Hurricane Newton (1986)

Hurricane Newton was one of the few tropical cyclones that were intercepted by Hurricane Hunter flights during the moderately active 1986 Pacific hurricane season . A tropical depression formed near Central America on September 18 ; two days later , the depression was upgraded into a tropical storm . Moving towards to northwest , Newton strengthened into a hurricane on September 21 . After paralleling the coast , Newton move ashore near Cabo San Lucas on September 22 . Shortly after entering the Gulf of California , the hurricane attaining its peak intensity of 85 mph (145 km / h) . The following day , Newton moved ashore the Mexican mainland . Newton dissipated on September 23 . However , the remnants of Newton continued across the United States and eventually emerged into the Atlantic Ocean . While 40 homes lost their roofs , damage in Mexico was fairly minor , and no fatalities were reported in association with Newton , though the remnants produced fairly heavy rains in the Great Plains .

Meteorological history

The origins of Newton were from a tropical disturbed weather near Nicaragua in mid @-@ September . Steered by an upper @-@ level trough located over the Western United States , the system moved westward and developed into a tropical depression at 1200 UTC on September 18 . It was located beneath an anticyclone situated the Central United States and over sea surface temperatures of 84 ° F (29 ° C) . The system steadily intensified as it paralleled the Mexican coast , and was upgraded into Tropical Storm Newton early on September 20 . Within 24 hours , Newton had attained winds of 60 mph (95 km / h) . Meanwhile , the storm turned northwest . At 0600 UTC September 21 , the Eastern Pacific Hurricane Center (EPHC) reported that Newton had attained hurricane strength while located about 200 mi (320 km) west @-@ northwest of Manzanillo , Colima .

Shortly after becoming a hurricane , a NOAA Hurricane Hunter aircraft investigated Newton . The aircraft passed the center on 1800 UTC September 21 , observing winds of 74 mph (119 km / h) to 79 mph (127 km / h) . Six hours later , the hurricane reached its minimum pressure of 984 mb (29 @.@ 1 inHg) . Hurricane Newton was one of the few storms to be intercepted by the aircraft that season . After moving north @-@ northwest , the hurricane briefly turned northwest , in the general direction of the Baja California Peninsula the next day . On 1800 UTC September 22 , Hurricane Newton made landfall 29 mi (47 km) from Cape Pulmo , a town situated northeast of Cabo San Lucas as a Category 1 hurricane on the Saffir @-@ Simpson Hurricane Scale . After emerging into the Gulf of California , the storm reached its peak wind speed of 85 mph (135 km / h) . At this time the tropical cyclone was situated about 60 mi (97 km) north of La Paz , Baja California Sur . By 1800 UTC , the hurricane moved ashore near Punta Rosa and quickly dissipated . The remains of the cyclone moved into New Mexico . The remnants of Hurricane Newton transversed the Central United States and the Mid @-@ Atlantic States until it entered the Atlantic Ocean later in the month .

Preparations and Impact

Prior to system 's first landfall , the EPHC noted the threat high waves , storm surge , and flooding . In addition , the navy , army , and police were on high alert in populated areas like La Paz due to the hurricane . On the mainland , roughly 700 people evacuated to shelters in Huatampo , a city that at that time had a population of 9 @,@ 000 , and Yavaros prior to landfall , but within hours after the passage of the hurricane , all but 127 had returned home .

Upon making landfall on the Baja California Peninsula , moderate rainfall was recorded though officials reported no emergencies . In Huatabampo , roofs were blown off of 40 homes . High winds blew down trees and utility poles . In addition , a peak rainfall total of 9 @.@ 23 inches (234 mm) was reported in Jopala . Overall , damage in Mexico was minor and less than anticipated . No injuries or fatalities were reported in association with Newton . Because Hurricane Newton , along

with a cold front , was predicted cause heavy rains over portions of the United States , flash flood warnings and watches were issued by the National Weather Service for parts of western Texas , New Mexico , and Arizona . Across the country , the highest rainfall was 5 @.@ 88 inches (149 mm) in Edwardsville , Kansas . The rainfall extended as far east as Pennsylvania . In Kansas City , Missouri , 20 @,@ 000 customers were without power since heavy rainfall downed power lines .