

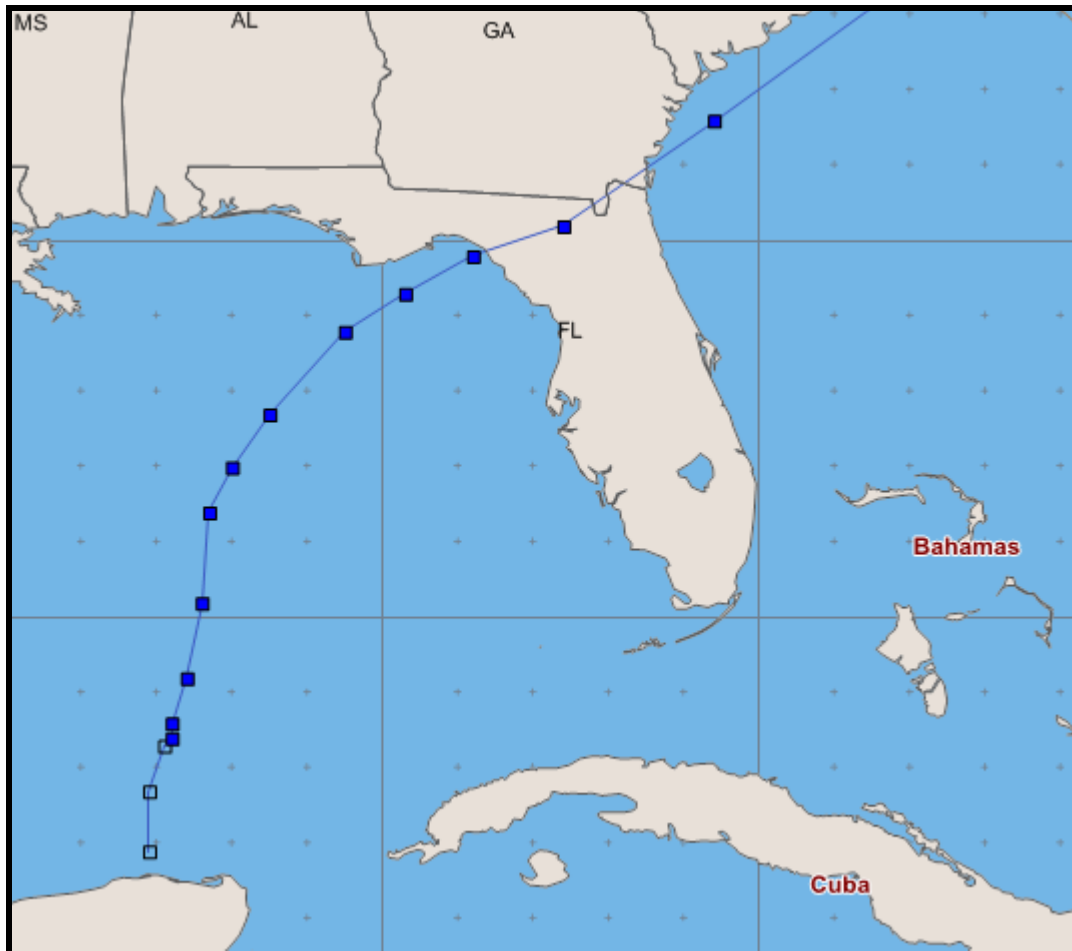


National Weather Service Melbourne, Florida

<http://www.srh.noaa.gov/mlb/>

Overview:

