

**MOST IMMEDIATE / BY FAX**



F.2 (E)/2024-NDMA (MW/SITREP-13)  
**Government of Pakistan**  
**Prime Minister's Office**  
**National Disaster Management Authority (HQ)**  
Main Murree Road Near ITP Office, Islamabad



Dated: 13 July 2024

Subject: **NDMA - Monsoon 2024 Daily Situation Report No. 13**

NDMA Monsoon 2024 Daily Situation Report No 13, covering period from **1300 hours 12 July to 1300 hours 13 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 - 13**  
**(PERIOD COVERED: 1300 HOURS 12 JULY 2024 TO 1300 HOURS 13 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	Narowal	1	0	0	<b>9</b>	Sky Lightning
	Lahore	0	0	1		House Collapse
	Sheikhupura	2	3	0		House Collapse
	Bahawalpur	0	0	1		House Collapse
	Faisalabad	1	0	0		House 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>4</b>	<b>3</b>	<b>2</b>	<b>9</b>	

b. **Injuries**

Province / Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	Banu	2	0	1	3	House Collapse
Punjab	Faisalabad	2	3	1	<b>21</b>	House Collapse
	Gujranwala	1	1	0		House Collapse
	Gujrat	1	0	1		House Collapse
	Sheikhupura	5	2	4		House 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>11</b>	<b>6</b>	<b>7</b>	<b>24</b>	

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	Banu	1	5	6	0
	North Waziristan	0	2	2	0

Province / Region	District	House Damage			Livestock
		Partial	Full	Total	
Punjab	Faisalabad	3	0	11	0
	Gujranwala	1	0		
	Gujrat	1	0		
	Lahore	1	0		
	Sheikhupura	4	0		
	Bahawalnagar	1	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>12</b>	<b>7</b>	<b>19</b>	<b>0</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 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	-	-	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-	-	-

3. **Cumulative Casualties - Deaths / Injuries (From 1300 Hours 1 July 2024 to 1300 Hours 13 July 2024):-**

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	2	0	0	2	0	0	0	0
KP	2	1	1	4	14	14	19	47
Punjab	6	4	8	18	23	16	22	61
Sindh	4	0	4	8	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
<b>Total</b>	<b>14</b>	<b>5</b>	<b>14</b>	<b>33</b>	<b>42</b>	<b>30</b>	<b>41</b>	<b>113</b>





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 13 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-029/24

Dated: - 13<sup>th</sup> 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)	<b>RESERVOIRS LEVEL (FEET) at (0600 PST)</b>
INDUS	Scattered thunderstorm/rain	Scattered thunderstorm/rain (Rawalpindi Division)	
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	Isolated thunderstorm/rain (Lahore Division)	
SUTLEJ	-do-	-do- (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	185.0	163.2	180-190	Below Low	832.0 (2010)	296.0
	Kalabagh	950	172.6	164.6	190-220	-do-	950.0 (1942)	234.2
	Chashma	950	248.4	245.8	No Sig. change	-do-	1038.9 (2010)	254.4
	Taunsa	1100	199.1	180.6	200-230	-do-	960.0 (2010)	223.4
	Guddu	1200	186.3	151.4	No Sig. change	-do-	1199.7 (1976)	189.9
	Sukkur	1500	135.7	82.3	-do-	-do-	1166.6 (1986)	135.7
	Kotri	875	41.2	3.2	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	70.6	70.6	70-95	Low to Medium	391.3 (1990)	96.6
JHELUM	Mangla	1060	33.0	19.6	40-60	Below Low	1090.0 (1992)	114.6
	Rasul	850	17.9	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	66.1	38.3	60-90	-do-	1100.0 (1957)	98.9
	Khanki	1100	32.8	24.9	No Sig. change	-do-	1086.5 (1959)	95.1
	Qadirabad	807	43.7	27.7	-do-	-do-	948.5 (1992)	93.1
	Trimmu	645	20.4	5.2	-do-	-do-	944.0 (1928)	46.5
	Punjnad	700	35.2	21.4	-do-	-do-	802.5 (1973)	35.2
RAVI	Jassar	275	6.4	6.4	5-15	-do-	680.0 (1955)	6.4
	Shahdara	250	17.8	17.8	-do-	-do-	576.0 (1988)	17.8
	Balloki	225	34.9	8.1	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	19.7	5.2	-do-	-do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	4.3	4.3	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	19.1	7.8	-do-	-do-	598.9 (1955)	46.2
	Islam	300	8.5	6.6	-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-029/24

