

MOST IMMEDIATE / BY FAX



F.2 (E)/2024-NDMA (MW/SITREP-10)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority (HQ)
Main Murree Road Near ITP Office, Islamabad



Dated: **10 July 2024**

Subject: **NDMA - Monsoon 2024 Daily Situation Report No. 10**

NDMA Monsoon 2024 Daily Situation Report No **10**, covering period from **1300 hours 9 July to 1300 hours 10 July 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 - 10
(PERIOD COVERED: 1300 HOURS 9 JULY 2024 TO 1300 HOURS 10 JULY 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	-	0	0	0	0	
Punjab	Lahore	1	0	1	2	house collapsed
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	-	0	0	0	0	
Sindh	-	0	0	0	0	
Gilgit Baltistan	-	0	0	0	0	
AJ&K	Mirpur	2	0	0	2	Electric pole fell due to rain/windstorm
ICT	-	0	0	0	0	
Total		2	0	0	2	

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-Chitral	0	4	4	10
Punjab	Lahore	1	0	1	0
Sindh	-	0	0	0	0
Gilgit Baltistan	-	0	0	0	0
AJ&K	Mirpur	1	0	1	0
ICT	-	0	0	0	0
Total		2	4	6	10

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 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	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-

3. **Cumulative Casualties - Deaths / Injuries (From 1300 Hours 1 July 2024 to 1300 Hours 10 July 2024):-**

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	2	0	0	2	0	0	0	0
KP	0	0	0	0	0	4	3	7
Punjab	2	1	6	9	12	10	15	37
Sindh	3	0	3	6	3	0	0	3
Gilgit Baltistan	0	0	0	0	0	0	0	0
AJ&K	0	0	1	1	2	0	0	2
ICT	0	0	0	0	0	0	0	0
Total	7	1	10	18	17	14	18	49

4. **Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 10 July 2024):-**

Province / Region	Roads (kms)	Bridges	House Damage			Livestock
			Partial	Full	Total	
Balochistan	0	0	0	0	0	0
KP	0	1	4	12	16	17
Punjab	0	0	21	0	21	36
Sindh	0	0	0	13	13	16
Gilgit Baltistan	0.24	1	0	0	0	0
AJ&K	0	0	1	0	1	0
ICT	0	0	0	0	0	0
Total	0.24	2	26	25	51	69

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 10 July 2024 12:00 PST.** Attached at **Annex E.**

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

BULLETIN No. B-026/24

Dated: - 10th July, 2024
Time: - 11:00 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: 1518.52 Max. Conservation: 1550.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	Isolated thunderstorm/rain	-do- (Gujranwala Division)	MANGLA Current: 1193.00 Max Conservation: 1242.00
RAVI	-do-	Isolated thunderstorm/rain (Lahore Division)	
SUTLEJ	-do-	Mainly dry (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	167.0	155.0	160-180	Below Low	832.0 (2010)	296.0
	Kalabagh	950	196.9	188.9	200-220	-do-	950.0 (1942)	234.2
	Chashma	950	216.6	211.1	No Sig. change	-do-	1038.9 (2010)	254.4
	Taunsa	1100	208.9	180.1	-do-	-do-	960.0 (2010)	218.4
	Guddu	1200	172.7	131.2	-do-	-do-	1199.7 (1976)	176.6
	Sukkur	1500	122.0	70.0	-do-	-do-	1166.6 (1986)	135.5
	Kotri	875	30.7	2.3	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	69.6	69.6	55-75	Low	391.3 (1990)	96.6
JHELUM	Mangla	1060	30.0	26.7	30-60	Below Low	1090.0 (1992)	114.6
	Rasul	850	19.9	8.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	70.2	38.3	70-100	Low	1100.0 (1957)	98.9
	Khanki	1100	24.8	16.8	40-70	Below Low	1086.5 (1959)	95.1
	Qadirabad	807	25.7	9.7	25-50	-do-	948.5 (1992)	93.1
	Trimmu	645	46.5	30.8	No Sig. change	-do-	944.0 (1928)	46.5
	Punjad	700	22.1	8.4	-do-	-do-	802.5 (1973)	33.8
RAVI	Jassar	275	2.4	2.4	-do-	-do-	680.0 (1955)	6.4
	Shahdara	250	15.8	15.8	-do-	-do-	576.0 (1988)	17.8
	Balloki	225	36.4	8.1	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	21.5	5.9	-do-	-do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	2.8	2.8	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	20.4	8.2	-do-	-do-	598.9 (1955)	46.2
	Islam	300	7.8	5.8	-do-	-do-	492.6 (1955)	7.8

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**

BULLETIN No. A-026/24

Dated: - 10th July, 2024
Time: - 11:00 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 Kabul at Nowshera is in Low flood level whereas all the other major rivers are flowing below low flood level.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of westerly wave over northern parts of country today lies over Kashmir and adjoining areas and is likely to move away during next 24-hours. Another fresh trough of westerly wave lies over northwestern parts of Afghanistan.
- b. The wind pattern over Southwest Asia and surrounding areas shows moderate moisture incursion from the Arabian Sea, with directional convergence over the upper part of the country up to 3000 feet. The moisture influx from the Arabian Sea is likely to strengthen during the next 24 hours, while moisture incursion from the Bay of Bengal is likely to remain cut off.
- c. Weak seasonal low is located over northeast Balochistan and adjoining areas.
- d. Monsoon trough has started to restore and today its axis lies from seasonal low to Bay of Bengal.
- e. No cyclogenesis activity is expected over Bay of Bengal and Arabian sea during next few days.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered thunderstorms of moderate intensity are expected over the upper catchments of the Indus and Jhelum rivers, with some isolated light rainfall in the Chenab, Ravi and Sutlej. Scattered thunderstorm of moderate intensity is expected over Kyber Pakhtunkhwa, Islamabad, Rawalpindi, Sargodha and Gujranwala, Divisions. Isolated thunderstorms of light intensity are expected over south and southeast Sindh along with Lahore, Multan and DG Khan, Zhob, Kalat Division.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Monsoon activity is likely to resurge and scattered thunderstorm rain of moderate intensity with isolated Heavy fall is expected over the upper catchment of all the major rivers along with Khyber Pakhtunkhwa, north and northeast Punjab and DG Khan Division.

