

**No.32-20/2011-NDM-I**  
**Ministry of Home Affairs**  
**(Disaster Management Division)**

**Dated, 29<sup>th</sup> July, 2011**

Subject: **SOUTHWEST MONSOON-2011: DAILY FLOOD SITUATION REPORT**

**SUMMARY OF IMPORTANT EVENTS AS ON 29.07.2011**

**RAINFALL/FLOOD SITUATION IN THE COUNTRY**

- Moderate to heavy rainfall with isolated very heavy falls have been reported in some parts of Maharashtra, Rajasthan, Punjab, Assam, Goa, M.P. and West Bengal.

**Indian Meteorological Department (Major features of weather forecast)**

- The upper air cyclonic circulation over central Pakistan and adjoining northwest Rajasthan persists in lower levels.
- The upper air cyclonic circulation over northwest Bay of Bengal and neighbourhood extending between 2.1 to 5.8 km above mean sea level, tilting southwards with height persists.
- The upper air cyclonic circulation over west Uttar Pradesh and neighbourhood extending upto 2.1 km above mean sea level persists.
- The axis of monsoon trough at mean sea level passes through Ferozpur, Meerut, Lucknow, Varanasi, Ranchi, Balasore and thence southeastwards to eastcentral Bay of Bengal.
- The feeble off shore trough runs from Gujarat coast to Karnataka coast.
- The western disturbance over north Pakistan and neighbourhood persists as an upper air system.

**CENTRAL WATER COMMISSION (daily water levels and forecasts for level forecast sites)**

- There are 19 Moderate flood situation sites (Assam-04, Bihar-10, Jharkhand-01, West Bengal-01 & Uttar Pradesh-03) in the country on 29.07.2011.

**DEPLOYMENT OF NATIONAL DISASTER RESPONSE FORCE (NDRF)**

- 17 teams consisting of 533 personnel of NDRF have been deployed in Assam - (6), Andhra Pradesh - (2), J&K - (2), Kerala - (1), New Delhi-(1) and Bihar (5).

### **INDIAN METEOROLOGICAL DEPARTMENT (daily weather report)**

- The upper air cyclonic circulation over central Pakistan and adjoining northwest Rajasthan persists in lower levels.
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- The upper air cyclonic circulation over west Uttar Pradesh and neighbourhood extending upto 2.1 km above mean sea level persists.
- The axis of monsoon trough at mean sea level passes through Ferozpur, Meerut, Lucknow, Varanasi, Ranchi, Balasore and thence southeastwards to eastcentral Bay of Bengal.
- The feeble off shore trough runs from Gujarat coast to Karnataka coast.
- The western disturbance over north Pakistan and neighbourhood persists as an upper air system.

### **Warning**

- Heavy to very heavy rainfall would occur at a few places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Uttar Pradesh, Bihar and SubHimalayan West Bengal & Sikkim during next 48 hours.
- Isolated heavy rainfall would occur over Assam & Meghalaya, Arunachal Pradesh, Konkan & Goa, coastal Karnataka, and Andaman & Nicobar Islands during next 48 hours.

### **Weather Outlook Weather outlook for next two days**

- Fairly widespread rainfall would occur over many parts of the country except parts of northwest, east and peninsular India where it would be scattered.

### **CENTRAL WATER COMMISSION (daily water levels and forecasts for level at forecast sites)**

According to the Central Water Commission (CWC) report dated 29<sup>th</sup> July, 2011, there are 19 moderate flood situation sites in the country, as per details given below:

## **Moderate Flood Site**

### **Assam**

- River Brahmaputra at Neamatighat/Jorhat (Assam) is flowing at 85.44m against the danger level of 85.04 m with Rising trend.
- River Brahmaputra at Dhubri (Assam) is flowing at 28.71 m against the danger level of 28.62m with Falling trend.
- River Dhansiri(S) at Numaligarh/Golaghat (Assam) is flowing at 78.50m against the danger level of 77.42m with Steady trend.
- River Beki at Barpeta/Sorbhog (Assam) is flowing at 45.13m against the danger level of 45.10m with Rising trend.

