and 8% surplus. However, the remnants of Hurricane Ida brought heavy rainfall to Middle and East Tennessee August 30-31, so soil moisture levels at the end of the month are likely higher than those reported on Monday (8/30).

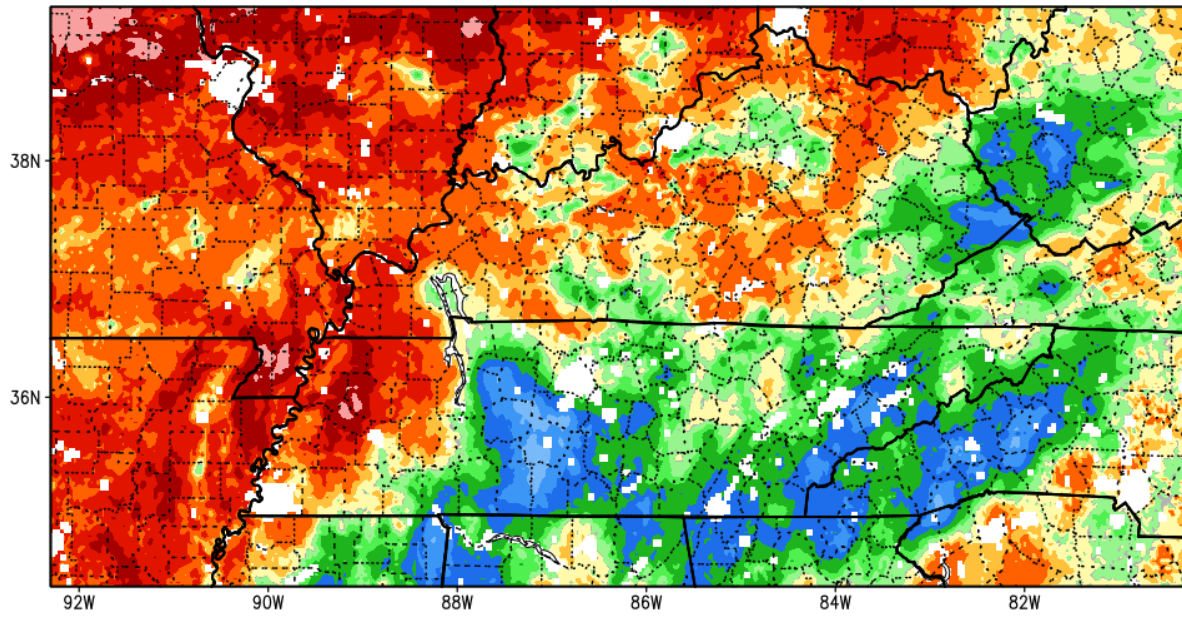
Soil moisture maps from the NASA SPoRT Land Information System show most of Tennessee with normal to above normal soil moisture percentiles, with some areas in the western portions of the state showing 0-200cm soil moisture percentiles in the below normal range (less than 30th percentile). During the month of August, soil moisture levels increased in most of Middle and East TN, while soil moisture levels decreased in most of West Tennessee.

SPoRT-LIS 0-200 cm Soil Moisture percentile valid 31 Aug 2021



****NOTE****
****Experimental****

1-Month Difference in Column Relative Soil Moisture (%) valid 12z 31 Aug 2021



****NOTE****
****Experimental****

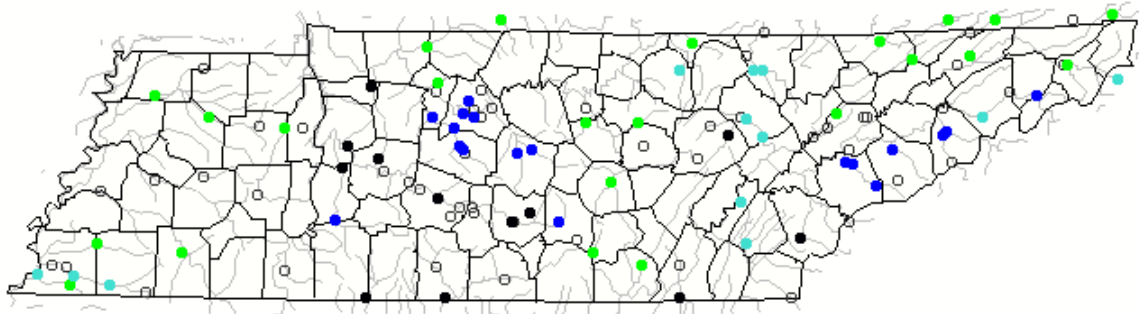
Streamflow:

While many streams in the eastern half of the state started the month with below normal flow, rainfall from the remnants of tropical systems Fred and then Ida in the second half of the month pushed streamflow in watersheds across East and Middle Tennessee into the much above normal range for the month. West Tennessee did not receive as much rainfall so monthly streamflow averages were mostly in the normal to above normal ranges.

