

Decadal Agromet Bulletin of Pakistan



Highlights...

- ❖ Light to moderate rainfalls reported from Sindh, upper Khyber Pakhtunkhwa and Kashmir. Whereas light rainfall from Punjab and Gilgit Baltistan.
- ❖ Highest amount of rainfall recorded was 41.0 mm at Sakrand during the last decade.
- ❖ Highest Maximum temperature recorded was 40.4 °C at Nokkundi during the last decade.
- ❖ Partly cloudy weather with rain-wind/thundershower is expected in Punjab, Khyber Pakhtunkhwa, Gilgit Baltistan and Kashmir during the decade. Whereas dry weather may prevail in other parts of the country.
- ❖ Farmers are advised to view the weather forecast before any field activity.

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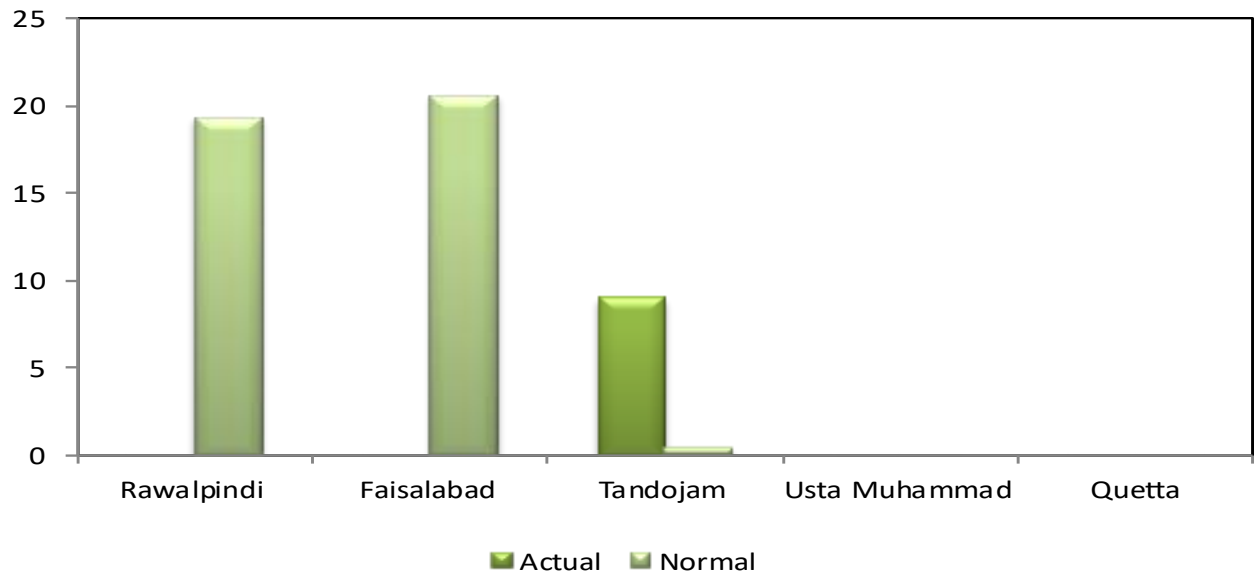
Meteorological Conditions during 3rd Decade of September 2025

