



F.2 (E)/2023-NDMA (MW/SITREP-61)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD



Dated: **25 August 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 61**

NDMA Monsoon 2023 Daily Situation Report No **61**, covering period from **1300 hours 24th August 2023 to 1300 hours 25th August 2023** is enclosed for information/necessary action, please.

(Muhammad Ali Khan)

Director (Response)

Telephone No: 051-9030924

Fax: 051-9030729

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 -61
(PERIOD COVERED: 1300 HRS-24 AUGUST 2023 TO 1300 HRS-25 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	
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	
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
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 damaged	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*	Skardu	30 m	Partially	Alternative Rd not avail	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
TOTAL	-	30 m	-	-	-	-	-	-	-

3. **Roads Situation in GB***. GBDMA has reported that JSR near Shahtoot, District Skardu is blocked due to heavy rain / flash flood. DDMA has mobilized machinery for early restoration of roads.

4. **Cumulative Casualties- Deaths / Injuries (From 25 Jun 2023 upto 1300 Hours on 25 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	17	9	34	60	36	19	32	87
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	85	40	87	212	144	82	81	307

5. **Cumulative Damages of Infrastructure & Private Properties (From 25 Jun 2023 upto 1300 Hours on 25 August 2023):-**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	22	4	2431	1762	4193	697
Khyber Pakhtunkhwa	0	0	460	110	570	285
Punjab	0	0	77	4	81	3
Sindh	0	0	324	18	342	213
Gilgit Baltistan	1.85	1	82	19	101	37
AJ&K	0	0	361	104	465	21
ICT	0	0	0	0	0	0
TOTAL	23.85	5	3735	2017	5752	1256

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			

Rescue Operations

- c. (1) **Employment of Boats.** NTR.
- (2) **Employment of Aviation Assets.** NTR.
- (3) **Relief Activities in Last 24 hours.** NTR.

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							

7. **Cumulative Flood Relief Activities(From 25 Jun 2023 upto 1300 Hours on 25 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 (From 25 Jun 2023 up to 1300 Hours on 25 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. **Flows / Reservoirs 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-072/23

Dated: - 25th 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	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1548.70
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	MANGLA	
SUTLEJ	-do-	Mainly Dry Weather (Bahawalpur Division)	Current:	1241.70
			Max Conservation:	1242.00

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

RIVERS	Stations	Design Capacity	Actual Observations at 0600 PST		Quantitative Forecast for Next 24-hrs (Inflow)	Qualitative Forecasted Flood Level (Inflow)	Max Flood Peaks (In Thousands of Cusecs)	
			Inflow	Outflow			Historical	Flood Season 2023
INDUS	Tarbela	1500	260.0	255.8	245-260	Low	832.0 (2010)	283.0
	Kalabagh	950	285.1	277.1	280-290	-do-	950.0 (1942)	373.4
	Chashma	950	287.7	262.8	280-290	-do-	1038.9 (2010)	419.7
	Taunsa	1100	231.1	208.6	No Sig.change	Below Low	960.0 (2010)	439.9
	Guddu	1200	249.9	218.8	250-260	Low	1199.7 (1976)	482.9
	Sukkur	1500	210.2	155.9	No Sig.change	Below Low	1166.6 (1986)	448.1
	Kotri	875	153.7	113.1	-do-	-do-	980.3 (1956)	258.2
KABUL	Nowshera	-	42.6	42.6	40-50	-do-	391.3 (1990)	100.6
JHELUM	Mangla	1060	23.0	26.4	30-50	-do- Sharp peak up to low flood level	1090.0 (1992)	140.0
	Rasul	850	22.7	19.7	No Sig.change	Below Low	952.2 (1992)	37.0
CHENAB	Marala	1100	78.7	49.0	70-105	Low	1100.0 (1957)	211.0
	Khanki	1100	58.1	49.9	No Sig.change	Below Low	1086.5 (1959)	211.5
	Qadirabad	807	51.2	41.2	-do-	-do-	948.5 (1992)	203.7
	Trimmu	645	61.6	53.0	-do-	-do-	944.0 (1928)	125.2
	Punjinad	700	80.7	64.2	80-100	-do-	802.5 (1973)	159.5
RAVI	Jassar	275	26.2	26.2	No Sig.change	-do-	680.0 (1955)	71.0
	Shahdara	250	32.1	32.1	-do-	-do-	576.0 (1988)	39.8
	Balloki	225	41.0	23.0	37-42	Low	389.8 (1988)	74.2
	Sidhnai	150	36.5	18.6	35-40	-do-	330.2 (1988)	58.3
SUTLEJ	G.S. Wala	--	118.7	118.7	120-140	Medium to High	** **	278.3
	Sulemanki	325	106.0	95.3	100-106	Medium	598.9 (1955)	191.1
	Islam	300	136.9	135.8	136-160	High	492.6 (1955)	136.9

