

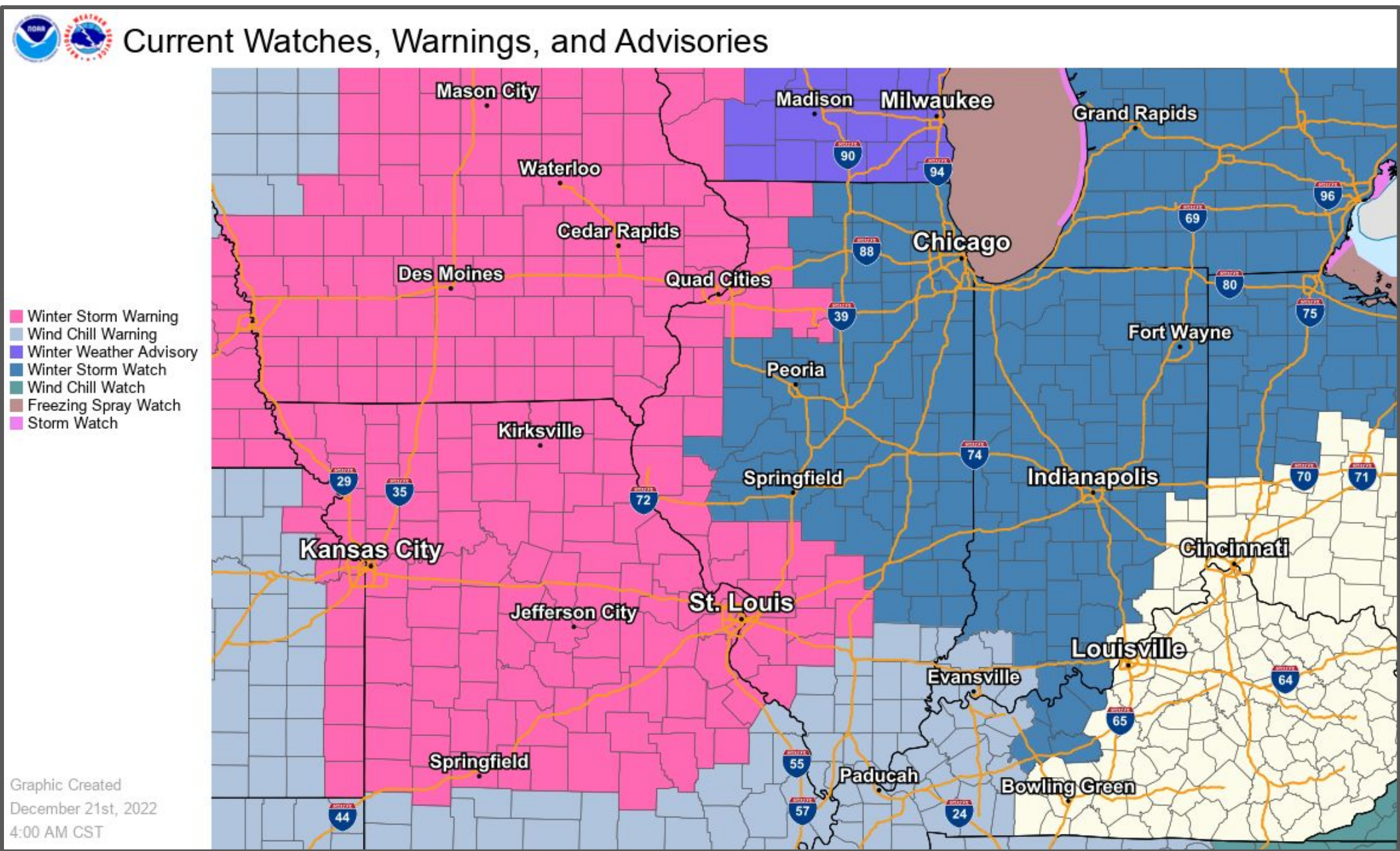


Decision Support Briefing

December 21, 2022
6:00 AM

Latest Weather Headlines

- A Winter Storm Warning is in effect over northwest and southwest Illinois Thursday through Friday night.
- A Winter Storm Watch is in effect over central and northwest Illinois
- A Wind Chill Warning is in effect over southern Illinois





Decision Support Briefing

December 21, 2022
6:00 AM

Bottom Line Up Front

What	Where	When	Impacts
Extreme Cold	Statewide	Thursday - Sunday	• Low temperatures near or below zero • Wind chill values 10 to 35 below zero • Frostbite and hypothermia could result w/ prolonged exposure
Strong Winds	Statewide	Thursday - Saturday	• Gusts 30-50 mph • Blizzard-like conditions • Sporadic power outages and minor damage to property possible
Accumulating Snow	Statewide	Thursday - Friday	• Confidence high in <u>some</u> snow • Confidence low in exact amounts and location of heaviest snowfall





Decision Support Briefing

December 21, 2022
6:00 AM

Weather Hazards at a Glance

	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
Strong Wind		Gusts 30-40 mph, mainly afternoon	Gusts 35-45 mph	Gusts 40-50 mph	Gusts 35-50 mph	Gusts 30-35 mph
Wind Chill		-20 to -25 F	-25 to -35 F	-15 to -25 F	-20 to -30 F	-10 to -25 F
Snow/Ice	Snow starting Late Wed night	West: Snow East: Rain/Snow -> Snow	Snow diminishing, Blowing snow	Blowing snow	Blowing snow	

