



GOVERNMENT OF PAKISTAN
MINISTRY OF DEFENCE (DEFENCE DIVISION)
PAKISTAN METEOROLOGICAL DEPARTMENT
FLOOD FORECASTING DIVISION
46-JAIL ROAD LAHORE-54000



BULLETIN No: 035/26

Dated: 19th July-2026
Time: 12:00 hours (PST)

DAILY FLOOD BULLETIN

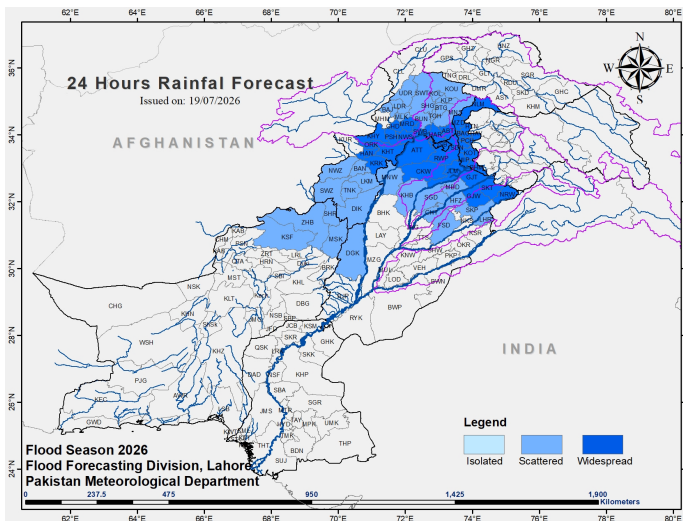
Rivers at a glance

INDUS	KABUL	JHELMUM	CHENAB	RAVI	SUTLEJ
Below Low	Below Low	Below Low	Low (Marala)	Below Low	Below Low

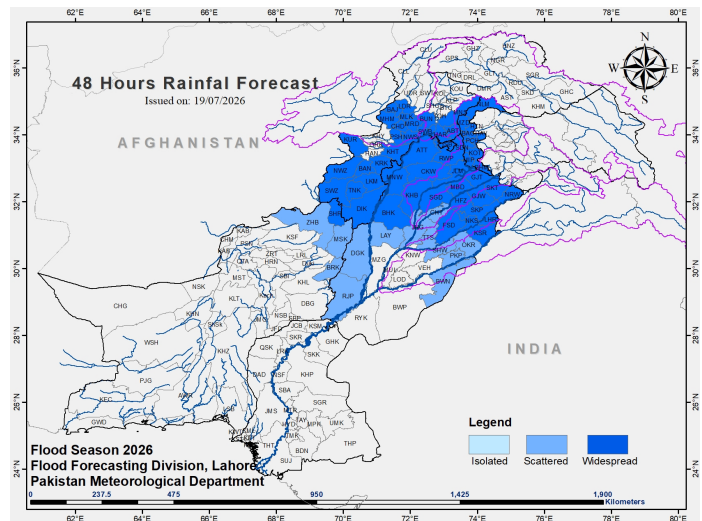
Flood severity scale — and what each level requires

Below Low	Low	Medium	High	Very High	Exceptionally High
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RAINFALL FORECAST — NEXT 24 & 48 HOURS



Rainfall forecast — next 24 hours



Rainfall outlook — next 48 hours

1. RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST



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I: HYDROLOGICAL SITUATION at 0600 PST AND OUTLOOK

- All the major rivers are flowing within their normal flows, however, **low to medium flood level** is expected in river Chenab at Marala, Ravi at Jassar within next **24-hours**.
- **WARNING:** On account of an approaching westerly wave coupled with a strong monsoon incursion from **20th to 24th July** over the catchments of all major rivers, flows are likely to increase **significantly**.
 - **High Flood level** is expected in River Chenab at Marala, Jhelum at upstream Mangla and associated nullahs of Jhelum, Chenab (Dora, Dotta, Dowara, Bhimber, Halsi, Aik and Palkhu) and Ravi (Bein, Bassanter, Deg and Sakki).
 - **High flows** are also expected in river Kabul and its associated tributaries.
 - **Flash flooding** is expected in the hill torrents of **DG Khan**, the streams of Khyber Pakhtunkhwa and northern Balochistan.
 - **Urban Flooding** is also expected in **Rawalpindi, Jhelum, Gujranwala, Sargodha, Khushab, Sialkot, Gujrat, Narowal, Lahore, Okara, Sahiwal, Bahawalnagar and Faisalabad**.

II: METEOROLOGICAL FEATURES

- Yesterday's trough of westerly wave over northeast Iran today lies over Afghanistan.
- Yesterday's low-pressure area over central Jharkhand (India) has moved northeastwards and today lies over northwest Jharkhand (India).
- The seasonal low-pressure area lies over Northwest Balochistan.
- Moist currents from Arabian sea are penetrating into the central parts and upper parts of the country up to 5000 feet.



