



F.2 (E)/2023-NDMA (MW/SITREP-45)  
**Government of Pakistan  
Prime Minister's Office  
National Disaster Management Authority  
ISLAMABAD**



Dated: **9 August 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 45**

NDMA Monsoon 2023 Daily Situation Report No **45**, covering period from **1300 hours 8<sup>th</sup> August 2023 to 1300 hours 9<sup>th</sup> 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 - 45**  
**(PERIOD COVERED: 1300 HRS - 8 AUGUST 2023 TO 1300 HRS - 9 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	Mardan	1	0	0	1	Tree Fallen
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	
<b>TOTAL</b>		<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	

b. **Injuries**

Province/ Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	Mardan	2	0	0	2	Tree Fallen
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	
<b>TOTAL</b>		<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	

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	Diamer	41	0	41	0
AJ&K	-	0	0	0	0
Islamabad Capital Territory		0	0	0	0
<b>TOTAL</b>		<b>41</b>	<b>0</b>	<b>41</b>	<b>0</b>

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%	-	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

3. **Roads Situation**

- a. **KP\***. Mastuj-Yarkhoon Road at Zhupu Bridge in Upper Chitral is still blocked reported by PDMA KP due to heavyrain / flash flood. DDMA has mobilized machinery for early restoration of roads.
- b. **GB%**. JSR at Talu, District Skardu has been opened for one way traffic and DDMA machinery is continuing work for full restoration.

4. **Cumulative Casualties - Deaths / Injuries (Started from 25 Jun 2023 up to 1300 Hours on 9 August 2023): -**

Province/ Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	8	3	6	17	16	2	7	25
Khyber Pakhtunkhwa	16	9	34	59	26	18	32	76
Punjab	32	12	28	72	71	51	41	163
Sindh	9	3	10	22	5	4	1	10
Gilgit Baltistan*	2	3	1	6	2	0	0	2
AJ&K	4	7	6	17	5	4	0	9
Islamabad Capital Territory	11	0	0	11	5	0	0	5
<b>TOTAL</b>	<b>82</b>	<b>37</b>	<b>85</b>	<b>204</b>	<b>130</b>	<b>79</b>	<b>81</b>	<b>290</b>

\* Data has been reconciled with GBDMA and 1x male has been added in death due to lightening at Kutuwa, Haramosh valley District Gilgit on 4 August 2023.

5. **Cumulative Damages of Infrastructure & Private Properties (Started from 25 Jun 2023 up to 1300 Hours on 9 August 2023): -**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	24	4	910	1410	<b>2320</b>	<b>628</b>
Khyber Pakhtunkhwa	0	0	422	85	<b>507</b>	<b>227</b>
Punjab	0	0	77	4	<b>81</b>	<b>3</b>
Sindh	0	0	324	18	<b>342</b>	<b>213</b>
Gilgit Baltistan*	1.76	1	82	19	<b>101</b>	<b>37</b>
AJ&K	0	0	352	96	<b>448</b>	<b>21</b>
ICT	0	0	0	0	<b>0</b>	<b>0</b>
<b>TOTAL</b>	<b>25.76</b>	<b>5</b>	<b>2167</b>	<b>1632</b>	<b>3799</b>	<b>1129</b>

\* Data has been reconciled with GBDMA, **41x houses partially damage**, due flood on 7 August 2023 and **10x Livestock** have died to lightning in District Diamer, same has been updated in cumulative summary.

6. **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			
<b>TOTAL</b>			

**NTR**

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							
<b>TOTAL</b>							

**NTR**

7. **Cumulative Flood Relief Activities (Started from 25 Jun 2023 up to 1300 Hours on 9 August 2023): -**a. **Cumulative State of Relief Camps Established**

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

NTR

b. **Cumulative State of Rescue Operations (Started from 25 Jun 2023 up to 1300 Hours on 9 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							
<b>TOTAL</b>							

NTR

8. **Dams and Reservoirs Level** - Attached at **Annex A.**  
9. **Flood Alert / River Flows** - Attached at **Annex B.**  
10. **Flood / Base Flow Data Obtained from India.** - Attached at **Annex C.**  
11. **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**



BULLETIN No. B-056/23

Dated: - 09<sup>th</sup> August, 2023  
 Time: - 10:30 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	Isolated thunderstorm/rain	Isolated thunderstorm/rain (Rawalpindi Division)	<b>TARBELA</b>	
JHELUM	-do-	-do- (Sargodha Division)	Current:	<b>1548.00</b>
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	<b>1550.00</b>
RAVI	-do-	-do- (Lahore Division)	<b>MANGLA</b>	
SUTLEJ	-do-	Mainly Dry Weather (Bahawalpur Division)	Current:	<b>1236.95</b>
			Max Conservation:	<b>1242.00</b>

