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F.1 (E)/2020-NDMA (MW/SITREP)
**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD**



Dated: 10 September 2020

Subject: **NDMA Monsoon 2020 Daily Situation Report No 077**

NDMA Monsoon 2020 Daily Situation Report No 077 covering period from 9 September 2020 1300 hours to 10 September 2020 1300 hours is enclosed for information / necessary action, please.


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For Chairman NDMA
(Muhammad Ala Ud Din)
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To: Secretary to Prime Minister, Prime Minister's Office, Islamabad
Military Secretary to Prime Minister, Prime Minister's House, Islamabad

Cc: Director General, Pakistan Meteorological Department, Islamabad
Director General, Frontier Works Organization, Rawalpindi
Chairman, Federal Flood Commission, Islamabad
Chairman, National Highway Authority, Islamabad
Joint Commissioner, Pakistan Commission for Indus Water, Islamabad
Chief Meteorologist, Flood Forecasting Division, Lahore
Chief Engineer, Tarbela Dam
Chief Engineer, Mangla Dam
Director General, NHEPRN, Islamabad
Director General, PDMA Balochistan, Quetta
Director General, PDMA Khyber Pakhtunkhwa, Peshawar
Director General, PDMA Punjab, Lahore
Director General, PDMA Sindh, Karachi
Director General, SDMA AJ&K, Muzaffarabad
Director General, GBDMA, Gilgit
Joint Crisis Management Cell, Joint Staff Headquarters, Rawalpindi
Military Operation Directorate (MO-4), GHQ, Rawalpindi
Arms Branch, Engineers Directorate, GHQ, Rawalpindi
Director (SOF & Marines), Naval Headquarters, Islamabad
Director (Ops), Air Headquarters, Islamabad
Deputy Commissioner, Islamabad

ID: APS to Member (Ops), NDMA
APS to Member (A&F), NDMA
APS to Member (DRR), NDMA
Director (Logistics), NDMA
Director (R&R), NDMA
Director (Implementation), NDMA
Director (P&IC), NDMA
Director (Admin), NDMA
Director (Finance), NDMA
Director (Media & IT), NDMA
PS to Chairman, NDMA



**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
Islamabad**



MONSOON 2020 DAILY SITUATION REPORT NO – 077

(PERIOD COVERED: 9 September 2020 1300 HRS – 10 September 2020 1300 HRS)

1. Area Affected (Last 24 Hours)

| Ser | Province / Region | Area Affected |
|-----|--------------------|---------------|
| a. | Federal | NTR |
| b. | Balochistan | NTR |
| c. | Khyber Pakhtunkhwa | NTR |
| d. | Punjab | NTR |
| e. | Sindh | NTR |
| f. | AJ&K | NTR |
| g. | Gilgit Baltistan | NTR |

2. Extent of Damages

a. Summary of Overall Preliminary Damages of Infrastructure & Private Properties (15 June 2020 to till date)

| Provinces / Regions | Roads | Bridges | Shops | Hotels | Masjid | Houses | | Power Houses |
|---------------------|-----------|-----------|----------|----------|----------|----------------|---------------|--------------|
| | | | | | | PD | FD | |
| ICT | - | - | - | - | - | - | - | - |
| Balochistan | 13 | 3 | - | 2 | - | 98 | 887 | - |
| KP | - | 3 | 2 | - | 4 | 674 | 160 | - |
| Punjab | - | - | - | - | - | 6 | 5 | - |
| Sindh* | - | - | - | - | - | 137,178 | 77,343 | - |
| AJ&K | - | - | 1 | 1 | - | 102 | 35 | 4 |
| GB | - | 4 | - | - | 1 | 89 | 39 | 2 |
| TOTAL | 13 | 10 | 3 | 3 | 5 | 138,147 | 78,469 | 6 |

(* PDMA Sindh has forwarded the consolidated damages / losses report. However, Rapid Need Assessment is being conducted by PDMA and figures will be updated accordingly.)

