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ACUS72 KJAX 150935
PSHJAX

POST TROPICAL CYCLONE REPORT...TROPICAL STORM ELSA
NATIONAL WEATHER SERVICE JACKSONVILLE FL
535 AM EDT THU JUL 15 2021

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 ELSA
OR ITS REMNANTS WAS AFFECTING THE AREA.

COUNTIES INCLUDED...ALACHUA...APPLING...ATKINSON...BACON...BAKER...
BRADFORD...BRANTLEY...CAMDEN...CHARLTON...CLAY...CLINCH...COFFEE...
COLUMBIA...DUVAL...ECHOLS...FLAGLER...GILCHRIST...GLYNN...
HAMILTON...JEFF DAVIS...MARION...NASSAU...PIERCE...PUTNAM...
ST JOHNS...SUWANNEE...UNION...WARE...WAYNE

JUL 15...UPDATED FOR...UPDATED TO INCLUDE WATER LEVEL DATA

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)

KJAX-JACKSONVILLE INTERNATIONAL AIRPORT FL

30.49 -81.69 1010.5 150/024 07/2108 110/037 07/2059

KCRG-CRAIG MUNICIPAL AIRPORT FL

30.33 -81.52 1011.5 150/025 07/2019 150/035 07/2017

KGNV-GAINESVILLE REGIONAL AIRPORT FL

29.68 -82.27 1012.2 110/024 07/1550 170/038 07/1701

KAMG-BACON COUNTY AIRPORT GA

31.54 -82.50 1006.8 170/023 07/1559 160/037 07/1559

KSSI-ST. SIMONS/MALCOLM MCKINNON AIRPORT GA

31.15 -81.38 1010.5 150/031 07/2345 140/044 07/2338

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)

XHUP-HUGUENOT PARK

30.42 -81.41 1010 07/2143 145/042 07/2143 148/047 07/2143
12.2

XTRM-TERMINAL CHANNEL DOWNTOWN JACKSONVILLE

30.34 -81.63 1011 07/2211 225/030 07/2113 205/040 07/2105
9.1

XJEK-JEKYLL ISLAND GA

31.05 -81.41 1007 07/2309 170/042 07/2332 150/050 07/2319
10.4

XJAK-BUCK ISLAND

30.39 -81.48 1010 07/2331 140/033 07/2121 140/038 07/2121
10.4

XHSE-WEATHERFLOW CRESCENT BEACH SUMMERHOUSE

29.72 -81.23 145/025 07/1916 145/033 07/1916

XLWS-WEATHERFLOW LEWIS ST. JOHNS

29.92 -81.32 135/023 07/1919 120/031 07/1933

BRNG1-ST SIMONS ISLAND VILLAGE PIER GA

31.13 -81.40 I 140/039 07/2330 I

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)

SAUF1-CMAN STATION SAINT AUGUSTINE FL							
29.86	-81.26	1013		140/030	07/1930	140/044	07/1925
MYPF1-NOS STATION MAYPORT FL							
30.40	-81.43	1012		130/023	07/2012	160/033	07/2142
FRDF1-NOS STATION FERNANDINA BEACH FL							
30.67	-81.47	1010.8		150/021	07/2154	150/033	07/2154

REMARKS:

C. STORM TOTAL RAINFALL FROM 0400 UTC JUL 07 UNTIL 0400 UTC JUL 08

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

5 SE ALACHUA	ALACHUA		7.20
29.73 -82.42			
4 SW BOYS ESTATE	GLYNN		6.58
31.28 -81.53			
8 W GAINESVILLE	ALACHUA		6.51
29.66 -82.46			
6 S HIGH SPRINGS	ALACHUA		5.99
29.74 -82.61			
4 WSW KINGSLAND	CAMDEN		5.95
30.77 -81.73			
3 NW UNIVERSITY OF FLOR	ALACHUA		5.86
29.67 -82.39			
2 WNW ALACHUA	ALACHUA		5.81
29.79 -82.51			
3 W OLENO STATE PARK	COLUMBIA		4.68
29.92 -82.61			
1 NNE GAINESVILLE AIRPOR	ALACHUA	KGNV	4.67
29.70 -82.27			
1 NNE ST SIMONS ISLAND	GLYNN	KSSI	4.43
31.15 -81.39			

3 E SUNNYSIDE 31.24 -82.29	PIERCE		4.35
5 ENE WEST LAKE 30.53 -83.04	HAMILTON		4.34
9 W KINGSLAND 30.81 -81.81	CAMDEN		4.23
2 E LAKE GENEVA 29.77 -81.98	CLAY		4.11
4 WNW LAKE BUTLER 30.04 -82.39	UNION		4.09
2 NE ICHETUCKNEE SPRING 29.98 -82.75	COLUMBIA		3.94
2 NE NEW RIVER 29.98 -82.24	BRADFORD		3.71
1 NNW WOODBINE 30.97 -81.73	CAMDEN		3.60
5 ESE SUWANNEE RIVER ST 30.38 -83.08	SUWANNEE		3.55
3 ESE SANDERSON 30.24 -82.22	BAKER		3.52
3 SE YULEE 30.61 -81.54	NASSAU		3.49
6 SSW HIGH SPRINGS 29.74 -82.62	ALACHUA		3.30
7 SE TAYLOR 30.36 -82.23	BAKER		3.09
11 NNW STEVEN FOSTER ST 30.98 -82.40	CHARLTON		3.02
4 ENE BELMONT 30.51 -82.67	COLUMBIA		3.02
5 N JACKSONVILLE INTERNA 30.56 -81.71	DUVAL	KJAX	2.66

