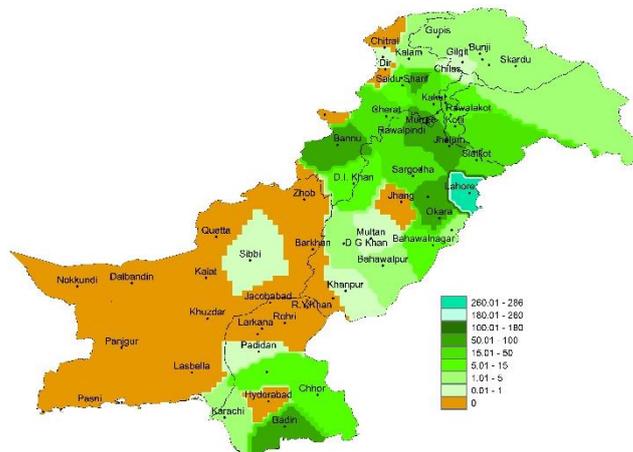


Weekly Weather and Crop Bulletin for Pakistan

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PAKISTAN METEOROLOGICAL
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Highlights of Past Weather (18th September 2023 – 24th September 2023)

- Light to moderate rainfall was reported from Punjab and KPK with some heavy falls at scattered places of the provinces.
- Light rain was reported from Gilgit-Baltistan and Kashmir.
- Light to moderate rain was reported from scattered places of Sindh.
- Dry weather reported from Baluchistan Province.
- Above-normal mean temperatures were observed in most parts of the country.

Rainfall Distribution (mm) during the Previous Week (18th September 2023 – 24th September 2023)

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Past Weather of Provinces (18th September 2023 – 24th September 2023)

Punjab

Light to moderate rainfall was reported from Punjab with some heavy falls at scattered places. Weekly maximum and minimum temperatures recorded as 34.0°C & 24.3°C respectively. For the recent week on average 169.0 growing degree days were accumulated. Average relative humidity recorded as 73% and wind speed in the morning/evening recorded as 2.6/3.1 Knots. The highest Maximum temperature was recorded as 40.4°C at Khanpur. Highest precipitation recorded as 286.0 mm from Lahore.

Baluchistan

Dry weather was reported from Baluchistan province. Weekly maximum and minimum temperatures recorded as 35.2°C & 21.6°C respectively. For the recent week on average 163.8 growing degree days were accumulated. Average relative humidity recorded 50% and wind speed in the morning/evening recorded as 1.4/7.3Knots. Highest Maximum temperature recorded as 45.5°C at Turbat. Highest precipitation recorded as 0.01(trace) mm from Sibbi.

Khyber Pakhtunkhwa

Light to moderate rain reported (with some heavy falls at scattered places) from KPK. Weekly maximum and minimum temperatures recorded as 31.5 °C & 19.6°C respectively. For the recent week on average 143.7 growing degree days were accumulated. Average relative humidity recorded as 71% and wind speed in the morning/evening recorded as 3.6/1.9 Knots. During the previous week the highest precipitation was recorded as 70.0 mm at Bannu while the highest maximum temperature recorded as 40.5 °C at Dera Ismail Khan.

Sindh

Light to moderate rain was reported from scattered places of Sindh province. Weekly maximum and minimum temperatures recorded as 36.5°C &

26.9°C respectively. For the recent week, on average 186.9 growing degree days were accumulated. Average relative humidity recorded as 67% and wind speed in the morning/evening recorded as 3.7/4.7 Knots. During the previous week the highest maximum temperature recorded as 31.5°C at Badin. Highest precipitation recorded as 64.0 mm from Mithi.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light rain reported from Gilgit Baltistan and Kashmir. Weekly maximum and minimum temperatures recorded as 30.0°C & 17.5°C respectively. For the recent week on average 131.3 growing degree days were accumulated. Average relative humidity recorded as 58% and wind speed in the morning/evening recorded as 0.6/3.0 Knots. During the previous week the highest precipitation was recorded as 31.0 mm at Garhi Dopatta while the highest maximum temperature recorded as 38.0°C at Chilas.

