



# Indiana State Fair

## 10AM Weather Forecast

### Tuesday, August 10, 2021



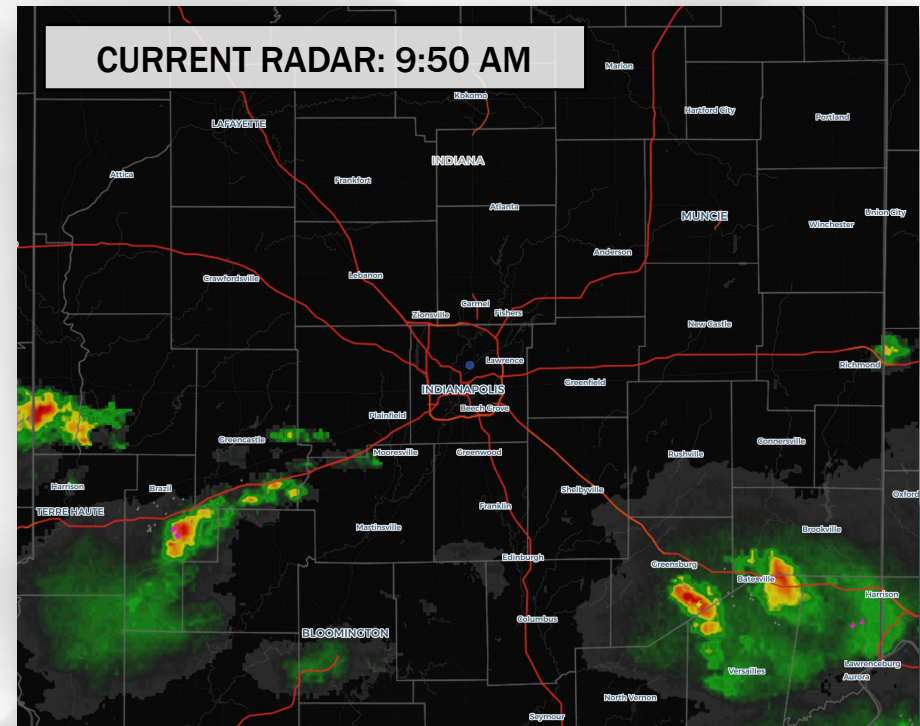
#### Hour by Hour Forecast:

Time	Temp	Forecast Icon	Precip %	Lightning Prob %	Rain Hourly Range	Rain Accum Range	Feels Like	Wind
08-10-2021 Tue 10am	80°		20%	10%	0"-0" Mean: 0"	0"-0.54" Mean: 0.01"	86°	SW 9mph G: 14mph
08-10-2021 Tue 11am	82°		20%	10%	0"-0" Mean: 0"	0"-0.54" Mean: 0.01"	90°	SW 10mph G: 14mph
08-10-2021 Tue 12pm	85°		30%	20%	0"-0" Mean: 0"	0"-0.54" Mean: 0.01"	95°	SW 10mph G: 14mph
08-10-2021 Tue 1pm	87°		40%	20%	0"-0" Mean: 0"	0"-0.54" Mean: 0.01"	97°	SW 9mph G: 15mph
08-10-2021 Tue 2pm	88°		0%	0%	0"-0" Mean: 0"	0"-0.54" Mean: 0.01"	99°	SW 10mph G: 15mph
08-10-2021 Tue 3pm	89°		0%	0%	0"-0" Mean: 0"	0"-0.54" Mean: 0.01"	100°	SW 10mph G: 15mph
08-10-2021 Tue 4pm	89°		20%	10%	0"-0" Mean: 0"	0"-0.54" Mean: 0.01"	101°	SW 10mph G: 15mph
08-10-2021 Tue 5pm	90°		20%	10%	0"-0" Mean: 0"	0"-0.54" Mean: 0.01"	100°	SW 10mph G: 15mph
08-10-2021 Tue 6pm	89°		20%	22%	0"-0" Mean: 0"	0"-0.54" Mean: 0.01"	100°	SW 10mph G: 14mph
08-10-2021 Tue 7pm	88°		20%	21%	0"-0" Mean: 0"	0.01"-0.55" Mean: 0.01"	98°	SW 9mph G: 13mph

