

MOST IMMEDIATE / BY FAX



F.2 (E)/2024-NDMA (MW/SITREP-47)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority (HQ)
Main Murree Road Near ITP Office, Islamabad



Dated: **16 August 2024**

Subject: **NDMA - Monsoon 2024 Daily Situation Report No. 47**

NDMA Monsoon 2024 Daily Situation Report No **47**, covering period from **1300 hours 15 August to 1300 hours 16 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 - 47**(PERIOD COVERED: 1300 HOURS 15 AUGUST 2024 TO 1300 HOURS 16 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	Khyber	1	0	0	2	Flash flood
	Upper Kohistan	0	0	1		
Punjab	-	0	0	0	0	
Sindh	-	0	0	0	0	
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
ICT	-	0	0	0	0	
Total		1	0	1	2	

b. Injuries

Province / Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	-	0	0	0	0	
Punjab	Bakhar	1	0	0	1	Structure collapse (Roof collapse)
Sindh	-	0	0	0	0	
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
ICT	-	0	0	0	0	
Total		1	0	0	1	

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	Khyber	3	1	8	0
	Upper Kohistan	4	0		0
Punjab	Bakkhar	1	0	1	0
Sindh	-	0	0	0	0
Gilgit Baltistan	Astore	1	0	1	0
AJ&K	Bhimber	1	4	5	0
CT	-	0	0	0	0
Total		10	5	15	0

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

Province / Region	District	Roads / Tracks			Bridge				
		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	Astore	20 m	Partially	-	1	Suspension	20 m	-	-
	Diamer	20 m		-	-	-	-	-	-
AJ&K	Bhimber	30 m	Partially	-	1	Culvert	7 m	Partially	-
ICT	-	-	-	-	-	-	-	-	-
Total	-	70 m	-	-	2	-	-	-	-

3. **Cumulative Casualties - Deaths / Injuries (From 1300 Hours 1 July 2024 to 1300 Hours 16 August 2024):-**

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	7	0	6	13	0	1	7	8
KP	23	12	29	64	37	27	47	111
Punjab	17	14	34	65	60	51	63	174
Sindh	10	4	17	31	4	3	6	13
Gilgit Baltistan	1	0	3	4	0	0	1	1
AJ&K	0	0	5	5	8	3	5	16
ICT	0	0	0	0	0	0	0	0
Total	58	30	94	182	109	85	129	323

4. **Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 16 August 2024):-**

Province / Region	Roads (Kms)	Bridges	House Damage			Livestock
			Partial	Full	Total	
Balochistan	31	6	243	122	365	75
KP	0	6	551	212	763	139
Punjab	0	0	123	100	223	39
Sindh	0	0	495	222	717	36
Gilgit Baltistan	1.280	14	78	54	132	50
AJ&K	0.233	4	51	22	73	3
ICT	0	0	0	0	0	10
Total	32.513	30	1541	732	2273	352

5. **Road Situations – GBDMA:-**

- a. On 15th Aug 2024 at 1600 hours, a high-level flood occurred in the Bakht Nala stream between Rupal Bala and Rupal Pain Astore, due to which the road leading to Base camp has been blocked in District Astore. Old Suspension Bridge connecting Fina with Astore has been inundated in flood Debris.
- b. On 15th Aug 2024, flash flood and sliding occurred at Lal Pari, District Diamer which blocked KKH for traffic.

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	2	0	8	0	0	8	0	0	0	0	0	0	4	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	2	0	8	0	0	8	0	0	0	0	0	0	4	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 16 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	1	0	0	0	45
No of Persons Treated	950	0	3041	0	0	0	0	3991
No of Relief Camps	0	0	40	1	0	0	0	41
No of Person in Relief Camp	0	0	49	0	0	0	0	49
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 16 August 2024) by PDMAs/SDMA/GBDMA:-**

Description	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
No of Persons Transported	0	0	2518	1500	0	0	0	4018
No of Persons Evacuated / Rescued	281	0	0	1524	0	0	0	1805
Animals Transported	0	0	921	0	0	0	0	921
Animal Vaccinated	0	0	42946	0	0	0	0	42946
Boats Deployed	0	0	68	0	0	0	0	68
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 16 August 2024):-**

