



Indiana State Fair

10AM Weather Forecast

Tuesday, August 17, 2021

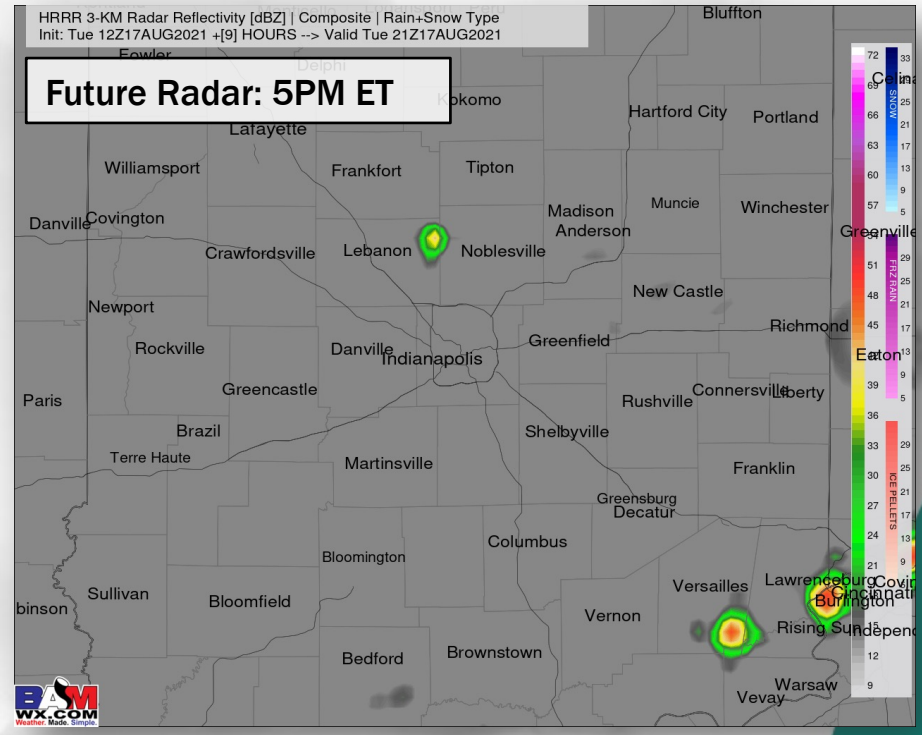


Hour by Hour Forecast:

Time	Temp	Forecast Icon	Precip %	Lightning Prob %	Rain Hourly Range	Rain Accum Range	Feels Like	Wind
08-17-2021 Tue 10am	74°		0%	0%	0"-0" Mean: 0"	0"-0.01" Mean: 0"	74°	ESE 2mph G: 4mph
08-17-2021 Tue 11am	76°		0%	0%	0"-0" Mean: 0"	0"-0.01" Mean: 0"	76°	ESE 4mph G: 4mph
08-17-2021 Tue 12pm	78°		10%	0%	0"-0" Mean: 0"	0"-0.01" Mean: 0"	81°	E 4mph G: 5mph
08-17-2021 Tue 1pm	81°		0%	0%	0"-0" Mean: 0"	0"-0.01" Mean: 0"	84°	E 4mph G: 5mph
08-17-2021 Tue 2pm	82°		10%	10%	0"-0.01" Mean: 0"	0"-0.01" Mean: 0"	86°	ESE 4mph G: 6mph
08-17-2021 Tue 3pm	84°		10%	10%	0"-0.01" Mean: 0"	0"-0.02" Mean: 0"	87°	ESE 4mph G: 6mph
08-17-2021 Tue 4pm	84°		11%	10%	0"-0.01" Mean: 0"	0"-0.03" Mean: 0"	87°	SE 4mph G: 7mph
08-17-2021 Tue 5pm	83°		12%	10%	0"-0.44" Mean: 0"	0"-0.47" Mean: 0"	88°	SE 5mph G: 7mph
08-17-2021 Tue 6pm	83°		20%	20%	0"-0.1" Mean: 0.04"	0"-0.57" Mean: 0.04"	87°	SE 5mph G: 7mph
08-17-2021 Tue 7pm	81°		30%	20%	0"-0.18" Mean: 0.05"	0"-0.75" Mean: 0.09"	85°	SE 6mph G: 7mph
08-17-2021 Tue 8pm	80°		30%	25%	0"-0" Mean: 0.03"	0"-0.75" Mean: 0.12"	83°	SE 5mph G: 7mph

