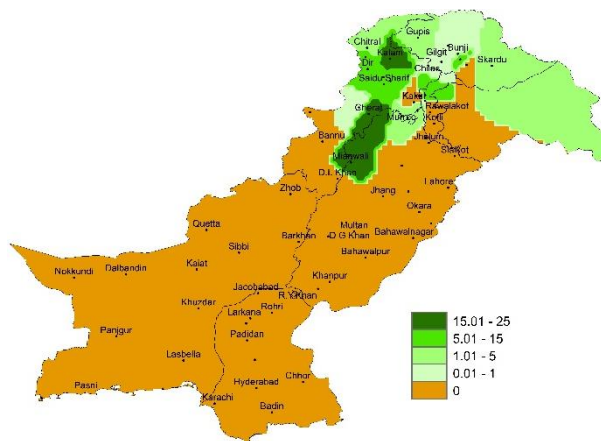


Weekly Weather and Crop Bulletin for Pakistan

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PAKISTAN METEOROLOGICAL
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Highlights of Past Weather (25th September 2023 – 01st October 2023)

- Light to moderate rain was reported from KPK, northwestern part of Punjab, Potohar region, and Kashmir
- Light rain was reported from Gilgit-Baltistan.
- Dry weather reported from the rest of the country.
- Normal to near normal mean temperatures were observed in most parts of the country except Sindh where above normal temperatures were observed.

Rainfall Distribution (mm) during the Previous Week (25th September 2023 – 01st October 2023)

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Editor-in-Chief: Asma Jawad Hashmi (Director)

Editor: Dr. Tariq Mahmood (Meteorologist)

Past Weather of Provinces (25th September 2023 – 01st October 2023)**Punjab**

Light to moderate rainfall was reported from the Potohar region and northwestern part of Punjab. Weekly maximum and minimum temperatures recorded as 34.2°C & 21.6°C respectively. For the recent week on average 160.5 growing degree days were accumulated. Average relative humidity recorded as 60% and wind speed in the morning/evening recorded as 1.6/3.0 Knots. The highest Maximum temperature was recorded as 41.0°C at Rahim Yar Khan. Highest precipitation recorded as 19.0 mm from Mianwali.

Baluchistan

Dry weather reported from Baluchistan province. Weekly maximum and minimum temperatures recorded as 33.7°C & 18.0°C respectively. For the recent week on average 145.8 growing degree days were accumulated. Average relative humidity recorded 39% and wind speed in the morning/evening recorded as 1.1/5.0 Knots. Highest Maximum temperature recorded as 42.0°C at Turbat. Highest precipitation recorded as Dry weather.

Khyber Pakhtunkhwa

Light to moderate rain reported from KPK. Weekly maximum and minimum temperatures recorded as 28.9 °C & 14.7°C respectively. For the recent week on average 117.2 growing degree days were accumulated. Average relative humidity recorded as 61% and wind speed in the morning/evening recorded as 1.6/2.1 Knots. During the previous week the highest precipitation was recorded as 24.0 mm at Chitral while the highest maximum temperature recorded as 37.5 °C at Dera Ismail Khan.

Sindh

Dry weather is reported from Sindh province. Weekly maximum and minimum temperatures recorded as 37.8°C & 25.5°C respectively. For the recent week, on average 187.0 growing degree days

were accumulated. Average relative humidity recorded as 58% and wind speed in the morning/evening recorded as 2.4/4.5 Knots. During the previous week the highest maximum temperature recorded as 42.5°C at Nawabshah. Highest precipitation recorded as Dry Weather.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light rain reported from Gilgit Baltistan while light to moderate rain reported from Kashmir. Weekly maximum and minimum temperatures recorded as 26.4°C & 12.9°C respectively. For the recent week on average 102.6 growing degree days were accumulated. Average relative humidity recorded as 54% and wind speed in the morning/evening recorded as 1.3/2.0 Knots. During the previous week the highest precipitation was recorded as 4.6 mm at Skardu while the highest maximum temperature recorded as 35.5°C at Garhi Dopatta.

Past Weather for Major Agricultural Plains (25th September 2023 – 01st October 2023)

Rawalpindi (Potohar region)

Rainfall reported as 1.2 mm from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 1.0/1.3 Oktas while, average relative humidity observed as 60%. Mean day time temperature was recorded as 33.0°C and for the recent week 138.6 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.3/1.1 Knots. The highest maximum temperature was recorded as 34.5°C.

