



**Government of Pakistan  
Ministry of Climate Change  
National Disaster Management Authority  
(Prime Minister's Office) Islamabad**



**MONSOON 2017 DAILY SITUATION REPORT NO – 028**

**(Period Covered: 1300 hrs 28 July 2017 – 1300 hrs 29 July 2017)**

1. **Rivers Flow Situation Reported by Flood Forecasting Division.** All rivers are flowing at Normal levels except; **River Indus** at Tarbela, Kalabagh, Chashma, Taunsa & Guddu, **River Jhelum** at Mangla and **River Chenab** at Marala which are at **Low Level**. **Light to Moderate flows are expected in the Hill Torrents of D.G.Khan Division alongwith Nullahs of Rivers Chenab and Ravi.** Details at **Annex A**.

2. **Past Meteorological Situation and Future Forecast by PMD.** Significant rainfall reported in last 24 hours is; Jhang 97, Lahore 62 mm, Sialkot 46 mm, Muzaffarabad 44mm and Talhatta 38 mm. PMD forecast for next 24 hours predicts scattered thunderstorm / rain with heavy falls at isolated places over **Sindh, Khyber Pakhtunkhwa and Upper Catchments of all the major Rivers** alongwith Rawalpindi, Sargodha, Gujranwala, Lahore, D.G. Khan & Bahawalpur Divisions. Isolated thunderstorm / rain over Northeast Balochistan alongwith Faisalabad Division. Details at **Annex B**.

3. **Dam Levels**

| Serial | Reservoirs | Max Conservation Level & Storage |        | Current Level & Storage |        | Remaining Level & Storage |              |
|--------|------------|----------------------------------|--------|-------------------------|--------|---------------------------|--------------|
|        |            | (Feet)                           | (MAF*) | (Feet)                  | (MAF*) | (Feet)                    | (MAF*)       |
| a.     | Tarbela    | 1,550.00                         | 6.174  | 1,529.00                | 5.002  | <b>21</b>                 | <b>1.172</b> |
| b.     | Mangla     | 1,242.00                         | 7.406  | 1,223.65                | 6.000  | <b>18.35</b>              | <b>1.406</b> |

(\* MAF – Million Acre Feet)

4. **Significant Events Last 24 Hours.** No significant event reported in last 24 hours.
5. **Road Situation (NHA and Respective Provinces).** All roads across the Country are clear for all types of traffic.
6. **Railway Situation.** All railway routes are clear.
7. **Preliminary Losses / Damages Reported.** Overall details of losses / damages during Monsoon Season 2017 are at **Annex C**.
8. **Relief Provided.** Overall details of relief provided at **Annex D**.
9. **Any Critical Activity to Report.** Nothing to Report.
10. **NDMA Recommendations.** Considering ongoing Monsoon spell and weather forecast by PMD, relevant stakeholders are advised to remain on **Alert** and ensure following:-
- Clearance of sewerage / drainage system in all major cities especially Karachi, Hyderabad, Islamabad, Rawalpindi, Lahore, Multan, Quetta & Peshawar by relevant

- stakeholders. Critical monitoring of main sewerage channels passing from all major cities by relevant stakeholders / City Governments.
- b. Issue timely alerts to people residing in / close to river plains / water courses & Kacha Houses.
  - c. Public awareness to vacate dangerous buildings, remain away from electric wires / poles and avoid swimming during periods of intense rain.
  - d. Sensitise vulnerable population not to venture into nullahs / flash flooding routes.
  - e. There is a **possibility of landslides in Khyber Pakhtunkhwa, AJ&K, & Gilgit Baltistan** areas, vulnerable population should remain alert and necessary preventive measures be taken.
  - f. **Tourists be cautioned** to avoid travelling to areas vulnerable to landslides.
  - g. Vulnerable communities along reaches of major rivers and their tributaries / Nullahs to be sensitized for requisite precautionary measures.
  - h. Monitoring of vulnerable flood protection structures to ward off any **accidental breaches**.
  - i. **Owing to possibility of rain in upper catchments of all major rivers, vulnerable communities along reaches of these rivers, their tributaries & Nullahs to be sensitized for requisite measures.**
  - j. **PDMA Punjab, Sindh & Balochistan Only. Considering possibility of rains in Sindh, Northeast Balochistan & D.G Khan Division, vulnerable communities especially along hill torrents be sensitised for requisite precautionary measures.**
  - K. **PDMA Punjab Only.** Please share segregated data of losses & damages from start of Monsoon Season 2017, as reflected at Annex C.

