



F.2 (E)/2023-NDMA (MW/SITREP-64)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD



Dated: **28 August 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 64**

NDMA Monsoon 2023 Daily Situation Report No **64**, covering period from **1300 hours 27th August 2023 to 1300 hours 28th 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-64
(PERIOD COVERED: 1300 HRS-27 AUGUST 2023 TO 1300 HRS-28 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	Kotli	2	2	0	4	House collapse
Islamabad Capital Territory		0	0	0	0	
TOTAL		2	2	0	4	

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	Kotli	0	1	1	0
Islamabad Capital Territory		0	0	0	0
TOTAL		0	1	1	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	One way is open for traffic	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
TOTAL	-	30 M	-	-	-	-	-	-	-

3. **Cumulative Casualties- Deaths / Injuries (From 25 Jun 2023 upto 1300 Hours on 28 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	33	12	28	73	72	52	41	165
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	10	7	0	17
Islamabad Capital Territory	11	0	0	11	5	0	0	5
TOTAL	86	40	87	213	147	85	81	313

4. **Cumulative Damages of Infrastructure & Private Properties (From 25 Jun 2023 upto 1300 Hours on 28 August 2023):-**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	22	4	2431	1762	4193	697
Khyber Pakhtunkhwa	0	0	461	110	571	285
Punjab	0	0	77	5	82	3
Sindh	0	0	324	18	342	213
Gilgit Baltistan	1.88	1	82	19	101	37
AJ&K	0	0	361	105	465	21
ICT	0	0	0	0	0	0
TOTAL	23.88	5	3736	2019	5754	1256

5. **Flood Relief Activities (Last 24 hours).** NTR.a. **Relief Camps Established****Rescue Operations**c. (1) **Employment of Boats.** NTR.(2) **Employment of Aviation Assets.** NTR.(3) **Relief Activities in Last 24 hours.** NTR.6. **Cumulative Flood Relief Activities (From 25 Jun 2023 upto 1300 Hours on 28 August 2023):-**a. **Cumulative State of Relief Camps Established**

Description	Balochistan	*KP	Punjab	*Sindh	*GB	*AJ&K	*ICT	Total
No of Medical Camp	0	0	249	0	0	0	0	249
No of Persons Treated	0	0	46597	0	0	0	0	46597
No of Relief Camps	0	0	318	0	0	0	0	318
Cooked Food	0	0	71554	0	0	0	0	71554

* Confirm data is awaited from PDMAs, GBDMA & SDMA.

b. **Cumulative State of Rescue Operations (From 25 Jun 2023 up to 1300 Hours on 28 August 2023):-**

c.

Description	Balochistan	*KP	Punjab	*Sindh	*GB	*AJ&K	*ICT	Total
No of Persons Transported	0	0	265064	0	0	0	0	265064
No of Persons Evacuated/ Rescued	63	0	165451	0	0	0	0	165514
Animals Transported	0	0	68086	0	0	0	0	68086
Boats Deployed	0	0	396	0	0	0	0	396
Live Jackets	20	0	5465	0	0	0	0	5485
Rings	0	0	1046	0	0	0	0	1046
Ropes	0	0	628	0	0	0	0	628

* Confirm data is awaited from PDMAs, GBDMA & SDMA.

- (1) **Employment of Aviation Activates.** NTR.
 (2) **Relief Activities**

Relief Items	Balochistan	KP	Punjab	Sindh	GB	AJ&K	ICT	Total
Tents	3800	280	0	0	194	42	0	4316
Ration Bags	5050	107	0	0	1155	1	0	6313
Blankets	2500	414	0	0	2043	22	0	4979
Quilts	700	0	0	0	300	39	0	1039
Net Mosquito	34550	108	0	0	0	0	0	34658
Plastic Mats	3300	151	0	0	135	56	0	3642
Mattress	0	83	0	0	160	30	0	273
Sleeping Bags	0	0	0	0	0	2	0	2
Kitchen Sets	2300	260	0	0	192	8	0	2760
Hygiene Kits	0	220	0	0	19	0	0	239
First Aid Kits	50	0	0	0	0	0	0	50
Jerry can	3300	331	0	0	33	0	0	3664
Tarpaulin	13800	201	0	0	530	0	0	14531
Gas Cylinder	2900	1	0	0	0	0	0	2901
Water Cooler	2350	14	0	0	49	0	0	2413

