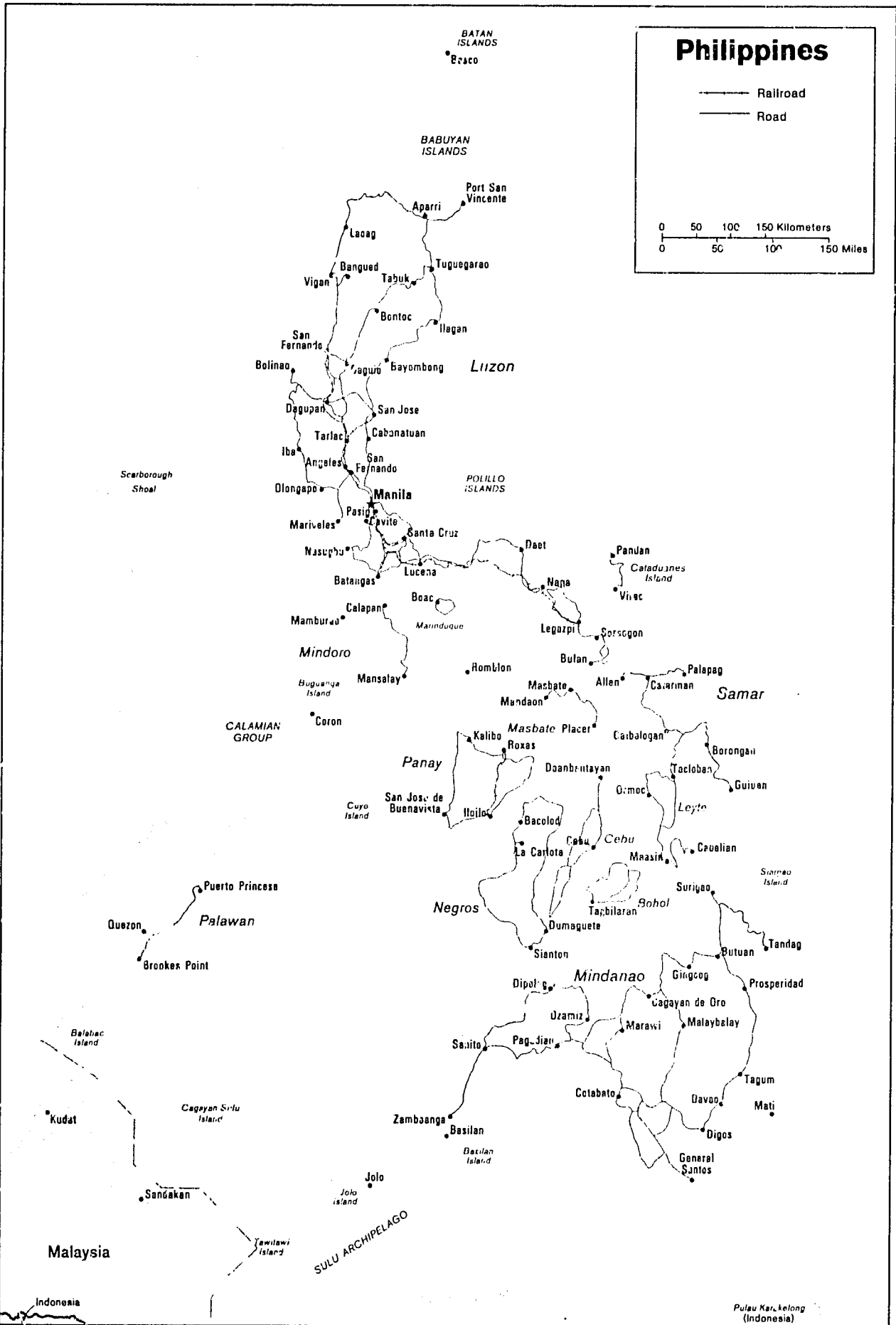


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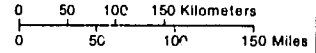
Tropical Cyclone Disasters in the Philippines
A Listing of Major Typhoons by Month Through 1979

Office of U.S. Foreign Disaster Assistance
Agency for International Development
Washington, D.C. 20523



Philippines

- Railroad
- Road



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Prepared for
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by

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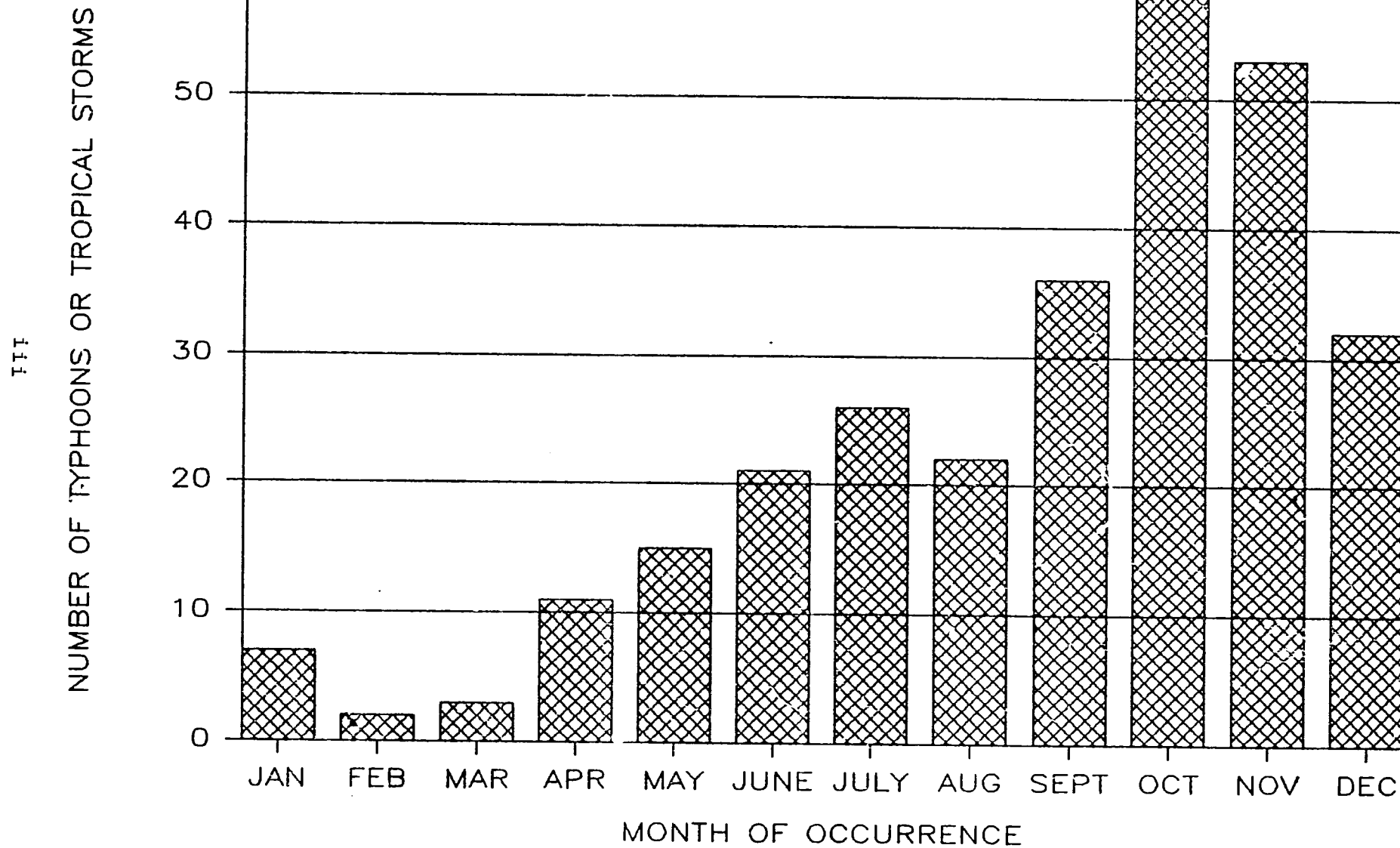
Tropical Cyclone Disasters in the Philippines:
A Listing of Major Typhoons by Month Through 1979

