



F.2 (E)/2023-NDMA (MW/SITREP-50)
**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD**



Dated: **14 August 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 50**

NDMA Monsoon 2023 Daily Situation Report No **50**, covering period from **1300 hours 13th August 2023 to 1300 hours 14th August 2023** is enclosed for information/necessary action, please.

(Muhammad Ali Khan)

Director (Response)

Telephone No: 051-9030924

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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 – 50**(PERIOD COVERED: 1300 HRS – 13 AUGUST 2023 TO 1300 HRS – 14 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 | |
| State of 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 | |
| State of 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 |
| State of AJ&K | - | 0 | 0 | 0 | 0 |
| Islamabad Capital Territory | | 0 | 0 | 0 | 0 |
| TOTAL | | 0 | 0 | 0 | 0 |

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

| Province/ Region | District | Roads/ Tracks | | | Bridge | | | | |
|---------------------|----------|-----------------------|--|--|-------------------|----------------|------------------|---|--|
| | | Length of road damage | 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 | - | - | - | - | - | - | - | - | - |
| State of AJ&K | - | - | - | - | - | - | - | - | - |
| ICT | - | - | - | - | - | - | - | - | - |
| TOTAL | - | - | - | - | - | - | - | - | - |

3. **Cumulative Casualties- Deaths / Injuries (Started from 25 Jun 2023 upto 1300 Hours on 14 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 | 27 | 19 | 32 | 78 |
| 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 |
| State of AJ&K | 4 | 7 | 6 | 17 | 5 | 4 | 0 | 9 |
| Islamabad Capital Territory | 11 | 0 | 0 | 11 | 5 | 0 | 0 | 5 |
| TOTAL | 84 | 40 | 87 | 211 | 132 | 81 | 81 | 294 |

4. **Cumulative Damages of Infrastructure & Private Properties (Started from 25 Jun 2023 upto 1300 Hours on 14 August 2023):-**

| Province/ Region | Roads (km) | Bridges | Houses | | | Livestock |
|--------------------|--------------|----------|-------------|-------------|-------------|-------------|
| | | | Partial | Full | Total | |
| Balochistan | 24 | 4 | 910 | 1410 | 2320 | 628 |
| Khyber Pakhtunkhwa | 0 | 0 | 427 | 86 | 513 | 228 |
| Punjab | 0 | 0 | 77 | 4 | 81 | 3 |
| Sindh | 0 | 0 | 324 | 18 | 342 | 213 |
| Gilgit Baltistan | 1.76 | 1 | 82 | 19 | 101 | 37 |
| State of AJ&K | 0 | 0 | 354 | 98 | 452 | 21 |
| ICT | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 25.76 | 5 | 2174 | 1635 | 3809 | 1130 |

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 | | | |
| State of 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 | | | | | | | |
| State of AJ&K | | | | | | | |
| Islamabad Capital Territory | | | | | | | |
| TOTAL | | | | | | | |

6. **Cumulative Flood Relief Activities(Started from 25 Jun 2023 upto 1300 Hours on 14 August 2023): -**a. **Cumulative State of Relief Camps Established**

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

b. **Cumulative State of Rescue Operations (Started from 25 Jun 2023 up to 1300 Hours on 14 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 | | | | | | | |
| State of 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 PDMA's / GBDMA / SDMA / ICT Administration, Govt Depts and is subject to change.*



