

= 1979 Atlantic hurricane season =

The 1979 Atlantic hurricane season was the first season to include both male and female names . The season officially began on June 1 , and lasted until November 30 . These dates conventionally delimit the period of each year when most tropical cyclones form in the Atlantic basin . It was slightly below average , with nine systems reaching tropical storm intensity . The first system , an unnumbered tropical depression , developed north of Puerto Rico on June 9 . Two days later , Tropical Depression One formed and produced severe flooding in Jamaica , with 40 deaths and about \$ 27 million (1979 USD) in damage . Tropical Storm Ana caused minimal impact in the Lesser Antilles . Hurricane Bob spawned tornadoes and produced minor wind damage along the Gulf Coast of the United States , primarily in Louisiana , while the remnants caused flooding , especially in Indiana . Tropical Storm Claudette caused extensive flooding , due to torrential rainfall . There were two deaths and damaged totaled \$ 750 million .

The most intense tropical cyclone of the season was Hurricane David . It moved across the Lesser Antilles in late August , with the worst hit islands being Dominica and Martinique . The storm then strengthened further and struck Dominican Republic as a Category 5 hurricane . David was the strongest and deadliest tropical cyclone to make landfall in that country since 1930 . In Dominican Republic alone , the system caused approximately 1 @, @ 000 death and \$ 1 billion in damage . Later , David brought wind damage , tornadoes , and flooding to portions of the East Coast of the United States . Overall , the storm resulted in 2 @, @ 068 deaths and \$ 1 @. @ 54 billion in damage . Hurricane Frederic brought destruction to the Gulf Coast of the United States , especially in Alabama and Mississippi . With \$ 2 @. @ 3 billion in damage , Frederic was the costliest hurricane in the history of the United States , until Hurricane Hugo in 1989 .

Tropical Storm Elena brought flooding to the Greater Houston area , with five deaths and about \$ 10 million in damage . However , little impact was reported elsewhere . Hurricane Henri remained offshore in the Gulf of Mexico and disrupted efforts to stop the Ixtoc I oil spill . Henri also caused flooding in portions of Mexico . In mid and late @- @ September , a tropical depression caused flooding in the Southern United States , especially Texas . Four deaths were reported , two in Texas and two in Kentucky . Toward the end of October , a brief subtropical storm struck Newfoundland , but left little impact . Other than Tropical Depression One and the tropical depression that brought flooding to the Southern United States in mid and late @- @ September , none of the other depressions caused significant effects of land . Collectively , the tropical cyclones of the season resulted in \$ 4 @. @ 63 billion in damage and at least 2 @, @ 136 deaths . Pacific Storm Blanca originated in the basin .

= = Season summary = =

The Atlantic hurricane season officially began on June 1 , 1979 . Although 27 tropical cyclones developed , only nine of them reach tropical storm intensity , which is slightly below the 1950 @- @ 2000 average of 9 @. @ 6 named storms per season . Of the nine tropical storms , five of them strengthened into a hurricane , which is also slightly below average . Two of the five hurricane became major hurricanes , which is Category 3 or greater on the Saffir ? Simpson hurricane wind scale . Three tropical storms , one subtropical storm , and three hurricanes made landfall during the season and caused at least 2 @, @ 136 fatalities and \$ 4 @. @ 63 billion . Despite its intensity , Tropical Depression One also resulted in damage and deaths due to severe flooding in Jamaica . The last storm of the season , an unnumbered tropical depression , dissipated on November 15 , about 15 days before the official end of hurricane season on November 30 .

Tropical cyclogenesis began in June , with three tropical depressions , one of which strengthened into Tropical Storm Ana . A total of four systems formed in the month of July , including Hurricane Bob and Tropical Storm Claudette . Activity briefly halted after Tropical Depression Six dissipated on August 6 and lasted until Hurricane David developed on August 25 . There were four other tropical cyclones that month , including Hurricane Frederic and Tropical Storm Elena . In September , six systems developed , with the named storms of the month being hurricane Gloria and Henri . October

was slightly less active , with four tropical cyclones , one of which was an unnamed subtropical storm . Two additional tropical depressions developed in November , the second of which dissipated on November 15 .

The season 's activity was reflected with an accumulated cyclone energy (ACE) rating of 93 . 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 . Although officially , subtropical storms are not included in the ACE value , the figure above includes periods when storms were in a subtropical phase .

