

= 1933 Atlantic hurricane season =

The 1933 Atlantic hurricane season was the second most active Atlantic hurricane season on record , with 20 storms forming in the northwest Atlantic Ocean . The season ran through the summer and the first half of fall in 1933 , with activity as early as May and as late as November . A tropical cyclone was active for all but 13 days from June 28 to October 7 . The year was surpassed in total number of tropical cyclones by the 2005 season , which broke the record with 28 storms . Tropical cyclones that did not approach populated areas or shipping lanes , especially if they were relatively weak and of short duration , may have remained undetected . Because technologies such as satellite monitoring were not available until the 1960s , historical data on tropical cyclones from this period are often not reliable . Compensating for the lack of comprehensive observation , one hurricane researcher estimates the season could have produced 24 tropical cyclones .

Of the 20 storms during the season , 11 attained hurricane status . Six of those were major hurricanes , with sustained winds of over 111 mph ( 179 km / h ) . Two of the hurricanes reached winds of 160 mph ( 260 km / h ) , which is a Category 5 ? the highest of 5 ? on the modern Saffir @-@ Simpson Hurricane Scale . The season produced several deadly storms , with eight storms killing more than 20 people . All but 3 of the 20 known storms affected land at some point during their durations .

= = Season summary = =

The 1933 season was the most active of its time , surpassing the previous record @-@ holder of 19 storms in 1887 . Fifteen of the season 's storms made landfall as tropical cyclones , and another struck land as an extratropical storm . Eight tropical storms , including six hurricanes , hit the United States during the season , including the Chesapeake ? Potomac hurricane , which the U.S. Weather Bureau described as one of the most severe in history along the Mid @-@ Atlantic States . Seven tropical storms , including four hurricanes , hit Mexico , two of which caused severe damage in the Tampico area .

The season was continuously active , with six storms forming during the month of August alone . At the time , many storms received the distinction of being the earliest nth storm to form , such as the earliest fifth tropical storm to form in a season . Most of the records were broken in later years . During the season , the U.S. Weather Bureau issued storm and hurricane warnings for eight storms , including coastal portions of Texas , as well as from Florida to Massachusetts , forcing the evacuations of thousands of people . The deadliest storm of the season was a hurricane that struck Tampico , Mexico , killing over 184 residents . The costliest hurricane was the Chesapeake ? Potomac hurricane , which caused \$ 27 million in damage from North Carolina to New Jersey . The hurricane produced rainfall that resulted in severe crop damage in Maryland .

In addition to the 20 tropical storms , there were several tropical depressions of lesser intensity . The first developed on June 1 in the northwest Caribbean and dissipated a few days later . Another depression developed on July 11 over Panama and also quickly dissipated . A tropical depression developed on July 17 in the northeastern Atlantic west of the Azores , and one ship reported hurricane @-@ force winds ; however , there was little evidence that the tropical system was organized , so it was not classified as a tropical storm . Originally , there was a tropical storm in the database in the Caribbean in the middle of August , but it was downgraded to a tropical depression due to lack of any reports of gale @-@ force winds . Similarly , there was a tropical storm in the database in late September , but it was also downgraded to a tropical depression due to lack of gale @-@ force winds .

The season produced the highest Accumulated Cyclone Energy ( ACE ) on record with a total of 259 . The measurement is a method to compare tropical cyclone activity between seasons . Originally , 1933 had an ACE of 213 , which was surpassed by 1950 and 2005 . However , the Atlantic hurricane reanalysis project found that the storms in 1933 were stronger than initially reported .

= = Storms = =

= = = Tropical Storm One = = =

The first storm of the season formed on May 14 in the southwestern Caribbean Sea off the east coast of Nicaragua . It moved quickly to the north @-@ northwest , passing just northeast of the eastern tip of Honduras . On May 15 , the storm turned to the west and entered the Gulf of Mexico while moving around the Yucatán Peninsula . The next day , it attained peak winds of 50 mph ( 85 km / h ) , based on a ship report . Turning southward , the storm made landfall on Ciudad del Carmen in Mexico early on May 19 with winds of 40 mph ( 64 km / h ) . It dissipated over land later that day .

