

**MOST IMMEDIATE / BY FAX**



F.2 (E)/2024-NDMA (MW/SITREP-59)  
**Government of Pakistan**  
**Prime Minister's Office**  
**National Disaster Management Authority (HQ)**  
Main Murree Road Near ITP Office, Islamabad



Dated: **28 August 2024**

Subject: **NDMA - Monsoon 2024 Daily Situation Report No. 59**

NDMA Monsoon 2024 Daily Situation Report No **59**, covering period from **1300 hours 27 August to 1300 hours 28 August 2024** is enclosed for information / necessary action, please.

**(Hammad Sadiq Rana)**  
**(Director (Response))**  
Tel No: 051-9030924  
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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  
Chief Secretaries, Provincial Governments, GB and AJ&K  
Director Generals, PDMA's, 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  
Engineer Directorate (Arms Branch), 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  
Directorate General, Inter-Services Intelligence (ISI), Islamabad  
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 2024 DAILY SITUATION REPORT NO - 59****(PERIOD COVERED: 1300 HOURS 27 AUGUST 2024 TO 1300 HOURS 28 AUGUST 2024)****1. Casualties and Injuries (Last 24 hours)****a. Deaths**

Province / Region	District	Deaths				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	-
KP	Karak	0	0	1	1	Drowning
Punjab	Rajanpur	0	0	1	2	Sky Lightning
	Kot Addu	0	1	0		Structural Collapse (Roof Collapsed)
Sindh	-	0	0	0	0	-
Gilgit Baltistan	-	0	0	0	0	-
AJ&K	-	0	0	0	0	-
ICT	-	0	0	0	0	-
<b>Total</b>		<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	

**b. Injuries**

Province / Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	-
KP	-	0	0	0	0	-
Punjab	Muzaffargarh	0	2	0	7	Structural Collapse (Roof Collapsed)
	Kot Addu	0	2	1		
	Kasur	0	0	1		
	Sahiwal	0	1	0		
Sindh	Thatta	6	1	0	7	Structural Collapse (House Collapsed)
Gilgit Baltistan	-	0	0	0	0	-
AJ&K	-	0	0	0	0	-
ICT	-	0	0	0	0	-
<b>Total</b>		<b>6</b>	<b>6</b>	<b>2</b>	<b>14</b>	

**2. Damage of Infrastructure & Private Properties (Last 24 hours)****a. Houses Damage and Livestock Perished**

Province / Region	District	House Damage			Livestock
		Partial	Full	Total	
Balochistan	-	0	0	0	0
KP	Upper Kohitan	2	1	3	4
Punjab	Muzaffargarh	1	0	4	0
	Kot Addu	2	0		0
	Sahiwal	1	0		0
Sindh	Thatta	0	60	60	0
Gilgit Baltistan	-	0	0	0	0
AJ&K	-	0	0	0	0
ICT	-	0	0	0	0
<b>Total</b>		<b>6</b>	<b>61</b>	<b>67</b>	<b>4</b>

b. **Roads, Bridges and Other Infrastructure Damaged in Last 24 hours:-**

Province / Region	District	Roads / Tracks			Bride				
		Length of road damage (Kms)	Nature/ extent of damage (fully/ partially washed away/ water over flow)	Traffic situation (Alternate route/ diversion available)	Number of bridge	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	-	-	-	-	-	-	-	-	-
Gilgit Baltistan	-	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-	-	-

3. **Cumulative Casualties - Deaths / Injuries (From 1300 Hours 1 July 2024 to 1300 Hours 28 August 2024):-**

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan*	10	1	13	24	1	1	11	13
KP	25	15	35	75	39	29	60	128
Punjab	31	17	46	94	84	68	86	238
Sindh	15	9	23	47	33	13	19	65
Gilgit Baltistan	1	0	3	4	0	0	1	1
AJ&K	1	0	5	6	8	3	5	16
ICT	0	0	0	0	0	0	0	0
<b>Total</b>	<b>83</b>	<b>42</b>	<b>125</b>	<b>250</b>	<b>165</b>	<b>114</b>	<b>182</b>	<b>461</b>

\*PDMA Balochistan has reconciled its deaths figures and added 2x Children's death and the same has been reflected in NDMA's SITREP.

