

A silhouette of a man wearing a baseball cap and a watch, drinking water from a plastic bottle. The background is a warm, orange gradient, suggesting a sunset or sunrise. The man's head is tilted back, and a stream of water is visible coming from the bottle.

Protecting Priority Populations

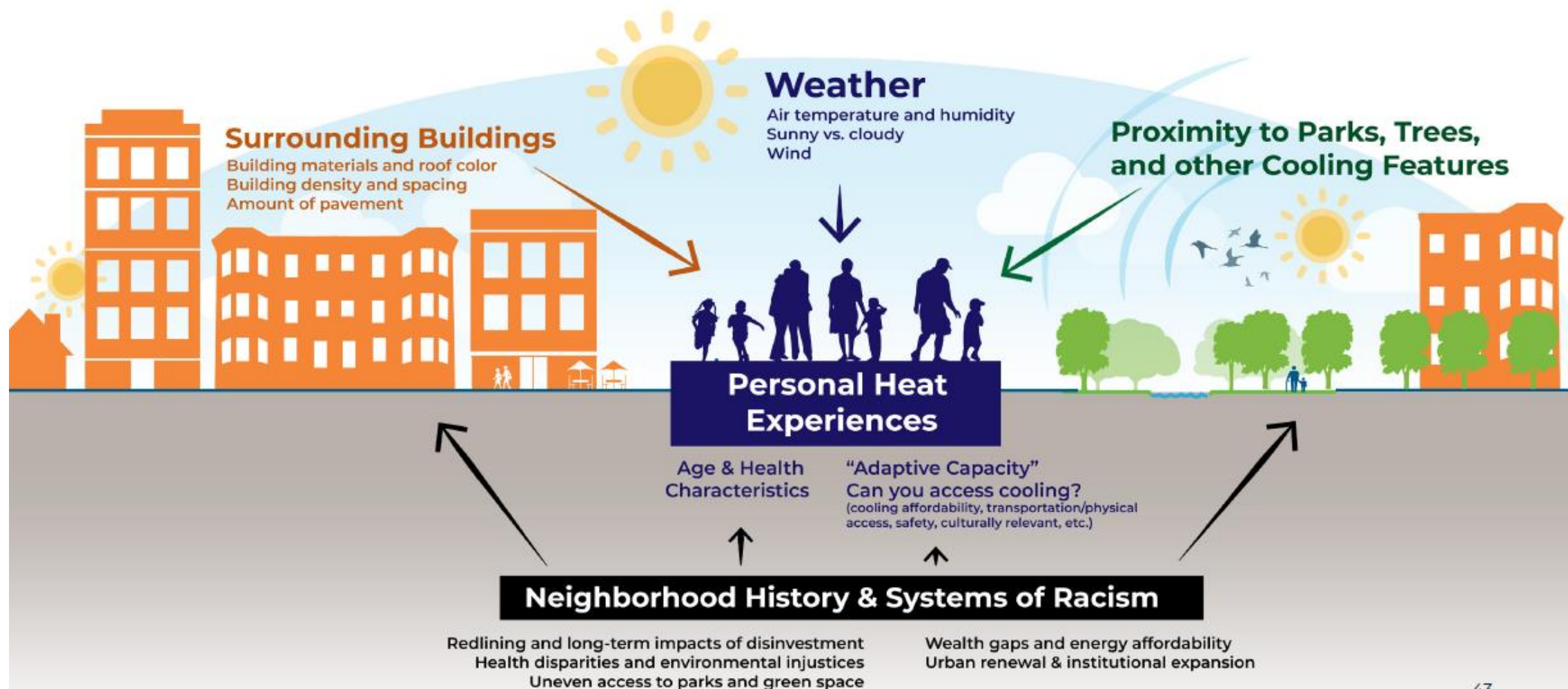
Heat Emergencies

Heat Vulnerability

Heat
Exposure

Heat
Sensitivity

Adaptive
Capacity



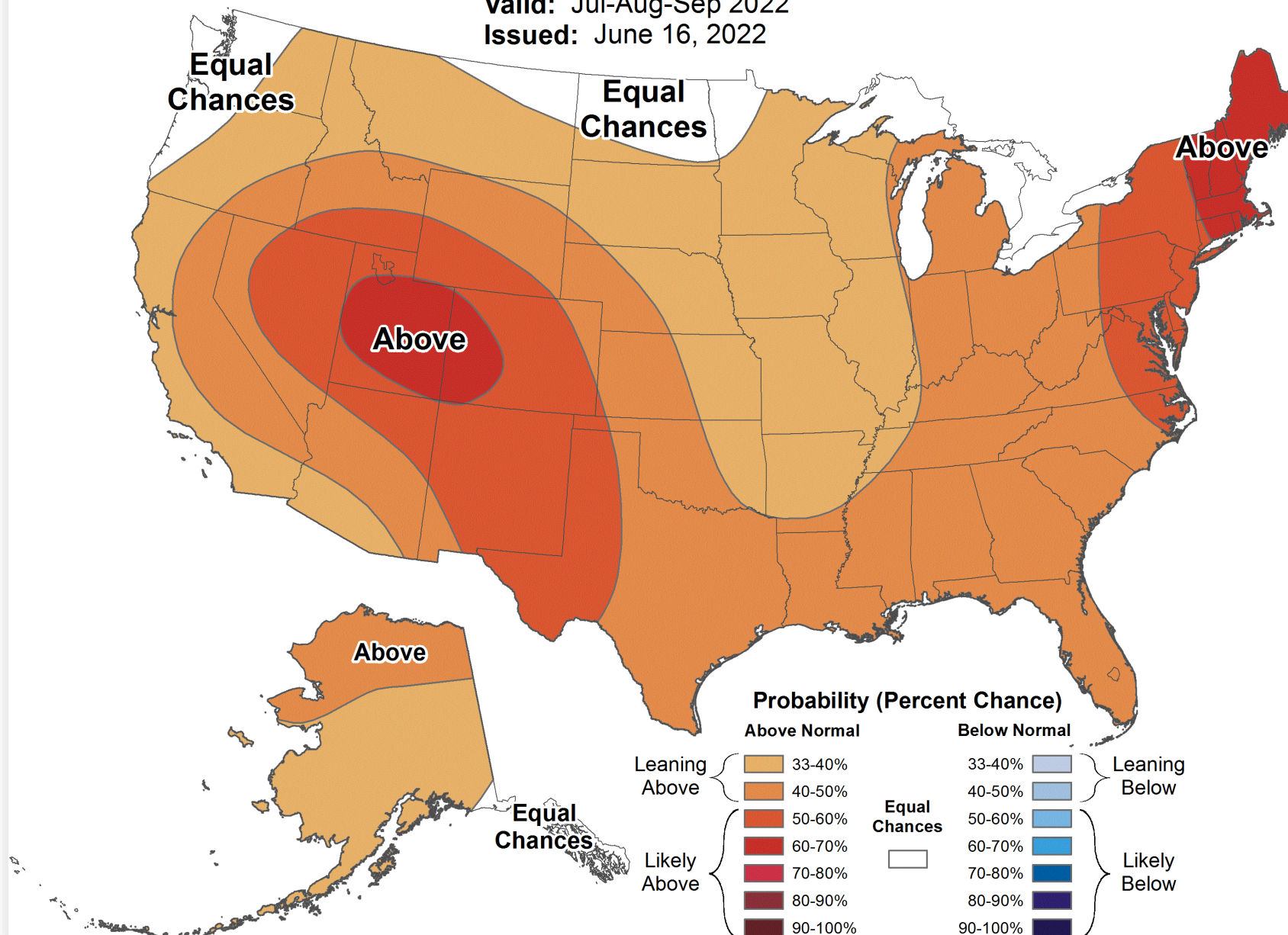


Seasonal Temperature Outlook

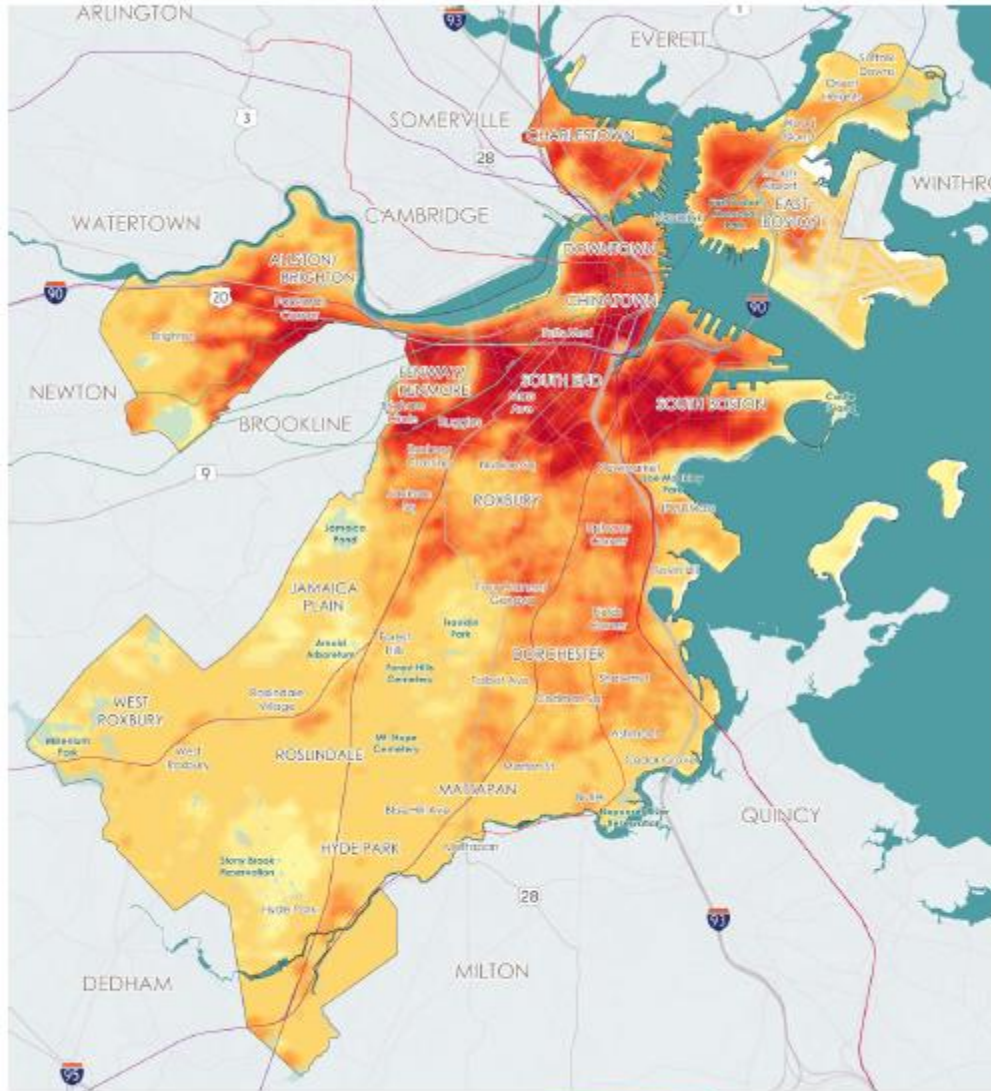



Valid: Jul-Aug-Sep 2022

Issued: June 16, 2022

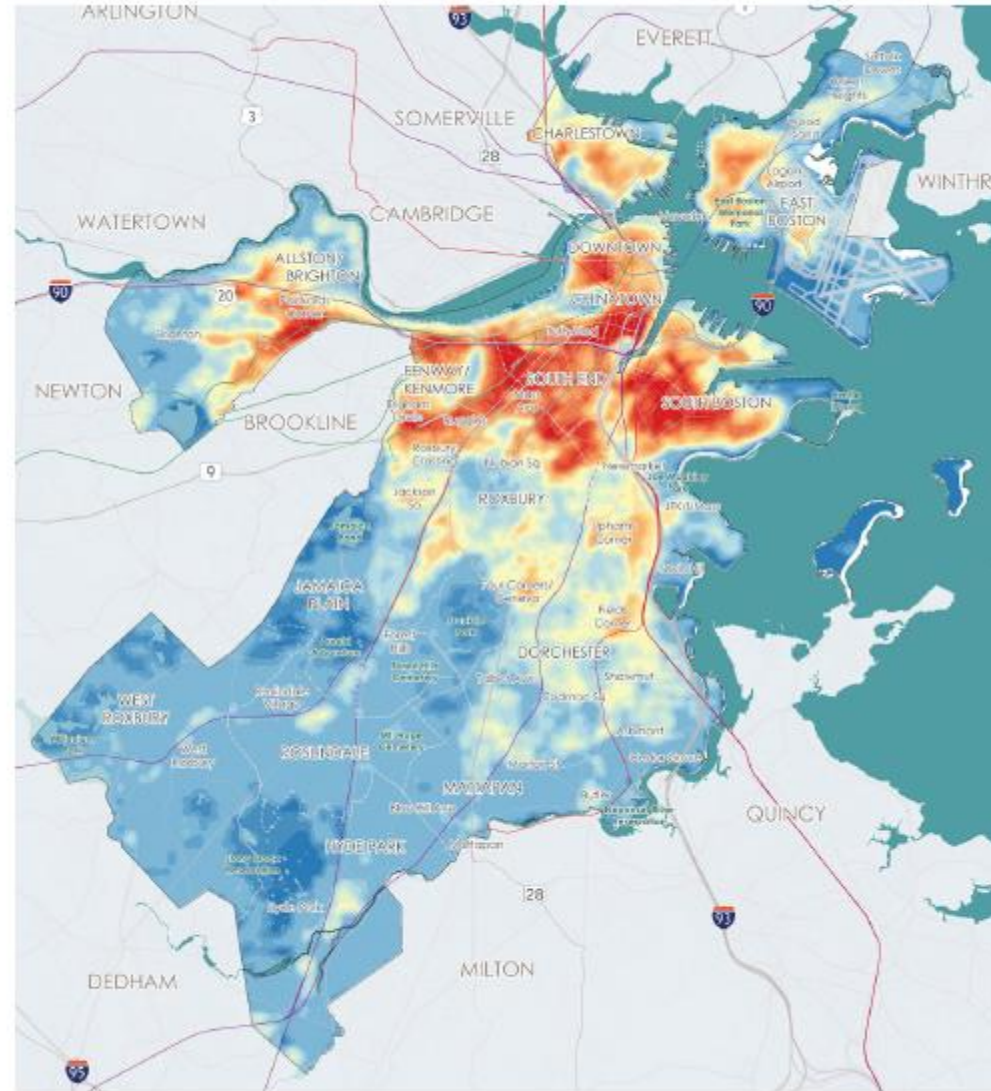


Extreme heat already affects all of Boston.



HEAT EVENT HOURS: Less than 25 hrs  More than 37 hrs

Some places are hot for longer.



HEAT EVENT HOURS: Less than 25 hrs  More than 37 hrs