= = = Hurricane Two = = =

A westward @-@ moving tropical wave spawned a tropical depression on June 24 about halfway between the southern Lesser Antilles and the coast of Africa . The depression quickly intensified into a tropical storm , and by June 27 it became a hurricane off the northern coast of Guyana . At 2100 UTC that day , the hurricane struck extreme southern Trinidad with winds of 85 mph ( 137 km / h ) . After crossing the island , the hurricane moved across the Paria Peninsula in northeastern Venezuela with the same intensity . The hurricane was earliest to affect the region on record , and was the first storm in over 50 years to affected Trinidad and Venezuela . In Trinidad , 13 people were killed , about 1 @, @ 000 people were left homeless , and damage was estimated at \$ 3 million . In Venezuela , the hurricane caused power outages , destroyed several houses , and killed several people .

After crossing Venezuela into the eastern Caribbean , the hurricane moved northwestward and gradually intensified . On July 3 it struck western Cuba with winds of 100 mph ( 160 km / h ) . In the country , the storm killed 22 people , while damage amounted to \$ 4 million . A building high pressure area turned the hurricane westward in the Gulf of Mexico , and after further strengthening the storm attained peak winds of 110 mph ( 175 km / h ) on July 5 . It turned to the west @-@ southwest and made landfall in northeastern Mexico on July 7 with winds of 100 mph ( 160 km / h ) , about halfway between Tampico and the Mexico / United States border . It dissipated about 11 hours later over Mexico . There were several deaths and heavy damage in the area where the storm moved ashore . Across its path , the hurricane killed 35 people .

= = = Tropical Storm Three = = =

The third tropical storm of the season ( initially classified as two separate storms but later identified as a single track ) was first observed on July 14 near St. Kitts . It moved quickly westward and passed just south of Puerto Rico and Hispaniola as a weak storm . The system curved slightly to the west @-@ northwest and brushed the northern coast of Jamaica before turning slightly westward and hitting the Mexican state of Quintana Roo . As it crossed the Yucatán Peninsula the cyclone weakened and eventually crossed into the Bay of Campeche . It moved quickly to the northwest , and made landfall near Matagorda Bay , in Texas on July 23 as a 45 mph ( 70 km / h ) tropical storm . The system turned to the northeast , and became extratropical to the east of Dallas , Texas . The extratropical system moved slowly through northern Louisiana , turned to the northeast , and dissipated over northeastern Arkansas near Memphis , Tennessee .

While passing near Jamaica , the storm dropped heavy rainfall , including 9 inches ( 230 mm ) in Kingston which led to flooding and washouts . The rainfall also damaged several bridges and roads and resulting in delays in train schedules . Mudslides and overflowing rivers flooded several towns with knee @-@ deep waters . Moderate winds downed several banana trees across the island . Prior to the arrival of the storm in Texas , numerous coastal residents boarded up their houses and businesses and voluntarily evacuated further inland . Upon making landfall , the storm produced

high tides . In eastern Texas and western Louisiana , the system dropped very heavy precipitation , which in places reached accumulations exceeding 20 inches ( 500 mm ) . The highest storm total occurred in Logansport , Louisiana , which reported 21 @. @ 30 inches ( 541 mm ) in a 4 @- @ day period . In Louisiana , the flooding severely damaged crops and forced about 250 families near Shreveport to evacuate their flooded homes . The torrential rainfall also resulted in overflowing rivers ; numerous highways , roads , and railroads were either impassable or closed , with some locations experiencing water depths of up to 20 feet ( 6 @. @ 1 m ) . Total damage reached nearly \$ 2 million .

