



Heat Vulnerability Study - Populations at Risk in

Miami-Dade

Hospitalizations

- % Living in Poverty
- % Mobile Homes

Emergency Department Visits

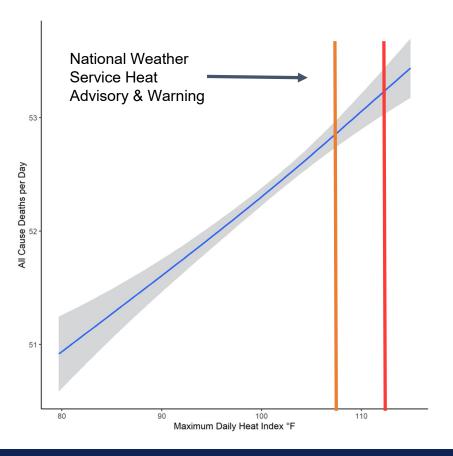
- Daytime surface temperature
- % Outdoor Workers
- % Age less than 18

Category	Description of Data	Provider
	Heat Related Illness Emergency	
Health Outcome	Department	FDOH
	Heat Related Illness Hospitalizations	FDOH
Exposure	Land Surface Temperature	NASA
	% Impervious Surface	NLCD (2019)
Sensitivity	% Older Adults (age > 65)	US Census
	% Living Alone	US Census
	Children 0-5	US Census
	% Living in Poverty	US Census
	Household Income	US Census
	% Limited Language Proficiency	US Census
	% African American	US Census
	% Hispanic	US Census
	% Indigenous	US Census
	% Mobile Homes	US Census
	% High School Education	US Census
	% Outdoor Workers (Agr, Forestry, Fish,	
	Mining, Construction)	US Census
	% Female Head of Housing	US Census

Miami-Dade Extreme Heat Vulnerability Mapping Report (Uejio and Ahn, 2022)



Heat Index and Mortality



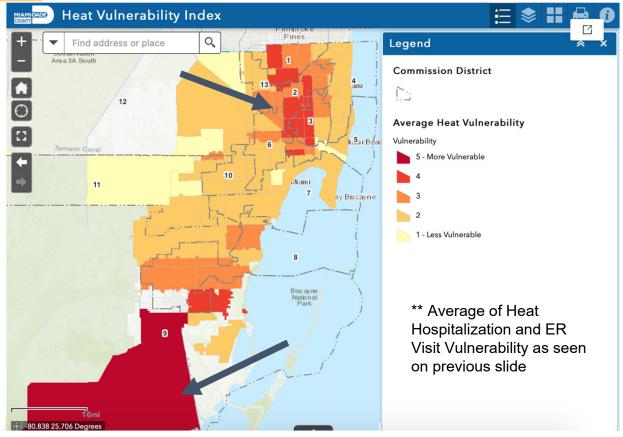
- The majority of heat related deaths occur below heat advisory thresholds
- A 10 degree increase in the heat index results in one more death per day
- Heat attributable death was 34 deaths per year (2015-2019)







ArcGIS StoryMap: Vulnerability

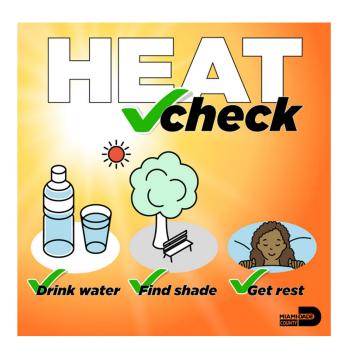


- Interact with the <u>Heat</u>
 <u>Vulnerability Index</u>
 web mapping
 application to identify
 vulnerable zip codes
 in Miami-Dade
- Homestead, Florida
 City, Hialeah, Miami,
 Opa-Locka, and
 Miami Gardens















