

***NATIONAL WEATHER SERVICE SOUTHERN REGION SUPPLEMENT 01-2012
APPLICABLE TO NWSI 10-501***

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Operations and Services

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WFO Statements, Summaries, Table Products Specification, NWSI 10-501

PUBLIC INFORMATION STATEMENTS FOR DAMAGE SURVEYS

NOTICE: This publication is available at: <http://www.nws.noaa.gov/directives/>.

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The following changes were made to this issuance:

1. Section 3.4.6 Format. Formerly optional, Decimal Degree LAT / LON begin and end points will be mandatory.

<Signed>

July 25, 2014

Steven Cooper
Acting Regional Director

Date

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1. **Purpose.** The purpose of this supplement is to provide Southern Region (SR) guidance for SR field offices issuing Public Information Statements (PNS) to document and disseminate U.S. National Weather Service (NWS) storm damage survey information on tornadic, thunderstorm wind (straight-line), or other weather related events. The PNS format in this supplement will provide data users easy to read, concise and consistent summaries of NWS storm damage survey details. Specific product examples for both tornadic, downburst, and other weather related events are shown in Appendix A.

2. **Background.** Storm damage surveys conducted by local NWS Weather Forecast Offices (WFOs) are part of Post-Storm Data Acquisition (PSDA) activities. These activities include the acquisition and assembly of highly perishable data necessary for accurate post-event analysis. It requires the rapid deployment of trained teams following the event to gather damage evidence (e.g., storm debris damage patterns) that can be used to accurately identify and describe the event. Storm damage surveys are conducted by WFOs as resources permit.

3. **Public Information Statement (product category PNS).**

3.1 **Description.** The Public Information Statement (PNS) is an event driven, alphanumeric product used to distribute information regarding weather related events, including storm damage surveys, public education, NWS service changes, limitations or interruptions, and special guidelines for interpreting NWS data. The PNS is used by a wide variety of data users such as the public, emergency managers, media, academia, and other governmental entities.

3.2 **Mission Connection.** Information gained from storm damage surveys and relayed via the PNS product enables the NWS to increase the knowledge of extreme events, determine how to better use existing equipment, improve NWS warning programs, and provide accurate storm damage information and EF-Scale ratings to a wide variety of partners and users.

Storm damage survey information, found in PNS products, often becomes the basis for entry into the official NOAA *Storm Data* publication which documents the occurrence of storms and other significant weather phenomena having sufficient intensity to cause loss of life, injuries, significant property damage, and/or disruption to commerce across the United States.

3.3 **Issuance Guidelines.**

3.3.1 **Creation Software.** WFOs should use the Graphical Forecast Editor (GFE), or other reliable software, to issue PNSs.

3.3.2 **Issuance Criteria.** A PNS for storm damage surveys should be issued whenever a NWS SR storm damage survey team confirms a tornadic, thunderstorm wind, or other event(s). WFOs will use the format in this supplement to disseminate damage survey information in PNS products. WFOs are encouraged to issue PNSs frequently as key facts are gathered to meet the time-sensitive data needs of internal and external customers and partners.

3.3.3 Issuance Time. PNSs are non-scheduled, event-driven products.

3.3.4 Valid Time. PNSs are valid from time of issuance until the expiration time.

3.3.5 Product Expiration Time. The PNS product expiration time may be up to 72 hours after the time of issuance.

3.4 Technical Description.

3.4.1 UGC Type. PNSs will use the Zone (Z) code of the UGC.

3.4.2 Mass News Disseminator (MND) Broadcast Line. None required.

3.4.3 Mass News Disseminator (MND) Header. WFOs will use “**PUBLIC INFORMATION STATEMENT**” in the MND Dissemination Header.

3.4.4 Headline. WFOs will highlight the PNS for storm damage surveys with one or more headline(s). The headline will begin and end with three periods “. . .” The headline should include NWS damage survey, event date, event type, and update number.

a. Examples:

(1) Tornadoes

. . . NWS DAMAGE SURVEY FOR 04/01/12 TORNADO EVENT – UPDATE 1 . . .

. . . NWS DAMAGE SURVEY FOR 04/03/12 TORNADO EVENT – UPDATE 1 . . .

. . . NWS DAMAGE SURVEY FOR 04/01/12 TORNADO EVENT – UPDATE 4 . . .

(2) Thunderstorm Wind

. . . NWS DAMAGE SURVEY FOR 04/01/12 THUNDERSTORM WIND EVENT – UPDATE
1 . . .

