

Adjusting HID Contents

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Impact options come from **impactChoices** method in Hazard Meta Data → **MetaData_WinterWx.py**

Make an incremental override to adjust what appears for each Hazard type

To edit the content of existing impact statements or add new ones for selection in the HID, edit the specific impact statement or add a new one in the local override of

Utilities → **CallsToActionAndImpacts.py**

Type

Category: Winter Weather

Type: Winter Storm Warning (WS.W)

Drawing

Update Hazard Hatched Area

Time Range

Start: 18-Aug-2020 21:53

End: 19-Aug-2020 12:00

Until further notice

Details

Impacts:

Automatically Generated Impacts (derived from grids)

Roads slick and hazardous

Below 1/4 mile visibility from falling and blowing snow

Winds and snow on limbs/lines; sporadic outages

Ice accumulation on limbs/lines; widespread outages

Whiteout conditions expected; travel will be treacherous

Calls to Action

Automatically Generated CTAs (derived from grids)

Stay indoors; dress code for outdoor exposure

Delay travel if possible; if travel is necessary...

Delay travel; use extreme caution if travel is necessary

Consider delaying travel; winter storm kit preparation

Do not touch downed lines; report outages; travel discouraged

For non-Great Lakes WFOs, remove all .LakeEffect via an incremental override of **Hazard Categories** → **HazardCategories.py**

For the ER offices who will be issuing LE.W instead of WS.W.LakeEffect, **Hazard Categories** → **HazardCategories.py** affects this

[Make an incremental override to enable](#)

CTA options come from **getCTA_Choices** method in Hazard Meta Data → **MetaData_WinterWx.py**

Make an incremental override to adjust what appears for each Hazard type

To edit the content of existing CTA statements or to add new ones for selection in the HID, [edit the specific CTA statement](#) or add a new one in the local override of Utilities → **CallsToActionAndImpacts.py**

Adjusting What and Where Output

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How an ongoing event is worded can be changed via an override of the **ongoingEventPhrase** method in Utilities → **LocalVariables.py**

Make an incremental override to modify

In Utilities → **LocalVariables.py**, the threshold value to start including wind gusts can be set via **gustReportThreshold**

```
What: (* required field)
Blizzard conditions ongoing. Additional snow accumulations of 1 to 15
inches. Winds gusting as high as 65 mph.

Where: (* required field)
Jackson County Below 9000 Feet and West Jackson and West Grand Counties
Above 9000 Feet Counties.
```

Many changes can be made to the areal description generated by modifying various methods in Utilities → **LocalVariables.py**

The number of zones explicitly listed can be limited (**getMaxZonesToList** method), [what descriptor is used](#) (**zoneType** method), and the powerful **localWherePhrase** method can be [utilized to specify wording for set groups of zones](#)

In Utilities → **LocalVariables.py**, [the GFE weather elements that will be sampled can be set](#). Methods include:
useStormTotalSnowGrid
useSleetAmtGrid
usePotBlowingSnowGrid
iceAccumElement

The sampling algorithm is set in the **makeAccumPhrase** in Utilities → **WSW_PhraseMethods**

Local effects can be added for certain areas and [other edit areas can be set to not be sampled](#) by overriding Utilities → **LocalEffects.py**

Adjusting Impacts and CTA Output

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In Utilities → **LocalVariables.py**, the hours governing the commute times, (time range needs to be an inclusive list of hours) and the zones to not consider for [the commute phrase](#) are set

The resulting wording for the commute phrase(s) is set in Utilities → **PhraseMethodsUtil.py**

[The hazard-specific CTAs](#) (i.e. cta_BZ_W) can be overridden via Utilities → **CallsToActionAndImpacts.py**

Impacts Bullet: (* required field)

Travel could be very difficult to impossible. The hazardous conditions could impact the evening commute. Very strong winds could cause extensive tree damage.

Additional Details:

Calls To Action:

Travel should be restricted to emergencies only. If you must travel, have a winter survival kit with you. If you get stranded, stay with your vehicle. Please report snow or ice by calling 412-262-1988, posting to the NWS Pittsburgh Facebook page, or using Twitter @NWSPittsburgh.