Heat Health Impacts

Asthma

Heat
Exhaustion

Heat Stroke

Chronic
Conditions
Exacerbated

What else?

Boston's Heat Thresholds

| | Threshold | Spike |
|----------------|-------------------------------------|--|
| Heat Advisory | 3 days or more of a 90°F Heat Index | 1 day of a heat index of 105°F |
| Heat Emergency | 2 days or more of a 95°F Heat Index | <p>A temperature increase of at least 25°F within a 24-hour period of time with the high temperature reaching 85°F or above</p> <p><i>Ex. Temperature maximums going from 65°F to 90°F within a 24-hour period</i></p> |

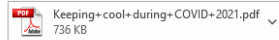
Advisories

MIC ADVISORY: 2022 MAY 21 – 22 High Heat Update



Medical Intelligence Center <noreply@everbridge.net>

To Kokaram, Stacey



External Email - Use Caution

THE FOLLOWING NOTIFICATION IS FROM THE STEPHEN M. LAWLOR MEDICAL INTELLIGENCE CENTER

MIC Activation Status: Level 1 - Enhanced Monitoring & Coordination

Incident: 2022 MAY 21 – 22 High Heat Update

When: 2022 MAY 20 at 1625 HRS

Mayor Michelle Wu has declared a heat emergency in the City of Boston beginning Saturday, May 21 and lasting through Sunday, May 22. The following is an update to the MIC Advisory previously issued on 2022 MAY 20 at 0928 HRS; information that has been updated is in blue below.

A period of high temperatures and heat indices is forecasted to impact Boston from 2022 MAY 21 to 2022 MAY 22. Temperatures are expected to be around 61 degrees at 0400 HRS on Saturday morning MAY 21, increasing by 28 degrees over the next 11 hours, according to the National Weather Service Boston forecast. Temperatures overnight Saturday will remain in the low 70s. The heat index is expected to reach the highest point of 91 degrees around 1500 HRS on Saturday, and 93 degrees around 1400 HRS on Sunday.

Due to the high temperatures, there is an increased risk for heat-related illness particularly in high-risk populations, such as those experiencing homelessness, the elderly, and those with underlying medical issues. The high heat index, coupled with the ongoing COVID-19 outbreak and response, exacerbates the potential for negative health outcomes particularly amongst Boston's most at risk populations. Early season heat events are particularly of concern because the population has not yet acclimated to heat. For the latest weather updates, visit the NWS Boston weather forecast [here](#).

