

ACUS72 KILM 101156
PSHILM

POST TROPICAL CYCLONE REPORT...TROPICAL STORM HANNA
NATIONAL WEATHER SERVICE WILMINGTON NC
741 AM EDT WED SEP 10 2008

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 FOR HANNA.

COUNTIES INCLUDED...PENDER...NEW HANOVER...BRUNSWICK...HORRY...
GEORGETOWN...BLADEN...COLUMBUS...ROBESON...MARION...WILLIAMSBURG...
DILLON...DARLINGTON...FLORENCE...MARLBORO

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)

KILM-WILMINGTON INTERNATIONAL-NC

34.28 -77.92 993.2 06/0853 210/027 06/0953 140/047 06/0720

KFLO-FLORENCE REGIONAL-SC

34.19 -79.72 997.3 06/0653 340/021 06/0637 340/037 06/0539

KLBT-LUMBERTON-NC

34.61 -79.06 992.1 06/0854 320/030 06/0844 320/040 06/0843

KMYR-MYRTLE BEACH GRANDSTRAND-SC

33.69 -78.93 988.5 06/0635 270/025 06/0735 100/036 06/0335

KCRE-NORTH MYRTLE BEACH-SC

33.81 -78.72 984.2 06/0653 080/027 06/0643 090/046 06/0630

KSUT-SOUTHPORT-NC

33.93 -78.07 992.5 06/0740 230/029 06/0940 180/049 06/0800

KUDG-DARLINGTON-SC

34.45 -79.89 992.3 06/0815 010/017 06/0535 010/025 06/0555

KCPC-WHITEVILLE-NC

34.27 -78.71 986.1 06/0820 270/016 06/0940 270/030 06/0940

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) |
| ----- | | | | | | | |
| SUNN7 SUNNY POINT RAWS | | | | | | | |
| 34.00 | -77.96 | 0.0 | M | 120/028 | 06/0418 | 100/049 | 06/0718 |
| | | | | 6/10 | | | |
| SURF CITY | | | | | | | |
| 34.40 | -77.57 | 0.0 | M | 090/036 | 06/0230 | 160/051 | 06/0815 |
| | | | | 5 | | | |
| WRIGHTSVILLE BEACH | | | | | | | |
| 34.22 | -77.79 | 0.0 | M | 130/037 | 06/0700 | 130/058 | 06/0630 |
| | | | | 11 | | | |
| WRIGHTSVILLE BEACH | | | | | | | |
| 34.21 | -77.80 | 0.0 | M | 110/014 | 06/0300 | 110/034 | 06/0300 |
| SOUTHPORT | | | | | | | |
| 33.92 | -78.04 | 0.0 | M | 070/029 | 06/0600 | 070/037 | 06/0600 |
| | | | | 10 | | | |
| BKIN7-BACK ISLAND RAWS | | | | | | | |
| 34.53 | -77.72 | 0.0 | M | 220/019 | 06/1118 | 170/050 | 06/1018 |
| NATN7-NATURE CONSERVANCY RAWS | | | | | | | |
| 34.05 | -78.29 | 0.0 | M | 180/021 | 06/0818 | 190/046 | 06/0718 |
| TURN7-TURNBULL CREEK RAWS | | | | | | | |
| 34.68 | -78.58 | 0.0 | M | 080/015 | 06/0818 | 310/040 | 06/1118 |
| WHIN7-WHITEVILLE RAWS | | | | | | | |
| 34.34 | -78.73 | 0.0 | M | 280/012 | 06/918 | 290/042 | 06/1018 |

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) |
| ----- | | | | | | | |
| 41013-FRYING PAN BUOY-NC | | | | | | | |
| 33.40 | -77.70 | 995.1 | 06/0650 | 190/041 | 06/0710 | 185/052 | 06/0650 |

41038-ILM2 5 SE WRIGHTSVILLE BEACH-NC
34.14 -77.71 991.8 06/1000 220/035 06/1000 220/051 06/1000

JMPN7-JOHNNY MERCER PIER-NC
34.20 -77.78 993.1 06/0836 200/053 06/0912 200/063 06/0912

MROS1-SPRINGMAID PIER-SC
33.66 -78.92 987.1 06/0836 030/036 06/0148 030/042 06/0148

REMARKS:

C. STORM TOTAL RAINFALL FROM 2000 UTC SEP 05 UNTIL 1500 UTC SEP 06

| CITY/TOWN LAT LON DEG DECIMAL | COUNTY | ID | RAINFALL (IN) |
|-------------------------------------|----------|-------|------------------|
| 1 SSE WHITEVILLE 34.33 -78.70 | COLUMBUS | | 4.47 |
| 2 W WHITEVILLE 34.34 -78.73 | COLUMBUS | WHIN7 | 4.30 |
| 2 SSE BRUNSWICK 34.26 -78.69 | COLUMBUS | WHVN7 | 3.66 |
| 6 NNW WHITEVILLE 34.41 -78.75 | COLUMBUS | | 3.62 |
| 1 ESE RED SPRINGS 34.81 -79.16 | ROBESON | RDSN7 | 5.50 |
| 1 NW LUMBERTON 34.63 -79.03 | ROBESON | LBRN7 | 4.24 |
| 4 N ST. PAULS 34.86 -78.96 | ROBESON | | 4.21 |
| 3 ESE BARNESVILLE 34.39 -79.00 | ROBESON | LRPN7 | 3.90 |
| 1 ENE FLETCHER 34.71 -79.57 | MARLBORO | MCOS1 | 4.71 |
| 2 N BENNETTSVILLE 34.65 -79.68 | MARLBORO | BNSS1 | 3.93 |
| 1 SE DILLON 34.65 -79.68 | DILLON | DLNS1 | 6.00 |

