

Product Description Document
Updating short-fused Warnings with Warnings
December 2020

Part 1 – Mission Connection

a) Product Description:

As part of the Hazard Simplification (Haz Simp) effort, the National Weather Service (NWS) is exploring a potential change to the way short-fused warnings are updated. Specifically, for products where it is not currently done, we propose updating all warnings with warnings for consistency across the entire NWS product suite. This would discontinue the use of the following products as a tool to update Warnings:

- Severe Weather Statement (SVS) - updates initial issuances of Tornado Warnings (TOR), Severe Thunderstorm Warnings (SVR) and Extreme Wind Warnings (EWW)
- Flash Flood Statement (FFS) - updates initial issuances of Flash Flood Warnings (FFW)
- Flood Statement (FLS) - updates initial issuance of Flood Warnings (FLW)
- Marine Weather Statement (MWS) - updates initial issuances of Special Marine Warning (SMW)

The purpose of this proposed change is to provide consistent, warning-level messaging throughout the life-cycle of these products. This would be accomplished by providing the warning update under the same Product Identifier Label (PIL) as the initial warning, rather than by using a separate Statement PIL. For example, a “continuation” of a Tornado Warning with new location and/or intensity information would be sent via a Tornado Warning (TOR) rather than a Severe Weather Statement (SVS). Similarly, whether this is a correction to the warning, a segmented product (containing both a portion that is cancelled and a portion that is continued), or the complete cancellation or expiration of a warning, all updates would occur within the same PIL for that particular warning.

b) Purpose/Intended Use:

The paradigm of updating Warnings with Statements came about after the Super Outbreak of April 3-4, 1974. Prior to that, all Warnings went out under one PIL (i.e., TOR for Tornado Warnings and their follow-ups). The issue on that day was that the number of Warning products were overwhelming the teletype. Thus, NWS developed the concept of using Statement PILs to update Warnings. This allowed Statements to be a lower priority on the teletype, and thus new Warnings, rather than updates to existing Warnings, would get priority during dissemination.

Since most land dissemination systems have moved beyond teletype (some marine dissemination still relies on radio and teletype technologies dissemination systems) and messages make it out in a timely manner regardless of their PIL type, the above concerns aren't as relevant today. In fact, the proposed change may actually bring with it several benefits including a more streamlined updating process and more easily tracked events. Also, NWS has received feedback that private sector vendors may only look

for Warning information in the Warning product PIL (SVR, TOR, EWW, FFW, FLW). Keeping the updates in this PIL would increase their reach and improve dissemination of the information. It's important to note that EAS will only alert for the initial warning and not the follow-up products after the initial issuance.

c) Audience/Users:

The target audiences for these products are customers and partners such as emergency managers, state and local officials including School Superintendents, Departments of Transportation (DOTs), media, and the general public. This change would affect all Weather Forecast Offices.

d) Presentation Format:

These are text-based products, which appear on the Watch, Warning, and Advisory page on weather.gov and all other standard dissemination methods. Some are sent via NOAA Weather Radio and the Emergency Alert System.

e) Feedback Method:

A public survey will be attached to the PNS and be open from December 8, 2020 through January 7, 2021.

For further information, please contact:

Greg Schoor
NWS Severe Weather Services Program Manager
Gregory.M.Schoor@noaa.gov

Part 2 – Technical Description

a) Format and Science Basis:

Examples of the new format are shown below. The parts of the text that are being changed have been highlighted. Highlighting represents the change between the products and not actual syntax.

Severe Weather Statement used to update a Severe Thunderstorm Warning

Current

WWUS52 KCHS 171845

SVS

Severe Weather Statement

National Weather Service Charleston SC

145 PM EST Tue Dec 17 2019

GAC267-171915-
/O.CON.KCHS.SV.W.0110.000000T0000Z-191217T1915Z/
Tattnall GA-
145 PM EST Tue Dec 17 2019

...A SEVERE THUNDERSTORM WARNING REMAINS IN EFFECT UNTIL 215 PM EST
FOR TATTNALL COUNTY...

