

*City of Coral Gables  
Heat Mitigation*

*Tuesday, Sept. 26, 2023*

**CORAL  
GABLES**  
THE CITY BEAUTIFUL

**EXTREME  
HEAT**  
ACTION PLAN



# CITY OF CORAL GABLES HEAT MITIGATION CITYWIDE HEAT IMPACT MITIGATION



**Recommend and/or require developers to prioritize plantings of shade trees and maximize amount of pervious greenspace areas on site.**



# CITY OF CORAL GABLES HEAT MITIGATION COOL OUR NEIGHBORHOODS



**PLAYGROUND DESIGN THAT FEATURES BOTH NATURAL  
SHADE AND INTEGRATED SHADE THROUGH DESIGN**

**SCHEDULING OUTDOOR EVENTS  
UNDER RICH TREE CANOPY SHADE**

**INTEGRATING SHADE IN OUR PARKS, FACILITIES, AND SPECIAL EVENTS**

# CITY OF CORAL GABLES HEAT MITIGATION COOL OUR NEIGHBORHOODS



**DRINKING FOUNTAINS**



**MISTER STATIONS**



**COOLING STATIONS AT EVENTS**

**ACCESS TO DRINKING FOUNTAINS, MISTERS, AND COOLING STATIONS  
IN OUR PARKS, FACILITIES, AND SPECIAL EVENTS**

# CITY OF CORAL GABLES HEAT MITIGATION COOL OUR NEIGHBORHOODS



**820,000 GALLONS OF FRESH  
WATER AT 76 DEGREES**



**WATERFALLS  
AND CAVES**



**COOL DAYS  
FOR PETS**

**ACCESS TO PUBLIC POOL FACILITIES – VENETIAN POOL**

# CITY OF CORAL GABLES HEAT MITIGATION COOL OUR NEIGHBORHOODS



Park	Address	Area Rental Available	Baseball/Softball	Basketball Court	Benches	Bicycle Rack	Community Center	Covered Pavilion	Drinking Fountain	Fitness Gym/Equip.	Golf Course	Gymnastics Gym	Historical Landmark	Multi-Purpose	Parking Area	Paved Trail	Pet-Friendly	Picnic Tables	Playground	Racquetball Courts	Restrooms	Sidewalks	Soccer Field	Swimming Pool	Tennis Court	Unpaved Trail	Volleyball Court	Waste Receptacles	Water Access	Water Feature	Size in Acres
Alcazar Plaza	<a href="#">700 Alcazar Avenue</a>																Y														0.14
Alhambra Water Tower	<a href="#">2000 Alhambra Circle</a>				1								Y				Y														0.51
Balboa Plaza	<a href="#">2405 De Soto Blvd.</a>				1												Y											1			0.10
Betsy Adams and the Coral Gables Garden Club Park	<a href="#">4650 Alhambra Circle</a>				4				1							1	Y	2	1									2	1		0.48
Blue Road Open Space	<a href="#">757 Blue Road</a>																											Y			0.41
Boy Scouts House - Troop 7	<a href="#">1107 S Greenway Drive</a>			1	6		Y						Y								2	1						2			0.60
Carlos S. Kakouris Park	<a href="#">Campo Sano Ave &amp; Campo Sano Ct.</a>				5																										0.32
Cartagena Park	<a href="#">401 Sunset Drive</a>				4										Y	1	Y											1			2.65
Catalonia Park	<a href="#">807 Catalonia Avenue</a>				3				1							1	Y		1									2			0.31
City of Coral Gables Biltmore Golf Course	<a href="#">1210 Anastasia Avenue</a>					1			4		1		Y		Y	1					2	13						20	Y		138
Coral Bay Park	<a href="#">1590 Campamento Avenue</a>			1	10	1		1	1					1	Y	1	Y	1	2									4			1.54
Coral Gables Adult Activity Center	<a href="#">2 Andalusia Avenue</a>	Y			1		Y		2					1	Y					1	4	1						3			0.22
Coral Gables Country Club	<a href="#">997 N. Greenway Dr</a>	Y			1	1	Y		2	1			Y	1	Y					1	2	2		1				4			3.22
Coral Gables Merrick House	<a href="#">907 Coral Way</a>				10	1							Y		Y	2					1	2						1	1		1.34
Coral Gables War Memorial Youth Center	<a href="#">405 University Drive</a>	Y	3	4	12	3	Y	3	8	2		1		1	Y				10	2		10	3	1			2	18			6.13

