MOST IMMEDIATE / BY FAX



F.2 (E)/2024-NDMA (MW/SITREP-50) Government of Pakistan Prime Minister's Office National Disaster Management Authority (HQ) Main Murree Road Near ITP Office, Islamabad



Dated: 19 August 2024

Subject: NDMA - Monsoon 2024 Daily Situation Report No. 50

NDMA Monsoon 2024 Daily Situation Report No **50**, covering period from **1300 hours 18 August to 1300 hours 19 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, 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

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 - 50 (PERIOD COVERED: 1300 HOURS 18 AUGUST 2024 TO 1300 HOURS 19 AUGUST 2024)

1. Casualties and Injuries (Last 24 hours)

a. **Deaths**

Province / Region	District		Dea	aths		Remarks
		M	F	С	T	
	Khuzdar	0	0	2		Sky Lighting
Balochistan	Mastung	0	1	0	3	Drowning (Flash Flood)
KP	1	0	0	0	0	-
	Attock	1	1	2		Structure collapse (House collapse)
	RY Khan	1	0	1		Structure collapse
Punjab	Lodhran	1	0	0	12	(Roof collapse)
Fulljab	DG Khan	1	0	0	12	
	Muzaffargarh	0	0	2		Drowning
	Jhang	0	0	2		(Flash Flood) Drowning
	Jacobabad	2	0	0		Structure collapse
Sindh	Kashmore	0	0	1	5	(House collapse)
Siriuri	Larkana	1	0	0	3	(Flouse collapse)
	Shikarpur	1	0	0		Sky Lighting
Gilgit Baltistan	-	0	0	0	0	-
AJ&K	-	0	0	0	0	-
ICT	-	0	0	0	0	-
Tot	al	8	2	10	20	

b. **Injuriesc**

Province / Region	District		Inju	ires		Remarks
_		М	F	С	T	
Balochistan	-	0	0	0	0	-
KP	-	0	0	0	0	-
	Faisalabad	0	2	1		
	Muzaffargarh	2	0	1		Structure collapse
Punjab	RY Khan	2	1	1	14	(Roof collapse)
,	DG Khan	2	0	0		
	Attock	0	1	1		Structure collapse (House collapse)
	Jacobabad	1	1	0		Structure collapse (House collapse)
	Kashmore	0	0	1		Structure collapse (Roof collapse)
Sindh	Larkana	1	0	1	29	Structure collapse (House collapse)
	Shikarpur	3	0	0		-
	Sukkur	13	5	3		Structure collapse (Roof collapse)
Gilgit Baltistan	-	0	0	0	0	-
AJ&K	-	0	0	0	0	-
ICT	-	0	0	0	0	-
Tot	al	24	10	9	43	

2. <u>Damage of Infrastructure & Private Properties (Last 24 hours)</u>

a. Houses Damage and Livestock Perished

Province /	District	Hou	use Damage	e	Livestock
Region		Partial	Full	Total	
Balochistan	Khuzdar	6	0	16	11
	Kalat	8	2	10	0
KP	Mansehra	5	0	5	0
	Faisalabad	1	0		0
	Muzaffargarh	1	0		0
Dunich	Attock	1	0	8	0
Punjab	RY Khan	2	0	0	0
	Lodhran	1	0		0
	DG Khan	2	0		0
Sindh	Jacobabad	71	7	78	0
Siriuri	Sukkur	40	8	48	5
Gilgit Baltistan*	Ghizer	27	10	37	30
AJ&K	-	0	0	0	0
ICT	-	0	0	0	0
To	Total		27	192	46