At 144 PM EST, a severe thunderstorm was located over Mendes, moving
northeast at 40 mph.

HAZARD...60 mph wind gusts.

SOURCE...Radar indicated.

IMPACT...Expect damage to trees and powerlines.

Locations impacted include...
Glennville, Manassas and Mendes.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A tornado watch remains in effect for the warned area. Tornadoes can
develop quickly from severe thunderstorms. Although a tornado is not
immediately likely, if one is spotted act quickly and move to a place
of safety inside a sturdy structure, such as a basement or small
interior room.

For your protection move to an interior room on the lowest floor of a
building.

Report damage directly to the Charleston National Weather Service at
1-888-383-2024 when it is safe to do so.

&&

LAT...LON 3208 8205 3220 8201 3208 8198 3205 8189
3204 8177 3200 8184 3188 8211 3190 8211
3197 8212
TIME...MOT...LOC 1844Z 246DEG 35KT 3201 8199

HAIL...<.75IN
WIND...60MPH

\$\$

Proposed

WUUS52 KCHS 171845
SVRCHS

Severe Thunderstorm Warning

National Weather Service Charleston SC

145 PM EST Tue Dec 17 2019

GAC267-171915-
/O.CON.KCHS.SV.W.0110.000000T0000Z-191217T1915Z/
Tattnall GA-
145 PM EST Tue Dec 17 2019

...A SEVERE THUNDERSTORM WARNING REMAINS IN EFFECT UNTIL 215 PM EST
FOR TATTNALL COUNTY...

At 144 PM EST, a severe thunderstorm was located over Mendes, moving
northeast at 40 mph.

HAZARD...60 mph wind gusts.

SOURCE...Radar indicated.

IMPACT...Expect damage to trees and powerlines.

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Glennville, Manassas and Mendes.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A tornado watch remains in effect for the warned area. Tornadoes can
develop quickly from severe thunderstorms. Although a tornado is not
immediately likely, if one is spotted act quickly and move to a place
of safety inside a sturdy structure, such as a basement or small
interior room.

For your protection move to an interior room on the lowest floor of a
building.

Report damage directly to the Charleston National Weather Service at
1-888-383-2024 when it is safe to do so.

&&

LAT...LON 3208 8205 3220 8201 3208 8198 3205 8189
3204 8177 3200 8184 3188 8211 3190 8211
3197 8212
TIME...MOT...LOC 1844Z 246DEG 35KT 3201 8199

HAIL...<.75IN
WIND...60MPH

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Severe Weather Statement used to update a Tornado Warning

Current

WWUS52 KCHS 131029

SVS

Severe Weather Statement

National Weather Service Charleston SC
629 AM EDT Mon Apr 13 2020

SCC029-049-131045-
/O.CON.KCHS.TO.W.0005.000000T0000Z-200413T1045Z/
Hampton SC-Colleton SC-
629 AM EDT Mon Apr 13 2020

...A TORNADO WARNING REMAINS IN EFFECT UNTIL 645 AM EDT FOR HAMPTON
AND COLLETON COUNTIES...

At 629 AM EDT, a confirmed tornado was located over Almeda
Intersection, moving northeast at 55 mph.

HAZARD...Damaging tornado and quarter size hail.

SOURCE...Radar confirmed tornado.

IMPACT...Flying debris will be dangerous to those caught without
shelter. Mobile homes will be damaged or destroyed. Damage
to roofs, windows, and vehicles will occur. Tree damage is
likely.

Locations impacted include...
Varnville, Islandton, Cummings and Almeda Intersection.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

To repeat, a tornado is on the ground. TAKE COVER NOW! Move to a
basement or an interior room on the lowest floor of a sturdy
building. Avoid windows. If you are outdoors, in a mobile home, or in
a vehicle, move to the closest substantial shelter and protect
yourself from flying debris.

Report damage directly to the Charleston National Weather Service at
1-888-383-2024 when it is safe to do so.

