



Severe Weather, Flooding, and Heat

July 8, 2026
5:32 AM

Thursday Through the Weekend

Key Messages

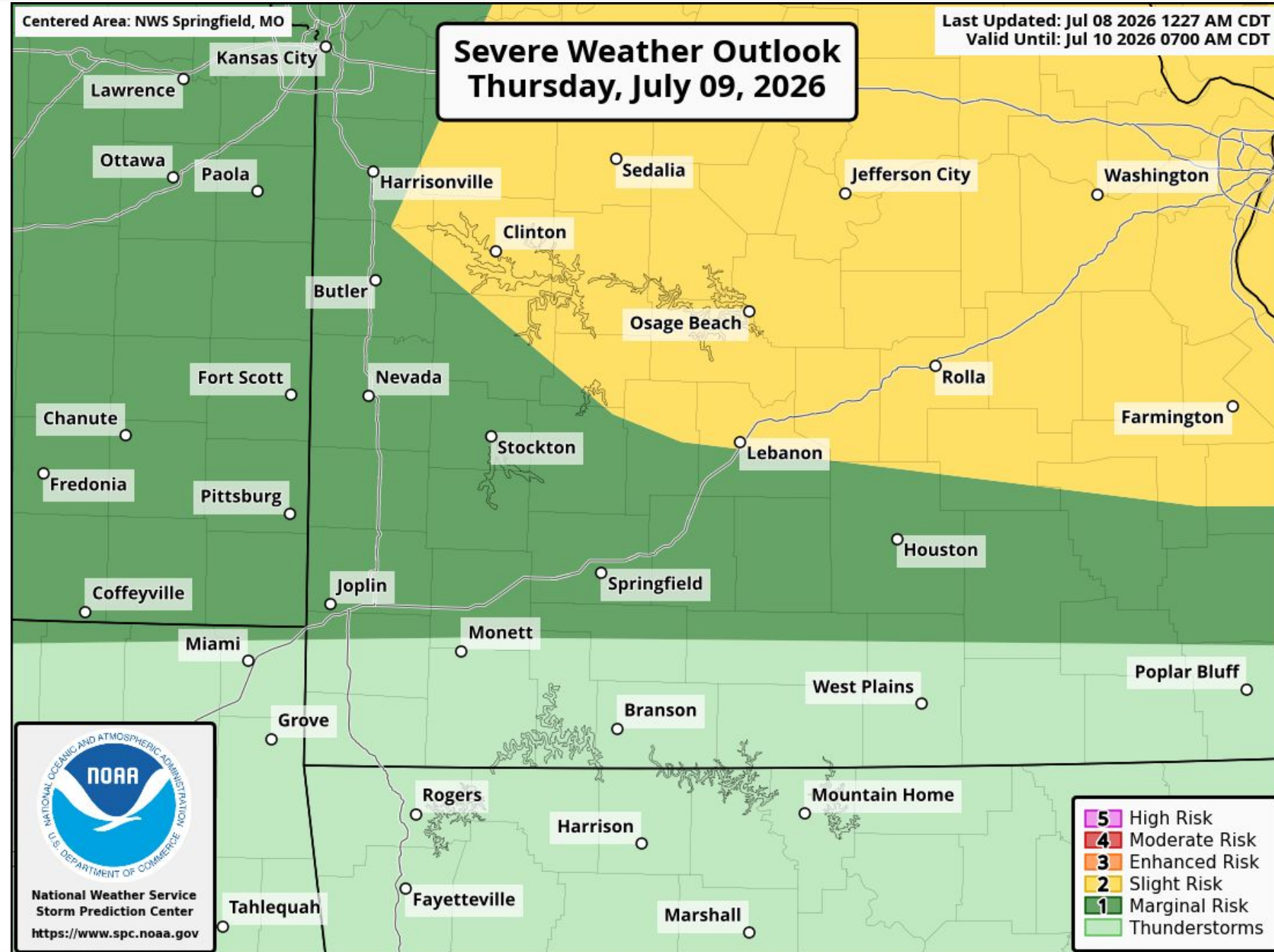
- There is a **Marginal** (1/5) to **Slight** (2/5) risk for severe thunderstorms **Thursday**, with **damaging winds** the main threat.
- There is a **Marginal** (1/4) to **Slight** (2/4) risk for **excessive rainfall** through the rest of the week.
- Thursday and Friday will be hot with **Moderate to Major HeatRisk**.

NEW Important Updates

- Initial issuance

Next Scheduled Briefing

- Wednesday afternoon





Severe Thunderstorms Thursday Night

July 8, 2026
5:32 AM

Key Message:

A complex of storms is expected to move through central Missouri late Thursday into Thursday night with a primary severe risk for damaging winds.



60 to 70 mph Wind Gusts



Hail up to Quarters

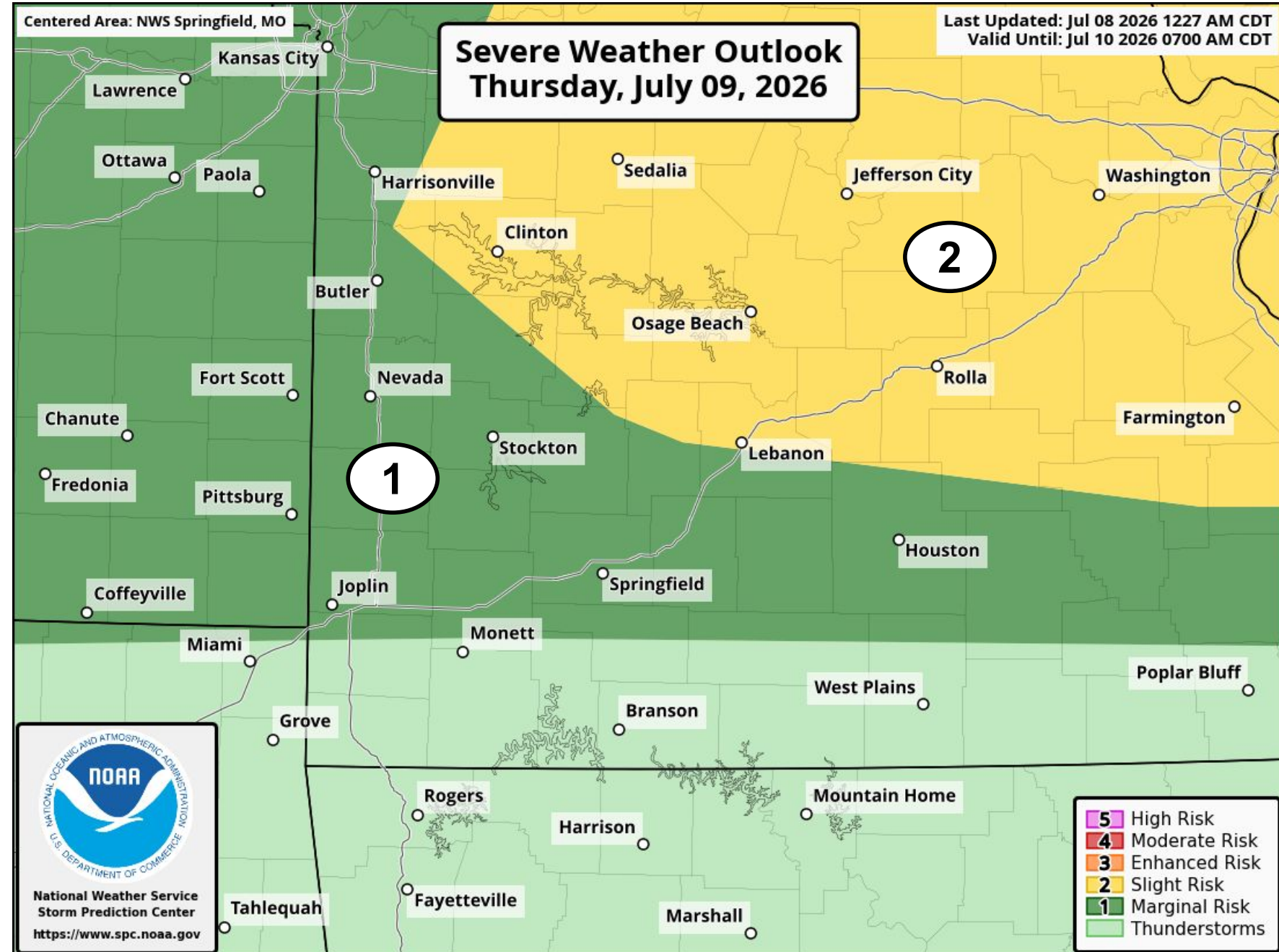


Frequent Lightning



Flash Flooding

Remain weather aware and check the forecast for updates.





