

MOST IMMEDIATE / BY FAX



F.2 (E)/2024-NDMA (MW/SITREP-61)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority (HQ)
Main Murree Road Near ITP Office, Islamabad



Dated: **30 August 2024**

Subject: **NDMA - Monsoon 2024 Daily Situation Report No. 61**

NDMA Monsoon 2024 Daily Situation Report No **61**, covering period from **1300 hours 29 August to 1300 hours 30 August 2024** is enclosed for information / necessary action, please.

(Hammad Sadiq Rana)
(Director (Response))
Tel No: 051-9030924
Fax No: 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
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 - 61**(PERIOD COVERED: 1300 HOURS 29 AUGUST 2024 TO 1300 HOURS 30 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	-
	-	0	0	0	0	-
KP	Upper Dir	1	3	8	12	Flash Flood
Punjab	Vehari	0	0	1	5	Electric Shock
	Okara	0	1	2		Structural Collapse (Roof Collapsed)
	Sargodha	1	0	0		
Sindh	Tando Allahyar	1	0	0	1	Structural Collapse (Roof Collapsed)
Gilgit Baltistan	-	0	0	0	0	-
AJ&K	Neelum	1	0	0	2	Drowning
	Bhimber	1	0	0		
ICT	-	0	0	0	0	-
Total		5	4	11	20	

b. Injuries

Province / Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	-
KP	Shangla	0	0	1	1	Structural Collapse (House Collapsed)
Punjab	Bahawalnagar	0	1	2	24	Structural Collapse (Roof Collapsed)
	Faisalabad	0	2	0		
	Gujranwala	1	0	0		
	Okara	0	1	3		
	Pakpattan	4	0	0		
	Sahiwal	0	2	2		
	Sargodha	5	1	0		
Sindh	Multan	4	3	1	8	Structural Collapse (Wall/ Roof Collapsed)
	Mirpurkhas	2	1	2	13	Structural Collapse (Roof Collapsed)
	Tando Allayar	8	0	0		
Gilgit Baltistan	-	0	0	0	0	-
AJ&K	-	0	0	0	0	-
ICT	-	0	0	0	0	-
		24	11	11	46	

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 Dir	0	1	2	0
	Shangla	1	0		0
Punjab	Bahawalnagar	2	0	11	0
	Faisalabad	1	0		0
	Gujranwala	1	0		0
	Multan	4	0		0

Province / Region	District	House Damage			Livestock
		Partial	Full	Total	
	Okara	1	0		0
	Sahiwal	1	0		0
	Sargodha	1	0		0
Sindh	Mirpurkhas	5	2	24	2
	Tando Allahyar	17	0		37
	Sukkur	0	0		0
Gilgit Baltistan	-	0	0	0	0
AJ&K	Sudhnoti	5	1	8	0
	Neelum	2	0		6
ICT	-	0	0	0	0
Total		41	4	45	45

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*	Upper Dir	-	-	-	6	-	-	Washed away by flash flood	-
Punjab	-	-	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-	-	-
Gilgit Baltistan^	Skardu	60 mtrs	Partially	-	-	-	-	-	-
	Gilgit	20 mtrs	Partially	-	-	-	-	-	-
AJ&K	Mirpur	30 mtrs	Partially	Diversion available	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
Total		110 mtrs	-	-	6	-	-	-	-

*PDMA KP make in type of bridges will be included once received from concern authorities.

^PDMA GBDMA.

- On dated 29th August 2024, JSR got blocked at **Tiriko, Chamachu and Shangus, District Skardu** due to mudflow and landslide. Road has been cleared for traffic.
- On dated 29th August 2024, KKH got blocked for all type of traffic at **Paribangla** due to landsliding. Road has been cleared for traffic.

3. **Cumulative Casualties - Deaths / Injuries (From 1300 Hours 1 July 2024 to 1300 Hours 30 August 2024):-**

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan*	11	1	17	29	3	1	11	15
KP	26	19	43	88	39	29	61	129
Punjab	34	18	54	106	104	82	95	281
Sindh^	16	9	25	50	47	18	22	87

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Gilgit Baltistan	1	0	3	4	0	0	1	1
AJ&K	3	0	5	8	8	3	5	16
ICT	0	0	0	0	0	0	0	0
Total	91	47	147	285	201	133	195	529

***PDMA Balochitan** the figures of injures has been reconciled with PDMA Balochitan and 1x male injury has been added in Cumulative figures.