4. **Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 28 August 2024):-**

Province / Region	Roads (Kms)	Bridges	House Damage			Livestock
			Partial	Full	Total	
Balochistan	43	7	428	145	573	131
KP*	0	6	691	255	946	146
Punjab	0	0	156	100	256	44
Sindh^	0	0	2263	581	2844	299
Gilgit Baltistan	1.5	14	109	65	174	80
AJ&K	0.233	4	69	27	96	4
ICT	0	0	0	0	0	0
<b>Total</b>	<b>44.733</b>	<b>31</b>	<b>3716</b>	<b>1173</b>	<b>4889</b>	<b>704</b>

\***PDMA KP** has reconciled its figures and added 33x Partially House damage and 14x Fully House is damage and the same has been reflected in NDMA's SITREP.

^**PDMA SINDH** has reconciled its figures and added 28x Livestock Perished and the same has been reflected in NDMA's SITREP.

5. **Road Situations.** NTR.

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

Province/ Region	Tents	Ration Bags	Blankets	Quilts	Net Mosquito	Plastic Mats	Mattress	Sleeping Bags/Mats	Kitchen Sets	Hygiene Kits	First Aid Kits	Jerry can	Tarpaulin	Gas Cylinder	Water Cooler	Gabions	Sand bags
Balochistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Punjab	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sindh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gilgit Baltistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AJ&K	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ICT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

a. **Relief Camps Established.** NTR.

b. **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 1300 Hours 1 July 2024 to 1300 Hours 28 August 2024):-**

a. **Cumulative State of Relief Camps Established by PDMAs/SDMA/GBDMA:-**

Description	Balochi stan	KP	Punjab	Sindh	Gilgit Baltista n	AJ&K	ICT	Total
No of Medical Camp	2	0	42	1	0	0	0	45
No of Persons Treated	1012	0	3041	0	0	0	0	4053
No of Relief Camps	0	0	40	102	0	0	0	142
No of Person in Relief Camp	0	0	49	2627	0	0	0	2676
Cooked Food	0	0	600	0	0	0	0	600

b. **Cumulative State of Rescue Operations (From 1300 Hours 1 July 2024 To 1300 Hours 28 August 2024) by PDMAs/SDMA/GBDMA:-**

Description	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
No of Persons Transported	0	0	4481	1500	0	0	0	5981
No of Persons Evacuated /	737	0	0	1561	0	0	0	2298

Description	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
Rescued								
Animals Transported	0	0	955	0	0	0	0	955
Animal Vaccinated	0	0	51957	5453940	0	0	0	5505897
Boats Deployed	0	0	68	0	0	0	0	68
De-Watering Pumps	0	0	55	81	0	0	0	136
Life Jackets	0	0	509	0	0	0	0	509

- (1) **Employment of Boats.** NTR.
- (2) **Employment of Aviation Activates.** NTR.
- (3) **Cumulative Relief Activities by PDMAs/SDMA/GBDMA (From 1300 Hours 1 July 2024 to 1300 Hours 28 August 2024):-**

Ser	Relief Items	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
(a)	Tents	70	413	1862	26757	195	21	0	29318
(b)	Ration Bags	50	51	0	0	522	0	0	623
(c)	Blankets	12	1079	0	0	373	0	0	1464
(d)	Quilts	0	0	0	0	5	0	0	5
(e)	Net Mosquito	0	180	0	98750	0	0	0	98930
(f)	Plastic Mats	80	793	0	26050	124	0	0	27047
(g)	Mattress	0	34	0	12300	0	0	0	12334
(h)	Sleeping Bags	0	45	0	12900	82	0	0	13027
(i)	Kitchen Sets	0	453	0	0	104	0	0	557
(j)	Hygiene Kits	700	137	0	8000	37	0	0	8874
(k)	First Aid Kits	0	0	0	0	0	0	0	0
(l)	Jerry can	80	0	0	25750	0	0	0	25830
(m)	Tarpaulin	70	161	0	0	56	0	0	287
(n)	Gabions	0	0	0	0	245	0	0	245
(o)	Sand Bags	0	0	0	0	900	0	0	900
(p)	Gas Cylinder	73	17	0	0	0	0	0	90
(q)	Water Cooler	0	17	0	0	13	0	0	30

