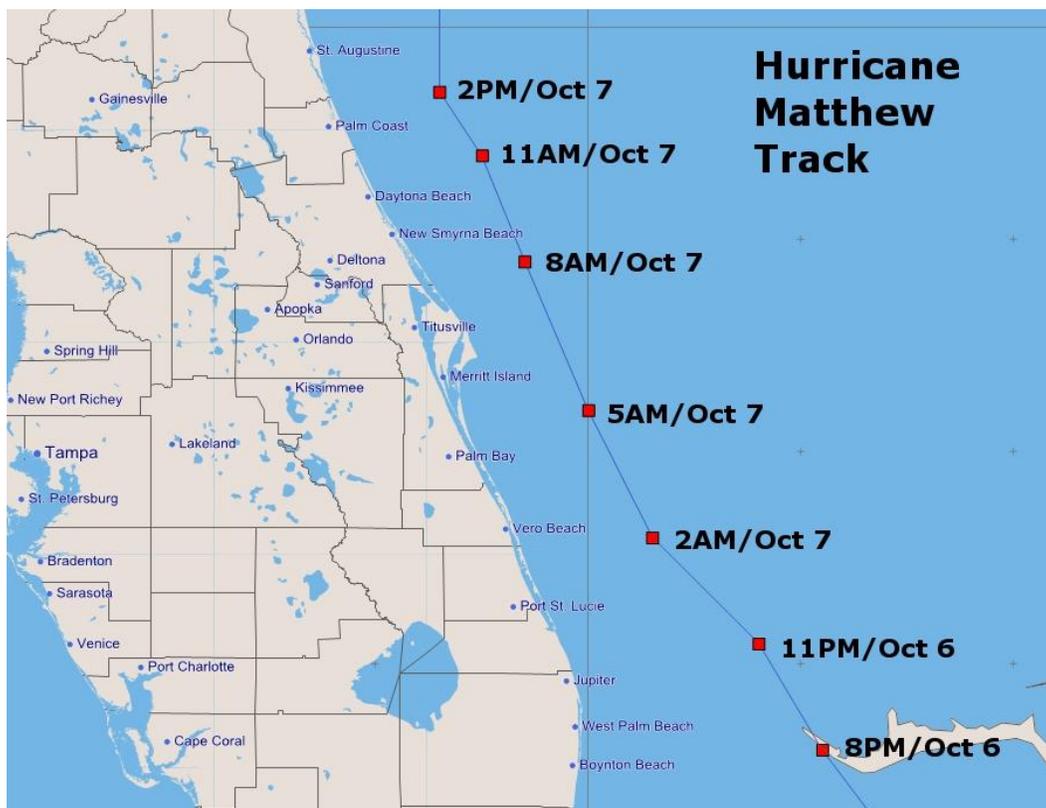
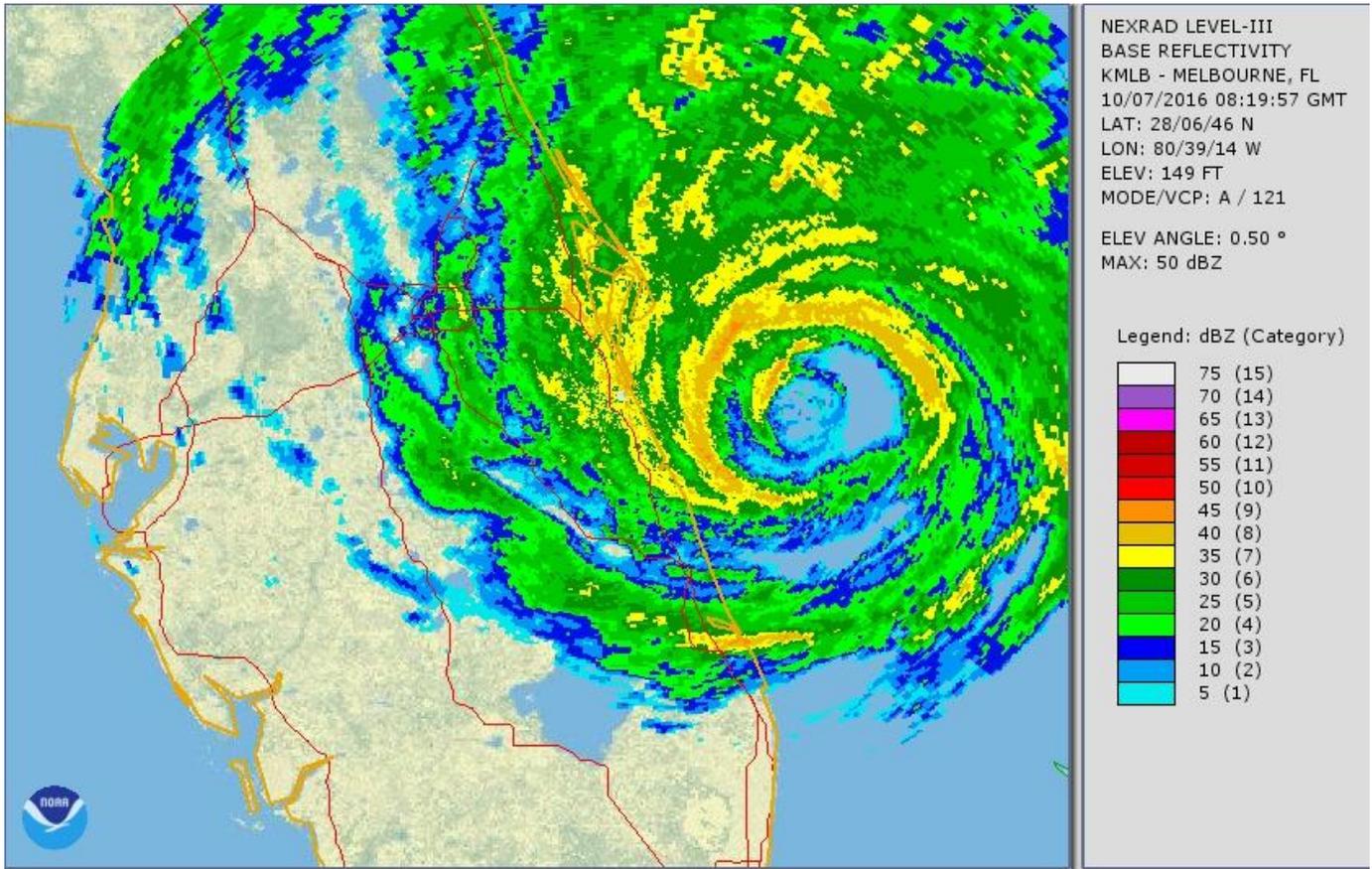
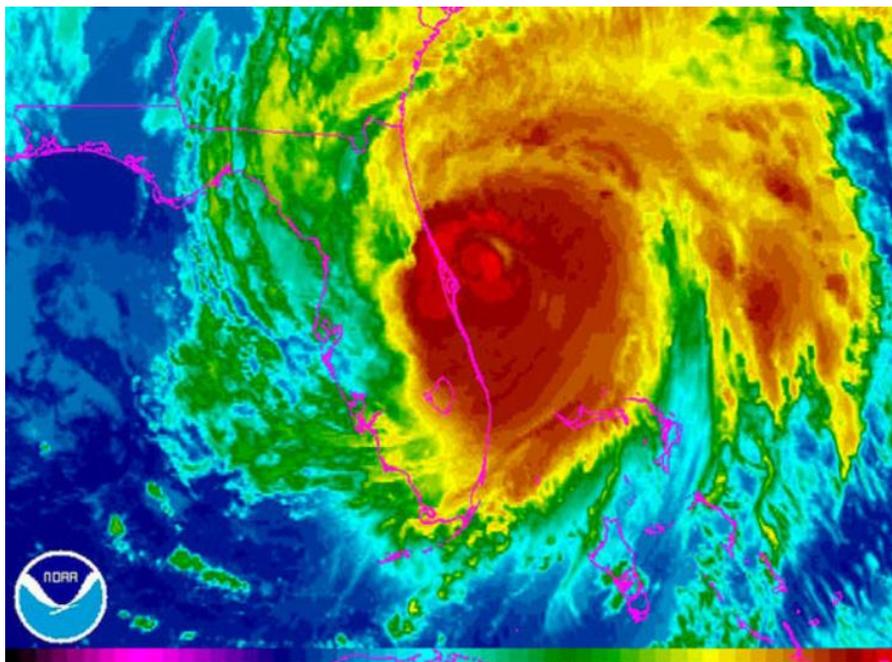