The Women's Fund Billboard Campaign

HEAT CAN BE DANGEROUS PREGNANT PEOPLE FACE EXTRA RISK

KNOW THE SIGNS | FIND RESOURCES

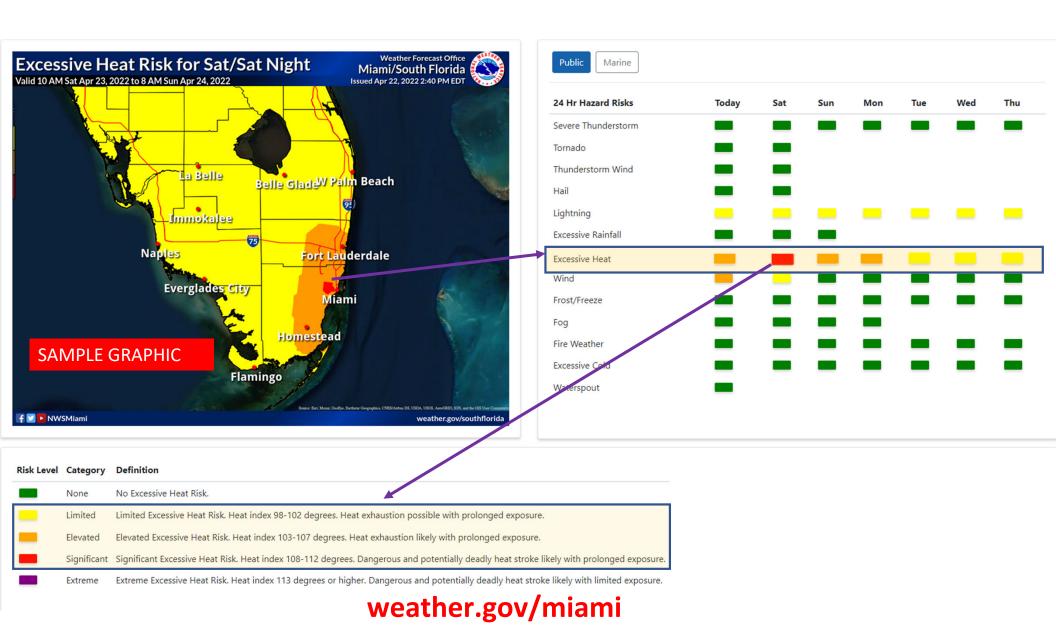
WOMENSFUNDMIAMI.ORG/HEATHEALTH/ EMERGENCY: CALL 911

















CERT Trainings



JOIN THE COMMUNITY EMERGENCY RESPONSE TEAM



WHAT IS CERT?

The Community Emergency
Response Team (CERT)
Program educates people
about disaster preparedness
for hazards that may impact
their area and trains them in
basic disaster response
skills.

GET TRAINED

- The FREE training takes place over 2.5 days
- April 25, 27 & 28
- City of Miami Fire Training Center in Coconut Grove



Climate & Heat Health Task Force



Ksepw>

- Tvosvoznišulsvošivo segnosru
- Gviexişjveq i { svoşjsvşq srmxsvmrk\$tvskviww
- Vigsqqirh\$wæjjmrk\$*\$xliv\$viwsyvgi\$riihw\$jsv\$
 mqtpiqirxexmsr\$
- Iuymæfpi\$itviwiræmsr
- Fiwxezenpefpi\$wgmirgi

XliXewo\$Isvgi\$\ mp\fi\\ ehi\\ t\sj\ tsmrxih\\ iq fiw\\ vitviwirxmrk\tspmg\\ a eoiw\ mo\minrxmjmg\\ liepxl\\ gevi\tspiwmsrepv\\ ew\\ ip\\ \ s\ mm\ir\\ q iq fiw\\ ls\\ mp\irwyvi\\ gaq q yrmx\\ \ x\ smgiw\\ evi\\ liepxl\\ grin\\ a reprixi\\ a



Community Heat Season & Adopt-a-Tree Giveaway Event



Join

Mayor Daniella Levine Cava, the Division of Environmental Resources Management. and the Office of Resilience

Saturday 9:30 - 11 a.m.

