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

BULLETIN No: 037/26

Dated: 21st July-2026
Time: 11:30 hours (PST)

DAILY FLOOD BULLETIN 21-JUL-2026

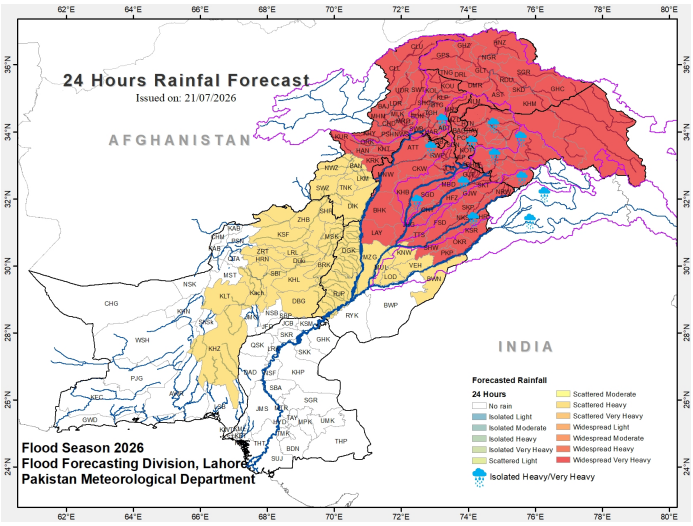
Rivers at a glance

INDUS	KABUL	JHELUM	CHENAB	RAVI	SUTLEJ
Low (Tarbela)	Below Low	Below Low	Low (Khanki)	Below Low	Below Low

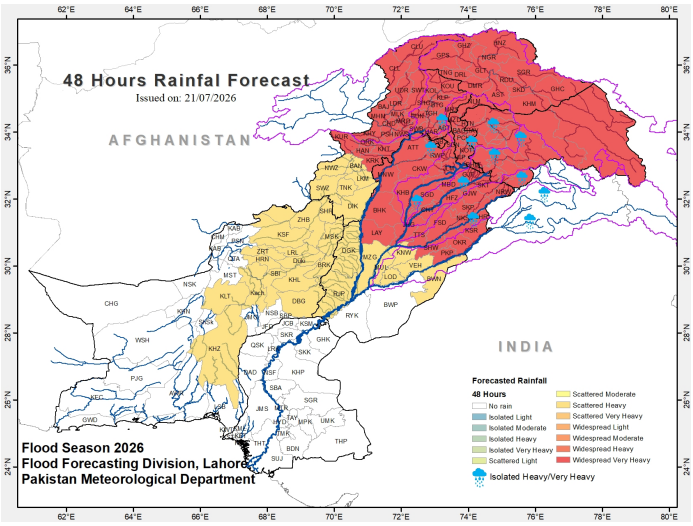
Flood severity scale — and what each level requires

Below Low	Low	Medium	High	Very High	Exceptionally High

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 Indus at Kalabagh, River Chenab at Khanki 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 Arabian Sea and the Bay of Bengal, **Fairly widespread to widespread rain-wind/thunderstorm** with **isolated heavy to very 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.
    - **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, Mianwali, Mandi Bahauddin, Khushab, Sialkot, Gujrat, Narowal, Lahore, Okara, Sahiwal** and **Faisalabad.**
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II: METEOROLOGICAL FEATURES

- Yesterday's trough of westerly wave over northern parts of the country persists.
- Monsoon trough extends from northeastern parts of the country passes through northern parts of India along the foot hills of Himalaya.
- Yesterday's low-pressure area over south Utter Pradesh (India) has moved westwards and today lies as upper air cyclonic circulation at southwest Utter Pradesh (India).
- The seasonal low-pressure area lies over Northwest Balochistan.
- Moist currents from Arabian sea and Bay of Bengal are penetrating into the central and upper parts of the country up to 5000 feet.

