



# Indiana State Fair

## 6PM Weather Forecast

### Wednesday, August 18, 2021



#### Hour by Hour Forecast:

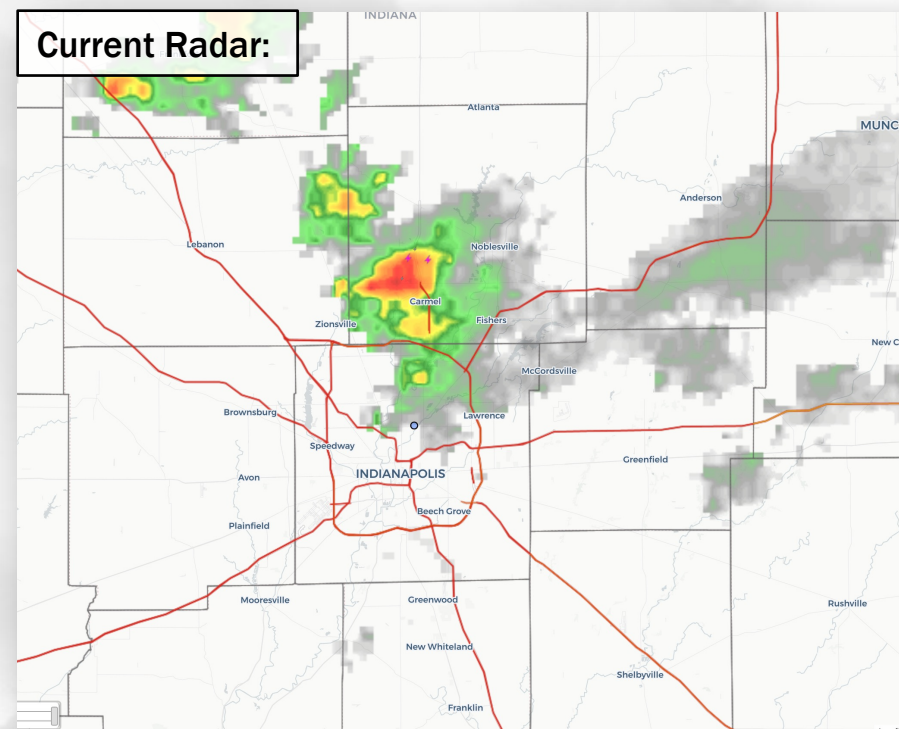
Time	Temp	Forecast Icon	Precip %	Lightning Prob %	Rain Hourly Range	Rain Accum Range	Feels Like	Wind
08-18-2021 Wed 6pm	84°		20%	20%	0"-0.14" Mean: 0.03"	0.18"-1.06" Mean: 0.27"	88°	SSE 4mph G: 5mph
08-18-2021 Wed 7pm	83°		20%	20%	0"-0.14" Mean: 0.04"	0.18"-1.2" Mean: 0.31"	87°	SE 4mph G: 5mph
08-18-2021 Wed 8pm	81°		10%	10%	0"-0" Mean: 0.04"	0.19"-1.21" Mean: 0.35"	84°	ENE 4mph G: 5mph
08-18-2021 Wed 9pm	80°		10%	10%	0"-0" Mean: 0.01"	0.18"-1.2" Mean: 0.36"	82°	ENE 3mph G: 4mph
08-18-2021 Wed 10pm	78°		10%	0%	0"-0" Mean: 0.01"	0.18"-1.2" Mean: 0.37"	78°	SE 2mph G: 4mph
08-18-2021 Wed 11pm	76°		10%	0%	0"-0" Mean: 0"	0.18"-1.21" Mean: 0.37"	76°	ESE 2mph G: 4mph
08-19-2021 Thu 12am	75°		10%	0%	0"-0" Mean: 0"	0.18"-1.21" Mean: 0.37"	75°	ESE 2mph G: 4mph
08-19-2021 Thu 1am	74°		10%	0%	0"-0" Mean: 0"	0.18"-1.2" Mean: 0.37"	74°	S 2mph G: 4mph
08-19-2021 Thu 2am	73°		10%	0%	0"-0" Mean: 0"	0.18"-1.2" Mean: 0.37"	73°	NE 2mph G: 4mph
08-19-2021 Thu 3am	73°		10%	0%	0"-0" Mean: 0"	0.18"-1.2" Mean: 0.37"	73°	ESE 2mph G: 4mph

