

ACUS72 KILM 072125
PSHILM

POST TROPICAL CYCLONE REPORT...HURRICANE ARTHUR
NATIONAL WEATHER SERVICE WILMINGTON NC
522 PM EDT MON JUL 7 2014

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 ARTHUR
OR ITS REMNANTS WAS AFFECTING THE AREA.

COUNTIES INCLUDED...NEW HANOVER...PENDER...BRUNSWICK...HORRY...
GEORGETOWN

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)

KILM-WILMINGTON NC

34.27 -77.90 999.6 03/2353 350/037 03/2345 360/051 03/2344

KCRE-NORTH MYRTLE BEACH SC

33.81 -78.72 1004.1 03/2053 010/022 03/1813 090/037 03/1518

KSUT-SOUTHPORT NC

33.93 -78.08 996.3 03/2255 I 340/029 05/1855 I 350/041 03/2235 I

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)

BACK ISLAND-RAWS

34.53 -77.72 350/020 04/0118 330/039 04/0318
6.1/6

NORTH TOPSAIL BEACH-MARKER 3

34.36 -77.64 996.6 04/0013 360/036 04/0114 360/052 04/0114

UNK

WILMINGTON-KINGS GRANT

34.26 -77.87 998.0 03/2348 320/017 04/0049 070/031 03/2310
9

SURF CITY - TURTLE COVE

34.42 -77.55 995.9 04/0035 080/023 03/2345 340/033 04/0155
UNK

WRIGHTSVILLE BEACH-STONE ST

34.21 -77.80 995.9 03/2348 020/033 03/2233 320/040 04/0036
UNK

WILMINGTON-STATE PORT

34.20 -78.00 1000.3 03/2301 280/031 04/0129 260/043 04/0117
UNK

CAROLINA BEACH ST. JOSEPH ST

34.05 -77.89 995.3 03/2303 270/024 03/2032 260/036 03/2002
UNK

SUNNY POINT MILITARY TERMINAL

34.00 -77.96 996.6 03/2218 090/022 03/2018 090/051 03/2018
UNK

BALD HEAD ISLAND WEST BEACH

33.87 -78.01 998.0 03/2018 I 090/025 03/2018 I 090/040 03/2018 I
UNK

SOUTHPORT - CAPE FEAR PILOTS

33.92 -78.02 995.6 03/2232 090/041 03/2003 055/058 03/1932
20

ST. JAMES - NC 211

33.96 -78.09 315/023 04/0030 360/033 03/2315
UNK

LITTLE RIVER - HIDDEN LAKES

33.89 -78.70 1003.0 03/2047 360/022 03/1927 360/028 03/2002
UNK

MASONBORO ISLAND

34.16 -77.85 050/029 03/2245 050/043 03/2245
UNK

REMARKS: BALD HEAD ISLAND SENSOR STOPPED REPORTING ON JULY 3 AT 2018
UTC.

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)

JMPN7-JOHNKY MERCER PIER WRIGHTSVILLE BEACH NC
 34.21 -77.79 996.1 03/2336 040/040 03/2230 020/054 03/2324
 15/06

41038-BUOY 5 MILES SOUTHEAST OF WRIGHTSVILLE BEACH
 34.10 -77.70 993.4 04/0000 050/033 03/2300 320/045 03/2200
 03/60

41024-SUNSET NEARSHORE BUOY
 33.85 -78.49 1002.5 03/2000 080/025 03/1600 050/035 03/1800
 03/60

MROS1-SPRINGMAID PIER
 33.66 -78.92 1004.3 03/1954 340/023 03/1900 350/032 03/1842
 10.2/06

OCPN7-OCEAN CREST PIER
 33.90 -78.10 996.4 03/2232 310/034 03/2347 070/043 031932
 12.2

REMARKS:

C. STORM TOTAL RAINFALL FROM UTC JUL 03 UNTIL UTC JUL 04

CITY/TOWN LAT LON DEG DECIMAL	COUNTY	ID	RAINFALL (IN)
0.5 N ST. JAMES 33.94 -78.10	BRUNSWICK		4.53
0.7 W OAK ISLAND 33.91 -78.17	BRUNSWICK	NCBR30	4.37
1.3 ENE BAYSHORE 34.29 -77.77	NEW HANOVER	NCNH31	4.10
4.1 SE WILMINGTON 34.18 -77.89	NEW HANOVER	NCNH25	3.94
1.9 W ST. JAMES 33.93 -78.14	BRUNSWICK	NCBR55	3.92
4.1 SE WILMINGTON 34.18 -77.89	NEW HANOVER	NCNH16	3.91
2.3 SE WILMINGTON 34.20 -77.92	NEW HANOVER	NCNH35	3.88
WILMINGTON ASOS 34.27 -77.90	NEW HANOVER	KILM	3.75
5.8 WNW SOUTHPORT 33.95 -78.11	BRUNSWICK	NCBR26	3.68
5.9 W SOUTHPORT	BRUNSWICK	NCBR13	3.55

33.92 -78.12

1.0 NE SOUTHPORT 33.93 -78.01	BRUNSWICK	NCBR14	3.49
2.5 NW CASTLE HAYNE 34.38 -77.93	PENDER	NCPD10	3.40
2.0 NNW SURF CITY 34.45 -77.56	PENDER	SURN7	3.34
0.3 NW HAMPSTEAD 34.36 -77.72	PENDER	NCPD17	3.28
2.2 SSE SHALLOTTE 33.94 -78.38	BRUNSWICK		3.07

REMARKS:

D. INLAND FLOODING...

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
NEW HANOVER	G WRIGHTSVILLE BE	2.60	4.89	03/2218	NONE
NEW HANOVER	G WILMINGTON DOWN	1.23	4.93	03/1918	NONE
HORRY	G SPRINGMAID PIER	2.05	6.13	03/1818	NONE

REMARKS: HIGHEST STORM SURGE AND STORM TIDE DID NOT OCCUR AT THE SAME TIME AT WRIGHTSVILLE BEACH AND SPRINGMAID PIER DUE TO ONSET OF LOW TIDE. TIMES LISTED ARE FOR TIME OF HIGHEST STORM SURGE.

F. TORNADES...

(DIST) CITY/TOWN LAT LON (DEG DECIMAL DESCRIPTION	COUNTY	DATE/ TIME (UTC)	EF SCALE (IF KNOWN)
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G. STORM IMPACTS BY COUNTY...

COUNTY DESCRIPTION	DEATHS	INJURIES	EVACUATIONS
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Legend:

I-Incomplete Data

E-Estimated

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