

MOST IMMEDIATE / BY FAX



F.2 (E)/2024-NDMA (MW/SITREP-31)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority (HQ)
Main Murree Road Near ITP Office, Islamabad



Dated: **31 July 2024**

Subject: **NDMA - Monsoon 2024 Daily Situation Report No. 31**

NDMA Monsoon 2024 Daily Situation Report No **31**, covering period from **1300 hours 30 July to 1300 hours 31 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 - 31**(PERIOD COVERED: 1300 HOURS 30 JULY 2024 TO 1300 HOURS 31 JULY 2024)**1. **Casualties and Injuries (Last 24 hours)**a. **Deaths**

Province / Region	District	Deaths				Remarks
		M	F	C	T	
Balochistan	Loralai	0	0	1	1	Sky Lighting
KP	1x Lower-Chitral	1	0	0	6	Flash Flood
	2x Lower-Dir	0	0	2		Structural Collapse (House Collapsed)
	1x Lower Kohistan	0	0	1		Flash Flood
	1x Upper Kohistan	0	0	1		Structural Collapse (Roof Collapsed)
	1x Haripur	1	0	0		Structural Collapse (Roof Collapsed)
Punjab	2x Faisalabad	0	2	0	6	Structural Collapse (Roof Collapsed)
	2x Rawalpindi	0	2	0		Electric Shock
	2x Jhelum	0	1	1		Sky Lighting
Sindh	Tharparkar	3	0	5	8	
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
ICT	-	0	0	0	0	
Total		5	5	11	21	

b. **Injuries**

Province / Region	District	Injures				Remarks
		M	F	C	T	
Balochistan	-	0	0	0	0	
KP	2x Charsadda	0	1	1	9	Structural Collapse (House Collapsed)
	2x Bajaur	0	0	2		
	1x Shangla	1	0	0		
	3x Abbottabad	3	0	0		
	1x Haripur	1	0	0		Structural Collapse (Roof Collapsed)
Punjab	2x Faisalabad	0	3	1	6	Structural Collapse (Roof Collapsed)
	2x Jhelum	0	1	1		
Sindh	-	0	0	0	0	
Gilgit Baltistan	-	0	0	0	0	
AJ&K	-	0	0	0	0	
ICT	-	0	0	0	0	
Total		5	5	5	15	

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	Loralai	2	2	4	0
KP	5x Swabi	5	0	44	0
	2x Charsadda	2	0		0
	2x Bajaur	0	2		0
	5x Lower-Chitral	5	0		0
	22x Upper-Chitral	16	6		0
	1x Lower Dir	0	1		0

Province / Region	District	House Damage			Livestock
		Partial	Full	Total	
	1x Shangla	1	0		0
	2x Abbottabad	2	0		0
	1x Haripur	1	0		0
	2x Upper Kohistan	2	0		0
	1x South Waziristan	0	1		0
Punjab	2x Faisalabad	2	0	4	0
	1x Rawalpindi	1	0		0
	1x Jhelum	1	0		0
Sindh	-	0	0	0	0
Gilgit Baltistan*	22x Skardu	17	5	22	0
AJ&K	1x Mzd	0	1	1	0
ICT	-	0	0	0	0
Total		57	18	75	0

*On dated 30th July 2024, at around 1:30 pm, cloudburst and subsequent flash flooding incident struck in various localities of **Duro Village in District Skardu**. Out of these flooding, two villages also got exposed to flooding namely Korako, Kariko.5x Kacha house fully damaged at **Karako village of District Skardu**.17x Kacha house partially damaged

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	Awaran	-	-	-	1	-	-	Partial damage	-
KP*	Swat	-	-	-	1	-	-	Washed away	-
Punjab	-	-	-	-	-	-	-	-	-
Sindh	-	-	-	-	-	-	-	-	-
Gilgit Baltistan*	Skardu	40 mtr	Partially damage	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
Total	-	40 mtr	-	-	1	-	-	-	-

*On dated 30th July 2024, due to heavy flood at **Qarandokai**, the **Qarandokai Bridge on main Kalam-Bahrain road** is washed away.