#### = = = Tropical Storm Four = = =

A dissipating cold front spawned a tropical depression east of Bermuda on July 24 . It moved east @- @ northeastward initially , and intensified into a tropical storm early on July 25 . Based on ship observations , it is estimated the storm attained peak winds of 60 mph ( 95 km / h ) . The storm turned to the northeast and was absorbed by a cold front southeast of Newfoundland early on July 27 .

#### = = = Hurricane Five = = =

On July 24 , a tropical storm was detected . Located to the southeast of Antigua , it tracked west @- @ northwestward , passing near St. Thomas with winds of up to 60 mph ( 95 km / h ) . The storm strengthened and attained hurricane status the next day north of Puerto Rico , and it continued its west @- @ northwest movement . After moving through the northern Bahamas , the hurricane struck near Fort Pierce , Florida , with winds of 85 mph ( 135 km / h ) . The hurricane crossed the state and weakened to minimal tropical storm intensity . It turned to the west @- @ southwest and re @- @ strengthened to a hurricane on August 4 off the coast of Texas . It weakened again to tropical storm status and made its final landfall near Brownsville , Texas , on August 5 as a strong tropical storm . The system rapidly dissipated over northern Mexico .

While moving over Saint Christopher , the storm killed six people . Heavy rain was reported throughout the Virgin Islands . The hurricane caused the drowning of one person in the Bahamas , and moderate winds produced severe structural damage to the buildings in the archipelago . In Florida , the National Weather Bureau issued storm warnings between Miami to Titusville , while Governor David Sholtz issued a mandatory evacuation for 4 @, @ 200 residents in vulnerable areas around Lake Okeechobee . Damage in Florida was minimal , limited to minor crops , roofs , and signs . In southern Texas , the hurricane produced moderate damage of \$ 500 @, @ 000 , including disrupted telephone and telegraph lines . The hurricane produced high tides along the coast of Texas , covering parts of South Padre Island , and heavy rains in northern Mexico caused heavy damage .

#### = = = Hurricane Six = = =

A ship first reported a tropical depression near the Cape Verde islands on August 13 . This system would become one of the most destructive hurricanes of the season . The storm moved towards the northwest and attained hurricane status on August 16 . The hurricane continued to strengthen , and on August 21 , it passed about 150 miles ( 240 km ) southwest of Bermuda as a Category 3 hurricane . St. George 's avoided a direct hit but reported wind speeds of up to 64 mph ( 103 km / h ) . On August 22 , the hurricane turned west @- @ northwest and reached its peak intensity , with maximum sustained winds of 140 mph ( 220 km / h ) , equivalent to a Category 4 hurricane in the modern @- @ day Saffir @- @ Simpson Hurricane Scale . However , it weakened quickly afterwards . On August 23 , the storm made landfall on the Outer Banks of North Carolina as a Category 1 hurricane and continued to quickly weaken as it moved inland , away from its energy source . The storm turned to the north , then to the northeast , passing through Virginia , Maryland , and Pennsylvania before weakening to a tropical depression over New York . The storm became

extratropical on August 25 and turned to the east , moving through Atlantic Canada and dissipating on August 28 .

The hurricane caused damage ranging from moderate to severe in the corridor between North Carolina and New Jersey , due to high tides and strong winds . In the state of Maryland , the storm 's effects resulted in severe crop damage , and many boats and piers were damaged or destroyed due to high tides and storm surge . The hurricane produced heavy rainfall along its path , with a peak of 13 @. @ 28 inches ( 337 @. @ 3 mm ) in York , Pennsylvania . Overall , the hurricane caused \$ 27 million in damage. and 31 deaths .

= = = Tropical Storm Seven = = =

The seventh tropical storm of the season was first observed in the eastern Caribbean on August 14 . It strengthened to reach winds of 45 mph ( 72 km / h ) . After passing just south of Jamaica , the storm turned to the northwest and crossed over both the Isle of Youth and western Cuba on August 18 . It curved northward and dissipated west of Florida on August 21 .