&&

LAT...LON 3282 8079 3276 8096 3276 8108 3283 8111
3297 8090
TIME...MOT...LOC 1029Z 242DEG 50KT 3281 8103

TORNADO...OBSERVED
HAIL...1.00IN

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Proposed

WWUS52 KCHS 131029

TORCHS

Tornado Warning

National Weather Service Charleston SC

629 AM EDT Mon Apr 13 2020

SCC029-049-131045-

/O.CON.KCHS.TO.W.0005.000000T0000Z-200413T1045Z/

Hampton SC-Colleton SC-

629 AM EDT Mon Apr 13 2020

...A TORNADO WARNING REMAINS IN EFFECT UNTIL 645 AM EDT FOR HAMPTON AND COLLETON COUNTIES...

At 629 AM EDT, a confirmed tornado was located over Almeda Intersection, moving northeast at 55 mph.

HAZARD...Damaging tornado and quarter size hail.

SOURCE...Radar confirmed tornado.

IMPACT...Flying debris will be dangerous to those caught without shelter. Mobile homes will be damaged or destroyed. Damage to roofs, windows, and vehicles will occur. Tree damage is likely.

Locations impacted include...

Varnville, Islandton, Cummings and Almeda Intersection.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

To repeat, a tornado is on the ground. TAKE COVER NOW! Move to a basement or an interior room on the lowest floor of a sturdy building. Avoid windows. If you are outdoors, in a mobile home, or in a vehicle, move to the closest substantial shelter and protect yourself from flying debris.

Report damage directly to the Charleston National Weather Service at 1-888-383-2024 when it is safe to do so.

&&

LAT...LON 3282 8079 3276 8096 3276 8108 3283 8111

3297 8090
TIME...MOT...LOC 1029Z 242DEG 50KT 3281 8103

TORNADO...OBSERVED
HAIL...1.00IN

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Severe Weather Statement used to update an Extreme Wind Warning

Current

WWUS52 KTAE 101902

SVSTAE

Severe Weather Statement

National Weather Service Tallahassee FL
Issued by National Weather Service Jacksonville FL
302 PM EDT WED OCT 10 2018

FLC005-013-045-063-077-133-102015-
/O.CON.KTAE.EW.W.0002.000000T0000Z-181010T2015Z/
Jackson FL-Gulf FL-Bay FL-Calhoun FL-Liberty FL-Washington FL-
302 PM EDT WED OCT 10 2018

...AN EXTREME WIND WARNING REMAINS IN EFFECT UNTIL 415 PM EDT/315 PM
CDT/ FOR SOUTHERN JACKSON...NORTHWESTERN GULF...BAY...CALHOUN...
NORTHWESTERN LIBERTY AND SOUTHEASTERN WASHINGTON COUNTIES...

At 300 PM EDT/200 PM CDT/, National Weather Service Doppler radar
indicated extreme winds, associated with the eyewall of Hurricane
Michael, were continuing to move inland. THIS IS AN EXTREMELY
DANGEROUS AND LIFE-THREATENING SITUATION!

PRECAUTIONARY/PREPAREDNESS ACTIONS...

TAKE COVER NOW! Treat these imminent extreme winds as if a tornado
was approaching and move immediately to the safe room in your
shelter. Take action now to protect your life!

A Tornado Watch remains in effect until 500 PM EDT/400 PM CDT/ for
Big Bend and the Panhandle of Florida. A Tornado Watch also remains
in effect until 200 AM EDT/100 AM CDT/ for Big Bend Florida.