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III: WEATHER FORECAST FOR 24-HOURS

- **Scattered to widespread** rain-wind/thunderstorm with **isolated heavy to very heavy falls** is expected over upper catchments of all major rivers, **Islamabad, Kashmir**.
Khyber Pakhtunkhwa: Abbottabad, Charsadda, Hangu, Haripur, Karak, Khyber, Kohat, Mardan, Nowshera, Orakzai, Peshawar and Swabi.
Punjab: Attock, Chakwal, Gujrat, Gujranwala, Jhelum, Narowal, Rawalpindi and Sialkot.
- **Scattered** rain-wind/thunderstorm with isolated **heavy falls** is also expected over
Khyber Pakhtunkhwa: Bajaur, Bannu, Batagram, Buner, DI Khan, Kohistan, Lakki Marwat, Dir, Malakand, Mansehra, Shangla, Waziristan, Swat, Tank and Tor Ghar.
Punjab: DG Khan, Hafizabad, Faisalabad, Chiniot, Khushab, Lahore, Mandi Bahauddin, Mianwali, Sargodha and Sheikhupura.
Balochistan: Killa Saifullah, Musakhel, Sherani and Zhob.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS

- **Fairly widespread to widespread** rain-wind/thunderstorm with **isolated heavy to very heavy falls** is expected over upper catchments of all major rivers, **Islamabad, Kashmir**.
Khyber Pakhtunkhwa: Abbottabad, Bajaur, Bannu, Buner, Charsadda, D. I. Khan, Haripur, Karak, Kohat, Kurram, Lakki Marwat, Dir, Malakand, Mansehra, Mardan, Mohmand, Nowshera, Peshawar, Waziristan, Swabi and Tank.
Punjab: Attock, Bhakkar, Chakwal, Faisalabad, Gujranwala, Gujrat, Hafizabad, Jhelum, Kasur, Khushab, Lahore, Mandi Bahauddin, Mianwali, Nankana Sahib, Narowal, Rawalpindi, Sargodha, Sheikhupura and Sialkot.
Balochistan: Sherani.
- **Scattered rain-wind/thunderstorm** is expected over
Punjab: Bahawalnagar, Chiniot, DG Khan, Jhang, Layyah, Okara, Pakpattan, Rajanpur, Sahiwal and Toba Tek Singh.
Balochistan: Barkhan, Musakhel and Zhob.

2. WEEKLY WEATHER OUTLOOK FOR RIVER'S CATCHMENTS

(20th- July, 2026 to 26th- July, 2026)



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RAINFALL OUTLOOK:

- **WARNING:** On account of an approaching westerly wave coupled with a strong monsoon incursion from **20th to 24th July** over the catchments of all major rivers, flows are likely to increase **significantly**.

FLOOD SITUATION IN MAJOR RIVERS:

- **High Flood level** is expected in River Chenab at Marala, Jhelum at upstream Mangla and associated nullahs of Jhelum, Chenab (Dora, Dotta, Dowara, Bhimber, Halsi, Aik and Palkhu) and Ravi (Bein, Bassanter, Deg and Sakki).
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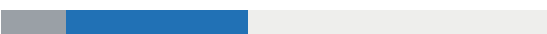
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3. WEATHER/RAINFALL FORECAST FOR NEXT 24-HRS

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)	RESERVOIRS LEVEL (FEET) at (0600 PST)
			TARBELA
			
INDUS	Scattered to widespread thunderstorm/rain	Scattered to widespread thunderstorm/rain (Sargodha Division)	Level 1505.11 ft 1380.00 dead → 1550.00 max cons. 
JHELMUM	Scattered to widespread thunderstorm/rain	Scattered thunderstorm/rain (Rawalpindi Division)	Storage 57.42% live 0.960 dead + 3.204 / 6.511 MAF live
			MANGLA
			
CHENAB	Scattered to widespread thunderstorm/rain	Scattered to widespread thunderstorm/rain (Gujranwala Division)	Level 1174.00 ft 1040.00 dead → 1242.00 max cons. 
RAVI	Scattered to widespread thunderstorm/rain	Scattered to widespread thunderstorm/rain (Lahore Division)	Storage 38.16% live
SUTLEJ	Scattered to widespread thunderstorm/rain	Hot and humid (Bahawalpur Division)	1.000 dead + 2.777 / 7.387 MAF live



