

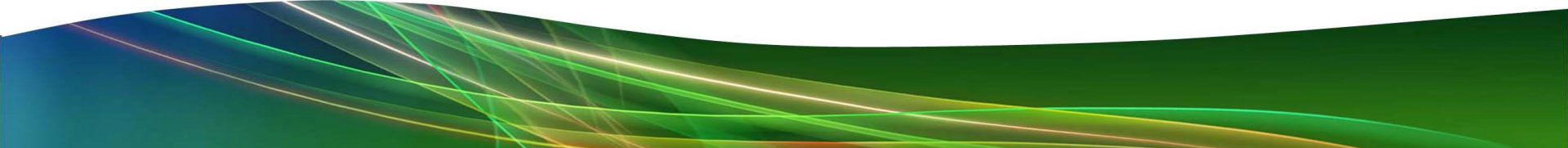
# Mainstreaming Disaster Risk Reduction & Climate Change Adaptation: Country Initiatives - Sri Lanka

**Major General Gamini Hettiarachchi (Retd.)**

Director General

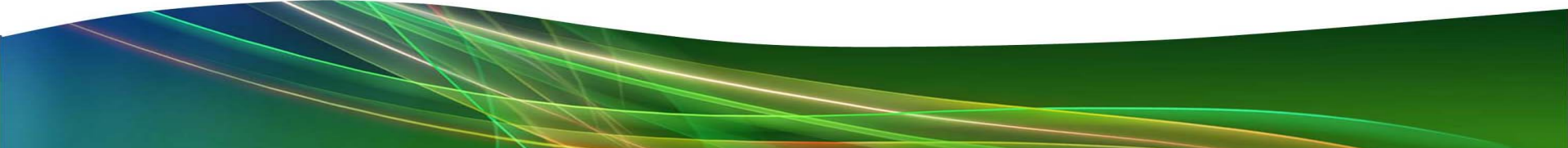
Disaster Management Centre (DMC)

Ministry of Disaster Management, Government of Sri Lanka



# Why CCA& DRR needs to be incorporated into National & Sectoral Development Planning processes?

- ❑ Climate change & Disasters have an **enormous impact on development**
- ❑ Disasters and climate change impacts may have a **significant affects on various sectors of development**
  - **Agriculture,**
  - **Urban, Rural Housing settlements,**
  - **Health & Education**
  - **Water**
  - **Road infrastructure**
  - **Local Government**
  - **Power & Energy**
  - **Environment**
- ❑ The **scare resources** that are programmed for development are **often diverted for relief and rehabilitation** efforts.
- ❑ To minimize losses & damages due to disasters



# Disasters that have occurred in 2011

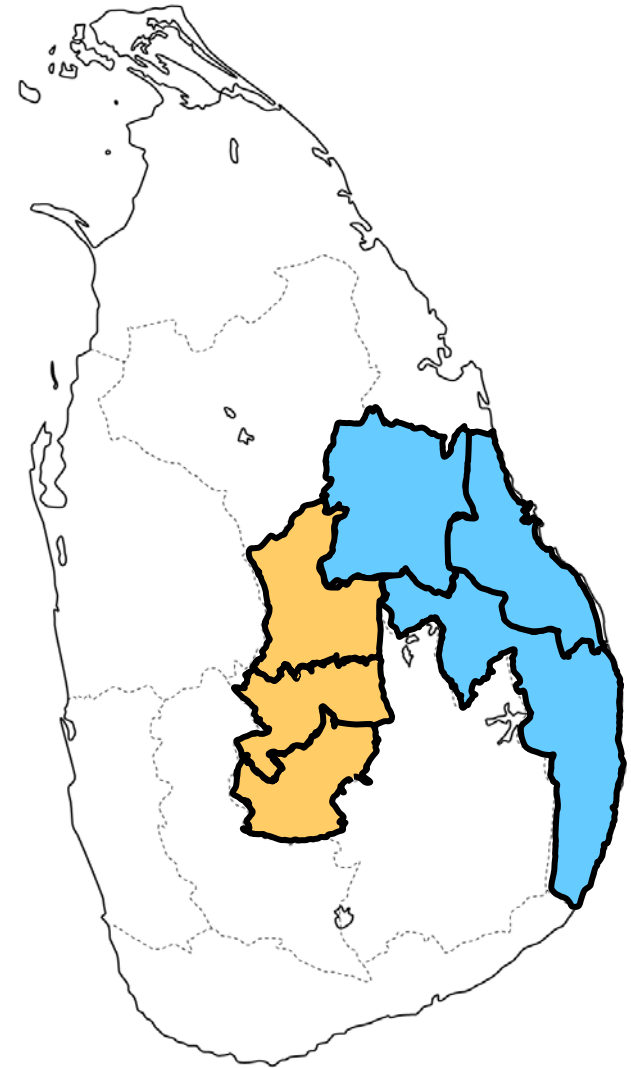
Two disaster events occurred due to heavy rainfall in North East, North Central, Uva and Central Provinces.