Residents are encouraged to seek out cooling in ways which minimize risk of spreading COVID-19. Please see the attachment, Keeping Cool in COVID-19, for some tips to share to stay safe and healthy during this period of increased heat.

- Cooling centers will be open at 15 Boston Centers for Youth & Families (BCYF) community centers Saturday and Sunday, 0900 to 1700 HRS. [A full list of centers can be found online](#). Due to the rising COVID-19 case count, the use of masks in cooling centers is strongly recommended. Additionally, [splash pads will be open at parks and playgrounds](#) throughout the City. Select indoor BCYF pools will be open Saturday. Residents can [register online for a time to swim](#).
- [Boston Public Library locations](#) are open for in-person services.
- [Urban Wilds](#) locations are open in the City.
- The [Boston Parks and Recreation Department](#) has compiled a [list of water features](#) available to residents during this weekend's expected heat wave. The Parks Department plumbers have been working around the City to get all spray features up and running by Memorial Day weekend, the earliest in the year they have ever had spray features working.
- The City of Boston works closely with a network of shelter providers to ensure there is adequate shelter, food, and cool respite from the heat. The Boston Public Health Commission (BPHC) operates emergency shelters at 112 Southampton St. and 794 Massachusetts Ave. These facilities are air conditioned and open 24 hours a day, seven days a week. Amnesty has been called because of extremely high temperatures so those with non-violent restrictions can access shelter. All sites are following COVID-19 guidelines by promoting handwashing, hand sanitizer, and face coverings.
- Street outreach teams providing recovery services remain operating as normal during summertime weather. Outreach teams are providing sunscreen and water on outreach routes.
- The Engagement Center will not be open for cooling or related resources.

Current forecasted temperatures and indices:

| Day | Date | High | Low | Heat Index |
|----------|-----------|------|------|------------|
| Friday | 20-May-22 | 75°F | 58°F | 75 |
| Saturday | 21-May-22 | 89°F | 61°F | 91 |
| Sunday | 22-May-22 | 92°F | 71°F | 93 |
| Monday | 23-May-22 | 72°F | 61°F | N/A |

Forecast is from [National Weather Service](#) as of 2022 MAY 20 at 1615 HRS for zip code 02118.

Residents can follow [@CityOfBoston](#) and [@HealthyBoston](#) on Twitter and sign-up for [AlertBoston](#), the City's emergency notification system, to receive the latest updates. Residents are also encouraged to call 311 with any questions about available city services.

The MIC is currently activated to a Level 1 - Enhanced Monitoring & Coordination in support of Emergency Support Function 8: Public Health and Medical Services and will continue to monitor the situation and provide updates as necessary. If your program or healthcare facility/service experiences any significant impacts due to this event, are in need of additional support or resources, or have any additional questions or concerns, contact the MIC at (617) 343-6920 or [mic@bphc.org](#).

The information in this email is for your institution and/or agency's planning purposes. Please share this information widely within your organization and with your clients/guests.



Heat Emergency Declared



Prepare for Extreme Heat

- Mayor Wu declared a heat emergency in Boston beginning Saturday, May 21, through Sunday, May 22.
- Expect temperatures in the mid-90s between 1PM and 4PM both days.
- Temps start around 62° at 5AM on Saturday May 21, rising 30° in 12 hours.
- Early season extreme heat events are concerning so please visit <https://www.boston.gov/heat/> for more info.



Resources, Tools, & Next Steps

- OSHA's Heat Safety Tool: <https://www.osha.gov/heat/heat-app>

Resources, Tools, Next Steps!

- Heat Resilience Solutions for Boston: <https://www.boston.gov/departments/environment/preparing-heat>
- Join the Boston MRC or your local MRC! bostonmrc.org
- Sign up to continue the conversation! <http://eepurl.com/hj-J35>

Conclusion

- Please complete the evaluation form:

<https://tinyurl.com/priority-pops-eval>

Stay involved in the conversation!

Sign up to receive more info from us:

<http://eepurl.com/hj-J35>



Thank You

For further questions or comments,
please contact:

DelValle Institute for Emergency
Preparedness
617-343-1370
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<http://delvalle.bphc.org>

The DelValle Institute for Emergency Preparedness is the Education & Training branch of the Office of Public Health Preparedness. The DelValle Institute provides high-quality all-hazards training and exercises to develop and enhance capabilities-based preparedness.

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