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4. 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 2026
INDUS	Tarbela	1500	198.0	233.2	210 - 230	Below low	832.0 (2010)	266
	Kalabagh	950	232.1	224.1	220 - 260	Low	950.0 (1942)	244
	Chashma	950	239.2	225.1	240 - 260	Low	1038.9 (2010)	239
	Taunsa	1000	212.7	186.2	No sig. change	Below low	960.0 (2010)	214
	Guddu	1200	163.8	122.9	No sig. change	Below low	1199.7 (1976)	170
	Sukkur	900	111.3	54.5	No sig. change	Below low	1166.6 (1986)	126
	Kotri	875	43.2	0.0	No sig. change	Below low	980.3 (1956)	43
KABUL	Nowshera	-	32.6	32.6	35 - 50	Below low	391.3 (1990)	59
JHELMUM	Mangla	1060	35.0	10.0	40 - 60	Below low	1090.0 (1992)	53
	Rasul	850	13.8	0.0	No sig. change	Below low	952.2 (1992)	63
CHENAB	Marala	1100	73.0	50.7	80 R 170	Low to Medium	1100.0 (1957)	91
	Khanki	1100	65.9	58.4	70 R 140	Low	1086.5 (1959)	65
	Qadirabad	900	40.2	20.6	70 R 140	Low	1078.0 (2025)	67
	Trimmu	875	3.5	3.5	No sig. change	Below low	944.0 (1928)	20
	Punjnad	865	14.0	0.0	No sig. change	Below low	802.5 (1973)	45



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RAVI	Jassar	275	13.2	0.0	10 - 15	Below low	680.0 (1955)	30.
	Shahdara	250	1.8	1.8	No sig. change	Below low	576.0 (1988)	6.
	Balloki	380	9.2	9.2	No sig. change	Below low	389.8 (1988)	17.
	Sidhnai	150	33.3	6.9	No sig. change	Below low	330.2 (1988)	36.
SUTLEJ	G.S. Wala	--	18.8	2.0	No sig. change	Below low	837.0 (1955)	20.
	Sulemanki	325	0.1	0.1	No sig. change	Below low	598.9 (1955)	0.4
	Islam	300	16.8	3.6	No sig. change	Below low	492.6 (1955)	18.

% of Capacity = inflow as a share of the station's design capacity. It is the capacity left before the channel is overwhelmed.

Spatial: Isolated=20 to 30% of area | Scattered=31 to 50% of area | Fairly Widespread=51 to 75% of area | Widespread=76 to 100% of area, R= Rising, F=Falling

Intensity (mm/24 hours): Light ≤ 10, Moderate =10.1 - 30, Heavy=30.1 - 70, Very Heavy=70.1 - 150, Extremely Heavy > 150

Note: Concerned Departments may contact FFD, Lahore for rectification up-dation (if any)

5. HOW CLOSE IS EACH RIVER TO ITS LIMIT?

Tightest station: Chashma at 25% of design capacity — 75% of capacity still available. Bar length is how loaded the channel is; bar colour is its flood level.





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Full bar = design capacity. Stations without a design capacity are not shown.



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6. RAINFALL RECORDED — LAST 24-HRS (UPTO 0800 PST)

Rainfall recorded — last 24 hours

192 gauges · heaviest KOTLI 15 mm · to 0800 PST



Rainfall recorded — last 24 hours (upto 0800 PST)

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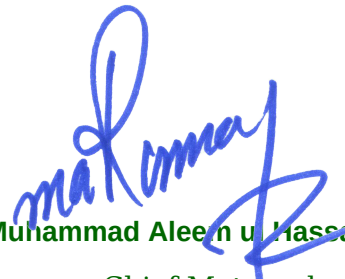
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7. RIVERS CATCHMENTS RAINFALL RECORDED (MM) DURING LAST 24-HRS (UPTO 0800 PST)

Indus: Islamabad [Chaklala (Airbase)=05, Islamabad Zeropint=Trace], Shinkiari=02, Murree=Trace.
Jhelum: Muzaffarabad (Airport & City=15(each), Kotli=15, Balakot=06.
Other: Karachi Airport=Trace,


(Muhammad Alee n u Hassan)
Chief Meteorologist
FFD Lahore



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Distribution:

1. President Secretariat, Islamabad
2. PM House, Islamabad
3. Governor (All Provinces)
4. Chairman NDMA, Islamabad
5. Chief Minister (All Provinces)
6. Secretary, Ministry of Defence, Islamabad
7. Secretary, Ministry for Water Resources, Islamabad
8. Secretary, Ministry of Information, Islamabad
9. Secretary, Climate Change, Islamabad
10. The Secretary General, Red Crescent, Islamabad
11. Secretary, Irrigation Department (All Provinces)
12. Chairman NHA, Islamabad
13. Chief Secretary (All Provinces)
14. DG Pak Met Services, Islamabad
15. DG Engineers, Engineering Directorate GHQ, Rawalpindi
16. PDMA (DGs - All Provinces/Gilgit Baltistan)
17. SDMA Azad Jammu & Kashmir
18. Chairman, Federal Flood Commission, Islamabad
19. Chairman, Indus River System Authority, Islamabad
20. Chairman, PCRWR, Islamabad
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