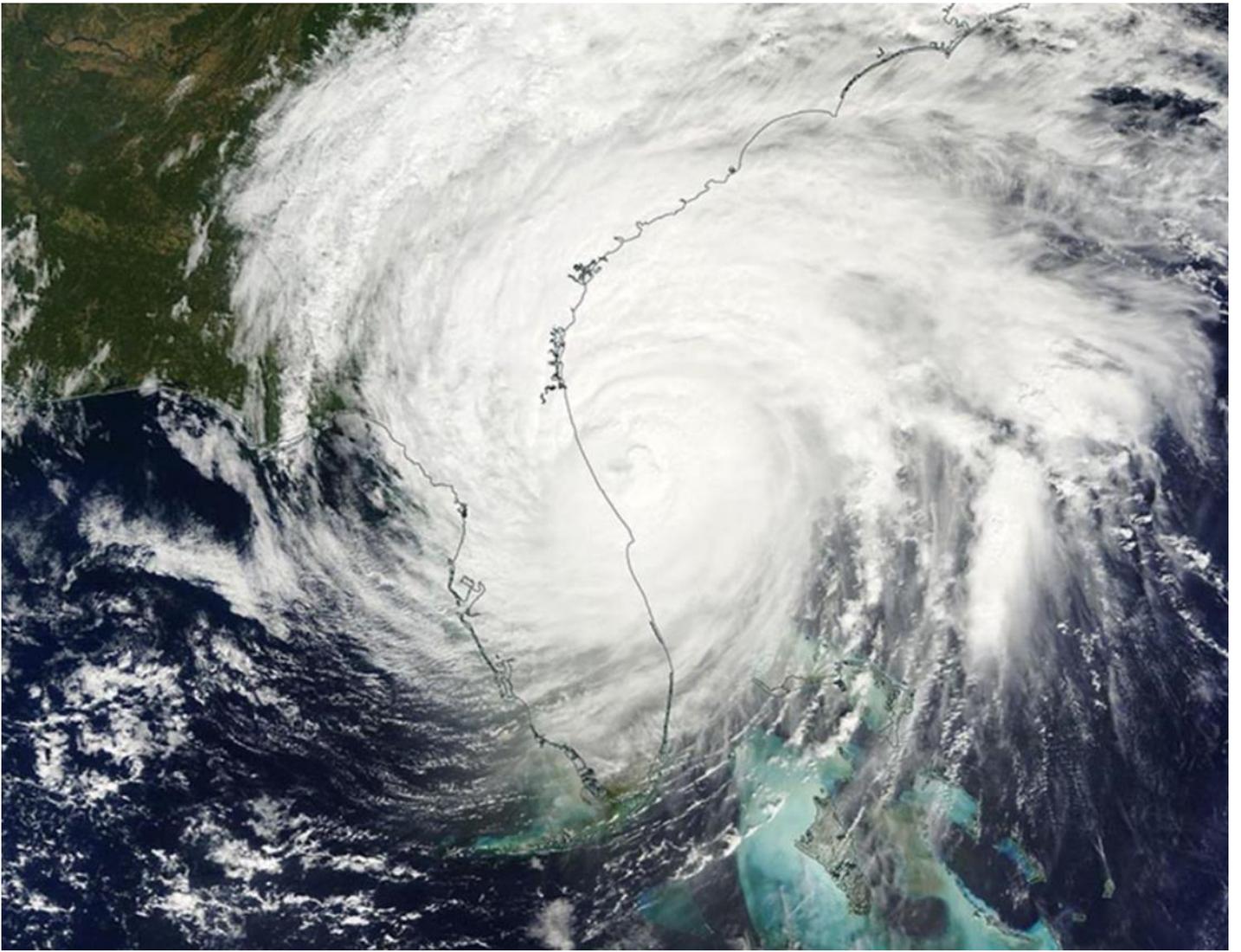
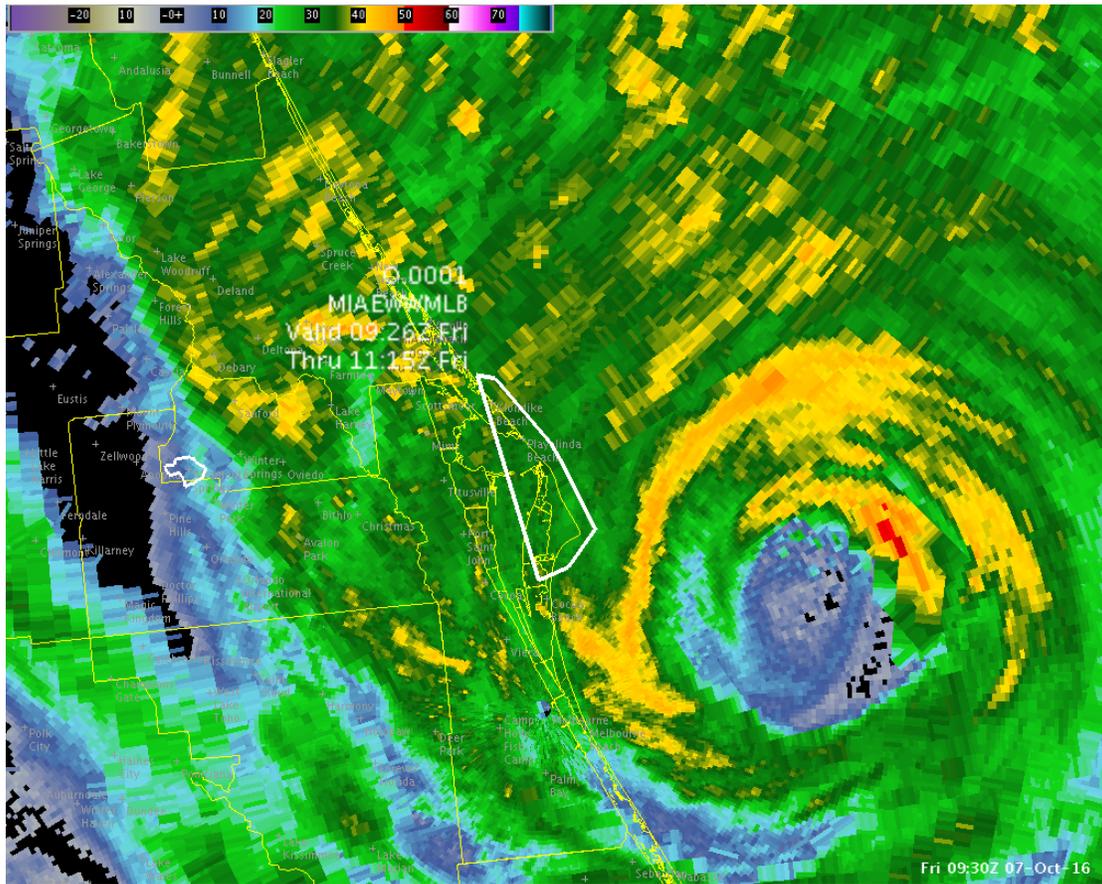


