

MOST IMMEDIATE / BY FAX



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



Dated: **2 July 2024**

Subject: **NDMA - Monsoon 2024 Daily Situation Report No. 02**

NDMA Monsoon 2024 Daily Situation Report No **02**, covering period from **1300 hours 1st July to 1300 hours 2nd July 2024** is enclosed for information / necessary action, please.

(Hammad Sadiq Rana)

Director (Response)

Telephone No: 051-9030924

Fax: 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
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
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 - 02**(PERIOD COVERED: 1300 HOURS 1 JULY 2024 TO 1300 HOURS 2 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	-	0	0	0	0	
*Sindh	Jamshoro	2	0	0	4	Celling Collapse/Sky Lightening
	Tharparkar	1	0	0		Sky Lightening
	Matari	0	0	1		Wall Collapse
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
ICT	-	0	0	0	0	
Total		3	0	1	4	

*Losses and damages occurred between **28th June to 1st July 2024**. The PDMA Sindh confirmed these losses on 1st July 2024 and included them in their SITREP dated 1st July 2024.

b. Injuries

Province / Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	-	0	0	0	0	
Punjab	Gujranwala	1	0	0	1	Roof Collapse
*Sindh	Jamshoro	2	0	0	3	Celling Collapse
	Tharparkar	1	0	0		Sky Lightening
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
ICT	-	0	0	0	0	
Total		4	0	0	4	

*Losses and damages occurred between **28th June to 1st July 2024**. The PDMA Sindh confirmed these losses on 1st July 2024 and included them in their SITREP dated 1st July 2024.

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	-	0	0	0	0
Punjab	Gujranwala	1	0	1	0
*Sindh	Jamshoro	0	13	13	16 (10 x Goats 6 x Sheeps)
Gilgit Baltistan	-	0	0	0	0
AJ&K	-	0	0	0	0
ICT	-	0	0	0	0
Total		1	13	14	16

*Losses and damages occurred between **28th June to 1st July 2024**. The PDMA Sindh confirmed these losses on 1st July 2024 and included them in their SITREP dated 1st July 2024.

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	Type of bridge	Length of bridge	Nature/ Extent of Damage fully/ partially washed	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 2 July 2024):-**

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	1	0	0	1	0	0	0	0
KP	0	0	0	0	0	0	0	0
Punjab	0	0	0	0	1	1	1	3
Sindh	3	0	1	4	3	0	0	3
Gilgit Baltistan	0	0	0	0	0	0	0	0
AJ&K	0	0	0	0	0	0	0	0
ICT	0	0	0	0	0	0	0	0
Total	4	0	1	5	4	1	1	6

4. **Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 2 July 2024):-**

Province / Region	Roads (km)	Bridges	Houses			Livestock
			PD	FD	Total	
Balochistan	0	0	0	0	0	0
KP	0	0	0	0	0	0
Punjab	0	0	2	0	2	0
Sindh	0	0	0	13	13	16
Gilgit Baltistan	0	0	0	0	0	0
AJ&K	0	0	0	0	0	0
ICT	0	0	0	0	0	0
Total	0	0	2	13	15	16

5. **Flood Relief Activities (Last 24 hours).** NTRa. **Relief Camps Established**b. **Rescue Operations**

- (1) **Employment of Boats.** NTR.
- (2) **Employment of Aviation Assets.** NTR.
- (3) **Relief Activities in Last 24 hours.** NTR.

6. **Cumulative Flood Relief Activities (From 1300 Hours 1 July 2024 to 1300 Hours 2 July 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	0	0	0	0	0	0	0	0
No of Persons Treated	0	0	0	0	0	0	0	0
No of Relief Camps	0	0	0	0	0	0	0	0
Cooked Food	0	0	0	0	0	0	0	0

b. **Cumulative State of Rescue Operations (From 1300 Hours 1 July 2024 To 1300 Hours 2 July 2024) by PDMAs/SDMA/GBDMA:-**

Description	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
No of Persons Transported	0	0	0	0	0	0	0	0
No of Persons Evacuated/ Rescued	0	0	0	0	0	0	0	0
Animals Transported	0	0	0	0	0	0	0	0
Boats Deployed	0	0	0	0	0	0	0	0
Live Jackets	0	0	0	0	0	0	0	0
Rings	0	0	0	0	0	0	0	0
Ropes	0	0	0	0	0	0	0	0

- (1) **Employment of Boats.** NTR.
- (2) **Employment of Aviation Activates.** NTR.