### **Bihar**

- River Ganga at Patna(Gandhighat) (Bihar) is flowing at 48.73 m against the danger level of 48.60m with a Falling trend.
- River Ganga at Patna(Hathidah) (Bihar) is flowing at 41.96m against the danger level of 41.76m with a Falling trend.
- River Ganga at Bhagalpur/Colgong (Bihar) is flowing at 31.21m against the danger level of 31.09m with a Rising trend.
- River Adhwara at Kamtaul/Darbhanga Kamtaul (Bihar) is flowing at 50.55 m against the danger level of 50.00 m with a Falling trend.
- River Kosi at Basua/Supaul (Bihar) is flowing at 48.03m against the danger level of 47.75m with a Falling trend.
- River Kosi at Khagaria/Choutham(Bihar) is flowing at 34.65 m against the danger level of 33.85m with a Rising trend.
- River Kosi at Katihar/Khursela(Bihar) is flowing at 30.25m against the danger level of 30.00m with a Rising trend.
- River Sone at Maner/ Patna(Bihar) is flowing at 52.34m against the danger level of 52.00m with a Falling trend.
- River Budhi Gandak at kHagria(Bihar) is flowing at 36.63m against the danger level of 36.58m with a Steady trend.
- River Baghmati at Muzaffarpur/ Hayaghat(Bihar) is flowing at 48.88m against the danger level of 48.88m with a Steady trend.

### **Jharkhand**

- River Ganga at Sahibganj(Jharkhand) is flowing at 27.51m against the danger level of 27.25m with a Rising trend.

### **Uttar Pradesh**

- River Ganga at Ballia(Uttar Pradesh) is flowing at 58.32m against the danger level of 57.62 m with a Falling trend.
- River Ghaghra at Barabanki/ Elgin Bridge(Uttar Pradesh) is flowing at 106.09m against the danger level of 106.07m with a Falling trend.
- River Ghaghra at Faizabad/Ayodhya(Uttar Pradesh) is flowing at 93.00 m against the danger level of 92.73m with a Falling trend.

### **West Bengal**

- River Ganga at Murshidabad/Farakka(West Bengal) is flowing at 22.48m against the danger level of 22.65m with a Rising trend.

### **DEPLOYMENT OF NATIONAL DISASTER RESPONSE FORCE (NDRF) ON 29<sup>th</sup> July, 2011**

- ❖ In Assam, 06 teams consisting of 172 personnel in Kamrup(18), Dhubri (27), Lakhimpur (29), Sonitpur (33), Jorhat (30) and Dhemaji (35) alongwith equipment have been deployed for emergent response and rescue operations in case of any flood or any other disaster.
- ❖ In Andhra Pradesh, 02 teams consisting of 66 personnel in Vijayawada have been deployed alongwith equipment to provide emergency response during flood situation.
- ❖ In Kerala, 01 team consisting of 40 personnel in Kozhikode deployed alongwith equipment to provide emergency response during flood situation.
- ❖ In Jammu & Kashmir, 02 teams consisting of 90 personnel in Baltal (43) and Pahlgam(29)deployed alongwith equipment to provide emergency response during flood situation.
- ❖ In Bihar, 05 teams consisting of 166 personnel in Saharsa (26), Madhepura (34), Supaul (35), Khagaria (31) and Gopalganj (40) deployed alongwith equipment to provide emergency response during flood situation.
- ❖ In New Delhi, 01 team consisting of 17 personnel is deployed at Parliament House for emergency response.

### **LOGISTIC SUPPORT PROVIDED BY THE MINISTRY OF DEFENCE ON 29<sup>th</sup> July, 2011**

Nil

### **REPORTS RECEIVED FROM STATES/UTs**

- Moderate to heavy rainfall with isolated very heavy falls have been reported in some parts of Maharashtra, Rajasthan, Punjab, Assam, Goa, M.P. and West Bengal.
- Based on the reports received from State/UTs, details of extent of damage and relief operations are appended in Annexure -I & Annexure- II respectively.

