

= Hurricane Cosme (1989) =

Hurricane Cosme was an unusually large tropical cyclone that made landfall in south @-@ western Mexico in June 1989 . The third tropical storm and second hurricane of the 1989 Pacific hurricane season , Cosme formed on June 19 from a tropical wave , the storm initially moved westward before being upgraded into Tropical Storm Cosme . It ultimately intensifying into a Category 1 hurricane . Cosme turned northward and made landfall near Acapulco during the night of June 21 . It rapidly weakened over land . The storm caused excessive rainfall on land , leading to deadly and destructive flooding . It is estimated that 30 people died in the hurricane .

= = Meteorological history = =

In early June 1989 , a tropical wave emerged from the west coast of Africa and traversed the Atlantic Ocean , eventually crossing into the eastern North Pacific . Initially , several centers of circulation were associated with the system . Continuing organize , the storm is estimated to have attained tropical depression status at 0000 UTC on June 18 . The depression was broad and lacked substantial thunderstorm activity . However , it did have respectable outflow and banding . It moved towards the west and intensified into a tropical storm at 0000 UTC on June 20 , 48 hours after being classified .

Upon being named , Cosme meandered and remained nearly stationary as it continued to intensify . It became a hurricane midday UTC on June 21 ; this upgrade was delayed in real time . At this time , the hurricane accelerated towards the north . As the cyclone approached the coast of Mexico , it reached maximum sustained winds of 85 mph (140 km / h) and a minimum barometric pressure of 979 millibars .

During the night of June 21 , Cosme made landfall just east of Acapulco . It moved inland and quickly deteriorated , weakening into a tropical storm shortly after coming ashore . It trekked northward through eastern Mexico and further diminished into a tropical depression before becoming indistinguishable south of Brownsville , Texas on June 23 . Tropical Storm Allison 's development in the Gulf of Mexico was partially related to residual conditions from Cosme 's remnants .

= = Preparations and impact = =

Prior to the hurricane 's landfall , Mexican officials evacuated nearly 260 people from low @-@ lying areas near Acapulco . Ports in the region were also closed several days before the storm and remained closed for two days after as a precaution . In addition , flash flood watches and warnings were issued . Cosme brought heavy rains , which killed at least 30 people due to drowning . Many adobe homes were destroyed , but the specific cost of damage is unknown . The highest rainfall recorded in relation to Cosme was 16 @.@ 1 in (410 mm) in San Bartolo Yautepec , Mexico . Many mountainous areas received rainfall in excess of 7 in (180 mm) and most other areas received 1 in (25 mm) . High winds produced by the storm damaged numerous trees and power lines throughout the affected areas . Authorities in Acapulco stated that there were no major damage or injuries from the storm , with only one hotel sustaining minor damage .