

000
ACUS72 KILM 032020
PSHILM

POST TROPICAL CYCLONE REPORT...HURRICANE ALEX
NATIONAL WEATHER SERVICE WILMINGTON NC
415 PM EDT TUE AUG 3 2004

ALEX WAS IDENTIFIED AS A TROPICAL DEPRESSION ON JULY 31 WHILE ABOUT 170 MILES EAST OF JACKSONVILLE FL...AND A TROPICAL STORM WATCH WAS ISSUED AT 5 PM EDT FROM EDISTO SC TO CAPE HATTERAS NC. ON AUGUST 1 AT 11 AM THE WATCH WAS ELEVATED TO A TROPICAL STORM WARNING FROM CAPE FEAR TO CAPE HATTERAS. ALEX STRENGTHENED TO TROPICAL STORM STRENGTH AT 2 PM ON AUG 1...WHILE ABOUT 90 MILES SE OF CHARLESTON SC. AT 5 PM THE TROPICAL STORM WARNING WAS EXTENDED TO SOUTH SANTEE RIVER SC. ON AUG 2 AT 5 PM A HURRICANE WARNING WAS ISSUED FROM CAPE LOOKOUT TO OREGON INLET NC...AND ALEX REACHED HURRICANE STRENGTH ON AUG 3 AT 2 AM WHILE ABOUT 75 MILES SE OF CAPE FEAR. AT 5 AM THE TROPICAL STORM WARNING WAS DISCONTINUED SOUTH OF CAPE FEAR...AND AT 11 AM IT WAS DISCONTINUED SOUTH OF SURF CITY AS HURRICANE ALEX REACHED CATEGORY 2 STRENGTH WITH SUSTAINED WINDS AROUND 100 MPH...AND HIGHER GUSTS. THE EYE OF ALEX CROSSED CAPE HATTERAS BETWEEN NOON AND 330 PM ON AUG 3...MOVING NORTHEAST OUT TO SEA.

THIS REPORT COVERS THE COUNTIES OF SOUTHEAST NORTH CAROLINA:
PENDER...NEW HANOVER...BRUNSWICK...BLADEN...COLUMBUS...ROBESON
AND NORTHEAST SOUTH CAROLINA:
HORRY...GEORGETOWN...MARION...DILLON...FLORENCE...WILLIAMSBURG...
DARLINGTON...MARLBORO

ALL TIMES UCT...TO CONVERT TO EDT SUBTRACT 4 HOURS.
OCCURRED ON DATE 8/3/04 UNLESS NOTED.

A. HIGHEST WINDS...

OFFICIAL NWS OR FAA SITES:

WILMINGTON NC AIRPORT (ILM)
MAX 2 MINUTE 350/18 KT AT 1001Z
PEAK WIND 340/26 KT AT 1000Z

SOUTHPORT NC AIRPORT (SUT) 020/13G19 KT AT 0702Z

NORTH MYRTLE BEACH AIRPORT (CRE)
MAX 2 MINUTE 050/17 KT AT 0021Z
PEAK WIND 100/25 KT AT 2158Z ON 8/2/04

SPRINGMAID PIER MYRTLE BEACH SC 041/20G24 KT AT 0024Z

COASTAL WATERS
NDBC BUOY 41013 FRYING PAN SHOALS...35 NM SE OF BALD HEAD ISLAND
8 MINUTE AVG SUSTAINED WIND 028/35 KT AT 0710Z
PEAK 070/45 KT AT 0622Z, 020/45 KT AT 0709Z, 340/45 KT AT 0811Z

UNOFFICIAL SITES:

NEW HANOVER COUNTY:

WRIGHTSVILLE BEACH C STREET PEAK WIND NNE 28 KT AT 0815Z-0845Z
WRIGHTSVILLE BEACH OCEANIC PIER 34 KT MORNING 8/3/04
NORTH CAROLINA STATE PORT PEAK WIND NNW 23 KT AT 0938Z
KURE BEACH PEAK WIND NNW 34 KT AT 0900Z

BRUNSWICK COUNTY:

BALD HEAD ISLAND PEAK WIND 37 KT...MORNING 8/3/04

B. LOWEST PRESSURE...

WILMINGTON AIRPORT (ILM) 1003.7 MB AT 0932Z
NORTH MYRTLE BEACH AIRPORT (CRE) 1005.4 MB AT 0851Z
NDBC BUOY 41013 FRYING PAN SHOALS... 994.9 MB AT 0750Z

C. 24 HOUR RAINFALL IN INCHES ENDING AT 1200Z

NORTH CAROLINA
WILMINGTON AIRPORT 0.49
SOUTHPORT BRUNSWICK AIRPORT 0.85
ELIZABETHTOWN 0.83
LONGWOOD 0.56
LUMBERTON 0.91

SOUTH CAROLINA

NORTH MYRTLE BEACH 0.82
LORIS 0.25
CONWAY 1.24
CADES 0.21
FLORENCE 1.14
MULLINS 0.07
PEE DEE 2.16
DILLON 0.85

D. STORM TIDES...

ONE-HALF TO ONE FOOT ABOVE NORMAL ON EAST FACING BEACHES AND NC
SOUNDS.

E. BEACH EROSION...

MINOR EROSION ON NORTH CAROLINA EAST FACING BEACHES N OF CAPE FEAR...
AND SOME SAND ACCRETION. ON BALD HEAD ISLAND (CAPE FEAR) AN AREA
ALONG AP ROBLEM ROADWAY THAT WAS BOLSTERED BY SANDBAGS WAS WASHED
OUT.

F. FLOODING...

NONE

G. TORNADOES...

NONE

H. STORM EFFECTS...

NO DAMAGE REPORTED. NO POWER OUTAGES. NO INJURIES. NO EVACUATIONS.

\$\$
END/TM