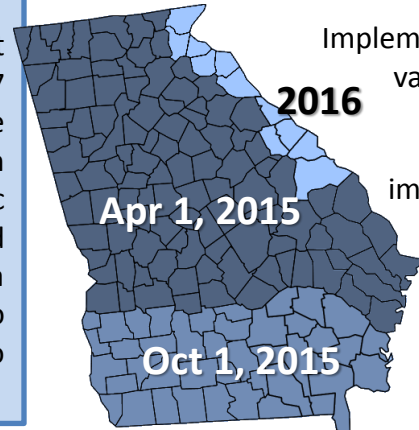


Overview

Impact Based Warnings (IBW) are an experimental product that started in 2012 in NWS Central Region and in 2015, 67 of the 122 Weather Forecast Offices will participate in the experiment. IBWs are designed to improve communication of the most critical information through the use of specific statements, easy to find *hazard* and *impact* information and the use of summary *tags* at the bottom of warnings. As a result, partners and users will notice minor changes to Tornado and Severe Thunderstorm Warnings, and to Severe Weather Statements.

Implementation of IBW



Implementation date varies by office.

National implementation is expected in 2016.

Specific Statements

Specific phrases will be used in Tornado Warnings for both the considerable and catastrophic tags.

THIS IS A PARTICULARLY DANGEROUS SITUATION.

THIS IS A TORNADO EMERGENCY FOR LOCATIONS ALONG THE PATH OF THE TORNADO. TAKE COVER NOW. THIS IS A PARTICULARLY DANGEROUS SITUATION.

Hazard and Impact Information

Each Tornado and Severe Thunderstorm Warning will contain individual lines that clearly state hazard and impact information.

HAZARD...DAMAGING TORNADO.

SOURCE...EMERGENCY MANAGEMENT CONFIRMED TORNADO.

IMPACT...YOU ARE IN A LIFE THREATENING SITUATION. FLYING DEBRIS WILL BE DEADLY TO THOSE CAUGHT WITHOUT SHELTER. MOBILE HOMES WILL BE DESTROYED. CONSIDERABLE DAMAGE TO HOMES...BUSINESSES AND VEHICLES IS LIKELY AND COMPLETE DESTRUCTION POSSIBLE.

Tornado Tag

TORNADO...RADAR INDICATED	Evidence on radar and near storm environment is supportive, but no confirmation.
TORNADO...OBSERVED	Tornado is confirmed by spotters, law enforcement, or radar (tornado debris signature).

Tornado Damage Threat Tag

No Tag	Use most of the time, when tornado damage is possible within the warning polygon. Tornado duration generally expected to be short lived.
TORNADO DAMAGE THREAT...CONSIDERABLE	Use rarely, when there is credible evidence that a tornado, capable of producing considerable damage, is imminent or ongoing. Tornado duration generally expected to be long lived.
TORNADO DAMAGE THREAT...CATASTROPHIC	Extremely rare. A severe threat to human life and catastrophic damage from a tornado is occurring, and will only be used when reliable sources confirm a violent tornado. Tornado duration generally expected to be long lived.

Tornado Tag in Severe Thunderstorm Warnings

TORNADO...POSSIBLE	A severe thunderstorm has some potential for producing a tornado although forecaster confidence is not high enough to issue a Tornado Warning.
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Tags

Tags will appear at the bottom of Tornado and Severe Thunderstorm Warnings, and in the Severe Weather Statements that update the warnings.

In a *Severe Thunderstorm Warning*, tags will be used to define:

- hail size
- wind speed
- possible tornado (if necessary)

In a *Tornado Warning*, two types of tags can be used:

- Tornado tag (always used)
 - radar indicated
 - observed
- Damage threat tag (optional)
 - considerable damage
 - catastrophic damage

Tags will appear in NWSChat

[4:39:41 PM] nwsbot: LSX issues [Tornado Warning](#) (tornado: RADAR INDICATED, hail: <.75 IN) PRODUCING A TORNADO WAS LOCATED NEAR BROWNSTOWN...AND MOVING EAST AT 55

Routine Tornado Warning (radar indicated, no damage tag)

THE NATIONAL WEATHER SERVICE IN PEACHTREE CITY HAS ISSUED A

- * TORNADO WARNING FOR...
SOUTH CENTRAL FULTON COUNTY...
- * UNTIL 1000 AM EST
- * AT 916 AM EST...A SEVERE THUNDERSTORM CAPABLE OF PRODUCING A TORNADO WAS LOCATED NEAR UNION CITY...13 MILES SOUTHWEST OF DOUGLASVILLE...AND MOVING NORTHEAST AT 25 MPH.

