



# NATIONAL DISASTER COUNCIL



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## 6 FEBRUARY TEMOTU EARTHQUAKE AND TSUNAMI SI NDMO/NEOC SITUATION REPORT NUMBER 05

### Event

8.0 Earthquake and tsunami near Santa Cruz Islands, Temotu Province.

**SITREP No. 05**

**Date:** 11/2/2013

**Time Issued:** 1800 Hrs

**Next Update:** 1800hrs - 12/02/2013

**From:** 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

### Situation

*New information highlighted in red.*

At 12.12pm Wednesday 6<sup>th</sup> February, 2013 a 8.0 magnitude undersea earthquake occurred 33km West-Southwest of the Santa Cruz Islands and generated a destructive tsunami. At 12.23pm the SI Meteorological Service issued a tsunami warning for 5 provinces in Solomon Islands; Temotu, Malaita, Makira-Ulawa, Central and Guadalcanal. By 1.18pm the threat to the 5 Provinces had been assessed and for Guadalcanal and Temotu this was downgraded to watch status. The tsunami warning remained in effect for Temotu, Makira-Ulawa and Malaita Provinces until 5pm. A large number of aftershocks have occurred after the event, with 7.1 being the highest. The Temotu Provincial Emergency Operations Centre (PEOC) was activated and a team was deployed to the Temotu province to assist the provincial staff

### Areas Affected

*Mostly the coastal villages on Santa Cruz. Please refer to the Map on Figure 1.*

**Status** (All on this section are new)

## **Health**

In depth assessment was conducted in the first camp by the health team. The following issues are being observed.

### **1. Manoputi Camp**

- 37 families interviewed
- Made up of 7 camps
- Only one was reached
- Total pop of 426 with 68 families
- 1 dead
- Consist of 68 families whose houses are destroyed
- Majority of population are in the age group of 15 -49 and second with the age group of 1- 4 yrs old
- Evidence of Respiratory Infection is of the highest concern
- Small number of diarrheal cases
- Camps poorly organised
- Use of Cut hole as latrines
- Camp access to 5000lrs of water tanks which is managed by the Chief and is running low. It takes 27mins to reach.
- Sea was used for bathing
- Rubbish disposed everywhere
- Depend on Kakake and Breadfruit
- Initial relief supplies not enough
- Accessibility by Sea and road but prefer road

### **Nutrition**

- No signs of Malnutrition
- No visible of malnutrition problem
- Needs Protein supplements

### **Immediate needs**

- Water
- Shelter
- Clothing
- Proper Sanitation
- Child Friendly Space required

### **LATA Water Supply**

- No water to Graciosa bay and Lata station
- Water supply broken before disaster and was further damaged by the Tsunami
- Parts required are with the DPS who is in Honiara

### Red Cross Action

- Lata water source cleaned by the Red Cross team
- Water model installed
- Produced 3000 litres of water which was distributed to 2 camps
- Manoputi to receive 3000 litres of water tomorrow
- 2 more machine to be received by RC Team
- Water tanks to be erected at the camps and refilled daily as directed by the Watsan team

### Logistics

- Half of the Haul of MV Anarvon unloaded as of yesterday 10/02/2013
- Main wharf was cut off from the rest making it unsafe to work faster
- Accessed 3 storage facilities
- Require another 2 trucks to reach a total of 5 trucks

### Assessment data

Tabulated below are the preliminary data which will be finalized for distribution by 11/2/13 as per the daily plan of action.

Household Information				
No.	Camp Name	Village	No. Households Damage	Population
1	Lata Camp	Nela	45	225
		Luava	41	238
2	Venga Camp	Venga	105	302
3	Banga Camp	Baenga	29	103
4	Nemba Camp	Nemba	79	290
5		Mali	26	100
6	Manopitu Camp	Manoputi	68	295
7		Bania	17	100
8	Ngea Camp	Ngea	116	254
9	Naqu Camp	Masoko	3	20
10		Naqu	65	353
11	Bamoi Camp	Bamoi	16	122
12		Lunelo	1	3
13	Bonate Camp	Bonate	4	29
			615	2434

### Assessment & Distribution Plan 11/2/13

- a) Collect camp representative to verify village data
- b) AM Team briefing
- c) Patrol Boat deployed to Nangu for distribution and verification of data

- d) Unloading of MV Anarvon continues
- e) Distribution of relief items in Nangu
- f) Camp assessment
- g) PM Briefing

