

ACUS72 KCHS 152117  
PSHCHS

POST TROPICAL CYCLONE REPORT...TROPICAL STORM ALBERTO  
NATIONAL WEATHER SERVICE CHARLESTON SC  
515 PM EDT FRI JUN 15 2006

TROPICAL DEPRESSION ONE FORMED DURING THE MORNING HOURS ON JUNE 10TH ABOUT 50 MILES SOUTH-SOUTHWEST OF CABO SAN ANTONIO ON THE WESTERN TIP OF CUBA. DURING THE MORNING HOURS ON THE 11TH THE DEPRESSION WAS UPGRADED TO TROPICAL STORM ALBERTO. AT THAT TIME ALBERTO WAS LOCATED ABOUT 400 MILES WEST OF KEY WEST FLORIDA. AS ALBERTO HEADED FOR THE BIG BEND AREA OF THE FLORIDA PANHANDLE...A TROPICAL STORM WARNING WAS ISSUED AT 5 PM EDT ON THE 12TH FROM FLAGLER BEACH FLORIDA NORTH TO THE SAVANNAH RIVER. AT 5 AM EDT ON THE 13TH...THE TROPICAL STORM WARNING WAS EXTENDED NORTHWARD TO THE SOUTH SANTEE RIVER. ALBERTO MADE LANDFALL DURING THE MIDDAY HOURS ON THE 13TH NEAR KEATON BEACH FLORIDA AND THEN CONTINUED TO MOVE STEADILY TO THE NORTHEAST. ALBERTO HAD THE GREATEST IMPACT ON THE AREA FROM THE MIDDAY HOURS ON ON THE 13TH TO THE EARLY MORNING HOURS ON THE 14TH. ALBERTO WEAKENED TO A DEPRESSION AT 5 AM ON THE 14TH AND ALL TROPICAL STORM WARNINGS WERE DROPPED AT THAT TIME. ALBERTO PRODUCED GENERALLY 1.5 TO 4.5 INCHES OF RAIN ACROSS THE CHARLESTON COUNTY WARNING AREA WITH ISOLATED AMOUNTS FROM 5 TO NEAR 7 INCHES. IN ADDITION...SEVERAL TORNADOES OCCURRED.

THIS REPORT INCLUDES THE FOLLOWING COUNTIES IN SOUTH CAROLINA...ALLENDALE...BEAUFORT...BERKELEY...CHARLESTON...COLLETON...DORCHESTER...HAMPTON AND JASPER. THIS REPORT INCLUDES THE FOLLOWING COUNTIES IN GEORGIA...BRYAN...BULLOCH...CANDLER...CHATHAM...EFFINGHAM...EVANS...JENKINS...LIBERTY...LONG...MCINTOSH...SCREVEN AND TATTNALL.

A. HIGHEST WINDS...

OFFICIAL SITES...NWS OR FAA...  
CHARLESTON SC AIRPORT (CHS)...

MAX 2 MINUTE 26 KT FROM 250 DEGREES AT 1309 UTC ON 6/14/06  
PEAK WIND 34 KT FROM 250 DEGREES AT 1309 UTC ON 6/14/06

SAVANNAH GA AIRPORT (SAV)...

MAX 2 MINUTE 28 KT FROM 150 DEGREES AT 0025 UTC ON 6/14/06  
PEAK WIND 39 KT FROM 140 DEGREES AT 0025 UTC ON 6/14/06

BEAUFORT SC MARINE BASE (NBC)...

MAX 2 MINUTE 19 KT FROM 220 DEGREES AT 1056 UTC ON 6/14/06  
PEAK WIND 28 KT FROM 220 DEGREES AT 1056 UTC ON 6/14/06

COASTAL WATERS...

NDBC 41004 EDISTO BUOY...

8 MINUTE AVG 30 KT FROM 240 DEGREES AT 1440 UTC ON 6/14/06  
PEAK WIND 41 KT FROM 200 DEGREES AT 2345 UTC ON 6/13/06

NDBC 41008 GRAYS REEF BUOY...

