

Factual Report – Attachment 13

Selected graphics and a video related to the regional severe weather issued by the NWS Springfield WFO on its website and/or social media accounts on July 19, 2018.

METEOROLOGY

DCA18MM028

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On July 19, 2018, the NWS Springfield WFO issued the following “Weather Story” graphics. According to the Meteorologist in Charge of the NWS Springfield WFO, Weather Story graphics are normally published to the WFO website¹. In addition, the graphics published at 0450 and 0849 CDT were also published to the WFO’s Facebook² and Twitter³ webpages.

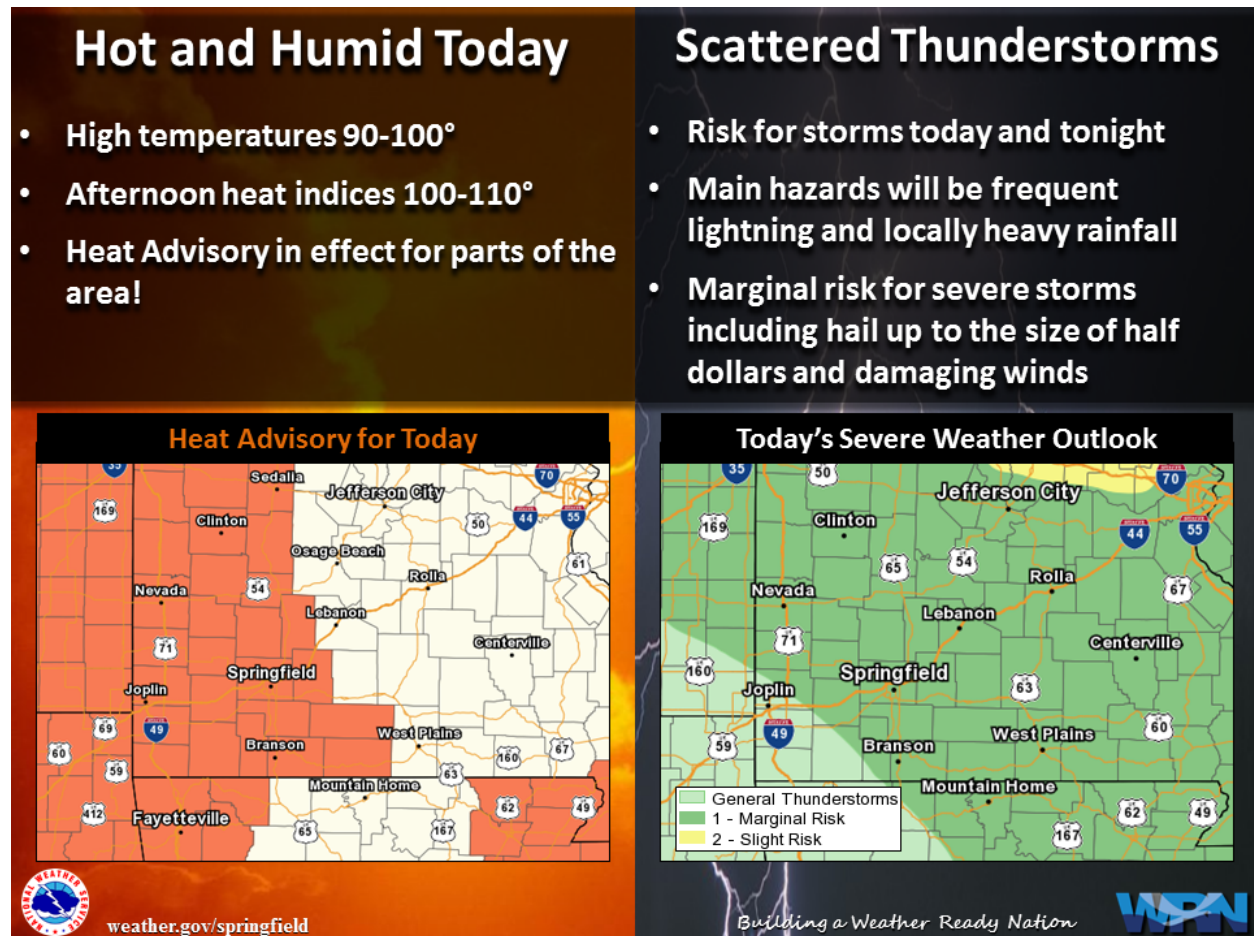


Figure A – Weather Story graphic published by the NWS Springfield WFO at 0450 CDT on July 19, 2018.