8. **Dams and Reservoirs Level** - Attached at **Annex A.**
9. **Flood Alert / River Flows** - Attached at **Annex B.**
10. **Flood / Base Flow Data Obtained from India.** - Attached at **Annex C.**
11. **Rainfall Recorded During Last 24 Hours (0800-0800 hours each day).** Attached at **Annex D.**
12. **FFD Discharge Report Recorded at 28 August 2024 12:00 PST.** Attached at **Annex E.**

**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-075/24

Dated: - 28<sup>th</sup> August, 2024  
Time: - 11:20 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 thunderstorm rain	Scattered 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-	-do- (Lahore Division)	Live Storage	100.00%
SUTLEJ	-do-	Widespread thunderstorm rain (Bahawalpur Division)	<b>MANGLA</b>	
			Current:	1217.50
			Max Conservation:	1242.00
			Live Storage	74.58%

**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 2024
INDUS	Tarbela	1500	175.0	256.3	160-180	Below Low	832.0 (2010)	350.0
	Kalabagh	950	235.9	230.0	230-250	-do-	950.0 (1942)	401.7
	Chashma	950	213.0	192.2	No Sig. change	-do-	1038.9 (2010)	432.7
	Taunsa	1100	179.0	163.5	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	278.0	278.0	240-270	Low	1199.7 (1976)	431.3
	Sukkur	1500	311.5	307.5	280-310	Medium to Low	1166.6 (1986)	401.1
	Kotri	875	322.5	320.8	325-335	Medium	980.3 (1956)	322.5
KABUL	Nowshera	-	35.4	35.4	35-50	Below Low	391.3 (1990)	114.2
JHELUM	Manqla	1060	35.0	8.0	20-40	-do-	1090.0 (1992)	114.6
	Rasul	850	15.1	11.9	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	61.4	32.9	60-70	-do-	1100.0 (1957)	178.8
	Khanki	1100	45.6	37.6	No Sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	36.7	18.7	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	34.4	23.2	-do-	-do-	944.0 (1928)	96.3
	Punfnad	700	54.7	49.7	-do-	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	7.1	7.1	3-10	-do-	680.0 (1955)	40.4
	Shahdara	250	15.4	15.4	No Sig. change	-do-	576.0 (1988)	28.0
	Baloki	225	40.5	19.7	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	21.2	14.2	-do-	-do-	330.2 (1988)	32.8
SUTLEJ	G.S. Wala	--	0.4	0.4	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	17.1	11.6	-do-	-do-	598.9 (1955)	46.2
	Islam	300	7.5	7.5	-do-	-do-	492.6 (1955)	12.5

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)

--sd/--  
(Shahid Abbas)  
Chief Meteorologist  
FFD Lahore

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

BULLETIN No. A-075/24

Dated: 28<sup>th</sup> August, 2024  
Time: 11:20 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. Secretary, Climate change, Islamabad.</li> <li>12. Chairman NHA, Islamabad.</li> <li>13. Chief Secretary (All Provinces).</li> </ol> | <ol style="list-style-type: none"> <li>14. PDMA'S (D.G's All Provinces &amp; AJK).</li> <li>15. Chairman, Federal Flood Commission, Islamabad.</li> <li>16. Chairman, Indus River System Authority, Islamabad.</li> <li>17. Chairman, PCRWR, Islamabad.</li> <li>18. The Secretary General, Red Crescent, Islamabad.</li> <li>19. Secretary, Irrigation Department, (All Provinces).</li> <li>20. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi.</li> <li>21. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.</li> <li>22. Chief Engineer, Mangla/Tarbela/Chashma.</li> <li>23. Chief Engineer, Irrigation (All Provinces).</li> <li>24. Chief Engineer, (All Barrages).</li> <li>25. Chief Engineer, C.D.O. (Muzaffarabad).</li> <li>26. All other concerned.</li> </ol> |
|---|--|

**SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:**

**I: HYDROLOGICAL SITUATION at 0600 PST:**

River Indus at Kotri is at **Medium** flood level, while at Tarbela, Guddu and Sukkur, it is at Low flood level.