# Hurricane Matthew

## Oct 6-7, 2016







## Extreme Wind Warning – 526 AM to 715 AM October 7<sup>th</sup>, 2016 for western eyewall impacting northern Brevard county.

EWMLB

FLC009-071115-

/O.NEW.KMLB.EW.W.0001.161007T0926Z-161007T1115Z/

BULLETIN - EAS ACTIVATION REQUESTED

EXTREME WIND WARNING

NATIONAL WEATHER SERVICE MELBOURNE FL

526 AM EDT FRI OCT 7 2016

THE NATIONAL WEATHER SERVICE IN MELBOURNE HAS ISSUED A

\* EXTREME WIND WARNING FOR...

NORTHEASTERN BREVARD COUNTY IN FLORIDA...

\* UNTIL 715 AM EDT

\* AT 521 AM EDT...SURFACE OBSERVATIONS AND DOPPLER RADAR INDICATED

EXTREME WINDS... ASSOCIATED WITH THE EYEWALL OF HURRICANE MATTHEW

WERE ABOUT TO MOVE ONSHORE CAPE CANAVERAL INCLUDING PORT CANAVERAL  
AND MOVING NORTH-NORTHWEST AT 15 MPH. THIS IS AN EXTREMELY  
DANGEROUS AND LIFE-THREATENING SITUATION!

PRECAUTIONARY/PREPAREDNESS ACTIONS...

FREQUENT DESTRUCTIVE WIND GUSTS TO AROUND 115 MPH WILL SPREAD ACROSS  
THE CAPE CANAVERAL AREA...PRODUCING SWATHS OF TORNADO-LIKE DAMAGE.  
A WIND GUST OF 100 MPH WAS RECENTLY RECORDED AT THE TIP OF CAPE  
CANAVERAL.