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

RIVERS	Stations	Actual Observations at 0600 PST		Quantitative Forecast for Next 24-hrs. (Inflow)	Qualitative Forecasted Flood Level (Inflow)
		Inflow	Outflow		
INDUS	Tarbela	255.0	155.8	255-240	Low to Below Low
	Kalabagh	284.3	276.3	280 F 200	-do-
	Chashma	294.5	279.3	290 F 240	-do-
	Taunsa	236.7	219.9	230-240	Below Low
	Guddu	290.0	259.1	290-300	Low
	Sukkur	221.3	166.8	225-240	-do-
	Kotri	258.2	220.9	260-270	-do-
KABUL	Nowshera	50.3	50.3	No significant change	Below Low
JHELUM	Mangla	37.0	10.0	35-40	-do-
	Rasul	3.2	0.0	No significant change	-do-
CHENAB	Marala	72.5	43.6	65-75	-do-
	Khanki	57.2	49.5	No significant change	-do-
	Qadirabad	54.9	44.9	-do-	-do-
	Trimmu	67.7	59.1	-do-	-do-
	Punjinad	76.5	61.1	-do-	-do-
RAVI	Jassar	14.2	14.2	-do-	-do-
	Shahdara	23.5	23.5	-do-	-do-
	Balloki	44.0	25.4	40-45	Low
	Sidhnai	39.2	22.5	35-39	-do-
SUTLEJ	G.S.Wala	51.1	51.1	No significant change	Below Low
	Sulemanki	57.5	44.8	50-57	Low
	Islam	58.0	56.2	55-58	-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



BULLETIN No. A-056/23

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



Dated: - 09<sup>th</sup> August, 2023  
Time: - 10:30 hours (PST)

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).

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 Kalabagh, Chashma, Guddu & Kotri and River Sutlej at Islam are in Low flood level.

**II: METEOROLOGICAL FEATURES:**

- a. Yesterday's trough of westerly wave over Northern parts of Afghanistan today lies over North of the country.
- b. Mild moist currents from Arabian Sea are penetrating to upper parts of the country up to 3000 feet.
- c. Seasonal low lies over North Balochistan.

**III: WEATHER FORECAST FOR NEXT 24-HOURS:**

Mainly dry weather is expected over most parts of the country, however thunderstorm/rain of light to moderate intensity at isolated places is expected over the upper catchments of all the Major Rivers, Islamabad along with Peshawar, Rawalpindi, Gujranwala, Sargodha, Lahore & DG Khan 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:** Arandu Nullah=01.

**Jhelum:** Rawalakot=11, Jhelum=05, Dhulli & Bandi Abbaspur=01(each), Mangla=Trace.

**Chenab:** Sialkot (Airport)=13, Daulatnagar & Gujranwala=06(each), Gujrat=02.

**Ravi:** Ravi Syphon=06, Chakri & Narowal=Trace(each).

**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.

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**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>3.951</u> 03-08.2023	1663.56	78	47
ii. Pong Dam on River Beas	1390	4.991	<u>3.750</u> 03.08.2023	1373.67	75	41
iii. Thein Dam on River Ravi	1732	1.900	<u>1.621</u> 03.08.2023	1715.63	85	63

The data is being shared for flows information  
This issues with the approval of PCIW  
Dated: 3<sup>rd</sup> August 2023

  
(SHAHIDA GUL)

Deputy Commissioner for Indus Waters  
Tele: 051-9253190

Data source: [www.bhmb.gov.in](http://www.bhmb.gov.in)  
[www.cwc.gov.in](http://www.cwc.gov.in)

Copy forwarded by Fax to:

1. Secretary, Ministry of Water Resources, Islamabad.
2. Chief Secretary, GilgitBaltistan, 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 Wednesday 09-08-2023 at 0800 PST**

Stations		Rainfall (mm)		
<b>Punjab</b>				
Sialkot		(A/P 13)		
Jhelum		05		
Gujrat		02		
Gujranwala, Narowal & Mangla		Trace		
<b>Kashmir</b>				
Rawalakot		11		
Bandi Abbaspur & Dhulli		01		
<b>Khyber Pakhtunkhwa</b>				
NIL				
<b>Gilgit-Baltistan</b>				
NIL				
<b>Balochistan</b>				
NIL				
<b>Sindh</b>				
NIL				
<b>Maximum Wind Reported</b>				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
NIL				
<b>Maximum Water Level at Nullah Lai (Last 24 Hours)</b>				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				