**10AM Synopsis:** The storms earlier this morning in our previous update have since moved off to the east. Right now most of the activity currently on-going looks to stay across the south-side of Indy towards Greenwood, not impacting the Fairgrounds. However, I am watching a cell west of Greencastle that could potentially work in close to our area between 12:30 - 1 PM this afternoon if it holds together; lightning and some locally heavy downpours would pose a risk here. Admittedly the forecast through the remainder of the afternoon to evening is on the lower confidence side given weather model inconsistencies on the forecast today. We are going to maintain our earlier suggestion of isolated rainfall possible from 4-8 PM later today. Lastly, we will need to watch the 11 PM to 3-4 AM Wednesday for another shot of showers/storms from a decaying storm cluster working west to east.

Hazardous Weather Alerts:

None





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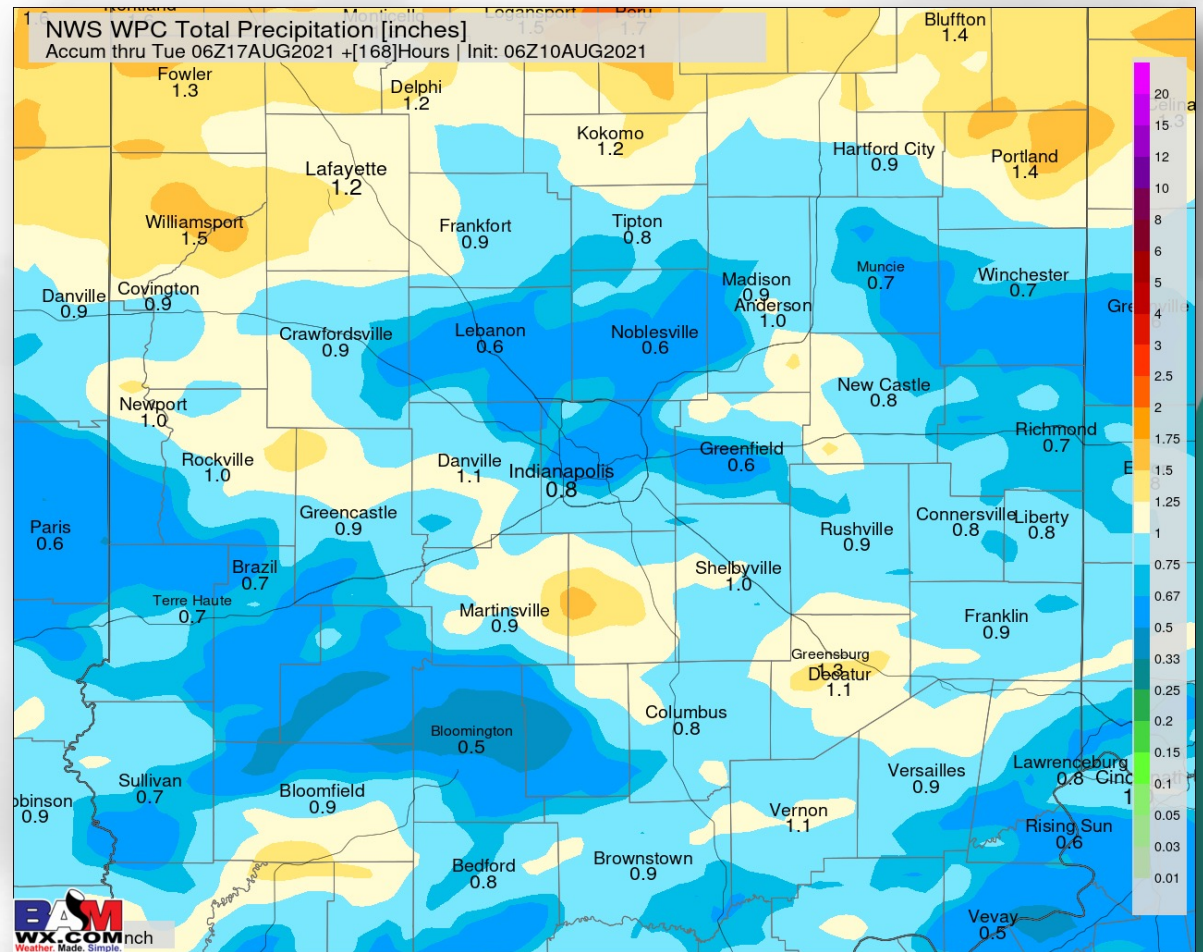
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**5 Day Forecast Discussion:** Pulse-like isolated precipitation in a scattered fashion is expected in the early to mid afternoon today, otherwise hot and humid conditions are on the table. These hot and humid conditions are anticipated to linger across the Fairgrounds through Friday, before cooling down for a much nicer (and lower humidity) weekend ahead. Thinking right now the best chance for precipitation on Wednesday comes in the AM hours, slightly less potential in the PM. Thursday looks a bit more isolated and our hottest day of the week right now. Friday we are still anticipating a decent frontal boundary to develop after lunch, increasing the potential already at this distance for a strong storm threat. These details will continue to need to be ironed as we get closer, but we should definitely keep this in the back of our minds for impacts to operations.