. . . NWS DAMAGE SURVEY FOR 04/03/12 THUNDERSTORM WIND EVENT – UPDATE
1 . . .

. . . NWS DAMAGE SURVEY FOR 04/01/12 THUNDERSTORM WIND EVENT – UPDATE
3 . . .

3.4.5 Content. Storm damage survey results will be described in PNS products using tabular data and free form text paragraphs in non-technical terms.

3.4.6 Format. Following the Headline(s), the PNS for storm damage surveys may contain up to six parts within the product body in the following order.

.UPDATE...

The Update section is optional and should briefly describe the events that are being updated.

.OVERVIEW...

The Overview section is optional and should briefly describe the event causative factor, general geographic location, event date(s) of the tornado, thunderstorm wind or other events, and general findings. Information pertaining to storm survey scheduling may be included in the Overview.

.TORNADO #... or .THUNDERSTORM WIND #... or .OTHER EVENT #

For product consistency, all entries in the “Tornado”, “Thunderstorm Wind” (e.g., derecho, downburst, macroburst, microburst, heatburst, etc.), or “Other Event” (e.g., gradient wind) tabular sections are mandatory and provide specific information regarding event ratings, fatalities / injuries (if known and confirmed), the begin/end times and dates of the event in local time, and the begin/end points of the event related to geographic locations (AZRAN to city/town using 16 point compass/statute miles).

To enhance event location accuracy, WFOs will include the Decimal Degree LAT / LON begin/end points of the event (up to the fourth decimal point).

For product consistency, do not delete or modify components within Tornado, Thunderstorm Wind, or Other Event tabular sections of the PNS product. Order of events is at local discretion. Tabular data that is unavailable will be noted as “PENDING”. Mandatory tabular data entries will follow established reporting protocols found in NWSI 10-1605 (Storm Data Preparation).

SURVEY SUMMARY:

The Survey Summary section is optional and allows WFOs to add specific and detailed information about tornadic (rotational wind) or thunderstorm wind (straight-line) events (e.g., derechos, downbursts, macrobursts, microbursts, heatbursts) and other non-thunderstorm wind events (e.g., gradient) that have been observed in storm damage surveys. Specific details on event locations, border crossers (events that cross regional, state, county, or CWA borders), damages, fatalities/injuries, storm track shifts, ratings, or other pertinent details regarding the event may be described. Inclusion of fatality causative factors (mobile home, vehicle) is encouraged if known.

EF SCALE:

Inclusion of the EF-Scale section is optional. The EF-Scale number, corresponding tornado class (weak, strong, violent) and wind speed ranges may be provided.

NOTE:

A sentence denoting the preliminary nature of the damage survey PNS will be included.

3.4.6.1 PNS Format – Tornado Damage Survey

NOUS4X_cccc_ddhhmm		
PNSccc		
STZ001-002-003-ddhhmm-		
PUBLIC_INFORMATION_STATEMENT		
NATIONAL_WEATHER_SERVICE_CITY_STATE		
time_ am/pm_time zone_day_mon_dd_yyyy		
... HEADLINE ...		(MANDATORY)
... 2 ND HEADLINE ...		(OPTIONAL)
.UPDATE...		(OPTIONAL)
.OVERVIEW...		(OPTIONAL)
.TORNADO_(#) ... or .(reference)_TORNADO...		(MANDATORY)
RATING:	(EF-x where x = 0-5)	(MANDATORY)
ESTIMATED_PEAK_WIND:	(xx-xxx MPH)	(MANDATORY)
PATH_LENGTH_/STATUTE/:	(xx.x MILES)	(MANDATORY)
PATH_WIDTH_/MAXIMUM/:	(xxx YARDS)	(MANDATORY)
FATALITIES:	(x)	(MANDATORY)
INJURIES:	(x)	(MANDATORY)
START_DATE:	(mon_dd_yyyy)	(MANDATORY)
START_TIME:	(time_ am/pm_ time zone)	(MANDATORY)
START_LOCATION:	(azran to city/town_/_ county/parish_/_st)	(MANDATORY)
START_LAT/LON:	(xx.xxxx_/_-xx.xxxx)	(MANDATORY)
END_DATE:	(mon_dd_yyyy)	(MANDATORY)
END_TIME:	(time_ am/pm_ time zone)	(MANDATORY)
END_LOCATION:	(azran to city/town_/_ county/parish_/_st)	(MANDATORY)
END_LAT/LON:	(xx.xxxx_/_-xx.xxxx)	(MANDATORY)
SURVEY_SUMMARY:		(OPTIONAL)
EF_SCALE:		(OPTIONAL)
NOTE:		(MANDATORY)
INFORMATION IN THIS STATEMENT IS PRELIMINARY AND SUBJECT TO CHANGE PENDING FINAL REVIEW OF THE EVENT/S/ AND PUBLICATION IN NWS STORM DATA.		
\$\$		
FORECASTER_NAME/NUMBER		(OPTIONAL)

