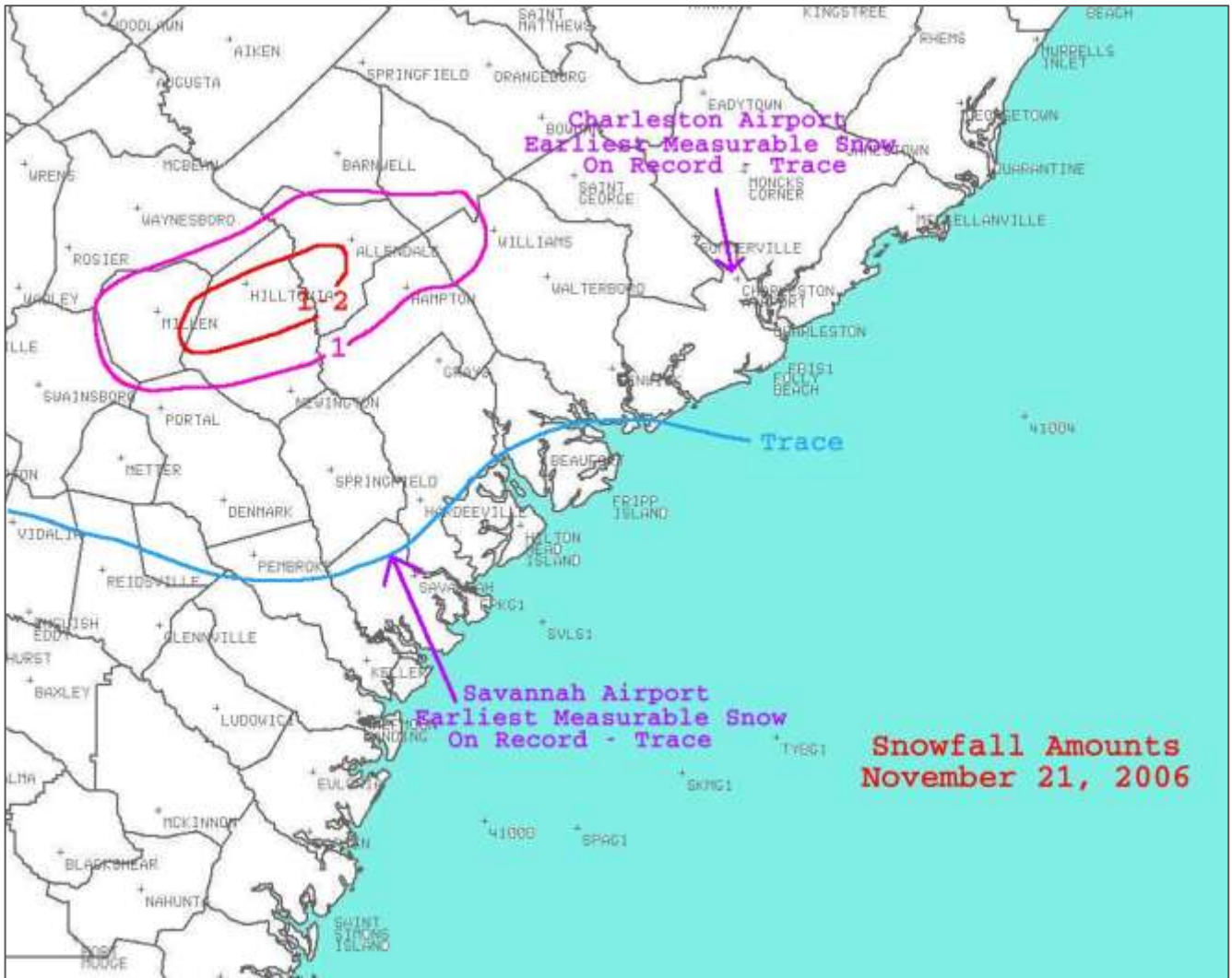


Record Snowfall

November 21st, 2006



Event Summary

PUBLIC INFORMATION STATEMENT...FINAL SUMMARY
NATIONAL WEATHER SERVICE CHARLESTON SC
419 PM EST WED NOV 22 2006

...MAJOR COASTAL STORM IMPACTS THE SOUTHEAST COAST...
...EARLIEST MEASURABLE SNOWFALL RECORDED AT THE CHARLESTON AND
SAVANNAH AIRPORTS...
...THUNDER SNOW REPORTED FOR THE FIRST TIME AT THE CHARLESTON
AIRPORT...
...SNOWS OF 1-2 INCHES REPORTED WELL INLAND...

