



# Prolonged Record Breaking June Heat

June 14, 2024  
11:14 AM

For Western Pennsylvania, Eastern Ohio, and Northern West Virginia

## Decision Support Briefing #1

→ As of 11:13 AM Friday June 14th

### EXCESSIVE HEAT WATCH

An Excessive Heat Watch is issued when **dangerous heat is possible**.

Reschedule outdoor activities in the coming days. Make sure that children, the elderly, and pets have a place to cool off during the heat.

**Be Prepared.**



weather.gov

### EXCESSIVE HEAT WARNING

An Excessive Heat Warning is issued when **dangerous heat is happening or about to happen**.

Avoid heavy activity & direct sunlight. Stay hydrated, find a cool indoor place, and check on children, elderly & pets.

**Take Action!**






# Main Points

June 14, 2024  
11:14 AM

## Rare Excessive Heat Wave In June

Hazard	Impacts	Location	Timing
<b>Heat</b> 	<i>Near certainty (99%) in a prolonged heat wave that could lead to heat illness and heat stress for those who don't have places to cool down during the day AND at night</i>	<i>Areawide. Highest values will be in urban areas</i>	<i>Monday through at least Saturday</i>

The following slides use HeatRisk which is described below:

The National Weather Service HeatRisk is an experimental color-numeric-based index that provides a forecast risk of heat-related impacts to occur over a 24-hour period. HeatRisk takes into consideration:

