



F.2 (E)/2023-NDMA (MW/SITREP-58)  
**Government of Pakistan  
Prime Minister's Office  
National Disaster Management Authority  
ISLAMABAD**



Dated: **22 August 2023**

Subject: **NDMA Monsoon 2023 - Daily Situation Report No. 58**

NDMA Monsoon 2023 Daily Situation Report No **58**, covering period from **1300 hours 21<sup>st</sup> August 2023 to 1300 hours 22<sup>nd</sup> August 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 -58**  
**(PERIOD COVERED: 1300 HRS-21 AUGUST 2023 TO 1300 HRS-22 AUGUST 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 22 August 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	16	9	34	<b>59</b>	35	19	32	<b>86</b>
Punjab	32	12	28	<b>72</b>	71	51	41	<b>163</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	6	<b>17</b>	8	5	0	<b>13</b>
Islamabad Capital Territory	11	0	0	<b>11</b>	5	0	0	<b>5</b>
<b>TOTAL</b>	<b>84</b>	<b>40</b>	<b>87</b>	<b>211</b>	<b>143</b>	<b>82</b>	<b>81</b>	<b>306</b>

4. **Cumulative Damages of Infrastructure & Private Properties (From 25 Jun 2023 upto 1300 Hours on 22 August 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	459	105	<b>564</b>	<b>285</b>
Punjab	0	0	77	4	<b>81</b>	<b>3</b>
Sindh	0	0	324	18	<b>342</b>	<b>213</b>
Gilgit Baltistan	1.82	1	82	19	<b>101</b>	<b>37</b>
AJ&K	0	0	361	104	<b>465</b>	<b>21</b>
ICT	0	0	0	0	<b>0</b>	<b>0</b>
<b>TOTAL</b>	<b>23.82</b>	<b>5</b>	<b>3734</b>	<b>2012</b>	<b>5746</b>	<b>1256</b>

5. **Flood Relief Activities (Last 24 hours)**a. **Relief Camps Established**

Province/ Region	Districts	No of Camps	Camp Population
Balochistan			
Khyber Pakhtunkhwa			
Punjab			
Sindh			
Gilgit Baltistan			
AJ&K			
Islamabad Capital Territory			
<b>TOTAL</b>			

**Rescue Operations**

- c. (1) **Employment of Boats.** NTR.
- (2) **Employment of Aviation Assets.** NTR.
- (3) **Relief Activities in Last 24 hours.** NTR.

Province/ Region	District	Tents	Ration (Tons)	Blankets	Mosquito Nets	Plastic Mats	Sleeping Bags
Balochistan							
Khyber Pakhtunkhwa							
Punjab							
Sindh							
Gilgit Baltistan							
AJ&K							
Islamabad Capital Territory							
<b>TOTAL</b>							

6. **Cumulative Flood Relief Activities(From 25 Jun 2023 upto 1300 Hours on 22 August 2023): -**a. **Cumulative State of Relief Camps Established**

Province/ Region	Districts	No of Camps	Camp Population
Balochistan			
Khyber Pakhtunkhwa			
Punjab			
Sindh			
Gilgit Baltistan			
AJ&K			
Islamabad Capital Territory			
<b>TOTAL</b>			

b. **Cumulative State of Rescue Operations (From 25 Jun 2023 up to 1300 Hours on 22 August 2023): -**

- (1) **Employment of Boats.** NTR.  
 (2) **Employment of Aviation Activates.** NTR.  
 (3) **Relief Activities**

Province/ Region	District	Tents	Ration (Tons)	Blankets	Mosquito Nets	Plastic Mats	Sleeping Bags
Balochistan	NTR						
Khyber Pakhtunkhwa							
Punjab							
Sindh							
Gilgit Baltistan							
AJ&K							
Islamabad Capital Territory							
<b>TOTAL</b>							

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 PDMA's / 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-069/23