On Trinidad , rainfall from this storm and a subsequent tropical depression were the heaviest in nine years , which caused rivers to overflow and flooded parts of the island . Several boats were damaged or driven ashore from rough seas . The two storms caused damage to fields , highways , and houses , and caused the loss of crops such as cocoa and bananas . In all , damage totaled \$ 3 million and there were 13 deaths on Trinidad . The storm produced heavy rainfall in eastern Jamaica , including a record 24 @- @ hour total of 12 @. @ 2 inches ( 310 mm ) in the Corporate Area , and Dallas Castle received 20 @. @ 2 inches ( 510 mm ) in 24 hours . This flooded and damaged properties and water systems in Kingston and Saint Andrew , leading to a water famine until the water mains were fixed . Damage totaled to over \$ 2 @. @ 5 million , and 70 people were reported killed due to the flooding . Damage was minimal in both Cuba and Florida .

= = = Hurricane Eight = = =

The eighth storm of the season was one of two storms in the 1933 Atlantic hurricane season to reach the intensity of a Category 5 strength on the Saffir @- @ Simpson Hurricane Scale . It formed on August 22 off the west coast of Africa , and for much of its duration it maintained a west @- @ northwest track . The system intensified into a tropical storm on August 26 and into a hurricane on August 28 . Passing north of the Lesser Antilles , the hurricane rapidly intensified as it approached the Turks and Caicos islands . It reached Category 5 status and its peak winds of 160 mph ( 260 km / h ) on August 31 . Subsequently , it weakened before striking northern Cuba on September 1 with winds of 120 mph ( 190 km / h ) . In the country , the hurricane left about 100 @, @ 000 people homeless and killed over 70 people . Damage was heaviest near the storm 's path , and the strong winds destroyed houses and left areas without power . Damage was estimated at \$ 11 million .

After exiting from Cuba , the hurricane entered the Gulf of Mexico and restrengthened . On September 2 , it re @- @ attained winds of 140 mph ( 230 km / h ) . Initially the hurricane posed a threat to the area around Corpus Christi , Texas , and the local United States Weather Bureau forecaster advised people to stay away from the Texas coastline during the busy Labor Day Weekend . Officials declared martial law in the city and mandated evacuations . However , the hurricane turned more to the west and struck near Brownsville early on September 5 with winds estimated at 125 mph ( 205 km / h ) . It quickly dissipated after causing heavy damage in the Rio Grande Valley . High winds caused heavy damage to the citrus crop . The hurricane left \$ 16 @. @ 9 million in damage and 40 deaths in southern Texas .

= = = Tropical Storm Nine = = =

On August 23 , another tropical storm was observed north of Puerto Rico . It moved northwestward for three days , slowly strengthening as it moved over the open ocean . The storm turned to the northeast and reached peak sustained winds of 50 mph ( 80 km / h ) a short distance to the west of

Bermuda . It began weakening shortly thereafter , and on August 30 the storm became extratropical to the southeast of Newfoundland . It continued to the northeast and was last observed on August 31 over the north @-@ central Atlantic Ocean . It did not cause significant effects on land .

= = = Tropical Storm Ten = = =

A tropical storm formed in the Bay of Campeche . It initially moved to the northwest . The cyclone remained a minimal tropical storm for most of its lifetime . On August 29 , the storm turned to the west @-@ southwest and made landfall near Tampico , Mexico , dissipating shortly thereafter . The tropical storm caused heavy rains near the coast , although winds were minor . Due to uncertainty as to its course , tropical storm warnings were issued for portions of the southern Texas coastline .

= = = Hurricane Eleven = = =

A tropical storm was first observed on August 31 , 225 miles ( 360 km ) north @-@ northeast of the island of Antigua . The storm rapidly intensified as it moved quickly to the west @-@ northwest , attaining hurricane status later that day , and major hurricane strength on September 1 , while located to the north of Puerto Rico . It continued west @-@ northwestward and attained its peak intensity , with maximum sustained winds of 140 mph ( 225 km / h ) , on September 2 . The hurricane , then at Category 4 on the Saffir @-@ Simpson Hurricane Scale , moved through the northern Bahamas at peak intensity and weakened slightly before making landfall on Jupiter , Florida , with winds of 125 mph ( 200 km / h ) on September 4 . The system weakened rapidly over Florida to tropical storm status , and after turning to the north , decelerated . The weakening storm slowly moved through Georgia before dissipating near the Georgia / South Carolina border on September 7 .