**Warning: (up to 31<sup>st</sup> August):**

**FLASH FLOODING** is expected in the areas along Kirthar ranges (Jacobabad, Qambar Shahdadkot, Dadu and Jamshoro districts) and Sulaiman ranges (DG Khan and Rajanpur districts) including nullahs in Balochistan (Zhob, Loralai, Sibbi, Nasirabad and Kalat divisions). Urban flooding is expected in Metropolitan cities of Sindh.

**II: METEOROLOGICAL FEATURES:**

- a) Yesterday's **DEEP DEPRESSION** over north Gujarat today lies over northwest Gujarat (India) and adjoining southeast Sindh.
- b) Yesterday's trough of westerly wave over northeast Afghanistan today lies over northern parts of the country.
- c) Light to moderate moist currents from Bay of Bengal are penetrating the upper catchments of all the major rivers. While **STRONG MOIST CURRENTS** are penetrating from both sources into south Sindh and adjoining areas up to 10,000 feet.
- d) Yesterday's Low pressure area over Jharkhand has weakened into trough.
- e) Seasonal Low lies over northwest Balochistan.

**III: WEATHER FORECAST FOR 72-HOURS:**

Scattered thunderstorm rain of moderate intensity with isolated heavy falls is expected over the upper catchments of all the major rivers along with Islamabad, Khyber Pakhtunkhwa, Rawalpindi, Sargodha, Gujranwala, Lahore, Faisalabad and Sahiwal divisions.

**Warning:** Widespread thunderstorm rain of **HEAVY TO VERY HEAVY** intensity with isolated **EXTREMELY HEAVY** falls may occur over **Sindh (all divisions) and Balochistan (Zhob, Loralai, Sibbi, Nasirabad, Kalat and Makran divisions) and south Punjab (DG Khan, Multan and Bahawalpur divisions).**

**IV: WEATHER Outlook During up to 31<sup>st</sup> August:**

Wet spell over lower half of the country, with same intensity is likely to continue up to 31<sup>st</sup> August. However, monsoon activity is likely to decrease over upper half of the country from 30<sup>th</sup> August.

**V: RIVERS CATCHMENTS RAINFALL RECORDED > 02 (MM) DURING LAST 24-HRS (UPTO 0800 PST):**

Indus:	Mithi=71, Khanpur=48, Badin=46, Thatta=43, Bhakkar & Layyah(Karor)=35(each), Mianwali(Airbase)=32, Bhanda Wala=28, Tando Jam & Parachinar=26(each), D.I.Khan [City & Airport=25(each)], Chhor & Sakrand=23(each), Murree=21, Mirpur Khas=20, Hyderabad [City & Airport=20(each)], Islamabad [Chaklala (Airbase)=18, New Airport & Shamsabad=13(each), Zeropoint & Saidpur=11(each), Bokra=10, Golra=09], D.G Khan(Airport=18, Fort Munro=17, Vehova=09), Shaheed Benazirabad=18, Daggar & Shinkiar=15(each), Phulra=14, Oghi=11, Kohat Airbase=08, Kamra (Airbase)=05, Bosak Bidge=04, Rahim Yar Khan, Tarbela, Attock & Pattan=03(each).
Jhelum:	Palandri=74, Chakwal=45, Muzaffarabad (Airport=40 & City=18), Domel=30, Kallar=24, Rawalakot=17, Mandibahauddin=16, Joharabad=12, Jhelum=11, Chakothi=10, Sargodha (Airbase=08 & Sargodha City=04), Chattar Kallas & Dhulli=09, Mangla & Kotli=08(each), Garhi Dopatta=06, Sharda=05, Bandi Abbaspur & Baba Shah Jalal=04(each).
Chenab:	Multan (Changi No.09=235, Kirri Jamandan=190, Shujaabad=116, Airport=109, City=87), Shorkot (Airbase)=58, Kot Addu=42, Jhang=15, Barnala=11, Noorpur Thal=09, Hafizabad=08, Gujranwala=03.
Ravi:	Khanewal=48, Sahiwal=33, Okara=24, T.T. Singh=21, Faisalabad (City=20, Madina Town=19, Dogar Basti=17, Gulistan Colony=14, Allama Iqbal Colony & Gulam Muhammad Abad=11(each), Sheikhpura=09, Lahore [Airport=08, Jail Road=07, Gulburg=05, Shahdana=04, Luckshami, Miski Shah & Mughal Pura=03(each)].
Sutlej:	Bahawalnagar=44, Bahawalpur (City=30, Airport=26), Kasur=24.
Others:	Karachi [Gulshan-e-Hadeed=62, Bin Qasim=44, Surjani Town=19, University Road=17, Kemari=15, DHA & Jinnah Terminal =13(each), Faisal Base & Airport=12(each), Qaidabad=11, Gadap Town, Saddar, & Gulshan-e-Maymar=10(each), Nazimabad & North Karachi=08(each), Orangi Town=05].