&&

LAT...LON 2839 8056 2837 8063 2879 8072 2878 8068  
2864 8057 2860 8055 2846 8049

TIME...MOT...LOC 0921Z 255DEG 12KT 2849 8049 2819 8045

\$\$

CRISTALDI

## Impact Pictures



Cocoa Beach



Satellite Beach







Ormond-By-The-Sea



Daytona Beach



Port Orange

POST TROPICAL CYCLONE REPORT...HURRICANE MATTHEW...UPDATED  
 NATIONAL WEATHER SERVICE MELBOURNE FL  
 400 PM EDT FRI OCT 21 2016

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 MATHEW  
 OR ITS REMNANTS WAS AFFECTING THE AREA.

COUNTIES INCLUDED...VOLUSIA...LAKE...SEMINOLE...ORANGE...BREVARD...  
 OSCEOLA...INDIAN RIVER...SAINT LUCIE...MARTIN...OKEECHOBEE.

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	LO	PRES	TIME	SUST	TIME	GUST	TIME
DEG	DECIMAL	(MB)	(UTC)	(KT)	(UTC)	(KT)	(UTC)
-----							
KDAB - DAYTONA BEACH INTERNATIONAL AIRPORT*							
29.18	-81.05	974.3	07/1537	020/045	07/1045	360/062	07/1211
KFPR - TREASURE COAST INTERNATIONAL AIRPORT							
27.49	-80.36	982.7	07/0711	280/039	07/0715	310/059	07/0513
KLEE - LEESBURG INTERNATIONAL AIRPORT							
28.82	-81.80	995.9	07/1550	290/027	07/1825	290/042	07/1829

KMLB - MELBOURNE INTERNATIONAL AIRPORT  
28.10 -80.64 980.0 07/0937 350/046 07/0646 330/061 07/0757

KMCO - ORLANDO INTERNATIONAL AIRPORT  
28.42 -81.31 991.5 07/1058 270/040 07/1444 270/053 07/1444

KORL - ORLANDO EXECUTIVE AIRPORT  
28.54 -81.33 991.5 07/1229 280/036 07/1521 270/050 07/1632

KSFB - ORLANDO SANFORD INTERNATIONAL AIRPORT  
28.77 -81.24 987.1 07/1508 280/041 07/1512 280/055 07/1423

KVRB - VERO BEACH MUNICIPAL AIRPORT  
27.65 -80.41 980.7 07/0725 310/048 07/0650 280/064 07/0751

KOBE - OKEECHOBEE COUNTY AIRPORT  
27.26 -80.85 994.2 07/0615 250/027 07/1115 250/034 07/1155

KSUA - WITHAM FIELD AIRPORT IN STUART  
27.18 -80.22 985.1 07/0615 270/036 07/0615 270/053 07/0635

KISM - KISSIMMEE GATEWAY AIRPORT  
28.29 -81.43 994.2 07/1056 300/031 07/1330 290/038 07/1330

KDED - DELAND MUNICIPAL AIRPORT  
29.06 -81.28 984.7 07/1655 300/036 07/1415 320/054 07/1355

REMARKS: DAYTONA BEACH ASOS (KDAB) STOPPED TRANSMITTING AFTER 1537 UTC.  
DATA FROM PATRICK AIR FORCE BASE (KCOF), SPACE COAST REGIONAL AIRPORT  
IN TITUSVILLE (KTIX), CAPE CANAVERAL AIR FORCE SKID STRIP (KXMR), AND  
THE SHUTTLE LANDING FACILITY (KTTS) WERE UNAVAILABLE.

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)
-----							
KSC3	- USAF TOWER 3						
28.46	-80.53			330/067	07/1020	340/093	07/1020
KSC22	- USAF TOWER 22						
28.80	-80.74			350/066	07/1215	330/093	07/1255
KSC110	- USAF TOWER 110						
28.57	-80.59			330/064	07/1205	330/093	07/1120
KSC19	- USAF TOWER 19						
28.74	-80.70			350/068	07/1150	350/091	07/1145
KSC108	- USAF TOWER 108						
28.54	-80.57			340/060	07/1050	330/090	07/1130
KSC313	- USAF TOWER 313						
28.63	-80.66			330/055	07/1140	330/090	07/1140
KSC403	- USAF TOWER 403						
28.46	-80.59			340/054	07/1040	350/088	07/1025
KSC311	- USAF TOWER 311						
28.60	-80.64			330/050	07/1135	330/085	07/1135

KSC421 - USAF TOWER 421					
28.78 -80.80	270/058	07/1440	255/083	07/1505	
C1819 - SATELLITE BEACH					
28.20 -80.60	360/060	07/0808	360/076	07/0808	
KFLDAYTO14 - WEATHERSTEM DAYTONA BEACH (EMBRY RIDDLE)					
29.19 -81.05	350/062	07/1527	010/073	07/1421	
XNSB - WEATHERFLOW NEW SMYRNA BEACH					
29.04 -80.90	010/061	07/1202	360/072	07/1303	
XCCB - WEATHERFLOW MERRITT ISLAND (BANANA RIVER AT SR520)					
28.36 -80.65	340/055	07/0919	340/070	07/0927	
XCCO - WEATHERFLOW COCOA BEACH PIER					
28.37 -80.60	350/052	07/0845	320/067	07/1049	
XPAR - WEATHERFLOW TITUSVILLE (PARRISH PARK NORTH)					
28.63 -80.81	350/050	07/1110	360/065	07/1105	
XRPT - WEATHERFLOW MALABAR (ROCKY POINT)					
27.98 -80.55	360/052	07/0648	360/063	07/0648	
XJEN - WEATHERFLOW JENSEN BEACH					
27.22 -80.20	340/045	07/0400	350/063	07/0315	
XDAI - WEATHERFLOW MELBOURNE (DAIRY ROAD)					
28.04 -80.64	340/038	07/0747	330/062	07/0727	
XMER - WEATHERFLOW MERRITT ISLAND (BANANA RIVER AT SR528)					
28.40 -80.66	305/037	07/1130	300/060	07/1145	
XSTL - WEATHERFLOW JENSEN BEACH (ST. LUCIE POWER PLANT)					
27.35 -80.24	010/050	07/0207	320/058	07/0504	
XCOA - WEATHERFLOW COCOA BEACH CLUB					
28.31 -80.63	240/043	07/1245	330/056	07/0941	
XVER - WEATHERFLOW VERO BEACH (CITY HALL)					
27.63 -80.39	340/035	07/0459	330/057	07/0555	
XAQU - WEATHERFLOW MELBOURNE BEACH (AQUARINA R&D LAB)					
27.94 -80.49	330/035	07/0749	350/053	07/0748	
XHOB - WEATHERFLOW HOBE SOUND					
27.05 -80.17	280/037	07/0529	300/050	07/0406	
KFLVEROB58 - WEATHERSTEM VERO BEACH (DODGERTOWN ELEMENTARY)					
27.67 -80.43	290/040	07/0802	340/047	07/0721	
KFLSTUAR26 - WEATHERSTEM STUART (SOUTH FORK HIGH)					
27.08 -80.25	MMM/MMM	MM/MMMM	350/044	07/0500	
XSPR - WEATHERFLOW ALTAMONTE SPRINGS (SPRING LAKE)					
28.66 -81.41	330/033	07/1221	320/041	07/1113	
XRDY - WEATHERFLOW HORIZON WEST (REEDY LAKE)					
28.44 -81.63	310/031	07/1326	360/039	07/0925	