Past Weather for Major Agricultural Plains (18th September 2023 – 24th September 2023)

Rawalpindi (Potohar region)

Rainfall reported as 72.2 mm from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 1.4/3.1 Oktas while, average relative humidity observed as 72%. Mean day time temperature was recorded as 33.4°C and for the recent week 153.5 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.6/0.3 Knots. The highest maximum temperature was recorded as 35.2°C.

Faisalabad (Central Punjab)

Rainfall reported as 110.2 mm from Faisalabad during the week; however, cloudiness in the morning/evening recorded as 4.0/3.4 Oktas while, average relative humidity observed as 81.5%. Mean day time temperature recorded as 33.4°C & for the recent week 167.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.4/1.2 Knots. Highest maximum temperature was recorded as 37.5°C.

Tandojam (Lower Sindh)

Dry weather reported from Tandojam during the week; however, cloudiness in the morning/evening recorded as 3.0/2.9 Oktas, average relative humidity observed as 72%. Mean day time temperature recorded as 35.7°C & for the recent week 179.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.4/2.2 Knots. Highest maximum temperature was recorded as 38.5°C.

Usta Muhammad (Eastern Baluchistan)

Dry weather reported from Usta Muhammad during the week; however, cloudiness in the morning/evening recorded as 1.8/0.7 Oktas, average relative humidity observed as 69%. Mean day time temperature recorded as 37.8°C & for the recent week 188.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.7/3.1 Knots. Highest maximum temperature was recorded as 38.5°C.

Quetta (Northern Baluchistan)

Dry weather reported from Quetta during the week; however, cloudiness in the morning/evening recorded as 0.0/0.1Oktas while, average relative humidity observed as 28%. Mean day time temperature recorded as 31.0°C & for the recent week 125.8 growing degree days accumulated.

Wind speed recorded in the morning/evening as 1.8/3.3 Knots. Highest maximum temperature was recorded as 33°C.

Past Weather for Sub-Regional Agricultural Plains (11th September 2023 – 17th September 2023)

Multan

Rainfall reported from Multan as 0.01 (trace)mm during the week; however, cloudiness in the morning/evening recorded as 1.3/2.6 Oktas. Average relative humidity observed as 67%. Mean day time temperature recorded as 35.6°C & for the recent week 183.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 4.9/5.4Knots.

Lahore

Rainfall reported as 286.0mm from Lahore during the week; however, cloudiness in the morning/evening recorded as 4.8/4.4 Oktas, average relative humidity observed as 79 %. Mean day time temperature recorded as 31.0°C & for the recent week 154.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.7/2.0Knots.

Zhob

Dry weather reported from Zhob during the week; however, cloudiness in the morning/evening recorded as 0.9/0.7 Oktas while, average relative humidity observed as 42%. Mean day time temperature recorded as 33.4°C & for the recent week 160.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 4.1/4.9 Knots.

Murree

Rainfall reported as 45.0mm from Murree during the week; however, cloudiness in the morning/evening recorded as 1.1/4.0 Oktas while, average relative humidity observed as 73.4%. Mean day time temperature recorded as 22.6°C & for the recent week 96.9 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.1/2.0Knots.

D.I. Khan

Rainfall reported as 6.0mm from DI Khan during the week; however, cloudiness in the morning/evening recorded as 1.6/1.0 Oktas while

average relative humidity observed as 68%. Mean day time temperature recorded as 37.6°C & for the recent week 188.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.1/1.1 Knots.

Peshawar

Rainfall reported as 18.0mm from Peshawar during the week; however, cloudiness in the morning/evening recorded as 2.7/3.3 Oktas while, average relative humidity observed as 53.6%. Mean day time temperature recorded as 32.2°C & for the recent week 132.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/3.4 Knots.

Kalam

Rainfall reported as 4.0mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 1.1/5.0 Oktas while, average relative humidity observed as 48.5%. Mean day time temperature recorded as 24.2°C & for the recent week 79.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/2.3 Knots.

Gilgit

Rainfall reported as 1.8mm from Gilgit during the week, cloudiness in the morning/evening recorded as 4.6/4.0 Oktas while, average relative humidity observed as 53.6%. Mean day time temperature recorded as 32.2°C & for the recent week 132.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/3.4 Knots.