A MAJOR AND HIGHLY UNUSUAL COASTAL STORM DEVELOPED OFF THE SOUTHEAST
COAST OF THE UNITED STATES MONDAY NIGHT INTO TUESDAY. THE STORM
BROUGHT A VARIETY OF WEATHER AND IMPACTS TO THE REGION. BELOW IS A
BRIEF SUMMARY OF THOSE IMPACTS.

...SNOW...
SLEET AND SNOW WAS OBSERVED ACROSS MUCH OF SOUTHERN SOUTH CAROLINA
AND SOUTHEAST GEORGIA ON TUESDAY. THUNDER SNOW WAS REPORTED IN SOME
AREAS...MAINLY AROUND THE CHARLESTON METRO AREA DURING THE MORNING
HOURS. THUNDER SNOW IS A RARE EVENT NO MATTER WHERE IN THE UNITED
STATES YOU ARE...AND IT HAS NEVER BEEN REPORTED AT THE CHARLESTON
AIRPORT UNTIL YESTERDAY. SOME LOCATIONS IN THE CHARLESTON METRO AREA
AS WELL AS SOUTHEAST SOUTH CAROLINA SAW A DUSTING OF SNOW...MAINLY
ON ROOF TOPS AND GRASSY AREAS. HOWEVER SNOWS OF 1-2 INCHES WERE
REPORTED IN THE FAR INTERIOR AREAS...MAINLY FROM JENKINS COUNTY
GEORGIA EXTENDING NORTHEAST THROUGH NORTHERN COLLETON COUNTY SOUTH
CAROLINA.

STORM SNOWFALL TOTALS...
MILLEN GA..... 1 TO 2 INCHES
LAWTON GA..... 1 INCH
SYLVANIA GA..... 1 INCH
BUTTS GA..... 1 INCH
LODGE SC..... 1 INCH
MARTIN SC..... 1 INCH
HILLTONIA GA..... 1 INCH
SMOAKS SC..... 1/2 TO 1 INCH
SCARBORO GA..... 1/2 INCH
DANIEL ISLAND SC... TRACE TO 1/2 INCH
CYLO GA..... TRACE
MONCKS CORNER..... TRACE
AWENDAW SC..... TRACE
CHARLESTON SC..... TRACE
SAVANNAH GA..... TRACE

A PRELIMINARY GRAPHIC OF THESE TOTALS CAN BE FOUND ON THE INTERNET
AT WEATHER.GOV/CHS. CLICK ON THE NOVEMBER 21 2006 SNOWFALL TOTALS
MAP LINK FOUND UNDER THE TOP NEWS OF THE DAY SECTION.

...SNOW RECORDS...
THE CHARLESTON INTERNATIONAL AIRPORT RECORDED A TRACE OF SNOWFALL ON
TUESDAY WHICH ACCORDING TO NATIONAL CLIMATIC DATA CENTER RECORDS
BACK TO 1930 IS THE EARLIEST WINTER SEASON CALENDAR DATE ON WHICH

SNOW HAS BEEN REPORTED. PREVIOUSLY...THE EARLIEST WINTER SEASON DATE ON WHICH SNOW WAS RECORDED WAS NOVEMBER 25...WHEN A TRACE OF SNOWFALL WAS RECORDED ON THAT DATE IN 1950.

ONE NOTE IS THAT FROZEN PRECIPITATION WAS REPORTED AT CHARLESTON INTERNATIONAL AIRPORT IN THE FORM OF ICE PELLETS...COMMONLY KNOWN AS SLEET...ON NOVEMBER 5 1995...ALSO AMOUNTING TO A TRACE.

SAVANNAH INTERNATIONAL AIRPORT RECORDED A TRACE OF SNOWFALL TUESDAY AFTERNOON WHICH ACCORDING TO NATIONAL CLIMATIC DATA CENTER RECORDS BACK TO 1950 IS THE EARLIEST WINTER SEASON CALENDAR DATE ON WHICH SNOW HAS BEEN REPORTED. PREVIOUSLY...THE EARLIEST WINTER SEASON DATE ON WHICH SNOW WAS RECORDED WAS NOVEMBER 24...WHEN A TRACE OF SNOWFALL WAS RECORDED ON THAT DATE IN 1950.