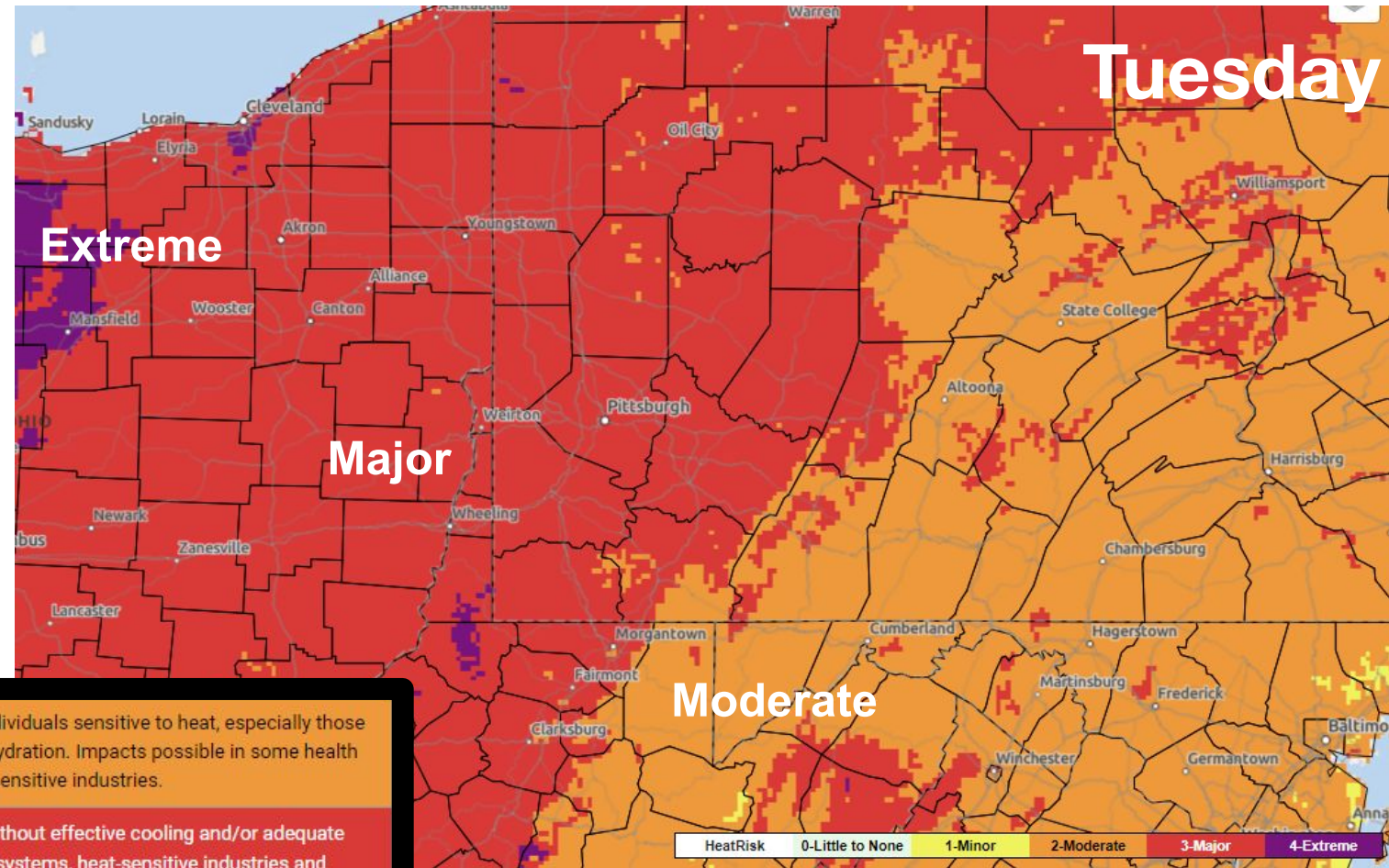
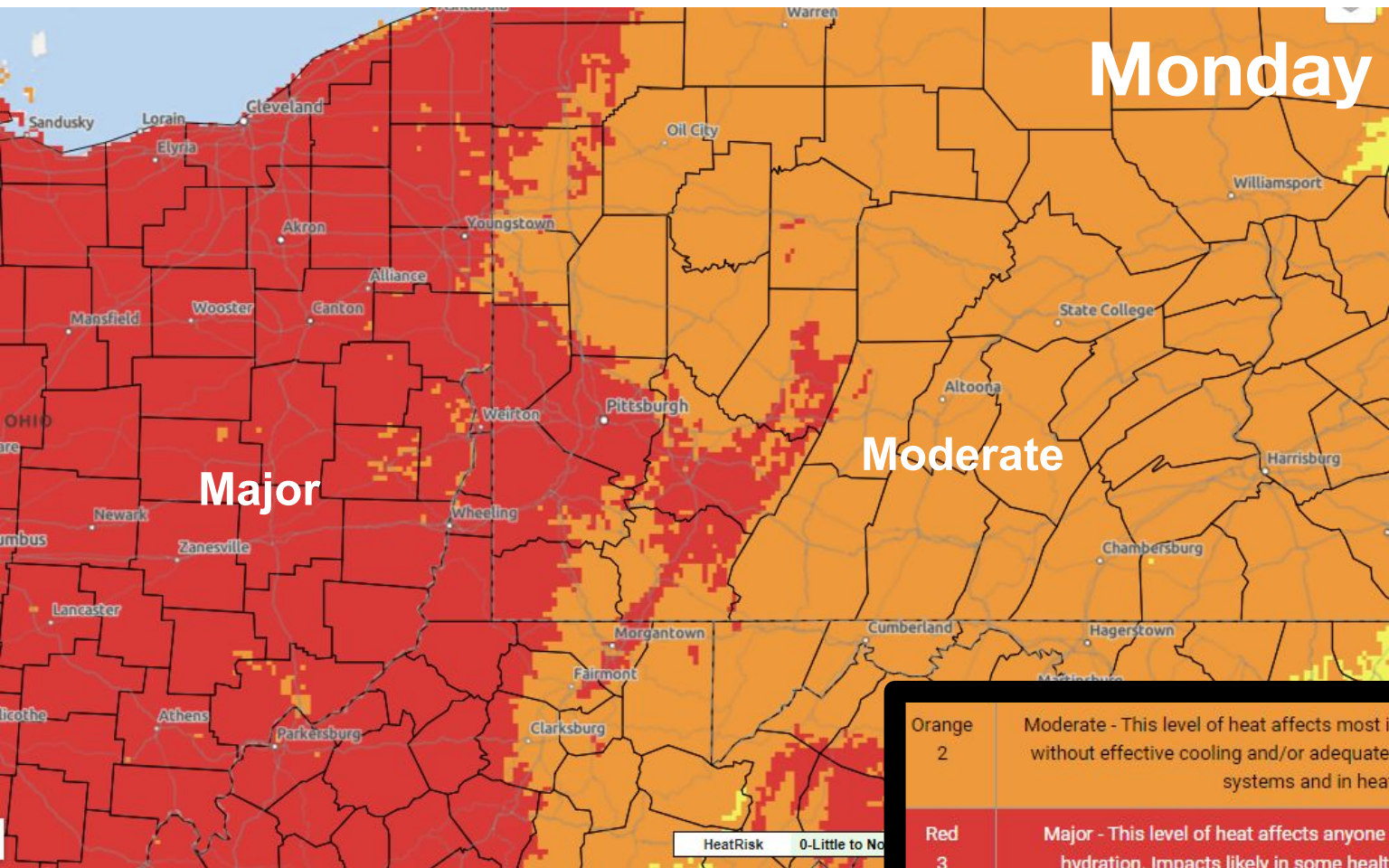
- How unusual the heat is for the time of the year
- The duration of the heat including both daytime and nighttime temperatures
- If those temperatures pose an elevated risk of heat-related impacts based on data from the CDC

This index is supplementary to official NWS heat products and is meant to provide risk guidance for those decision makers and heat-sensitive populations who need to take actions at levels that may be below current NWS heat product levels.