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

		Roa	ads / Tr	acks			Bri	dge	
Province / Region	District	Length of road damage (Kms)	Nature/ extent of damage (fully/ partially washed awav/ water over flow)	Traffic situation (Alternate route/	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	Mastung	1	Partially	Alternate	1	ı	7m	Partially	Alternate
KP	-	-	-	-	-	-	-	-	-
Punjab	-	-	-	-			-	-	-
Sindh	-	ı	-	-	·	ı	-	-	-
	Hunza	20 m	Partially	-	-	-	-	-	-
	Ghizer	80 m	Partially	-	-	-	-	-	-
Gilgit Baltistan*	Nagar	20 m	Partially	-	-	-	-	-	-
Oligit Baltistari	Hunza	20 m	Partially	-	-	-	-	-	-
	Gilgit	60 m	Partially	-	-	-	-	-	-
	Skardu	20 m	Partially	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
Total	-	220 M	-	-	1	-	7m	-	-

*On 18th August 2024.

- KKH at Shishkat, in District Hunza has been eroded due to Nallah Water.
- Due to samall Sczle flood road blocked in Ishkoman, Jalal Abad, Hasis and Faiz Abad.
- KKH got Blocked at near Chanas Tunnel due to landslide/ flash flood in District

Nagar.

- Road from Aliabad to Haider Abad has been damaged due to small Scale flood in District Hunza.
- Due to flash flood road got blocked at 2 location at Guru Juglote and Naltar vally road got partially damaged due to flood in Distric Gilgit.
- On dated 19th August 2024, JST got blocked near Shaggus due to mudflow in District.

3. <u>Cumulative Casualties - Deaths / Injuries (From 1300 Hours 1 July 2024 to 1300 Hours 19 August 2024)</u>:-

Province		Deaths Injured							
/Region	M	F	С	Т	M	F	С	Т	
Balochistan	9	1	8	18	0	1	9	10	
KP	23	12	30	65	37	28	47	112	
Punjab	27	15	44	86	81	60	83	224	
Sindh	15	4	18	37	22	9	11	42	
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	75	32	108	215	148	101	156	405	

4. <u>Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 19 August 2024)</u>:-

Province / Region	Roads	Bridges	Но	use Dam	age	Livestock
	(Kms)		Partial	Full	Total	
Balochistan	43	7	303	125	428	131
KP	0	6	561	212	773	139
Punjab	0	0	148	100	248	44
Sindh	0	0	634	242	876	41
Gilgit Baltistan	1.5	14	105	64	169	80
AJ&K	0.233	4	56	25	81	3
ICT	0	0	0	0	0	10
Total	44.733	31	1807	768	2575	448

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*	62	110	40	0	0	20	0	45	45	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	62	110	40	0	0	20	0	45	45	0	0	0	0	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. <u>Cumulative Flood Relief Activities (From 1300 Hours 1 July 2024 to 1300 Hours 19 August 2024)</u>:
 - a. Cumulative State of Relief Camps Established by PDMAs/SDMA/GBDMA:-

Description	Balochistan	КР	Punjab	Sindh	Gilgit Baltistan	AJ&K	ІСТ	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	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. <u>Cumulative State of Rescue Operations (From 1300 Hours 1 July 2024 To 1300 Hours 19 August 2024) by PDMAs/SDMA/GBDMA</u>:-

Description	Balochistan	КР	Punjab	Sindh	Gilgit Baltistan	AJ&K	ІСТ	Total
No of Persons Transported	0	0	4481	1500	0	0	0	5981
No of Persons Evacuated / Rescued	281	0	0	1524	0	0	0	1805
Animals Transported	0	0	955	0	0	0	0	955
Animal Vaccinated	0	0	51957	0	0	0	0	51957
Boats Deployed	0	0	123	0	0	0	0	123
De-Watering Pumps	0	0	0	26	0	0	0	26
Life Jackets	0	0	509	0	0	0	0	509

- (1) **Employment of Boats**. NTR.
- (2) **Employment of Aviation Activates**. NTR.
- (3) <u>Cumulative Relief Activities by PDMAs/SDMA/GBDMA (From 1300 Hours 1 July 2024 to 1300 Hours 19 August 2024):-</u>