--sd/--

**(Shahid Abbas)**  
Chief Meteorologist  
FFD Lahore

www.ffd.pmd.gov.pk | Email: ffdlhr@yahoo.com

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

**By Fax**

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 SEASON 2024**  
**WEEKLY FLOOD/BASE FLOW DATA**  
**DATA AT (0600 HRS IST) REGARDING EASTERN RIVERS OBTAINED FROM INTERNET**

Name of Dam	Full Reservoir Level (feet)	Live Storage Capacity at FRL (MAF)	Current Live Storage (MAF)	Current Reservoir Level (Feet)	Storage (%)	Storage last year (%)
i. Bhakra Dam on River Sutlej	1680	5.050	<u>2.899</u> 22.08.2024	1633.54	57	85
ii. Pong Dam on River Beas	1390	4.991	<u>2.998</u> 22.08.2024	1359.25	60	96
iii. Thein Dam on River Ravi	1732	1.900	<u>0.563</u> 22.08.2024	1645.36	30	75

The data is being shared for flows information,  
Dated: 23<sup>rd</sup> Aug 2024



(ADNAN MUMAHAMMAD)  
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, GilgitBaltistan, 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. Director General (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. XFN Irrigation, Marala Headwork.
24. XFN Irrigation, Kasur.
25. Director, Irrigation Department, Government of the Punjab, Lahore.
26. Chief Meteorologist, F.F.D. 46-Jail Road, Lahore.
27. Office Incharge, F.W.C. 46-Jail Road, Lahore.





Total Rainfall (mm) last 24 hours on Wednesday 28-08-2024 at 0800 PST	
Stations	Rainfall (mm)
<b>Punjab</b>	
Multan	(A/P 109 & City 87) Wasa rain Gauges (Chungi (# 09) 177, Kerri Jammandan 137, Old Shujabad Road 93)
Khanewal & Khanpur	48
Chakwal	45
Bahawalnagar	44
Kot Addu	42
Bhakkar & Karor (Layyah)	35
Sahiwal	33
Bahawalpur	(City 30 A/P 26)
Rajanpur	(Bandu Wala 28)
Kasur & Okara	24
Murree & Toba Tek Singh	21
Faisalabad	20
Rawalpindi	(Chaklala 18, Shamsabad, Kacheri 13)
Dera Ghazi Khan	(Fort Munro 17, Vehova 09 & City 05)
Mandi Bahauddin	16
Jhang	15
Islamabad	(A/P 13, City, Saidpur 11, Bokra 10 & Golra 09)
Joharabad	12
Jhelum	11
Noorpur Thal & Sheikhpura	09
Lahore	(A/P 08, City 06) Wasa rain Gauges (Head Office Wasa 05, Farrukhabad 04, Lakshmi Chowk, Mughalpura, Chowk Nakhuda 03, Upper Mall, Nishter Town, Qurtaba Chowk 02, Tajpura 01, Iqbal Town, Samanabad & Johar Town Trace)
Hafizabad & Mangla	08
Sargodha	04
Attock, Gujranwala & Rahim Yar Khan	03
Sialkot (A/P) & Narowal	Trace
<b>Sindh</b>	
Tharparkar	(Mithi 71, Dhali 45, Nagarparkar 31, Kaloi 23, Islamkot 19, Chachro 20 & Diplo 18)
Karachi	(Gulshan-e-Hadeed 62, Bin Qasim 44, Quaid Abad 29, Surjani 19, University Road 17, Korangi 18, Kemari 15, DHA, Jinnah Terminal 13, MOS, Faisal Base 12, Gadap, Saddar, Gulshan-e- Maymar, Masroor Base 10, North Karachi, Nazimabad 08 & Orangi 05)
Badin	46
Thatta	43
Sanghar	28
Tando Jam	26
Mirpur Khas	24
Sakrand & Chhor	23
Hyderabad	(City & A/P 20)
Shaheed Benazirabad	18
Khairpur	02
Mohenjo Dharo & Padidan	01
Larkana, Rohri, Dadu, Sukkur & Jacobabad	Trace
<b>Kashmir</b>	
Muzaffarabad	(A/P 40 & City 18)
Rawalakot	17