Sr. No.	Station	Precipitation (mm)			Air Temperature (°C)			Soil Temperatures (°C)						R.H (%)	Sunshine Duration(hours)	Wind Speed (km/hr)	ETo (mm/day)
		Normal	Actual	Dep	Tmx Dep	Tmin Dep	Mean	5cm	10cm	20cm	30cm	50cm	100cm				
1	Rawalpindi	19.3	0.0	-19.3	3.6	2.1	28.9	30.3	29.9	29.2	29.3	29.4	29.4	59.0	85.8	1.5	3.3
2	Faisalabad	20.5	0.00	-20.5	2.4	2.4	31.2	33.7	33.3	32.5	32.2	***	31.8	57.0	90.3	1.9	3.7
3	Jhelum	9.4	0.0	-9.4	1.2	1.9	30.0	31.2	30.5	30.2	29.9	30.3	***	65.0	91.7	1.2	3.7
4	Lahore	10.8	0.0	-10.8	1.9	0.9	30.9	30.4	30.5	29.9	29.5	***	29.7	55.0	79.6	1.1	3.4
5	Sargodha	8.9	0.00	-8.9	2.2	1.9	31.6	33.4	32.2	31.5	31.5	***	***	57.0	82.0	2.6	3.5
6	Multan	1.3	0.00	-1.3	0.8	0.9	31.2	***	***	***	***	***	***	63.0	89.3	5.8	3.8
7	Khanpur	0.0	0.0	0.0	1.4	1.8	31.5	***	34.2	35.0	34.9	34.9	34.2	60.0	94.1	2.0	4.0
8	Tandojam	0.4	9.0	8.6	-0.5	0.9	30.1	***	33.0	***	***	***	31.8	72.0	87.8	1.0	4.1
9	Sakrand	0.1	41.0	40.9	-0.6	2.6	30.7	40.8	37.9	35.2	35.4	35.6	***	63.0	89.3	4.8	4.0
11	Rohri	0.0	0.0	0.0	-0.4	0.7	31.9	***	***	***	***	***	***	56.1	98.1	4.2	4.1
12	D.I Khan	6.7	0.00	-6.7	2.1	3.7	32.0	32.1	31.7	31.4	***	20.1	***	60.0	81.6	2.4	3.2
13	Peshawar	11.2	0.01	-11.2	2.3	1.6	29.5	31.7	31.4	30.4	30.2	30.2	31.9	64.0	31.0	3.6	2.3
14	Usta M.	0.0	0.0	0.0	-2.5	0.4	31.4	37.6	36.0	34.6	***	***	36.7	66.0	***	2.6	3.4
15	Quetta	0.0	0.0	0.0	1.8	5.5	23.1	30.3	29.1	25.9	25.7	26.3	26.2	25.5	100.4	4.8	2.9
16	Skardu	1.4	0.0	-1.4	4.8	0.7	18.6	***	***	***	***	***	***	40.0	56.9	0.0	2.2
17	Gilgit	2.0	0.0	-2.0	4.1	3.9	23.1	***	***	***	***	***	***	41.7	83.2	2.0	2.6