^**PDMA SINDH**, The Deputy Commissioner Kamber Shahdadkot has increased 5x injured cases: 2x males & 3x females.

4. **Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 30 August 2024):-**

Province / Region	Roads (Kms)	Bridges	House Damage			Livestock
			Partial	Full	Total	
Balochistan	43	7	14012	873	14885	373
KP	0	12	696	257	953	147
Punjab	0	0	174	100	274	89
Sindh^	0	0	2517	603	3120	361
Gilgit Baltistan	1.62	14	109	65	174	80
AJ&K*	0.263	4	83	25	108	10
ICT	0	0	0	0	0	0
Total	44.883	37	17591	1923	19514	1060

^**PDMA SINDH** has reconciled its figures and added 6x Livestock Perished and the same has been reflected in NDMA's SITREP.

***SDMA** has reconciled its figures and added 1x Partially House damage and 1x Fully House damage 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	100	0	0	0	2000	0	0	0	0	0	0	0	1000	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
Total	100	0	0	0	2000	0	0	0	0	0	0	0	1000	0	0	0	0

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**

8. **30 August 2024):-**

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

Description	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
No of Medical Camp	2	0	42	61	0	0	0	105
No of Persons Treated	3908	0	3041	0	0	0	0	6949
No of Relief Camps	0	0	40	163	0	0	0	203
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 30 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 / Rescued	737	0	0	1561	0	0	0	2298
Animals Transported	0	0	955	0	0	0	0	955
Animal Vaccinated	0	0	51957	5788293	0	0	0	5840250
Boats Deployed	0	0	68	6	0	0	0	74
De-Watering Pumps	0	0	55	22	0	0	0	77
Life Jackets	0	0	509	200	0	0	0	709

- (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 30 August 2024):-**

Ser	Relief Items	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
(a)	Tents	70	413	1862	26957	195	21	0	29518
(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	105750	0	0	0	105930
(f)	Plastic Mats	80	793	0	26050	124	0	0	27047

Ser	Relief Items	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
(g)	Mattress	0	34	0	12300	0	0	0	12334
(h)	Sleeping Bags	0	45	0	13150	82	0	0	13277
(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	26050	0	0	0	26130
(m)	Tarpaulin	70	161	0	1000	56	0	0	1287
(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

!The Formula Not In Table

9. **Dams and Reservoirs Level** - Attached at **Annex A.**
10. **Flood Alert / River Flows** - Attached at **Annex B.**
11. **Flood / Base Flow Data Obtained from India.** - Attached at **Annex C.**
12. **Rainfall Recorded During Last 24 Hours (0800-0800 hours each day).** Attached at **Annex D.**
13. **FFD Discharge Report Recorded at 30 August 2024 12:00 PST.** Attached at **Annex E.**

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-077/24

Dated: - 30th 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)	TARBELA Current: 1550.00 Max. Conservation: 1550.00 Live Storage 100.00% MANGLA Current: 1219.10 Max Conservation: 1242.00 Live Storage 76.10%
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	-do- (Lahore Division)	
SUTLEJ	-do-	-do- (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 2024
INDUS	Tarbela	1500	190.0	155.5	180-200	Below Low	832.0 (2010)	350.0
	Kalabagh	950	204.9	201.3	220-250	-do-	950.0 (1942)	401.7
	Chashma	950	247.6	224.9	240-250	-do-	1038.9 (2010)	432.7
	Taunsa	1100	216.3	199.3	220-255	Low	960.0 (2010)	442.2
	Guddu	1200	193.0	188.0	180-195	Below Low	1199.7 (1976)	431.3
	Sukkur	1500	231.9	226.3	200-230	Low	1166.6 (1986)	401.1
	Kotri	875	334.3	333.0	335-340	Medium	980.3 (1956)	334.3
KABUL	Nowshera	-	32.0	32.0	30-50	Below Low	391.3 (1990)	114.2
JHELUM	Manla	1060	176.0	8.0	30-60	-do-	1090.0 (1992)	176.0
	Rasul	850	5.7	5.3	10-30	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	51.5	22.2	50-80	-do-	1100.0 (1957)	178.8
	Khanki	1100	36.6	29.6	No Sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	26.5	8.5	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	30.5	19.3	-do-	-do-	944.0 (1928)	96.3
	Punfnad	700	55.5	50.3	-do-	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	7.1	7.1	7-20	-do-	680.0 (1955)	40.4
	Shahdara	250	19.5	19.5	No Sig. change	-do-	576.0 (1988)	28.0
	Balloki	225	50.6	28.9	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	26.7	21.2	-do-	-do-	330.2 (1988)	32.8
SUTLEJ	G.S. Wala	--	0.4	0.4	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	15.7	10.5	-do-	-do-	598.9 (1955)	46.2
	Islam	300	5.9	5.0	-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-077/24