III: WEATHER FORECAST FOR 24-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, Gilgit Baltistan**

  Khyber Pakhtunkhwa: Abbottabad, Bajaur, Batagram, Buner, Charsadda, Chitral, Hangu, Haripur, Karak, Khyber, Kohat, Kohistan, Kurram, Dir, Mansehra, Mardan, Mohmand, Nowshera, Peshawar, Shangla, Swabi, Swat, Tor Ghar and Dir.

  Punjab: Rawalpindi, Attock, Bhakkar, Chakwal, Chiniot, Faisalabad, Gujranwala, Gujrat, Hafizabad, Jhang, Jhelum, Kasur, Khushab, Lahore, Layyah, Mandi Bahauddin, Mianwali, Nankana Sahib, Narowal, Okara, Pakpattan, Sahiwal, Sargodha, Sheikhupura, Sialkot and Toba Tek Singh.
- **Scattered rain-wind/thunderstorm** is also expected over

  Khyber Pakhtunkhwa: Bannu, DI Khan, Lakki Marwat, Waziristan and Tank.

  Punjab: Bahawalnagar, Dera Ghazi Khan, Khanewal, Lodhran, Multan, Muzaffargarh, Rajanpur and Vehari.

  Balochistan: Barkhan, Dera Bugti, Duki, Harnai, Kachhi (Bolan), Kalat, Khuzdar, Killa Saifullah, Kohlu, Loralai, Musakhel, Sherani, Sibi, Zhob and Ziarat.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS

- Wet spell is likely to continue.

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2. WEEKLY WEATHER OUTLOOK FOR RIVER'S CATCHMENTS

(22nd- July, 2026 to 28th- July, 2026)

RAINFALL OUTLOOK:

- **WARNING:** In the presence of a westerly weather system coupled with strong monsoon incursions from the Arabian Sea and the Bay of Bengal, **Fairly widespread to widespread rain-wind/thunderstorm** with **isolated heavy to very 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**.

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).**
  - **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, Mianwali, Mandi Bahauddin, Khushab, Sialkot, Gujrat, Narowal, Lahore, Okara, Sahiwal** and **Faisalabad.**
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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)
INDUS	Fairly widespread to widespread thunderstorm/rain	Fairly widespread to widespread thunderstorm/rain (Rawalpindi Division)	TARBELA Level 1509.11 ft 1380.00 dead → 1550.00 max cons. Storage 60.84% live 0.960 dead + 3.395 / 6.511 MAF live
JHELUM	Fairly widespread to widespread thunderstorm/rain	Fairly widespread to widespread thunderstorm/rain (Sargodha Division)	
CHENAB	Fairly widespread to widespread thunderstorm/rain	Fairly widespread to widespread thunderstorm/rain (Gujranwala Division)	MANGLA Level 1178.60 ft 1040.00 dead → 1242.00 max cons. Storage 41.38% live 1.000 dead + 3.011 / 7.387 MAF live
RAVI	Fairly widespread to widespread thunderstorm/rain	Fairly widespread to widespread thunderstorm/rain (Lahore Division)	
SUTLEJ	Fairly widespread to widespread thunderstorm/rain	Scattered thunderstorm/rain (Bahawalpur Division)	

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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	300.0	223.7	300 R 370	**Low**	832.0	EH (2010)	300.0
INDUS	Kalabagh	269.9	262.1	290 – 310	**Low**	950.0	EH (1942)	272.7
INDUS	Chashma	240.3	225.0	250 – 280	**Low**	1038.9	EH (2010)	240.6
INDUS	Taunsa	211.6	185.4	No sig. change	**Below Low**	960.0	VH (2010)	214.2
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	42.4	42.4	50 – 70	**Low**	391.3	EH (1990)	59.2
JHELUM	Mangla	71.0	10.0	70 R 170	**High**	1090.0	EH (1992)	133.0
JHELUM	Rasul	8.2	0.0	No sig. change	**Below Low**	952.2	EH (1992)	63.7
CHENAB	Marala	84.9	62.6	90 R 300	**High**	1100.0	EH (1957)	179.6
CHENAB	Khanki	113.5	106.2	120 R 320	**High**	1086.4	EH (1959)	169.1
CHENAB	Qadirabad	97.7	78.1	100 R 320	**High**	1078.0	EH (2025)	160.4
CHENAB	Trimmu	33.6	19.6	35 – 50	**Below Low**	944.3	EH (1928)	45.2
CHENAB	Punjnad	14.1	0.0	No sig. change	**Below Low**	802.5	EH (1973)	30.8
RAVI	Jassar	4.7	4.7	10 – 30	**Below Low**	680.0	EH (1955)	6.6
RAVI	Shahdara	6.0	6.0	No sig. change	**Below Low**	576.0	EH (1988)	17.0
RAVI	Balloki	28.1	1.7	30 – 40	**Low**	389.8	EH (1988)	36.5
RAVI	Sidhnai	18.8	2.0	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	16.6	3.1	No sig. change	**Below Low**	598.9	EH (1955)	18.7
SUTLEJ	Islam	4.3	3.0	No sig. change	**Below Low**	492.6	EH (1955)	6.7