Risk Levels

Little to None

Limited

Elevated

Significant

Extreme



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Lincoln, IL



Decision Support Briefing

December 21, 2022
6:00 AM

Forecast Highlights

- A powerhouse winter storm will lift across Illinois between Thur & Sat bringing accumulating snow, gusty winds, and extreme cold. Travel may become difficult to impossible during the peak of the storm.
- Snow:
 - The most impactful snow will arrive Thursday with the peak intensity coming Thursday afternoon
 - Confidence has increased on snowfall amounts, but some uncertainty still remains
 - Most probable outcome:
 - North 2-5 inches
 - Central 2-4 inches
 - South 1-3 inches
 - Northeast Illinois appears to be in line for the highest snowfall totals
- Gusty Winds:
 - Thursday into Friday will be the windiest days with gusts between 40-50 mph, though gusts exceeding 30 mph will occur through Saturday
 - Blowing and drifting snow could make snow removal difficult, reduce visibility, and make travel difficult to impossible
 - Sporadic power outages and minor damage to property are plausible impacts
- Extreme Cold:
 - Low temperatures near or below zero Thursday night - Saturday night
 - Wind chill values will be 10 to 35 degrees below zero Thursday night - Saturday night

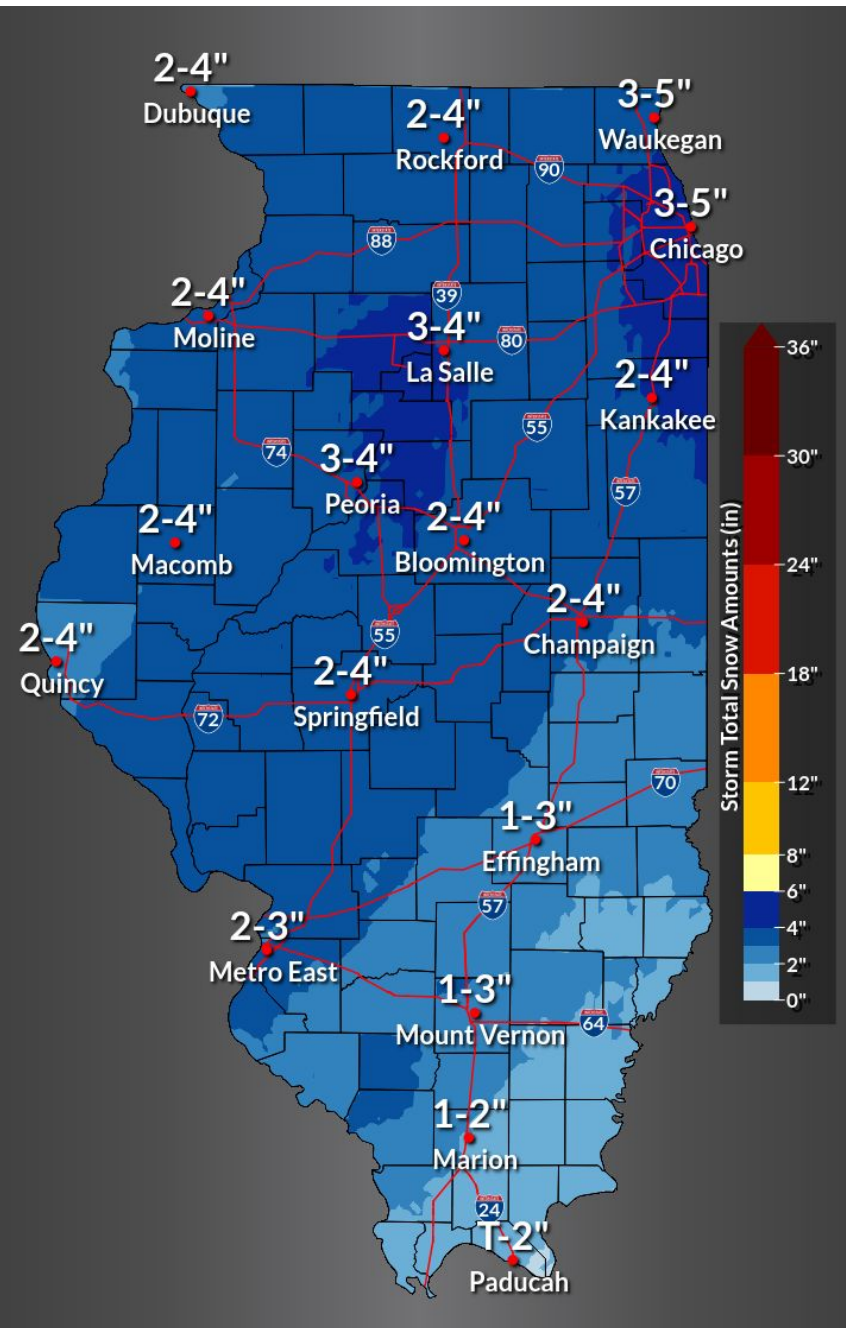




Decision Support Briefing

December 21, 2022
6:00 AM

Expected Snowfall through Friday AM



WHAT:

- Accumulating snow beginning Thu AM & ending Thu evening
- Although snow will end late Thu evening, strong winds through Sat will result in blowing snow & significant reduced visibility at times
 - North 2-5 inches
 - Central 2-4 inches
 - South 1-3 inches

IMPACTS:

- Hazardous travel due to new snowfall & blowing snow on Thu
- Difficult to possible impossible travel Thu evening-Sat morning from blowing snow

ACTIONS:

- Plan ahead if you have travel plans!
- Monitor the latest forecast from a reliable source

