



Public Information Statement  
National Weather Service Melbourne FL  
611 PM EDT WED MAY 18 2016

...NWS Damage Surveys for 05/17/16 Tornado Events...

.Overview...An upper level weather disturbance combined with an influx of tropical moisture and added convergence/rotation along the east coast sea breeze produced several severe thunderstorms which evolved into clusters. Three separate tornadoes formed, from several different cells.

A NWS Damage Survey team examined the damage by ground and air.

The NWS thanks St. Lucie County and Indian River County Emergency Management and the St. Lucie County Sheriffs Office for assistance with the damage surveys.

.Vero Beach Highlands Tornado...

Rating: EF-1  
Estimated Peak Wind: 80-90 MPH  
Path length /Statute/: 0.20 Miles  
Path width /Maximum/: 100 Yards  
Fatalities: 0  
Injuries: 0

Start date: May 17 2016  
Start time: 248 PM EDT  
Start location: 4 NW INDRIO / Indian River County / FL  
Start Lat/Lon: 27.5689 / -80.4017

End date: May 17 2016  
End time: 249 PM EDT  
End location: 4 NW Indrio / Indian River County / FL  
End\_lat/lon: 27.5670 / -80.4020

Survey Summary: The tornado produced approximately a half mile damage path impacting a width of about three blocks of homes. The tornado traveled in a southward direction. Two homes sustained major damage with a significant portion of their roofs damaged. Sixteen other homes experienced minor damage to roofs, soffits and pool screen enclosures. Several trees were snapped and two trees were uprooted. Estimated loss \$395,000.

.Lakewood Park Tornado...

Rating: EF-1  
Estimated Peak Wind: 80-90 MPH  
Path length /Statute/: 0.45 Miles  
Path width /Maximum/: 75 Yards  
Fatalities: 0  
Injuries: 0

Start date: May 17 2016  
Start time: 251 PM EDT  
Start location: 5 NW Indrio / St. Lucie County / FL  
Start Lat/Lon: 27.5578 / -80.4076

End date: May 17 2016  
End time: 253 PM EDT  
End location: 4 WNW Indrio / St. Lucie County / FL  
End\_lat/lon: 27.5513 / -80.4085

Survey Summary: The tornado traveled mainly southward for nearly a half mile. Approximately 15 homes experienced damage, mainly to their roofs. Numerous trees were snapped and several fences and pool enclosures were destroyed.

.Road Runner Travel Park Tornado...

Rating: EF-0  
Estimated Peak Wind: 65-75 MPH  
Path length /Statute/: 0.60 Miles  
Path width /Maximum/: 75 Yards  
Fatalities: 0  
Injuries: 0

Start date: May 17 2016  
Start time: 315 PM EDT  
Start location: 5 NW Ft. Pierce / St. Lucie County / FL  
Start Lat/Lon: 27.4876 / -80.3791

End date: May 17 2016  
End time: 318 PM EDT  
End location: 4 NW Ft. Pierce / St. Lucie County / FL  
End\_lat/lon: 27.4807 / -80.3737

Survey Summary: The tornado touched down within the Road Runner Travel Park and traveled southeast for just over a half mile before lifting. The tornado toppled four RV's and produced mostly minor

roof and awning damage to several mobile homes. Several trees were downed and one large tree was snapped several feet above ground level.

EF Scale: The Enhanced Fujita Scale classifies tornadoes into the following categories.

EF0...Weak.....65 to 85 MPH

EF1...Weak.....86 to 110 MPH

EF2...Strong....111 to 135 MPH

EF3...Strong....136 to 165 MPH

EF4...Violent...166 To 200 MPH

EF5...Violent...>200 MPH

Note:

The information in this statement is preliminary and subject to change pending final review of the events and publication in NWS Storm Data.

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Spratt/Ulrich/Stevenson