

**MOST IMMEDIATE / BY FAX**



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



Dated: 1 July 2024

Subject: **NDMA - Monsoon 2024 Daily Situation Report No. 01**

NDMA Monsoon 2024 Daily Situation Report No 01, covering period from **1300 hours 30 June 2024 to 1300 hours 01 July 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  
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 - 01**

(PERIOD COVERED: 1300 HOURS 30 JUNE 2024 TO 1300 HOURS 1 JULY 2024)

1. **Casualties and Injuries (Last 24 hours)**a. **Deaths**

Province / Region	District	Deaths				Remarks
		M	F	C	T	
Balochistan	Kech	1	0	0	1	Drown in flood water
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	
<b>Total</b>		<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	

b. **Injuries**

Province / Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	-	0	0	0	0	
Punjab	Narowal	0	1	1	2	Roof Collapse
Sindh	-	0	0	0	0	
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
ICT	-	0	0	0	0	
<b>Total</b>		<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	

2. **Damage of Infrastructure & Private Properties (Last 24 hours)**a. **Houses Damage and Livestock Perished**

Province / Region	District	House Damage			Livestock
		Partial	Ful	Total	
Balochistan	-	0	0	0	
KP	-	0	0	0	
Punjab	Narowal	1	0	1	
Sindh	-	0	0	0	
Gilgit Baltistan	-	0	0	0	
AJ&K	-	0	0	0	
ICT	-	0	0	0	
<b>Total</b>		<b>1</b>	<b>0</b>	<b>1</b>	

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	Sherani	1 KM	Partially	Now opened	-	-	-	-
KP	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-	-
Gilgit Baltistan	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-
<b>Total</b>	-	<b>1</b>	-	-	-	-	-	-

3. **Cumulative Casualties - Deaths / Injuries (From 1300 Hours 30 June 2024 to 1300 Hours 1 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	0	1	1	2
Sindh	0	0	0	0	0	0	0	0
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
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>

4. **Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 30 June 2024 to 1300 Hours 1 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	1	0	0	0
Sindh	0	0	0	0	0	0
Gilgit Baltistan	0	0	0	0	0	0
AJ&K	0	0	0	0	0	0
ICT	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>



- (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-017/24

Dated: - 01<sup>st</sup> July, 2024  
Time: - 11:30 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)	<b>TARBELA</b> Current: 1473.80 Max. Conservation: 1550.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	<b>MANGLA</b> Current: 1184.60 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	235.0	115.0	235-260	Low	832.0 (2010)	235.0
	Kalabagh	950	221.3	213.4	210-240	Below Low	950.0 (1942)	232.6
	Chashma	950	208.7	200.0	210-230	-do-	1038.9 (2010)	234.0
	Taunsa	1100	194.6	170.1	No Sig. change	-do-	960.0 (2010)	207.5
	Guddu	1200	111.8	85.8	-do-	-do-	1199.7 (1976)	176.6
	Sukkur	1500	55.0	18.2	-do-	-do-	1166.6 (1986)	135.5
	Kotri	875	61.6	19.3	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	85.7	85.7	80-95	Low to Medium	391.3 (1990)	96.6
JHELUM	Mangla	1060	50.0	16.6	50-80	Low	1090.0 (1992)	70.0
	Rasul	850	36.1	15.8	No Sig. change	Below Low	952.2 (1992)	66.1
CHENAB	Marala	1100	64.2	32.9	60-90	-do-	1100.0 (1957)	74.8
	Khanki	1100	46.4	38.5	45-70	-do-	1086.5 (1959)	53.5
	Qadirabad	807	57.2	37.6	50-70	-do-	948.5 (1992)	57.2
	Trimmu	645	22.7	5.3	No Sig. change	-do-	944.0 (1928)	42.3
	Punjnad	700	13.9	0.0	-do-	-do-	802.5 (1973)	33.8
RAVI	Jassar	275	3.9	3.9	5-15	-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	16.7	3.3	-do-	-do-	598.9 (1955)	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)

**(Shahid Abbas)**  
Chief Meteorologist  
FFD Lahore

www.ffd.pmd.gov.pk | Email: ffdlhr@yahoo.com

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

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

BULLETIN No. A-017/24

Dated: - 01st July, 2024  
Time: - 11:30 hours (PST)