Tabulated below are the NFI's that are available for distributions

	Organisation				Total
	World Vision	Red Cross	OxFam	Save the Children	
Item Description	Quantity	Quantity	Quantity	Quantity	
Family Kits	133			95	228
Household Kits	86	44	650		780
Household Kits (Parcels)		253			253
Kitchen Kits (large)	98	347	250	96	791
Kitchen Kits (Small)	88				88
Baby Kits	9				9
Shelter Kits	85	185			270
Mosquito Nets	88	200	500		788
Blankets	100	376			476
Tarp (Large)	34	237	600		871
Tarp (Small)	561				561
Jerry Cans	180	200	1500	95	1975
Pots	84				84
Farmer Baskets	72				72
Bucket		10			10
Mats		216			216
Lamps		504			504
Dish		87			87
<b>Total</b>	<b>1618</b>	<b>2659</b>	<b>3500</b>	<b>286</b>	<b>8063</b>

**Distributions done so far.**

**Emergency Relief Distributions**  
**2013 Temotu Earthquake and Tsunami**

No	Community Name	Total House hold	Tarps/Rope	Water Containers	Bottled Water	Rice (1Kg)
1	NEA	116	116	116	348	696
2	NELA	43	43	43	129	258
3	VENGA	105	105	105		630
4	AREA 4	12	12	12	48	84
5	LUAVA	17	17	17	51	102
6	NEMBA	79	79	79	237	474
7	MALI	26	26	26	78	156
8	MANOPUTI	54	54	54	162	324
9	BANIA					
<b>TOTAL</b>		<b>452</b>	<b>452</b>	<b>452</b>	<b>1053</b>	<b>2724</b>

**Provincial Assistance:**

- A Multi-Sectoral team was deployed to assist the PEOC which was activated who are providing regular updates to the NEOC.
- Six teams deployed to North East Santa Cruz, Nea, Nela/Venga, Luava/Malo/Neo, Nemba/Manoputi, Bania have returned and are now finalizing their reports.

**National Assistance:**

- The on-going coordination and overseeing of the Response/Relief Phase by the NDC
- The activation of the N-DOC Clusters.
- NEOC remains activated and is coordinating the response and coordination of agencies/DM Stakeholders at the National Level whilst the PEOC is coordinating the Provincial Level efforts.
- The Royal Solomon Islands Police Vessel (Patrol Boat) has been deployed under the Initial Response and Assessment Cluster, and it will remain on Santa Cruz for at least 14 days, assisting in assessments and emergency relief missions.
- The MV Arnavon cargo ship has been chartered by the SI Government and is currently in Lata delivering emergency relief items.
- The Ministry of Health has deployed a National Health Response Team to Lata and is currently conducting assessments and carries out other health/medical and clinical tasks as part of providing support for the Provincial Health Sector.
- SI Red Cross, World Vision, Oxfam, Save the Children, ADRA and some other NGOs have deployed

their National Staff under the Initial Response and Assessment Cluster and also under the Welfare/IDP Cluster.

**International Assistance:**

Australia, New Zealand, the EU and the UN have offered support if required.

Australia has assisted in the aerial assessment with the use of the RAAF C130J and the fueling of the RSIPF PV Patrol Boat.

**Future Operations:**

- Complete emergency relief operations
- Conduct gaps analysis for future request by PEOC/NEOC/Clusters and International Partners
- Conduct the Detail Sector Assessment by respective sectors.
- Compile the Initial Damage/Needs Assessment and the Detail Sector Assessment Reports.
- Deployment of additional personal under the NEOC, Welfare/IDP, Infrastructure and Response Clusters to relief the current National Team on the ground.

**Recommendations:**

- Immediate supply/distribution food, water, clothing and tarp
- Verification of and consolidating of field information
- Development of distribution plan

Specific for the Water and Sanitation under the Health Sector in the Public Service Cluster, the following recommendation were being recommended for the Graciosa Bay- Lata Water Source by the WASH Team that are currently on the ground:

**Immediate/Short Term Solution:**

- Thorough cleaning up of the pool water source including the logs and mud.
- Rebuilding of the retaining wall with stones and mesh.
- Fixing of the inlet of the suction pipe.
- Repair and maintenance of the pump (electrical parts). (Material Lists with DPS currently in Honiara). Spare parts for the pump are obtained from the Island Enterprise. It is recommended that technical staffs from the Island Enterprise should come and installed the spare parts in the pump
- Temporary pipe line to feed the Graciosa Bay Community. (To surveyed and quantified by RWSS Engineer).
- Source one more NOMAD Water Purification Plant to compliment the one currently provided by the SI Red Cross.

**Longer-term solutions:**

- Lift the inlet pipe up
- Change filter
- Rebuild new pillar in concrete
- Check main lines if any leakages

**Evaluation:**

Based on analysis, it is worth noting that the rate of progress of which the Assessments and Relief Activates has been conducted is slow but improving due to many factor including the on-going tremors/after-shocks that hampered assessment and relief distribution efforts as the safety of humanitarian responders paramount to this operation.