The following list of tropical cyclone disasters in the Philippines covers most completely the nineteenth and twentieth centuries and has been compiled with the use of sources which give some indication of the severity of past storms. Included also are some historical storms of earlier centuries as recorded by the Rev. Miguel Selga, S.J. in Charts of Remarkable Typhoons in the Philippines 1902-1934; Catalog of Typhoons 1348-1934, the principal data source for the years through 1934. Information concerning typhoons during the years 1942-1947 is scanty or lacking; hence, disastrous storms that may have occurred during that period are not described.

Cyclonic storms were locally referred to as "baguios" in the Philippines, and that term is used in this report when quoting early texts.

TYPHOON DISASTERS IN THE PHILIPPINES

1800 to 1979



January

1500 - 1600

1600 - 1700

1629, January 17 - considerable damage from typhoon in island of Marinduque

1700 - 1800

1800 - 1900

1875, January 1 - storm destroyed bridges, roads, houses, crops in Samar; caused damage in Burias, Cuyo and Culion and many deaths in shipwrecks off Zambales

1900 - 1979

1916, January 10-16 - storm passed close to Guiuan and Tacloban; remained more than a day over Biliran Is.; very destructive to crops

1916, January 16-24 - some loss of life in floods from typhoon over Mindanao and great destruction to houses, livestock, crops; Agusan Province most affected

1931, January 2-5 - storm crossed Leyte, Camotes Islands, N Cebu, N Negros, central Panay; damage about 6 million pesos. (Note: American Red Cross donated 20,000 pesos, local chapter 15,000 for relief work. Governor-general issued proclamation asking for citizen aid to special typhoon fund.)

1955, January 2-7 - storm crossed Mindanao E-W; heavy damage from floods

1972, January 6-9 - Typhoon Kit crossed Visayan Islands; 204 dead; \$23 million damage

1975, January 22-28 - Typhoon Lola struck sugar-producing provinces of central Philippines; 30 dead; 300 houses destroyed in storm surge at Tandag

February

1500 - 1600

1600 - 1700

1700 - 1800

1800 - 1900

1900 - 1979

1939, February 3-16 - from Pacific, depression caused heavy rains over Samar and neighboring islands, floods in NE Mindanao, inundation of seed-beds in Agusan Province

1970, February 18-27 - Typhoon Nancy passed NE of Catanduanes; property damage on Samar and Catanduanes estimated at \$1 million

March

1500 - 1600

1600 - 1700

1700 - 1800

1800 - 1900

1870, March 8-9 - strong baguio in Samar destructive to buildings, ships

1871, March 25-29 - severe typhoon crossed Visayas and southern Luzon; great damage to rice, tobacco and coconut crops; 11 dead in shipwreck

1874, March 4-5 - strong baguio over Samar, Leyte, Panay; heavy damage to homes and even to substantial structures such as churches, convents

1900 - 1979

April

1500 - 1600

1600 - 1700

1700 - 1800

1800 - 1900

1866, April 25-May 5 - strong typhoon in provinces of southern Luzon, Burias, Panay and Mindoro; many houses and ships destroyed; at least 9 dead in shipwreck

1871, April 4 - strong baguio crossed southern Visayas; very destructive to buildings (300 in Leyte alone), roads, ships

1900 - 1979

1932, April 29-May 5 - small but severe typhoon crossed Sulu Archipelago; 147 dead, 2,500 homeless; 5 million pesos damage; destructive also in Indochina

1940, April 25-May 1 - from E of Mindanao, typhoon crossed northeastern part of island, passed between northern coast and Negros, crossed Sulu Sea and Palawan; 3 fatalities; damage to towns along eastern and northern coasts of Mindanao

1951, April 24-May 9 - Typhoon Iris crossed central Samar, skirted southern coast of Luzon; 156 casualties; damage in excess of 18 million pesos

1956, April 16-24 - Typhoon Thelma crossed northern Luzon with greatest force on eastern coast of northern Quezon Province; casualties and damage undetermined

1960, April 22-25 - Typhoon Karen moved from E of Cebu NNW, passing SW of Manila; at least 56 dead or missing; \$2 million damage to crops and public works

1967, April 4-12 - Typhoon Violet (Karing) crossed northern Luzon; 3 dead; considerable damage

1971, April 22-May 3 - Tropical Storm Wanda crossed Visayas and Palawan Island; 56 dead, 39 missing; \$700,000 damage

1978, April - Typhoon Caroline crossed central Philippines; 500 families homeless

1979, April 15 - Typhoon Cecil (Bebeng) struck Leyte and near-by islands; at least 18 dead, 49 injured; 96,000 families affected of which 8,900 homeless; damage estimated at \$10 million; crops, rural communications affected

May

1500 - 1600

1600 - 1700

- 1654, May 29 - strong typhoon between San Bernardino Strait and Manila. (Selga records that storm lasted 15 days and caused unbelievable sufferings to survivors.)

1700 - 1800

1800 - 1900

- 1867, May 3 - storm caused extensive damage to houses and vessels in Leyte; Burias affected on 4th; several dead in shipwreck
- 1870, May 5 - violent baguio in Leyte and Samar destroyed many houses, bridges, fruit trees; also destructive along western coast of Negros and in Iloilo; several fatalities; heavy maritime losses
- 1870, May 11-12 - destructive storm over parts of Luzon; several ships wrecked or run aground
- 1877, (or 1887), May 27-June 3 - strong baguio along coast of Ilocos affected also Pangasinan and Isabelita; heavy damage to tobacco crop, buildings, culverts, wooden bridges
- 1895, May 8-17 - typhoon crossed S Samar, N Panay and S Mindoro, recurved in China Sea and crossed Luzon through Zambales, Pampanga and Nueva Ecija; great destruction in Zambales; many lives lost in shipwreck near Capones

1900 - 1979

- 1908, May 23-31 - moving NE, typhoon approached northwest Luzon and crossed Balintang Channel; disastrous in northwest Luzon
- 1913, May 3-11 - very destructive typhoon crossed southern Samar, Tablas and southern Mindoro; recurved to cross northwestern Luzon
- 1927, May 22-31 - from E of Samar, typhoon crossed Luzon, passing near Dagupan; steamer "Negros" wrecked near Romblon with many lives lost
- 1953, May 29-June 6 - Typhoon Judy crossed northern Luzon; 16 casualties; 3 million pesos damage
- 1960, May 24-31 - Tropical Storm Lucille moved NE across Luzon (max. winds and rainfall at Manila); 234 casualties; 16.5 million pesos damage. (Figures from Table II, "Proceedings of the India-Philippine Symposium on Tropical Cyclones and Tropical Meteorology.")
- 1962, May 16-21 - Typhoon Hope crossed central Philippines; casualties undetermined; considerable damage
- 1965, May 21-27 - Typhoon Amy recurved NE 100 miles E of Casiguran; 8 dead, 4 missing