On Eleuthera Island , the Category 4 hurricane blew away the roofs of buildings , wrecked wharves , and lost boats . Hurricane warnings were issued for the eastern Florida coastline , and 3 @, @ 000 people were evacuated around Lake Okeechobee to safer areas . In southeastern Florida , the strong winds broke many glass windows and downed trees and power lines ; severe house damage was reported near the landfall location . The hurricane 's powerful winds also severely damaged crops , including 4 million boxes of citrus fruit across the state . In total , Florida suffered \$ 2 million in damage and two deaths .

= = = Hurricane Twelve = = =

On September 8 , an area of disturbed weather to the east of the Lesser Antilles organized into a tropical storm . It moved north @-@ northeastward , and after a turn to the northwest , the system intensified to hurricane strength on September 10 . It steadily intensified and reached a peak strength of 140 mph ( 225 km / h ) on September 15 . It slowed as it turned to the north , striking southeastern North Carolina just west of Cape Hatteras as a Category 2 hurricane . After moving through the Outer Banks , the system accelerated to the northeast and became extratropical on September 18 about halfway between Cape Cod and the southern tip of Nova Scotia . The extratropical storm passed over Nova Scotia , Newfoundland , and Labrador before dissipating east of Greenland on September 22 .

Strong winds from the hurricane downed trees and power lines in southeastern North Carolina , causing damage to many houses . The hurricane produced a storm surge that flooded coastal streets with 3 to 4 feet ( 0 @. @ 9 ? 1 @. @ 2 m ) of water . In all , the hurricane caused at least 21 deaths , primarily due to drowning in high waters . Damage totaled around \$ 4 @. @ 5 million .

= = = Hurricane Thirteen = = =

On September 10 , as Hurricane Twelve was intensifying over the waters of the Atlantic Ocean , another area of disturbed weather developed into a tropical storm over the western Caribbean Sea

off the coast of Guatemala . It moved slowly northward and strengthened , becoming a hurricane on September 12 just east of Belize . On the next day , the hurricane made landfall on the Mexican state of Quintana Roo , and the system weakened to a tropical storm as it moved northwestward across the Yucatán Peninsula . On September 14 it again regained hurricane status over the Bay of Campeche . The hurricane struck Tampico on September 15 and then dissipated .

The storm caused severe damage in Tampico and further inland , leaving several thousand homeless . According to The New York Times , at least 67 people were killed . Tuxpan , south of Tampico , also suffered heavy damage with many houses and office buildings destroyed . Total property losses were estimated at several million dollars .

== Hurricane Fourteen ==

On the other side of the Caribbean Sea , what would become the second Category 5 hurricane of the season , and the 14th tropical storm of the year , was first observed on September 16 to the east of the southern Leeward Islands . The cyclone , then a tropical depression , tracked to the west @-@ northwest through the islands , slowly strengthening into a tropical storm on September 18 . It attained hurricane strength on September 19 near Jamaica , then began a period of rapid intensification south of that island . On September 21 , a ship measured a central pressure of 929 millibars ( 27 inHg ) , indicating that the hurricane had intensified to a peak of 160 mph ( 260 km / h ) . Continuing west @-@ northwestward , the hurricane weakened somewhat and made landfall 40 miles ( 65 km ) south of Cozumel Island on September 22 . Winds at landfall were estimated to have been 140 mph ( 230 km / h ) , equivalent to a Category 4 hurricane by modern classification . The hurricane weakened slightly over the Yucatán Peninsula , but then re @-@ strengthened over the Gulf of Mexico to reach a second peak intensity of 110 mph ( 175 km / h ) on September 24 . Shortly thereafter , the storm made landfall near Tampico . It dissipated on September 25 over Mexico .