b. Summary of Preliminary Casualty – Death / Injured (15 June 2020 to till date)

| Provinces / Regions | Deaths | | | | Injured | | | |
|---------------------|------------|-----------|-----------|------------|------------|-----------|-----------|------------|
| | M | F | C | T | M | F | C | T |
| ICT | - | - | - | - | - | - | - | - |
| Balochistan | 8 | 3 | 9 | 20 | 15 | 1 | 1 | 17 |
| Khyber Pakhtunkhwa | 36 | 23 | 49 | 108 | 52 | 22 | 27 | 101 |
| Punjab | 7 | 5 | 4 | 16 | 12 | 5 | 5 | 22 |
| Sindh* | 77 | 36 | 23 | 136 | 56 | 23 | 7 | 85 |
| AJ&K | 1 | 2 | 7 | 10 | 4 | 5 | - | 9 |
| Gilgit Baltistan | 5 | - | 6 | 11 | 4 | - | - | 4 |
| TOTAL | 134 | 69 | 98 | 301 | 143 | 56 | 39 | 238 |

(* PDMA Sindh has forwarded the consolidated damages / losses report. However, Rapid Need Assessment is being conducted by PDMA and figures will be updated accordingly)

3. **Flood Relief Activities**

a. **Relief Camps Established**. 196x relief camps established in different parts of Sindh. Currently, 23,629x persons are residing in relief camps established in Sindh.

b. **Rescue Activities**

(1) 2,333x persons evacuated in District Khushab.

(2) 8,799x persons evacuated in Karachi.

(3) 175x families (1,245 individuals) evacuated by Armed Forces and District Administration from Yousaf Goth, Sarjani Town and adjoining Goths, District Karachi.

(4) 299x persons evacuated using 10x boats in District Dadu by Armed Forces and District Administration.

c. **Aviation Activities**. NTR.

d. **Relief Activities**. Consolidated state of relief activities in attached as **Annex A**.

4. **Threat to Next Likely Areas**. Low lying / kacha areas in Sindh along River Indus.

5. **River Discharges**. River Indus at Guddu is in HIGH Flood level, at Sukkur in Medium Flood Level and at Kotri is in Low Flood Level. All the other Major Rivers are flowing at Below Low Flood Level. Details of river discharges is attached as **Annex B**.

6. **Dams Levels**

| Ser | Reservoirs | Max Conservation Level & Live Storage | | Current Level & Live Storage | | Remaining Level & Live Storage | |
|---|------------|---------------------------------------|--------|------------------------------|--------|--------------------------------|--------|
| | | (Feet) | (MAF*) | (Feet) | (MAF*) | (Feet) | (MAF*) |
| a. | Tarbela | 1,550.00 | 5.980 | 1,550.00 | 5.980 | 0.00 | 0.00 |
| b. | Mangla | 1,242.00 | 7.356 | 1,242.00 | 7.356 | 0.00 | 0.000 |
| c. | Chashma | 649.00 | 0.278 | 647.50 | 0.207 | 2.70 | 0.071 |
| Total Storage till 10 September 2020 | | | | – 13.543 (MAF) | | | |
| Remaining Storage | | | | – 0.071 (MAF) | | | |

7. **Weather Forecast for Next 24 Hours**. Mainly dry weather is expected over most parts of the Country, however Isolated thunderstorm / rain is expected over the upper catchments of Rivers Indus, Jhelum & Chenab along with Peshawar, Kohat, Bannu & Rawalpindi Divisions. Last 24 hours significant rainfall recorded is attached as **Annex C**.

8. **Weather Advisory / Press Release**. NTR.

9. **Flood Warning / Alert**. Flood Forecasting Division (FFD), PMD has informed that according to latest Hydro-Meteorological conditions and possible synchronization of Flood Waves from Rivers Indus & Chenab, River Indus at Guddu is likely to attain HIGH FLOOD LEVEL during 8 to 9 September 2020 and at Sukkur during 9 to 10 September 2020. Under this scenario low lying / kacha area are likely to be inundated.