- 1966, May 11-22 - Typhoon Irma crossed Samar, N Leyte and Visayan Sea, recurved to affect coastal regions from Manila to Baguio; 18 dead, 116 missing; many houses destroyed and fishing boats sunk
- 1971, May 24-30 - Typhoon Dinah affected northern coast of Samar and central Philippines; 13 dead, 44 missing, 6,500 homeless; 3.8 million pesos damage
- 1976, May 20-27 - Typhoon Olga crossed lowlands of Luzon, enhancing southwest monsoon which caused heavy rains; 200 dead, thousands homeless

June

1500 - 1600

1589, June 29 - "furious" typhoon over Manila Bay destroyed many vessels

1600 - 1700

1639, June 27 - destructive typhoon over Manila Bay; great damage to houses and small vessels; many people drowned

1700 - 1800

1753, June 24 - very strong typhoon in Siquijor, Cebu and southern Negros

1756, June 25 - strong baguio in Manila Bay

1800 - 1900

1866, June 5-9 - severe typhoon in provinces of Cagayan, La Union, Ilocos, and Abra; 5 dead

1871, June 24 - considerable damage to buildings and vessels from baguio in Samar and southern and central Luzon

1873, June 21-31 - storm caused considerable damage in Masbate, Capiz, Romblon, Laguna, Tayabas, Zambales, and Ilocos

1881, June 27-30 - considerable damage to houses, roads, bridges in Laguna and Maror; from hurricane winds

1900 - 1979

1903, June 1-8 - The Capiz Typhoon - of small diameter but great intensity; moved from E of Mindanao to N of Surigao and across Leyte, northern Cebu and northern Panay; later disastrous in Indochina

1905, June 28-July 4 - typhoon from Pacific crossed Balintang Channel; damage great in Batan Island

1919, June 3-12 - The Vicentica Typhoon - from Pacific, crossed Sorsogon, Camarines, Tayabas, Laguna, passed between Cavite and Manila and over Zambales; steamer "Vicentica" wrecked off Sorsogon with loss of life

1923, May 27-June 8 - typhoon from Pacific caused great damage in Samar, Leyte, Masbate, Albay and Camarines

1923, June 25-July 3 - from Pacific, typhoon crossed northern Luzon; considerable damage in Manila (100 miles to S) from strong winds

1925, June 21-27 - from E of Samar, typhoon crossed provinces of Tayabas, Nueva Ecija, and Pangasinan; houses destroyed and trees uprooted in Daet and Paracale

1941, June 23-July 4 - from Pacific, typhoon crossed northern Luzon; 10 deaths; considerable crop damage

1949, June 30-July 10 - Tropical Storm Elaine crossed northern tip of Surigao, Cebu, Panay, and Mindoro; 3 casualties; nearly 4 million pesos damage

- 1952, June 28-July 5 - Typhoon Emma passed close to Surigao, N of Cebu and through Calamianes; 19 dead, 103 injured; 14.5 million pesos damage
- 1960, June 23-28 - Typhoon Olive passed 25 miles N of Manila; 100 killed, hundreds missing (mostly fishermen), 50,000 homeless; city paralyzed; much damage to crops
- 1963, June 18-July 1 - Typhoon Trix crossed northern Luzon with torrential rains; at least 3 dead; damage from flooding estimated at \$250,000
- 1964, June 26-July 3 - Typhoon Winnie crossed central Luzon over Manila; about 40 dead or missing, 500,000 homeless in Manila and central Luzon; heavy damage to coconut and abaca plantations; several aircraft damaged and a destroyer sunk. (Note: the OFDA Disaster History records 56 dead, 924,125 homeless and \$8 million in damages.)
- 1971, June 13-18 - Typhoon Freda struck northeastern Luzon; 5 dead; considerable damage
- 1971, June 23-28 - Typhoon Gilda made landfall at Samar, crossed Masbate, Sibuyan Sea, and Mindoro; 1 dead; 790 homes destroyed
- 1972, June 23-27 - Typhoon Ora crossed southern Luzon; 131 dead, 385,000 homeless; flooding in Manila interrupted electrical and water service; \$15 million damage
- 1974, June 8-12 - Typhoon Dinah crossed Luzon with flooding from torrential rains; 73 dead, 33 missing; \$1 million in damages
- 1976, June 23-July 3 - Typhoon Ruby crossed central Luzon; 16 dead in mudslides

July

1500 - 1600

1600 - 1700

- 1603, July 11 - record of violent storm in strait of Mariveles at entrance to Manila Bay
- 1694, July 3 - galleon "San José" ran aground on island of Luban; 400 dead

1700 - 1800

- 1717, July - very destructive typhoon in northern Samar, especially in town of Palapag where hardly a house remained
- 1726, July 23 - record of shipwreck off Ticao Island in "furious" baguio

1800 - 1900

- 1869, July 17-21 - much destruction from typhoon in provinces of Leyte, Burias, and Mindoro and in Marinduque where bridges, roads and plantations were destroyed
- 1872, July 28 - strong baguio in northern Luzon; roads and bridges damaged, newly-transplanted rice fields and corn crop destroyed
- 1875, July 18-22 - severe storm with much destruction of crops and property; Leyte, Catbalogan, Masbate, Marinduque, Zambales most affected
- 1877, July 17-18 - storm in southern Visayas destroyed food crops in Leyte, bridges and houses in Cebu

1900 - 1979

- 1902, July 13-18 - originating in Visayas, typhoon crossed Masbate, Tablas, and Mindoro; steamer and many small boats wrecked
- 1902, July 24-28 - from Pacific, typhoon crossed northern Luzon; secondary cyclone destructive at Malabang and in area south-east of Lake Lanao
- 1904, July 27-29 - small typhoon of high velocity crossed Visayas; considerable destruction of nipa houses of Iloilo
- 1911, July 11-19 - moving WNW, typhoon crossed northern Luzon with very heavy rains
- 1911, July 25-August 6 - moving WNW, typhoon crossed Babuyan Islands, causing heavy rains in Ilocos provinces
- 1921, July 14-16 - The Batanes Typhoon - from Pacific, passed Batan Islands; radio tower, most buildings at Basco destroyed
- 1922, July 27-August 3 - The Swatow Typhoon - one of worst ever in Far East; from E of central Luzon, moved WNW, crossing Balintang Channel; tidal wave accompanied typhoon in Swatow, China, where an estimated 100,000 persons died
- 1926, July 3-5 - small but intense typhoon crossed Samar, Masbate, and Romblon; considerable damage in towns near center
- 1932, July 23-30 - from Pacific, typhoon crossed Balintang Channel, E of Aparri and SE of Basco; large sailboat wrecked near Diriqui with all hands lost