= = Storms = =

= = Tropical Depression One = = =

A tropical wave in the western Caribbean Sea situated south of Grand Cayman developed into a tropical depression on June 11 . Tracking generally northward , the depression passed west of Jamaica . On June 12 , the depression peaked with maximum sustained winds of 35 mph (55 km / h) system , having never reached tropical storm status . The following day , it made landfall in Cuba . Early on June 14 , the depression emerged into the western Atlantic Ocean and then moved parallel to the east coast of Florida for a few days . The depression made another landfall in South Carolina on June 16 and dissipated hours later .

The slow movement of the depression to the west of Jamaica resulted in torrential rainfall , peaking at 32 in (810 mm) in Friendship , a city in Westmoreland Parish . Throughout western Jamaica , about 1 @, @ 000 homes were destroyed or severely damaged , while up to 40 @, @ 000 people were rendered homeless . The city of New Market was submerged for at least six months . Crops , electricity , telephones , buildings , and railways also suffered damage during the disaster . There were 40 deaths and approximately \$ 27 million in damage . The depression also brought heavy precipitation to the Bahamas and Cuba . Along the East Coast of the United States , light rainfall , strong winds , and rough seas were observed . In South Carolina , a person went missing and was later presumed to have drowned after their boat was torn loose from its mooring .

= = Tropical Storm Ana = = =

A tropical wave exited the west coast of Africa and entered the Atlantic on June 14 . It headed westward and after satellite imagery indicated a closed circulation , the wave was classified as a tropical depression on June 19 , while located several hundred miles east @-@ southeast of the Windward Islands . The system was the first tropical cyclone to develop east of the Lesser Antilles in June since the 1933 Trinidad hurricane ; more recently , a tropical depression in 2000 and another in 2003 formed further east in that month . Initially , the depression tracked west @-@ northwestward , before curving northwestward by late on June 20 .

A United States Air Force reconnaissance aircraft noted that the depression was strengthening and by early on June 22 , it was upgraded to Tropical Storm Ana . Thereafter , the storm began tracking almost due westward toward the Lesser Antilles . Ana peaked with winds of 60 mph (95 km / h) , before wind shear began detaching deep convection from the center , resulting in weakening . Early on June 23 , the storm struck St. Lucia and then fell to tropical depression intensity upon entering the Caribbean Sea . Ana continued weakening and degenerated back into a tropical wave on June 24 , while located between Puerto Rico and Venezuela . Despite directly crossing St. Lucia , only light rainfall occurred . In Dominica , rain fell for 15 hours and gusty winds were reported .

= = Hurricane Bob = = =

A tropical wave developed into a tropical depression in the southwestern Gulf of Mexico on July 9 .

Tracking in a general northward direction , favorable conditions allowed for quick strengthening . Less than a day after formation , the system reached tropical storm intensity , followed by hurricane intensity on July 11 . Shortly after strengthening into a hurricane , Bob reached its peak intensity with maximum sustained winds of 75 mph (121 km / h) . At the same intensity , Bob made landfall west of Grand Isle , Louisiana , and rapidly weakened after moving inland . However , the resulting tropical depression persisted for several days as it paralleled the Mississippi and Ohio rivers . On July 16 , the system emerged into the western Atlantic , where it was subsequently absorbed by a nearby low @-@ pressure area .

Widespread offshore and coastal evacuations took place along the Gulf Coast of the United States in preparation for Hurricane Bob . Effects from the hurricane on the United States were mostly marginal and typical of a minimal hurricane . The cyclone produced a moderate storm surge , damaging some coastal installments and causing coastal inundation . Strong winds were also associated with Bob 's landfall , though no stations observed winds of hurricane force . The winds downed trees and blew out windows , in addition to causing widespread power outages . Heavy rainfall was also reported in some locations , peaking at 7 @.@ 16 in (182 mm) in Louisiana . Further inland , the torrential rains led to flooding in Indiana , resulting in more considerable damage as opposed to the coast . Bob also spawned eight tornadoes , with two causing significant damage . Overall , Bob was responsible for one death and \$ 20 million in damage .

