

= Tropical Storm Bret (2005) =

Tropical Storm Bret was a short lived tropical storm of the 2005 Atlantic hurricane season that made landfall in the Mexican state of Veracruz , the first of four during the season . The second named storm of the season , Bret developed along a tropical wave on June 28 in the Bay of Campeche , and quickly intensified . Tracking to the west northwest , Bret moved ashore within 24 hours of forming , and dissipated shortly thereafter .

Bret was the first of six tropical cyclones (three hurricanes , two of them major , and three tropical storms) to make landfall in Mexico during the season . With the formation of the tropical storm on June 28 , the 2005 season became the first since 1986 with two storms in the month of June . The storm dropped heavy rainfall along its path , peaking at 266 mm (10 . 67 inches) , which caused flooding and one drowning death . About 7 , 500 people were affected , and damage totaled over 100 million pesos (2005 MXN , \$ 9 . 3 million 2005 USD , \$ 10 . 3 million 2008 USD) .

= Meteorological history =

A tropical wave accompanied by a weak surface low pressure area crossed Central America and eastern Mexico from June 24 through June 27 . An area of disturbed weather associated with the system moved into the Bay of Campeche early on June 28 , though initially unfavorable upper level wind shear and land interaction limited initial development . It tracked west northwestward at 8 ? 16 km / h (5 ? 10 mph) , and after moving into open waters the organization of deep convection increased with curved banding features developing . Based on data from a Hurricane Hunters flight into the system , it is estimated it developed into Tropical Depression Two at 18 : 00 UTC on June 28 , while located about 100 km (62 mi) northeast of the city of Veracruz . At the time of its first advisory , the government of Mexico issued a tropical storm warning from Veracruz to Tampico .

About four hours after formation , the depression intensified into Tropical Storm Bret , upon which it attained a minimum central pressure of 1002 mbar . Shortly thereafter , its appearance on radar deteriorated , and convection warmed around the center . With a mid level anticyclone over Texas , Bret tracked steadily to the west northwest , and began to re organize just before moving ashore ; at 12 : 00 UTC on June 29 , the storm made landfall just southeast of Tuxpan with winds of 65 km / h (40 mph) . After crossing the coast , the storm quickly degenerated to tropical depression status , though Bret retained a well organized cloud pattern with deep convection . The center turned to the north northwest , and early on June 30 Bret dissipated inland over Mexico .

= Impact =

Tropical Storm Bret produced heavy rainfall along its path , with a peak 24 ? hour rainfall total of 266 mm (10 . 47 inches) recorded in El Raudal , Veracruz ; several other locations reported over 4 inches (100 mm) of precipitation . The rainfall caused widespread flooding in Veracruz , especially in the city of Naranjos where an overflown river flooded portions of the city with 2 m (7 ft) of water . Several other rivers reported river flooding .

By shortly after the passage of the storm , the government of Veracruz opened 6 , 000 emergency storm shelters for impacted citizens . Floodwaters from the rainfall inundated scores of houses and cars , with a total of 7 , 500 families in Veracruz directly affected by the storm . The Mexican Army , combined with the efforts of police officers and state officials , worked with amphibious vehicles to rescue families in flooded houses , of whom many waited on rooftops ; according to reports from the Civil Defense of the government of Veracruz , a person drowned in the city of Cerro Azul . Several people were reported missing , as well . Landslides from the flooding cut communications and left 66 villages temporarily isolated . Across Veracruz , the most affected localities were Naranjos , Chinampa de Gorostiza , Tamalín , Tantima , Benito Juárez , Tamiahua ,

and Tempoal de Sánchez . The government of Veracruz declared a state of emergency for 14 municipalities . Damage in the state totaled over 100 million pesos (2005 MXN , \$ 9 @. @ 3 million 2005 USD , \$ 10 @. @ 3 million 2008 USD) ; the state government requested reconstruction aid amounting to the equivalent of the damage total .