Ser	Relief Items	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ІСТ	Total
(a)	Tents	70	413	186 2	300	168	9	0	2822
(b)	Ration Bags	50	51	0	0	403	0	0	504

Page **6** of **12**

(c)	Blankets	12	107 9	0	0	373	0	0	1464
(d)	Quilts	0	0	0	0	5	0	0	55
(e)	Net Mosquito	0	180	0	800	0	0	0	980
(f)	Plastic Mats	80	793	0	0	124	0	0	997
(g)	Mattress	0	34	0	0	0	0	0	34
(h)	Sleeping Bags	0	45	0	0	75	0	0	120
(i)	Kitchen Sets	0	453	0	0	97	0	0	550
(j)	Hygiene Kits	700	137	0	0	30	0	0	867
(k)	First Aid Kits	0	0	0	0	0	0	0	0
(I)	Jerry can	80	0	0	100	0	0	0	180
(m)	Tarpaulin	70	161	0	0	56	0	0	287
(n)	Gabions	0	0	0	0	80	0	0	80
(o)	Sand Bags	0	0	0	0	500	0	0	500
(p)	Gas Cylinder	73	17	0	0	0	0	0	90
(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**.
- Rainfall Recorded During Last 24 Hours (0800-0800 hours each day). Attached at 11. Annex D.
- 12. FFD Discharge Report Recorded at 19 August 2024 12:00 PST. Attached at Annex E.

SITREP data is preliminary as provided by respective PDMAs / GBDMA / Note:

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-066/24

Dated: - 19th 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)	RESERVOIR (FEET) at (00			
INDUS	Scattered thunderstorm rain	Scattered thunderstorm rain (Rawalpindi Division)	TARBELA	13222722		
JHELUM	-do-	-do- (Sargodha Division)	Current: 1550.00 Max. Conservation: 1550.00 Live Storage 99.3%			
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA			
RAVI	-do-	-do- (Lahore Division)	- Current: Max Conservation: Live Storage	1213.80 1242.00 70.6%		
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	Qualitative	Max Flood Peaks (In Thousands of Cusecs)		
			Inflow	Outflow	24-hrs (Inflow)	Level (Inflow)	Historical		Flood Season 2024
	Tarbela	1500	259.0	256.5	240-260	Low	832.0	(2010)	350.0
INDUS	Kalabagh	950	295.7	289.8	270-300	-do-	950.0	(1942)	401.7
	Chashma	950	358.3	340.3	300-340	-do-	1038.9	(2010)	432.7
	Taunsa	1100	390.2	380.2	370-400	Medium	960.0	(2010)	442.2
	Guddu	1200	381.0	381.0	370-410	-do-	1199.7	(1976)	431.3
	Sukkur	1500	384.8	371.0	390-400	-do-	1166.6	(1986)	393.0
	Kotri	875	222.3	187.5	220-230	Low	980.3	(1956)	221.1
KABUL	Nowshera		63.0	63.0	50-70	-do-	391.3	(1990)	114.2
JHELUM	Mangla	1060	22.0	10.0	20-40	Below Low	1090.0 (1992)		114.6
	Rasul	850	7.8	5.3	No Sig. change	-do-	952.2	(1992)	66.1
CHENAB	Marala	1100	62.7	38.3	60-80	-do-	1100.0	(1957)	178.8
OHLHAD	Khanki	1100	60.2	52.3	No Sig. change	-do-	1086.5	(1959)	177.1
	Qadirabad	807	57.9	39.9	-do-	-do-	948.5	(1992)	163.2
	Trimmu	645	89.8	80.5	80-100	-do-	944.0	(1928)	78.8
	Punjnad	700	56.8	56.8	No Sig. change	-do-	802.5	(1973)	57.9
RAVI	Jassar	275	5.5	5.5	-do-	-do-	680.0	(1955)	40.4
IVAVI	Shahdara	250	20.1	20.1	-do-	-do-	576.0	(1988)	28.0
	Balloki	225	54.3	27.0	45-55	Low	389.8	(1988)	56.1
	Sidhnai	150	21.6	14.9	25-35	-do-	330.2	(1988)	32.8
SUTLEJ	G.S. Wala		2.0	2.0	No Sig. change	Below Low	837.0	(1955)	19.7
	Sulemanki	325	18.2	9.8	-do-	-do-	598.9	(1955)	46.2
	Islam	300	11.3	10.72	-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)

