



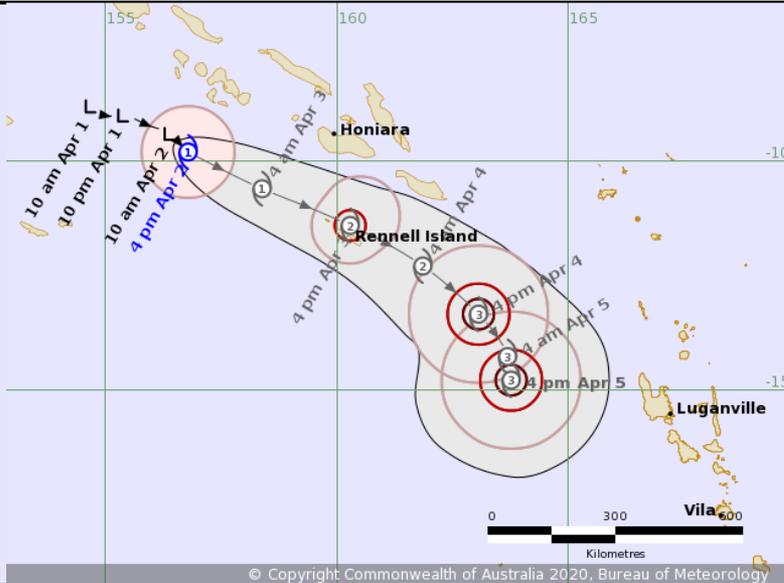
# 02 APR 20: TROPICAL CYCLONE HAROLD SNAPSHOT

Joint Intelligence Fusion Centre (NZ) - OPEN SOURCE SITUATIONAL AWARENESS  
 JIFC OSSA: 20/20 – Information cut off: 0728 UTC 02 Apr 20

JIFC Contingency Support Section  
 JIFCCONSPT@NZDF.MIL.NZ

TD		CATEGORY 1		CATEGORY 2		CATEGORY 3		CATEGORY 4		CATEGORY 5	
KM/H	KNOTS	KM/H	KNOTS	KM/H	KNOTS	KM/H	KNOTS	KM/H	KNOTS	KM/H	KNOTS
0-61	0-33	63-87	34-47	88-117	48-63	118-157	64-85	159-200	86-110	>200	>110

TC HAROLD Forecast Track Map, as at: 1654 AEST Apr 20  
 Source: Bureau of Meteorology



## SUMMARY:

TC HAROLD is a category 1 cyclone which has formed in the Coral Sea, west of the Solomon Islands. It is forecast to become a category 2 cyclone by midday on Friday, and continue increasing to a category 3 cyclone by the evening of Saturday 4 Apr 20.

Current intensity and movement: Sustained winds near the centre of 65 kilometres per hour with wind gusts to 95 kilometres per hour. Moving southeast at 10 kilometres per hour.

The system is forecast to track towards the southeast while intensifying as it approaches the Solomon Islands on Friday morning. Longer term, the system is expected to continue moving towards the southeast, and may affect Vanuatu late in the weekend or early next week as a category 3 severe tropical cyclone.

A heavy rain warning is in place for all of the Solomon Islands. Localised heavy rain may lead to flooding and landslides over communities living near hill slopes, close to large rivers, streams, and low lying areas.

Approximately 3,000 people live in the Rennell Islands in Solomon Islands, which Tropical Cyclone Harold is forecast to hit as a category 2 cyclone on Friday afternoon. Rennell Islands should expect destructive winds.

## TROPICAL CYCLONE TECHNICAL WEATHER BULLETIN: AUSTRALIA ISSUED BY BRISBANE TROPICAL CYCLONE WARNING CENTRE at 0728 UTC 02 APR 2020 – EXCERPT

The system is showing rapid intensification over the last six hours and is breaking Dvorak constraints. Very tight curvature of a persistent, deep convective band into the centre is evident.

At 01 2247Z ASCAT pass revealed 30 knot wind barbs to the south of the centre, suggesting underestimation of the system intensity.

The system is being steered towards the southeast by an upper trough to the west. This upper trough will be the main steering influence with a fairly steady southeast motion expected over the coming days.

TC HAROLD remains in a favourable environment for intensification over the next 48 hours. eventual proximity to the upper trough late in the weekend or early next week may begin to inhibit further intensification of the system, however **intensification to category 4 cannot be ruled out at this stage.**

## Useful Links:

Fiji Meteorological Service  
 RSMC Nadi-Tropical Cyclone Centre - <http://www.met.gov.fj>

Joint Typhoon Watch Center - <http://metoc.navy.mil/jtwc>

JIFC Contingency Summaries (DIXS Only)  
<http://ddms-r/ds/D3-0008/01/>

Reliefweb - <http://reliefweb.int>

Australia Bureau of Meteorology (BOM) – <http://bom.gov.au>

Vanuatu Meteorology & Geohazards Department – <https://vmgd.gov.vu>

Current and Past Cyclone Details	Forecast Cyclone Details (at 24, 48 and 72 hours from issue)
Current Location and Intensity Number	Forecast Location and Intensity Number
Very Destructive Hurricane Force Winds	Very Destructive Wind Boundary
Destructive Storm Force Winds	Destructive Wind Boundary
Damaging Gale Force Winds	Gale Force Wind Boundary
Past Track and Movement	Most Likely Future Track
Past Location and Intensity Number	Range of Likely Tracks over 72 hours

## Useful Contacts:

**New Zealand Consulate Solomon Islands**  
 Pakurang Plaza, 10  
 Aylesbury Street, Auckland  
 (09) 576 1214  
[kayhan@khandems.com](mailto:kayhan@khandems.com)

**New Zealand Consulate Vanuatu**  
 La Casa D'Andrea E Luciano,  
 Rue Pierre Lamy,  
 Port Vila, Shefa Province  
 +678 22 933  
[nzvanuatu@mfat.govt.nz](mailto:nzvanuatu@mfat.govt.nz)

**Solomon Islands Red Cross**  
 Lombi Crescent St, New  
 Chinatown, Honiara  
 +677 22 682  
[dissemination@redcross.org.sb](mailto:dissemination@redcross.org.sb)