

ACUS72 KCHS 051755
PSHCHS

POST TROPICAL CYCLONE REPORT...HURRICANE ALEX
NATIONAL WEATHER SERVICE CHARLESTON SC
200 PM EDT THU AUG 5 2004

THE FIRST TROPICAL DEPRESSION IN THE ATLANTIC BASIN THIS SEASON...
WHICH LATER BECAME HURRICANE ALEX...WAS FIRST IDENTIFIED AS A
TROPICAL DEPRESSION LATE IN THE AFTERNOON ON SATURDAY JULY 31ST
ABOUT 175 MILES SOUTH-SOUTHEAST OF CHARLESTON SOUTH CAROLINA. AT
THAT TIME A TROPICAL STORM WATCH WAS ISSUED FROM EDISTO BEACH SOUTH
CAROLINA TO CAPE HATTERAS NORTH CAROLINA. THE WATCH WAS ELEVATED TO
A TROPICAL STORM WARNING FROM CAPE FEAR NORTH CAROLINA TO CAPE
HATTERAS NORTH CAROLINA AT 11 AM ON SUNDAY AUGUST 1ST. THE TROPICAL
SYSTEM STRENGTHENED AND WAS FIRST IDENTIFIED AS A TROPICAL STORM AT
2 PM ON THE 1ST AND AT THAT TIME WAS LOCATED ABOUT 80 MILES
SOUTH-SOUTHEAST OF CHARLESTON SOUTH CAROLINA. AT 5 PM ON THE 1ST THE
TROPICAL STORM WARNING WAS EXPANDED SOUTH TO SOUTH SANTEE RIVER
SOUTH CAROLINA. AS ALEX STRENGTHENED AND MOVED NORTHEAST ON THE
2ND...THE TROPICAL STORM WATCH WAS DROPPED FROM SOUTH SANTEE RIVER
SOUTH CAROLINA TO EDISTO BEACH SOUTH CAROLINA.

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

A. HIGHEST WINDS...

OFFICIAL SITES...NWS OR FAA:

CHARLESTON SC AIRPORT (CHS)...
MAX 2 MINUTE NNE/16 KT (8/2 AT 1510Z)
PEAK WIND N/19 KT (8/2 AT 2157Z)

SAVANNAH GA AIRPORT (SAV)...
MAX 2 MINUTE NW/16 KT (8/2 AT 1758Z)
PEAK WIND N/19 KT (8/2 AT 1443Z)

COASTAL WATERS:

NDBC 41004 EDISTO BUOY...
8 MINUTE AVG SUSTAINED WIND N/27 KT (8/3 AT 0000Z)
PEAK WIND 31 KT (8/3 AT 0000Z)

NDBC 41008 GRAYS REEF BUOY...
8 MINUTE AVG SUSTAINED WIND NW/19.5 KT (8/2 AT
6,7,9,10,11,13,14,1500Z)
PEAK WIND 23 KT (8/2 AT 6,7,8,9,13,14,1500Z)

CMAN STATION:

FBIS1 FOLLY BEACH:
SUSTAINED WIND NE/23 KT (8/1 AT 2300Z)
PEAK WIND 26 KT (8/1 AT 2300Z)

UNOFFICIAL SITES:

DOWNTOWN CHARLESTON SOUTH CAROLINA (CHL)...
SUSTAINED 10 MIN AVG...21 KT (8/2 AT 2228Z)
PEAK 10 MIN AVG...26 KT (8/3 AT 0000Z)
INSTANTANEOUS PEAK...31 KT (8/2)

WALTERBORO SC...PEAK WIND NW 14 KT (8/1 AT 1915Z)

PINEVILLE SC...SUSTAINED 10 MINUTE AVG...15 KT (8/2 AT 1950Z)
PEAK WIND 10 MINUTE AVG...20 KT (8/2 AT 1720Z)

ISLE OF PALMS SC...PEAK WIND 28 KT (8/2 AT 0000Z)

METTER GA...PEAK WIND N 12 KT (8/1 AT 1945Z)

B. LOWEST PRESSURE...

OFFICIAL SITES:

CHARLESTON SC AIRPORT (CHS)...1007 MB (8/2 AT 1956Z)
SAVANNAH GA AIRPORT (SAV)...1008 MB (8/2 AT 2244Z)
NDBC 41004...1004 MB (8/2 AT 2100Z)
NDBC 41008...1007 MB (8/2 AT 0900Z)
CMAN FBIS1...1007 MB (8/2 AT 2000Z)

UNOFFICIAL SITES:

ISLE OF PALMS SC...ESTIMATED 1005 MB (8/2)

C. RAINFALL (12Z 8/1 TO 12Z 8/3 TOTAL)...

CHARLESTON SC AIRPORT (CHS)... 0.18 INCHES
SAVANNAH GA AIRPORT (SAV)... 0.14 INCHES
DOWNTOWN CHARLESTON SC (CHL)... 0.10 INCHES
FORT MOULTRIE SC... 1.10 INCHES
JAMESTOWN SC... 0.58 INCHES
RIDGEVILLE SC... 0.55 INCHES
WALTERBORO SC... 0.22 INCHES
ALLENDALE SC... 0.20 INCHES
EDEN GA... 1.27 INCHES
METTER GA... NO RAIN

D. STORM TIDES...

UP TO ONE HALF FOOT ABOVE NORMAL.

E. BEACH EROSION...

MINOR BEACH EROSION OCCURRED IN A FEW LOCATIONS. BEACH EROSION WAS A RESULT OF PERSISTENT LARGE SWELLS FROM THE SOUTHEAST THAT STARTED ON WEDNESDAY THE 28TH OF JULY AND CONTINUED UNTIL ALEX DEPARTED THE AREA ON AUGUST 2ND.

F. FLOODING...

NONE

G. TORNADOES...

NONE

H. STORM EFFECTS...

NO DAMAGE...POWER OUTAGES...INJURIES OR EVACUATIONS OCCURRED.

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BRIGHT/BEAVER/EMLAW