Hurricane statistics

Hurricanes are one of the most destructive and hazardous events on Earth. It is very important that people are given warning about the potential danger of an approaching hurricane and likeliness of property damage. The Saffir-Simpson Hurricane Scale (developed in the late 60s) is used to rank the danger level of hurricanes from 1 (minimal) to 5 (catastrophic). The categories are based on maximum sustained wind speed. The winds of a tropical storm range between 39 and 73mph. When its wind speeds reach over 73mph, the storm is classified as a hurricane.

Saffir-Simpson Hurricane Scale

Category	Maximum sustained wind speed (mph)
Category 1	74–95
Category 2	96–110
Category 3	111–130
Category 4	131–155
Category 5	More than 155

Use this scale to work out the category of hurricanes that occured between 2006 and 2007.

Name of hurricane	Date	Maximum sustained wind speed (mph)	Category
Bud	10–15 July 2006	125	
Carlotta	11–20 July 2006	85	
Daniel	17–26 July 2006	150	
Hector	15–22 Aug 2006	110	
Ioke	19–27 Aug 2006	160	
Ileana	21–27 Aug 2006	120	
Ernesto	24 Aug – 1 Sept 2006	75	
John	28 Aug – 4 Sept 2006	135	
Kristy	30 Aug – 7 Sept 2006	80	
Florence	3–13 Sept 2006	86	
Gordon	11–20 Sept 2006	120	
Helene	12–24 Sept 2006	125	
Lane	13–17 Sept 2006	125	
Isaac	27 Sept – 2 Oct 2006	85	
Paul	21–26 Oct 2006	105	
Sergio	14–20 Nov 2006	110	
Cosme	14–23 July 2007	75	
Flossie	8–16 Aug 2007	140	
Dean	13–23 Aug 2007	165	
Henriette	30 Aug – 6 Sept 2007	85	
Felix	31 Aug – 5 Sept 2007	165	
Humberto	12–14 Sept 2007	85	
Ivo	18–23 Sept 2007	80	
Lorenzo	25–28 Sept 2007	80	

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