



Indiana State Fair

10PM Weather Forecast

Friday, July 30, 2021



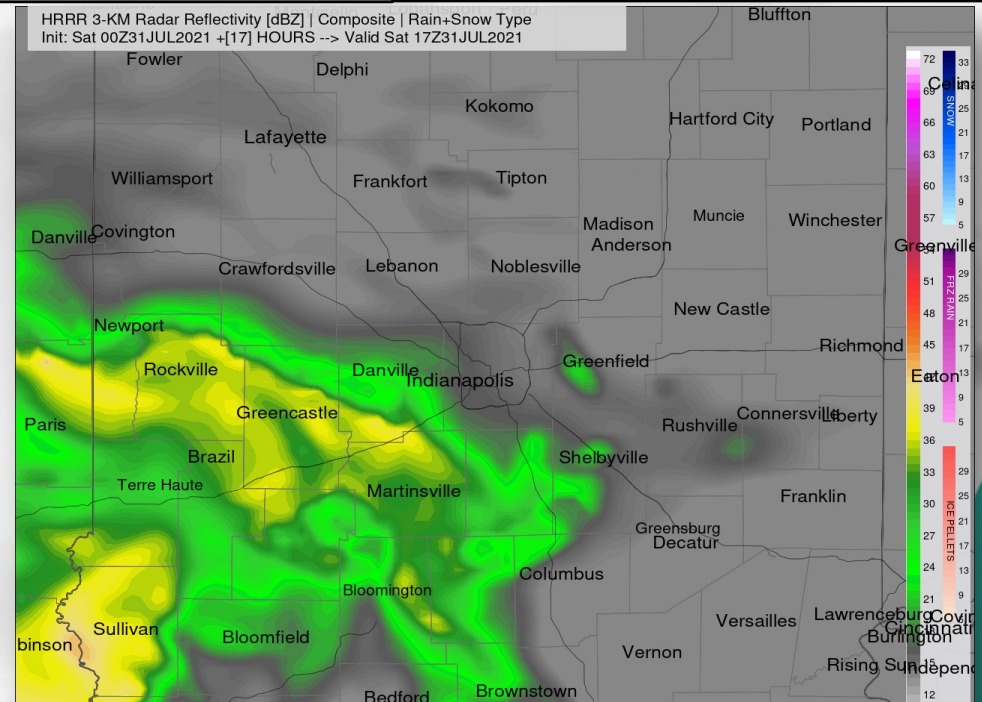
Hour by Hour Forecast:

Time	Temp	Forecast Icon	Precip %	Lightning Prob %	Rain Hourly Range	Rain Accum Range	Feels Like	Wind
07-30-2021 Fri 10pm	72°		0%	0%	0"-0" Mean: 0"	0"-0" Mean: 0"	72°	N 4mph G: 10mph
07-30-2021 Fri 11pm	69°		0%	0%	0"-0" Mean: 0"	0"-0" Mean: 0"	69°	N 5mph G: 10mph
07-31-2021 Sat 12am	68°		0%	0%	0"-0" Mean: 0"	0"-0" Mean: 0"	68°	N 5mph G: 9mph
07-31-2021 Sat 1am	67°		0%	0%	0"-0" Mean: 0"	0"-0" Mean: 0"	67°	N 4mph G: 10mph
07-31-2021 Sat 2am	66°		0%	0%	0"-0" Mean: 0"	0"-0" Mean: 0"	66°	NNE 4mph G: 10mph
07-31-2021 Sat 3am	66°		0%	0%	0"-0" Mean: 0"	0"-0" Mean: 0"	65°	NNE 3mph G: 8mph
07-31-2021 Sat 4am	65°		0%	0%	0"-0" Mean: 0"	0"-0" Mean: 0"	65°	NNE 3mph G: 6mph
07-31-2021 Sat 5am	65°		0%	0%	0"-0" Mean: 0"	0"-0" Mean: 0"	65°	NNE 3mph G: 6mph
07-31-2021 Sat 6am	64°		0%	0%	0"-0" Mean: 0"	0"-0" Mean: 0"	64°	NNE 2mph G: 6mph
07-31-2021 Sat 7am	64°		0%	0%	0"-0" Mean: 0"	0"-0" Mean: 0"	64°	NE 2mph G: 5mph
07-31-2021 Sat 8am	64°		0%	0%	0"-0" Mean: 0"	0"-0" Mean: 0"	64°	NE 2mph G: 6mph