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## ANNEXURE-I

## Extent of Damage (cumulative figures) (Provisional)

| Name of States/<br>UTs | Date<br>when<br>updated | Population<br>affected | No. of<br>human<br>lives<br>lost | No. of<br>districts<br>affected | No. of<br>villages<br>affected | No. of<br>cattle/<br>Live- stock<br>lost | Cropped<br>area<br>affected<br>(in ha) | No. of houses<br>damaged |               | Estimated value of damage<br>(Rs. In Lakh)   | Estimated value<br>of Total damage<br>(Rs. In lakh) |
|------------------------|-------------------------|------------------------|----------------------------------|---------------------------------|--------------------------------|--|--|--------------------------|---------------|--|---|
|                        |                         |                        |                                  |                                 |                                |  |  | Fully                    | partially     |  |   |
| Andhra Pradesh         | -                       | -                      | -                                | -                               | -                              | -  | -                                      | -                        | -             | -  | -   |
| Arunachal Pradesh      | -                       | -                      | -                                | -                               | -                              | -  | -                                      | -                        | -             | -  | -   |
| Assam                  | 26.07.11                | 595872                 | 03                               | 09                              | 582                            | --                                       | 34676.88                               | 277                      | --            | 5.94 Lakhs (Estimated value of damaged crops)  | 5.94  |
| Bihar                  | 26.07.11                | 159000                 | 05                               | 09                              | 217                            | Nil                                      | Nil                                    | --                       | 1069          | 142.19 (Value of damaged house)<br>0.75(Estimate value of public property)   | 142.94  |
| Goa                    | 28.07.11                | -                      | 01                               | -                               | -                              | -  | 10                                     | 03                       | 131           | 0.83 (Fully damaged houses)<br>33.19 (Partially damaged houses)<br>1.85 (Damage to Public property)  | 95.41   |
| Gujarat                | 27.07.11                | 18838                  | 55                               | --                              | 215                            | 165                                      | Nil                                    | 138                      | 4441          | 88.11 (fully damaged house)<br>234.04 (Partially damaged house)<br>45.43 (Damage to public property)                                       | 367.87  |
| Haryana                | -                       | -                      | -                                | -                               | -                              | -  | -                                      | -                        | -             | -  | -   |
| Himachal Pradesh       | -                       | -                      | -                                | -                               | -                              | -  | -                                      | -                        | -             | -  | -   |
| Jharkhand              | 28.07.11                | Nil                    | Nil                              | Nil                             | Nil                            | Nil                                      | Nil                                    | Nil                      | Nil           |  |   |
| Karnataka              | 22.07.11                | --                     | 84                               | --                              | ---                            | 51                                       | -                                      | -                        | 419           | 54.99 (Value of damaged houses)  | 54.99   |
| Kerala                 | 29.07.11                | 284436                 | 99                               | 5                               | 22                             | 63                                       | 8840.00                                | 302                      | 5675          | 475.78 (fully damaged house)<br>415.38 (Partially damaged house)<br>7699.38 (Damage to public property)<br>3975.54 (Value of damaged crop) | 125666.09   |
| Madhya Pradesh         | -                       | -                      | -                                | -                               | -                              | -  | -                                      | -                        | -             | -  | -   |
| Maharashtra            | 12.7.11                 | Nil                    | 106                              | Nil                             | Nil                            | Nil                                      | Nil                                    | Nil                      | Nil           | Nil  | Nil   |
| Meghalaya              | -                       | -                      | -                                | -                               | -                              | -  | -                                      | -                        | -             | -  | -   |
| Orissa                 | 28.07.11                | 3300                   | 03                               | 05                              | 11                             | Nil                                      | Nil                                    | Nil                      | Nil           | Nil  | Nil   |
| Punjab                 | 26.07.11                | 09                     | 08                               | 06                              | 489                            | 04                                       | --                                     | 12                       | 14            | 4.20 (Fully damaged house)<br>22.40 (Partially damaged house)<br>27.85 (Damage to public property)<br>22.66 (crore) (damaged crops)        | --  |
| Sikkim                 | -                       | -                      | -                                | -                               | -                              | -  | -                                      | -                        | -             | -  | -   |
| Uttar Pradesh          | 28.07.11                | Nil                    | Nil                              | Nil                             | Nil                            | Nil                                      | Nil                                    | Nil                      | Nil           | Nil  | Nil   |
| Uttarakhand            | 29.07.11                | -                      | 17                               | -                               | -                              | 10                                       | -                                      | 58                       | 17            | --   | --  |
| West Bengal            | 28.07.11                | 2246579                | 68                               | -                               | -                              | 14                                       | 40818                                  | 47217                    | 181554        | 7188.78(Value of damaged houses)<br>1421.86/-(Estimated value of damaged crop)   | 8610.64   |
| Andaman & Nicobar      | -                       | -                      | -                                | -                               | -                              | -  | -                                      | -                        | -             | -  | -   |
| Dadra & Nagar Haveli   | -                       | -                      | -                                | -                               | -                              | --                                       | -                                      | -                        | -             | -  | -   |
| Daman & Diu            | -                       | -                      | -                                | -                               | -                              | -  | -                                      | -                        | -             | -  | -   |
| Puducherry             | 12.07.11                |                        |                                  |                                 |                                |  | 0.049                                  |                          | 04            | 1.20 (Value of damaged public property)<br>0.00338 (Value of damaged crops)  | 1.20  |
|                        | <b>Total</b>            | <b>3307365</b>         | <b>434</b>                       | <b>37</b>                       | <b>1513</b>                    | <b>303</b>                               | <b>84344.93</b>                        | <b>48000</b>             | <b>194096</b> |  | <b>22031.37</b>                                     |