LAT...LON 3072 8566 3067 8502 3062 8491 3061 8493
3060 8488 3053 8488 3053 8483 3051 8481
3027 8491 3009 8518 3008 8541 3021 8569
3040 8579

TIME...MOT...LOC 1900Z 214DEG 20KT 3046 8517

\$\$

Proposed

WWUS52 KTAE 101902

EWWTAE

Extreme Wind Warning

National Weather Service Tallahassee FL

Issued by National Weather Service Jacksonville FL

302 PM EDT WED OCT 10 2018

FLC005-013-045-063-077-133-102015-

/O.CON.KTAE.EW.W.0002.000000T0000Z-181010T2015Z/

Jackson FL-Gulf FL-Bay FL-Calhoun FL-Liberty FL-Washington FL-

302 PM EDT WED OCT 10 2018

...AN EXTREME WIND WARNING REMAINS IN EFFECT UNTIL 415 PM EDT/315 PM CDT/ FOR SOUTHERN JACKSON...NORTHWESTERN GULF...BAY...CALHOUN... NORTHWESTERN LIBERTY AND SOUTHEASTERN WASHINGTON COUNTIES...

At 300 PM EDT/200 PM CDT/, National Weather Service Doppler radar indicated extreme winds, associated with the eyewall of Hurricane Michael, were continuing to move inland. THIS IS AN EXTREMELY DANGEROUS AND LIFE-THREATENING SITUATION!

PRECAUTIONARY/PREPAREDNESS ACTIONS...

TAKE COVER NOW! Treat these imminent extreme winds as if a tornado was approaching and move immediately to the safe room in your shelter. Take action now to protect your life!

A Tornado Watch remains in effect until 500 PM EDT/400 PM CDT/ for Big Bend and the Panhandle of Florida. A Tornado Watch also remains in effect until 200 AM EDT/100 AM CDT/ for Big Bend Florida.

LAT...LON 3072 8566 3067 8502 3062 8491 3061 8493
3060 8488 3053 8488 3053 8483 3051 8481
3027 8491 3009 8518 3008 8541 3021 8569
3040 8579

TIME...MOT...LOC 1900Z 214DEG 20KT 3046 8517

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Marine Weather Statement used to update a Special Marine Warning

Current

FZUS72 KCHS 172217

MWSCHS

Marine Weather Statement

National Weather Service Charleston SC
517 PM EST Tue Dec 17 2019

AMZ354-172227-
/O.CAN.KCHS.MA.W.0103.000000T0000Z-191217T2315Z/
517 PM EST Tue Dec 17 2019

...THE SPECIAL MARINE WARNING IS CANCELLED...

The affected areas were...
Coastal waters from Savannah GA to Altamaha Sound GA out 20 nm...

The thunderstorms have moved out of the warned area.

LAT...LON 3124 8093 3129 8093 3139 8087 3157 8081
3172 8064 3187 8054 3184 8043 3158 7988
TIME...MOT...LOC 2217Z 271DEG 37KT 3163 8055 3125 8078

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AMZ374-172315-
/O.CON.KCHS.MA.W.0103.000000T0000Z-191217T2315Z/
517 PM EST Tue Dec 17 2019

...A SPECIAL MARINE WARNING REMAINS IN EFFECT UNTIL 615 PM EST...

For the following areas...
Waters from Savannah GA to Altamaha Sound GA extending from 20 nm to 60 nm...

At 517 PM EST, strong thunderstorms were located along a line extending from Saylor Barge to 9 nm east of Tug Rio Caroni, moving east at 35 knots.

HAZARD...Wind gusts 35 knots or greater.

SOURCE...Radar indicated.

IMPACT...Small craft could be damaged in briefly higher winds and suddenly higher waves.

Locations impacted include...

Saylor Barge... Tug Delta Diamond...
Honey Barge... Tug Senasqua...

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Move to safe harbor immediately as gusty winds and high waves are expected.

&&

LAT...LON 3124 8093 3129 8093 3139 8087 3157 8081

<cont'd..>

Proposed

WHUS52 KCHS 172217

SMWCHS

Special Marine Warning

National Weather Service Charleston SC

517 PM EST Tue Dec 17 2019

AMZ354-172227-

/O.CAN.KCHS.MA.W.0103.000000T0000Z-191217T2315Z/

517 PM EST Tue Dec 17 2019

...THE SPECIAL MARINE WARNING IS CANCELLED...

The affected areas were...