= = = Tropical Storm Claudette = = =

A tropical wave spawned a tropical depression east of the Lesser Antilles on July 16 . It gradually strengthened into Tropical Storm Claudette on July 17 and crossed the northern Leeward Islands later that day . As the storm approached Puerto Rico early on July 18 , it weakened back to a tropical depression . Claudette degenerated back into a tropical wave after crossing Puerto Rico . Late on July 18 , the remnants struck Dominican Republic and emerged into the Caribbean Sea on the following day . The system crossed western Cuba on July 21 , shortly before reaching the Gulf of Mexico and regenerated into a tropical cyclone . By July 23 , Claudette regained tropical storm intensity and turned northward . The storm made landfall near the Texas @-@ Louisiana border later that day . It eventually dissipated over West Virginia on July 29 .

In the Lesser Antilles , the storm brought heavy rainfall and gusty winds to several islands . Minor flooding occurred in Saint Croix . Rainfall exceeding 10 inches (250 mm) in some areas of Puerto Rico led to widespread agricultural damage , flooded homes and streets . There was one fatality and approximately \$ 750 @,@ 000 in damage . Up to 42 inches (1 @,@ 100 mm) of rain fell in one day in Alvin , Texas , which is the record 24 ? hour precipitation amount for any location in the United States . Within the state of Texas alone , hundreds of businesses and an estimated 15 @,@ 000 homes sustained flood damage . Rice crops were also ruined . One drowning death was reported in the state . In Louisiana , extensive coastal flooding occurred , with miles of roads battered or destroyed in Cameron Parish , while several boats along the coast capsized . At Johnson Bayou , fishing camps and homes suffered damage or destruction . Further inland , other states experienced freshwater flooding , especially Indiana and Missouri . Overall , Claudette was responsible for two deaths and \$ 750 million in losses .

= = = Hurricane David = = =

A tropical wave developed into a tropical depression at 12 : 00 UTC on August 25 , while located about 870 mi (1 @,@ 400 km) southeast of Cape Verde . Moving westward , the depression intensified into Tropical Storm David early the next day . Shortly after attaining hurricane status on August 27 , David rapidly deepened . By 12 : 00 UTC the following day , it was a strong Category 4 hurricane . Thereafter , the storm oscillated in intensity while approaching the Lesser Antilles and struck Dominica late on August 29 @.@ with winds 145 mph (230 km / h) . After entering the Caribbean Sea , further deepening occurred and at 18 : 00 UTC on August 30 , David peaked with maximum sustained winds of 175 mph (280 km / h) . Late on August 31 , it curved northwestward

and struck Santo Domingo , Dominican Republic at the same intensity .

The storm rapidly weakened while crossing Hispaniola and was only a Category 1 hurricane upon emerging into the Windward Passage on September 1 . Moving northwestward , David made landfall in the eastern tip of Cuba that day and briefly weakened to a tropical storm . However , after reaching the Atlantic , it re @-@ strengthened into a Category 1 . David then moved through the Bahamas and crossed Andros Island on September 2 . Thereafter , the storm re @-@ intensified into a Category 2 and made landfall near West Palm Beach , Florida late the next day . The hurricane remained barely inland and re @-@ emerged into the Atlantic at Merritt Island early on September 4 . Thereafter , the cyclone weakened slightly and made landfall in Blackbeard Island , Georgia later that day as a Category 1 hurricane . David headed north @-@ northeastward and weakened to a tropical storm on September 5 . While crossing the Mid @-@ Atlantic states , the storm curved northeastward and accelerated , before becoming extratropical over New York late on September 6 . The remnants of David persisted over New England and Atlantic Canada , before dissipating northeast of Newfoundland on September 8 .

In Dominica , strong winds damaged or destroyed 80 % of homes , leaving 75 % of the island 's population homeless . Agricultural was also severely impacted , with 75 % of crops ruined , including a complete loss of bananas . There were 56 deaths and 180 injuries . Similar destruction occurred on Guadeloupe and Martinique , with hundreds left homeless and extensive damage to crops . Guadeloupe and Martinique also had \$ 50 million and \$ 100 million in damage , respectively . In Puerto Rico , flooding and high winds combined resulted in \$ 70 million in damage and seven fatalities , four from electrocution . Dominican Republic was lashed with very strong winds and torrential rains . Entire villages were destroyed and numerous others were left isolated because of damage or destruction to many roads . Thousands of houses were destroyed , leaving over 200 @,@ 000 homeless in the aftermath of the hurricane . Additionally , nearly 70 % of the country 's crops were ruined . Overall , the storm caused at least 2 @,@ 000 deaths and about \$ 1 billion in damage in Dominican Republic . Minimal impact occurred in the Bahamas , Cuba , and Haiti . In Florida , strong winds left moderate damage , including a downed radio tower , snapping a crane , and deroofing buildings . There were also 10 tornadoes . Damage totaled approximately \$ 95 million . Other states along the East Coast of the United States experienced flooding and tornadoes . The latter was particularly severe in Virginia , with tornadoes causing one death , damaging 270 homes , and destroying three other homes . Throughout the United States , there were 15 deaths and about \$ 320 million in damage .