4 SSW FORT CAROLINE
30.34 -81.51

DUVAL

KCRG

2.22

D. INLAND FLOODING...

E. MAXIMUM OBSERVED WATER LEVEL (WL)...

ID	CITY/TOWN OR LOCATION	COUNTY	STATE	WL (FT)	DATUM	DATE/ TIME	SOURCE
FRDF1 30.6717	FERNANDINA BEAC -81.4650	NASSAU	FL	0.47	MHHW	08/0000	NOS
MYPF1 30.3917	ST JOHNS RIVER -81.4300	DUVAL	FL	0.57	MHHW	08/0006	NOS
DMSF1 30.3867	ST JOHNS RIVER -81.5583	DUVAL	FL	0.90	MHHW	08/0036	NOS
MSBF1 30.3200	ST JOHNS RIVER -81.6583	DUVAL	FL	0.96	MHHW	08/0124	NOS
BKBF1 30.1924	ST JOHNS RIVER -81.6889	PUTNAM	FL	0.87	MHHW	08/0206	NOS

REMARKS: UPDATED 7/15/2021 TO INCLUDE WATER LEVELS

F. TORNADOES...

(DIST)CITY/TOWN LAT LON (DEG DECIMAL) DESCRIPTION	COUNTY	DATE/ TIME(UTC)	EF SCALE (IF KNOWN)
1 NNE SAINT MARYS 30.77 -81.55	CAMDEN	7/2144	EF1 I

NATIONAL WEATHER SERVICE DAMAGE SURVEY FOUND THAT THE TORNADO INITIALLY TOUCHED DOWN ALONG EAST ST. MARYS STREET, OR JUST NORTH OF THE ST. MARYS RIVER, WHERE TREE TRUNKS WERE SNAPPED. THE SURVEY FOUND THAT THE TORNADO THEN STRENGTHENED TO ITS PEAK EF-1 INTENSITY, PRODUCING SIGNIFICANT DAMAGE TO RESIDENCES ALONG EAST CONYERS AND NORRIS STREETS IN ST. MARYS BEFORE PIVOTING NORTH-NORTHWESTWARD, PRODUCING FURTHER EF-1 DAMAGE TO HOMES AND APARTMENTS ALONG POINT PETER ROAD. THE TORNADO REACHED ITS MAXIMUM WIDTH AT THE EAGLE

HAMMOCK RV PARK, WHEN THE TORNADO WAS AT EF-1 INTENSITY. THERE WERE MULTIPLE RECREATIONAL VEHICLES FLIPPED OVER, WITH TWO COMPLETELY FLIPPED UPSIDE DOWN. ONE RV WAS FLIPPED AND BLOWN ABOUT 200 FEET INTO A LAKE NORTH OF THE RV PARK ALONG WITH A PICKUP TRUCK. SEVERAL HARDWOOD TREES AT THE PARK WERE ALSO SNAPPED. THERE WAS DEBRIS FROM THE RVS SCATTERED THROUGHOUT THE RV PARK AREA.

4 S ARLINGTON DUVAL 7/2049 EF1 I
30.28 -81.61

NWS DAMAGE SURVEY FOUND THAT THE TORNADO INITIALLY TOUCHED DOWN ALONG SAN ARDO DRIVE, JUST NORTHEAST OF BEAUCLERC AREA OF DUVAL COUNTY, WHERE LARGE TREE BRANCHES WERE SNAPPED, WITH DAMAGE TO RESIDENCES NOTED NEAR GOODBY'S CREEK. THE TORNADO CONTINUED ON A NORTHWARD PATH THROUGH THE SAN JOSE AREA OF DUVAL COUNTY, WITH EF-1 DAMAGE NOTED ALONG OLD KINGS ROAD SOUTH AND POWERS AVENUE, OR JUST WEST OF BAKER-SKINNER PARK, WHERE SEVERAL TREES WERE COMPLETELY UPROOTED. ONE LARGE PINE TREE WAS SNAPPED AND FELL OVER A DECK AT THE HERON WALK APARTMENT COMPLEX. THE TORNADO REACHED ITS PEAK INTENSITY AND WIDTH AS IT CROSSED PHILIPS HIGHWAY AND MOVED ALONG BOWDENDALE AVENUE, WHERE SIGNIFICANT DAMAGE WAS NOTED TO SEVERAL INDUSTRIAL BUILDINGS, INCLUDING METAL SIDING BEING COMPLETELY RIPPED OFF OF BUILDINGS AS WELL AS ROOFS BEING PEELED BACK, WITH THIS DEBRIS BEING LOFTED TO THE TOP OF A NEARBY RADIO ANTENNA TOWER. THE TORNADO CROSSED INTERSTATE 95 NEAR THE BOWDEN ROAD INTERCHANGE, WITH LARGE TREE BRANCHES SNAPPED AND MORE ROOF DAMAGE NOTED ALONG SPRING PARK ROAD. THE TORNADO THEN WEAKENED AS IT IMPACTED UNIVERSITY CHRISTIAN SCHOOL AND THEN JUST NORTHEAST OF ENGLEWOOD HIGH SCHOOL, WHERE TREE BRANCHES WERE SNAPPED ALONG DARYL ROAD.

5 SSE COLUMBIA COLUMBIA 7/1130 EF0 -
30.01 -82.67

TREE FELL ONTO HOUSE NEAR STATE ROAD 47 AND RAVEN LANE DUE TO THE PASSAGE OF AN EF0 TORNADO.

G. STORM IMPACTS BY COUNTY...

COUNTY	DEATHS	INJURIES	EVACUATIONS
DESCRIPTION			

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LEGEND:
I-INCOMPLETE DATA
E-ESTIMATED

NWS JAX