

MOST IMMEDIATE / BY FAX



F.2 (E)/2024-NDMA (MW/SITREP-14)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority (HQ)
Main Murree Road Near ITP Office, Islamabad



Dated: 14 July 2024

subject: **NDMA - Monsoon 2024 Daily Situation Report No. 14**

NDMA Monsoon 2024 Daily Situation Report No 14, covering period from **1300 hours 13 July to 1300 hours 14 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 - 14
(PERIOD COVERED: 1300 HOURS 13 JULY 2024 TO 1300 HOURS 14 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	Upper Dir	3	0	0	3	Swept away in a flash flood
Punjab	Multan	0	0	2	6	Sky Lightning
	Sargodha	0	0	1		House Collapse
	Vehari	0	1	1		1x House Collapse 1x Solar Penal Fall
	Layyah	0	0	1		Sky Lightning
Sindh	-	0	0	0	0	
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
ICT	-	0	0	0	0	
Total	-	3	1	5	9	

b. **Injuries**

Province / Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	-	0	0	0	0	
Punjab	Layyah	0	1	2	22	House Collapse
	Sheikhupura	0	0	1		House Collapse
	Sargodha	0	0	2		House Collapse
	Vehrai	6	3	3		5x House Collapse 2x Tree Fall 2x Solar Penal Fall
	Faisalabad	4	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	
Total		10	4	8	22	

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	3	0	3	11
Punjab	Sheikhupura	1	0	8	0
	Vehari	5	0		
	Sargodha	1	0		
	Layyah	1	0		
Sindh	-	0	0	0	0
Gilgit Baltistan	-	0	0	0	0
AJ&K	-	0	0	0	0
ICT	-	0	0	0	0
Total		11	0	11	11

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 14 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	19	47
Punjab	6	5	13	24	33	20	30	83
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	52	34	49	135

4. **Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 14 July 2024):-**

Province / Region	Roads (kms)	Bridges	House Damage			Livestock
			Partial	Full	Total	
Balochistan	0	0	0	0	0	0
KP^	0	1	54	27	81	28
Punjab	0	0	40	0	40	36
Sindh	0	0	0	13	13	16
Gilgit Baltistan*	0.29	1	0	0	0	0
AJ&K	0	0	1	0	1	0
ICT	0	0	0	0	0	0
Total	0.29	2	95	40	135	80

^House Damaged figures has been reconciled and updated with PDMA KP.

* The road damaged figures have been reconciled 0.02 has been added in total.

5. **Road Situations** JSR is two way blocked for traffic at Maloopa due to land sliding, machinery has been deployed and will be open in next few hours.

6. **Flood Relief Activities (Last 24 hours)**

Province/Region	Tents	Ration Bags	Blankets	Quilts	Net Mosquito	Plastic Mats	Mattress	Sleeping Bags	Kitchen Sets	Hygiene Kits	First Aid Kits	Jerry can	Tarpaulin	Gas Cylinder	Water Cooler	Gabions	Sand bags
Balochistan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gilgit Baltistan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

a. **Relief Camps Established.** NTR.

b. **Rescue Operations**

(1) **Employment of Boats.** NTR.

(2) **Employment of Aviation Assets.** NTR.

(3) **Relief Activities in Last 24 hours.** NTR.

7. **Cumulative Flood Relief Activities (From 1300 Hours 1 July 2024 to 1300 Hours 14 July 2024):-**

a. **Cumulative State of Relief Camps Established by PDMAs/SDMA/GBDMA:-**

Relief Items	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
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 14 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-030/24

Dated: - 14th 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: 1524.20 Max. Conservation: 1550.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA Current: 1194.60 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	189.0	163.3	190-200	Below Low	832.0 (2010)	296.0
	Kalabagh	950	207.8	199.8	210-230	-do-	950.0 (1942)	234.2
	Chashma	950	232.0	225.4	No Sig. change	-do-	1038.9 (2010)	254.4
	Taunsa	1100	200.3	181.8	-do-	-do-	960.0 (2010)	223.4
	Guddu	1200	189.8	152.0	-do-	-do-	1199.7 (1976)	189.9
	Sukkur	1500	140.3	86.9	-do-	-do-	1166.6 (1986)	140.3
	Kotri	875	46.6	4.0	-do-	-do-	980.3 (1956)	82.5
	KABUL	Nowshera	-	70.5	70.5	65-75	Low	391.3 (1990)
JHELUM	Mangla	1060	33.0	15.0	30-50	Below Low	1090.0 (1992)	114.6
	Rasul	850	13.4	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	49.9	22.2	45-55	-do-	1100.0 (1957)	98.9
	Khanki	1100	33.5	25.5	No Sig. change	-do-	1086.5 (1959)	95.1
	Qadirabad	807	51.3	35.3	-do-	-do-	948.5 (1992)	93.1
	Trimmu	645	29.5	14.2	-do-	-do-	944.0 (1928)	46.5
	Punjnad	700	32.5	18.8	-do-	-do-	802.5 (1973)	35.2
RAVI	Jassar	275	7.1	7.1	5-10	-do-	680.0 (1955)	7.1
	Shahdara	250	14.9	14.9	No Sig. change	-do-	576.0 (1988)	18.4
	Balloki	225	36.4	9.3	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	17.4	3.3	-do-	-do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	3.6	3.6	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	19.2	8.0	-do-	-do-	598.9 (1955)	46.2
	Islam	300	8.4	7.0	-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)