(Shahid Abbas) Chief Meteorologist FFD Lahore

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

14.PDMA'S (D.G's All Provinces & AJK).

BULLETIN No. A-066/24

Dated: 19th August, 2024 Time: 11:20 hours (PST)

President Secretariat, Islamabad.

15. Chairman, Federal Flood Commission, Islamabad. PM House, Islamaba Federal Minister for Water Resources, Islamabad.

16. Chairman, Indus River System Authority, Islamabad. Governor (All Provinces). 17. Chairman, PCRWR, Islamabad. Chairman NDMA, Islamabad. 18. The Secretary General, Red Crescent, Islamabad. Chief Minister (All Provinces).

19. Secretary, Irrigation Department, (All Provinces). 20. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi PM Secretariat, Islamabad. Secretary, Aviation Division, Islamabad. 21. Pakistan Commissioner for Indus Waters (PCW), Islamabad., Secretary, Ministry for Water Resources, Islamabad. 22. Chief Engineer, Mangla/Tarbela/Chashma

10. Secretary, Ministry of Information, Islamabad. 23. Chief Engineer, Irrigation (All Provinces). 24. Chief Engineer, (All Barrages). 11. Secretary, Climate change, Islamabad. 12 Chairman NHA Islamahad 25. Chief Engineer, C.D.O. (Muzaffarabad). 13. Chief Secretary (All Provinces). 26. All other concerned.

SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:

I: HYDROLOGICAL SITUATION at 0600 PST:

River Indus at Taunsa, Guddu and Sukkur are at Medium flood level, while River Indus at Tarbela, Kalabagh, Chashma and River Kabul at Nowshera are at Low flood level.

II: METEOROLOGICAL FEATURES:

- a) Yesterday's trough of Strong Westerly Wave over Northern parts of Afghanistan today lies over Northeast Afghanistan and adjoining Pakistan.
- b) Yesterday's LOW pressure over Larkana district has weakened into trough.
- Light to moderate moist currents are penetrating most parts of the country from the Arabian Sea, extending up to 3,000
- Yesterday's well-marked low-pressure area over North Bay of Bengal and adjoining Bangladesh remained stationary.
- Seasonal Low lies over northwest 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, Khyber Pakhtunkhwa & Islamabad along with Rawalpindi, Sargodha, Gujranwala, Lahore, Multan, DG Khan, Larkana, Shaheed Benazirabad, Sukkur, Hyderabad, Zhob, Sibbi, Nasirabad, Loralai ,Kalat & Makran Divisions.

IV: WEATHER FOR NEXT 48-HOURS:

Wet spell is likely to decrease further in Southern parts of the country.

A fresh wet spell of Moderate intensity with isolated Heavy falls is expected over the upper catchments of rivers Kabul, Indus & Jhelum along with Islamabad, Kyber Pakhtunkhwa and Rawalpindi, Sargodha & DG Khan divisions, Moderate intensity rainfall is expected over the upper catchments of rivers Chenab, Ravi and Sutlej along with Gujranwala and Lahore divisions.