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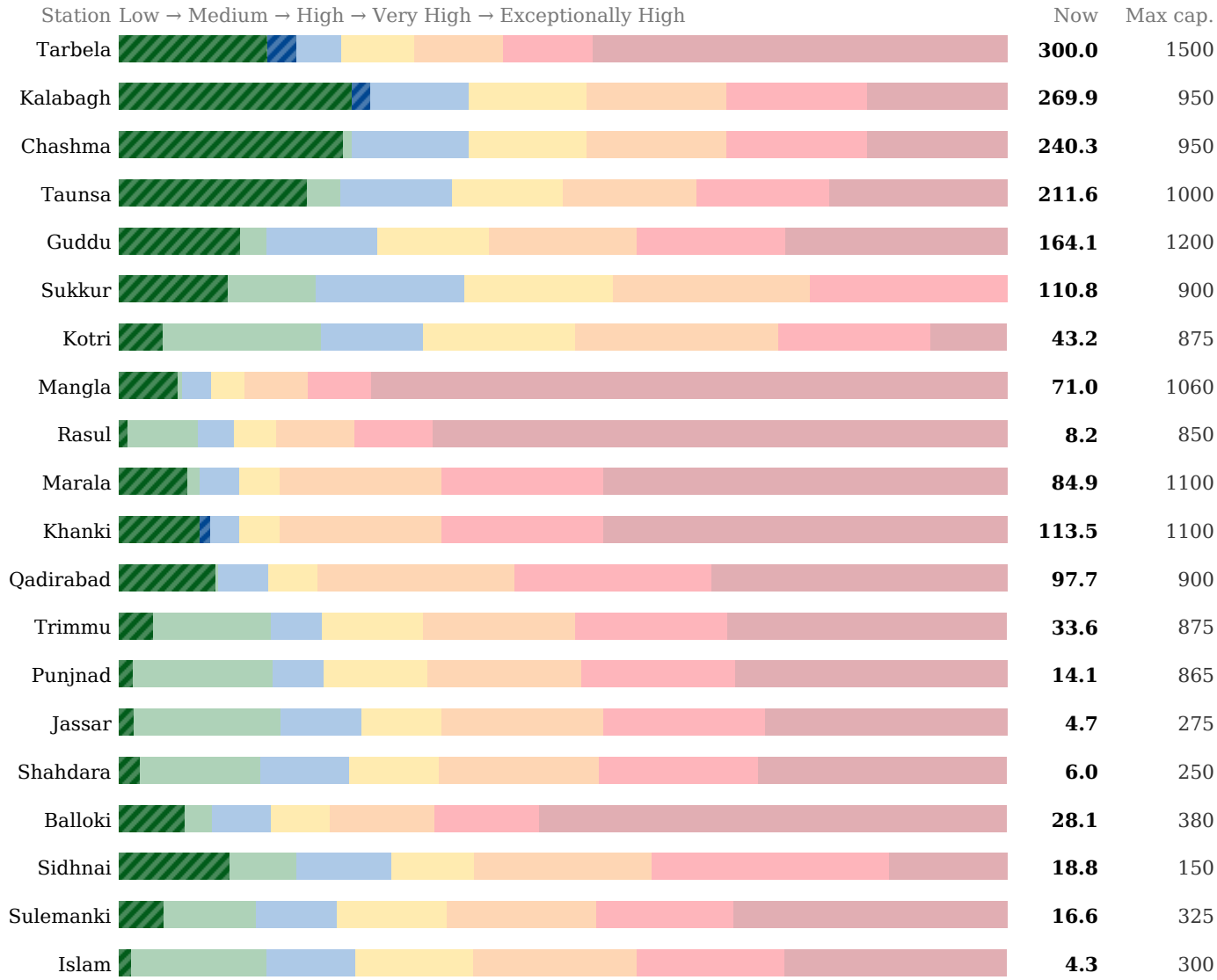
Spatial: Isolated=20 to 30% of area | Scattered=31 to 50% of area | Fairly Widespread=51 to 75% of area | Widespread=76 to 100% of area, R= Rising, F=Falling

