

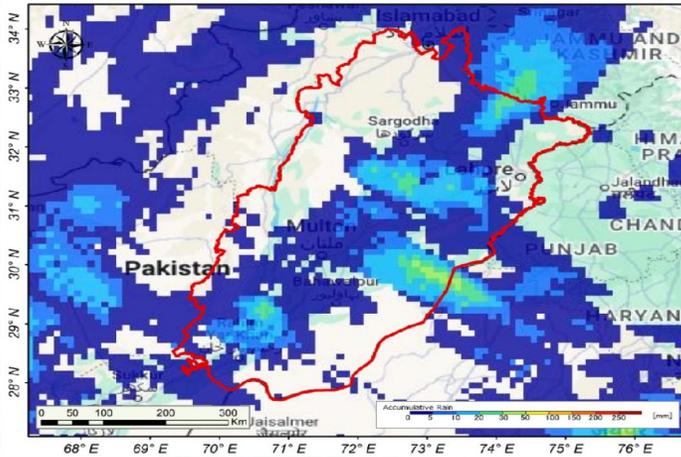


PROVINCIAL DISASTER MANAGEMENT AUTHORITY
CM FLOOD ALERT FACT SHEET



LAST 24 HOURS WEATHER SITUATION

ACCUMULATED RAINFALL



**Maximum Temperatures recorded (24 hours)
 (Till 1700 HRS, 30th August)**

- Bahawalnagar = 35 °C
- Narowal = 33.6 °C
- Sahiwal = 33 °C
- Kasur = 32.5 °C
- Okara = 32.5 °C
- Kot Addu = 32.4 °C
- Bahawalpur Airport = 32.4 °C

**Maximum Rainfall (mm) recorded
 Last 24 Hours (till 0800 HRS)**

- Rawalpindi-Chaklala = 26
- Mandi Bahauddin = 25
- Hafizabad = 23
- Gujranwala (City) = 21
- Chakwal & Khanpur = 20

WEATHER ALERT (24 Hours)

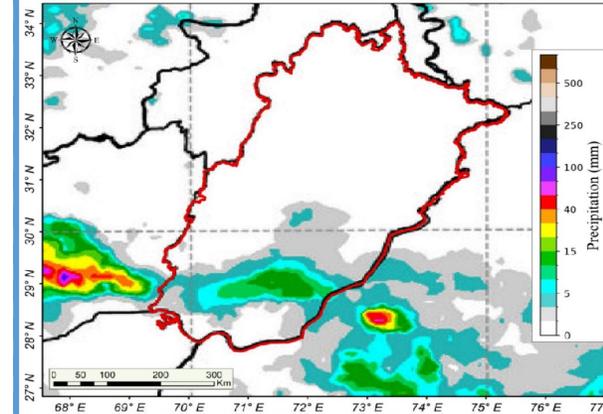
Scattered to widespread thunder storm rain of HEAVY intensity with isolated VERY HEAVY falls is expected over DG Khan division.

**RAINFALL OUTLOOK
 (1st Sep - 7th Sep, 2024)**

A fresh spell of moderate to heavy rainfall, with isolated very heavy showers, is expected in the upper catchments of all the major rivers along with Punjab from 2nd to 3rd Sep, 2024

NEXT 24 HOURS WEATHER SITUATION

ACCUMULATED RAINFALL



**WEATHER FORECAST (NEXT 24 HOURS)
 (upper catchments of rivers wise)**

Isolated thunder storm rain of moderate intensity is expected over the upper catchments of all the major rivers.

(Districts wise)

Hot and dry weather is expected in most districts of the province. Rain may occur in Murree, Galliyat and adjoining areas during night.

**WEATHER ALERT
 (POSSIBLE IMPACTS)**

- Pluvial flood/inundation may occur in low lying areas of South/central Punjab.
- Torrential rains may generate flash flooding in local nullahs/streams & Hill Torrents of D.G Khan from 27th to 31st August.
- Strong possibility of "Glacier Lake Outburst Flood" in vulnerable locations of upper KPK and Gilgit Baltistan, which may effect immensely on the water flow in Western rivers of Punjab.
- Heavy Downpour may cause urban flooding in low lying areas of Rawalpindi, Gujranwala, Lahore, Sheikhupura, Kasur, Sialkot, Sargodha, Faisalabad, Multan, Sahiwal, Okara, Pakpattan from 27th to 31st August.
- Heavy rains may trigger Landslides in Murree, Galliyat and hilly areas of DG Khan from 27th to 31st August.

WEATHER ADVISORY

TORRENTIAL RAINS IN SOUTHERN AND CENTRAL PUNJAB (27th to 31st August, 2024)

Rain-wind/thunder showers (with few heavy falls) are expected in Rawalpindi, Murree, Galliyat, Attock, Chakwal, Talagang, Jhelum, Mandi Bahauddin, Gujrat, Gujranwala, Hafizabad, Wazirabad, Sahiwal, Jhang, Toba Tek Singh, Nankana Sahib, Chiniot, Faisalabad, Lahore, Sheikhupura, Sialkot, Narowal, Okara, Pakpattan, Kasur, Khushab, Sargodha, Mianwali, Bhakkar, Layyah, DG Khan, Rajanpur, Multan, Khanewal, Lohdran, Muzaffargarh, Kot Addu, Bahawalpur, Bahawalnagar, Khanpur and RY Khan from 27th to 31st August with occasional gaps.

