



F.2 (E)/2023-NDMA (MW/SITREP-68)  
**Government of Pakistan  
Prime Minister's Office  
National Disaster Management Authority  
ISLAMABAD**



Dated: **1 September 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 68**

NDMA Monsoon 2023 Daily Situation Report No **68**, covering period from **1300 hours 31<sup>st</sup> August 2023 to 1300 hours 1<sup>st</sup> September 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-68****(PERIOD COVERED: 1300 HRS-31 AUGUST 2023 TO 1300 HRS-1 SEPTEMBER 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	
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**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	
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

**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
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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	-	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

3. Cumulative Casualties - Deaths / Injuries (From 25 Jun 2023 upto 1300 Hours on 1 September 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	7	18	10	10	0	20
Islamabad Capital Territory	11	0	0	11	5	0	0	5
<b>TOTAL</b>	<b>86</b>	<b>40</b>	<b>88</b>	<b>214</b>	<b>147</b>	<b>88</b>	<b>81</b>	<b>316</b>

4. Cumulative Damages of Infrastructure & Private Properties (From 25 Jun 2023 upto 1300 Hours on 1 September 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	365	109	474	25
ICT	0	0	0	0	0	0
<b>TOTAL</b>	<b>23.88</b>	<b>5</b>	<b>3740</b>	<b>2023</b>	<b>5763</b>	<b>1260</b>

5. **Flood Relief Activities (Last 24 hours).** Data received from PDMA Punjab have been updated in cumulative summary.

a. **Relief Camps Established**

b. **Rescue Operations**

- (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 1 September 2023):-**

a. **Cumulative State of Relief Camps Established by PDMAs/SDMA/GBDMA.**

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	59162	0	0	0	0	59162
No of Relief Camps	0	0	330	0	0	0	0	330
Cooked Food	0	0	83250	0	0	0	0	83250

b. **Cumulative State of Rescue Operations (From 25 Jun 2023 up to 1300 Hours on 1 September 2023) by PDMAs/SDMA/GBDMA:-**

Description	Balochistan	KP	Punjab	Sindh	GB	AJ&K	ICT	Total
No of Persons Transported	0	0	304275	0	0	0	0	304275
No of Persons Evacuated/ Rescued	63	0	511544	0	0	0	0	511607
Animals Transported	0	0	310323	0	0	0	0	310323
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

- (1) **Employment of Boats.** NTR.
- (2) **Employment of Aviation Activates.** NTR.
- (3) **Cumulative Relief Activities by PDMAs/SDMA/GBDMA.**

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 PDMAs / GBDMA / SDMA / ICT Administration, Govt Depts and is subject to change.

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

BULLETIN No. B-079/23

Dated: - 01<sup>st</sup> September, 2023  
Time: - 10:40 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	Isolated thunderstorm/rain	Mainly Dry Weather (Rawalpindi Division)	<b>TARBELA</b>	
JHELUM	-do-	-do- (Sargodha Division)	Current: 1550.00	
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation: 1550.00	
RAVI	-do-	-do- (Lahore Division)	<b>MANGLA</b>	
SUTLEJ	-do-	-do- (Bahawalpur Division)	Current: 1242.00	
			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	116.0	86.5	110-115	Below Low	832.0 (2010)	398.0
	Kalabagh	950	136.9	128.9	No Sig. change	-do-	950.0 (1942)	373.4
	Chashma	950	139.9	122.5	-do-	-do-	1038.9 (2010)	419.7
	Taunsa	1100	158.5	134.0	-do-	-do-	960.0 (2010)	439.9
	Guddu	1200	296.2	265.2	270-295	Low	1199.7 (1976)	482.9
	Sukkur	1500	275.1	221.2	260-275	-do-	1166.6 (1986)	448.1
	Kotri	875	148.7	107.7	No Sig. change	Below Low	980.3 (1956)	258.2
KABUL	Nowshera	-	24.1	24.1	-do-	-do-	391.3 (1990)	100.6
JHELUM	Mangla	1060	17.0	16.6	15-20	-do-	1090.0 (1992)	140.0
	Rasul	850	13.4	5.3	No Sig. change	-do-	952.2 (1992)	37.0
CHENAB	Marala	1100	45.6	15.3	40-50	-do-	1100.0 (1957)	211.0
	Khanki	1100	15.7	7.5	No Sig. change	-do-	1086.5 (1959)	211.5
	Qadirabad	807	13.7	0.0	-do-	-do-	948.5 (1992)	203.7
	Trimmu	645	41.2	25.6	-do-	-do-	944.0 (1928)	125.2
	Punjnad	700	102.7	86.1	-do-	-do-	802.5 (1973)	159.5
RAVI	Jassar	275	6.4	6.4	-do-	-do-	680.0 (1955)	71.0
	Shahdara	250	23.5	23.5	-do-	-do-	576.0 (1988)	39.8
	Balloki	225	32.2	9.2	-do-	-do-	389.8 (1988)	74.2
	Sidhnai	150	21.5	3.6	-do-	-do-	330.2 (1988)	58.3
SUTLEJ	G.S. Wala	--	59.3	59.3	59-40	Low to Below Low	**	**
	Sulemanki	325	81.8	67.8	80-70	Low	598.9 (1955)	191.1
	Islam	300	77.4	75.2	77-70	-do-	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