= = = Tropical Depression Eight = = =

A tropical disturbance formed over the Isthmus of Tehuantepec on August 24 . By the following day , the disturbance developed into a tropical depression , operationally classified as the eight of the season . The depression entered the Bay of Campeche on August 25 and headed northward . Around 06 : 00 UTC the following day , the system peaked with maximum sustained winds of 35 mph (55 km / h) . However , on August 28 , a ridge of high pressure forced the system to move west @-@ southwestward , causing it make landfall in a rural area of Tamaulipas later that day . The depression brought heavy rainfall to some areas of Mexico , with 18 @.@ 94 in (481 mm) of precipitation observed in Santa María Xadani , Oaxaca . Rainfall extended northward into Texas , peaking at 4 @.@ 86 in (123 mm) in McAllen .

= = = Hurricane Frederic = = =

Satellite imagery and ship observations indicated that a tropical depression developed at 06 : 00 UTC on August 29 , while located about 270 mi (430 km) south @-@ southwest of the southernmost island of Cape Verde . By 12 : 00 UTC the next day , the depression strengthened into Tropical Storm Frederic . Further intensification occurred , with the storm becoming a hurricane on September 1 . However , outflow from Hurricane David caused Fredric to weaken back to a tropical storm early the following day . While moving across the northern Leeward Islands on

September 4 , bringing gusty winds and heavy rainfall to some islands . In Sint Maarten , a fishing boat sank , killing seven people . Strong winds were observed in the United States Virgin Islands . On Saint Thomas , the roofs of three large apartment buildings were blown off , leaving about 50 families homeless . Additionally , flooding destroyed four houses and impacted 50 others . Numerous houses on Saint Croix also suffered water damage .

Around midday on September 4 , Frederic made landfall in Humacao , Puerto Rico with winds of 50 mph (85 km / h) . Flooding on the island forced over 6 000 people to flee their homes in search of shelter . Numerous roads were closed due to landslides and inundation . At least nine cities experienced flooding . After crossing Puerto Rico , Frederic briefly re-emerged into the Caribbean Sea , before making landfall near Santo Domingo , Dominican Republic with winds of 45 mph (75 km / h) at 00 : 00 UTC on September 6 . Minimal impact was reported in that country , though heavy rainfall , exceeding 24 in (610 mm) in some places , compounded damage inflicted by Hurricane David . Frederic weakened further while crossing Hispaniola . Later on September 6 , the system briefly re-emerged into the Atlantic Ocean , but land interaction with the island weakened it to a tropical depression . The storm crossed the Windward Passage and then made landfall in southeastern Guantánamo Province of Cuba early on September 7 . Due to the weak nature of Frederic , minimal impact was reported . It then moved along , or just offshore the southern coast of Cuba . While situated south of Matanzas Province early on September 9 , the system re-strengthened into a tropical storm . Despite land interaction with Cuba , Frederic continued to intensify .

Shortly before emerging into the Gulf of Mexico on September 10 , Frederic re-intensified into a hurricane . During the next few days , the storm significantly , but not rapidly , strengthened while moving northwestward . At 12 : 00 UTC on September 12 , Frederic attained its peak intensity with maximum sustained winds of 135 mph (215 km / h) and a minimum barometric pressure of 943 mbar (27 . 8 inHg) . Early on the next day , the storm made landfall near Dauphin Island and then near the Alabama - Mississippi state line . The storm rapidly weakened and fell to tropical storm intensity by late on September 13 . Frederic then accelerated northeastward and became extratropical over New York around 18 : 00 UTC the next day . The remnants persisted until dissipating over New Brunswick early on September 15 . Frederic brought destruction to the Gulf Coast of the United States . In Alabama , storm surge up to 12 ft (3 . 7 m) and wind gusts as high as 145 mph (233 km / h) caused the destruction of nearly all buildings within 900 ft (270 m) of the coast . In the Mobile , nearly 90 % of the city lost electricity . Extensive coastal damage was also reported in Mississippi , due to tides ranging from 6 to 12 ft (1 . 8 to 3 . 7 m) above normal . Hundreds of structures were severely impacted or destroyed . Throughout the United States , the storm caused five deaths and approximately \$ 2 . 3 billion in damage . Thus , Frederic was the costliest tropical cyclone in the United States , until being surpassed by Hurricane Hugo in 1989 .