¹ <https://www.weather.gov/sgf/>

² <https://www.facebook.com/NWSSpringfield>

³ <https://twitter.com/NWSSpringfield>

Hot and Humid Today

- High temperatures 90-100°
- Afternoon heat indices 100-110°
- Heat Advisory in effect for parts of the area!

Scattered Thunderstorms

- Risk for storms today and tonight
- Main hazards will be frequent lightning and locally heavy rainfall
- Slight risk for severe storms including hail up to the size of half dollars and damaging winds

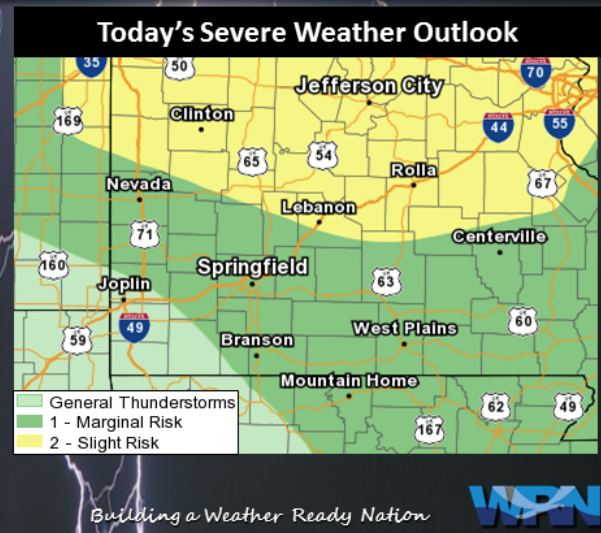
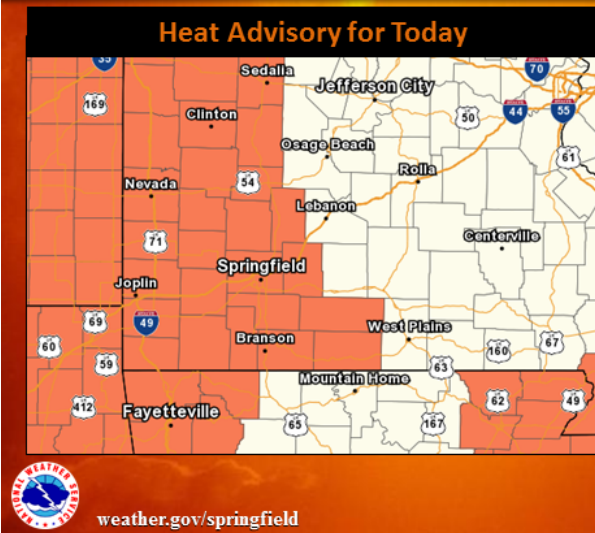


Figure B – Weather Story graphic published by the NWS Springfield WFO at 0849 CDT on July 19, 2018.

Hot and Humid Today

- High temperatures 90-100°
- Afternoon heat indices 100-110°
- Heat Advisory in effect for parts of the area!

Scattered Thunderstorms

- Risk for storms today and tonight
- Main hazards will be frequent lightning and locally heavy rainfall
- Slight risk for severe storms including hail up to the size of half dollars and damaging winds