*On dated 30th July 2024 at 20:00 hours **Gilgit-Skardu** road was blocked (20 meters) for all type of traffic near **Sari** due to land sliding. Restoration work in Progress, 21:00 hours **Gilgit-Skardu** road was blocked (20 meters) at **Baghardo** due to Mudflow / Landslide.

3. **Cumulative Casualties - Deaths / Injuries (From 1300 Hours 1 July 2024 to 1300 Hours 31 July 2024):-**

Province /Region	Deaths				Injured			
	M	F	C	T	M	F	C	T
Balochistan	2	0	3	5	0	0	9	9
KP	11	6	12	29	29	20	28	77
Punjab	8	11	20	39	41	33	39	113
Sindh	8	1	13	22	3	0	0	3
Gilgit Baltistan	0	0	1	1	0	0	1	1
AJ&K	0	0	3	3	6	0	5	11
ICT	0	0	0	0	0	0	0	0
Total	29	18	52	99	79	53	82	214

4. **Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 31 July 2024):-**

Province / Region	Roads (kms)	Bridges	House Damage			Livestock
			Partial	Full	Total	
Balochistan	0	1	2	3	5	0
KP*	0	2	234	58	292	34
Punjab	0	0	61	0	61	39
Sindh	0	0	0	13	13	36
Gilgit Baltistan	0.43	2	17	5	22	0
AJ&K	0.189	3	5	2	7	3
ICT	0	0	0	0	0	0
Total	0.619	8	319	81	400	112

1. **Road Situations.** *On 30th July 2024 following roads are blocked in district Lower-Chitral 2x Roads:(Chitral - Booni N-140 and Chitral-Garamchashma N-145), District Upper Chitral:(Mastuj- Broghil at Khurzg and Brep), District Mansehra (MNJC road at Paras is blocked due to flood, MNJC road at Ghanool due to land sliding. Machinery has been appointed for road clearance.

2. **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	5	10	10	5	-	5	-	-	5	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	5	10	10	5	-	5	-	-	5	-	-	-	-	-	-	-	-

- a. **Relief Camps Established.** NTR.
- b. **Rescue Operations**

Relief Items	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
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

4. **Dams and Reservoirs Level** - Attached at **Annex A.**
5. **Flood Alert / River Flows** - Attached at **Annex B.**
6. **Flood / Base Flow Data Obtained from India.** - Attached at **Annex C.**
7. **Rainfall Recorded During Last 24 Hours (0800-0800 hours each day).** Attached at **Annex D.**
8. **FFD Discharge Report Recorded at 31 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-047/24

Dated: - 31st July, 2024
Time: - 11:30 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	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1526.89
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	Scattered to Widespread thunderstorm/rain	-do- (Lahore Division)	Live Storage	77.7%
SUTLEJ	-do-	Isolated thunderstorm/rain (Bahawalpur Division)	MANGLA	
			Current:	1202.15
			Max Conservation:	1242.00
			Live Storage	60.3%