Dated: - 13<sup>th</sup> July, 2024

Time: - 11:20 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.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. (Muzaffargarh).
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. **Medium to High level flows are expected in Hill torrents of DG Khan Division during next 24-hour.**

**II: METEOROLOGICAL FEATURES:**

- a. Yesterday's trough of westerly wave over northeastern parts of Afghanistan and adjoining areas, today lies over Kashmir and adjoining areas. It is very likely to move away eastwards during next 24-hours.
- b. Moderate to strong moisture incursion from the Arabian Sea is converging over South Punjab and adjoining area of Sindh and Balochistan up to 5000 feet, while moisture from the Bay of Bengal is still cut off.
- c. Well-marked Seasonal low is located over northeast Balochistan and adjoining areas with central pressure below 990 hPa.
- d. Monsoon trough axis lies along the foothill of Himalaya.
- 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 thunderstorm/rain of moderate to heavy intensity is expected over the upper catchment of rivers Indus and Kabul along with DG Khan, Zhob, Kalat, Nasirabad and Sibbi Division. Scattered thunderstorm/rain of moderate intensity is expected over the upper catchment of Rivers Jhelum, Chenab, Ravi and Sutlej along with Islamabad & Rawalpindi, Gujranwala, Sargodha, Peshawar, Kohat, Bannu, D.I Khan & Larkana Divisions. Isolated thunderstorms/rain of moderate intensity is expected over Lahore, Faisalabad, Sahiwal Multan & Bahawalpur Divisions.

**IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:**

Intensity of wet spell is likely to decrease.

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

Indus:	Barkhan=43, Bhakkar=33, DG Khan [ Vehova=30, Airport=29, Zain Sanghar=10], D.I.Khan(City=21 & Airport=14), Khawagoobo Bridge=27, Layyah(Krore)=20, Tarbela=05, Lower Dir, Bhandu Wala & Rahim Yar Khan=04(each), Daggar, Malam Jabba & Attock=03(each), Dir & Mianwali (Airbase)=02(each), Phulra, Khaar-Bajaur, Saidu Sharif & Bannu=01(each), Bunji & Khanpur=Trace(each).
Jhelum:	Sargodha (Airbase=68 & City=58), Jhelum=21, Mandibahauddin=16, Mangla=10, Joharabad=09, Kallar=05, Chakwal=04, Hajira, Tandali & Baba Shah Jalal=01(each).
Chenab:	Kot Addu=40, Sialkot (Cantt=27 & Airport=20), Hafizabad & Gujranwala=25(each), Gujrat=11, Jhang=09, Multan [ City=08 & Airport=07], Shorkot (Airbase)=08, Muzaffargarh=03, Marala=02, Alexandra Bridge=01, Noorpur Thal=Trace.
Ravi:	Lahore [ Taj Pura=160, Township=132, Shahdara=114, Misri Shah & Iqbal Town=99(each), Luckshami & Samanabad=97(each), Mughal Pura & Johar Town=87(each), Gulshan e Ravi=83, Qurtba chowk=82, Shahi Qilla=80, Upper Mall=79, Gulburg=64, City=31, Airport=25], Faisalabad [Gulam Muhammadd Abad=89, Madina Town=86, Dogar Basti=81, Gulistan Colony=76, Allama Iqbal Colony=73, Airport=40], T.T. Singh=48, Sheikhpura=37, Sahiwal=18, Okara=15, Khanewal & Zafarwal=03(each), Narowal=01.
Sutlej:	Bahawalnagar=35, Kasur=13, Bahawalpur (Airport=08 & City=04).
Others:	Sibbi=10, Karachi (Airport) & Zhob=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.  
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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>1.846</u> 11.07.2024	1596.83	37	56
ii. Pong Dam on River Beas	1390	4.991	<u>1.194</u> 11.07.2024	1315.39	24	67
iii. Thein Dam on River Ravi	1732	1.900	<u>0.583</u> 11.07.2024	1646.34	31	80

