



Indiana State Fair

10PM Weather Forecast

Tuesday, August 10, 2021

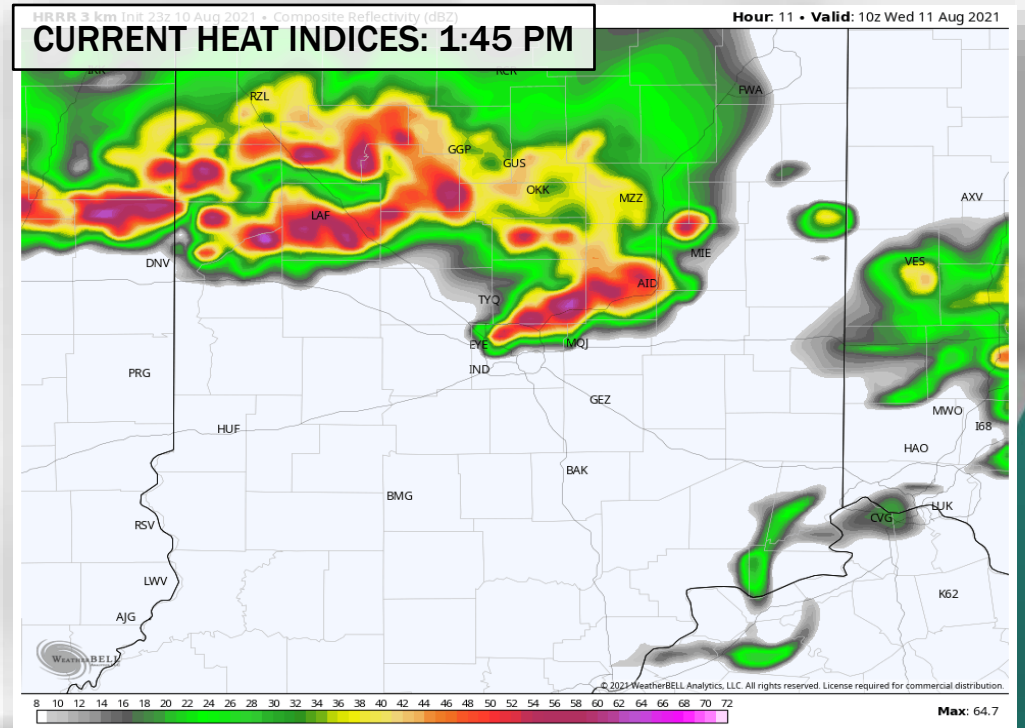


Hour by Hour Forecast:

Time	Temp	Forecast Icon	Precip %	Lightning Prob %	Rain Hourly Range	Rain Accum Range	Feels Like	Wind
08-10-2021 Tue 10pm	83°		28%	24%	0"-0" Mean: 0.03"	0"-0.59" Mean: 0.07"	90°	SSW 7mph G: 13mph
08-10-2021 Tue 11pm	82°		47%	0%	0"-0" Mean: 0.03"	0.01"-0.59" Mean: 0.1"	88°	SSW 7mph G: 13mph
08-11-2021 Wed 12am	81°		41%	0%	0"-0.16" Mean: 0.02"	0.01"-0.75" Mean: 0.12"	86°	SSW 7mph G: 12mph
08-11-2021 Wed 1am	79°		87%	32%	0"-0" Mean: 0.08"	0.01"-0.76" Mean: 0.2"	83°	SW 7mph G: 12mph
08-11-2021 Wed 2am	79°		0%	28%	0"-0" Mean: 0"	0.01"-0.75" Mean: 0.2"	81°	SSW 7mph G: 12mph
08-11-2021 Wed 3am	78°		10%	32%	0"-0.01" Mean: 0"	0.01"-0.76" Mean: 0.2"	78°	SSW 6mph G: 12mph
08-11-2021 Wed 4am	78°		18%	26%	0"-0" Mean: 0"	0.01"-0.76" Mean: 0.2"	78°	SW 6mph G: 13mph
08-11-2021 Wed 5am	77°		15%	29%	0.02"-0.9" Mean: 0.01"	0.03"-1.66" Mean: 0.21"	77°	SSW 8mph G: 15mph
08-11-2021 Wed 6am	75°		71%	31%	0"-0" Mean: 0.14"	0.03"-1.67" Mean: 0.35"	75°	WSW 8mph G: 14mph
08-11-2021 Wed 7am	75°		17%	29%	0"-0" Mean: 0.01"	0.03"-1.66" Mean: 0.36"	75°	SW 7mph G: 13mph