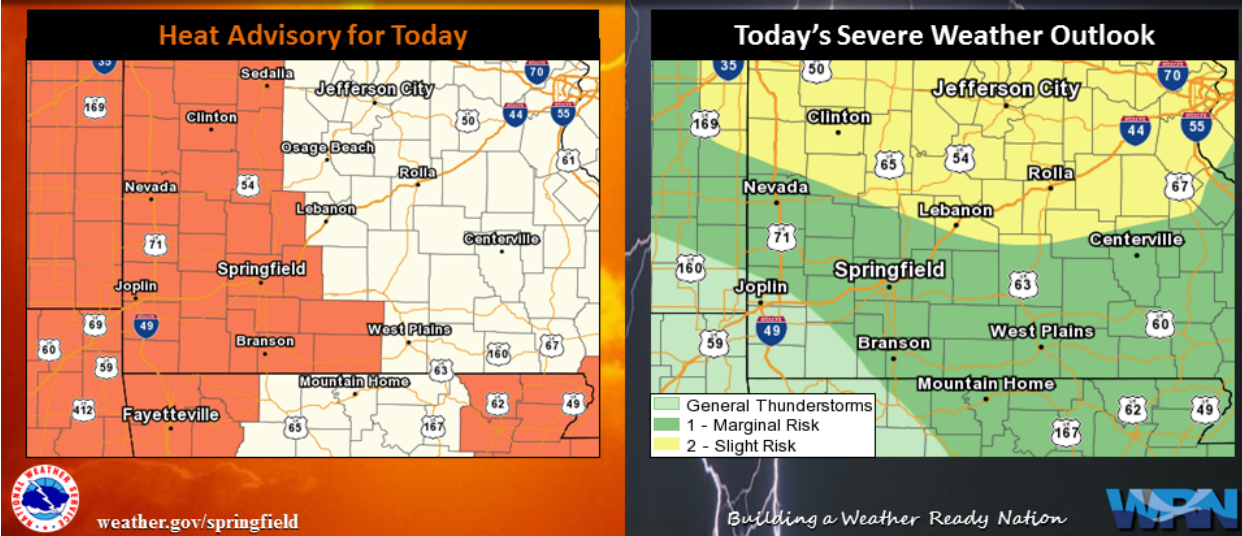


Figure C – Weather Story graphic published by the NWS Springfield WFO at 1048 CDT on July 19, 2018.

Hot and Humid Today

- High temperatures 90-100°
- Afternoon heat indices 100-110°
- Heat Advisory in effect for parts of the area!

Scattered Thunderstorms

- Risk for storms today and tonight
- Main hazards will be frequent lightning and locally heavy rainfall
- Slight risk for severe storms including hail up to the size of golf balls and damaging winds

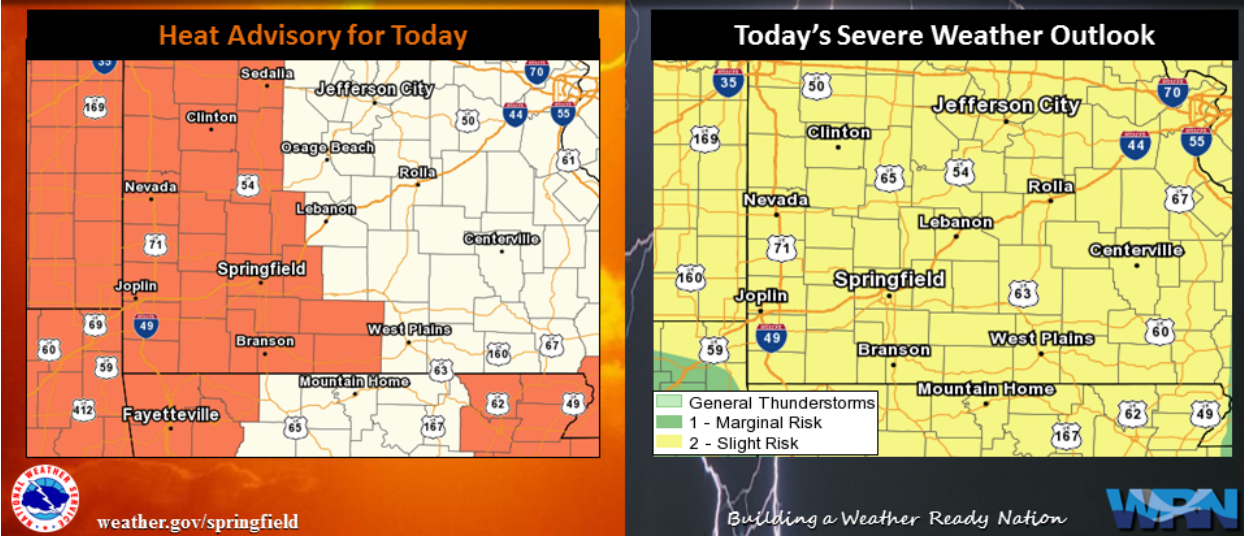


Figure D – Weather Story graphic published by the NWS Springfield WFO at 1244 CDT on July 19, 2018.