The other two priority areas based on the supplied information are the issue of the provision for clean water for drinking and other consumption, and the issue of the Internally Displaced People (IDP)s versus their preferences of living

**NEOC Activation:**

- NEOC has been activated on Full-on Activation mode.
- The Initial Response and Assessment, Logistics and Support, Infrastructure and Welfare/IDP Clusters have all been formally activated by the N-DOC with approval of the NDC
- All Organizations regarded as DM Stakeholders (SI Govt, I/NGOs, UN Agencies and the Province have activated their own respective response arrangements that compliments the SI DM Arrangements).

**Assessment:**

It is confirmed that all 6 Provincial Disaster Assessment Teams deployed a day after the disaster has now returned and that the initial damaged/needs data has already being collated and now being analysed.

It is also being confirmed that the Joint National and Provincial Assessments Teams for Detail Sectoral Assessments (DSA) were being deployed today on-board the RSIPV Patrol. The Team is made up of the Health Sector/Medical, Geology and Seismology and they were being deployed to the Lord Howe Island (Nibanga Noi).

In terms of information, the collating and analysing of field data is still a major gap as there has been inconsistency and discrepancies in terms of numbers of the affected households and population.

The data indicated that IDPs exists and that there should more be done in trying to deal with the issue of IDP.

**Feedback to Original Station**

[Insert a statement if any feedback is required]

SENDER DETAILS		RECEIVER DETAILS	
Name:	George Baragamu	Name:	N-DOC & NDC Chairs
Contact:	7449741	Contact:	NDMO & MECDM
Time:	1800Hrs	Time:	1800 Hrs
Signature:	GB	Signature:	LY & CI



# IMPACT MAP OF SANTA CRUZ ISLAND - 10 Feb 2013

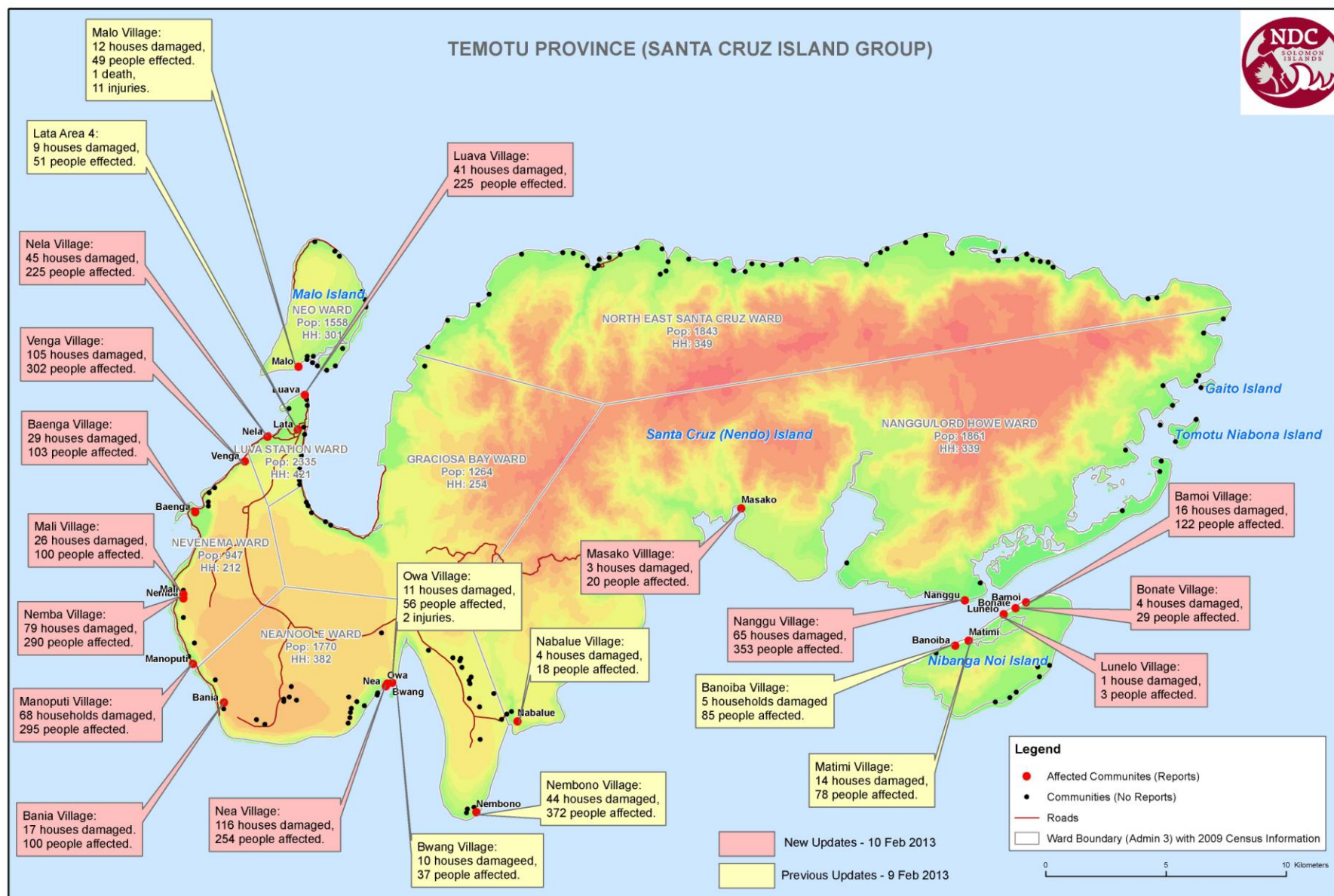


Figure 1: The Impact Map of Santa Cruz, showing the villages being affected.



