23 JULY 2024

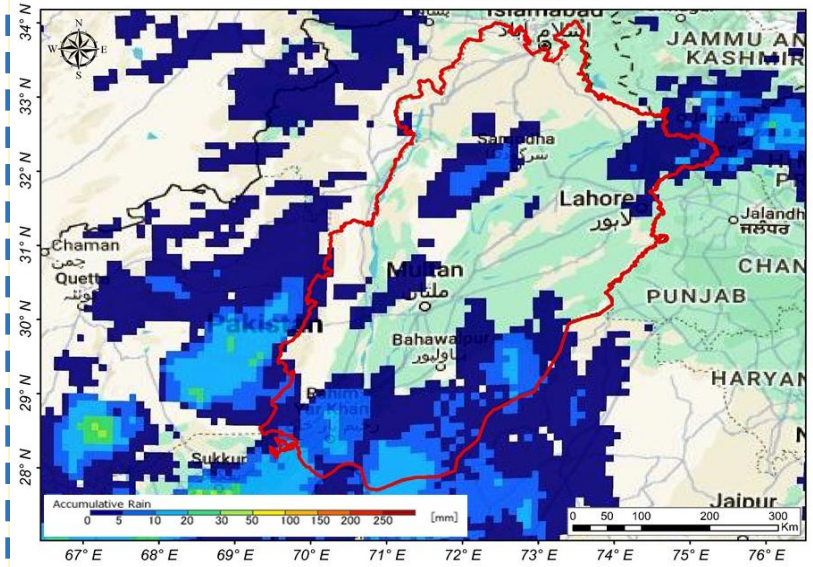
PROVINCIAL DISASTER MANAGEMENT AUTHORITY

CM FLOOD ALERT FACT SHEET

TIME: 0130 HOURS

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 24 hours (mm)

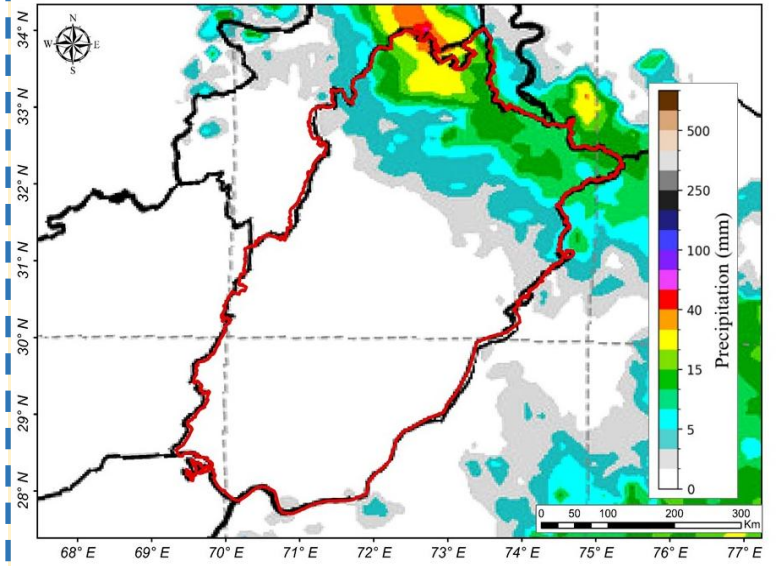
- Narowal = 23
- Gujrat = 21
- Sialkot City = 20
- Sialkot A/P = 19

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

Isolated thunder storms/rain of light to moderate intensity are expected over the upper catchments of all the Major rivers along with Rawalpindi, Sargodha, Gujranwala, Lahore, Multan and Bahawalpur Divisions. Scattered thunder storms/rain of moderate intensity with isolated heavy fall are expected over DG khan Division.

RAINFALL OUTLOOK

Moderate to heavy rainfall with isolated very heavy falls is expected over the upper catchments of rivers Kabul and Indus during 24th to 25th July. Moderate to heavy rainfall is also expected over the upper catchments of all the other major rivers during the same period. A new spell over the upper catchments of all the major rivers is likely to start from 28th July.

Meteorological Features (influencing the weather in next 24 Hours)

The monsoon low over southwest Odisha has moved to central Chhattisgarh. A trough of the westerly wave remains over northern Afghanistan, with a moderate pressure gradient over the upper parts of the country and Afghanistan. Moderate moist currents are penetrating the upper parts of the country from the Arabian Sea (up to 3000 feet) and the Bay of Bengal (up to 5000 feet). The active monsoon trough is expected to shift northward, affecting rainfall patterns from the southern to northern parts of the country. A seasonal low lies over east Balochistan with its trough extending northward. The cyclonic circulation over the northeast Arabian Sea and adjacent India has weakened, allowing moist currents from the Arabian Sea to penetrate the upper parts of the country.

