



F.2 (E)/2023-NDMA (MW/SITREP-38)
**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD**



Dated: **2 Aug 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 38**

NDMA Monsoon 2023 Daily Situation Report No **38**, covering period from **1300 hours 1st August 2023 to 1300 hours 2nd 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 - 38
(PERIOD COVERED: 1300 HRS - 1 AUGUST 2023 TO 1300 HRS - 2 AUGUST 2023)

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

Province/ Region	District	Deaths				Remarks
		M	F	C	T	
Balochistan*	Panjgur	02	0	0	04	Flash Flood
	Loralai	0	0	02		
KP	-	0	0	0	0	
Punjab	Kasur	0	01	0	02	Roof Collapse
	Vehari	01	0	0		Flash Flood
Sindh	-	0	0	0	0	-
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
Islamabad Capital Territory		-	0	0	0	
TOTAL		3	1	2	6	

* PDMA Balochistan has reported 2 x Male Deaths and 2 x Child Deaths in SITREP No. 211 dated 1st August 2023, however the incident occurred on 27th and 29th July 2023 respectively.

b. **Injuries**

Province/ Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	Panjgur	10	0	0	10	-
KP	-	0	0	0	0	
Punjab	Kasur	01	02	01	04	Roof Collapsed
Sindh	-	0	0	0	0	
Gilgit Baltistan	-	0	0	0	0	
AJ&K	Bhimber	01	0	0	1	Flash Flood
Islamabad Capital Territory		0	0	0	0	
TOTAL		12	2	1	15	

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	Panjgur	150	53	241	200 Goats 10 Cows 320 poultry
	Washuk	0	38		0
KP	Mohamand	0	02	13	0
	Upper Kohistan	0	04		0
	Upper Dir	1	0		0
	Haripur	6	0		0
Punjab	Kasur	0	01	1	0
Sindh	-	0	0	0	0
Gilgit Baltistan	-	0	0	0	0
AJ&K	Muzaffarabad	0	12	41	0
	Bhimber	01	0		0
	Poonch	0	02		0
	Sudhnoti	05	07		0
	Bagh	14	0		0
Islamabad Capital Territory		0	0	0	0
TOTAL		177	119	296	530

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	Panjgur	10 Km	-	-	02	-	-	-	-
	Washuk	04 Km	-	-	-	-	-	-	-
KP	-	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-	-	-
GB	-	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
TOTAL		14	-	-	2	-	-	-	-

3. **Roads Situation:-**

a. **KP.** Following roads have been reported blocked by PDMA KP due to heavy rain / flash flood. DDMA has mobilized machinery for early restoration of roads.

(1) **Upper Chitral**

(a) Miragram-II at Miragram Nullah.

(b) Mastuj-Yarkhun Road at Zhupu Bridge.

(2) **Upper Kohistan.** Some portion of KKH is still blocked at Lachi Nullah, Harban Bhasha.

4. **Cumulative Casualties - Deaths / Injuries (Started from 25 Jun 2023 up to 1300 Hours on 2 August 2023):-**

Province/ Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	08	2	6	16	15	2	7	24
Khyber Pakhtunkhwa*	12	9	32	53	22	17	30	69
Punjab	31	12	26	69	71	51	41	163
Sindh	8	3	10	21	5	4	1	10
Gilgit Baltistan	1	3	1	5	2	0	0	2
AJ&K	4	6	4	14	5	5	0	10
Islamabad Capital Territory	11	0	0	11	5	0	0	5
TOTAL	75	35	79	189	125	79	79	283

* The cumulative figures has been reconciled with PDMA KP and 1x female and 1x child injures has been added in cumulative summary.

5. **Cumulative Damages of Infrastructure & Private Properties (Started from 25 Jun 2023 up to 1300 Hours on 2 August 2023): -**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	08	02	482	423	905	532
Khyber Pakhtunkhwa*	0	0	382	80	462	222
Punjab	0	0	77	4	81	3
Sindh	0	0	324	18	342	213
Gilgit Baltistan	01	01	30	19	49	27
AJ&K	0	0	331	78	409	16
ICT	0	0	0	0	0	0
TOTAL	9	3	1626	622	2248	1013

* The cumulative figures has been reconciled with PDMA KP and 70 x Partially Damaged Houses have been added 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			
TOTAL			

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	NTR						
Khyber Pakhtunkhwa							
Punjab							
Sindh							
Gilgit Baltistan							
AJ&K							
Islamabad Capital Territory							
TOTAL							

7. **Cumulative Flood Relief Activities (Started from 25 Jun 2023 up to 1300 Hours on 2 August 2023):-**a. **Cumulative State of Relief Camps Established**

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

b. **Cumulative State of Rescue Operations (Started from 25 Jun 2023 up to 1300 Hours on 2 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	NTR						
Khyber Pakhtunkhwa							
Punjab							
Sindh							
Gilgit Baltistan							
AJ&K							
Islamabad Capital Territory							
TOTAL							

