



THE SOLOMON ISLANDS NATIONAL EMERGENCY OPERATIONS CENTRE [NEOC]

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SI NEOC SITUATIONAL REPORT

National Emergency Operations Centre
National Disaster Management Office
Ministry of Environment, Climate Change, Disaster Management and Meteorology
Solomon Islands Government
Honiara

SITUATION REPORT NUMBER 11

Event SEVERE FLASH FLOODING

SITREP No. 11 Date: 13th May 2014 Time Issued: 21:00Hrs (9:00pm)
Next Update: As more information available

From: SI NEOC, NDMO To: N-DOC & NDC Chairs and Members, P-DOC and PDC Chairs and Members, PEOCs
Copies: NDMO Stakeholders, Donor Partners, Local & International NGOs, UN Agencies, Diplomatic Agencies, SIRPF, SIRC and SI Government Ministries and all SI Government Overseas Missions

This Situation Report contains information of activities conducted between the periods 29th April to 12th May 2014. All new information in red coloured font.

1. SITUATION DESCRIPTION

On periods between 2nd to 5th April 2014 a trough lies over the Solomon Islands. The weak low then developed into a Tropical Depression and later further developed into Tropical Cyclone Ita.

The 24 hours rainfall collected over the 3 days period recorded a total of 715mm rainfall, this almost triple the normal average rainfall for the month of April.

The excessive unremitting rainfall has resulted in severe flash flooding in all the major river systems on Honiara and on Guadalcanal. The flash floods have caused destruction to the environment, properties, economy, social security and people. An estimated 10,092 Internally Displaced People (IDPs) evacuated and take shelter at 27 Evacuation Centres across Honiara and on Guadalcanal, with 22 people confirmed dead across the country of which 18 deaths in Honiara City, 2 deaths on Guadalcanal and 2 deaths on Isabel Provinces, all the deaths are directly associated to the bad weather.



## 2. STATUS

### Death and Missing Persons

The final confirmed number of deceased resulting from the severe flash floods country wide was 22 and the confirmed number of missing persons was 2. The details of the figures are as follows, 19 deaths recorded in Honiara, 1 death in Guadalcanal, 2 deaths in Isabel. The 2 missing persons were recorded from Guadalcanal Province.

**Table 1.1.** Matrix indicating the final figures of deaths and missing

Region	Deaths	Missing	Remarks
Honiara	19		
Guadalcanal	1	2	
Isabel	2		
<b>TOTAL</b>	<b>22</b>	<b>2</b>	

### Population Displacements

Since April 3<sup>rd</sup>, the IDPs were known to have occupied initially 30 and later reduced 27 known Evacuation Centres. Table 1.2 summarised the status of the IDPs living on the ECs in the initial 2 to 3 weeks after the event. Exactly 1 month and 9 days after the devastated disaster, based on the on-going monitoring of the displaced populations occupying the various Evacuation Centres, a huge reduction of IDPs are recorded in the ECs. Although the actual figures of the IDPs in the ECs are still fluctuating, the actual figures as of Monday 12<sup>th</sup> May 2014 are as stated in the summarized matrix in Table 1.3. which note that only 44% of the IDPs are still living in the remaining 10 ECs that are still operational. However, please note that the figures represented in the Matrixes 1.1., 1.2. and 1.3. did not represent the IDPs living in their own residences, living with host families (relatives) and those living on the properties of their employers (companies).

**Table 1.2.** Matrix showing the summary of Internally Displaced People living in the Evacuation Centres prior to the repatriation exercise on 24<sup>th</sup> April 2014.

Affected Region	Total No. of ECs	Total No. of IDPs in ECs	Remarks
Honiara East	10	5816	
Honiara Central	9	2680	
Honiara West	3	780	
Guadalcanal	5	816	
<b>TOTAL</b>	<b>27</b>	<b>10,092</b>	Combined Total of HCC & GP

**Source:** SI NDMO, 2014.

**Table 1.3.** Matrix showing the summary of Internally Displaced People currently living in the Evacuation Centres as of 12<sup>th</sup> May 2014. Refer to the attached map for location.

Affected Region	Total No. of ECs	Total No. of IDPs in ECs	Remarks
Honiara East	3	2,252	
Honiara Central	6	2,061	
Honiara West	1	164	
Guadalcanal	0	0	
<b>TOTAL</b>	<b>10</b>	<b>4,477</b>	Combined Total of HCC & GP

**Source:** SI NDMO, 2014.



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The Analysis on Annex 1 shows the combined total of IDPs in terms of number of families (Households) living in the ECs, own residences, living with host families (relatives) and those living on the properties of their employers (companies).