8 MINUTE AVG 31 KT FROM 190 DEGREES AT 0200 UTC ON 6/14/06  
PEAK WIND 43 KT FROM 190 DEGREES AT 0151 UTC ON 6/14/06

SABSOON TOWER R8/TYBG1(34 METERS)...  
8 MINUTE AVG 31 KT FROM 130 DEGREES AT 1826 UTC ON 6/13/06  
31 KT FROM 170 DEGREES AT 0426 AND 0626 UTC ON 6/14/06  
31 KT FROM 180 DEGREES AT 0726 UTC ON 6/14/06  
31 KT FROM 190 DEGREES AT 0826 UTC ON 6/14/06  
PEAK WIND 41 KT FROM 170 DEGREES AT 0626 UTC ON 6/14/06

SABSOON TOWER R2/SPAG1(50 METERS)...  
8 MINUTE AVG 37 KT FROM 170 DEGREES AT 0633 UTC ON 6/14/06  
PEAK WIND 43 KT FROM 170 DEGREES AT 0633 UTC ON 6/14/06

CMAN STATION...  
FBIS1 FOLLY BEACH...  
10 MIN AVG WIND 34 KT FROM 220 DEGREES AT 1010 UTC ON 6/14/06  
PEAK WIND 44 KT FROM 220 DEGREES AT 1002 UTC ON 6/14/06

UNOFFICIAL SITES...  
DOWNTOWN CHARLESTON SOUTH CAROLINA (CHL)...  
SUSTAINED 10 MIN AVG 28 KT FROM 200 DEGREES AT 0818 UTC ON 6/14/06  
PEAK WIND 36 KT FROM 220 DEGREES AT 0958 UTC ON 6/14/06

PINEVILLE SC...  
10 MINUTE AVG 33 KT FROM 240 DEGREES AT 1431 UTC ON 6/14/06  
PEAK WIND 42 KT AT 240 DEGREES AT 1431 UTC ON 6/14/06

WALTERBORO SC...  
PEAK WIND 24 KNOTS FROM 250 DEGREES AT 1115 UTC ON 6/14/06

METTER GA...  
PEAK WIND 22 KNOTS FROM 090 DEGREES AT 1645 UTC ON 6/13/06

B. LOWEST PRESSURE...

OFFICIAL SITES...  
CHARLESTON SC AIRPORT (CHS)...1006.3MB (6/14 AT 1056 UTC)  
SAVANNAH GA AIRPORT (SAV)...1007.0 MB (6/14 AT 0753 UTC)  
BEAUFORT SC MARINE BASE (NBC)...1007.3 MB(6/14 AT 0956 UTC)  
NDBC 41004...1009.3 MB (6/14 AT 1050 UTC)  
NDBC 41008...1008.1 MB (6/13 AT 2250 AND 2350 UTC)  
CMAN FBIS1...1008.6 MB (6/14 AT 1000 UTC)  
SABSOON TOWER (R8)...1009.0 (50 METER OB ON 6/14 AT 0726 UTC)

UNOFFICIAL SITES...  
CARO COOPS(CAP1)...1007.9 MB AT 1100 UTC ON 6/14  
CARO COOPS(CAP2)...1007.8 MB AT 1000 UTC ON 6/14  
CARO COOPS(CAP2)...1008.9 MB AT 1300 UTC ON 6/14  
CARO COOPS(FRP1)...1011.8 MB AT 0800 UTC ON 6/14

C. RAINFALL...

SOUTH CAROLINA

PRITCHARDVILLE..... 4.42 INCHES  
ALLENDALE..... 4.25 INCHES  
BLUFFTON..... 4.13 INCHES  
GOOSE CREEK.....3.15 INCHES  
BEAUFORT MARINE BASE /NBC/.....3.14 INCHES

