



F.2 (E)/2023-NDMA (MW/SITREP-51)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD



Dated: **15 August 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 51**

NDMA Monsoon 2023 Daily Situation Report No **51**, covering period from **1300 hours 14th August 2023 to 1300 hours 15th 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 -51
(PERIOD COVERED: 1300 HRS- 14 AUGUST2023 TO 1300 HRS - 15 AUGUST2023)

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	Lower Dir	8	0	0	8	House collapse
Punjab	-	0	0	0	0	
Sindh	-	0	0	0	0	
Gilgit Baltistan	-	0	0	0	0	
AJ&K	Sudhnoti	3	1	0	4	House collapse
Islamabad Capital Territory		0	0	0	0	
TOTAL		11	1	0	12	

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	Mohmand	6	0	51	0
	Lower Chitral	21	19		48
	Lower Dir	5	0		0
Punjab	-	0	0	0	0
Sindh	-	0	0	0	0
Gilgit Baltistan	-	0	0	0	0
AJ&K	Sudhnoti	2	1	3	0
Islamabad Capital Territory		0	0	0	0
TOTAL		34	20	54	48

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	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-

3. Cumulative Casualties- Deaths / Injuries (Started from 25 Jun 2023 upto 1300 Hours on 15 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 (Started from 25 Jun 2023 upto 1300 Hours on 15 August 2023):-

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	24	4	910	1410	2320	628
Khyber Pakhtunkhwa	0	0	459	105	564	276
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	356	99	455	21
ICT	0	0	0	0	0	0
TOTAL	25.76	5	2208	1655	3863	1178

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(Started from 25 Jun 2023 upto 1300 Hours on 15 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 (Started from 25 Jun 2023 up to 1300 Hours on 15 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							

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-062/23

Dated: - 15th 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 thunderstorm/rain	Scattered thunderstorm/rain (Rawalpindi Division)	TARBELA Current: 1549.04 Max. Conservation: 1550.00	
JHELUM	-do-	-do- (Sargodha Division)		
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA Current: 1240.60 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	240.0	251.4	230-249	Below Low
	Kalabagh	254.8	246.8	250-280	Low
	Chashma	258.4	237.2	250-260	-do-
	Taunsa	235.3	217.2	240-280	-do-
	Guddu	234.5	203.4	230 F 180	Low to Below Low
	Sukkur	237.7	182.7	235 F 200	Low
	Kotri	180.3	140.1	No significant change	Below Low
KABUL	Nowshera	41.4	41.4	40-60	Low
JHELUM	Mangla	38.0	10.0	30-50	Below Low
	Rasul	8.4	5.3	No significant change	-do-
CHENAB	Marala	94.9	65.0	80-95	-do-
	Khanki	66.3	58.3	65-80	-do-
	Qadirabad	51.9	41.9	50-80	-do-
	Trimmu	61.5	47.9	No significant change	-do-
	Punjad	76.7	61.1	-do-	-do-
RAVI	Jassar	23.7	23.7	-do-	-do-
	Shahdara	31.4	31.4	-do-	-do-
	Balloki	42.3	19.3	40-45	Low
	Sidhnai	28.6	10.9	No significant change	Below Low
SUTLEJ	G.S. Wala	36.6	36.6	35-45	-do-
	Sulemanki	45.5	32.1	No significant change	-do-
	Islam	36.5	34.4	-do-	-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-062/23

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



Dated: - 15th August, 2023
Time: - 10:50 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, 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 Tarbela & Guddu is in Low flood level. According to the information available, Reservoirs in India at Sutlej and Beas Rivers (Bhakra Dam & Pong Dam) have attained their maximum conservation levels. In the presence of current meteorological situation, moderate rainfall activity 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 Northern parts of the country, today lies over Kashmir and adjoining areas.
- b. Moderate moist currents from Arabian Sea are penetrating to upper parts of the country up to 5000 feet.
- c. Seasonal low lies over Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered thunderstorm/rain of light to moderate intensity associated with gusty winds is expected over the upper catchments of all the Major Rivers, Islamabad along with Peshawar, Kohat, Bannu, D.I Khan, Rawalpindi, Sargodha, Gujranwala, Lahore, Faisalabad & Sahiwal Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Wet-spell is likely to decrease further.

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

Indus:	Islamabad [Chaklala (Airbase)=68, Shamsabad=64, Zeropoint=49, New Airport=48, Bokra=46, Golra=38, Saidpur=10], Risalpur=64, Lower Dir=54, Kamra (Airbase)=35, Pashat-Bajaur=27, Dir=25, Cherat=16, Tarbela=13, Attock=10, Daggar & Landi Kotal=09(each), Murree, Besham & Shinkiari=08(each), Kakul=06, Mirkhani=05, Takht Bai, Mardan, Mianwali (Airbase) & Parachinar=03(each), Peshawar (City =02, Airport & Bacha Khan A/P=01(each)), Buner, Kalam, Saidu Sharif & Bunji=02(each), Drosh, D.I.Khan A/P, Bagrote, Dhok Pathan, Kurrum Garhi, Skardu, Kohat Airbase, Kabul, Kanshi Palote & Rashidabad(Kalpani)=01(each).
Jhelum:	Palandri=43, Chakwal=40, Kotli=33, Rawalakot & Garhi Dopatta=26(each), Kallar=23, Mangla=22, Jhelum=09, Bandi Abbaspur & Rohtas=06(each), Haraman=04, Sara-E-Alamgir=02, Muzaffarabad (Airport), Dhulli, Mandibahauddin & Chakri=01(each).
Chenab:	Daulatnagar=46, Sialkot (Cantt=46 & Airport=41), Barnala=16, Gujranwala & Gujrat=11(each).
Ravi:	Narowal=14, Kotnaina=08, Ravi Syphon=02, Shakar Garh=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 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 Tuesday 15-08-2023 at 0800 PST

Stations		Rainfall (mm)		
Punjab				
Rawalpindi		(Kacheri & Chaklala 68 & Shamsabad 64)		
Islamabad		(Z/P 49, A/P 48, Bokra 46, Golra 38 & Saidpur 10)		
Sialkot		(City 46 & A/P 41)		
Chakwal		40		
Narowal		14		
Gujranwala, Mangla & Gujrat		11		
Attock		10		
Jhelum		09		
Murree		08		
Mandi Bahauddin		01		
Khyber Pakhtunkhwa				
Dir		(Lower 54 & Upper 25)		
Bajaur		(Pashat 27 & Khaar Trace)		
Cherat		16		
Landi Kotal		09		
Kakul		06		
Mirkhani		05		
Parachinar & Mardan		03		
Kalam, Saidu Sharif & Buner		02		
Peshawar		(City 02 & A/P 01)		
Dera Ismail Khan		(A/P 01 & City Trace)		
Bacha Khan (A/P) & Drosh		01		
Kashmir				
Kotli		33		
Garhidupatta & Rawalakot		26		
Barnala		16		
Bandi Abbaspur		06		
Haraman		04		
Muzaffarabad (City) & Dhulli		01		
Gilgit-Baltistan				
Bunji		02		
Skardu & Bagrote		01		
Astora, Chilas & Gilgit		Trace		
Sindh				
NIL				
Balochistan				
NIL				
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Rawalpindi (Chaklala)	45	83	NE	1455
Islamabad (A/P)	30	55	SW	1740
Mandi Bahauddin	26	48	N	1730
Lahore (A/P)	25	46	NE	2048
NIL				
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				