- **Floods and Landslides**

**07 – 17 January 2011**

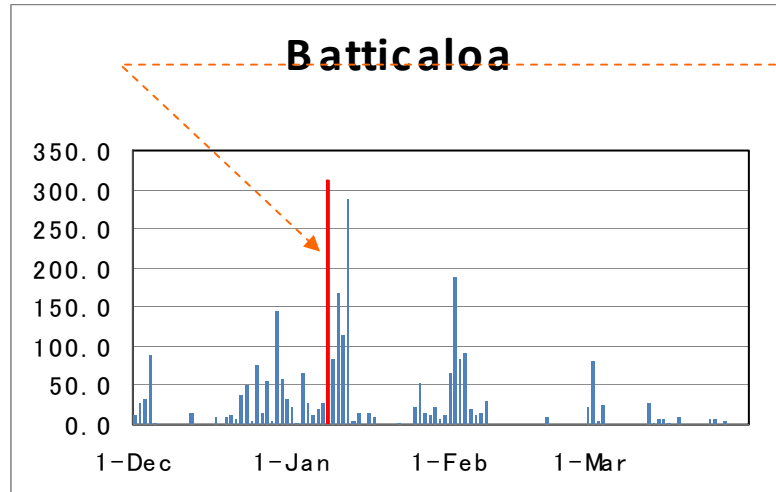
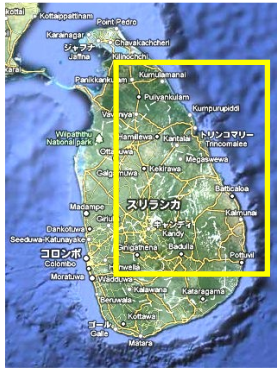
- **Floods and Landslides :**