**3. ASSESSED IMPACTS AND RESPONSES**

Based on the Initial Damaged Assessments and from the supplied data from some of the reports of the Detail Sectoral Assessments conducted by the various respective Government and joint Multi Agencies which include the SI Red Cross, NGOs and Regional Organisations the following are the final overview of the impacts caused by the disaster in the various sectors assessed.

**3.1. Shelter (Dwelling Houses)**

**A. Honiara City Council**

Assessment has long being completed by a joint Ministry of Lands and Housing together with the Solomon Islands Red Cross on communities residing along the Mataniko River, whilst a joint Multi-Agency Team has done the assessments on Burns Creek and White River. To this date, the NDMO Team is continuing a verification process on the data, particularly those residing on squatter settlements. The data should be finalised as soon as the verification process is complete.

**B. Guadalcanal Province**

Based on the assessment conducted by the Solomon Islands Red Cross Society and the World Vision Solomon Islands on more than 12 wards on Guadalcanal, the assessment noted that 1110 houses were either damaged or destroyed, this is 18% of the total house being assessed by the teams.

**Table 3.1.1b.** Matrix showing the summary of damaged shelter on Guadalcanal. Source: Shelter Team, 2014.

LOCATION (ward)	AGENCY	HOUSEHOLDS	PAX	HOUSE DAMAGE HOUSES CAT 3. & 4.	%
MALANGO	WVI	1,351	7,416	247	18%
VULOLU	WVI	692	3,451	54	8%
TANDAI	WVI	1,115	6,711	249	22%
LONGHU	WVI	37	169	1	3%
GHAOBATA	WVI	134	651	51	38%
SAHALU	SIRC				
SAVULEI	SIRC				
PARIPAO	WVI	652	3,232	20	3%
TASIMBOKO	SIRC				
AOLA	SIRC				
21	SIRC	2,065	11,151	487	24%
WEATHER COAST	WVI	99	454	1	1%
<b>TOTAL</b>		<b>6,145</b>	<b>33,235</b>	<b>1110</b>	<b>18%</b>
<b>Coverage</b>		7,396	40,000		
		83%	83%		
<b>Average pax / household</b>		5.41			



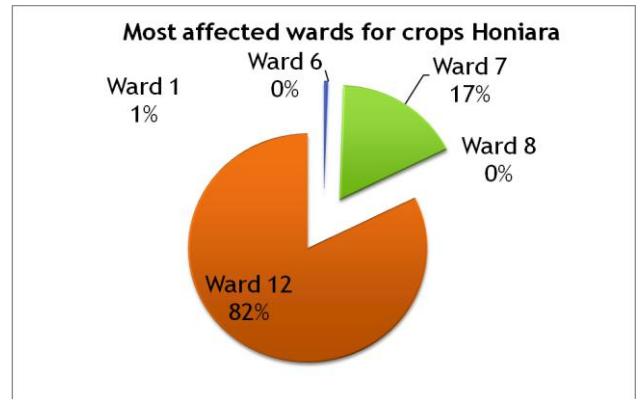
### 3.2. Agriculture

#### A. Honiara City Council

Based on the Assessment conducted by the Ministry of Agriculture and Live Stock (MAL) on five wards which were reported to have affected from the floods, only three of the wards are noted to have agriculture related impacts, meaning these wards actually have people engaged in either gardening, poultry, and livestock activities that were negatively impacted by the flash floods. Table 3.2.1. Matrix and Figure 3.2.1. Pie chart summarised the agricultural and live stock impacts per wards, noting only wards 7 (Mataniko) and 12 (Panatina) are the worst affected.

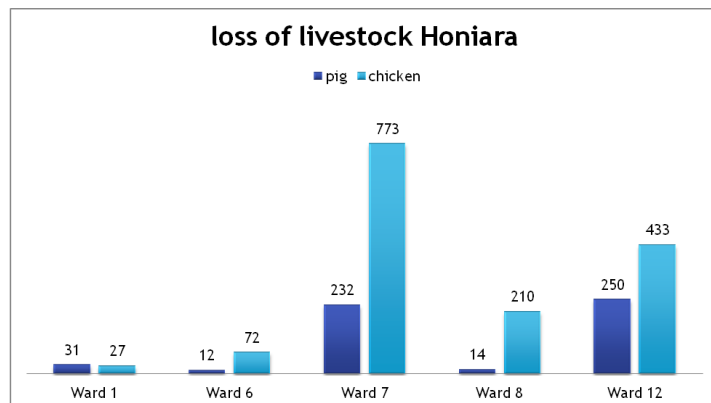
**Table 3.2.1a.** Matrix showing the percentage of destructions to the various types of crops and livestock affected. Source: MAL, 2014.