10PM Synopsis: No on-going precipitation threat right now. Sustained winds out of the South are still expected to range between 8-13 MPH, gusting at times up to 15-25 MPH to begin the night. We mentioned in our 6 PM update that risks of a very isolated shower/storm are possible through midnight, but confidence is lower with recent data on if these pre-midnight chances can fire for the fairgrounds. A developing storm cluster to the North looks to push south overnight, giving the fairgrounds storm chances from around 1:30 AM - 3 AM with slight flair ups ahead of the main boundary. Data suggests a quiet period from around 3:30 - 5 AM where winds also look to be slightly calmer but then the main boundary hits the fairgrounds around 5 AM. This looks to last for a good chunk of the morning, leaving the area around 10 - 11 AM. (We will expand on timing in the morning update.) With this system, heavy rainfall and gusty winds are likely with some hail threats.

Hazardous Weather Alerts: None





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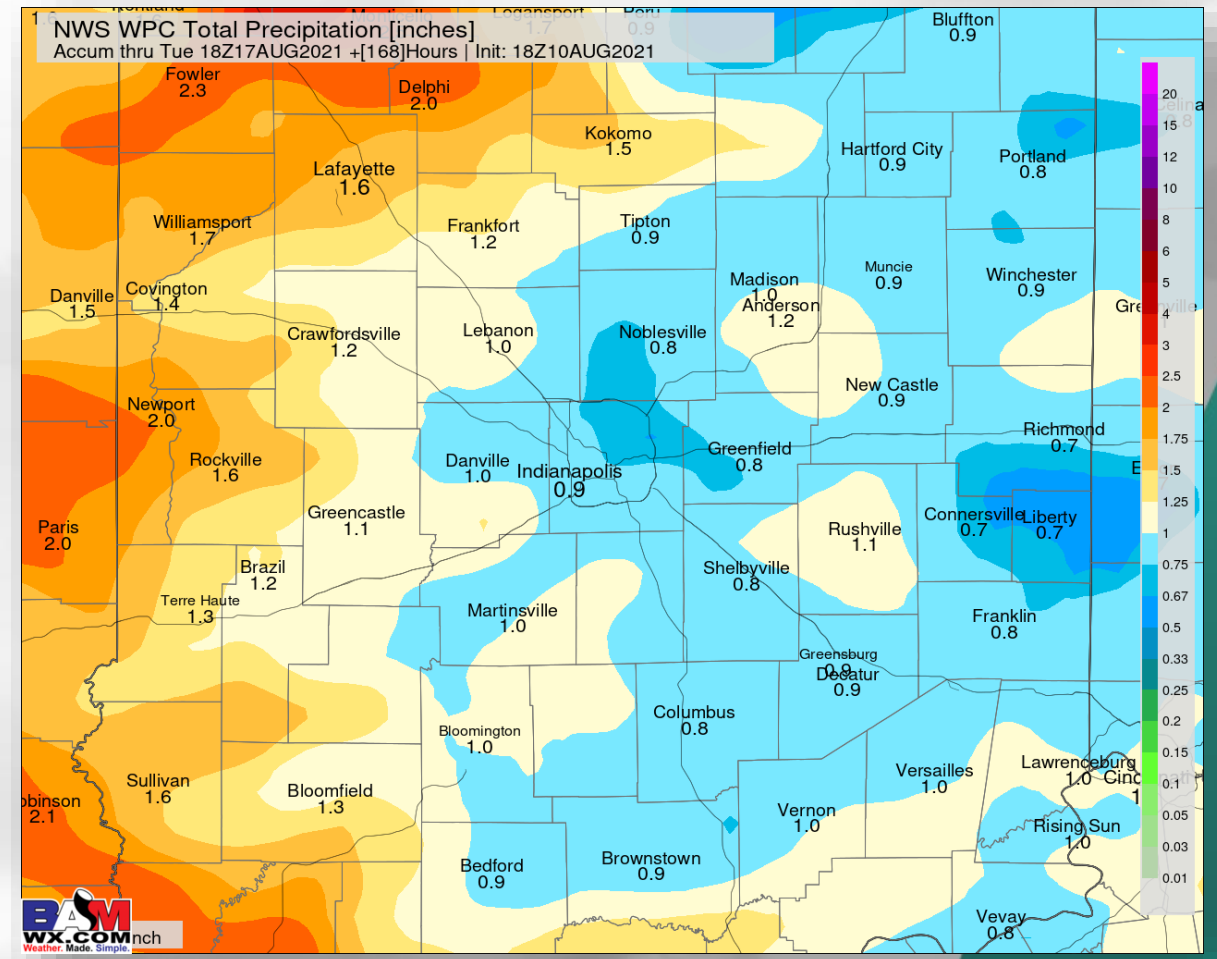
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5 Day Forecast Discussion: Hot and humid conditions are anticipated to linger across the Fairgrounds through Friday, before cooling down for a much nicer (and lower humidity) weekend ahead. Thinking right now the best chance for precipitation tomorrow 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. **Thursday looks to be our hottest day of the week, with temps nearing the mid-90s; heat indices of 100-105F are looking likely as well.**

