23 JULY 2024

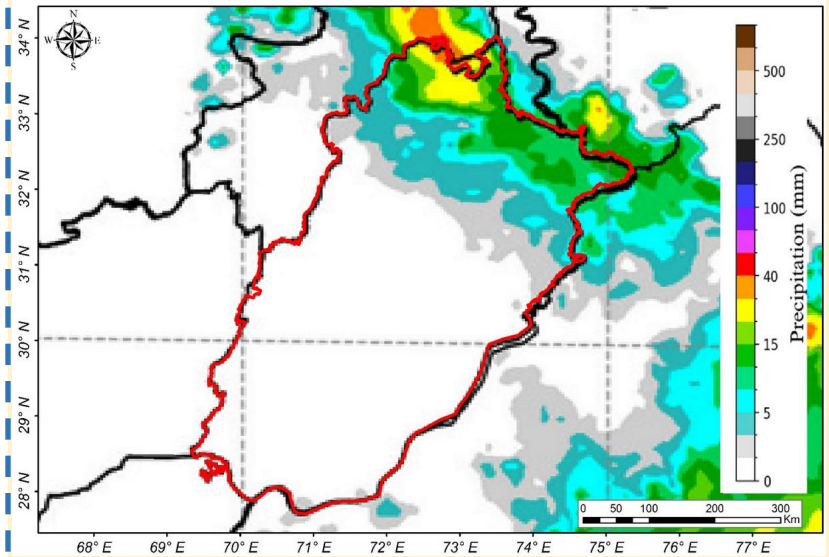
TIME: 1430 HOURS

# PROVINCIAL DISASTER MANAGEMENT AUTHORITY

## CM FLOOD ALERT FACT SHEET

## LAST 24 HOURS WEATHER SITUATION

### ACCUMULATED RAINFALL




**Maximum Temperatures recorded in last 24 hours**

- Kot Addu = 44.5 °C
- Khanpur = 44.2 °C
- Bhakkar = 44.2 °C
- Bahawalpur City = 43.5 °C
- Layyah = 43.2 °C
- R Y Khan = 43.2 °C
- Bahawalnagar = 43 °C

**Maximum Rainfall recorded in Last 12 hours (mm) (2 AM to 2 PM, 23 July)**

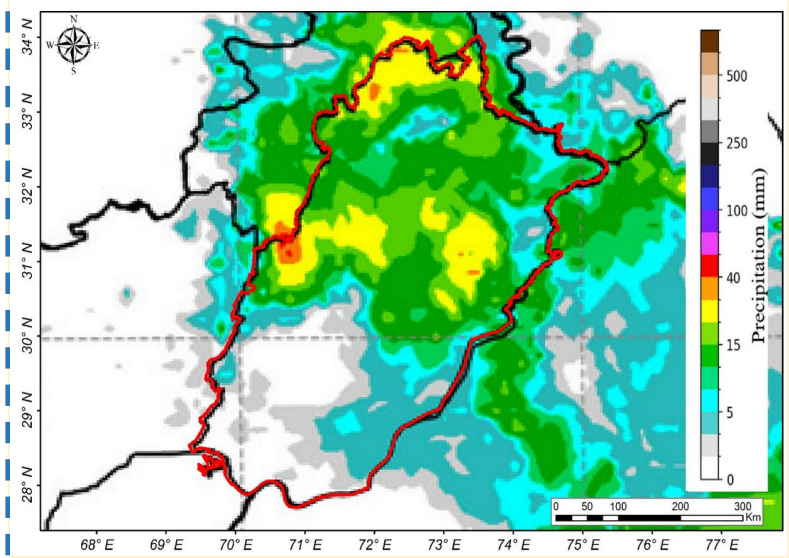
- Sialkot A/P = 104
- Mandi Bahauddin = 98
- Gujranwala = 82
- Sialkot City = 50
- Mangla = 42
- Chakala - Rawalpindi = 41
- jhelum = 37

**WEATHER ALERT**

MORE RAINS-WIND/THUNDER SHOWERS PREDICTED DURING THE NEXT WEEK - WITH OCCASIONAL GAPS IN PUNJAB (22nd to 25th July, 2024)

## NEXT 24 HOURS WEATHER SITUATION

### ACCUMULATED RAINFALL




**Weather Forecast for Next 24 Hours**

Widespread wind-thunder storms /rain of **Moderate to HEAVY** intensity with **isolated VERY HEAVY falls** are expected over the upper catchments of all the major rivers along with Rawalpindi, Sargodha & Gujranwala Divisions. Scattered thunder storms/rain of moderate Intensity with isolated heavy falls are also expected over Lahore, Faisalabad, Multan, Sahiwal, Bahawalpur and DG KhanDivisions.

**RAINFALL OUTLOOK**

Moderate to Heavy rainfall with isolated Very Heavy falls is expected over the upper catchments of all the Major rivers during the Period.

**Meteorological Features (influencing the weather in next 24 Hours)**

The latest synoptic analysis indicates that yesterday's monsoon low over central Chhattisgarh remains stationary. The trough of the westerly wave over northern Afghanistan has shifted to northeast Afghanistan and adjoining Pakistan. A moderate pressure gradient is present over the upper parts of the country and neighboring Afghanistan. Moderate moist currents are penetrating the upper regions from both the Arabian Sea and the Bay of Bengal up to 5000 feet. An active monsoon trough is situated just south of the Himalayas, extending from the Bay of Bengal to the eastern river catchments. Additionally, a seasonal low pressure lies over east Balochistan with its trough extending northward.