# RELIEF DISTRIBUTION MAP OF SANTA CRUZ ISLAND - 10 Feb 2013

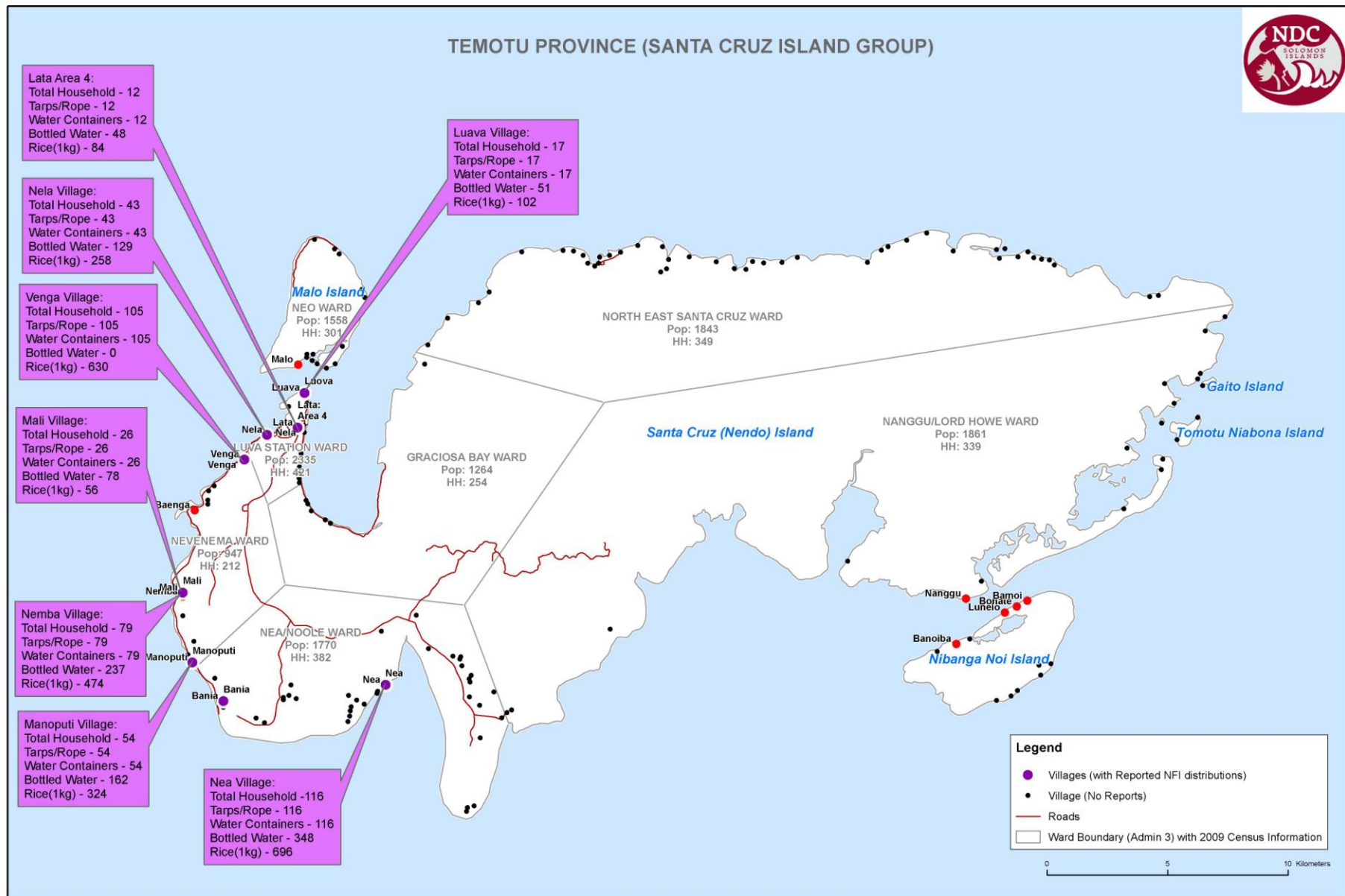


Figure 2: The Map showing the villages where emergency relief items were being distributed.