

POST TROPICAL CYCLONE REPORT...TROPICAL STORM ANDREA...UPDATED
 NATIONAL WEATHER SERVICE CHARLESTON SC
 1009 AM EDT FRI JUN 14 2013

NOTE: THE DATA SHOWN HERE ARE PRELIMINARY...AND SUBJECT TO UPDATES
 AND CORRECTIONS AS APPROPRIATE.

THIS REPORT INCLUDES EVENTS OCCURRING WHEN WATCHES AND/OR WARNINGS
 WERE IN EFFECT...OR WHEN SIGNIFICANT FLOODING ASSOCIATED WITH ANDREA
 OR ITS REMNANTS WAS AFFECTING THE AREA.

COUNTIES INCLUDED...CHARLESTON...BERKELEY...COLLETON...BEAUFORT...
 BRYAN...LIBERTY...MCINTOSH...JASPER

JUN 14...UPDATED FOR...STORM SURGE/TIDE AND INLAND FLOODING.

A. LOWEST SEA LEVEL PRESSURE/MAXIMUM SUSTAINED WINDS AND PEAK GUSTS

 METAR OBSERVATIONS...

NOTE: ANEMOMETER HEIGHT IS 10 METERS AND WIND AVERAGING IS 2 MINUTES

LOCATION	ID	MIN	DATE/	MAX	DATE/	PEAK	DATE/
LAT	LON	PRES	TIME	SUST	TIME	GUST	TIME
DEG	DECIMAL	(MB)	(UTC)	(KT)	(UTC)	(KT)	(UTC)

 KCHS-CHARLESTON INTL AIRPORT SC
 32.91 -80.03 999.4 07/0956 180/024 07/0956 180/034 07/0943

KSAV-SAVANNAH INTL AIRPORT GA
 32.12 -80.20 997.7 07/0753 270/016 07/1346 270/024 07/1346

KNBC-BEAUFORT MARINE CORPS AIR STATION SC
 32.48 -80.72 997.2 07/0856 250/016 07/1137 290/025 07/1608

KSVN-HUNTER ARMY AIR FIELD GA
 32.03 -81.15 997.2 07/0658 270/017 07/1458 270/023 07/1423

KLHW-FORT STEWART GA
 31.88 -81.57 998.9 07/0658 270/016 07/1224 270/021 07/1358

KHXD-HILTON HEAD AIRPORT SC
 32.22 -80.70 I 190/015 07/0855 190/027 07/0835

KLRO-MOUNT PLEASANT SC
 32.90 -79.78 I 170/021 07/0935 170/033 07/1015

KJZI-JOHNS ISLAND SC
 32.70 -80.01 I 170/026 07/0953 170/038 07/0958

REMARKS:

NON-METAR OBSERVATIONS...

NOTE: ANEMOMETER HEIGHT IN METERS AND WIND AVERAGING PERIOD IN MINUTES INDICATED UNDER MAXIMUM SUSTAINED WIND IF KNOWN

LOCATION	ID	MIN	DATE/	MAX	DATE/	PEAK	DATE/
LAT	LON	PRES	TIME	SUST	TIME	GUST	TIME
DEG	DECIMAL	(MB)	(UTC)	(KT)	(UTC)	(KT)	(UTC)

KCHL-CHARLESTON DOWNTOWN							
32.78	-79.93			I 180/033	07/0958	180/033	07/0958
				MM/10			

XXXX-ISLE OF PALMS SC							
32.79	-79.80	998.0	07/1000	150/035	07/0943	150/040	07/0950
				10/MM			

FJXS1-FORT JOHNSON NERRS SC-DNR							
32.75	-79.90	1001.4	07/1000	290/019	07/1740	170/030	07/0930
				M/M			

REMARKS:

