

= Hurricane Bud (2006) =

Hurricane Bud was the first hurricane and second named tropical cyclone of the 2006 Pacific hurricane season . It formed as a tropical depression on July 10 , to the south of the southern tip of Baja California . Shortly after , it became a tropical storm , and soon after the storm began to develop an eye . It began to intensify rapidly and was upgraded to a hurricane on July 11 . Bud reached its peak intensity on July 13 , becoming a Category 3 on the Saffir @-@ Simpson Hurricane Scale at its peak . After reaching cooler waters and an unfavorable environment , the hurricane rapidly weakened and dropped to a tropical depression status on July 15 . The system continued to lose its convection and eventually degenerated by the next day . As the storm remained away from land , no effects were reported as a tropical cyclone , though its remnant brought precipitation to Hawaii .

= = Meteorological history = =

On June 27 , 2006 , a tropical wave emerged off the west coast of Africa . It proceeded westward across the Atlantic Ocean and emerged into the eastern Pacific by July 7 . The wave spawned an area of low pressure , about 630 mi (1 @, @ 010 km) to the south of Manzanillo , Mexico . Interest in the system grew over the next day , and convection gradually became better organized . Early on July 11 , the low was designated as a tropical depression . The storm tracked west @-@ northwestward throughout its entire duration , under the steering currents of a mid @-@ level subtropical ridge which extended westward from northern Mexico .

Initially , a small upper @-@ level low pressure system to the north of the depression generated northerly wind shear and dry air , which inhibited the development of thunderstorm activity . However , after the tropical depression was designated , the low weakened , and the wind shear relented . Located over warm waters , the storm attained tropical storm status at 0600 UTC on July 11 , and as such it was named Bud by the National Hurricane Center . Subsequently , the storm quickly intensified . With more favorable conditions , the storm displayed a fairly organized banding pattern , and the previously exposed center of circulation became surrounded by convection . At 0000 UTC on July 12 , the storm developed an eye and was upgraded to a hurricane . The convection surrounding the center deepened , and a burst of thunderstorm activity within the southeastern eyewall obscured the eye on satellite imagery . Outflow was well established in all quadrants , though it was slightly restricted to the east , which was believed to have resulted from interaction with Tropical Storm Carlotta . Later on July 12 , Bud was upgraded to a Category 2 hurricane on the Saffir @-@ Simpson Hurricane Scale .

The storm attained major hurricane status as a Category 3 storm early on July 13 . It presented a well @-@ defined eye that was about 23 mi (37 km) in diameter , which was enveloped within by a complete ring of deep thunderstorms . A small cyclone , the area of winds contracted somewhat at around the same time . At 0600 UTC that day , the hurricane reached its peak intensity , with winds of 125 mph (205 km / h) and a minimum barometric pressure of 953 mb . Subsequently encountering cooler waters and stable air , rapid weakening began . As a result of the weakening trend , Bud became a Category 2 storm at 1800 UTC . The eye became obscured , and core convective cloud tops began to warm . Early on July 14 , the storm dropped below hurricane status and lost much of its convection during the day . In addition to the cooler sea surface temperatures and an unfavorable environment , southeasterly shear contributed to the weakening . By the evening , only a patch of thunderstorm activity lingered to the north of the center . On July 15 , the storm was downgraded to a tropical depression , and it degenerated into a remnant low the next day . The low fully dissipated within the low @-@ level easterly trade winds on July 17 , about 750 mi (1 @, @ 210 km) east @-@ northeast of Hawaii .

= = Impact = =

As a tropical cyclone Bud did not impact land Bud remained away from land , no effects , property

damage or fatalities were reported ; no ships were affected , and no tropical cyclone warnings and watches were issued . The remnants of Bud later brought light rainfall to the Hawaiian islands on July 19 , two days after it dissipated .