...HIGH SURF/BEACH EROSION...

LARGE BACK SWELL GENERATED BY THE COASTAL STORM PRODUCED HIGH SURF ALONG THE BEACHES OF SOUTH COASTAL SOUTH CAROLINA AND NORTH COASTAL GEORGIA. MODERATE TO LOCALLY SEVERE BEACH EROSION WAS REPORTED IN AREAS...PARTICULARLY ALONG THE BEACHES OF SOUTH COASTAL SOUTH CAROLINA INCLUDING HUNTING ISLAND...FOLLY BEACH...ISLE OF PALMS...WILD DUNES AND SULLIVANS ISLAND.

...WIND DAMAGE/POWER OUTAGES...

HIGH WINDS KNOCKED DOWN POWER LINES DURING THE DAY TUESDAY RESULTING IN A NUMBER OF POWER OUTAGES UP AND DOWN THE SOUTH CAROLINA COAST. POWER COMPANIES REPORTED OUTAGES LASTING FROM TENS OF MINUTES TO SEVERAL HOURS IN SOME COMMUNITIES. THERE HAVE NOT BEEN ANY REPORTS OF WIND DAMAGE OR POWER OUTAGES ACROSS SOUTHEAST GEORGIA.

OBSERVED PEAK WIND GUSTS...

...SOUTHEAST SOUTH CAROLINA...

FOLLY BEACH CITY HALL.....	44 MPH
FOLLY BEACH C-MAN.....	44 MPH
CHARLESTON WATERFRONT PARK.....	44 MPH
ISLE OF PALMS.....	44 MPH
CHARLESTON AIRPORT /KCHS/.....	40 MPH
HILTON HEAD ISLAND.....	39 MPH
PINEVILLE.....	37 MPH
EDISTO BEACH.....	35 MPH
CHARLESTON WCIV TV.....	36 MPH
GOOSE CREEK.....	32 MPH
SUMMERVILLE.....	30 MPH
MONCKS CORNER.....	29 MPH
SAVANNAH NATIONAL WILDLIFE REFUGE..	25 MPH
HARLEYVILLE-RIDGEVILLE	23 MPH

...SOUTHEAST GEORGIA...

TYBEE ISLAND.....	37 MPH
SAVANNAH AIRPORT/KSAV/.....	31 MPH
STATESBORO.....	30 MPH
SPRINGFIELD.....	29 MPH
FORT STEWART.....	24 MPH
NEWINGTON.....	22 MPH
METTER /RAWS/.....	20 MPH

...MARINE OBSERVATIONS...

BUOY 41004/EDISTO 40NM BUOY/..... 52 KT OR 60 MPH

TOWER R8 /SABSOON TYBG1/..... 52 KT OR 60 MPH +
CAPERS MID-SHELF BUOY..... 51 KT OR 59 MPH
TOWER R2 /SABSOON SPAG1/..... 49 KT OR 56 MPH ++
BUOY 41008/GRAYS REEF/..... 47 KT OR 54 MPH
CAPERS NEARSHORE BUOY..... 37 KT OR 43 MPH
FRIPP NEARSHORE BUOY..... 37 KT OR 43 MPH

+ OBSERVATION TAKEN AT 50 METER ELEVATION

++ OBSERVATION TAKEN AT 34 METER ELEVATION

THE NATIONAL WEATHER SERVICE IN CHARLESTON WISHES TO THANK THE
CHARLESTON...SAVANNAH AND AUGUSTA BROADCAST MEDIA...OUR NATIONAL
WEATHER SERVICE SPOTTERS...AS WELL AS THE VARIOUS LAW ENFORCEMENT
AGENCIES ACROSS THE REGION FOR THEIR HELP WITH THIS STORM.

IF YOU HAVE ANY PICTURES OF SNOW...OR WANT TO REPORT MEASURABLE SNOW
AMOUNTS...PLEASE EMAIL THE NATIONAL WEATHER SERVICE IN CHARLESTON AT
CHS.SKYWARN@NOAA.GOV. REPORTS AND PICTURES OF WIND DAMAGE...BEACH
EROSION OR HIGH SURF ARE ALSO WELCOME AND VERY MUCH APPRECIATED.

\$\$

Photos

Daniel Island, SC (photographer: Tammy Bryant)

