























**COOL AND SHADED LOCATION. HEAT STROKE IS AN EMERGENCY - CALL 911.**

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In addition, the following text is optional at each Region's discretion:

**THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION ADVISES THAT WORKERS WHO WEAR PROTECTIVE SUITS MAY BE AT INCREASED RISK BECAUSE SUITS CAN BLOCK COOLING.**

d. Order of Segments. Non-precipitation watches are usually placed last in the order of segments. This order was designed to place the most important or time sensitive information near the beginning of the message. The order of segments is:

- (1) Cancellation
- (2) Warnings
- (3) Advisories
- (4) Watches

e. Order of Headlines. More than one headline is required in a segment when two or more non-precipitation weather events are forecast to occur for the same UGC or geographical area.

The order of headlines will follow the order of segments. Examples:

- (1) Dense Fog Advisory and Excessive Heat Watch in effect for the same geographical area.

...Dense Fog Advisory in effect until 9 am EST this morning...

...Excessive Heat Watch in effect from Thursday afternoon through Friday afternoon...

- (2) High Wind Warning and Wind Advisory in effect for the same mountain zone(s).

...High Wind Warning in effect until 11 am PST Wednesday above 3000 ft...

...Wind Advisory in effect until 11 am PST Wednesday at or below 3000 ft...

6.3.5 Format

Table 3: Generic Format for a NPW

<p>URGENT - WEATHER MESSAGE          National Weather Service (Office)          (Time and Date)</p> <p>(Zone identifiers)- (valid time)-          /(VTEC information)          (Location(s) (Zones/polygons included)          (Time and date)</p> <p>...(HAZARD)          WATCH/WARNING/ADVISORY/STATEMENT IN          EFFECT UNTIL (TIME)...</p> <p>* WHAT...(Bulleted text)</p> <p>* WHERE...(Bulleted text)</p> <p>* WHEN...(Bulleted text)</p> <p>* IMPACTS...(Bulleted text)</p> <p>ADDITIONAL DETAILS...(Optional Text)</p> <p>PRECAUTIONARY/PREPAREDNESS          ACTIONS...(Text)</p> <p>&amp;&amp;</p> <p>\$\$</p>	
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6.3.5.1 Bulleted Text Items

As part of the ongoing Hazard Simplification Project, all Non-Precipitation Weather Hazard products (NPW) will reformat into a “What”, “Where”, “When”, “Impacts”, “Additional Details”, and “Precautionary/Preparedness Actions” information ordering format for clarifying hazard messages.

Bullets should be as short and simple as possible to convey significant information for an event. Generally only one or two sentences should suffice. Bullets can be locally or regionally defined

## NWSI 10-515 DECEMBER 27, 2019

in order to meet users' needs, but should always include an impact bullet. In addition to impact, other bullets should be used to describe the severity and evolution of the event. They may include, but are not limited to: Hazard, Timing, Location, Level of Confidence, Temperatures, and Wind. In the event of a power outage during a heat event, such as after a severe thunderstorm, high winds or derecho, additional CTA statements should be added as appropriate.

Two examples of bullets:

Example 1:

...WIND ADVISORY REMAINS IN EFFECT FROM NOON TODAY TO 6 AM EST THURSDAY...

- \* WHAT...West winds 20 to 30 mph with gusts up to 50 mph expected.
- \* WHERE...Portions of southwest Virginia, north central and northwest North Carolina and southeast West Virginia.
- \* WHEN...From noon Wednesday to 6 AM EST Thursday.
- \* IMPACTS...Gusty winds will blow around unsecured objects. Tree limbs could be blown down and a few power outages may result.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Use extra caution when driving, especially if operating a high profile vehicle. Secure outdoor objects.

Example 2:

...DENSE FOG ADVISORY IN EFFECT UNTIL 11 AM MST /10 AM PST/ THIS MORNING...

...AIR STAGNATION ADVISORY REMAINS IN EFFECT UNTIL 2 PM MST /1 PM PST/ FRIDAY...

- \* WHAT...For the Air Stagnation Advisory, an extended period of stagnant air, with light winds and little vertical mixing. For the Dense Fog Advisory, visibility one quarter mile or less in dense fog.
- \* WHERE...Treasure Valley and Upper Weiser River zone.
- \* WHEN...For the Air Stagnation Advisory, until 2 PM MST /1 PM PST/ Friday. For the Dense Fog Advisory, until 11 AM MST /10 AM PST/ this morning.
- \* IMPACTS...Hazardous driving conditions due to low visibility. Periods of air stagnation can lead to the buildup of pollutants near the surface.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

If driving, slow down, use your headlights, and leave plenty of

distance ahead of you.