Hazard Probabilities Thursday

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Damaging Winds are the Primary Hazard



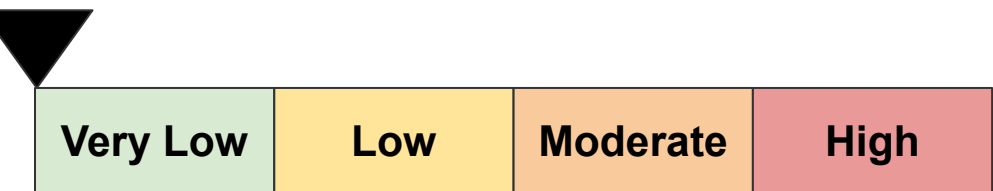
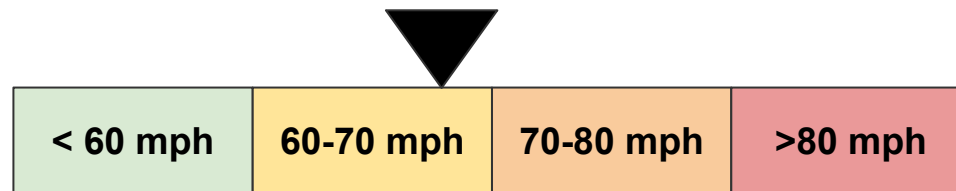
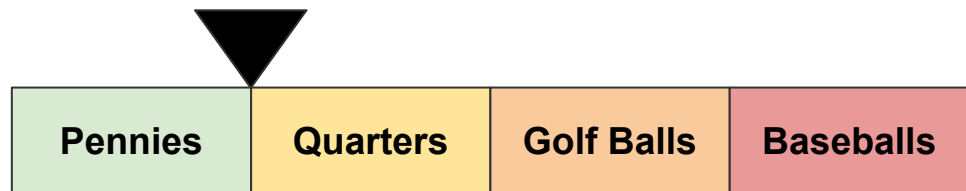
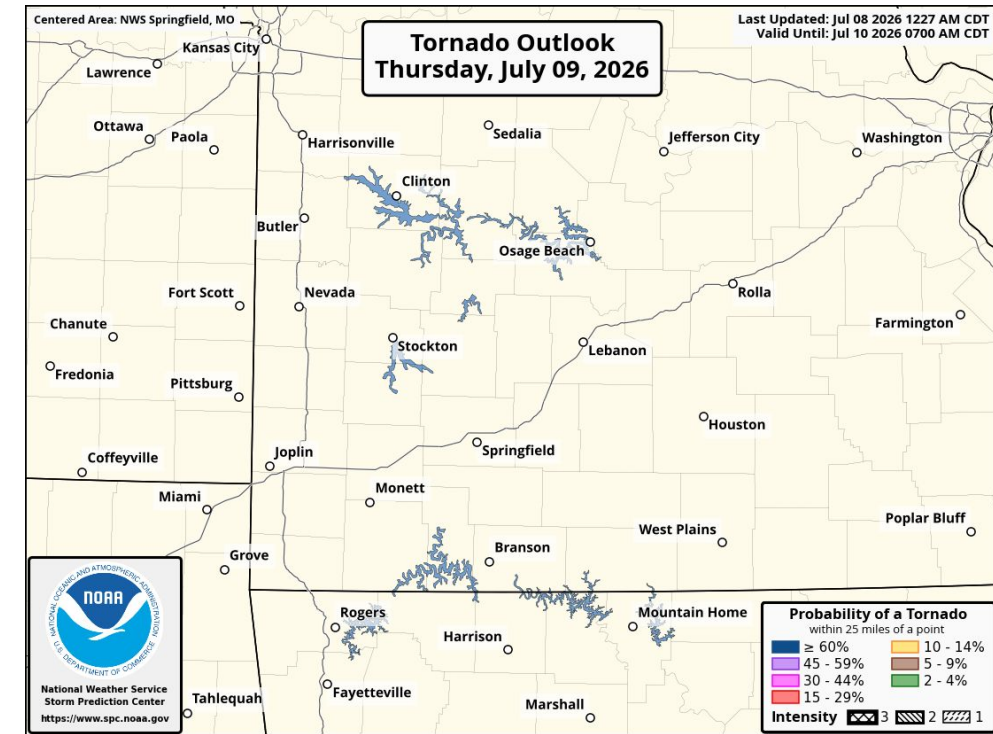
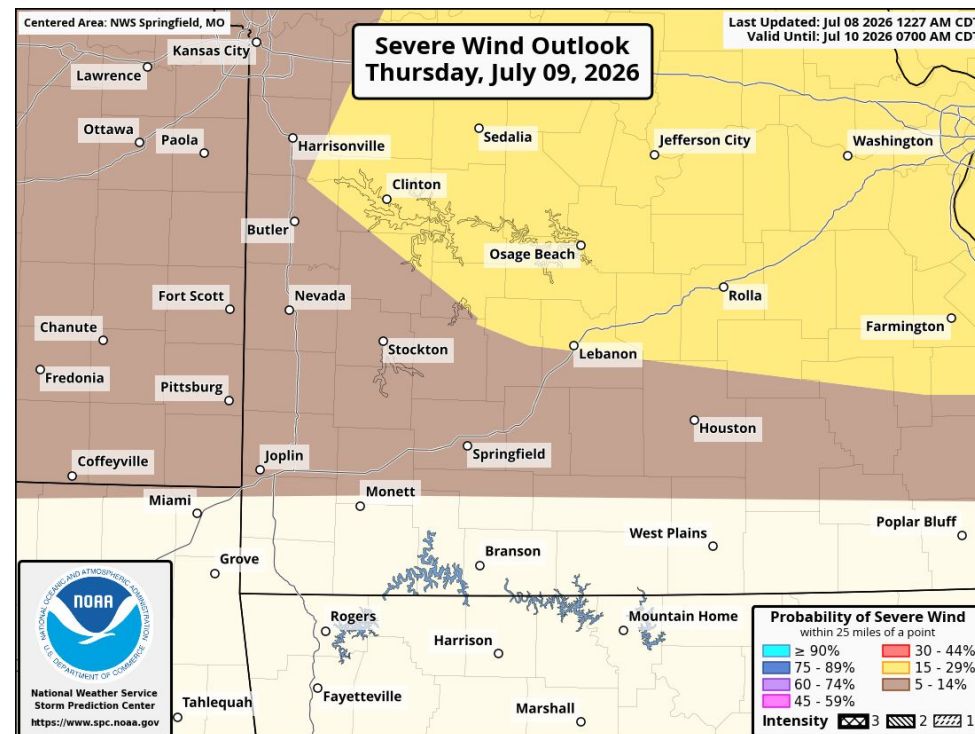
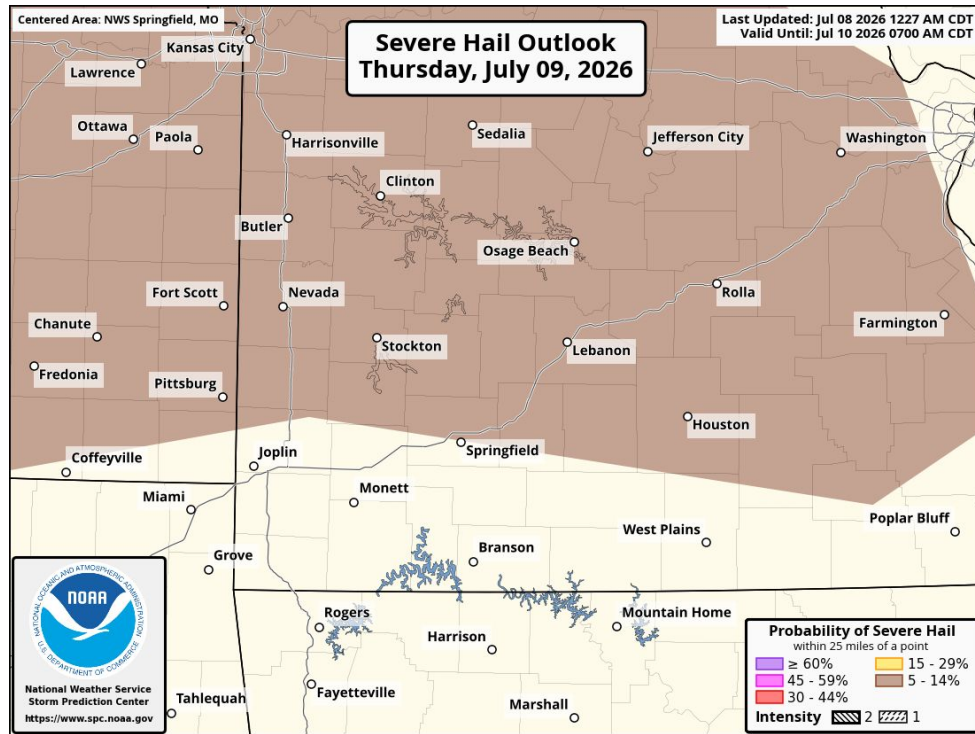
Hail Probability



