



Indiana State Fair

6PM Weather Forecast

Tuesday, August 10, 2021

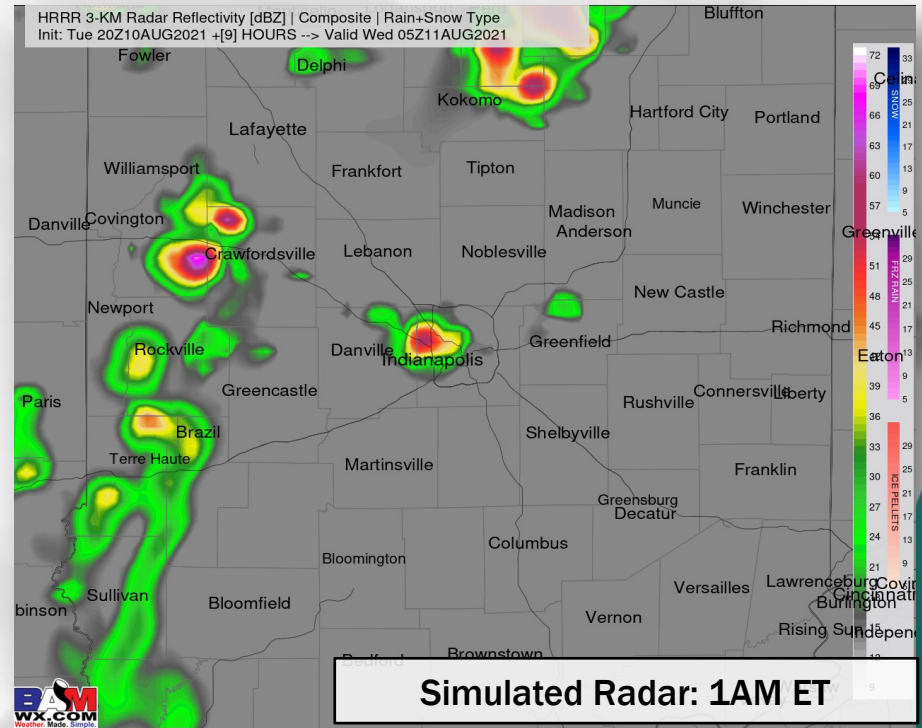


Hour by Hour Forecast:

Time	Temp	Forecast Icon	Precip %	Lightning Prob %	Rain Hourly Range	Rain Accum Range	Feels Like	Wind
08-10-2021 Tue 6pm	88°		0%	0%	0"-0"	0"-0.05"	99°	SW 10mph G: 15mph
08-10-2021 Tue 7pm	87°		10%	0%	0"-0.14"	0"-0.19"	97°	SW 10mph G: 14mph
08-10-2021 Tue 8pm	86°		15%	0%	0"-0.08"	0"-0.27"	94°	SW 9mph G: 13mph
08-10-2021 Tue 9pm	84°		20%	0%	0"-0.41"	0"-0.67"	92°	SSW 7mph G: 13mph
08-10-2021 Tue 10pm	82°		20%	0%	0"-0.04"	0"-0.71"	89°	SSW 7mph G: 12mph
08-10-2021 Tue 11pm	82°		20%	0%	0"-0.01"	0"-0.71"	89°	SSW 7mph G: 13mph
08-11-2021 Wed 12am	80°		35%	0%	0"-0.21"	0"-0.92"	86°	SW 7mph G: 14mph
08-11-2021 Wed 1am	79°		69%	31%	0"-0"	0"-0.92"	82°	SSW 7mph G: 13mph
08-11-2021 Wed 2am	78°		60%	24%	0"-0"	0"-0.93"	80°	SW 7mph G: 13mph
08-11-2021 Wed 3am	77°		55%	30%	0"-0"	0"-0.92"	77°	SW 6mph G: 12mph

6PM Synopsis: No on-going precipitation threat right now pushing into the area that's a risk, with widespread sunshine working in. Sustained winds out of the Southwest are still expected to range between 8-13 MPH, gusting at times up to 15-20 MPH through the evening. We think an isolated shower / storm can't be ruled through midnight but the better risks look to be into the overnight. As the hour by hour is starting to pick up on, we are concerned that the deeper we get into the evening to the overnight period, remnants working east from a decaying storm cluster look to increase our next shower and storm chances impacting the Fairgrounds. More details as this develops into the morning hours on our 10PM update.