Hot and Humid Today

- High temperatures 90-100°
- Afternoon heat indices 100-110°
- Heat Advisory in effect for parts of the area!

Scattered Thunderstorms

- Scattered strong to severe storms possible this afternoon and evening
- Storm hazards include hail up to the size of golf balls and damaging winds

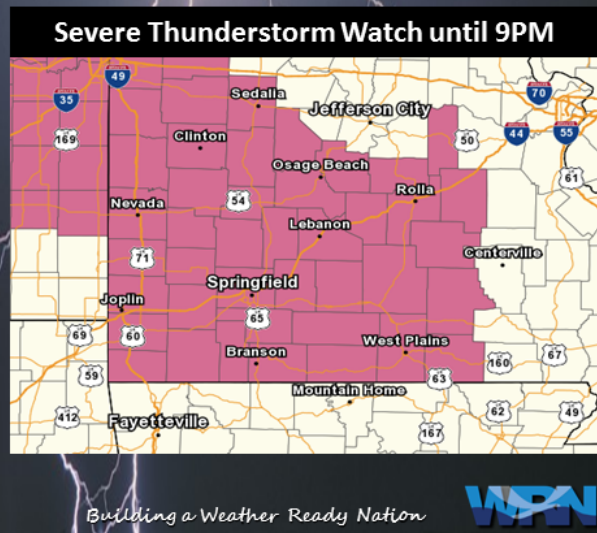
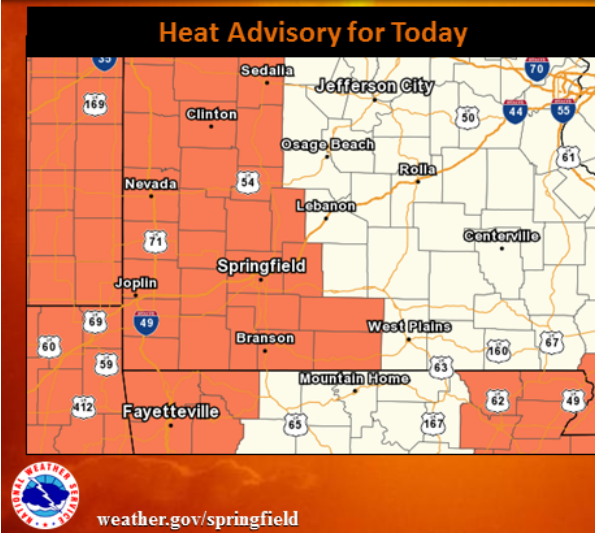


Figure E – Weather Story graphic published by the NWS Springfield WFO at 1347 CDT on July 19, 2018.

On July 19, 2018, the NWS Springfield WFO issued the following tweets from their official Twitter page.

NWS Springfield @NWSSpringfield

A severe thunderstorm watch has been issued for parts of Missouri until 9 PM CDT

Severe Thunderstorm Watch

Valid Until
9:00 PM CDT Thursday
July 19, 2018

Threat Information

- TORNADOES**
A Couple Tornadoes Possible
- HAIL**
Scattered Hail Up To Tennis Ball Size Likely
- WIND**
Widespread Gusts Up To 75 MPH Likely