Skardu

Rainfall weather reported as 3.0mm from Skardu during the week; however, cloudiness in the morning/evening recorded as 4.0/5.0 Oktas while, average relative humidity observed as 48.5%. Mean day time temperature recorded as 25.6°C & for the recent week 100.6 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/2.3Knots.

Crop Situation for Major Agricultural Plains (Based on data from Regional Agromet Centers)

Potohar Region (Rawalpindi)

There is presently no crop grown in the fields of RAMC Rawalpindi.

Central Punjab (Faisalabad)

Cotton crop is grown in the fields. Date of sowing 30-05-2023. Variety: FH490, BT, Stage: Boll opening, irrigated, condition: very good

Lower Sindh (Tandojam)

Cotton crop is grown in the fields. Date of sowing 11-05-2023. Variety:TH108, Stage: 3rd picking is going on. Irrigated.

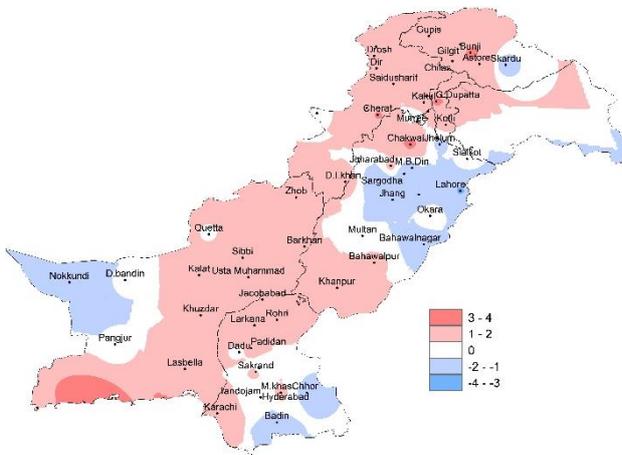
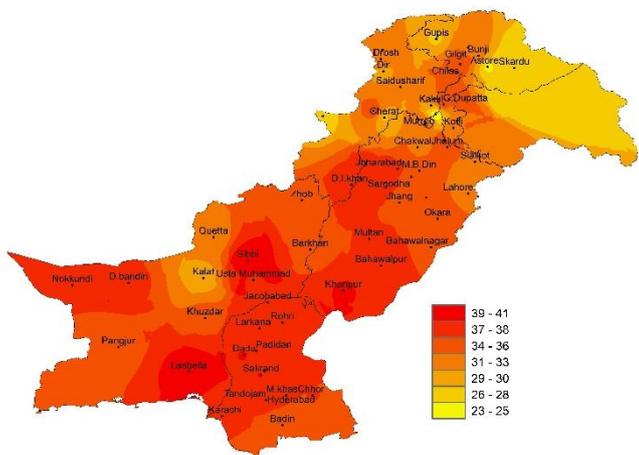
Northern Baluchistan (Quetta)

There is presently no crop grown in the fields of Quetta (Sariab).

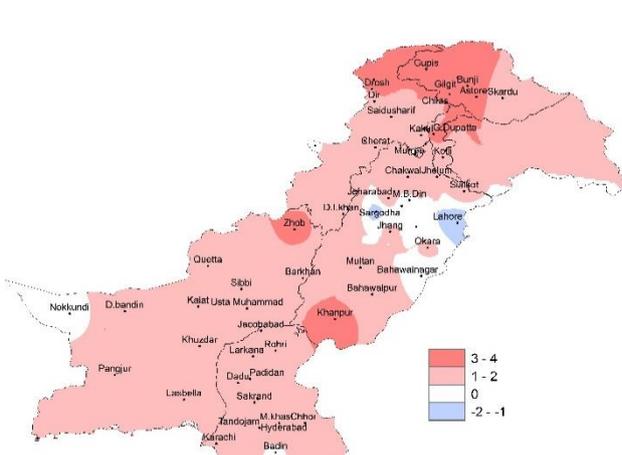
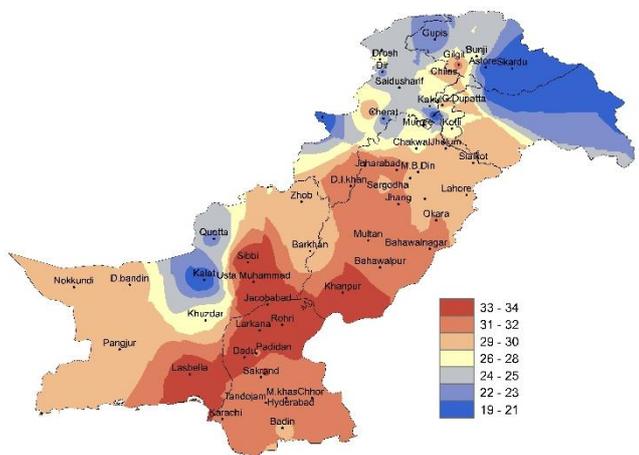
Eastern Baluchistan (Usta Muhammad)

