

**EVENT:**

As a result of heavy and continuous rainfall over the last 60 hours, several areas in all ten (10) Regions of Guyana were reported to be flooded. The water level in the East Demerara Water Conservancy (EDWC) over the last three (3) days fluctuated as follows:

Location

May 07, 2012

May 08, 2012

May 9, 2012

Rainfall

Water Level

Rainfall

Water Level

Rainfall

Water Level

**Lama**

19.8mm

56:70

56.75

6.1mm

56.70

**Flag Staff**

22.3mm

57.00

26.3mm

57.15

4.6

57.10

**Land of Canaan**

9.4mm

57.05

10.8mm

57.10

1.1

57.10

**Mahaica Creek**

54.50

54.60

54.70

**PROGNOSIS:**

The Hydrometrological Services predicted cloudy conditions with showers over Regions 2 to 6 and 10. It is expected that the other regions will experience partly cloudy conditions with isolated showers. Rainfall is expected to be between 15.0mm and 25.0mm today, May 09, 2012.

**IMPACT**

Total loss and the total number of persons affected to date are yet to be determined.

**AREAS AFFECTED**

**Region 1 - BARIMA-WAINI:** Nothing further to report

**Region 2 - POMEROON-SUPENAAM:** Nothing further to report

**Region 3 - ESSEQUIBO ISLANDS-WEST DEMERARA**

The water level in the Boarasirie remains critical at 61.50 GD. Engineers continue to work at Stanleytown to rectify the breached sea defence. The breach at Cane Garden in Leguan Island is being fortified with sand bags to facilitate repairs by the contractor. Additionally, it was reported that the communities of Uniform, Cane Field, Clairmont in Leguan were inundated with approximately 4 inches of water and Wallers Delight on the West Coast Demerara with about 2 inches.

**Region 4 - DEMERARA-MAHAICA:** Nothing further to report

**Region 5 - MAHAICA-BERBICE:** Nothing further to report

### **Region 6 - EAST BERBICE-CORENTYNE**

The flood water continues to recede in the affected areas. Details on the severity of the flooding in this region are unavailable. The RDC reported that the pump at the Ordnance-Fortlands NDC is still unserviceable. It was also reported that the sluice at Liverpool remains silted however an excavator was deployed and work has commenced to clear the Liverpool outfall. Kilmarnock sluice is still to be repaired.

### **Region 7 - CUYUNI- MAZARUNI**

The Regional Executive Officer reported that water is accumulating in and around Bartica during high tides.

### **Region 8 - POTARO-SIPARUNI**

The Regional Executive Officer reported flooding in Chenapowu where seven (7) houses remain inundated. The communities of Itabac, Kpinang and Monkey Mountain are experiencing high levels of water. No report on the intensity is available.

### **Region 9 - UPPER TAKUTU-UPPER ESSEQUIBO**

The Regional Executive Officer reported that heavy rainfall in the Deep South caused the Rupununi River to overflow its bank resulting in flooding of the flatlands and savannahs. Further, it was reported that in Central Lethem the water level on the land continues to rise despite no rainfall over the last 60 hours. The height of the water at the Lethem/St Ignatius Bridge is at the same level as that of the road on both sides. The two (2) bridges and the access roads to Karasabai remain flooded and impassable to vehicles. The water level in the Takutu and Ireng Rivers continues to rise. It was also reported that as a result of the flood one (1) house in Sand Creek is under water and farms in Shea Village remain inundated.

### **Region 10- UPPER DEMERARA-BERBICE**

There were no reports of flooding in this region. However, the Demerara River began to crest its banks in the vicinity of Dagrard Avenue.

## **PUBLIC BUILDING UPDATES**

Schools in all the affected areas continue to function.

## **ACTIONS BY THE CIVIL DEFENCE COMMISSION**

The Commission continues to monitor and assess the vulnerable communities and

conservancies which are usually affected by the heavy rains.

## **ACTION BY OTHER ORGANISATIONS**

**Ministry of Health:** Nothing to report.

### **Ministry of Agriculture**

The Ministry of Agriculture is conducting assessment of affected areas and representatives from the National Drainage and Irrigation Authority continue to monitor the pumps, sluices and conservancies in all the affected regions.

**Guysuco:** Nothing to report

## **NEEDS**

The Commission has identified the following immediate needs:

- Damage Assessments to be conducted to identify and quantify the extent of the flooding in the regions
- Geographic Information System (GIS) mapping of all the affected communities to determine the water level and to assist in decision making.

## **NATIONAL EMERGENCY OPERATIONS CENTRE (NEOC)**

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