

= Tropical Storm Lucille =

Tropical Storm Lucille was the first tropical cyclone to have its name retired in the Western Pacific basin . Lucille was identified as a weak tropical depression on May 25 , 1960 , to the east of the Philippines . Tracking northwestward , the system failed to develop and warnings on it were discontinued on May 27 . At the same time , a second system began organizing along the west coast of Luzon . The two systems ultimately merged into one over the Philippines between May 28 and 29 . Now tracking northeastward , the system re @-@ intensified and became a tropical storm on May 30 . Lucille attained its peak intensity later that day with winds of 85 km / h (50 mph) . As it accelerated over open waters , the system brushed the islands of Iwo Jima and Chichi @-@ jima before transitioning into an extratropical cyclone on June 1 . The remnants of Lucille were last noted on June 4 near the International Date Line .

Between May 27 and 29 , heavy rains fell across much of Luzon as Lucille developed . These rains , amounting to 406 mm (16 in) in the suburbs of Manila , triggered destructive floods that left some areas under 4 @.@ 6 m (15 ft) of water . The worst of the floods took place during the overnight hours of May 28 to 29 . During that time , hundreds of homes were swept away and an estimated 300 ? 500 people , including at least 80 children , were killed . Monetary losses from the floods exceeded \$ 2 million .

= = Meteorological history = =

On May 24 , 1960 , a possible area of low pressure was identified to the west of Koror in the Republic of Palau . Tracking generally to the northwest , the system gradually developed . Despite only having winds around 30 km / h (15 mph) , it was classified as a tropical depression early the next day and assigned the name Lucille by the Joint Typhoon Warning Center (JTWC) . Around the same time , a second , less organized low pressure system developed off the west coast of Luzon , Philippines . That system remained almost stationary over the South China Sea as Lucille accelerated northwestward . Early on May 27 , the JTWC issued their final advisory on the depression as it approached the Philippines . After degenerating , the remnants of Lucille moved over the Visayas .

Shortly after the JTWC issued their final advisory on Lucille , the Japan Meteorological Agency (JMA) began monitoring the system near Luzon as a tropical depression . By May 28 , radiosonde data from Clark Air Base in Luzon indicated that the second system acquired a closed circulation at the 500 mb level and began moving northeastward . While crossing the northern Philippines , the two systems merged and became a single cyclone , retaining the name Lucille . During its passage of the country , winds up to 63 km / h (39 mph) were reported in Manila . Once back over open waters , the system intensified as it accelerated northeastward , attaining tropical storm intensity early on May 30 .

Tropical Storm Lucille attained its peak intensity late on May 30 with winds of 85 km / h (50 mph) and an estimated barometric pressure of 985 mbar (hPa ; 29 @.@ 09 inHg) . At this time , the China Meteorological Administration assessed Lucille to have been a stronger system , attaining typhoon status with two @-@ minute sustained winds estimated at 125 km / h (78 mph) . Around 1700 UTC on May 31 , the storm tracked approximately 65 km (40 mi) west of Iwo Jima . Roughly five hours later , it moved within 15 km (10 mi) of Chichi @-@ jima where a pressure of 992 mb (hPa ; 29 @.@ 30 inHg) was measured . Sustained winds on Chichi @-@ jima reached 95 km / h (60 mph) ; however , these were determined to be unrepresentative of Lucille 's actual intensity due to natural funneling on the island . On June 1 , the system transitioned into an extratropical cyclone as it turned west @-@ northwestward and continued over open waters . The remnants of Lucille were last noted by the JMA on June 4 as it crossed the International Date Line .

= = Impact = =

Prior to transitioning into an extratropical cyclone , Lucille brushed the Japanese islands of Iwo Jima

and Chichi @-@ jima . On the former , winds reached 55 km / h (35 mph) while on the latter , gusts peaked at 130 km / h (80 mph) . The gusts on Chichi @-@ jima caused the USS Cayuga County to broach in the harbor .

Due to the significant loss of life caused by the storm , the name Lucille was retired . This marked the first time that a tropical cyclone in the Western Pacific had its name removed following its usage . For unknown reasons it was not replaced with any particular name , making it one of two storms in the basin to not have a replacement , although Lucy took the name 's place in 1962 .

= = = Philippines = = =

Across the northern Philippines , torrential rains associated with Lucille , the secondary low , and a subsequent southwesterly monsoon caused extensive flooding . The heaviest rains took place between May 27 and 28 , with conditions similar to a tropical storm occurring during the overnight hours . During a 24 @-@ hour span on May 27 , 218 mm (8 @.@ 6 in) of rain fell in Manila . In surrounding areas , more than 406 mm (16 in) of rain fell . Gale @-@ force winds toppled trees and billboards and brought down telephone lines . The city of Manila was brought to a virtual standstill as three quarters of the city became submerged in at least 0 @.@ 3 m (1 ft) of water . Transportation was shut down and businesses were deserted the day after the floods . Taking place mainly in the suburban communities surrounding Manila , rivers over @-@ topped their banks and inundated " squatter " areas . The hardest @-@ hit areas were submerged in up to 4 @.@ 6 m (15 ft) of water . Residents reported that homes were swept off their foundations by the water and were brought downstream . Others reported seeing bodies floating amid debris . In Tondo , floodwaters reaching 1 @.@ 8 m (6 ft) deep killed at least seven people . Hundreds of homes were swept away in Manila , resulting in many deaths . Numerous homes were washed away in Quezon City . The heart of Manila was spared flooding as the river running through the city began to recede after nearly over @-@ topping the concrete dike surrounding it .

Throughout the Philippines , officials confirmed that 108 people , including 80 children , had been killed and a further 150 were missing by May 30 . Later reports on the storm stated that approximately 300 people lost their lives . Some news reports indicated that as many as 500 people may have been killed . Additionally , more than 20 @,@ 000 people were left homeless . Losses amounted to roughly \$ 2 million . The floods were regarded as the nation 's worst since 1947 . The flooding caused by Lucille was also considered the worst ever in the country by some until September 2009 when Typhoon Ketsana devastated Manila .

In the immediate aftermath of the floods , the entire Manila police force was mobilized to assist residents and begin relief operations . On May 29 , Quezon City mayor Norberto S. Amoranto sent an emergency request to the Philippine Air Force to rescue people trapped on rooftops .