Faisalabad (Central Punjab)

Dry weather reported from Faisalabad during the week; however, cloudiness in the morning/evening recorded as 0.9/0.7 Oktas while, average relative humidity observed as 70%. Mean day time temperature recorded as 34.0°C & for the recent week 160.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/0.6 Knots. Highest maximum temperature was recorded as 34.5°C.

Tandojam (Lower Sindh)

Dry weather reported from Tandojam during the week; however, clear sky has been observed, average relative humidity observed as 62%. Mean day time temperature recorded as 37.1°C & for the recent week 180.7 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.1/1.4 Knots. Highest maximum temperature was recorded as 40.0°C.

Usta Muhammad (Eastern Baluchistan)

Dry weather reported from Usta Muhammad during the week; however, clear sky has been observed, average relative humidity observed as 66%. Mean day time temperature recorded as 36.9°C & for the recent week 185.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.5/3.1 Knots. Highest maximum temperature was recorded as 28.0°C.

Quetta (Northern Baluchistan)

Dry weather reported from Quetta during the week; however, clear sky has been observed, average relative humidity observed as 18%. Mean day time temperature recorded as 26.0°C & for the recent week 91.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.7/3.8 Knots. Highest maximum temperature was recorded as 28°C.

Past Weather for Sub-Regional Agricultural Plains (25th September 2023 – 01st October 2023)

Multan

Dry weather reported from Multan as 0.01 during the week; however, cloudiness in the morning/evening recorded as 0.9/0.7 Oktas. Average relative humidity observed as 56%. Mean day time temperature recorded as 35.1°C & for the recent week 170.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.3/6.3Knots.

Lahore

Dry weather reported from Lahore during the week; however, cloudiness in the morning/evening recorded as 1.1/0.7 Oktas, average relative humidity observed as 63 %. Mean day time temperature recorded as 33.8°C & for the recent week 161.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/2.0Knots.

Zhob

Dry weather reported from Zhob during the week; however, cloudiness in the morning/evening recorded as 0.0/0.0 Oktas while, average relative humidity observed as 32%. Mean day time temperature recorded as 30.2°C & for the recent week 134.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 3.3/5.0 Knots.

Murree

Dry weather reported from Murree during the week; however, cloudiness in the morning/evening recorded as 1.4/1.4 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded as 21.4°C & for the recent week 83.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.9/0.6Knots.

D.I. Khan

Dry weather reported from DI Khan during the week; however, cloudiness in the morning/evening recorded as 0.9/0.0 Oktas while average relative humidity observed as 59%. Mean day time temperature recorded as 35.2°C & for the recent week 166.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.7/1.7 Knots.

Peshawar

Dry weather reported from Peshawar during the week; however, cloudiness in the morning/evening recorded as 1.1/1.3 Oktas while, average relative humidity observed as 59.3%. Mean day time temperature recorded as 32.8°C & for the recent week 145.2 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.3/1.4 Knots.

Kalam

Rainfall reported as 16.5mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 1.4/4.6 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded as 21.4°C & for the recent week 52.2growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.9 Knots.

Gilgit

Rainfall reported as 0.02mm (trace) from Gilgit during the week, cloudiness in the morning/evening recorded as 3.1/5.4 Oktas while, average relative humidity observed as 48.2%. Mean day time temperature recorded as 26.8°C & for the recent week 103.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 3.0/2.1 Knots.

Skardu

Rainfall weather reported as 4.6mm from Skardu during the week; however, cloudiness in the morning/evening recorded as 3.3/1.9 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded as 21.7°C & for the recent week 67.7 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/0.9Knots.

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 done. Irrigated.

