



# Indiana State Fair

## 6PM Weather Forecast

### Thursday, August 12, 2021



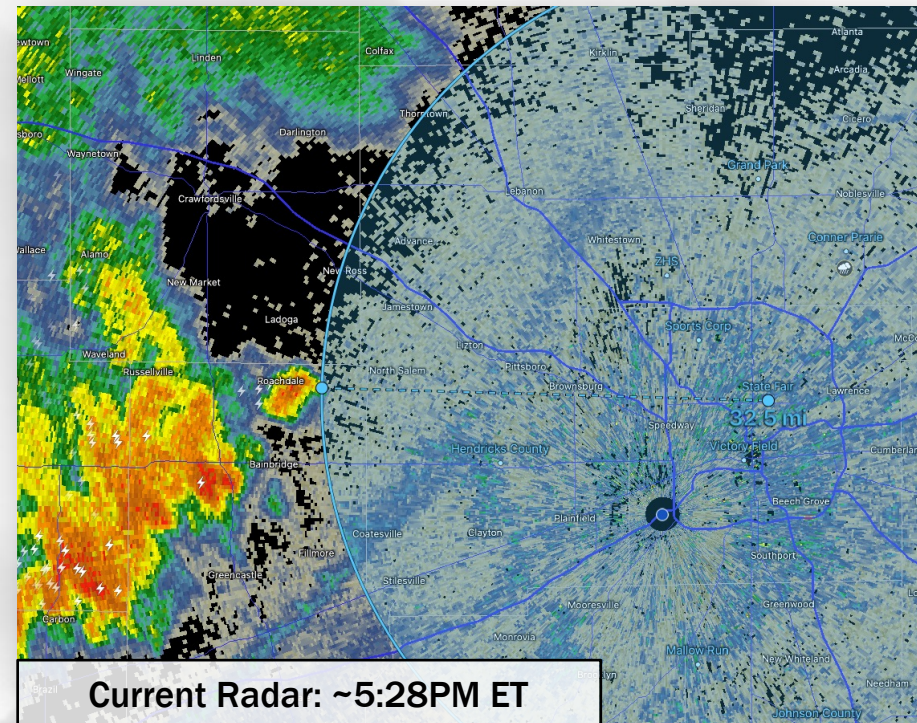
#### Hour by Hour Forecast:

Time	Temp	Forecast Icon	Precip %	Lightning Prob %	Rain Hourly Range	Rain Accum Range	Feels Like	Wind
08-12-2021 Thu 6pm	89°		0%	10%	0"	0"	98°	W 10mph G: 16mph
08-12-2021 Thu 7pm	88°		80%	20%	0"-0.25"	0"-0.25"	96°	WSW 9mph G: 15mph
08-12-2021 Thu 8pm	86°		60%	0%	0"-0.1"	0"-0.35"	93°	WSW 8mph G: 14mph
08-12-2021 Thu 9pm	85°		60%	20%	0"-0.1"	0"-0.45"	92°	SW 6mph G: 12mph
08-12-2021 Thu 10pm	83°		50%	20%	0"-0.1"	0"-0.55"	89°	SW 5mph G: 11mph
08-12-2021 Thu 11pm	82°		30%	15%	0"-0.1"	0"-0.55"	87°	SSW 6mph G: 11mph
08-13-2021 Fri 12am	80°		10%	20%	0"-0.05"	0"-0.55"	84°	SSW 5mph G: 12mph
08-13-2021 Fri 1am	79°		10%	0%	0"-0.05"	0"-0.55"	81°	SSW 5mph G: 12mph
08-13-2021 Fri 2am	77°		10%	0%	0"-0.05"	0"-0.55"	77°	SW 6mph G: 12mph
08-13-2021 Fri 3am	77°		30%	0%	0"-0.1"	0"-0.55"	77°	SSW 6mph G: 11mph

