

MOST IMMEDIATE / BY FAX



F.2 (E)/2024-NDMA (MW/SITREP-15)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority (HQ)
Main Murree Road Near ITP Office, Islamabad



Dated: **15 July 2024**

Subject: **NDMA - Monsoon 2024 Daily Situation Report No. 15**

NDMA Monsoon 2024 Daily Situation Report No **15**, covering period from **1300 hours 14 July to 1300 hours 15 July 2024** is enclosed for information / necessary action, please.

(Hammad Sadiq Rana)
(Director (Response))
Tel No: 051-9030924
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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 - 15
(PERIOD COVERED: 1300 HOURS 14 JULY 2024 TO 1300 HOURS 15 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	Bajaur	0	0	1	1	House Collapse
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	1	1	

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	Bajaur	1	0	1	3
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		1	0	1	3

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	Skardu	20 mtr	Partially	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
Total	-	20 mtr	-	-	-	-	-	-	-

3. **Cumulative Casualties - Deaths / Injuries (From 1300 Hours 1 July 2024 to 1300 Hours 15 July 2024):-**

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	2	0	0	2	0	0	0	0
KP	5	1	1	7	14	14	20	48
Punjab*	6	5	13	24	31	20	29	80
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
Total	17	6	19	42	50	34	49	133

*The Figures has been reconciled with PDMA Punjab and 3x injuries has been reduced.

4. **Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 15 July 2024):-**

Province / Region	Roads (kms)	Bridges	House Damage			Livestock
			Partial	Full	Total	
Balochistan	0	0	0	0	0	0
KP	0	1	55	27	82	31
Punjab	0	0	40	0	40	36
Sindh	0	0	0	13	13	16
Gilgit Baltistan	0.31	1	0	0	0	0
AJ&K	0	0	1	0	1	0
ICT	0	0	0	0	0	0
Total	0.31	2	96	40	136	83

- (1) **Employment of Boats.** NTR.
- (2) **Employment of Aviation Activates.** NTR.
- (3) **Cumulative Relief Activities by PDMAs/SDMA/GBDMA (From 1300 Hours 1 July 2024 To 1300 Hours 15 July 2024):-**

Relief Items	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
Tents	0	8	0	0	4	0	0	12
Ration Bags	0	0	0	0	62	0	0	62
Blankets	0	16	0	0	0	0	0	16
Quilts	0	0	0	0	0	0	0	0
Net Mosquito	0	0	0	0	0	0	0	0
Plastic Mats	0	10	0	0	0	0	0	10
Mattress	0	0	0	0	0	0	0	0
Sleeping Bags	0	0	0	0	0	0	0	0
Kitchen Sets	0	8	0	0	0	0	0	8
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
Gabions	0	0	0	0	45	0	0	45
Sand Bags	0	0	0	0	100	0	0	100
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.**
12. **FFD Discharge Report Recorded at 15 July 2024 12:00 PST.** Attached at **Annex E.**

Note: SITREP data is preliminary as provided by respective PDMAs / GBDMA / SDMA / ICT Administration, Govt Depts and is subject to change.

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

BULLETIN No. B-031/24

Dated: - 15th 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	Isolated thunderstorm/rain	Isolated thunderstorm/rain (Rawalpindi Division)	TARBELA Current: 1523.91 Max. Conservation: 1550.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA Current: 1195.05 Max Conservation: 1242.00
RAVI	-do-	-do- (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	176.0	163.2	165-175	Below Low	832.0 (2010)	296.0
	Kalabagh	950	229.7	221.8	220-245	-do-	950.0 (1942)	234.2
	Chashma	950	234.7	225.2	220-245	-do-	1038.9 (2010)	254.4
	Taunsa	1100	209.9	187.4	No Sig. change	-do-	960.0 (2010)	223.4
	Guddu	1200	179.5	141.8	-do-	-do-	1199.7 (1976)	192.9
	Sukkur	1500	134.1	81.6	-do-	-do-	1166.6 (1966)	140.3
	Kotri	875	51.2	8.4	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	67.9	67.9	60-70	Low	391.3 (1990)	96.6
JHELUM	Mangla	1060	28.0	15.0	25-45	Below Low	1090.0 (1992)	114.6
	Rasul	850	10.1	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	50.0	22.2	45-55	-do-	1100.0 (1957)	98.9
	Khanki	1100	21.1	13.1	No Sig. change	-do-	1086.5 (1959)	95.1
	Qadirabad	807	24.4	8.4	-do-	-do-	948.5 (1992)	93.1
	Trimmu	645	32.3	16.9	-do-	-do-	944.0 (1928)	46.5
	Punjinad	700	25.0	11.2	-do-	-do-	802.5 (1973)	35.2
RAVI	Jassar	275	4.7	4.7	5-7	-do-	680.0 (1955)	7.1
	Shahdara	250	14.9	14.9	No Sig. change	-do-	576.0 (1988)	18.4
	Balloki	225	34.4	7.0	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	16.5	1.7	-do-	-do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	2.0	2.0	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	19.4	7.4	-do-	-do-	598.9 (1955)	46.2
	Islam	300	8.2	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-031/24

