

Indiana State Fair

6am Weather Forecast

**Wednesday,
Aug 11, 2021**

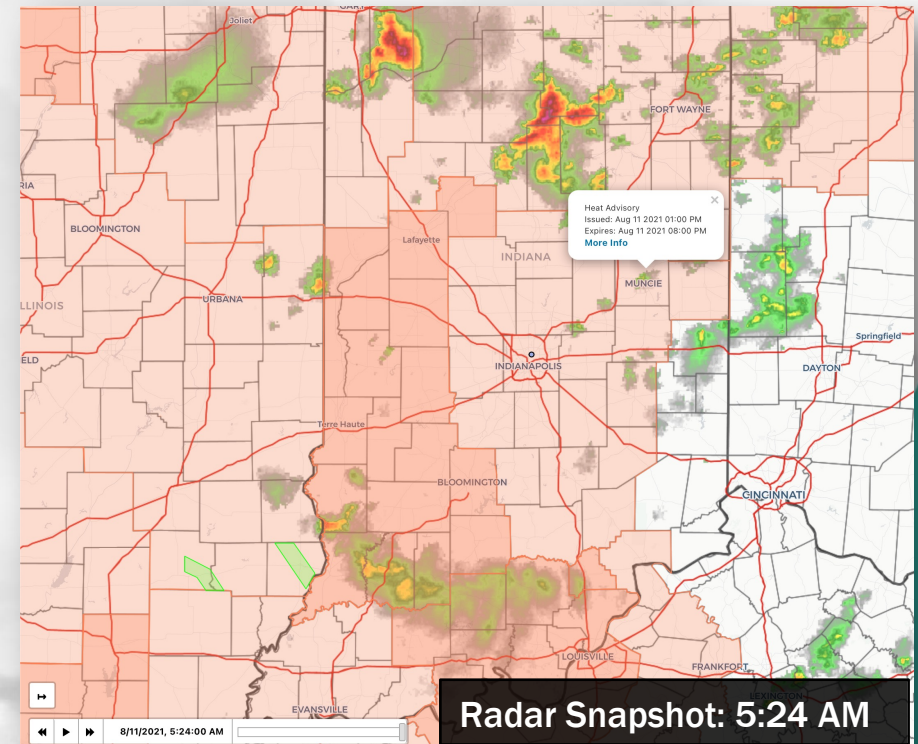


| TIME | TEMP | ICON | RAIN % | HOURLY RAIN | TOTAL RAIN | HEAT INDEX | WIND |
|------|------|------|--------|-------------|-------------|------------|--------------------|
| 6AM | 77F | | 10% | 0.0 – 0.2" | 0.0 – 0.25" | 77F | SSW 7 Gust: 13 |
| 7AM | 77F | | 20% | 0.0 – 0.2" | 0.0 – 0.3" | 77F | SSW 7 Gust: 13 |
| 8AM | 78F | | 20% | 0.0 – 0.2" | 0.0 – 0.35" | 78F | SSW 8 Gust: 14 |
| 9AM | 79F | | 20% | 0.0 – 0.2" | 0.0 – 0.4" | 83 | WSW 8 Gust: 14 |
| 10AM | 80F | | 20% | 0.0 – 0.2" | 0.0 – 0.45" | 90F | SSW 9 Gust: 20 |
| 11AM | 81F | | 0% | 0.0 – 0.0" | 0.0 – 0.45" | 95F | SSW 10 Gust: 20 |
| 12PM | 83F | | 0% | 0.0 – 0.0" | 0.0 – 0.45" | 98F | SSW 10 Gust: 20 |
| 1PM | 87F | | 0% | 0.0 – 0.0" | 0.0 – 0.45" | 100F | SW 12 Gust: 25 |
| 2PM | 89F | | 0% | 0.0 – 0.0" | 0.0 – 0.45" | 101F | SW 12 Gust: 25 |
| 3PM | 91F | | 10% | 0.0 – 0.3" | 0.0 – 0.55" | 102F | SW 12 Gust: 25 |

Today's Synopsis: Data continues to perform poorly this morning as the threat for showers/thunderstorms have decreased since the update yesterday. Still looking at isolated to scattered chances this morning (around 20%), however, the bulk of activity is expected to remain to the north. Lightning would be possible with any storm. Isolated activity will be possible this afternoon/ evening as well, however, coverage will be very limited with mostly dry conditions expected during the day. IF* a storm can form, it will have the potential to be strong in nature with strong wind gusts, hail, heavy rain, and lightning. With a drier forecast in store, this is setting up for Heat problems as heating in the atmosphere can be maximized in the afternoon. Heat Index values in the lower 100's F will once again be possible this afternoon. Winds will also be a bit breezy with SW wind around 10 – 15 MPH and gusts near 25 MPH possible.