**6PM Synopsis:** Line of showers/ storms off to the west continue to push east this afternoon. The worst of the storms are anticipated to move south of the Fairgrounds this evening. Showers/ storms are anticipated to reach the fair ground near ~6:30 PM this afternoon. As these reach the fairgrounds, gusts of 30 MPH will be possible (lightning possible as well). Will also need to watch for gusts around 30 - 35 MPH with outflow out ahead of these storms which could impact closer to 5:55 PM. Behind the initial storms, showers will be possible out through about 10 - 11 PM. The lightning threat is non-zero later this evening and should decrease later into the evening we go. Will also need to watch getting into tomorrow morning as another line of storms starting as early as 3 AM. However, there is much uncertainty on the timing and overall impacts of morning thunderstorm potential. This will be fine tuned in the 10 PM report.

#### Hazardous Weather Alerts:

Heat Advisory







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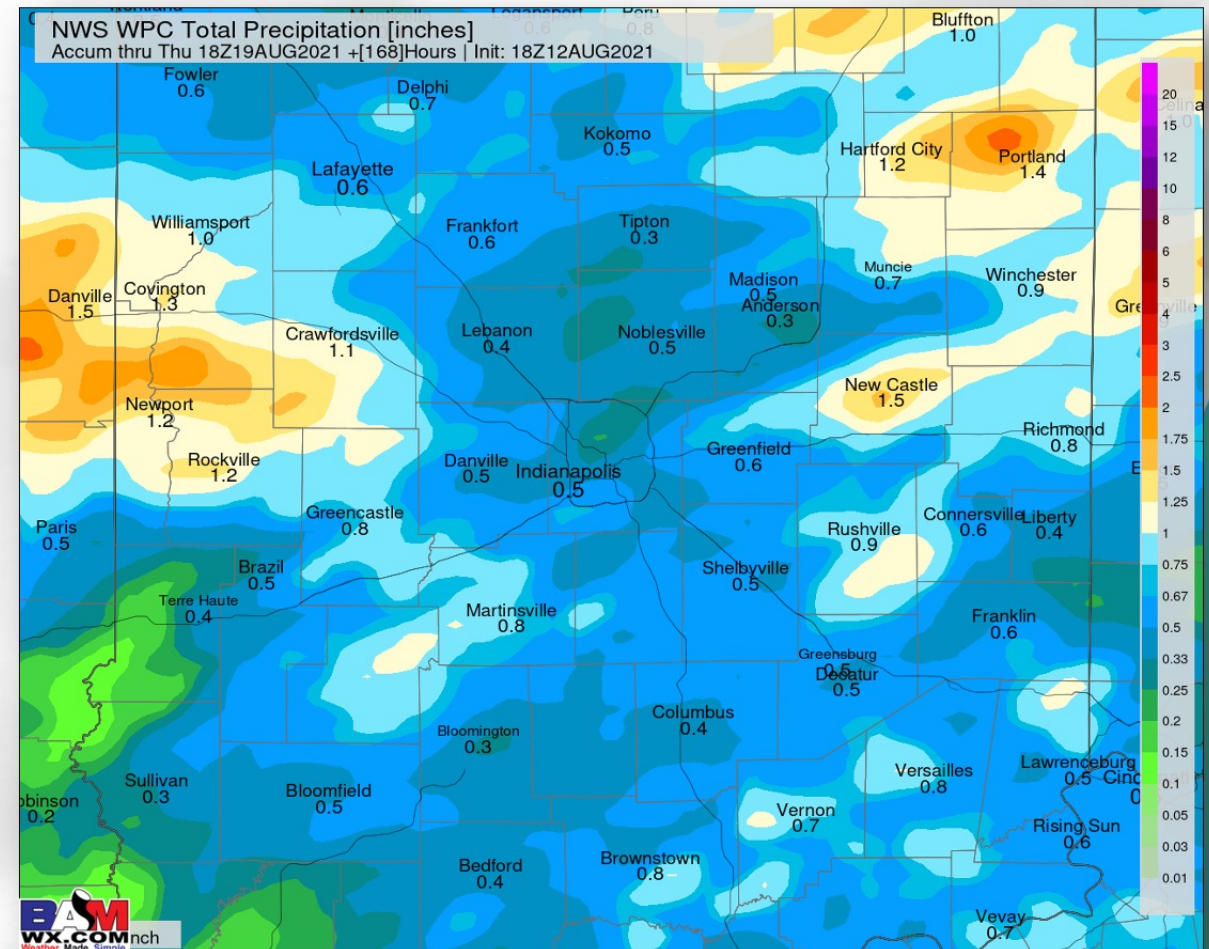
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**5 Day Forecast Discussion:** We continue to watch storms to the west work southeast. The strongest/severe storms will miss to the south but we remain at play for some storms and gusty winds. Rain/storm activity continues to look possible in the pre-dawn and AM hours of Friday, with re-development of storms in the afternoon hours. Stronger storms and heavy rain will be possible as this swings through in a scattered fashion. The cold front passes on Friday setting the stage for cooler, drier, and less humid weather into the weekend. Friday will still be a humid day and warm, but temperatures and humidity drop into the weekend.