Coastal waters from Savannah GA to Altamaha Sound GA out 20 nm...

The thunderstorms have moved out of the warned area.

LAT...LON 3124 8093 3129 8093 3139 8087 3157 8081

3172 8064 3187 8054 3184 8043 3158 7988

TIME...MOT...LOC 2217Z 271DEG 37KT 3163 8055 3125 8078

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AMZ374-172315-

/O.CON.KCHS.MA.W.0103.000000T0000Z-191217T2315Z/

517 PM EST Tue Dec 17 2019

...A SPECIAL MARINE WARNING REMAINS IN EFFECT UNTIL 615 PM EST...

For the following areas...

Waters from Savannah GA to Altamaha Sound GA extending from 20 nm to 60 nm...

At 517 PM EST, strong thunderstorms were located along a line extending from Saylor Barge to 9 nm east of Tug Rio Caroni, moving east at 35 knots.

HAZARD...Wind gusts 35 knots or greater.

SOURCE...Radar indicated.

IMPACT...Small craft could be damaged in briefly higher winds and suddenly higher waves.

Locations impacted include...

Saylor Barge...

Tug Delta Diamond...

Honey Barge...

Tug Senasqua...

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Move to safe harbor immediately as gusty winds and high waves are

expected.

&&

LAT...LON 3124 8093 3129 8093 3139 8087 3157 8081
<cont'd..>

Flood Statement used to update a River Flood Warning

Current

WGUS82 KILM 180128

FLSILM

Flood Statement

National Weather Service Wilmington NC
828 PM EST Sat Nov 17 2018

...The Flood Warning has been extended for the following rivers...
Cape Fear At Lock And Dam 1 affecting Bladen County NC
Lynches At Effingham affecting Florence County SC

...The Flood Warning continues for the following rivers...
Little Pee Dee At Galivants Ferry affecting Dillon...Horry and Marion
Counties SC

PRECAUTIONARY/PREPAREDNESS ACTIONS...

People with interests along the river should take the necessary
precautions to protect life and property from the flood waters.
Additional information is available on our website at weather.gov/ilm
under the "Rivers and Lakes" link.

&&

NCC017-181727-
/O.EXT.KILM.FL.W.0035.181119T0300Z-181121T0400Z/
/CPFN7.1.ER.181119T0300Z.181119T1800Z.181120T1200Z.NO/
828 PM EST Sat Nov 17 2018

...Flood Warning now in effect until Tuesday evening...

The Flood Warning continues for
The Cape Fear At Lock And Dam 1.

- * from Sunday evening to Tuesday evening.
- * At 7:45 PM Saturday the stage was 23.31 feet.
- * Flood stage is 24.0 feet.
- * Minor flooding is forecast.
- * Forecast...Rise above flood stage by late tomorrow evening and continue to

rise to near 24.2 feet by early Monday afternoon. The river will fall below flood stage by Tuesday morning.

* Impact...At 24.0 feet, Lowland flooding will occur along the riverbed.

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LAT...LON 3456 7838 3448 7831 3445 7820 3438 7828 3443 7840 3450 7847

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SCC033-051-067-181727-

/O.CON.KILM.FL.W.0036.181119T1200Z-000000T0000Z/

/GALS1.1.ER.181119T1200Z.181121T1800Z.000000T0000Z.NO/

828 PM EST Sat Nov 17 2018

The Flood Warning continues for...

The Little Pee Dee At Galivants Ferry.

* From Monday morning until further notice.

* At 8:00 PM Saturday the stage was 8.67 feet.

* Flood stage is 9.0 feet.

* Minor flooding is forecast.

* Forecast...Rise above flood stage by Monday morning and continue to rise to near 9.3 feet by Thursday morning.

* Impact...At 9.0 feet, flood waters will begin to affect residential yards in the Fork Retch community upstream of Galivants Ferry near the town of Nichols. Swampland flooding becomes noticeable and natural boat landings will be flooded.