If possible, reduce or eliminate activities that contribute to air pollution, such as outdoor burning, and the use of residential wood burning devices. Reduce vehicle trips and vehicle idling as much as possible. Check with local agencies for possible restrictions in your area.

#### 6.4 Updates, Cancellations, and Corrections

WFOs will update NPWs at least once every 12 hours, or when there is a change in timing, areal extent, or expected conditions. WFOs should issue the updated NPW before the product expiration time is reached.

Non-precipitation watches are either upgraded into warnings or advisories, or cancelled.

WFOs will issue a NPW to cancel a watch when the forecaster believes the threat of hazardous non-precipitation weather will not develop.

WFOs will issue correction statements for format or grammatical errors as required. To reduce format or grammatical errors, forecasters should proofread the product before transmission.

Graphical Forecast Editor Graphical Hazard Generation (GFE GHG) software provides the capability for forecasters to edit the headlines by “unlocking” them (Note, the default setting keeps headlines “locked”.)

#### 6.5 Upgrade Watch to Warning or Advisory

When a non-precipitation weather watch is upgraded to a non-precipitation weather warning or non-precipitation weather advisory for the same geographical area, the NPW segment will contain one headline and two P-VTEC lines. The headline will list the new warning or advisory only. The first P-VTEC line will use the UPG action code to show the old non-precipitation weather watch is being upgraded. The second P-VTEC line will either use the NEW action code to start the new non-precipitation weather warning or advisory, or use the EXA or EXB action code to extend an existing weather warning or advisory into this geographical area.

##### 6.5.1 Upgrade Watch to Warning Segment Example

MIZ001>003-031100

**/O.UPG.KMQT.HW.A.0002.040103T0800Z-040103T2300Z/ (P-VTEC line 1)**

**/O.NEW.KMQT.HW.W.0003.040103T0800Z-040103T2300Z/ (P-VTEC line 2)**

KEWEENAW-NORTHERN HOUGHTON-ONTONAGON INCLUDING THE CITIES  
OF...COPPER HARBOR...HOUGHTON...ONTONAGON 400 PM EST FRI JAN 2 2004

**...HIGH WIND WARNING IN EFFECT FROM 3 AM TO 6 PM EST SATURDAY...**

**(Only one headline used - lists active non-precipitation weather warning)**

<descriptive text>

**APPENDIX A - Non-Precipitation Weather Product Examples**

This section contains guidelines and examples of non-precipitation weather products.

**Non-Precipitation Weather Watch Examples**

Freeze Watch

An example of a Freeze Watch, first issuance.

WWUS72 KFFC 082007  
NPWFFC

URGENT - WEATHER MESSAGE  
National Weather Service Peachtree City GA  
307 PM EST Thu Nov 8 2018

GAZ001>009-011>016-019>021-030-031-041-090415-  
/O.NEW.KFFC.FZ.A.0011.181110T0800Z-181110T1500Z/  
Dade-Walker-Catoosa-Whitfield-Murray-Fannin-Gilmer-Union-Towns-  
Chattooga-Gordon-Pickens-Dawson-Lumpkin-White-Floyd-Bartow-  
Cherokee-Polk-Paulding-Haralson-Including the cities of Calhoun,  
Dahlonega, Cleveland, Rome, and Cartersville  
307 PM EST Thu Nov 8 2018

...FREEZE WATCH IN EFFECT FROM LATE FRIDAY NIGHT THROUGH SATURDAY  
MORNING...

\* WHAT... Subfreezing temperatures are possible.

\* WHERE... Northwest and far north Georgia, along and north of a  
line from Buchanan to Canton and Cleveland.

\* WHEN... From late Friday night through Saturday morning.

\* IMPACTS... Frost and freeze conditions could kill crops, other  
sensitive vegetation and possibly damage unprotected outdoor  
plumbing.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Take steps now to protect tender plants from the cold.  
To prevent freezing and possible bursting of outdoor water pipes  
they should be wrapped, drained, or allowed to drip slowly. Those  
that have in-ground sprinkler systems should drain them and cover  
above-ground pipes to protect them from freezing

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High Wind Watch

An example of a High Wind Watch, first issuance.