**Annex A**To NDMA SITREP No-028  
dated 29 July 2017**RIVERS FLOW SITUATION REPORTED BY FLOOD FORECASTING DIVISION**

| <b>Rivers</b>              |                 |                      |          |                                   |                                 |                              |
|----------------------------|-----------------|----------------------|----------|-----------------------------------|---------------------------------|------------------------------|
| River / Structure          | Design Capacity | Actual Observed Flow |          | Forecast for Next 24 hrs (Inflow) | Forecasted Flood Level (Inflow) | Danger Level (V. High Flood) |
|                            |                 | In Flow              | Out Flow |                                   |                                 |                              |
| <b><u>River Indus</u></b>  |                 |                      |          |                                   |                                 |                              |
| Tarbela                    | 1,500           | 262.0                | 230.6    | <b>260 – 280</b>                  | <b>Low</b>                      | <b>650</b>                   |
| Kalabagh                   | 950             | 271.1                | 263.1    | <b>265 – 275</b>                  | <b>Low</b>                      | <b>650</b>                   |
| Chashma                    | 950             | 294.1                | 287.7    | <b>270 – 295</b>                  | <b>Low</b>                      | <b>650</b>                   |
| Taunsa                     | 1,100           | 267.6                | 245.3    | <b>260 – 270</b>                  | <b>Low</b>                      | <b>650</b>                   |
| Guddu                      | 1,200           | 230.9                | 198.6    | <b>230 – 250</b>                  | <b>Low</b>                      | <b>700</b>                   |
| Sukkur                     | 1,500           | 184.7                | 131.6    | No Significant Change             | Below Low                       | <b>700</b>                   |
| Kotri                      | 875             | 85.0                 | 45.5     | -do-                              | -do-                            | <b>650</b>                   |
| <b><u>River Kabul</u></b>  |                 |                      |          |                                   |                                 |                              |
| Nowshera                   | 540             | 41.9                 | 41.9     | <b>40 – 50</b>                    | Below Low                       | <b>200</b>                   |
| <b><u>River Jhelum</u></b> |                 |                      |          |                                   |                                 |                              |
| Mangla                     | 1,060           | 34.0                 | 10.0     | <b>40 – 80</b>                    | <b>Low</b>                      | <b>225</b>                   |
| Rasul                      | 850             | 2.9                  | 0.0      | No Significant Change             | Below Low                       | <b>225</b>                   |
| <b><u>River Chenab</u></b> |                 |                      |          |                                   |                                 |                              |
| Marala                     | 1,100           | 98.0                 | 65.3     | <b>90 – 130</b>                   | <b>Low</b>                      | <b>400</b>                   |
| Khanki                     | 800             | 82.5                 | 74.0     | No Significant Change             | Below Low                       | <b>400</b>                   |
| Qadirabad                  | 807             | 64.7                 | 42.7     | -do-                              | -do-                            | <b>400</b>                   |
| Trimmu                     | 645             | 37.0                 | 24.2     | -do-                              | -do-                            | <b>450</b>                   |
| Panjnad                    | 700             | 37.2                 | 22.2     | -do-                              | -do-                            | <b>450</b>                   |
| <b><u>River Ravi</u></b>   |                 |                      |          |                                   |                                 |                              |
| Jassar                     | 275             | 2.0                  | 2.0      | No Significant Change             | Below Low                       | <b>150</b>                   |
| Shahdara                   | 250             | 18.7                 | 18.7     | -do-                              | -do-                            | <b>135</b>                   |
| Balloki                    | 225             | 42.8                 | 10.3     | -do-                              | -do-                            | <b>135</b>                   |
| Sidhnai                    | 150             | 18.5                 | 3.3      | -do-                              | -do-                            | <b>90</b>                    |
| <b><u>River Sutlej</u></b> |                 |                      |          |                                   |                                 |                              |
| G.S.Wala                   | --              | 6.0 (Gauge in Feet)  |          | No Significant Change             | Below Low                       | <b>25.3 Feet</b>             |
| Sulemanki                  | 325             | 16.0                 | 2.8      | -do-                              | -do-                            | <b>175</b>                   |
| Islam                      | 300             | 1.3                  | 1.3      | -do-                              | -do-                            | <b>175</b>                   |

**Note.** All data in Thousands of Cusecs.

**PAST METEOROLOGICAL SITUATION AND FUTURE FORECAST BY PMD**

1. **Rainfall Reported Last 24 Hours**

- a. **Islamabad.** Saidpur 3 mm.
- b. **Punjab.** Jhang 97 mm, Lahore 62 mm, Sialkot 46 mm, Talhatta 38 mm, Chakwal 36 mm, Multan 36 mm, T.T Singh 35 mm, Jhelum 25 mm, Mianwali 20 mm, Joharabad 16 mm, Faisalabad 8 mm, Sargodha 8 mm, Bahawalpur 7 mm, Munawar Tawi 6 mm, Mandibahauddin 5 mm, D.G. Khan 5 mm, Murree 3 mm, Sahiwal 2 mm, Shorkot 2 mm and R. Y. Khan 1 mm.
- c. **Khyber Pakhtunkhwa.** Shinkiari 24 mm, Kakul 10 mm, Kalam 9 mm, Dir 6 mm and Balakot 1 mm.
- d. **Sindh.** Nagarparker 20 mm, Chachoro 15 mm, Chhor 13 mm and Mithi 5 mm.
- e. **AJ&K.** Muzaffarabad 44 mm, Domel 15 mm, Hattian Bala 1 mm and Rawalakot 1 mm.