7. **Dams and Reservoirs Level.** - Attached at **Annex A.**
 8. **Flood Alert / River Flows.** - Attached at **Annex B.**
 9. **Flows / Reservoirs 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 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-075/23

Dated: - 28th August, 2023
Time: - 11:30 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	Scattered wind thunderstorm/rain	Scattered wind thunderstorm/rain (Rawalpindi Division)	TARBELA Current: 📈 1550.00 Max. Conservation: 1550.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA Current: 1241.92 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	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	171.0	256.2	140-170	Below Low	832.0 (2010)	398.0	
	Kalabagh	950	192.2	184.2	180-220	-do-	950.0 (1942)	373.4	
	Chashma	950	254.5	236.8	220-245	-do-	1038.9 (2010)	419.7	
	Taunsa	1100	282.4	258.9	270-300	Low	960.0 (2010)	439.9	
	Guddu	1200	266.6	235.1	265-270	-do-	1199.7 (1976)	482.9	
	Sukkur	1500	205.2	151.5	205-215	-do-	1166.6 (1986)	448.1	
	Kotri	875	153.7	113.1	No Sig. change	Below Low	980.3 (1956)	258.2	
KABUL	Nowshera	-	29.7	29.7	-do-	-do-	391.3 (1990)	100.6	
JHELUM	Mangla	1060	21.7	21.8	20-40	-do-	1090.0 (1992)	140.0	
	Rasul	850	8.4	5.3	No Sig. change	-do-	952.2 (1992)	37.0	
CHENAB	Marala	1100	45.5	22.2	45-60	-do-	1100.0 (1957)	211.0	
	Khanki	1100	33.2	24.9	No Sig. change	-do-	1086.5 (1959)	211.5	
	Qadirabad	807	25.0	15.0	-do-	-do-	948.5 (1992)	203.7	
	Trimmu	645	83.1	74.5	-do-	-do-	944.0 (1928)	125.2	
	Punjinad	700	85.2	68.5	-do-	-do-	802.5 (1973)	159.5	
RAVI	Jassar	275	7.1	7.1	-do-	-do-	680.0 (1955)	71.0	
	Shahdara	250	25.4	25.4	-do-	-do-	576.0 (1988)	39.8	
	Balloki	225	37.1	14.1	-do-	-do-	389.8 (1988)	74.2	
	Sidhnai	150	28.2	10.3	-do-	-do-	330.2 (1988)	58.3	
SUTLEJ	G.S. Wala	--	115.0	115.0	105-118	Medium	**	**	278.3
	Sulemanki	325	108.1	94.6	105-115	-do-	598.9 (1955)	191.1	
	Islam	300	94.3	94.3	94 F 70	Medium to low	492.6 (1955)	151.9	

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

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

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



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



BULLETIN No. A-075/23

Dated: - 28th August, 2023
Time: - 11:30 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 Ganda Singh Wala, Sulemanki & Islam is in Medium flood level. River Indus at Tarbela Taunsa & Guddu is in low flood level.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of westerly wave over Kashmir & adjoining area persists.
- b. Moderate moist currents from Arabian Sea are penetrating to central and upper parts of the country up to 5000 feet.
- c. Seasonal low lies over Northeast Balochistan.

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, D.I Khan, Rawalpindi, Gujranwala, Sargodha, Lahore, Multan & D.G Khan Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Wet spell is likely to decrease.