**6PM Synopsis:** The cell that just moved through the area has now pushed off to the Northeast and has stabilized the atmosphere a good bit. While something incredibly isolated cannot be ruled out here through sundown (10-20% chances), we would favor the rest of the evening hours on the drier side. \*If\* we were to see another very iso cell develop (again, not favored), the lightning threat looks quite low. Into the overnight, we are favoring quieter conditions, but cannot fully rule out a very light shower as the bulk of activity should stay south of the fairgrounds. Winds are anticipated to stay rather light through the evening hours, sustained 3-6 MPH with gusts 5-10 MPH. Lows tonight look to bottom out in the lower 70s.

Hazardous Weather Alerts:

NONE

#### Current Radar:





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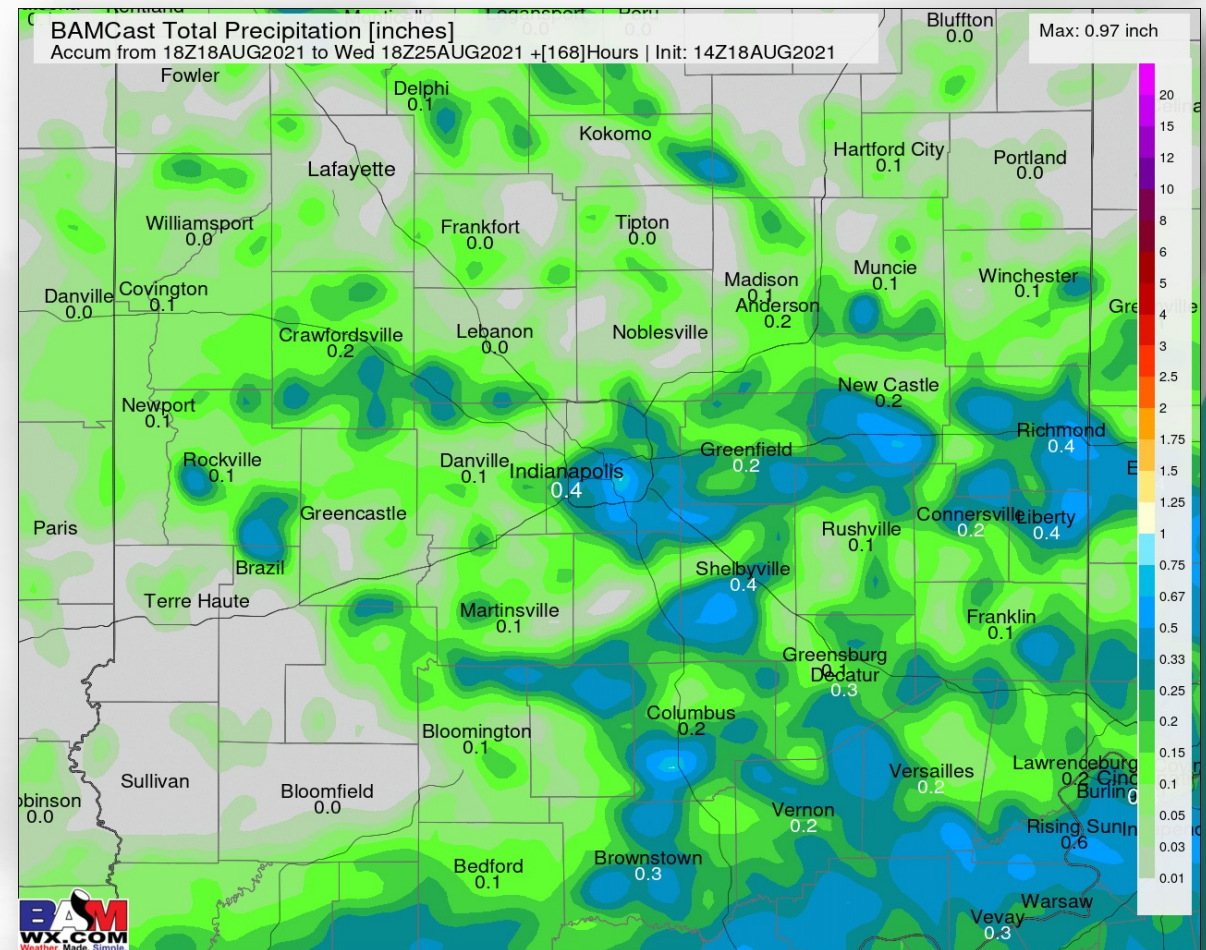
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**5 Day Forecast Discussion:** Overall, no big change in the forecast thinking the next few days. Each of the next few days out through the weekend will at least have a shot of some showers/ storms (especially afternoon hours) but will by no means be washouts and no severe weather expected. In particular, chances Friday look quite weak, and latest data below trend completely dry as we roll forward into the forecast. Temperatures generally look to be in the mid to upper 80's F over the next few days as Heat Index Values near ~90 F will be possible. Winds overall look to be on the weaker side as well. Saturday may have the best potential to see a more organized wave in the afternoon rather than just pop ups, but timing will need to be fine tuned as we get closer.