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

Tennessee ▼ or Water-Resources Regions ▼

August 2021



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

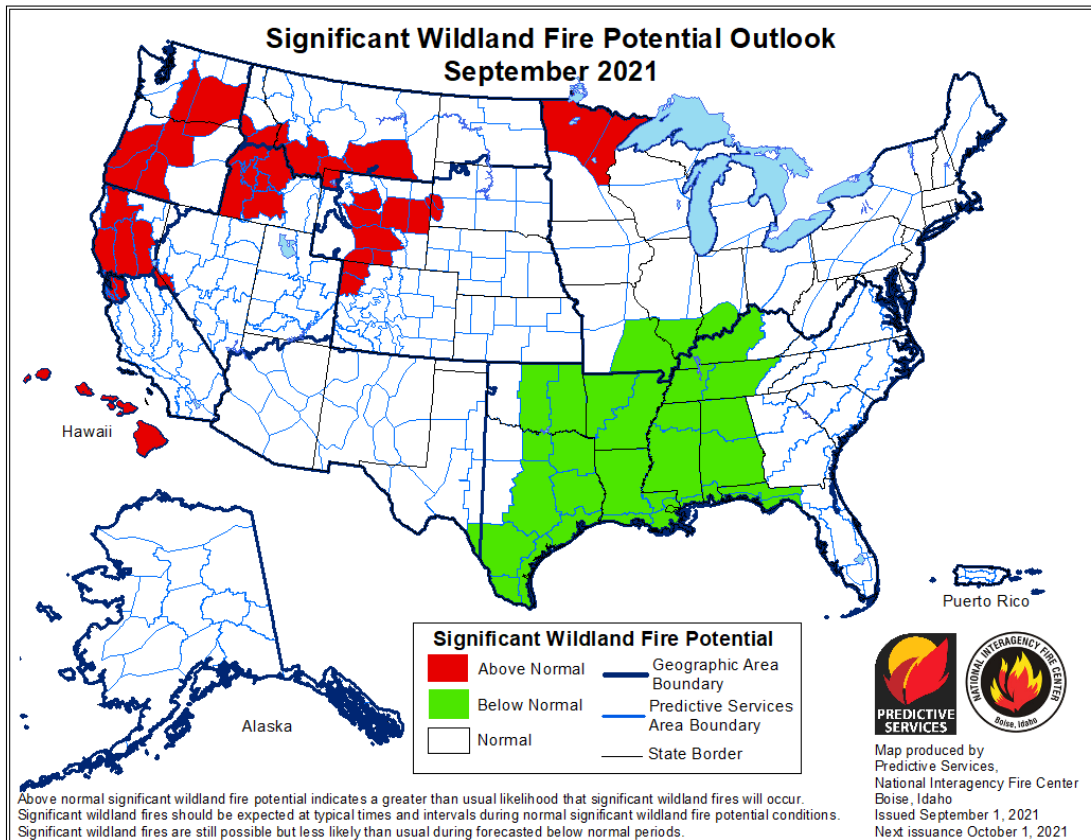
Explanation - Percentile classes							
Low	<10 Much below normal	10-24 Below normal	25-75 Normal	76-90 Above normal	>90 Much above normal	High	Not-ranked

Miscellaneous:

Crop Conditions from USDA: During August, dry conditions at the beginning of the month and armyworms were the main agricultural concerns. Both of these issues produced problems for pastures and led to producers feeding hay to livestock, or even selling off livestock early due to the lack of good pasture. Then flooding rains in Middle Tennessee on August 21 left many fields under water and damaged fences and other farm infrastructure. However, the rains in other parts of the state proved beneficial for crops and pastures. The table below shows crop progress and condition at the end of August.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2020	5 Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
	Percent					Percent				
Corn – Dough	98	95	97	98	Pasture	4	10	27	51	8
Corn – Dented	80	70	75	85	Cotton	6	11	21	52	10
Corn – Mature	25	7	20	36	Corn	1	4	19	58	18
Corn – Harvested	1	N/A	1	3	Soybeans	2	5	21	57	15
Cotton – Setting Bolls	96	93	97	99	Tobacco	4	8	24	53	11
Cotton – Bolls Opening	5	4	8	17						
Soybeans – Setting Pods	90	82	90	91						
Soybeans – Dropping Leaves	10	3	7	7						
Tobacco – Topped	95	89	94	N/A						
Tobacco – Cut	33	N/A	N/A	N/A						

Fire Danger: The Interagency Fire Center outlook for September shows West and Middle Tennessee with below normal chances for a significant wildland fire, while East Tennessee will have normal chances for a significant wildland fire.



Story of the Month:

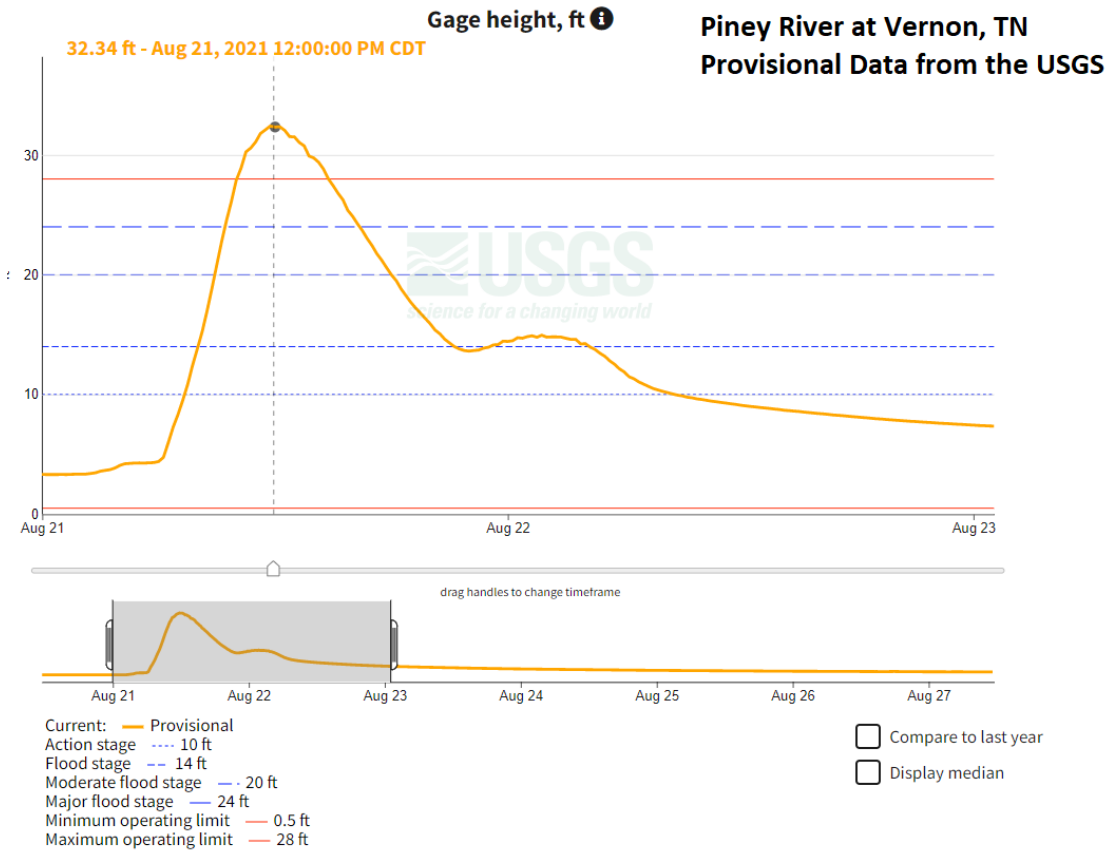
The main weather/climate story of August 2021 was the devastating and deadly flooding that occurred in western portions of Middle Tennessee on August 21. This flooding was caused by a series of storms producing extremely heavy rainfall training over the same areas along a weak stationary front extending from Western Kentucky down into Middle Tennessee. Rainfall started around 1:00am CDT Saturday morning, and increased in intensity through the morning hours, with rainfall rates of over 3-inches per hour between 5:00am and 8:00am CDT. Then a second round of storms formed over the same areas in the early evening hours adding another additional 2-inches between 7:00pm and 9:00pm CDT to areas that were already flooded.

