



F.2 (E)/2024-NDMA (MW/SITREP-4)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority (HQ)
Main Murree Road Near ITP Office, Islamabad



Dated: **4 July 2024**

Subject: **NDMA - Monsoon 2024 Daily Situation Report No. 04**

NDMA Monsoon 2024 Daily Situation Report No **04**, covering period from **1300 hours 3 July to 1300 hours 4 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
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 - 04**(PERIOD COVERED: 1300 HOURS 3 JULY 2024 TO 1300 HOURS 4 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	-	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	

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	-	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

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)	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 3 July 2024 to 1300 Hours 4 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	3	6	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	3	7	4	1	1	6

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

Province / Region	Roads (kms)	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	36
Sindh	0	0	0	13	13	16
*Gilgit Baltistan	0.2	1	0	0	0	0
AJ&K	0	0	0	0	0	0

Description	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
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

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.**

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

BULLETIN No. B-020/24

Dated: - 04th July, 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	Widespread thunderstorm/rain	Widespread thunderstorm/rain (Rawalpindi Division)	TARBELA Current: 1491.96 Max. Conservation: 1550.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA Current: 1187.35 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	286.0	124.8	285-300	Low	832.0 (2010)	286.0
	Kalabagh	950	198.2	190.2	No Sig. change	Below Low	950.0 (1942)	233.6
	Chashma	950	206.4	199.8	-do-	-do-	1038.9 (2010)	234.0
	Taunsa	1100	195.4	168.0	-do-	-do-	960.0 (2010)	207.5
	Guddu	1200	143.5	105.3	-do-	-do-	1199.7 (1976)	176.6
	Sukkur	1500	80.1	32.6	-do-	-do-	1166.6 (1986)	135.5
	Kotri	875	38.4	1.3	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	93.0	93.0	85-95	Low to Medium	391.3 (1990)	96.6
JHELUM	Mangla	1060	65.0	29.0	80-110	Low to Medium (sharp peak up to High level)	1090.0 (1992)	70.0
	Rasul	850	16.1	0.0	No Sig. change	Below Low	952.2 (1992)	66.1
CHENAB	Marala	1100	80.7	49.0	80 R 170	Medium	1100.0 (1957)	86.1
	Khanki	1100	56.4	48.2	60 R 160	Low to Medium	1086.5 (1959)	60.1
	Qadirabad	807	65.7	46.2	65-90	Below Low	948.5 (1992)	65.7
	Trimmu	645	33.0	15.6	No Sig. change	-do-	944.0 (1928)	42.3
	Punjad	700	10.1	0.0	-do-	-do-	802.5 (1973)	33.8
RAVI	Jassar	275	2.1	2.1	3-15	-do-	680.0 (1955)	5.3
	Shahdara	250	14.1	14.1	No Sig. change	-do-	576.0 (1988)	16.2
	Balloki	225	33.9	7.3	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	18.4	2.3	-do-	-do-	330.2 (1988)	18.4
SUTLEJ	G.S. Wala	--	0.4	0.4	-do-	-do-	837.0 (1955)	0.7
	Sulemanki	325	16.5	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)

--sd/--
(Shahid Abbas)
Chief Meteorologist
FFD Lahore

www.ffd.pmd.gov.pk | Email: ffdhr@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-020/24