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LAT...LON 3423 7921 3419 7910 3405 7920 3398 7928 3400 7938 3409 7930

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SCC041-181727-

/O.EXT.KILM.FL.W.0037.181119T1342Z-181122T0400Z/

/EFFS1.1.ER.181119T1342Z.181120T0600Z.181121T0900Z.NO/

828 PM EST Sat Nov 17 2018

...Flood Warning now in effect until Wednesday evening...

The Flood Warning continues for...

The Lynches At Effingham.

* From Monday morning to Wednesday evening.

* At 8:00 PM Saturday the stage was 12.73 feet.

* Flood stage is 14.0 feet.

* Minor flooding is forecast.

- * Forecast...Rise above flood stage by Monday morning and continue to rise to near 14.8 feet by early Tuesday morning. The river will fall below flood stage by early Wednesday morning.
- * Impact...At 15.0 feet...Flood waters will affect roads near Effingham and New Hope. North Old Georgetown, Roundtree and Bengause Roads will flood in low lying areas near the river.

&&

LAT...LON 3410 7974 3396 7963 3393 7974 3398 7976 3394 7983 3403 7986

Proposed

WGUS82 KILM 180128

FLWILM

Flood Warning

National Weather Service Wilmington NC

828 PM EST Sat Nov 17 2018

...The Flood Warning has been extended for the following rivers...

Cape Fear At Lock And Dam 1 affecting Bladen County NC

Lynches At Effingham affecting Florence County SC

...The Flood Warning continues for the following rivers...

Little Pee Dee At Galivants Ferry affecting Dillon...Horry and Marion Counties SC

PRECAUTIONARY/PREPAREDNESS ACTIONS...

People with interests along the river should take the necessary precautions to protect life and property from the flood waters. Additional information is available on our website at weather.gov/ilm under the "Rivers and Lakes" link.

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NCC017-181727-

/O.EXT.KILM.FL.W.0035.181119T0300Z-181121T0400Z/

/CPFN7.1.ER.181119T0300Z.181119T1800Z.181120T1200Z.NO/

828 PM EST Sat Nov 17 2018

...Flood Warning now in effect until Tuesday evening...

The Flood Warning continues for
The Cape Fear At Lock And Dam 1.

- * from Sunday evening to Tuesday evening.
- * At 7:45 PM Saturday the stage was 23.31 feet.

- * Flood stage is 24.0 feet.
- * Minor flooding is forecast.
- * Forecast...Rise above flood stage by late tomorrow evening and continue to rise to near 24.2 feet by early Monday afternoon. The river will fall below flood stage by Tuesday morning.
- * Impact...At 24.0 feet, Lowland flooding will occur along the riverbed.

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LAT...LON 3456 7838 3448 7831 3445 7820 3438 7828 3443 7840 3450 7847

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SCC033-051-067-181727-
/O.CON.KILM.FL.W.0036.181119T1200Z-000000T0000Z/
/GALS1.1.ER.181119T1200Z.181121T1800Z.000000T0000Z.NO/
828 PM EST Sat Nov 17 2018

The Flood Warning continues for...
The Little Pee Dee At Galivants Ferry.

- * From Monday morning until further notice.
- * At 8:00 PM Saturday the stage was 8.67 feet.
- * Flood stage is 9.0 feet.
- * Minor flooding is forecast.
- * Forecast...Rise above flood stage by Monday morning and continue to rise to near 9.3 feet by Thursday morning.
- * Impact...At 9.0 feet, flood waters will begin to affect residential yards In the Fork Retch community upstream of Galivants Ferry near the town of Nichols. Swampland flooding becomes noticeable and natural boat landings will be flooded.

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LAT...LON 3423 7921 3419 7910 3405 7920 3398 7928 3400 7938 3409 7930

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SCC041-181727-
/O.EXT.KILM.FL.W.0037.181119T1342Z-181122T0400Z/
/EFFS1.1.ER.181119T1342Z.181120T0600Z.181121T0900Z.NO/
828 PM EST Sat Nov 17 2018

...Flood Warning now in effect until Wednesday evening...

