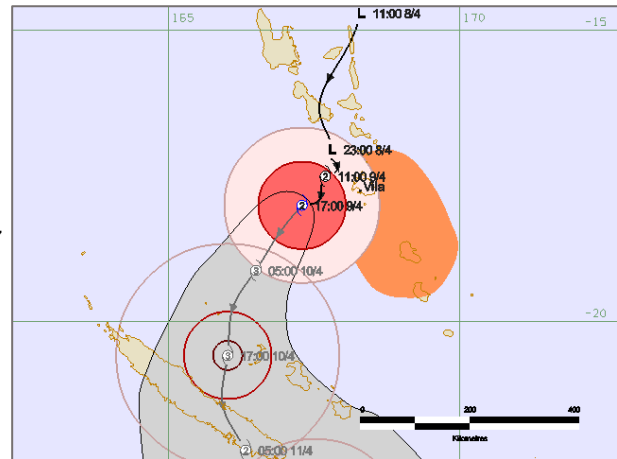




Situation Report

Response Name	Tropical Cyclone Cook
Situation Report	01
Time & Date	18:00, 9 th April 2017
Reporting period	07/04/2017 – 09/04/2017
Provinces affected	All Provinces
Attachment(s)	VMGD Forecast Update
NEOC Status	Operational



Situation Overview

A tropical low weather system has been moving from north-east of Vanuatu since Friday 9th April 2017 in a south westerly direction. In the early morning of Sunday 9th April, the Vanuatu Meteorology Department upgraded the system as Tropical Cyclone Cook. As of 17:50 today Vanuatu time Tropical Cyclone Cook was located at 18.0 degrees South 167.3 East. This is approximately 120km west south-west of Efate. Strong winds, heavy rainfall, flash flooding and rough seas with heavy swells have been experienced over northern, central and southern provinces.

The National Disaster Management Office (NDMO) has activated the National Emergency Operations Centre and is coordinating the response. There are estimated to be 13,000 households and an estimated 60,000 people living within 50km of the path of Tropical Cyclone Cook (VNSO 2009 data).

Preliminary Impact

The NDMO is communicating widely with Provincial authorities, partner agencies and local communities to establish a preliminary understanding of the extent and type of impacts. All information is subject to update and change as the situation evolves and assessments are undertaken in the coming days.

All domestic and international airports are currently closed due to weather and in some instances flooding.

Telecommunications systems are being affected with outages reported, mobile networks are experiencing outages. Short power outages have been reported.

Initial reports indicate significant and widespread damage to food crops.

Rough seas reported in all provinces. Damage to a small number of vessels is reported.

Torba: Minor impacts from moderate winds. No significant impact reported.

SANMA: Minor impacts reported.

PENAMA: Weather moderated from Saturday evening 9th April. Damage to crops reported. Roads were impacted from flooding.

MALAMPA: Reported damage to crops. Concerns about possible contaminated drinking water. Telecommunications outages are reported. Rough seas on Saturday 8th April have moderated.

SHEFA: Sustained strong winds, very rough seas with unconfirmed reports of damaged vessels. Widespread damage to crops. Localised flooding and fallen trees are causing road blockages. Localised flooding is causing damage to housing and resulting in a minor displacements. Approximately 500 people from 120 households in the greater Port Vila area have been moved to 9 evacuation centres. The International Organisation for Migration is assisting the NDMO in displacement tracking. The Vanuatu Mobile Force is supporting the NDMO to facilitate these safe evacuations. Other movements to evacuation centres are being locally coordinated and have not yet been quantified.

TAFEA: Strong winds and significant rainfall report Sunday 9th April. Damage to fruit and other crops. Mobile phone networks are not working. Major health facilities are functioning normally. There are no reported displacements.

General Coordination

The Acting Director of the National Disaster Management Office (NDMO) has briefed the National Disaster Committee. The Government of Vanuatu has activated the Emergency Fund, this is being used to support the response operation including fuelling trucks for evacuating citizens, food for evacuees and communications for response staff.

Inter-Cluster Coordination Meetings have taken place on both Friday 7th and Saturday 8th April. Line ministries, partner agencies, NGOs, UN partners and faith based groups are engaging through the Inter-Cluster mechanism. The National Disaster Management Office activated the National Emergency Operations Centre at midday on Saturday 8th April and it remains operational with personnel present 24hrs. Cluster focal points are supporting work in the National Emergency Operations Centre and offers of additional assistance have been made by several agencies. The Red Cross network is liaising with the NDMO.

Further Information

Weather: Meteo website <http://www.meteo.gov.vu/>

Prepared by: NDMO Information Management Unit

Released by: Mr Peter Korisa, Acting Director, National Disaster Management Office