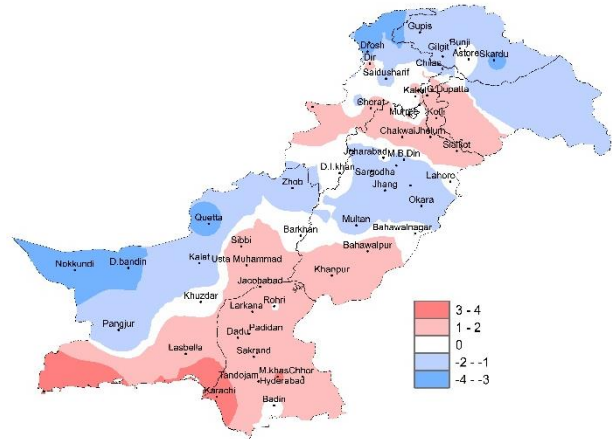
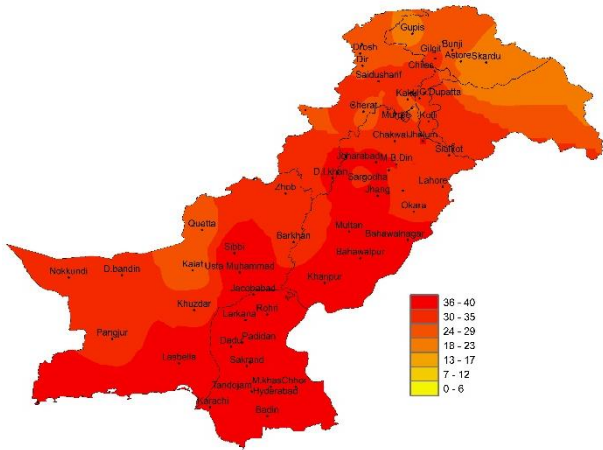
Northern Baluchistan (Quetta)

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

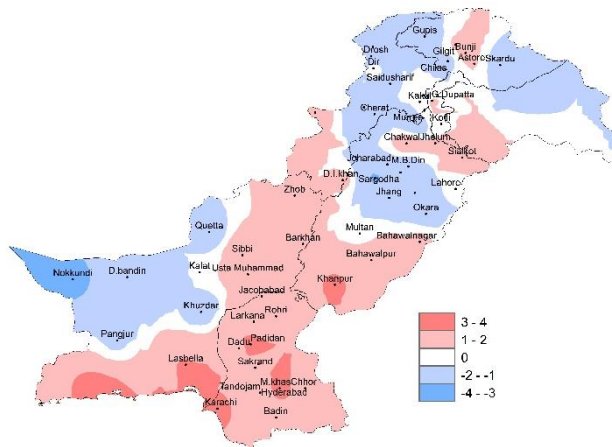
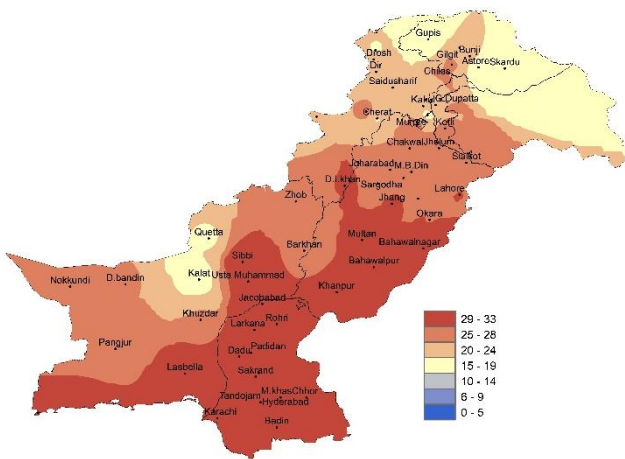
Eastern Baluchistan (Usta Muhammad)

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

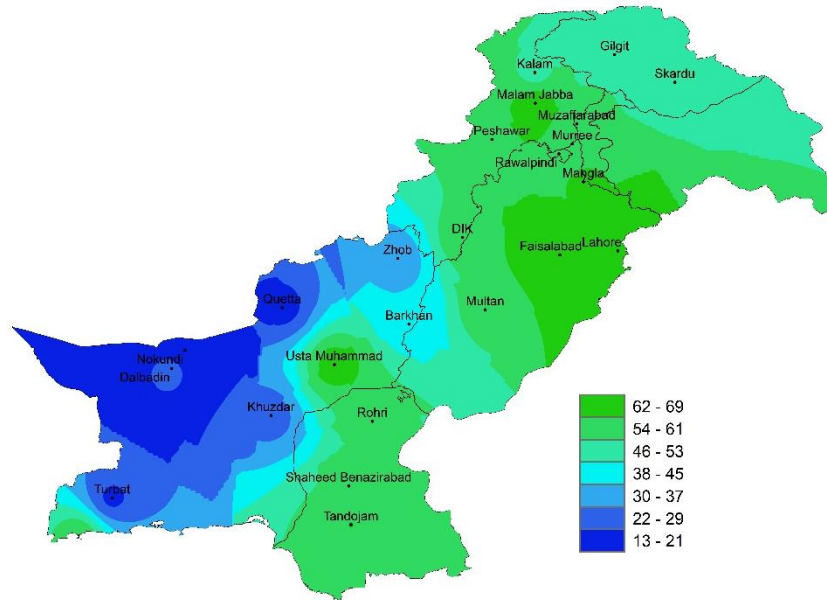
Actual & Departure of Maximum temperature (°C) for the Previous week (25th September 2023 – 01st October 2023)