# Heat Risk

June 14, 2024  
11:14 AM



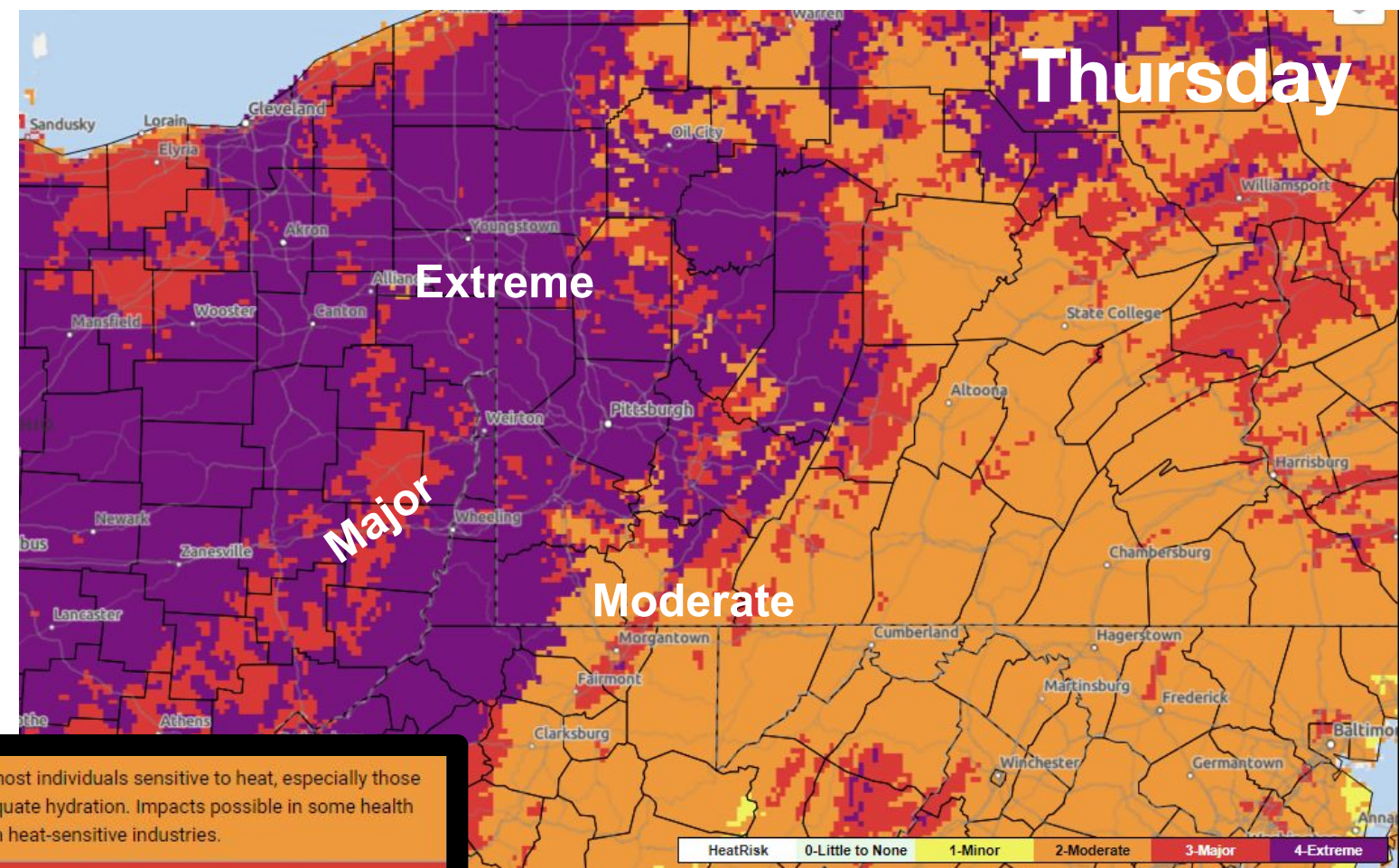
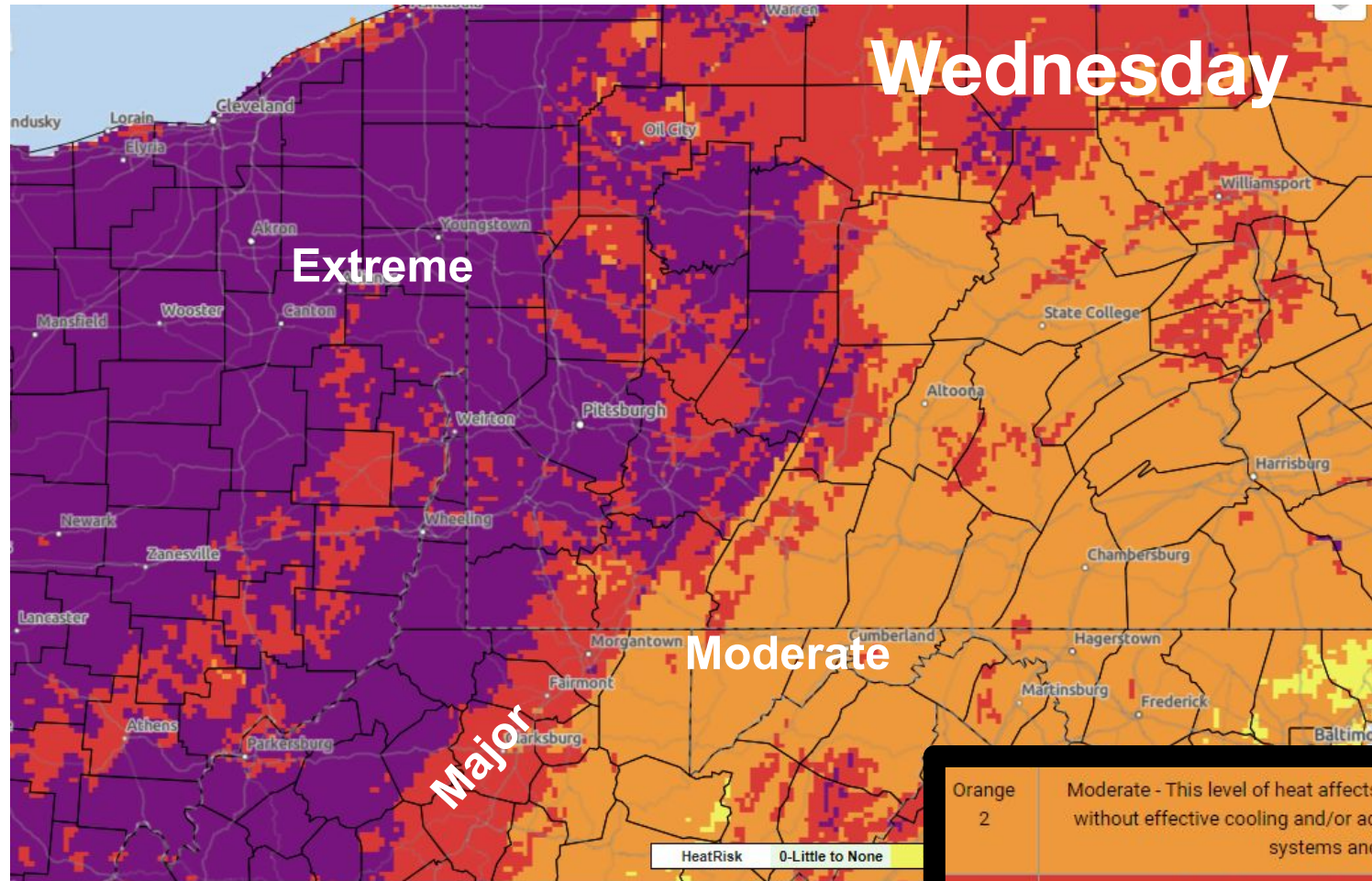
Orange 2	Moderate - This level of heat affects most individuals sensitive to heat, especially those without effective cooling and/or adequate hydration. Impacts possible in some health systems and in heat-sensitive industries.
Red 3	Major - This level of heat affects anyone without effective cooling and/or adequate hydration. Impacts likely in some health systems, heat-sensitive industries and infrastructure.
Magenta 4	Extreme - This level of rare and/or long-duration extreme heat with little to no overnight relief affects anyone without effective cooling and/or adequate hydration. Impacts likely in most health systems, heat-sensitive industries and infrastructure.





