



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



BULLETIN No: 038/26

Dated: 22nd July-2026

Time: 12:30 hours (PST)

DAILY FLOOD BULLETIN 22-JUL-2026

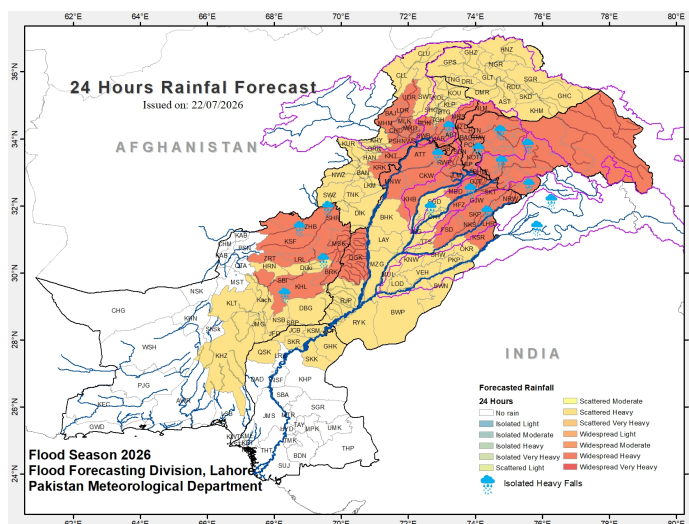
• Rivers at a glance

INDUS Low (Kalabagh & Chashma)	KABUL Low (Nowshera)	JHELM Below Low	CHENAB Medium (Khanki)	RAVI Below Low	SUTLEJ Below Low
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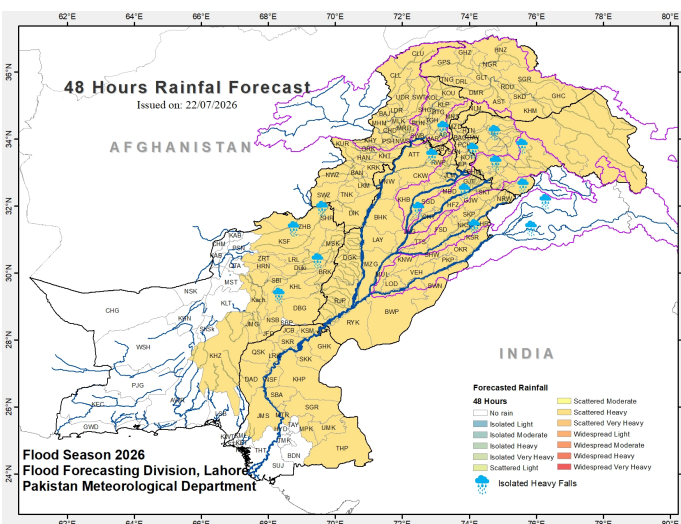
Flood severity scale — and what each level requires

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

I: HYDROLOGICAL SITUATION at 0600 PST AND OUTLOOK

- River Chenab at Khanki is in **Medium flood level**. River Indus at Kalabagh and Chashma, river Kabul at Nowshera, river Chenab at Marala and Qadirabad are in **Low flood level**. All other major rivers are in their normal flow.
- **WARNING:** In the presence of a westerly weather system coupled with strong monsoon incursions from the Bay of Bengal, **Scattered to widespread rain-wind/thunderstorm** with **isolated heavy falls** is expected over the catchments of all major rivers, including upper Punjab and Khyber Pakhtunkhwa. Consequently, river flows are likely to increase significantly upto 24th July.
 - **Medium Flood level** is expected in River Chenab at Marala, Khanki & Qadirabad, 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).
 - **Low to medium 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.



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- **Urban Flooding** is also expected in **Rawalpindi, Jhelum, Gujranwala, Faisalabad, Mandi Bahauddin, Khushab, Sialkot, Gujrat, Narowal and Lahore.**

II: METEOROLOGICAL FEATURES

- Yesterday's trough of westerly wave over northern parts of the country persists.
- Monsoon trough extends from central parts of the country passes through northern parts of India along the foot hills of Himalaya.
- Yesterday's low-pressure area at southwest Uttar Pradesh (India) today lies over southeast Rajasthan (India).
- The seasonal low-pressure area lies over northwest Balochistan.
- Moderate moist currents from Bay of Bengal are penetrating into the upper parts of the country up to 7,000 feet.