**02 – 11 February 2011**

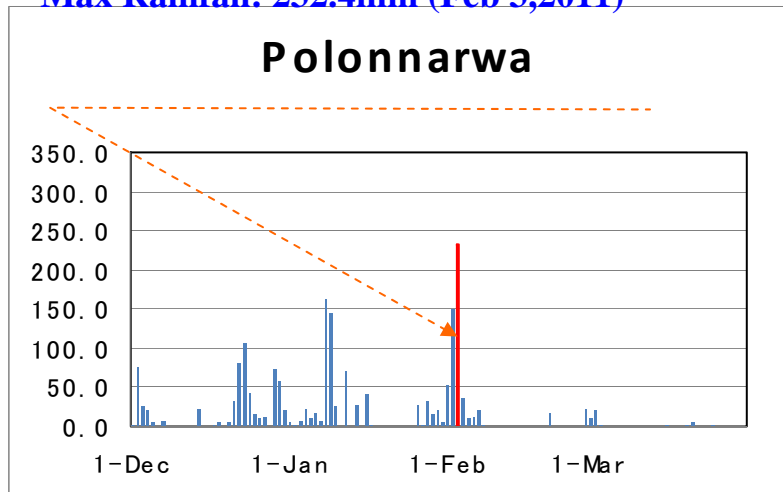


# Rainfall Condition

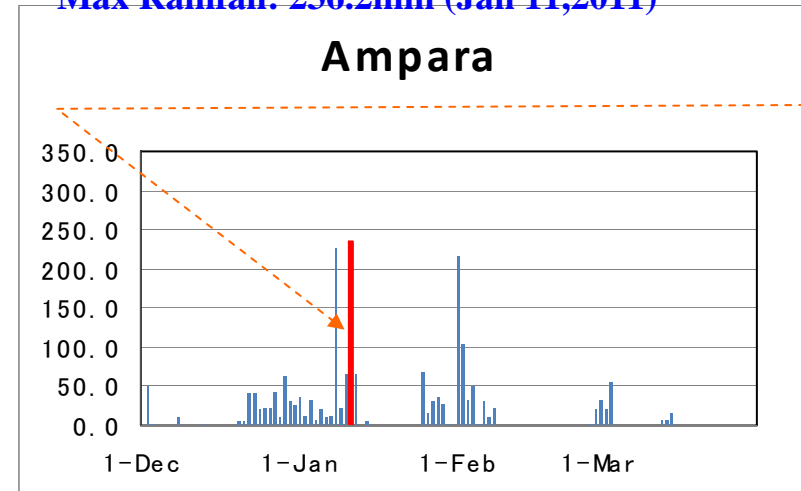
Max Rainfall: 312.2mm (Jan 8,2011)



Max Rainfall: 232.4mm (Feb 3,2011)



Max Rainfall: 236.2mm (Jan 11,2011)

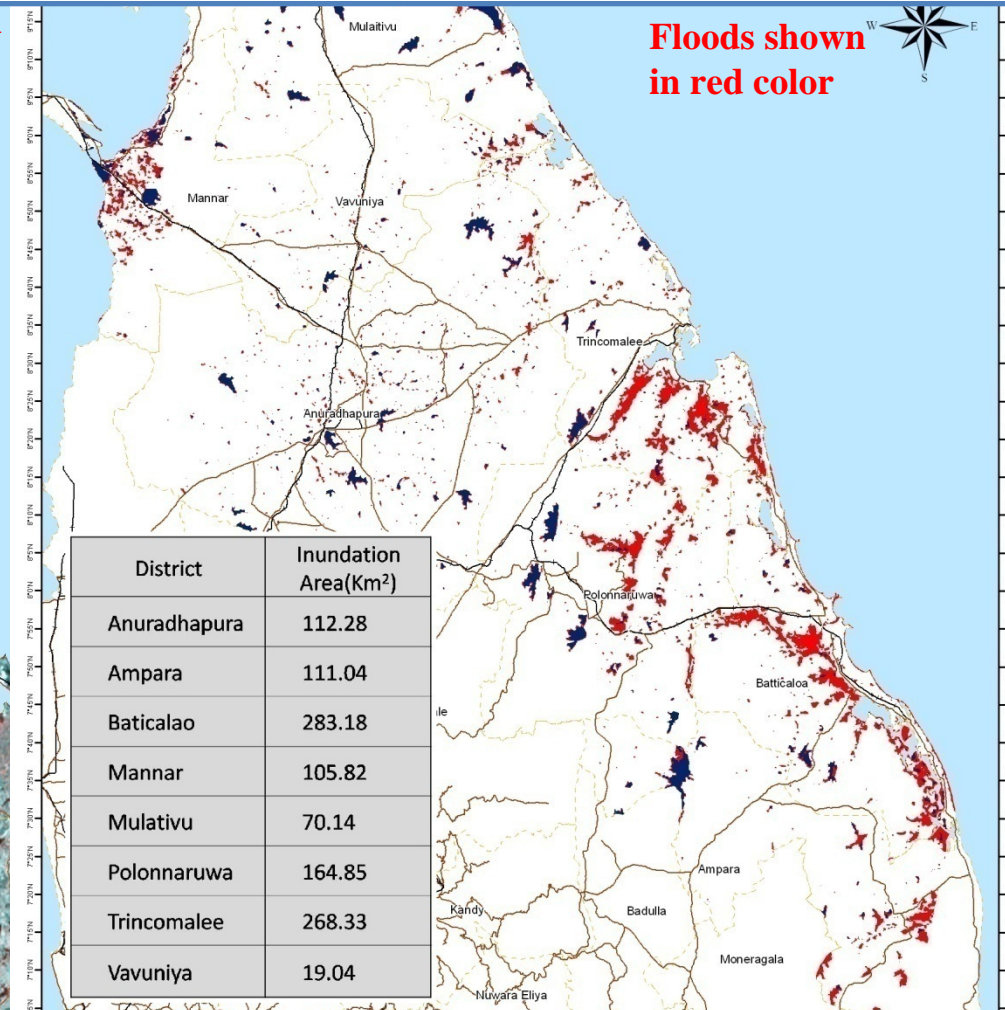


# Comparison of rainfall in selected towns during 1<sup>st</sup> – 20<sup>th</sup> January and 1<sup>st</sup> – 6<sup>th</sup> February 2011 with 30-year average

