



F.2 (E)/2023-NDMA (MW/SITREP-53)
**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD**



Dated: 17 August 2023

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 53**

NDMA Monsoon 2023 Daily Situation Report No 53, covering period from 1300 hours 16th August 2023 to 1300 hours 17th August 2023 is enclosed for information/necessary action, please.

(Muhammad Ali Khan)

Director (Response)

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To: Federal Ministries & Departments (Interior, Planning, Food Security & Research, National Health Services, Information & Broadcasting, Climate Change, Pakistan Railways, Communications, Energy & Water Resources, Finance, Information and Broadcasting (MOIB), Press Information Department (PID), Economic Affairs Division (EAD)
Chief Secretaries, Provincial Governments, GB and AJ&K
Director Generals, PDMAs, GBDMA & SDMA
Director Generals, Rescue 1122 (Punjab, Sindh, Balochistan, KP, GB & AJ&K)
Director General, Climate Change and Coastal Development, Government of Sindh
Director General, Sindh Coastal Development Authority, Karachi
Director General, Balochistan Coastal Development Authority
Chairman, National Highway Authority, Islamabad
Inspector General, National Highways & Motorway Police, Islamabad
Chairman, Pakistan Telecommunications Authority, Islamabad
Chairman, Federal Flood Commission, Islamabad
Chairman, Pakistan Tourism Development Corporation, Islamabad
Managing Director, National Transmission & Dispatch Corporation, Lahore
Principal Information Officer, Press Information Department, Islamabad
Commissioner Islamabad
Headquarters, Pakistan Maritime Security Agency, Karachi
Deputy Commissioner Islamabad
Joint Crises Management Cell, Joint Staff Headquarters, Chaklala Cantt
Staff Duties Directorate (SD Coord), General Headquarters, Rawalpindi
Military Operations Directorate (MO-4), General Headquarters, Rawalpindi Cantt
ACNS (Operations), Naval Headquarters, Islamabad
ACAS (Operations), Air Headquarters, Islamabad
Headquarters, Frontier Works Organization (FWO), Rawalpindi
GSO-1, Inter Services Public Relations, General Headquarters, Rawalpindi Cantt
Headquarters, Pakistan Coast Guards, Karachi
Divisional Superintendent, Pakistan Railways Karachi

Cc: Secretary to Prime Minister, Prime Minister's Office, Islamabad
Secretary, Cabinet Division, Islamabad

ID: PRO
DD (ICT)

MONSOON 2023 - DAILY SITUATION REPORT NO -53
(PERIOD COVERED: 1300 HRS-16 AUGUST 2023 TO 1300 HRS-17 AUGUST 2023)

1. **Casualties and Injuries (Last 24 hours)**

a. **Deaths**

| Province/ Region | District | Deaths | | | | Remarks |
|-----------------------------|----------|----------|----------|----------|----------|---------|
| | | M | F | C | T | |
| Balochistan | - | 0 | 0 | 0 | 0 | |
| KP | - | 0 | 0 | 0 | 0 | |
| Punjab | - | 0 | 0 | 0 | 0 | |
| Sindh | - | 0 | 0 | 0 | 0 | |
| Gilgit Baltistan | - | 0 | 0 | 0 | 0 | |
| AJ&K | - | 0 | 0 | 0 | 0 | |
| Islamabad Capital Territory | | 0 | 0 | 0 | 0 | |
| TOTAL | | 0 | 0 | 0 | 0 | |

b. **Injuries**

| Province/ Region | District | Injures | | | | Remarks |
|-----------------------------|----------|----------|----------|----------|----------|---------|
| | | M | F | C | T | |
| Balochistan | - | 0 | 0 | 0 | 0 | |
| KP | - | 0 | 0 | 0 | 0 | |
| Punjab | - | 0 | 0 | 0 | 0 | |
| Sindh | - | 0 | 0 | 0 | 0 | |
| Gilgit Baltistan | - | 0 | 0 | 0 | 0 | |
| AJ&K | - | 0 | 0 | 0 | 0 | |
| Islamabad Capital Territory | | 0 | 0 | 0 | 0 | |
| TOTAL | | 0 | 0 | 0 | 0 | |