Dated: - 04th July, 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 (PCWI), 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 medium flood level where as all the other major rivers are flowing below low flood level. 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 same period. Urban flooding is also expected in Lahore, Sialkot, Gujranwala, Narawal, Rawalpindi, Faisalabad and Peshawar from 04th to 07th July.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's strong trough of an extratropical storm over the northeastern parts of Afghanistan and adjoining areas moved eastwards and today lies over the northern parts of the country. It is expected to remain stagnant for the next three days and is likely to significantly affect the upper half of the country including upper catchment areas in India, from the 4th to the 7th.
- b. Presence of sub-tropical jet stream over north of the country with speeds of more than 100 kt 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 Arabian Sea as well as Bay of Bengal, advancing toward the upper catchments of all the major rivers and extending up to 5000 feet. Influenced by a trough of an extratropical storm and the jet stream over the northern part of the country, along with the divergence of winds along the foothills of the Himalayas in India towards Pakistan, is resulting in strengthening of this moisture incursion.
- d. Steep pressure gradient persists over northeastern parts of Afghanistan which may produce stronger winds up to 7th July.
- e. Yesterday's marked Monsoon trough along the foothill of Hamaliya from Bay of Bengal to eastern rivers catchments persists.
- f. A seasonal low is situated over the northeast Balochistan and adjoining areas, with a central pressure below 992 hPa. Its trough is extending northwards.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Widespread moderate to heavy thunderstorm rain/ showers with isolated very heavy falls is expected over the upper catchments of all the major rivers along with Khyber Pakhtunkhwa and Punjab except Multan and Bahawalpur Division where isolated thunderstorm rain may occur.

IV: WEATHER OUTLOOK:

Current wet spell is likely to continue up to 7th July with same intensity.

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

<p>Indus: Islamabad[Chaklala (Airbase)=44, Shamsabad=39, Golra=28, PMD Headquarters=23, Bokra=20, Saidpur=19 & New Airport=14], Lower Dir=34, Tarbela=25, Barkhan=11, Pashat-Bajaur=06, Takht Bai=05, Bosak Bidge=03, Buner, Dratian, Murree, Khaar-Bajaur, Attock, Mardan & Risalpur=01(each), Arandu Nullah, Kamra (Airbase), Karor(Layyah) & Bhakkar=Trace(each).</p> <p>Jhelum: Mangla=56, Kallar=25, Jhelum=22, Chakwal=11, Garhi Dopatta=07, Kotli=06, Muzaffarabad[City=06 & Airport=05], Hajira=04, Baba Shah Jalal=03, Bandi Abbaspur=02, Panjera & Rawalakot=01(each), Mandibahauddin=Trace.</p> <p>Chenab: Sialkot (Cantt=43 & Airport=18), Gujrat=35, Gujranwala=13, Marala=02.</p> <p>Ravi: Narawal=32, Lahore[Airport=09, Qurtba chock=04, City & Upper Mall=03(each), Luckshami, Taj Pura & Johar Town=02(each),Head Office WASA=01, Shahi Qilla, Mughal Pura, Samanabad, Shahdara & Misri Shah=Trace(each)], Zafarwal=02.</p> <p>Sutlej: Kasur=04.</p> <p>Others: -Nil-</p>
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--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>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 MUMHAMMAD)
Deputy Commissioner for Indus Waters
Tele: 051-9244674

Data source: www.blmh.gov.in
www.cwc.gov.in

Copy forwarded by Fax to:

1. Secretary, Ministry of Water Resources, Islamabad.
2. Chief Secretary, Gilgit/Baltistan, 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/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 (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 Thursday 04-07-2024 at 0800 PST

Stations		Rainfall (mm)		
Punjab				
Rawalpindi	(Chaklala AP 44, Shamsabad 39 & Katcheri 16)			
Mangla	44			
Sialkot	(City 43 & AP 18)			
Gujrat	35			
Narowal	32			
Islamabad	(Golra 28, ZP 22, Bokra 20, Saidpur 19 & AP 14)			
Jhelum	22			
Gujranwala	13			
Lahore	(AP 09 & City 03)			
Kasur	04			
Murree & Attock	01			
Mandi Bahauddin, Layyah & Bhakkar	Trace			
Khyber-Pakhtunkhwa				
Dir	(Lower 34)			
Bajaur	(Pashat 06 & Khaar 01)			
Mardan	05			
Buner	01			
Balochistan				
Barkhan	11			
Kashmir				
Garhidupatta	08			
Kotli	06			
Muzaffarabad	(City 06 & AP 05)			
Hajira	04			
Bandi Abbaspur	02			
Rawalakot & Panjera	01			
Sindh				
NIL				
Gilgit-Baltistan				
NIL				
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Lahore (AP)	40	74	NE	0430
Mangla	25	46	N	0012
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
Gawalmandi	7.5	0310	Normal	
Kattarian	6.5	0240	Normal	