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

Indus: Bhandu Wala=69, Ghalanai=55, Jacobabad=52, Sukkur=16, Rohri=15, DG Khan (Vehova=12,

Zain Sanghar=09),Dadu, Landi Kotal & Sakrand=12(each), Khaar-Bajaur & Barkhan=11(each), Khairpur, Bagrote & Thatta=06(each), Badin=05, Moin-Jo-Daro & Padidan=04(each), Shaheed

Benazirabad=03, Rahim Yar Khan, Khanpur, Tando Jam & Gupis=02(each), Larkana,

Hyderabad, Buner & Skardu=01(each), Islamabad (zero point), Mirpur Khas & Dir=Trace(each).

Jhelum: Panjera=12, Sargodha (City=07 & Airbase=Trace), Dhulli=03, Garhi Dopatta, Chakothi &

Chattar Kallas=01(each), Tandali=Trace.

Chenab: Barnala=Trace.

Ravi: Lahore [Airport=62, Township=25, Johar Town=Trace], Sheikhupura=10, Narowal=Trace.

Sutlej: Bahawalpur (City)=04, Kasur=Trace.

Karachi [Surjani Town=70, Orange Town=26, North Karachi=15, Gulshan e Maymar =09, Others:

> Masroor=02, University Road & Kemari=01(each), Jinah terminal, Saddar, Gulshan e Hadeed, Faisal Base & Airport=Trace), Chaman=09, Lasbela=08, Ormara=06, Gawader, Khuzdar & Panjgur=05(each), Quetta (Sheaikh Manda=04 & Samungli=01), Loralai=02, Sibbi=01,

Dalbandin=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 1ST) 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	2.710 16.08.2024	1629.51	54	89
ii.	Pong Dam on River Beas	1390	4.991	2.663 16.08.2024	1352.17	53	100
iii.	Thein Dam on River Ravi	1732	1.900	0.489 16.08.2024	1639.58	26	84

The data is being shared for flows information,

Dated: 17th Aug 2024

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

Data source: www.bbmb.gov.in www.cwc.gov.ln

Copy forwarded by Fax to:

- Secretary, Ministry of Water Resources, Islamabad.
- Chief Secretary, GilgitBaltistan, Gilgit.
- 3. Chief Secretary, Government of Azad Jammu and Kashmir, Muzaffarabad.
- 4. 5. 6. 7. Chief Secretary, Government of Punjab, Lahore.
- Chief Secretary, Government of Sindh, Karachi.
- Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
- Chief Secretary, Government of Balochistan, Quetta.
- 8. Secretary, Irrigation Department, Punjab, Lahore. 9.
- Secretary, Irrigation Department, Sindh, Karachi. Secretary, Irrigation Department, Khyber Pakhtunkhwa, Peshawar. 10.
- Secretary, Irrigation Department, Balochistan, Quetta. 11.
- 12. Director General (Water), Ministry of Water Resources, Islamabad.
- 13. Chairman, National Disaster Management Authority (NDMA), Islamabad.
- CEA/CFFC, Islamabad. 14.
- Chairman, Indus River System Authority (IRSA), Islamabad. 15.
- M.O. Directorate, G.H.Q, Rawalpindi. 16.
- 17. D.G. (Engrs), G.H.Q, Rawalpindi.
- Engineers, 4-Corps, Lahore
- Engineers, 30-Corps, Gujranwala. 19.
- Relief Commissioner/Senior Member, Board of Revenue, Punjab, Lahore. 20.
- D.G. (PDMA) Punjab, 40/A- Lawrence Road, Lahore. 21.
- Chief Engineer (H&WM), Wapda House, Lahore. 22.
- XEN Irrigation, Marala Headwork. 23.
- XEN Irrigation, Kasur. 24.
- Director, Irrigation Department, Government of the Punjab, Lahore.
- 25. 26. 27. Chief Meteorologist, F.F.D. 46-Jail Road, Lahore.
- Office Incharge, F.W.C. 46-Jail Road, Lahore.