Wind Probability



Tornado Probability





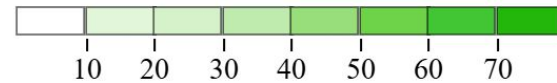
Thursday Rain Timeline

July 8, 2026
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Severe Overnight Thursday into Friday

Probability of Precipitation (%) Forecast

	7/9 Thu												7/10 Fri											
	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am
Bolivar	10	5	5	25	20	5	5	40	40	40	40	40	40	45	45	45	45	45	45	20	20	20	20	20
Branson	5	0	5	5	15	20	20	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10
Fort Leonard Wood	20	35	25	20	30	15	25	50	50	50	50	50	50	55	55	55	55	55	55	30	30	30	30	30
Joplin	0	0	0	0	0	10	5	5	5	5	5	5	5	20	20	20	20	20	20	15	15	15	15	15
Lebanon	20	20	25	30	35	15	10	45	45	45	45	45	45	50	50	50	50	50	50	25	25	25	25	25
Monett	5	0	0	5	5	5	10	10	10	10	10	10	10	20	20	20	20	20	20	15	15	15	15	15
Mountain Grove	10	10	35	40	40	15	5	30	30	30	30	30	30	15	15	15	15	15	15	20	20	20	20	20
Nevada	10	15	25	10	5	0	5	40	40	40	40	40	40	50	50	50	50	50	50	20	20	20	20	20
Osage Beach	35	10	10	30	30	30	10	55	55	55	55	55	55	60	60	60	60	60	60	30	30	30	30	30
Pittsburg, KS	5	5	10	0	5	5	0	15	15	15	15	15	15	30	30	30	30	30	30	25	25	25	25	25
Rolla	15	15	5	5	20	30	20	65	65	65	65	65	65	55	55	55	55	55	55	30	30	30	30	30
Springfield	5	0	5	15	20	15	5	35	35	35	35	35	35	30	30	30	30	30	30	20	20	20	20	20
Warsaw	25	10	35	15	10	20	5	60	60	60	60	60	60	60	60	60	60	60	60	25	25	25	25	25
West Plains	5	20	10	25	25	40	35	20	20	20	20	20	20	10	10	10	10	10	10	10	10	10	10	10





Severe Storms Possible Friday

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Key Message:

Afternoon thunderstorms and storm clusters may be capable of marginally severe wind gusts and hail, along with lightning and flash flooding that will compromise outdoor safety.



60 mph Wind Gusts



Hail up to Quarters

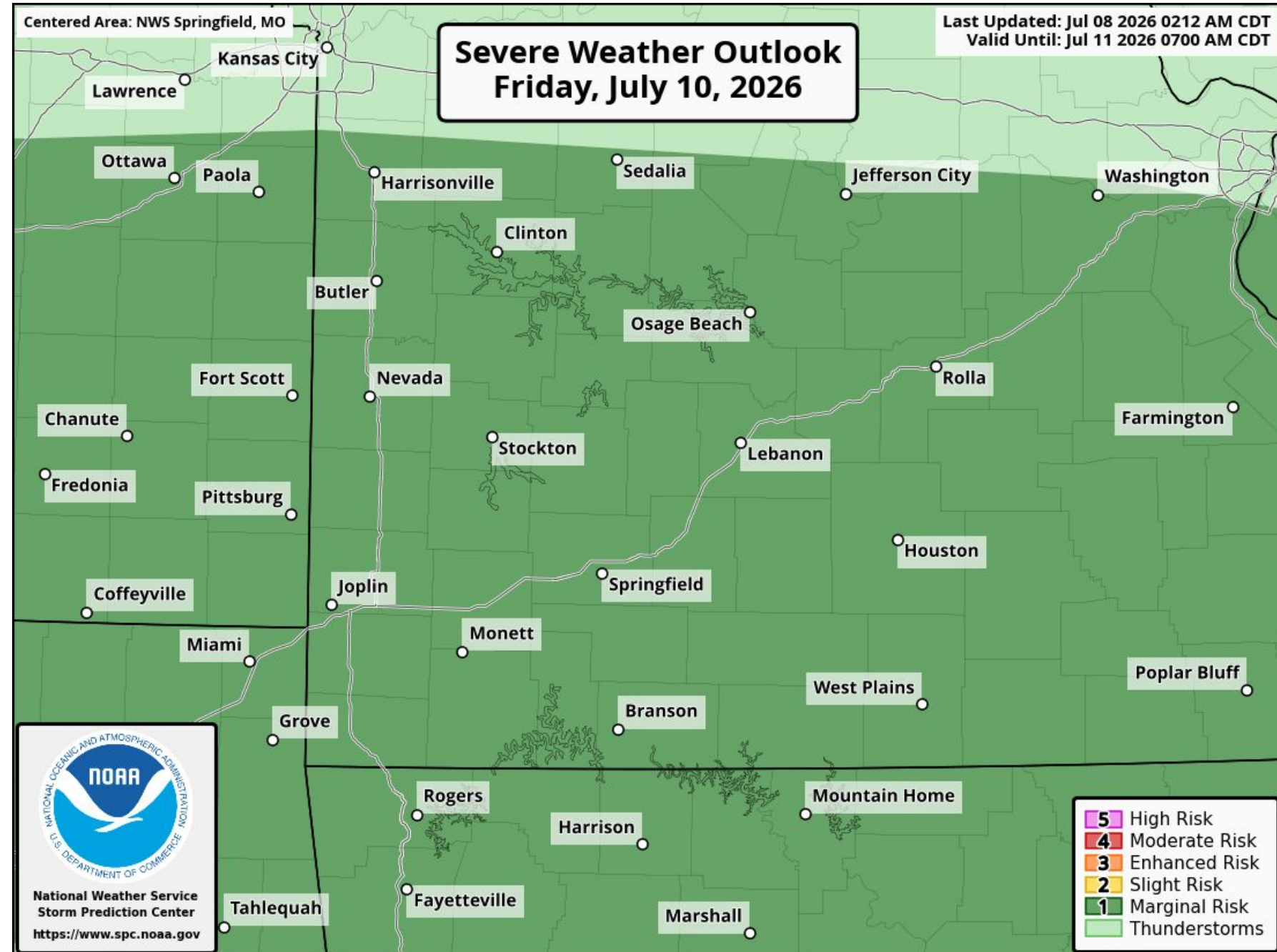


Frequent Lightning



Flash Flooding

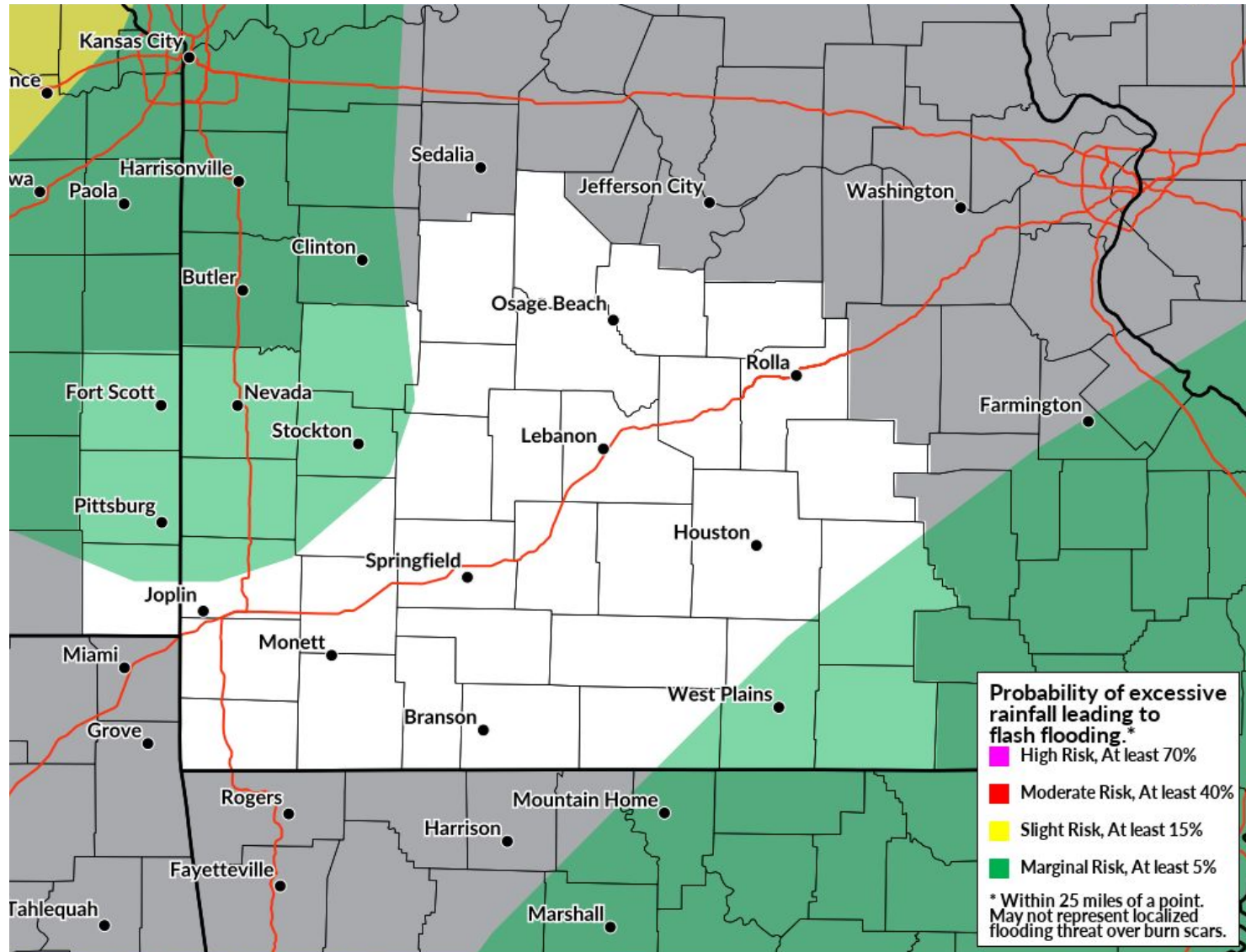
Remain weather aware and check the forecast for updates.