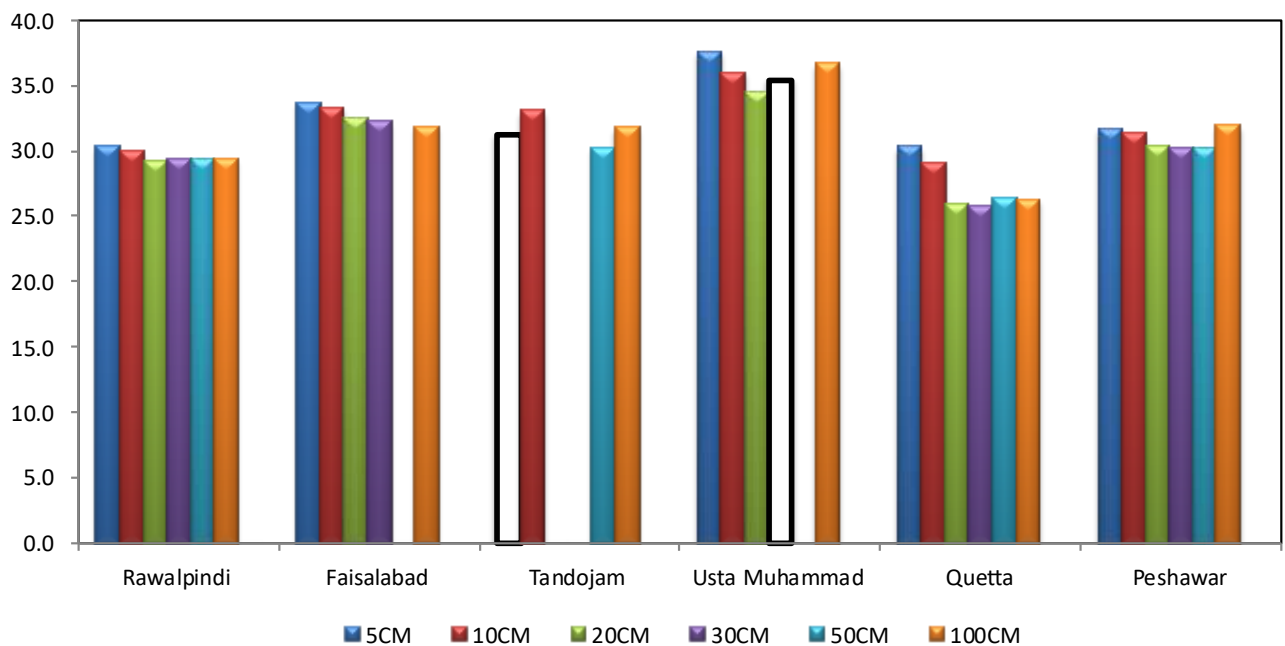
Table-1: Meteorological parameters for selected station of Pakistan. “Dep” in the table stands for difference from climatic normal, i.e. actual value minus normal. The climatic normally used in the Bulletin is extracted from the 2007 - 2016 observed data. ‘ETO’ stands for reference crop Evapotranspiration*** stands for data non-availability.

Graph at RAMCs during September 2025

Precipitation(mm) during 3rd Decade



Soil Temperature(°C)



* Faisalabad 50 cm and Tandojam 5cm Usta Muhammad 30 cm , 50 cm soil temperature data is is not available.

Past Weather (21st to 30th September 2025)

Light to moderate rainfalls reported from Sindh, upper Khyber Pakhtunkhwa and Kashmir. Whereas light rainfall from Punjab and Gilgit Baltistan.

1.1 Punjab

Light rainfall received from the province. The decadal maximum and minimum temperatures were observed above normal by 1.9°C and 1.7°C in the province. Whereas values of relative humidity, sunshine hours, wind speed & ETo were recorded 59%, 87.5hrs, 2.3km/hr and 3.6 mm/day respectively.

1.2 Sindh

Light to moderate rainfall received from the province. The decadal maximum temperatures were observed below normal by -0.5°C and minimum temperature was observed above 1.4°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 64%, 91.7 hours, 3.3km/hr, and 4.1 mm/day respectively.

1.3 Khyber Pakhtunkhwa

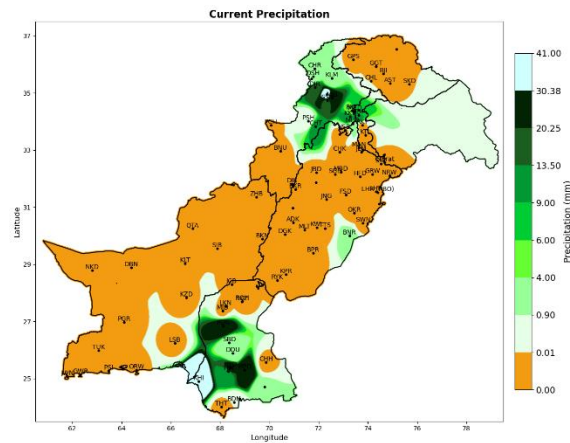
Light to moderate rainfall received from upper parts of the province. The decadal maximum and minimum temperatures were observed above normal by 2.2°C and 2.6°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 62%, 56.3hrs, 3.0km/hr and 2.8 mm/day respectively.