III: WEATHER FORECAST FOR 24-HOURS

- **Widespread** rain-wind/thunderstorm with **isolated heavy falls** is expected over upper catchments of all major rivers, **Islamabad, Kashmir,**
- **Khyber Pakhtunkhwa:** Abbottabad, Bajaur, Buner, Charsadda, Haripur, Karak, Kohat, Dir, Malakand, Mansehra, Mardan, Mohmand, Nowshera, Peshawar and Swabi.
- **Punjab:** Rawalpindi, Attock, Chakwal, Gujranwala, Gujrat, Faisalabad, Hafizabad, Jhelum, Kasur, Khushab, Lahore, Mandi Bahauddin, Mianwali, Nankana Sahib, Narowal, Sheikhpura, Dera Ghazi Khan and Sialkot.
- **Balochistan:** Barkhan, Zhob, Killa Saifullah, Kohlu, Loralai, Musakhel, Sherani, Sibi and Ziarat.
- **Scattered** rain-wind/thunderstorm is expected over **Gilgit Baltistan,**
- **Khyber Pakhtunkhwa:** Bannu, Batagram, Chitral, DI Khan, Hangu, Khyber, Kohistan, Kurram, Lakki Marwat, Orakzai, Shangla, Waziristan, Swat, Tank and Tor Ghar.
- **Punjab:** Bahawalnagar, Bahawalpur, Bhakkar, Chiniot, Jhang, Khanewal, Layyah, Lodhran, Multan, Muzaffargarh, Okara, Pakpattan, Rahim Yar Khan, Rajanpur, Sahiwal, Sargodha, Toba Tek Singh and Vehari.
- **Sindh:** Ghotki, Jacobabad, Kashmore, Qamber-Shahdad Kot, Shikarpur and Sukkur.
- **Balochistan:** Dera Bugti, Duki, Harnai, Jaffarabad, Jhal Magsi, Kachhi (Bolan), Kalat, Khuzdar, Naseerabad and Sohbatpur.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS

- **Scattered** rain-wind/thunderstorm with **isolated heavy falls** is expected over upper catchments of all major rivers, **Islamabad, Punjab, Khyber Pakhtunkhwa, Kashmir, Gilgit Baltistan**
- **Sindh:** Dadu, Ghotki, Jacobabad, Jamshoro, Kashmore, Khairpur, Larkana, Matiari, Mirpur Khas, Naushahro Feroze, Qamber-Shahdad Kot, Sanghar, Shaheed Benazir Abad, Shikarpur, Sukkur, Tharparkar and Umer Kot.



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- **Balochistan:** Barkhan, Dera Bugti, Duki, Harnai, Jaffarabad, Jhal Magsi, Kachhi (Bolan), Khuzdar, Killa Saifullah, Kohlu, Loralai, Musakhel, Nasirabad, Sherani, Sibi, Zhob and Ziarat.

2. WEEKLY WEATHER OUTLOOK FOR RIVER'S CATCHMENTS

(23rd- July, 2026 to 29th- July, 2026)

RAINFALL OUTLOOK:

- **WARNING:** In the presence of a westerly weather system coupled with strong monsoon incursions from the Bay of Bengal, **Scattered to widespread rain-wind/thunderstorm** with **isolated heavy falls** is expected over the catchments of all major rivers, including **Islamabad, Kashmir, Gilgit Baltistan, northeast Balochistan, Khyber Pakhtunkhwa, upper and central Punjab**. Consequently, river flows are likely to increase significantly upto **24th July**.
- **Watch:** A Low-pressure area currently lies over southeast Rajasthan (India) and is expected to move southwestwards towards southeastern parts of Sindh during 3 to 4 days.

FLOOD SITUATION IN MAJOR RIVERS:

- **Medium 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).
- **Low to medium 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, Faisalabad, Mandi Bahauddin, Khushab, Sialkot, Gujrat, Narowal and Lahore**.