2. **Damage of Infrastructure & Private Properties (Last 24 hours)**

a. **Houses Damaged and Livestock Perished**

| Province/ Region | District | House Damage | | | Livestock |
|-----------------------------|----------|--------------|----------|----------|-----------|
| | | Partial | Full | Total | |
| Balochistan | - | 0 | 0 | 0 | 0 |
| KP | - | 0 | 0 | 0 | 0 |
| Punjab | - | 0 | 0 | 0 | 0 |
| Sindh | - | 0 | 0 | 0 | 0 |
| Gilgit Baltistan | - | 0 | 0 | 0 | 0 |
| AJ&K | Kotli | 3 | 0 | 5 | 0 |
| | Poonch | 0 | 2 | | 0 |
| Islamabad Capital Territory | | 0 | 0 | 0 | 0 |
| TOTAL | | 3 | 2 | 5 | 0 |

b. Roads, Bridges and Other Infrastructure Damaged in Last 24 hours

| Province/ Region | District | Roads/ Tracks | | | Bridge | | | | |
|---------------------|----------|------------------------|--|--|-------------------|----------------|------------------|---|--|
| | | Length of road damaged | Nature/ extent of damage (fully/ partially washed away/ water over flow) | Traffic situation (Alternate route/ diversion available) | Number of Bridges | Type of bridge | Length of bridge | Nature/ Extent of Damage fully/ partially washed away/ water over flow) | Traffic situation (Alternate route/ diversion available) |
| Balochistan | - | - | - | - | - | - | - | - | - |
| KP | - | - | - | - | - | - | - | - | - |
| Punjab | - | - | - | - | - | - | - | - | - |
| Sindh | - | - | - | - | - | - | - | - | - |
| GB | - | - | - | - | - | - | - | - | - |
| AJ&K | - | - | - | - | - | - | - | - | - |
| ICT | - | - | - | - | - | - | - | - | - |
| TOTAL | - | - | - | - | - | - | - | - | - |

3. Cumulative Casualties- Deaths / Injuries (From 25 Jun 2023 upto 1300 Hours on 17 August 2023): -

| Province/ Region | Deaths | | | | Injured | | | |
|-----------------------------|-----------|-----------|-----------|------------|------------|-----------|-----------|------------|
| | M | F | C | T | M | F | C | T |
| Balochistan | 8 | 5 | 8 | 21 | 17 | 3 | 7 | 27 |
| Khyber Pakhtunkhwa | 16 | 9 | 34 | 59 | 35 | 19 | 32 | 86 |
| Punjab | 32 | 12 | 28 | 72 | 71 | 51 | 41 | 163 |
| Sindh | 10 | 4 | 10 | 24 | 5 | 4 | 1 | 10 |
| Gilgit Baltistan | 3 | 3 | 1 | 7 | 2 | 0 | 0 | 2 |
| AJ&K | 4 | 7 | 6 | 17 | 8 | 5 | 0 | 13 |
| Islamabad Capital Territory | 11 | 0 | 0 | 11 | 5 | 0 | 0 | 5 |
| TOTAL | 84 | 40 | 87 | 211 | 143 | 82 | 81 | 306 |

4. Cumulative Damages of Infrastructure & Private Properties (From 25 Jun 2023 upto 1300 Hours on 17 August 2023):-

| Province/ Region | Roads (km) | Bridges | Houses | | | Livestock |
|--------------------|--------------|----------|-------------|-------------|-------------|-------------|
| | | | Partial | Full | Total | |
| Balochistan | 22 | 4 | 910 | 1410 | 2320 | 628 |
| Khyber Pakhtunkhwa | 0 | 0 | 459 | 105 | 564 | 285 |
| Punjab | 0 | 0 | 77 | 4 | 81 | 3 |
| Sindh | 0 | 0 | 324 | 18 | 342 | 213 |
| Gilgit Baltistan | 1.76 | 1 | 82 | 19 | 101 | 37 |
| AJ&K | 0 | 0 | 359 | 101 | 460 | 21 |
| ICT | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 23.76 | 5 | 2211 | 1657 | 3868 | 1187 |

