

POST TROPICAL CYCLONE REPORT...TROPICAL STORM BERYL
 NATIONAL WEATHER SERVICE CHARLESTON SC
 1029 AM EDT FRI JUN 1 2012

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...OR WHEN SIGNIFICANT FLOODING ASSOCIATED WITH BERYL
 OR ITS REMNANTS WAS AFFECTING THE AREA.

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	1000.7	30/0826	140/023	30/0356	130/035	30/0456
KSAV-SAVANNAH INTL AIRPORT GA							
32.12	-80.20	1004.4	30/0453	140/027	29/1632	120/034	28/0337
KSVN-HUNTER ARMY AIR FIELD GA							
32.03	-81.15	1003.9	30/0155	090/026	28/0319	090/036	28/0319
KLHW-FORT STEWART GA							
31.88	-81.57	1004.4	30/0055	040/022	27/2300	040/031	27/1832
KHXD-HILTON HEAD AIRPORT SC							
32.22	-80.70			080/018	28/0338	050/030	27/1500
KCWV-CLAXTON GA							
32.20	-81.87			060/019	27/2100	060/030	27/2100

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)

FJXS1-FORT JOHNSON NERRS SC-DNR							
32.75	-79.90	1002.1	30/1012	320/029	30/1130	320/036	30/1130
PNOS1-PINOPOLIS ON LAKE MOULTRIE							
33.25	-80.03	998.3	30/0840	020/023	30/1010	360/028	30/0940
SAXG1-SAPELO ISLAND GA							
31.42	-81.29	1005.0	30/0045	040/025	27/1606	040/038	27/2206
SVNS1-SAVANNAH NATIONAL WILDLIFE REFUGE RAWLS SC							
32.10	-81.08			070/020	27/1523	080/032	27/2023
XXXX-PINEVILLE/LAKE MARION SC							
33.43	-80.15			010/021	30/0541	010/033	30/0531

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	1001.1	30/0900	140/030	30/0340	130/047	30/0143
41004-NDBC EDISTO BUOY							
32.50	-79.10	1001.1	30/0950	230/030	30/0940	160/057	30/0602
41008-NDBC GRAYS REEF BUOY							
31.40	-80.87	1005.7	30/0150	060/032	28/0130	060/041	28/0124
41033-CARO COOPS FRIPP NEARSHORE BUOY							
32.28	-80.41	1001.0	30/0700	060/023	27/1400	040/032	27/1600
41029-CARO COOPS CAPERS NEARSHORE BUOY							
32.81	-79.63	999.2	30/0900	050/023	27/0300	310/032	30/1200
FPKG1-FORT PULASKI NOAA/NOS SENSOR							
32.03	-80.90			080/035	28/0300	060/052	28/0300

REMARKS:

BUOY 41004 HAD A MAXIMUM WAVE HEIGHT OF 11.5 FEET 27/1950

BUOY 41008 HAD A MAXIMUM WAVE HEIGHT OF 10.8 FEET 28/0250

C. STORM TOTAL RAINFALL FROM 1200 UTC MAY 27 UNTIL 1200 UTC MAY 30

CITY/TOWN LAT LON DEG DECIMAL	COUNTY	ID	RAINFALL (IN)
1 SW GRAHAMVILLE 32.47 -80.97	JASPER		6.00
2.2 WSW RIDGELAND 32.46 -81.02	INLAND JASPER	SC-JS-06	4.88
NEVILS 32.26 -81.76	BULLOCH		4.00
METTER 32.40 -82.06	CANDLER		4.00
1.4 S ALLENDALE 32.98 -81.31	ALLENDALE	SC-AL-02	3.93
2.7 NE DARIEN 31.39 -81.40	COASTAL MCINTOSH	GA-MI-04	3.55
3.7 NW SUMMERVILLE 33.05 -80.22	DORCHESTER	SC-DC-05	3.54
4.2 NNE DARIEN 31.42 -81.40	COASTAL MCINTOSH	GA-MI-03	3.53
3.3 WNW SUMMERVILLE 33.03 -80.23	DORCHESTER	SC-DC-29	3.44
2.7 E LADSON 32.98 -80.11	CHARLESTON		3.24
1.6 SSW BRUNSON 32.90 -81.19	HAMPTON	SC-HM-02	3.08
3 N MARTIN 33.11 -81.48	ALLENDALE		3.00
1.3 SSE RIDGELAND 32.46 -80.97	INLAND JASPER	SC-JS-05	3.00
2.8 N BELLVILLE 32.19 -81.97	EVANS	GA-EV-01	2.98