Near Jamaica , the hurricane caused rough seas , although damage , if any , is unknown . While moving across the Yucatán Peninsula , the storm produced heavy rainfall and strong winds . In Cozumel , the winds destroyed a 300 @-@ foot ( 91 m ) pier and several buildings . Rough seas sunk several ships , and one person drowned . The rainfall caused several rivers to overflow , causing flooding and damage to roads and railroads in the state of Veracruz . Many people in low @-@ lying areas around Tampico evacuated for the storm .

Reports indicate much of the city of Tampico was destroyed , and the total number of deaths and injuries amounted to over 5 @, @ 000 . Most of the deaths occurred from flood waters , which were 10 to 15 feet ( 3 @. @ 0 ? 4 @. @ 6 m ) deep and covered the entire city ; many bodies were washed out to sea , and were never recovered . The flooding washed out roads and railroads , delaying relief efforts into the devastated area . Water and food supplies in and around Tampico were damaged or contaminated , resulting in a threat of famine or disease that further aggravated the situation . Torrential rains caused more flooding , and the powerful winds damaged or destroyed nearly every building in the city and left many homeless . The strong winds downed numerous power lines , leaving the entire city in blackout , and destroyed two large water towers . There were at least 10 cases of looting ; all of the perpetrators were executed . Damage in and around Tampico totaled over \$ 10 million , and the storm killed over 184 people .

The thousands of victims took refuge in churches , theatres , and public buildings . Immediately after the storm , the Mexican military placed the city under martial law . Military and federal authorities dispatched trains with food , water , and medicine , and planes bearing engineers and doctors . Mexican president Abelardo L. Rodríguez rallied citizens to aid the affected people in the storm area . The local chamber of deputies allowed \$ 140 @, @ 000 in funds for the storm victims .

== Hurricane Fifteen ==

A storm of extratropical origin developed into a small tropical storm on September 24 southwest of the Azores . Initially the storm moved north @-@ northwestward , and based on ship reports , it is estimated the system intensified into a hurricane on September 26 . It passed west of the Azores as

it turned to the north @-@ northeast , weakening to a tropical storm later that day . On September 27 the storm became extratropical , and the next day it dissipated .

= = = Tropical Storm Sixteen = = =

A tropical disturbance moved through the Lesser Antilles in late September . After crossing Hispaniola , a tropical depression developed on October 1 north of the Dominican Republic . It moved northwestward initially and quickly intensified into a tropical storm . It had a broad wind field , indicating characteristics of a subtropical cyclone . After reaching peak winds of 45 mph ( 72 km / h ) , the storm turned to the northeast and weakened . It dissipated on October 4 to the southeast of Bermuda .

= = = Hurricane Seventeen = = =

On October 1 , a tropical storm developed off the northeast coast of Nicaragua . It moved slowly northward and steadily intensified , becoming a hurricane on October 3 just west of Jamaica . The hurricane turned to the north @-@ northwest and hit the Cuban province of La Habana with winds of 110 mph ( 175 km / h ) on October 4 . The hurricane passed over Havana and turned to the northeast and strengthened , becoming a major hurricane as it moved south of Miami , Florida . The hurricane reached a peak intensity of 125 mph ( 205 km / h ) while passing through the Bahamas on October 6 . The hurricane weakened as it accelerated to the northeast , and it became extratropical on October 8 to the south of Nova Scotia . It paralleled the Nova Scotia coast , turned to the east @-@ southeast , and lost its tropical characteristics on October 9 over the open north Atlantic Ocean .