Portions of Humphreys, Dickson, Hickman, and Houston Counties reported over 10-inches of rain during the day, leading to devastating flash flooding. A TVA operated rain gauge in McEwen reported 17.02-inches of rain in less than 24-hours, likely setting a new state record for a 1-day rainfall total. A State Climate Extremes Committee will be set up by the National Weather Service (Nashville and Southern Headquarters), NOAA National Centers for Environmental Information (NCEI), the Southern Regional Climate Center, and the Tennessee Climate Office to confirm this record for Tennessee in the coming weeks.



Streams in these areas quickly rose above flood stage and out of their banks. A USGS stream gauge on the Piney River at Vernon (Hickman County) quickly rose from around 4-ft just after midnight, to over 32ft by noon! This smashed the record gage height of 20.08-ft for this location, previously set in February of 2019. Among the hardest hit areas was Waverly (Humphreys County) where Trace Creek flooded much of the town. TEMA has confirmed that there were 20 weather-related fatalities in Humphreys County, and the Humphreys County Sheriff's Office reported that at least 509 homes were damaged or destroyed by the flooding. In the wider four-county area, the number of homes affected was over 700.

Additionally, other public infrastructure was damaged by the flooding with power outages impacting over 4,000 customers, boil water advisories were issued by the Waverly Water Supply, several state and county roads and bridges were washed out or damaged, and I-40 was shut down in both directions for a time on Saturday (8/21).



NWS Nashville @NWSNashville · 21h

I-40 is closed in both directions near the 153 mile marker due to flooding.



THPJackson @THPJackson · 21h

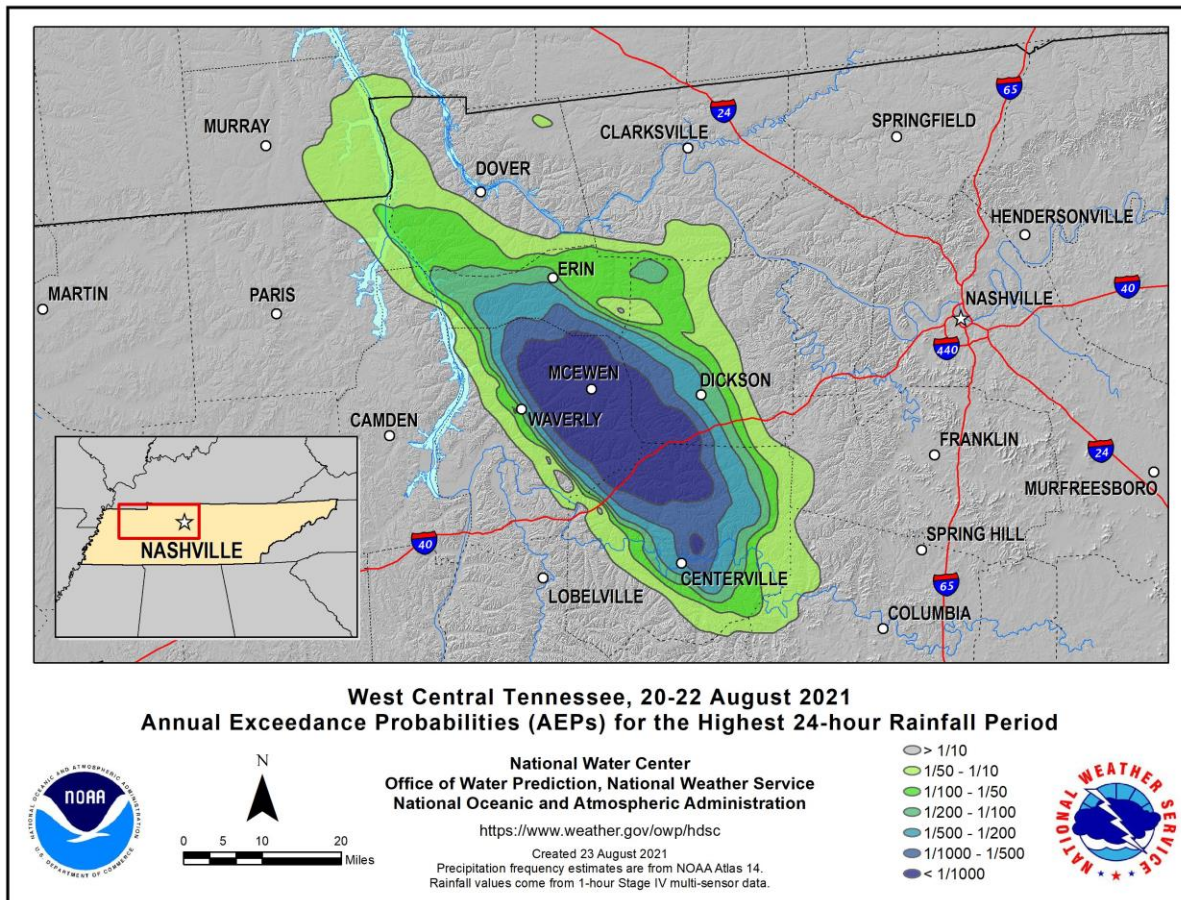
Traffic alert! Severe flooding in Middle TN has resulted in the closure of I-40 both directions near the 153 mile marker. Flooding is also occurring in Waverly in Humphreys County. Turn around don't drown!!!



This is what our TN-HART team flying missions in Waverly are seeing.



