



F.2 (E)/2023-NDMA (MW/SITREP-88)  
**Government of Pakistan**  
**Prime Minister's Office**  
**National Disaster Management Authority**  
**ISLAMABAD**



Dated: 21 September 2023

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 88**

NDMA Monsoon 2023 Daily Situation Report No 88, covering period from 1300 hours 20<sup>th</sup> September 2023 to 1300 hours 21<sup>st</sup> September 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-88**

(PERIOD COVERED: 1300 HRS-20 SEPTEMBER 2023 TO 1300 HRS-21 SEPTEMBER 2023)

1. **Casualties and Injuries (Last 24 hours)**

- a. **Deaths.** 1x male, 1x female and 1x children died due to lightening/ roof collapse in District Badin reported by PDMA Sindh.
- b. **Injuries.** NTR.

2. **Damage of Infrastructure & Private Properties (Last 24 hours)**

- a. **Houses Damaged and Livestock Perished.** NTR.
- b. **Roads, Bridges and Other Infrastructure Damaged in Last 24 hours.** NTR.

3. **Cumulative Casualties-Deaths / Injuries (From 25 Jun 2023 upto 1300 Hours on 21 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	19	11	36	66	41	19	32	92
Punjab	33	12	28	73	75	55	43	173
Sindh	11	5	11	27	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>89</b>	<b>43</b>	<b>91</b>	<b>223</b>	<b>155</b>	<b>91</b>	<b>83</b>	<b>329</b>

4. **Cumulative Damages of Infrastructure & Private Properties (From 25 Jun 2023 upto 1300 Hours on 21 September 2023):-**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	22	4	2431	1762	4193	697
Khyber Pakhtunkhwa	0	0	465	110	575	285
Punjab	0	0	80	5	85	3
Sindh	0	0	324	18	342	213
Gilgit Baltistan	1.92	1	85	22	107	37
AJ&K*	0	0	373	109	482	25
ICT	0	0	0	0	0	0
<b>TOTAL</b>	<b>23.92</b>	<b>5</b>	<b>3758</b>	<b>2026</b>	<b>5784</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 21 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	70296	0	0	0	0	70296
No of Relief Camps	0	0	329	0	0	0	0	329
Cooked Food	0	0	145157	0	0	0	0	145157

b. **Cumulative State of Rescue Operations (From 25 Jun 2023 up to 1300 Hours on 21 September 2023) by PDMAs/SDMA/GBDMA:-**

Description	Balochistan	KP	Punjab	Sindh	GB	AJ&K	ICT	Total
No of Persons Transported	0	0	314361	0	0	0	0	314361
No of Persons Evacuated/ Rescued	63	0	547379	0	0	0	0	547442
Animals Transported	0	0	310535	0	0	0	0	310535
Boats Deployed	0	0	400	0	0	0	0	400
Live Jackets	20	0	5479	0	0	0	0	5499
Rings	0	0	1045	0	0	0	0	1045
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	196	42	0	4318
Ration Bags	5050	107	0	0	1168	1	0	6326
Blankets	2500	414	0	0	2053	22	0	4989
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	532	0	0	14533
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.

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

BULLETIN No. B-099/23

Dated: - 21<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)	<b>RESERVOIRS LEVEL (FEET) at (0600 PST)</b>	
INDUS	Scattered wind thunderstorm/rain	Scattered wind thunderstorm/rain (Rawalpindi Division)	<b>TARBELA</b>	
JHELUM	-do-	Isolated wind thunderstorm/rain (Sargodha Division)	Current:	1548.47
CHENAB	Isolated wind thunderstorm/rain	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	<b>MANGLA</b>	
SUTLEJ	-do-	-do- (Bahawalpur Division)	Current:	1232.90
			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	121.0	78.7	115-120	Below Low	832.0 (2010)	398.0
	Kalabagh	950	144.3	136.3	No Sig. change	-do-	950.0 (1942)	373.4
	Chashma	950	149.3	144.6	-do-	-do-	1038.9 (2010)	419.7
	Taunsa	1100	137.1	117.4	-do-	-do-	960.0 (2010)	439.9
	Guddu	1200	115.1	91.4	-do-	-do-	1199.7 (1976)	482.9
	Sukkur	1500	90.1	41.0	-do-	-do-	1166.6 (1986)	448.1
	Kotri	875	40.3	20.4	-do-	-do-	980.3 (1956)	258.2
KABUL	Nowshera	-	22.7	22.7	-do-	-do-	391.3 (1990)	100.6
JHELUM	Manjala	1060	16.0	30.9	10-30	-do-	1090.0 (1992)	140.0
	Rasul	850	31.6	11.9	No Sig. change	-do-	952.2 (1992)	37.0
CHENAB	Marala	1100	37.6	7.7	35-40	-do-	1100.0 (1957)	211.0
	Khanki	1100	17.2	9.3	No Sig. change	-do-	1086.5 (1959)	211.5
	Qadirabad	807	32.3	10.8	-do-	-do-	948.5 (1992)	203.7
	Trimmu	645	27.4	14.8	-do-	-do-	944.0 (1928)	125.2
	Punjad	700	29.2	12.0	-do-	-do-	802.5 (1973)	159.5
RAVI	Jassar	275	6.4	6.4	-do-	-do-	680.0 (1955)	71.0
	Shahdara	250	30.7	30.7	-do-	-do-	576.0 (1988)	39.8
	Balloki	225	47.2	19.1	-do-	-do-	389.8 (1988)	74.2
	Sidhnai	150	26.8	8.7	-do-	-do-	330.2 (1988)	58.3
SUTLEJ	G.S. Wala	--	26.8	26.8	-do-	-do-	** **	278.3
	Sulemanki	325	23.2	9.7	-do-	-do-	598.9 (1955)	191.1
	Islam	300	4.5	2.8	-do-	-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

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

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

BULLETIN No. A-099/23

Dated: - 21<sup>st</sup> September, 2023  
Time: - 10:40 hours (PST)

- |  |   |
|--|---|
| <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:**

All the Major Rivers are flowing Below Low Flood level.

