

10 Year  
Anniversary  
of Historic Flooding

# Tropical Storm Fay

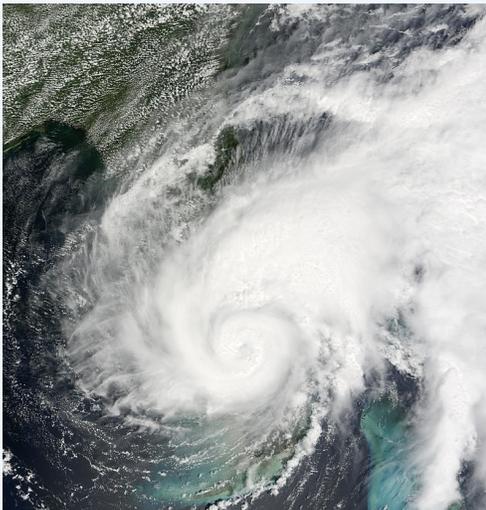
August 18-23, 2008



*National Weather Service, Melbourne, FL*

Tropical Storm Fay was the 5th wettest tropical cyclone to affect Florida, dumping 27.65” of rain in north Melbourne! Fay made landfall along the southwest Florida coast on August 19, 2008 and proceeded to track across the southern peninsula. By August 20, Fay was moving over southern Brevard County, eventually making its way offshore just east of Melbourne. As steering winds diminished, Fay slowed to a crawl, moving northward very slowly. This led to repeated rounds of heavy rainfall across much of Brevard County, resulting in significant flash flooding. After moving northward parallel to the Brevard and Volusia coasts, Fay turned west making landfall near Daytona Beach. The persistent bands of heavy rain resulted in additional flooding across portions of Volusia, Orange, Seminole, and Lake counties.

## Tornadoes



August 19, 2008  
Tropical Storm Fay over Florida  
Imagery courtesy of NASA

Rain bands associated with Tropical Storm Fay produced three tornadoes across east central Florida on August 19, 2008. Two tornadoes were rated EF-0 (65-85 mph) that produced minor home, roof, and tree damage. The third tornado was rated an EF-1 (86-110 mph) after it damaged 50 mobile homes, 9 of which were destroyed.

Stuart Tornado (EF-0); 10:11 a.m. EDT - 10:12 a.m. EDT

Ft. Pierce Tornado (EF-0); 12:35 p.m. EDT - 12:36 p.m. EDT

Barefoot Bay Tornado (EF-1); 1:45 p.m. EDT - 1:50 p.m. EDT

## Saint Johns River Flooding

Heavy rainfall from Tropical Storm Fay resulted in record-breaking water rises along the upper and middle Saint Johns River Basin.

Near Cocoa, the river peaked at 17.09 feet, 3rd highest crest on record

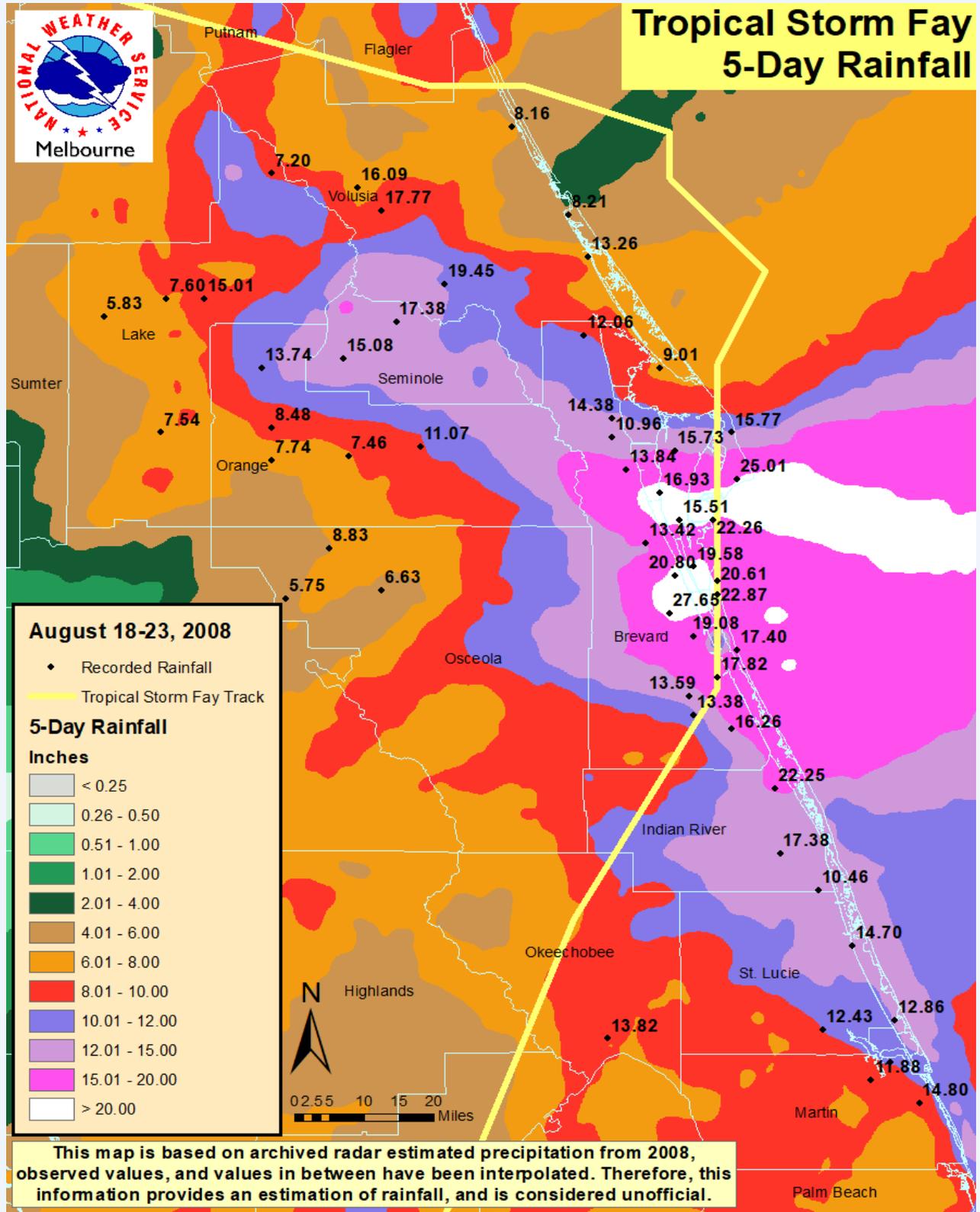
Near Geneva, the river peaked at 11.09 feet, highest crest on record

Damage to mobile homes from an EF-1 tornado in  
Barefoot Bay



Flooding along the Saint Johns River





Various pictures of flooding in Melbourne