

POST TROPICAL CYCLONE REPORT...TROPICAL STORM FLORENCE...CORRECTED
NATIONAL WEATHER SERVICE CHARLESTON SC
1030 PM EST WED NOV 14 2018

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
FLORENCE

COUNTIES INCLUDED...CHARLESTON...BERKELEY...DORCHESTER...COLLETON...
BEAUFORT...CHATHAM...SCREVEN...BULLOCH

NOV 15...CORRECTED FOR...METAR OBS

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)	(DIR/KT)	(UTC)	(DIR/KT)	(UTC)

KCHS-CHARLESTON INTL AIRPORT-SC							
32.90	-80.04	998.7	15/0756	300/029	14/2310	290/046	14/2309
KSAV-SAVANNAH INTL AIRPORT-GA							
32.13	-81.20	1004.8	16/0753	300/024	15/2005	300/032	15/1439
KARW-BEAUFORT COUNTY AIRPORT-SC							
32.41	-80.63	1003.0	15/0835	290/023	15/0355	300/037	15/0235
KJZI-CHARLESTON EXECUTIVE AIRPORT-JOHNS ISLAND-SC							
32.70	-80.01	1000.0	15/0755	270/023	15/0155	270/034	15/0415

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)	(DIR/KT)	(UTC)	(DIR/KT)	(UTC)

XTYE-TYBEE ISLAND SOUTH-GA							
31.99	-80.85	1002.0	15/2037	I 300/026	15/1532	290/036	15/2037
				9/1			
PNOS1-PINOPOLIS/LAKE MOULTRIE-SC							
33.25	-80.03	993.9	15/0750	290/032	15/0510	I 310/041	15/0020
				21/-			

XSUL-SULLIVANS ISLAND-SC

32.77 -79.82 995.0 15/0815 300/023 14/2330 300/039 14/2330
13/1

XIOP-ISLE OF PALMS-SC

32.78 -79.79 997.0 15/0805 240/024 16/0015 290/034 15/0455
9/1

XCHA-CHARLESTON/BATTERY POINT-SC

32.76 -79.95 996.0 15/0810 280/024 15/0625 280/037 15/0625
9/1

XFOL-FOLLY BEACH PIER-SC

32.65 -79.94 997.0 15/0749 230/028 15/2329 260/038 15/0154
13/1

XBUF-BEAUFORT-SC

32.34 -80.59 1000.0 15/0832 320/019 14/1707 290/034 15/1832
10/1

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) (DIR/KT) (UTC) (DIR/KT) (UTC)

FPKG1-FORT PULASKI NOS TIDE GAGE-GA

32.03 -80.90 1005.1 15/2048 300/027 15/1554 310/036 15/1924
7/-

XSUM-FT. SUMTER/CHARLESTON HARBOR

32.75 -79.87 997.0 15/0811 320/036 14/2336 320/048 14/2336
12/-

41004-NDBC EDISTO BUOY

32.50 -79.10 1000.0 15/0720 240/039 15/0224 240/047 15/0450
04/1

41029-CARO COOPS CAPERS NEARSHORE BUOY-CAP2

32.81 -79.63 997.0 15/0808 280/029 15/0408 280/044 15/0408
3/-

REMARKS:

C. STORM TOTAL RAINFALL FROM 1200 UTC SEP 14 UNTIL 1200 UTC SEP 17

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

7 NE MCCLELLANVILLE CHARLESTON SRES1 7.57
33.15 -79.36

MCCLELLANVILLE CHARLESTON SC-CR-10 6.13
33.08 -79.46

JAMESTOWN BERKELEY JAMS1 5.18
33.28 -79.70

1 ESE MCCLELLANVILLE 33.08 -79.46	CHARLESTON	SC-CR-33	4.98
ST. STEPHEN 33.40 -79.92	BERKELEY	SC-BK-59	4.67
5 NNW HUGER 33.16 -79.83	BERKELEY	WTHS1	4.43
PINEVILLE 33.42 -80.03	BERKELEY	SC-BK-29	4.30
9 NNE SUMMERVILLE 33.11 -80.10	BERKELEY	SC-BK-30	3.62
3 NE MONCK'S CORNER 33.23 -79.97	BERKELEY	SC-BK-14	3.35

REMARKS:

D. INLAND FLOODING...

THERE WERE NO SIGNIFICANT INLAND FLOODING IMPACTS REPORTED. HOWEVER,
THE SANTEE RIVER NEAR JAMESTOWN REACHED MINOR FLOOD STAGE LATE AT
NIGHT ON SEPTEMBER 15. BERKELEY...

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	1.50	1.44	13/0730	NONE
CHATHAM	G FORT PULSASKI	1.65	1.48	13/2024	NONE

REMARKS: THE DATE AND TIMES ABOVE CORRESPOND TO THE PEAK STORM
SURGE. THE PEAK STORM TIDES OCCURRED AT DIFFERENT TIMES THAN THE
PEAK STORM SURGES. AT CHARLESTON, SC, THE STORM TIDE LISTED ABOVE
OF 1.44 FT MEAN HIGHER HIGH WATER /MHHW/ OR 7.2 FT MEAN LOWER LOW
WATER /MLLW/ OCCURRED AT 1142 UTC ON SEPTEMBER 12. AT FORT PULASKI,
GA THE PEAK STORM TIDE OF 1.48 MHHW OR 8.98 MLLW OCCURRED AT 0218
UTC ON SEPTEMBER 12. NOTE: BOTH CHARLESTON AND FORT PULASKI HAD
HIGHER STORM TIDES ON SEPTEMBER 10 OF 7.54 FT MLLW /1.78 MHHW/
AND 9.44 FT MLLW /1.94 FT MHHW/ RESPECTIVELY, BUT IT WAS UNCERTAIN
WHETHER THESE TIDES WERE DIRECTLY IMPACTED BY THE PRESENCE
OF FLORENCE.

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

CHARLESTON 0 0

SC HIGHWAY PATROL REPORTED A TREE DOWN NEAR THE INTERSECTION OF LEMON ROAD AND ESTATES DRIVE. A FEW TREES WERE BLOWN DOWN BY THE STRONG WINDS ACROSS THE COUNTY.

BERKELEY 0 0

A FEW TREES WERE BLOWN DOWN BY THE STRONG WINDS ACROSS THE COUNTY. ONE TREE WAS BLOCKING THE INTERSECTION OF ROUTE 17A AND TURTLE POND ROAD AND A LARGE TREE WAS BLOWN OVER ONTO A HOUSE IN GOOSE CREEK.

DORCHESTER 0 0

A FEW TREES WERE BLOWN DOWN BY THE STRONG WINDS ACROSS THE COUNTY. SOME WERE DOWN ACROSS INTERSTATE 26 AND BLOCKING THE HIGHWAY. ONE TREE WAS BLOWN DOWN ONTO A HOUSE IN SUMMERVILLE.

COLLETON 0 0

A FEW TREES WERE BLOWN DOWN BY THE STRONG WINDS ACROSS THE COUNTY.

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LEGEND:
I-INCOMPLETE DATA
E-ESTIMATED

NWS CHARLESTON