



F.2 (E)/2024-NDMA (MW/SITREP-34)

**Government of Pakistan
Prime Minister's Office**



National Disaster Management Authority (HQ)
Main Murree Road Near ITP Office, Islamabad

Dated: **3 August 2024**

Subject: **NDMA - Monsoon 2024 Daily Situation Report No. 34**

NDMA Monsoon 2024 Daily Situation Report No **34**, covering period from **1300 hours 2 August to 1300 hours 3 August 2024** is enclosed for information / necessary action, please.

(Hammad Sadiq Rana)
(Director (Response))
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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, 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 – 34**(PERIOD COVERED: 1300 HOURS 2 August 2024 TO 1300 HOURS 3 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	1x Upper Chitral	0	0	1	2	Flash flood
	1x Tank	0	0	1		"
Punjab	2x Layyah	0	0	2	5	Electrocution due to rain
	1x Narowal	0	0	1		Drowning due to rain
	2x Lahore	2	0	0		Electrocution during rain
Sindh	1x Badin	1	0	0	1	Sky lightning
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
ICT	-	0	0	0	0	
Total		3	0	5	8	

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	
ICT	-	0	0	0	0	
Total		0	0	0	0	

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	14 x Upper Chitral	2	12	18	0
	2x Sawabi	2	0		0
	1x Mansehra	1	0		0
	1x South Waziristan	0	1		0
Punjab	-	0	0	0	0
Sindh	-	0	0	0	0
Gilgit Baltistan	-	0	0	0	0
AJ&K	1x Mirpur	1	0	2	0
	1x Mzd	0	1		0
ICT	-	0	0	0	0
Total		6	14	20	0

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

Province / Region	District	Roads / Tracks			Bridge				
		Length of road damage	Nature/ extent of damage (fully/ partially washed	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
Balochistan	-	-	-	-	-	-	-	-	-
KP	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-	-	-
Gilgit Baltistan	-	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-

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

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	2	0	3	5	0	0	9	9
KP	17	8	17	42	31	22	28	81
Punjab	12	12	26	50	47	41	44	132
Sindh	9	1	13	23	3	0	0	3
Gilgit Baltistan	0	0	1	1	0	0	1	1
AJ&K	0	0	3	3	7	1	5	13
ICT	0	0	0	0	0	0	0	0
Total	40	21	63	124	88	64	87	239

4. **Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 3 August 2024):-**

Province / Region	Roads (kms)	Bridges	House Damage			Livestock
			Partial	Full	Total	
Balochistan	0	3	2	3	5	75
KP	0	5	305	127	432	41
Punjab	0	0	69	0	69	39
Sindh	0	0	0	13	13	36
Gilgit Baltistan	0.455	2	17	5	22	0
AJ&K	0.203	3	11	6	17	3
ICT	0	0	0	0	0	0
Total	0.658	13	404	154	558	194

5. **Road Situations:-**

Haripur - On 30-07-2024, due to torrential rains, Sarai Nehmat Khan Road at village Sarai Nehmat Khan partially damaged.

- (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 3 August 2024):-**

Relief Items	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
Tents	0	44	0	0	9	4	0	57
Ration Bags	0	51	0	0	72	0	0	123
Blankets	0	56	0	0	10	0	0	66
Quilts	0	0	0	0	5	0	0	5
Net Mosquito	0	0	0	0	0	0	0	0
Plastic Mats	0	44	0	0	5	0	0	49
Mattress	0	34	0	0	0	0	0	34
Sleeping Bags	0	0	0	0	0	0	0	0
Kitchen Sets	0	25	0	0	5	0	0	30
Hygiene Kits	0	0	0	0	0	0	0	0
First Aid Kits	0	0	0	0	0	0	0	0
Jerry can	0	0	0	0	0	0	0	0
Tarpaulin	0	0	0	0	0	0	0	0
Gabions	0	0	0	0	45	0	0	45
Sand Bags	0	0	0	0	100	0	0	100
Gas Cylinder	0	17	0	0	0	0	0	17
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.**