5. **Flood Relief Activities (Last 24 hours)**a. **Relief Camps Established**

| Province/ Region | Districts | No of Camps | Camp Population |
|-----------------------------|-----------|-------------|-----------------|
| Balochistan | | | |
| Khyber Pakhtunkhwa | | | |
| Punjab | | | |
| Sindh | | | |
| Gilgit Baltistan | | | |
| AJ&K | | | |
| Islamabad Capital Territory | | | |
| TOTAL | | | |

b. **Rescue Operations**

- (1) **Employment of Boats.** NTR.
- (2) **Employment of Aviation Assets.** NTR.
- (3) **Relief Activities in Last 24 hours.**

| Province/ Region | District | Tents | Ration (Tons) | Blankets | Mosquito Nets | Plastic Mats | Sleeping Bags |
|-----------------------------|----------|-------|---------------|----------|---------------|--------------|---------------|
| Balochistan | | | | | | | |
| Khyber Pakhtunkhwa | | | | | | | |
| Punjab | | | | | | | |
| Sindh | | | | | | | |
| Gilgit Baltistan | | | | | | | |
| AJ&K | | | | | | | |
| Islamabad Capital Territory | | | | | | | |
| TOTAL | | | | | | | |

6. **Cumulative Flood Relief Activities(From 25 Jun 2023 upto 1300 Hours on 17 August 2023): -**a. **Cumulative State of Relief Camps Established**

| Province/ Region | Districts | No of Camps | Camp Population |
|-----------------------------|-----------|-------------|-----------------|
| Balochistan | | | |
| Khyber Pakhtunkhwa | | | |
| Punjab | | | |
| Sindh | | | |
| GilgitBaltistan | | | |
| AJ&K | | | |
| Islamabad Capital Territory | | | |
| TOTAL | | | |

b. **Cumulative State of Rescue Operations (From 25 Jun 2023 up to 1300 Hours on 17 August 2023): -**

- (1) **Employment of Boats.** NTR.
 (2) **Employment of Aviation Activates.** NTR.
 (3) **Relief Activities**

| Province/ Region | District | Tents | Ration (Tons) | Blankets | Mosquito Nets | Plastic Mats | Sleeping Bags |
|-----------------------------|----------|-------|---------------|----------|---------------|--------------|---------------|
| Balochistan | | | | | | | |
| Khyber Pakhtunkhwa | | | | | | | |
| Punjab | | | | | | | |
| Sindh | | | | | | | |
| Gilgit Baltistan | | | | | | | |
| AJ&K | | | | | | | |
| Islamabad Capital Territory | | | | | | | |
| TOTAL | | | | | | | |

NTR

7. **Dams and Reservoirs Level.** - Attached at **Annex A.**
 8. **Flood Alert / River Flows.** - Attached at **Annex B.**
 9. **Flood / Base Flow Data Obtained from India.** - Attached at **Annex C.**
 10. **Rainfall Recorded During Last 24 Hours (0800-0800 hours each day).** - Attached at **Annex D.**

Note: SITREP data is preliminary as provided by respective PDMAs / GBDMA / SDMA / ICT Administration, GovtDepts and is subject to change.



GOVERNMENT OF PAKISTAN
PAKISTAN METEOROLOGICAL DEPARTMENT
FLOOD FORECASTING DIVISION
46-JAIL ROAD LAHORE-54000



BULLETIN No. B-064/23

Dated: - 17th August, 2023
 Time: - 11:10 hours (PST)

I: WEATHER/RAINFALL FORECAST FOR NEXT 24-HRS:

| RIVERS | Upper Catchments (Above Rim Stations) | Lower Catchments (Below Rim Stations) | RESERVOIRS LEVEL (FEET) at (0600 PST) | |
|--------|--|---|--|---------|
| INDUS | Scattered wind thunderstorm/rain | Scattered wind thunderstorm/rain (Rawalpindi Division) | TARBELA | |
| JHELUM | -do- | -do- (Sargodha Division) | Current: | 1550.00 |
| CHENAB | -do- | -do- (Gujranwala Division) | Max. Conservation: | 1550.00 |
| RAVI | -do- | -do- (Lahore Division) | MANGLA | |
| SUTLEJ | -do- | Mainly Dry Weather (Bahawalpur Division) | Current: | 1241.75 |
| | | | Max Conservation: | 1242.00 |