Rice crops are grown in the fields. Stage: tillering, condition: good.

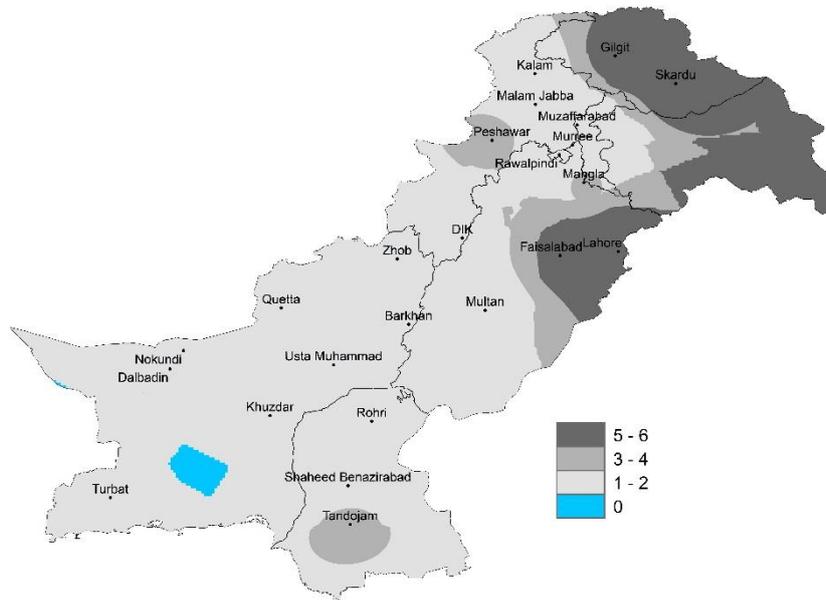
Actual & Departure of Maximum temperature (°C) for the Previous week (18th September 2023 – 24th September 2023)



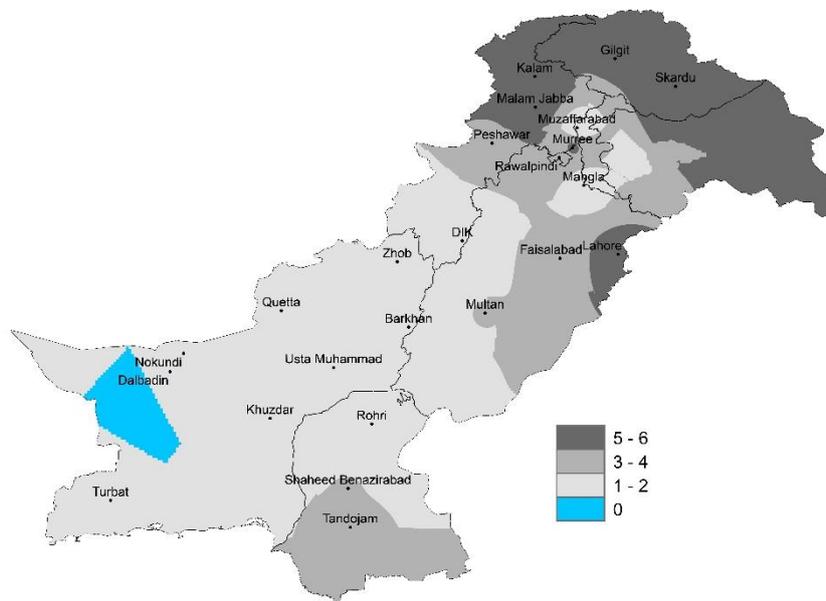
Actual & Departure of Mean temperature (°C) for the Previous week (18th September 2023 – 24th September 2023)



