

= Typhoon Wayne (1986) =

Typhoon Wayne , known in the Philippines as Typhoon Miding , is one of the longest @-@ lived tropical cyclones on record for the north @-@ western Pacific ocean . The system meandered for 22 days in August ? September 1986 between the South China sea and far western tropical North Pacific ocean , staying within the monsoon trough and causing heavy rains across the Philippines , Taiwan , southeast China , Hainan Island , and Vietnam . Its maximum sustained winds peaked at category two strength on the Saffir @-@ Simpson scale . Various signals were raised for Hong Kong three times due to Wayne 's unusual track . A total of 490 perished and US \$ 399 million (1986 dollars) in damage was due to the typhoon .

= = Meteorological history = =

This system began its long life on August 16 in the South China Sea , having formed within the monsoon trough . It drifted to the southwest , then looped back to the northwest , becoming a tropical storm on August 18 . Wayne , which remained embedded in the monsoon trough throughout its lifetime , turned to the northeast in response to a relocation of the trough , and became a typhoon according to the Joint Typhoon Warning Center (JTWC) on August 19 , and on August 20 according to the Japan Meteorological Agency (JMA) . At 2 p.m. that day , the ship M. V. Fossarus recorded 78 knots (144 km / h) winds just west of its center . The typhoon came close but remained offshore of southeastern China , and after reaching maximum sustained winds of 75 knots (139 km / h) it hit western Taiwan on August 22 . The building subtropical ridge forced Wayne west and southwestward through the Luzon Strait , where after weakening to a tropical storm it restrengthened briefly to a typhoon on August 24 , according to the Joint Typhoon Warning Center . The JMA did not upgrade Wayne back to a typhoon during this segment of Wayne 's existence .

Vertical shear caused Wayne to weaken to a depression on August 25 according to the Joint Typhoon Warning Center , and August 26 according to the JMA , as the cyclone began to rotate around the circulation of Vera to its north . Tropical Depression Wayne sped up to the northeast , but when Vera moved far enough away , Wayne drifted northeastward through the South China Sea , becoming a tropical storm again on August 27 . Ridging to its north forced Wayne southward , where it again became a typhoon on August 30 according to the Joint Typhoon Warning Center , and August 31 according to the JMA . Wayne passed close to northern Luzon on September 2 as a 75 knots (139 km / h) typhoon , but turned back to the west . The JMA lowered Wayne back to a tropical storm on September 3 before restrengthening the cyclone back into a typhoon by early September 4 . On September 4 while moving quickly westward through the South China Sea , Wayne reached a peak of 85 knots (157 km / h) winds according to the Joint Typhoon Warning Center , or 70 knots (130 km / h) winds according to the JMA , before it weakened due to land interaction . It hit northern Hainan on September 5 as an 70 knots (130 km / h) typhoon . Its center passed just north of Haikou , whose pressure fell to 970 @. 1 hectopascals (28 @. 65 inHg) . Wayne then entered the Gulf of Tonkin , and made its final landfall on northern Vietnam later that day as a tropical storm . The next day , Wayne dissipated over Vietnam , after 85 JTWC advisories and being the longest lasting Western Pacific system in history .

= = Preparations = =

In Hong Kong , the Stand By Signal 1 was hoisted at 11 : 30 a.m. on August 19 . As Wayne approached , the Strong Wind Signal 3 was raised at 11 : 00 a.m. on August 20 . During its first approach , the Northeast Gale / Storm Signal 8 was issued at 10 p.m. on August 20 . As winds relaxed , the Strong Wind Signal 3 replaced the Storm Signal 8 at 2 a.m. on August 21 , with all signals lowered by 5 a.m. on August 21 . During Wayne 's second approach , the Stand By Signal 1 was raised at 11 : 45 a.m. on August 25 . Signals were again lowered once Wayne moved farther away at 2 : 35 p.m. on August 26 . During Wayne 's third approach , the Stand By Signal 1 was hoisted at 1 : 30 a.m. on September 4 . As Wayne continued its approach , the Strong Wind Signal 3

was raised at 3 p.m. the same day . Once Wayne moved away to the west of the area , signals were lowered for their final time at 2 : 10 p.m. on September 5 .

= = Impact = =

During its passage of Taiwan , 63 died , 12 @, @ 000 houses collapsed , and a thousand fishing vessels were wrecked . Total damage to the island reached US \$ 360 million (1986 dollars) . As a result of its consistent variance in track and drifting track , Wayne brought torrential rains through its path to the Philippines , Taiwan , southeastern China , Hainan Island , and Vietnam . In Hong Kong , winds gusted to 78 knots (144 km / h) at Tate 's Cairn . During its various passages of Hong Kong , a total of 295 millimetres (11 @. @ 6 in) of rainfall accumulated at Sai Kung . A total of 523 @. @ 5 millimetres (20 @. @ 61 in) of rainfall was recorded at Clark Air Force Base in the Philippines . Thirty @- @ six perished in the Philippines . A total of 490 fatalities (with dozens of casualties in Vietnam) , tens of thousands left homeless , and US \$ 399 million (1986 dollars) in damage can be attributed to Typhoon Wayne . Despite its impact on the region and longevity , the name Wayne was not retired from the western Pacific naming list , being used again in 1989 . At the same time , President Corazon Aquino declared a state of calamity over Northern Luzon .