(3) **Cumulative Relief Activities by PDMAs/SDMA/GBDMA:-**

Relief Items	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
Tents	0	0	0	0	0	0	0	0
Ration Bags	0	0	0	0	0	0	0	0
Blankets	0	0	0	0	0	0	0	0
Quilts	0	0	0	0	0	0	0	0
Net Mosquito	0	0	0	0	0	0	0	0
Plastic Mats	0	0	0	0	0	0	0	0
Mattress	0	0	0	0	0	0	0	0
Sleeping Bags	0	0	0	0	0	0	0	0
Kitchen Sets	0	0	0	0	0	0	0	0
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
Gas Cylinder	0	0	0	0	0	0	0	0
Water Cooler	0	0	0	0	0	0	0	0

7. **Dams and Reservoirs Level** - Attached at **Annex A.**
8. **Flood Alert / River Flows** - Attached at **Annex B.**
9. **Flood / Base Flow Data Obtained from India.** - Attached at **Annex C.**
10. **Rainfall Recorded During Last 24 Hours (0800-0800 hours each day).** Attached at **Annex D.**

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

BULLETIN No. B-01824

Dated: - 02nd 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: 1479.20 Max. Conservation: 1550.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA Current: 1185.30 Max Conservation: 1242.00
RAVI	-do-	-do- (Lahore Division)	
SUTLEJ	-do-	Isolated 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	252.0	126.6	255-275	Low	832.0 (2010)	252.0
	Kalabagh	950	214.2	206.2	No Sig. change	Below Low	950.0 (1942)	233.6
	Chashma	950	206.3	199.7	-do-	-do-	1038.9 (2010)	234.0
	Taunsa	1100	198.8	171.0	-do-	-do-	960.0 (2010)	207.5
	Guddu	1200	119.3	91.7	-do-	-do-	1199.7 (1976)	176.6
	Sukkur	1500	57.6	18.5	-do-	-do-	1166.6 (1986)	135.5
	Kotri	875	47.8	5.5	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	91.8	91.8	90-110	Medium	391.3 (1990)	96.6
JHELUM	Mangla	1060	48.0	17.9	50-80	Low	1090.0 (1992)	70.0
	Rasul	850	26.0	5.3	No Sig. change	Below Low	952.2 (1992)	66.1
CHENAB	Marala	1100	85.7	54.3	85-110	Low	1100.0 (1957)	85.7
	Khanki	1100	49.6	41.6	50-80	Below Low	1086.5 (1959)	53.5
	Qadirabad	807	57.2	37.6	50-70	-do-	948.5 (1992)	57.2
	Trimmu	645	26.6	9.2	No Sig. change	-do-	944.0 (1928)	42.3
	Punjinad	700	13.9	0.0	-do-	-do-	802.5 (1973)	33.8
RAVI	Jassar	275	3.6	3.6	5-10	-do-	680.0 (1955)	5.3
	Shahdara	250	14.1	14.1	No Sig. change	-do-	576.0 (1988)	16.2
	Balloki	225	33.8	7.3	-do-	-do-	389.8 (1988)	33.8
	Sidhnai	150	16.1	0.0	-do-	-do-	330.2 (1988)	17.3
SUTLEJ	G.S. Wala	--	0.4	0.4	-do-	-do-	837.0 (1955)	0.7
	Sulemanki	325	16.4	3.3	-do-	-do-	598.9 (1956)	46.2
	Islam	300	2.8	0.4	-do-	-do-	492.6 (1955)	4.2

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)

(Saqib Hussain)
Director
for Chief Meteorologist
FFD Lahore

www.flood.pmd.gov.pk | Email: ffd@hr@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**

BULLETIN No. A-018/24

Dated: - 02nd July, 2024

Time: - 11:00 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 & 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.O. Engineers, Eng. Directorate GHD, 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. (Muzaffargarh).
26. All other concerned.

SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:**I: HYDROLOGICAL SITUATION at 0600 PST:**

River Kabul at Nowshera is in medium flood level where as all the other major rivers are flowing below low flood level. Flows are anticipated to increase in all major rivers and their tributaries starting from 3rd July 2024. Medium to High level flood peaks are expected in the River Jhelum at Mangla upstream, River Chenab at Marala & downstream, and the River Kabul at Nowshera and its tributaries between 4th and 7th July 2024. Flows are also likely to increase in the nullahs of Rivers Ravi and Chenab catchments along with hill torrents of DG Khan Division during the 4th to 7th.

