



# Indiana State Fair

## 2PM Weather Forecast

### Tuesday, August 17, 2021

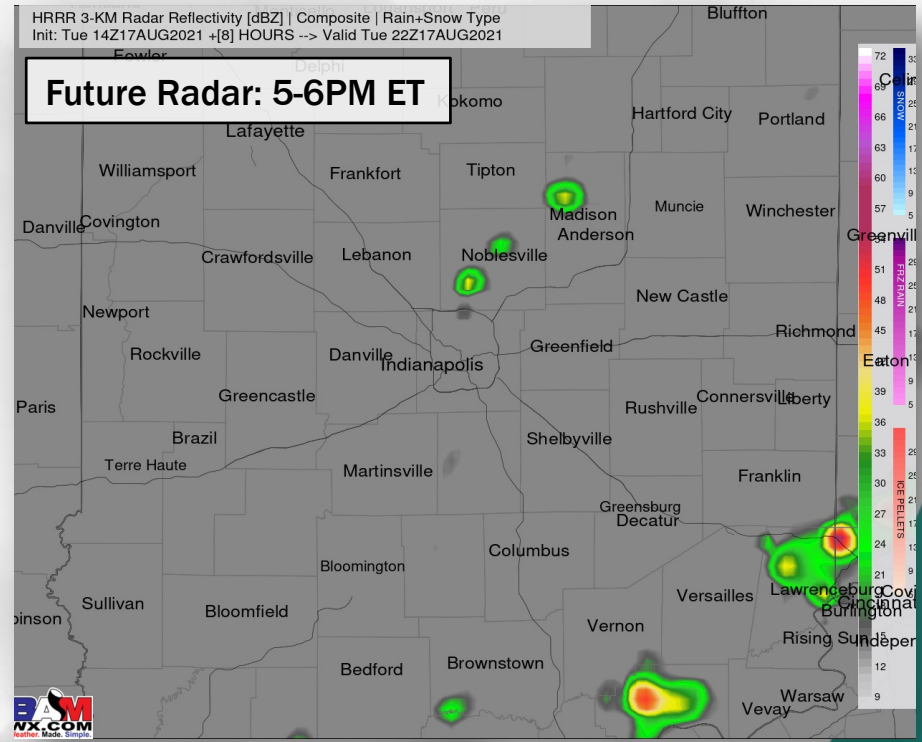


#### Hour by Hour Forecast:

Time	Temp	Forecast Icon	Precip %	Lightning Prob %	Rain Hourly Range	Rain Accum Range	Feels Like	Wind
08-17-2021 Tue 2pm	82°		10%	10%	0"-0.05" Mean: 0"	0"-0.05" Mean: 0"	86°	ESE 4mph G: 6mph
08-17-2021 Tue 3pm	83°		13%	10%	0"-0" Mean: 0"	0"-0.05" Mean: 0"	87°	ESE 4mph G: 6mph
08-17-2021 Tue 4pm	84°		10%	10%	0"-0" Mean: 0"	0"-0.06" Mean: 0"	88°	SE 4mph G: 6mph
08-17-2021 Tue 5pm	84°		15%	10%	0"-0.27" Mean: 0"	0"-0.33" Mean: 0"	88°	SE 5mph G: 7mph
08-17-2021 Tue 6pm	83°		30%	20%	0"-0.43" Mean: 0.03"	0"-0.75" Mean: 0.03"	87°	SE 5mph G: 7mph
08-17-2021 Tue 7pm	82°		30%	20%	0"-0.04" Mean: 0.04"	0"-0.8" Mean: 0.07"	86°	SE 5mph G: 6mph
08-17-2021 Tue 8pm	80°		30%	20%	0"-0.1" Mean: 0.02"	0"-0.9" Mean: 0.09"	83°	SE 4mph G: 6mph
08-17-2021 Tue 9pm	79°		30%	20%	0"-0" Mean: 0.01"	0"-0.91" Mean: 0.1"	82°	ESE 4mph G: 6mph
08-17-2021 Tue 10pm	77°		20%	10%	0"-0" Mean: 0.04"	0"-0.91" Mean: 0.14"	77°	ESE 3mph G: 5mph
08-17-2021 Tue 11pm	75°		17%	5%	0"-0" Mean: 0"	0"-0.9" Mean: 0.14"	75°	ESE 3mph G: 5mph
08-18-2021 Wed 12am	74°		16%	0%	0"-0" Mean: 0.01"	0"-0.9" Mean: 0.15"	74°	ESE 3mph G: 5mph