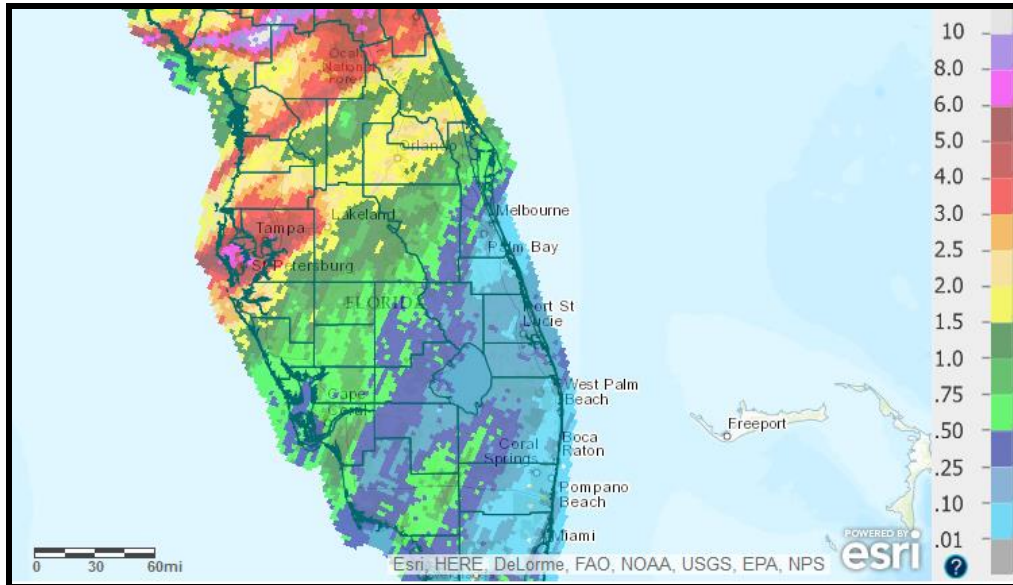
Tropical Depression #3 formed in the southern Gulf of Mexico on the morning of Sunday June 5, 2016. The depression strengthened into Tropical Storm Colin late that afternoon. Colin moved across the northeastern Gulf of Mexico Monday and onshore the Florida Big Bend region late evening on Monday June 6. The center of Colin moved offshore the Georgia coast in the pre-dawn hours of Tuesday June 7.



Track of Tropical Cyclone Colin as it crossed Florida from the Gulf of Mexico (HURREVAC).

Rainfall in East Central Florida:

The highest rainfall amounts associated with Colin were across the northern sections of East Central Florida. The highest rainfall totals for the 24 hour period ending at 12 UTC Tuesday were between 3-5" (table below).



24 hour observed radar rainfall ending at 12 UTC (8 am EDT) June 7, 2016

24 Hour Precip Totals (inches)			
1 WSW Valdez	4.57	Lake Mary	4.18
Azalea Park	3.70	1 NW Glenwood	2.71
Orlando Sanford	2.69	1 ESE Pine Hills	2.61
Sanford 1.9 WNW	2.58	1 WSW Sanford	2.55
1 SE Oviedo	2.55	Chuluota	2.52
2 WSW Turtle Mound	2.50	2 E Ocoee	2.51
2 NW Forest City	2.45	Geneva	2.45
3 S Killarney	2.44	Glenwood	2.36
1 WSW Pine Hills	2.35	Edgewater 1.4 N	2.30
4 SW Yalaha	2.24	2 SSE Lake Mary	2.20
1 ESE Lady Lake	2.21	7 S Clermont	2.18
Edgewater	2.15	Vineland	2.15
3 NNW Mount Plymouth	2.14	Lake Sylvan Park	2.09
6 WSW Astor	2.09	Conway	2.07
4 W Windermere	2.05	1 SSW Sanford	1.98
Lady Lake	1.92	4 N Edgewater	1.90
Orlando Executive	1.87	1 S Glenwood	1.72
1 WSW Lady Lake	1.71	Paisley	1.69
2 S University Park	1.65	6 ENE De Leon Springs	1.65
Union Park	1.63	1 W De Land	1.62
1 N Apopka	1.59	Union Park 1.1 E	1.54
2 SSE Union Park	1.50	Palatka River Nr	1.45
Ponce Inlet 0.5 S	1.45	2 NNW Poinciana Place	1.38
6 W Holopaw	1.36	Daytona Beach Intl	1.33

data valid as of Tue 8:19 am - NWS Melbourne

Highest Winds:

The highest winds were in squalls associated with Colin. The highest gust recorded in East Central Florida was at USAF wind tower KSC-1007, east of the Titusville TICO Airport with a gust from the SW to 66 mph (57 knots).