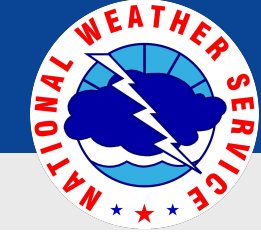
# Heat Risk

June 14, 2024  
11:14 AM



Orange 2	Moderate - This level of heat affects most individuals sensitive to heat, especially those without effective cooling and/or adequate hydration. Impacts possible in some health systems and in heat-sensitive industries.
Red 3	Major - This level of heat affects anyone without effective cooling and/or adequate hydration. Impacts likely in some health systems, heat-sensitive industries and infrastructure.
Magenta 4	Extreme - This level of rare and/or long-duration extreme heat with little to no overnight relief affects anyone without effective cooling and/or adequate hydration. Impacts likely in most health systems, heat-sensitive industries and infrastructure.





# Forecast Temperatures Next Week

June 14, 2024  
11:14 AM

Heat Index Values Forecast To Be in the mid 90s to low 100s most of next week

	Maximum Temperature Forecast (°F)																	Maximum
	6/17 Mon			6/18 Tue			6/19 Wed			6/20 Thu			6/21 Fri		Maximum			
	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm		6pm	12am	
Butler	82	93	92	74	87	95	93	76	88	97	95	76	88	97	95	74	77	97
Carrollton	84	95	93	76	88	96	94	77	88	98	95	77	90	97	96	76	78	98
Coshocton	86	96	94	78	89	97	95	79	88	98	96	78	88	98	96	78	78	98
Davis	78	85	83	68	82	87	82	69	81	87	84	67	80	87	83	68	73	87
Dubois	79	89	88	73	85	92	90	74	86	94	92	73	86	94	91	73	76	94
Indiana	83	92	90	75	88	95	92	76	88	95	92	75	87	94	91	74	78	95
Latrobe	84	93	92	76	88	96	94	78	87	96	94	77	87	94	92	76	78	96
Mercer	82	92	90	74	86	94	92	76	88	95	94	76	87	95	93	74	77	95
Morgantown	84	95	93	78	88	97	95	79	88	97	95	77	87	96	94	77	78	97
Oil City	82	92	90	74	86	94	92	76	88	96	94	76	88	96	94	74	76	96
Pittsburgh	86	97	95	80	90	98	96	81	91	100	98	80	90	99	98	79	80	100
Washington	84	94	92	76	87	95	93	77	87	95	93	74	87	94	93	75	77	95
Weirton	86	96	94	78	89	98	96	79	90	99	97	80	90	99	97	78	79	99
Wheeling	86	96	94	78	89	97	95	80	90	99	97	80	90	98	96	78	79	99
Zanesville	87	96	94	78	90	96	94	79	89	98	96	78	89	98	96	78	78	98



Created: 10 am EDT Fri 6/14/2024 | Values are maximums over the period beginning at the time shown.



