

= Typhoon Nancy ( 1982 ) =

Typhoon Nancy , known in the Philippines as Typhoon Weling , was a destructive typhoon that moved through Vietnam and the Philippines during October 1982 . The typhoon originated from an area of convection and was first classified as a tropical cyclone on October 10 . The system attained gale @-@ force winds the next day , and slowly deepened thereafter . Although Nancy initially moved west , the system maintained a general westward course for much of its duration , striking Luzon on October 14 at peak intensity of 215 km / h ( 130 mph ) . It weakened to tropical storm strength overland , but re @-@ intensified to typhoon intensity over the South China Sea . Nancy hit northern Vietnam on the October 18 , and weakened almost immediately thereafter , before dissipating on October 20 inland over Vietnam .

In the Philippines , damage was the worst in Cagayan and Isabela . In the former , 4 @, @ 378 homes were destroyed while 2 @, @ 250 houses were destroyed in the latter . Nationwide , 96 people were killed and 30 others were listed as missing . Additionally , 186 were injured . A total of 12 @, @ 464 homes were destroyed while 34 @, @ 111 others were damaged . Moreover , 301 @, @ 431 persons were " affected " by the storm , or 51 @, @ 532 families . Damage totaled to \$ 56 million ( 1982 USD ) , including \$ 18 million from infrastructure and \$ 26 million from agriculture . While striking Vietnam , the typhoon killed 30 people . Around 72 @, @ 000 homes were destroyed , leaving 125 @, @ 000 people homeless . Throughout the country , 450 @, @ 000 acres ( 182 @, @ 110 ha ) of rice were destroyed .

= = Meteorological history = =

Typhoon Nancy originated from a large area of convection situated in the middle of the Pacific Ocean , which began to consolidate on October 8 within a favorable environment aloft . The convection separated from an upper @-@ level low embedded within a tropical upper @-@ tropospheric trough ( TUTT ) . Later that day , the area of convection degenerated into a " random area of cloudiness . " The TUTT drifted west while the Joint Typhoon Warning Center ( JTWC ) reported that a tropical depression formed within the area of convection that was now located south of the TUTT . Early on October 10 , the Japan Meteorological Agency ( JMA ) started watching the system . At 0730 UTC , a Tropical Cyclone Formation Alert was issued by the JTWC while located 370 km ( 230 mi ) north of Guam .

Following an increase in reorganization , a Hurricane Hunter flight indicated winds of 50 km / h ( 30 mph ) early on October 11 . Later that morning , the JMA upgraded the cyclone into a tropical storm . Following Hurricane Hunter reports , which indicated winds of 65 km / h ( 40 mph ) and a barometric pressure of 999 mbar ( 29 @. @ 5 inHg ) . Based on this , the JTWC upgraded the depression into a tropical storm and named it Nancy . Initially , the JTWC expected the system to track northwards and eventually re @-@ curve , but this did not occur . Nancy maintained its intensity for 24 hours while tracking westward before rapidly turning west due to a change in steering patterns . Meanwhile , the Philippine Atmospheric , Geophysical and Astronomical Services Administration also monitored the storm and assigned it with the local name Weling . Midday on October 12 , the JMA upgraded Nancy into a severe tropical storm . At 0000 UTC on October 13 , the same agency classified Nancy into a typhoon . Later that day , the JTWC followed suit . By midday on October 14 , the JTWC predicted Nancy to turn northwest into China due to the anticipation of a mid @-@ latitude trough south of South Korea deepening . At 0600 UTC , the JMA reported that Nancy reached its peak intensity of 185 km / h ( 115 mph ) and a minimum pressure of 935 mbar ( 27 @. @ 6 inHg ) . Meanwhile , the JTWC reported peak intensity of 215 km / h ( 130 mph ) , a Category 4 hurricane equivalent on the United States @-@ based Saffir @-@ Simpson Hurricane Wind Scale ( SSHWS ) . Six hours later , Typhoon Nancy moved ashore in northern Luzon while still at peak intensity .

The storm rapidly weakened over land . Although the JTWC downgraded Nancy to a tropical storm , the JMA kept the storm at typhoon intensity throughout landfall . After entering the South China Sea , the JTWC upped Nancy to typhoon status as it entered an area with favorable mid- to upper @-@

level winds . Continuing to gain strength , the JMA raised the intensity of Nancy to 130 km / h ( 80 mph ) on October 16 . Shortly thereafter , Nancy crossed Hainan Island . After weakening slightly overland , the storm resumed strengthening once offshore . According to the JMA , Nancy attained a secondary peak , with winds of 135 km / h ( 85 mph ) at 0600 UTC on October 17 . The tropical cyclone moved on a slow northwesterly track along the southern periphery of the ridge . While passing slightly north of the Paracel Islands , the JTWC estimated winds of 145 km / h ( 90 mph ) , equivalent to a high @-@ end Category 1 hurricane on the SSHWS . Late on October 18 , Nancy made landfall along the coast of Vietnam , just north of Vinh . At the time of landfall , both agencies estimated that Nancy was a typhoon . Within hours , the convection ceased , though the JMA kept monitoring the system until October 20 , when it finally dissipated .

= = Impact = =

= = = Philippines = = =

Prior to the arrival of Nancy , typhoon warnings were issued for much of Luzon . Many residents left for shelter prior to landfall . Typhoon Nancy passed through 10 provinces in the Philippines , resulting in widespread destruction . Damage was the worst in Cagayan and Isabela , where 56 people were hurt . In the former , 4 @,@ 378 dwellings were destroyed . In Isabela , 2 @,@ 250 houses were destroyed , displacing 35 @,@ 744 residents . Along a river in Isabela , ten bodies were found . Elsewhere , 800 homes were destroyed in Tuguegarao , leaving 1 @,@ 000 homeless and two injured . In Kalinga @-@ Apayao , four fatalities occurred . Throughout the nation , many roads were closed due to mudslides . Mass destruction was reported in rice fields , as well as tobacco and cotton plantations . However , this total was later revised upwards to \$ 56 million ( 1982 USD ) , which includes \$ 18 million from infrastructure and \$ 26 million from agriculture . A total of 96 people died ; 81 of the fatalities were from just three provinces . Most of the deaths were by drowning . Thirty others were rendered as missing and 186 people were injured . A total of 12 @,@ 464 dwellings were destroyed while 34 @,@ 111 others were damaged . Furthermore , 301 @,@ 431 people were " affected " by the storm , or 51 @,@ 532 families .

= = = Vietnam = = =

While making landfall in central Vietnam , winds of 140 km / h ( 85 mph ) were measured due to the typhoon . A total of 30 persons perished . Around 72 @,@ 000 homes were destroyed . Moreover , 125 @,@ 000 people were left homeless in Vinh . In all , 450 @,@ 000 acres ( 182 @,@ 110 ha ) of rice were destroyed ; approximately 150 @,@ 000 acres ( 60 @,@ 705 ha ) of rice were submerged in the Thanh Hóa province alone . In addition , many houses were submerged in Nghe Tinh . Bình Tr? Thiên was also affected by Nancy , but no casualties occurred there .