== Tropical Storm Elena ==

On August 27 , a weak tropical wave crossed Florida and entered the Gulf of Mexico . Upon reaching the central Gulf of Mexico , ships , buoys , and satellite observations indicated that a tropical depression developed early on August 30 , while located about halfway between the southeastern tip of Louisiana and the north coast of the Yucatán Peninsula . A reconnaissance aircraft flight confirmed the existence of a tropical depression . Late on August 30 , the depression strengthened into Tropical Storm Elena . Early the next day , Elena peaked with winds of 40 mph (65 km / h) and a minimum barometric pressure of 1 004 mbar (29 . 6 inHg) .

Around 12 : 00 UTC on September 1 , the storm made landfall near Matagorda , Texas with winds of 40 mph (65 km / h) . Elena rapidly weakened to a tropical depression about six hours later , before dissipating early on September 2 . Due to the weak nature of the storm , impact was generally minor . In Texas , precipitation peaked at 10 . 28 in (261 mm) at Palacios Municipal Airport . Flooding occurred , with the worst impact in Harris County . Hundreds of cars were stalled or submerged in downtown Houston and 45 buses suffered water damage . Basements and the

police station were also inundated . Elsewhere in the county , some homes and businesses were flooded . Elena caused five deaths and less than \$ 10 million in damage .

= = = Hurricane Gloria = = =

A tropical wave existed the west coast of Africa and developed into a tropical depression by September 4 . Under the influence of a trough in the westerlies , the depression northeastward and bypassed Cape Verde on September 5 . At 12 : 00 UTC on the following day , the depression was upgraded to Tropical Storm Gloria , while moving west @-@ northwestward at about 17 mph (27 km / h) . After curving abruptly north @-@ northwestward , Gloria became a hurricane early on September 7 . A higher latitude frontal system and a high pressure area caused Gloria to decelerate and resulted in a westward motion beginning on September 9 .

Gloria briefly weakened to a tropical storm late on September 10 , but re @-@ strengthened into a hurricane on the following day . Eventually , the hurricane turned northeastward and began to accelerate . At 1800 UTC on September 12 , Gloria attained its peak intensity with winds of 100 mph (155 km / h) and a minimum barometric pressure of 975 mbar (28 @.@ 8 inHg) . The storm then began weakening and fell to Category 1 hurricane intensity on September 13 . During that time , Gloria slowly began merging with a low pressure area that was located north of the Azores and lost tropical characteristics by September 15 . Gloria was centered well north of Flores Island in the Azores , at the time .

= = = Hurricane Henri = = =

A tropical wave developed into a tropical depression near the Yucatan Peninsula on September 15 . It quickly entered the Gulf of Mexico and turned westward . As the depression was curving southwestward on September 16 , it strengthened and was upgraded to Tropical Storm Henri . Thereafter , Henri decelerated and continued to intensify , becoming a hurricane on September 17 . Later that day , as it was turning northwestward , the hurricane peaked with winds of 85 mph (140 km / h) and a minimum barometric pressure of 983 mbar (29 @.@ 0 inHg) . A nearby low pressure area caused Henri to move erratically . Henri began weakening due to land interaction with Mexico and it was downgraded back to a tropical storm on September 18 .

By September 19 , Henri doubled @-@ back southeastward while weakening to a tropical depression . The depression lost much of its convection and curved northeastward on September 20 , ahead of a cold front . Henri turned east @-@ northeastward on September 23 and was absorbed by a frontal low pressure trough in the east @-@ central Gulf of Mexico on the following day . This was a rare example of a storm entering the Gulf of Mexico and dissipating without making landfall . Henri disrupted cleanup efforts from the Ixtoc I oil spill by damaging a cap designed to stop oil from flowing into the Gulf of Mexico . Although it remained offshore , the storm brought heavy rainfall to Mexico , peaking at 19 @.@ 59 inches (498 mm) , forcing at least 2 @,@ 000 people from their homes in Ciudad del Carmen , Campeche .