Dated: 30th August, 2024
Time: 11:20 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. Secretary, Climate change, Islamabad. 12. Chairman NHA, Islamabad. 13. Chief Secretary (All Provinces). | <ol style="list-style-type: none"> 14. PDMA'S (D.G's All Provinces & AJK). 15. Chairman, Federal Flood Commission, Islamabad. 16. Chairman, Indus River System Authority, Islamabad. 17. Chairman, PCRWR, Islamabad. 18. The Secretary General, Red Crescent, Islamabad. 19. Secretary, Irrigation Department, (All Provinces). 20. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi. 21. Pakistan Commissioner for Indus Waters (PCIW), Islamabad. 22. Chief Engineer, Mangla/Tarbela/Chashma. 23. Chief Engineer, Irrigation (All Provinces). 24. Chief Engineer, (All Barrages). 25. Chief Engineer, C.D.O. (Muzaffarabad). 26. All other concerned. |
|---|--|

SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:

I: HYDROLOGICAL SITUATION at 0600 PST:

River Indus at Kotri is in **Medium** flood level, while at Sukkur, it is in Low flood level.

Warning: (up to 31st 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 (Zhub, Loralai, Sibbi, Nasirabad and Kalat divisions). Urban flooding is expected in Metropolitan cities of Sindh.

II: METEOROLOGICAL FEATURES:

- a) Yesterday's **DEEP DEPRESSION** over northwest Gujarat (India) and adjoining southeast Sindh has moved southwestwards and today lies northeast Arabian Sea approx. 120 km south of Thatta. The trough associated with the deep depression extends up to north Punjab.
- b) Yesterday's trough of westerly wave continues to persist 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) Another Monsoon Low pressure area has developed over southeast Odisha.
- e) Weak Seasonal Low lies over northwest Balochistan.

III: WEATHER FORECAST FOR 24-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, Sahiwal, Multan, Bahawalpur, Sukkur and Mirpur Khas divisions.

Warning: Widespread thunderstorm rain of **HEAVY TO VERY HEAVY** intensity with isolated **EXTREMELY HEAVY** falls may occur over **Karachi, Hyderabad, Larkana, Shaheed Benazirabad, Zhob, Loralai, Sibbi, Nasirabad, Kalat, Makran and DG Khan divisions.**

IV: WEATHER Outlook For Next 48-HOURS:

Wet spell is likely to decrease after 24 hours in Sindh and South Punjab. However, monsoon activity is likely to continue over south Balochistan for further 24 hours.

V: RIVERS CATCHMENTS RAINFALL RECORDED >05 (MM) DURING LAST 24-HRS (UPTO 0800 PST):