In Utilities → **LocalVariables.py**, [the local reporting CTA](#) included in each WSW segment can be set via the **localCTA** method

In Utilities → **LocalVariables**, [the thresholds and possible impact statements](#) for each winter hazard type (snow, ice, wind, etc.) can be overridden via the hazard-specific methods:

iceImpactThresholds
sleetImpactThresholds
snowImpactThresholds
windGustImpactThresholds
windChillImpactThresholds
blowingSnowImpactThresholds

Each of these methods allows thresholds, zones over which the threshold applies, and the associated impact statements for the threshold to be defined

Adjusting Other WSW Output

* Mouseover for clickable links to jobsheets

```
Grand/Northwest Boulder Counties Above 9000 Feet-South and  
Southeast Grand/West Central and Southwest Boulder/Gilpin/Clear  
Creek/Summit/North and West Park Counties Above 9000 Feet-Larimer  
and Boulder Counties Between 6000 and 9000 Feet-Jefferson and  
West Douglas Counties Above 6000 Feet/Gilpin/Clear  
Creek/Northeast Park Counties Below 9000 Feet-Central and  
Southeast Park County-Larimer County Below 6000 Feet/Northwest  
Weld County-Boulder And Jefferson Counties Below 6000 Feet/West  
Broomfield County-
```

```
Including the cities of Gould, Hartsel, Roxborough Park, Mt  
Zirkel, Pearl, Rabbit Ears Pass, Breckenridge, Harmony, Leyden,  
Evergreen, Glendevey, Nederland, Silverthorne, Kremmling, Arvada,  
Cameron Pass, Broomfield, 11-Mile Canyon Res, Long's Peak,  
Granby, Trail Ridge, Longmont, Antero Reservoir, Loveland,  
Jefferson, Estes Park, Pingree Park, Garo, Wah Keeney Park,  
Lakewood, Fort Collins, Fraser, Genesee, Antero Junction, Walden,  
Lake George, Frisco, Guffey, and Boulder
```

```
357 PM MDT Mon Aug 31 2020
```

```
...BLIZZARD WARNING IN EFFECT UNTIL 2 AM MDT TUESDAY...
```

```
* WHAT...Blizzard conditions ongoing.
```

```
* WHERE...Portions of central Colorado.
```

```
* WHEN...Until 2 AM MDT Tuesday.
```

```
* IMPACTS... The hazardous conditions could impact the evening  
commute.
```

```
PRECAUTIONARY/PREPAREDNESS ACTIONS...
```

```
Travel should be restricted to emergencies only. If you must travel,  
have a winter survival kit with you. If you get stranded, stay with  
your vehicle. Please report snow or ice by calling 412-262-1988,  
posting to the NWS Pittsburgh Facebook page, or using Twitter  
@NWSPPittsburgh.
```

```
&&
```

```
$$
```

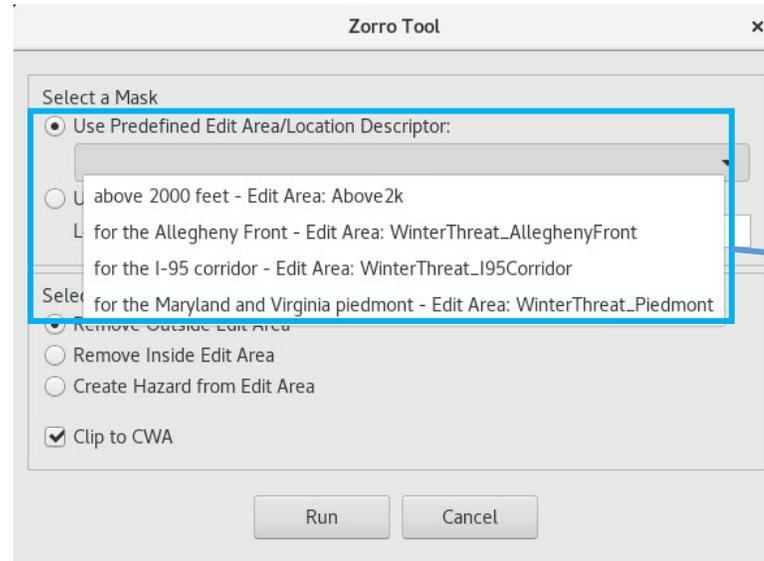
```
For more information from the National Weather Service visit  
http://weather.gov/my\_office
```

The ability to turn off the cities list or to alter the lead in phrase “Including the cities of ” is available via an override of the **cityDescriptor** method and **includeCities** method in Utilities → **LocalVariables.py**

A URL can be included at the bottom of the generated WSW via an override of the **urlInfoConfiguration** method in Utilities → **LocalVariables.py**

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Console Changes



The Zorro and Add Sampled Geometry tools can be configured to use GFE edit areas in hazard area manipulation and for possible tie-in to phrasing in the WSW.

To configure, [make an override of Utilities → DescriptorDictionary.py](#) to add local edit areas for selection

As it is in Hydro, you can configure console settings [as shown here](#)