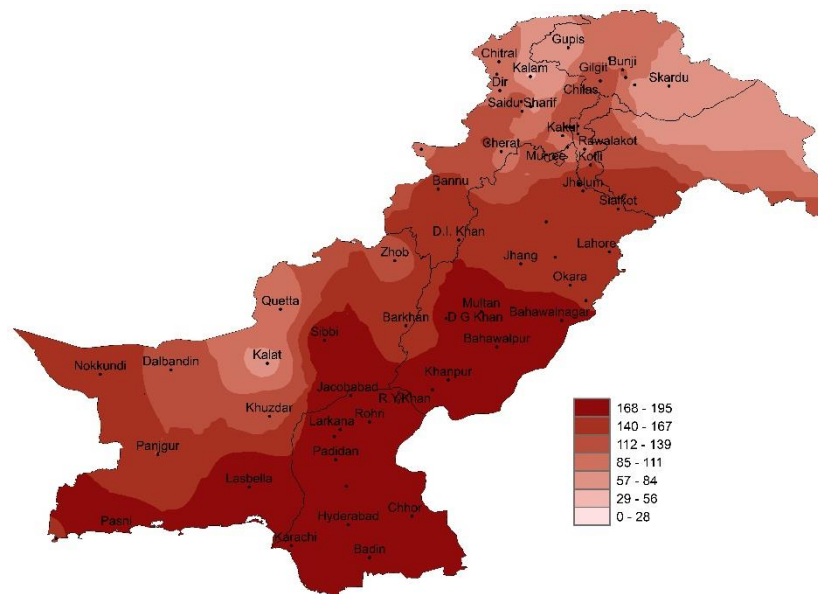
Actual & Departure of Mean temperature (°C) for the Previous week (25th September 2023 – 01st October 2023)



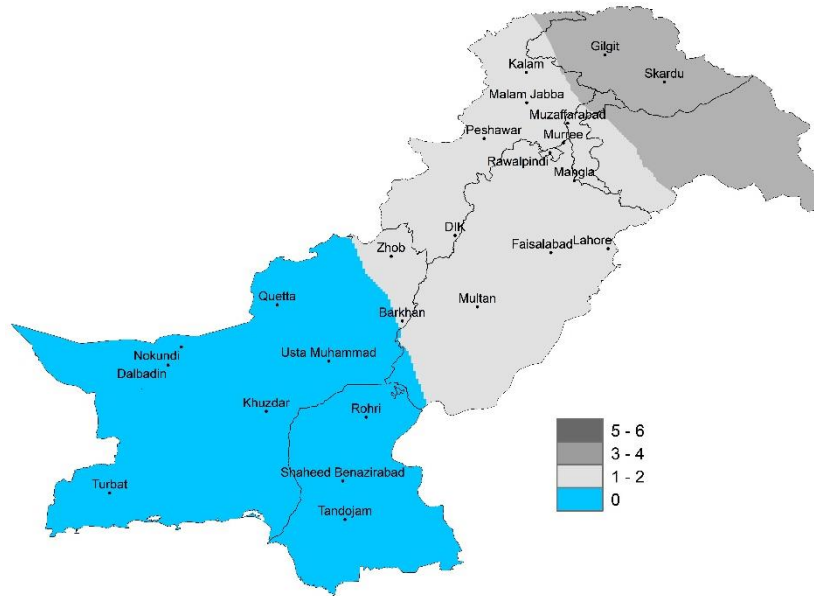
**Mean Relative Humidity (%) during the
Previous week (25th September 2023 – 01st October 2023)**