Analysis from the NOAA National Water Center shows areas in Hickman, Dickson, and Humphreys counties where the rainfall totals from this event exceeded a 1/1,000 annual recurrence probability threshold (commonly referred to as a rainfall event that has a 1 in 1,000 chance of occurrence in any given year). Comparing hourly and daily rainfall data from the McEwen rain gauge, rainfall totals exceeded the 3-hour and 1-day 1/1,000 annual recurrence probability thresholds by as much as 50%! The McEwen rain gauge reported 9.34-inches in a 3-hr period, exceeding the approximately 6-inch total for a 1/1,000 exceedance probability event, and the gauge reported 17.02-inches in a 24-hr period, exceeding the approximately 11-inch total for a 1/1,000 exceedance probability event.

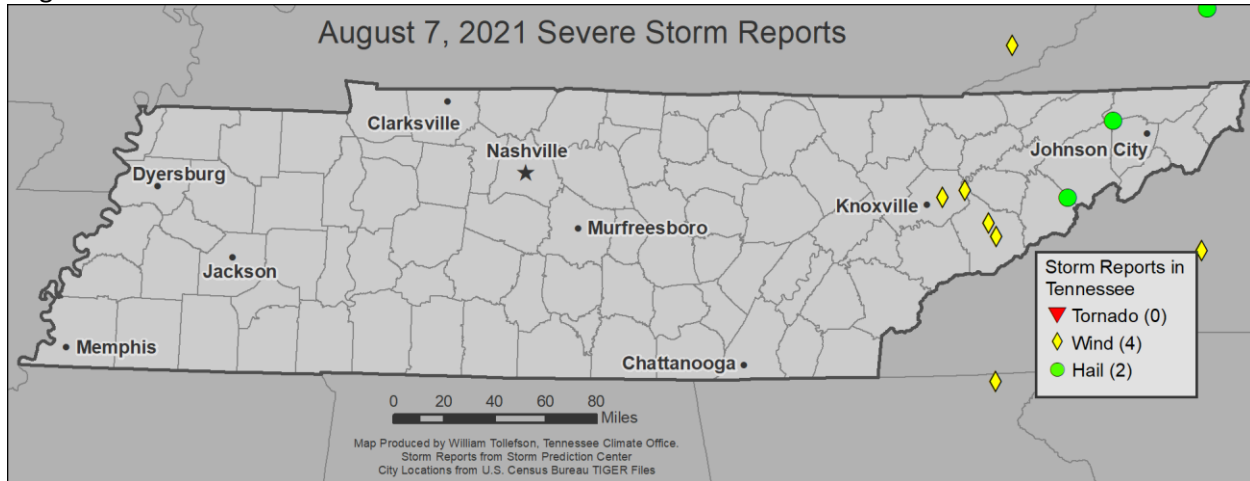


Storm Reports:

*Storm Reports are based on filtered NOAA Storm Prediction Center data or local NWS storm reports. Future quality control checks may change the official record of severe events, please see spc.noaa.gov for any updates.

There were eleven days in August with severe weather reports, with no tornadoes, 42 reports of severe wind damage, and 3 reports of hail 1-inch or larger in diameter.

August 7:



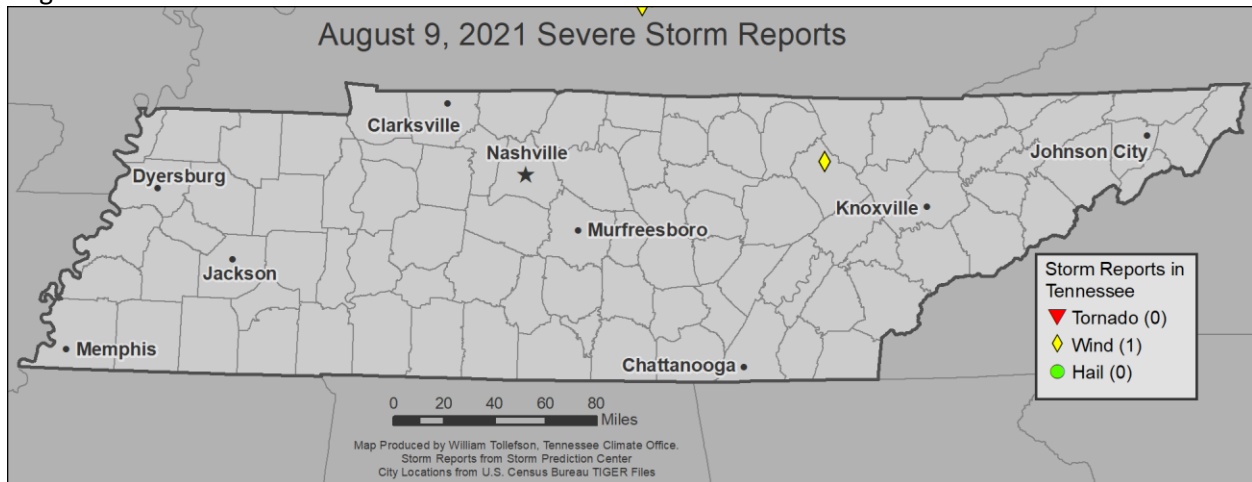
Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
16:20	--	5 S MALONEYVILLE	KNOX	36.01	-83.84	CORRECTS PREVIOUS TSTM WND DMG REPORT FROM 5 S MALONEYVILLE. A FEW TREES DOWN. (MRX)
16:20	--	1 SE STRAWBERRY PLAINS	JEFFERSON	36.05	-83.68	A FEW TREES DOWN. (MRX)
19:57	--	2 W HARRISBURG	SEVIER	35.86	-83.52	SEVERAL TREES DOWN. (MRX)
20:17	--	4 NNE GATLINBURG	SEVIER	35.78	-83.47	A FEW TREES DOWN. (MRX)

Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
18:30	1.00	FALL BRANCH	WASHINGTON	36.42	-82.62	(MRX)
20:35	1.00	4 SW CEDAR CREEK	COCKE	35.99	-82.96	(MRX)