B. MARINE OBSERVATIONS...

NOTE: ANEMOMETER HEIGHT IN METERS AND WIND AVERAGING PERIOD IN MINUTES INDICATED UNDER MAXIMUM SUSTAINED WIND IF KNOWN

LOCATION	ID	MIN	DATE/	MAX	DATE/	PEAK	DATE/
LAT	LON	PRES	TIME	SUST	TIME	GUST	TIME
DEG	DECIMAL	(MB)	(UTC)	(KT)	(UTC)	(KT)	(UTC)

FBIS1-FOLLY BEACH C-MAN							
32.68	-79.89	1000.6	07/1000	180/033	07/0940	180/041	07/0936
				9.8/M			

41004-NDBC EDISTO BUOY							
32.50	-79.10	1002.1	07/1000	220/032	07/1350	220/041	07/1200
				5/M			

41008-NDBC GRAYS REEF BUOY							
31.40	-80.87	998.3	07/0550	170/035	07/0543	170/047	07/0543
				5/M			

41029-CARO COOPS CAPERS NEARSHORE BUOY							
32.81	-79.63	1001.5	07/1000	XXX/XXX	XXX/XXX	I 210/036	07/1300
				M/M			

FPKG1-FORT PULASKI NOAA/NOS SENSOR							
32.03	-80.90			I XXX/XXX	XXX/XXX	I 090/034	07/0012
				M/M			

CHTS1-CHARLESTON TIDE NOAA/NOS							
32.78	-79.93	999.3	07/0924	180/030	07/0940	180/038	07/0923

M/M

REMARKS:

C. STORM TOTAL RAINFALL FROM 1200 UTC JUN 05 UNTIL 1200 UTC JUN 07

CITY/TOWN LAT LON DEG DECIMAL	COUNTY	ID	RAINFALL (IN)
2 W MEGGETT 32.71 -80.27	CHARLESTON		7.04
1 SW HAMPTON 32.86 -81.14	HAMPTON		6.34
8 NE YEMASSEE 32.77 -80.75	INLAND COLLETON		6.32
3 NNW WALTERBORO 32.90 -80.67	COLLETON		5.79
4 ENE ESTILL 32.77 -81.18	HAMPTON		5.40
3 NE RICHMOND HILL 31.93 -81.30	BRYAN		5.34
2 SSW BRUNSON 32.89 -81.20	HAMPTON		5.33
7 SW VARNVILLE 32.77 -81.16	HAMPTON		5.31
1 SSE SUMMERVILLE 33.00 -80.17	DORCHESTER		5.00
4 N CHARLESTON 32.84 -79.94	CHARLESTON		4.85
1 ESE METTER 32.39 -82.05	CANDLER		4.84
6 NNE MOUNT PLEASANT 32.87 -79.82	CHARLESTON		4.82
3 WNW WALTHOURVILLE 31.78 -81.68	LONG		4.64
1 NNE POOLER 32.12 -81.24	INLAND CHATHAM		4.61
MCINTOSH	LIBERTY		4.51

31.82 -81.52			
BURTONS FERRY LANDING 32.43 -80.72	ALLENDALE		4.49
3 SW LODGE 33.03 -80.99	INLAND COLLETON		4.49
HILLTONIA 32.88 -81.66	SCREVEN		4.33
1 W SYLVANIA 32.74 -81.65	SCREVEN		4.05
1 S ALLENDALE 32.99 -81.31	ALLENDALE		4.01
2 WSW RIDGELAND 32.46 -81.01	INLAND JASPER		4.00
ALLENDALE 33.00 -81.31	ALLENDALE		3.72
HINESVILLE 31.84 -81.60	LIBERTY		3.69
10 SSE GUYTON 32.20 -81.33	EFFINGHAM		3.66
3 NNE HUGER 33.13 -79.78	BERKELEY		3.63
5 SW ADAMS RUN 32.66 -80.41	CHARLESTON		3.63
3 WNW NORTH CHARLESTON 32.87 -80.02	DORCHESTER		3.54
3 ENE JAMES ISLAND 32.74 -79.88	CHARLESTON		3.50
1 SSE NEWINGTON 32.57 -81.50	SCREVEN		3.50
CHARLESTON AIRPORT 32.89 -80.04	CHARLESTON	CHS	3.49
SAVANNAH AIRPORT 32.08 -81.10	CHATHAM	SAV	3.38
BROOKLET 32.37 -81.66	TATTNALL		3.32
3 NE DARIEN	COASTAL MCINTOSH		3.29

