

MOST IMMEDIATE / BY FAX



F.2 (E)/2024-NDMA (MW/SITREP-18)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority (HQ)
Main Murree Road Near ITP Office, Islamabad



Dated: **18 July 2024**

Subject: **NDMA - Monsoon 2024 Daily Situation Report No. 18**

NDMA Monsoon 2024 Daily Situation Report No **18**, covering period from **1300 hours 17 July to 1300 hours 18 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 - 18
(PERIOD COVERED: 1300 HOURS 17 JULY 2024 TO 1300 HOURS 18 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	
KPK	Charsadda	1	1	0	2	Structural Collapse (Room Collapsed)
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	1	0	2	

b. **Injuries**

Province / Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KPK	Charsadda	0	1	0	1	Structural Collapse (Room Collapsed)
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	1	0	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
KPK	Charsadda	2	0	2	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		2	0	2	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 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	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-

3. Cumulative Casualties - Deaths / Injuries (From 1300 Hours 1 July 2024 to 1300 Hours 18 July 2024):-

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	2	0	0	2	0	0	0	0
KP	6	2	1	9	14	15	20	49
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	18	7	19	44	50	35	49	134

4. Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 18 July 2024):-

Province / Region	Roads (kms)	Bridges	House Damage			Livestock
			Partial	Full	Total	
Balochistan	0	0	0	0	0	0
KP	0	1	57	27	84	31
Punjab	0	0	40	0	40	36
Sindh	0	0	0	13	13	16
Gilgit Baltistan*	0.34	1	0	0	0	0
AJ&K	0	0	1	0	1	0
ICT	0	0	0	0	0	0
Total	0.34	2	98	40	138	83

*GBDMA has reconciled the cumulative road damaged figures and has added 0.030 Km.

- (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 18 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 18 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-034/24

Dated: - 18th 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: 1520.02 Max. Conservation: 1550.00 MANGLA Current: 1196.15 Max Conservation: 1242.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
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	149.0	248.6	150-165	Below Low	832.0 (2010)	296.0
	Kalabagh	950	222.6	214.6	240-280	Low	950.0 (1942)	254.6
	Chashma	950	246.8	235.3	240-280	-do-	1038.9 (2010)	273.4
	Taunsa	1100	222.2	195.7	No Sig. change	Below Low	960.0 (2010)	223.4
	Guddu	1200	176.9	138.0	-do-	-do-	1199.7 (1976)	192.9
	Sukkur	1500	127.8	75.7	-do-	-do-	1166.6 (1986)	140.3
	Kotri	875	68.7	26.0	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	52.7	52.7	50-70	Low	391.3 (1990)	96.6
JHELUM	Mangla	1060	51.0	15.0	30-50	Below Low	1090.0 (1992)	114.6
	Rasul	850	7.9	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	53.6	27.6	80-110	Low	1100.0 (1957)	98.9
	Khanki	1100	36.6	30.2	80-110	-do-	1086.5 (1959)	95.1
	Oadirabad	807	29.2	16.2	70-100	-do-	948.5 (1992)	93.1
	Trimmu	645	25.2	9.4	No Sig. change	Below Low	944.0 (1928)	46.5
	Punjinad	700	20.7	6.9	-do-	-do-	802.5 (1973)	35.2
RAVI	Jassar	275	2.1	2.1	-do-	-do-	680.0 (1955)	7.1
	Shahdara	250	11.2	11.2	-do-	-do-	576.0 (1988)	18.4
	Balloki	225	25.1	0.6	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	19.0	3.3	-do-	-do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	1.0	1.0	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	13.5	2.5	-do-	-do-	598.9 (1955)	46.2
	Islam	300	6.6	5.0	-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)

(Shahid Abbas)
 Chief Meteorologist
 FFD Lahore

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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-034/24

Dated: - 18th July, 2024
Time: - 11:00 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 low flood level, whereas all the other major rivers are flowing below low flood level. Low to medium level flows are expected in the mullah's of river Chenab.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of westerly wave continues to persist over northeastern parts of Afghanistan and adjoining Pakistan.
- b. Synoptic analysis shows moderate pressure gradient over northern parts of Afghanistan.
- c. Light to moderate moisture from Bay of Bengal and Arabian sea is penetrating upper parts of the country up to 5000 feet.
- d. Monsoon trough lies south off the foothills of the Himalayas. It is likely to become more marked.
- e. A low-pressure area over northwest Bay of Bengal is likely to form during next 24-hours.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered thunderstorm/rain of moderate intensity is expected over the upper catchments of all the Major rivers along with South Sindh, Islamabad, Punjab and Kalat Divisions. Isolated thunderstorm rain is expected over Zhob, Sibbi and Nasirabad Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

No significant change.