Barnala	11			
Chakothe	10			
Chattar Kalas, Dhulli	09			
Kotli	08			
Garhidupatta	06			
Bandi Abbaspur	04			
Deolian	01			
Panjera	Trace			
<b>Khyber-Pakhtunkhwa</b>				
Parachinar	26			
Dera Ismail Khan	(A/P & City 25)			
Balakot	08			
Landi Kotal	07			
Pattan	03			
Cherat	01			
Buner	Trace			
<b>Balochistan</b>				
Quetta	(Sheikhmanda 04)			
Pishin & Chaman	01			
<b>Gilgit-Baltistan</b>				
Astore, Bagrote, Gilgit & Gupis	02			
Hunza	01			
Bunji, Chillas & Skardu	Trace			
<b>Maximum Wind Reported</b>				
<b>Station</b>	<b>Wind (kt)</b>	<b>Km/hr</b>	<b>Direction</b>	<b>Time (PST)</b>
Multan (A/P)	35	65	NE	1535
Lahore (A/P)	30	56	E	1705
Lahore (City)	18	33	SE	0025
<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>	
Kattarian	05	0800	Normal	
Gawalmandi	04	0800	Normal	



# FFD Discharge Report

Recorded at: 28-Aug-2024 12:00 PST

River	Site	Inflow		Outflow	
Indus	Tarbela	175,000	→	155,400	NORMAL
	Kalabagh	241,205	↗	236,305	NORMAL
	Chashma	213,248	↗	189,996	NORMAL
	Taunsa	179,032	→	163,532	NORMAL
	Guddu	261,115	↘	261,115	LOW
	Sukkur	311,470	→	307,470	LOW
	Kotri	322,451	→	320,801	MEDIUM
Kabul	Nowshera	34,200	↘	34,200	NORMAL
Jhelum	Mangla	30,000	↘	8,000	NORMAL
	Rasul	3,162	↘	0	NORMAL
Chenab	Marala	50,718	↘	22,218	NORMAL
	Khanki	45,376	↘	37,639	NORMAL
	Q.Abad	32,794	↘	14,794	NORMAL
	Trimmu	31,626	↘	20,426	NORMAL
	Panjnad	54,117	↘	49,717	NORMAL
Ravi	Jassar	16,700	↗	16,700	NORMAL
	Shahdara	15,353	→	15,353	NORMAL
	Balloki	40,485	→	19,685	NORMAL
	Sidhnai	22,031	↗	15,531	NORMAL
Sutlej	GS Wala	1,014	↗	1,014	NORMAL
	Sulemanki	17,052	→	11,642	NORMAL
	Islam	7,452	→	7,452	NORMAL

DAM	Current Level	Max Level	Dead Level
Tarbela Dam	1549.70 (-0.3)	1550	1402
Mangla Dam	1217.65 (+0.15)	1242	1050

Generated By DFO @ Flood Forecasting Division, Lahore. +92-42-99200139