# 6-10 Day Temperature/Precipitation Outlook

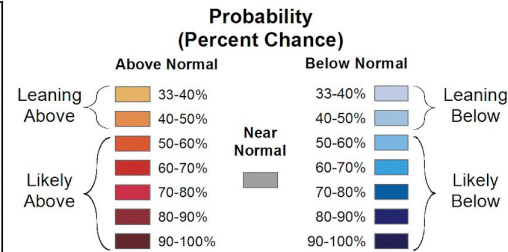
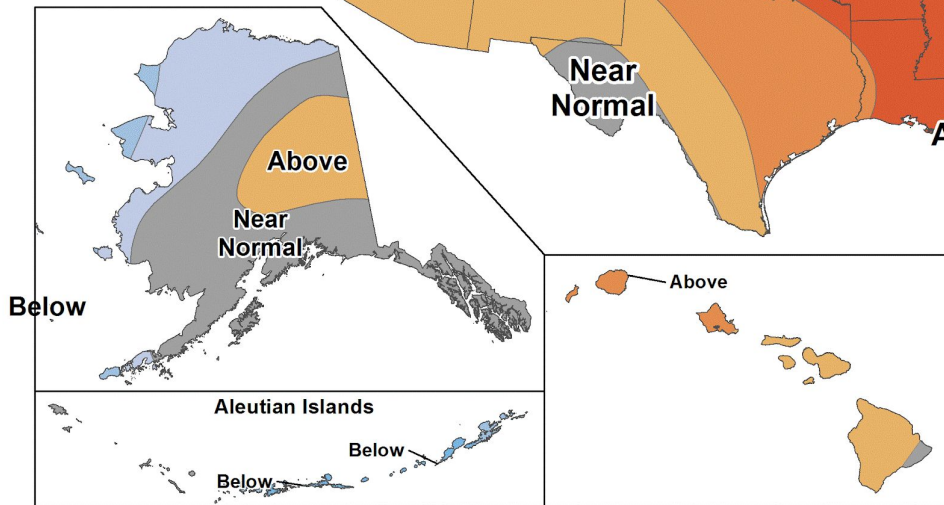
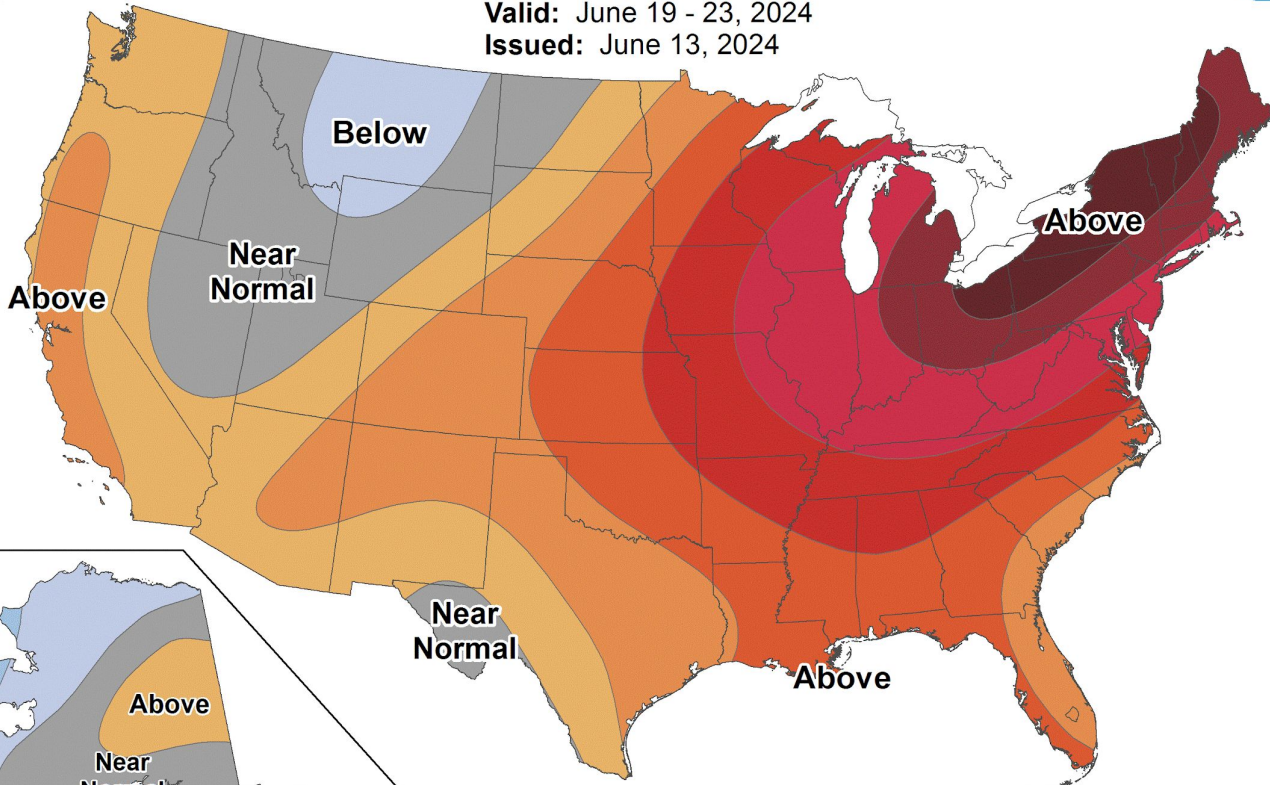
June 14, 2024  
11:14 AM