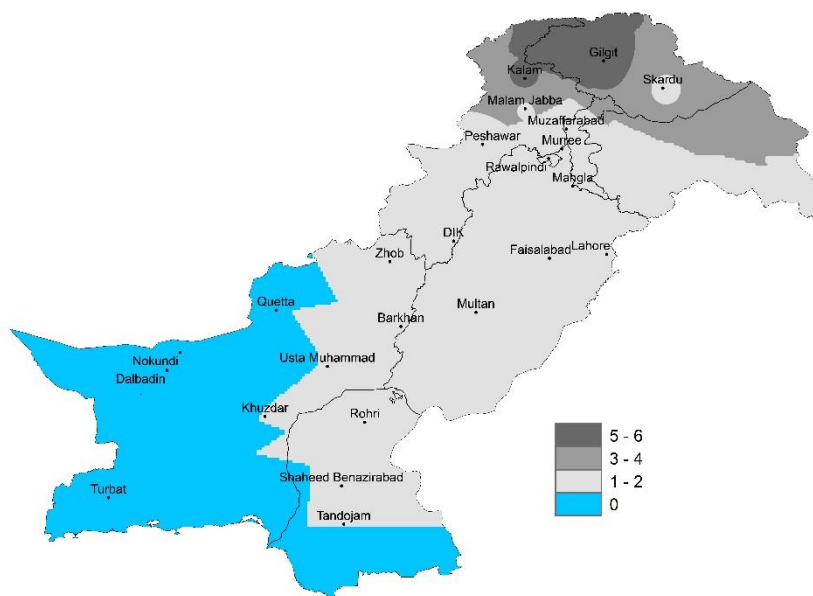
**Total Growing Degree Days accumulated during the
Previous week (25th September 2023 – 01st October 2023)**



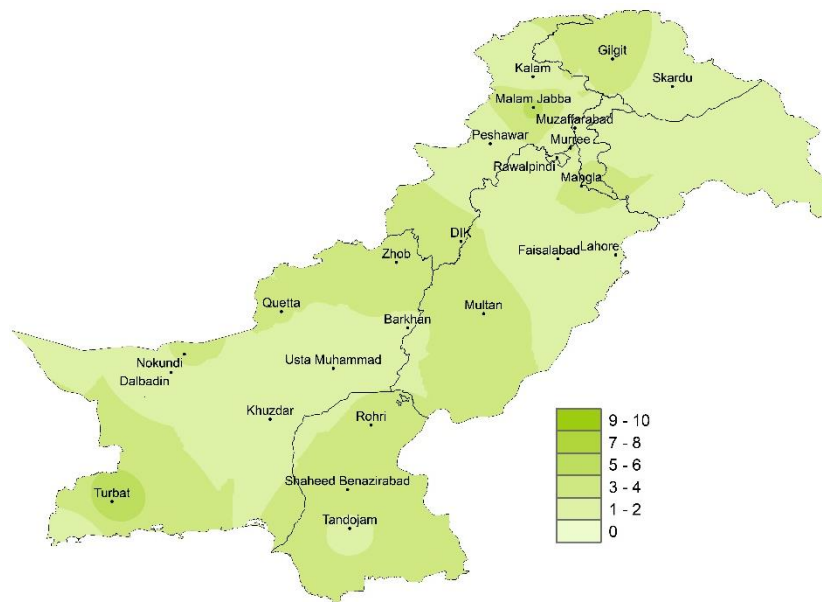
Mean Cloudiness (Octas) at 0800PST during the
Previous week (25th September 2023 – 01st October 2023)



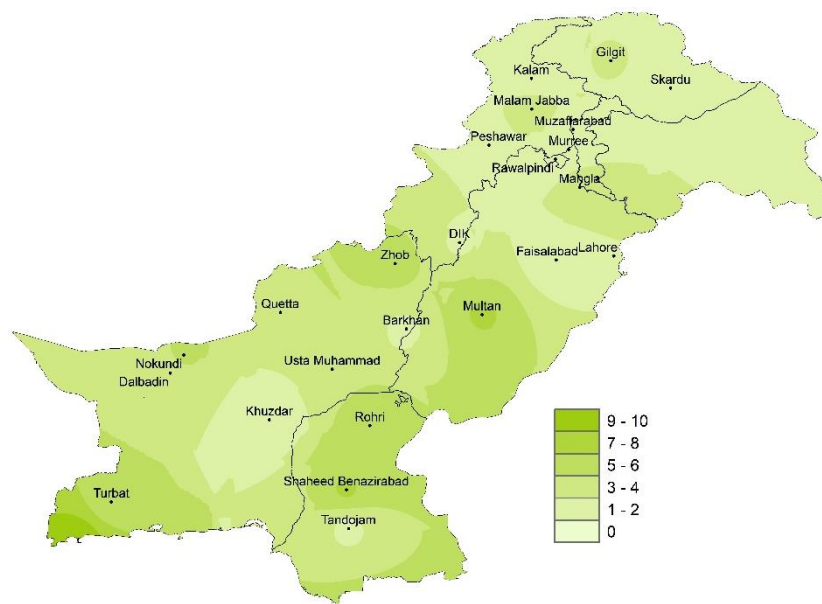
Mean Cloudiness (Octas) at 1700PST during the
Previous week (25th September 2023 – 01st October 2023)