Next situation report: Monday 10th April 2017

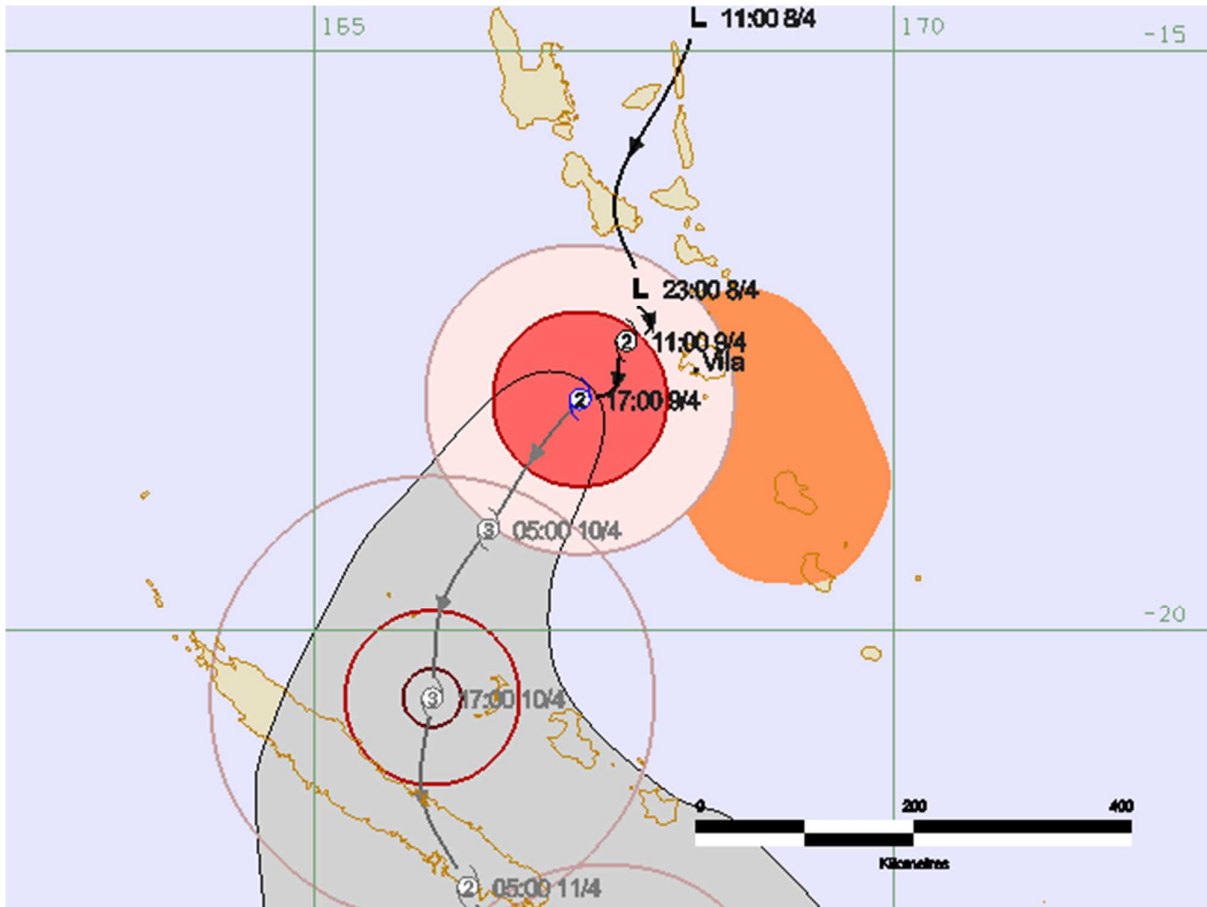








“For Immediate Broadcast”

TROPICAL CYCLONE FORECAST TRACK MAP

Tropical Cyclone COOK

Tropical Cyclone Forecast Track Map Number 16 issued at 6:02 pm VUT Sunday 9 April 2017



Community Threat	Past Cyclone Details
Warning Zone - Gales within 24 hours  Advisory Zone - Gales from 24 to 48 hours 	Past Location and Intensity Number  or L Past Track and Movement 
Current Cyclone Details	Forecast Cyclone Details (at 24 and 48 hours from issue)
Current Location and Intensity Number  or L	Forecast Location and Intensity Number  or L

Very Destructive Winds		Very Destructive Wind Boundary	
Destructive Winds		Destructive Wind Boundary	
Gale Force Winds		Gale Force Wind Boundary	
		Most Likely Future Track	
		Range of Likely Tracks	

The forecast path shown above is VMGD's best estimate of the cyclone's future movement and intensity. There is always some uncertainty associated with tropical cyclone forecasting and the grey zone indicates the range of likely tracks.

Due to the uncertainty in the future movement, the indicated winds will almost certainly extend to regions outside the rings on this map. The extent of the warning & watch zones reflects this.

Remarks:

Destructive storm force winds of 90 KM/HR, gusting to 130 KM/HR will continue to affect Shefa province. Damaging gale force winds of 75 KM/HR, gusting to 100 KM/HR are expected over parts of Tafea province. Winds over these areas will slowly weaken as the system moves southwest.

Heavy rainfall, and flash flooding is expected over low lying areas and areas close to river banks. Coastal flooding is also expected.

Name: Tropical Cyclone COOK

Details:

	Time (VUT)	Intensity Category	Latitude (decimal deg.)	Longitude (decimal deg.)	Estimated Position Accuracy (km)
0hr	5 pm April 9	2	18.0S	167.3E	20
+6hr	11 pm April 9	2	18.5S	166.9E	45
+12hr	5 am April 10	3	19.1S	166.5E	75
+18hr	11 am April 10	3	19.7S	166.1E	100
+24hr	5 pm April 10	3	20.6S	166.0E	130
+36hr	5 am April 11	2	22.2S	166.3E	190
+48hr	5 pm April 11	2	23.6S	167.5E	250

The next Forecast Track Map will be issued by 9:00 pm VUT Sunday