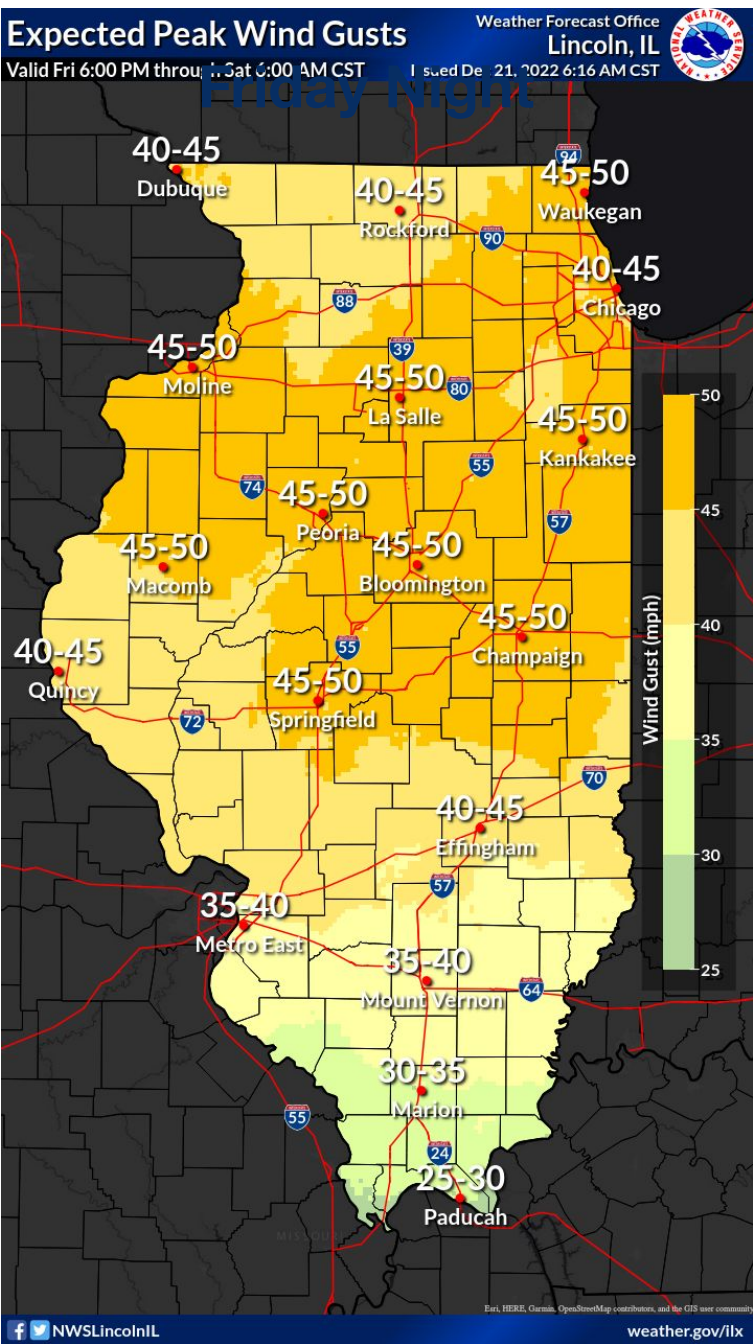
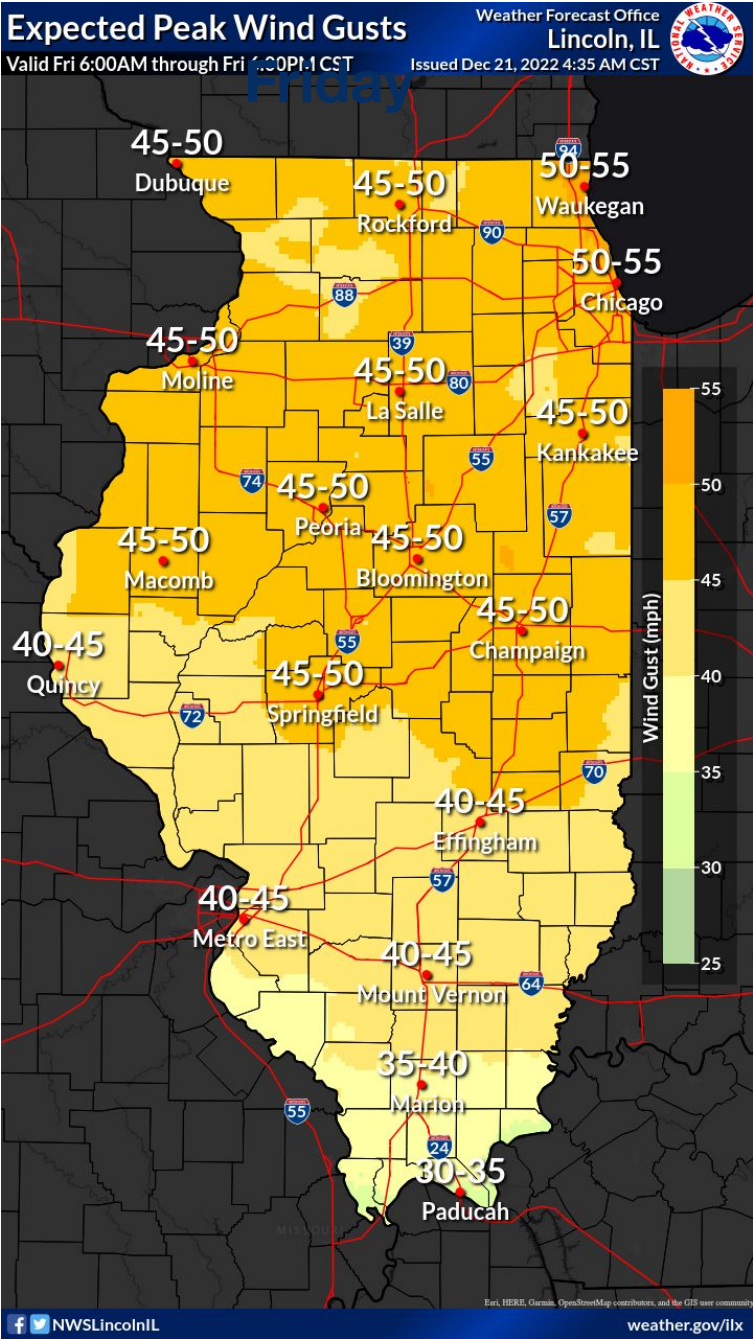