Dated: - 15th 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/Tarbel/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 lies over northwestern parts of Afghanistan today lies over North part of the Afghanistan.
- b. As predicted, moisture from the Bay of Bengal has revived to penetrate upper part of the country up to 3000 feet, it likely to strengthen during coming days, while moisture from Arabian Sea is cut off temporarily.
- c. Light variable winds over most parts of Punjab are favorable for local convective development.
- d. Weak Seasonal low is located over east Balochistan and adjoining areas.
- e. Weak monsoon trough lies south off the foothill of Himalaya range.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Isolated thunderstorm/rain of moderate intensity is expected over the upper catchments of all the Major rivers along with Islamabad, Punjab, South Sindh & Peshawar, Kohat, Bannu, D.I khan and Kalat Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Monsoon activity is likely to remain subdued during the next 48 hours; however, it is very likely to moderately reinstate after 48 hours.

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

- Indus: Chitral=09, Chowni Bridge Chitral=06, Mirkhani=05, Gupis=04, Bagrote, Drosh & Dir=03(each), Khawagoobo Bridge, Bunji, Pashat-Bajaur, Gilgit & Kalam=01(each), Barkhan, Skardu & Chaklala (Airbase)=Trace(each).
- Jhelum: Palandri=19, Chattar Kallas=08, Dhulli, Panjera & Rawalakot=06(each), Bandi Abbaspur=05, Chakothi=03, Garhi Dopatta=02, Sharda, Hajira & Tandali=Trace(each).
- Chenab: Jhang=Trace.
- Ravi: -Nil-
- Sutlej: -Nil-
- Others: Zhob=20, Sibbi=08.

--sd/--

(Shahid Abbas)
Chief Meteorologist
FFD Lahore

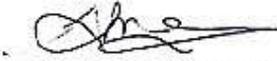
By Fax

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>1.846</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: 12th July 2024



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

Data source: www.bhmb.gov.in
www.evc.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/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. XJEN Irrigation, Marala Headwork.
24. XJEN 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 15-07-2024 at 0800 PST				
Stations		Rainfall (mm)		
Balochistan				
Zhob		20		
Barkhan		Trace		
Kashmir				
Chattar Kalas		08		
Rawalakot, Dhulli & Panjera		06		
Bandi Abbaspur		05		
Chakothe		03		
Garhidupatta		01		
Hajira & Tandali		Trace		
Khyber-Pakhtunkhwa				
Mirkhani		05		
Drosh		03		
Dir (Upper)		02		
Chitral, Kalam & Pashat (Bajaur)		01		
Gilgit-Baltistan				
Gupis		04		
Bagrote		03		
Gilgit & Bunji		01		
Chillas & Skardu		Trace		
Punjab				
Rawalpindi (Chaklala) & Jhang		Trace		
Sindh				
NIL				
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Islamabad (Z/P)	30	56	E	1640
Islamabad (A/P)	28	52	S	1440
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				



FFD Discharge Report

Recorded at: 15-Jul-2024 12:00 PST

River	Site	Inflow		Outflow	
Indus	Tarbela	172,000	↘	163,300	NORMAL
	Kalabagh	252,912	↗	244,922	NORMAL
	Chashma	236,163	↗	225,028	NORMAL
	Taunsa	207,323	↘	183,323	NORMAL
	Guddu	179,515	→	141,754	NORMAL
	Sukkur	134,050	→	81,640	NORMAL
	Kotri	51,160	→	8,405	NORMAL
Kabul	Nowshera	64,400	↘	64,400	LOW
Jhelum	Mangla	28,000	→	15,000	NORMAL
	Rasul	8,263	↘	0	NORMAL
Chenab	Marala	44,665	↘	16,865	NORMAL
	Khanki	24,883	↗	8,089	NORMAL
	Q.Abad	21,407	↘	8,407	NORMAL
	Trimmu	32,331	→	16,881	NORMAL
	Panjnad	23,856	↘	10,076	NORMAL
Ravi	Jassar	4,660	→	4,660	NORMAL
	Shahdara	14,945	→	14,945	NORMAL
	Balloki	33,805	↘	5,805	NORMAL
	Sidhnai	16,456	→	1,656	NORMAL
Sutlej	GS Wala	2,000	→	2,000	NORMAL
	Sulemanki	19,445	→	7,389	NORMAL
	Islam	8,209	→	6,609	NORMAL

DAM	Current Level		Max Level	Dead Level
Tarbela Dam	1523.96	(+0.05)	1550	1402
Mangla Dam	1195.10	(+0.05)	1242	1050

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