The Flood Warning continues for...
The Lynches At Effingham.

- * From Monday morning to Wednesday evening.

- * At 8:00 PM Saturday the stage was 12.73 feet.
- * Flood stage is 14.0 feet.
- * Minor flooding is forecast.
- * Forecast...Rise above flood stage by Monday morning and continue to rise to near 14.8 feet by early Tuesday morning. The river will fall below flood stage by early Wednesday morning.
- * Impact...At 15.0 feet...Flood waters will affect roads near Effingham and New Hope. North Old Georgetown, Roundtree and Bengause Roads will flood in low lying areas near the river.

&&

LAT...LON 3410 7974 3396 7963 3393 7974 3398 7976 3394 7983 3403 7986

Flood Statement used to update a Flood Warning

Current

WGUS81 KILN 051012

FLSILN

Flood Statement

National Weather Service Wilmington OH

512 AM EST MON NOV 5 2018

OHC041-051245-

/O.CON.KILN.FA.W.0033.000000T0000Z-181105T1245Z/

/00000.0.ER.000000T0000Z.000000T0000Z.000000T0000Z.OO/

Delaware OH-

512 AM EST MON NOV 5 2018

...THE FLOOD WARNING FOR THE SCIOTO RIVER IN NORTHWESTERN DELAWARE COUNTY REMAINS IN EFFECT UNTIL 745 AM EST...

At 509 AM EST, the river gage near Prospect indicated that flooding was occurring along the Scioto River, with the river level near 12 feet.

At stages near 12 feet, water covers portions of River Road north of Hoskins Road in northwest Delaware County. Lowland flooding is observed along State Route 257 north of Route 36.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Do not drive your vehicle into areas where the water covers the roadway. The water depth may be too great to allow your vehicle to cross safely and the road beneath may not be intact.

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LAT...LON 4044 8322 4044 8318 4036 8317 4028 8314
4028 8318 4036 8321

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Proposed

WGUS81 KILN 051012

FLWILN

Flood Warning

National Weather Service Wilmington OH

512 AM EST MON NOV 5 2018

OHC041-051245-

/O.CON.KILN.FA.W.0033.000000T0000Z-181105T1245Z/

/00000.0.ER.000000T0000Z.000000T0000Z.000000T0000Z.OO/

Delaware OH-

512 AM EST MON NOV 5 2018

...THE FLOOD WARNING FOR THE SCIOTO RIVER IN NORTHWESTERN DELAWARE COUNTY REMAINS IN EFFECT UNTIL 745 AM EST...

At 509 AM EST, the river gage near Prospect indicated that flooding was occurring along the Scioto River, with the river level near 12 feet.

At stages near 12 feet, water covers portions of River Road north of Hoskins Road in northwest Delaware County. Lowland flooding is observed along State Route 257 north of Route 36.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Do not drive your vehicle into areas where the water covers the roadway. The water depth may be too great to allow your vehicle to cross safely and the road beneath may not be intact.

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LAT...LON 4044 8322 4044 8318 4036 8317 4028 8314

4028 8318 4036 8321

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Flash Flood Statement used to update a Flash Flood Warning

Current

WGUS74 KJAN 141755

FFSJAN

Flash Flood Statement

National Weather Service Jackson MS

1155 AM CST Tue Jan 14 2020

MSC049-089-121-141845-
/O.CON.KJAN.FF.W.0017.000000T0000Z-200114T1845Z/
/00000.0.ER.000000T0000Z.000000T0000Z.000000T0000Z.OO/
Rankin MS-Hinds MS-Madison MS-
1155 AM CST Tue Jan 14 2020

...THIS IS A FLASH FLOOD EMERGENCY FOR THE JACKSON METRO AREA...

...THE FLASH FLOOD WARNING REMAINS IN EFFECT UNTIL 1245 PM CST FOR
CENTRAL RANKIN...NORTHEASTERN HINDS AND SOUTH CENTRAL MADISON
COUNTIES...