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

Indus: Malam Jabba=56, Dir=12, Kakul=11, Tando Jam=09, Khawagoobo Bridge=08, Risalpur & Khaar-Bajaur=07(each), Murree=06, Mithi=05, Buner & Saidu Sharif=04(each), Lower Dir=03, Warsak Dam=02, Takht Bai, Thatta & Chhor=01(each), Peshawar (Airbase & Bacha Khan Airport), Hyderabad & Badin=Trace(each).

Jhelum: Dhulli=03, Panjera=02, Muzaffarabad (Airport & City), Rawalakot, Hajira, Chattar Kallas, Sara-e-Alamgir & Balakot=01(each), Tandali=Trace.

Chenab: -Nil-

Ravi: -do-

Sutlej: -do-

Others: Karachi [Surjani Town=59, Airport=38, Orange Town=30, Gulshan-e-Hadeed=26, University Road=20, Faisal Base=16, Saadi Town=19, Quaidabad=12, North Karachi=09, Kemari & Gulshan-e-Maymar=08(each), Korangi=07, Nazimabad=04, Malir Halt & Masroor=03(each), Ibrahim Hyderi=02 & DHA=01], Diplo=24, Islam Kot=05, Ormara=Trace.

(Shahid Abbas)
Chief Meteorologist
FFD Lahore

By Fax

Government of Pakistan
Ministry of Water Resources
Office of Pakistan Commissioner for Indus Waters
Suharwady 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>1.696</u> 04.07.2024	1590.40	34	37
ii. Pong Dam on River Beas	1390	4.991	<u>0.924</u> 04.07.2024	1306.79	19	40
iii. Thein Dam on River Ravi	1732	1.900	<u>0.583</u> 04.07.2024	1646.24	31	51

The data is being shared for flows information,
Dated: 05th July 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, Muaffarabad.
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.



National Weather Forecasting Centre
Pakistan Meteorological Department



Total Rainfall (mm) last 24 hours on Wednesday 10-07-2024 at 0800 PST				
Stations		Rainfall (mm)		
Sindh				
Karachi	(Surjani Town 59, Old Area AP 38, Orangi Town 30, Gulshan-E-Hadeed 26, University Road 20, Saadi Town 19, Faisal Base 16, Quaidabad 12, North Karachi 09, Gulshan-E-Maymar, Kemari 08, Korangi 07, Naziamabad 04, Masroor Base, Malir 03, Ibrahim Hyderi 02 & DHA 01)			
Tharparkar	(Diplo 24 & Islamkot 05)			
Thatta	14			
Tando Jam	09			
Mithi	05			
Chhor	01			
Hyderabad (AP) & Badin	Trace			
Khyber-Pakhtunkhwa				
Malam Jabba	56			
Dir	(Upper 12 & Lower 03)			
Kakul	11			
Bajaur	(Khaar 07)			
Saidu Sharif	04			
Mardan, Buner & Balakot	01			
Bacha Khan AP	Trace			
Punjab				
Murree	06			
Kashmir				
Dhulli	03			
Panjera	02			
Rawalakot, Chattar Kalas, Hajira & Muzaffarabad (City & AP)	01			
Balochistan				
Ormara	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	
NIL				



FFD Discharge Report

Recorded at: 10-Jul-2024 12:00 PST

River	Site	Inflow		Outflow	
Indus	Tarbela	168,000	↗	144,600	NORMAL
	Kalabagh	216,523	↗	208,533	NORMAL
	Chashma	207,723	↘	204,969	NORMAL
	Taunsa	208,904	→	180,104	NORMAL
	Guddu	172,748	→	131,229	NORMAL
	Sukkur	121,951	→	70,041	NORMAL
	Kotri	32,680	↗	2,315	NORMAL
Kabul	Nowshera	65,100	↘	65,100	LOW
Jhelum	Mangla	32,000	↗	26,715	NORMAL
	Rasul	14,405	↘	0	NORMAL
Chenab	Marala	59,444	↘	27,571	NORMAL
	Khanki	51,259	↗	43,272	NORMAL
	Q.Abad	28,256	↗	12,256	NORMAL
	Trimmu	43,635	↘	27,985	NORMAL
	Panjnad	23,331	↗	9,481	NORMAL
Ravi	Jassar	2,382	→	2,382	NORMAL
	Shahdara	15,761	→	15,761	NORMAL
	Balloki	36,410	→	8,110	NORMAL
	Sidhnai	21,549	→	5,949	NORMAL
Sutlej	GS Wala	2,810	→	2,810	NORMAL
	Sulemanki	20,385	→	8,233	NORMAL
	Islam	7,800	→	5,800	NORMAL

DAM	Current Level	Max Level	Dead Level
Tarbela Dam	1518.78 (+0.26)	1550	1402
Mangla Dam	1193.05 (+0.05)	1242	1050

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