



F.2 (E)/2023-NDMA (MW/SITREP-39)
**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD**



Dated: **3 Aug 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 39**

NDMA Monsoon 2023 Daily Situation Report No **39**, covering period from **1300 hours 2nd August 2023 to 1300 hours 3rd 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 - 39
(PERIOD COVERED: 1300 HRS - 2 AUGUST 2023 TO 1300 HRS - 3 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	Rajanpur	1	0	2	3	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	0	
TOTAL		1	0	2	3	

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	Kharan	0	907	907	96
KP	-	0	0	0	0
Punjab	-	0	0	0	0
Sindh	-	0	0	0	0
Gilgit Baltistan	-	0	0	0	0
AJ&K	Muzaffarabad	3	0	29	5
	Jhelum Valley	0	2		0
	Poonch	0	9		0
	Sudhnoti	9	6		0
Islamabad Capital Territory		0	0	0	0
TOTAL		12	924	936	101

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	Kharan	-	-	-	2	-	-	-	-
KP*	-	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-	-	-
GB	GB	60 m	Partially	Work in Progress	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
TOTAL	-	60	-	-	2	-	-	-	-

3. **Roads Situation**. *PDMA KP has reported that Mastuj-Yarkhun Road at Zhupu Bridge is still blocked in Upper Chitral due to heavy rain / flash flood. DDMA has mobilized machinery for early restoration of roads.

a. **GB** GB DMA has reported Jaglot to Skardu (JSR) blocked at Shatot due to heavy rainfall/ flash flood. DDMA has mobilized machinery for early restoration of roads.

4. **Cumulative Casualties - Deaths / Injuries (Started from 25 Jun 2023 up to 1300 Hours on 3 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	32	12	28	72	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	76	35	81	192	125	79	79	283

5. **Cumulative Damages of Infrastructure & Private Properties (Started from 25 Jun 2023 up to 1300 Hours on 3 August 2023): -**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan*	24	4	579	1330	1909	628
Khyber Pakhtunkhwa	0	0	382	80	462	222
Punjab	0	0	77	4	81	3
Sindh	0	0	324	18	342	213
Gilgit Baltistan	1.6	1	30	19	49	27
AJ&K#	0	0	342#	95	437	21
ICT	0	0	0	0	0	0
TOTAL	25.6	5	1734	1546	3280	1114

* PDMA Balochistan has reconciled their figures and 97 x Partially Houses have been added in cumulative summary.

SDMA has reconciled their figures and 1 x Partially House have been subtracted from 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							
Khyber Pakhtunkhwa							
Punjab							
Sindh							
Gilgit Baltistan							
AJ&K							
Islamabad Capital Territory							
TOTAL							

NTR

7. **Cumulative Flood Relief Activities (Started from 25 Jun 2023 up to 1300 Hours on 3 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			
TOTAL			

b. **Cumulative State of Rescue Operations (Started from 25 Jun 2023 up to 1300 Hours on 3 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							

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-050/23

Dated: - 03rd 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: 1541.29 Max. Conservation: 1550.00	
JHELUM	-do-	-do- (Sargodha Division)		
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA Current: 1231.90 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	204.0	239.9	200-210	Below Low
	Kalabagh	158.5	150.5	160 R 230	-do-
	Chashma	176.0	171.0	180-200	-do-
	Taunsa	270.9	257.4	270 F 220	Low to Below Low
	Guddu	433.9	400.4	430-400	Medium
	Sukkur	430.3	384.9	430-400	-do-
	Kotri	211.2	172.3	210-225	Low
KABUL	Nowshera	42.7	42.7	No significant change	Below Low
JHELUM	Mangla	56.0	10.0	50-70	-do-
	Rasul	2.9	0.0	No significant change	-do-
CHENAB	Marala	87.4	59.7	80-95	-do-
	Khanki	59.5	52.0	No significant change	-do-
	Qadirabad	52.1	42.1	-do-	-do-
	Trimmu	74.0	68.5	-do-	-do-
	Punjad	124.2	110.9	125-135	-do-
RAVI	Jassar	20.2	20.2	No significant change	-do-
	Shahdara	26.1	26.1	-do-	-do-
	Balloki	45.5	23.0	40-45	Low
	Sidhnai	58.6	43.8	50-58	Medium
SUTLEJ	G.S.Wala	61.8	61.8	60-65	Low
	Sulemanki	73.0	63.4	70-75	-do-
	Islam	64.6	64.0	64-70	-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