1.4 Baluchistan

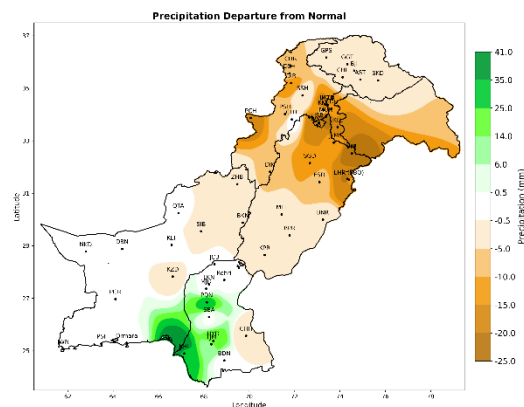
Mainly hot and dry weather prevailed in the province. The decadal maximum temperatures were observed below normal by -0.3°C and minimum temperature was observed above 2.9°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 46%, 100.4 hrs, 3.7 km/hr and 3.2 mm/day respectively.

1.5 Gilgit-Baltistan and Azad Jammu & Kashmir.

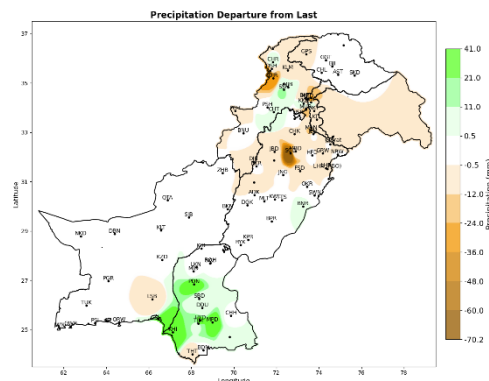
Light to moderate rainfall received from Kashmir and light rainfall from Kashmir. The decadal maximum and minimum temperatures were observed above normal by 4.4°C and minimum above 2.3°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 41%, 70.1hrs, 1.0km/hr and 3.6 mm/day respectively.



I. Actual rainfall



II. Departure of rainfall from Normal



III. Departure of rainfall from Previous Decade

Figure.1: Rainfall distribution during previous decade (mm)

(a) **Past Weather for Major Agricultural Plains**
(21st to 30th September 2025)

2.1 RAMC, Rawalpindi (Potohar region)

Dry weather was observed during the decade; however, weather remained partially cloudy for 0.4 days during the decade. Average relative humidity recorded as 52%. Mean day temperature was 36.5°C while night temperature recorded as 21.3°C with 85.8 hours bright sunshine duration. Wind speed recorded as 1.5km/hr with mean wind direction *South Easterly*.

No crop reported from the station.

2.2 RAMC, Faisalabad (Central Punjab)

Dry weather was observed during the decade; however, weather remained partially cloudy for 04 days during the decade. Average relative humidity recorded as 49%. Mean day temperature was 37.8°C while night temperature recorded as 24.5°C with 90.3 hours bright sunshine duration. Wind speed recorded as 1.9km/hr with mean wind direction *Southerly*.

Cotton: *Very good, Maturity.*

2.3 RAMC, Tandojam (Lower Sindh)

Rain was reported 9.0 mm during the decade; however, weather remained partially cloudy for 07 days. Average relative humidity recorded as 72%. Mean day temperature was 35.9°C while night temperature recorded as 24.2°C with 87.8 hours bright sunshine duration. Mean wind direction *South Westerly*.

Cotton (CRIS-682): *Not Good, Third picking.*

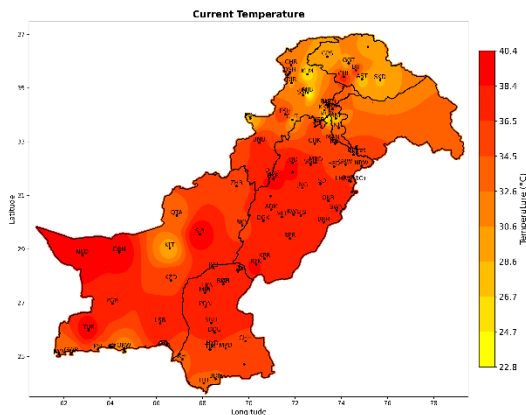
2.4 RAMC, Usta Muhammad (Eastern Baluchistan)

Dry weather was observed during the decade; however, weather remained partially cloudy for 02 days. Average relative humidity recorded as 66%. Mean day temperature was 36.9°C while night temperature was recorded as 25.9°C. Wind speed was recorded as 2.6 km/hr with mean wind direction *South Easterly*.

