



Indiana State Fair

10AM Weather Forecast

Monday, August 9, 2021

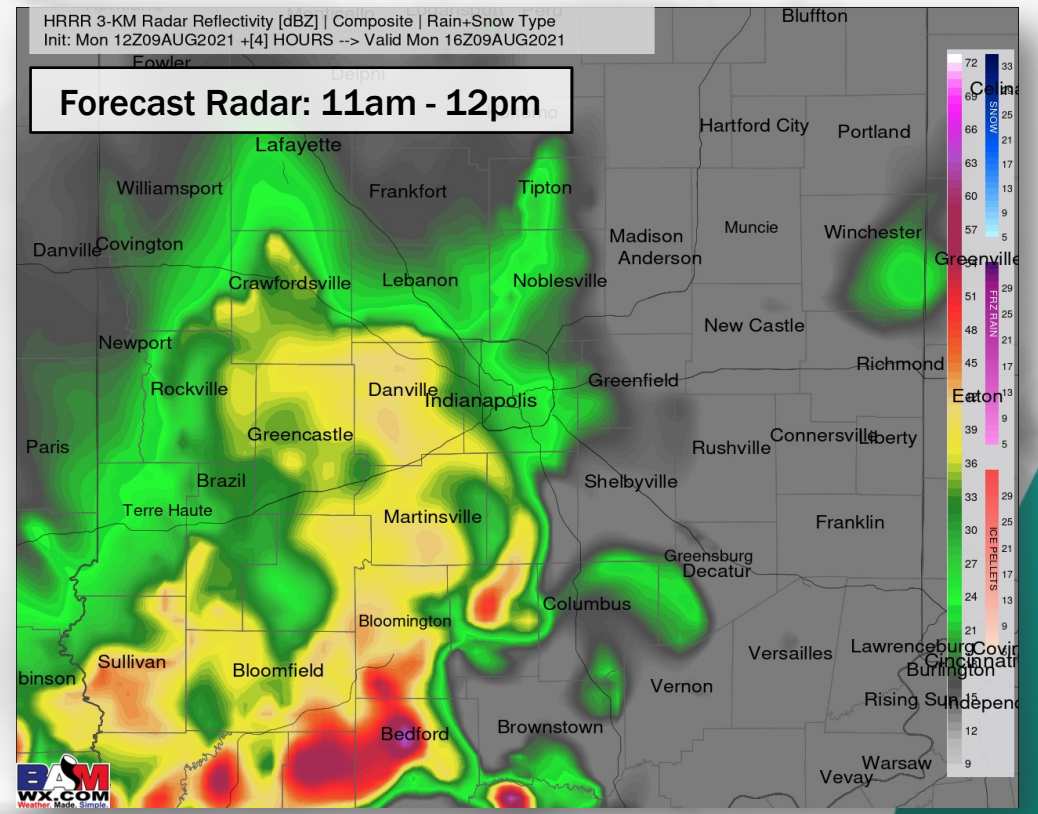


Hour by Hour Forecast:

10AM Synopsis: Rain continues to make its way east towards the Indy metro this morning, but so far has been struggling to be widespread due to dry air; we are still anticipating the best timeframe for scattered rainfall between 10am-3pm. Lightning risks have decreased vs this morning as we haven't been able to work in much instability in the atmosphere, but can't be fully ruled out if a storm develops overhead. Late afternoon to evening hours are anticipated to be on the drier side, as noted this morning in the 6am update. We will still need to watch for a decaying storm cluster from the north after sunset tonight to possibly push south towards Indy into the pre-dawn hours of Tuesday, but will touch on this in a later report today.