= = = Mid @-@ September Tropical Depression = = =

This system formed as a non @-@ tropical low within a pre @-@ existing area of heavy thunderstorms along a stationary front on September 19 off the coast of Brownsville , Texas . The low appeared to the northwest of Tropical Storm Henri in the Gulf of Mexico and to the east of a cold @-@ core low over Arizona and New Mexico . The low became a non @-@ tropical gale center on September 20 , while moving into southeast Texas . The cyclone continued northeastward and dissipating over Tennessee . Sources differ on the status of this storm , with the National Hurricane Center (NHC) initially considering it a tropical depression , while the National Climatic Data Center considered the system non @-@ tropical and it is not included in the Atlantic hurricane best track .

The depression brought heavy rainfall to Texas , with 10 to 15 in (250 to 380 mm) of precipitation between Corpus Christi and southwestern Louisiana . Severe flooding occurred , especially in

Brazoria , Galveston , Harris , Nueces , and San Patricio counties . In Harris County alone , nearly 1 @, @ 950 homes and hundreds of cars were flooded . Two deaths were reported in Texas , both from drowning . Portions of western Louisiana experienced 10 to 17 in (250 to 430 mm) , resulting in severe flooding , with the worst impacted parishes being Allen , Calcasieu , and Rapides . Collectively , 1 @, @ 400 homes , businesses , and schools were flooded in the three parishes , while 40 @, @ 000 to 50 @, @ 000 acres (16 @, @ 000 to 20 @, @ 000 ha) of crops were inundated . In Mississippi , locally strong winds caused minor damage . Flooding to a lesser extend was also reported in Kentucky , North Carolina , and Virginia . Two additional deaths occurred in Kentucky .

= = = Subtropical Storm One = = =

A frontal wave formed about 200 mi (320 km) south @-@ southwest of Bermuda in response to a short wave in the westerlies on October 23 . After satellite imagery indicated that convection associated with the system was becoming increasingly concentrated , a subtropical depression developed 12 : 00 UTC . The subtropical depression moved rapidly north @-@ northeastward and strengthened into a subtropical storm early on October 24 , based on satellite imagery classification . Accelerating to a forward speed of 29 mph (47 km / h) , the storm intensified further and peaked with maximum sustained winds of 75 mph (120 km / h) ? equivalent to a minimal Category 1 hurricane ? at 18 : 00 UTC on October 24 .

Early on October 25 , the system attained its minimum barometric pressure of 980 mbar (29 inHg) . The storm already began weakening and losing tropical characteristics after tracking away from the Gulf Stream . Shortly thereafter , the cyclone made landfall near Rose Blanche @-@ Harbour le Cou , Newfoundland , with winds of 60 mph (95 km / h) . By the time it re @-@ emerged into the Atlantic later on October 25 , the system had transitioned into an extratropical cyclone . Rainfall spread across Atlantic Canada , peaking at 2 @. @ 91 in (74 mm) on northeastern Cape Breton Island in Nova Scotia .

= = = Other storms = = =

The first tropical depression of the season developed north of Puerto Rico on June 9 . It headed northward without intensifying and dissipated near Bermuda on the following day . Tropical Depression One existed in June from June 11 to June 16 . Another tropical depression developed north of Hispaniola on July 8 . It headed northward and then curved northeastward , bypass during the process . By July 13 , the depression dissipated while located well south of Newfoundland . A day after the previous tropical depression developed , another depression formed near 10th parallel in the eastern Atlantic on July 9 . It headed due westward and dissipated on July 11 . A tropical depression formed offshore of Georgia July 10 . The system moved north of due east with slight intensification on July 11 . It turned east , passing south of Bermuda early on the morning of July 13 while accelerating eastward , with the depression dissipating that afternoon . A tropical depression formed offshore western Africa on July 20 . The system moved westward through Cape Verde as a weak system on July 22 . The system turned west @-@ northwest and by late on July 25 , the depression began to weaken as it turned more to the north , and the system dissipated well to the east @-@ southeast of Bermuda on July 26 . Tropical Depression Six developed east of the Lesser Antilles on July 28 . The depression moved to the northwest and bypassed Bermuda on August 4 . The depression made landfall on the southeastern tip of Newfoundland on August 5 after passing southeast of Nova Scotia earlier that day . Tropical Depression Six became an extratropical cyclone while southeast of Labrador on August 6 .