Hazardous Weather Alerts:

Heat Advisory





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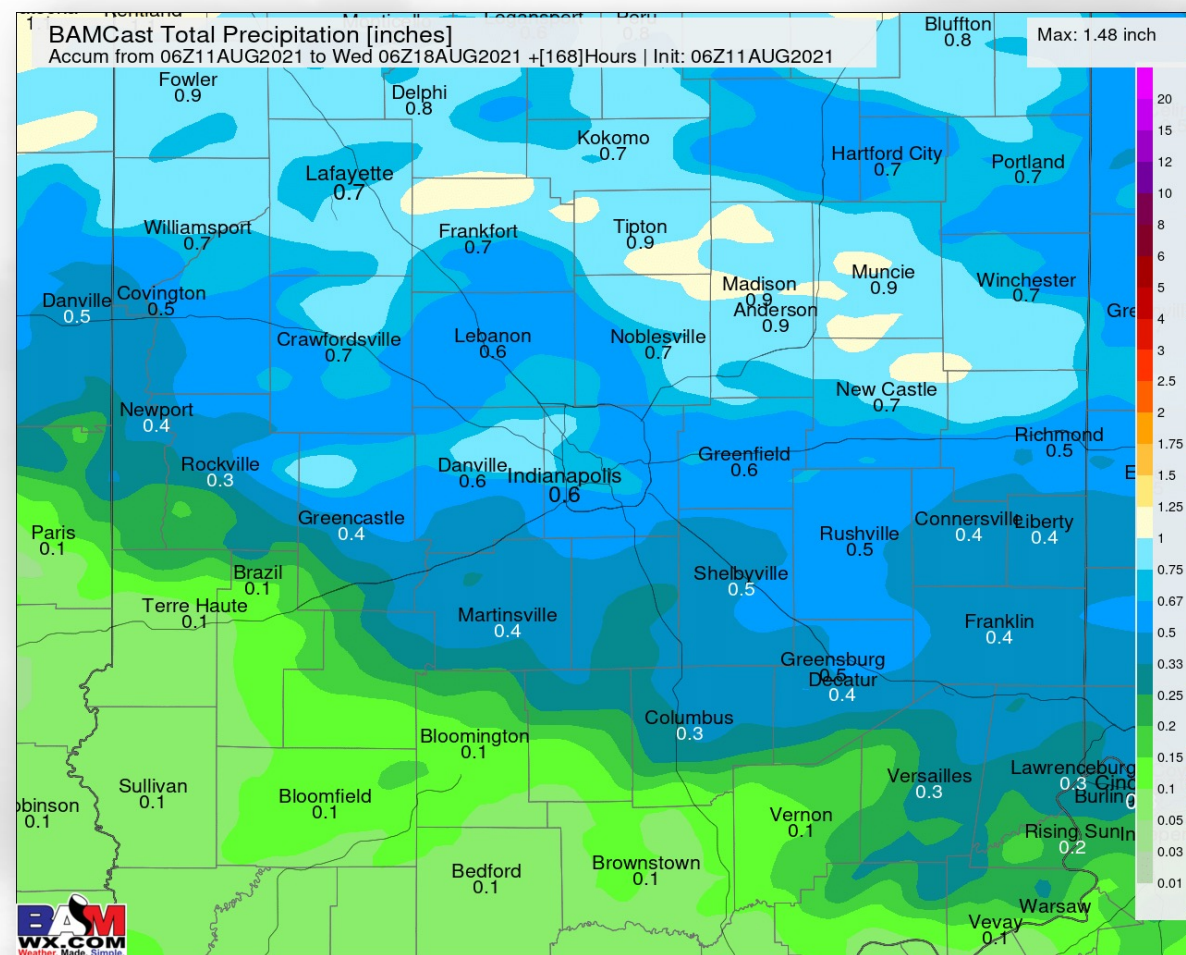
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5 Day Forecast Discussion: Getting into tomorrow, we will need to watch for a dying cluster of storms from the north that could approach the Indy metro area around 7 AM, although confidence is low on how exactly how this evolves in the AM hours of tomorrow. Outflow from the early AM storms in the morning could set the stage for scattered-to-isolated thunderstorms in the afternoon hours of tomorrow. Some activity may be possible in the AM hours of Friday, with a better potential in the afternoon as a cold front swings through. Stronger storms and heavy rain will be possible as this swings through. The cold front passes on Friday setting the stage for cooler, drier, and less humid weather into the weekend. However, today, tomorrow, and Friday offers up the opportunity for heat index values in the afternoon in the upper 90's F to even lower 100's F.

