

POST TROPICAL CYCLONE REPORT...TROPICAL STORM FAY...UPDATED
 NATIONAL WEATHER SERVICE CHARLESTON SC
 531 AM EDT SAT AUG 30 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 FAY.

COUNTIES INCLUDED...CHARLESTON...BERKELEY...DORCHESTER...COLLETON...
 BEAUFORT...JASPER...HAMPTON...ALLENDALE...CHATHAM...EFFINGHAM...
 SCREVEN...JENKINS...BULLOCH...BRYAN...LIBERTY...EVANS...CANDLER...
 TATTNALL...LONG...MCINTOSH

AUG 30...UPDATED FOR...ADDITIONAL RAINFALL REPORTS AND THE INCLUSION
 OF WIND DATA FOR THE FORT PULASKI NATIONAL OCEAN SERVICE SENSOR.

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)

 KSAV-SAVANNAH/HILTON HEAD INTERNATIONAL AIRPORT GA
 32.12 -80.20 1012.9 21/1004 100/026 22/1335 100/034 21/1504

KLHW-FORT STEWART GA
 31.88 -81.57 1009.8 22/0906 080/025 22/1808 100/038 22/1808

KSVN-HUNTER ARMY AIR FIELD GA
 32.03 -81.15 1010.5 22/0911 090/028 22/0517 090/039 22/1741

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-DOWNTOWN CHARLESTON WATERFRONT PARK
 32.78 -79.94 0.0 070/027 21/1658 080/036 21/1938

B. MARINE OBSERVATIONS...

NOTE: ANEMOMETER HEIGHT IN METERS AND WIND AVERAGING PERIOD IN
 MINUTES INDICATED UNDER MAXIMUM SUSTAINED WIND IF KNOWN

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LOCATION  ID      MIN    DATE/    MAX    DATE/    PEAK    DATE/
LAT  LON      PRES   TIME     SUST   TIME     GUST    TIME
DEG  DECIMAL  (MB)   (UTC)    (KT)   (UTC)    (KT)    (UTC)
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41004-NDBC EDISTO BUOY
32.50 -79.10  1013.3 20/0750   090/026 22/0030  100/039 22/0025

41008-NDBC GRAYS REEF BUOY
31.40 -80.87  1009.1 22/0950   090/033 22/1020  090/047 22/1016

FBIS1-FOLLY BEACH C-MAN
32.68 -79.89  1015.2 20/0700   090/026 22/0030  100/039 22/0025

SPAG1-SKIDAWAY INSTITUTE OF OCEANOGRAPHY R2 TOWER
31.38 -80.57  1006.5 22/1000   070/037 22/0932  090/047 22/1032
                    50/02

SKMG1-SKIDAWAY INSTITUTE OF OCEANOGRAPHY M2R6 TOWER
31.53 -80.24  1005.5 21/1000   060/041 22/0235  060/049 22/0235
                    50/02

FPKG1-FORT PULASKI NOAA/NOS SENSOR
32.02 -80.88    0.0          080/036 22/1148  080/052 22/1148
                    06/02

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REMARKS:

C. STORM TOTAL RAINFALL FROM 1200 UTC AUG 19 UNTIL 1200 UTC AUG 23

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CITY/TOWN                COUNTY                ID                RAINFALL
LAT  LON                DEG  DECIMAL                (IN)
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CHARLESTON AIRPORT                CHARLESTON                KCHS                2.34
32.89 -80.04

CHARLESTON WATERFRONT PA                CHARLESTON                KCHL                3.61
32.78 -79.94

SAVANNAH/HILTON HEAD INT                CHATHAM                KSAV                3.09
32.08 -81.10

1.9 WNW FOLLY BEACH                CHARLESTON                4.63
32.66 -79.97

4.6 SSE CHARLESTON                CHARLESTON                4.52
32.72 -79.91

2.3 NNE BLUFFTON                BEAUFORT                4.37

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32.26	-80.84		
1.9 N	BLUFFTON	BEAUFORT	4.33
32.26	-80.86		
6.2 WNW	BLUFFTON	BEAUFORT	4.29
32.27	-80.96		
2.4 NNW	BLUFFTON	BEAUFORT	2.40
32.26	-80.88		
6.4 NW	CHARLESTON	CHARLESTON	4.09
32.84	-80.02		
9.0 SE	JOHNS ISLAND	CHARLESTON	4.01
32.63	-79.97		
2.5 SW	FOLLY BEACH	CHARLESTON	3.96
32.62	-79.97		
4.1 NE	MOUNT PLEASANT	CHARLESTON	3.90
32.83	-79.81		
5.2 WNW	CHARLESTON	CHARLESTON	3.86
32.81	-80.02		
3.0 N	HILTON HEAD ISLAND	BEAUFORT	3.51
32.25	-80.75		
3.390 SW	MOUNT PLEASANT	CHARLESTON	3.39
32.75	-79.90		
1.0 E	SEABROOK ISLAND	CHARLESTON	3.00
32.57	-80.15		
7.2 NW	CHARLESTON	CHARLESTON	2.96
32.85	-80.03		
0.2 ESE	MCCLELLANVILLE	CHARLESTON	2.87
33.08	-79.46		
5.1 NW	BLUFFTON	BEAUFORT	2.83
32.28	-80.92		
7.4 ENE	RIDGELAND	INLAND JASPER	2.70
32.51	-80.86		
4.8 SSW	BRUNSON	HAMPTON	2.63
32.86	-81.22		
0.5 ESE	MCCLELLANVILLE	CHARLESTON	2.62
33.08	-79.45		
1.9 S	SUMMERVILLE	DORCHESTER	2.51