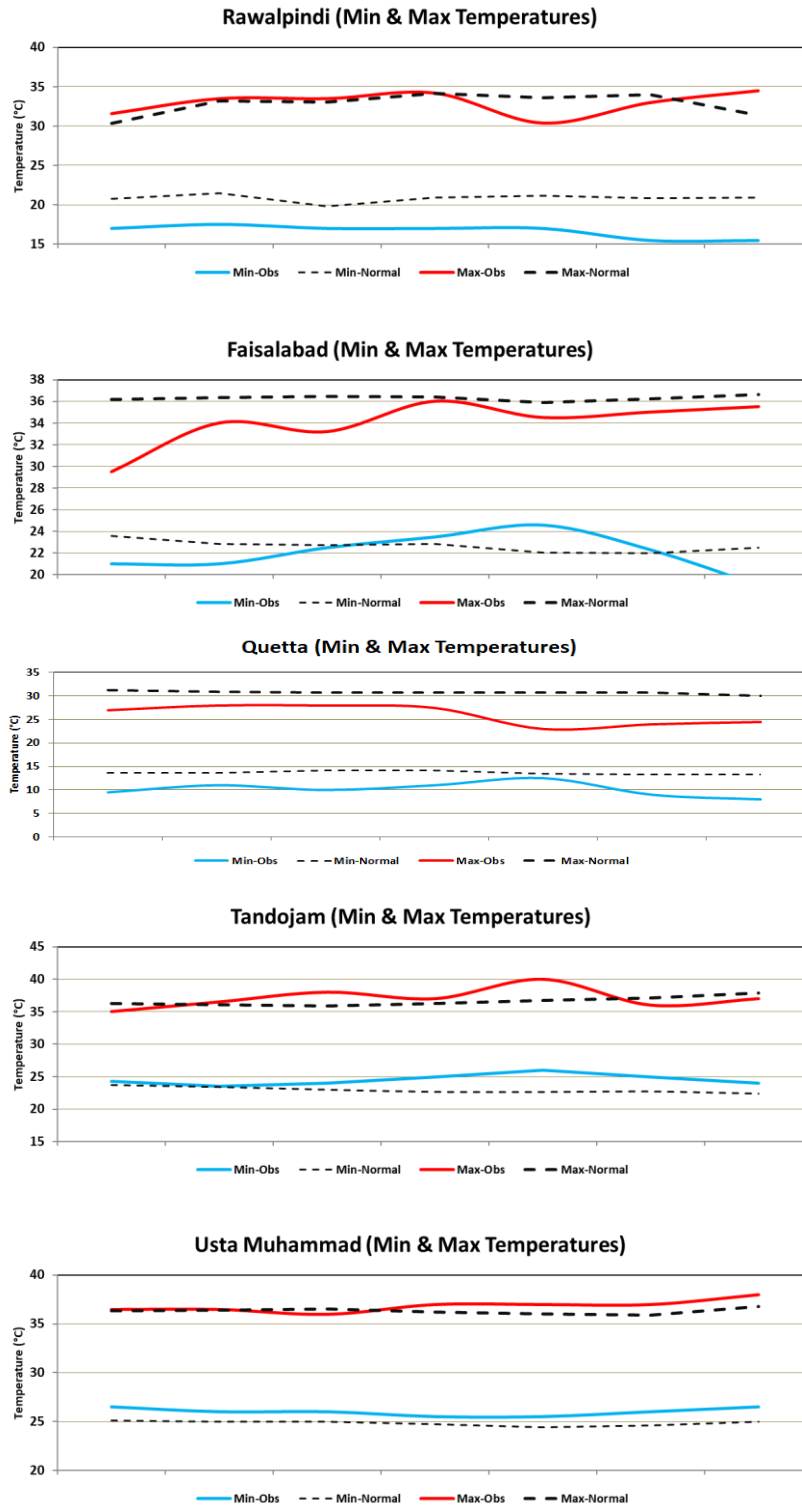
Mean Wind Speed (Knots) at 0800PST during the
Previous week (25th September 2023 – 01st October 2023)



Mean Wind Speed (Knots) at 1700PST during the
Previous week (25th September 2023 – 01st October 2023)



Comparison of temperatures for RAMCs (Minimum & Maximum with normal)
during the previous week (25th September 2023 – 01st October 2023)



Weekly Weather Advisory for Farmers**(2nd October 2023 – 08th October 2023)**

Continental air is prevailing over most parts of the country.