Ser	Relief Items	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
(a)	Tents	0	45	1862	300	106	9	0	2322
(b)	Ration Bags	0	51	0	0	260	0	0	311
(c)	Blankets	0	57	0	0	333	0	0	390
(d)	Quilts	0	0	0	0	5	0	0	5
(e)	Net Mosquito	0	0	0	800	0	0	0	800
(f)	Plastic Mats	0	44	0	0	104	0	0	148
(g)	Mattress	0	34	0	0	0	0	0	34
(h)	Sleeping Bags	0	0	0	0	30	0	0	30
(i)	Kitchen Sets	0	26	0	0	52	0	0	78
(j)	Hygiene Kits	0	0	0	0	30	0	0	30
(k)	First Aid Kits	0	0	0	0	0	0	0	0
(l)	Jerry can	0	0	0	100	0	0	0	100
(m)	Tarpaulin	0	0	0	0	56	0	0	56
(n)	Gabions	0	0	0	0	80	0	0	80
(o)	Sand Bags	0	0	0	0	500	0	0	500
(p)	Gas Cylinder	0	17	0	0	0	0	0	17
(q)	Water Cooler	0	17	0	0	0	0	0	17

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 16 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-063/24

Dated: - 16th 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	Widespread thunderstorm rain (Rawalpindi Division)	TARBELA Current: 1549.00 Max. Conservation: 1550.00 Live Storage 98.9% MANGLA Current: 1212.30 Max Conservation: 1242.00 Live Storage 69.6%
JHELUM	-do-	Scattered thunderstorm rain (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	-do- (Lahore Division)	
SUTLEJ	-do-	Widespread 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 2024
INDUS	Tarbela	1500	313.0	281.3	290-310	Low	832.0 (2010)	350.0
	Kalabagh	950	317.8	309.8	320-340	-do-	950.0 (1942)	401.7
	Chashma	950	313.2	299.5	310-340	-do-	1038.9 (2010)	432.7
	Taunsa	1100	352.0	324.5	340-355	-do-	960.0 (2010)	442.2
	Guddu	1200	391.9	385.6	390-410	Medium	1199.7 (1976)	431.3
	Sukkur	1500	380.9	350.0	340-380	-do-	1166.6 (1906)	393.0
	Kotri	875	201.9	162.6	200-210	Low	980.3 (1956)	201.9
KABUL	Nowshera	-	61.3	61.3	60-80	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	30.0	10.0	30-60	Below Low	1090.0 (1992)	114.6
	Rasul	850	12.8	8.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	87.5	69.7	70-100	-do-	1100.0 (1957)	178.8
	Khanki	1100	159.5	151.4	70-90	-do-	1086.5 (1959)	177.1
	Qadirabad	807	163.2	145.2	170 F 100	Medium to Low	948.5 (1992)	163.2
	Trimmu	645	76.0	62.6	No Sig. change	Below Low	944.0 (1928)	78.8
	Punjinad	700	55.1	42.2	-do-	-do-	802.5 (1973)	55.1
RAVI	Jassar	275	37.8	37.8	40-55	Low	680.0 (1955)	37.8
	Shahdara	250	13.3	13.3	30-45	-do-	576.0 (1988)	24.8
	Balloki	225	41.3	12.8	40-65	-do-	389.8 (1988)	53.1
	Sidhnai	150	27.4	13.7	No Sig. change	Below Low	330.2 (1988)	32.3
SUTLEJ	G.S. Wala	--	0.4	0.4	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	18.7	7.5	-do-	-do-	598.9 (1955)	46.2
	Islam	300	6.3	5.0	-do-	-do-	492.6 (1955)	10.6

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)

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

www.fpd.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**

Dated: 16th August, 2024
Time: 11:20 hours (PST)

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).

14. PDMA'S (D.G's All Provinces & A.J.K).
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 (PCW), 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 Guddu, Sukkur and River Chenab at Khanki are at **Medium** flood level, while River Indus at Tarbela, Kalabagh, Chashma, Taunsa and River Kabul at Nowshera are at Low flood level.