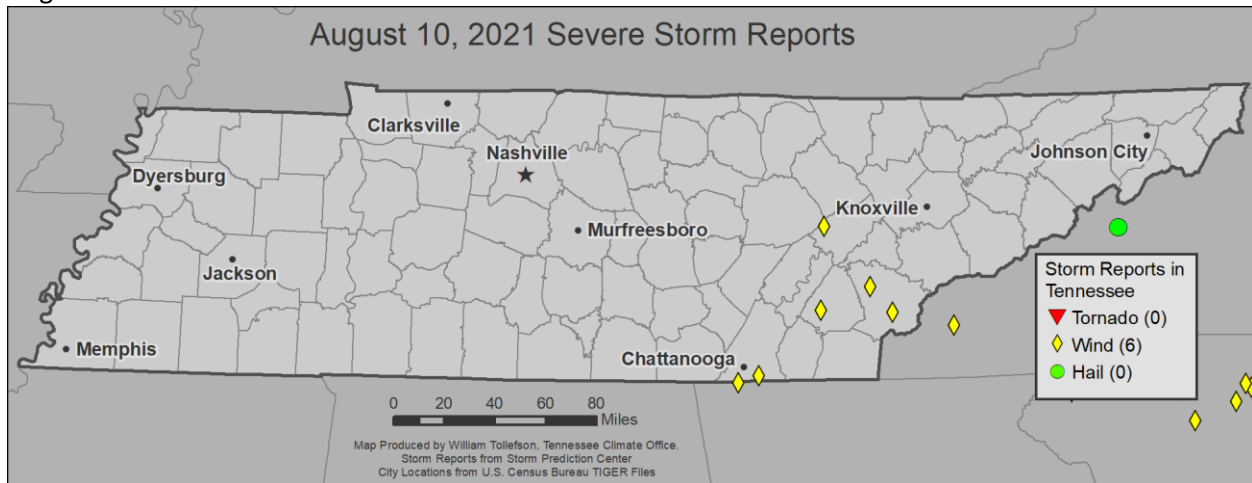
August 9:



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
22:05	--	SUNBRIGHT	MORGAN	36.24	-84.67	NUMEROUS TREES WERE BLOWN DOWN AROUND SUNBRIGHT. (MRX)

August 10:



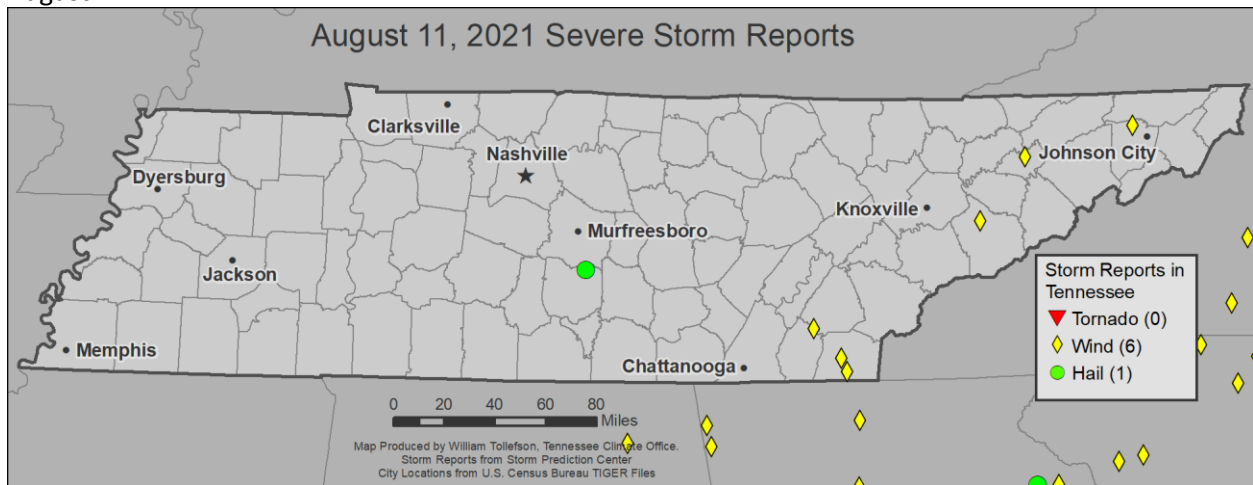
Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
20:40	--	ROCKWOOD	ROANE	35.87	-84.68	ABOUT 3 TO 4 TREES WERE BLOWN DOWN IN THE ROCKWOOD AND HARRIMAN AREA. (MRX)
20:55	--	1 WNW RICEVILLE	MCMINN	35.39	-84.71	A TREE FELL ON A VEHICLE NEAR HIGHWAY 39W AND CR 130. ADDITIONAL TREES WERE BLOWN DOWN IN THAT AREA. (MRX)
21:25	--	MADISONVILLE	MONROE	35.52	-84.36	NUMEROUS TREES WERE BLOWN DOWN ACROSS THE COUNTY. (MRX)

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Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
21:55	--	5 E TELLICO PLAINS	MONROE	35.37	-84.21	SEVERAL TREES DOWN NEAR TELLICO PLAINS AND CITICO. (MRX)
22:33	--	2 W EAST BRAINERD	HAMILTON	35.02	-85.15	REPORTS OF NUMEROUS TREES DOWN ACROSS SOUTHERN PORTIONS OF THE COUNTY... EAST OF THE MAIN METRO AREA. TIME IS ESTIMATED FROM RADAR. (MRX)

August 11:



Wind:

Time	Speed (mph)	Location	County	Lat	Lon	Comments
20:15	--	3 WSW RUSSELLVILLE	HAMBLEN	36.25	-83.25	SOCIAL MEDIA PHOTOS SHOWING A TREE BLOWN DOWN ON TWO VEHICLES WITH NO INJURIES REPORTED. TIME IS ESTIMATED FROM RADAR. (MRX)
20:55	--	CHARLESTON	BRADLEY	35.29	-84.76	REPORTS OF 3 TO 4 TREES DOWN BLOCKING ROADWAYS IN AND NEAR CHARLESTON. TIME IS ESTIMATED FROM RADAR. (MRX)
21:50	--	3 WSW ARCHVILLE	POLK	35.12	-84.57	REPORTS OF TREES DOWN ACROSS THE PARKVILLE CAMPGROUND AREA. (MRX)
22:15	--	8 W DUCKTOWN	POLK	35.04	-84.53	REPORT OF SEVERAL TREES DOWN IN THE PAST 20 MINUTES WITH TIME ESTIMATED FROM RADAR. (MRX)
22:33	--	SEVIERVILLE	SEVIER	35.89	-83.58	REPORT OF MULTIPLE TREES DOWN WITH TIME ESTIMATED FROM RADAR. (MRX)