10PM Synopsis: The weather should continue to be quiet this evening. At this hour weather stations on site are sitting at ~73°F with humidity ~59%. Winds have been averaging 3-6MPH out of the N. We continue to keep an eye on light rain risks tomorrow. The latest hi-res model run continues to keep most of the moisture out of our area (it did tick a bit north) but a few scattered sprinkles or light showers remain possible especially in the mid-late morning into early afternoon. Favoring heavier rain risks to stay south, but there's just enough energy to at least keep the light risk around but dry air looks to limit how far north this moisture can go.

Hazardous Weather Alerts:

None



1PM Saturday Simulated Radar



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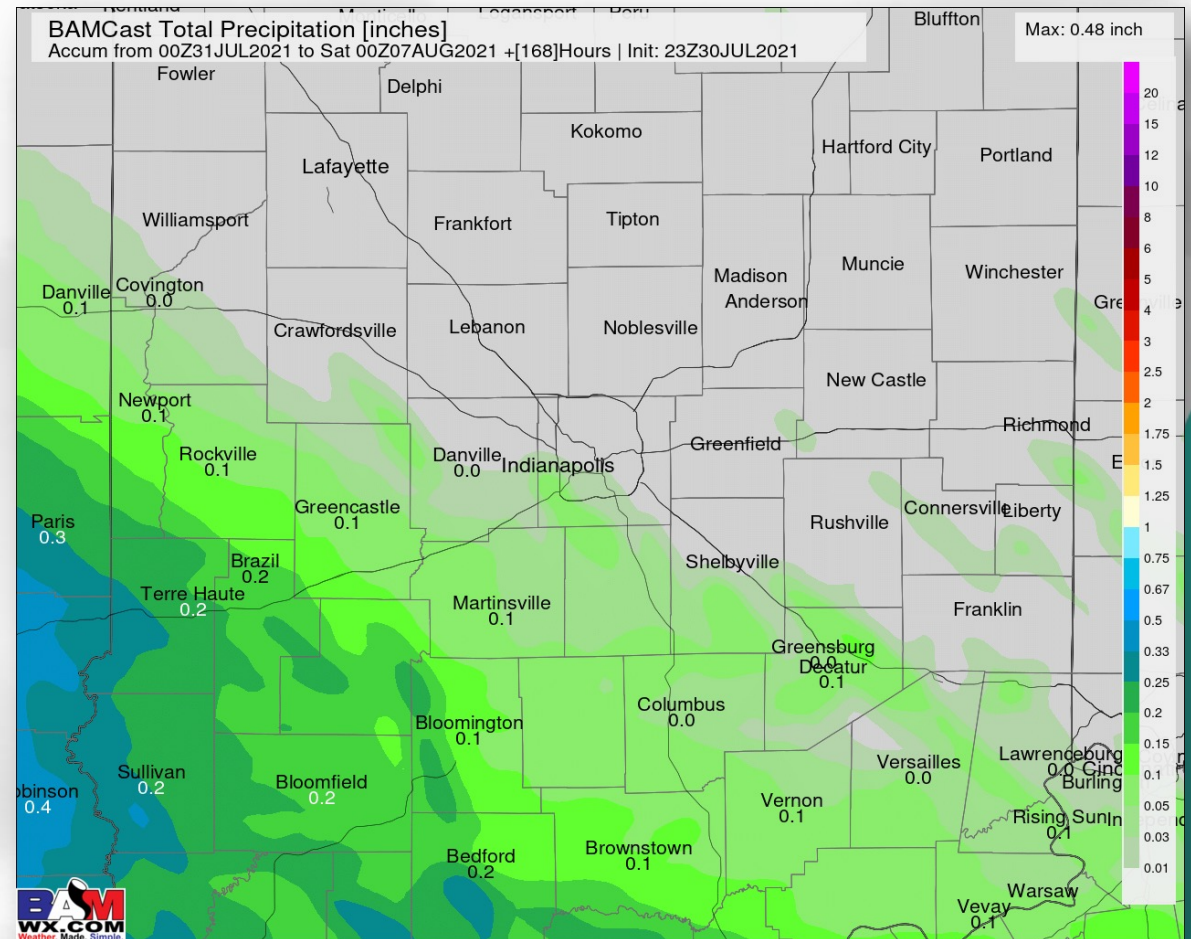
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5 Day Forecast Discussion: The latest model run continues to keep most of the moisture south of the fair. Though, it did tick a touch north and it's worth noting that a small shift 20 miles north would bring a tenth of an inch or so into play. We still believe that ~9am through around 4pm Sat should be watched for a light shower or sprinkle risk at times, however **we anticipate the bulk of the shower activity to pass southwest of the Fairgrounds.** We are still not anticipating any lightning/storm risks tomorrow. The secondary isolated chance (mostly dry conditions) comes Sunday afternoon as a weak front moves through the forecast area. Right now, a few hit or miss shower risks are possible. There is a bit of instability in the atmosphere that will need to be watched as we get closer for a rogue storm risk. Otherwise, looking dry into next week.