WWUS71 KBOX 260733  
NPWBOX

URGENT - WEATHER MESSAGE  
National Weather Service Boston/Norton MA  
333 AM EDT Fri Oct 26 2018

MAZ022>024-RIZ008-261545-  
/O.NEW.KBOX.HW.A.0005.181027T1000Z-181027T2100Z/  
Barnstable MA-Dukes MA-Nantucket MA-Block Island RI-  
Including the cities of Chatham, Falmouth, Provincetown,  
Vineyard Haven, Nantucket, and New Shoreham  
333 AM EDT Fri Oct 26 2018

...HIGH WIND WATCH IN EFFECT FROM SATURDAY MORNING THROUGH  
SATURDAY AFTERNOON...

\* WHAT...East winds 25 to 35 mph with gusts up to 60 mph are  
possible.

\* WHERE...Cape Cod, Nantucket, Martha's Vineyard and Block  
Island.

\* WHEN...From Saturday morning through Saturday afternoon.

\* IMPACTS...Potential widespread power outages from downed trees  
and power lines.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Monitor the latest forecasts and warnings for updates on this  
situation. Fasten loose objects or shelter objects in a safe  
location prior to the onset of winds.

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Excessive Heat Watch

An example of an Excessive Heat Watch, first issuance.

WWUS71 KALY 291922  
NPWALY

URGENT - WEATHER MESSAGE  
National Weather Service Albany NY  
322 PM EDT Fri Jun 29 2018

CTZ001-013-MAZ001-025-300900-  
/O.NEW.KALY.EH.A.0001.180701T1600Z-180703T0200Z/  
Northern Litchfield-Southern Litchfield-Northern Berkshire-  
Southern Berkshire-  
Including the cities of Torrington, Oakville, Gaylordsville,  
New Milford, Terryville, Thomaston, Dalton, Hancock, Pittsfield,  
Florida, North Adams, Sandisfield, Great Barrington, and South  
Egremont  
322 PM EDT Fri Jun 29 2018

...EXCESSIVE HEAT WATCH IN EFFECT FROM SUNDAY AFTERNOON THROUGH  
MONDAY EVENING...

\* WHAT... Prolonged period of dangerously hot temperatures and high  
humidity are possible.

\* WHERE... The Berkshires of Massachusetts and Litchfield County in  
Connecticut.

\* WHEN... From Sunday afternoon through Monday evening.

\* IMPACTS... The combination of hot temperatures and high humidity  
will combine to create a dangerous situation in which heat  
illnesses are possible.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Monitor the latest forecasts and warnings for updates on this  
situation. Be prepared to drink plenty of fluids, stay in an air-  
conditioned room, stay out of the sun, and check up on relatives  
and neighbors.

Young children and pets should never be left unattended in  
vehicles under any circumstances. This is especially true during

**NWSI 10-515 DECEMBER 27, 2019**

warm or hot weather when car interiors can reach lethal temperatures in a matter of minutes.

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**Non-Precipitation Weather Warning Example**

An example of a Hard Freeze Warning – First Issuance

WWUS72 KFFC 150828  
NPWFFC

URGENT - WEATHER MESSAGE  
National Weather Service Peachtree City GA  
328 AM EST Thu Nov 15 2018

GAZ001>009-011>016-019>025-027-030>039-041>062-066>073-075-151630-  
/O.NEW.KFFC.HZ.W.0015.181116T0400Z-181116T1300Z/  
Dade-Walker-Catoosa-Whitfield-Murray-Fannin-Gilmer-Union-Towns-  
Chattooga-Gordon-Pickens-Dawson-Lumpkin-White-Floyd-Bartow-  
Cherokee-Forsyth-Hall-Banks-Jackson-Madison-Polk-Paulding-Cobb-  
North Fulton-Gwinnett-Barrow-Clarke-Oconee-Oglethorpe-Wilkes-  
Haralson-Carroll-Douglas-South Fulton-DeKalb-Rockdale-Walton-  
Newton-Morgan-Greene-Taliaferro-Heard-Coweta-Fayette-Clayton-  
Spalding-Henry-Butts-Jasper-Putnam-Hancock-Warren-Troup-  
Meriwether-Pike-Upson-Lamar-Monroe-Jones-Baldwin-Glascock-  
Including the cities of Calhoun, Dahlonega, Cleveland, Rome,  
Cartersville, Gainesville, Marietta, Atlanta, Lawrenceville,  
Athens, Carrollton, Douglasville, East Point, Decatur, Conyers,  
Covington, Newnan, Peachtree City, Griffin, and Milledgeville  
328 AM EST Thu Nov 15 2018

...HARD FREEZE WARNING IN EFFECT FROM 11 PM THIS EVENING TO 8 AM  
EST FRIDAY...

