

= Tropical Depression One (1992) =

Tropical Depression One in June 1992 produced 100 @-@ year floods in portions of southwestern Florida . The first tropical depression and second tropical cyclone of the 1992 Atlantic hurricane season , the depression developed on June 25 from a tropical wave . Located in an environment of strong wind shear , much of the convection in the system was located well to the southeast of the poorly defined center of circulation . The depression moved northeastward and made landfall near Tampa , Florida on June 26 shortly before dissipating over land .

The depression , in combination with an upper @-@ level trough to its west , produced heavy rainfall to the east of its path , peaking at 33 @.@ 43 inches (849 mm) in Cuba and 25 inches (635 mm) in Florida . In Cuba , the rainfall destroyed hundreds of homes and caused two fatalities . In Florida , particularly in Sarasota and Manatee counties , the rainfall caused severe flooding . 4 @,@ 000 houses were affected , forcing thousands to evacuate . The flooding killed two in the state and was indirectly responsible for a traffic causality . Damage in Florida totaled over \$ 2 @.@ 6 million (1992 USD , \$ 4 million 2009 USD) .

= = Meteorological history = =

A weak tropical wave moved off the coast of Africa on June 12 . It tracked westward across the tropical Atlantic Ocean with minimal convection , and subsequent to moving through the southern Windward Islands it crossed northern Central America . Convection increased on June 20 as the wave entered the southwestern Caribbean . Under the influence of southeasterly flow from developing Hurricane Celia in the eastern Pacific Ocean and the south @-@ southwesterly flow from a mid- to upper @-@ level trough over the Gulf of Mexico , the area of disturbed weather tracked generally north @-@ northwestward through the Caribbean Sea while spreading across Cuba and southern Florida . On June 24 , a mid @-@ level circulation developed near the Yucatán Channel , and shortly thereafter satellite image loops indicated deep convection with some cyclonic rotation near the western tip of Cuba . A reconnaissance aircraft flight was dispatched late on June 24 into the system to determine if it developed into a tropical cyclone , though the flight did not observe evidence of a closed low @-@ level circulation . Subsequent to the flight , satellite imagery indicated a low @-@ level circulation was forming , and on June 25 ship and buoy data confirmed the system developed into Tropical Depression One while located about 235 miles (375 km) west @-@ southwest of Key West , Florida . Operationally , the National Hurricane Center incorrectly classified the system as Tropical Depression Two due to an earlier subtropical storm .

Upon becoming a tropical cyclone , the depression was poorly organized , with much of the convection located well to the southeast of the broad center due to strong upper @-@ level wind shear . The shearing environment was caused by a trough in the Gulf of Mexico and from the outflow from Pacific Hurricane Celia . This was reflected in forecasts , with the National Hurricane Center predicting no significant change in intensity or structure . The depression moved northward before turning to the northeast , and on June 26 the poorly organized system made landfall just north of Tampa , Florida . The low @-@ level circulation dissipated while crossing the Florida peninsula , with the remnants continuing northeastward before being absorbed by a large extratropical cyclone over the western Atlantic .

= = Impact = =

The tropical depression , in combination with the upper @-@ level trough to its west , produced moderate precipitation across Cuba , peaking at 33 @.@ 43 inches (849 mm) . This is the fifth highest known rainfall total from a tropical cyclone in the country . The rainfall primarily affected the provinces of Pinar del Río , Matanzas , and Havana . Two Cuban citizens were killed by the rainfall , with an Arab student reported missing and presumed drowned . The deluge damaged or destroyed hundreds of houses in Pinar del Río and Havana provinces .

In Florida , the depression produced moderate winds near the coast , peaking at 51 mph (82 km / h

) in Naples . As in Cuba , the system dropped torrential rainfall , peaking at 25 inches (635 mm) at Arcadia Tower . Large portions of the state reported totals in excess of 10 inches (255 mm) from the depression , with much of Sarasota County receiving over 20 inches (510 mm) of rain . The rainfall was classified as a 100 @-@ year flood in Sarasota and Manatee counties , where flooding reached 6 feet (1 @.@ 8 m) deep in some locations . Officials in Manatee County declared a state of emergency in response to the flooding . There , about 3 @,@ 000 people were forced to evacuate their homes due to the flooding , some of whom left by boat . The flooding damaged about 50 houses in and around Oneco . Due to the evacuations , no injuries were reported . The reservoir in Manatee County rose to over 39 feet (11 @.@ 9 m) , 4 feet (1 @.@ 2 m) above normal , which resulted in officials opening floodgates to prevent flooding .

In Sarasota County , the flooding closed several roads and led to many overflowed creeks and rivers , including the Horse Creek which crested at 5 @.@ 8 feet (1 @.@ 8 m) above flood level . Damage to roads and bridges totaled about \$ 1 million . Due to the flat landscape of the region , the flooding persisted for several days . The depression spawned a tornado in a mobile home park in Nokomis , destroying the roofs of five homes and causing leaks in twelve others . Throughout the area , the passage of the depression left about 45 @,@ 000 customers without power , primarily due to gusty winds . The outages were fairly short @-@ lived due to power companies calling in extra workers to restore the power . Moderate winds toppled a construction crane at the northern end of the Sunshine Skyway Bridge , closing the bridge for 35 minutes before the crane was removed . In Pinellas County , a man hydroplaned while driving along a flooded roadway ; he crashed into a concrete pole and was killed . Severe crop damage to orange trees was reported in association with the flooding . Damage from the depression totaled over \$ 2 @.@ 6 million (1992 USD , \$ 4 million 2008 USD) , with about 4 @,@ 000 houses affected by the flooding and an additional 70 destroyed . Two people were killed in Florida .

On August 14 , about six weeks after the flooding , President George H. W. Bush declared a major disaster area for Charlotte , DeSoto , Manatee , and Sarasota counties . The declaration allowed for the use of federal funding to assist in the aftermath of the system .