Figure 1. Public Information Statement – Tornado Damage Survey Format

3.4.6.2 PNS Format – Thunderstorm Wind Damage Survey

NOUS4X cccc ddhhmm		
PNSccc		
STZ001-002-003-ddhhmm-		
PUBLIC INFORMATION STATEMENT		
NATIONAL WEATHER SERVICE CITY STATE		
time am/pm time_zone day mon dd yyyy		
...	HEADLINE ...	(MANDATORY)
...	2 ND HEADLINE ...	(OPTIONAL)
.	UPDATE ...	(OPTIONAL)
.	OVERVIEW ...	(OPTIONAL)
.	THUNDERSTORM WIND _(#) ... or .(reference)_ THUNDERSTORM WIND ...	(MANDATORY)
PEAK_WIND	/E/ or /M/:	(xx-xxx MPH) (MANDATORY)
PATH_LENGTH	/STATUTE/:	(xx.x MILES) (MANDATORY)
PATH_WIDTH	/MAXIMUM/:	(xxx YARDS) (MANDATORY)
FATALITIES:		(x) (MANDATORY)
INJURIES:		(x) (MANDATORY)
START_DATE:		(mon_dd_ yyyy) (MANDATORY)
START_TIME:		(time_ am/pm_ time zone) (MANDATORY)
START_LOCATION:		(azran to city/town_/_ county/parish_ /_st) (MANDATORY)
START_LAT/LON:		(xx.xxxx _/_-xx.xxxx) (MANDATORY)
END_DATE:		(mon_dd_ yyyy) (MANDATORY)
END_TIME:		(time_ am/pm_ time zone) (MANDATORY)
END_LOCATION:		(azran to city/town_/_ county/parish_ /_st) (MANDATORY)
END_LAT/LON:		(xx.xxxx _/_-xx.xxxx) (MANDATORY)
SURVEY SUMMARY:		(OPTIONAL)
NOTE:		(MANDATORY)
INFORMATION IN THIS STATEMENT IS PRELIMINARY AND SUBJECT TO CHANGE PENDING FINAL REVIEW OF THE EVENT/S/ AND PUBLICATION IN NWS STORM DATA.		
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FORECASTER NAME/NUMBER		(OPTIONAL)

Figure 2. Public Information Statement – Thunderstorm Wind Damage Survey Format

3.5 Updates, Amendments, and Corrections. PNSs should be updated as needed. WFOs will correct PNS products for format and grammatical errors.

APPENDIX A – Product Examples

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1. Introduction. This appendix provides examples of utilizing the PNS product to document information derived from U.S. National Weather Service Damage Surveys.

2. Tornado Damage Survey (Single)

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE SHREVEPORT LA
445 PM CDT MON APR 2 2012

...NWS DAMAGE SURVEY FOR 04/01/12 TORNADO EVENT - UPDATE 1...

.OVERVIEW...

MULTIPLE TORNADOES WERE SPAWNED BY A FAST MOVING COLD FRONT ACROSS NORTHEAST TEXAS AND NORTHWEST LOUISIANA SUNDAY AFTERNOON /04/01/12/. NWS SURVEY TEAMS CONFIRMED FIVE SEPARATE TORNADOES ACROSS NE TEXAS AND NW LOUISIANA LATE THIS AFTERNOON. THE TORNADO SUMMARIES NOTED BELOW ARE RANKED HIGHEST TO LOWEST BY EF-RATING. ADDITIONAL UPDATES FOR THIS EVENT ARE LIKELY AS ONGOING TORNADO DAMAGE SURVEYS ARE PROJECTED TO BE COMPLETED ON TUESDAY.

.TYLER TORNADO...

