

MOST IMMEDIATE / BY FAX



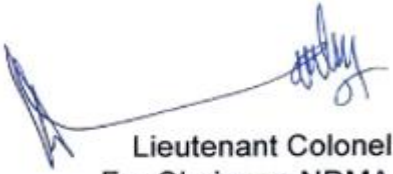
F.1 (E)/2020-NDMA (MW/SITREP)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD



Dated: 15 August 2020

Subject: **NDMA Monsoon 2020 Daily Situation Report No 051**

NDMA Monsoon 2020 Daily Situation Report No 051 covering period from 14 August 2020 1300 hours to 15 August 2020 1300 hours is enclosed for information / necessary action, please.


Lieutenant Colonel
For Chairman NDMA
(Muhammad Ala Ud Din)
Tel. 051-9087874
Fax No: 9205086

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
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 – 051

(PERIOD COVERED: 14 August 2020 1300 HRS – 15 August 2020 1300 HRS)

1. Area Affected (Last 24 Hours)

| Ser | Province / Region | Area Affected |
|-----|--------------------|--|
| a. | Federal | NTR |
| b. | Balochistan | NTR |
| c. | Khyber Pakhtunkhwa | On 14 August 2020, there was an increase in water flow in Yarkhoon Lasht nullah, due to rise in temperature in past 2-3 days resulted high snow melting in the area. 10x houses fully damaged and a child of age 10/12 years is reportedly missing. Chitral Scouts, Police and Chitral Levies at the station are engaged in search and rescue operation. Local community and volunteers have also been mobilized. Rescue 1122 has been approached to depute a Search and Rescue team in the area. AC and Tehsildar have been deputed along with Non Food Items (NFI) to supervise the Search and Rescue operation and damage verification. Situation is reported to be under control and district administration is monitoring water flow in the area. |
| d. | Punjab | NTR |
| e. | Sindh | NTR |
| f. | AJ&K | NTR |
| g. | Gilgit Baltistan | NTR |

2. Extent of Damages

a. **Damages (During Significant Events – Monsoon 2020).** NTR.

b. **Summary of Overall Preliminary Damages of Infrastructure & Private Properties**

| Provinces / Regions | Roads | Bridges | Shops | Hotels | Masjid | Houses | | Power Houses |
|---------------------|-----------|----------|----------|----------|----------|------------|------------|--------------|
| | | | | | | PD | FD | |
| ICT | - | - | - | - | - | - | - | - |
| Balochistan | 10 | 3 | - | - | - | 46 | 861 | - |
| KP | - | 1 | - | - | 2 | 100 | 12 | - |
| Punjab | - | - | - | - | - | 2 | 1 | - |
| Sindh | - | - | - | - | - | 23 | 1 | - |
| AJ&K | - | - | - | - | - | - | - | - |
| GB | - | - | - | - | 1 | 15 | 8 | - |
| TOTAL | 10 | 4 | - | - | 3 | 186 | 883 | - |

c. **Summary of Preliminary Casualty – Death / Injured**

| Provinces / Regions | Deaths | | | | Injured | | | |
|---------------------|--------|---|----|----|---------|---|---|---|
| | M | F | C | T | M | F | C | T |
| ICT | - | - | - | - | - | - | - | - |
| Balochistan | 7 | 2 | 6 | 15 | 7 | - | - | 7 |
| Khyber Pakhtunkhwa | 7 | 2 | 10 | 19 | 4 | - | 4 | 8 |

| Provinces / Regions | Deaths | | | | Injured | | | |
|---------------------|-----------|-----------|-----------|-----------|-----------|----------|----------|-----------|
| | M | F | C | T | M | F | C | T |
| Punjab | 4 | 4 | - | 8 | 3 | 2 | - | 5 |
| Sindh | 23 | 3 | 5 | 31 | 6 | 1 | - | 7 |
| AJ&K | - | - | 1 | 1 | - | - | - | - |
| Gilgit Baltistan | 4 | - | 6 | 10 | 1 | - | - | 1 |
| TOTAL | 45 | 11 | 28 | 84 | 21 | 3 | 4 | 28 |

3. **Flood Relief Activities**

- Relief Camps Established.** NTR.
- Rescue Activities.** 299x persons evacuated using 10x boats in District Dadu by Armed Forces and District Administration.
- Aviation Activities.** NTR.
- Relief Activities**

| Province | Tents | Food Items (Tons) | Blankets | Mosquito Nets | Plastic Mats | De-watering Pumps |
|--------------------|--------------|-------------------|--------------|---------------|--------------|-------------------|
| Balochistan | 1,800 | - | 2,150 | 300 | 2,350 | 11 |
| Sindh | 1,000 | - | - | 1,000 | - | 163 |
| Khyber Pakhtunkhwa | 12 | 20 | - | - | - | - |
| Gilgit Baltistan | 13 | 1.6 | 6 | - | - | - |
| Total | 2,825 | 21.6 Tons | 2,156 | 1,300 | 2,350 | 174 |

- Threat to Next Likely Areas.** NTR.
- River Discharges.** All Major Rivers are flowing at normal level. Details of river discharges is attached as **Annex A.**
- 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 | 1,522.46 | 4.465 | 27.54 | 1.515 |
| b. | Mangla | 1,242.00 | 7.356 | 1,235.30 | 6.829 | 6.70 | 0.527 |
| c. | Chashma | 649.00 | 0.278 | 641.60 | 0.051 | 7.40 | 0.227 |
| Total Storage till 15 August 2020 – | | 11.345 (MAF) | | | | | |
| Remaining Storage – | | 2.269 (MAF) | | | | | |

