



F.2 (E)/2023-NDMA (MW/SITREP-70)  
**Government of Pakistan  
Prime Minister's Office  
National Disaster Management Authority  
ISLAMABAD**



Dated: **3 September 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 70**

NDMA Monsoon 2023 Daily Situation Report No **70**, covering period from **1300 hours 2<sup>nd</sup> September 2023 to 1300 hours 3<sup>rd</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-70****(PERIOD COVERED: 1300 HRS-2 SEPTEMBER 2023 TO 1300 HRS- 3 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	Kohat	1	0	0	1	Roof collapse
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>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	

**b. Injuries**

Province/ Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	Kohat	4	0	0	4	Roof collapse
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>4</b>	<b>0</b>	<b>0</b>	<b>4</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	Ghizer	3	3	6	0
AJ&K	-	0	0	0	0
Islamabad Capital Territory		0	0	0	0
<b>TOTAL</b>		<b>3</b>	<b>3</b>	<b>6</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*	Skardu	60 m	Partially	Work in progress	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>-</b>	<b>60 m</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

3. **Roads Situation in GB\***. GPDMA has reported that JSR is blocked at 2 x locations **Hanochal & Baramdoor** since last night in District Skardu due to heavy rain / landsliding. DDMA has mobilized machinery for early restoration of roads.

4. **Cumulative Casualties-Deaths / Injuries (From 25 Jun 2023 upto 1300 Hours on 3 September 2023):-**

Province/ Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	8	5	8	<b>21</b>	17	3	7	<b>27</b>
Khyber Pakhtunkhwa	18	9	34	<b>61</b>	40	19	32	<b>91</b>
Punjab	33	12	28	<b>73</b>	72	52	41	<b>165</b>
Sindh	10	4	10	<b>24</b>	5	4	1	<b>10</b>
Gilgit Baltistan	3	3	1	<b>7</b>	2	0	0	<b>2</b>
AJ&K	4	7	7	<b>18</b>	10	10	0	<b>20</b>
Islamabad Capital Territory	11	0	0	<b>11</b>	5	0	0	<b>5</b>
<b>TOTAL</b>	<b>87</b>	<b>40</b>	<b>88</b>	<b>215</b>	<b>151</b>	<b>88</b>	<b>81</b>	<b>320</b>

5. **Cumulative Damages of Infrastructure & Private Properties (From 25 Jun 2023 upto 1300 Hours on 3 September 2023):-**

Province/ Region	Roads (km)	Bridges	Houses			Livestock
			Partial	Full	Total	
Balochistan	22	4	2431	1762	<b>4193</b>	<b>697</b>
Khyber Pakhtunkhwa	0	0	461	110	<b>571</b>	<b>285</b>
Punjab	0	0	77	5	<b>82</b>	<b>3</b>
Sindh	0	0	324	18	<b>342</b>	<b>213</b>
Gilgit Baltistan	1.92	1	85	22	<b>107</b>	<b>37</b>
AJ&K	0	0	365	109	<b>474</b>	<b>25</b>
ICT	0	0	0	0	<b>0</b>	<b>0</b>
<b>TOTAL</b>	<b>23.92</b>	<b>5</b>	<b>3743</b>	<b>2026</b>	<b>5769</b>	<b>1260</b>

6. **Flood Relief Activities (Last 24 hours):-**

- a. Data received from PDMA Punjab have been updated in cumulative summary.
- b. GPDMA has provided the following relief items in District Ghizer and same items have been updated in cumulative summary.
- (1) **2x** Tents
  - (2) **10x** Blankets
  - (3) **2x** Tarpaulin
  - (4) **13x** Ration Bags
- c. **Relief Camps Established**
- d. **Rescue Operations**
- (1) **Employment of Boats.** NTR.
  - (2) **Employment of Aviation Assets.** NTR.
  - (3) **Relief Activities in Last 24 hours.** NTR.

7. **Cumulative Flood Relief Activities(From 25 Jun 2023 upto 1300 Hours on 3 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	64098	0	0	0	0	64098
No of Relief Camps	0	0	330	0	0	0	0	330
Cooked Food	0	0	111345	0	0	0	0	111345

b. **Cumulative State of Rescue Operations (From 25 Jun 2023 up to 1300 Hours on 3 September 2023) by PDMAs/SDMA/GBDMA:-**

Description	Balochistan	KP	Punjab	Sindh	GB	AJ&K	ICT	Total
No of Persons Transported	0	0	308502	0	0	0	0	308502
No of Persons Evacuated/ Rescued	63	0	543504	0	0	0	0	543567
Animals Transported	0	0	310366	0	0	0	0	310366
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	196	42	0	<b>4318</b>
Ration Bags	5050	107	0	0	1168	1	0	<b>6326</b>
Blankets	2500	414	0	0	2053	22	0	<b>4989</b>
Quilts	700	0	0	0	300	39	0	<b>1039</b>
Net Mosquito	34550	108	0	0	0	0	0	<b>34658</b>
Plastic Mats	3300	151	0	0	135	56	0	<b>3642</b>
Mattress	0	83	0	0	160	30	0	<b>273</b>
Sleeping Bags	0	0	0	0	0	2	0	<b>2</b>
Kitchen Sets	2300	260	0	0	192	8	0	<b>2760</b>
Hygiene Kits	0	220	0	0	19	0	0	<b>239</b>
First Aid Kits	50	0	0	0	0	0	0	<b>50</b>
Jerry can	3300	331	0	0	33	0	0	<b>3664</b>
Tarpaulin	13800	201	0	0	532	0	0	<b>14533</b>
Gas Cylinder	2900	1	0	0	0	0	0	<b>2901</b>
Water Cooler	2350	14	0	0	49	0	0	<b>2413</b>