Hazardous Weather Alerts: None





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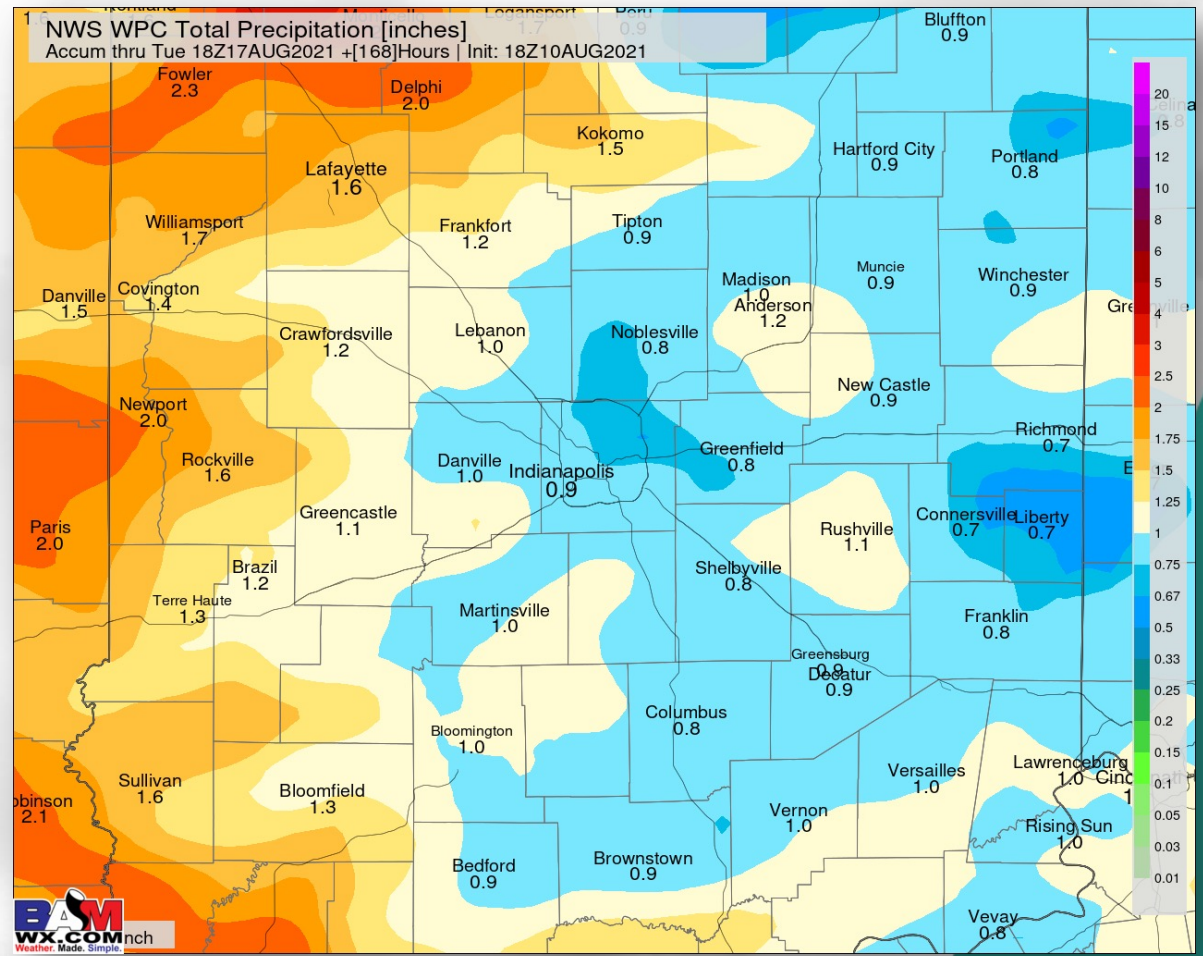
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5 Day Forecast Discussion: Hot and humid conditions are anticipated to linger across the Fairgrounds through Friday, before cooling down for a much nicer (and lower humidity) weekend ahead. Thinking right now the best chance for precipitation tomorrow comes in the AM hours, slightly less potential in the PM. Right now it looks like lowering chances mid-late morning following rain/storms in the area for tomorrow. 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	74° 91°		60% am 20% pm	0.17"-0.94"	65%	WSW 11mph G: 16mph
08-12-2021 Thu	77° 94°		8% am 37% pm	0"-0.12"	57%	WSW 8mph G: 14mph
08-13-2021 Fri	74° 88°		20% am 52% pm	0.1"-0.46"	64%	W 6mph G: 11mph
08-14-2021 Sat	63° 82°		0% am 0% pm	0"-0"	49%	NNE 6mph G: 9mph
08-15-2021 Sun	61° 83°		0% am 0% pm	0"-0"	49%	ENE 5mph G: 8mph

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-mid next week, however, much will depend on how a potential tropical system impacts the pattern (could be a drier risk).

TMax	Low End	Most Likely	High End	Extreme
Wed 8/11	92°F	94°F	96°F	96°F
Thu 8/12	94°F	95°F	97°F	97°F
Fri 8/13	87°F	90°F	93°F	94°F
Sat 8/14	83°F	85°F	86°F	87°F
Sun 8/15	83°F	86°F	87°F	88°F
Mon 8/16	84°F	87°F	90°F	91°F
Tue 8/17	86°F	89°F	91°F	93°F
Wed 8/18	86°F	89°F	92°F	94°F
Thu 8/19	87°F	89°F	92°F	93°F
Fri 8/20	86°F	89°F	92°F	94°F

Rain	Low End	Most Likely	High End	Extreme
Wed 8/11	0.04"	0.26"	0.65"	1.06"
Thu 8/12	0"	0.12"	0.39"	0.65"
Fri 8/13	0.1"	0.46"	0.96"	1.26"
Sat 8/14	0"	0"	0.15"	0.5"
Sun 8/15	0"	0"	0.01"	0.16"
Mon 8/16	0"	0"	0.13"	0.49"
Tue 8/17	0"	0.07"	0.41"	0.87"
Wed 8/18	0"	0.1"	0.53"	0.95"
Thu 8/19	0"	0.05"	0.38"	0.74"
Fri 8/20	0"	0.06"	0.46"	0.88"