- \* WHAT... Sub-freezing temperatures are expected.
- \* WHERE... North and portions of central Georgia, along and north of a West Point to Macon to Louisville line.
- \* WHEN... From 11 PM this evening to 8 AM EST Friday.

**NWSI 10-515 DECEMBER 27, 2019**

\* IMPACTS...Frost and freeze conditions will kill crops, other sensitive vegetation and possibly damage unprotected outdoor plumbing.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Take steps now to protect tender plants from the cold. To prevent freezing and possible bursting of outdoor water pipes they should be wrapped, drained, or allowed to drip slowly. Those that have in-ground sprinkler systems should drain them and cover above-ground pipes to protect them from freezing.

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**High Wind Warning**

An example of a High Wind Warning, first issuance.

WWUS71 KBOX 260733  
NPWBOX

URGENT - WEATHER MESSAGE  
National Weather Service Boston/Norton MA  
333 AM EDT Fri Oct 26 2018

MAZ022>024-RIZ008-261545-  
/O.NEW.KBOX.HW.W.0005.181027T1000Z-181027T2100Z/  
Barnstable MA-Dukes MA-Nantucket MA-Block Island RI-  
Including the cities of Chatham, Falmouth, Provincetown,  
Vineyard Haven, Nantucket, and New Shoreham  
333 AM EDT Fri Oct 26 2018

...HIGH WIND WARNING IN EFFECT FROM SATURDAY MORNING THROUGH  
SATURDAY AFTERNOON...

\* WHAT...East winds 25 to 35 mph with gusts up to 60 mph are expected.

\* WHERE...Cape Cod, Nantucket, Martha's Vineyard and Block Island.

\* WHEN...From Saturday morning through Saturday afternoon.

**NWSI 10-515 DECEMBER 27, 2019**

\* IMPACTS... Damaging winds will blow down trees and power lines. Widespread power outages are expected. Travel will be difficult, especially for high profile vehicles.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

People should avoid being outside in forested areas and around trees and branches. If possible, remain in the lower levels of your home during the windstorm, and avoid windows. Use caution if you must drive.

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**First Issuance of a Blowing Dust Warning.**

WWUS75 KPSR 281739  
NPWPSR

URGENT - WEATHER MESSAGE  
National Weather Service Phoenix AZ  
1039 AM MST Sat Jul 28 2018

AZZ534-537>540-542>544-546-548-550-551-553>555-559-290500-  
/O.NEW.KPSR.DU.W.0015.180728T2200Z-180729T0500Z/  
Aguila Valley-Northwest Valley-Tonopah Desert-Gila Bend-  
Buckeye/Avondale-Deer Valley-Central Phoenix-  
North Phoenix/Glendale-Scottsdale/Paradise Valley-East Valley-  
South Mountain/Ahwatukee-Southeast Valley/Queen Creek-  
Northwest Pinal County-West Pinal County-  
Apache Junction/Gold Canyon-Sonoran Desert Natl Monument-  
Including the cities of Aguila, Gladden, Wickenburg, Circle City,  
Surprise, Wittmann, Beardsley, Sun City West, Arlington,  
Hassayampa, Tonopah, Wintersburg, Gila Bend, Sentinel, Avondale,  
Cashion, Goodyear, Liberty, Peoria, Phoenix, Paradise Valley,  
Mesa, Chandler, Tempe, Gilbert, Sun Lakes, Queen Creek, Casa  
Grande, Cactus Forest, Florence, Coolidge,  
and Apache Junction  
1039 AM MST Sat Jul 28 2018

...BLOWING DUST WARNING IN EFFECT FROM 3PM THIS AFTERNOON TO  
10 PM MST THIS EVENING...

\* WHAT...Widespread blowing dust is expected.

**NWSI 10-515 DECEMBER 27, 2019**

\* WHERE...The lower elevations of Maricopa and Pinal Counties including metro Phoenix, Casa Grande, Gila Bend, I-10, and I-8.

\* WHEN...From 3 PM this afternoon to 10 PM MST this evening.

\* IMPACTS...Severely limited visibilities are expected. Travel will be dangerous and possibly life-threatening.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Persons with respiratory problems should make preparations to stay indoors until the storm passes. Be ready for a sudden drop in visibility to near zero. If you encounter blowing dust or blowing sand on the roadway or see it approaching, pull off the road as far as possible and put your vehicle in park. Turn the lights all the way off and keep foot off the brake pedal. Remember, Pull Aside, Stay Alive.