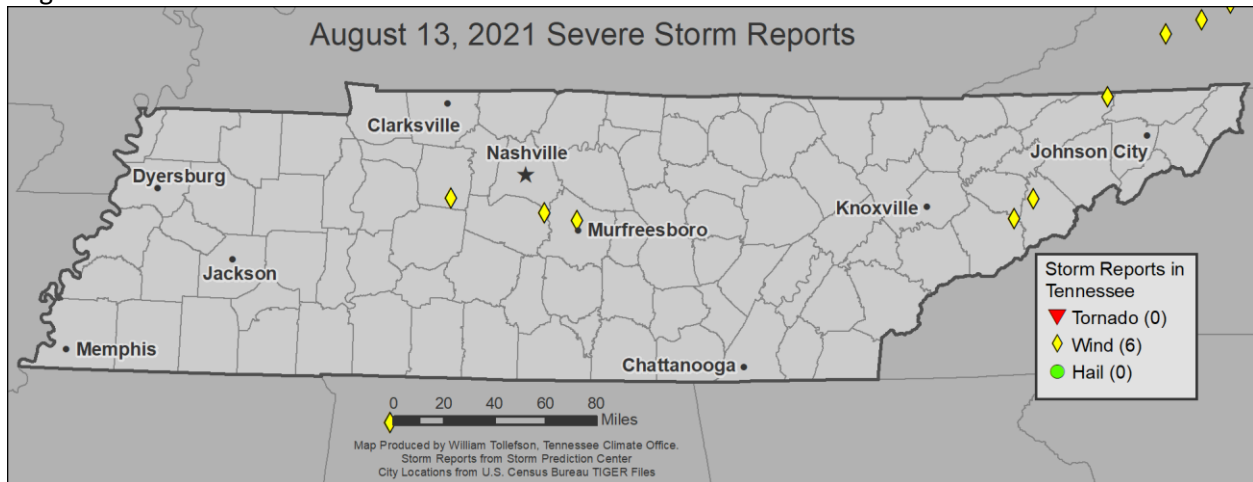
August 2021 Tennessee State Climate Summary

Time	Speed (mph)	Location	County	Lat	Lon	Comments
23:00	--	GRAY	WASHINGTON	36.41	-82.48	SOCIAL MEDIA PHOTO OF A SMALL... PARTIALLY OPEN STRUCTURE DAMAGED NEAR GRAY ELEMENTARY SCHOOL. (MRX)

Hail:

Time (UTC)	Size (in)	Location	County	Lat	Lon	Comments
0:16	100	3 N BELL BUCKLE	BEDFORD	35.63	-86.36	TSPOTTER REPORT OF QUARTER SIZE HAIL IN BELL BUCKLE OFF OF LIBERTY PIKE AND BEECHWOOD ROAD. (OHX)

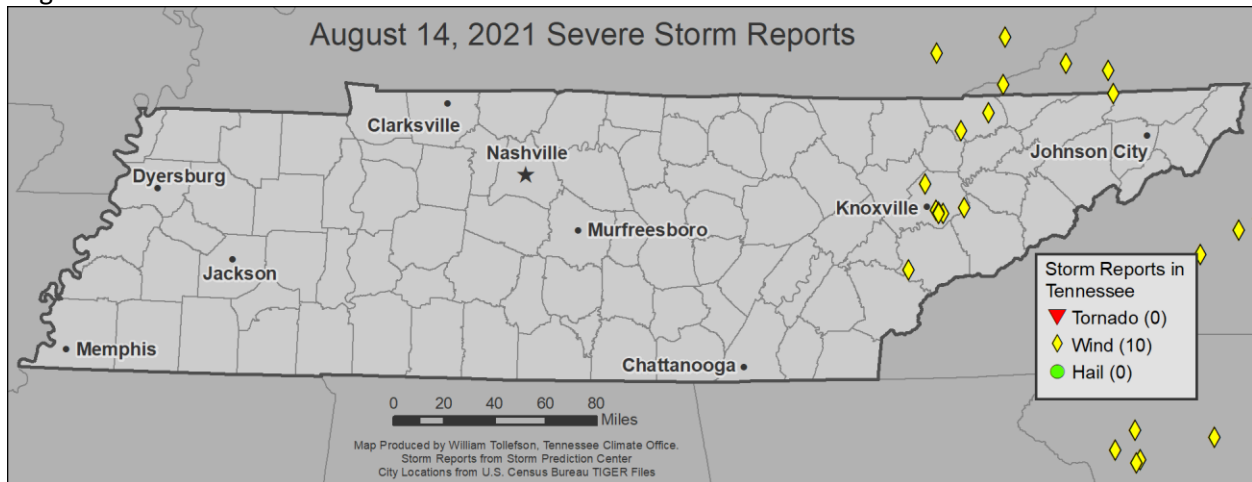
August 13:



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
18:10	--	4 NNW MURFREESBORO	RUTHERFORD	35.91	-86.42	TREE DOWN AT SATINWOOD AND TWISTED OAK (OHX)
18:29	--	NOLENSVILLE	WILLIAMSON	35.95	-86.65	MULTIPLE TREES DOWN IN THE NOLENSVILLE AREA (OHX)
20:00	--	5 SE DICKSON	DICKSON	36.03	-87.31	SEVERAL TREES WERE BLOWN DOWN IN THE PORTER COMMUNITY. A BARN WAS BLOWN DOWN. (OHX)
0:24	--	2 SE BIRD CROSSING	SEVIER	35.89	-83.34	A FEW TREES DOWN. (MRX)
0:46	--	3 NNW NEWPORT	COCKE	36	-83.2	MULTIPLE TREES DOWN. (MRX)
1:48	--	1 NNE MOUNT CARMEL	HAWKINS	36.57	-82.65	MULTIPLE TREES DOWN. (MRX)

August 14:

