

# Dangerous Heat This Afternoon



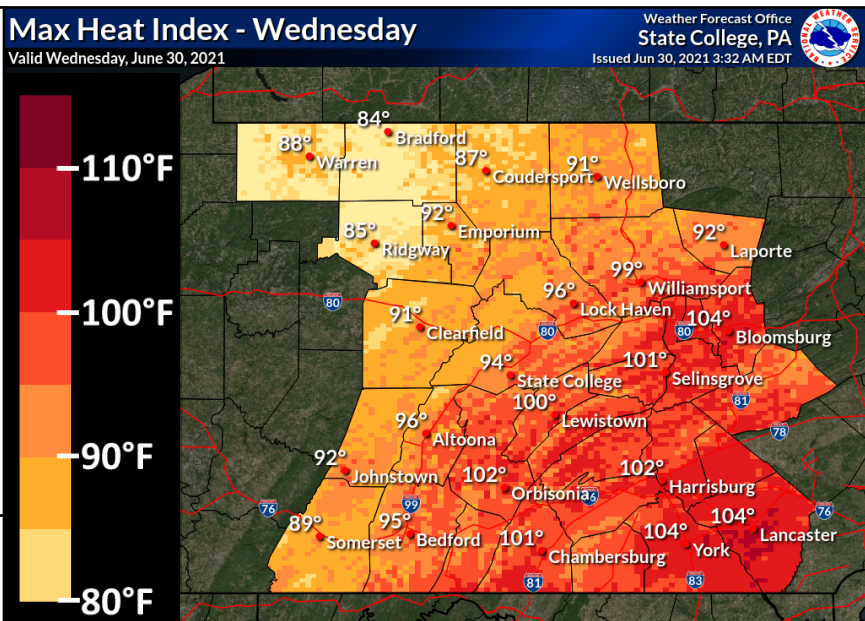
Central Pennsylvania  
WEATHER FORECAST OFFICE

## OVERVIEW:

- Max heat index values of 100-104°F expected again this afternoon/evening in the Lower/Middle Susquehanna Valley.
- Increased risk of heat-related illness if precautions not taken.

<b>TIMING</b>	<ul style="list-style-type: none"> <li>▪ Maximum temperatures/heat index values will occur in the afternoon/early evening.</li> <li>▪ Low temperatures &gt;70°F tonight in SE PA will provide minimal relief.</li> </ul>
<b>HAZARDS &amp; IMPACTS</b>	<ul style="list-style-type: none"> <li>▪ High temperatures in the mid-90s and heat index values above 100°F expected in the Lower to Middle Susquehanna Valley.</li> <li>▪ Increased energy demand, cooling centers open.</li> <li>▪ Excessive heat can be life-threatening to at-risk populations, such as children, the elderly, and those with pre-existing health conditions.</li> </ul>
<b>NWS ALERTS</b>	<ul style="list-style-type: none"> <li>▪ A Heat Advisory is in effect from Noon to 7PM Wednesday for southern Lycoming, Union, Snyder, Montour, Northumberland, Columbia, Dauphin, Schuylkill, Lebanon, York and Lancaster Counties.</li> </ul>
<b>FORECAST CHALLENGES</b>	<ul style="list-style-type: none"> <li>▪ High confidence in heat and elevated risk of heat-related illness.</li> <li>▪ Expect some variability in max heat index depending on cloud cover.</li> </ul>
<b>ADDITIONAL INFORMATION</b>	<ul style="list-style-type: none"> <li>▪ Scattered severe thunderstorms &amp; locally heavy rainfall are expected Wednesday; see next briefing slide for more details on severe threat.</li> </ul>

<b>POST-EVENT OUTLOOK</b>	<ul style="list-style-type: none"> <li>▪ Not as hot Thursday with highs temps in the 70s to lower 80s.</li> <li>▪ Cooler weather sticks around through 4<sup>th</sup> of July weekend.</li> </ul>
<b>NEXT BRIEFING</b>	<ul style="list-style-type: none"> <li>▪ 5PM Wed. 6/30/21</li> </ul>



# Storms/Heavy Rain Wed & Thu



Central Pennsylvania  
WEATHER FORECAST OFFICE

## OVERVIEW:

- Isolated strong to severe thunderstorms with scattered damaging wind gusts are possible this afternoon & evening.
- Heavy rainfall from showers/storms may produce isolated flooding Thursday afternoon and evening in southern PA.

<b>TIMING</b>	<ul style="list-style-type: none"> <li>TODAY: Storms to form in the NW around midday and drift southeast, with the most likely timing for severe weather between 1PM and 9PM.</li> <li>THURSDAY: Heaviest rainfall expected late afternoon/evening, especially along and south of the PA Turnpike.</li> </ul>
<b>HAZARDS &amp; IMPACTS</b>	<ul style="list-style-type: none"> <li>Today's primary thunderstorm hazard is damaging wind gusts 60+ mph.</li> <li>Heavy rainfall may result in urban/poor drainage flooding on Thursday.</li> </ul>
<b>FORECAST CHALLENGES</b>	<ul style="list-style-type: none"> <li>Uncertainty remains in where the corridor of heaviest rainfall will be on Thursday afternoon and evening &amp; how much rain will fall.</li> </ul>
<b>ADDITIONAL INFORMATION</b>	<ul style="list-style-type: none"> <li>Despite today's main threat being damaging winds and tomorrow's being flooding, gusty winds, locally heavy rainfall, small hail, and frequent lightning are possible with all thunderstorms on both days.</li> </ul>
<b>POST-EVENT OUTLOOK</b>	<ul style="list-style-type: none"> <li>Daily PM showers &amp; thunderstorms possible through 4<sup>th</sup> of July weekend.</li> </ul>
<b>NEXT BRIEFING</b>	<ul style="list-style-type: none"> <li>5PM Wed. 6/30/21</li> </ul>