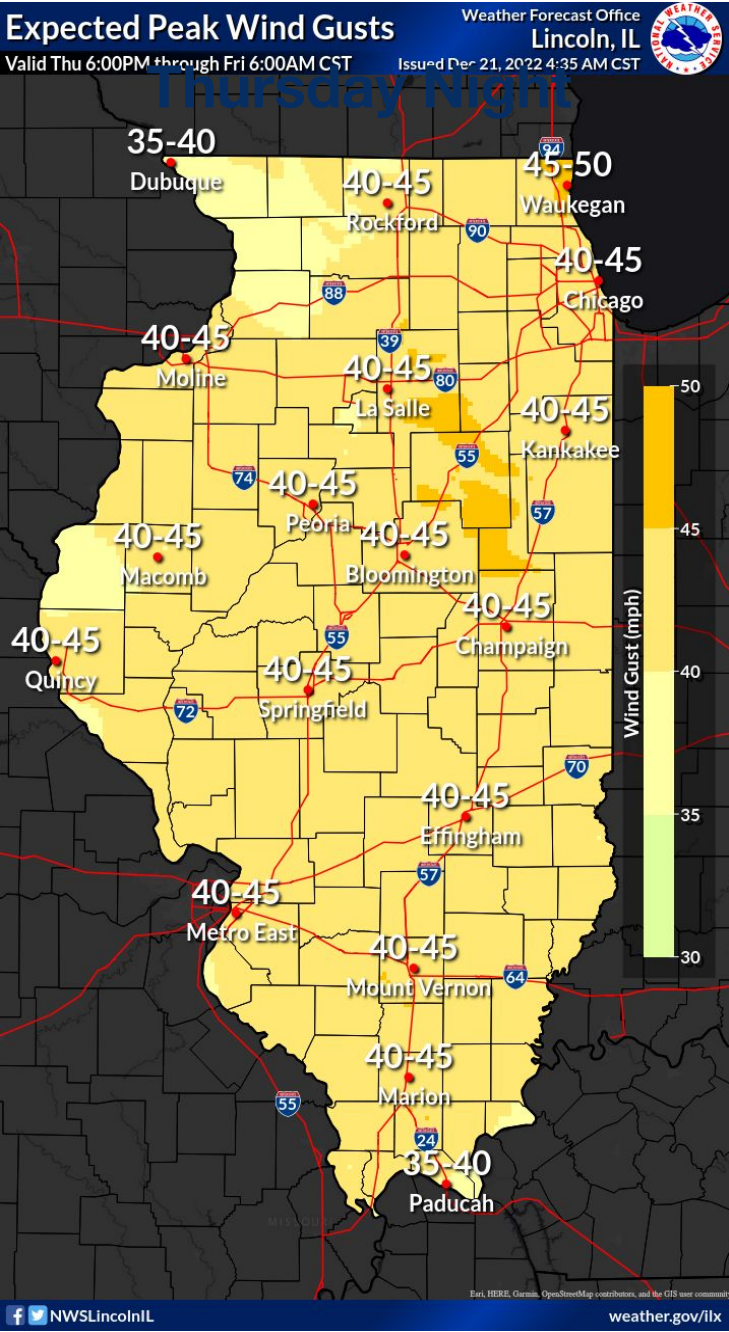