| | | | |
|--|------------|-------|------|
| 34.41 -79.36 | | | |
| EFFINGHAM 34.06 -79.76 | FLORENCE | EFFS1 | 3.31 |
| 1 W PLEASANT HILL 33.68 -79.38 | GEORGETOWN | HMGS1 | 4.42 |
| 3 NNE PAWLEY`S ISLAND 33.47 -79.10 | GEORGETOWN | | 4.16 |
| 4 SSW GEORGETOWN 33.32 -79.32 | GEORGETOWN | GEOS1 | 4.12 |
| WEDGEFIELD PLANTATION 33.43 -79.25 | GEORGETOWN | | 4.06 |
| 1 SW ANDREWS 33.44 -79.57 | GEORGETOWN | ADWS1 | 3.90 |
| 4 N COOL SPRING 34.03 -79.15 | HORRY | | 6.77 |
| 2 NE SOCASTEE 33.70 -78.98 | HORRY | | 4.41 |
| 4 W GREEN SEA 34.13 -78.97 | HORRY | | 4.46 |
| 5 SW BRIARCLIFFE ACRES 33.75 -78.82 | HORRY | MYBS1 | 4.35 |
| 1 WSW CONWAY 33.83 -79.06 | HORRY | CNWS1 | 4.30 |
| 1 N RED HILL 33.80 -79.01 | HORRY | | 4.20 |
| 2 WNW GREEN SEA 34.14 -78.93 | HORRY | LRSS1 | 3.05 |
| 1 SE MARION 34.17 -79.39 | MARION | MRNS1 | 8.73 |
| 1 SSE MULLINS 34.19 -79.25 | MARION | MULS1 | 6.19 |
| 3 W LUMBERTON 34.61 -79.06 | ROBESON | KLBT | 4.60 |
| 2 E FLORENCE 34.19 -79.72 | FLORENCE | KFLO | 4.53 |
| ATLANTIC BEACH | HORRY | KCRE | 4.28 |

33.81 -78.72

4 NNE ELIZABETHTOWN BLADEN TURN7 4.33
34.68 -78.58

5 NNE BAY TREE LAKE BLADEN GRLN7 3.44
34.74 -78.39

REMARKS:

D. INLAND FLOODING...

HORRY...TWELVE SEPERATE REPORTS OF ROADS CLOSED DUE TO ROADS BEING COVERED WITH WATER OR WASHED OUT.

GEORGETOWN...HIGHWAY 17 IN GEORGETOWN IS CLOSED DUE TO HEAVY RAINFALL.

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 |
|-------------|-----------------------|------------|-----------|-----------|---------------|
| NEW HANOVER | JOHNNY MERCER P | 2.50 | 5.45 | 06/0454 | UNKNOWN |
| NEW HANOVER | WILMINGTON | 5.00 | 6.75 | 06/1000 | NONE |
| HORRY | SPRINGMAID PIER | 3.50 | 7.25 | 06/0618 | UNKNOWN |
| GEORGETOWN | OYSTER LANDING | 2.20 | 6.63 | 06/0545 | UNKNOWN |
| BRUNSWICK | OCEAN ISLE BEAC | 4.00 | 7.00 | 06/0720 | MODERATE |

ALL VALUES MLLW

REMARKS: OCEAN ISLE BEACH SURGE AND TIDE ESTIMATED

F. TORNADOES...

| (DIST) CITY/TOWN LAT LON (DEG DECIMAL) DESCRIPTION | COUNTY | DATE/ TIME (UTC) | EF SCALE (IF KNOWN) |
|--|--------|---------------------|------------------------|
| ----- | | | |

G. STORM IMPACTS BY COUNTY...

| COUNTY | DEATHS | INJURIES | EVACUATIONS |
|-------------|--------|----------|-------------|
| DESCRIPTION | | | |

GEORGETOWN 1

1 FATALITY 20 YEAR OLD MALE DIED WHEN HIS VEHICLE WENT OFF THE ROAD INTO A FLOODED DRAINAGE DITCH AT 0318 AM EDT ON SEPT 6TH. THE EVENT OCCURRED ALONG HIGHWAY 521 NEAR ANDREWS, SC. AUTOPSY INDICATED DROWNING AS THE CAUSE OF DEATH. THE BODY WAS FOUND SEVERAL HOURS LATER IN A LARGE CANAL AS FLOODING SUBSIDED.

GEORGETOWN

WINDS KNOCKED POWER LINES ONTO TWO HISTORIC BUILDINGS WHICH CAUGHT FIRE. DAMAGE ESTIMATE \$400,000.00.

BRUNSWICK

3 HOMES UNDERMINED AT OCEAN ISLE BEACH BUT NO DAMAGE OTHER THAN LOSS OF LAND.

BRUNSWICK

SECTION OF ROAD ON 2ND AVE BETWEEN CHARLOTTE ST. TO THE EAST END OF THE ISLAND WAS WASHED AWAY.

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Legend:

I-Incomplete Data

E-Estimated

LEBO