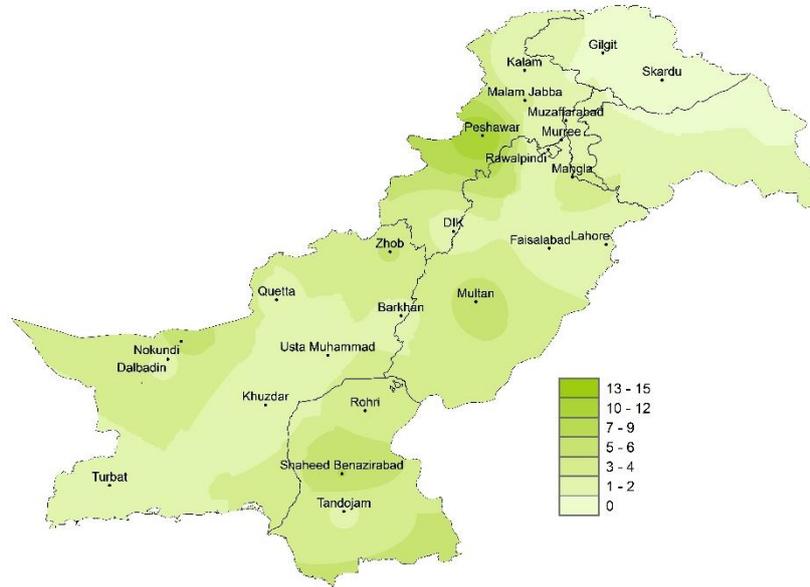
Mean Cloudiness (Octas) at 0800PST during the
Previous week (18th September 2023 – 24th September



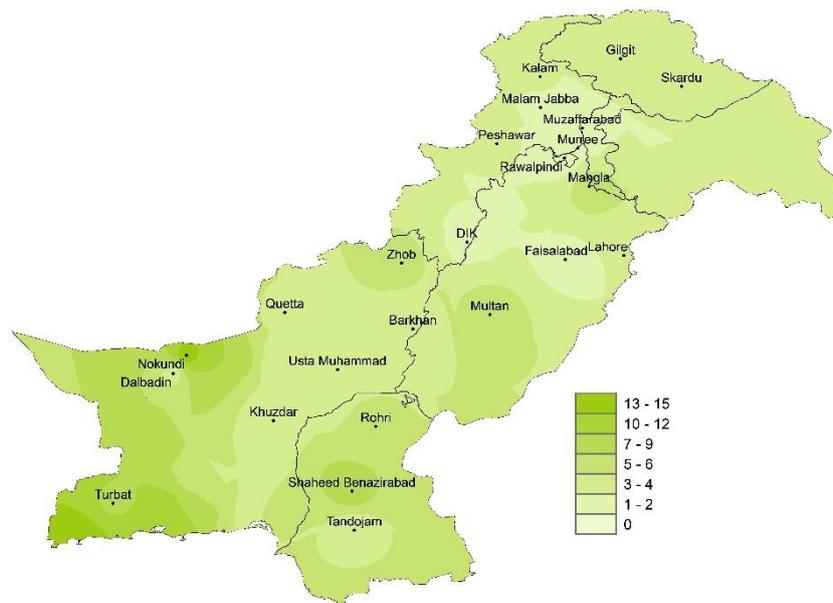
Mean Cloudiness (Octas) at 1700PST during the
Previous week (18th September 2023 – 24th September



