



F.2 (E)/2023-NDMA (MW/SITREP-87)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority
ISLAMABAD



Dated: **20 September 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 87**

NDMA Monsoon 2023 Daily Situation Report No **87**, covering period from **1300 hours 19th September 2023 to 1300 hours 20th 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-87

(PERIOD COVERED: 1300 HRS-19 SEPTEMBER 2023 TO 1300 HRS-20 SEPTEMBER 2023)

1. **Casualties and Injuries (Last 24 hours)**a. **Deaths.** NTR.b. **Injuries.** Following injures have been reported by PDMA Punjab:-

(1) 2x males, 3x females and 2x children were injured due to roof collapse in District Sheikhpura.

(2) 1x male was injured due to roof collapse in District Gujranwala.

2. **Damage of Infrastructure & Private Properties (Last 24 hours)**a. **Houses Damaged and Livestock Perished.** 3x houses partially damaged reported by PDMA KP, due to heavy rain in District Sheikhpura, Lahore and Gujranwala.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 20 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	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	88	42	90	220	155	91	83	329

4. **Cumulative Damages of Infrastructure & Private Properties (From 25 Jun 2023 upto 1300 Hours on 20 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
TOTAL	23.92	5	3758	2026	5784	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 20 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	70118	0	0	0	0	70118
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 20 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-09823

Dated: - 20th 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	Scattered wind thunderstorm/rain	Scattered wind thunderstorm/rain (Rawalpindi Division)	TARBELA Current: 1548.35 Max. Conservation: 1550.00
JHELUM	-do-	Isolated wind thunderstorm/rain (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA Current: 1233.50 Max Conservation: 1242.00
RAVI	-do-	-do- (Lahore Division)	
SUTLEJ	-do-	Scattered wind thunderstorm/rain (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	123.0	98.2	110-120	Below Low	832.0 (2010)	398.0
	Kalabagh	950	150.7	142.7	No Sig. change	-do-	950.0 (1942)	373.4
	Chashma	950	150.8	144.9	-do-	-do-	1038.9 (2010)	419.7
	Taunsa	1100	137.0	118.2	-do-	-do-	960.0 (2010)	439.9
	Guddu	1200	118.4	93.7	-do-	-do-	1199.7 (1976)	482.9
	Sukkur	1500	93.6	43.4	-do-	-do-	1166.6 (1986)	448.1
	Kotri	875	40.9	20.4	-do-	-do-	980.3 (1956)	258.2
KABUL	Nowshera	-	25.4	25.4	-do-	-do-	391.3 (1990)	100.6
JHELUM	Mangla	1060	16.0	30.9	12-18	-do-	1090.0 (1992)	140.0
	Rasul	850	27.7	8.0	No Sig. change	-do-	952.2 (1992)	37.0
CHENAB	Marala	1100	46.6	16.9	42-47	-do-	1100.0 (1957)	211.0
	Khanki	1100	21.0	13.1	No Sig. change	-do-	1086.5 (1959)	211.5
	Qadirabad	807	38.1	16.1	-do-	-do-	948.5 (1992)	203.7
	Trimmu	645	38.2	25.6	-do-	-do-	944.0 (1928)	125.2
	Punjnad	700	22.5	5.2	-do-	-do-	802.5 (1973)	159.5
RAVI	Jassar	275	8.8	8.8	-do-	-do-	680.0 (1955)	71.0
	Shahdara	250	33.6	33.6	-do-	-do-	576.0 (1988)	39.8
	Balloki	225	44.3	18.0	-do-	-do-	389.8 (1988)	74.2
	Sidhnai	150	26.3	8.7	-do-	-do-	330.2 (1988)	58.3
SUTLEJ	G.S. Wala	--	6.0	6.0	-do-	-do-	** **	278.3
	Sulemanki	325	23.0	10.2	-do-	-do-	598.9 (1955)	191.1
	Islam	300	2.2	0.8	-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

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

BULLETIN No. A-098/23

Dated: - 20th September, 2023
Time: - 10:40 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 (PCWI), Islamabad. 21. Chief Engineer, Mangla/Tarbel/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;**

