Nice day in Paradise....?
Not always the case….

TC Winston – 20th Feb 2016

TAF AMD NFFN 200916Z 2009/2106 15050G80KT 9999 -SHRA BKN020 BKN042 OVC100 TEMPO 2009/2106 0500 +TSRA BKN015 SCT018CB=

SPECI NFFN 200900Z 14045G70KT 0500 +SHRA BKN015 BKN040 OVC100 26/26 Q0975 TEMPO 0500 +TSRA=

TC Winston – about to make landfall in Fiji.

From the NZ met service Blog
Pacific Met – can be summed up in one phrase…

♦ PROB30 TEMPO 5000 SHRA BKN015

♦ Covers everything…

♦ including one’s own posterior!
Pacific Met

♦ Two seasons – Dry & Wet

♦ Dry – May to October
  ♦ Temperature 28C daytime / 18C overnight.

♦ Wet – November to April
  ♦ Temperature 33C daytime / 26C overnight.
  ♦ Cyclone season – November to March.
  ♦ Fiji averages 3 CAT 1-3 cyclones in its near vicinity each season, and 1 “direct hit” every 3 years. Last Major cyclone was Winston, a Cat 5 in Feb 2016, which caused considerable damage due wind and storm surge.
ITCZ – Inter Tropical Convergence Zone

- Formed by the converging trade winds of the Northern and the southern hemisphere. The convergence produces thick clouds and abundant rainfall.
- It is the area of extreme instability; large amounts of water vapor and local effects largely govern the weather. On occasions of vigorous developments, massive CB clouds and heavy rain is likely. Clouds can extend up to 50,000ft. Ice accretion can be serious up to 35,000ft

Dry season – affects Kiribati (Christmas Island & Tarawa)

Wet season – affects Solomon Islands, Vanuatu, Samoa, Fiji, Tonga, Raratonga and New Caledonia
The Fiji Meteorological Service, as per agreement with the International Civil Aviation Organisation, functions as the Meteorological Watch Office for the Nadi Flight Information Region (FIR), which extends from Southern Kiribati to Tuvalu, Fiji, Vanuatu, Wallis and Futuna and New Caledonia. However, it still provides certain aviation forecast services to Cook Islands and limited services for Christmas Island (Line Islands), Tokelau, Samoa, Niue and Tonga which situated outside the Nadi FIR boundary.
Fiji Met – located in the airport compound.
AWOS

Fiji Airways
3/10/2018
Dissemination of information

Na Draki Weather
Private weather and climate consultative service

♦ Provides weather overview & shipping forecasts on a paid subscription service.

♦ Daily updates received via email. More frequent updates when required.

♦ Provides a more specialized service than Fiji Met, but not the official aviation forecast.
NGTA – Tarawa, Republic of Kiribati.
Tarawa
NGTA vs NGTT metars

24 km
Questions?