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

www.ffd.pmd.gov.pk | Email: ffdlhr@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-030/24

Dated: - 14th 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 (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. (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 over Kashmir and adjoining areas has moved away eastwards. A fresh trough of westerly wave lies over northwestern parts of Afghanistan.
- b. Weak moisture from the Arabian Sea is penetrating and converging directionally over South Punjab and adjoining areas up to 3000 feet, while moisture from Bay of Bengal is still cut off but it is likely to revive from tomorrow.
- c. Light winds over most parts of Punjab are favorable for local convective development.
- d. Seasonal low is located over east Balochistan and adjoining areas.
- e. Weak monsoon trough axis lies south of 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 & Peshawar, Kohat, Bannu, D.I Khan, Zhob, Kalat, Nasirabad and Sibbi Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

No significant change is expected.

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

Indus:	Bannu=12, Besham=10, Khaar-Bajaur & Bagrote=03(each), Barkhan & Drosh=02(each), D.I.Khan Airport, Bunji, Astore, Chitral & Pattan=01(each), Darashoot, Bhakkar, Bhandu Wala, Skardu & Kurrum Garhi=Trace(each).
Jhelum:	Muzaffarabad (Airport=08 & City=05), Hajira & Dhulli=Trace(each).
Chenab:	Alexandra Bridge=02, Marala=01, Gujranwala=Trace.
Ravi:	-Nil-
Sutlej:	Bahawalpur (Airport=42 & City=41).
Others:	Zhob=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.hbmb.gov.in
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 Sunday 14-07-2024 at 0800 PST				
Stations		Rainfall (mm)		
Punjab				
Bahawalpur		(Airport 42, City 41)		
Bhakkar		Trace		
Khyber-Pakhtunkhwa				
Bannu		12		
Dera Ismail Khan		(City 03, Airport 01)		
Pashat Bajaur		03		
Drosh		02		
Chitral, Pattan		01		
Balochistan				
Zhub		08		
Bar Khan		02		
Kashmir				
Muzaffarabad		(Airport 08, City 05)		
Bhandu Wala, Dhulli, Hajira		Trace		
Gilgit-Baltistan				
Bagrote		03		
Astore, Bunji		01		
Skardu		Trace		
Sindh				
NIL				
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
NIL				
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
NIL				



FFD Discharge Report

Recorded at: 14-Jul-2024 12:00 PST

River	Site	Inflow		Outflow	
Indus	Tarbela	187,000	↘	263,000	LOW
	Kalabagh	224,446	↗	216,456	NORMAL
	Chashma	231,451	↘	224,851	NORMAL
	Taunsa	200,300	→	181,800	NORMAL
	Guddu	192,897	↗	155,136	NORMAL
	Sukkur	140,276	→	86,866	NORMAL
	Kotri	48,160	↗	5,425	NORMAL
Kabul	Nowshera	64,900	↘	64,900	LOW
Jhelum	Mangla	27,000	↘	15,000	NORMAL
	Rasul	13,203	↘	0	NORMAL
Chenab	Marala	49,943	→	22,218	NORMAL
	Khanki	42,167	↗	34,180	NORMAL
	Q.Abad	38,616	↘	22,616	NORMAL
	Trimmu	32,422	↗	17,172	NORMAL
	Panjnad	30,729	↘	16,949	NORMAL
Ravi	Jassar	4,828	↘	4,828	NORMAL
	Shahdara	14,945	→	14,945	NORMAL
	Balloki	36,365	→	9,265	NORMAL
	Sidhnai	17,405	→	3,305	NORMAL
Sutlej	GS Wala	3,620	→	3,620	NORMAL
	Sulemanki	19,207	→	7,997	NORMAL
	Islam	8,427	→	7,027	NORMAL

DAM	Current Level	Max Level	Dead Level
Tarbela Dam	1523.85 (-0.35)	1550	1402
Mangla Dam	1194.65 (+0.05)	1242	1050

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