HAZARD...TORNADO.

SOURCE...RADAR INDICATED ROTATION.

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...
ATLANTA...EAST POINT...UNION CITY...COLLEGE PARK...FAIRBURN...HAPEVILLE...
MIDTOWN...BANKHEAD...VIRGINIA HIGHLANDS AND LITTLE FIVE POINTS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

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.

IF YOU SEE WIND DAMAGE...HAIL OR FLOODING...WAIT UNTIL THE STORM HAS PASSED...AND THEN CALL THE NATIONAL WEATHER SERVICE TOLL FREE AT 1 8 6 6 7 6 3 4 4 6 6 OR TWEET US YOUR REPORT AT NWSATLANTA.

66

LAT...LON 3386 8436 3381 8435 3365 8435 8446
3360 8446 3355 8459 3362 8467
TIME...MOT...LOC 1416Z 232DEG 20KT 3361 8459

TORNADO...RADAR INDICATED
HAIL...<.75IN

Observed Tornado Warning (observed tornado, no damage tag)

THE NATIONAL WEATHER SERVICE IN PEACHTREE CITY HAS ISSUED A

- * TORNADO WARNING FOR...
SOUTH CENTRAL FULTON COUNTY...
- * UNTIL 1000 AM EST
- * AT 917 AM EST...A TORNADO PRODUCING STORM WAS LOCATED NEAR UNION CITY...13 MILES SOUTHWEST OF DOUGLASVILLE...AND MOVING NORTHEAST AT 25 MPH.

HAZARD...DAMAGING TORNADO.

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...
ATLANTA...EAST POINT...UNION CITY...COLLEGE PARK...FAIRBURN...HAPEVILLE...
MIDTOWN...BANKHEAD...VIRGINIA HIGHLANDS AND LITTLE FIVE POINTS.

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.

IF YOU SEE WIND DAMAGE...HAIL OR FLOODING...WAIT UNTIL THE STORM HAS PASSED...AND THEN CALL THE NATIONAL WEATHER SERVICE TOLL FREE AT 1 8 6 6 7 6 3 4 4 6 6 OR TWEET US YOUR REPORT AT NWSATLANTA.

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LAT...LON 3386 8436 3381 8435 3365 8435 8446
3360 8446 3355 8459 3362 8467
TIME...MOT...LOC 1416Z 232DEG 20KT 3361 8459

TORNADO...OBSERVED
HAIL...<.75IN

Considerable Tornado Warning (observed tornado, considerable damage tag)

THE NATIONAL WEATHER SERVICE IN PEACHTREE CITY HAS ISSUED A

- * TORNADO WARNING FOR...
SOUTH CENTRAL FULTON COUNTY...
- * UNTIL 1000 AM EST
- * AT 918 AM EST...A LARGE AND EXTREMELY DANGEROUS TORNADO WAS LOCATED NEAR UNION CITY...13 MILES SOUTHWEST OF DOUGLASVILLE...AND MOVING NORTHEAST AT 25 MPH.

THIS IS A PARTICULARLY DANGEROUS SITUATION.

HAZARD...DAMAGING TORNADO.

SOURCE...EMERGENCY MANAGEMENT CONFIRMED TORNADO.

IMPACT...YOU ARE IN A LIFE THREATENING SITUATION. MOBILE HOMES WILL BE DESTROYED. CONSIDERABLE DAMAGE TO HOMES...BUSINESSES AND VEHICLES IS LIKELY AND COMPLETE DESTRUCTION IS POSSIBLE. FLYING DEBRIS WILL BE DEADLY TO PEOPLE AND ANIMALS. EXPECT TREES TO BE UPROOTED OR SNAPPED.

