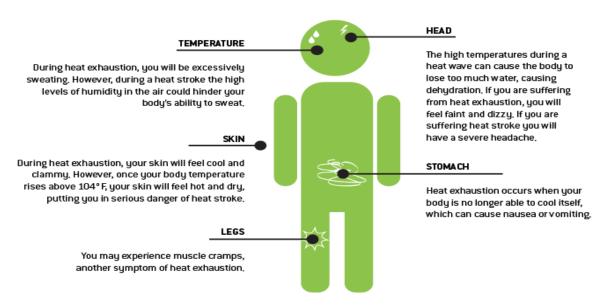
Impact of heat wave on Human Beings

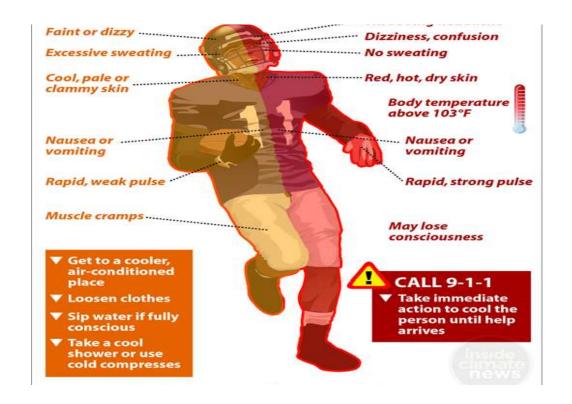
DR Bhanu

Impact of the heatwave on Human beings

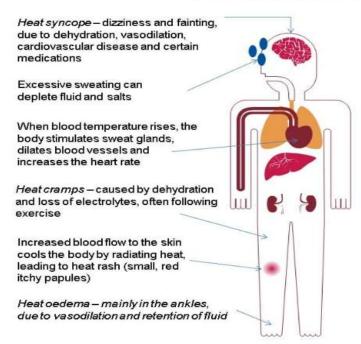
https://www.youtube.com/watch?v=4bV16i62-Vs

How does a heat wave affect humans?





neal related lillesses



Health effects of heat

The main causes of illness and death during a heatwave are respiratory and cardiovascular diseases. Additionally, there are specific heat-related illnesses including:

Heat Exhaustion

- Nausea or irritability
- Dizziness
 - Muscle Cramps or weakness
- Feeling faint
- Headache
- Fatigue
- Heavy sweating
- High body temperature

Heatstroke

- · Hot, dry skin or profuse
- sweating
- Confusion
- Loss of consciousness
- Seizures
 - Very high body temperature

Heatwaves can be one of the most threatening weather phenomena?

Heatwaves not only have high temperatures but also high levels of humidity.

Humidity hinders the body's ability to sweat and the higher the humidity the hotter the day feels.

Main dangers -

- · Dehydration,
- Heat exhaustion,
- Heatstroke and
- Death?

Extremely dangerous for infants and the elderly because both have difficulty maintaining body temperature.

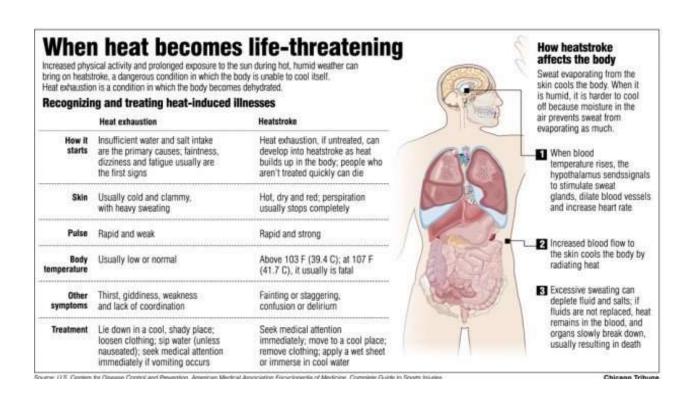
Danger	Symptoms	Response
Dehydration	Thirsty, feeling faint, dizziness	Drink water with lime and salt or Gatorade Drinks to Rehydrate, Replenish and Refuel
Heat Exhaustion	Rapid breathing, dizziness, nausea, excessive sweating, clammy skin, muscle cramps	Drink water, take a cool shower, seek a cool air-conditioned place
Heat Stroke	Headache, high body temperature, quick pulse, nausea, loss of	Call 112; seek out

Impact of Heatwave on Health?

- Extreme heat events can be dangerous to health even fatal.
- Can cause severe dehydration and acute cerebrovascular accidents and lead to thrombogenesis (blood clots).
- People with chronic diseases that take daily medications have a greater risk of complications and death during a heatwave, as do older people and children.
- What does extreme heat do to our bodies? As the body gets hotter, blood vessels open up. This leads to lower blood pressure and makes the heart work harder to push the blood around the body.
- This can cause mild symptoms such as an itchy heat rash or swollen feet as blood vessels become leaky.

What to do when the weather is too hot?

- Keep your
 - Home as cool as possible
 - Open your windows at night to let in cool air.
 - Morning close windows early to try and shut out the day's heat for as long as possible,
 - Place fans strategically in your home to create crossbreezes.



5



Heat stroke occurs when the human body can no longer regulate its core temperature, and is characterized by a temperature of 104 degrees Fahrenheit or higher. It can quickly affect the central nervous system. Death comes from organ failure and because the heart stops pumping effectively.

HOW OVERHEATING CAN LEAD TO DEATH



Heat stroke requires aggressive treatments, including rapid cooling and therapies to stabilize organ function.

Even people who survive can face permanent brain damage or other organ injury if their core temperature has been above 105°F for more than an hour or two.

High exertion coupled with multiple layers of clothing may produce heat illness even in more moderate temperatures,

Hyponatremia, or low sodium levels in the blood, results from overhydration and can be deadly.

How to keep you and your pet cool during a heat wave:

How to stay cool in a heat wave?

Stay Inside! As much as possible stay inside air conditioned buildings,

Dress Light! Wear loose fitting and light weight clothes,

Keep hydrated! Limit the risk of dehydration by consciously consuming enough water,

Eat Less! You'll feel the effects of heat waves less if you eat lighter meals and avoid feeling full.

Find Shade! If you have to go outside, seek out shaded areas.

Stay Smart! Don't use appliances like ovens, dishwashers and dryers during the day to avoid heating up your house

Bring your pet Indoors – even if they are an outside animals the high temperatures and high humidity could easily cause your pet to overheat!

Consider shaving your pet – the shorter hair will help your pet regulate their body temperature more easily.

Make sure they have plenty of water—
this helps keep your pet from experiencing
dehudration and heatstroke.

Feed them less than normal — full stomachs can help increase symptoms of dehydration and nausea, Help your pet stay cool by not letting them eat too much.

