

= 1858 Atlantic hurricane season =

The 1858 Atlantic hurricane season was one of only three Atlantic hurricane seasons on record in which every tropical cyclone intensified into a hurricane (the others were in 1852 and 1884) . The first hurricane was first observed over the northwestern Caribbean Sea on June 12 . The sixth and final storm was last noted on October 26 . These dates fall within the period with the most tropical cyclone activity in the Atlantic . Three tropical cyclones during the season existed simultaneously . Two of the cyclones have only a single known point in its track due to a sparsity of data . Operationally , another tropical cyclone was believed to have existed over the eastern Atlantic between September 17 and September 18 , but HURDAT ? the official Atlantic hurricane database ? excludes this system . However , in the absence of modern satellite and other remote @-@ sensing technologies , only cyclones that affected populated land areas or encountered ships at sea are currently known , so the actual total could be higher . An undercount bias of zero to four tropical cyclones per year between 1886 and 1910 has been estimated . Of the six known 1858 Atlantic cyclones , five were first documented in 1995 by Jose Fernandez @-@ Partagas and Henry Diaz .

The first system was spotted over the western Caribbean Sea on June 12 . It had a single @-@ point track . Another tropical cyclone was first observed over the northern Atlantic Ocean on August 5 and also had a single @-@ point track . On September 14 , the next system was observed over the southeastern Gulf of Mexico . Several hours later , the storm struck Florida , causing severe damage to crops . Strong winds and rough seas were reported by ships and on land , particularly in Maine . The storm dissipated on September 17 . That same day , another tropical cyclone developed over the central Atlantic . The storm capsized the bark Phantom , though no one drowned . The next hurricane developed over the Bahamas on September 22 , but caused little damage , despite its proximity to land . On October 21 , the sixth and final system of the season was first observed over the Bahamas . The storm brought coastal flooding to Nassau and Bermuda later in its duration , before dissipating on October 26 .

The season 's activity was reflected with a low accumulated cyclone energy (ACE) rating of 45 . ACE is , broadly speaking , a measure of the power of the hurricane multiplied by the length of time it existed , so storms that last a long time , as well as particularly strong hurricanes , have high ACEs . It is only calculated for full advisories on tropical systems at or exceeding 39 mph (63 km / h) , which is tropical storm intensity .

= = Storms = =

= = = Hurricane One = = =

On June 12 , the brig L. H. Sampson encountered a hurricane in the northwestern Caribbean Sea . The vessel suffered some damage . The storm was a Category 1 hurricane on the modern day Saffir ? Simpson hurricane wind scale , based on winds of 80 mph (130 km / h) observed by the L. H. Sampson .

= = = Hurricane Two = = =

A Category 1 hurricane was first observed about 585 mi (940 km) west @-@ northwest of Corvo Island in the Azores on August 5 , based on reports from two ships , the Shelter and the A.Z.Greenland. Another ship that encountered the storm , the Magistrate , was abandoned .

= = = Hurricane Three = = =

The bark Cavallo encountered experienced severe weather in the eastern Gulf of Mexico between September 13 and September 15 . It is believed that a tropical storm developed on September 14 . Moving northeastward , the storm made landfall near modern @-@ day Palmetto , Florida at 15 : 00

UTC , with winds of 70 mph (110 km / h) . While crossing the state , the storm brought severe damage . Ships remained in port at river ports in the state and at St. Marys , Georgia . After emerging into the Atlantic Ocean near Oak Hill , Florida early on September 15 , the system reached hurricane status several hours later . Shortly thereafter , the storm intensified into a Category 2 hurricane , peaking with winds of 105 mph (165 km / h) . On September 16 , the hurricane passed offshore North Carolina and then weakened to a Category 1 hurricane while east of the Mid @-@ Atlantic states .

At 17 : 00 UTC on September 16 , the storm made landfall near East Hampton , New York with winds of 80 mph (130 km / h) . About an hour later , it struck again just west of Groton , Connecticut with winds of 75 mph (120 km / h) . Early on September 17 , the system weakened to a tropical storm and dissipated over the Gulf of Saint Lawrence several hours later . Parts of this storm were first described by David M. Ludlum , who called it The New England Tropical Storm of 1858 . However , barometer readings taken at Sag Harbor , New York and Providence , Rhode Island , along with ship reports and wind speeds recorded at Bangor , Maine and Nantucket , Massachusetts , conclude that the system reached hurricane intensity . In Maine , strong gales occurred , with Bangor reported having " one of the heaviest in years . " Trees and chimneys toppled throughout the southeastern portions of the state . There was also minor damage to shipping in Belfast .

== Hurricane Four ==

On September 17 , a hurricane was observed in the mid @-@ Atlantic by the bark Phantom . Later that day , the Phantom sank , though all of the crew survived . They described the system as a ' perfect hurricane ' with a lull around midnight on September 17 before the wind changed direction and blew with even greater force than before . The hurricane continued travelling on a northwest track and between September 22 and the night of September 23 it was encountered by the Hudson , the City of Washington and the bark Lanark . The system weakened to a tropical storm early on September 24 and dissipated later that day about 610 mi (980 km) east of Cape Race , Newfoundland . Until reanalysis , this storm was considered two separate systems , including in the 1995 study by Partagas and Diaz . However , they stated that further information could indicate a single storm .

== Hurricane Five ==

Based on reports from the bark Wh H. Chandler , a tropical storm developed in the Bahamas near Acklins on September 22 . Moving northward , the storm strengthened into a Category 1 hurricane by 12 : 00 UTC the next day . Later on September 23 , the Harkaway noted a " severe hurricane " at Bermuda , though the report was considered " doubtful " due to the storm 's distance from the island . The hurricane continued northward and was last noted about 200 mi (320 km) east of Virginia on September 25 , after the Priscilla observed sustained winds of 90 mph (150 km / h) .

== Hurricane Six ==

The final known tropical cyclone of the season was first observed by the brig Sea Lark on October 21 , while located just north of Inagua in the Bahamas . Throughout the Bahamas , storm surge impacted some islands . At Nassau , several ships were driven ashore , parts of the town were flooded and buildings along the shoreline suffered damage . The storm moved northeastward and strengthened into a hurricane at 12 : 00 UTC on October 22 . About 24 hours later , the hurricane deepened into a Category 2 hurricane . Later on October 23 , it passed just west of Bermuda . Gale force winds and rough seas were observed on the island , causing damage to several vessels . Peaking with winds of 105 mph (165 km / h) , the storm began to weaken , falling to Category 1 intensity on October 25 . It weakened to a tropical storm early the following day and dissipated hours later , while located about 195 mi (315 km) east @-@ southeast of Sable Island .