Some additional high wind gusts for the event follow in the table below:

24 Hour Peak Winds (mph)			
3 SSW Ponce Inlet	S 52	49 NE Playalinda Beach	S 51
9 ESE Fort Drum	S 45	Leesburg Muni Arprt	S 45
Orlando Executive	SW 44	1 NE Snug Harbor	SW 43
1 NW Fern Park	NW 42	1 S Melbourne Beach	S 41
2 SW Hobe Sound	SW 40	27 ESE Playalinda	S 40
44 E Playalinda Beach	S 40	Daytona Beach	S 40
1 ESE Pine Hills	SW 39	Vero Beach Municipal	S 39
5 NNE Cocoa Beach	S 39	St Lucie County	S 39
10 NNE Cocoa Beach	S 38	1 SSW Cocoa Beach	S 38
Nasa Shuttle Fclty	W 38	2 W Saint Lucie	SW 38
1 ESE Patrick Air	S 37	Orlando Sanford	S 36
2 NW Cocoa Beach	S 36	Titusville Airport	SW 35
2 NE Cocoa Beach	SW 35	Witham Field Airport	S 35
Orlando International	S 35	Valkaria	S 34
6 NNE Indiantown	S 34	2 NW Forest City	S 34
3 SE Ponce Inlet	SW 34	1 SE Ponce Inlet	S 34
1 S Vero Beach	S 34	3 NNW Animal Kingdom	S 34
45 ENE Playalinda	S 34	Lake Mary Jane	SW 33
5 NNW Cocoa Beach	SE 33	2 SSE Melbourne Beach	S 33
1 E Lagrange	SW 32	Floridana Beach	S 32
55 ENE Hobe Sound	S 32	Aloma	N 32
Midway	SW 32	2 E Pine Grove	S 32
Melbourne, Fl	SW 32	Orlando International	SW 31
3 NNW Saint Lucie	SW 30	4 NW Indiantown	S 30
4 NE Cocoa	S 30	1 SE Basswood Estates	SW 30

data valid as of Tue 2:24 pm - NWS Melbourne

Damage from Squalls:

Some tree/branch damage occurred in the metro Orlando area and along the Treasure Coast. The following pictures of damage are courtesy local media outlets WPTV and CFN13:



Hayes Road, Fort Pierce (courtesy WPTV)



Palm City (Courtesy WPTV)



Lockhart area of Orange Co (CFN13)



Winter Park (courtesy CFN13)

POST TROPICAL CYCLONE REPORT...TROPICAL STORM COLIN
 NATIONAL WEATHER SERVICE MELBOURNE FL
 632 PM EDT WED JUN 8 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 COLIN
 OR ITS REMNANTS WAS AFFECTING THE AREA.

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

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	LONG	PRES	TIME	SUST	TIME	GUST	TIME
DEG	DECIMAL	(MB)	(UTC)	(KT)	(UTC)	(KT)	(UTC)

KDAB-DAYTONA BEACH INTL, FL							
29.18	-81.05	1005.0	07/0853	210/017	07/0953	180/035	07/0711
KFPR-FORT PIERCE/ST LUCIE CO INTL, FL							
27.49	-80.36	1008.6	07/0753	160/017	06/1953	180/034	06/2201
KLEE-LEESBURG INTL, FL							
28.82	-81.80	1004.8	07/0053	170/023	07/0053	170/039	07/0112
KMLB-MELBOURNE INTL, FL							
28.10	-80.64	1007.1	07/0853	200/019	07/0916	230/028	07/1538
KMCO-ORLANDO INTERNATIONAL, FL							
28.42	-81.31	1006.1	07/0853	200/019	07/0628	180/030	07/0544
KORL-ORLANDO EXECUTIVE, FL							
28.54	-81.33	1006.2	07/0853	200/021	07/0629	210/038	06/2059
KSFB-ORLANDO/SANFORD, FL							
28.77	-81.24	1005.4	07/0753	210/020	07/0653	190/031	07/0637
KVRB-VERO BEACH, FL							
27.65	-80.41	1008.2	07/0853	230/017	07/1453	170/034	06/2218
KVRB-VERO BEACH, FL							
27.65	-80.41	1008.2	07/0853	230/017	07/1453	170/034	06/2218
KOB-E-OKEECHOBEE COUNTY AP, FL							
27.26	-80.85	9999.0	/	230/018	07/1635	220/026	07/1555
KCOF-PATRICK AFB/COCOA, FL							
28.23	-80.60	1008.2	07/1058	230/017	07/1335	220/024	07/1058
KSUA-WITHAM FIELD/STUART, FL							