2. **Weather Forecast Next 24 Hours.** Scattered thunderstorm / rain with heavy falls at isolated places is expected over Sindh, Khyber Pakhtunkhwa and upper catchments of all the major Rivers alongwith Rawalpindi, Sargodha, Gujranwala, Lahore, D.G. Khan & Bahawalpur Divisions. Isolated thunderstorm / rain is expected over Northeast Balochistan alongwith Faisalabad Division.

3. **Weather Outlook from 30 – 31 July 2017.** **Scattered thunderstorm / rain with isolated heavy falls and very heavy falls at one or two places** is expected over Gujranwala, Lahore, Sahiwal & Faisalabad Divisions. Moderate rainfall is expected over the upper catchments of all the major rivers alongwith Khyber Pakhtunkhwa and rest of the Punjab.

4. **Weather Last 24 Hours.** Rain-thunderstorm occurred at scattered places in Punjab, Malakand, Hazara, Mirpurkhas Divisions and Kashmir. Weather remained hot and humid in other parts of the Country.

**Annex C**To NDMA SITREP No-028  
dated 29 July 2017**PRELIMINARY DAMAGES / LOSSES MONSOON – 2017**

(FROM 26 JUNE TO 29 JULY 2017)

| Provinces          | Deaths   |          |          |           | Injured  |          |          |            | Houses Damaged |          |            |
|--------------------|----------|----------|----------|-----------|----------|----------|----------|------------|----------------|----------|------------|
|                    | M        | F        | C        | T         | M        | F        | C        | T          | P              | F        | T          |
| Punjab             | -        | -        | -        | 30        | -        | -        | -        | 77         | -              | 22       | 34         |
| Khyber Pakhtunkhwa | 6        | 1        | 9        | 16        | 5        | 5        | 10       | 20         | 130            | 38       | 168        |
| Sindh              | 3        | -        | 3        | 6         | 4        | 6        | 7        | 17         | 5              | -        | 5          |
| Balochistan        | 13       | 4        | 9        | 26        | -        | -        | -        | -          | 36             | -        | 36         |
| AJ&K               | 1        | -        | -        | 1         | -        | 1        | -        | 1          | 17             | 12       | 29         |
| FATA               | 1        | 6        | 6        | 13        | 3        | 8        | 5        | 16         | 3              | 3        | 6          |
| Gilgit-Baltistan   | -        | -        | -        | -         | -        | -        | -        | -          | 5              | -        | 5          |
| ICT                | 1        | 1        | 1        | 3         | -        | -        | -        | -          | 1              | -        | 1          |
| <b>TOTAL</b>       | <b>-</b> | <b>-</b> | <b>-</b> | <b>95</b> | <b>-</b> | <b>-</b> | <b>-</b> | <b>131</b> | <b>-</b>       | <b>-</b> | <b>284</b> |

**Source.** PDMA's

M,F,C denotes Male, Female &amp; Children while P &amp; F denote Partially &amp; Fully

**Annex D**To NDMA SITREP No-028  
dated 29 July 2017**RELIEF PROVIDED MONSOON – 2017**

| Items                      | Khyber Pakhtunkhwa | Balochistan   | Sindh         | TOTAL |
|----------------------------|--------------------|---------------|---------------|-------|
|                            | PDMA / DDMA's      | PDMA / DDMA's | PDMA / DDMA's |       |
| Tents                      | 155                | 400           | 300           | 855   |
| Food Items (Bags)          | -                  | 100           | -             | 100   |
| Wheat (Bags)               | 600                | -             | -             | 600   |
| Rice (Bags of 25 Kgs each) | -                  | 220           | -             | 220   |
| Blankets / Quilts          | 570                | -             | -             | 570   |
| Plastic Mats               | 150                | 100           | -             | 250   |
| Kitchen Sets               | 300                | 150           | -             | 450   |
| Mosquito Nets              | 300                | 1,100         | -             | 1,400 |
| Sleeping Bags              | -                  | 250           | -             | 250   |
| Water Tanks                | -                  | 150           | -             | 150   |
| Jerry Cans                 | 300                | 1,000         | -             | 1,300 |
| Life Saving Jackets        | -                  | 50            | 50            | 100   |
| Gas Cylinders              | 150                | -             | -             | 150   |
| De-watering Pumps          | -                  | -             | 91            | 91    |
| Boats with OBMs            | -                  | -             | 3             | 3     |