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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	Widespread thunderstorm/rain	Widespread thunderstorm/rain (Rawalpindi Division)	 Level 1514.11 ft 1380.00 dead → 1550.00 max cons.
JHELMUM	Widespread thunderstorm/rain	Scattered thunderstorm/rain (Sargodha Division)	 Storage 65.27% live 0.960 dead + 3.642 / 6.511 MAF live
CHENAB	Widespread thunderstorm/rain	Widespread thunderstorm/rain (Gujranwala Division)	MANGLA
RAVI	Widespread thunderstorm/rain	Widespread thunderstorm/rain (Lahore Division)	 Level 1181.60 ft 1040.00 dead → 1242.00 max cons.
SUTLEJ	Widespread thunderstorm/rain	Scattered thunderstorm/rain (Bahawalpur Division)	 Storage 43.56% live 1.000 dead + 3.170 / 7.387 MAF live

4. QUANTITATIVE FLOOD FORECAST OF GAUGING STATIONS (IN THOUSANDS OF CUSECS)

RIVERS	Stations	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	308.0	164.7	280 - 300	Low	832.0	EH (2010)	308.0
INDUS	Kalabagh	317.3	309.5	310 F 250	Low	950.0	EH (1942)	317.3
INDUS	Chashma	295.4	285.3	310 F 270	Low	1038.9	EH (2010)	295.4
INDUS	Taunsa	222.3	195.7	230 - 245	Below Low	960.0	VH (2010)	222.3
INDUS	Guddu	164.1	122.3	No sig. change	Below Low	1199.7	EH (1976)	170.2
INDUS	Sukkur	110.8	53.0	No sig. change	Below Low	1166.6	EH (1986)	126.3
INDUS	Kotri	43.2	0.0	No sig. change	Below Low	980.3	EH (1956)	43.4
KABUL	Nowshera	66.6	66.6	50 - 70	Low	391.3	EH (1990)	68.8
JHELMUM	Mangla	76.0	10.0	75 R 130	Low to Medium	1090.0	EH (1992)	137.0



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RIVERS	Stations	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
JHELMUM	Rasul	15.0	0.0	No sig. change	Below Low	952.2	EH (1992)	63.7
CHENAB	Marala	128.1	108.1	130 R 180	Low to Medium	1100.0	EH (1957)	179.6
CHENAB	Khanki	158.0	152.0	130 R 190	Low to Medium	1086.4	EH (1959)	169.1
CHENAB	Qadirabad	157.8	139.2	160 R 190	Low to Medium	1078.0	EH (2025)	160.4
CHENAB	Trimmu	51.2	37.2	50 - 80	Below Low	944.3	EH (1928)	88.3
CHENAB	Punjnad	12.6	0.0	No sig. change	Below Low	802.5	EH (1973)	30.8
RAVI	Jassar	33.1	33.1	30 - 45	Below Low	680.0	EH (1955)	33.1
RAVI	Shahdara	14.1	14.1	20 - 35	Below Low	576.0	EH (1988)	17.0
RAVI	Balloki	32.5	6.9	30 - 45	Low	389.8	EH (1988)	36.5
RAVI	Sidhnai	19.1	2.9	No sig. change	Below Low	330.2	EH (1988)	20.7
SUTLEJ	G.S. Wala	0.4	0.4	No sig. change	Below Low	837.0	** (1955)	0.4
SUTLEJ	Sulemanki	19.1	6.3	No sig. change	Below Low	598.9	EH (1955)	19.1
SUTLEJ	Islam	2.3	1.5	No sig. change	Below Low	492.6	EH (1955)	6.7

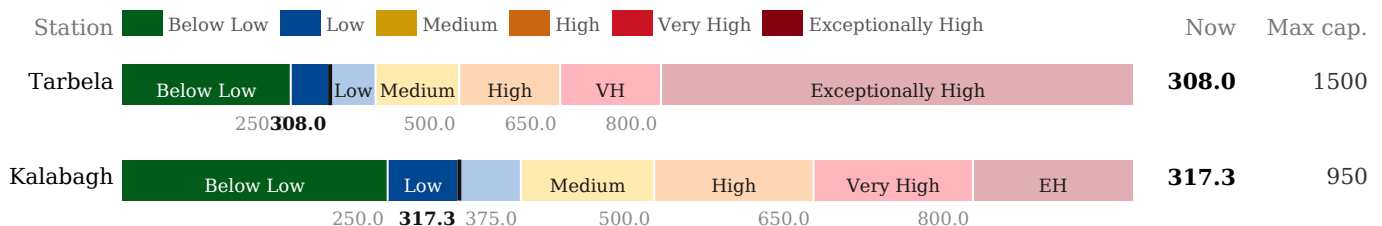
Spatial: Isolated=20 to 30% of area | Scattered=31 to 50% of area | Fairly Widespread=51 to 75% of area | Widespread=76 to 100% of area, R= Rising, F=Falling