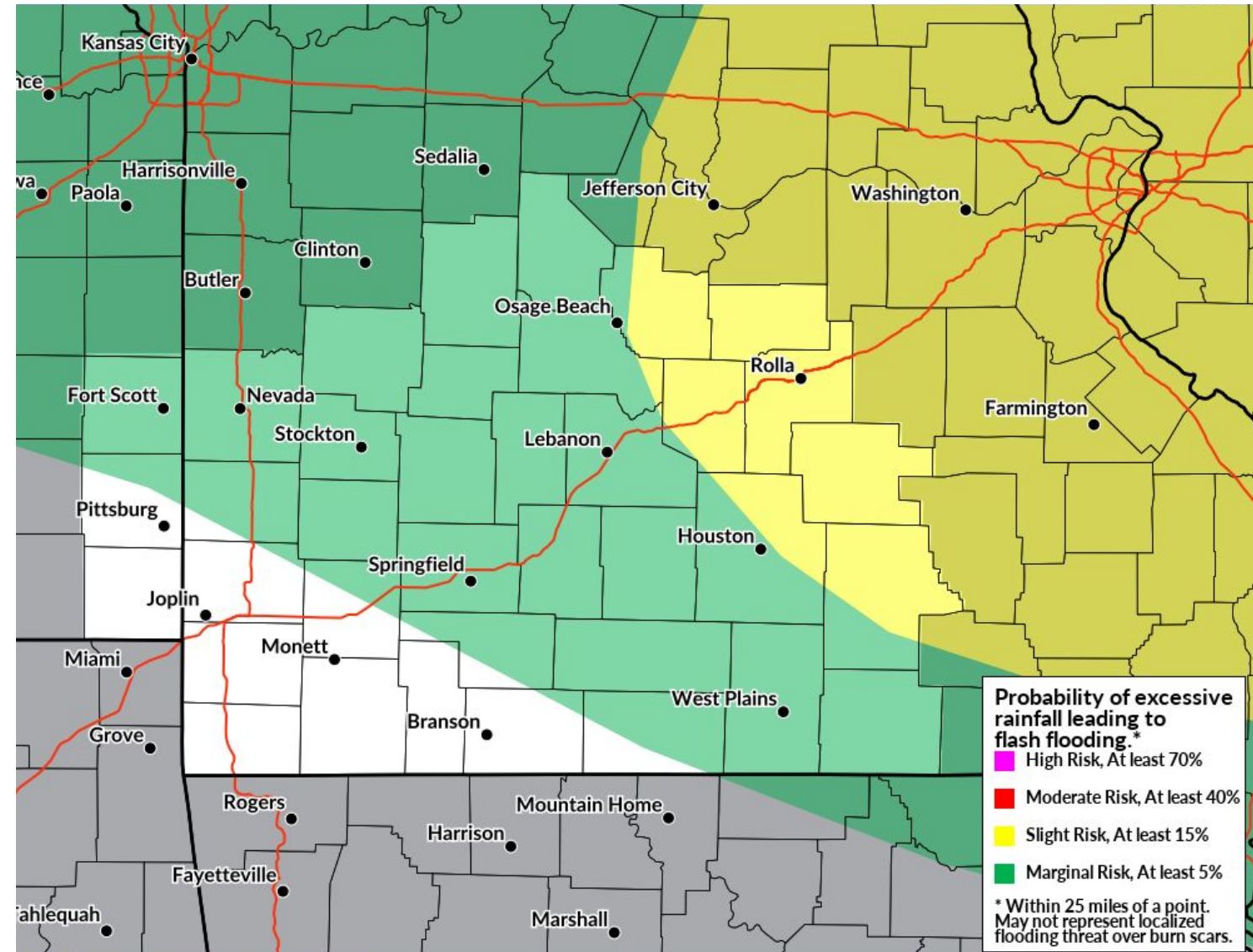


Excessive Rainfall Outlook

July 8, 2026
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Wednesday



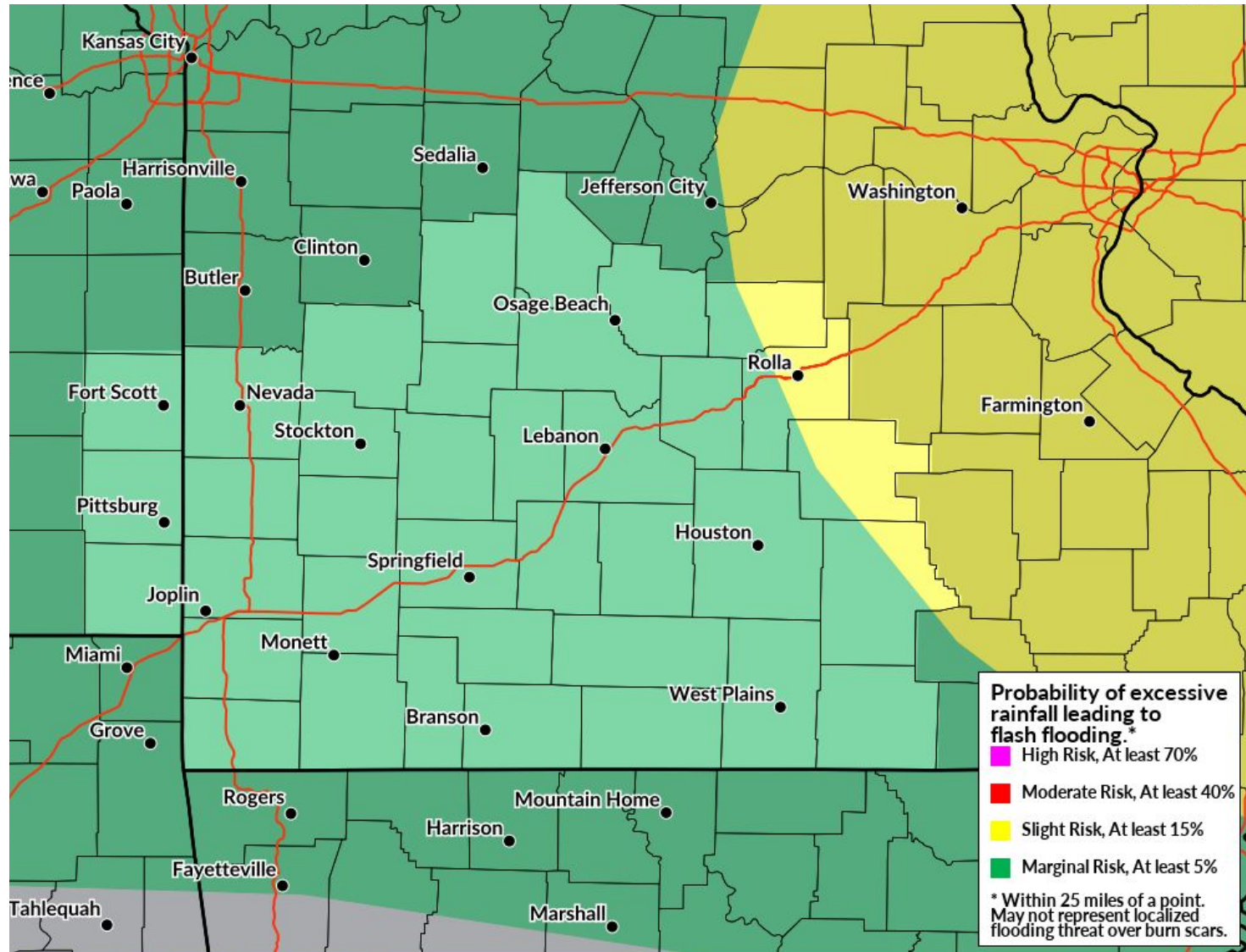
Thursday



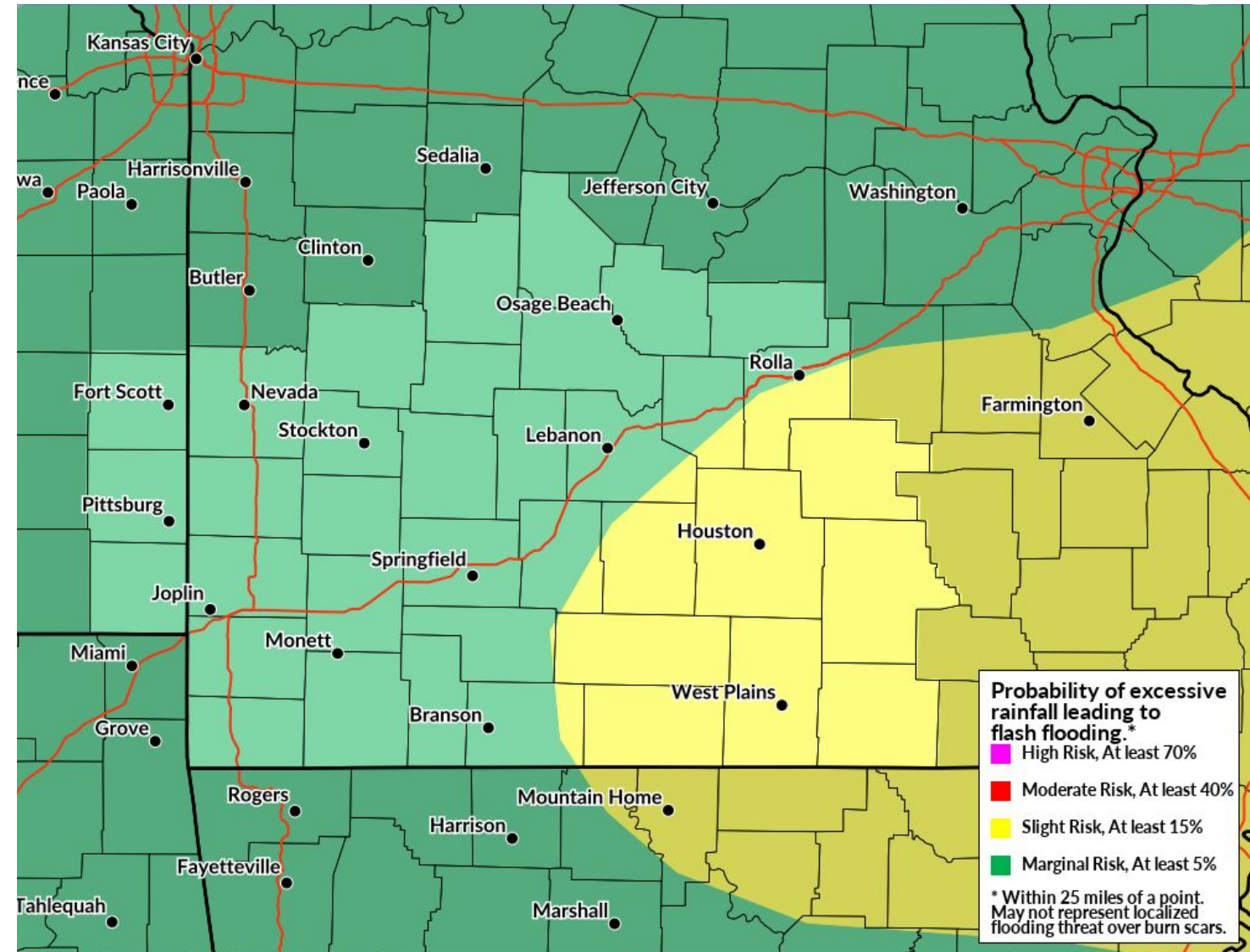


Excessive Rainfall Outlook

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Friday



Saturday



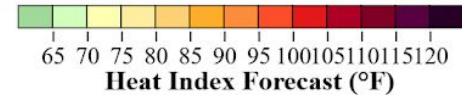
Heat Index Forecast

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Thursday & Friday

Heat Index (°F) Forecast

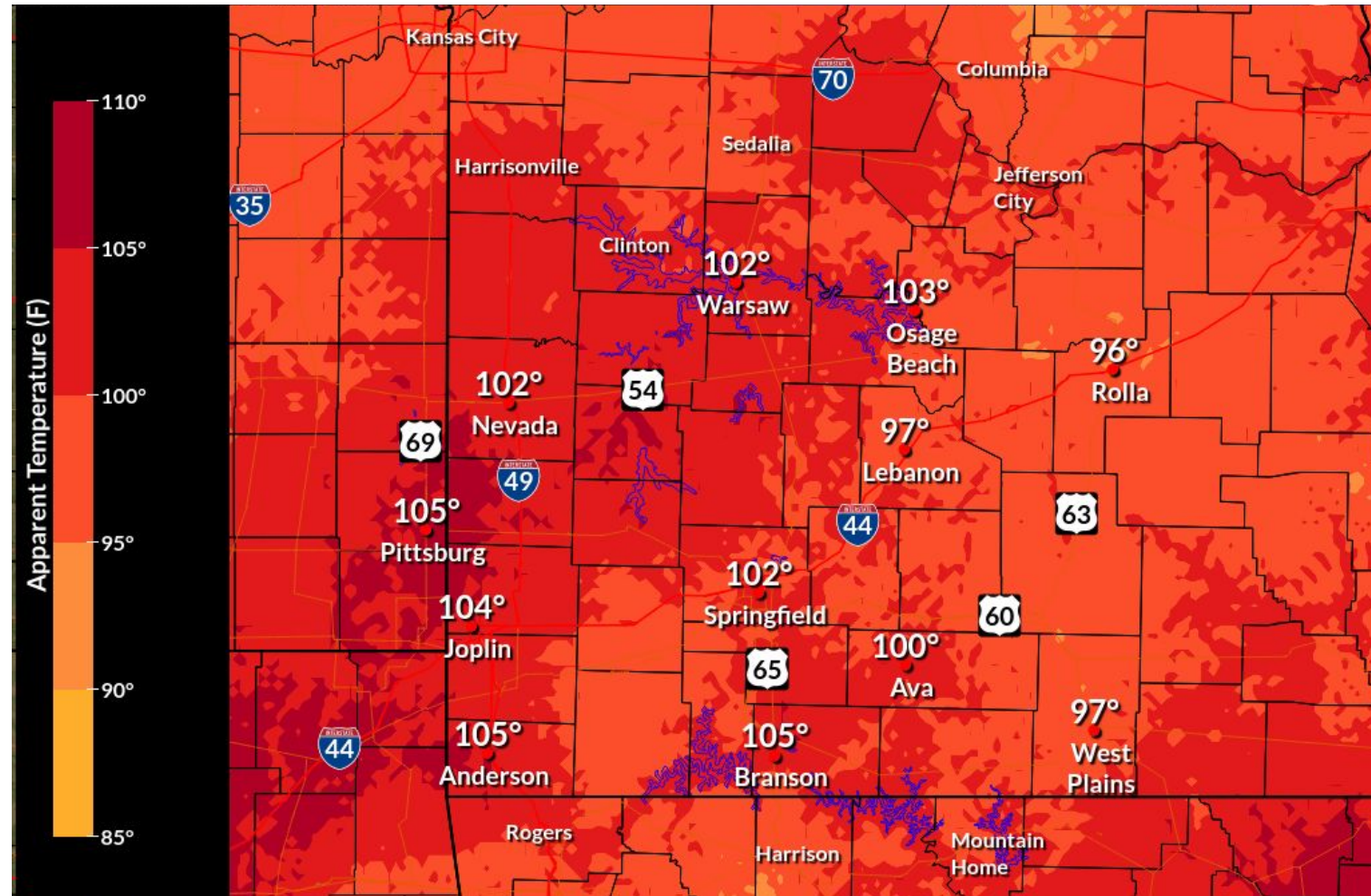
	7/9 Thu															7/10 Fri																									
	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	
Warsaw	76	79	88	93	96	99	101	102	103	103	103	103	98	92	86	83	79	78	77	77	76	75	74	74	75	77	85	88	94	95	98	99	99	98	98	96	93	87	79	78	
Osage Beach	76	79	90	94	96	98	101	101	102	103	101	103	99	93	87	84	83	79	78	78	77	76	75	75	76	78	85	88	94	96	98	99	99	99	99	99	96	93	87	79	78
Rolla	75	78	87	91	91	93	94	94	95	94	93	92	86	78	77	76	76	76	75	75	74	73	73	73	74	76	79	85	89	90	93	93	93	93	93	93	90	86	78	76	75
Nevada	77	83	89	92	95	99	100	100	102	101	101	100	94	90	88	86	84	83	79	78	77	76	75	75	76	78	85	88	91	94	95	97	97	97	97	96	93	90	86	79	78
Fort Leonard Wood	75	78	89	90	94	95	96	96	95	96	95	91	88	84	78	77	77	77	76	76	75	74	74	74	75	77	84	87	90	93	94	96	96	94	94	91	88	79	77	76	
