

= Tropical Storm Isidore (1984) =

Tropical Storm Isidore was the 15th tropical cyclone and 9th named storm of the 1984 Atlantic hurricane season . Isidore formed as a tropical depression on September 25 , while situated off the southeastern Bahamas . The depression headed west , and was upgraded to a tropical storm in the central Bahamas the next day . It made landfall near Jupiter , Florida , and retaining tropical storm strength , Isidore curved to the northeast , emerging over water near Jacksonville , Florida . Isidore continued northeast until it was absorbed by a frontal system on October 1 . Though damage was generally light , the storm affected several regions from the Bahamas to the U.S. East Coast . One death was reported in Florida , and total damage is estimated at \$ 1 million (1984 USD) .

= = Meteorological history = =

The storm system that would become Isidore originated in a nearly stationary frontal boundary situated near the Bahamas . On September 24 , a ship reported winds of about 30 mph (48 km / h) in association with the disturbance . However , satellite imagery indicated that convection was just beginning to organize . Satellite imagery and Air Force reconnaissance reports documented the formation of a tropical depression early on September 25 ; a special statement was later issued by the National Hurricane Center (NHC) confirming the existence of the depression , and tropical cyclone advisories were initiated at 12 pm EDT . The depression moved west @-@ northwest while tracking through the Bahamas . As it did so , it moved across Cat Island and passed near several others . The cyclone attained tropical storm status on September 26 , receiving the name " Isidore " .

While located near the northern tip of Andros Island , Isidore reached its peak intensity . The barometric pressure fell to 999 mb , with sustained winds of 60 mph (95 km / h) . The storm continued moving northwest , though it failed to strengthen significantly over the Florida Current . The cyclone made landfall near Jupiter , Florida with sustained winds of about 50 mph (80 km / h) and subsequently moved inland . Previously , a large high pressure area over the eastern United States had prevented the cyclone from moving northward . The high moved away , allowing for Isidore to curve to the northeast , emerging over water near Jacksonville , Florida . The storm continued towards the northeast , passing about 80 mi (130 km) off of the Carolina coast . Isidore downgraded to a tropical depression on October 1 , and was absorbed in a frontal zone later that day . Isidore was one of many storms during the 1984 season that formed in relatively cool baroclinic environments .

= = Preparations = =

Due to its mild nature , Isidore was described as a " safety test " . Gale warnings were issued from as far south as Key West , Florida , to as far north as Virginia , including parts of Georgia , South Carolina , and North Carolina . A private meteorological service stated that Isidore was to intensify to hurricane status , leading to some confusion regarding preparations . Along the Treasure Coast of Florida , citrus farmers burned seedlings potentially infected with canker to prevent heavy rains from spreading the disease . Red Cross volunteers readied a shelter with supplies such as cots and sheets , though it remained unused . In Martin County , hundreds of firefighters were on standby . In Miami , rain from the storm led to the cancellation of horse races at the Calder Race Course . State parks in Monroe County were temporarily closed .

In Indian River , Martin , and St. Lucie counties , students were sent home early , and after @-@ school actives were canceled . The South Beach Jetty Park in Fort Pierce was closed . In southern portions of the state , residents prepared their boats for the storm , and 50 F @-@ 4 Phantom fighter jets were evacuated from the Homestead Air Force Base and moved to bases in South Carolina . Lumber yards , groceries stores , and hardware stores reported unusually high demand for emergency supplies , though certain smaller businesses closed early . Gasoline stations in the region " were doing bumper @-@ to @-@ bumper business " . Farther to the south , in the Florida

Keys , an emergency operations center was opened in response to the storm .

= = Impact = =

In Nassau , Bahamas , Isidore produced flooding rains and gales . There , the storm forced the closure of schools and banks . Heavy precipitation fell throughout the island chain , but no serious damage was reported .

Winds from Isidore gusted to 73 mph (117 km / h) in the St. Augustine , Florida area . Elsewhere , 65 mph (105 km / h) winds were recorded . At Mayport , winds were sustained at 43 mph (69 km / h) . In northern portions of the state , peak rainfall totals ranged from 5 to 7 in (130 to 180 mm) , much of which was associated with an intense convective band to the north and east of the cyclone 's center . One tornado , ranked F1 on the Fujita scale , touched down near Savannah , Georgia . Power outages were mostly minor and scattered . Tides generally ran under 3 ft (0 @. @ 91 m) above normal ; combined with high winds , the tides contributed to severe and widespread beach erosion along the eastern coast of central Florida , threatening structures at times . A large , \$ 500 @, @ 000 beach restoration fill was washed away . Additionally , segments of State Road A1A were damaged . On Hutchinson Island , many eggs and nests of *Caretta caretta* and *Chelonia mydas* , respectively , were destroyed . One man was electrocuted as a result of the storm near Orlando . Another man was injured while attempting to land his plane in high winds . Throughout the state , overall damage was generally insignificant .

The storm also dropped heavy precipitation along the coasts of Georgia , South Carolina , and North Carolina , with sporadic showers in parts of Virginia . Offshore , swells of 12 to 15 ft (3 @. @ 7 to 4 @. @ 6 m) extensively damaged a wooden ship , the Phoenix . The vessel " barely escaped destruction " , though a crew member suffered a cracked rib . Across its path , Isidore was estimated to have inflicted \$ 1 million in damage .