All the Major Rivers are flowing Below Low Flood level.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of westerly wave over Northern parts of Iran today lies over Northern parts of Afghanistan.
- b. Yesterday's low Pressure over West Rajasthan today lies over Southwest Rajasthan.
- c. Strong moist currents from Arabian Sea are penetrating to lower half of the country up to 7000 feet.
- d. Weak Seasonal low lies over West Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered to widespread wind thunderstorm/rain of moderate to heavy intensity is expected over South Sindh. Scattered wind thunderstorm/rain of moderate intensity is expected over the upper catchments of all the Major Rivers, Islamabad along with Rawalpindi & Bahawalpur Divisions. Isolated wind thunderstorm/rain of light to moderate intensity is expected over rest of Panjab, Eastern Balochistan along with Peshawar, Kohat, Bannu & D.I Khan Divisions.

IV: WEATHER OUTLOOK FOR FURTHER 48-HOURS:

Wet spell over South Sindh is likely to decrease significantly, while a fresh wet spell of moderate rainfall activity is likely to start over the upper half of the country from the evening of 21st September, 2023.

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

- Indus:** Badin=54, Mirpur Khas=38, Mithi & Chhor=15(each), Bagrote=03, Tirah-Khyber, Khanpur & Tando Jam=Trace(each).
- Jhelum:** Dhulli=01, Rawalakot=Trace.
- Chenab:** Gujranwala=01, Multan (Airport)=Trace.
- Ravi:** Lahore [Gulshan e Ravi=136, Johar Town=107, Township=105, , Iqbal Town=94, Taj Pura=80, Luckshami=76, Gulburg=73, Airport=71, Samanabad=62, Mughal Pura=53, Shahi Qilla=48, Upper Mall=45, City=43, Qurtba chock=41, Shahdara=37, Misri Shah=29], Khanewal=24, Ravi Syphon=20, Narowal=13, Kotnaina=05, Faisalabad [Dogar Basti=28, Gulistan Colony=24, Madina Town=22, Allama Iqbal Colony=15, Ghulam Muhammad Abad=13, City=04], T.T. Singh, Sahiwal & Okara=Trace(each).
- Sutlej:** Bahawalnagar=04, Bahawalpur (City & Airport)=01(each), Gojra & Kasur=Trace(each).
- Others:** Tharparker [Diplo=27, Kaloi=21, Ialamkot=11, Dhali & Chachoro=07(each)].

(Chaudhary Muhammad Aslam)
Chief Meteorologist
FFD Lahore

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

Level in Feet & Discharge in Cusecs

Date	Bhakra Dam (F.R.L)	Level	Inflow	Outflow	Pong Dam (F.R.L)	Level	Inflow	Outflow
13.09.2023	1680	1672.61	32,431	35,348	1390	1388.51	18,198	17,312
14.09.2023	1680	1672.66	37,932	36,960	1390	1388.67	17,228	12,502
15.09.2023	1680	1672.77	34,022	31,882	1390	1388.70	13,394	12,508
16.09.2023	1680	1672.89	29,279	26,945	1390	1388.84	16,637	12,502
17.09.2023	1680	1672.98	27,225	25,475	1390	1388.94	15,456	12,502
18.09.2023	1680	1672.99	25,115	24,920	1390	1388.96	14,591	14,001

The data is being shared for flows information

This issues with the approval of PCIW

Dated: 18th September 2023



(ADNAN MUHAMMAD)

Deputy Commissioner for Indus Waters

Tele: 051-9244674

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, 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 Incharge, FFD, 46-Jail Road, Lahore.



Total Rainfall (mm) last 24 hours on Wednesday 20-09-2023 at 0800 PST				
Stations		Rainfall (mm)		
Punjab				
Lahore		(A/P 71 & City 43)		
Khanewal		24		
Narowal		13		
Faisalabad & Bahawalnagar		04		
Bahawalpur		(A/P & City 01)		
Gujranwala		01		
Kasur, Khanpur, Multan (A/P), Sahiwal, Okara & Toba Tek Singh		Trace		
Sindh				
Badin		54		
Mirpur Khas		38		
Tharparkar		(Diplo 27, Kaloi 21, Mithi 15, Islamkot 11, Chachro & Dhali 07)		
Chhor		15		
Tando Jam		Trace		
Gilgit-Baltistan				
Bagrote		03		
Kashmir				
Dhulli		01		
Rawalakot		Trace		
Khyber Pakhtunkhwa				
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	
NIL				