Decision Support Briefing

December 21, 2022
6:00 AM

Max Wind Speeds Thursday Night, Friday, and Friday Night

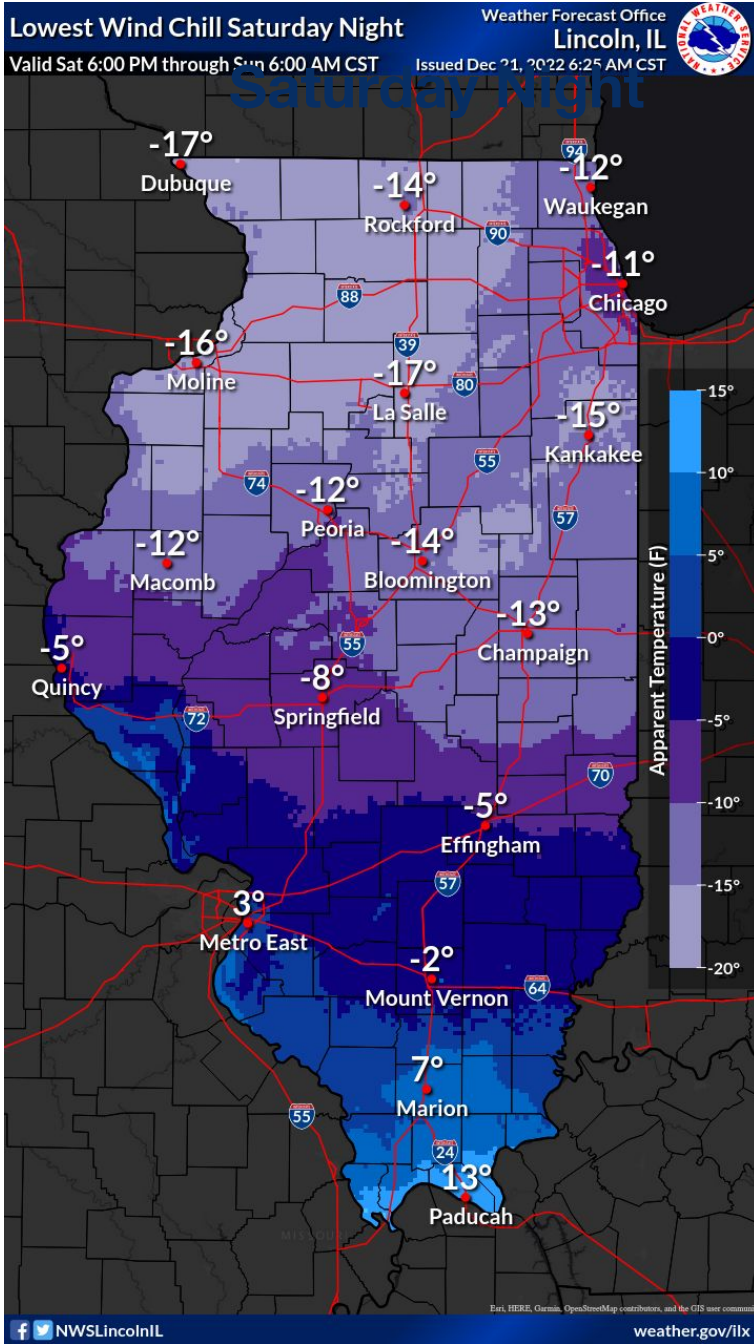
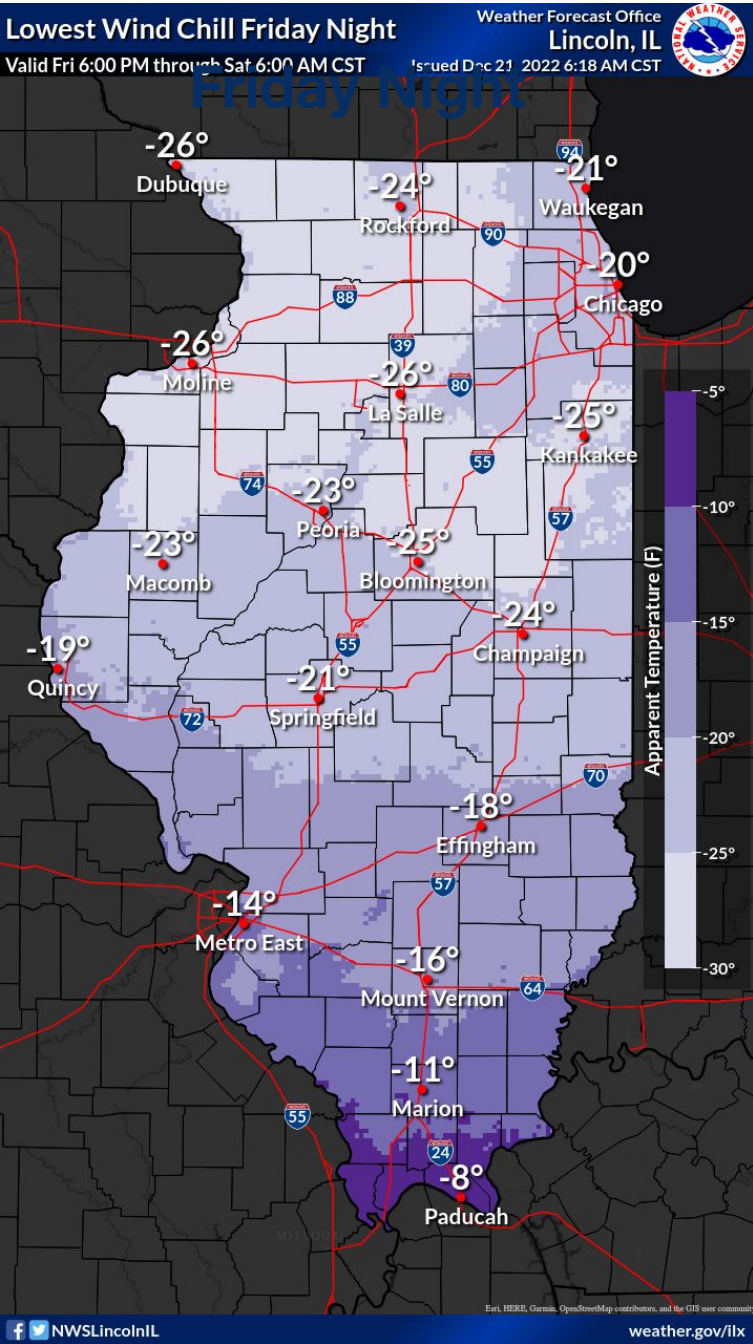
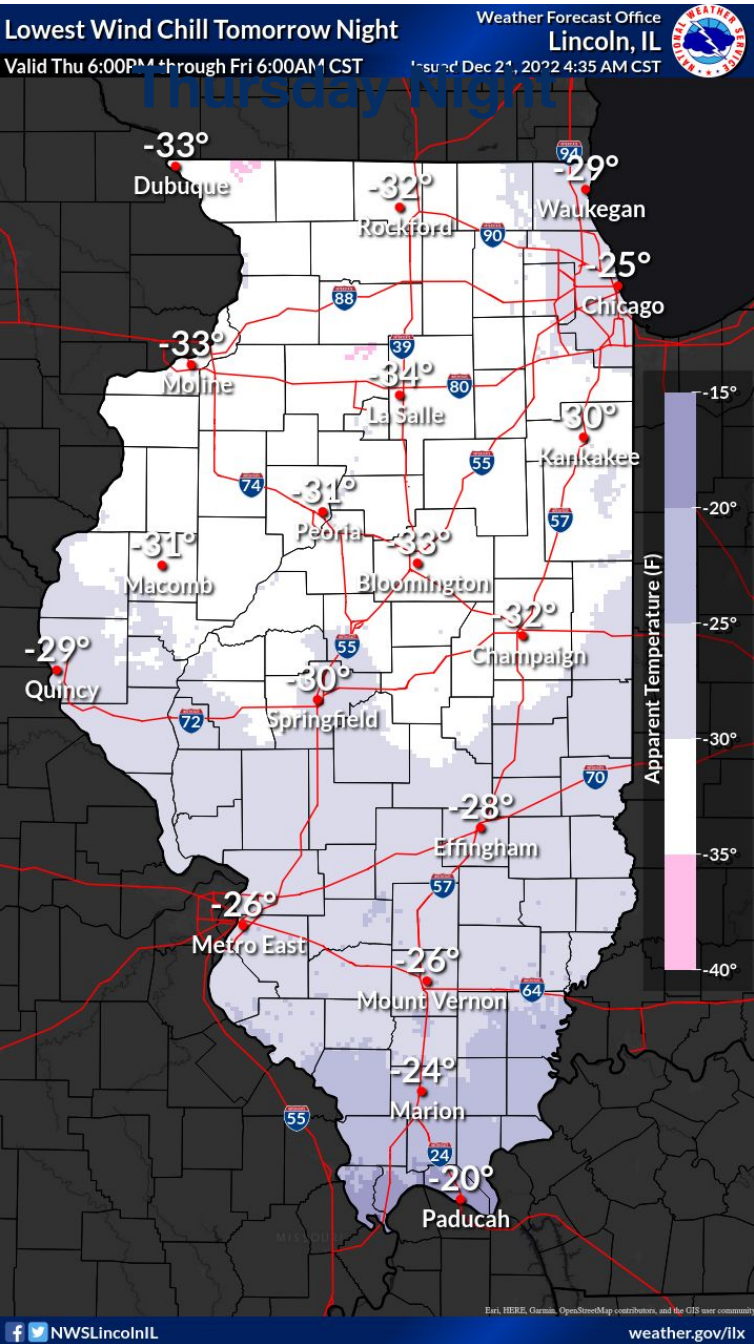