8. **Dams and Reservoirs Level.** - Attached at **Annex A.**
9. **Flood Alert / River Flows.** - Attached at **Annex B.**
10. **Flows / Reservoirs Data Obtained from India.** - Attached at **Annex C.**
11. **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-081/23

Dated: - 03<sup>rd</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-	-do- (Sargodha Division)	Current:	1550.00 
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	Isolated wind thunderstorm/rain (Lahore Division)	<b>MANGLA</b>	
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	137.0	147.7	130-140	Below Low	832.0 (2010)	398.0
	Kalabagh	950	138.8	130.8	No Sig. change	-do-	950.0 (1942)	373.4
	Chashma	950	137.2	119.8	-do-	-do-	1038.9 (2010)	419.7
	Taunsa	1100	114.8	94.2	-do-	-do-	960.0 (2010)	439.9
	Guddu	1200	245.0	213.3	210-240	Low	1199.7 (1976)	482.9
	Sukkur	1500	238.0	184.2	210-235	-do-	1166.6 (1986)	448.1
	Kotri	875	148.8	107.7	No Sig. change	Below Low	980.3 (1956)	258.2
KABUL	Nowshera	-	22.9	22.9	-do-	-do-	391.3 (1990)	100.6
JHELUM	Mangla	1060	16.0	14.3	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	47.7	16.9	40-50	-do-	1100.0 (1957)	211.0
	Khanki	1100	17.6	9.3	No Sig. change	-do-	1086.5 (1959)	211.5
	Qadirabad	807	22.8	2.8	-do-	-do-	948.5 (1992)	203.7
	Trimmu	645	28.8	13.2	-do-	-do-	944.0 (1928)	125.2
	Punjnad	700	89.0	72.4	85-70	-do-	802.5 (1973)	159.5
RAVI	Jassar	275	5.5	5.5	No Sig. change	-do-	680.0 (1955)	71.0
	Shahdara	250	22.9	22.9	-do-	-do-	576.0 (1988)	39.8
	Balloki	225	33.8	10.8	-do-	-do-	389.8 (1988)	74.2
	Sidhnai	150	23.8	5.9	-do-	-do-	330.2 (1988)	58.3
SUTLEJ	G.S. Wala	--	39.0	39.0	25-35	-do-	**	**
	Sulemanki	325	40.4	26.5	40-35	-do-	598.9 (1955)	191.1
	Islam	300	66.6	64.4	65-50	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

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

BULLETIN No. A-081/23

Dated: - 03<sup>rd</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> |
|--|---|

**SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:****I: HYDROLOGICAL SITUATION at 0600 PST:**

River Indus at Guddu & River Sutlej at Islam are in Low flood level.

**II: METEOROLOGICAL FEATURES:**

- a. A Low-pressure area has developed over North Bay of Bengal.
- b. Yesterday's trough of westerly wave over Northeast Afghanistan continues to persist.
- c. Light moist currents from Arabian Sea are penetrating to central and upper parts of the country up to 4000 feet.
- d. 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:** Pashat-Bajaur=45, Kakul=16, Oghi=14, Saidu Sharif=12, Kohat Airbase=10, Astore & Cherat=08(each), Mamad Gut=06, Pattan, Malam Jabba & Buner=04(each), Daggar, Besham & Lower Dir=03(each), Dir, Gilgit & Tirah-Khyber =02(each), Skardu & Bunji=01(each), Kamra (Airbase), Islamabad (New Airport, Zeropoint), Peshawar (Airbase, City, Bacha Khan Airport) Chilas & Risalpur= Trace(each),
- Jhelum:** Haraman=43, Palandri=23, Muzaffarabad (City=18, Airport=11), Domel=10, Islampur=05, Chattar Kallas=04, Dhulli=03, Balakot=02, Sharda=01
- Chenab:** -Nil-
- Ravi:** -do-
- Sutlej:** -do-
- Others:** Khuzdar=10

(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: 31<sup>st</sup> August 2023



(SHAHIDA GUL)

Deputy Commissioner for Indus Waters  
Tele: 051-9253190

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, 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



<b>Total Rainfall (mm) last 24 hours on Sunday 03-09-2023 at 0800 PST</b>				
<b>Stations</b>		<b>Rainfall (mm)</b>		
<b>Khyber Pakhtunkhwa</b>				
<b>Pashat-Bajaur</b>		45		
Saidu Sharif		12		
Cherat, Kakul		08		
Mamad Gut		06		
Malam Jabba, Pattan, Buner		04		
Dir		(Lower 03, Upper 01)		
Balakot, Tirah-Khyber		02		
Bacha Khan A/p, Peshawar		Trace		
<b>Kashmir</b>				
<b>Haraman</b>		43		
Muzaffarabad		(City 18, A/p 11)		
Chattar Kalas		04		
Dhulli		03		
<b>Balochistan</b>				
Khuzdar		10		
<b>Gilgit-Baltistan</b>				
Astore		08		
Gilgit		02		
Bunji, Skardu		01		
Chilas		Trace		
<b>Punjab</b>				
Islamabad		Trace		
<b>Sindh</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				