Indus:	Kakul=66, Thatta=63, Islamabad(Zeropoint=54, Shamsabad=48, Saidpur=42, Chaklala (Airbase) & Golra=38(each), New Airport=29, Chaklala (Katcher)=19, Bokra=16), Phulra=54, Shinkliari=46, Oghi=43, Hyderabad(City=54 & Airport=34), Rahim Yar Khan=34, Dir=33, Tando Jam=32, Hunza=30, Astore=28, Badin=24, Mithi=22, Jacobabad=20, Murree=19, Skardu, Darashoot & Arandu Nullah=16(each), Shishi Darosh=15, Khawagoobo Bridge=13, Attock=12, Sakrand & Mirkhani=10(each), Bunji & Kamra (Airbase)=09(each), Dadu & Partab Bridge=08(each), Shaheed Benazirabad, Khanpur, Parachinar & Drosh=07(each).
Jhelum:	Mangla=147, Domel=140, Mandibahauddin=98, Muzaffarabad (Airport=80 & City=69), Jhelum=76, Balakot=45, Palandri=37, Kotli=34, Bandi Abbaspur=33, Sargodha (City=31 & Airbase=30), Rawalakot=28, Garhi Dopatta & Chakothi=26(each), Chattar Kallas & Kallar=24(each), Dhulli=20, Chakwal=12, Sharda=06.
Chenab:	Hafizabad=78, Multan (Chungi No.09=63, Shuja Abad=51, Kirri Jamandan=29, Airport=16 & City=15), Sialkot (Airport=48 & Cantt=33), Gujrat=35, Gujranwala (Liqat Bagh=104, Model Town=92, Peoples Colony=57, Sheranwala Bagh=45, City=30), Marala=11, Jhang=04.
Ravi:	Faisalabad (Gulam Muhammad Abad=87, City=64, Madina Town=57, Gulistan Colony=48, Allama Iqbal Colony=42, Dogar Basti=36), T.T. Singh=39, Lahore (Township=34, Airport=32, Shahdara=24, Jail Road=23, Iqbal Town & Gulshan-e-Ravi & Shahi Qilla=20(each), Qurtba chowk=19, Upper Mall & Luckshami=18(each), Misri Shah=16, Gulburg=15, Samanabad=13, Johar Town=07).
Sutlej:	Kasur=22.
Others:	Loralai=58, Karachi (Gulshan-e-Hadeed=35, Surjani Town=30, Airport=29, Quaidabad=25, Korangi & Jinnah Terminal=16(each), University Road=15, Faisal Base=13, Gadap Town=12, Kemari=10, Gulshan-e-Maymar=09(each), North Karachi & DHA=08(each), Nazimabad=07, Orangi Town & Masroor=06(each)), Ziarat=28, Sibbi=26, Khuzdar=17, Muslim Bagh=06.

--sd/--

(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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

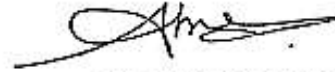
Chief Meteorologist: 04299200208 & Duty Officer 24/7 hrs: 04299200139, 04299205367-70 and Fax: 04299200209 & 5367

Government of Pakistan
Ministry of Water Resources
Office of Pakistan Commissioner for Indus Waters
Suharwardy Road, (Wapda Building), G-7/1, Islamabad.

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>3.040</u> 29.08.2024	1638.01	60	86
ii.	Pong Dam on River Beas	1390	4.991	<u>3.051</u> 29.08.2024	1360.37	61	93
iii.	Thein Dam on River Ravi	1732	1.900	<u>0.523</u> 29.08.2024	1643.55	28	75

The data is being shared for flows information,
Dated: 30th Aug 2024



(ADNAN MUMAHAMMAD)
Deputy Commissioner for Indus Waters
Tele: 051-9244674

Data source: www.bhmb.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, 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/CFPC, 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. 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 Friday 30-08-2024 at 0800 PST