- Weather Forecast for Next 24 Hours.** Scattered thunderstorm / rain with isolated heavy falls is expected over the upper catchments of Rivers Jhelum, Chenab, Ravi & Sutlej along with Bannu, Kohat, D. I. Khan, Rawalpindi & Gujranwala Divisions. Isolated thunderstorm / rain is expected over the upper catchment of River Indus along with rest of Khyber Pakhtunkhwa, South & Southeast Sindh, Northeast Balochistan and Sargodha, Lahore, Faisalabad, Bahawalpur & D. G. Khan Divisions. **Scattered to wide spread thunderstorm / rain with isolated Heavy falls and few Very Heavy falls are expected from 18 August 2020 over the upper catchments of**

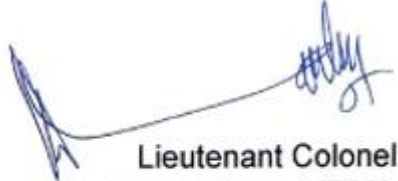
Rivers Indus, Kabul, Jhelum, Chenab & Ravi. Last 24 hours significant rainfall recorded is attached as **Annex B**.

8. **Weather Advisory / Press Release**. Met office has informed on 13 August 2020 that more monsoon currents are expected to penetrate in Sindh from Friday (evening) to Sunday under the influence of this system “***Scattered rain / wind-thundershower, with few / isolated heavy falls, are expected in Karachi, Hyderabad, Thatta, Badin, Shaheed Benazirabad, Tharparkar, Mirpurkhas, Umar Kot, Sanghar and Mithi from Friday (evening/night) to Sunday***”.

9. **Flood Warning / Alert**. There will be persistent high temperatures from today to 17 August 2020 followed by westerly wave on the evening of 17 August 2020. Resultantly the rate of melting of snow and / or ice will remain high on 15th and 16th followed by rain event on 17 August 2020 which could trigger GLOF events in the vulnerable areas of Gilgit-Baltistan especially Bagrot, Yasin, Hunza, Nagar, Shigar, Ghanche and Gilgit. Local communities are advised to remain vigilant and observe precautionary measures.

10. **Daily Flood / Base Flow Data Obtained from India**. NTR.

11. **Miscellaneous**. NTR.



Lieutenant Colonel
For Chairman NDMA
(Muhammad Ala Ud Din)
Tel. 051-9087874
Fax No: 9205086

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 | 239.0 | 121.7 | 240 – 250 | Low | 650 |
| | Kalabagh | 950 | 190.0 | 181.8 | 190 – 220 | Below Low | 650 |
| | Chashma | 950 | 169.4 | 162.8 | No significant change | -do- | 650 |
| | Taunsa | 1,100 | 177.1 | 150.8 | -do- | -do- | 650 |
| | Guddu | 1,200 | 128.7 | 97.2 | -do- | -do- | 700 |
| | Sukkur | 1,500 | 91.1 | 44.7 | -do- | -do- | 700 |
| | Kotri | 875 | 90.7 | 55.6 | -do- | -do- | 650 |
| River Kabul | Nowshera | 540 | 44.8 | 44.8 | -do- | -do- | 200 |
| River Jhelum | Mangla | 1,060 | 25.0 | 10.2 | 25 – 40 | -do- | 225 |
| | Rasul | 850 | 3.4 | 0.0 | No Significant Change | -do- | 225 |
| River Chenab | Marala | 1,100 | 72.6 | 45.7 | 60 – 80 | -do- | 400 |
| | Khanki | 800 | 46.9 | 38.9 | No Significant Change | -do- | 400 |
| | Qadirabad | 807 | 46.7 | 29.7 | -do- | -do- | 400 |
| | Trimmu | 645 | 27.2 | 12.4 | -do- | -do- | 450 |
| | Panjnad | 700 | 11.7 | 0.0 | -do- | -do- | 450 |
| River Ravi | Jassar | 275 | 22.3 | 22.3 | -do- | -do- | 150 |
| | Shahdara | 250 | 30.7 | 30.7 | -do- | -do- | 135 |
| | Balloki | 225 | 45.3 | 12.8 | 40 – 45 | Low | 135 |
| | Sidhnai | 150 | 20.7 | 4.9 | No Significant Change | Below Low | 90 |
| River Sutlej | G.S. Wala | - | 0.0 | 0.0 | -do- | -do- | 50 |
| | Sulemanki | 325 | 15.2 | 1.0 | -do- | -do- | 175 |
| | Islam | 300 | 0.3 | 0.0 | -do- | -do- | 175 |

Note. All data in Thousands of Cusecs.

Annex B

To NDMA SITREP No-051
dated 15 August 2020

PAST METEOROLOGICAL SITUATION AND FUTURE FORECAST BY PMD

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

- a. **Islamabad**. Zeropoint 35 mm, Saidpur 25 mm and Shamsabad 5 mm.
- b. **Balochistan**. Nil.
- c. **Khyber Pakhtunkhwa**. Takhtbai 89 mm, Rashidabad (Kalpani) 35 mm, Buner 9 mm, Balakot 7 mm, Tanda Dam 5 mm, Dir 4 mm, Kohat 2 mm, Bannu 2 mm, Risalpur 2 mm and D. I. Khan 1 mm.
- d. **Punjab**. Bhakkar 18 mm, Mianwali 14 mm, D. G. Khan 11 mm, Layyah 3 mm, Ravi Syphon 2 mm, Kot Addu 1 mm and Attock 1 mm.
- e. **Sindh**. Nil.
- f. **AJ&K**. Bandi Abbaspur 7 mm, Haraman 2 mm, Panjera 1 mm, Garhi Dupatta 1 mm and Nauseri 1 mm.
- g. **Gilgit Baltistan**. Bagrote 1 mm.