	Stations			Rainfall (mm)	Г		
.,		Pu	njab				
			4 -	(A/P 62)			
Lahore			Wasa Gauging Station (Nishter Town 25 & Johar Town Tra				
Rajanpur			(Marri 19 & Bandu Wala 01)				
	heikhupura		10				
Sargodha			8	07			
Baha	awalpur (City)		3	04			
Khanpur	& Rahim Yar Khan		02				
Der	a Ghazi Khan		(Z	ain Sanghar Nullah (01)		
Islamabad (C	ity), Kasur & Narowal	ja	S) 10.	Trace	- 0.0		
= = 500		S	indh				
J	acobabad		W - Table - Ta	52			
	COMPANY AND A STATE OF THE STAT		(Orangi Town 26, N				
Karachi			Masroor Base 02, Met complex, Kemari 01, MOS, Gulshan-				
	3.12		Hadeed, Jinnah Termin	- 737	t & Faisal Base Tra		
	Sukkur		in a second	16			
5250	Rohri		1X 40	15			
	lu & Sakrand			12			
Khai	rpur & Thatta			06			
590000000000000000000000000000000000000	Badin		05				
	njo Dharo & Padidan		04				
Shahe	ed Benazirabad		03				
3/6	ando Jam		02				
Hyderaba	d (A/P) & Larkana		01				
N	Iirpurkhas		Trace				
	o Thirte service sees service.	Balo	chistan				
	Barkhan		II				
	Chaman		09				
	Lasbella		08				
	Ormara		06				
Khuz	dar & Panjgur		8	05			
	Quetta		(Sheikh Manda 03 & Samungli 01)				
	Loralai		02				
	Sibbi		01				
i i	Dalbandin		Trace				
		Gilgit-	Baltistan				
	Bagrote		06				
	Gupis		02				
	Skardu		01				
	7457 DAVING 15	Ka	shmir	20			
Panjera & Tandali			01				
		Khyber-P	akhtunkhwa				
		1	NIL				
		Maximum V	Vind Reported				
Station	Wind (kt)	Km/hr	Direc	tion	Time (PST)		
***************************************	74	- 2	19				
Lahore (A/P)	35	65	NV		1515		
	Company of the Compan	ater Level a	t Nullah Lai (Last 24 H		4 120-120-1		
	Station	-	Level (Feet)	Time (PST)	Flood Situatio		



FFD Discharge Report

Recorded at: 19-Aug-2024 12:00 PST

River	Site	Inflow		Outflow		
	Tarbela	246,000	>>	263,400	LOW	
	Kalabagh	290,563	>>	284,814	Low	
	Chashma	323,440	>>	306,440	Low	
Indus	Taunsa	388,748	*	378,748	MEDIU	
	Guddu	392,749	**	392,749	MEDIU	
	Sukkur	384,794	\rightarrow	371,004	MEDIU	
	Kotri	222,324	>=>//	187,549	NORMA	
Kabul	Nowshera	63,300	~	63,300	LOW	
Unature	Mangla	24,000	~	10,000	NORMA	
Jhelum	Rasul	7,803	MAC/	5,341	NORMA	
	Marala	57,924	*	32,924	NORMA	
	Khanki	60,202	\rightarrow	52,278	NORMA	
Chenab	Q.Abad	51,764	Y	33,764	NORMA	
	Trimmu	96,280	~	87,030	NORMA	
	Panjnad	57,100	**	56,800	NORMA	
	Jassar	6,353	~	6,353	NORMA	
Devi	Shahdara	19,496	>>	19,496	NORMA	
Ravi	Balloki	50,660	>>	23,360	NORMA	
	Sidhnai	21,619	<u> </u>	14,919	NORMA	
	GS Wala	2,000	→	2,000	NORMA	
Sutlej	Sulemanki	18,217	→	9,800	NORMA	
	Islam	11,307	-	10,657	NORMA	
DAM	Current l	Current Level I		vel D	Dead Level	
Tarbela Dam	1549.80	(-0.2)	1550)	1402	
Mangla Dam	1213.85	(+0.05)	1242	2	1050	