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?

Qadirabad is in low to medium flood at 157.8 — 42.2 below its high flood level (200.0). Each bar is one station's own flood levels across its maximum capacity; the solid run is the flow so far, the pale run is the room still left.



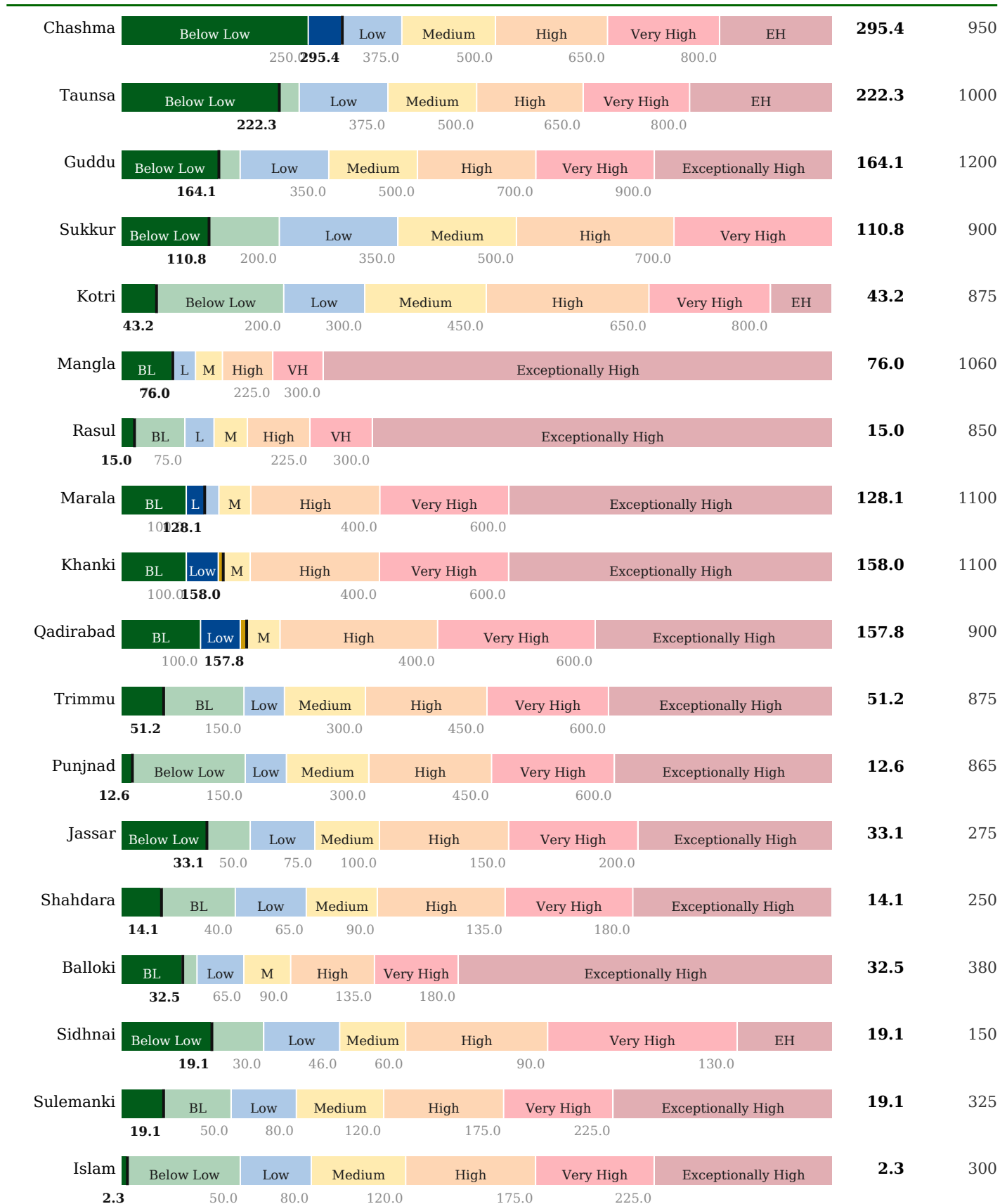


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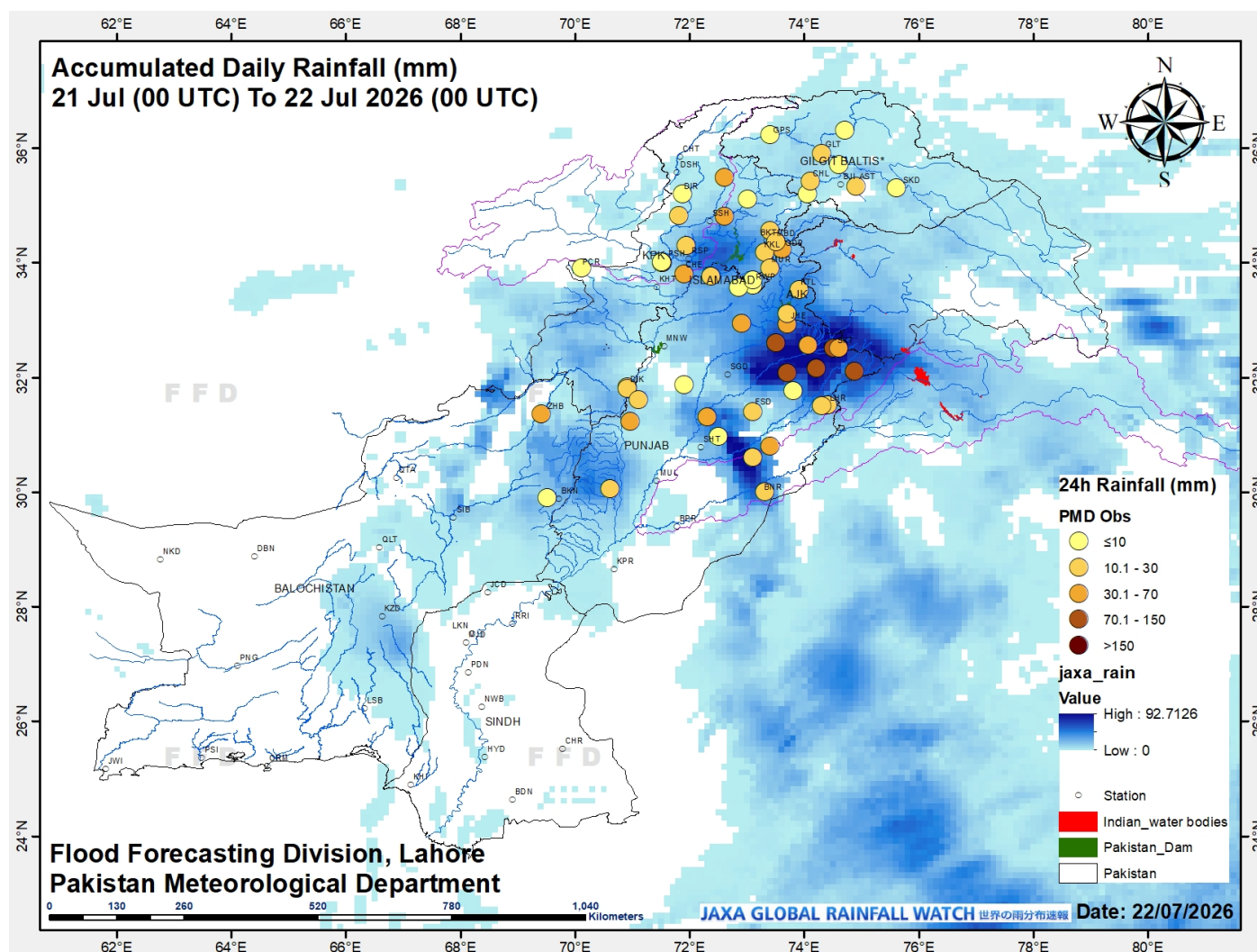
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All figures in thousands of cusecs. Full bar = maximum (design) capacity. Solid colour is the flow reached so far and the pale wash beside it is the room still left; the dark line between them is the current reading, printed beneath it. Thin white lines are that station's flood levels with their thresholds beneath, so the same colour can begin at a different point on every bar. Each band is named inside itself — initialled (BL, L, M, H, VH, EH) where the band is too narrow for the words, and left blank where it is too narrow for those. Stations without a design capacity are not shown.