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 high flood at 97.7 — 2.3 below its low flood level (100.0). Each bar is one station's own flood levels across its maximum capacity; the striped run is the flow so far, the plain pale run is the room still left.



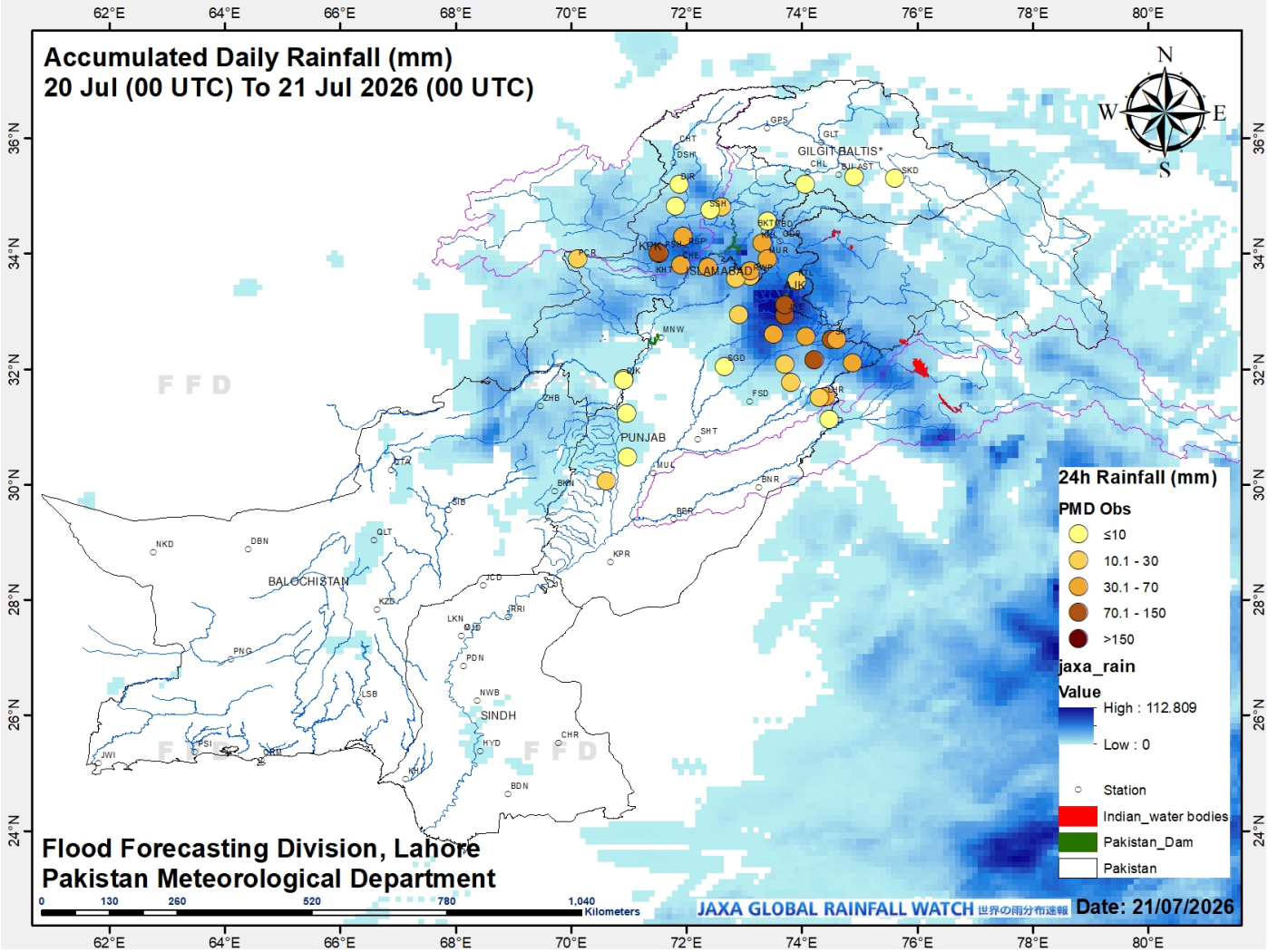
All figures in thousands of cusecs. Full bar = maximum (design) capacity. Colour blocks are that station's flood levels, so the same colour can begin at a different point on every bar. Stations without a design capacity are not shown.