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 PDMAs / 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-049/23

Dated : - 02nd August, 2023
Time: - 10:50 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 Current: 1539.79 Max. Conservation: 1550.00	
JHELUM	-do-	-do- (Sargodha Division)		
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA Current: 1230.30 Max Conservation: 1242.00	
RAVI	-do-	-do- (Lahore Division)		
SUTLEJ	-do-	Mainly Dry Weather (Bahawalpur Division)		

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	183.0	115.1	160-180	Below Low
	Kalabagh	195.6	187.6	160-190	-do-
	Chashma	199.7	193.1	160-190	-do-
	Taunsa	319.9	310.9	280-320	Low
	Guddu	451.7	422.5	440-450	Medium
	Sukkur	443.1	400.5	420-440	-do-
	Kotri	192.6	154.8	195-210	Low
KABUL	Nowshera	45.7	45.7	No significant change	Below Low
JHELUM	Mangla	45.0	10.0	40-50	-do-
	Rasul	2.9	0.0	No significant change	-do-
CHENAB	Marala	81.3	54.3	70-80	-do-
	Khanki	59.5	52.0	No significant change	-do-
	Qadirabad	56.6	46.6	-do-	-do-
	Trimmu	93.0	87.5	85-95	-do-
	Punjad	120.8	107.5	120-130	-do-
	RAVI	Jassar	23.7	23.7	No significant change
RAVI	Shahdara	22.3	22.3	-do-	-do-
	Balloki	48.5	26.1	40-45	Low
	Sidhnai	56.6	43.3	50-55	-do-
	SUTLEJ	G.S.Wala	60.3	60.3	55-65
SUTLEJ	Sulemanki	71.9	63.1	70-75	Low
	Islam	58.5	57.9	55-60	-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-049/23

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



Dated: - 02nd August, 2023
Time: - 10:50 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 Guddu & Sukkur is in medium flood level. River Indus at Taunsa, River Ravi at Sidhnai and River Sutlej at Sulemanki & Islam are in Low flood level.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's Well Marked monsoon low over Northeast Bay of Bengal moved Northwestwards and today lies over West Bengal as Depression.
- b. Yesterday's trough of westerly wave over Northern parts of Afghanistan today lies over Northeast Afghanistan.
- c. Light to moderate moist currents from Arabian Sea are penetrating to upper parts of the country up to 3000 feet.
- d. Seasonal low lies over North 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 Peshawar, Kohat, Bannu, Rawalpindi, Gujranwala, Sargodha & Lahore Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Monsoon activity is likely to increase over upper half of the Country.

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

- Indus:** Tirah-Khyber=03 & Oghi=01.
Jhelum: Chakwal=14, Dhulli & Rawalakot=02(each), Sargodha (Airbase=01 & City=Trace), Bandi Abbaspur=Trace.
Chenab: Gujranwala=11, Sialkot (Cantt)=Trace.
Ravi: Lahore [Airport=63, Taj Pura=55, Upper Mall=35, Township=33, Mughal Pura=32, Johar Town=12, City=10, Gulburg=06, Luckshami=03].
Sutlej: -Nil-
Others: Khuzdar=03 & Karachi Airport=Trace.

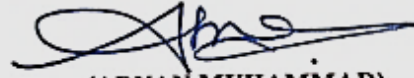
(Chaudhary Muhammad Aslam)
Chief Meteorologist
FFD Lahore

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)	Live Storage (MAF)	Reservoir Level (ft)	Storage (%)	Storage last year (%)
i. Bhakra Dam on River Sutlej	1680	5.050	<u>3.724</u> 27-07.2023	1657.56	74	39
ii. Pong Dam on River Beas	1390	4.991	<u>3.901</u> 27.07.2023	1376.54	78	30
iii. Thein Dam on River Ravi	1732	1.900	<u>1.653</u> 27.07.2023	1718.68	87	47

The data is being shared for flows information
This issues with the approval of PCIW
Dated: 27th July 2023

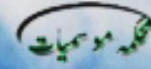


(ADNAN MUHAMMAD)
Deputy Commissioner for Indus Waters
Tele: 051-9244674

Data source: www.bhmb.gov.in
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 02-08-2023 at 0800 PST

Stations		Rainfall (mm)		
Punjab				
Lahore		(A/P 63, Tajpura 55, Upper Mall 35, Nishtar Town 33, Mughal pura32, Johar town 12, Jail road, City 10, Gulberg 06, Lakshmi Chowk 03)		
Chakwal		14		
Gujranwala		11		
Sargodha (city)		Trace		
Balochistan				
Khuzdar		03		
Kashmir				
Rawalakot, Dhulli		02		
Bandi Abbaspur		Trace		
Khyber Pakhtunkhwa				
Tirah Khyber		03		
Sindh				
NIL				
Gilgit-Baltistan				
NIL				
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Lahore A/P	55	102	NE	1315
Lahore City	32	59	E	1329
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				