Lebanon	75	78	88	91	95	96	97	96	96	97	94	92	87	83	78	77	77	77	76	76	75	74	74	74	75	77	83	86	91	92	95	95	95	94	93	90	86	78	76	75	
Bolivar	76	78	87	93	96	99	101	101	102	103	101	98	94	89	85	83	82	79	78	77	76	75	75	75	76	78	84	88	94	95	98	98	98	98	98	96	94	88	79	77	76
Pittsburg, KS	77	83	90	92	97	98	102	102	103	105	102	101	97	93	90	88	87	85	84	82	78	77	76	76	77	82	86	90	93	96	98	100	100	100	100	99	97	93	89	85	84
Springfield	76	78	90	92	96	97	100	100	100	100	99	96	94	89	85	83	82	79	78	77	76	75	75	75	77	82	86	90	94	96	98	97	97	97	97	96	93	90	85	79	78
Mountain Grove	74	76	86	90	92	94	96	96	96	94	94	91	84	77	76	76	76	77	77	76	75	74	74	74	75	77	84	87	90	92	94	94	94	94	93	93	90	86	78	76	75
Joplin	79	86	90	94	97	100	101	103	103	104	101	101	98	93	90	87	86	85	84	83	79	78	77	77	78	84	88	91	95	97	99	100	100	100	100	97	93	88	85	84	
Monett	77	79	89	93	93	95	98	97	97	97	96	93	92	88	84	82	82	79	78	77	76	75	75	75	77	82	86	89	90	93	94	95	95	95	95	94	91	88	83	78	77
West Plains	74	78	88	90	95	96	97	97	96	95	96	90	85	82	78	77	77	77	76	76	75	74	74	74	76	79	86	89	92	94	96	96	96	96	95	94	91	87	79	77	76
Branson	77	86	95	99	101	103	105	104	104	103	102	101	95	90	87	85	85	85	84	83	79	78	78	78	83	87	92	95	99	101	103	103	103	103	102	102	99	96	91	86	84