The data is being shared for flows information,  
Dated: 12<sup>th</sup> July 2024



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

Data source: [www.hbmb.gov.in](http://www.hbmb.gov.in)  
[www.ewc.gov.in](http://www.ewc.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. (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 Saturday 13-07-2024 at 0800 PST				
Stations		Rainfall (mm)		
<b>Punjab</b>				
Lahore		(City 69 & AP 47)		
Sargodha		58		
T.T.Singh		48		
Faisalabad & Kot Addu		40		
Sheikhupura		37		
Bahawalnagar		35		
Bhakkar		33		
D.G.Khan		(Vehova 30, City 29 & Zain Sanghar Nullah 10)		
Sialkot		(City 27 & AP 20)		
Gujranwala & Hafizabad		25		
Jhelum		21		
Layyah		20		
Sahiwal		18		
Mandi Bahauddin		16		
Okara		15		
Kasur		13		
Gujrat		11		
Mangla		10		
Joharabad & Jhang		09		
Bahawalpur		(AP 08 & City 04)		
Multan		(City 08 & AP 07)		
Chakwal & Rahim Yar Khan		04		
Rajanpur		(Bhandu Wala 04)		
Attock & Khanewal		03		
Narowal		01		
Noorpurthal & Khanpur		Trace		
<b>Balochistan</b>				
Barkhan		43		
Sibbi		10		
Zhub		Trace		
<b>Khyber-Pakhtunkhwa</b>				
D.I.Khan		(City 21 & AP 14)		
Dir		(Lower 04 & Upper 02)		
Malam Jabba		03		
Saidu Sharif, Bajaur (Khaar) & Bannu		01		
<b>Kashmir</b>				
Tandali & Hajira		01		
<b>Gilgit-Baltistan</b>				
Bunji		Trace		
<b>Sindh</b>				
Karachi		Trace		
<b>Maximum Wind Reported</b>				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Bahawalpur (City)	42	78	N	1650
T.T Singh	40	74	NE	1330
Multan (AP)	35	65	NE	1532
Sialkot (AP)	35	65	NW	0935
Faisalabad	35	65	NE	1315
Lahore (AP)	32	59	N	0832
Mangla	30	56	N	0805
Islamabad (AP)	30	56	SE	1436
Layyah	26	48	N	1705
<b>Maximum Water Level at Nullah Lai (Last 24 Hours)</b>				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				



# FFD Discharge Report

Recorded at: 13-Jul-2024 12:00 PST

River	Site	Inflow		Outflow	
Indus	Tarbela	185,000	→	162,600	NORMAL
	Kalabagh	187,528	↗	179,538	NORMAL
	Chashma	229,666	↘	224,928	NORMAL
	Taunsa	199,139	→	180,639	NORMAL
	Guddu	186,265	→	151,413	NORMAL
	Sukkur	135,685	→	82,275	NORMAL
	Kotri	44,410	↗	3,985	NORMAL
Kabul	Nowshera	65,500	↘	65,500	LOW
Jhelum	Mangla	30,000	↘	19,115	NORMAL
	Rasul	15,025	↘	0	NORMAL
Chenab	Marala	60,697	↘	32,972	NORMAL
	Khanki	42,141	↗	34,180	NORMAL
	Q.Abad	43,706	→	27,706	NORMAL
	Trimmu	27,819	↗	12,569	NORMAL
	Panjnad	34,991	↘	21,441	NORMAL
Ravi	Jassar	6,184	↘	6,184	NORMAL
	Shahdara	18,365	↗	18,365	NORMAL
	Balloki	36,215	↗	9,265	NORMAL
	Sidhnai	19,888	↗	5,288	NORMAL
Sutlej	GS Wala	2,810	↘	2,810	NORMAL
	Sulemanki	19,132	→	7,822	NORMAL
	Islam	8,059	↘	6,609	NORMAL

DAM	Current Level		Max Level	Dead Level
Tarbela Dam	1523.55	(+0.21)	1550	1402
Mangla Dam	1194.05	(+0.05)	1242	1050

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