

Tropical Season 2016 – Bermuda Tropical Cyclone Summary Table

Storm Name	Month	Watch/Warning Issued for Bermuda	Maximum Wind Speed at LF Wade (10min averaging)	Maximum Wind on/near Island	Significant Surge, Swell, Rainfall &/or Flooding	CPA & other notes	Verification
TS Colin	June 7 th	Potential Threat Small Craft (more assoc. with merging front)	26g33kt	n/a	n/a	450nm to WNW @ 6pm	
Hurcn Gaston (Major)	Aug 26-29 th	Not a Threat at this time Small Craft (in association with building swells)	n/a	n/a	Building easterly swell (9ft+) with hazardous surf	490nm to E @ 12noon Aug 29 th	
Hurcn Hermine	Aug 29 th - Sept 5 th	Not a Threat at this time Small Craft (in association with building swells)	n/a	n/a	Building westerly swell (9ft+)	350nm to NNW @ 12 midnight Sep 4 th	
TS Ian	Sept 14-15 th	Not a Threat at this time	n/a	n/a	Minimal easterly swells	570nm ESE @ 6pm Sep 14 th	
TS Karl	Sept 23-24 th	Threat, Tropical Storm Watch/Warning, also temporary Hurcn Watch	30g41kt around 8-9am on 24 th	38g59kt @ MAROPS around 8-9am on 24 th 38g50kt around 9am @ Heliport (new Causeway)	Estimated surge of 1ft around 9am on 24 th Very rough SE swells up to 18ft around 6am on 24 th . Extensive rainfall of 4.71inches for whole event, with localised flooding	44nm to SE @ 6am on 24 th	Track forecast was okay with a near passage to the SE. However, intensity was uncertain – strong TS or weak Cat 1 Hurcn @ CPA time.

					– contributed to wettest September on record		
Hurcn Nicole (Major)	Oct 12-13 th	Threat, Tropical Storm Warning, Hurricane Watch and then Hurricane Warning	72g91kt (2min averaging)	Heliport (old Causeway, 1min averaging) 61g89kt @ 1:30pm Comms Pt (Windguru, 1min averaging) 87g118kt @ 10:30am	Large swells, even days before onset of TS winds. Combined seas/swells estimated by local wave model and OPC analysis to be around 35ft. Esso pier data suggested a surge of towards 4ft, coincident with low tide on 13 th though. Around 7 inches or rain, with isolated thunder. Some localised flooding in usual spots (e.g. Mills Creek) and at Boaz Island.	Overhead at noon on 13 th , eye passage for all Island for approx. 1-1.5 hours	Models were generally in good agreement on track from several days out, even suggesting the landfall*. However, intensity forecast was poor, initially not even suggesting a major hurcn. *post season analysis by NHC has centre just to the east of BDA; therefore no landfall, only direct impact