7-Day Rain Map:



| Date | Temp | Forecast Icon | Precip % | Rain | Relative Humidity | Wind |
|----------------|---------|---------------|------------------|-------------|-------------------|-----------------------|
| 08-11-2021 Wed | 75° 91° | | 20% am 20% pm | 0"-0.75" | 62% | SSW 10mph G: 15mph |
| 08-12-2021 Thu | 77° 94° | | 7% am 36% pm | 0"-0.16" | 57% | WSW 9mph G: 15mph |
| 08-13-2021 Fri | 74° 87° | | 29% am 55% pm | 0.09"-0.57" | 69% | W 6mph G: 12mph |
| 08-14-2021 Sat | 62° 81° | | 0% am 0% pm | 0"-0" | 49% | NE 6mph G: 10mph |
| 08-15-2021 Sun | 59° 81° | | 0% am 0% pm | 0"-0" | 47% | ENE 7mph G: 9mph |




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
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Long Range Forecast Discussion & Scenarios: The next few days will continue our long-advertised heat and humidity. Heat index values of upper 90s to near 100F will be possible Today and Thursday. Right now we anticipate a cold front to pass through the area mid-day Friday and bring with it a moderation of temperatures, however if the front slows at all that would result in high temps overachieving. Isolated hit and miss shower/t-storm chances continue today and tomorrow before the best chances of precip come Friday with the front. The front will bring a storm threat (some storms could be strong) but then drier and a bit cooler and less humid weather will be ushered in for this weekend. Getting into mid next week, eyes will be on Tropical Storm Fred. While this likely doesn't have a direct impact on us, its exact track can influence the upper air pattern and at the moment poses a drier risk to the forecast.

| TMax  | Low End | Most Likely | High End | Extreme |
|--|---------|-------------|----------|---------|
| Wed 8/11 | 93°F | 94°F | 96°F | 96°F |
| Thu 8/12 | 94°F | 95°F | 96°F | 97°F |
| Fri 8/13 | 87°F | 90°F | 94°F | 97°F |
| Sat 8/14 | 82°F | 84°F | 84°F | 86°F |
| Sun 8/15 | 82°F | 84°F | 85°F | 86°F |
| Mon 8/16 | 84°F | 86°F | 89°F | 89°F |
| Tue 8/17 | 86°F | 88°F | 90°F | 91°F |
| Wed 8/18 | 87°F | 89°F | 91°F | 92°F |
| Thu 8/19 | 87°F | 89°F | 91°F | 92°F |
| Fri 8/20 | 87°F | 89°F | 91°F | 92°F |

| Rain  | Low End | Most Likely | High End | Extreme |
|--|---------|-------------|----------|---------|
| Wed 8/11 | 0" | 0.16" | 0.47" | 0.81" |
| Thu 8/12 | 0" | 0.16" | 0.49" | 0.87" |
| Fri 8/13 | 0.09" | 0.57" | 1.11" | 1.62" |
| Sat 8/14 | 0" | 0" | 0.01" | 0.09" |
| Sun 8/15 | 0" | 0" | 0" | 0.01" |
| Mon 8/16 | 0" | 0" | 0.03" | 0.13" |
| Tue 8/17 | 0" | 0.04" | 0.35" | 0.78" |
| Wed 8/18 | 0" | 0.08" | 0.52" | 0.99" |
| Thu 8/19 | 0" | 0.09" | 0.48" | 0.84" |
| Fri 8/20 | 0" | 0.08" | 0.47" | 0.96" |