LAST 24 HOURS HYDROLOGICAL SITUATION

DAMS	Located at River	Full Reservoir level (ft)	Current Reservoir level	Storage %
Mangla(Pakistan)	Jhelum	1242	1220.85	77.83
Tarbela(Pakistan)	Indus	1550	1550.00	100
Bhakra (India)	Sutlej	1680	1638.01	60
Pong (India)	Beas	1390	1360.37	61
Thein (India)	Ravi	1732	1643.55	28

FFD Discharge Report

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

River	Site	Inflow	Outflow	Status
Indus	Tarbela	186,000	150,600	NORMAL
	Kalabagh	251,220	247,580	NORMAL
	Chashma	225,207	202,507	NORMAL
	Taunsa	218,365	202,365	NORMAL
	Guddu	196,500	187,953	NORMAL
Kabul	Sukkur	182,010	171,910	NORMAL
	Kotri	337,218	335,618	MEDIUM
	Nowshera	33,100	33,100	NORMAL
Jhelum	Mangla	50,000	8,000	NORMAL
	Rasul	42,050	41,380	NORMAL
	Marala	62,324	32,924	NORMAL
Chenab	Khanki	61,539	54,782	NORMAL
	Q.Abad	54,226	36,226	NORMAL
	Trimmu	33,920	24,220	NORMAL
	Panjnad	53,232	47,232	NORMAL
Ravi	Jassar	5,337	5,337	NORMAL
	Shahdara	17,800	17,800	NORMAL
	Balloki	52,980	31,080	NORMAL
	Sidhnai	30,411	24,711	NORMAL
Sutlej	GS Wala	360	360	NORMAL
	Sulemanki	16,580	11,170	NORMAL
	Islam	8,787	7,887	NORMAL

DAM	Current Level	Max Level	Dead Level
Tarbela Dam	1550.70 (+0.7)	1550	1402
Mangla Dam	1221.15 (+0.3)	1242	1050

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HYDROLOGICAL SITUATION AT 1200 PST

- The water flow in Nullah Basanter (Narowal) is in **Low flood level** at 1200 HRs, that is, **746 cusecs.**

Low Flood: 700 - 4700 cusecs

Medium Flood: 4700 - 7500 cusecs

WARNING (For 24 hours)

- FLASH FLOODING** is expected in the areas along Sulaiman ranges (DG Khan and Rajanpur districts).

FLOOD SITUATION IN MAJOR RIVERS

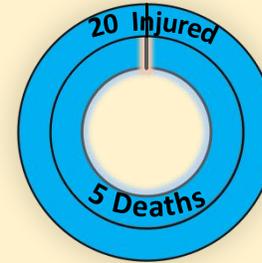
2nd Sep, 2024 to 3rd Sep, 2024

- From **September 2nd to 3rd, Medium to High level flows** are expected in the **River Jhelum upstream of Mangla**, while **Low to Medium flows** are anticipated in the **River Chenab** and in the nullahs within the catchments of the **Rivers Ravi and Chenab.**

- Flows may also increase in the **River Indus at Tarbela.**

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

Reported in Last 24 hours (till 1530 HRS)



- Structural Collapse
- Skylightening
- Drowning
- Electrocution

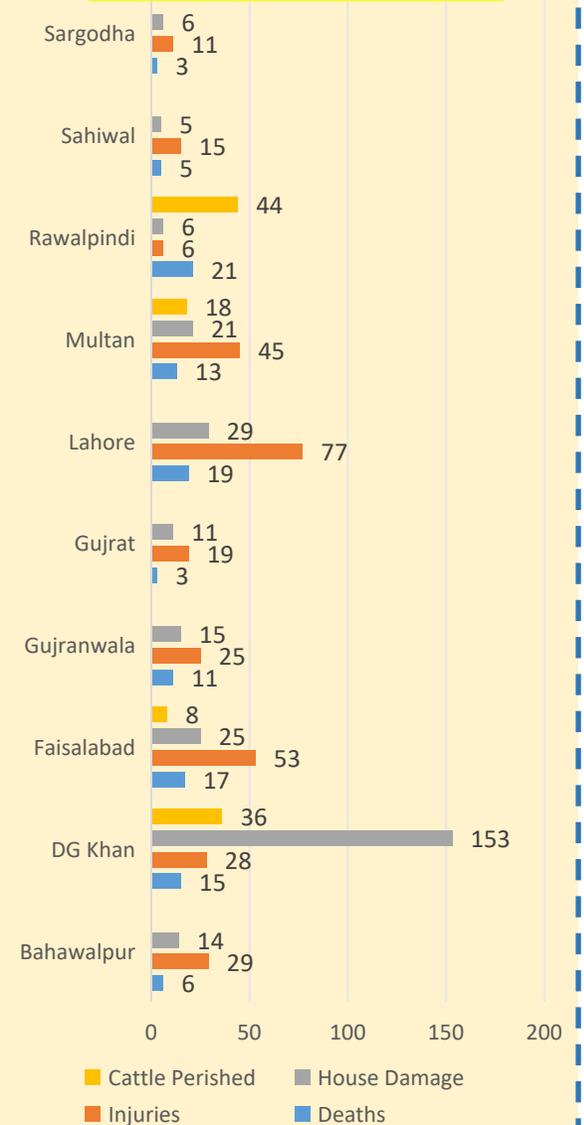
TOTAL LOSS/DAMAGES COUNTS FROM 30.06.2024 TO 31.08.2024 (1530 HRS)

- Deaths = 113
- Injuries = 308
- House damages = 285
- Cattle perished = 106

GUIDELINES FOR DDMA's

- 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
- DDMA's to issue early warning to the residents of Low-lying areas

Loss/Damage Status Divisions wise 30.06.2024 TO 31.08.2024 (1530 HRS)



DATA SOURCE: PMD, Respective DDMA's, PCIW