Hazardous Weather Alerts: Scattered showers / storms today

Time	Temp	Forecast Icon	Precip %	Lightning Prob %	Rain Hourly Range	Rain Accum Range	Feels Like	Wind
08-09-2021 Mon 10am	75°		50%	20%	0"-0" Mean: 0"	0"-0.07" Mean: 0"	75°	SSW 8mph G: 13mph
08-09-2021 Mon 11am	76°		70%	20%	0"-0" Mean: 0.01"	0"-0.07" Mean: 0.01"	76°	S 9mph G: 13mph
08-09-2021 Mon 12pm	77°		60%	20%	0"-0" Mean: 0"	0"-0.07" Mean: 0.01"	77°	SSW 10mph G: 14mph
08-09-2021 Mon 1pm	78°		40%	20%	0"-0" Mean: 0"	0"-0.07" Mean: 0.01"	81°	SSW 9mph G: 15mph
08-09-2021 Mon 2pm	80°		25%	20%	0"-0" Mean: 0"	0"-0.07" Mean: 0.01"	84°	SSW 10mph G: 16mph
08-09-2021 Mon 3pm	81°		10%	10%	0"-0" Mean: 0"	0"-0.07" Mean: 0.01"	85°	SSW 10mph G: 16mph
08-09-2021 Mon 4pm	81°		0%	0%	0"-0" Mean: 0"	0"-0.07" Mean: 0.01"	86°	SSW 10mph G: 15mph
08-09-2021 Mon 5pm	82°		0%	0%	0"-0" Mean: 0"	0"-0.07" Mean: 0.01"	87°	SSW 10mph G: 15mph
08-09-2021 Mon 6pm	82°		0%	0%	0"-0" Mean: 0"	0"-0.07" Mean: 0.01"	88°	SSW 10mph G: 15mph
08-09-2021 Mon 7pm	82°		0%	0%	0"-0" Mean: 0"	0"-0.07" Mean: 0.01"	88°	SSW 10mph G: 15mph





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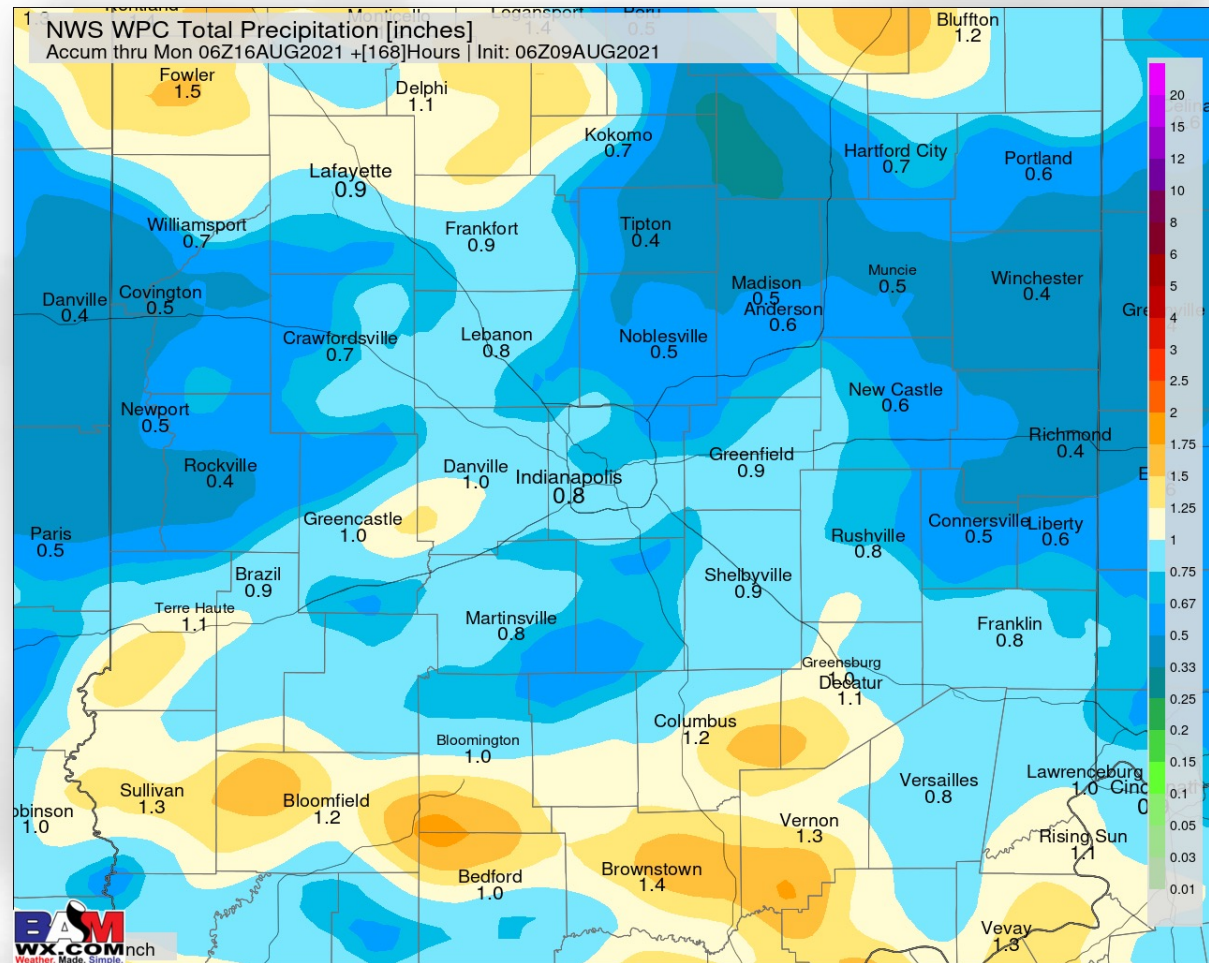
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5 Day Forecast Discussion: As noted in slide 1 and last night's updates, we continue to eye scattered shower and storm activity this morning through early afternoon. With this first round, we are not anticipating severe weather. However, we continue to monitor the risk for a southward-diving storm cluster across northern/northwestern IN heading towards sunset through pre-dawn Tuesday. At this time confidence is on the lower side of things that this cluster makes it in a stronger-storm fashion to Indy, but in a more weakened state if it does so. Outside of this, near-daily rain chances will be possible through Friday this week. The best shot likely comes with a cold front passage later Friday afternoon to evening at this distance, in which we could also be dealing with strong to severe storm potential here as well (this will need to be fine-tuned as we get closer this week).