#### 7-Day Rain Map:



Date	Temp	Forecast Icon	Precip %	Rain	Relative Humidity	Wind
08-13-2021 Fri	74° 83°		67% am 54% pm	0.36"-1.02"	73%	SW 5mph G: 11mph
08-14-2021 Sat	63° 82°		0% am 0% pm	0"-0"	49%	NE 6mph G: 9mph
08-15-2021 Sun	60° 80°		0% am 0% pm	0"-0"	50%	ENE 6mph G: 9mph
08-16-2021 Mon	61° 82°		0% am 0% pm	0"-0"	61%	E 4mph G: 8mph
08-17-2021 Tue	67° 83°		12% am 44% pm	0.01"-0.15"	71%	E 4mph G: 7mph






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
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**Long Range Forecast Discussion & Scenarios:** Friday's precipitation associated our long targeted cold front will continue to hold the best precipitation chances over the next several days- The front will bring the mentioned precip but also cooler/drier/less humid weather for the weekend. "Feels like" temps into early-mid next week will take a dip back into the 80s, but late next week the potential for temps to return to the upper 80s/ low 90s will be possible. After a dry weekend, Monday is favored to be dry at this distance with precip holding off to the south. Toward the middle of the upcoming week is when we favor increased precipitation chances as the upper level flow looks to turn a bit more favorable for precipitation.

TMax 	Low End	Most Likely	High End	Extreme
Fri 8/13	86°F	88°F	90°F	91°F
Sat 8/14	81°F	83°F	85°F	86°F
Sun 8/15	81°F	82°F	85°F	85°F
Mon 8/16	82°F	84°F	86°F	87°F
Tue 8/17	86°F	88°F	89°F	89°F
Wed 8/18	88°F	90°F	92°F	92°F
Thu 8/19	88°F	91°F	93°F	94°F
Fri 8/20	87°F	89°F	91°F	92°F
Sat 8/21	87°F	89°F	91°F	92°F
Sun 8/22	87°F	90°F	92°F	93°F

Rain 	Low End	Most Likely	High End	Extreme
Fri 8/13	0.28"	0.78"	1.44"	1.9"
Sat 8/14	0"	0"	0"	0.01"
Sun 8/15	0"	0"	0"	0"
Mon 8/16	0"	0"	0.04"	0.24"
Tue 8/17	0"	0.11"	0.45"	0.74"
Wed 8/18	0"	0.04"	0.23"	0.5"
Thu 8/19	0"	0.08"	0.37"	0.64"
Fri 8/20	0"	0.19"	0.6"	0.95"
Sat 8/21	0"	0.09"	0.54"	1.04"
Sun 8/22	0"	0.08"	0.44"	0.75"