**II: METEOROLOGICAL FEATURES:**

- a. Yesterday's trough of westerly wave over Northern parts of Afghanistan today lies over Northeastern parts of Afghanistan.
- b. Yesterday's low Pressure over Southwest Rajasthan has weakened.
- c. Light to moderate moist currents from Arabian Sea are penetrating to central Punjab up to 5000 feet.
- d. Seasonal low lies over Balochistan.

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

Scattered wind thunderstorm/rain of moderate intensity is expected over the upper catchments of Rivers Indus, Kabul & Jhelum along with Islamabad and Peshawar, Kohat, Bannu & Rawalpindi Divisions. Isolated wind thunderstorm/rain of light to moderate intensity is expected over the upper catchments of Rivers Chenab, Ravi & Sutlej along with South Sindh and Sargodha, Gujranwala, Lahore, Faisalabad & Bahawalpur Divisions.

**IV: WEATHER OUTLOOK FOR FURTHER 72-HOURS:**

Scattered wind thunderstorm/rain of moderate intensity is expected over the upper catchments of all the Major Rivers along with Peshawar, Kohat, Bannu, DI Khan, Sargodha, Faisalabad, Sahiwal, Multan & DG Khan Divisions. Scattered wind thunderstorm/rain of moderate intensity with isolated heavy falls is expected over Islamabad along with Rawalpindi, Gujranwala & Lahore Divisions.

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

- Indus:** Sakrand=24, Shaheed Benazirabad=12, Saidu Sharif & Dadu=04(each), Bosak Bridge=01, Arandu Nullah, Darashoot, Bagrote & Padidan=Trace(each).
- Jhelum:** Sara-E-Alamgir=Trace.
- Chenab:** -Nil-
- Ravi:** -do-
- Sutlej:** Bahawalpur (Airport)=09 & Chunian=02.
- Others:** Karachi [Masroor=16, Surjani Town=15, Orange Town=13, Kemari=12, North Karachi=10, Faisal Base=09, Nazimabad=07, Airport=05, Quaidabad=04, University Road=03, Korengi, DHA & Saddar=02(each), Saadi Town=01, Jinnah Terminal=Trace].

(Chaudhary Muhammad Aslam)  
Chief Meteorologist  
FFD Lahore

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Government of Pakistan  
Ministry of Water Resources  
Office of Pakistan Commissioner for Indus Waters  
Khayaban-e- Suhrwardy 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**

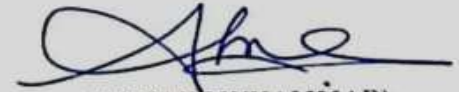
Level in Feet & Discharge in Cusecs

Date	Bhakra Dam (F.R.L)	Level	Inflow	Outflow	Pong Dam (F.R.L)	Level	Inflow	Outflow
19.09.2023	1680	1673.26	30,401	25,159	1390	1388.83	11,165	15,005
20.09.2023	1680	1673.21	24,028	25,000	1390	1388.59	7,913	15,002

The data is being shared for flows information

This issues with the approval of PCIW

Dated: 20<sup>th</sup> September 2023



(ADNAN MUHAMMAD)

Deputy Commissioner for Indus Waters  
Tele: 051-9244674

Data source:-[www.bbmb.gov.in](http://www.bbmb.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, 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. XIEN Irrigation, Marala Headwork.
24. XIEN 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 Incharge, FFD. 46-Jail Road, Lahore.



**National Weather Forecasting Centre**  
Pakistan Meteorological Department



<b>Total Rainfall (mm) last 24 hours on Thursday 21-09-2023 at 0800 PST</b>				
<b>Stations</b>		<b>Rainfall (mm)</b>		
<b>Sindh</b>				
Sakrand		24		
Shaheed Benazirabad		12		
Karachi		(Masroor Base 16, Surjani Town 15, Orangi Town, Kemari 12, North Karachi 10, Faisal Base 09, Nazimabad 07, MOS 05, Quaidabad 04, University Road 03, DHA Phase II, Korangi, Ibrahim Hayderi 02, Saddi Town, Gulshan-e-Hadeed 01 & Jinnah Terminal Trace)		
Sanghar		06		
Dadu		04		
Padidan		Trace		
<b>Punjab</b>				
Bahawalpur		09		
<b>Khyber Pakhtunkhwa</b>				
Saidu Sharif		04		
Khaar Bajaur		02		
Tirah Khyber		Trace		
<b>Gilgit-Baltistan</b>				
Bagrote		Trace		
<b>Kashmir</b>				
NIL				
<b>Balochistan</b>				
NIL				
<b>Maximum Wind Reported</b>				
<b>Station</b>	<b>Wind (kt)</b>	<b>Km/hr</b>	<b>Direction</b>	<b>Time (PST)</b>
NIL				
<b>Maximum Water Level at Nullah Lai (Last 24 Hours)</b>				
<b>Station</b>	<b>Level (Feet)</b>	<b>Time (PST)</b>	<b>Flood Situation</b>	
NIL				