10. **Daily Flood / Base Flow Data Obtained from India.** Data regarding flows of eastern rivers obtained from internet on 10 September 2020 at 0600 hours are as under: -

| Dam / Location | Current Level (Feet) | Inflow (Cusecs) | Outflow (Cusecs) |
|--|-----------------------------|------------------------|-------------------------|
| Bhakra Dam on River Sutlej | 1,662.75 | 27,421 | 26,837 |
| Pong Dam on River Beas | 1,376.57 | 11,456 | 12,004 |
| Thein Dam on River Ravi as on 3 Sep 2020 (Updated once in a week) | 1,687.25 | Not Available | Not Available |

11. **Warning / Alert.** Keeping in view the higher water level in Mangla Reservoir (1,242.00 feet), Tarbela Dam (1,550 feet) and expected rains over the upper catchments of all the Major Rivers which may result in increasing discharge of surplus water from Mangla Dam and Tarbela Dam. All relevant district administrations to sensitize the population residing near the river banks along River Chenab and Jhelum and to take necessary precautionary measures.



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CONSOLIDATED STATE OF RELIEF PROVIDED DURING MONSOON 2020

| Serial | Items | Sindh | | | Balochistan | Khyber Pakhtunkhwa | Gilgit Baltistan | | Total |
|--------|---------------------------|--------|--------|--------------------|-------------|--------------------|------------------|-------|--------|
| | | GoS | NDMA | UN / NGOs / Others | GoB | GoKP | GoGB | NDMA | |
| 1 | Tents | 43,478 | 10,000 | - | 2,100 | 339 | 290 | 1,000 | 57,207 |
| 2 | Blankets / Quilts | 5,300 | - | 2,000 | 2,150 | 695 | 276 | 2,000 | 12,421 |
| 3 | Mosquito Nets | 76,700 | 2,000 | - | 450 | - | - | - | 79,150 |
| 4 | Plastic Mats | 500 | - | - | 2,350 | 345 | 600 | - | 3,795 |
| 5 | Tarpaulins | - | 10,000 | 1,000 | - | 12 | 70 | 1,000 | 10,582 |
| 6 | Kitchen Sets | 2,900 | 100 | - | 1,550 | 157 | - | 200 | 4,907 |
| 7 | Gas Cylinders | - | - | - | - | 20 | - | - | 20 |
| 8 | Jerry Cans | 2,680 | - | 1,000 | 2,250 | 53 | - | - | 5,983 |
| 9 | Hygiene Kits | 2,579 | - | - | 2,150 | - | - | - | 4,729 |
| 10 | Iron Bed / Bed / Charpai | 775 | - | - | 2,116 | 3 | - | - | 2,894 |
| 11 | Bed Sheets | 500 | - | - | - | 3 | - | - | 503 |
| 12 | Buckets | - | - | - | - | 8 | - | - | 8 |
| 13 | Matresses / Sleeping Mats | - | - | 2,000 | 2,016 | - | - | - | 4,016 |
| 14 | Pillows | - | - | - | 2,050 | - | - | - | 2,050 |
| 15 | Pedestal Fan | 500 | - | - | - | - | - | - | 500 |
| 16 | Water Cooler | 2,350 | - | - | - | - | - | - | 2,350 |
| 17 | Generators | 2 | - | - | - | - | - | - | 2 |

| Serial | Items | Sindh | | | Balochistan | Khyber Pakhtunkhwa | Gilgit Baltistan | | Total |
|--------|---------------------------------|--|--|--------------------|-------------|--------------------------------------|--------------------------------------|------|---------------|
| | | GoS | NDMA | UN / NGOs / Others | GoB | GoKP | GoGB | NDMA | |
| 18 | De-watering Pumps | 257 | - | - | 11 | 1 | - | - | 269 |
| 19 | Life Jackets | 325 | - | - | 20 | - | - | - | 345 |
| 20 | Solar Lights | - | - | - | 2,750 | - | - | - | 2,750 |
| 21 | Boats with OBMs | 20 | - | - | - | - | - | - | 20 |
| 22 | Food Packs (Tons) | 1,147.3 Tons (54,631 packs, 21 kg each) | 420 Tons (10,000 packs, 42 kg each) | 440 | - | 22.1 Tons (381 packs, 58 kg each) | 8.82 Tons (490 packs, 18 kg each) | - | 2,038.22 Tons |
| 23 | Water Bottles (1.5 Litres each) | 5,000 | 11,000 | 50,000 | - | - | - | - | 66,000 |
| 24 | High Energy Biscuits (MT) | - | - | 375 | - | - | - | - | 375 |
| 25 | MRE's (1.3 kg each) | - | 6.5 Tons (5,000 MREs, 1.3 kg each) | - | - | - | - | - | 6.5 Tons |
| 26 | Aqua Tabs | - | - | 200,000 | - | - | - | - | 200,000 |
| 27 | Medical Kits (3,000 pers / kit) | - | - | 50 | - | - | - | - | 50 |