- 1934, July 15-23 - from E of northern Luzon, typhoon moved NW and WNW; landslides near Baguio; 4 deaths by drowning in floods
- 1939, July 7-13; 10-17; 20-27; 22-24 - series of typhoons near northern Philippines caused 2 deaths and considerable damage from heavy rains
- 1939, July 28-August 8 - from Pacific, disturbance moved NW, developing into typhoon; did not cross Philippines but caused heavy rains; whirlwind in Vigan, Ilocos Sur, caused considerable damage to buildings
- 1951, July 25-August 1 - Typhoon Louise crossed northern Luzon; 38 casualties; 5.5 million pesos damage
- 1957, July 12-16 - Typhoon Wendy crossed northern Luzon; casualties undetermined; considerable damage
- 1962, July 8-23 - Typhoon Kate moved WNW off north coast of Luzon while still tropical storm; casualties undetermined; considerable damage from flooding
- 1965, July 9-14 - Typhoon Freda crossed Luzon, caused floods in Mindanao; 82 casualties; 5 million pesos damage
- 1969, July 21-28 - Supertyphoon Viola had circulation extending to Philippines and Taiwan; 20 deaths in the 2 areas
- 1971, July 11-15 - Typhoon Jean crossed central Philippines causing local flooding; casualties and damage undetermined
- 1971, July 16-22 - Supertyphoon Lucy passed 50 miles S of Batan Islands; severe flooding and landslides in central and northern Luzon
- 1972, July 6-28 - Typhoon Rita did not enter Philippines, but enhanced southwest monsoonal flow over Luzon causing disastrous flooding; 214 dead; \$150 million damage. (Note: the OFDA Disaster History records 653 dead, over 370,000 homeless, and \$220 million in damages from floods triggered by tropical storms in July and August.)
- 1972, July 4-15 - as weak depression, Susan crossed Philippines, further intensifying monsoon flow; casualties and damage included in preceding
- 1974, July 17-22 - Typhoon Ivy crossed Luzon; 20 dead, 46 missing in addition to 42 fishermen lost in Pclillo Islands; 50% of houses destroyed at Baler; \$2 million damage to crops, structures, livestock

August

1500 - 1600

1500 - 1700

- 1620, August 2 - severe typhoon over Samar
- 1639, August 5 - strong typhoon over China Sea and western coast of Luzon; several ships in the Manila - Acapulco trade, wrecked in vicinity of Philippines, resulted in 750 deaths, heavy material losses

1700 - 1800

- 1782, August 14 - strong baguio over Manila; considerable damage in Cavite
- 1793, August - record of ship sunk in a typhoon in vicinity of Panay

1800 - 1900

- 1863, August 29 - strong typhoon in Manila; extensive damage from high water and winds; trees uprooted and houses unroofed
- 1873, August 30 - typhoon destroyed rice fields and houses in Ticao and Masbate; roads, churches, convents in Capiz damaged by winds
- 1881, August 16-22 - moving NW, typhoon crossed Luzon through Camarines Norte, Nueva Viscaya, Mountain, and La Union; hail-storm and waterspout in Manila on 18th; lighthouse in Bay of Manila destroyed as were many small craft
- 1881, August 19-20 - serious damage from typhoon in Cagayan; hurricane winds and heavy rains in Baler
- 1888, August 14-18 - from NE of Luzon, typhoon moved NW to Formosa; tornado destroyed town of Oton, Panay, and developed into depression

1900 - 1979

- 1905, August 22-31 - from Pacific, typhoon crossed Balintang Channel with enormous damage to buildings and crops in Batanes
- 1911, August 21-29 - from Pacific, severe storm with hurricane winds and torrential rains struck Santo Domingo and Basco
- 1920, August 31-September 1 - The Manila Typhoon - from China Sea, 150-200 miles west of Manila, typhoon moved E by N across provinces of Bataan, Rizal, Bulacan and northern Tayabas, the center passing near Manila; great damage to buildings, traffic, trees, shipping
- 1924, August 20-25 - from east of San Bernardino Strait or northern Samar, typhoon crossed Luzon; considerable damage to crops and property
- 1931, August 7-20 - typhoon caused heavy rains and rough seas in China Sea and along western coast of Luzon; floods in Manila and surrounding provinces among worst ever experienced
- 1940, August 14-24 - from Pacific, typhoon passed between Tuguergarao and Aparri in northern Luzon and entered Balintang Channel; 9 casualties; floods over large areas of central Luzon

- 1941, August 15-24 - small typhoon about 350 miles E-NE of Basco, Batanes; reports of damage from rains
- 1945, August 4-9 - tropical depression crossed northern Luzon, developing into intense storm in South China Sea; heavy rains covered most of northern Philippines on 5th
- 1948, August 27-September 2 - Typhoon Gertrude crossed northern Luzon; casualties undetermined; 6 million pesos damage
- 1956, August 27-30 - Typhoon Charlotte crossed northern Luzon; casualties undetermined; considerable damage
- 1961, August 20-25 Typhoon Lorna passed 45 miles northeast of Batan Island; casualties undetermined; 1 million pesos damage
- 1963, August 10-15 - Typhoon Carmen crossed northern Luzon; one dead, thousands homeless; considerable damage to crops, property
- 1964, August 4-7 - Typhoon Ida crossed northern Luzon; 11 dead; widespread flooding and crop damage
- 1970, August 31-September 2 - tropical depression did not hit Philippines but caused considerable damage. (Note: the OFDA Disaster History records that Typhoon Fran on this date and Typhoon Georgia on 9/12 left a combined total of 137 dead and 78,000 homeless. Typhoon Fran is not listed in the Annual Summary of the NOAA Environmental Data Service.)
- 1978, August (mid-month) - Tropical Storm Heling brought floods to wide areas of Luzon; 50 fatalities, hundreds evacuated; Cavite inundated
- 1978, August 23-26 - Tropical Storm Miding caused more severe flooding and landslides in Baguio area; 17 deaths, 20,000 taken to higher ground
- 1979, August 12-14 - Typhoon Irving hit northern Luzon, causing flooding and landslides, cutting off roads and damaging crops; 6 killed, 10,000 homeless

September

1500 - 1600

1600 - 1700

1687, September 26 - English privateer, Dampier, recorded "violent tempest" in Bashi Channel

1700 - 1800

1762, September 30 - strong typhoon over Manila Bay while British were sieging city of Manila

1779, September 27 - church of Imus, Cavite, blown down in storm

1800 - 1979

1830, September 16 - record of three calamities in Manila: flooding from Pasig River, earthquake shocks, and baguio

1865, September 27 - seventeen vessels stranded on shore of Manila in baguio

1866, September 6-9 - storm in China Sea off coast of Antique; heavy rains damaged roads in northern part of province

1867, September 7 - brief but strong baguio caused serious damage in Santo Domingo de Basco, Batan Islands

1867, September 20-26 - violent storm caused inundation of Manila and suburbs; huge waves in bay forced 17 ships against shore; 1,800 deaths and enormous damage from flooding of Abra River in Ilocos

(Note: According to Selga's account: "The Ayuntamiento, with the consent of (General) Gandara, distributed 3,000 pesos to aid the sufferers of the storm. The officials and religious corporations exerted every effort to better the conditions of the injured and of those unable to leave their houses during the progress of the inundation. By Royal Decree of the 21st of December, the expenditures incurred were approved and La Dirreccion de Administration was instructed to appropriate in the coming budget, a certain sum under the item 'Public Calamities' to spend in similar cases of emergency.")*

1870, September 24 - severe typhoon in Luzon provinces; considerable damage to buildings, roads, bridges, crops (nurseries a total loss in Isabelana and Cagayan)

1871, September 29 - severe baguio destroyed bridges, roads, houses in Panay, hundreds of light houses in Albay and Camarines; destructive also in provinces of Tayabas, Laguna, Nueva Ecija, Pampanga and Zambales

* Rev. Miguel Selga, S.J., Charts of Remarkable Typhoons in the Philippines 1902-1932. Catalog of Typhoons 1348-1934 (Manila, 1935), p. 35.