Date	Temp	Forecast Icon	Precip %	Rain	Relative Humidity	Wind
08-19-2021 Thu	70° 85°		10% am 40% pm	0" - 0.25"	65%	WSW 3mph G: 5mph
08-20-2021 Fri	69° 87°		0% am 0% pm	0" - 0"	59%	SE 3mph G: 6mph
08-21-2021 Sat	69° 88°		5% am 36% pm	0.01" - 0.11"	62%	S 6mph G: 10mph
08-22-2021 Sun	71° 87°		22% am 17% pm	0" - 0.01"	60%	W 6mph G: 8mph
08-23-2021 Mon	66° 89°		0% am 0% pm	0" - 0"	53%	W 4mph G: 7mph

### 7-Day Rain Map:








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Long Range Forecast Discussion & Scenarios: Scattered, hit or miss showers/storms will be the theme the next couple of days with a more defined wave possible on Saturday in the PM hours. The data below would indicate that Saturday has a 10% chance to see at least 0.38" of rain if it precipitates, indicating it could be the day with the highest moisture potential. Temperatures look to be in the mid-upper 80s the next several days with heat indices around 90F. Temperatures steadily increase ahead of a front early next week and could hit 90F. The best rain chances look to be north early next week, but we'll need to keep an eye on Tuesday and especially Wednesday for some increased storm chances ahead of a cold front. Ahead of this front, heat indices Tuesday/Wednesday could get into at least the mid-90s.

TMax 	Most Likely	75% Chance	25% Chance	10% Chance
Thu 8/19	86°F	84°F	88°F	89°F
Fri 8/20	87°F	86°F	89°F	90°F
Sat 8/21	88°F	86°F	91°F	92°F
Sun 8/22	88°F	85°F	91°F	93°F
Mon 8/23	89°F	87°F	92°F	94°F
Tue 8/24	90°F	88°F	94°F	96°F
Wed 8/25	89°F	86°F	93°F	95°F
Thu 8/26	86°F	82°F	89°F	93°F
Fri 8/27	83°F	80°F	87°F	91°F
Sat 8/28	83°F	79°F	86°F	89°F

Rain 	Most Likely	75% Chance	25% Chance	10% Chance
Thu 8/19	0.11"	0"	0.04"	0.27"
Fri 8/20	0"	0"	0"	0.04"
Sat 8/21	0"	0"	0.11"	0.38"
Sun 8/22	0"	0"	0.01"	0.25"
Mon 8/23	0"	0"	0"	0.04"
Tue 8/24	0"	0"	0"	0.22"
Wed 8/25	0"	0"	0.09"	0.56"
Thu 8/26	0"	0"	0.03"	0.51"
Fri 8/27	0"	0"	0"	0.25"
Sat 8/28	0"	0"	0"	0.11"