02-10-2023**MONDAY**

Dry weather is likely to prevail over most parts of the country, while hot in southern parts. However, rain-thunderstorm is likely at isolated places in Gilgit Baltistan and adjoining areas.

TUESDAY**03-10-2023**

Dry weather is likely to prevail over most parts of the country, while hot in southern parts. However, rain-thunderstorm is likely at isolated places in Gilgit Baltistan.

WEDNESDAY**04-10-2023**

Mainly dry weather is expected in most parts of the country, while hot and dry in southern parts. However, partly cloudy weather with chances of rain is expected at isolated places in Gilgit-Baltistan.

THURSDAY**05-10-2023**

Mainly dry weather is expected in most parts of the country, while hot and dry in southern parts.

FRIDAY**06-10-2023**

Mainly dry weather is expected in most parts of the country, while hot and dry in southern parts. However, partly cloudy weather with chances of rain is expected at isolated places in Chitral, Dir and Gilgit-Baltistan.

SATURDAY**07-10-2023**

Mainly dry weather is expected in most parts of the country. However, partly cloudy weather with chances of rain is expected at isolated places in Chitral, Dir, Kohistan, Swat and Gilgit-Baltistan.

SUNDAY**08-10-2023**

Mainly dry weather is expected in most parts of the country. However, partly cloudy weather with chances of rain is expected at isolated places in Chitral, Dir, Kohistan, Swat and Gilgit-Baltistan.

ADVISORY FOR FARMERS

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

National Weather Data of Selected Cities from (25th September 2023 – 01st October 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	35.2	37.5	166.5	58.7	0.0	0.9	0.0	1.7	1.7
Faisalabad	34.0	36.0	160.8	69.5	0.0	0.9	0.7	0.6	0.6
Gawadar	37.7	39.0	171.8	59.5	0.0	0.0	0.0	0.0	10.0
Gilgit	26.8	30.0	103.3	48.2	0.0	3.1	5.4	3.0	2.1
Kalam	21.4	24.0	52.2	50.0	16.5	1.1	4.6	0.0	0.9
Khuzdar	32.8	33.5	135.5	24.8	0.0	0.0	0.0	0.0	0.0
Lahore	33.8	35.5	161.8	63.2	0.0	1.1	0.7	0.6	2.0
Malam Jabba	19.6	22.0	64.3	66.5	10.0	1.1	1.9	4.6	2.9
Mangla	33.6	34.5	152.6	62.1	0.0	1.0	0.1	2.3	3.4
Multan (PBO)	35.1	38.0	170.0	56.4	0.0	0.9	0.7	2.3	6.3
Murree	21.4	23.0	83.5	59.8	3.0	1.4	1.4	1.9	0.6
Muzaffarabad	31.1	32.7	130.3	57.6	0.0	1.6	1.1	0.0	1.6
Sh. Ben. Abad	40.3	42.5	195.1	54.6	0.0	0.0	0.0	3.7	6.3
Peshawar	32.8	35.0	145.2	59.3	0.0	1.1	1.3	0.3	1.4
Quetta	26.0	28.0	91.5	18.0	0.0	0.0	0.0	1.7	3.8
Rawalpindi	33.0	34.5	138.6	60.0	1.2	1.0	1.3	0.3	1.1
Rohri	37.3	40.0	186.3	56.7	0.0	0.0	0.5	2.3	5.7
Skardu	21.7	23.6	67.7	50.0	4.6	3.3	1.9	0.0	0.9
Tandojam	37.1	40.0	180.7	61.5	0.0	0.0	0.0	1.1	1.4
Usta.M	36.9	38.0	185.0	65.5	0.0	0.0	0.0	0.5	3.1
Zhob	30.2	31.5	134.3	32.1	0.0	0.0	0.0	3.3	5.0

*** Shows that data was not available.