- 1872, September 7 - destructive typhoon in northern Luzon provinces (see Selga for details)
- 1874, September 3-4 - violent storm over northern Luzon provinces; heavy damage to buildings and crops
- 1874, September 17 - severe and destructive storm over La Union, Zambales, Bayambang, and Tuguegarao
- 1874, September 21-22 - destructive storm in Vigan and Batan Islands
- 1881, September 27-October 6 - typhoon moved WNW through Camarines, Tayabas and Batangas, causing much destruction; 20,000 killed in Tonking in same storm from high wave
- 1890, September 28-October 3 - typhoon crossed N Catanduanes, Polillo and provinces of Nueva Ecija, Tarlac, and Zambales; considerable damage in Manila area
- 1893, September 28-October 3 - typhoon caused severe damage while crossing Luzon
- 1894, September 15-18 - typhoon entered Luzon and divided: one branch moved west to Zambales; the other crossed Pangasinan and La Union; considerable damage

1900 - 1979

- 1905, September 21-29 - The Cantabria Typhoon - moved NW across Sorsogon, Tayabas, Batangas, Cavite and Zambales; over 240 dead, including 104 persons lost in wreck of "Cantabria" near Ticao
- 1906, September 20-29 - from E of Guam, typhoon passed over Baler and south of Baguio before entering Lingayen Gulf; wide area of rain
- 1908, September 18-24 - The Tarlac Typhoon - from Pacific, entered Samar, crossed southern Masbate, Tablas, and Mindoro; "Tarlac" wrecked near Borongan; great damage in the provinces and to shipping
- 1912, September 21-October 4 - moving W, typhoon passed close to Cape San Vicente, Cagayan, where several were killed in heavy seas
- 1922, September 11-21 - The Babuyan and Ilocos Typhoon - originating in Pacific, moved generally W, recurved to SW and passed close to western coast of Luzon; great destruction in Ilocos and Cagayan
- 1927, September 16-21 - from E of central Luzon, typhoon struck eastern coast, nearly destroying town of Baler
- 1929, September 1-6 - from E by S of Manila, typhoon moved slowly W; severely felt in Catanduanes and in provinces of Sorsogon, Albay, Camarines Sur, and Camarines Norte
- 1934, September 1-11 - from Pacific, typhoon crossed Balintang Channel; floods in northern Luzon destroyed crops and bridges
- 1934, September 27-October 2 - from Pacific, typhoon crossed Cagayan Valley; much damage in northern Luzon
- 1935, September 11-21 - violent typhoon moved WNW to north of Manila on 14th; no data on damages

- 1941, September 7-17 - from Pacific, storm crossed northern Luzon, entering China Sea south of Vigan, Ilocos Sur; no fatalities but considerable damage to partly matured crops
- 1941, September 30-October 2 - moving N and NE, typhoon entered Luzon over southern Zambales Province; 2 dead; considerable property damage (90% of houses destroyed at Calatagan); 2 ocean-going vessels damaged when blown ashore
- 1948, September 2-5 - Typhoon Hazel passed NNE of Basco; no casualties but about 2 million pesos in damage
- 1950, September 27-October 5 - Typhoon Ossie struck northern Luzon; 9 casualties; about 4 million pesos damage
- 1955, September 19-24 - Typhoon Kate crossed northern Luzon; casualties undetermined; considerable damage
- 1963, September 7-11 - Typhoon Gloria affected northern and central Luzon; 13 dead, 16 injured; heavy damage to crops, homes, public utilities
- 1964, September 7-9 - Typhoon Sally brushed northern Luzon; casualties undetermined; considerable damage; disastrous rains in Korea from storm remnants
- 1968, September 24-29 - Supertyphoon Elaine affected northern Luzon; 2 dead; 2.5 million pesos damage
- 1970, September 8-21 - Supertyphoon Georgia struck Luzon; 95 dead, 80 missing; town of Casiguran virtually leveled; \$1.4 million damage
- 1977, September 14-23 - Typhoon Dinah crossed northern Luzon; 15 dead, 11 missing
- 1978, September 27 - Typhoon Lola hit southern Philippines, disrupting rail traffic and communications; no reports of casualties or damages

October

1500 - 1600

Ships' logs record several typhoons in and near the Philippines in latter part of sixteenth century

1600 - 1700

- 1617, October 10-15 - severe storm in Visayas killed over 1,000 persons in shipwrecks
- 1649, October 5 - 200 persons lost in shipwreck in San Bernardino Strait during a typhoon
- 1658, October 18 - severe typhoon over Visayas; nearly all passengers lost when boat sank near Burias

1700 - 1800

- 1766, October 23 - destructive baguio in town of Albay and Camarines; severe flood with water appearing to come from center of Mayon Volcano (see Selga)
- 1767, October 23 - Manila inundated as result of rains and high tides in a typhoon; 500 deaths in San Mateo alone

1800 - 1979

- 1821, October 17 - ship wrecked in typhoon off Lubang Island with many dead and cargo lost
- 1831, October 22 - one of worst baguios in Philippines history destroyed many ships, caused damage in excess of 1 million pesos; 150 drowned between Cavite and Tondo alone; 33,357 houses destroyed in Tondo, Bulacan, Bataan, Cavite and Laguna
- 1839, October - considerable damage in Manila from typhoon
- 1844, October 24 - typhoon caused considerable damage in Manila and provinces of Pampanga, Pangasinan, and Zambales
- 1845, October 7 - violent typhoon on Cagayan coast; 9 towns destroyed; many persons killed or injured
- 1866, October 12-22 - winds and heavy rains damaged provinces of Morong, Cavite, Laguna, Batangas, Bulacan, Nueva Ecija and Pampanga; much destruction from floods as lakes and rivers (Pampanga, Cagayan) overflowed banks
- 1869, October 20-25 - much destruction in Pangasinan and Zambales from floods caused by heavy rains during typhoon; seed-beds and curing sheds destroyed in Cagayan
- 1870, October - strong typhoon in province of Misamis caused destruction of houses, rice-fields, livestock
- 1871, October 5 - great damage from wind and floods in typhoon over central and northern Luzon; several deaths, heavy losses in public buildings, roads, seed-beds, tobacco nurseries, private houses, property, livestock (see account in Selga)
- 1872, October 12 - extremely destructive typhoon in Samar, and especially in Bicol provinces, also affected Zambales, Antique and northern Abra; great damage to buildings, seed-beds, trees, roads
- 1873, October 18 - damage from baguio slight in Catbalogan but considerable to buildings, roads, bridges in Panay

- 1873, October 25 - destructive storm in provinces of Tayabas, Laguna, Batangas, Cavite, and Bataan; many deaths; heavy damage to buildings
- 1873, October 28 - described as storm causing greatest injuries in 1873; very destructive to buildings and crops in Samar, Leyte, Masbate, Ticao, Romblon, and Mindoro; many maritime disasters (see Selga's account)
- 1875, October 11 - violent baguio in Santo Domingo de Pasco, Batan Islands; many buildings damaged
- 1875, October 24-31 - typhoon in Visayan provinces and southern Luzon destructive to buildings, roads, bridges, crops, many animals
- 1879, October 8 - moving WNW across Luzon, baguio hit Manila and eastern coast but caused damages also in Zambales, Tarlac, and La Union
- 1882, October 18-22 - moving WNW, typhoon crossed Luzon N of Manila; known as great typhoon of Manila and nearby provinces
- 1897, October 7-16 - moving E-W, typhoon crossed Samar, Leyte, and S Mindoro; giant wave in southern Samar and northern Leyte destroyed several towns, killed about 1,500 people; many boats wrecked

