

= Hurricane Doria (1967) =

Hurricane Doria was an unusual and erratic hurricane that existed during September 1967 . The fourth named storm and hurricane of the 1967 Atlantic hurricane season , Doria developed on September 8 off the east coast of Florida . It meandered until attaining tropical storm status , at which point the storm accelerated towards the northeast . On September 10 , Doria intensified into a Category 1 hurricane on the modern Saffir - Simpson Hurricane Scale . After moving out to sea , the storm turned westward towards the United States . A compact cyclone , Doria weakened to a tropical storm shortly before moving ashore in the Mid Atlantic States . The storm ultimately dissipated on September 21 .

The storm , which ultimately made landfall near the Virginia - North Carolina border , produced high winds along the coast from New Jersey through North Carolina . A small boat sank off the coast of New Jersey , killing three of its occupants . Overall damage was estimated around \$ 150 million (1967 USD) , although the storm overall was considered beneficial .

= Meteorological history =

The origins of Hurricane Doria are traced back to an area of disturbed weather off the northeastern coast of Florida on September 4 . For several days , the low pressure system meandered as its central barometric pressure gradually fell . The storm is estimated to have organized into a tropical depression at 0000 UTC on September 8 . At the time , it was situated north of Grand Bahama Island . Drifting westward , the cyclone attained tropical storm intensity early the next day . Doria turned northeastward and accelerated as it moved away from Florida . On September 10 , the tropical storm achieved hurricane force . Cold air became entrained into the hurricane 's circulation by September 11 , causing it to weaken to a tropical storm . However , its forward motion slowed and it once again strengthened .

The hurricane moved eastward , seemingly out to sea . However , an area of high pressure over New England began to steer Doria westward on September 13 . The hurricane continued to strengthen , and it is estimated to have peaked with maximum sustained winds of 85 mph (140 km / h) and a minimum air pressure of 973 mbar (hPa ; 28 . 73 inHg) . It maintained these winds for approximately 18 hours , before weakening slightly late on September 14 . In his 2007 book " Hurricanes and the Middle Atlantic States " , Rick Schwartz compared Doria to the 1933 Chesapeake - Potomac hurricane , citing similar intensities , tracks , and forward speeds . On September 16 , the storm weakened to a tropical storm in a colder , drier environment . As it turned southward , Doria quickly weakened . Initial forecasts suggested the possibility for the storm to maintain its severity and move ashore between Maryland and New Jersey .

Continually deteriorating , Doria made landfall near the Virginia - North Carolina border , and moved south over land . It reemerged over open waters on September 17 , and at around the same time , it weakened to a tropical depression . It curved southeastward as a weak depression , and several days later it was still identifiable as a storm system south of the island of Bermuda . It dissipated on September 21 . Doria had an unusual and capricious track , described as " one of the most erratic storms ever observed " .

= Impact =

In advance of the storm , hurricane warnings were issued for much of the East Coast of the United States . For 19 hours , about 260 mi (420 km) of shoreline was under an advisory . At least 400 people were evacuated from their homes in southern New Jersey and 600 from Ocean City , Maryland .

Doria was a small storm , although it brought high winds and moderate coastal flooding to some areas ; generally light rainfall was also observed . In North Carolina , 6 . 09 in (155 mm) of precipitation fell at Whiteville . Flash flooding and the overflowing of storm sewers ensued in the southeastern portions of the state ; there were also losses to crops , especially corn , cotton , and

tobacco . In Virginia , strong winds were reported along the coast , with gusts up to 60 mph (97 km / h) at Wallops Island . Along the east coast of the state , winds damaged trees , roofs , signs , and billboards . In Maryland , similar impact occurred in Ocean City , with damage sustained to signs and billboards and tore the roof of a prefabricated home ; a city boardwalk also sustained storm @-@ related damage .

A station at the Indian River Inlet in Delaware recorded a tide 6 @.@ 5 ft (2 @.@ 0 m) above @-@ normal ; the highest sustained winds reported on land association with the storm , 50 mph (80 km / h) , also occurred there . Atlantic City , New Jersey , recorded a peak gust of 39 mph (63 km / h) , with rainfall amounting to 0 @.@ 53 in (13 mm) . Damage from the storm was generally light . Off the coast of Ocean City , New Jersey , a cabin cruiser sank in 25 @-@ ft (7 @.@ 6 m) seas . Three of the vessel 's occupants , a mother and her two sons , drowned . In Massachusetts , some small boats sank at the harbors . At Ipswich Bay , 10 people required rescue after two boats capsized . Minor beach erosion was reported at Nantucket . Overall damage was estimated at \$ 150 @,@ 000 , which was considered minor . The storm 's passage was considered beneficial , due to adding sand to beaches and providing favorable rains .