DATA SOURCE: JAXA SATELLITE, PMD

# LAST 24 HOURS HYDROLOGICAL SITUATION

| DAMS | Located at River | Full Reservoir level (ft) | Current Reservoir level | Storage % |
|---|---|---|---|---|
| Mangla (Pakistan) | Jhelum | 1242 | 1197.80 | 56.4 |
| Tarbela (Pakistan) | Indus | 1550 | 1515.98 | 68 |
| Bhakra (India) | Sutlej | 1680 | 1597.45 | 37 |
| Pong (India) | Beas | 1390 | 1313.55 | 23 |
| Thein (India) | Ravi | 1732 | 1635.58 | 24 |

## FFD Discharge Report

Recorded at: 23-Jul-2024 12:00 PST

| River | Site | Inflow | | Outflow | |
|---|---|---|---|---|---|
| Indus | Tarbela | 187,000 | ↗ | 150,600 | NORMAL |
| | Kalabagh | 223,896 | ↗ | 215,896 | NORMAL |
| | Chashma | 247,976 | ↗ | 234,970 | NORMAL |
| | Taunsa | 219,909 | → | 195,409 | NORMAL |
| | Guddu | 176,296 | → | 139,263 | NORMAL |
| | Sukkur | 128,010 | → | 77,200 | NORMAL |
| | Kotri | 69,361 | ↘ | 30,076 | NORMAL |
| Kabul | Nowshera | 46,900 | ↘ | 46,900 | NORMAL |
| Jhelum | Mangla | 35,000 | ↘ | 15,000 | NORMAL |
| | Rasul | 11,816 | ↗ | 0 | NORMAL |
| Chenab | Marala | 65,827 | ↘ | 38,277 | NORMAL |
| | Khanki | 54,525 | ↗ | 46,800 | NORMAL |
| | Q.Abad | 44,441 | ↘ | 26,441 | NORMAL |
| | Trimmu | 26,855 | ↘ | 10,105 | NORMAL |
| | Panjnad | 13,880 | → | 0 | NORMAL |
| Ravi | Jassar | 13,810 | ↗ | 13,810 | NORMAL |
| | Shahdara | 20,626 | ↗ | 20,626 | NORMAL |
| | Balloki | 37,665 | → | 9,265 | NORMAL |
| | Sidhnai | 15,000 | ↗ | 0 | NORMAL |
| Sutlej | GS Wala | 1,014 | → | 1,014 | NORMAL |
| | Sulemanki | 15,017 | → | 3,002 | NORMAL |
| | Islam | 2,926 | ↗ | 826 | NORMAL |

| DAM | Current Level | | Max Level | Dead Level |
|---|---|---|---|---|
| Tarbela Dam | 1515.98 | (+0.38) | 1550 | 1402 |
| Mangla Dam | 1197.80 | (+0.2) | 1242 | 1050 |

**FLOOD SITUATION IN MAJOR RIVERS**

Flows up to medium level flood are expected in Rivers Jhelum upstream and Chenab along with nullahs of Rivers Ravi and Chenab. Low to Medium level flows are also expected in the Hill torrents of DG Khan.

**HYDROLOGICAL SITUATION AT 1200 PST**

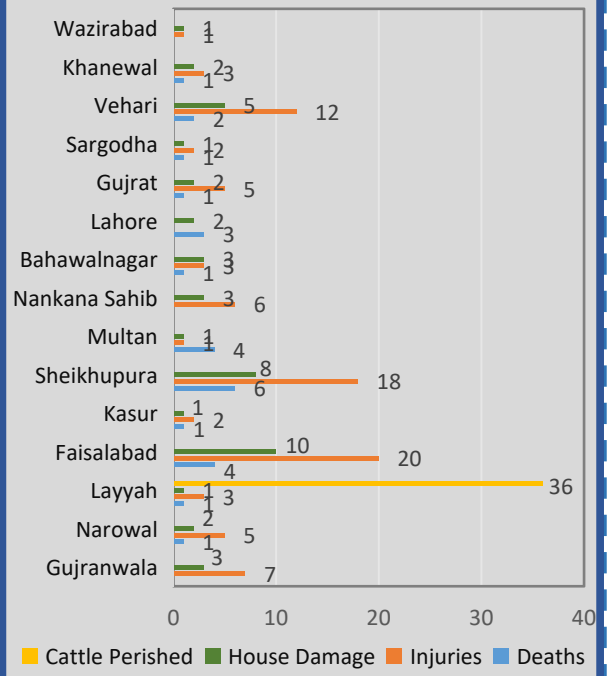
All major rivers are flowing at normal levels.

# LAST 24 HOURS LOSS/DAMAGE SITUATION (DUE TO RAIN/FLOOD)

**Reported in Last 12 Hours**


Structural Collapse | Sky-Lightening | Drowning | Electrocution

**30.06.2024 TO 23.07.2024 (1430 HRS)**




**TOTAL LOSS/DAMAGES COUNTS FROM 30.06.2024 to 23.07.2024 (1430 HRS)**

- Cattle perished = 36
- Deaths = 26
- House damages = 45
- Injuries = 88

**GUIDLINES TO DDMAs**

- Activate control rooms on 24/7 mode, well managed & equipped
- Municipalities / WASAs of Low-lying areas need to be vigilant and keep de-watering and pumping stations ready
- Arrange alternate source of power to keep pumping station operational in case of electricity failure
- Municipalities / WASAs to remove any obstacle in the flow of sewer
- DDMAs to issue early warning to the residents of Low-lying areas
- Issue advisories to the farming community to avoid irrigating cotton crops where rainfall is forecasted.

DATA SOURCE: PMD, Respective DDMAs