31.39 -81.40

9 SE JOHNS ISLAND CHARLESTON 3.19
32.63 -79.97

7 SE ELLABELL INLAND BRYAN 3.12
32.05 -81.40

BLUFFTON BEAUFORT 3.11
32.23 -80.86

1 NNE GARDEN CITY INLAND CHATHAM 3.11
32.11 -81.17

SPRINGFIELD EFFINGHAM 3.07
32.37 -81.38

MIDWAY LIBERTY 3.02
31.80 -81.43

HARDEEVILLE JASPER 3.00
32.28 -81.08

REMARKS:

D. INLAND FLOODING...

CHATHAM...GENERAL MCINTOSH BOULEVARD WAS CLOSED SEVERAL HOURS LATE AFTERNOON AND OVERNIGHT DUE TO FLOODING.

E. MAXIMUM STORM SURGE AND STORM TIDE...
OFFICIAL TIDE GAUGES NOTED WITH LEADING G

COUNTY	CITY/TOWN OR LOCATION	SURGE (FT)	TIDE (FT)	DATE/TIME	BEACH EROSION
CHARLESTON	G CHARLESTON	1.23	6.39	07/0606	UNKNOWN
CHATHAM	G FORT PULASKI	1.55	8.52	07/0742	UNKNOWN

REMARKS: TIDE LEVELS IN MEAN LOWER LOW WATER /MLLW/. THE DATE/TIME LISTED FOR EACH STATION IS THE TIME OF THE HIGHEST SURGE...WHICH OCCURRED AT A DIFFERENT TIME THAN THE HIGHEST STORM TIDE.

F. TORNADOES...

(DIST) CITY/TOWN	COUNTY	DATE/ TIME (UTC)	EF SCALE (IF KNOWN)
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G. STORM IMPACTS BY COUNTY...

COUNTY DESCRIPTION	DEATHS	INJURIES	EVACUATIONS
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CHATHAM	0	0	0
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GENERAL MCINTOSH BOULEVARD WAS CLOSED SEVERAL HOURS LATE AFTERNOON AND OVERNIGHT DUE TO FLOODING.

MCINTOSH	0	0	0
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ONE POWER LINE WAS REPORTED DOWN NEAR THE INTERSECTION OF FOIR HOPE ROAD AND PINE HARBOR ROAD.

MCINTOSH	0	0	0
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A TREE WAS REPORTED DOWN NEAR THE INTERSECTION OF HIGHWAY 17 AND HARRIS NECK ROAD.

BRYAN	0	0	0
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TREE DOWN ON A POWER POLE ALONG FORD AVENUE. TIME ESTIMATED FROM RADAR.

CHATHAM	0	0	0
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TREE DOWN IN THE OGEECHEE FARMS SUBDIVISION. TIME ESTIMATED FROM RADAR.

JASPER	0	0	0
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TREE DOWN ALONG INTERSTATE 95 NEAR MILE MARKER 10.

BEAUFORT	0	0	0
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TREE DOWN ALONG NORTH STREET. TIME ESTIMATED FROM RADAR.

JASPER	0	0	0
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TREE DOWN ON JOHN SMITH ROAD.

CHATHAM	0	0	0
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THE FORT PULASKI NATIONAL OCEAN SERVICE STATION REPORTED SUSTAINED WINDS OF 32 MPH WITH GUSTS TO 40 MPH.

BEAUFORT 0 0 0

A TREE WAS REPORTED DOWN ON OLD SHELDON CHURCH ROAD.