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

- Indus:** Tarbela=20, Pattan=18, Islamabad [Golra=11, New Airport=10, Saidpur=08, Zeropoint=07, Shamsabad=05, Bokra=03 & Chaklala (Airbase)=02], Besham & Gupis=08(each), Bagrote=07, Murree=06, Skardu=05, Kalam & Kakul=03(each), Chilas, Astore, Dir & Mirkhani=02(each), Malam Jabba & Drosh=01(each), Arundu Nullah, Bosak Bridge, Bunji & Gilgit=Trace(each).
- Jhelum:** Mangla=28, Jhelum=17, Kotli, Garhi Dopatta & Kallar=05(each), Rohtas=01, Khansi Palote & Mandibahauddin=Trace(each).
- Chenab:** Sialkot (Cantt)=25, Sialkot (Airport) & Gujrat=08(each), Daulat Nagar=04, Gujranwala=02.
- Ravi:** Lahore [Qurtba chock=22, City=20, Luckshami=17, Taj Pura=15, Airport=12, Shahi Qilla=11, Gulburg & Johar Town=10(each), Samanabad=09, Iqbal Town=06, Upper Mall=05, Gulshan e Ravi=04, Township=02, Shahdara=01, Mughal Pura & Misri Shah= Trace(each)], Narowal=14.
- Sutlej:** Kasur=Trace.
- Others:** -Nil-

(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

Date	Bhakra Dam (F.R.L.)	Level	Inflow	Outflow	Pong Dam (F.R.L.)	Level in Feet & Discharge in Cusecs		
						Level	Inflow	Outflow
25.08.2023	1680	1673.91	52,810	56,501	1390	1392.05*	81,973	69,419
26.08.2023	1680	1674.24	55,457	49,043	1390	1391.95	66,391	69,529
27.08.2023	1680	1673.89	42,197	49,000	1390	1390.95	37,226	68,611
28.08.2023	1680	1673.60	39,986	45,627	1390	1389.98	19,222	49,629

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

This issues with the approval of PCIW

Dated: 28th August 2023



(SHAHIDA GUL)

Deputy Commissioner for Indus Waters
Tele: 051-9253190

Data source:-www.hbmbh.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, Muzaffarabad.
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, FFD. 46-Jail Road, Lahore.
27. Office In charge, FFD. 46-Jail Road, Lahore.



National Weather Forecasting Centre
Pakistan Meteorological Department



Total Rainfall (mm) last 24 hours on Monday 28-08-2023 at 0800 PST

Stations		Rainfall (mm)		
Punjab				
Sialkot	(City 25 & A/P 08)			
Mangla	24			
Lahore	(Qurtaba Chowk 22, City 20, Lakshmi Chowk 17, Tajpura 15, A/P 12, Johar Town, Gulbarg 10, Samanabad 09, Iqbal Town 06, Upper Mall 05, Gulshan-e-Ravi 04, Nishtar Town 02, Farrukhabad 01, Chowk Nakhuda & Mughalpura Trace)			
Jhelum	17			
Narowal	14			
Islamabad	(Golra 11, A/P 10, Saidpur 08, Z/P 07 & Bokra 03)			
Gujrat	08			
Murree	06			
Rawalpindi	(Shamsabad 05, Kacheri 03 & Chaklala 02)			
Gujranwala	02			
M. B Din, Kasur	Trace			
Khyber Pakhtunkhwa				
Pattan	18			
Kakul & Kalam	03			
Dir (Upper) & Mirkhani	02			
Drosh & Malamjabba	01			
Gilgit-Baltistan				
Gupis	08			
Bagrote	07			
Chillas, Astore	02			
Bunji & Gilgit	Trace			
Kashmir				
Garhidupatta	05			
Kotli	04			
Balochistan				
NIL				
Sindh				
NIL				
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Lahore (A/P)	40	74	N	0635
Lahore (City)	36	66	N	0610
Islamabad (A/P)	30	55	NE	0140
Sialkot (A/P)	25	46	N	0425
Islamabad (Z/P)	22	40	NE	0120
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				