February Conditions & Northeast DEWS Discussion

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Northeast Regional Climate Center
February Temperatures

Average Temperature Departure (°F)
February 1-23, 2022

From 2°F below normal to 6°F above normal
February Precipitation

From 25% of normal to more than 200% of normal
February Snowfall

Snowfall Departure (inches)  
February 1-23, 2022

From 12” below normal to 9” above normal
Accumulated Precipitation Departure from Normal

Green/black diamonds represent subsequent/missing values

Click to hide/show lines:
- RANGELEY, ME: Precip Dprt
- SUTTON, VT: Precip Dprt
- LOWVILLE, NY: Precip Dprt
Precipitation

Percent of Normal Precipitation
January 24 - February 22, 2022

Percent of Normal Precipitation
December 25, 2021 - February 22, 2022

Percent of Normal Precipitation
November 25, 2021 - February 22, 2022

Percent of Normal Precipitation
August 23, 2021 - February 22, 2022

NRCC
Standardized Precipitation Index

30-Day SPI - Feb 22, 2022

90-Day SPI - Feb 22, 2022

Data provided by Northeast Regional Climate Center, Powered by ACS.
Streamflow

14-Day Streamflow Map

**Explanation - Percentile Classes**

<table>
<thead>
<tr>
<th>Low</th>
<th>Much below normal</th>
<th>Below normal</th>
<th>Normal</th>
<th>Above normal</th>
<th>Much above normal</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>&lt;10%</td>
<td>10-24%</td>
<td>25-75%</td>
<td>76-90%</td>
<td>&gt;90%</td>
<td></td>
</tr>
</tbody>
</table>

Data provided by [USGS WaterWatch - Streamflow](https://waterwatch.usgs.gov); updated 2022-02-23.
Groundwater

Groundwater Status

Explanation - Percentile Classes

<table>
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<th>Low</th>
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Data provided by [USGS Groundwater Watch - AGLN](https://www.usgs.gov/); updated 2022-02-23.
A significant winter storm will bring a variety of winter hazards from the Southern Plains through the Ohio Valley today and into the Northeast through Friday.

Significant total ice accumulations greater than 0.25” are likely across the Ozarks and southeast Missouri. Locally, damaging ice of 0.50” or more is possible which could lead to scattered power outages, tree damage, and dangerous travel.

Another area of freezing rain is likely from the eastern Ohio Valley through the Mid-Atlantic states. Significant ice accumulations are possible across south-central Pennsylvania and western Maryland, with hazardous travel possible.

Heavy snow is expected across Upstate New York and New England on Friday with six inches or more likely. Snowfall rates may eclipse 1”/hr at times. Travel will be difficult.
Precipitation Forecast

7 Day QPF
Valid: 12Z 02/24/22 - 12Z 03/03/22

Explanation - Forecast precipitation (inches)

Data provided by DOC/NOAA/NWS/NCEP/WPC.
Short-term Outlooks
Monthly & 3-Month Outlooks
Contact Information

• nrcc@cornell.edu

Upcoming Webinars

• Thursday, March 31 at 9:30am
  • Spring Flood Outlook

• Thursday, April 28 at 9:30am
  • NE U.S. Precip Trends and Links w/ Drought

• Tuesday, May 31 at 9:30am
  • Heat, health, and drought

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