27.18 -80.22 9999.0 / 200/020 06/2145 200/030 06/2145

KTIX-SPACE COAST REGIONAL/TITUSVILLE, FL
 28.51 -80.79 9999.0 / 220/020 07/1250 220/030 07/1050

KISM-KISSIMMEE GATEWAY AP
 28.29 -81.43 9999.0 / 180/014 07/0050 180/024 07/0050

KXMR-CAPE CANAVERAL AFS SKID STRIP
 28.46 -80.56 1000.0 07/0158 210/022 07/0958 210/030 07/0658

KDED-DELAND MUNICIPAL AIRPORT
 29.06 -81.28 9999.0 / 220/017 07/1015 170/028 05/2255

KDED-DELAND MUNICIPAL AIRPORT
 29.06 -81.28 9999.0 / 220/017 07/1015 170/028 05/2255

KTTS-SHUTTLE LANDING FACILITY
 28.61 -80.69 1008.5 07/1158 240/022 07/1258 240/027 07/1258

KEVB
 29.06 -80.95 180/045 06/2147 180/045 06/2147

KLEE
 28.82 81.81 I 210/039 06/2022 210/039 06/2022

REMARKS: NONE.

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)
PONCE INLET 3SSW							
29.05	-80.95			MMM/MMM		180/048	06/2147 I
KSC-1007							
28.53	-80.77			MMM/MMM		210/057	07/0030
4SW CAPE CANAVERAL							
28.36	-80.65			MMM/MMM		210/038	06/2150
4WNW CAPE CANAVERAL							
28.41	-80.66			MMM/MMM		210/036	06/2150

REMARKS: NONE.

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 1008.6 06/2320 190/031 06/2350 190/040 06/2350

BUOY 41010
28.90 -78.46 1007.2 06/1020 210/029 06/1020 210/036 06/1020

REMARKS: NONE.