Stations	Rainfall (mm)
Punjab	
Mangla	147
Mandi Bahauddin	98
Hafizabad	78
Jhelum	76
Faisalabad	City 64 Wasa Rain Gauges (GMA Water Works 16, Gulistan Colony 08, Allama Iqbal Colony 03)
Islamabad	(City 53, Saidpur 42, Golra 38, A/P 29 & Bokra 16)
Sialkot	(A/P 48 & City 33)
Rawalpindi	(Shamsabad 48, Chaklala 38 & Katcheri 09)
Toba Tek Singh	39
Gujrat	35
Rahim Yar Khan	34
Lahore	(A/P 32 & City 20) Wasa Rain Gauges (Nishter Town 34, Farrukhabad 24, Gulshan-e-Ravi, Iqbal Town, Shahi Qila 20, Qurtaba Chowk 19, Lakshmi Chowk, upper Mall 18, Chowk Nakhuda 16, Wasa Head Office 15, Samanabad 13, Johar Town 07, Mughalpura 05, Tajpura 04)
Sargodha	31
Gujranwala	City 30 Wasa Rain Gauges (Liaqat Bagh 104, Model Town 92, Peoples Colony 57 & Sheran Wala Bagh 45)
Narowal	24
Kasur	22
Sheikhupura	20
Murree	19
Multan	(A/P 16 & City 15) Wasa Rain Gauges (Chungi # 09 63, Kerri Jammandan 51, Old Shujabad 29)
Attock, Chakwal	12
Khanpur	07
Jhang	04
Sahiwal	03
Dera Ghazi Khan	(Fort Munro 03, City 01)
Joharabad & Okara	01
Bahawalpur (A/P) & Khanewal	Trace
Sindh	
Karachi	(Surjani 128, Gulshan-e-Hadeed 46, Nazimabad 45, Kemari 42, Faisal Base 38, Korangi 36, University Road, North Karachi 33, Quaidabad 30, MOS 29, Gulshan-e-Maymar, Masroor Base 26, Jinnah Terminal 25, Orangi 19, Gadap 12, DHA 11)
Thatta	63
Hyderabad	(City 52 & A/P 34)
Tando Jam	32
Badin	24
Tharparkar	(Mithi 22, Kaloi 21, Chachro 13, Dhali 08, Islam Kot, Nagarparkar 07 & Diplo 06)
Jacobabad	20
Sakrand	10
Dadu	08
Shaheed Benazirabad	07
Padidan	05
Mirpurkhas & Mohenjodaro	03
Chhor & Larkana	01



Sukkur		Trace		
Kashmir				
Muzaffarabad		(A/P 80 & City 69)		
Kotli		34		
Bandi Abbaspur		33		
Rawalakot		28		
Garhidupatta		26		
Chakothe		25		
Chattar Kalas		24		
Dhulli		20		
Barnala		05		
Deolian		01		
Haraman, Panjera & Tandali		Trace		
Khyber-Pakhtunkhwa				
Kakul		66		
Balakot		45		
Dir		(Upper 33)		
Mirkhani		10		
Drosh & Parachinar		07		
Cherat		05		
Malamjabba		04		
Pattan		03		
Bannu, Kalam & Saidu Sharif		02		
Chitral		01		
Takht Bai, Bacha Khan (A/P), Buner & Peshawar (A/P)		Trace		
Gilgit-Baltistan				
Hunza		30		
Astore		28		
Skardu		16		
Bunji		09		
Chillas		05		
Gilgit		03		
Bagrote		01		
Balochistan				
Sibbi		26		
Khuzdar		17		
Lasbella		05		
Kalat, Pishin		01		
Quetta, Loralai, Ziarat		Trace		
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Lahore (A/P)	28	52	NE	1605
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
Kattarian	6.5	0800	Normal	
Gawalmandi	4.5	0800	Normal	



FFD Discharge Report

Recorded at: 30-Aug-2024 12:00 PST

River	Site	Inflow		Outflow	
Indus	Tarbela	195,000	↗	249,200	NORMAL
	Kalabagh	240,066	↗	236,426	NORMAL
	Chashma	240,850	↘	218,150	NORMAL
	Taunsa	226,117	↗	210,117	NORMAL
	Guddu	191,464	↘	187,953	NORMAL
	Sukkur	217,950	↘	210,550	LOW
	Kotri	336,868	↗	335,618	MEDIUM
Kabul	Nowshera	30,600	↘	30,600	NORMAL
Jhelum	Mangla	134,000	↘	8,000	NORMAL
	Rasul	23,972	↗	23,610	NORMAL
Chenab	Marala	56,471	↗	27,571	NORMAL
	Khanki	38,490	↗	31,733	NORMAL
	Q.Abad	28,924	↗	10,924	NORMAL
	Trimmu	29,170	↘	17,970	NORMAL
	Panjnad	55,528	→	50,328	NORMAL
Ravi	Jassar	4,999	↘	4,999	NORMAL
	Shahdara	19,496	→	19,496	NORMAL
	Balloki	50,620	→	28,920	NORMAL
	Sidhnai	29,336	↗	23,836	NORMAL
Sutlej	GS Wala	360	→	360	NORMAL
	Sulemanki	15,707	→	10,501	NORMAL
	Islam	4,940	↘	3,940	NORMAL

DAM	Current Level	Max Level	Dead Level
Tarbela Dam	1549.78 (-0.22)	1550	1402
Mangla Dam	1219.75 (+0.65)	1242	1050

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