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

BULLETIN No. A-079/23

Dated: - 01<sup>st</sup> September, 2023  
Time: - 10:40 hours (PST)

- |  |  |
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| <ol style="list-style-type: none"> <li>1. President Secretariat, Islamabad.</li> <li>2. PM House, Islamabad.</li> <li>3. Federal Minister for Water Resources, Islamabad.</li> <li>4. Governor (All Provinces).</li> <li>5. Chairman NDMA, Islamabad.</li> <li>6. Chief Minister (All Provinces).</li> <li>7. PM Secretariat, Islamabad.</li> <li>8. Secretary, Aviation Division, Islamabad.</li> <li>9. Secretary, Ministry for Water Resources, Islamabad.</li> <li>10. Secretary, Ministry of Information, Islamabad.</li> <li>11. Chairman NHA, Islamabad.</li> <li>12. Chief Secretary (All Provinces).</li> <li>13. PDMA'S (D.G'S, All Provinces &amp; AJK).</li> </ol> | <ol style="list-style-type: none"> <li>14. Chairman, Federal Flood Commission, Islamabad.</li> <li>15. Chairman, Indus River System Authority, Islamabad.</li> <li>16. Chairman, PCRWR, Islamabad.</li> <li>17. The Secretary General, Red Crescent, Islamabad.</li> <li>18. Secretary, Irrigation Department, (All Provinces).</li> <li>19. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi.</li> <li>20. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.,</li> <li>21. Chief Engineer, Mangla/Tarbela/Chashma.</li> <li>22. Chief Engineer, Irrigation (All Provinces).</li> <li>23. Chief Engineer, (All Barrages).</li> <li>24. Chief Engineer, C.D.O. (Muzaffarabad).</li> <li>25. Commissioner for Indus Waters, Lahore.</li> <li>26. All other concerned.</li> </ol> |
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**SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:****I: HYDROLOGICAL SITUATION at 0600 PST:**

River Indus at Guddu & Sukkur and River Sutlej at Ganda Singh Wala, Sulemanki & Islam are in Low flood level.

**II: METEOROLOGICAL FEATURES:**

- a. Yesterday's trough of westerly wave over Northern parts of Afghanistan today lies over Northeast Afghanistan.
- b. Mild moist currents from Arabian Sea are penetrating to central parts of the country up to 5000 feet.
- c. Seasonal low lies over Northeast Balochistan.

**III: WEATHER FORECAST FOR NEXT 24-HOURS:**

Mainly dry weather is expected over most parts of the country, however isolated thunderstorm/rain is expected over the upper catchments of all the Major Rivers along with Kalat Division.

**IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:**

Scattered thunderstorm/rain of moderate intensity is expected over the upper catchments of Rivers Indus and Kabul. Scattered thunderstorm/rain of light to moderate intensity is expected over the upper catchments of Rivers Jhelum, Chenab, Ravi & Sutlej along with Islamabad and Peshawar, Kohat, Bannu & Rawalpindi Divisions.

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

Indus: Tirah-Khyber=02.  
Jhelum: -Nil-  
Chenab: -do-  
Ravi: -do-  
Sutlej: -do-  
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.

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**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>4.302</u> 31-08.2023	1672.75	85	78
ii. Pong Dam on River Beas	1390	4.991	<u>4.619</u> 31.08.2023	1389.04	93	80
iii. Thein Dam on River Ravi	1732	1.900	<u>1.427</u> 31.08.2023	1708.25	75	84

The data is being shared for flows information  
This issues with the approval of PCIW  
Dated: 31<sup>st</sup> August 2023



(SHAHIDA GUL)  
Deputy Commissioner for Indus Waters  
Tele: 051-9253190

Data source: [www.bmb.gov.in](http://www.bmb.gov.in)  
[www.cwc.gov.in](http://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 (II&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 Friday 01-09-2023 at 0800 PST**

Stations		Rainfall (mm)		
<b>Punjab</b>				
NIL				
<b>Khyber Pakhtunkhwa</b>				
NIL				
<b>Gilgit-Baltistan</b>				
NIL				
<b>Kashmir</b>				
NIL				
<b>Balochistan</b>				
NIL				
<b>Sindh</b>				
NIL				
<b>Maximum Wind Reported</b>				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
NIL				
<b>Maximum Water Level at Nullah Lai (Last 24 Hours)</b>				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				