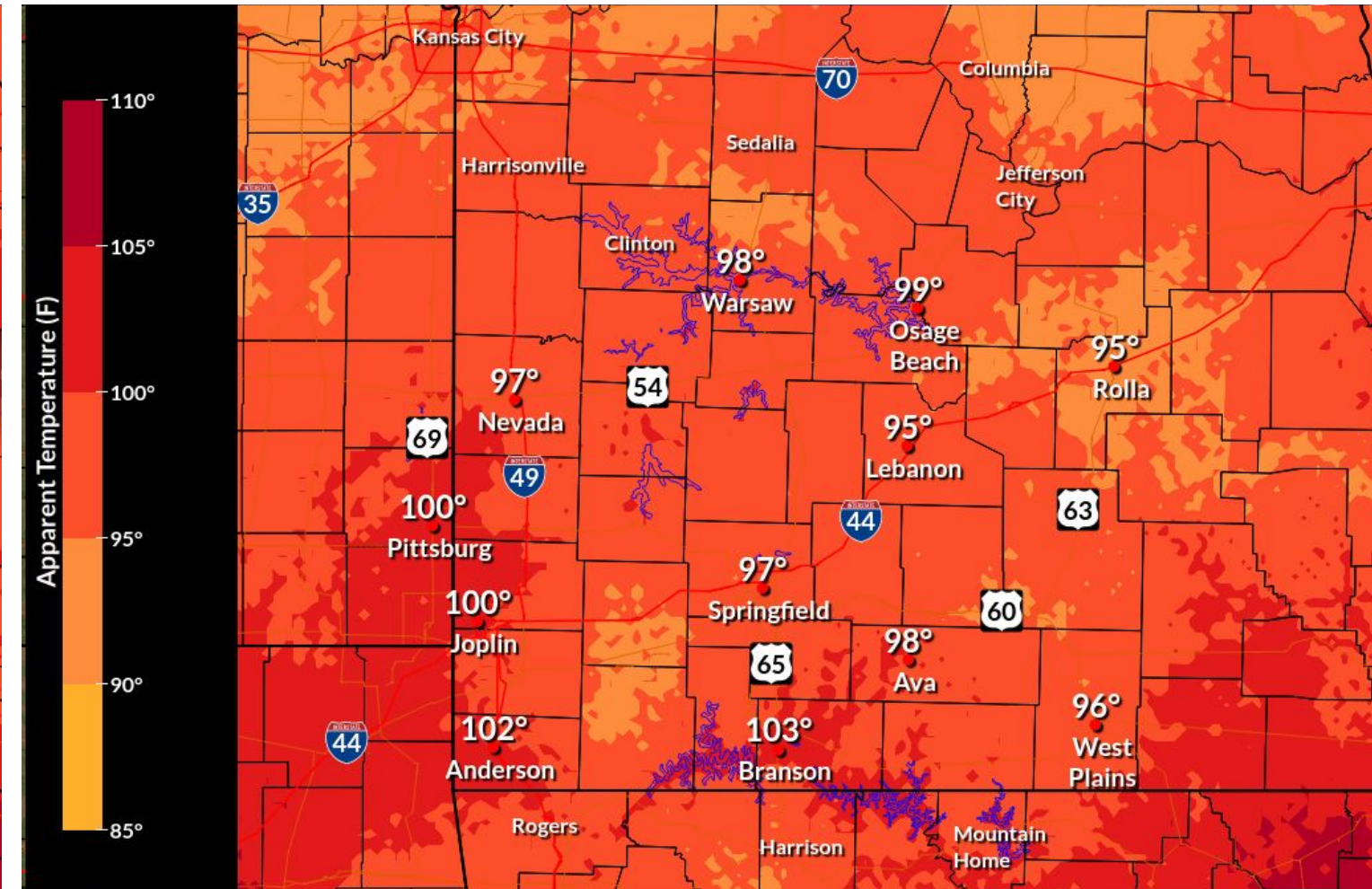


Maximum Heat Index

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Max Heat Index Thursday

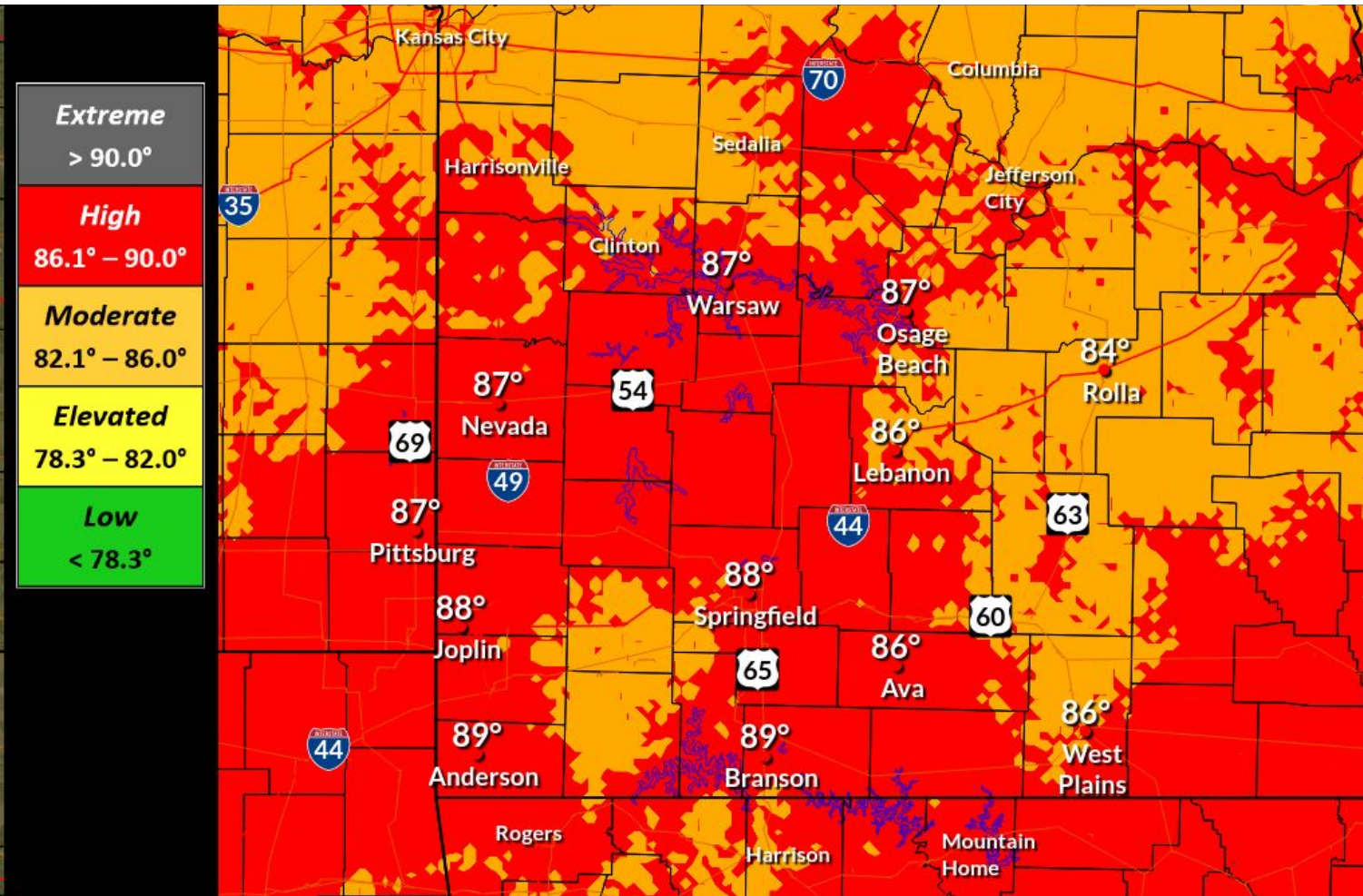


Max Heat Index Friday

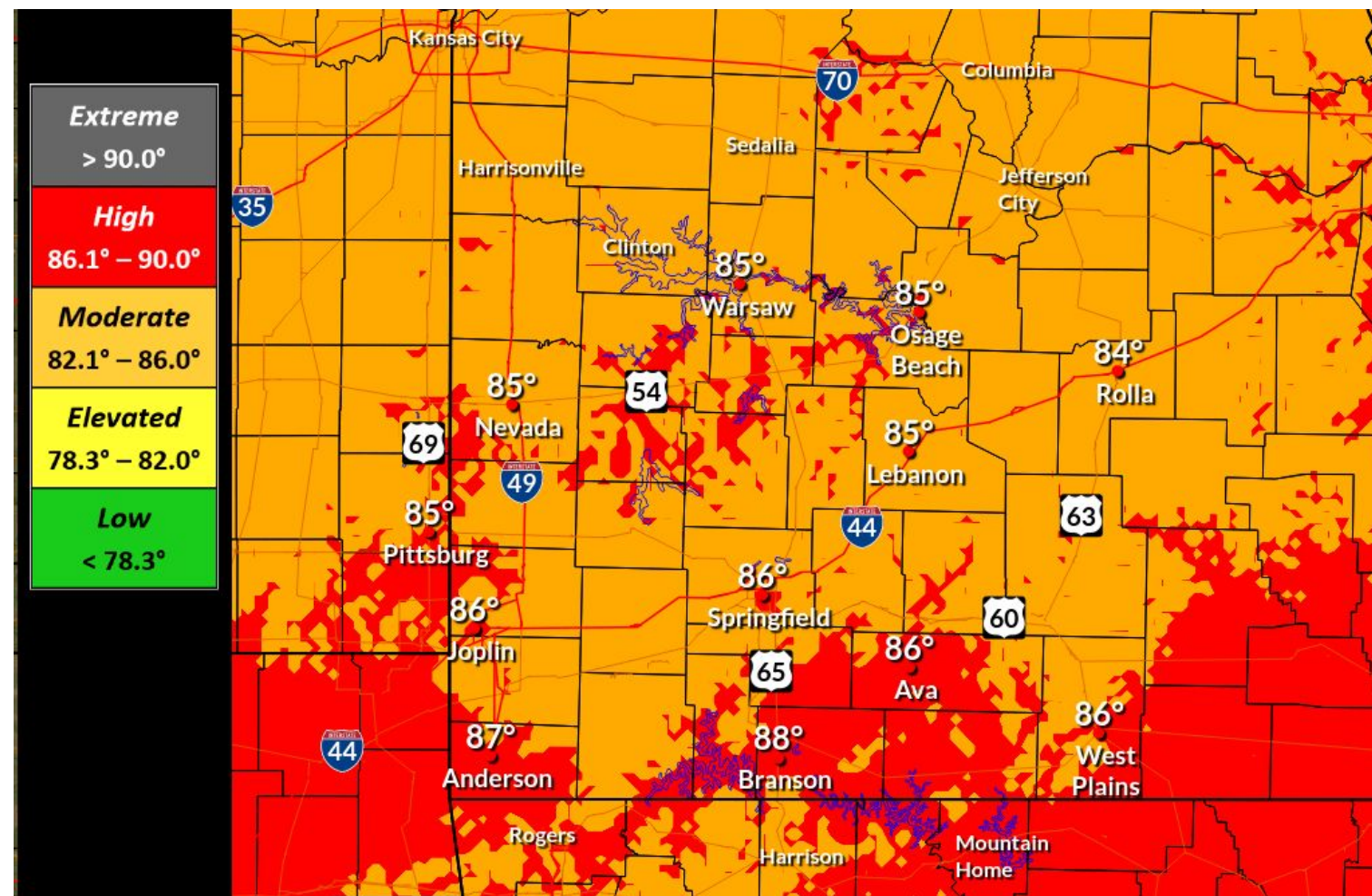


Maximum Wet Bulb Globe Temperature

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Maximum WBGT Thursday

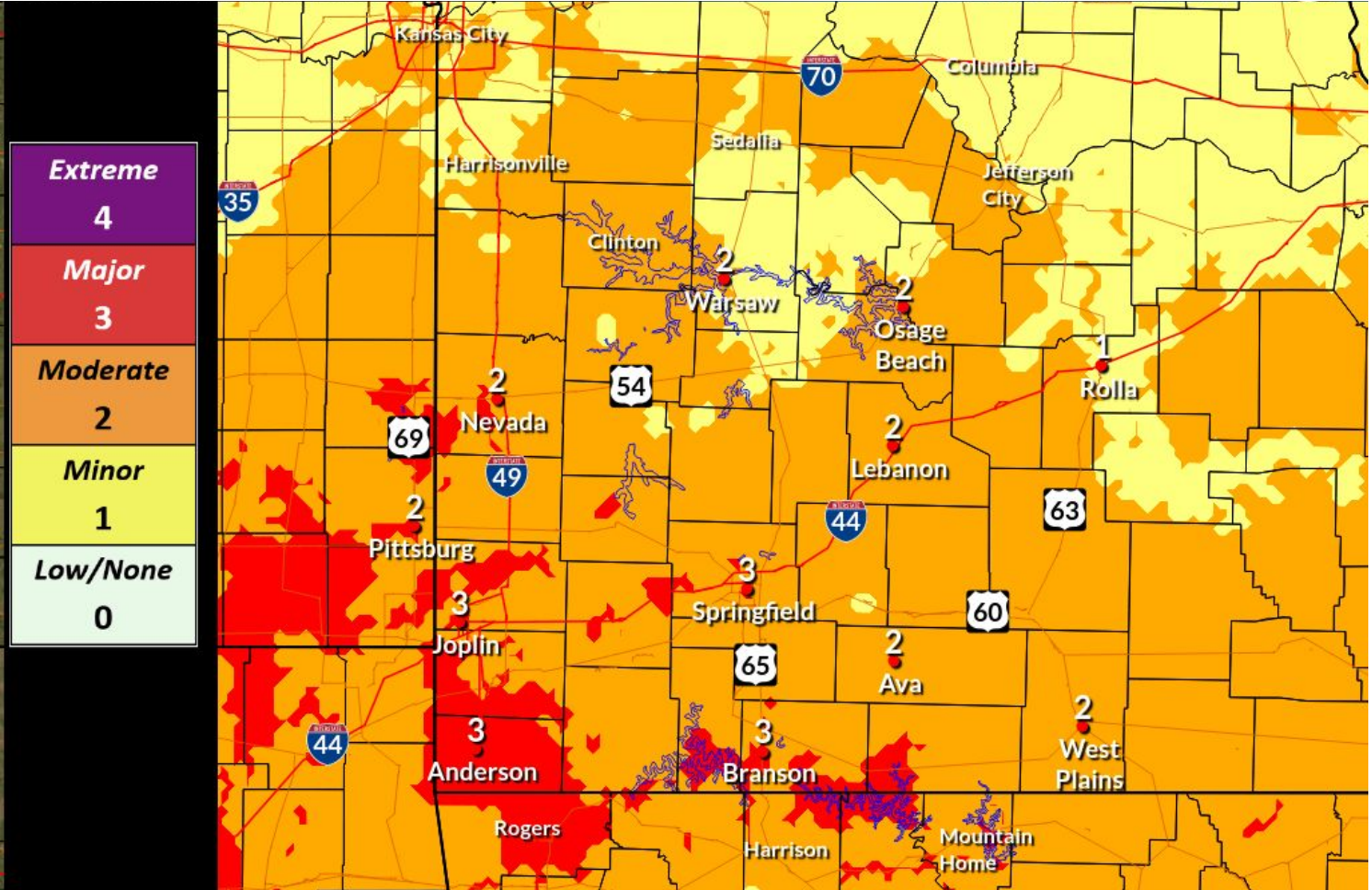


Maximum WBGT Friday

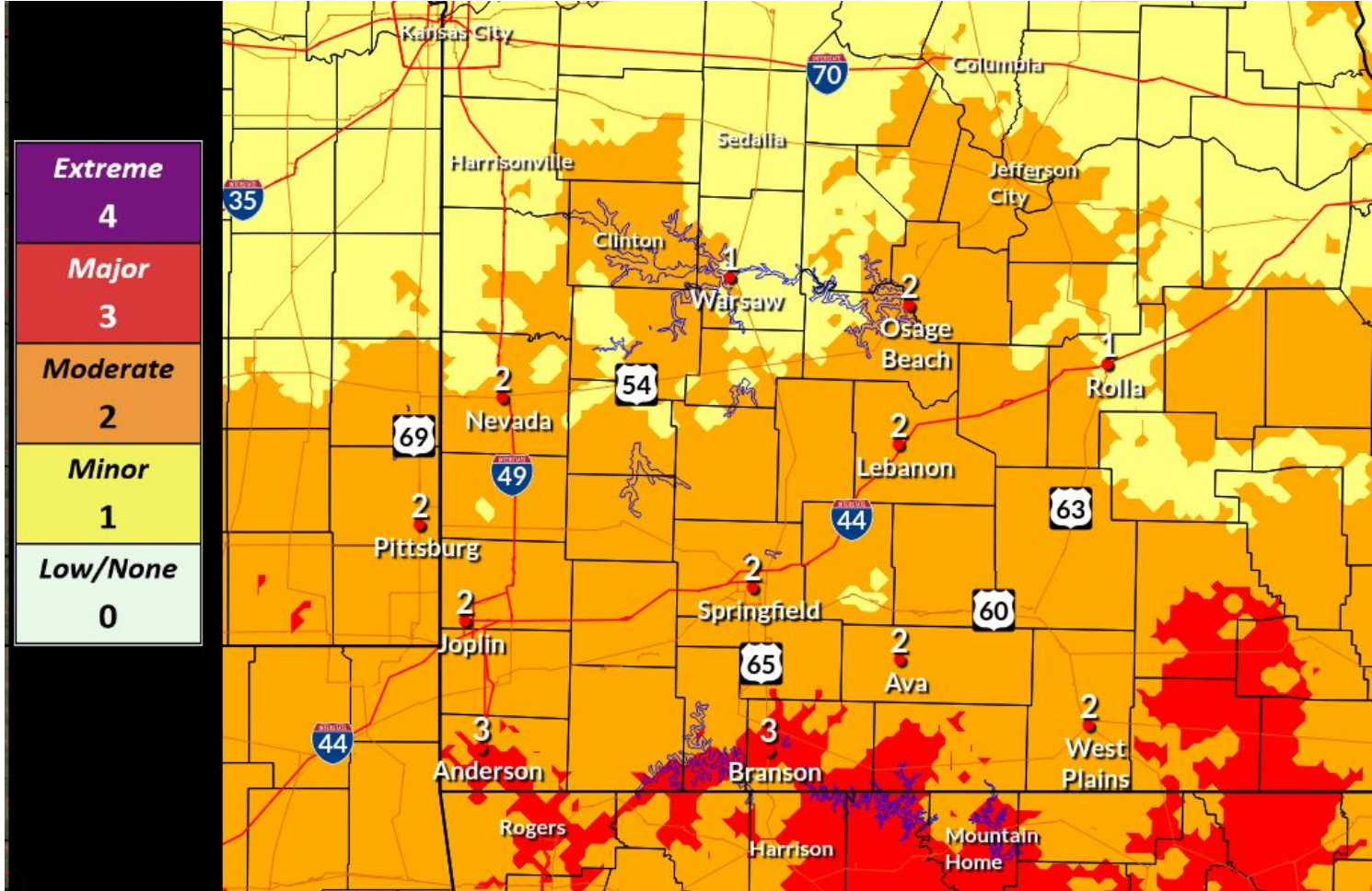


Maximum NWS HeatRisk

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HeatRisk Thursday



HeatRisk Friday



Understanding Heat Index and WBGT

July 8, 2026
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Heat Index

Classification	Heat Index (°F)	Effect on the Body
Caution	80 to 89	Fatigue possible with prolonged exposure and/or physical activity.
Extreme Caution	90 to 102	Heat stroke, heat cramps or heat exhaustion possible with prolonged exposure and/or physical activity.
Danger	103 to 124	Heat cramps or heat exhaustion likely, and heat stroke possible with prolonged exposure and/or physical activity.
Extreme Danger	125 or higher	Heatstroke highly likely with continued exposure.

Heat Index is the most commonly used and understood heat tool by the general public. The higher the values the hotter it's going to feel and the higher the threat for heat related illnesses. It's calculated from the temperature and relative humidity. Heat Index assumes you are in the shade. The Heat Index or the "Apparent Temperature" is an accurate measure of how hot it really feels when the Relative Humidity (RH) is added to the actual air temperature.

Wet Bulb Globe Temperature (WBGT)

Threat Level	WBGT (°F)	Effects	Call to Actions
Low	< 78.3	Normal activities.	Take at least 3-5 minutes of breaks each hour if working or exercising in direct sunlight.