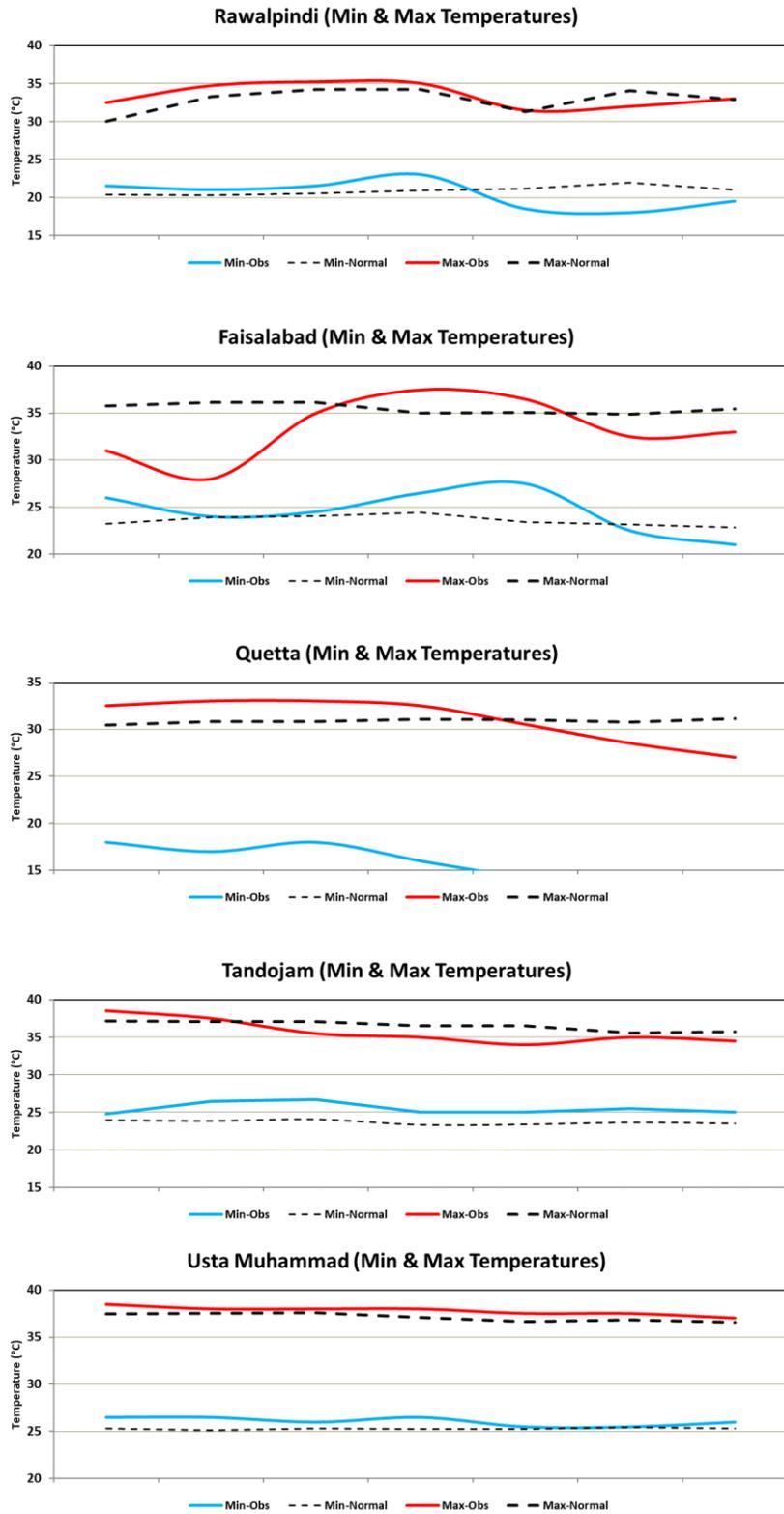
Mean Wind Speed (Knots) at 0800PST during the
Previous week (18th September 2023 – 24th September 2023)



Mean Wind Speed (Knots) at 1700PST during the
Previous week (18th September 2023 – 24th September 2023)



**Comparison of temperatures for RAMCs (Minimum & Maximum with normal)
during the previous week (18th September 2023 – 24th September 2023)**



Weekly Weather Advisory for Farmers
(25th September 2023 – 01st October 2023)

A shallow westerly wave is still prevailing over northern parts of the country and likely to move eastwards during next 24 hours.