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



BULLETIN No. A-050/23

Dated: - 03rd 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 Sidhni and River Sutlej at Sulemanki & Islam are in Low flood level.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's Depression over West Bengal has moved Westwards and today lies over North Chattisgarh (not likely to affect the country significantly).
- b. Yesterday's trough of westerly wave over Northeast Afghanistan persists.
- 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 Northwest 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, DI Khan, Rawalpindi, Gujranwala, Sargodha & Lahore Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Wet Spell is likely to continue with the same intensity during next 24-hours and it is likely to intensify after 24-hours.

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

- Indus:** Bosak Bridge=54, Saidu Sharif=33, Attock & Takht Bai=23(each), Murree & Mardan=22(each), Kakul=21, Malam Jabba & Besham=18(each), Kamra (Airbase)=16, Cherat=14, Lower Dir=12, Khawagoobo Bridge=11, Pashat-Bajaur & Daggar=10(each), Dir=09, Buner & Tarbela=08(each), Shinkhari=07, Oghi=05, Tirah-Khyber=04, Bannu=03, Islamabad (Chaklala Airbase), Kalam & Kohat (Airbase)=02(each), Darashoot, Risalpur & Dhok Pathan=01(each), Babusar, D.I.Khan & Khaar-Bajaur=Trace(each).
- Jhelum:** Palandri=45, Mangla=41, Balakot=38, Mandibahauddin=32, Jhelum=28, Kotli=21, Rohtas=19, Domel=04, Haraman & Sara-e-Alamgir=03(each), Dhulli & Bandi Abbaspur=01(each), Sargodha (City)=Trace.
- Chenab:** Gujranwala=22, Daulatnagar=19, Sialkot (Cantt=10 & Airport=Trace), Gujrat=09.
- Ravi:** Narowal=12, Lahore [Airport=10, Township=04, Johar Town & Jail Road=Trace(each)], Ravi Syphon=06.
- Sutlej:** -Nil-
- Others:** -do-

(Chaudhary Muhammad Aslam)
Chief Meteorologist
FFD Lahore

www.ffd.pmd.gov.pk | Email: ffd1hr@yahoo.com

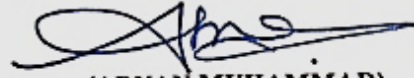
Chief Meteorologist: 04299200208 & Duty Officer 24/7 hrs: 04299200139, 04299205367-70 and Fax:04299200209 & 5367

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.



Total Rainfall (mm) last 24 hours on Thursday 03-08-2023 at 0800 PST				
Stations		Rainfall (mm)		
Kashmir				
Barnala		39		
Kotli		21		
Haraman		04		
Bandi Abbaspur & Dhulli		01		
Khyber Pakhtunkhwa				
Balakot		38		
Saidu Sharif		33		
Mardan		23		
Kakul		21		
Malanjabba		18		
Cherat		14		
Dir		(Lower 12 & Upper 09)		
Pashat Bajaur		10		
Buner		08		
Tirah Khyber		04		
Bannu		03		
Kalam		02		
Dera Ismail Khan		(City Trace)		
Punjab				
Mandi Bahauddin		32		
Mangla		29		
Jhelum		28		
Attock		23		
Gujranwala & Murree		22		
Narowal		12		
Sialkot		(City 10 & A/P Trace)		
Lahore		(A/P 10, City Trace)		
Gujrat		09		
Rawalpindi		(Kacheri 05 & Chaklala 02)		
Sargodha		Trace		
Gilgit-Baltistan				
Babusar		Trace		
Balochistan				
NIL				
Sindh				
NIL				
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Sialkot (A/P)	35	64	NE	1720
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				