Date	Temp	Forecast Icon	Precip %	Rain	Relative Humidity	Wind
08-11-2021 Wed	75° 91°		60% am 20% pm	0.17"-0.94"	64%	SW 10mph G: 15mph
08-12-2021 Thu	77° 93°		12% am 37% pm	0"-0.12"	58%	WSW 8mph G: 14mph
08-13-2021 Fri	73° 88°		20% am 52% pm	0.1"-0.46"	66%	W 6mph G: 12mph
08-14-2021 Sat	63° 81°		0% am 0% pm	0"-0"	49%	NE 6mph G: 10mph
08-15-2021 Sun	60° 83°		0% am 0% pm	0"-0"	49%	ENE 5mph G: 9mph

7-Day Rain Map:





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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 (could be strong) 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
Wed 8/11	92°F	94°F	96°F	97°F
Thu 8/12	94°F	96°F	97°F	98°F
Fri 8/13	88°F	91°F	94°F	94°F
Sat 8/14	83°F	85°F	87°F	87°F
Sun 8/15	83°F	86°F	87°F	89°F
Mon 8/16	84°F	88°F	90°F	91°F
Tue 8/17	86°F	89°F	91°F	92°F
Wed 8/18	86°F	89°F	92°F	94°F
Thu 8/19	87°F	90°F	92°F	93°F
Fri 8/20	86°F	90°F	92°F	94°F

Rain	Low End	Most Likely	High End	Extreme
Wed 8/11	0.01"	0.17"	0.55"	0.94"
Thu 8/12	0"	0.1"	0.36"	0.66"
Fri 8/13	0.19"	0.56"	0.99"	1.28"
Sat 8/14	0"	0"	0.18"	0.55"
Sun 8/15	0"	0"	0"	0.19"
Mon 8/16	0"	0"	0.11"	0.38"
Tue 8/17	0"	0.06"	0.44"	0.91"
Wed 8/18	0"	0.07"	0.48"	0.9"
Thu 8/19	0"	0.06"	0.4"	0.91"
Fri 8/20	0"	0.07"	0.51"	0.88"