32.98	-80.17		
2.3 SW LADSON		DORCHESTER	2.40
32.96	-80.14		
7.9 NNE MOUNT PLEASANT		CHARLESTON	2.35
32.89	-79.81		
2.7 E LADSON		CHARLESTON	2.10
32.98	-80.06		
5.8 ESE RIDGELAND		COASTAL JASPER	2.03
32.44	-80.89		
3.7 NW SUMMERVILLE		DORCHESTER	1.59
33.05	-80.22		
3.2 NE MONCKS CORNER		BERKELEY	1.42
33.22	-79.97		
3.3 NE SUMMERVILLE		BERKELEY	1.04
33.05	-80.13		
2.8 N BELLVILLE		EVANS	5.56
32.19	-81.97		
3.9 SSW SAVANNAH		COASTAL CHATHAM	4.80
32.02	-81.12		
0.5 NE RICHMOND HILL		INLAND BRYAN	4.77
31.94	-81.30		
4.2 NNE DARIEN		COASTAL MCINTOSH	4.70
31.42	-81.40		
2.6 NE SAVANNAH		COASTAL JASPER	4.42
32.10	-81.07		
2.7 NE DARIEN		COASTAL MCINTOSH	4.38
31.39	-81.40		
2.2 E SAVANNAH		COASTAL CHATHAM	4.30
32.07	-81.06		
5.5 N BELLVILLE		EVANS	4.19
32.23	-81.97		
2.8 S RINCON		EFFINGHAM	4.18
32.25	-81.23		
1.7 NNE WILMINGTON ISLAN		COASTAL CHATHAM	4.17
32.03	-80.97		
3.1 SSE SAVANNAH		COASTAL CHATHAM	3.98

32.03	-81.08		
2.3 S SKIDAWAY ISLAND		COASTAL CHATHAM	3.78
31.89	-81.05		
0.8 SE TYBEE ISLAND		CHATHAM	3.77
31.99	-80.84		
1.1 NE ISLE OF HOPE		COASTAL CHATHAM	3.44
31.99	-81.05		
2.2 N SKIDAWAY ISLAND		COASTAL CHATHAM	3.22
31.96	-81.05		
1.9 S GUYTON		EFFINGHAM	3.08
32.30	-81.39		
0.8 NE SKIDAWAY ISLAND		COASTAL CHATHAM	2.84
31.94	-81.04		
0.8 NNE POOLER		INLAND CHATHAM	2.66
32.12	-81.24		
3.9 NNE RINCON		EFFINGHAM	2.16
32.34	-81.21		
1.2 NNE POOLER		INLAND CHATHAM	2.02
32.13	-81.24		
5.0 SE BROOKLET		BULLOCH	1.58
32.32	-81.60		
6.3 ESE SYLVANIA		SCREVEN	1.52
32.71	-81.54		
MIDWAY		TATTNALL	4.35
32.03	-81.89		

REMARKS:

D. INLAND FLOODING...

TATTNALL COUNTY....HIGHWAY 292 IN MANASSAS FLOODED WITH A FOOT
OF WATER COVERING THE ROAD.

CHATHAM...SEVERAL ROADS FLOODED IN DOWNTOWN SAVANNAH.

BEAUFORT...MINOR FLOODING OF WILBURN ROAD IN HILTON HEAD
ISLAND.

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	1.10	6.97	20/0212	MINOR
CHATHAM	G FORT PULASKI	1.36	8.98	22/1730	MODERATE
LAW ENFORCEMENT ON TYBEE ISLAND REPORTED MODERATE BEACH EROSION. TIDE LEVELS ARE MLLW.					
BEAUFORT	FRIPP ISLAND	0.00	0.00	22/1825	MODERATE
FRIPP ISLAND FIRE DEPARTMENT REPORTS THEY LOST 5 TO 6 FEET OF BEACH AND HAD TO RELOCATE 2 SEA TURTLE NESTS.					
COLLETON	EDISTO BEACH	0.00	0.00	22/1830	MODERATE
EDISTO BEACH STATE PARK REPORTED A LOSS OF 10 FEET OF BEACH AND HAD TO RELOCATE 2 SEA TURTLE NESTS.					
BEAUFORT	HUNTING ISLAND	0.00	0.00	21/1700	MAJOR
3E DARIEN	MCINTOSH	1.76	9.05	21/1600	MINOR

F. TORNADOES...

(DIST) CITY/TOWN LAT LON (DEG DECIMAL) DESCRIPTION	COUNTY	DATE/ TIME (UTC)	EF SCALE (IF KNOWN)
REGISTER 32.36 -81.88	BULLOCH	22/1100	N/A
POSSIBLE TORNADO NEAR REGISTER REPORTED BY PUBLIC. NO CONFIRMATION.			
PULASKI 32.39 -81.96	CANDLER	22/1100	N/A

POSSIBLE TORNADO REPORTED BY THE PUBLIC NEAR PULASKI. NO
 CONFIRMATION.

G. STORM IMPACTS BY COUNTY...

COUNTY DESCRIPTION	DEATHS	INJURIES	EVACUATIONS

CHATHAM 0 0 0

MANY ROADS FLOODED. MANY TREES AND POWERLINES DOWN FOR EVENT.

MCINTOSH 0 0 0

MANY TREES AND POWERLINES DOWN ACROSS COUNTY FOR EVENT.

BEAUFORT 0 0 0

NUMEROUS TREES DOWN FOR EVENT.

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LEGEND:

I-INCOMPLETE DATA

E-ESTIMATED

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