Isolated= 20 to 30% of area Scattered= 30 to 50% of area | Widespread= 90 to 100% of area R= Rising, F= Falling

Note: Concerned Departments may contact FFD, Lahore for rectification up-dation (if any)

(Ch Muhammad Aslam)
 Chief Meteorologist
 FFD Lahore



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



BULLETIN No. A-072/23

Dated: - 25th 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 Sutlej at Islam is in High flood level, while at Ganda Singh Wala & Sulemanki is in medium flood level. River Indus at Tarbela, Kalabagh, Chashma & Guddu is in low flood level.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of westerly wave over Northeast Afghanistan and adjoining areas, today lies over Northern parts of Afghanistan.
- b. Moderate moist currents from Arabian Sea are penetrating to upper parts of the country up to 5000 feet.
- c. Seasonal low lies over Northeast Balochistan and its trough is extending Northwards.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered wind thunderstorm/rain of 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. Isolated wind thunderstorm/rain is also expected over DI Khan & 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:	Besham=34, Mardan=30, Takht Bai=29, Dir=28, Kakul=20, Islamabad (Chaklala (Airbase)=18, Bokra=17, Saidpur=08, Shamsabad=06, Zeropoint=05, Golra=01), Darashoot & Kamra (Airbase)=16(each), Tarbela=15, Khawagoobo Bridge=12, Bagrote=11, Pattan=10, Skardu=08, Saidu Sharif, Gupis & Astore=07(each), Pashat-Bajaur & Mianwali (Airbase)=06(each), Attock & Malam Jabba=05(each), Arandu Nullah & Khaar-Bajaur=04(each), Kohat (Airbase), Risalpur, Gilgit, Kalam & Bhakkar=02(each), Bosak Bridge, DG Khan (Zain Sanghar) & Bunji=01(each), D.I.Khan (City=01 & A/P=Trace), Buner, Bannu, Tirah-Khyber, Babusar & Tanda Dam=Trace(each).
Jhelum:	Kotli & Bandi Abbaspur=26(each), Haraman=22, Mangla=21, Palandri & Jhelum=18(each), Garhi Dopatta=15, Dhulli=05, Hajira=Trace.
Chenab:	Barnala=05, Gujranwala=01, Daulatnagar=Trace.
Ravi:	Lahore [Gulburg=15, Jail Road=11, Iqbal Town & Samanabad=05(each), Luckshami & Shahi Qilla=04(each), Upper Mall=03, Gulshan e Ravi & Taj Pura=02(each), Airport, Township & Qurtba chock=Trace(each)], Narawal=15, Kotnaina=03.
Sutlej:	-Nil-
Others:	-do-

(Chaudhary Muhammad Aslam)
Chief Meteorologist
FFD Lahore

www.fpd.gov.pk | Email: ffdhr@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)	Current Live Storage (MAF)	Reservoir Level (ft)	Storage (%)	Storage last year (%)
i. Bhakra Dam on River Sutlej	1680	5.050	<u>4.357</u> 24-08.2023	1674.19	86	78
ii. Pong Dam on River Beas	1390	4.991	<u>4.782</u> 24.08.2023	1391.76*	96	80
iii. Thein Dam on River Ravi	1732	1.900	<u>1.427</u> 24.08.2023	1708.35	75	85

The data is being shared for flows information * Maximum Reservoir Level is at 1421 ft.

This issues with the approval of PCIW

Dated: 24th August 2023



(SHAHIDA GUL)

Deputy Commissioner for Indus Waters
Tele: 051-9253190

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, 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 Friday 25-08-2023 at 0800 PST

Stations		Rainfall (mm)		
Khyber Pakhtunkhwa				
Mardan		30		
Takht Bhai		29		
Dir		28		
Kakul		20		
Pattan		10		
Saidu Sharif		07		
Pashat-Bajaur		06		
Malam Jabba & Khaar-Bajaur		04		
Kalam		02		
D.I.Khan		City 01 & AP Trace		
Bannu		Trace		
Kashmir				
Kotli & Bandi Abbaspur		26		
Haraman		22		
Garhidupatta		13		
Barnala & Dhulli		05		
Punjab				
Mangla		21		
Jhelum		18		
Rawalpindi		(Chaklala AP 18 & Shamsabad 06)		
Islamabad		(Bokra 17, Saidpur 08, ZP 02 & Golra 01		
Lahore		(Gulberg 15, City 11, Samanabad, Iqbal Town 05, Lakshmi Chowk 04, Shahi Qila 04, Upper Mall 03, Gulshan-e-Ravi 02, Nishter Town & AP Trace)		
Narowal		15		
Attock		05		
Bhakkar		02		
Gujranwala		01		
Gilgit-Baltistan				
Bagrote		11		
Skardu		08		
Astore		07		
Gilgit		02		
Bunji		01		
Babusar		Trace		
Sindh				
NIL				
Balochistan				
NIL				
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
NIL				
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	