REMARKS: UNITED STATES AIR FORCE (USAF) WIND TOWER ANEMOMETER HEIGHT OF 54 FEET (16.5 M) WITH 5-MINUTE AVERAGING PERIOD FOR SUSTAINED WINDS.

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)
BUOY 41009							
28.52 -80.19		975.4	07/0820	040/056	07/0820	050/068	07/0816
TRDF1 - PORT CANAVERAL (TRIDENT PIER)							
28.42 -80.59		973.5	07/1100	340/045	07/0942	350/063	07/0918

REMARKS: BUOY 41009 DATA TRANSMISSION CEASED AT 0820 UTC.

C. STORM TOTAL RAINFALL FROM 1200 UTC OCT 06 UNTIL 1200 UTC OCT 08

CITY/TOWN	COUNTY	ID	RAINFALL
LAT LON			(IN)
DEG DECIMAL			
SANFORD (COOP)	SEMINOLE	SFNF1	8.99
28.81 -81.28			
SANFORD (AIRPORT ASOS)	SEMINOLE	KSFB	7.89
28.78 -81.24			
OAK HILL (COCORAHS)	VOLUSIA	FL-VL-38	7.75
28.86 -80.87			
SANFORD (COCORAHS)	SEMINOLE	FL-SM-18	7.07
28.80 -81.31			
DELAND (COCORAHS)	VOLUSIA	FL-VL-9	6.61
29.10 -81.36			
TITUSVILLE (COOP)	BREVARD	TITF1	6.50
28.62 -80.82			
DE LEON SPRINGS (COCORAHS)	VOLUSIA	FL-VL-35	6.32
29.17 -81.26			
PALM BAY (COCORAHS)	BREVARD	FL-BV-1	5.74
27.95 -80.64			
DAYTONA SHORES (COCORAHS)	VOLUSIA	FL-VL-42	5.65
29.15 -80.97			
ORMOND BEACH (COCORAHS)	VOLUSIA	FL-VL-5	5.53
29.27 -81.05			
OVIEDO (COCORAHS)	SEMINOLE	FL-SM-12	5.43
28.66 -81.25			
MOUNT PLYMOUTH (COCORAHS)	LAKE	FL-LK-5	5.22
28.80 -81.54			
DELAND (COOP)	VOLUSIA	DELF1	5.20
29.20 -81.01			

CHULUOTA (COCORAHS) 28.65 -81.12	SEMINOLE	FL-SM-8	4.86
MELBOURNE BEACH (COOP) 28.05 -80.55	BREVARD	TSUF1	4.66
VERO BEACH (COOP) 27.65 -80.40	INDIAN RIVER	VRBF1	4.51
ORLANDO (COCORAHS) 28.57 -81.39	ORANGE	FL-OR-27	4.44
SEBASTIAN (COCORAHS) 27.76 -80.47	INDIAN RIVER	FL-IR-22	4.18
VERO BEACH (COCORAHS) 27.64 -80.45	INDIAN RIVER	FL-IR-24	4.02
CLERMONT (COOP) 28.46 -81.72	LAKE	CLRF1	4.01
WINTER GARDEN (COCORAHS) 28.50 -81.65	ORANGE	FL-OR-20	3.96
UNION PARK (COCORAHS) 28.52 -81.23	ORANGE	FL-OR-1	3.90
FORT PIERCE (COCORAHS) 27.55 -80.40	ST. LUCIE	FL-SL-30	3.82
MELBOURNE (COOP) 28.11 -80.65	BREVARD	MLBF1	3.80
ASTATULA (COCORAHS) 28.71 -81.72	LAKE	FL-LK-25	3.80
STUART (COCORAHS) 27.13 -80.21	MARTIN	FL-MT-7	3.75
PALM SHORES (COCORAHS) 28.19 -80.68	BREVARD	FL-BV-2	3.74
FORT PIERCE (AIRPORT ASOS) 27.30 -80.23	ST. LUCIE	KFPR	3.62
MERRITT ISLAND (COCORAHS) 28.37 -80.66	BREVARD	FL-BV-54	3.62
COCOA (COCORAHS) 28.40 -80.79	BREVARD	FL-BV-23	3.62
MELBOURNE (AIRPORT ASOS) 28.06 -80.39	BREVARD	KMLB	3.59
GROVELAND (COCORAHS) 28.57 -81.82	LAKE	FL-LK-3	3.58
FORT PIERCE (COOP) 27.46 -80.35	ST. LUCIE	FPCF1	3.50
VERO BEACH (AIRPORT ASOS) 27.39 -80.25	INDIAN RIVER	KVRB	3.43