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	318.0	163.0	300-325	Low	832.0 (2010)	318.0
	Kalabagh	950	263.4	255.4	270-300	-do-	950.0 (1942)	266.9
	Chashma	950	251.2	234.9	250-280	-do-	1038.9 (2010)	273.4
	Taunsa	1100	221.5	194.8	No Sig. change	Below Low	960.0 (2010)	227.0
	Guddu	1200	176.2	145.6	-do-	-do-	1199.7 (1976)	192.9
	Sukkur	1500	128.0	79.9	-do-	-do-	1166.6 (1986)	140.3
	Kotri	875	76.2	42.5	-do-	-do-	980.3 (1956)	84.7
KABUL	Nowshera	-	101.9	101.9	90-120	Medium	391.3 (1990)	101.9
JHELUM	Mangla	1060	55.0	10.0	50-80 <small>(Sharp peak of Medium level)</small>	Low	1090.0 (1992)	114.6
	Rasul	850	7.7	5.3	No Sig. change	Below Low	952.2 (1992)	66.1
CHENAB	Marala	1100	76.2	49.0	60-90	-do-	1100.0 (1957)	98.9
	Khanki	1100	64.4	56.5	No Sig. change	-do-	1086.5 (1959)	95.1
	Qadirabad	807	60.9	41.3	-do-	-do-	948.5 (1992)	93.1
	Trimmu	645	33.6	18.0	-do-	-do-	944.0 (1928)	46.5
	Punjinad	700	21.0	7.1	-do-	-do-	802.5 (1973)	35.2
RAVI	Jassar	275	5.0	5.0	-do-	-do-	680.0 (1955)	26.8
	Shahdara	250	15.4	15.4	-do-	-do-	576.0 (1988)	24.8
	Balloki	225	41.7	12.8	40-50	Low	389.8 (1988)	48.3
	Sidhnai	150	23.0	9.1	No Sig. change	Below Low	330.2 (1988)	24.6
SUTLEJ	G.S. Wala	--	1.0	1.0	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	17.3	4.1	-do-	-do-	598.9 (1955)	46.2
	Islam	300	3.3	1.3	-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-04724

Dated: - 31st July, 2024
Time: - 11:30 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 medium flood level and river Indus at Kalabagh is in low flood level, while all the other major rivers are flowing below Low flood level.

Alert: During 02nd to 04th August, **Medium** to **High level** flood is expected in rivers **Jhelum Upstream Mangla, Kabul** and its tributaries & **Chenab** at Marala, Khanki and Qadirabad along with nullahs of Rivers **Ravi** and Chenab catchments.

Low to Medium level flows are expected in River Indus at Tarbela, hill torrents of DG Khan division and nullahs of Zhob, Sibbi, Nasirabad, and Kalat divisions.

II: METEOROLOGICAL FEATURES:

- a) Yesterday's trough of Strong Westerly Wave over northern parts of the country today lies over Kashmir and adjoining areas.
- b) Yesterday's Monsoon Low over southeast Sindh and adjoining areas moved west-southwestward and today lies over south of Gwadar (61.5 E, 23 N) in Arabian Sea and has become insignificant for upper Catchment of the all the Major rivers.
- c) A **Low-Pressure Area** has developed over northwest Uttar Pradesh which may affect upper catchments of rivers Sutlej, Ravi, Chenab and Jhelum after 48 hours.
- d) An upper air circulation has developed over west Bengal and adjoining areas.
- e) Light to Moderate moist currents are penetrating most parts of the country from the Arabian Sea and Bay of Bengal up to 5000 feet.
- f) Well-marked Seasonal low lies over northwest Balochistan with central pressure below 994 hPa.

III: WEATHER FORECAST FOR NEXT 36-HOURS:

Scattered to widespread thunderstorm rain of **MODERATE to HEAVY** intensity is expected over the upper catchments of rivers Sutlej and Ravi along with Makran Coast. Scattered thunderstorm of moderate intensity with isolated heavy fall is expected over upper catchments rivers Indus, Kabul, Jhelum and Chenab along with Islamabad, Rawalpindi, Sargodha, Gujranwala and Lahore divisions. Isolated thunderstorm rain is also expected over Khyber Pakhtunkhwa, Sindh & Zhob, Sibbi, Nasirabad, Kalat, Multan, Bahawalpur, Sahiwal and Faisalabad divisions.