	Kumara	Cassava	Veg	Taro	Pana	Pig	Poultry
# HH 100% affected	694	844	392	382	483	2	7
# HH 75% affected	174	198	74	24		1	2
# HH 50% affected	16	104	88				4
# HH 25% affected	135	15	0	131	25	1	
Total affected	1019	1161	554	537	508	539	1515



**Figure 3.2.1a.** The agricultural and Livestock impacts per ward. Source: MAL, 2014.

In terms of livestock, all the wards recorded high percentage of impacts with wards 7, 12 and 8 as the worst affected in Honiara. Figure 3.2.2 shows the summary of impacts per wards.



**Figure 3.2.2a.** Graphical representation of the losses to pigs and chickens per ward. Source: MAL, 2014.

#### B. Guadalcanal Province

The Initial Damaged and Detail Sector Assessments on Agricultural and Livestock assessments were conducted on twelve wards including wards 21 West Ghaobata, 20 Malango, 18 East Tasimboko, 5 Wanderer bay, 6 Duldui, 16 Aola, 4 Tangarare, 17 Paripao, 3 Savulei, 2 Saghalu, 22 East Ghaobata, and 7 Vatukulau, except that assessment were not conducted on Ward 2 (West of Tanavasa) due to accessibility issue whereby assessors were demanded cash to cross bridges, and on ward 20 Malango where access to Gold Ridge were destroyed on the time of the assessment.

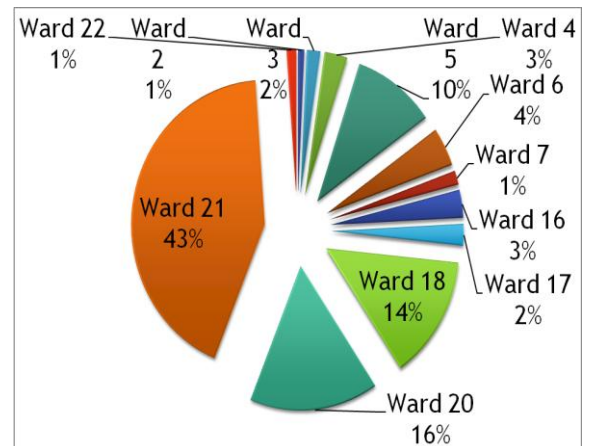


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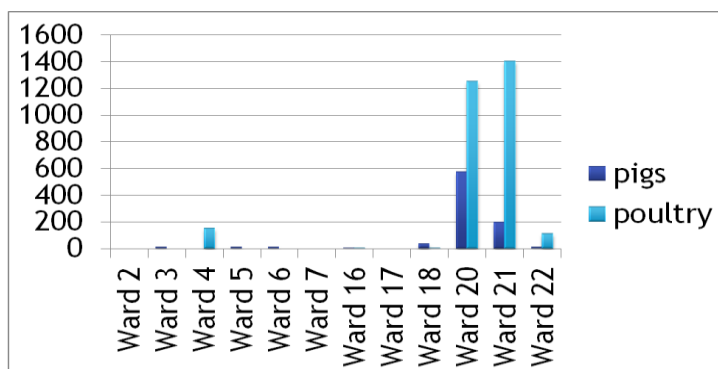
The assessments noted that only wards 5, 18, 20 and 21 were impacted severely by the disaster event. Please refer to Tables 3.2.2b and Figures 3.2.1b and 3.2.2b for the analysis.

**Table 3.2.2b.** Matrix showing the percentage of destructions to the various types of crops and livestock affected. Source: MAL, 2014.

	Kumara	Cassava	Veg	Taro	Pana	Pig	Poultry
# HH 100% affected	694	844	392	382	483	2	7
# HH 75% affected	174	198	74	24		1	2
# HH 50% affected	16	104	88				4
# HH 25% affected	135	15	0	131	25	1	
<b>Total affected</b>	<b>1019</b>	<b>1161</b>	<b>554</b>	<b>537</b>	<b>508</b>	<b>539</b>	<b>1515</b>



**Figure 3.2.1b.** The agricultural and Livestock impacts per ward. Source: MAL, 2014.



**Figure 3.2.2b.** Graphical representation of the losses to pigs and chickens per ward. Source: MAL, 2014.

The impacts to live stocks are mostly confined to communities in wards 21, 20 and 4 of which 20 recorded most losses to pigs and ward 21 recorded most losses to chickens. However, it should also be noted that 7 other wards do also recorded losses to either pigs or chicken but only minimal. Figure 3.3.3b shows the analysed finding representation of the impacts to the live stocks per wards.

