



F.2 (E)/2023-NDMA (MW/SITREP-69)
**Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD**



Dated: 2 September 2023

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 69**

NDMA Monsoon 2023 Daily Situation Report No 69, covering period from 1300 hours 1st September 2023 to 1300 hours 2nd 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-69**(PERIOD COVERED: 1300 HRS-1 SEPTEMBER 2023 TO 1300 HRS- 2 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	
GilgitBaltistan	-	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	
GilgitBaltistan	-	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
GilgitBaltistan	-	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	-	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-

3. **Cumulative Casualties-Deaths / Injuries (From 25 Jun 2023 upto 1300 Hours on 2 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
TOTAL	86	40	88	214	147	88	81	316

4. **Cumulative Damages of Infrastructure & Private Properties (From 25 Jun 2023 upto 1300 Hours on 2 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
TOTAL	23.88	5	3740	2023	5763	1260

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 2 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	62401	0	0	0	0	62401
No of Relief Camps	0	0	330	0	0	0	0	330
Cooked Food	0	0	102797	0	0	0	0	102797

b. **Cumulative State of Rescue Operations (From 25 Jun 2023 up to 1300 Hours on 2 September 2023) by PDMAs/SDMA/GBDMA:-**

Description	Balochistan	KP	Punjab	Sindh	GB	AJ&K	ICT	Total
No of Persons Transported	0	0	305046	0	0	0	0	305046
No of Persons Evacuated/ Rescued	63	0	540731	0	0	0	0	540794
Animals Transported	0	0	310336	0	0	0	0	310336
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, GovtDepts and is subject to change.

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

BULLETIN No. B-080/23

Dated: - 02nd September, 2023
Time: - 10:45 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	
JHELMUM	-do-	-do- (Sargodha Division)	Current: 1550.00	👍
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation: 1550.00	
RAVI	-do-	Isolated wind thunderstorm/rain (Lahore Division)	MANGLA	
SUTLEJ	-do-	Mainly Dry Weather (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	124.0	129.9	120-125	Below Low	832.0 (2010)	398.0
	Kalabagh	950	126.3	118.3	No Sig. change	-do-	950.0 (1942)	373.4
	Chashma	950	131.4	114.0	-do-	-do-	1038.9 (2010)	419.7
	Taunsa	1100	143.8	119.3	-do-	-do-	960.0 (2010)	439.9
	Guddu	1200	280.8	250.6	280-250	Low	1199.7 (1976)	482.9
	Sukkur	1500	262.9	209.0	260-240	-do-	1166.6 (1986)	448.1
	Kotri	875	148.8	107.7	No Sig. change	Below Low	980.3 (1956)	258.2
KABUL	Nowshera	-	23.5	23.5	-do-	-do-	391.3 (1990)	100.6
JHELMUM	Mangla	1060	15.0	14.8	15-25	-do-	1090.0 (1992)	140.0
	Rasul	850	8.1	0.0	No Sig. change	-do-	952.2 (1992)	37.0
CHENAB	Marala	1100	52.9	22.2	45-60	-do-	1100.0 (1957)	211.0
	Khanki	1100	15.8	7.5	No Sig. change	-do-	1086.5 (1959)	211.5
	Qadirabad	807	15.7	0.0	-do-	-do-	948.5 (1992)	203.7
	Trimmu	645	39.6	23.0	-do-	-do-	944.0 (1928)	125.2
	Punjnad	700	102.7	86.1	-do-	-do-	802.5 (1973)	159.5
RAVI	Jassar	275	6.0	6.0	-do-	-do-	680.0 (1955)	71.0
	Shahdara	250	22.9	22.9	-do-	-do-	576.0 (1988)	39.8
	Balloki	225	31.3	8.3	-do-	-do-	389.8 (1988)	74.2
	Sidhnai	150	22.4	4.5	-do-	-do-	330.2 (1988)	58.3
SUTLEJ	G.S. Wala	--	50.5	50.5	43-30	Below Low	** **	278.3
	Sulemanki	325	67.1	53.2	65-50	Low	598.9 (1955)	191.1
	Islam	300	74.3	72.1	74-65	-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

www.fpd.pmd.gov.pk | Email: ffdhr@yahoo.com

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

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

BULLETIN No. A-080/23

Dated: - 02nd September, 2023
Time: - 10:45 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 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 Northeast Afghanistan persists.
- 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:

Scattered wind thunderstorm/rain of moderate intensity is expected over the upper catchments of Rivers Indus & Kabul. Scattered wind 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, Sargodha & Gujranwala Divisions. Isolated wind thunderstorm/rain is also expected over Lahore Division.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

No significant change.

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

Indus:	Mamad Gut=08, Tirah-Khyber & Kalam=01(each), Dir & Khaar-Bajaur=Trace(each).
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.

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: 31st 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 Saturday 02-09-2023 at 0800 PST

Stations		Rainfall (mm)		
Khyber Pakhtunkhwa				
Mamad Gut		08		
Kalam, Khyber (Tirah)		01		
Punjab				
NIL				
Gilgit-Baltistan				
NIL				
Kashmir				
NIL				
Balochistan				
NIL				
Sindh				
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	
NIL				

Annex-D