REMARKS: THE HEAVIEST RAINFALL OCCURRED AFTER THE BERYL MOVED INLAND AND BECAME A TROPICAL DEPRESSION. RADAR ESTIMATES OF RAINFALL BETWEEN 5/29 AND 5/30 SHOW THAT JENKINS COUNTY...GEORGIA RECEIVED UP TO 5 TO 7 INCHES OF RAINFALL WITH LOCALLY HIGHER AMOUNTS POSSIBLE. A LARGER SWATH OF HEAVY RAINFALL WAS SHOWN BY RADAR AND SUPPORTED BY REPORTS OVER CENTRAL AND NORTHERN DORCHESTER COUNTY...SOUTH CAROLINA...WHERE 3 TO 5 INCHES OF RAINFALL FELL. FINALLY...A SMALLER AREA OF HEAVY RAINFALL WAS SHOWN BY RADAR AND SUPPORTED BY REPORTS OVER NORTH CENTRAL JASPER COUNTY...SOUTH CAROLINA.

D. INLAND FLOODING...

 JENKINS...WATER 3 FOOT ACROSS STATE ROAD 17 IN HERNDON. ADDITIONAL FLOODING ON 17 NEAR BIRDSVILLE ROAD.

CHARLESTON...ASHLEY AVENUE BETWEEN SUMTER STREET AND RACE STREET FLOODED AND IMPASSABLE.

DORCHESTER...WATER FLOODED INTO A RESIDENCE AT 129 BOWMAN STREET.

 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	2.00	6.82	27/0518	MINOR
BEAUFORT	G BEAUFORT	2.66	9.56	27/0642	MINOR
CHATHAM	G FORT PULASKI	2.93	8.52	28/0618	MINOR

REMARKS: SINCE MAXIMUM STORM SURGES DID NOT NECESSARILY COINCIDE WITH THE HIGHEST STORM TIDES...THE DATES AND TIMES LISTED WERE FOR THE STORM TIDE. THE STORM TIDE VALUES WERE RELATIVE TO MLLW. MODERATE BEACH EROSION WAS REPORTED FOR PORTIONS OF LIBERTY AND MCINTOSH COUNTIES IN GEORGIA.

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

CHATHAM 0 0 0

AT LEAST 20 PEOPLE RESCUED AS A RESULT OF RIP CURRENTS.

CHATHAM 0 0 0

48 RIP CURRENT RELATED RESCUES ON SATURDAY.

AMZ330 0 0 0

3 PEOPLE AND 1 DOG RESCUED FROM A SINKING BOAT IN THE CHARLESTON HARBOR BY THE USCG. THE BOAT WAS FLOODED DUE TO 4 FOOT SEAS IN THE HARBOR.

CHATHAM 0 0 0

MEASURED WIND GUST OF 51 MPH 1 N OF TYBEE ISLAND.

CHATHAM 0 0 0

MEASURED SUSTAINED WINDS OF 41 MPH WITH GUSTS TO 51 MPH 3 WNW FORT SCREVEN.

BEAUFORT 0 0 0

WIND GUST OF 46 MPH MEASURED 5WSW FOREST BEACH.

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LEGEND:
I-INCOMPLETE DATA
E-ESTIMATED

RM/PM/FA/BC