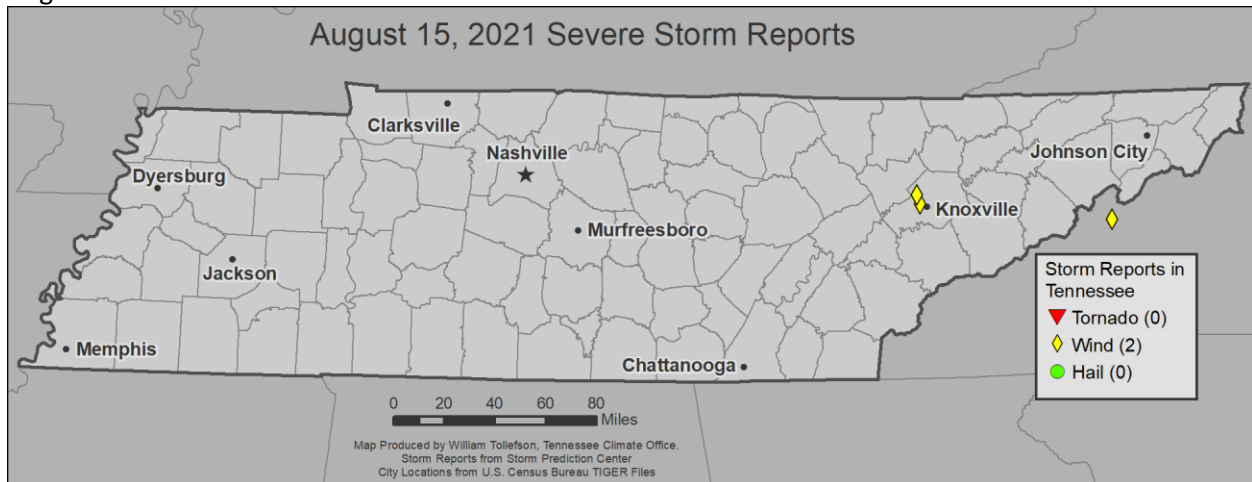


Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
22:45	--	1 W SANDLICK	CLAIBORNE	36.4	-83.7	1 TREE DOWN IN ROADWAY. (MRX)
23:00	--	5 NE TAZEWELL	CLAIBORNE	36.5	-83.5	A FEW TREES DOWN IN THE CEDAR GROVE AREA. (MRX)
23:41	--	2 E LAKE FOREST	KNOX	35.93	-83.84	TREE DOWN ACROSS FORDTOWN RD. (MRX)
23:50	--	3 NE MOUNT CARMEL	HAWKINS	36.59	-82.61	TREES DOWN ALONG CARTERS VALLEY RD. TIME ESTIMATED BY RADAR. (MRX)
0:11	--	3 NNW MCMAHAN	KNOX	35.96	-83.69	TREE BLOCKING ENTIRE ROAD AT CROSS OF KODAK AND MIDWAY RD. (MRX)
0:15	--	2 NW LAKE FOREST	KNOX	35.95	-83.89	TREE DOWN ON POWER LINES BLOCKING ROAD. (MRX)
0:45	--	1 N LAKE FOREST	KNOX	35.94	-83.87	TREES BLOCKING ROAD AT MCNUTT RD AND SEVIERVILLE PIKE. (MRX)
0:55	--	5 NNW TALASSEE	BLOUNT	35.61	-84.09	TREE DOWN. (MRX)
1:07	--	LAKE FOREST	KNOX	35.93	-83.87	TREE DOWN BLOCKING ROAD AT SEVIERVILLE PIKE AND LINDY DR. (MRX)
1:33	--	2 NW HALLS	KNOX	36.1	-83.96	TREE DOWN NEAR NORRIS FWY AND RACCOON VALLEY RD BLOCKING ONE LANE OF TRAFFIC. (MRX)

August 2021 Tennessee State Climate Summary

August 15:



Wind:

Time (UTC)	Speed	Location	County	Lat	Lon	Comments
20:13	--	3 WNW KNOXVILLE	KNOX	35.99	-84	TREE DOWN NEAR PLEASANT RIDGE ELEMENTARY BLOCKING THE ROAD. (MRX)
20:30	--	POWELL	KNOX	36.04	-84.02	TIME ESTIMATED BY RADAR. AWNING ON HOME DAMAGED AND TOSSED ONTO ROOF. (MRX)

August 18:

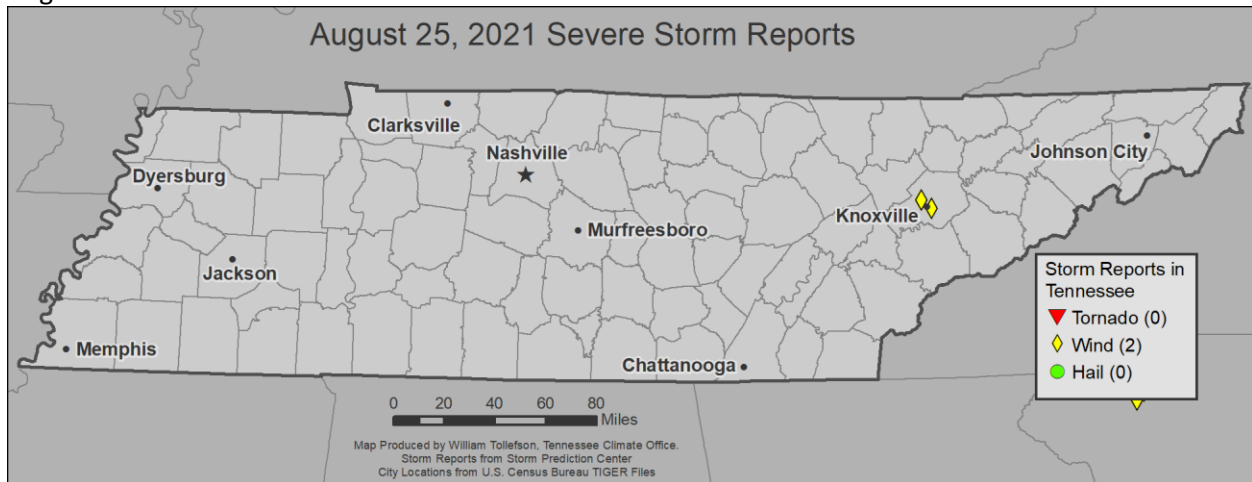


Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
12:47	--	8 W HUNTLAND	LINCOLN	35.06	-86.42	TREE DOWN ON FLINTVILLE SCHOOL ROAD. TIME ESTIMATED FROM RADAR. (HUN)