RATING:	EF-3
ESTIMATED PEAK WIND:	150–160 MPH
PATH LENGTH /STATUTE/:	90.0 MILES
PATH WIDTH /MAXIMUM/:	880 YARDS
FATALITIES:	2
INJURIES:	15
START DATE:	APRIL 01 2012
START TIME:	3:35 PM CDT
START LOCATION:	3 WNW TYLER / SMITH COUNTY / TX
START LAT/LON:	32.38 / -95.32
END DATE:	APRIL 01 2012
END TIME:	5:29 PM CDT
END LOCATION:	2 N RODESSA / CADDO PARISH / LA
END LAT/LON:	33.46 / -94.00

SURVEY SUMMARY: U.S. NATIONAL WEATHER SERVICE METEOROLOGISTS SURVEYED LONG TRACK TORNADO DAMAGE THAT ORIGINATED NEAR TYLER TEXAS AND ENDED OVER EXTREME NORTHWEST LOUISIANA AND FOUND IT CONSISTENT WITH EF-3 TORNADO DAMAGE WITH ESTIMATED WINDS BETWEEN 150 AND 160 MPH.

INITIAL EF-0 DAMAGE...MAINLY TO MOBILE HOMES AND TREES...OCCURRED ALONG TEXAS STATE ROAD 64 WEST OF TYLER. AS THE STORM MOVED NORTHEAST ACROSS INTERSTATE 20 NEAR WINONA TEXAS...THE TORNADO WIDENED TO 400 YARDS AND CAUSED EF-1 DAMAGE TO SEVERAL MOBILE HOMES...GARAGES AND SHEDS NEAR WINONA.

THE TORNADO REACHED ITS MAXIMUM INTENSITY OF EF-3 WITH A MAXIMUM PATH WIDTH OF ONE HALF MILE AS IT CROSSED OVER US HIGHWAY 259 NORTH OF LONGVIEW TEXAS. AT LEAST TEN WELL CONSTRUCTED SINGLE FAMILY HOMES HAD MOST OF THEIR EXTERIOR WALLS COLLAPSE WHILE AT LEAST FIVE MOBILE HOMES WERE COMPLETELY DESTROYED TO THE FRAME RAILS. TWO FATALTIES OCCURRED AT THIS LOCATION...A 69 YEAR OLD MALE AND A 64 YEAR OLD FEMALE...WHEN THE TORNADO ROLLED AND COMPLETELY DESTROYED THEIR MOBILE HOME. ALSO...15 INJURIES OCCURRED WHEN THE TORNADO STRUCK AND BLEW OUT THE WINDOWS OF A CHURCH DURING AFTERNOON SERVICE ALONG HIGHWAY 259 NORTH OF LONGVIEW. THE TORNADO CONTINUED NORTHEAST ACROSS RURAL COUNTRYSIDE WHERE IT GRADUAL WEAKENED AND LIFTED NORTH OF RODESSA ALONG LOUISIANA STATE HIGHWAY 1.

NOTE: INFORMATION IN THIS STATEMENT IS PRELIMINARY AND SUBJECT TO CHANGE PENDING FINAL REVIEW OF THE EVENT AND PUBLICATION IN NWS STORM DATA.

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3. Tornado Damage Survey (Multiple)

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE LITTLE ROCK AR
515 PM CDT THU APR 12 2012

...NWS DAMAGE SURVEY FOR 04/11/12 TORNADO EVENT - UPDATE 2...

.UPDATE...

THE EF RATING FOR TORNADO 1 UPGRADED. PATH WIDTH FOR TORNADO 2 MODIFIED.

.OVERVIEW...

A STRONG UPPER LEVEL LOW PRESSURE SYSTEM TRIGGERED TORNADO TOUCHDOWNS ACROSS PORTIONS OF SOUTHEAST ARKANSAS LATE WEDNESDAY AFTERNOON. NWS SURVEY TEAMS CONFIRMED THREE SEPARATE TORNADOES ACROSS SE ARKANSAS BY LATE THIS AFTERNOON. TORNADO SUMMARIES NOTED BELOW ARE RANKED HIGHEST TO LOWEST BY EF-RATING. A FINAL UPDATE WITH DETAILED TORNADO SUMMARY INFORMATION WILL BE PROVIDED FRIDAY AFTERNOON.

.TORNADO 1...

RATING:	EF-2
ESTIMATED PEAK WIND:	120-130 MPH
PATH LENGTH /STATUTE/:	44.2 MILES
PATH WIDTH /MAXIMUM/:	440 YARDS
FATALITIES:	4
INJURIES:	11

START DATE:	APRIL 11 2012
START TIME:	5:03 PM CDT
START LOCATION:	3 N CAMDEN / OUACHITA COUNTY / AR
START LAT/LON:	33.6145 / -92.8638

END DATE:	APRIL 11 2012
END TIME:	6:02 PM CDT
END LOCATION:	3 NE RISON / CLEVELAND COUNTY / AR
END LAT/LON:	33.9872 / -92.1418

.TORNADO 2...