7-Day Rain Map:



Date	Temp	Forecast Icon	Precip %	Rain	Relative Humidity	Wind
07-31-2021 Sat	64° 75°		20% am 20% pm	0"-0.13"	63%	SW 4mph G: 8mph
08-01-2021 Sun	61° 80°		0% am 20% pm	0"-0.10"	63%	NNW 9mph G: 13mph
08-02-2021 Mon	56° 78°		0% am 0% pm	0"-0"	50%	NE 4mph G: 9mph
08-03-2021 Tue	59° 80°		0% am 0% pm	0"-0"	42%	NE 4mph G: 8mph
08-04-2021 Wed	59° 83°		0% am 0% pm	0"-0"	40%	NE 4mph G: 8mph



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Long Range Forecast Discussion & Scenarios: The forecast over the next few days becomes drier & cooler overall. The next 4-5 days will feature low humidity and cooler temps compared to the early August normal. Hi-res data is still suggesting the bulk of the rain remains south tomorrow, but as you can see below there are still ensemble members that suggest the Fair sees rain tomorrow with the multi-model most likely rainfall amount at ~0.13". However, the trend has been lower this afternoon/evening with this potential and we'd tend to lean between the low end of 0" and the most likely. Be sure to check back in tomorrow morning at 6AM for the latest trends for tomorrow. Looking ahead to next week in the 6-10 day period the heat returns along with the humidity so the heat indices will be elevated into the upper 90s. Scattered storms in hit or miss summer time fashion will be possible especially starting next Friday into the weekend with the isolated threat on Sunday.

TMax	Low End	Most Likely	High End	Extreme
Sat 7/31	78°F	81°F	84°F	84°F
Sun 8/01	81°F	83°F	85°F	86°F
Mon 8/02	79°F	81°F	86°F	89°F
Tue 8/03	80°F	84°F	86°F	91°F
Wed 8/04	83°F	85°F	91°F	94°F
Thu 8/05	85°F	87°F	93°F	96°F
Fri 8/06	87°F	89°F	92°F	93°F
Sat 8/07	87°F	90°F	92°F	94°F
Sun 8/08	87°F	90°F	93°F	94°F
Mon 8/09	86°F	90°F	93°F	95°F

Rain	Low End	Most Likely	High End	Extreme
Sat 7/31	0"	0.13"	0.65"	1.29"
Sun 8/01	0"	0"	0.03"	0.08"
Mon 8/02	0"	0"	0.01"	0.04"
Tue 8/03	0"	0"	0"	0.03"
Wed 8/04	0"	0"	0.02"	0.05"
Thu 8/05	0"	0"	0.05"	0.1"
Fri 8/06	0"	0.01"	0.13"	0.39"
Sat 8/07	0"	0.08"	0.47"	0.94"
Sun 8/08	0"	0.16"	0.69"	1.39"
Mon 8/09	0"	0.18"	0.71"	1.23"