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**Non-Precipitation Weather Advisory Examples**

An example of a Lake Wind Advisory

WWUS72 KCAE 081910  
NPWCAE

URGENT - WEATHER MESSAGE  
National Weather Service Columbia SC  
210 PM EST Fri Feb 8 2019

SCZ031-036>038-092100-  
/O.NEW.KCAE.LW.Y.0005.190209T0600Z-190209T2100Z/  
Sumter-Orangeburg-Calhoun-Clarendon-  
Including the cities of Sumter, Orangeburg, Brookdale,  
St. Matthews, Manning, and Summerton  
210 PM EST Fri Feb 8 2019

**NWSI 10-515 DECEMBER 27, 2019**

...LAKE WIND ADVISORY IN EFFECT FOR LAKE MARION FROM 1 AM TO 4 PM EST SATURDAY...

\* WHAT...Northeast winds 15 to 20 knots with gusts up to 25 knots are expected.

\* WHERE... Lake Marion.

\* WHEN...From 1 am to 4 pm EST Saturday.

\* IMPACTS... Strong winds and rough waves on area lakes will create hazardous conditions for small craft.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Winds will make boating difficult...especially for small craft that will be prone to capsizing. Use extra caution.

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Wind Advisory

An example of a Wind Advisory – First issuance

WWUS71 KBOX 260733  
NPWBOX

URGENT - WEATHER MESSAGE  
National Weather Service Boston/Norton MA  
333 AM EDT Fri Oct 26 2018

MAZ022>024-RIZ008-261545-  
/O.NEW.KBOX.HW.Y.0005.181027T1000Z-181027T2100Z/  
Barnstable MA-Dukes MA-Nantucket MA-Block Island RI-  
Including the cities of Chatham, Falmouth, Provincetown,  
Vineyard Haven, Nantucket, and New Shoreham  
333 AM EDT Fri Oct 26 2018

...WIND ADVISORY IN EFFECT FROM SATURDAY MORNING THROUGH SATURDAY AFTERNOON...

\* WHAT...Northeast winds 15 to 20 mph with gusts up to 45 mph are expected.

**NWSI 10-515 DECEMBER 27, 2019**

\* WHERE... Cape Cod, Nantucket, Martha's Vineyard and Block Island.

\* WHEN... From Saturday morning through Saturday afternoon.

\* IMPACTS... Gusty winds will blow around unsecured objects. Tree limbs could be blown down and a few power outages may result.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Winds this strong can make driving difficult...especially for high profile vehicles. Use extra caution. Secure outdoor objects.

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Heat Advisory – First Issuance

Note: OSHA language is included in the CTA statement.

WWUS71 KALY 041917  
NPWALY

URGENT - WEATHER MESSAGE  
National Weather Service Albany NY  
317 PM EDT Sat Aug 4 2018

NYZ059-060-064-065-050900-  
/O.NEW.KALY.HT.Y.0006.180805T1600Z-180806T0100Z/  
Eastern Greene-Western Columbia-Eastern Ulster-Western Dutchess-  
Including the cities of Catskill, Coxsackie, Athens, Cairo,  
Jefferson Heights, Hudson, Kingston, New Paltz, Poughkeepsie,  
Beacon, and Arlington  
317 PM EDT Sat Aug 4 2018

...HEAT ADVISORY IN EFFECT FROM NOON TO 9 PM EDT SUNDAY...

\* WHAT...A period of dangerously hot temperatures are expected.

\* WHERE... The mid Hudson River Valley of eastern Ulster,  
western Dutchess, eastern Greene and western Columbia Counties  
of eastern New York.

\* WHEN... Noon to 9 PM EDT Sunday.

**NWSI 10-515 DECEMBER 27, 2019**

\* IMPACTS... Hot temperatures will create a situation in which heat illnesses could occur.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Drink plenty of fluids, stay in an air-conditioned room, stay out of the sun, and check up on relatives and neighbors.

Take extra precautions, if you work or spend time outside. When possible, reschedule strenuous activities to early morning or evening. Know the signs and symptoms of heat exhaustion and heat stroke. Wear light weight and loose fitting clothing when possible and drink plenty of water.

To reduce risk during outdoor work, the Occupational Safety and Health Administration recommends scheduling frequent rest breaks in shaded or air conditioned environments. Anyone overcome by heat should be moved to a cool and shaded location. Heat stroke is an emergency, call 9 1 1.

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