25-09-2023**MONDAY**

Dry weather is expected in most parts of the country. However, rain-wind/thundershower is expected south Punjab, upper Khyber Pakhtunkhwa, Gilgit-Baltistan and Kashmir during evening/night.

TUESDAY**26-09-2023**

Dry weather is expected in most parts of the country. However, rain-wind/thundershower is expected south Punjab, upper Khyber Pakhtunkhwa, Gilgit-Baltistan and Kashmir during evening/night.

WEDNESDAY**27-09-2023**

Mainly dry weather is expected in most parts of the country. However, rain-wind/thunderstorm is expected at isolated places in upper Khyber Pakhtunkhwa.

THURSDAY**28-09-2023**

Mainly dry weather is expected in most parts of the country. However, rain-wind/thunderstorm is expected at isolated places in upper Khyber Pakhtunkhwa, Potohar region, Islamabad and Gilgit Baltistan.

FRIDAY**29-09-2023**

Mainly dry weather is expected in most parts of the country. However, rain-wind/thunderstorm (with snowfall over high mountains) is expected in upper Khyber Pakhtunkhwa, Islamabad, upper Punjab, Gilgit Baltistan and Kashmir.

SATURDAY**30-09-2023**

Mainly dry weather is expected in most parts of the country. However, rain-wind/thunderstorm (with light snowfall over high mountains) is expected in Chitral and Gilgit Baltistan.

SUNDAY**01-10-2023**

Mainly dry weather is expected in most parts of the country.

ADVISORY FOR FARMERS

- The farmers may plan field activities according to the PMD weather forecast.

National Weather Data of Selected Cities from (18th September 2023 – 24th September 2023)

Stations	Maximum/Day Time Temperature (°C)		Growing Degree Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800 PST	Cloudiness (Oktas) 1700 PST	Wind Speed (Knots) 0800 PST	Wind Speed (Knots) 1700 PST
	Mean	Highest							
D.I. Khan	37.6	40.5	188.0	68	6.01	1.6	1.0	1.1	1.1
Faisalabad	33.4	37.5	167.8	82	110.20	4.0	3.4	1.4	1.2
Gawadar	35.6	37.5	176.5	80	0.00	1.9	0.6	0.0	14.9
Gilgit	32.2	35.5	132.5	54	1.83	4.6	4.0	0.0	3.4
Kalam	24.2	26.0	79.0	49	4.00	1.1	5.0	0.0	2.3
Khuzdar	34.2	35.5	154.0	26	0.00	0.0	0.6	0.0	2.3
Lahore	31.0	34.5	154.5	78	286.00	4.8	4.4	1.7	2.0
Malam Jabba	20.6	22.5	79.3	82	51.00	2.1	5.0	2.3	1.7
Mangla	33.3	36.4	165.5	71	82.30	2.7	1.6	2.6	5.4
Multan (PBO)	35.6	38.3	183.3	67	0.01	1.3	2.6	4.9	5.4
Murree	22.6	24.0	96.9	73	45.01	1.1	4.0	1.1	2.0
Muzaffarabad	33.0	33.8	154.6	59	11.30	0.9	1.6	0.0	0.9
Sh. Ben. Abad	37.8	39.5	191.8	67	12.00	1.4	2.6	6.3	7.4
Peshawar	35.1	37.5	172.9	70	18.01	2.7	3.3	10.9	2.6
Quetta	31.0	33.0	125.8	28	0.00	0.0	0.1	1.8	3.3
Rawalpindi	33.4	35.2	153.5	72	72.20	1.4	3.1	0.6	0.3
Rohri	37.8	39.0	194.5	62	0.00	0.0	0.3	3.4	4.6
Skardu	25.6	29.6	100.6	49	3.01	4.0	5.0	0.0	2.3
Tandojam	35.7	38.5	179.3	72	0.00	3.0	2.9	1.4	2.2
Usta.M	37.8	38.5	188.5	69	0.00	1.8	0.7	1.7	3.1
Zhob	33.4	35.5	160.8	42	0.00	0.9	0.7	4.1	4.9

*** Shows that data was not available.