C. STORM TOTAL RAINFALL FROM 1200 UTC JUN 06 UNTIL 1200 UTC JUN 07

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

1WSW VALDEZ SEMINOLE D2709 4.57
28.83 -81.36

LAKE MARY SEMINOLE D3228 4.18
28.75 -81.33

AZALEA PARK ORANGE 3.65
28.54 -81.30

LAKE MARY SEMINOLE 3.46
28.76 -81.34

1 NW GLENWOOD VOLUSIA 2.70
29.09 -81.37

1 ESE PINE HILLS ORANGE 2.60
28.57 -81.44

1.9 WNW SANFORD SEMINOLE 2.58
28.79 -81.31

1 SE OVIEDO SEMINOLE 2.55
28.63 -81.17

1 WSW SANFORD SEMINOLE 2.55
28.78 -81.31

CHULUOTA SEMINOLE 2.51
28.63 -81.13

2 WSW TURTLE MOUND VOLUSIA 2.50
28.93 -80.87

GENEVA SEMINOLE 2.45
28.71 -81.04

2 NW FOREST CITY ORANGE 2.45
28.68 -81.47

GLENWOOD VOLUSIA 2.36

29.08	-81.34		
1.4 N EDGEWATER		VOLUSIA	2.30
28.98	-80.91		
1 ESE LADY LAKE		LAKE	2.21
28.92	-81.91		
2 SSE LAKE MARY		SEMINOLE	2.20
28.72	-81.33		
4 SW YALAHA		LAKE	2.18
28.69	-81.86		
LAKE SYLVAN PARK		SEMINOLE	2.10
28.79	-81.39		
3 NNW MOUNT PLYMOUTH		LAKE	2.09
28.84	-81.56		
6 WSW ASTOR		LAKE	2.09
29.10	-81.63		
VINELAND		ORANGE	2.06
28.40	-81.50		
4 W WINDERMERE		ORANGE	2.02
28.50	-81.60		
1 SSW SANFORD		SEMINOLE	1.98
28.80	-81.27		
LADY LAKE		LAKE	1.92
28.93	-81.93		
4 N EDGEWATER		VOLUSIA	1.90
29.03	-80.89		
CONWAY		ORANGE	1.90
28.48	-81.33		
1 WSW LADY LAKE		LAKE	1.71
28.91	-81.95		
1 S GLENWOOD		VOLUSIA	1.70
29.06	-81.36		
PAISLEY		LAKE	1.67
28.99	-81.54		
6 ENE DE LEON SPRINGS		VOLUSIA	1.65
29.16	-81.26		
2 S UNIVERSITY PARK		ORANGE	1.65
28.54	-81.18		
1 W DE LAND		VOLUSIA	1.62

29.03	-81.33		
1 N APOPKA		ORANGE	1.59
28.70	-81.51		
UNION PARK		ORANGE	1.57
28.55	-81.24		
1.1 E UNION PARK		ORANGE	1.54
28.56	-81.22		
2 SSE UNION PARK		ORANGE	1.50
28.52	-81.22		
PALATLAKAHA RIVER NR MAS		LAKE	1.45
28.61	-81.86		
0.5 S PONCE INLET		VOLUSIA	1.45
29.09	-80.93		
2 NNW POINCIANA PLACE		OSCEOLA	1.38
28.19	-81.49		
1 E MOUNT DORA		LAKE	1.36
28.80	-81.62		
DAYTONA BEACH INTL		VOLUSIA	1.34
29.18	-81.07		
2 WNW CASSADAGA		VOLUSIA	1.33
28.98	-81.27		
3 SW CHRISTMAS		ORANGE	1.22
28.50	-81.07		
1 SW MIMS		BREVARD	1.21
28.66	-80.86		
1 WNW PORT SAINT JOHN		BREVARD	1.16
28.48	-80.81		
COCOA 6IN WELL NR BITHLO		ORANGE	1.14
28.40	-81.16		
3 NW LAKE MARY JANE		ORANGE	1.06
28.41	-81.22		
1 W KENNEDY SPACE CENTER		BREVARD	1.05
28.64	-80.73		
6 W HOLOPAW		OSCEOLA	1.04
28.11	-81.18		

REMARKS: COMBINATION OF DATA FROM ASOS...COOP...AND MESONET SITES.

D. INLAND FLOODING...

ONLY MINOR NUISANCE FLOODING IN VOLUSIA...SEMINOLE...ORANGE AND BREVARD COUNTIES.

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
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NONE.

F. TORNADOES...

(DIST) CITY/TOWN LAT LON (DEG DECIMAL DESCRIPTION	COUNTY	DATE/ TIME (UTC)	EF SCALE (IF KNOWN)
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NONE.

G. STORM IMPACTS BY COUNTY...

COUNTY DESCRIPTION	DEATHS	INJURIES	EVACUATIONS
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MARTIN	0	0	0
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PICTURE RELAYED VIA TWITTER SHOWING SEVERAL TREES SNAPPED IN PALM CITY.

ST. LUCIE	0	0	0
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WPBF RELAYED A PHOTO VIA TWITTER OF A TREE DOWN IN PORT ST. LUCIE.

ST. LUCIE	0	0	0
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PHOTO RELAYED VIA TWITTER SHOWING A TREE DOWN IN FT. PIERCE ALONG HAYES ROAD.

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LEGEND:
I-INCOMPLETE DATA
E-ESTIMATED

GLITTO/COMBS/SPRATT