William H. Turner Technical Arts **High School**

10151 NW 19 Avenue Miami, FL 33147

per household while supplies last!

invites County residents to learn about the upcoming Heat Season Campaign and initiatives to enhance tree canopy in neighborhoods that need it the most to educe urban heat.

Mayor Daniella Levine Cava

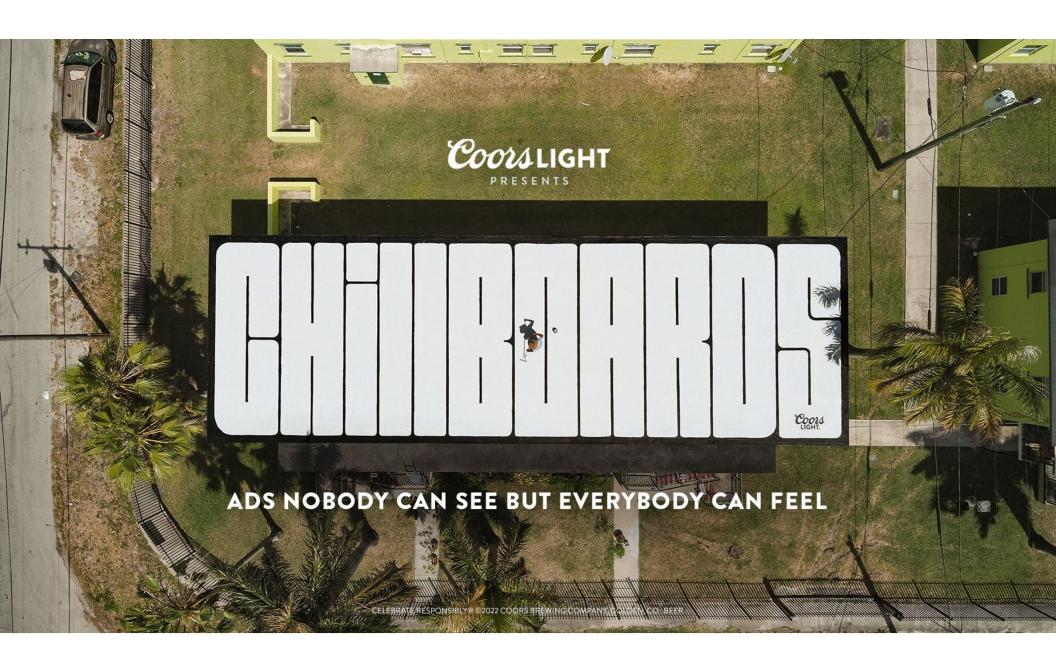
At this event you will have the opportunity to:

- ↑ Adopt a tree for your yard.
- ↑ Attend a tree care + tree planting demonstration.
- ↑ Tour the resilience pod.
- † Learn about how to protect vourselves and others from extreme heat.
- † Provide input to our Climate and Heat Health Action Plan.



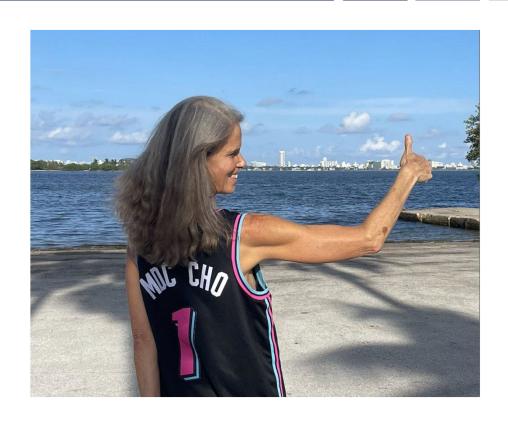






THANK YOU!

Jane Gilbert
Chief Heat Officer
Jane.Gilbert@miamidade.gov



Sign up for the resilience newsletter: miamidade.gov/resilience