

Town of Cornwall
Village of Cornwall-on-Hudson

Memorandum
Office of Emergency Management

To: Town of Cornwall and Village of Cornwall-on-Hudson (All Departments)

From: Kurt W. Hahn, Emergency Manager

Re: HEAT WAVE

Date: July 6, 2010

Oppressive and Dangerous Heat Wave:

According to the National Weather Service (www.noaa.gov) and AccuWeather (www.accuweather.com), a dangerous and record-challenging heat wave will affect much of the East this week. The hottest days are expected Tuesday and Wednesday.

In some locations this heat wave will rival many that have occurred in the past 20 years with the potential for up to a several-day stretch of temperatures in the upper 90s to low 100s from southern New England to the Carolinas. Temperatures over the Independence Day weekend were just a warm up compared to how nasty the weather will get, especially for those who do not have air conditioning or must do manual labor outdoors.

Safety:

The National Weather Service *Heat Advisory, Air Quality Alert, and Hazardous Weather Outlook* are attached with this memo. Updates are available by visiting www.noaa.gov.

Heat Stress is the primary concern for all. Please reference the attached OSHA reference for Heat Exhaustion and Heat Stroke.

Our Community:

Children are encouraged to cool off by visiting the town pool during the Heat Wave.

If there are no power outages in the community, residents should patronize local businesses and may visit the following locations with air conditioning during normal hours of operation:

Cornwall Library – 10am-8pm

Munger Cottage – Normal Programs for Seniors

Village Hall – Meeting Room

If there is a widespread power outage in the community, the Cornwall Volunteer Ambulance Corps will open as a cooling center and if necessary, we will evaluate opening additional centers.

For Further Information:

Please contact Kurt Hahn at 845.629.6873 or email khahn@cornwallny.gov.

Stay Safe!



Protect Yourself Heat Stress

When the body is unable to cool itself by sweating, several heat-induced illnesses such as heat stress or heat exhaustion and the more severe heat stroke can occur, and can result in death.

Factors Leading to Heat Stress

High temperature and humidity; direct sun or heat; limited air movement; physical exertion; poor physical condition; some medicines; and inadequate tolerance for hot workplaces.

Symptoms of Heat Exhaustion

- Headaches, dizziness, lightheadedness or fainting.
- Weakness and moist skin.
- Mood changes such as irritability or confusion.
- Upset stomach or vomiting.

Symptoms of Heat Stroke

- Dry, hot skin with no sweating.
- Mental confusion or losing consciousness.
- Seizures or convulsions.

Preventing Heat Stress

- Know signs/symptoms of heat-related illnesses; monitor yourself and coworkers.
- Block out direct sun or other heat sources.
- Use cooling fans/air-conditioning; rest regularly.
- Drink lots of water; about 1 cup every 15 minutes.
- Wear lightweight, light colored, loose-fitting clothes.
- Avoid alcohol, caffeinated drinks, or heavy meals.

What to Do for Heat-Related Illness

- Call 911 (or local emergency number) at once.

While waiting for help to arrive:

- Move the worker to a cool, shaded area.
- Loosen or remove heavy clothing.
- Provide cool drinking water.
- Fan and mist the person with water.

Heat Advisory

**URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE NEW YORK NY
506 AM EDT TUE JUL 6 2010**

...HOT AND INCREASINGLY MORE HUMID...

.A WARM RIDGE ALOFT AND SURFACE HIGH PRESSURE OVER THE MID ATLANTIC STATES WILL KEEP HOT AND INCREASINGLY MORE HUMID CONDITIONS ACROSS THE AREA THROUGH MID WEEK.

...HEAT ADVISORY REMAINS IN EFFECT FROM 11 AM THIS MORNING TO 7 PM EDT THIS EVENING...

A HEAT ADVISORY REMAINS IN EFFECT FROM 11 AM THIS MORNING TO 7 PM EDT THIS EVENING.