Decision Support Briefing

December 21, 2022
6:00 AM

Min Wind Chills Thursday Night through Saturday Night

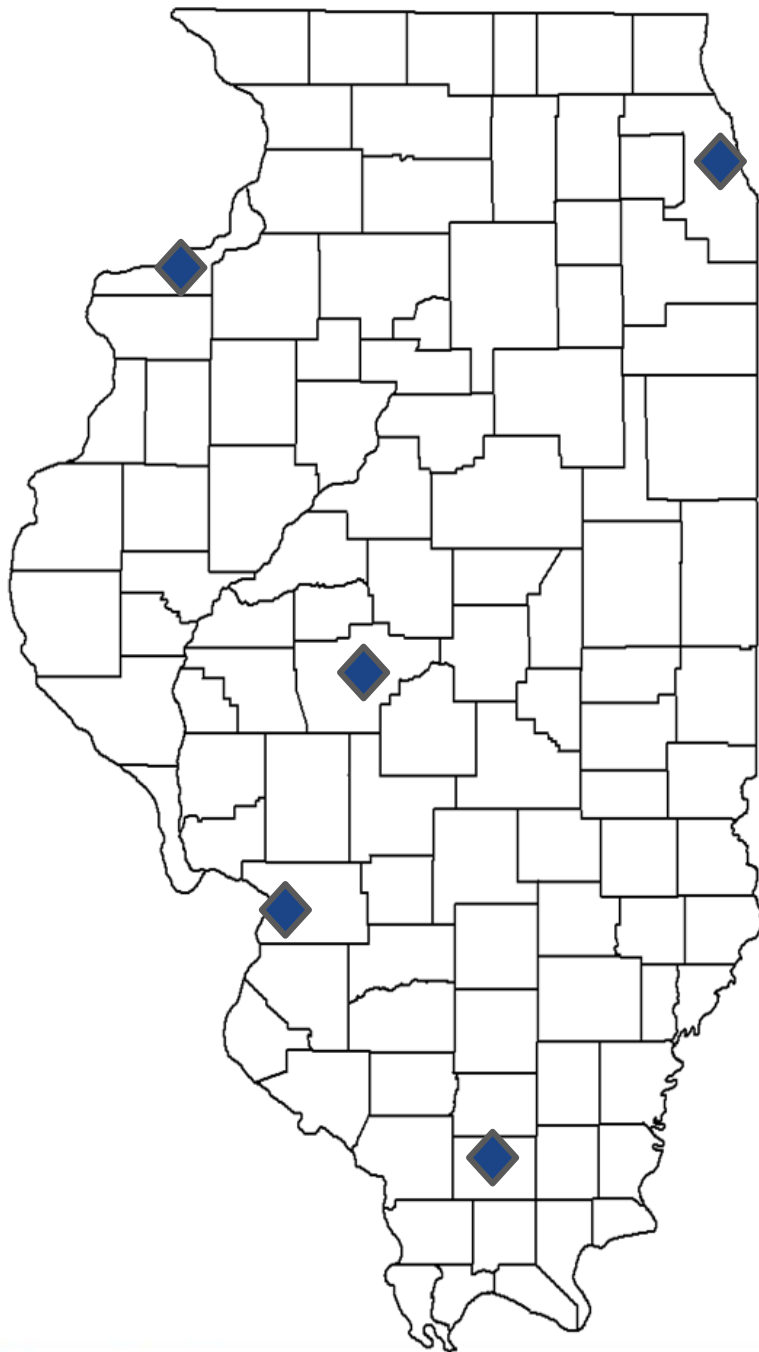




Decision Support Briefing

December 21, 2022
6:00 AM

Illinois 7 Day Outlook



ROWS INCLUDE...
Daily predominant daytime weather 6AM-6PM
Forecast temperatures...early morning low/daytime high
Probability of precipitation nighttime 6PM-6AM/daytime 6AM-6PM
- indicates temperatures below zero
MM indicates missing data

FCST	FCST	FCST	FCST	FCST	FCST	FCST
Today	Thu	Fri	Sat	Sun	Mon	Tue
Dec 21	Dec 22	Dec 23	Dec 24	Dec 25	Dec 26	Dec 27
...Illinois...						
Quad Cities						
Mocldy	Snow	Blgsno	Blgsno	Vrycld	Mocldy	Ptcldy
/27	17/23	-8/1	-4/7	-5/17	9/22	3/21
/20	60/90	10/00	00/00	00/10	40/10	10/00
Chicago Downtown						
Cloudy	Snow	Snoshwr	Blgsno	Vrycld	Mocldy	Ptcldy
/30	30/35	-2/3	1/10	1/14	10/24	11/24
/10	20/100	90/60	30/10	10/00	30/20	10/00
Springfield						
Mocldy	Rnsnow	Blgsno	Blgsno	Sunny	Mocldy	Ptcldy
/34	31/32	-6/3	-1/10	1/20	15/28	10/25
/00	10/100	20/00	00/00	00/00	30/10	10/00
Metro East						
Mocldy	Snow	Blgsno	Vrycld	Sunny	Mocldy	Ptcldy
/38	32/34	-3/6	2/15	6/25	20/31	14/31
/00	00/100	10/00	00/00	00/00	20/10	00/00
Marion						
Mocldy	Rnsnow	Vrycld	Vrycld	Ptcldy	Mocldy	Ptcldy
/43	34/42	-3/8	2/16	4/24	17/32	15/33
/00	20/100	30/00	00/00	00/00	20/10	00/00





Decision Support Briefing

December 21, 2022
6:00 AM

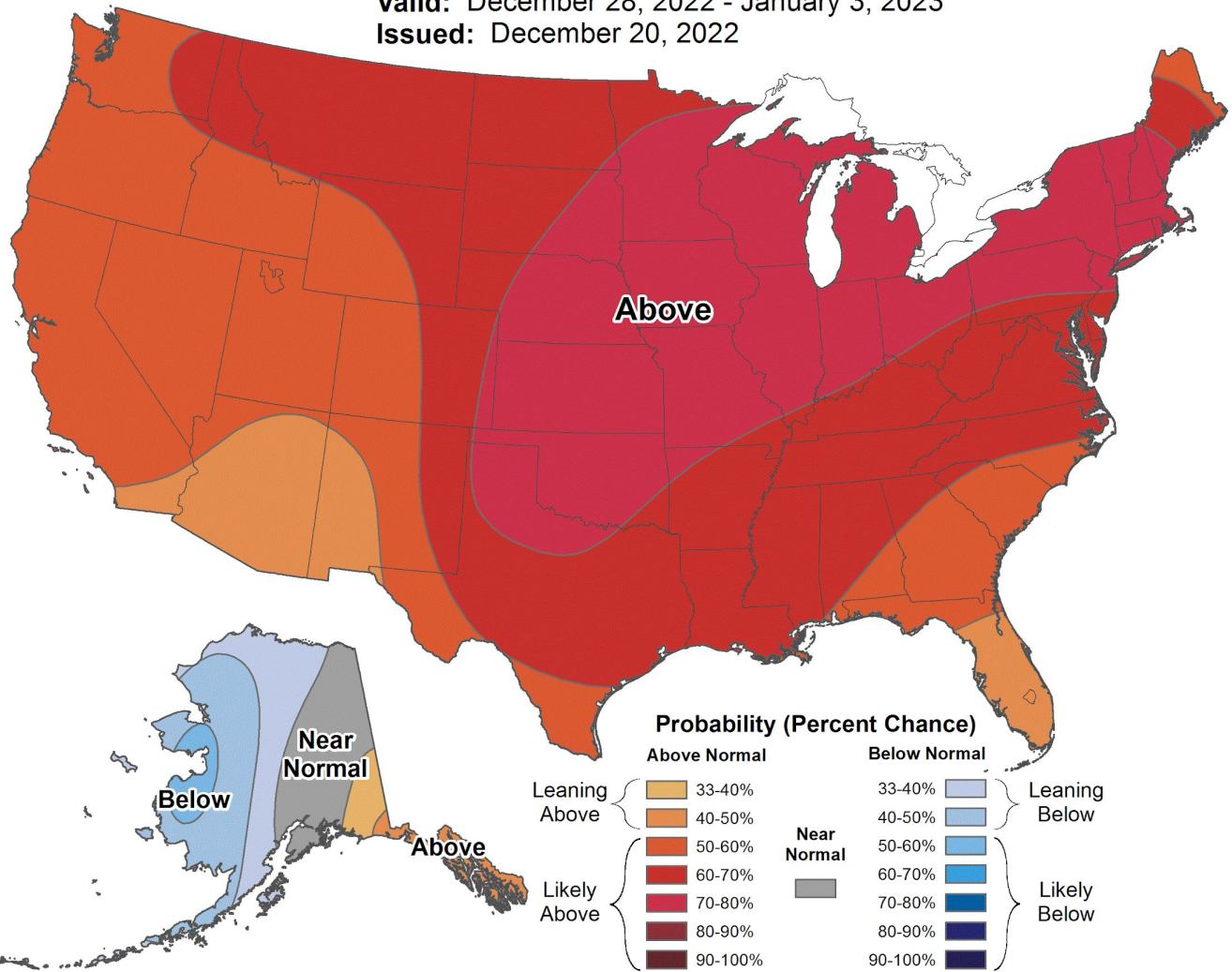
8 to 14 Day Temperature and Precipitation Outlooks



