

= Typhoon Angela ( 1989 ) =

Super Typhoon Angela , known in the Philippines as Typhoon Rubing , was an intense tropical cyclone that formed in late September 1989 . The storm developed from a tropical disturbance in the monsoon trough and moved generally westward throughout its duration . The storm ultimately peaked in intensity as a super typhoon and struck northern Luzon in the Philippines . After weakening and traversing the South China Sea , Angela bypassed Hainan to the south and struck Vietnam before dissipating . The storm caused severe damage and 119 fatalities in the Philippines . Thousands of houses were damaged , and hundreds of thousands of residents were impacted by the typhoon . Monetary damage is placed at \$ 8 million .

= = Meteorological history = =

The origins of Typhoon Angela trace back to a tropical disturbance in the monsoon trough that became very active after a lull in convection . The disturbance developed over the western Caroline Islands , and persisted for two days until it was noted in a Significant Tropical Weather Advisory issued by the Joint Typhoon Warning Center ( JTWC ) . It rapidly matured , and prompted a Tropical Cyclone Formation Alert shortly thereafter . Enhanced upper @-@ level outflow assisted the storm 's intensification . At 0600 UTC on September 28 , the Japan Meteorological Agency ( JMA ) recognized the storm as a tropical depression . The JTWC issued their first advisory on the depression , designated 34W , at 0600 UTC on September 29 . However , at the same time , the JMA upgraded it to a tropical storm .

At 1800 UTC on September 29 , the JTWC classified the depression as Tropical Storm Angela . The system initially tracking northwestward , Angela turned westward along the southern periphery of a subtropical ridge to the north . The tropical storm began to rapidly intensify , and the JMA upgraded it to a severe tropical storm at 1800 UTC on September 30 , while the JTWC estimated that it had attained typhoon intensity . The JMA then upgraded Angela to a typhoon shortly thereafter , and assessed it as having reached peak intensity on October 2 , with 10 @-@ minute maximum sustained winds of 175 km / h ( 110 mph ) and a minimum barometric pressure of 925 millibars . Continuing westward , the typhoon attained super typhoon status four days later , and the JTWC reported that Angela peaked in strength on October 5 . Between October 5 and October 6 , Angela crossed the northern coast of Luzon in the Philippines .

The storm weakened after interacting with land , and the JTWC downgraded it to a typhoon on October 6 as it emerged into the South China Sea . An area of high pressure built over China , pushing Angela towards the southwest . Wind shear over the area weakened somewhat , and the typhoon re @-@ intensified . However , as it passed south of Hainan , the cyclone again weakened due to the interaction with land . At 0600 UTC on October 10 , Angela struck the coast of Vietnam and moved ashore . The JTWC issued their final advisory on the system at 1200 UTC , at which time the JMA downgraded it to a severe tropical storm , to a tropical storm six hours later , and to a tropical depression early on October 11 .

= = Preparations and impact = =

On October 6 , Angela prompted the issuance of the Stand By Signal No. 1 in Hong Kong . It was replaced by a Strong Wind Signal No. 3 the next day , and after the typhoon 's closest approach to the region on October 8 , a Strong Monsoon Signal was hoisted . One @-@ hour sustained winds reached 39 mph ( 63 km / h ) , out of the east , at Waglan Island . Gusts at Tate 's Cairn peaked at 51 mph ( 82 km / h ) from the north @-@ northeast .

Angela caused severe damage in the Philippines . It is estimated that 119 people perished , and 192 more were injured . Additionally , 28 remained missing following the storm . In total , 219 @,@ 178 people , or 39 @,@ 095 families , were affected by the cyclone . About 33 @,@ 309 homes sustained some degree of damage . The typhoon 's intense winds and heavy rainfall triggered flooding and damaged crops . The hardest @-@ hit areas were in the Cagayan province . Overall ,

the storm left approximately \$ 8 million ( 1989 USD ) in damage across the region . The same area was impacted by Typhoon Sarah in September . Angela forced thousands of residents to seek shelter in evacuation centers .

The JTWC issued 46 warnings on the storm over the course of 12 days , the longest of any storm during the season . Angela was among the five storms to attain super typhoon status in 1989 , and was deemed the most severe typhoon of the year , at the time , in the Philippines .