## 6-10 Day Temperature Outlook



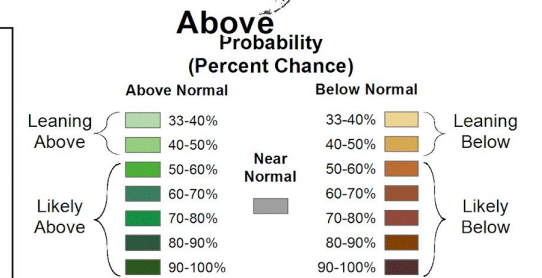
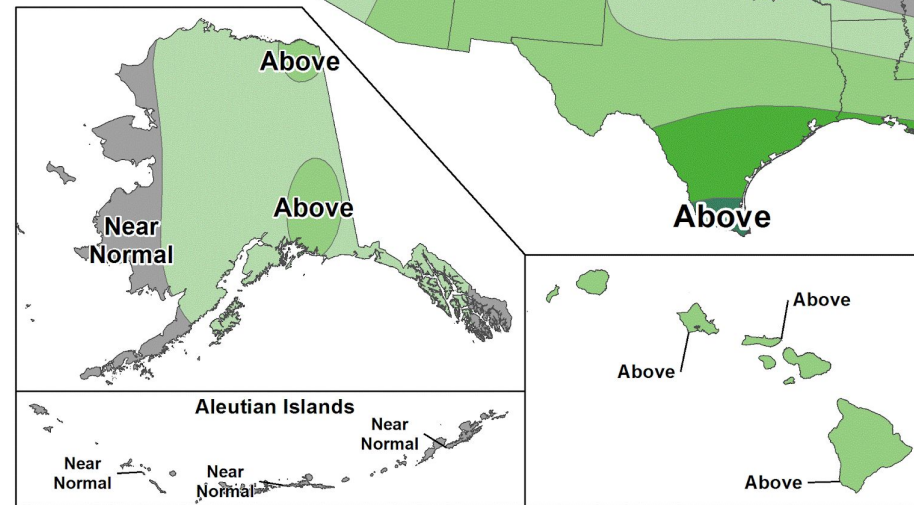
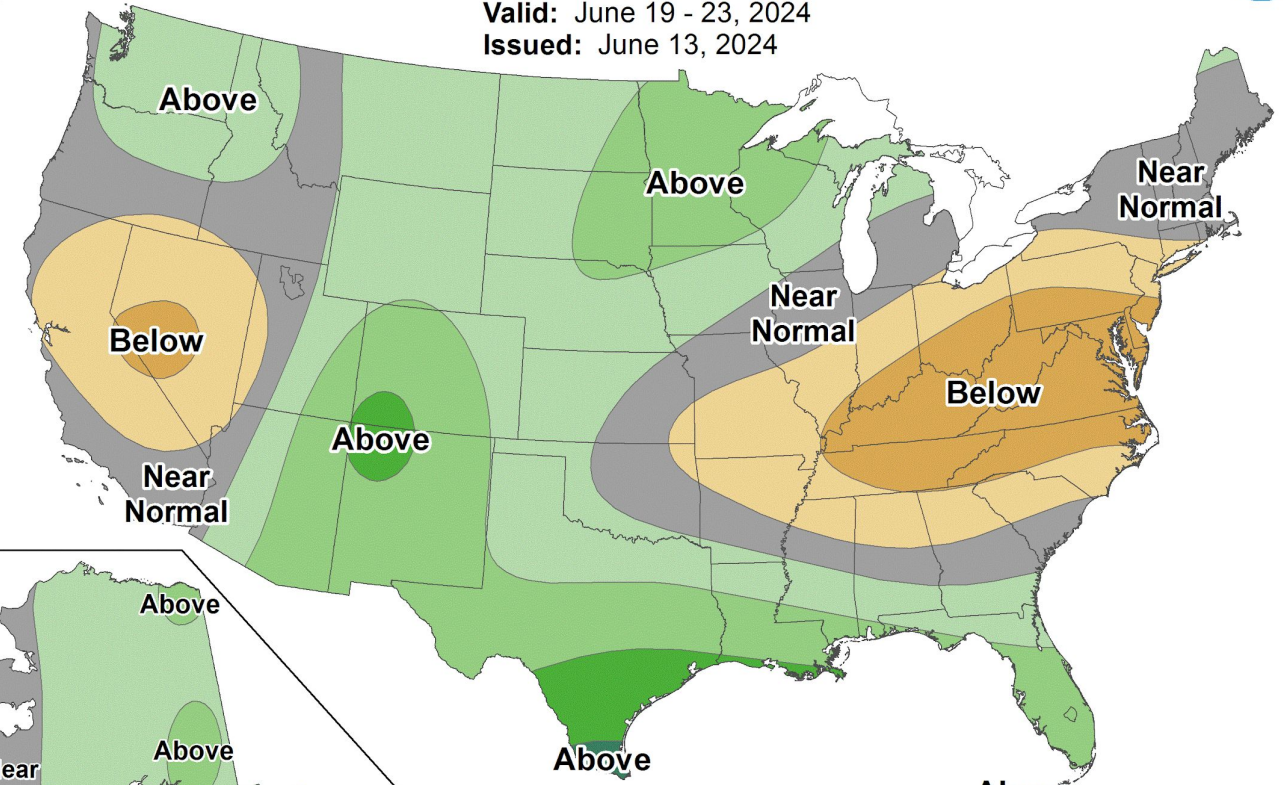
Valid: June 19 - 23, 2024  
Issued: June 13, 2024