PORT ST. LUCIE (COCORAHS) 27.31 -80.36	ST. LUCIE	FL-SL-22	3.31
ORLANDO EXEC (AIRPORT ASOS) 28.55 -81.33	ORANGE	KORL	2.87
PALM CITY (COCORAHS) 27.12 -80.32	MARTIN	FL-MT-1	2.83
PORT SALERNO (COOP) 27.10 -80.26	MARTIN	PTSF1	2.68
ROCKLEDGE (COCORAHS) 28.31 -80.74	BREVARD	FL-BV-13	2.54
LISBON (COOP) 28.87 -81.78	LAKE	LSBF1	2.43
LADY LAKE (COCORAHS) 28.89 -81.94	LAKE	FL-LK-16	1.99
KISSIMMEE (COCORAHS) 28.19 -81.49	OSCOELA	FL-OS-22	1.93
ORLANDO INTL (AIRPORT ASOS) 28.42 -81.32	ORANGE	KMCO	1.90
POINCIANA PLACE (COCORAHS) 28.19 -81.50	OSCEOLA	FL-OS-1	1.65
LEESBURG (AIRPORT ASOS) 28.82 -81.81	LAKE	KLEE	1.64
OKEECHOBEE (COCORAHS) 27.47 -80.98	OKEECHOBEE	FL-OB-5	1.63
KISSIMMEE (COOP) 28.28 -81.42	OSCEOLA	KSSF1	1.45

REMARKS: NWS ASOS SITES LABELED WITH 4-LETTER ID. NWS COOPERATIVE SITE IDS END WITH F1. COCORAHS (COMMUNITY COLLABORATIVE RAIN, HAIL, AND SNOW NETWORK) SITES BEGIN WITH FL- ID.

#### D. INLAND FLOODING...

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HEAVY RAINFALL ASSOCIATED WITH MATTHEW RESULTED IN AREAS OF INLAND FLOODING, ESPECIALLY ACROSS PARTS OF VOLUSIA AND SEMINOLE COUNTIES WHERE UP TO 7 TO 9 INCHES OF RAINFALL OCCURRED. THE MAIN FLOODING IMPACTS WERE WIDESPREAD FLOODING OF STREETS AND LOW LYING AREAS.

THE ST. JOHNS RIVER EXPERIENCED MINOR FLOODING NEAR ASTOR AND CRESTED AT 3.49 FEET WEDNESDAY AFTERNOON, OCTOBER 12. RIVER LEVEL RISES WERE INITIALLY ASSOCIATED WITH A STRONG NORTHERLY WIND COMPONENT IMPEDING THE DOWNSTREAM FLOW OF THE WATER.

RISES TO ACTION STAGE OCCURRED ALONG THE ST. JOHNS RIVER NEAR DELAND AND ABOVE LAKE HARNEY, BUT FLOOD STAGE WAS NOT REACHED AT THOSE LOCATIONS.

#### 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
BREVARD	G TRIDENT PIER	2.76	*5.69	07/0548	MODERATE
BREVARD	G TRIDENT PIER	3.92	5.57	07/0818	MODERATE
BREVARD	G TRIDENT PIER	4.09	5.34	07/0912	MODERATE

\*HIGHEST WATER LEVEL AT TRIDENT PIER BASED ON PRELIMINARY WATER LEVEL DATA DURING HURRICANE MATTHEW. SURGE LEVEL (FT) IS MEASURED TIDE LEVEL MINUS PREDICTED.

\*A NATIONAL WEATHER SERVICE TEAM CONDUCTED A DAMAGE AND STORM SURGE SURVEY ACROSS BREVARD AND VOLUSIA COUNTIES. INFORMATION ABOUT THEIR FINDINGS CAN BE FOUND IN SECTION G.

F. TORNADOES...

(DIST) CITY/TOWN LAT LON (DEG DECIMAL) DESCRIPTION	COUNTY	DATE/ TIME (UTC)	EF SCALE (IF KNOWN)
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NO TORNADOES WERE REPORTED.

G. STORM IMPACTS BY COUNTY...

COUNTY DESCRIPTION	DEATHS	INJURIES	EVACUATIONS
-----------------------	--------	----------	-------------

BREVARD	0	1	
---------	---	---	--

STORM SURGE FLOODING ESTIMATED BETWEEN 3 TO 4 FEET ABOVE GROUND LEVEL ALONG THE IMMEDIATE SHORELINE BASED ON A NWS STORM SURGE SURVEY. HIGH WATER LEVELS, WAVE RUN UP, AND LARGE BREAKING WAVES LED TO MAJOR BEACH EROSION, EXTENSIVE ESCARPMENT OF DUNES, AND DAMAGE TO NUMEROUS PEDESTRIAN CROSSOVERS ALONG THE COASTLINE. THE FOUNDATIONS OF SEVERAL BEACHFRONT PROPERTIES BETWEEN SATELLITE BEACH AND MELBOURNE BEACH WERE COMPROMISED DUE TO EXTENSIVE DAMAGE TO DUNES AND BERMS. PRELIMINARY DAMAGE ESTIMATES INDICATE AN ECONOMIC LOSS OF \$25 MILLION DUE TO COASTAL EROSION. WATER LEVEL RISES ALONG THE INDIAN RIVER LAGOON AND BANANA RIVER WERE ESTIMATED BETWEEN 1 TO 2 FEET DUE TO WIND-DRIVEN WATER AND WAVE PILING.