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



Rainfall recorded — last 24 hours (upto 0800 PST)

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

Indus: Phularwan=114, Daggar=65, Malam Jabba=64, Cherat & Shinkhari=55(each), Besham=47, Risalpur=45, Kalam=36, Japan Bridge=35, Layyah=33, Murree & Pashat-Bajaur=29(each), Lower Dir=24, Takht Bai=18, D.I.Khan[Airport & City=18(each)], DG Khan[Airport=16, Marri=03, Vehova & Zain Sanghar=01(each)], Attock, Kamra(Airbase) & Bhakkar=16(each), Mardan & Chilas=15(each), Khaar-Bajaur & Gilgit=13(each), Kakul=11, Astore=10, Tarbela & Dir=09(each), Peshawar (City=14, Bacha Khan Airport=05 & Airport=02), Parachinar, Barkhan & Pattan=06(each), Gupis=05, Oghi & Bunji=04(each), Islamabad [PMD H.Q & New Kattarian=03(each), Chaklala(Airbase), Pirwidahi, Saidpur & Golra=02(each) Bokra, Shamsabad, Katcheri, Gawalmandi & New Airport=01(each)], Babusar, Hunza & Bagrote=03(each), Skardu=01, Landi Kotal, Kohat Airbase, Bosak Bridge, Arandu Nullah, Mianwali(Airbase) & Darashoot=Trace(each).



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Jhelum: Mandi Bahauddin=138, Palandri=92, Chakwal=70, Kotli=53, Garhi Dopatta=44, Jhelum=32, Qila Rohtas=27, Muzaffarabad (Airport=24 & City=18), Balakot=21, Mangla & Kallar=17(each), Domel=06, Jamali Balochan=05, Baba Shah Jalal=03 & Sargodha [Airbase & City=Trace(each)].
Chenab: Gujranwala=142, Daulat Nagar=97, Sialkot(Airport=95 & Cantt=69), Hafizabad=85, Barnala=65, Gujrat=49, Jhang=35, Alexandra Bridge & Noorpur Thal=02(each), Aik Nullah (Ura), Shadiwal & Palku=01(each) & Muzzafargarh =Trace.
Ravi: Narowal=117, Okara=64, Ravi Syphon=44, Lahore[Township=43, Johar town=21, Upper Mall & Jail Road=18(each), Kahna=14, Shahdara, Airport & Samnabad=11(each), Shadipura & Gulshan-e- Ravi=09(each), Shahi Qilla, Lukshmi, Saggian Pull, Misri Shah & Gulberg=05(each), Defence, Iqbal town & Tajpura=04(each) Mannawan=03 & Mugal Pura=02], Faisalabad [Gulam Muhammad Abad=36, Gulistan Colony=23, Wasa Head Office=22, Madina Town=14, Allama Iqbal Colony=12, City=11 & Dogar Basti=10], Sahiwal=25, Sharqpur=07, Kot Naina=06, Zafarwal=05, T.T. Singh=04 & Sheikhpura=Trace.
Sutlej: Bahawalnagar=23.
Others: Zhob=32 & Karachi(Faisal Base)=Trace.

(Muhammad Aleem ul Hassan)

Chief Meteorologist

FFD Lahore

Distribution:

1. President Secretariat, Islamabad
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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's (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



SCAN TO VERIFY

ffd.pmd.gov.pk/b/eacdcd80-11ca-4316-a9e9-e337e5c7d8fd

SHA-256

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