Annex BTo NDMA SITREP No-077
dated 10 September 2020**RIVERS FLOW SITUATION REPORTED BY FLOOD FORECASTING DIVISION**

| Rivers | Station | Design Capacity | Actual Observed Flow | | Forecast for Next 24 hrs (Inflow) | Forecasted Flood Level (Inflow) | Danger Level (V. High Flood) |
|--------------|-----------|-----------------|----------------------|---------|-----------------------------------|---------------------------------|------------------------------|
| | | | Inflow | Outflow | | | |
| River Indus | Tarbela | 1,500 | 127.0 | 109.6 | 110 – 125 | Below Low | 650 |
| | Kalabagh | 950 | 187.9 | 182.9 | 150 – 185 | -do- | 650 |
| | Chashma | 950 | 162.1 | 149.1 | 150 – 180 | -do- | 650 |
| | Taunsa | 1,100 | 195.3 | 185.4 | 170 – 195 | -do- | 650 |
| | Guddu | 1,200 | 569.6 | 540.7 | 530 – 565 | High | 700 |
| | Sukkur | 1,500 | 489.2 | 446.5 | 490 – 520 | Medium to High | 700 |
| | Kotri | 875 | 212.6 | 206.5 | 215 – 230 | Low | 650 |
| River Kabul | Nowshera | 540 | 32.0 | 32.0 | No Significant Change | Below Low | 200 |
| River Jhelum | Mangla | 1,060 | 37.0 | 38.3 | 30 – 40 | -do- | 225 |
| | Rasul | 850 | 31.3 | 30.3 | No Significant Change | -do- | 225 |
| River Chenab | Marala | 1,100 | 49.4 | 22.2 | 40 – 50 | -do- | 400 |
| | Khanki | 800 | 24.6 | 17.4 | No Significant Change | -do- | 400 |
| | Qadirabad | 807 | 19.0 | 0.0 | -do- | -do- | 400 |
| | Trimmu | 645 | 105.6 | 92.9 | -do- | -do- | 450 |
| | Panjnad | 700 | 103.1 | 88.6 | -do- | -do- | 450 |
| River Ravi | Jassar | 275 | 5.3 | 5.3 | -do- | -do- | 150 |
| | Shahdara | 250 | 17.8 | 17.8 | -do- | -do- | 135 |
| | Balloki | 225 | 34.7 | 4.7 | -do- | -do- | 135 |
| | Sidhnai | 150 | 23.0 | 7.0 | -do- | -do- | 90 |
| River Sutlej | G.S. Wala | - | 0.0 | 0.0 | -do- | -do- | 50 |
| | Sulemanki | 325 | 19.2 | 5.8 | -do- | -do- | 175 |
| | Islam | 300 | 7.8 | 6.6 | -do- | -do- | 175 |

Note. All data in Thousands of Cusecs.

Annex C

To NDMA SITREP No-077
dated 10 September 2020

PAST METEOROLOGICAL SITUATION AND FUTURE FORECAST BY PMD

1. **Significant Rainfall Reported Last 24 Hours**

- a. **Islamabad**. Nil.
- b. **Balochistan**. Nil.
- c. **Khyber Pakhtunkhwa**. Kohat 10 mm, Peshawar 5 mm, Cherat 3 mm and Besham 2 mm.
- d. **Punjab**. Bhoun 13 mm and Chakwal 3 mm.
- e. **Sindh**. Nil.
- f. **AJ&K**. Panjera 1 mm.
- g. **Gilgit Baltistan**. Nil.