

THUNDERSTORM WARNING: 2407151957

DATE: MONDAY, JULY 15, 2024 TIME: 07:57 PM FORECASTER: MM/SMT

WARNING DETAILS

B6	R4	TOTAL Accumulation	START TIME: MONDAY	END TIME: TUESDAY
60% MAJOR Trouble		Primary: 0.5 - 1.0 inch 60%	Primary: 9 PM - 11 PM 70%	Primary: 1 AM - 3 AM 60%
40% SIGNIFICANT Trouble		Alt: 1.0 - 1.5 inches 40%	Alt: 7 PM - 9 PM 30%	Alt: 3 AM - 5 AM 40%

HAZARDS		STORM CHARACTERISTICS		WINDS	
Weather Type:	Prob:	Description:	Prob:	Direction and Speed:	Prob:
Numerous Thunderstorms	100%	Generally Severe	60%	SOUTHWEST at 12-16 MPH	70%
Squall Line	100%	Locally Severe	40%	Bcmg: NORTHWEST at 1AM-3AM	70%
Possible Tornado	10%	All of Area Affected	100%	Gusts in Storms: 50-60 MPH	70%
Rain	100%	Local Areas of Flooding	100%	Gusts to 30 mph	100%
				Gusts to 40 mph	100%
				Gusts to 50 mph	80%
				Gusts to 60 mph	40%
				Gusts over 60 mph	30%

COMMENTS

Major Trouble Expected	60%
Moderate Trouble Expected	40%
Frequent Cloud to Ground Lightning	80%
Continuous Cloud to Ground Lightning	20%
Main Trouble Due to Lightning	70%
Main Trouble Due to Wind	100%
Main Trouble Due to Rain	70%

WARNING DISCUSSION

A LINE OF SEVERE THUNDERSTORMS OVER NORTHWEST ILLINOIS WILL MOVE OVER THE CHICAGO METRO LATER THIS EVENING INTO TONIGHT. THESE STORMS WILL LIKELY ARRIVE SEVERE WITH WIDESPREAD WIND GUSTS TO 50-60 MPH, WITH EVEN A CHANCE FOR 60 TO 75 MPH FOR SOME LOCATIONS. STORMS WILL LIKELY PRODUCE MODERATE TO HEAVY RAINFALL AND FREQUENT TO CONTINUOUS LIGHTNING WITH A POTENTIAL FOR LARGE HAIL. AN ISOLATED TORNADO CANNOT BE RULED OUT. DOWNPOURS MAY CAUSE AREAS OF STANDING WATER OR LOCAL FLOODING. SHOWERS AND STORMS WILL DIMINISH THEN END/EXIT THE REGION LATER TONIGHT.

WEATHER FOLLOWING THE STORM

A CHANCE OF ADDITIONAL SHOWERS AND STORMS MAINLY ALONG AND SOUTH OF I-80 FOR TUESDAY AFTERNOON/EARLY EVENING.

G=Green=No Trouble	Y=Yellow=Minor Trouble	R=Red=Significant Trouble	B=Black=Major Trouble
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Operational Trouble Color Codes shown as a Percentage (example Y7 = 70% chance for Minor Trouble)

All Warnings and details contained herein are made subject to the inherent limitations of the science of Meteorology. Because of this, these warnings and details therein should be considered supplementary to and are not intended to replace other pertinent weather information or road condition reports. As the probability factors, herein illustrate, there is a margin of error in all weather forecasting that must be acknowledged and accounted for.

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