

= 1864 Atlantic hurricane season =

The 1864 Atlantic hurricane season was the third consecutive Atlantic hurricane season with no hurricane landfall in the United States ? the longest period on record . However , in the absence of modern satellite and other remote @-@ sensing technologies , only storms that affected populated land areas or encountered ships at sea were recorded , so the actual total could be higher . An undercount bias of zero to six tropical cyclones per year between 1851 and 1885 has been estimated . Of the five known 1864 cyclones , four were first documented in 1995 by Jose Fernandez @-@ Partagas and Henry Diaz . The first system was initially observed offshore the Southeastern United States on July 16 . It peaked as a Category 1 hurricane on the modern day Saffir ? Simpson hurricane wind scale . Moving rapidly northeastward , the storm was last noted well east of Newfoundland on July 18 .

The next system was observed in the south @-@ central Gulf of Mexico on July 25 . Because the cyclone was not tracked further , only a single @-@ point storm path exists . After tropical cyclogenesis was dormant for over a month , another hurricane was spotted on August 26 to the east of Lesser Antilles . Early on the following day , the hurricane crossed the islands between Dominica and Martinique . After traversing the Caribbean Sea , the storm made landfall in Belize late on August 31 , before dissipating the next day . Offshore Belize , several ships encountered the storm . Along the coast , storm surge flooded some areas . The fourth tropical storm was observed off the East Coast of the United States between September 5 and September 9 . A number of ships sailing in the vicinity of the storm encountered heavy gales . The fifth and final known tropical cyclone was also tracked offshore the East Coast of the United States . Similarly , many vessels experienced rough seas and severe thunderstorms .

The season 's activity was reflected with an accumulated cyclone energy (ACE) rating of 61 . 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 strength .

= = Storms = =

= = = Hurricane One = = =

This storm was first observed by the brig Hattie Eaton on July 16 , while located a few hundred miles offshore the Carolinas . The Hattie Eaton reported sustained winds of 80 mph (130 km / h) ? equivalent to a Category 1 hurricane on the modern day Saffir ? Simpson hurricane wind scale . Early on July 18 , the hurricane weakened to a tropical storm . Several hours later , the storm was last noted by ship Energy , while located about 435 mi (700 km) east of Cape Race , Newfoundland .

= = = Tropical Storm Two = = =

This storm is known from a single ship report . On July 25 , the bark Daniel bound for New York from Matamoros , Tamaulipas encountered a tropical storm off the Alacran reef , north of the Yucatan Peninsula . The vessel spent several hours in the cyclone and was also struck by lightning .

= = = Hurricane Three = = =

A hurricane was first observed well east of the Lesser Antilles on August 26 . The storm moved westward and brought severe weather to Martinique , including hurricane force winds . Throughout its trek across the Caribbean Sea , the system maintained winds of 80 mph (130 km / h) . Late on

August 31 , the hurricane made landfall in Belize District of Belize . Off the coast , several ships were damaged or sunk . The brig Antonio , the Hannah , and the bark Berkshire were among the ships that capsized . On land , tides up to 5 ft (1 @. @ 5 m) above normal caused coastal flooding in Belize . This storm has been paleotempestologically traced in sediment near Gales Point . The system steadily weakened over land .

= = = Tropical Storm Four = = =

Based on reports from several ships , a tropical storm is known to have existed off the East Coast of the United States between September 5 and September 8 . A number of ships approaching New York on September 5 reported an easterly gale . Vessels off Hatteras and Barnegat endured the storm through September 8 .

= = = Hurricane Five = = =

The final tropical cyclone of the season was observed by the Santa Martha early on October 22 , while located about 355 mi (570 km) east @-@ northeast of the Abaco Islands . Based on reports from several ships , it quickly moved northward and intensified into a Category 1 hurricane by midday on October 23 . Around that time , the hurricane peaked with maximum sustained winds of 80 mph (130 km / h) . The storm moved rapidly east @-@ northeastward and was last noted about 180 mi (290 km) south @-@ southwest of Sable Island late on October 24 .