### 3.3. Health

#### A. Medical

Please refer to the MHMS SITREP 10 attached.

#### B. RWASH cluster Partners response:

- Water produced from water purification units (nomads) is trucked to the remaining evacuation centers, as well as communities in Honiara and Guadalcanal.
- 142 unprotected dug wells cleaned in GP by last Saturday; cleaning continues
- 3 UNICEF potable water testing kits in country which will be managed by RWSS. A water quality working group will be overseeing the water quality monitoring.
- WASH cluster is assisting in the planning for WASH infrastructure at FOPA. Possibility to place Nomad there being considered. Dry pit latrine is a preferred option by cluster due to limitation of water.
- Hygiene promotion teams are active in Guadalcanal Province. IEC materials for



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household water treatment will also be available with SIRC;

- WASH portion of the World Bank/ MDPAC led Rapid Socio-Economic Impact assessment being finalized by UNICEF.

*Please refer to the RWASH and Partners Water Distribution Matrix attached for the water distribution.*

### 3.4. All other SIG Relevant Sectors

It is understood that all the SIG relevant sectors that under took their respective Detail Sector Assessments (DSA) had completed their DSA already with some already submitting the summary of their key findings whilst others are yet to provide their reports to the NDMO.

#### Coordination meetings

- Coordination meeting amongst the Clusters and the SIG, Donors and Stakeholders meetings on-going.

## 4. PROVINCIAL RESPONSE

### Honiara City Council

- HCC EOC now operating out of the NDMO Vavaya Ridge Office, and in a much scaled-down Human Resources.
- Providing logistics to support feeding at the Evacuation Centres still operational in Honiara City is on-going.

### Guadalcanal Province

- The Guadalcanal Province Emergency Operation Centre still on 'Full on activation' and is still operating out of the RSIPF Guadalcanal Provincial Police Head Quarters at Henderson Airport.
- All the Evacuation Centres operated by GP were now closed.

## 5. NATIONAL RESPONSE

### NEOC

- National Emergency Operation Centre (NEOC) remains on Full-on Activation mode; and is operational on a 24 hour basis.
- Supporting HCC in Data input and analysis
- Supporting GP in its current operations
- Support Isabel, Western, Choiseul and Malaita Provinces the planning for major relief operations which will be undertaken soon.

### Police Operations Centre

- POC stood-down as of 21th April, however, the RSIPF is still very much providing support to the Welfare/IDP Teams that are currently looking after the ECs and the repatriation.

### National Referral Hospital HEOC

- Remains on Full-on Activation. Please refer to the MHMS SITREP 10 attached for details.



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**IRA Cluster**

- Now scaled-down and only providing support when called for by the NDMO through the NEOC.

**6. INTERNATIONAL RESPONSE**

- Deployment of Regional and International personnel from various agencies to support agencies and sectors in the field. These include UN Agencies, International Federation of Red Cross, and other INGOs. Now that the interventions are now scaled-down, most of the International and Regional deployed personnel are now returned to their respective countries.
- Many Foreign Governments, Institutions' including Solomon Islands Missions Overseas and Solomon Islands Communities living abroad have donated in cash, kind and pledges towards the continuous disaster operations.

**7. CURRENT OPERATION**

- Household damaged & destroyed data verification is on-going
- Feeding at the Evacuation Centres that are still operational are on-going.
- Voluntary repatriation on-going. Initiated by SIG and supported by all the NGOs including SI Red Cross, World Vision and others.

**8. FUTURE OPERATIONS**

The following activities will be the priority

- The Repatriation of IDPs currently occupying the last remaining Evacuation Centres.
- Relief Distributions (Food and NFIs) for affected communities on Guadalcanal is on-going through the SI Red Cross and World Vision.
- Implementation of the HAP by the relevant Organisations is on-going.

**9. RECOMMENDATION**

- All Stakeholders cooperated in the Assessment and Repatriation Processes.
- All Disaster Management Stakeholders are encouraged to share their data/information.
- All SIG Relevant Sectors are urged to provide a copy of their DSA to the NEOC.