1900 - 1979

- 1903, October 16-17 - from east of northern Luzon, typhoon crossed Babuyan Islands; considerable damage in Ilocos provinces and Cagayan Valley
- 1906, October 3-10 - moving NW, typhoon divided into two centers: one moved W as shallow depression over Luzon, causing destructive floods in Cagayan Valley; the other moved NW toward Japan
- 1908, October 9-15 - moving WNW and NW, typhoon crossed province of Cagayan between Tuguegarao and Aparri causing inundations and enormous damage in Cagayan Valley and Ilocos; storm wave accompanied typhoon; extremely high surf at Aparri and Basco
- 1909, October 17-18 - moving WNW, typhoon crossed Cagayan and Ilocos Norte; strong winds and heavy rains for several hours
- 1909, October 22-26 - from Pacific, typhoon passed north of and close to Catanduanes, approached Polillo Island, crossed Tayabas, Nueva Ecija, Pangasinan and Zambales provinces; typhoon winds and heavy seas
- 1909, October 26-November 1 - moving WNW, typhoon crossed Mindanao, north of Davao and through Cotabato; destructive winds; cyclonic wave in Suvigiao River
- 1912, October 14-18 - from 300 miles E of Leyte, typhoon crossed Cebu and Mindoro with great destruction to life and property in Leyte and Cebu
- 1915, October 21-28 - from Pacific, typhoon crossed provinces of Camarines, N of Marinduque, S of Batangas and within 60 miles to S of Manila; 95% of houses destroyed in narrow area affected
- 1919, October 10-20 - from Pacific, small typhoon crossed Leyte, Cebu, Negros, Panay and Palawan; great damage from rains and floods
- 1924, September 30-October 6 - from E of central Luzon, typhoon damaging in northern Luzon

- 1925, October 13-17 - moving ENE from China Sea, small but severe typhoon violent in Cullion and Mindoro
- 1926, October 5-13 - moving WNW, typhoon passed between Aparri and Basco; great damage in Babuyan Islands
- 1931, October 13-20 - The Taurus Typhoon - moving WNW, typhoon crossed Balintang Channel, causing heavy damage in Cagayan Valley from rains (Steamship "Taurus" at port San Vicente recorded minimum 728.27 mm.)
- 1934, September 29-October 11 - from Pacific, typhoon crossed provinces of Isabela, Mountain, Abra, and Ilocos; considerable loss of life and property
- 1934, October 13-17 - moving WNW, typhoon moved to N of Manila, crossed Bulacan, southern Pampanga and Zambales provinces; thousands of homes destroyed in Bulacan; 3 feet of water in Manila streets as Pasig River overflowed
- 1934, October 19-21 - from Pacific, typhoon crossed Camarines Sur, causing one of the worst floods in its history, also Tayabas, Laguna, and Batangas; extensive damage to crops, roads
- 1936, October 5-14 - from SE of Guam, typhoon brought destructive rains and floods to Luzon; 517 deaths
- 1938, October 1-9 - moving WNW, typhoon crossed southern Luzon; about 33 deaths, most in boatwreck
- 1949, October 27 - November 3 - from Pacific, typhoon crossed Cebu, Negros, southern Panay, and Palawan; widespread destruction in Cebu City; 17.5 million pesos in damages; casualties figured with those of "Rena" - November 7-16
- 1952, October 16-23 - Typhoon Trix, described as one of most destructive ever to cross Philippines, struck northeast coast of Samar, Bicol Peninsula, and continued W across the islands; 509 dead, 486 missing, 349 injured; 88 million pesos damage
- 1952, October 22-28 - Typhoon Wilma hit southern Samar, crossed southern Masbate, Tablas, and Mindoro; casualties and damages included in preceding
- 1954, October 28-November 6 - Typhoon Pamela crossed Balintang Channel; very destructive in Batan Islands
- 1958, October 25-November 1 - Typhoon Lorna, though never closer than 50 miles to Philippines, very destructive in Bicol Region; casualties undetermined; 3 million pesos damage
- 1960, October 3-9 - Typhoon Kit passed between Samar and Catanduanes Islands and over Legaspi: 150 dead, 75,000 families homeless; heavy damage to crops (\$3 million), roads, private property
- 1960, October 8-17 - Typhoon Lola crossed Luzon, passing about 20 miles northeast of Clark Air Base; much of Manila under water; 58 dead; \$30 million estimated damage
- 1964, October 3-6 - Typhoon Clara struck Luzon near Dilasic Bay; casualties undetermined; considerable damage
- 1967, October 14-18 - Typhoon Carla struck northern Luzon; all time 24-hour rainfall maximum of 47.86" at Baguio; at least 30 dead (250 dead and missing by one account); many homes destroyed in landslides

- 1967, October 31-November 8 - Typhoon Emma crossed central Philippines; 23 drowned at Iloilo; coconut industry hard hit. (Note: the OFDA Disaster History records 107 dead; 137,000 homeless; property damage \$26.5 million.)
- 1970, October 7-18 - Supertyphoon Joan made landfall in Lagonoy Gulf region of Luzon; 575 dead, 193 missing, thousands homeless; \$74 million damage; 90% of crops lost in some areas; numerous maritime casualties
- 1970, October 16-23 - Supertyphoon Kate crossed Mindanao; 631 dead, 284 missing; \$50 million in damages; thousands of houses destroyed by flooding in storm surge and rain. (Note: the OFDA Disaster History records a combined total of 1,551 dead, 1,214,000 homeless, \$85.5 million in damages from Typhoons Joan and Kate.)
- 1971, October 2-9 - Typhoon Elaine crossed central Philippines; 10,000 persons evacuated from shore areas because of huge waves; several maritime casualties; extensive damage to homes, crops
- 1971, October 4-12 - Typhoon Faye crossed Luzon, moving W, recurved and recrossed Luzon; serious flooding in Manila
- 1971, October 9-10 - Tropical Storm Gloria struck northern Luzon; serious flooding from combined rains of 3 storms; 13 dead, 80 missing, thousands homeless in wake of "Faye" and "Gloria"
- 1971, October 7-11 - Tropical Storm Krising affected northern Luzon; 90 casualties; 13.4 million pesos damage (probably same storm as preceding)
- 1973, October 4-10 - Typhoon Nora crossed coast at Aparri, emerging into Balintang Channel; 6 dead, 20 missing; \$20 million in damage to crops and property
- 1973, October 14-18 - moving W, Typhoon Ruth crossed central Luzon, making landfall at Baler; 27 dead, 23 missing; 90% of buildings and 100% of crops destroyed in Baler; much damage from flooding in central Luzon
- 1974, October 10-14 - Typhoon Bess crossed northern Luzon; 26 dead, 3 missing; \$9.2 million damage
- 1974, October 15-20 - Typhoon Carmen crossed Luzon, passing N of Casiguran; 13 dead; \$11.6 million damage
- 1974, October 25-31 - Typhoon Elaine crossed Luzon; 23 dead, 300,000 homeless; \$21 million damage to crops, property; extensive maritime casualties
- 1978, October 9 - Tropical Storm Nina struck Manila; 59 fatalities, 50,000 homeless
- 1978, October 26 - Typhoon Rita struck central Luzon, disrupting communications on east coast; severe flooding in Manila; 340 dead, 148 injured; \$1.5 million damage