CHATHAM 0 0 0

TREE DOWN ON HARDEEVILLE ROAD.

COLLETON 0 0 0

ONE TREE WAS REPORTED DOWN NEAR THE INTERSECTION OF INTERSTATE 95 AND COMBAHEE ROAD.

COLLETON 0 0 0

TREE IN ROADWAY. COMBAHEE ROAD AT INTERSTATE 95.

JASPER 0 0 0

TREE IN ROADWAY. HIGHWAY 17 BETWEEN HARDEEVILLE AND RIDGELAND.

CHATHAM 0 0 0

LARGE OAK TREE FELL AND HIT THE CORNER OF A HOUSE AT THE 70 BLOCK OF NELSON AVENUE. NO INJURIES.

BERKELEY 0 0 0

TREE IN THE ROAD AT I-26 AND CYPRESS CAMPGROUND ROAD.

EFFINGHAM 0 0 0

TREE BLOCKING THE ROADWAY ON GEORGIA HW-17 AT OLD MARLOW ROAD.

BERKELEY 0 0 0

TREE DOWN ON BERESFORD RUN OFF CLEMENTS FERRY ROAD. ONE LANE BLOCKED BUT THE ROAD IS STILL PASSABLE.

AMZ354 0 0 0

BUOY 41008 AT GRAYS REEF REPORTED A SUSTAINED WIND SPEED OF 35 KNOTS...OR 40 MPH...AND A WIND GUST OF 47 KNOTS...OR 54 MPH...ASSOCIATED WITH TROPICAL STORM ANDREA.

MCINTOSH 0 0 0

SAPELO ISLAND NERRS WEATHER STATION RECORDED A 36 KNOT...OR 41 MPH...WIND GUST ASSOCIATED WITH TROPICAL STORM ANDREA.

BEAUFORT 0 0 0

A WEATHER UNDERGROUND SENSOR REPORTED A 36 KNOT...OR 41 MPH...WIND GUST ASSOCIATED WITH TROPICAL STORM ANDREA.

CHATHAM 0 0 0

THE NORTH TYBEE ISLAND WEATHERFLOW SENSOR REPORTED A 35 KNOT...OR 40 MPH... WIND GUST ASSOCIATED WITH TROPICAL STORM ANDREA.

AMZ330 0 0 0

THE FORT SUMTER WEATHERFLOW SENSOR REPORTED A 40 KNOT...OR 46 MPH...WIND GUST ASSOCIATED WITH TROPICAL STORM ANDREA.

CHARLESTON 0 0 0

REPORTED A WIND GUST OF 36 KNOTS...OR 41 MPH...ASSOCIATED WITH TROPICAL STORM ANDREA.

CHATHAM 0 0 0

THE SOUTH TYBEE ISLAND WEATHERFLOW SENSOR REPORTED A 35 KNOT...OR 40 MPH...WIND GUST ASSOCIATED WITH TROPICAL STORM ANDREA.

CHARLESTON 0 0 0

TREE DOWN REPORTED AT THE 2000 BLOCK OF FERRIS AND CYRUS ROAD.

CHARLESTON 0 0 0

THE SULLIVANS ISLAND WEATHERFLOW SENSOR REPORTED A 42 KNOT...OR 48 MPH...WIND GUST ASSOCIATED WITH TROPICAL STORM ANDREA.

CHARLESTON 0 0 0

ONE TREE WAS REPORTED DOWN ON SC 162 NEAR ST PAULS FIRE DEPARTMENT.

CHARLESTON 0 0 0

THE FOLLY BEACH PIER WEATHERFLOW SENSOR REPORTED A 38 KNOT...OR 44 MPH...WIND GUST ASSOCIATED WITH TROPICAL STORM ANDREA.

CHARLESTON 0 0 0

A WEATHER UNDERGROUND SENSOR REPORTED A 39 KNOT...OR 45 MPH...WIND GUST ASSOCIATED WITH TROPICAL STORM ANDREA.