10AM Synopsis: Good Tuesday morning! Thoughts from the 6AM forecast stay relatively the same. Fog continues but is starting to dissipate over the next hour. Some slight (10 - 20%) chances for precipitation are possible after noon today through about 5PM. If we can continue to build in some energy in the atmosphere this afternoon we think a slightly better chance for an isolated shower / storm will be possible from 5-9PM, but we will need to iron that out that potential in our next update. To reiterate, things stay overall dry this morning to early afternoon, with calm winds out of the E/SE at ~4 - 8 MPH.

Hazardous Weather Alerts: Patchy Dense Fog this AM





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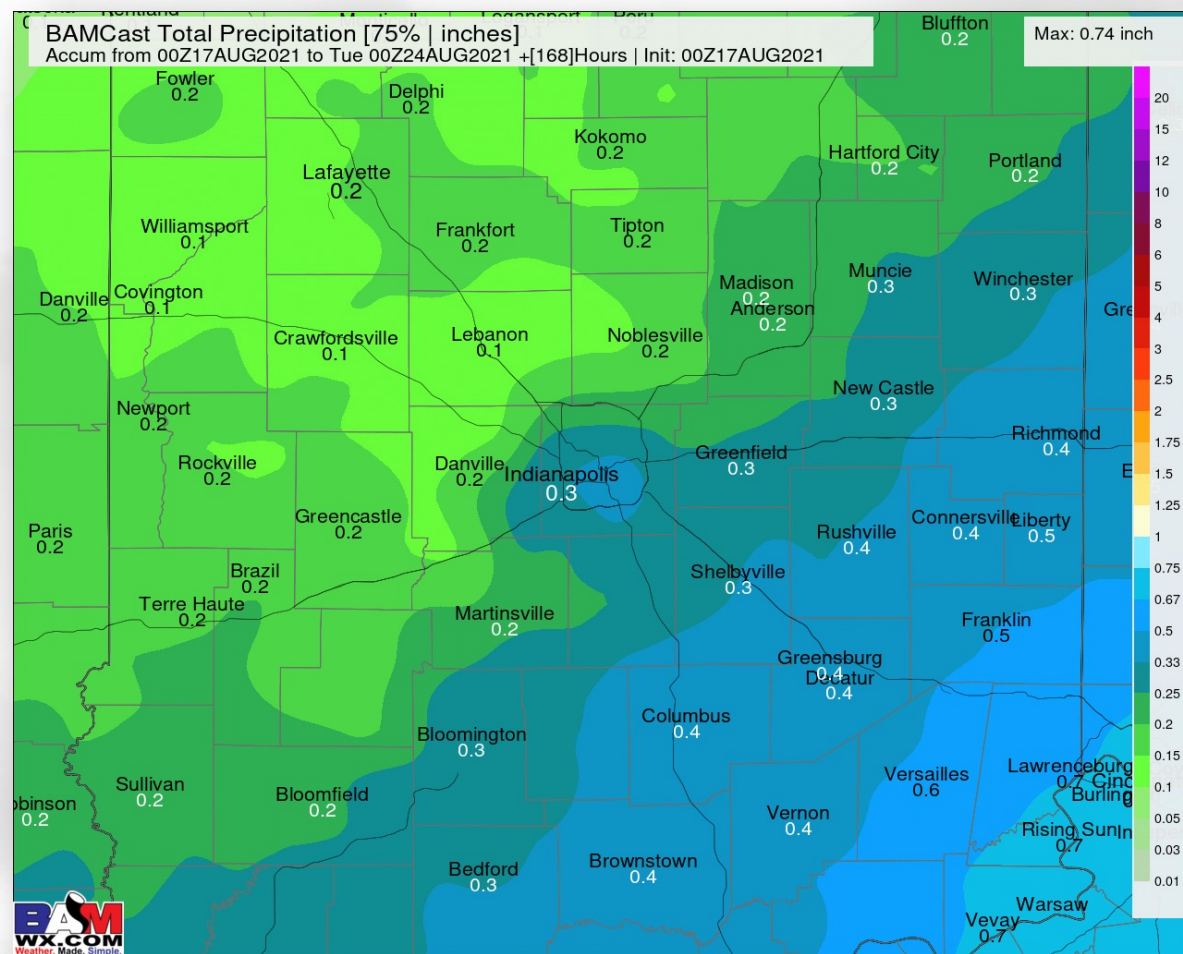
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5 Day Forecast Discussion: Isolated rain chances will be possible essentially every day this week. However, no one day is anticipated to be a washout as chances look to be very hit and miss vs widespread. A few storms capable of lightning will be possible into the afternoon/evening hours with the presence of instability. No severe weather is expected. Temperatures and humidity will be on the uptick as well the next few days. Heat index values in the upper 80's F to lower 90's F will be possible as early as today, with better odds of hitting this mark by tomorrow into Thursday. Winds overall should be rather weak over the next few days as well. One thing worth noting is Tropical Storm Fred's track has shifted slight further east, which has lowered a bit our forecasted rain chances to end the work week (Thurs/Fri) with Thursday being the best day of staying completely dry, this slight downtick shown right in our 7 - day rainfall outlook, which is slightly drier than yesterday. We will continue to update as things roll forward.