Potential Exposure

- Population: 2,957,070
- Schools: 1154
- Hospitals: 74

9:21 AM - 19 Jul 2018

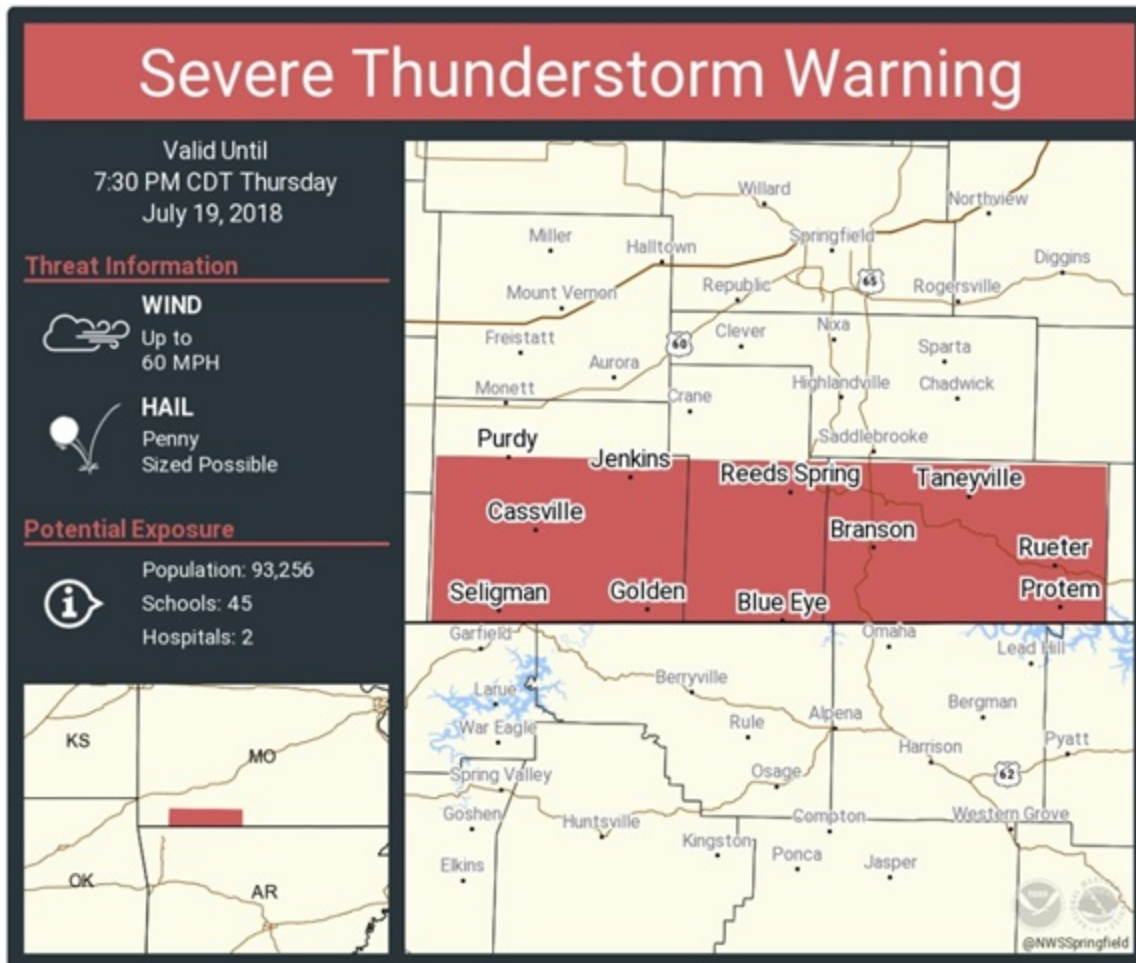
Figure F – Tweet issued by the NWS Springfield WFO at 0921 CDT on July 19, 2018.



NWS Springfield ✓

@NWSSpringfield

Severe Thunderstorm Warning including
Branson MO, Hollister MO, Cassville MO until
7:30 PM CDT



4:32 PM - 19 Jul 2018 from [Missouri, USA](#)

Figure G – Tweet issued by the NWS Springfield WFO at 1632 CDT on July 19, 2018.

On the afternoon of July 19, 2018, the NWS Springfield WFO produced a 2:38 video that discussed the regional situation that day including the active Severe Thunderstorm Watch. This video was published to their Facebook webpage that afternoon.



Figure H – Screen capture from the NWS Springfield WFO video produced and published to their Facebook webpage on the afternoon of July 19, 2018.