During 16th to 18th August:

Alert: Medium to High level flash flooding are expected hill torrents in DG Khan division and Nullahs in Sibbi, Nasirabad, Zhob and Kalat divisions. Light to moderate flash flood is also expected in Larkana and Hyderabad (Dadu and Naushahro Feroze Districts) Divisions.

II: METEOROLOGICAL FEATURES:

- a) Yesterday's trough of Strong Westerly Wave over Northeastern parts of Iran today lies over Northern parts of Afghanistan.
- b) Yesterday's upper air cyclonic circulation over Northeast Rajasthan today lies over Northwest Rajasthan and adjoining Pakistan.
- c) Moderate to strong moist currents are penetrating the most parts of the country from the Arabian Sea, while light to moderate currents are coming from the Bay of Bengal up to 5,000 feet.
- d) Southwest wind speed divergence lies over East Sindh, Rajasthan and southeast wind speed divergence over Indian Punjab, while directional convergence lies over south Punjab and adjoining Sindh.
- e) Seasonal Low lies over northeast Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered Thunderstorm rain of moderate intensity with Isolated **HEAVY** falls is expected over the upper catchments of all the major rivers and Khyber Pakhtunkhwa, along with Sargodha, Gujranwala, Lahore, Faisalabad, Sahiwal and Multan divisions. Widespread thunderstorm rain of moderate intensity with isolated heavy falls is expected over Islamabad & Sindh along with Rawalpindi, DG Khan, Bahawalpur, Zhob, Nasirabad, Sibbi and Kalat divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Wet spell is likely to continue.

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

Indus:	Islamabad [Saidpur=64, Golra=30, PMD Headquarters=11, New Airport=04, Shamsabad & Bokra=02(each), Chaklala (Airbase & Katcheri)=01(each)], Bhakkar=64, D.I.Khan (City=60 & Airport=14), Tarbela=51, Malam Jabba=35, Shinkari=34, Layyah (Kror) & Daggar=33(each), Mianwali (Airbase)=32, Kohat Airbase=30, Astore=20, Kakul & Attock=18(each), Kamra (Airbase)=16, Bosak Bridge=14, Peshawar (City)=13, Bacha Khan Airport=04, Airbases=01), Oghi, Bagrote & Jacobabad=12(each), Larkana & Bannu=10(each), Khaar-Bajaur & Phulra=09(each), Murree=06, Tanda Dam=05, Saidu Sharif=04, Dir=03, Ghulamai, Mardan, Takht Bai, Skardu, Pushat-Bajaur & Kurram Garhi=02(each), Barkhan, Buner, Risalpur, Cherat, Lower Dir & Warsak Dam=01(each), Kabul, Bunji, Chilas, Mamad Gut, Moin-Jo-Daro, Chakdara & Gilgit=Trace(each), Mangla=55, Garhi Dopatta=49, Muzaffarabad (Airport=31 & City=07), Dome1=28, Jhelum & Balakot=13(each), Chattr Kallas=08, Joharabad=07, Kallar & Chakwal=05(each), Rawalakot & Dhilli=04(each), Sargodha (Airbase=01 & City=Trace), Bandi Abbaspur, Mandibahauddin & Chakothei=01(each), Kotli & Tandali=Trace(each).
Jhelum:	Shorkot (Airbase)=22, Gujranwala [Liqat Bagh=15, Sheranwala Bagh=05, Model Town=04, Peoples Colony=02, City=01], Marala=02, Kot Addu=Trace.
Ravi:	Khanewal=39, Faisalabad [Madina Town=26, Gulistan Colony=10, Dogar Basti=09], Narowal=21, Okara=13, T.T. Singh=04.
Sutlej:	Bahawalpur (City)=Trace.
Others:	Loralai=16, Sibbi=13, Khuzdar=06, Muslim Bagh=03, Zhob=02, Karachi [Airport & Gulshan e Hadeed=02(each), Faisal Base, University Road, Masroor & Jinnah Terminal=01(each), North Karachi=Trace], Ziarat=Trace.