One person was killed in Jamaica due to flooding . In Cuba , people boarded up numerous buildings , and emergency workers assisted authorities in spreading the word about the impending storm ; residents in vulnerable areas evacuated to shelters on higher ground . The hurricane 's powerful winds destroyed several houses in Camagüey , and heavy rainfall overflowed numerous rivers in low @-@ lying districts . The winds damaged and disrupted telephone and telegraph lines and injured a few people in Havana . Despite government orders for police to kill any looters , large @-@ scale looting occurred in Havana after the storm . Two looters were shot to death , and a third was injured . Two civilians were also wounded by snipers who fired to disperse thieves . Residents in southeast Florida boarded up for the storm while the National Weather Bureau issued storm warnings for portions of the coastline . The hurricane produced strong winds and rain in the Florida Keys and extreme southern Florida , but damage was minimal . In northwest Miami , the hurricane spawned a tornado that damaged three houses and injured two . In Nova Scotia , the former hurricane left heavy damage to crops due to strong winds and heavy rain . Sunken boats killed nine people , and damage was estimated at around \$ 1 million ( 1933 CAD ) , including \$ 250 @, @ 000 in lost apple crop .

= = = Hurricane Eighteen = = =

After a two @-@ week period of inactivity , a tropical depression was detected in the western Caribbean Sea on October 25 . It moved to the east @-@ northeast then curved to the northwest while slowly intensifying . On October 29 , it strengthened into a hurricane near Jamaica and reached peak winds of 90 mph ( 150 km / h ) before striking the western portion of the island . The hurricane turned to the northeast and weakened . It made landfall on southeastern Cuba as a strong tropical storm on October 31 . The weakening storm changed its course to the north @-@ northwest , as it drifted through Cuba and the Bahamas . On November 4 , the storm turned once more to the northeast , accelerated , and was absorbed by an approaching cold front on November 7 near Bermuda .

While moving near western Jamaica , the hurricane produced strong winds of about 80 mph ( 130 km / h ) , which wrecked about 90 % of the banana crop . One plantation lost 500 banana trees ,

and there was also damage to corn , coffee , and yams . Many houses were wrecked or washed away , leaving hundreds homeless . The storm cut power and telegraph lines and blocked roads , limiting communication . Rail lines were cut , and small bridges were washed away . Damage was estimated at \$ 3 million , and there were 23 deaths . The storm also produced strong winds and rainfall in Cuba .

= = = Tropical Storm Nineteen = = =

Almost simultaneous to Hurricane 19 , a tropical storm developed a short distance east of the central Bahamas on October 26 . It moved north @-@ northeastward , then northeastward , steadily strengthening along its path . On October 27 , a barometric pressure of 993 mbar ( 29 @.@ 32 inHg ) was recorded within the storm , and on October 28 the storm reached a peak intensity of 70 mph ( 110 km / h ) . On October 29 , the storm became extratropical and turned north to hit Nova Scotia . Wedged between two high pressure systems , it continued northward until dissipating over extreme eastern portions of Quebec on October 30 .

In Atlantic Canada , the former tropical storm produced winds of 52 mph ( 83 km / h ) in Nova Scotia , along with heavy rainfall of 2 @.@ 3 in ( 58 mm ) in Amherst . The storm sank one boat and washed another ashore . Winds were strong enough to knock down telephone and telegraph lines , mainly due to fallen trees which also covered roads and damaged houses . Flooding washed out several bridges and roads , covering one highway with 6 ft ( 1 @.@ 8 m ) of water , and entered the basements of houses . In New Brunswick , the storm damaged or destroyed 72 bridges . One man was struck by a car due to poor visibility from the storm .

= = = Tropical Storm Twenty = = =

After another calm period , the final tropical storm of the season was first observed on November 15 in the southwestern Caribbean Sea . It moved slowly westward , never strengthening beyond a minimal tropical storm in its short lifetime . On November 16 , it struck the southeastern coast of Nicaragua , and it dissipated soon after on November 17 .

= = Seasonal effects = =

This is a table of the storms in 1933 and their landfall ( s ) in bold , if any . The minimum pressures , in most cases , are based on limited observations and may not have occurred at their peak intensity .