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

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Rainfall recorded — last 24 hours (upto 0800 PST)

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

Indus: Attock=109,Peshawar(City=72,Bacha Khan(Airport)=57&Airport=55),Landi Kotal=71, Kamra(Airbase)=66, Islamabad[Saidpur=64, PMD H.Q=36, New Kattarian=33, Shamsabad=34, Golra=31, Bokra=29, Pirwidahi=26, Gawal Mandi=25, New Airport & Katcheri=21(each) & Chaklala (Airbase)=16], Tarbela=64, Risalpur=52, Murree=49, Takht Bai=47, Cherat=41, Mardan=40, Kakul=38, Malam Jabba=28, Pashat-Bajaur=26, Daggar=21, Phulra=19, DG Khan(Airport=16 & Vehova=06), Parachinar=14, Astore=09, Dir=08, Shinkiari=06, Dhok Pathan & Phularwan=05(each), Oghi & Khaar-Bajaur=03(each), Besham, Lower Dir, Saidu Sharif, Kohat Airbase & Babusar=02(each), D.I.Khan (Airport=02 & City=Trace), Bosak Bridge, Layyah & Tanda Dam=01(each), Skardu & Hyderabad=Trace(each).
Jhelum: Qila Rohtas=161, Mangla=84, Jhelum=81, Kotli=76, Palandri=57, Mandi Bahauddin=37, Chakwal=26, Kallar=13, Balakot=09, Baba Shah Jalal=07, Sargodha [City & Airbase=04(each)], Domel=04 & Palote=Trace.
Chenab: Daulatnagar & Gujranwala=74(each), Sialko(Airport=72 & Cantt=41), Gujrat=48, , Barnala=21, Hafizabad & Kot Addu=10(each), Aik Nullah(Ura)=05, Alexandra Bridge=03, Marala=01 & Shadiwal=Trace.
Ravi: Lahore[Johar Town=107, Gulshan-e- Ravi=98, Township=96, Samnabad=85, Iqbal town=82, Saggian Pull=58, Shadi Pura=54, Shahdara=51, Airport=48, Shahi Qilla & Tajpura=40(each), Kahna=32, Lukshmi=30, Upper Mall=25, Mugal Pura=22, Misri Shah=21,Jail Road=17,Gulberg=12,Defence & Mannawan=03(each)], Narowal=34, Sheikhupura=16, Kot Naina=07 & Zafarwal=Trace.
Sutlej: Kasur=Trace.
Others: Karachi(Faisal Base & Masroor) & Khuzdar=Trace(each).

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(Muhammad Aleem ul Hassan)
Chief Meteorologist
FFD Lahore

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1. President Secretariat, Islamabad
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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. PDMAs (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

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