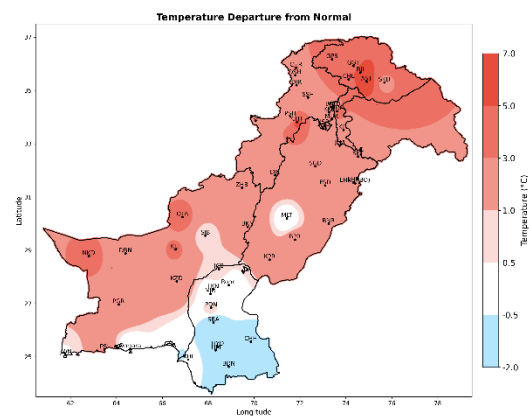
Rice: *Good, Shooting.*

2.5 RAMC, Quetta (Northern Baluchistan)

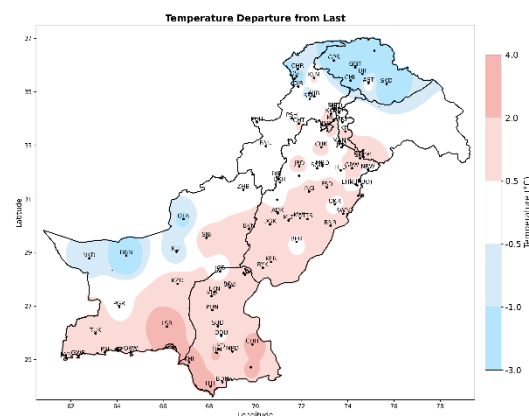
Dry weather was observed during the decade; however, weather remained partially cloudy 02 during the decade. Average relative humidity recorded as 26%. Mean day temperature was 31.4°C while night temperature recorded as 14.8°C with 100.4 hours bright sunshine duration. Wind speed recorded as 4.8 km/hr with mean wind direction *North Westerly*.



IV. Actual max-temperature



V. Departure of max-temperature from Normal



VI. Departure of max-temperature from Previous Decade

Figure.2: Maximum Temperature distribution during previous decade (°C)

2(b) Past Weather or Sub-Regional Agricultural Plains (21st to 30th September 2025)

2.6 Jhelum

Dry weather was observed during the decade; however, weather remained partially cloudy for 02 days during the decade. Average relative humidity recorded as 65%. Mean day temperature was 35.8°C while night temperature was recorded as 24.2°C with 91.7 hours bright sunshine duration. Wind speed recorded as 1.2 km/hr with mean wind direction *South Westerly*.

2.7 Lahore

Dry weather was observed during the decade; however, weather remained partially cloudy for 03 days during the decade. Average relative humidity recorded as 55%. Mean day temperature was 36.3°C while night temperature recorded as 25.5°C with 79.6 hours bright sunshine duration. Wind speed recorded as 1.1 km/hr with mean wind direction *Variable*.

2.8 Sargodha

Dry weather was observed during the decade; however, weather remained partially cloudy for 01 days during the decade. Average relative humidity recorded as 57%. Mean day temperature was 37.7°C while night temperature recorded as 25.5°C with 82 hours bright sunshine duration. Wind speed recorded as 2.6 km/hr with mean wind direction *Variable*.

Cotton: Normal, 1st picking done.

2.9 Multan

Dry weather was observed during the decade; however, weather remained partially cloudy for 04 days during the decade. Average relative humidity recorded as 52%. Mean day temperature was 37.3°C while night temperature recorded as 27.2°C with 81.6 hours bright sunshine duration. Wind speed recorded as 5.8 m/hr with mean wind direction *South Westerly*.