Elevated	78.3 – 82.0	Working or exercising in direct sunlight will stress your body after 45 minutes.	Take at least 15 minutes of breaks each hour if working or exercising in direct sunlight.
Moderate	82.1 – 86.0	Working or exercising in direct sunlight will stress your body after 30 minutes.	Take at least 30 minutes of breaks each hour if working or exercising in direct sunlight.
High	86.1 – 90.0	Working or exercising in direct sunlight will stress your body after 20 minutes.	Take at least 40 minutes of breaks each hour if working or exercising in direct sunlight.
Extreme	> 90.0	Working or exercising in direct sunlight will stress your body after 15 minutes.	Take at least 45 minutes of breaks each hour if working or exercising in direct sunlight.

Wet Bulb Globe Temperature (WBGT) is a measure of the heat stress in direct sunlight, which takes into account: temperature, humidity, wind speed, sun angle and cloud cover (solar radiation). This differs from the heat index, which takes into consideration temperature and humidity and is calculated for shady areas. a particularly effective indicator of heat stress for active populations such as outdoor workers and athletes. Always check with local officials for appropriate actions and activity levels. Experienced heat stress will depend upon duration and intensity of activity and personal health and vulnerability.



Understanding NWS HeatRisk

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NWS HeatRisk		
Category		Risk of Heat-Related Impacts
0	Low/None	Little to no risk from expected heat.
1	Minor	Primarily affects individuals extremely sensitive to heat, especially when outdoors without effective cooling and/or adequate hydration.
2	Moderate	Affects most individuals sensitive to heat, especially when outdoors without effective cooling and/or adequate hydration. Impacts possible in some health systems and in heat-sensitive industries.