RATING:	EF-1
ESTIMATED PEAK WIND:	90-100 MPH
PATH LENGTH /STATUTE/:	19.0 MILES
PATH WIDTH /MAXIMUM/:	220 YARDS
FATALITIES:	0
INJURIES:	4
START DATE:	APRIL 11 2012
START TIME:	5:18 PM CDT
START LOCATION:	4 SSE ARKADELPHIA / CLARK COUNTY / AR
START LAT/LON:	34.1008 / -93.0715
END DATE:	APRIL 11 2012
END TIME:	5:43 PM CDT
END LOCATION:	ROLLA / HOT SPRING COUNTY / AR
END LAT/LON:	34.2082 / -92.7307

.TORNADO 3...

RATING:	EF-0
ESTIMATED PEAK WIND:	70-80 MPH
PATH LENGTH /STATUTE/:	2.7 MILES
PATH WIDTH /MAXIMUM/:	55 YARDS
FATALITIES:	0
INJURIES:	1
START DATE:	APRIL 11 2012
START TIME:	5:03 PM CDT
START LOCATION:	MONTICELLO / DREW COUNTY / AR
START LAT/LON:	33.6248 / -91.7938
END DATE:	APRIL 11 2012
END TIME:	5:29 PM CDT
END LOCATION:	2.7 NE MONTICELLO / DREW COUNTY / AR
END LAT/LON:	33.6572 / -91.7205

EF SCALE: THE ENHANCED FUJITA SCALE CLASSIFIES TORNADOES INTO THE FOLLOWING CATEGORIES.

EF0 ... WEAK 65 TO 85 MPH
EF1 ... WEAK 86 TO 110 MPH
EF2 ... STRONG 111 TO 135 MPH
EF3 ... STRONG 136 TO 165 MPH
EF4 ... VIOLENT ... 166 TO 200 MPH
EF5 ... VIOLENT ... > 200 MPH

NOTE: INFORMATION IN THIS STATEMENT IS PRELIMINARY AND SUBJECT TO CHANGE PENDING FINAL REVIEW OF THE EVENT/S/ AND PUBLICATION IN NWS STORM DATA.

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4. Downburst Damage Survey

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE MEMPHIS TN
355 PM CDT TUE APR 17 2012

...NWS DAMAGE SURVEY FOR 04/16/12 THUNDERSTORM WIND EVENT – UPDATE
1...

.OVERVIEW...

A SEVERE THUNDERSTORM CAUSED A LONG TRACK DOWNBURST ACROSS RURAL PORTIONS OF WESTERN TENNESSEE BETWEEN JACKSON AND LEXINGTON EARLY MONDAY AFTERNOON. NWS SURVEY TEAMS CONFIRMED SIGNIFICANT STRAIGHT LINE WIND DAMAGE FROM THE DOWNBURST OVER MULTIPLE LOCATIONS ALONG ITS TRACK. ADDITIONAL UPDATES FOR THIS EVENT ARE LIKELY AS ONGOING DOWNBURST DAMAGE SURVEYS ARE PROJECTED TO BE COMPLETED ON WEDNESDAY.

.THUNDERSTORM WIND 1...

PEAK WIND /ESTIMATED/:	80–100 MPH
PATH LENGTH /STATUTE/:	21.5 MILES
PATH WIDTH /MAXIMUM/:	1760 YARDS
FATALITIES:	0
INJURIES:	8

START DATE:	APRIL 16 2012
START TIME:	2:08 PM CDT
START LOCATION:	4 SE JACKSON / MADISON COUNTY / TN
START LAT/LON:	35.6003 / -88.7914

END DATE:	APRIL 16 2012
END TIME:	5:29 PM CDT
END LOCATION:	LEXINGTON / HENDERSON COUNTY / TN
END LAT/LON:	35.6624 / -88.4002