August 2021 Tennessee State Climate Summary

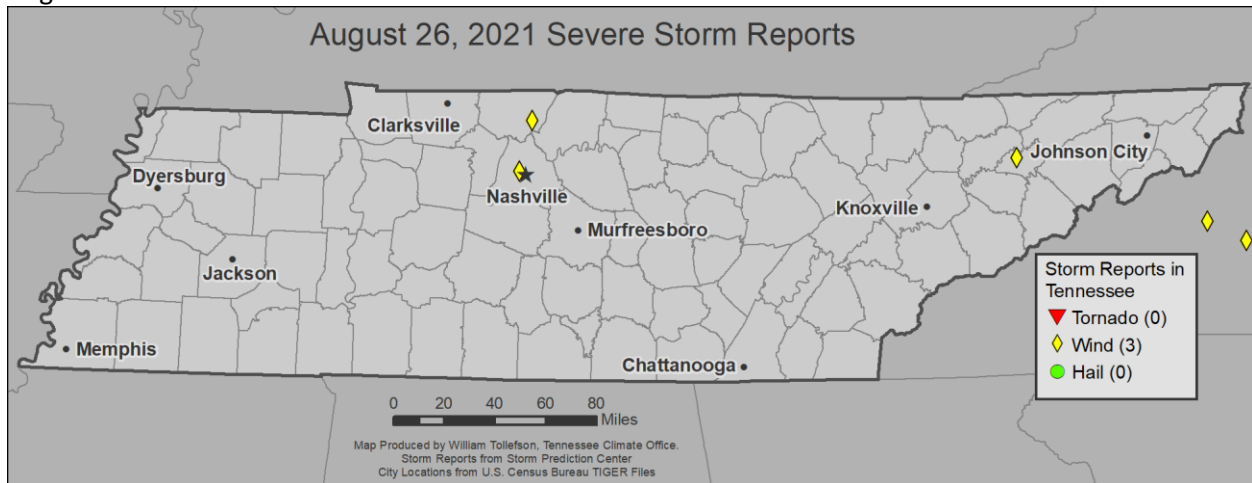
August 25:



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
20:25	--	3 SE POWELL	KNOX	36.01	-83.99	TREE IN ROADWAY AT FREDONIA ROAD AND BLOSSOM ROAD. (MRX)
20:40	--	2 ESE KNOXVILLE	KNOX	35.96	-83.92	TREE DOWN ON CUMBERLAND AVENUE AT HENLEY STREET. (MRX)

August 26:

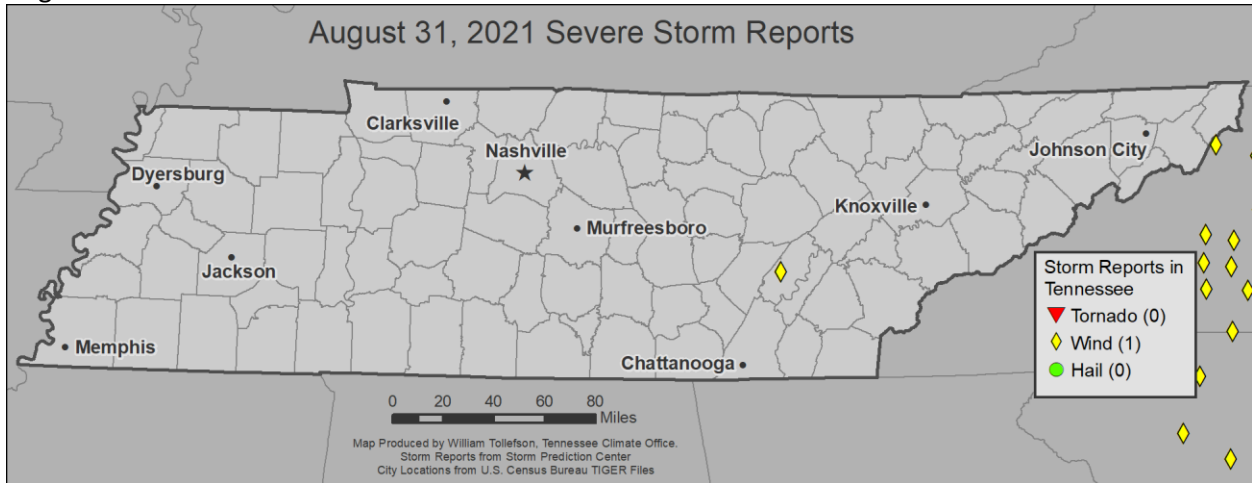


Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
22:47	--	2 NNW MORRISTOWN	HAMBLEN	36.24	-83.31	LARGE TREE FELL ON A TRUCK. (MRX)
23:13	--	4 WNW WHITE HOUSE	ROBERTSON	36.48	-86.74	TREES AND POWER LINES WERE REPORTED DOWN ON HERBERT SHANNON ROAD AND MAXIE JONES ROAD (OHX)
0:10	--	BORDEAUX	DAVIDSON	36.19	-86.83	A TREE WAS BLOWN DOWN ON KINGS LANE IN BORDEAUX. POWER LINES WERE REPORTED DOWN IN NORTH NASHVILLE. (OHX)

August 2021 Tennessee State Climate Summary

August 31:



Wind:

Time (UTC)	Speed (mph)	Location	County	Lat	Lon	Comments
20:50	--	3 NNW EVENSVILLE	RHEA	35.6	-84.98	REPORTS OF TREES AND POWERLINES DOWN ACROSS RHEA COUNTY. (MRX)

CPC Outlooks for the Next Month:

The NOAA Climate Prediction Center outlooks for September show most of Tennessee will likely see below normal temperatures, with the exception of northeast Tennessee, which will have equal chances of normal, above normal, or below normal temperatures. All of Tennessee has a moderate probability of receiving above normal rainfall for September, with higher confidence over northeast Tennessee and a decreasing probability towards the west.