Urban flooding is also expected in Lahore, Sialkot, Gujranwala, Narowal, Rawalpindi, Faisalabad and Peshawar from 04th to 07th July.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's strong trough of extratropical storm over northeastern parts of Afghanistan and adjoining areas remained stationary. It is very likely to affect significantly upper half of the country during the current week.
- b. Presence of sub-tropical jet stream north of the country providing a favorable environment for development of current weather systems.
- c. The latest vertical wind analysis over Southwest Asia shows a moderate moisture influx from the Arabian Sea as well as Bay of Bengal, advancing toward the upper catchments of eastern rivers and extending up to 5000 feet. The strength of the moisture incursion from both sources, influenced by a trough of an extratropical storm and jet stream, is expected to become forceful from 4th July.
- d. Steep pressure gradient lies over northeast parts of Afghanistan which may produce stronger winds during the current week.
- e. Monsoon trough along the foothill of Hamaliya from Bay of Bengal to eastern rivers catchments has become more marked.
- f. A seasonal low is situated over the northeast of Balochistan and adjoining areas, with a central pressure of below 990 hPa.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered thunderstorm with Moderate to Heavy rain is expected over the upper catchments of rivers Ravi and Sutlej. Scattered thunderstorm with moderate intensity is expected over the upper catchments of rivers Indus, Jhelum and Chenab as well as Islamabad, Rawalpindi, Sargodha, Gujranwala Lahore, DG Khan divisions. Isolated thunderstorm rain of light intensity is also expected over South & Southeast Sindh, Bahawalpur, Sibbi, Nasirabad, Kalat and Makran divisions.

IV: WEATHER OUTLOOK:

Moderate to Heavy rainfall with isolated **Very Heavy** fall is likely to start over the upper catchments of all the major rivers, along with Punjab, Khyber-Pakhtunkhwa and northeast Balochistan from 2nd July 2024. However, widespread activity of maximum intensity is likely during 4th to 7th July 2024.

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

Indus:	Saidu Sharif=27, Malam Jabba=26, Qghi=24, Shinkiyari & Phulra=20 (each), Tarbela=10, Besham=08, Buner=05, Barkhan=04, Murree & Kakul=02(each), Arandu Nullah & Lower Dir=01(each), Islamabad Chaklala (Airbase), Dir, & Darashoot=Trace(each).
Jhelum:	Balakot=35, Palandri=20, Rawalakot=13, Sharda=08, Domei=05, Garhi Dopatta & Bandi Abbaspur=03(each), Hajira & Chattar Kallas=02(each), Talhatta=01, Panjera=Trace.
Chenab:	Barnala=02, Sialkot (Cantt), Marala, Shorkot (Airbase) & Jhang=Trace(each).
Ravi:	Narowal=02, Lahore (Airport)=Trace
Sutlej:	-Nil-
Others:	-do-

(Saqib Hussain)
Director
for Chief Meteorologist
FFD Lahore

www.fpd.gov.pk | Email: ffdhr@yahoo.com

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

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>1.556</u> 27.06.2024	1584.39	31	29
ii. Pong Dam on River Beas	1390	4.991	<u>0.932</u> 27.06.2024	1307.08	19	35
iii. Thein Dam on River Ravi	1732	1.900	<u>0.583</u> 27.06.2024	1647.72	31	53

The data is being shared for flows information,
Dated: 01st July 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, 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 Tuesday 02-07-2024 at 0800 PST

Stations		Rainfall (mm)		
Khyber-Pakhtunkhwa				
Balakot		35		
Saidu Sharif		27		
Malam Jabba		26		
Buner		05		
Kakul		02		
Dir		(Lower & Upper 01)		
Kashmir				
Rawalakot		13		
Garhi Dopatta, Bandi Abbaspur		03		
Barnala, Chattar Kalas, Hajira		02		
Balochistan				
Barkhan		04		
Punjab				
Murree, Narowal		02		
Rawalpindi (Chaklala), Jhang, Lahore (Airport), Sialkot (City)		Trace		
Sindh				
NIL				
Gilgit-Baltistan				
NIL				
Snowfall				
Station		Snowfall (Inches)		
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				