7-Day Rain Map:



Date	Temp	Forecast Icon	Precip %	Rain	Relative Humidity	Wind
08-17-2021 Tue	69° 84°		10% am 51% pm	0.13"-0.61"	67%	ESE 4mph G: 7mph
08-18-2021 Wed	70° 85°		9% am 37% pm	0"-0.06"	69%	S 2mph G: 5mph
08-19-2021 Thu	70° 85°		14% am 34% pm	0"-0.07"	66%	SW 3mph G: 5mph
08-20-2021 Fri	69° 87°		6% am 25% pm	0"-0.03"	62%	S 4mph G: 6mph
08-21-2021 Sat	70° 86°		20% am 42% pm	0.01"-0.24"	69%	SSW 6mph G: 11mph



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Long Range Forecast Discussion & Scenarios: Today, a few isolated showers will be possible again in the afternoon, but by no means will be a washout; several drier hour-stretches are likely throughout each day. Today and tomorrow are likely the same where there will be periods of hit and miss rounds of light to moderate precipitation and a few lightning strikes cannot be ruled out mainly focused in the afternoon. Thursday/Friday hold the lowest potential regarding precipitation chances right now, before additional scattered chances into the upcoming weekend. Currently, the threat for severe weather appears low. Temps the first half of the week will hover in the low-to-mid 80s with a slight chance to reach "feels like" temps in the lower 90s, but late week (~Wed and beyond) the potential for "feels like" temps to return to the upper 90s / low 90s look increasingly likely.

TMax	Low End	Most Likely	High End	Extreme
Tue 8/17	85°F	86°F	87°F	88°F
Wed 8/18	86°F	87°F	88°F	89°F
Thu 8/19	87°F	89°F	90°F	91°F
Fri 8/20	87°F	89°F	91°F	92°F
Sat 8/21	86°F	89°F	90°F	91°F
Sun 8/22	87°F	89°F	92°F	94°F
Mon 8/23	88°F	91°F	94°F	95°F
Tue 8/24	88°F	91°F	93°F	94°F
Wed 8/25	88°F	91°F	93°F	94°F
Thu 8/26	84°F	89°F	92°F	93°F

Rain	Low End	Most Likely	High End	Extreme
Tue 8/17	0.04"	0.16"	0.4"	0.63"
Wed 8/18	0.01"	0.08"	0.29"	0.53"
Thu 8/19	0"	0.04"	0.35"	0.74"
Fri 8/20	0"	0.09"	0.47"	0.99"
Sat 8/21	0"	0.29"	0.79"	1.31"
Sun 8/22	0"	0.04"	0.37"	0.68"
Mon 8/23	0"	0.01"	0.21"	0.49"
Tue 8/24	0"	0.01"	0.25"	0.5"
Wed 8/25	0"	0.03"	0.29"	0.66"
Thu 8/26	0"	0.01"	0.35"	0.84"