3	Major	Affects anyone without effective cooling and/or adequate hydration. Impacts likely in some health systems, heat-sensitive industries, and infrastructure.
4	Extreme	Rare and/or long duration extreme heat with little to no overnight relief. Affects anyone without effective cooling and/or adequate hydration. Impacts likely in most health systems, heat-sensitive industries, and infrastructure.

The NWS HeatRisk is an experimental color-numeric-based index that provides a forecast risk of heat-related impacts to occur over a 24-hour period. HeatRisk takes into consideration: How unusual the heat is for the time of the year. The duration of the heat including both daytime and nighttime temperatures. If those temperatures pose an elevated risk of heat-related impacts based on data from the CDC.



Additional Resources

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For Additional Information

- [NWS Springfield Webpage](#)
- [IDSS Point Forecasts](#)
- [Graphical Hazardous Weather Outlook](#)
- [CPC Day 8 to 14 Risk of Hazardous Temperatures](#)
- [Week 2 Global Probabilistic Extreme Forecast Tool](#)
- [Wet Bulb Globe and Heat Index Forecasts](#)
- [Experimental HeatRisk Forecast](#)
- [Wet Bulb Globe Temperature and Heat Index Information](#)
- [Missouri Cooling Centers Map](#)
- [NWS Heat Safety](#)
- [NWS Heat Tools Reference Sheet](#)

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SLIGHT RISK

Scattered severe storms possible.

Short-lived and not widespread -- isolated intense storms possible.

Plan ahead if you have outdoor plans and have a way to get NWS warnings.

weather.gov |

**TURN AROUND,
DON'T DROWN.®**

WHEN FLOODED
TURN AROUND
DON'T
DROWN

Ready

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