

= Typhoon Andy ( 1982 ) =

Typhoon Andy , known in the Philippines as Typhoon Iliang , was an intense tropical cyclone that made landfall in Taiwan . Andy formed along the northern edge of the monsoon trough south of Guam on July 22 , 1982 . It became a tropical storm the next day , although this system was initially poorly organized . Andy moved steadily west during the first few days of its life . After looping south of Guam , the cyclone moved northwest and strengthened . Andy turned westward near the 18th parallel on July 25 . The system became a strong typhoon for a prolonged period on July 27 and July 28 while attaining a peak intensity of 185 km / h ( 115 mph ) . However , the typhoon struck southern Taiwan on July 29 . Continuing westward through the Formosa Strait , the storm made its final landfall in southern China on July 30 and dissipated inland two days later .

During its formative stages , the typhoon brought high waves to Guam , resulting in one death . Twelve families were also left homeless . After passing near Taiwan , Andy brought strong winds , which resulted in 13 deaths . Government offices , schools and airports were closed . At least 60 fishing boats in harbors were badly damaged or wrecked due to strong winds . A total of 300 power poles were brought down ; consequently , nearly a quarter of Taiwan residents lost power at the height of the storm . After moving ashore in China , Andy brought heavy rains to nearby Hong Kong .

= Meteorological history =

Typhoon Andy originated from a monsoon trough south of Guam in tandem with Typhoon Bess . Despite strong wind shear , three areas of disturbed weather soon developed . The westernmost of the three drifted westward and remained poorly defined . Late on July 21 , a Tropical Cyclone Formation Alert ( TCFA ) was issued for the middle system following a drop in barometric pressure and an increase in organization . Around this time , the Japan Meteorological Agency ( JMA ) started watching the cyclone . On July 22 , the JMA upgraded the system into a tropical storm . During the evening hours of July 22 , Hurricane Hunters found winds of 65 to 70 km / h ( 40 to 45 mph ) and a minimum pressure of 995 mbar ( 29 @. 4 inHg ) . Based on this , the Joint Typhoon Warning Center ( JTWC ) classified the system as a tropical storm and named it Andy . Despite the initial overall lack of organization , Andy slowly gained strength . However , the low @-@ level circulation was initially poorly defined and difficult to find via weather satellite imagery . While passing around 160 km ( 100 mi ) south of Guam , the JMA upped Andy into a severe tropical storm . After performing a small loop , Andy accelerated northwest south of a subtropical ridge . According to the JMA , Andy attained typhoon intensity midday on July 24 .

For the ensuing 24 hours , intensification was slight . Thereafter , Andy turned west and entered a more favorable environment for intensification . On July 25 , the JMA placed the intensity of the storm at 140 km / h ( 87 mph ) . After briefly leveling off in intensity , Andy continued to gain strength , and during the morning hours of July 26 , the JMA reported winds of 170 km / h ( 105 mph ) . The next day , the JMA estimated that Andy reached peak intensity , with winds of 185 km / h ( 115 mph ) , and subsequently noted that Andy attained its minimum barometric pressure of 930 mbar ( 25 inHg ) . Later that day , the JTWC estimated a peak intensity of 225 km / h ( 140 mph ) , equivalent to a Category 4 hurricane on the United States @-@ based Saffir @-@ Simpson Hurricane Wind Scale ( SSHWS ) .

Shortly after its peak , Andy began to slowly weaken . At 1200 UTC on July 28 , the JTWC reduced the intensity of the typhoon to 210 km / h ( 130 mph ) . However , on July 29 , the JMA lowered the intensity of the cyclone to 145 km / h ( 90 mph ) , even though the JTWC kept the intensity over 185 km / h ( 115 mph ) until landfall , which occurred later that day along the southeastern quadrant of Taiwan . Despite briefly emerging into the Formosa Strait , the JMA downgraded Andy into a severe tropical storm just before landfall in Southern China . On July 30 , the JTWC stopped watching Andy inland over the mountains terrain of southeastern China . Two days later , the JMA followed suit .

= Preparations and impact =

While strengthening , Typhoon Andy passed near Guam , generating 7 @. @ 6 to 9 @. @ 1 m ( 25 to 30 ft ) waves along south @- @ facing beaches . An 11 @- @ year @- @ old boy died in Naval Station after the waves swept him off of rocks . Three " huge " waves struck the shoreline near Umatac , which destroyed several homes off of their foundation . Along many nearby villages , scattered damage was noted . At least nine villages were without power for varying amounts of time . In all , 12 people were left homeless .

While affecting Taiwan , Typhoon Andy snapped trees and toppled billboards , in addition to generating high waves . In some places , rainfall reached 300 mm ( 12 in ) . Coastal areas were hardest hit . Along the southern portion of the island , 300 power poles were downed , making damage reports difficult for the United Press International to obtain . At the height of the storm , a quarter of the nation 's 18 million residents were left without power . Eight people were killed in storm @- @ related accidents , including a man and a women who died when a car flipped in the central portion of the country . Furthermore , four members of a fishing party were swept out to sea and drowned and an elderly man was blown off a roof as he tried to fix leaks in it . Another 11 @- @ year @- @ old boy was swept into the sea and was presumed to have perished while watching waves near the southeastern city of Taitung , though his 16 @- @ year @- @ old companion who was also watching the waves was swept away , but was later rescued . In all , 13 people were killed by Typhoon Andy in Taiwan . In Taipei , broken trees and signboards fell on streets due to strong winds . Government offices , schools and airports were closed . At least 60 fishing boats in harbors were badly damaged or wrecked in the wind . Elsewhere , a 23 @- @ man crew was forced to abandon a 5 @, @ 393 short tons ( 4 @, @ 890 t ) ship off the northern Philippines . Overall , no major damage was observed and no major flooding was reported . After making its final landfall in China , 205 @. @ 3 mm ( 8 @. @ 08 in ) of rain was measured in Hong Kong .