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



14th AUGUST
HAPPY INDEPENDENCE DAY

BULLETIN No. B-061/23

Dated: - 14th August, 2023

Time: - 11:35 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 to widespread wind thunderstorm/rain (Rawalpindi Division) | TARBELA | |
| JHELUM | -do- | -do- (Sargodha Division) | Current: | 1549.05 |
| CHENAB | Scattered to widespread wind thunderstorm/rain | -do- (Gujranwala Division) | Max. Conservation: | 1550.00 |
| RAVI | -do- | -do- (Lahore Division) | MANGLA | |
| SUTLEJ | -do- | Mainly Dry Weather (Bahawalpur Division) | Current: | 1239.75 |
| | | | 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 | 221.0 | 255.4 | 210-225 | Below Low |
| | Kalabagh | 256.8 | 248.8 | 250-260 | Low |
| | Chashma | 270.4 | 249.2 | 240-270 | -do- |
| | Taunsa | 179.0 | 160.9 | 180-210 | Below Low |
| | Guddu | 282.8 | 251.8 | 270 F 230 | Low |
| | Sukkur | 244.7 | 190.2 | 250-280 | -do- |
| | Kotri | 183.5 | 143.3 | 170-185 | Below Low |
| KABUL | Nowshera | 38.0 | 38.0 | 40-60 | Low |
| JHELUM | Mangla | 29.0 | 10.0 | 30-60 | Sharp peck up to Low Flood Level |
| | Rasul | 3.2 | 0.0 | No significant change | Below Low |
| CHENAB | Marala | 78.9 | 49.0 | 80 R 140 | Low |
| | Khanki | 54.6 | 46.4 | 55 R 120 | -do- |
| | Qadirabad | 46.1 | 36.1 | 50 R 110 | -do- |
| | Trimmu | 61.5 | 47.9 | No significant change | Below Low |
| | Punjnad | 76.7 | 61.1 | -do- | -do- |
| RAVI | Jassar | 24.9 | 24.9 | 25-40 | -do- |
| | Shahdara | 30.0 | 30.0 | No significant change | -do- |
| | Balloki | 42.2 | 19.3 | 40-45 | Low |
| | Sidhnai | 26.7 | 9.0 | No significant change | Below Low |
| SUTLEJ | G.S. Wala | 43.0 | 43.0 | 40-55 | -do- |
| | Sulemanki | 51.3 | 38.0 | 45-49 | -do- |
| | Islam | 36.5 | 34.4 | No significant change | -do- |

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

www.ffd.pmd.gov.pk | Email: ffdlhr@yahoo.com

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



BULLETIN No. A-061/23

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



14th AUGUST
HAPPY INDEPENDENCE DAY
Dated: - 14th August, 2023
Time: - 11:35 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, P CRWR, 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 Tarbela & Guddu is in Low flood level. Low to Medium level flooding is expected in Nullahs of Rivers Ravi and Chenab. According to the information available, Reservoirs in India at Sutlej and Beas Rivers are near to attain maximum levels (Bhakra 6 feet below and Pong 4.5 feet below). In the presence of current meteorological situation, moderate to heavy rainfall is expected over the upper catchments of Rivers Sutlej and Beas. Flows at GS Wala and downstream are likely to increase (subject to releases from India).

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of westerly wave over North of the country (Pakistan), today lies over Northern parts of the country (Pakistan).
- b. Moderate moist currents from Arabian Sea are penetrating to upper parts of the country, up to 5000 feet.
- c. Well-marked Seasonal low lies over Northeast Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered to widespread thunderstorm/rain of moderate intensity with isolated heavy falls associated with gusty wind is expected over the upper catchments of Rivers Sutlej, Ravi & Chenab along with Islamabad and Rawalpindi, Sargodha, Gujranwala & Lahore Divisions. Scattered wind thunderstorm rain of moderate intensity with isolated heavy falls is also expected over the upper catchments of Rivers Indus, Kabul & Jhelum along with Peshawar, Kohat, Bannu, D.I Khan, Sahiwal & Faisalabad Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Wet-spell is likely to decrease.

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

| | |
|---------|---|
| Indus: | Lower Dir=18, Khawagoobo Brige=07, Murree=04, Dir=03, Kakul=01, Arandu Nullah=Trace |
| Jhelum: | Balakot=08, Muzaffarabad (City=05 & Airport=03), Haraman=03, Dhulli=01, |
| Chenab: | Barnala=01, |
| Ravi: | Shakar Garh=07, |
| Sutlej: | -Nil- |
| Others: | -do- |

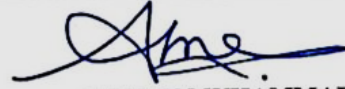
**(Chaudhary Muhammad Aslam)
Chief Meteorologist
FFD Lahore**