Tropical Depression Eight formed in the Bay of Campeche on August 25 . Moving generally northwest , the depression moved into Mexico just south of the international border with the United States late on August 27 . Early on the following day , it dissipated inland . In Brownsville , Texas , rainfall accumulations totaled to 2 @. @ 83 inches (72 mm) on August 27 , which was a record amount of precipitation for that date . The last tropical depression in August developed offshore of

the The Carolinas on August 29 . The system quickly moved east @-@ northeast between the East coast North America and Bermuda over the next couple days . The depression became a frontal wave southeast of Newfoundland on September 1 , and dissipated soon afterward . Early in September , a tropical depression formed northeast of Cape Verde on September 1 . The depression moved west @-@ northwest before recurving sharply while located near the 40th meridian west on September 4 . Steadily weakening thereafter over cool waters , the depression dissipated southeast of the Azores on September 6 . A tropical depression formed near Cape Verde on September 16 and initially moved northwestward . Once it passed the 50th meridian west , the system turned northward and passed between Bermuda and the Azores . Turning northeast on September 20 , the system became an extratropical cyclone , passing northwest of the Azores before dissipating on September 21 . A tropical depression formed in the tropical north Atlantic east of the Lesser Antilles on September 21 . The system moved northwest over the next few days , staying well east of the Leeward Islands , before dissipating on September 24 .

Tropical Depression Fourteen formed on October 12 near Honduras and slowly moved to the northeast towards Cuba . The depression remained south of Cuba and turned back towards the Yucatan Peninsula . The depression made landfall in the Yucatan Peninsula on October 20 and dissipated shortly thereafter . Impact from the depression in this region is unknown . Toward the end of October , a tropical depression formed in the eastern tropical Atlantic on October 22 . It moved northwest over the next six days , dissipating on October 28 to the southwest of the Azores . The last tropical depression in October developed near Panama on October 24 . The depression initially moved northward toward Cuba , but eventually veered southwestward . By October 29 , the depression made landfall in Nicaragua and dissipated several hours later . Impact from this system in Central America is unknown . A subtropical depression formed from an old weather front , or baroclinic zone , on November 6 near Puerto Rico . The depression moved northeastward but appeared to have made contact with the westerlies , as it turned off to the east @-@ northeast . Ships that passed through the system recorded winds of 35 @-@ 40 mph (55 ? 65 km / h) . Early on November 10 , the system degenerated to a low pressure area , which soon dissipated . The final tropical depression of the season formed northeast of the Greater Antilles along a frontal zone on November 13 . The depression completed a quick recurvature over the next couple days without significant changes in intensity . By November 15 , the depression dissipated as a tropical cyclone .

= = Storm names = =

Since 1953 , the NHC and National Oceanic and Atmospheric Administration (NOAA) used a naming list that contained only female names . Throughout the years , feminist groups criticized this practice , especially in the aftermath of hurricanes Eloise in 1975 and Belle in 1976 . However , in May 1978 , NOAA administrator Richard A. Frank announced by a list with male and female names would be used in the eastern Pacific Ocean that year and in the Atlantic by 1979 , after submitting a proposal to the World Meteorological Organization . Initially , male names were scheduled to be introduced in the 1981 season . Storms were named Ana , Bob , Claudette , David , Frederic and Henri for the first time in 1979 . The name Elena was previously used in the 1965 season , and the name Gloria was used in 1976 . The names not retired from this list were used again in the 1985 season . The World Meteorological Organization retired two names in the spring of 1980 : David and Frederic . They were replaced in the 1985 season by Danny and Fabian . Names that were not assigned are marked in gray .

= = Season effects = =

The following table lists all of the storms that have formed in the 1979 Atlantic hurricane season . It includes their duration , names , landfall (s) (in parentheses) , damages , and death totals . Damage and deaths include totals while the storm was extratropical , a wave , or a low , and all of the damage figures are in 1979 USD .