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

By Fax

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>2.344</u> 08.08.2024	1615.37	46	80
ii. Pong Dam on River Beas	1390	4.991	<u>2.776</u> 08.08.2024	1335.76	56	75
iii. Thein Dam on River Ravi	1732	1.900	<u>0.365</u> 08.08.2024	1625.44	19	84

The data is being shared for flows information,
Dated: 9th Aug 2024



(ADNAN MUMAHAMMAD)
Deputy Commissioner for Indus Waters
Tel: 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, 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. 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 16-08-2024 at 0800 PST	
Stations	Rainfall (mm)
Punjab	
Islamabad	(Saidpur 64, Golra 30, ZP 11, AP 04 & Bokra 02)
Bhakkar	64
Khanewal	39
Layyah	33
Narowal	21
Attock	18
Jhelum & Okara	13
Joharabad	07
Murree	06
Chakwal	05
Toba Tek Singh	04
Rawalpindi	(Shamsabad 02, Chaklala AP & Kacheri 01)
Mangla	02
Mandi Bahauddin & Gujranwala	01
Sargodha, Kot Addu & Bahawalpur City	Trace
Khyber-Pakhtunkhwa	
DI Khan	(City 60 & AP 14)
Malam Jabba	35
Kakul	18
Balakot	13
Bannu	10
Saidu Sharif, Bacha Khan Airport & Peshawar Airport	04
Dir	(Upper 03 & Lower 01)
Mardan & Ghalanai	02
Cherat & Buner	01
Peshawar City	Trace
Kashmir	
Garhidupatta	49
Muzaffarabad	(AP 31 & City 07)
Chattar Kalas	08
Rawalakot & Dhulli	04
Bandi Abbaspur & Chakothe	01
Kotli	Trace
Gilgit-Baltistan	
Astore	20
Bagrote	12
Skardu	02
Gilgit, Chillas & Bunji	Trace
Balochistan	
Loralai	16
Sibbi	13
Khuzdar	06
Muslim Bagh	03
Zhob	02
Bar Khan	01
Sindh	
Jacobabad	12
Larkana	10
Karachi	(Gulshan-e-Hadeed, MOS 02, Jinnah Terminal, Faisal Base, Masroor Base, University Road 01 & North Karachi Trace)
Mohenjo Daro	Trace



Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Layyah	30	56	N	2045
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
Kattarian	7.5	1320	Normal	



FFD Discharge Report

Recorded at: 16-Aug-2024 12:00 PST

River	Site	Inflow		Outflow	
Indus	Tarbela	290,000	↘	281,300	LOW
	Kalabagh	339,974	↗	332,234	LOW
	Chashma	333,061	↗	319,611	LOW
	Taunsa	367,762	↗	343,262	LOW
	Guddu	390,397	↘	385,621	MEDIUM
	Sukkur	380,310	↘	353,010	MEDIUM
	Kotri	201,915	→	162,560	NORMAL
Kabul	Nowshera	64,500	↗	64,500	LOW
Jhelum	Mangla	30,000	→	10,000	NORMAL
	Rasul	4,580	↘	0	NORMAL
	Marala	96,028	→	77,948	NORMAL
Chenab	Khanki	99,630	→	91,516	NORMAL
	Q.Abad	163,219	→	145,219	LOW
	Trimmu	72,458	↘	59,008	NORMAL
	Panjnad	56,371	↗	43,781	NORMAL
	Jassar	40,440	↘	40,440	NORMAL
Ravi	Shahdara	15,353	↗	15,353	NORMAL
	Balloki	39,105	↘	10,455	NORMAL
	Sidhnai	26,778	↘	14,978	NORMAL
Sutlej	GS Wala	360	→	360	NORMAL
	Sulemanki	18,672	→	7,450	NORMAL
	Islam	6,278	→	5,028	NORMAL

DAM	Current Level		Max Level	Dead Level
Tarbela Dam	1549.15	(+0.06)	1550	1402
Mangla Dam	1212.45	(+0.15)	1242	1050