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. President Secretariat, Islamabad.</li> <li>2. PM House, Islamabad.</li> <li>3. Federal Minister for Water Resources, Islamabad.</li> <li>4. Governor (All Provinces).</li> <li>5. Chairman NDMA, Islamabad.</li> <li>6. Chief Minister (All Provinces).</li> <li>7. PM Secretariat, Islamabad.</li> <li>8. Secretary, Aviation Division, Islamabad.</li> <li>9. Secretary, Ministry for Water Resources, Islamabad.</li> <li>10. Secretary, Ministry of Information, Islamabad.</li> <li>11. Secretary, Climate change, Islamabad.</li> <li>12. Chairman NHA, Islamabad.</li> <li>13. Chief Secretary (All Provinces).</li> </ol> | <ol style="list-style-type: none"> <li>14. PDMA'S (D.G's, All Provinces &amp; AJK).</li> <li>15. Chairman, Federal Flood Commission, Islamabad.</li> <li>16. Chairman, Indus River System Authority, Islamabad.</li> <li>17. Chairman, PCRWR, Islamabad.</li> <li>18. The Secretary General, Red Crescent, Islamabad.</li> <li>19. Secretary, Irrigation Department, (All Provinces).</li> <li>20. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi.</li> <li>21. Pakistan Commissioner for Indus Waters (PCW), Islamabad.</li> <li>22. Chief Engineer, Mangla/Tarbela/Chashma.</li> <li>23. Chief Engineer, Irrigation (All Provinces).</li> <li>24. Chief Engineer, (All Barrages).</li> <li>25. Chief Engineer, C.D.O. (Muzaffarabad).</li> <li>26. All other concerned.</li> </ol> |
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**SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:****I: HYDROLOGICAL SITUATION at 0600 PST:**

River Kabul at Nowshera is in a low flood level whereas all the other major rivers are flowing below low flood level.

**II: METEOROLOGICAL FEATURES:**

- a. Yesterday's strong trough of extratropical storm over northern parts of Afghanistan today lies over northeastern parts of Afghanistan and adjoining areas. It is very likely to affect significantly upper half of the country during the current week.
- b. The latest vertical wind analysis over Southwest Asia shows a moderate moisture influx from the Arabian Sea advancing toward the upper catchments of all the major rivers and extending up to 5000 feet. The strength of the moisture incursion from both sources, influenced by a trough of an extratropical storm, is expected to become forceful from 4<sup>th</sup> July.
- c. Steep pressure gradient lies over northern parts of Afghanistan which may produce stronger winds during the current week.
- d. A monsoon trough lies along the foothill of Hamaliya from Bay of Bengal to eastern rivers catchments.
- e. A seasonal low is situated over the northeast of Balochistan and adjoining areas, with a central pressure of approximately 990 hPa.
- f. Current soil conditions within the catchments of the Major Rivers and hill torrents are semi saturated.

**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 FOR NEXT 48-HOURS:**

Current rainfall activity with same intensity is likely to continue.

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

Indus:	Kakul=41, Murree=25, Pashat-Bajaur & Badin=01(each).
Jhelum:	Mangla=57, Kotli=33, Bandi Abbaspur=27, Hajira=17, Talhatta=09, Muzaffarabad (City=06 & Airport=04), Rawalakot=06, Mandibahauddin=03, Garhi Dopatta=02, Chattar Kallas, Palandri & Jhelum=01(each).
Chenab:	Gujranwala=43, Sialkot (Airport=40 & Cantt=02), Barnala=08, Gujrat=03, Marala=Trace.
Ravi:	Lahore [Luckshami=105, Qurtba chock=102, Gulburg=73, Shahi Qilla=72, Gulshan e Ravi=61, Mughal Pura=52, Township & Jail Road=49(each), Misri Shah=47, Upper Mall=45, Samanabad=41, Taj Pura & Iqbal Town=33(each), Airport & Shahdara=30(each), Johar Town=12], Narowal=33, Faisalabad= (Dogar Basti=10, Alama Iqbal colony=06 & Madina Town=02).
Sutlej:	Kasur=03.
Others:	Lasbela=04.

**(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.

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**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: 01<sup>st</sup> July 2024



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

Data source: [www.bhmb.gov.in](http://www.bhmb.gov.in)  
[www.cwc.gov.in](http://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 Monday 01-07-2024 at 0800 PST**

Stations		Rainfall (mm)		
<b>Punjab</b>				
Lahore	(Lakshmi Chowk 105, Qurtaba Chowk 102, Head Office Wasa 73, Pani Wala Talab 72, Gulshan-e-Ravi 61, Mughalpura 52, City, Nishtar Town 49, Chowk Nakhuda 47, Upper Mall 45, Samanabad 41, Tajpura, Iqbal Town 33, Farrukhabad, A/P 30 & Johar Town 12)			
Mangla	57			
Gujranwala	43			
Sialkot	(A/P 40 & City 02)			
Narowal	33			
Murree	25			
Sheikhupura	06			
Gujrat, Kasur & Mandi Bahauddin	03			
Jhelum	01			
<b>Khyber-Pakhtunkhwa</b>				
Kakul	41			
Pashat Bajaur	01			
<b>Kashmir</b>				
Bandi Abbaspur	27			
Kotli & Hajira	17			
Barnala	08			
Muzaffarabad	(City 06 & A/P 04)			
Rawalakot	06			
Garhidupatta & Chattar Kalas	01			
<b>Balochistan</b>				
Lasbella	04			
<b>Sindh</b>				
Badin	01			
<b>Gilgit-Baltistan</b>				
NIL				
<b>Snowfall</b>				
Station		Snowfall (Inches)		
NIL				
<b>Maximum Wind Reported</b>				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Lahore (A/P)	45	83	NE	0528
Lahore (City)	30	56	NW	0535
Islamabad (A/P)	26	48	SE	2023
Mandi Bahauddin	20	37	NE	2015
<b>Maximum Water Level at Nullah Lai (Last 24 Hours)</b>				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				