

POST TROPICAL CYCLONE REPORT...TROPICAL STORM HANNA  
 NATIONAL WEATHER SERVICE CHARLESTON SC  
 449 PM EDT MON SEP 8 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...CHARLESTON...BERKELEY...DORCHESTER...COLLETON...  
 BEAUFORT...JASPER...HAMPTON...ALLENDALE...CHATHAM...EFFINGHAM...  
 SCREVEN...JENKINS...BULLOCH...BRYAN...LIBERTY...EVANS...CANDLER...  
 TATTNALL...LONG...MCINTOSH

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)

KCHS-CHARLESTON INTL AIRPORT SC							
32.91	-80.03	998.9	06/0456	040/019	05/1718	020/027	05/1429
KSAV-SAVANNAH INTL AIRPORT GA							
32.12	-80.20	1003.6	05/2353	360/017	05/1553	340/025	05/1914
KNBC-BEAUFORT MARINE CORPS AIR STATION SC							
32.48	-80.72	1002.2	06/0156	360/018	05/2117	320/029	06/0242
KHXD-HILTON HEAD AIRPORT SC							
32.20	-80.70	1002.4	05/2350	I 020/018	05/1550	I 010/030	05/2350 I

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)

KCHL-CHARLESTON DOWNTOWN							
32.78	-79.94			040/022	05/1408	300/032	06/0418

10/10

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)
FBIS1-FOLLY BEACH C-MAN							
32.68	-79.89	998.9	06/0400	040/023	05/0800	360/029	06/0115
					10/02		
41004-NDBC EDISTO BUOY							
32.50	-79.10	982.3	06/0350	310/044	06/0420	300/058	06/0412
					05/08		
41008-NDBC GRAYS REEF BUOY							
31.40	-80.87	1000.9	05/2050	010/031	05/1800	360/039	05/1927
					05/08		
SPAG1-SKIDAWAY INSTITUTE OF OCEANOGRAPHY R2 TOWER							
31.38	-80.57			330/043	05/2132	330/051	05/2132
					50/02		
SKMG1-SKIDAWAY INSTITUTE OF OCEANOGRAPHY M2R6 TOWER							
31.53	-80.24	999.8	06/0135	300/037	06/0135	300/043	06/0135
					50/02		
41029-CARO COOPS CAPERS NEARSHORE BUOY							
32.81	-79.63	987.8	06/0400 I	010/032	06/0200 I	010/037	06/0200 I
					03/08		
FPKG1-FORT PULASKI NOAA/NOS SENSOR							
32.03	-80.90	1002.3	05/2312	310/022	06/0224	310/029	06/0224
					06/02		

REMARKS:

C. STORM TOTAL RAINFALL FROM 1200 UTC SEP 05 UNTIL 1200 UTC SEP 06

CITY/TOWN	COUNTY	ID	RAINFALL
LAT LON			(IN)
DEG DECIMAL			
MCCLELLANVILLE	CHARLESTON		4.97
33.08 -79.46			
0.5 ESE MCCLELLANVILLE	CHARLESTON		4.47

33.08 -79.45			
8 NNE MOUNT PLEASANT 32.89 -79.81	CHARLESTON		4.42
0.2 ESE MCCLELLANVILLE 33.08 -79.46	CHARLESTON		4.41
5.7 NE MOUNT PLEASANT 32.85 -79.79	CHARLESTON		4.32
3 NNE HUGER 33.13 -79.78	BERKELEY		4.30
4.1 NE MOUNT PLEASANT 32.83 -79.81	CHARLESTON		4.14
2.5 SW MOUNT PLEASANT 32.76 -79.89	CHARLESTON		4.07
2.7 E LADSON 32.98 -80.06	CHARLESTON		3.94
1 NW MOUNT PLEASANT 32.80 -79.88	CHARLESTON		3.89
1.6 WSW MOUNT PLEASANT 32.78 -79.89	CHARLESTON		3.76
3.7 NW SUMMERVILLE 33.05 -80.22	DORCHESTER		3.65
CHARLESTON 32.78 -79.94	CHARLESTON	KCHS	3.54
5.1 SE CHARLESTON 32.73 -79.88	CHARLESTON		3.50
0.6 S HANAHAN 32.90 -80.02	CHARLESTON		3.50
WITHERBEE 33.16 -79.83	BERKELEY		3.36
4.2 SE CHARLESTON 32.73 -79.89	CHARLESTON		3.36
1.9 WNW FOLLY BEACH 32.66 -79.97	CHARLESTON		3.22
1.8 W MEGGETT 32.71 -80.27	CHARLESTON		3.18
4.6 SSE CHARLESTON	CHARLESTON		3.14