### 7-Day Rain Map:



Date	Temp	Forecast Icon	Precip %	Rain	Relative Humidity	Wind
08-10-2021 Tue	76° 90°		17% am 55% pm	0.10"-0.50"	67%	SW 8mph G: 13mph
08-11-2021 Wed	75° 93°		34% am 28% pm	0"-0.17"	63%	SW 10mph G: 15mph
08-12-2021 Thu	77° 94°		11% am 33% pm	0.01"-0.18"	57%	SW 8mph G: 14mph
08-13-2021 Fri	75° 90°		26% am 60% pm	0.13"-0.51"	62%	WSW 6mph G: 12mph
08-14-2021 Sat	64° 82°		0% am 0% pm	0"-0"	51%	NNE 6mph G: 9mph



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**Long Range Forecast Discussion & Scenarios:** This week the long-advertised heat and humidity will be present along with a daily storm threat. The high end and extreme outcomes on rainfall tell us how much rain we *\*could\** get if caught under a heavier storm cell. Right now we anticipate a cold front passage Friday to bring a storm threat but then bring drier and a bit cooler and less humid weather for this weekend. An increase in moisture looks possible not long after this short reprieve into early next week.

TMax	Low End	Most Likely	High End	Extreme
Tue 8/10	91°F	92°F	93°F	94°F
Wed 8/11	92°F	94°F	95°F	96°F
Thu 8/12	93°F	95°F	96°F	97°F
Fri 8/13	88°F	92°F	93°F	94°F
Sat 8/14	83°F	85°F	86°F	89°F
Sun 8/15	83°F	85°F	87°F	89°F
Mon 8/16	84°F	87°F	90°F	91°F
Tue 8/17	86°F	89°F	91°F	92°F
Wed 8/18	87°F	90°F	93°F	93°F
Thu 8/19	87°F	90°F	92°F	94°F

Rain	Low End	Most Likely	High End	Extreme
Tue 8/10	0"	0.08"	0.35"	0.56"
Wed 8/11	0"	0.17"	0.59"	0.95"
Thu 8/12	0.01"	0.18"	0.52"	0.79"
Fri 8/13	0.13"	0.51"	0.95"	1.31"
Sat 8/14	0"	0"	0.17"	0.45"
Sun 8/15	0"	0"	0"	0.07"
Mon 8/16	0"	0"	0.11"	0.31"
Tue 8/17	0"	0.05"	0.49"	0.87"
Wed 8/18	0"	0.08"	0.48"	0.98"
Thu 8/19	0"	0.08"	0.58"	1.13"