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	1197.40	56.1
Tarbela (Pakistan)	Indus	1550	1516.21	68.1
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 00:00 PST

River	Site	Inflow		Outflow	
Indus	Tarbela	177,000	↘	252,900	LOW
	Kalabagh	244,884	→	236,884	NORMAL
	Chashma	245,871	↗	235,577	NORMAL
	Taunsa	224,841	→	201,841	NORMAL
	Guddu	180,939	→	143,568	NORMAL
	Sukkur	126,350	→	75,695	NORMAL
	Kotri	75,785	→	34,680	NORMAL
Kabul	Nowshera	47,900	↗	47,900	NORMAL
Jhelum	Mangla	18,000	↘	15,000	NORMAL
	Rasul	10,470	↗	0	NORMAL
Chenab	Marala	71,430	↗	43,630	NORMAL
	Khanki	50,244	↘	42,344	NORMAL
	Q.Abad	50,765	↗	32,765	NORMAL
	Trimmu	28,937	→	12,187	NORMAL
	Panjnad	13,880	↘	0	NORMAL
Ravi	Jassar	12,571	↘	12,571	NORMAL
	Shahdara	19,496	↗	19,496	NORMAL
	Balloki	35,360	↗	6,960	NORMAL
	Sidhnai	15,000	→	0	NORMAL
Sutlej	GS Wala	1,014	→	1,014	NORMAL
	Sulemanki	14,514	→	3,002	NORMAL
	Islam	1,800	↘	0	NORMAL

DAM	Current Level		Max Level	Dead Level
Tarbela Dam	1516.21	(+0.02)	1550	1402
Mangla Dam	1197.40	(+0.05)	1242	1050

FLOOD SITUATION IN MAJOR RIVERS

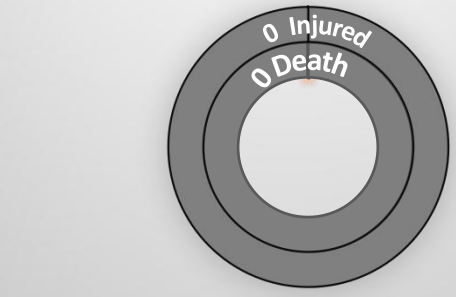
No High flood situation is expected. However, flows may rise

HYDROLOGICAL SITUATION AT 0000 PST

Water flow at Tarbela is at low flood level, whereas all other major rivers are flowing at normal levels.

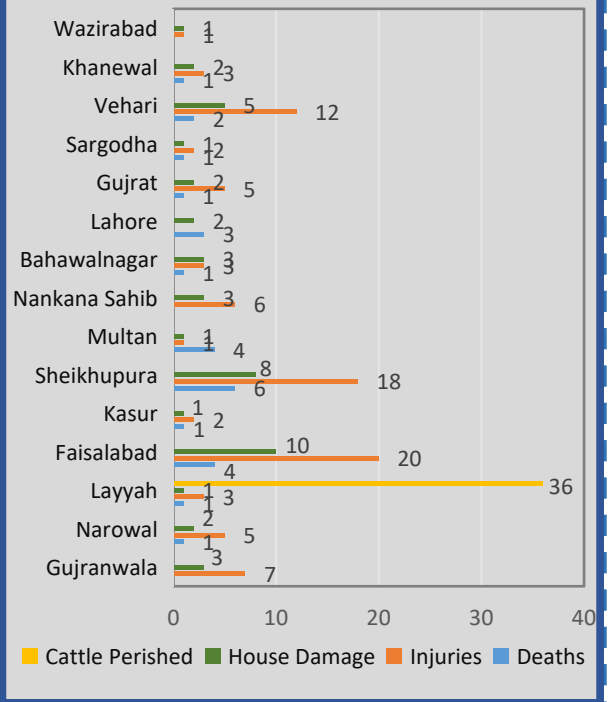
LAST 24 HOURS LOSS/DAMAGE SITUATION (DUE TO RAIN/FLOOD)

Reported in Last 12 Hours



Structural Collapse | Sky-Lightening | Drowning | Electrocution

30.06.2024 TO 23.07.2024 (0130 HRS)



TOTAL LOSS/DAMAGES COUNTS FROM 30.06.2024 to 23.07.2024 (0130 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