**COMMUNITY INVENTORY LISTING INCLUDES COVERED PAVILIONS FOR SHADE, DRINKING FOUNTAINS, WATER ACCESS, AND WATER FEATURES SUCH AS MISTERS AND FOUNTAINS**

# CITY OF CORAL GABLES HEAT MITIGATION PREVENTION & SAFETY PRECAUTIONS



AVOID HEAVY EXERTION, EXTREME HEAT, SUN EXPOSURE, AND HIGH HUMIDITY WHEN POSSIBLE. WHEN THESE CANNOT BE AVOIDED, SOME OF THE PREVENTATIVE STEPS THAT SHOULD BE TAKEN INCLUDE:

Address outdoor heat exposure safety as part of weekly safety meetings.

Monitor the heat index so that supervisors and workers can also recognize when to implement additional preventive measures. As heat index increases then more water and rest breaks become necessary.

Provide training on symptoms of outdoor heat exposure to prevent heat-related illness.

Closely observe employees not acclimatized to the heat, including new employees, those returning from absences, and all workers during a heat wave.

Use the buddy system to lookout for co-workers and conduct checks for heat illness symptoms.

Wear light-colored, light-weight, loose-fitting, breathable clothing such as cotton and hats.

Schedule heavy work during the coolest parts of day.

Take breaks when needed, and in high heat and humidity; take breaks in the shade or a cool area.

Provide sufficient amounts of water and/or sports drinks; employees encouraged to drink water frequently.

# CITY OF CORAL GABLES HEAT MITIGATION SIGNS OF HEAT STRESS



Heat rash happens when the skin becomes irritated because sweat is not evaporating.



Heat cramps are caused by fluid and electrolyte loss. Sweating causes a loss of body salts, and when levels are low enough, it can lead to muscle cramps or pain in the abdomen, arms or legs.



Heat syncope can happen after standing for extended periods of time or standing up suddenly from a seated position and can cause fainting, dizziness or light-headedness.



Heat exhaustion can happen after heavy sweating causes a loss of water and salt. People with heat exhaustion normally experience a headache, nausea, dizziness, weakness, irritability, thirst, a faster heartbeat and cool or clammy skin.



Heat stroke is the most serious heat-related illness. When a person experiences a heat stroke, they can exhibit signs of confusion and lose consciousness. Their body stops sweating and they may feel chills, exhibit slurred speech or have seizures. Heat stroke is a medical emergency and needs to be treated quickly.



# CITY OF CORAL GABLES HEAT MITIGATION IF SIGNS OF HEAT STRESS SYMPTOMS OCCUR



Move them somewhere cool and shaded as soon as possible.

Loosen any tight clothing.

Apply cool cloths or cold compresses to help their body's temperature decrease.

Cool down their body by fanning the person with a portable fan or item that can be used to circulate cool air.

Help them drink cool water at a slow but consistent pace. It's important to replenish fluids steadily. For less severe illnesses, such as cramps, sports drinks can also help replenish nutrients.

Get medical assistance if an employee's heat cramps don't subside or if any symptoms worsen. And as with any other injury or illness, don't leave the employee to fend for themselves. Have someone take the employee to get medical attention.

Call 911 immediately if a person shows signs of heat stroke such as confusion, fainting or seizures. While you wait for assistance, follow the other tips mentioned above. Someone should remain with the employee until help arrives.

# *City of Coral Gables*

*A world-class city with  
a hometown feel.*

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