November

1500 - 1600

1600 - 1700

- 1608, October and November - from records of Jesuit missionaries, accounts of several hurricanes
- 1610, November 1 - destructive storm in Cavite
- 1638, November 10 - furious storm over Manila bay and China Sea
- 1659, November 25 - "furious tempest" crossed Marinduque
- 1697, November - record of severe storm in vicinity of Balangiguan

1700 - 1800

- 1742, November 1 - manuscript account of a severe storm which damaged most houses in Manila on All Saints' Day
- 1780, October-November - 3 baguios during this period

1800 - 1900

- 1824, November 1 - typhoon over Manila destroyed temporary barracks of garrison in use since earthquake of October 26, 1824, as well as other buildings and 6 ships
- 1844, November 13 - destructive typhoon struck provinces near Manila; heavy damage to buildings, bridges, crops from wind and floods in Camarines Sur, Camarines Norte, Albay, Batangas, Tayabas
- 1845, November 3 - typhoon in Cavite caused considerable destruction of houses
- 1846, November 21 - strong typhoon over Visayas from northern Mindanao to Mindoro; floods in Cagayan, Camiguin and Dapitan
- 1865, November 7-12 - severe typhoon in Samar, Leyte, Pangasinan also caused floods in Zamboanga; destruction of crops ready for harvesting as well as many houses
- 1867, November 14-16 - destructive storm in Antique; 5 deaths there and 2 in shipwreck
- 1867, November 14-16 - severe typhoon in southern Luzon and Visayas; buildings, crops damaged
- 1868, November 20-24 - severe typhoon in Catbalogan, Burias, Albay, Sorsogon, Camarines, Pangasinan, La Union, Ilocos, and Mountain Province; destructive flooding in Ilocos
- 1869, November 12-20 - heavy storm in northern Luzon; destructive flooding in Cagayan Valley; small boats wrecked with loss of life
- 1870, November 3 - enormous destruction in northern provinces of Luzon, but storm also felt in southern provinces; several deaths and heavy losses in buildings, crops, livestock (see Selga's account)
- 1870, November 20-22 - destructive storm and flooding in Capiz and Alcan; many casualties
- 1871, November 2-4 - storm over Manila; floods in Ecija Nueva
- 1872, November 5-9 - baguio in vicinity of Burias, Capiz, and Lepanto; floods in Capiz destroyed many nurseries, bridges, culverts

- 1874, November 9 - Samar and Leyte struck by typhoon; crops heavily damaged and 2 brigs wrecked
- 1876, November 25-27 - "terrible" typhoon in Visayas and Mindanao; islands most affected: Bohol, Cebu, Panay, Negros, Calamianes, and northern part of Mindanao; 150 deaths; much destruction of public buildings, houses, bridges, livestock
- 1878, November 12-15 - strong wind and heavy showers in Tuguegarao, Nueva Ecija, Zambales, Infanta, and Casiguran; considerable damage
- 1879, November 20 - baguio of wide diameter crossed Samar, affected Masbate, Batangas, Manila, and Zambales; much damage to crops, trees, houses from wind and flooding
- 1886, November 15-19 - typhoon passed S of Manila through Visayas or N Mindanao; heavy rains and strong winds in Mindanao and Jolo
- 1891, November 12-16 - from NE of Samar, typhoon crossed southeastern Luzon and northern Mindoro; much destruction

1900 - 1979

- 1921, November 21-29 - moving W, typhoon crossed Samar and Masbate, passed between Mindoro and Calamianes; heavy rains
- 1923, November 10-23 - from Pacific, typhoon crossed Samar and Luzon, recurved and passed Balintang Channel; greatest damage in Samar
- 1926, October 26-November 8 - from Pacific, typhoon crossed provinces of Camarines Norte, Tayabas, Laguna, and Batangas; one of the worst typhoons ever in Batangas region
- 1930, November 2-5 - small typhoon crossed Visayas; much damage to several towns; thousands homeless, especially in Iloilo
- 1934, November 10-19 - from Pacific, typhoon crossed Samar, southern Camarines and Tayabas Province; crossed central Luzon as depression but intensified in China Sea and moved toward W of Batanes; heavy rains over coast of Tayabas, numerous landslides in Sampaloc, worst flood in history of Mauban; 85 dead, 25 missing
- 1934, November 4-December 5 - from Pacific, typhoon caused considerable damage in Leyte, Tablas, and Mindoro
- 1937, November 9-15 - moving W by N, typhoon crossed Pollilo Islands and southern Luzon; about 38 dead and \$50,000 in damages
- 1937, November 15-24 - moving WNW, typhoon approached NE of Surigao, crossed central Leyte and south coast of Mindoro; 231 dead; damage several million pesos
- 1938, November 1-10 - moving WNW, typhoon moved from E of northern Mindanao, across Panay and northern Sulu Sea; very heavy rains
- 1939, November 18-26 - typhoon crossed southern Samar, northern Leyte, passed close to NW Panay and S of Mindoro; violent over small area with greatest loss of life (48) in boat sunk near Masbate; property loss great in Samar, Leyte and Capiz
- 1939, November 29-December 5 - moving NW, typhoon crossed Samar, Ragay Gulf, and Camarines Norte; 34 deaths in Masbate where rivers rose rapidly; great property damage along course of storm

- 1949, November 7-16 - Typhoon Rena crossed Visayas (3rd in two weeks); 505 dead, 466 missing; nearly 10 million pesos in damages
- 1950, November 18-22 - Typhoon Delilah crossed Visayas; 4 casualties; 7 million pesos damage
- 1951, November 15-25 - Typhoon Wanda affected eastern Visayas and Bicol regions; 87 casualties (dead, missing, or injured); 5.5 million pesos damage
- 1951, November 30-December 19 - Typhoon Amy crossed central Philippines in WSW direction, touching southern Samar, Cebu, Negros, and Palawan; 991 casualties; over 70 million pesos damage
- 1953, November 13-18 - Typhoon Cora crossed northern Luzon; 23 casualties; 4.5 million pesos damage
- 1954, November 3-10 - Typhoon Ruby followed eastern coastline of southern Luzon and crossed northern Luzon, causing heavy damage; 2 dead; more than 3 million pesos damage
- 1954, November 12-20 - Typhoon Sally followed coastline of eastern Samar and southern Luzon without hitting land; considerable damage
- 1954, November 25-30 - Typhoon Tilda crossed Visayas; considerable damage
- 1955, November 26-December 2 - Typhoon Patsy had 2 centers: one crossed northern Mindanao; the other moved over Visayas, recurving to affect Bondoc Peninsula and Bicol regions; casualties undetermined; considerable damage
- 1957, November 8-16 - Typhoon Kit crossed northern Luzon; considerable damage
- 1959, November 13-19 - Typhoon Freda crossed northern Philippines; 6 casualties; considerable damage
- 1962, November 25-29 - Typhoon Lucy crossed Leyte, Cebu, Negros, Panay, northern Sulu Sea, and Palawan; 5 casualties; 3 million pesos damage
- 1964, November 16-21 - Typhoon Louise hit provinces of Surigao del Norte, Agusan, Leyte, Bicol, and island of Negros; 576 dead, many missing and homeless; property and crop losses high; 9 inter-island ships sunk (Note: the OFDA Disaster History records 580 dead, 300,000 homeless, and \$35 million in damages.)
- *1966, November 18-23 - Typhoon Uding; 32 casualties; 14 million pesos damage
- 1968, November 9-24 - Typhoon Mamie crossed Mindanao, Sulu Sea and Palawan; 90 drowned in sinking of freighter
- 1968, November 18-28 - Typhoon Nina crossed central Philippines; 63 drowned in sinking of small fishing fleet (Note: the OFDA Disaster History records 50 dead, 187,330 affected, and \$9.6 million in damages from Typhoons Mamie, Nina, and Ora (12/02).)