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-05024

Dated: - 03rd 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: 1533.00 Max. Conservation: 1550.00 Live Storage 83.3% MANGLA Current: 1204.40 Max Conservation: 1242.00 Live Storage 62.3%
JHELUM	-do-	-do- (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	336.0	276.9	330-340	Low	832.0 (2010)	336.0
	Kalabagh	950	359.6	351.6	340-360	-do-	950.0 (1942)	378.3
	Chashma	950	362.3	359.3	350-380	-do-	1036.9 (2010)	382.3
	Taunsa	1100	260.4	234.9	260-300	-do-	960.0 (2010)	260.4
	Guddu	1200	192.0	179.0	No Sig. change	Below Low	1199.7 (1976)	192.9
	Sukkur	1500	140.6	97.1	-do-	do-	1166.6 (1986)	140.6
	Kotri	875	76.1	38.9	-do-	do-	980.3 (1986)	84.7
KABUL	Nowshera	-	88.4	88.4	70-100	Low to Medium	391.3 (1990)	105.5
JHELUM	Mangla	1060	25.0	10.0	25-50	Below Low	1090.0 (1992)	114.6
	Rasul	850	2.5	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	81.2	54.3	70-80	-do-	1100.0 (1957)	106.3
	Khanki	1100	86.1	78.2	70-80	-do-	1086.5 (1989)	95.1
	Gadriabad	807	76.6	56.6	60-80	-do-	948.5 (1992)	93.1
	Trimmu	645	51.5	35.9	No Sig. change	-do-	944.0 (1928)	53.7
	Punjad	700	20.8	7.1	-do-	do-	802.5 (1973)	35.2
RAVI	Jassar	275	10.3	10.3	5-20	-do-	680.0 (1955)	26.8
	Shahdara	250	21.8	21.8	No Sig. change	-do-	576.0 (1988)	24.8
	Belloki	225	50.5	23.2	50-60	Low	389.8 (1968)	50.5
	Sidhrnai	150	23.2	9.1	No Sig. change	Below Low	330.2 (1988)	24.6
SUTLEJ	G.S. Wala	--	2.0	2.0	-do-	do-	837.0 (1955)	5.4
	Sulemanki	325	19.6	7.1	-do-	do-	598.9 (1955)	46.2
	Islam	300	4.0	1.8	-do-	do-	492.6 (1955)	8.6

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

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

BULLETIN No. A-050/24

Dated: - 03rd 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 Tarbela, Kalabagh & Chashma and River Kabul at Nowshera are in Low flood level, while all the other major rivers are flowing below Low flood level.

Low to Medium level flows are expected in River Indus at Tarbela (During 48 hours).

Alert (for next 72 hours): **Medium to High level Flash Flooding** is expected in hill torrents of DG Khan division and nullahs of Zhob, Sibbi, Nasirabad, Kalat, Larkana, Hyderabad (Dadu & Jamshoro Districts) divisions. **Medium to High** level flow also expected in River Kabul at Nowshera.

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 Area** over northeast Sindh and adjoining areas persists and extending up to 500 hPa.
- c) Yesterday's **Low-Pressure Area** over west Bengal has intensified into **Depression** and today centers over northwest Jharkhand.
- d) Moderate to strong moist currents are penetrating the central and southern parts of the country from Arabian Sea and Bay of Bengal up to 5000 feet.
- e) Well-marked Seasonal Low lies over east Balochistan with central pressure below 994 hPa.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered thunderstorm rain of moderate intensity with isolated **HEAVY FALLS** is expected over the upper catchments of rivers Kabul and Indus along Khyber-Pakhtunkhwa. Scattered thunderstorm rain of moderate intensity is also expected over the upper catchments of rivers Jhelum, Chenab, Ravi and Sutlej along with Islamabad, & Rawalpindi, Sargodha, Gujranwala, Lahore, Faisalabad, Multan and Sahiwal Divisions.

Warning (for next 72 hours): Widespread thunderstorm rain of **MODERATE to HEAVY** intensity with Scattered **VERY HEAVY** falls and isolated **EXTREMELY HEAVY** fall is expected over DG Khan, Bahawalpur, Zhob, Sibbi, Nasirabad, Kalat, Larkana, Sukkur, Hyderabad and Mirpur Khas Divisions. Scattered thunderstorm rain of Moderate intensity with isolated heavy falls is also expected over the rest of Sindh and Balochistan.

IV: WEATHER OUTLOOK DURING NEXT 48-HOURS:

Wet spell is likely to continue.

