

ACUS72 KCHS 300931 AAA
PSHCHS

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

LOCATION	ID	MIN	DATE/	MAX	DATE/	PEAK	DATE/
LAT	LON	PRES	TIME	SUST	TIME	GUST	TIME
DEG	DECIMAL	(MB)	(UTC)	(KT)	(UTC)	(KT)	(UTC)
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		

REMARKS:

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

CITY/TOWN	COUNTY	ID	RAINFALL
LAT LON			(IN)
DEG DECIMAL			
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
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.

I-INCOMPLETE DATA
E-ESTIMATED

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