IV: WEATHER OUTLOOK DURING 02nd TO 04th August:

Alert: Widespread thunderstorm rain of **MODERATE to HEAVY** intensity with Scattered **VERY HEAVY** falls and isolated **EXTREMELY HEAVY** rainfall is expected over the upper catchments of rivers Sutlej, Ravi, Chenab and river Jhelum (up to some extent) along with Gujranwala and Lahore Division. Scattered to Widespread thunderstorm rain of moderate to heavy intensity with isolated very heavy falls is expected over river Indus and Kabul along with Khyber Pakhtunkhwa, Islamabad, Rawalpindi, Sargodha, Multan, DG Khan, Bahawalpur, Sahiwal and Faisalabad Divisions.

A fresh rainfall spell over Sindh and Balochistan is likely to start from 3rd August.

V: RIVERS CATCHMENTS RAINFALL RECORDED >03 (MM) DURING LAST 24-HRS (UPTO 0800 PST):

Indus:	Shinkiyari=66, Murree=64, Phulra=58, Islamabad [Golra=52, Saidpur=24, PMD Headquarters=18, New Airport=11], Daggar=46, Khawagoobo Bridge=43, Besham=39, Kakul=35, Oghi=34, Ghalanai=32, Bosak Bidge=29, Tarbela=30, Malam Jabba=26, Cherat=22, Chowni Bridge Chitral=21, Saidu Sharif=19, Shaheed Benazirabad=17, Peshawar (City)=14, Bacha Khan Airport=04, Chitral=14, Darashoot, Attock, Warsak Dam & Pattan=13(each), Kalam & Tando Jam=10(each), Shishi Dsrush, Badin & Larkana=08(each), Dadu=07, Chilas=06, Arandu Nullah, Dir, Drosh, Gilgit, Chhor & Landi Kotal=05(each), Kamra (Airbase) & Gupis=04(each).
Jhelum:	Muzaffarabad (City)=79 & Airport=44, Balakot=66, Domel=64, Chattar Kallas=60, Garhi Dopatta=30, Chakothi=11, Sharda=10.
Chenab:	Gujranwala [Model Town=38, Peoples Colony=33, Liaqat Bagh=12, Sheranwala Bagh=09].
Ravi:	Lahore [Airport=16, Luckshami=10, Johar Town & Township=08(each), Misri Shah=06], Sheikhupura & Khanewal=04(each).
Sutlej:	Bahawalnagar=09.
Others:	Karachi [Gadap Town=57, Orange Town=36, Surjani Town=28, North Karachi=27, Gulshan e Maymar=17, Nazimabad=16, Masroor=14, Bin Qasim & Quaidabad=13(each), Kemari=11, Faisal Base=10, University Road=08, Jinnah Terminal=07, Korangi=06], Lasbela=05.

--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>1.959</u> 25.07.2024	1601.46	39	73
ii. Pong Dam on River Beas	1390	4.991	<u>1.231</u> 25.07.2024	1316.47	25	78
iii. Thein Dam on River Ravi	1732	1.900	<u>0.272</u> 25.07.2024	1615.11	14	87

The data is being shared for flows information,
Dated: 26th July 2024



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

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

Copy forwarded by Fax to:

1. Secretary, Ministry of Water Resources, Islamabad.
2. Chief Secretary, GilgitBaltistan, Gilgit.
3. Chief Secretary, Government of Azad Jammu and Kashmir, Muzaffarabad.
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.