**2PM Synopsis:** Good Tuesday afternoon! Thoughts from the 10AM forecast stay relatively the same. Some slight (10 – 20%) chances for precipitation are possible after 2PM today through 5PM. If we can continue to build in some energy in the atmosphere this afternoon we think a slightly better chance for a shower / storm will be possible from 5-10PM; these cells are rather slow moving, so a locally heavy rain with lightning would be possible, if overhead. Chances lesson once again overnight tonight as we lose the energy in the atmosphere after the sun goes down. Patchy dense fog will be a risk once again into Wednesday morning that we are eyeing at this distance.

**Hazardous Weather Alerts:** None





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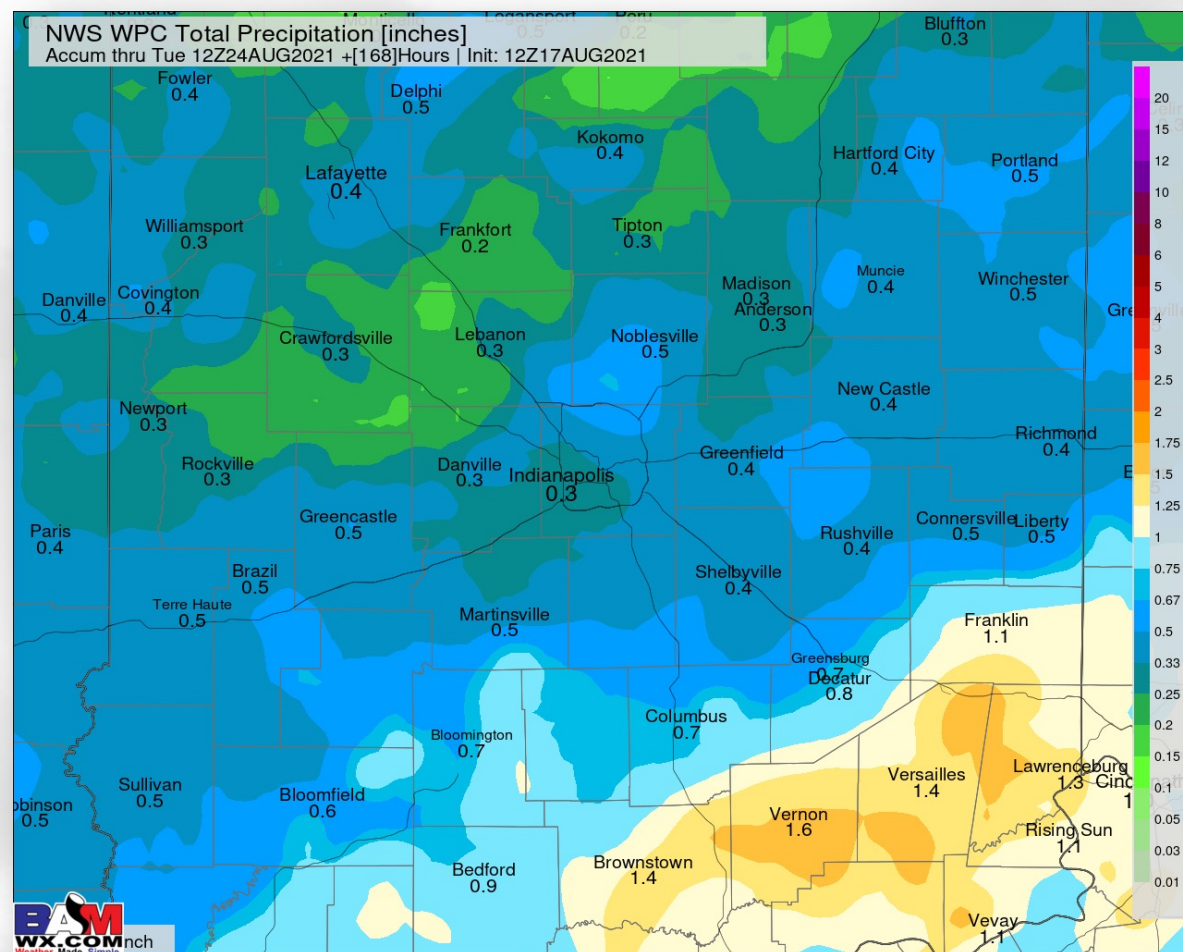
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**5 Day Forecast Discussion:** Isolated rain chances will be possible essentially every day this week. However, no one day is anticipated to be a washout as chances look to be very hit and miss vs widespread. A few storms capable of lightning will be possible into the afternoon/evening hours with the presence of instability. No severe weather is expected. Temperatures and humidity will be on the uptick as well the next few days. Heat index values in the upper 80's F to lower 90's F will be possible as early as today, with better odds of hitting this mark by tomorrow into Thursday. Winds overall should be rather weak over the next few days as well. One thing worth noting is Tropical Storm Fred's track has shifted slight further east, which has lowered a bit our forecasted rain chances to end the work week (Thurs/Fri) with Thursday being the best day of staying completely dry, this slight downtick shown right in our 7 - day rainfall outlook, which is slightly drier than yesterday. We will continue to update as things roll forward.