**FEEDBACK TO ORIGINAL STATION**

SENDER DETAILS		RECEIVER DETAILS	
Name:	George Baragamu	Name:	N-DOC (DNDMO) & NDC Chairs (PS MECDM)
Contact:	27063/27936	Contact:	NDMO & MECDM
Time:	21:00Hrs (9:00pm)	Time:	21:00Hrs (9:00pm)
Signature:	GB	Signature:	LY & MM



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**ANNEXES**

**ANNEX 1. EVACUATION CENTRES.**

**Table 1** Matrix showing the current Evacuation Centres still operational in Honiara.

Region Affected	Evac Centre	Current		Repatriation		Status
		H/Hold	Popn.	H/Hold	Popn.	
East Honiara	FOPA	229	1180			Operational
	Disability Centre	24	103			Operational
	Pavilion	240	969			Operational
Central Honiara	Holy Cross Hall	82	270			Operational
	Mbokonavera School	269	1626			Operational
	Varamata	26	115			Operational
	Multi-Purpose Hall	2	9			Operational
	Honiara High School	3	11			Operational
	Honiara City Council Education Authority Building	3	30			Operational
West Honiara	Rove Police Club	38	164			Operational
<b>TOTAL</b>		<b>916</b>	<b>4,477</b>			

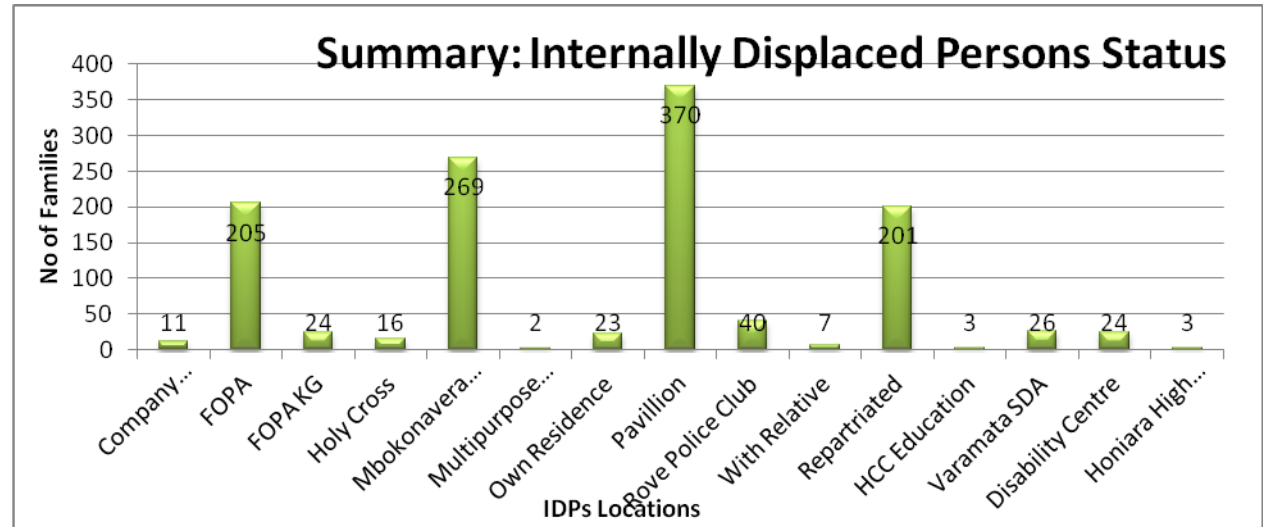




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**ANNEX 2.** Summary: Total analysed figures of recorded families/households living in the current various locations in Honiara.

Row Labels	Sum of No of families
<b>Company Residence</b>	<b>11</b>
FOPA	205
FOPA KG	24
Holy Cross	16
Mbokonavera	
School	269
Multipurpose Hall	2
<b>Own Residence</b>	<b>23</b>
Pavillion	370
Rove Police Club	40
<b>With Relative</b>	<b>7</b>
<b>Repartriated</b>	<b>201</b>
HCC Education	3
Varamata SDA	26
Disability Centre	24
Honiara High School	3
<b>Grand Total</b>	<b>1224</b>



**Figure 1.** The Graphical representation of Table 1 showing the current numbers of families/households occupying the ECs still operational, living in own residences, living with host families and living on their employers' properties'. Source: NDMO, 2014.

**Table 2.** Matrix showing the current numbers of families/households occupying the ECs still operational, living in own residences, living with host families and living on their employers' properties'. Source: NDMO, 2014.



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### ANNEX 3. SUMMARY DONATIONS RECEIVED

Please refer to the attached document. Note, updating of the data is on-going.