8-14 Day Temperature Outlook



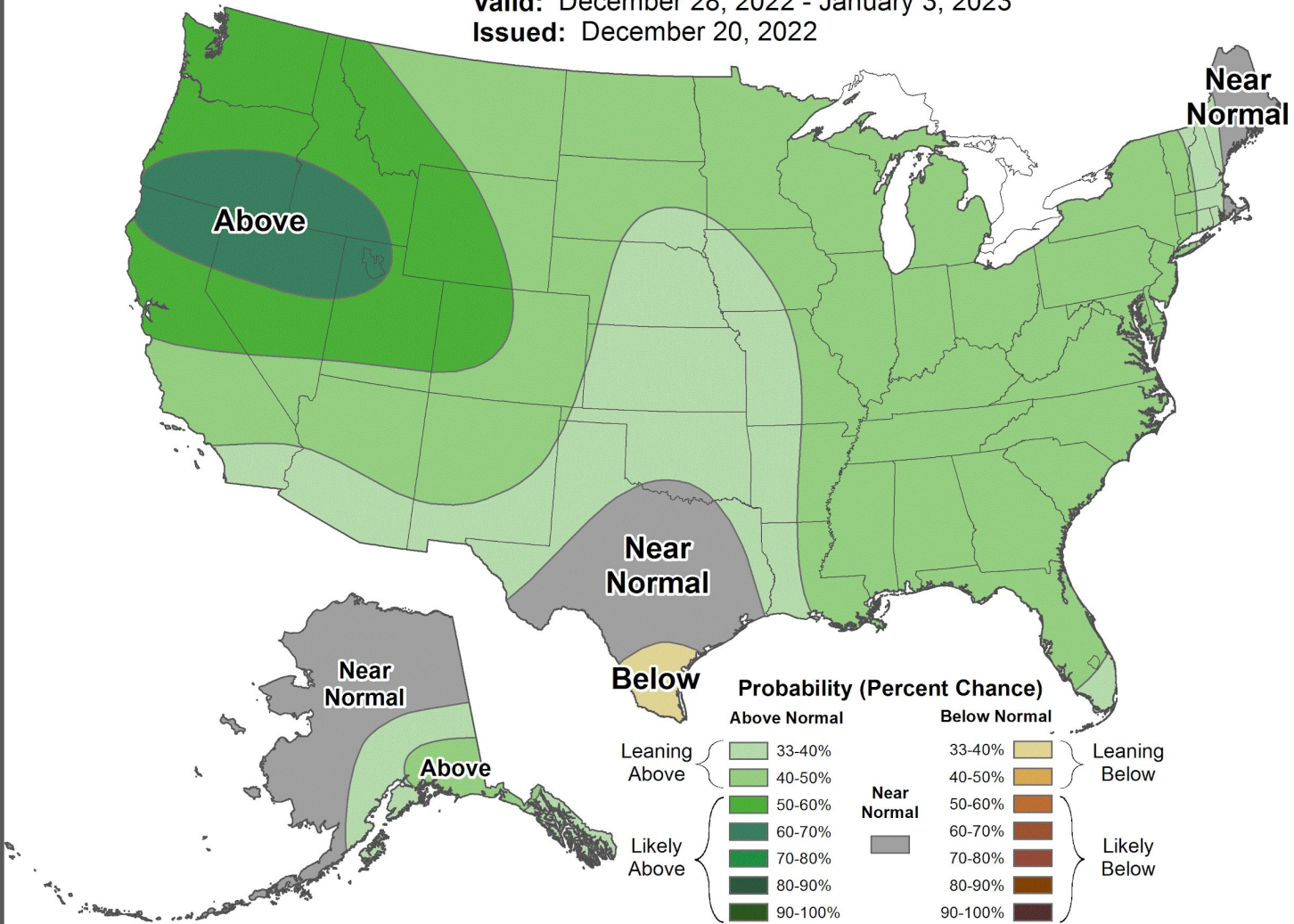
Valid: December 28, 2022 - January 3, 2023
Issued: December 20, 2022



8-14 Day Precipitation Outlook



Valid: December 28, 2022 - January 3, 2023
Issued: December 20, 2022





Decision Support Briefing

December 21, 2022
6:00 AM

Resources

Local Resources:

[NWS Chicago Briefing Weather Liaison Page](#)

[NWS Quad Cities Briefing Web Page](#)

[NWS Lincoln Decision Support Web Page](#)

[NWS St. Louis Emergency Managers Dashboard](#)

[NWS Paducah Hazardous Weather Support](#)

National Resources:

[NWS Weather Prediction Center Precipitation Forecasts](#)

[NWS Weather Prediction Center Snowfall Forecast](#)

[NWS Storm Prediction Center Web Page](#)

[River Observations and Forecasts](#)