**Annexure – II****Rescue and Relief (Provisional)**

| Name of States/ UTs             | Date when updated | No. of persons evacuated | No. of relief camps opened | No. of persons accommodated in the relief camps | GR paid, if any, specify the item and amount | No. of medical teams deployed | No. of cattle in cattle camps |
|---------------------------------|-------------------|--------------------------|----------------------------|---|--|-------------------------------|-------------------------------|
| <b>Andhra Pradesh</b>           | -                 | -                        | -                          | -   | -  | -                             | -                             |
| <b>Arunachal Pradesh</b>        | -                 | -                        | -                          | -   | -  | -                             | -                             |
| <b>Assam</b>                    | 26.07.11          | Nil                      | 262                        | 165963  | Nil  | 09                            | 02                            |
| <b>Bihar</b>                    | 26.07.11          | 3043                     | Nil                        | Nil   | Nil  | Nil                           | Nil                           |
| <b>Goa</b>                      | 28.07.11          | Nil                      | Nil                        | Nil   | Nil  | Nil                           | Nil                           |
| <b>Gujarat</b>                  | 26..07.11         | 338                      | Nil                        | Nil   | 92.39  | Nil                           | Nil                           |
| <b>Haryana</b>                  | -                 | -                        | -                          | -   | -  | -                             | -                             |
| <b>Himachal Pradesh</b>         | -                 | -                        | -                          | -   | -  | -                             | -                             |
| <b>Jharkhand</b>                | 28.07.11          | Nil                      | Nil                        | Nil   | Nil  | Nil                           | Nil                           |
| <b>Karnataka</b>                | 22.07.11          | --                       | 16                         | 686   | -  | -                             | -                             |
| <b>Kerala</b>                   | 28.07.11          | 22                       | 03                         | 38  | Nil  | Nil                           | Nil                           |
| Madhya Pradesh                  | -                 | -                        | -                          | -   | -  | -                             | -                             |
| <b>Maharashtra</b>              | 12.7.11           | Nil                      | Nil                        | Nil   | Nil  | Nil                           | Nil                           |
| <b>Meghalaya</b>                | -                 | -                        | -                          | -   | -  | -                             | -                             |
| <b>Orissa</b>                   | 28.07.11          | Nil                      | Nil                        | Nil   | Nil  | Nil                           | Nil                           |
| <b>Punjab</b>                   | 26.07.11          | Nil                      | Nil                        | Nil   | Nil  | Nil                           | Nil                           |
| <b>Sikkim</b>                   | -                 | -                        | -                          | -   | -  | -                             | -                             |
| <b>Uttar Pradesh</b>            | 28.07.11          | Nil                      | Nil                        | Nil   | Nil  | Nil                           | Nil                           |
| <b>Uttarakhand</b>              | 28.07.11          | Nil                      | Nil                        | Nil   | Nil  | Nil                           | Nil                           |
| <b>West Bengal</b>              | 28.07.11          | Nil                      | 01                         | 80  | Nil  | Nil                           | Nil                           |
| <b>Andaman &amp; Nicobar</b>    | -                 | -                        | -                          | -   | -  | -                             | -                             |
| <b>Dadra &amp; Nagar Haveli</b> | -                 | -                        | -                          | -   | -  | -                             | -                             |
| <b>Daman &amp; Diu</b>          | -                 | -                        | -                          | -   | -  | -                             | -                             |
| <b>Puducherry</b>               | 12.07.11          | Nil                      | Nil                        | Nil   | Nil  | Nil                           | Nil                           |