Dated: - 22<sup>nd</sup> August, 2023  
 Time: - 11:05 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)	<b>TARBELA</b>	
JHELMUM	-do-	Isolated wind thunderstorm/rain (Sargodha Division)	Current:	<b>1549.30</b>
			Max. Conservation:	<b>1550.00</b>
CHENAB	-do-	Scattered wind thunderstorm/rain (Gujranwala Division)	<b>MANGLA</b>	
RAVI	-do-	Isolated wind thunderstorm/rain (Lahore Division)	Current:	<b>1241.90</b>
			Max Conservation:	<b>1242.00</b>
SUTLEJ	-do-	Mainly Dry Weather (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	215.0	251.6	215-225	Below Low	832.0 (2010)	283.0
	Kalabagh	950	205.9	197.9	190-205	-do-	950.0 (1942)	373.4
	Chashma	950	256.1	234.9	210-255	Low	1038.9 (2010)	419.7
	Taunsa	1100	212.3	193.3	No Sig.change	Below Low	960.0 (2010)	439.9
	Guddu	1200	255.4	225.9	250-260	Low	1199.7 (1976)	482.9
	Sukkur	1500	210.2	155.9	No Sig.change	Below Low	1166.6 (1986)	448.1
	Kotri	875	154.0	113.1	-do-	-do-	980.3 (1956)	258.2
KABUL	Nowshera	-	39.7	39.7	-do-	-do-	391.3 (1990)	100.6
JHELMUM	Mangla	1060	21.0	22.3	20-30	-do-	1090.0 (1992)	140.0
	Rasul	850	18.7	15.8	No Sig.change	-do-	952.2 (1992)	37.0
CHENAB	Marala	1100	77.2	49.0	70-90	-do-	1100.0 (1957)	211.0
	Khanki	1100	47.6	39.3	No Sig.change	-do-	1086.5 (1959)	211.5
	Qadirabad	807	38.9	28.9	-do-	-do-	948.5 (1992)	203.7
	Trimmu	645	57.8	47.2	-do-	-do-	944.0 (1928)	125.2
	Punjnad	700	77.3	61.1	-do-	-do-	802.5 (1973)	159.5
RAVI	Jassar	275	12.6	12.6	12-20	-do-	680.0 (1955)	71.0
	Shahdara	250	27.4	27.4	No Sig.change	-do-	576.0 (1988)	39.8
	Balloki	225	37.1	29.1	-do-	-do-	389.8 (1988)	74.2
	Sidhnai	150	34.8	16.9	30-34	Low	330.2 (1988)	58.3
SUTLEJ	G.S. Wala	--	129.9	129.9	110-130	High	**	**
	Sulemanki	325	191.1	191.1	170 F 130	-do-	598.9 (1955)	191.1
	Islam	300	48.0	46.4	50-90	Medium	492.6 (1955)	66.6

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.ffd.pmd.gov.pk | Email: ffdhr@yahoo.com

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



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



BULLETIN No. A-069/23

Dated: - 22<sup>nd</sup> August, 2023  
Time: - 11:05 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:**

River Sutlej at Sulemanki is in **Very High flood** level and falling while at Ganda Singh Wala is in High flood level and also falling. River Indus at Tarbela & Guddu is in low flood level.

Sharp peaks of Medium to High level floods may occur during 23<sup>rd</sup> to 25<sup>th</sup> August 2023, in River Jhelum at Mangla(upstream).

**WARNING:** According to latest Hydro-meteorological conditions, River Sutlej at Islam is likely to attain, Medium to High flood level during next 24-48 hours.

**II: METEOROLOGICAL FEATURES:**

- a. Yesterday's trough of westerly wave over Northeast Iran, today lies over Northern parts of Afghanistan.
- b. Yesterday's low-pressure area over central Madhya Pradesh (India) has become insignificant for the country.
- c. Light to moderate moist currents from Arabian Sea are penetrating to upper parts of the country up to 5000 feet.
- d. Seasonal low lies over Northeast Balochistan.

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

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

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

Scattered to widespread wind thunderstorm/rain of moderate intensity with isolated heavy falls is expected over the upper catchments of all the Major Rivers along with Islamabad and Rawalpindi, Gujranwala, Sargodha & Lahore Divisions. Scattered wind thunderstorm/rain of moderate intensity with isolated heavy falls is expected over Peshawar, Kohat, Bannu, D.I. Khan & Sargodha Divisions.

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

Indus: Lower Dir=31, Islamabad (zero point), Khaar-Bajaur, Malam Jabba & Dir=01(each).  
Jhelum: Kotli & Kallar=05(each), Bandi Abbaspur=01.  
Chenab: Sialkot (Cantt) = Trace.  
Ravi: Lahore (Airport)=Trace.  
Sutlej: -Nil-  
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 ALERT**  
**FLOOD SEASON 2023**  
**ADVANCE FLOOD FLOWS INFORMATION FROM INDIA**

Office of Indian Commissioner for Indus Waters has initiated that the following sites have entered into the flood regime

Date	Time of Observation (IST)	Time of information from India to Pakistan (PST)	Sites	Reported Flow (Cusecs)	Flood Regime	Information conveyed by Telephone to FFD Lahore shift incharge PCIW flood cell
22-08-2023	0800 hrs	0810 hrs	Sutlej River below Harike Headworks	160,000*	Medium Flood	0812 hrs
22-08-2023	0800 hrs	0810 hrs	Sutlej River below Ferozpur Headworks	150,000*	Medium Flood	0812 hrs

\*Falling Trend

Dated: 22<sup>nd</sup> August 2023

(SHAHIDA GUL)

Deputy Commissioner for Indus Waters

Tele: 051-9253190

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 In charge, FFD. 46-Jail Road, Lahore.





**National Weather Forecasting Centre**  
Pakistan Meteorological Department



**Total Rainfall (mm) last 24 hours on Tuesday 22-08-2023 at 0800 PST**

Stations		Rainfall (mm)		
<b>Khyber Pakhtunkhwa</b>				
Dir		(Lower 31 & Upper 01)		
Malam Jabba & Khaar-Bajaur		01		
<b>Punjab</b>				
Sialkot (AP) & Lahore (AP)		Trace		
<b>Kashmir</b>				
NIL				
<b>Sindh</b>				
NIL				
<b>Gilgit-Baltistan</b>				
NIL				
<b>Balochistan</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				