II: QUANTITATIVE FLOOD FORECAST OF GAUGING STATIONS (IN THOUSANDS OF CUSECS)

| RIVERS | Stations | Actual Observations at 0600 PST | | Quantitative Forecast for Next 24-hrs. (Inflow) | Qualitative Forecasted Flood Level (Inflow) |
|--------|-----------|---------------------------------|---------|---|---|
| | | Inflow | Outflow | | |
| INDUS | Tarbela | 217.0 | 246.6 | 215-190 | Below Low |
| | Kalabagh | 272.7 | 264.7 | 270 F 190 | Low to Below Low |
| | Chashma | 248.2 | 224.4 | 240-260 | Low |
| | Taunsa | 233.0 | 214.0 | No significant change | Below Low |
| | Guddu | 214.1 | 183.2 | 215-245 | Low |
| | Sukkur | 182.1 | 127.0 | No significant change | Below Low |
| | Kotri | 173.4 | 132.9 | 165-173 | -do- |
| KABUL | Nowshera | 37.0 | 37.0 | No significant change | -do- |
| JHELUM | Mangla | 28.0 | 10.0 | 25-35 | -do- |
| | Rasul | 3.0 | 0.0 | No significant change | -do- |
| CHENAB | Marala | 69.2 | 49.0 | 70-80 | -do- |
| | Khanki | 57.7 | 49.5 | No significant change | -do- |
| | Qadirabad | 51.9 | 41.9 | -do- | -do- |
| | Trimmu | 57.0 | 43.4 | -do- | -do- |
| | Punjnad | 70.3 | 54.7 | -do- | -do- |
| RAVI | Jassar | 26.2 | 26.2 | -do- | -do- |
| | Shahdara | 29.3 | 29.3 | -do- | -do- |
| | Balloki | 47.4 | 27.4 | 40-47 | Low |
| | Sidhnai | 31.3 | 13.4 | 28-32 | -do- |
| SUTLEJ | G.S. Wala | 69.2 | 69.2 | 70 R 170 | High |
| | Sulemanki | 51.1 | 37.5 | 55-70 | Low |
| | Islam | 33.2 | 32.2 | No significant change | Below Low |

Isolated= 20 to 30% of area Scattered= 30 to 50% of area | Widespread= 90 to 100% of area | R= Rising & F= Falling

(Chaudhary Muhammad Aslam)
 Chief Meteorologist
 FFD Lahore

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Chief Meteorologist: 04299200208 & Duty Officer 24/7 hrs: 04299200139, 04299205367-70 and Fax:04299200209 & 5367



BULLETIN No. A-064/23

**GOVERNMENT OF PAKISTAN
PAKISTAN METEOROLOGICAL DEPARTMENT
FLOOD FORECASTING DIVISION
46-JAIL ROAD LAHORE-54000**



Dated: - 17th August, 2023
Time: - 11:10 hours (PST)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. President Secretariat, Islamabad. 2. PM House, Islamabad. 3. Federal Minister for Water Resources, Islamabad. 4. Governor (All Provinces). 5. Chairman NDMA, Islamabad. 6. Chief Minister (All Provinces). 7. PM Secretariat, Islamabad. 8. Secretary, Aviation Division, Islamabad. 9. Secretary, Ministry for Water Resources, Islamabad. 10. Secretary, Ministry of Information, Islamabad. 11. Chairman NHA, Islamabad. 12. Chief Secretary (All Provinces). 13. PDMA'S (D.G'S, All Provinces & AJK). | <ol style="list-style-type: none"> 14. Chairman, Federal Flood Commission, Islamabad. 15. Chairman, Indus River System Authority, Islamabad. 16. Chairman, PCRWR, Islamabad. 17. The Secretary General, Red Crescent, Islamabad. 18. Secretary, Irrigation Department, (All Provinces). 19. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi. 20. Pakistan Commissioner for Indus Waters (PCIW), Islamabad., 21. Chief Engineer, Mangla/Tarbela/Chashma. 22. Chief Engineer, Irrigation (All Provinces). 23. Chief Engineer, (All Barrages). 24. Chief Engineer, C.D.O. (Muzaffarabad). 25. Commissioner for Indus Waters, Lahore. 26. All other concerned. |
|--|--|

SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:

I: HYDROLOGICAL SITUATION at 0600 PST:

River Indus at Kalabagh & River Sutlej at Ganda Singh Wala (Rising) are in Low flood level.

WARNING: According to latest Hydro-meteorological conditions, River Sutlej at Ganda Singh Wala is likely to attain High Flood Level during next 24-hours.

II: METEOROLOGICAL FEATURES:

- a. Light moist currents from Arabian Sea are penetrating to upper parts of the country up to 5000 feet.
- b. Seasonal low lies over Northeast Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered wind thunderstorm/rain of light to moderate intensity with isolated heavy falls is expected over the upper catchments of all the Major Rivers, Islamabad along with Rawalpindi, Sargodha, Gujranwala & Lahore Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

No significant change.

V: RIVERS CATCHMENTS RAINFALL RECORDED (MM) DURING LAST 24 HRS (UPTO 0800 PST):

Indus: Babusar=12, Kalam=08, Gilgit & Tirah-Khyber=Trace(each).
 Jhelum: Bandi Abbaspur=05, Chakwal=02, Dhulli=Trace.
 Chenab: Gujranwala=05, Barnala=01.
 Ravi: Narowal=01.
 Sutlej: -Nil-
 Others: -do-

(Chaudhary Muhammad Aslam)
Chief Meteorologist
FFD Lahore

Government of Pakistan
 Ministry of Water Resources
 Office of Pakistan Commissioner for Indus Waters
 Suharwardy Road, (WAPDA Building), G-7/1, Islamabad.

FLOOD ALERT
FLOOD SEASON 2023
ADVANCE FLOOD FLOWS INFORMATION FROM INDIA

Office of Indian Commissioner for Indus Waters has intimated that the following site have entered into the flood regime

| Date | Time of Observation (IST) | Time of information from India to Pakistan (PST) | Site | Reported Flow (Cusecs) | Flood Regime | Information conveyed by Telephone to FFD Lahore shift incharge PCIW flood cell |
|------------|---------------------------|--|-------------------------------|------------------------|--------------|--|
| 17.08.2023 | 0800 hrs | 0733 hrs | Sutlej River Harike Headworks | 180,000 Cusecs* | Medium Flood | 0736 |

*Rising Trend
 Dated: 17th August 2023



(ADNAN MUHAMMAD)
 Deputy Commissioner for Indus Waters
 Tele: 051-9244674

Copy forwarded by Fax to:



National Weather Forecasting Centre
Pakistan Meteorological Department



Total Rainfall (mm) last 24 hours on Thursday 17-08-2023 at 0800 PST

| Stations | | Rainfall (mm) | | |
|--|---------------------|----------------------|------------------------|-------------------|
| Gilgit-Baltistan | | | | |
| Babusar | | 12 | | |
| Gilgit | | Trace | | |
| Khyber Pakhtunkhwa | | | | |
| Kalam | | 08 | | |
| Punjab | | | | |
| Sujranwala | | 05 | | |
| Chakwal | | 02 | | |
| Narowal | | 01 | | |
| Kashmir | | | | |
| Bandi Abbaspur | | 05 | | |
| Barnala | | 01 | | |
| Sindh | | | | |
| NIL | | | | |
| Balochistan | | | | |
| NIL | | | | |
| Maximum Wind Reported | | | | |
| Station | Wind (kt) | Km/hr | Direction | Time (PST) |
| NIL | | | | |
| Maximum Water Level at Nullah Lai (Last 24 Hours) | | | | |
| Station | Level (Feet) | Time (PST) | Flood Situation | |
| NIL | | | | |