32.72	-79.91		
5.2 WNW CHARLESTON		CHARLESTON	2.97
32.81	-80.02		
2.5 SW FOLLY BEACH		CHARLESTON	2.91
32.62	-79.97		
3.3 NE SUMMERVILLE		BERKELEY	2.74
33.05	-80.13		
5.2 W CHARLESTON		CHARLESTON	2.73
32.78	-80.03		
4.5 N FOLLY BEACH		CHARLESTON	2.71
32.71	-79.94		
9 SE JOHNS ISLAND		CHARLESTON	2.68
32.63	-79.97		
2.9 WNW NORTH CHARLESTON		CHARLESTON	2.68
32.86	-80.02		
2.6 NW NORTH CHARLESTON		CHARLESTON	2.66
32.88	-80.01		
6.4 NW CHARLESTON		CHARLESTON	2.64
32.84	-80.02		
3.5 N NORTH CHARLESTON		BERKELEY	2.63
32.90	-79.97		
2 N HANAHAN		BERKELEY	2.60
32.94	-80.02		
2.3 SW LADSON		DORCHESTER	2.40
32.96	-80.14		
BENNETTS POINT		COLLETON	2.38
32.56	-80.45		
3.2 NE MONCKS CORNER		BERKELEY	1.46
33.22	-79.97		
2 N BEAUFORT		BEAUFORT	1.18
32.45	-80.67		
1.7 NNW NORTH CHARLESTON		CHARLESTON	1.17
32.87	-79.99		

REMARKS:

D. INLAND FLOODING...

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 CHARLESTON...NUMEROUS FLOODED ROADS IN DOWNTOWN CHARLESTON.

BERKELEY...ROYAL ROAD NEAR TREELAND DRIVE 5 MILES EAST OF SUMMERVILLE WAS FLOODED OUT AND IMPASSABLE. WATER REPORTED ACROSS PORTIONS OF CANE BAY AND SHEEP ISLAND ROADS.

DORCHESTER...RIVER BIRCH LANE IN RIDGEVILLE WAS FLOODED AND IMPASSABLE. SEVERAL ROADS CLOSED DUE TO FLOODING IN A NEIGHBORHOOD IN SUMMERVILLE WITH WATER ENTERING SOME YARDS.

COLLETON...CRAB APPLE LANE IN COTTAGEVILLE FLOODED AND IMPASSABLE.

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 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
CHARLESTON	G CHARLESTON	2.20	4.28	05/2112	MINOR
CHARLESTON	G CHARLESTON	1.43	6.88	05/1724	MINOR
CHATHAM	G FORT PULASKI	2.26	4.77	05/2130	UNKNOWN
CHATHAM	G FORT PULASKI	1.37	8.30	05/1736	UNKNOWN

REMARKS: THE HIGHEST SURGES ARE LISTED ALONG WITH THEIR CORRESPONDING TIDE LEVELS AS WELL AS THE HIGHEST TIDES AND THEIR CORRESPONDING SURGE VALUES. STORM TIDES ARE REPORTED IN MLLW.

MUCH OF THE BEACH EROSION OCCURRED DUE TO THE SWELLS SEVERAL DAYS BEFORE THE STORM.

F. TORNADOES...

(DIST) CITY/TOWN LAT LON (DEG DECIMAL DESCRIPTION	COUNTY	DATE/ TIME (UTC)	EF SCALE (IF KNOWN)
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REMARKS: NONE REPORTED.

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 G. STORM IMPACTS BY COUNTY...

COUNTY DESCRIPTION	DEATHS	INJURIES	EVACUATIONS
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CHARLESTON	0	0	
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VOLUNTARY EVACUATIONS WERE ORDERED FOR AREAS EAST OF HIGHWAY 17 IN VULNERABLE AND LOW-LYING AREAS AS WELL AS ANYONE ACROSS THE COUNTY IN MOBILE HOMES. CHARLESTON INTERNATIONAL AIRPORT AND THE PORT OF CHARLESTON WERE CLOSED FOR A PERIOD OF TIME. REPORTED DAMAGE AND DEBRIS WAS MINIMAL...INCLUDING TREES BLOWN DOWN ON KIAWAH ISLAND. NUMEROUS RIP CURRENTS WERE ALSO REPORTED ALONG THE COAST.

BERKELEY	0	0	
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A FEW SHELTERS WERE OPENED.

DORCHESTER	0	0	
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A FEW SHELTERS WERE OPENED.

CHATHAM	0	0	
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THE PORT OF SAVANNAH WAS CLOSED FOR A PERIOD OF TIME.

BEAUFORT	0	0	
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COMMERCIAL FLIGHTS WERE SUSPENDED AT HILTON HEAD AIRPORT FOR A PERIOD OF TIME.

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LEGEND:

I-INCOMPLETE DATA

E-ESTIMATED

RJB/RFM