* LOCATIONS IMPACTED INCLUDE...
ATLANTA...EAST POINT...UNION CITY...COLLEGE PARK...FAIRBURN...HAPEVILLE...
MIDTOWN...BANKHEAD...VIRGINIA HIGHLANDS AND LITTLE FIVE POINTS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

TO REPEAT...A LARGE...EXTREMELY DANGEROUS AND POTENTIALLY DEADLY TORNADO IS ON THE GROUND. TO PROTECT YOUR LIFE...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.

IF YOU SEE WIND DAMAGE...HAIL OR FLOODING...WAIT UNTIL THE STORM HAS PASSED...AND THEN CALL THE NATIONAL WEATHER SERVICE TOLL FREE AT 1 8 6 6 7 6 3 4 4 6 6 OR TWEET US YOUR REPORT AT NWSATLANTA.

66

LAT...LON 3386 8436 3381 8435 3365 8435 8446
3360 8446 3355 8459 3362 8467
TIME...MOT...LOC 1416Z 232DEG 20KT 3361 8459

TORNADO...OBSERVED
TORNADO DAMAGE THREAT...CONSIDERABLE
HAIL...<.75IN

Catastrophic Tornado Warning (observed tornado, catastrophic damage tag)

...TORNADO EMERGENCY FOR SOUTH CENTRAL FULTON COUNTY...

THE NATIONAL WEATHER SERVICE IN PEACHTREE CITY HAS ISSUED A

- * TORNADO WARNING FOR...
SOUTH CENTRAL FULTON COUNTY...
- * UNTIL 1000 AM EST
- * AT 919 AM EST...A CONFIRMED LARGE AND DESTRUCTIVE TORNADO WAS OBSERVED NEAR UNION CITY...13 MILES SOUTHWEST OF DOUGLASVILLE...AND MOVING NORTHEAST AT 25 MPH.

THIS IS A TORNADO EMERGENCY FOR SOUTH CENTRAL FULTON COUNTY. TAKE COVER NOW. THIS IS A PARTICULARLY DANGEROUS SITUATION.

HAZARD...DEADLY TORNADO.

SOURCE...LAW ENFORCEMENT CONFIRMED TORNADO.

IMPACT...YOU ARE IN A LIFE THREATENING SITUATION. MOBILE HOMES WILL BE DESTROYED. CONSIDERABLE DAMAGE TO HOMES...BUSINESSES AND VEHICLES IS LIKELY AND COMPLETE DESTRUCTION IS POSSIBLE. FLYING DEBRIS WILL BE DEADLY TO PEOPLE AND ANIMALS. EXPECT TREES TO BE UPROOTED OR SNAPPED.

* LOCATIONS IMPACTED INCLUDE...
ATLANTA...EAST POINT...UNION CITY...COLLEGE PARK...FAIRBURN...HAPEVILLE...
MIDTOWN...BANKHEAD...VIRGINIA HIGHLANDS AND LITTLE FIVE POINTS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

TO REPEAT...A LARGE...EXTREMELY DANGEROUS AND POTENTIALLY DEADLY TORNADO IS ON THE GROUND. TO PROTECT YOUR LIFE...TAKE COVER NOW! MOVE TO AN INTERIOR ROOM ON THE LOWEST FLOOR OF A STURDY BUILDING. AVOID WINDOWS. IF IN A MOBILE HOME...A VEHICLE OR OUTDOORS...MOVE TO THE CLOSEST SHELTER AND PROTECT YOURSELF FROM FLYING DEBRIS.

IF YOU SEE WIND DAMAGE...HAIL OR FLOODING...WAIT UNTIL THE STORM HAS PASSED...AND THEN CALL THE NATIONAL WEATHER SERVICE TOLL FREE AT 1 8 6 6 7 6 3 4 4 6 6 OR TWEET US YOUR REPORT AT NWSATLANTA.

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LAT...LON 3386 8436 3381 8435 3365 8435 8446
3360 8446 3355 8459 3362 8467
TIME...MOT...LOC 1416Z 232DEG 20KT 3361 8459

TORNADO...OBSERVED
TORNADO DAMAGE THREAT...CATASTROPHIC
HAIL...<.75IN