HILTON HEAD ISLAND.....	2.94	INCHES
LADSON.....	2.85	INCHES
BEAUFORT.....	2.61	INCHES
SUMMERVILLE /USGS/.....	2.60	INCHES
CHARLESTON AIRPORT /CHS/.....	2.51	INCHES
MOUNT PLEASANT.....	2.02	INCHES
SUMMERVILLE /1S USGS/.....	1.82	INCHES
PINEVILLE.....	1.75	INCHES
JOHNS ISLAND.....	1.54	INCHES
JAMESTOWN.....	1.37	INCHES
WITHERBEE RAWS.....	1.14	INCHES
DOWNTOWN CHARLESTON/CHL/		

GEORGIA

RINCON.....	7.05	INCHES
WILMINGTON ISLAND.....	5.37	INCHES
FORT PULASKI.....	4.38	INCHES
PRITCHARDVILLE.....	4.23	INCHES
PORT WENTWORTH.....	4.19	INCHES
TYBEE ISLAND.....	4.06	INCHES
DOWNTOWN SAVANNAH.....	3.98	INCHES
SAVANNAH /WHITFIELD PARK/.....	3.95	INCHES
REIDSVILLE.....	3.80	INCHES
DAUFUSKIE ISLAND.....	3.80	INCHES
POOLER.....	3.75	INCHES
SPRINGFIELD.....	3.70	INCHES
REIDSVILLE /USGS/.....	3.55	INCHES
SAVANNAH AIRPORT /SAV/.....	3.29	INCHES
METTER RAWS.....	3.23	INCHES
BURTONS FERRY.....	2.90	INCHES
MIDWAY RAWS.....	2.84	INCHES
EDEN.....	2.73	INCHES
METTER.....	2.44	INCHES
SKIDAWAY ISLAND.....	2.42	INCHES
ROCKY FORD /1SW USGS/.....	2.35	INCHES
HINESVILLE.....	1.97	INCHES

D. STORM TIDES...

SOUTH CAPERS ISLAND HIGHEST TIDE 6.65 FT MLLW AT 0224 UTC ON 6/14/06  
HIGHEST DEPARTURE...1.30 FT MLLW AT 0700 UTC ON 6/14/06

CHARLESTON HARBOR HIGHEST TIDE 6.82 FT MLLW AT 0236 UTC ON 6/14/06  
HIGHEST DEPARTURE...1.19 FT MLLW AT 0700 UTC ON 6/14/06

FRIPP ISLAND SC HIGHEST TIDE 7.81 FT MLLW AT 0236 UTC ON 6/14/06  
HIGHEST DEPARTURE...1.33 FT MLLW AT 0724 UTC ON 6/14/06

FORT PULASKI (SAVANNAH GA) HIGHEST TIDE 8.53 FT MLLW AT 0248 UTC ON  
6/14/06  
HIGHEST DEPARTURE...0.98 FT MLLW AT 1842 AND 1848 UTC ON 6/14/06

E. BEACH EROSION...

SOME MINOR BEACH EROSION OCCURRED ALONG THE NORTHERN COAST OF  
GEORGIA AND THE SOUTH COAST OF SOUTH CAROLINA.

F. FLOODING...

ONLY MINOR FLOODING OCCURRED.

G. TORNADOES...

SEVEN TORNADOES ARE KNOWN TO HAVE OCCURRED. THREE IN CHARLESTON COUNTY...ONE IN BEAUFORT COUNTY...ONE IN BERKELEY COUNTY...ONE IN CHATHAM COUNTY...AND ONE IN EFFINGHAM COUNTY. IT IS POSSIBLE THAT ADDITIONAL TORNADOES MAY BE CONFIRMED. OTHER THAN THE CHATHAM COUNTY TORNADO WHICH WAS RATED F1...ALL TORNADOES HAVE BEEN RATED F0.

H. STORM EFFECTS...

NO MANDATORY OR VOLUNTARY EVACUATIONS WERE ISSUED. OUTSIDE OF DAMAGE FROM TORNADOES...NO OTHER SIGNIFICANT DAMAGE OCCURRED.

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