### 7-Day Rain Map:



Date	Temp	Forecast Icon	Precip %	Rain	Relative Humidity	Wind
08-18-2021 Wed	70° 84°		0% am 30% pm	0"-0.20"	68%	WSW 2mph G: 5mph
08-19-2021 Thu	71° 85°		16% am 35% pm	0"-0.09"	67%	SW 3mph G: 5mph
08-20-2021 Fri	69° 87°		7% am 27% pm	0"-0.05"	62%	S 4mph G: 6mph
08-21-2021 Sat	71° 86°		23% am 40% pm	0"-0.26"	70%	SSW 6mph G: 10mph
08-22-2021 Sun	70° 87°		21% am 21% pm	0"-0.01"	59%	W 5mph G: 8mph



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**Long Range Forecast Discussion & Scenarios:** We still think isolated rain chances are possible in the afternoon / evening hours into late week, but by no means will these be washout rains; several drier hour-stretches are likely throughout each day. Thursday/Friday hold the lowest potential regarding precipitation chances right now, before additional scattered chances into Saturday. Sunday also has been trending lower on precipitation potential recently. Currently, the threat for severe weather will be low. Temps mid-week will hover in the mid 80s with "feels-like" temps starting to climb higher into the upper 80s to lower 90s Wednesday through the weekend. It should be noted that if the weekend forecast continued to trend drier, high temps nearing the upper-80s will be possible. All-in-all, not seeing any extended precipitation threats for the last week of the Fair.

TMax	Low End	Most Likely	High End	Extreme
Wed 8/18	86°F	87°F	88°F	89°F
Thu 8/19	86°F	88°F	89°F	90°F
Fri 8/20	87°F	89°F	90°F	91°F
Sat 8/21	86°F	89°F	91°F	92°F
Sun 8/22	87°F	90°F	92°F	93°F
Mon 8/23	88°F	92°F	94°F	96°F
Tue 8/24	88°F	93°F	95°F	96°F
Wed 8/25	87°F	92°F	94°F	95°F
Thu 8/26	86°F	89°F	92°F	94°F
Fri 8/27	83°F	87°F	91°F	92°F

Rain	Low End	Most Likely	High End	Extreme
Wed 8/18	0"	0.06"	0.2"	0.37"
Thu 8/19	0"	0.09"	0.54"	0.92"
Fri 8/20	0"	0.05"	0.37"	0.8"
Sat 8/21	0"	0.26"	0.87"	1.48"
Sun 8/22	0"	0.01"	0.29"	0.58"
Mon 8/23	0"	0"	0.18"	0.42"
Tue 8/24	0"	0"	0.17"	0.48"
Wed 8/25	0"	0.02"	0.31"	0.68"
Thu 8/26	0"	0.01"	0.35"	0.73"
Fri 8/27	0"	0"	0.28"	0.73"