

TTAA00 KCRP 222042

NHC MIA ATTN: ED RAPPAPORT A CRP
PRELIMINARY STORM REPORT...TROPICAL STORM ARLENE
NATIONAL WEATHER SERVICE CORPUS CHRISTI TX
342 PM CDT TUE JUN 22 1993

A. HIGHEST WINDS...

WSO CORPUS CHRISTI CRP
HIGHEST SUSTAINED WIND 22 KNOTS FROM 050 DEGREES AT 0821UTC ON 6/20/93
PEAK GUST 32 KNOTS FROM 050 DEGREES AT 0828UTC ON 6/20/93
NAVY KINGSVILLE NQI
HIGHEST SUSTAINED WIND 25 KNOTS FROM 020 DEGREES AT 2000UTC ON 6/20/93
NAVY CORPUS CHRISTI NGP
HIGHEST SUSTAINED WIND 23 KNOTS FROM 090 DEGREES AT 1256UTC ON 6/20/93
PEAK GUST 30 KNOTS FROM 080 DEGREES AT 0837UTC ON 6/20/93
PEAK GUST 30 KNOTS FROM 100 DEGREES AT 0918UTC ON 6/20/93

B. LOWEST PRESSURE...

WSO CORPUS CHRISTI CRP
1003.7 MBS OR 29.64 INCHES AT 1116UTC ON 6/20/93
NAVY KINGSVILLE NQI
1002.1 MBS AT 1300UTC ON 6/20/93
NAVY CORPUS CHRISTI NGP
1003.5 MBS AT 1056UTC ON 6/20/93

C. RAINFALL...

WSO CORPUS CHRISTI CRP
STORM TOTAL 9.21 INCHES FROM 12UTC 6/18/93 TO 12UTC 6/22/93
GREATEST IN
1 HOUR 1.56 FROM 0800 TO 0900UTC ON 6/20/93
6 HOURS 2.54 FROM 0700 TO 1300UTC ON 6/20/93
12 HOURS 3.24 FROM 0800 TO 2000UTC ON 6/21/93
24 HOURS 5.26 FROM 1700UTC ON 6/19/93 TO 1700UTC ON 6/20/93
NAVY KINGSVILLE NQI
STORM TOTAL 4.14
6 HOURS 0.63 FROM 0000UTC TO 0600UTC ON 6/20/93
12 HOURS 0.82 FROM 1800UTC 6/19/93 TO 0600UTC 6/20/93
24 HOURS 1.32 FROM 0000UTC 6/20/93 TO 0000UTC 6/21/93
NAVY CORPUS CHRISTI NGP
STORM TOTAL 6.22
6 HOURS 1.50 FROM 2300UTC 6/19/93 TO 0500UTC 6/20/93
12 HOURS 1.70 FROM 2300UTC 6/20/93 TO 1100UTC 6/21/93
24 HOURS 2.32 FROM 0500UTC 6/20/93 TO 0500UTC 6/21/93
STORM TOTALS FOR OTHER LOCATIONS IN THE COASTAL BEND...
ALICE FSS 2.64 ROBSTOWN 5.72
PADRE ISLAND NATIONAL SEASHORE 3.17 PAPALOTE 7.10
PORTLAND 6.10 CORPUS CHRISTI CITY HALL 5.45
WOODSBORO 4.94

D. STORM TIDES...

TIDES AT BOB HALL PIER 23.85 2.6 ABOVE MSL 1.8 ABOVE PREDICTED
ASTRONOMICAL TIDE AT 1000UTC 6/20/93
TIDE TIMES AT THE PORT ARANSAS JETTIES ON 6/20/93
HIGH TIDE...1131UTC LOW TIDE...0212UTC

E. BEACH EROSION...

12 INCHES OF SAND REMOVED FROM BEACHES WITH MINOR DUNE DAMAGE.

F. FLOODING...

EXTENSIVE FLOODING OCCURRED ALONG THE COAST AND ON BEACH ACCESS ROADS.
NEARLY ALL BEACH ACCESS ROADS WERE CLOSED. STATE PARKS AND BEACHES WERE
CLOSED FOR A TIME DUE TO WATER TO THE DUNE LINES AND BEACHES UNDER
WATER.

INLAND FLOODING WAS MOST PREALENT IN NUECES COUNTY WHERE SEVERAL FARM
TO MARKET AND COUNTY ROADS WERE UNDER WATER AND CLOSED AT TIMES.
MOST OTHER FARM TO MARKET AND COUNTY ROADS WERE PARTIALLY WATER COVERED
BUT PASSABLE. NO MAJOR FLOODING PROBLEMS OCCURRED IN CORPUS CHRISTI
EXCEPT ALONG THE COAST AND ON LOW-LYING ROADS ON THE OUTSKIRTS OF THE
CITY.

ISOLATED AREAS OF FLOODING ON FARM TO MARKET AND COUNTY ROADS OCCURRED
IN KLEBERG...JIM WELLS...ARANSAS...AND REFUGIO...COUNTIES.

FLOODING IN SAN PATRICIO COUNTY WAS MAINLY IN THE WEST SECTION
ESPECIALLY NEAR MATHIS WHERE SOME ROADS WERE CLOSED. OTHER ROADS WERE
PASSABLE BUT NEARLY CLOSED. FLOODING HERE THOUGH WAS COMPOUNDED BY THE
HEAVY RAINS WHICH OCCURED IN THESE SECTIONS SEVERAL DAYS BEFORE THE
TROPICAL RAIN EVENT.

G. TORNADOES...

NONE.

H. STORM EFFECTS...

THE AGRICULTURE INPACT IS MINIMAL AT THIS TIME BUT THE POTENTIAL EXISTS
FOR MAJOR AGRICULTURE LOSS.

A RECORD GRAIN SORGHUM AND CORN CORP IS IN THE FIELDS AT THIS TIME. IT
WILL BE 2 WEEKS BEFORE THESE CROPS WILL BE READY FOR HARVEST. MINIMAL
HEAD SPROUTING HAS OCCURED. THESE CROPS HAVE VERY SHALLOW ROOT SYSTEMS
DUE TO THE HEAVY RAIN EVENT ONE WEEK PRIOR TO TS ARLENE. HIGH WIND
BEFORE THE FIELDS DRY OUT WILL CAUSE THE PLANTS TO TOPPLE OR THE HEADS
TO BREAK.

COTTON IS STILL YOUNG WITH SOME BLOOM AND MAX BLOOM SHOULD BE IN 2
WEEKS. SOME BLOOM SHED IS EXPECTED PLUS MINIMUM TO MODERATE BOLL ROT.
SOME PLANT LOSS IN LOW LYING FIELD AREAS TO OXYGEN STARVATION IN
STANDING WATER.

INCREASE IN WEEDS AND INSECTS INCLUDING THE BOLL WEEVIL.

CATTLE RANCHERS ARE UNA BLE TO ASSESS LIVESTOCK STATUS DUE TO THE
PASTURES TOO WET FOR TRAVEL.

NO DOLLAR ESTIMATES OF DAMAGE WILL BE POSSIBLE FOR SOME TIME.

DAVENPORT

AMIC WSO CRP