* Listed in Table II, "Proceedings of the India-Philippines Symposium on Tropical Cyclones and Tropical Meteorology," but not reported in Climatological Data, National Summary, Annual 1966. Environmental Sciences Services Administration, U.S. Department of Commerce.

- 1970, November 12-22 - Supertyphoon Patsy crossed Luzon, close to Manila; 241 dead, 351 missing (including 135 lost at sea), 1,756 injured, 31,382 homeless in Manila alone (Note: the OFDA Disaster History records 786 deaths, 430,000 homeless, and damage estimated at \$97.6 million.)
- 1972, November 5-9 - Typhoon Pamela crossed central Philippines; 4 dead; \$700,000 damage
- 1973, November 20-21 - Tropical Storm Vera crossed central Visayas; 240 dead and 30 missing (OFDA Disaster History)
- 1974, November 4-8 - Typhoon Gloria crossed northern Luzon; 10 dead; 700 homes destroyed; \$3.2 million damage to crops, property
- 1974, November 23-December 2 - Typhoon Irma crossed Luzon from S of Baler to Iba; 11 dead; 1,000 homes destroyed; \$7.3 million damage; several ships and small boats destroyed
- 1977, November 6-17 - Typhoon Kim crossed Luzon, 35 miles north of Manila; 102 dead; 1 ship sunk, 1 forced aground
- 1979, November 11 - Typhoon Vera crossed northern Luzon; 9 communities damaged

December

1500 - 1600

1600 - 1700

1700 - 1800

- 1734, December 11-12 - typhoon in Balayan, Batangas; most houses, crops of palay and other grains destroyed
- 1748, December 4 - record of "horrible baguio" in some parts of Philippines
- 1754, December 3-4 - destructive baguio followed "horrible" eruption of Taal volcano
- 1766, December 8 - severe typhoon in Manila destroyed houses, crops, and caused several marine disasters

1800 - 1900

- 1833, December 18-19 - strong typhoon in Camarines and Albay destroyed many houses and trees; total loss of cereals feared
- 1838, December 18-19 - typhoon in Camarines and Albay lasted 16 hours; destructive to houses, trees, plantations (Note: nearly identical descriptions for this and preceding storm in Selga's chronology suggest possibility that they are one and the same.)
- 1851, December 9 - destructive typhoon in Panay
- 1863, December 12- church records show casualties and destruction great as result of a typhoon
- 1863, December 13 - baguio in southeastern Luzon; 49 persons drowned
- 1865, December 14-18 - strong typhoon in Leyte and Albay; destructive to crops in Cagayan Valley and Nueva Viscaya
- 1866, December 14-21 - heavy winds, rains in Mindoro and Nueva Ecija; great flood from Cagayan River
- 1871, December 2-3 - severe typhoon in Davao caused inundation of land also in Zamboanga
- 1874, December 25 - storm in Cagayan de Misamis destroyed buildings, crops, livestock; felt on 26th in Cebu where trees, most houses of light materials were damaged
- 1875, December 18-20 - considerable damage from storm in Naga, Calapan, Baco, Laguna
- 1876, December 18-21 - considerable damage from typhoon in towns of Daet, Indang, and Labo in provinces of Ambos Camarines
- 1878, December 23-30 - furious typhoon on east coast of Leyte; reports of strong winds and bad weather in Masbate, Daet, and Infanta
- 1879, December 12 - severe storm in Leyte; town of Hinumangan destroyed
- 1881, December 8-12 - typhoon caused heavy damages in Albay and Sorsogon

1900 - 1979

- 1905, December 13-21 - moving NW, typhoon threatened northeastern Luzon coast, causing heavy rains and gales in Cagayan Valley before recurving NE
- 1909, December 15-21 - a secondary center of a typhoon from Pacific crossed Butuan, Bohol, Cebu, and filled up over Negros; strong winds, heavy rains
- 1910, November 28-December 6 - from Pacific, typhoon caused considerable destruction in Davao and Mati; great losses from inundations in Zamboanga
- 1918, December 17-30 - The Quantico Typhoon - from Pacific, crossed province of Sorsogon and passed close to Romblon; largest interisland steamer, "Quantico," wrecked near Tablas with loss of life
- 1923, December 1-6 - from NE of Samar, typhoon crossed Camarines Norte, flattening houses and trees in Daet and Paracale; with less intensity crossed southern Tayabas and 50 miles S of Manila
- 1934, December 3-7 - from China Sea, typhoon passed close to Bacuit in northern Palawan, practically destroying town, crossed Panay, central Leyte and south of Samar on way to Pacific; severe floods in Palawan (Note: This may have been a storm from the Pacific of November 24-December 5 that recurved.)
- 1938, December 4-10 - moving WNW, typhoon crossed about 100 miles to S of Manila; greatest destruction in northern Samar and extreme southern Luzon; 305 dead
- 1939, December 16-25 - from E of Surigao, typhoon moved NW and W crossing Albay, Sorsogon, Camarines Sur and Bondoc Peninsula, recurved N east of Manila and entered Pacific; strong winds, heavy rains, especially in Cagayan River Valley and Nueva Ecija; 33 dead
- 1940, December 2-7 - typhoon crossed Visayan Islands; no deaths but considerable damage to roads and bridges
- 1940, December 3-13 - typhoon crossed Catanduanes, Bondoc Peninsula and weakened over Mindoro; 73 dead; great property damage
- 1950, December 26-January 1, 1951 - from Pacific, "Fran" passed close to Manila and recurved WSW; 5 casualties; 4 million pesos damage
- 1956, December 8-10 - Typhoon Dolly crossed Bicol Peninsula and southern coastline of Luzon; casualties undetermined; considerable damage from floods and strong winds
- 1959, December 15-20 - Typhoon Gilda struck central Philippines; considerable damage
- 1959, December 25-31 - Typhoon Harriet crossed central Philippines; considerable damage
- 1961, December 6-14 - Typhoon Ellen passed near Catanduanes Island; 2 million pesos damage

- 1964, December 12-16 - Typhoon Opal passed N of Catanduanes and Polillo Islands, over central Luzon and Babuyan Islands; at least 2 dead, 3 injured; considerable damage to rice crops and buildings
- 1966, December 25-30 - Typhoon Pamela crossed central Philippines; 30 dead; heavy damage to crops and property; many fishing boats sunk. (Note: the OFDA Disaster History records 18 deaths from Typhoon "Aning" and 195,000 affected.)
- 1972, December 1-11 - Typhoon "Theresa" crossed southern Visayan Islands, damaged 90% of crops in Mindanao provinces of Surigao del Sur, Misamis Oriental, and Surigao del Norte; 90 dead, 4,700 homes destroyed; over \$1 million damage. (Note: the OFDA Disaster History records 100 dead, 27,000 homeless, and \$10 million in damages.)

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