Total Rainfall (mm) last 24 hours on Wednesday 31-07-2024 at 0800 PST	
Stations	Rainfall (mm)
Kashmir	
Muzaffarabad	(City 79 & A/P 44)
Chattar Kalas	60
Garhidupatta	15
Chakothe	11
Rawalakot	03
Dhulli	01
Haraman & Tandali	Trace
Khyber-Pakhtunkhwa	
Balakot	66
Kakul	35
Ghalanai	32
Malamjabba	26
Cherat	22
Saidu Sharif	19
Chitral	14
Pattan	13
Kalam	10
Dir	(Upper 05 & Lower 02)
Drosh & Landi Kotal	05
Bacha Khan (A/P), Mirkhani, Peshawar (A/P)	03
Takht Bai & Buner	02
Bajur	(Khaar 01)
Punjab	
Murree	64
Islamabad	(Golra 52, Saidpur 24, City 18, A/P 11 & Bokra 01)
Lahore	(A/P 16 & City Trace) Rain recorded by Wasa Gauges (Lakshmi Chowk 10, Johar Town, Nishtar Town 08, Chowk Nakhuda 06, Upper Mall, Shahi Qila, Mughal pura 02 & Tajpura 01)
Attock	13
Bahawalnagar	09
Khanewal & Sheikhpura	04
Multan	(City 02)
Rawalpindi	(Shamsabad 01 & Chaklala Trace)
Kasur	01
Bahawalpur (A/P) & Gujranwala	Trace
Sindh	
Karachi	(Gadap 57, Orangi 36, Surjani 28, North Karachi 27, Gulshan-e-Mayar 17, Nazimabad 16, Masroor Base 14, Quaidabad, Bin Qasim 13, Kemari 11, Faisal Base 10, Jinnah Terminal 07, Korangi 06, MOS, University Road 05 & DHA 01)
Tharparkar	(Chachro 24, Dhali 23, Islam Kot 21, Nagarparkar 09, Diplo 04 & Mithi 01)
Shaheed Benazirabad	17
Tando Jam	10
Badin & Larkana	08
Dadu	07
Chhor	05
Sakrand	02
Hyderabad	(City 01 & A/P Trace)
Mirpurkhas, Padidan & Thatta	01
Khairpur, Mohenjodaro & Rohri	Trace
Gilgit-Baltistan	
Chilas	06
Gilgit	05
Gupis	04
Bunji & Skardu	Trace



Balochistan				
Lasbella		05		
Khuzdar		02		
Maximum Wind Reported				
Station	Wind (kt)	Km/hr	Direction	Time (PST)
Lahore (A/P)	30	56	S	1340
Maximum Water Level at Nullah Lai (Last 24 Hours)				
Station	Level (Feet)	Time (PST)	Flood Situation	
Kattarian	11.5	1050	Pre-Alert	
Gawalmandi	07	1050	Normal	



FFD Discharge Report

Recorded at: 31-Jul-2024 12:00 PST

River	Site	Inflow		Outflow	
Indus	Tarbela	318,000	→	269,900	LOW
	Kalabagh	263,390	→	255,390	LOW
	Chashma	252,813	↗	234,851	NORMAL
	Taunsa	221,517	→	194,765	NORMAL
	Guddu	176,070	↘	143,045	NORMAL
	Sukkur	128,008	→	79,908	NORMAL
	Kotri	74,080	↘	38,895	NORMAL
Kabul	Nowshera	105,500	↗	105,500	MEDIUM
Jhelum	Mangla	48,000	↘	10,000	NORMAL
	Rasul	2,540	↘	0	NORMAL
	Marala	70,980	↘	43,630	NORMAL
Chenab	Khanki	66,903	↗	59,003	NORMAL
	Q.Abad	55,876	↘	36,351	NORMAL
	Trimmu	33,574	→	18,024	NORMAL
	Panjnad	21,013	→	7,133	NORMAL
	Jassar	5,676	↗	5,676	NORMAL
Ravi	Shahdara	15,353	→	15,353	NORMAL
	Balloki	41,765	↗	12,765	NORMAL
	Sidhnai	21,003	↘	6,853	NORMAL
Sutlej	GS Wala	1,014	→	1,014	NORMAL
	Sulemanki	17,337	→	4,148	NORMAL
	Islam	3,527	↗	1,277	NORMAL

DAM	Current Level		Max Level	Dead Level
Tarbela Dam	1527.97	(+1.08)	1550	1402
Mangla Dam	1202.40	(+0.25)	1242	1050

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