CHARLESTON 0 0 0

THE BATTERY POINT WEATHERFLOW SENSOR REPORTED A 36 KNOT...OR 41 MPH...WIND GUST ASSOCIATED WITH TROPICAL STORM ANDREA.

COLLETON 0 0 0

ONE TREE WAS REPORTED DOWN NEAR THE INTERSECTION OF WHITE HALL ROAD AND ABBERLY DRIVE.

CHARLESTON 0 0 0

THE ASOS AT KCHS REPORTED A 34 KNOT...OR 39 MPH...WIND GUST ASSOCIATED WITH TROPICAL STORM ANDREA.

CHARLESTON 0 0 0

CHARLESTON POLICE DEPARTMENT REPORTED DOWN POWER LINES AT THE INTERSECTION OF FOLLY ROAD AND HARBOR VIEW ROAD. INTERSECTION CLOSED AT THIS TIME.

CHARLESTON 0 0 0

CHARLESTON POLICE DEPARTMENT REPORTED DOWN POWER LINES IN ROAD AT 700 BLOCK OF SHELL SAND CIRCLE.

DORCHESTER 0 0 0

MEDIA REPORTS TREES DOWN ON HIGHWAY 61 AT ASHLEY RIVER DRIVE.

COLLETON 0 0 0

MEDIA REPORTS TREES DOWN AT THE INTERSECTION OF BELLS HIGHWAY AND CONFEDERATE HIGHWAY.

AMZ330 0 0 0

A WIND GUST OF 47 KNOTS...OR 54 MPH...WAS REPORTED ON THE RAVENEL BRIDGE.

CHARLESTON 0 0 0

TREE DOWN REPORTED ON MYRTLE AVENUE.

HAMPTON 0 0 0

ONE TREE WAS REPORTED DOWN NEAR THE INTERSECTION OF POND TOWN ROAD AND PRINCE WILLIAM ROAD.

CHARLESTON 0 0 0

TREE DOWN REPORTED AT THE INTERSECTION OF BURTON LANE AND JUNCTION LANE.

COLLETON 0 0 0

ONE TREE WAS REPORTED DOWN NEAR THE INTERSECTION OF CONNLEY ROAD AND CROSS SWAMP ROAD.

COLLETON 0 0 0

ONE TREE WAS REPORTED DOWN NEAR THE INTERSECTION OF ROUND O ROAD AND COTTAGEVILLE HIGHWAY.

CHARLESTON 0 0 0

TREE DOWN REPORTED AT THE INTERSECTION OF SOUTH SANTEE ROAD AND
HIGHWAY 17.

CHARLESTON 0 0 0

TREE DOWN REPORTED AT 1200 BLOCK OF PALM BOULEVARD.

CHARLESTON 0 0 0

SPOTTER REPORTED POWER LINE DOWN ACROSS DRIVEWAY ON PALM BOULEVARD
NEAR 7TH AVENUE.

CHARLESTON 0 0 0

SPOTTER REPORTED TREE DOWN IN PARKING LOT OFF PALM BOULEVARD NEAR
12TH AVENUE.

CHATHAM 0 0 0

REPORT OF DOWN TREE BLOCKING ROADWAY ON 13TH STREET.

AMZ370 0 0 0

BUOY 41004 REPORTED A WIND GUST OF 41 KNOTS...OR 47 MPH...ASSOCIATED
WITH TROPICAL STORM ANDREA.

CHARLESTON 0 0 0

LIFEGUARDS REPORTED TWO RIP CURRENTS. ONE NEAR THE ISLE OF PALMS
PIER AND ANOTHER IN BETWEEN 21ST AVENUE AND THE COUNTY PARK.

AMZ330 0 0 0

A WIND GUST OF 47 KNOTS...OR 54 MPH...WAS REPORTED ON THE RAVENEL
BRIDGE.

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LEGEND:

I-INCOMPLETE DATA

E-ESTIMATED

RM/PM/RJB