STRUCTURAL DAMAGE TO HOMES AND BUSINESSES DUE TO WIND WERE CONFINED MAINLY TO THE BARRIER ISLANDS AS WELL AS THOSE PROPERTIES EXPOSED TO LARGER BODIES OF WATER. DAMAGE WAS GENERALLY COMPRISED OF ROOF SHINGLES, SOFFITS, AWNINGS, AND POOL ENCLOSURES. FURTHER INLAND, PROPERTY DAMAGE WAS MAINLY A RESULT OF FALLEN TREES, ESPECIALLY TO OLDER BUILDINGS AND MOBILE HOMES NEAR WOODED AREAS. SEVERAL HOMES WITH WATER INTRUSION DUE TO DAMAGED ROOFS. TWO HOMES LOST TO FIRE AS OFFICIALS SUSPENDED EMERGENCY SERVICES DURING THE HEIGHT OF THE STORM. SPORADIC COUNTYWIDE DAMAGE TO FENCES, AWNINGS, AND SCREEN ROOMS. AN INITIAL PROPERTY DAMAGE ASSESSMENT INDICATES 958 PROPERTIES AFFECTED IN SOME WAY, 426 WITH MINOR DAMAGE, 211 WITH MAJOR DAMAGE, AND 17 STRUCTURES DESTROYED. ABOUT 227,000 CUSTOMERS WERE WITHOUT POWER AT THE HEIGHT OF THE STORM, OR ABOUT 75 PERCENT OF THE COUNTY.

ONE DIRECT INJURY. A MALE IN HIS 40S WAS INJURED IN PORT CANAVERAL WHEN A SIGN FELL AND STRUCK HIM DURING THE STORM. DAMAGE TO BUSINESSES AND HOMES MAINLY AS A RESULT OF FALLEN TREES.

MANDATORY EVACUATIONS WERE ORDERED FOR ALL OF THE BARRIER ISLANDS, INCLUDING MERRITT ISLAND, AS WELL AS LOW-LYING AREAS, RV PARKS, AND MOBILE HOMES ACROSS THE REMAINDER OF THE COUNTY.

INDIAN RIVER                   0                   0  
NO DEATHS OR INJURIES. PRELIMINARY BEACH DAMAGE ASSESSMENT DETAILS MAJOR DUNE AND BERM EROSION ALONG WITH SIGNIFICANT DAMAGE TO PEDESTRIAN CROSSWALKS WITHIN COUNTY OWNED BEACH PARKS WITH AN ESTIMATED ECONOMIC LOSS OF \$13.0 MILLION. HOMES DAMAGED MAINLY BY FALLEN TREES. PRELIMINARY PROPERTY DAMAGE ASSESSMENT INDICATES 3 HOMES DESTROYED, 15 WITH MAJOR DAMAGE, 7 WITH MINOR DAMAGE, AND 7 AFFECTED IN SOME WAY. TOTAL DAMAGES ESTIMATED AT \$15.8 MILLION.

LAKE                            0                   0  
NO DEATHS OR INJURIES. MINOR URBAN...ROADWAY...AND LOWLAND FLOODING. THE ST. JOHNS RIVER NEAR ASTOR PEAKED JUST BELOW MODERATE FLOOD STAGE. MINOR DAMAGE TO FOUR HOMES WITH MAJOR DAMAGE TO THREE CAUSED MAINLY BY FALLING BRANCHES AND TREES. EARLY PROPERTY DAMAGE ASSESSMENT OF APPROXIMATELY \$389 THOUSAND.

MARTIN                         0                   1  
ONE INDIRECT INJURY. A 47-YEAR-OLD MALE WAS ELECTROCUTED WHEN HIS TOOLS HIT A LIVE POWER LINE WHILE TRIMMING TREES IN STUART AFTER THE STORM ON MONDAY OCTOBER 10 AROUND 8:15 AM. MINOR TO MODERATE BEACH EROSION DUE TO AN ESTIMATED 2 FOOT STORM SURGE AND SIGNIFICANT WAVE RUN UP TO DUNES AND BERMS. MINOR DAMAGE TO HOMES MAINLY AS A RESULT OF FALLEN TREES. ISOLATED DAMAGE TO FENCES...AWNINGS...AND SCREEN ROOMS. PROPERTY DAMAGE ASSESSMENT NOT YET AVAILABLE. APPROXIMATELY 45,000 CUSTOMERS WITHOUT POWER, OR ABOUT 50% OF THE COUNTY, DURING THE HEIGHT OF THE STORM.

OKEECHOBEE                   0                   0  
NO DEATHS OR INJURIES. MINOR ROOF DAMAGE TO ONE HOME. UP TO 2300 CUSTOMERS WITHOUT POWER AT HEIGHT OF STORM.

ORANGE                         1                   0  
ONE DEATH INDIRECTLY RELATED TO HURRICANE MATTHEW. A 70-YEAR-OLD WOMAN DIED AFTER HER MEDICAL DEVICE FAILED DURING A POWER OUTAGE. PROPERTY DAMAGE ASSESSMENT NOT YET AVAILABLE FROM OFFICIALS.

OSCEOLA                       0                   0  
NO DEATHS OR INJURIES. NO REPORTS OF STRUCTURAL DAMAGE OR FLOODING. MINOR DAMAGE MAINLY TO TREES AND VEGETATION. UP TO 5900 CUSTOMERS WERE WITHOUT POWER AT THE HEIGHT OF THE STORM.

SEMINOLE                      1                   0  
ONE DEATH DIRECTLY ATTRIBUTABLE TO HURRICANE MATTHEW. AN 86-YEAR-OLD MALE IN CASSELBERRY WAS STRUCK BY A DOOR THAT SWUNG OPEN DURING THE STORM. HE LATER DIED AT A NEARBY HOSPITAL. MINOR URBAN, ROADWAY, LOWLAND, AND RIVER FLOODING. INITIAL DAMAGE ASSESSMENTS INDICATES 631 PROPERTIES AFFECTED IN SOME WAY, 17 WITH MAJOR DAMAGE, AND 93 WITH MINOR DAMAGE. DAMAGE TO BUSINESSES AND RESIDENCES MAINLY BY FALLING BRANCHES AND TREES. INITIAL PROPERTY DAMAGE ESTIMATED \$15 MILLION. UP TO 70,000 CUSTOMERS WITHOUT POWER AT THE HEIGHT OF THE STORM.