SURVEY SUMMARY: U.S. NATIONAL WEATHER SERVICE METEOROLOGISTS SURVEYED LONG TRACK THUNDERSTORM WIND DAMAGE...OTHERWISE KNOWN AS A DOWNBURST...THAT ORIGINATED SOUTHEAST OF JACKSON TENNESSEE AND ENDED IN LEXINGTON TENNESSEE. THE DAMAGE PATH WAS UP TO ONE MILE WIDE AT TIMES BUT GENERALLY AVERAGED LESS THAN ONE HALF MILE IN WIDTH. MAXIMUM DOWNBURST WINDS...BASED ON HOME. . .BARN AND TREE

DAMAGE... WAS ESTIMATED BETWEEN 80 AND 100 MPH. MOST OF THE DOWNBURST DAMAGE OCCURRED ALONG STATE ROAD 198 SOUTHEAST OF JACKSON. A DOZEN MOBILE HOMES. . . NUMEROUS SHEDS AND A FEW BARN INCURRED MAJOR STRUCTURAL DAMAGE. EIGHT INJURIES OCCURRED IN FOUR SEPARATE MOBILE HOMES ALONG STATE ROAD 198 DUE TO WIND BLOWN DEBRIS. FOUR OF THE EIGHT INJURIES OCCURRED WHEN TWO MOBILE HOMES ALONG STATE ROAD 198 WERE ROLLED OVER 100 FEET FROM THEIR ORIGINAL LOCATION. DAMAGE FROM THE DOWNBURST BECAME SPORADIC AND NOMINAL AS IT DISSIPATED NEAR HENDERSON... TENNESSEE.

NOTE: INFORMATION IN THIS STATEMENT IS PRELIMINARY AND SUBJECT TO CHANGE PENDING FINAL REVIEW OF THE EVENT AND PUBLICATION IN NWS STORM DATA.

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5. Other (Gradient Winds) Damage Survey

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE NASHVILLE TN
415 PM CDT TUE APR 17 2012

...NWS DAMAGE SURVEY FOR 04/16/12 GRADIENT WIND EVENT - UPDATE 1...

.OVERVIEW...

NON-THUNDERSTORM...GRADIENT STRAIGHT LINE WINDS...OCCURRED FOLLOWING THE PASSAGE OF A LINE OF SEVERE THUNDERSTORMS ACROSS MIDDLE TENNESSEE...BETWEEN NASHVILLE AND COOKEVILLE...LATE MONDAY AFTERNOON. NWS SURVEY TEAMS CONFIRMED MINOR DAMAGE FROM THE GRADIENT WIND EVENT MAINLY ALONG THE INTERSTATE 40 CORRIDOR.

.MIDDLE TENNESSEE GRADIENT WINDS...

PEAK WIND /ESTIMATED/: 40-50 MPH
PATH LENGTH /STATUTE/: 75.0 MILES
PATH WIDTH /MAXIMUM/: PENDING
FATALITIES: 0
INJURIES: 0

START DATE: APRIL 16 2012
START TIME: 4:15 PM CDT
START LOCATION: NASHVILLE / DAVIDSON COUNTY / TN
START LAT/LON: 36.12 / -86.68

END DATE: APRIL 16 2012
END TIME: 8:15 PM CDT
END LOCATION: COOKVILLE / PUTNAM COUNTY / TN
END LAT/LON: 35.96 / -85.08

SURVEY SUMMARY: U.S. NATIONAL WEATHER SERVICE METEOROLOGISTS SURVEYED NON-THUNDERSTORM...STRAIGHT LINE WIND DAMAGE...REFERRED TO AS GRADIENT WIND...WHICH FOLLOWED THE PASSAGE OF A LINE OF SEVERE THUNDERSTORMS ACROSS MIDDLE TENNESSEE DURING THE LATE AFTERNOON HOURS OF 04/16/12. THE GRADIENT WIND DAMAGE OCCURRED MAINLY ALONG THE INTERSTATE 40 CORRIDOR FROM NASHVILLE...EAST TO COOKEVILLE...TENNESSEE. GRADIENT WINDS OF 40 TO 50 MPH PERSISTED FOR UP TO FOUR HOURS ALONG THE INTERSTATE 40 CORRIDOR OVER MIDDLE TENNESSEE.

DAMAGE FROM THE GRADIENT WIND EVENT WAS MINOR AND CONFINED TO MAINLY MOBILE HOMES...SHEDS...HIGHWAY BILLBOARDS AND VARIOUS SIZED DOWNED TREE BRANCHES.

NOTE: INFORMATION IN THIS STATEMENT IS PRELIMINARY AND SUBJECT TO CHANGE PENDING FINAL REVIEW OF THE EVENT AND PUBLICATION IN NWS STORM DATA.

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