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

Indus:	Sukkur=44, Rohri=38, Bhandu Wala=32, Khairpur=16, Shinkhari=10, Bhakkar=06, Hyderabad (City)=05 & Airport=Trace), Layyah (Krore), Tundo Jam=05(each), Barkhan, Shaheed Benazirabad & Sakrand=04(each), Khaar-Bajaur=03, Malam Jabba, Mardan, Buner & Lower Dir=02(each), Khanpur & Larkana=01(each), Bosak Bridge, Jacobabad, Warsak Dam, Rahim Yar Khan, Badin, Dadu, D.I.Khan, Vehova, DG Khan (Airport) & Chaklala (Airbase)=Trace(each).
Jhelum:	Balakot=41, Chattar Kallas=05, Rawalakot & Tandali=03(each), Chakothi & Sargodha (City)=Trace(each).
Chenab:	Kot Addu=12, Multan (City)=01.
Ravi:	Sheikhupura=01, Khanewal=Trace.
Sutlej:	Kasur=02, Bahawalnagar=01, Bahawalpur (Airport & City)=Trace(each).
Others:	Ziarat=42, Karachi [Kemari=41, Masroor=20, Quaidabad & Saddar=19(each), Orange Town=18, Korangi=16, DHA=15, Faisal Base=11, Airport & Gadap Town=05(each), Hassan Square=04, Nazimabad, Jinnah Terminal, Surjani Town & Gulshan e Hadeed=03(each), University Road & Ibrahim Hyderi=02(each), Gulshan e Maymar & Bin Qasim=01(each), North Karachi=Trace], Muslim Bagh=18, Loralai=06, Kalat=03, Lasbela=02, Khuzdar, Sibbi, Quetta (Samungli & Sheikhs Manda)=Trace(each).

--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>2.159</u> 01.08.2024	1608.67	43	77
ii. Pong Dam on River Beas	1390	4.991	<u>1.395</u> 01.08.2024	1321.26	28	75
iii. Thein Dam on River Ravi	1732	1.900	<u>0.242</u> 01.08.2024	1612.28	13	85

The data is being shared for flows information,
Dated: 2nd Aug 2024



(ADNAN MUMAHAMMAD)
Deputy Commissioner for Indus Waters
Tele: 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/CFPC, Islamabad.
15. Chairman, Indus River System Authority (IRSA), Islamabad.
16. M.O. Directorate, G.H.Q, Rawalpindi.
17. D.G. (Ingrs), 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 (II&WM), Wapda House, Lahore.
23. XIN Irrigation, Marala Headwork.
24. XIN 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.



National Weather Forecasting Centre
Pakistan Meteorological Department



Total Rainfall (mm) last 24 hours on Saturday 03-08-2024 at 0800 PST				
Stations		Rainfall (mm)		
Sindh				
Sukkur		44		
Karachi		Kemari 41, P.A.F Masroor Base 20, Quaidabad, Saddar 19, Orangi Town 18, Korangi 16, DHA (Phase 2) 15, P.A.F Faisal Base 11, (University Road, Mos (old area airport), Gadap 05, Hassan Square (DC office east) 04, Nazimabad, Gulshan-E-Hadeed, Surjani Town, Jinnah Terminal 03, Ibrahim Hyderi 02, Gulshan-E-Maymar, Bin-Qasim 01, North Karachi Trace		
Rohri		38		
Khairpur		16		
Tando Jam		05		
Hyderabad		City 05 & Airport Trace		
Sakrand, Shaheed Benzirabad		04		
Larkana		01		
Jacobabad, Dadu, Badin		Trace		
Khyber-Pakhtunkhwa				
Bannu		41		
Khaar-Bajaur		03		
Dir(lower), Malam Jabba, Buner		02		
Di Khan (City)		Trace		
Punjab				
Rajanpur (Bhandu Wala)		32		
Kot Addu		12		
Bhakkar		06		
Karor (Layyah)		05		
Kasur		02		
Sheikhupura, Multan City, Khanpur, Bahawalnagar		01		
Sargodha, R Y Khan, Khanewal, D G Khan(City, Vehova), Rawalpindi (Chaklala), Bahawalpur		Trace		
Kashmir				
Chattar Kalas		05		
Rawalakot, Tandali		03		
Chakothei		Trace		
Balochistan				
Barkhan		04		
Kulat		03		
Lasbella		02		
Khuzdar, Quetta (City, Samungli), Sibbi		Trace		
Gilgit-Baltistan				
NIL				
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
NIL				
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
Normal Water Level				