## 6-10 Day Precipitation Outlook



Valid: June 19 - 23, 2024  
Issued: June 13, 2024





# 8-14 Day Temperature/Precipitation Outlook

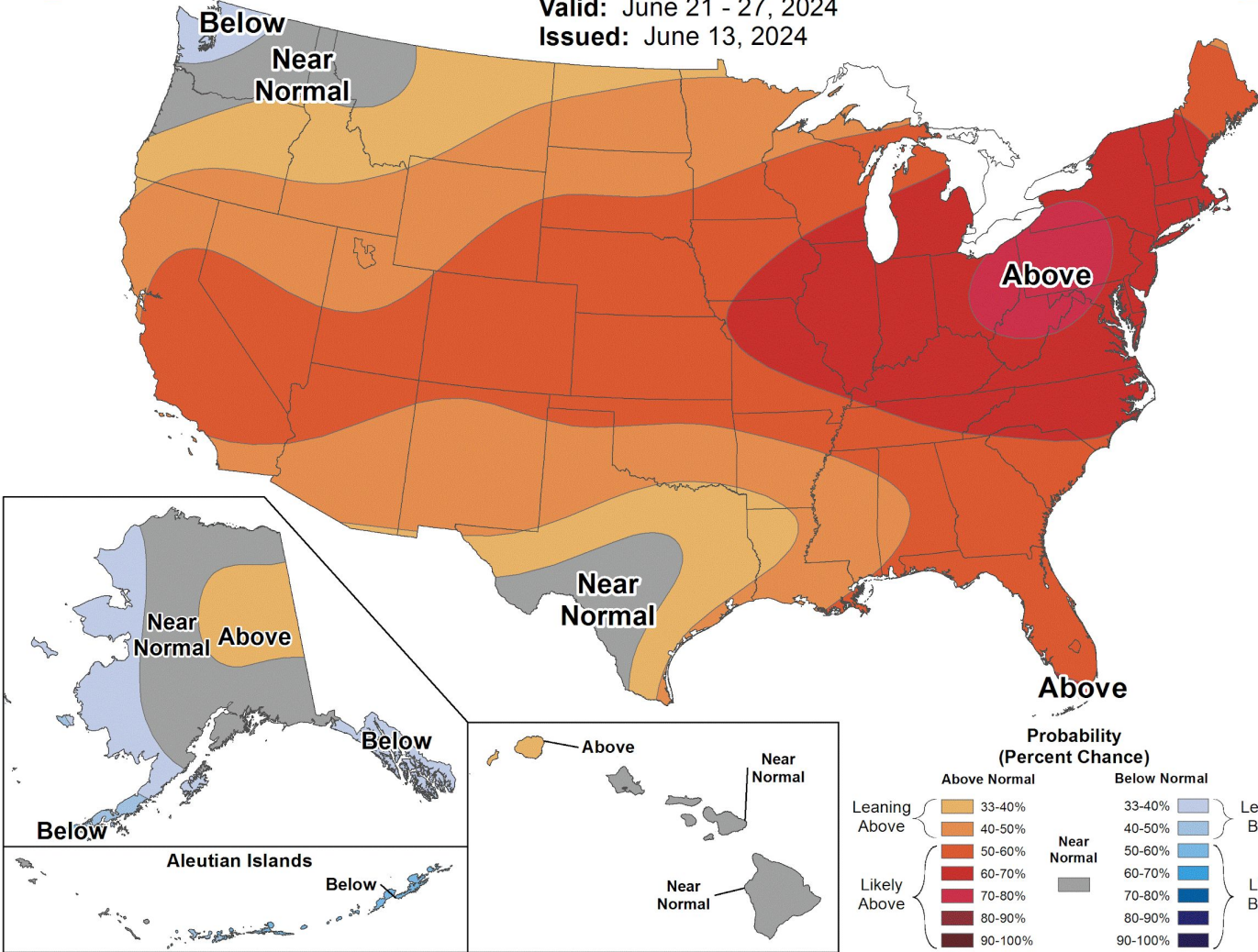
June 14, 2024  
11:14 AM



## 8-14 Day Temperature Outlook



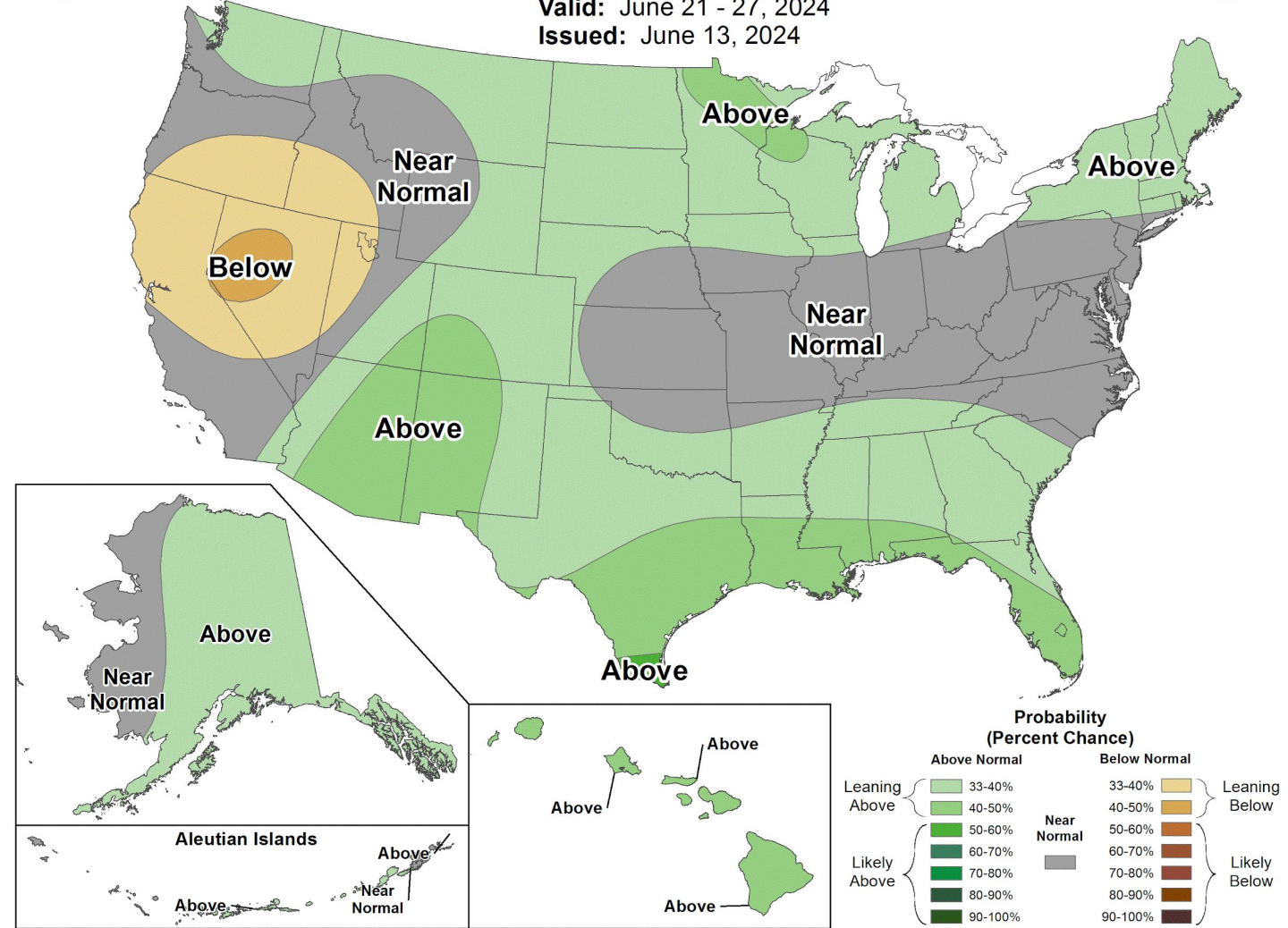
Valid: June 21 - 27, 2024  
Issued: June 13, 2024



## 8-14 Day Precipitation Outlook



Valid: June 21 - 27, 2024  
Issued: June 13, 2024



# Heat Exhaustion

# Heat Stroke

## ACT FAST

- Move to a cooler area
- Loosen clothing
- Sip cool water
- **Seek medical help if symptoms don't improve**

*Dizziness*

*Thirst*

*Heavy Sweating*

*Nausea*

*Weakness*



*Confusion*

*Dizziness*

*Becomes Unconscious*

## ACT FAST

# CALL 911

- Move person to a cooler area
- Loosen clothing and remove extra layers
- Cool with water or ice

*Heat exhaustion can lead to heat stroke.*

*Heat stroke can cause death or permanent disability if emergency treatment is not given.*



# STAY INDOORS DURING HEAT WAVES



Stay indoors in **air conditioning** whenever possible. If your home doesn't have AC, check if your area has a cooling center.



Remain hydrated by drinking **water** and avoiding alcohol.



Check on those **most vulnerable** to heat, including children and the elderly.



If you must go outdoors, go early or late in the day, and dress in light-colored clothing.



[weather.gov](https://www.weather.gov)





# Contact and Next Briefing Information

June 14, 2024  
11:14 AM

For Southwest Pennsylvania, Eastern Ohio, and Northern West Virginia

## Contact Information

### Next Briefing

- By Saturday Afternoon June 15th
- Method: Email

### Disclaimer

- Information contained in this briefing is time-sensitive
- Do Not Use After: 4pm Saturday June 15th 2024

### Web

- [weather.gov/pittsburgh](https://weather.gov/pittsburgh)
- [heat.gov](https://heat.gov)

### Phone

- (412) 262-1882

### Email

- [nws.er.pbz.ops@noaa.gov](mailto:nws.er.pbz.ops@noaa.gov)

### Facebook

- <https://www.facebook.com/NWSPittsburgh>

### Twitter

- @NWSPittsburgh