ST. LUCIE                     2                   2  
TWO INDIRECT DEATHS AND TWO INDIRECT INJURIES. A 58-YEAR-OLD INDIAN

RIVER ESTATES WOMAN DIED OF A HEART ATTACK AND A PORT ST. LUCIE MAN IN HIS 80S DIED AFTER SUFFERING BREATHING PROBLEMS AND SYMPTOMS OF A STROKE AS FIRE OFFICIALS SUSPENDED EMERGENCY SERVICES DURING THE HURRICANE. A 90-YEAR-OLD MALE AND FEMALE WERE FOUND UNCONSCIOUS IN THEIR PORT ST. LUCIE HOME AFTER OFFICIALS DISCOVERED THEY WERE RUNNING A GAS GENERATOR IN THEIR GARAGE. MODERATE TO MAJOR BEACH EROSION DUE TO AN ESTIMATED 2 TO 3 FOOT STORM SURGE, ROUGH SURF, AND WAVE RUN UP. DAMAGE CONFINED MAINLY TO TREES...POWER LINES...AND SIGNAGE THROUGH THE COUNTY. PROPERTY DAMAGE ASSESSMENT NOT YET AVAILABLE FROM OFFICIALS.

VOLUSIA

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SIGNIFICANT STORM SURGE FLOODING WITH NWS SURVEY ESTIMATING STORM SURGE HEIGHTS OF 4 TO 6 FEET ABOVE GROUND LEVEL ALONG THE IMMEDIATE SHORELINE WITH THE GREATEST INUNDATION ACROSS NORTHERN PORTIONS OF THE COUNTY. HIGH WATER LEVELS, WAVE RUN UP, AND LARGE BREAKING WAVES LED TO MAJOR BEACH EROSION, EXTENSIVE ESCARPMENT OF DUNES, AND DESTRUCTION OF PEDESTRIAN CROSSOVERS ALONG THE ENTIRE COASTLINE. IN ORMOND BY THE SEA, SURGING WATERS ERODED MUCH OF THE PROTECTIVE BARRIER ALONG A1A AND LED TO THE COLLAPSE OF SEVERAL SECTIONS OF THE HIGHWAY. BEACH EROSION DAMAGE ESTIMATES FROM THE COUNTY ARE NOT AVAILABLE AT THIS TIME. WATER LEVEL RISES ALONG THE HALIFAX RIVER WERE ESTIMATED BETWEEN 2 TO 3 FEET AND 1 TO 2 FEET ALONG MOSQUITO LAGOON DUE TO WIND-DRIVEN WATER AND WAVE PILING.

STRUCTURAL DAMAGE TO HOMES AND BUSINESSES DUE TO WIND WERE MAINLY CONFINED TO THE BARRIER ISLANDS AS WELL AS THOSE PROPERTIES EXPOSED TO LARGER BODIES OF WATER. DAMAGE TO THE ROOFS OF OLDER BUILDINGS WAS MORE NOTABLE THAN NEWER CONSTRUCTION, WHERE DAMAGE WAS GENERALLY CONFINED TO ROOF SHINGLES, SOFFITS, AWNINGS, AND POOL ENCLOSURES. FURTHER INLAND, PROPERTY DAMAGE WAS MAINLY A RESULT OF FALLEN TREES, ESPECIALLY TO OLDER BUILDINGS AND MOBILE HOMES WITHIN DENSELY WOODED AREAS. A SURVEY CONDUCTED BY THE COUNTY PROPERTY APPRAISER INDICATES DAMAGE TO HOMES AND BUSINESS THROUGHOUT THE COUNTY WITH OVER 6400 PROPERTIES AFFECTED IN SOME WAY, 1100 WITH MINOR DAMAGE, 300 WITH MAJOR DAMAGE, AND 40 STRUCTURES DESTROYED. INITIAL PROPERTY DAMAGE ESTIMATE OF \$490 MILLION. AT THE PEAK OF THE STORM, NEARLY 258,000 CUSTOMERS WERE WITHOUT POWER, OR 92% OF THE COUNTY.

ONE DIRECT AND THREE INDIRECT FATALITIES. A 63-YEAR-OLD WOMAN DIED WHEN A TREE FELL ON HER AS SHE WAS OUT FEEDING ANIMALS AT HER DELAND HOME. A 89-YEAR-OLD MAN FROM DELEON SPRINGS WAS ELECTROCUTED BY A DOWNED POWER LINE MONDAY MORNING AROUND 8:00 AM OCTOBER 10. A 47-YEAR-OLD NORTHEAST OHIO MAN ASSISTING CLEANUP EFFORTS IN ORMOND BEACH WAS KILLED WHEN PART OF A DOWNED TREE ROLLED ON TOP OF HIM AND PINNED HIM UNDERNEATH. A 9-YEAR-OLD DAYTONA BEACH BOY WAS FOUND UNCONSCIOUS IN HIS HOME AFTER OFFICIALS DISCOVERED A GENERATOR RUNNING IN ANOTHER ROOM. THE BOY LATER DIED AT HALIFAX HEALTH MEDICAL CENTER.

MANDATORY EVACUATIONS WERE ORDERED FOR ALL OF THE BARRIER ISLANDS, AS WELL AS LOW-LYING AREAS, RV PARKS, AND MOBILE HOMES ACROSS THE REMAINDER OF THE COUNTY.

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LEGEND:

I-INCOMPLETE DATA

E-ESTIMATED

ULRICH/SHARP/GLITTO/COMBS/SMITH/VOLKMER