THE COMBINATION OF TEMPERATURES OF 95 TO 100 DEGREES...ALONG WITH GRADUALLY INCREASING HUMIDITY LEVELS...WILL PRODUCE HEAT INDEX VALUES OF 100 TO 104 TUESDAY AFTERNOON.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HEAT ADVISORY IS ISSUED WHEN HIGH HUMIDITIES ARE EXPECTED TO COMBINE WITH HOT TEMPERATURES TO MAKE IT FEEL LIKE IT IS 100 TO 104 DEGREES FOR TWO CONSECUTIVE HOURS. DRINK PLENTY OF FLUIDS... STAY IN AN AIR-CONDITIONED ROOM...STAY OUT OF THE SUN...AND CHECK UP ON RELATIVES AND NEIGHBORS.

Air Quality Alert

...AIR QUALITY ALERT IN EFFECT FROM 10 AM THIS MORNING TO 10 PM EDT THIS EVENING...

THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION HAS ISSUED AN AIR QUALITY HEALTH ADVISORY

IN EFFECT FROM 10 AM THIS MORNING TO 10 PM EDT THIS EVENING.

AIR QUALITY LEVELS IN OUTDOOR AIR ARE PREDICTED TO BE GREATER THAN AN AIR QUALITY INDEX VALUE OF 100 FOR THE POLLUTANT OF GROUND LEVEL OZONE. THE AIR QUALITY INDEX...OR AQI...WAS CREATED AS AN EASY WAY TO CORRELATE LEVELS OF DIFFERENT POLLUTANTS TO ONE SCALE. THE HIGHER THE AQI VALUE, THE GREATER THE HEALTH CONCERN.

WHEN POLLUTION LEVELS ARE ELEVATED...THE NEW YORK STATE DEPARTMENT OF HEALTH RECOMMENDS THAT INDIVIDUALS CONSIDER

LIMITING STRENUOUS OUTDOOR PHYSICAL ACTIVITY TO REDUCE THE RISK OF ADVERSE HEALTH EFFECTS. PEOPLE WHO MAY BE ESPECIALLY SENSITIVE TO THE EFFECTS OF ELEVATED LEVELS OF POLLUTANTS INCLUDE THE VERY YOUNG, AND THOSE WITH PRE-EXISTING RESPIRATORY PROBLEMS SUCH AS ASTHMA OR HEART DISEASE. THOSE WITH SYMPTOMS SHOULD CONSIDER CONSULTING THEIR PERSONAL PHYSICIAN.

A TOLL FREE AIR QUALITY HOTLINE HAS BEEN ESTABLISHED SO NEW YORK RESIDENTS CAN STAY INFORMED ON THE AIR QUALITY SITUATION. THE TOLL FREE NUMBER IS: 1-800-5 3 5-1 3 4 5.

Hazardous Weather Outlook

**HAZARDOUS WEATHER OUTLOOK
NATIONAL WEATHER SERVICE NEW YORK NY
452 AM EDT TUE JUL 6 2010**

...HEAT ADVISORY IN EFFECT FROM 11 AM THIS MORNING TO 7 PM EDT THIS EVENING...

.DAY ONE...TODAY AND TONIGHT.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

HEAT ADVISORY.

.DAYS TWO THROUGH SEVEN...WEDNESDAY THROUGH MONDAY

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME THAT WOULD MEET NATIONAL WEATHER SERVICE WARNING CRITERIA.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

THIS HAZARDOUS WEATHER OUTLOOK PROVIDES A SUMMARY OF POTENTIAL WIDESPREAD HAZARDOUS WEATHER EVENTS THAT MAY REACH NWS WARNING CRITERIA. MOST LONG FUSED NWS WATCHES...WARNINGS AND ADVISORIES IN EFFECT ARE HIGHLIGHTED.

PLEASE REFER TO THE LATEST NWS FORECASTS FOR WEATHER NOT MEETING NWS WARNING CRITERIA.