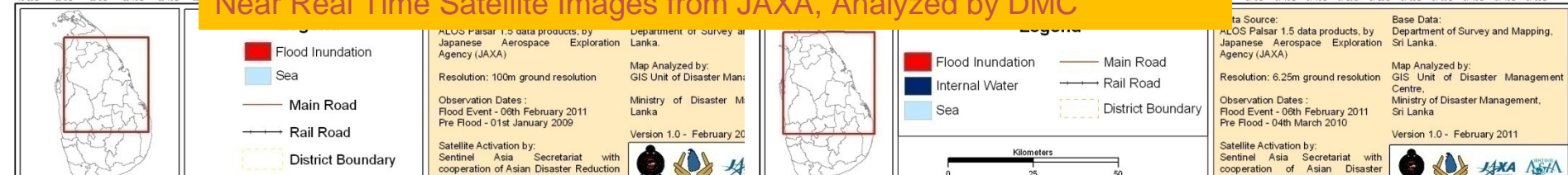
Town	Total Rainfall 1-20 January (mm)	30 year Average for 1- 20 January (mm)	Total Rainfall 1-6 February (mm)	30 year Average for the month of February (mm)
Anuradhapura	199.5	79.2	285.3	55.4
Badulla	443.0	155.2	347.1	103.1
Batticaloa	1195.5	210.3	465.8	128.4
Kurunegala	126.8	56.4	115.0	98.8
Maha Illuppallama	217.6	69.8	230.4	56.8
Pottuvil	496.1	288.4	256.9	163.6
Trincomalee	588.8	115.6	443.1	105.4
Vavuniya	178.6	84.2	286.9	62.5
Mihintale	228.0	95.3	293.1	52.6
Ampara	481.3	239.1	440.2	148.2
Monaragala			174.1	29.0
Polonnaruwa			494.4	82.4
** Source : Department of Meteorology				



# Flood Inundation Mapping, East and North Central Provinces-2011



**Near Real Time Satellite Images from JAXA, Analyzed by DMC**



# Population Affected - 2011

January 2011				February 2011		
District	Date	Affected		Date	Affected	
		Families	People		Families	People
Trincomalee	15	8479	31910	11	88874	333263
Matale	21	926	3570	11	3348	13141
Anuradhapura	13	2849	11116	6	85000	200000
Polonnaruwa	13	2705	10842	6	6011	21790
Badulla	13	357	1142	9	2589	9660
Vavunia	13	11141	39069	8	9875	25453
Nuwara Eliya	21	111	447	11	694	2480
Kandy	15	541	2643	11	334	1253
Ampara	21	120732	471556	8	81919	312890
Puttalam	15	108	324	6	249	767
Kegalle	13	4	18	6	2	6
Mannar	15	317	1284	7	9990	39948
Monaragala	13	31	118	7	46	198
Batticaloa	13	145131	541688	6	61350	240366
Kurunegala				6	104	399
Mullaitivu	13	498	1500	6	18451	59977
Kilinochchi				7	3733	14895
Rathnapura	15	162	716	8	7	24
<b>GRAND TOTAL</b>		<b>294092</b>	<b>1117943</b>		<b>372576</b>	<b>1276510</b>





# l Injured - 2011

January 2011			February 2011	
	Deaths	Injured	Deaths	Injured
	0	4	0	7
ra			2	2
	1	5	2	0
	1	0	1	0
ya	0	6		
	8	19	1	1
	11	15	4	3
t	1	0	0	0
			1	2
	22	0	1	0
	0	2		
<b>TOTAL</b>	<b>44</b>	<b>51</b>	<b>18</b>	<b>24</b>



预览已结束，完整报告链接和二维码如下：

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_5835](https://www.yunbaogao.cn/report/index/report?reportId=5_5835)