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

FLOOD SEASON 2023
FLOOD/BASE FLOW DATA
DATA AT(0600 HRS IST) REGARDING EASTERN RIVERS OBTAINED FROM INTERNET

| Name of Dam | Full Reservoir Level (ft) | Live Storage Capacity at FRL (MAF) | Current Live Storage (MAF) | Reservoir Level (ft) | Storage (%) | Storage last year (%) |
|-------------------------------|---------------------------|------------------------------------|----------------------------|----------------------|-------------|-----------------------|
| i. Bhakra Dam on River Sutlej | 1680 | 5.050 | <u>4.088</u> 10-08.2023 | 1667.20 | 81 | 55 |
| ii. Pong Dam on River Beas | 1390 | 4.991 | <u>3.729</u> 10.08.2023 | 1372.38 | 75 | 52 |
| iii. Thein Dam on River Ravi | 1732 | 1.900 | <u>1.588</u> 10.08.2023 | 1713.90 | 84 | 72 |

The data is being shared for flows information
This issues with the approval of PCIW
Dated: 10th August 2023



(ADNAN MUHAMMAD)

Deputy Commissioner for Indus Waters
Tele: 051-9244674

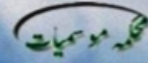
Data source: www.bbmb.gov.in
www.cwc.gov.in

Copy forwarded by Fax to:

1. Secretary, Ministry of Water Resources, Islamabad.
2. Chief Secretary, Gilgit-Baltistan, Gilgit.
3. Chief Secretary, Government of Azad Jammu and Kashmir, Muaffarabad.
4. Chief Secretary, Government of Punjab, Lahore.
5. Chief Secretary, Government of Sindh, Karachi.
6. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
7. Chief Secretary, Government of Balochistan, Quetta.
8. Secretary, Irrigation Department, Punjab, Lahore.
9. Secretary, Irrigation Department, Sindh, Karachi.
10. Secretary, Irrigation Department, Khyber Pakhtunkhwa, Peshawar.
11. Secretary, Irrigation Department, Balochistan, Quetta.
12. Joint Secretary (Water), Ministry of Water Resources, Islamabad.
13. Chairman, National Disaster Management Authority (NDMA), Islamabad.
14. CEA/CFFC, Islamabad.
15. Chairman, Indus River System Authority (IRSA), Islamabad.
16. M.O. Directorate, G.H.Q, Rawalpindi.
17. D.G. (Engrs), G.H.Q, Rawalpindi.
18. Engineers, 4-Corps, Lahore
19. Engineers, 30-Corps, Gujranwala.
20. Relief Commissioner/Senior Member, Board of Revenue, Punjab, Lahore.
21. D.G. (PDMA) Punjab, 40/A- Lawrence Road, Lahore.
22. Chief Engineer (H&WM), Wapda House, Lahore.
23. XEN Irrigation, Marala Headwork.
24. XEN Irrigation, Kasur.
25. Mr. Shakeel, Director, Irrigation Department, Government of the Punjab, Lahore.
26. Mr. Aslam, Chief Meteorologist, F.F.D. 46-Jail Road, Lahore.
27. Office Incharge, F.W.C. 46-Jail Road, Lahore.



National Weather Forecasting Centre
Pakistan Meteorological Department



Total Rainfall (mm) last 24 hours on Monday 14-08-2023 at 0800 PST

| Stations | | Rainfall (mm) | | |
|--|--------------|------------------------|-----------------|------------|
| Khyber Pakhtunkhwa | | | | |
| Dir | | (Lower 18 & Upper 02) | | |
| Balakot | | 08 | | |
| Kakul | | 01 | | |
| Kashmir | | | | |
| Muzaffarabad | | (City 05 & Airport 03) | | |
| Haraman | | 03 | | |
| Barnala, Dhulli | | 01 | | |
| Punjab | | | | |
| Murree | | 04 | | |
| Sindh | | | | |
| NIL | | | | |
| Gilgit-Baltistan | | | | |
| NIL | | | | |
| Balochistan | | | | |
| NIL | | | | |
| Maximum Wind Reported | | | | |
| Station | Wind (kt) | Km/hr | Direction | Time (PST) |
| LAHORE A/P | 22 | 40 | SW | 1950 |
| NIL | | | | |
| Maximum Water Level at Nullah Lai (Last 24 Hours) | | | | |
| Station | Level (Feet) | Time (PST) | Flood Situation | |
| NIL | | | | |