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

Indus:	Peshawar (Airbase=40, City=28 & Bacha Khan Airport=26), Kohat (Airbase)=22, Chaklala [Airbase=21, Golra=12, Shamsabad=10, Zeropoint=09, Chaklala Katcheri & Bokra=06(each), Saidpur=05, New Airport=02], Mianwali (Airbase)=20, Tanda Dam=09, Chhor=08, Dir=06, Shaheed Benazirabad=05, Mithi, Landi Kotal & Sakrand=03(each), Malam Jabba & Risalpur=02(each), D.G Khan (Zain Sanghar), Ghalanai, Khawagoobo Bridge, Kamra (Airbase), Attock & Tarbela=01(each), Arandu Nullah, Warsak Dam, Gilgit, Bannu, Bhakkar, D.I.Khan, Layyah & Murree=Trace(each).
Jhelum:	Jhelum=53, Mangla=38, Mandibahauddin=27, Dhulli=17, Kotli=04, Chakwal=03, Panjera=02, Bandi Abbaspur, Baba Shah Jalal & Balakot=01(each), Hajira & Joharabad=Trace(each).
Chenab:	Hafizabad=15, Sialkot (Cantt=15 & Airport=13), Gujranwala=11, Gujrat=07, Marala=01.
Ravi:	-Nil-
Sutlej:	-do-
Others:	Zhob=08.

(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 Thursday 18-07-2024 at 0800 PST				
Stations		Rainfall (mm)		
Punjab				
Jhelum		53		
Mangla		38		
Mandi Bahauddin		27		
DG Khan		(Vehova 25, Zain Sanghar Nullah 01)		
Rawalpindi		(Chaklala 21, Shamsabad 10)		
Hafizabad		15		
Sialkot		(City 15, AP 13)		
Islamabad		(Golra 12, ZP 09, Bokra 06, Saidpur 05, AP 02)		
Gujranwala		11		
Gujrat		07		
Chakwal, Narowal		03		
Attock		01		
Joharabad, Layyah, Bhakkar, Murree		Trace		
Khyber-Pakhtunkhwa				
Peshawar		(City 28, AP 40)		
Bacha Khan AP		26		
Dir		(Upper 05)		
Khyber		(Landi Kotal 03)		
Malamjabba		02		
Mohmand		(Ghalanai 01)		
Balakot		01		
Bannu, D.I Khan		Trace		
Kashmir				
Dhulli		17		
Kotli		04		
Panjera		02		
Bandi Abbaspur, Hajira		Trace		
Sindh				
Chhor		08		
Shaheed Benazirabad		05		
Sakrand, Mithi		03		
Balochistan				
Zhub		08		
Gilgit-Baltistan				
Gilgit		Trace		
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Mangla	35	65	NW	0438
Islamabad (ZP)	20	37	SW	1410
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				



FFD Discharge Report

Recorded at: 18-Jul-2024 06:00 PST

River	Site	Inflow		Outflow	
Indus	Tarbela	149,000	↘	248,600	NORMAL
	Kalabagh	222,594	↘	214,604	NORMAL
	Chashma	246,813	↗	235,313	NORMAL
	Taunsa	222,161	↗	195,661	NORMAL
	Guddu	176,935	↗	138,023	NORMAL
	Sukkur	127,750	↘	75,690	NORMAL
	Kotri	68,663	↗	26,008	NORMAL
Kabul	Nowshera	52,700	↘	52,700	NORMAL
Jhelum	Mangla	51,000	↗	15,000	NORMAL
	Rasul	7,905	→	0	NORMAL
Chenab	Marala	53,571	↘	27,571	NORMAL
	Khanki	36,580	→	30,180	NORMAL
	Q.Abad	29,188	↘	16,188	NORMAL
	Trimmu	25,223	→	9,373	NORMAL
	Panjnad	20,749	↘	6,929	NORMAL
Ravi	Jassar	2,129	→	2,129	NORMAL
	Shahdara	11,230	↘	11,230	NORMAL
	Balloki	25,100	↘	600	NORMAL
	Sidhnai	19,005	→	3,305	NORMAL
Sutlej	GS Wala	1,014	→	1,014	NORMAL
	Sulemanki	13,510	↘	2,502	NORMAL
	Islam	6,628	→	5,028	NORMAL

DAM	Current Level		Max Level	Dead Level
Tarbela Dam	1520.02	(-1.02)	1550	1402
Mangla Dam	1196.15	(+0.3)	1242	1050

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