At 1151 AM CST, Doppler radar indicated thunderstorms producing
heavy rain across the warned area. Up to four inches of rain have
already fallen. Flash flooding is ongoing or expected to begin
shortly.

THIS IS A FLASH FLOOD EMERGENCY FOR THE JACKSON METRO AREA INCLUDING
DOWNTOWN JACKSON. Local officials reported multiple swift water
rescues are needed in the Jackson Downtown area including homes near
Fortification, Content, and Robinson streets. This is a PARTICULARLY
DANGEROUS SITUATION. SEEK HIGHER GROUND NOW!

HAZARD...Life threatening flash flooding. Heavy rain producing flash
flooding.

SOURCE...Radar indicated.

IMPACT...This is a PARTICULARLY DANGEROUS SITUATION. SEEK HIGHER
GROUND NOW! Life threatening flash flooding of low water
crossings, small creeks and streams, urban areas, highways,
streets and underpasses.

Some locations that will experience flooding include...
Jackson, Clinton, Pearl, Madison, Ridgeland, Brandon, Flowood,
Raymond and Pocahontas.

Additional rainfall amounts of two to 3 inches are possible in the
warned area.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Move to higher ground now. This is an extremely dangerous and
life-threatening situation. Do not attempt to travel unless you are
fleeing an area subject to flooding or under an evacuation order.

Turn around, don't drown when encountering flooded roads. Most flood
deaths occur in vehicles.

&&

LAT...LON 3248 8996 3224 8996 3224 9043 3248 9043

FLASH FLOOD...RADAR INDICATED
FLASH FLOOD DAMAGE THREAT...CATASTROPHIC

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Proposed

WGUS74 KJAN 141755

FFWJAN

Flash Flood Warning

National Weather Service Jackson MS
1155 AM CST Tue Jan 14 2020

MSC049-089-121-141845-
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Rankin MS-Hinds MS-Madison MS-
1155 AM CST Tue Jan 14 2020

...THIS IS A FLASH FLOOD EMERGENCY FOR THE JACKSON METRO AREA...

...THE FLASH FLOOD WARNING REMAINS IN EFFECT UNTIL 1245 PM CST FOR
CENTRAL RANKIN...NORTHEASTERN HINDS AND SOUTH CENTRAL MADISON
COUNTIES...

At 1151 AM CST, Doppler radar indicated thunderstorms producing
heavy rain across the warned area. Up to four inches of rain have
already fallen. Flash flooding is ongoing or expected to begin
shortly.

THIS IS A FLASH FLOOD EMERGENCY FOR THE JACKSON METRO AREA INCLUDING
DOWNTOWN JACKSON. Local officials reported multiple swift water
rescues are needed in the Jackson Downtown area including homes near
Fortification, Content, and Robinson streets. This is a PARTICULARLY
DANGEROUS SITUATION. SEEK HIGHER GROUND NOW!

HAZARD...Life threatening flash flooding. Heavy rain producing flash
flooding.

SOURCE...Radar indicated.

IMPACT...This is a PARTICULARLY DANGEROUS SITUATION. SEEK HIGHER

GROUND NOW! Life threatening flash flooding of low water crossings, small creeks and streams, urban areas, highways, streets and underpasses.

Some locations that will experience flooding include...
Jackson, Clinton, Pearl, Madison, Ridgeland, Brandon, Flowood,
Raymond and Pocahontas.

Additional rainfall amounts of two to three inches are possible in the warned area.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

Move to higher ground now. This is an extremely dangerous and life-threatening situation. Do not attempt to travel unless you are fleeing an area subject to flooding or under an evacuation order.

Turn around, don't drown when encountering flooded roads. Most flood deaths occur in vehicles.

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FLASH FLOOD...RADAR INDICATED
FLASH FLOOD DAMAGE THREAT...CATASTROPHIC

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b) Training:

Appropriate forecaster training, as well as outreach materials will be provided should the proposal move forward.

c) Availability:

These products will be available at all times and issued when criteria are met.