7-Day Rain Map:



Date	Temp	Forecast Icon	Precip %	Rain	Relative Humidity	Wind
08-09-2021 Mon	72° 83°		70% am 50% pm	0.05"-0.32"	77%	SSW 8mph G: 14mph
08-10-2021 Tue	74° 91°		12% am 25% pm	0"-0.06"	66%	SW 8mph G: 13mph
08-11-2021 Wed	74° 91°		28% am 34% pm	0.02"-0.23"	66%	SW 10mph G: 15mph
08-12-2021 Thu	76° 92°		21% am 36% pm	0.01"-0.25"	62%	WSW 8mph G: 14mph
8-13-2021 Fri	74° 90°		31% am 37% pm	0"-0.18"	62%	W 6mph G: 11mph



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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 but then bring drier and a bit cooler and less humid weather for next weekend.

TMax	Low End	Most Likely	High End	Extreme
Mon 8/09	86°F	87°F	89°F	90°F
Tue 8/10	91°F	93°F	94°F	95°F
Wed 8/11	91°F	93°F	95°F	95°F
Thu 8/12	92°F	94°F	96°F	97°F
Fri 8/13	88°F	91°F	94°F	95°F
Sat 8/14	84°F	87°F	90°F	91°F
Sun 8/15	84°F	87°F	89°F	91°F
Mon 8/16	85°F	88°F	90°F	91°F
Tue 8/17	86°F	89°F	91°F	93°F
Wed 8/18	87°F	89°F	91°F	93°F

Rain	Low End	Most Likely	High End	Extreme
Mon 8/09	0.14"	0.45"	0.92"	1.23"
Tue 8/10	0"	0.06"	0.33"	0.57"
Wed 8/11	0.02"	0.23"	0.72"	1.08"
Thu 8/12	0.01"	0.25"	0.77"	1.33"
Fri 8/13	0"	0.18"	0.55"	0.84"
Sat 8/14	0"	0"	0.18"	0.67"
Sun 8/15	0"	0"	0.01"	0.12"
Mon 8/16	0"	0"	0.12"	0.51"
Tue 8/17	0"	0.01"	0.26"	0.6"
Wed 8/18	0"	0.04"	0.36"	0.74"