2.10 Khanpur

Dry weather was observed during the decade; however, weather remained partially cloudy for 01 days. Average relative humidity recorded as 60%. Mean day temperature was 38°C while night temperature recorded as 25°C with 94.1 hours bright sunshine duration. Wind direction is *South Westerly*.

2.11 Sakrand

Rain was reported 41.0 mm during the decade; however, weather remained partially cloudy for 02 days. Average relative humidity recorded as 63%. Mean day temperature was 36.3°C while night temperature recorded as 25.1°C with 89.3 hours bright sunshine duration. Wind speed recorded as 4.8 km/hr with mean direction *Southerly*.

Cotton (CRIS-682): Good, Boll development.

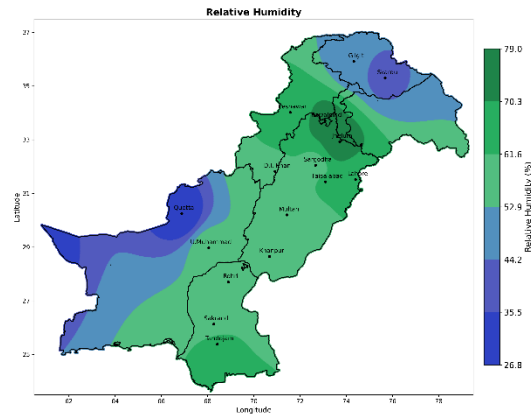


Figure.3: Relative Humidity in Percentage (%)

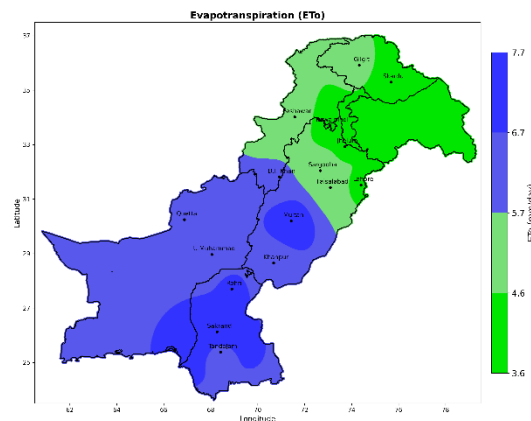


Figure.4: Reference Crop Evapotranspiration ET0 (mm/day)

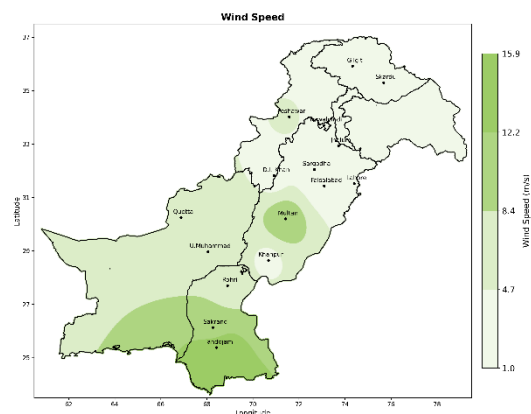


Figure 5: Wind Speed in kilometer per hour (km/h)

2.12 Rohri

Dry weather was observed during the decade; however, weather remained partially cloudy for 01 days. Average relative humidity recorded as 56%. Mean day temperature was 37.5°C while night temperature recorded as 26.2°C with 98.1 hours bright sunshine duration. Wind speed recorded as 4.2 km/hr with mean wind direction as *North Easterly*.

Cotton: *Not Good, 2nd Picking.*

2.13 D.I. Khan

Dry weather was observed during the decade; however, weather remained partially cloudy for 0 days. Average relative humidity recorded as 60%. Mean day temperature was 38°C while night temperature recorded as 25.9°C with 81.6 hours bright sunshine duration. Wind speed recorded as 2.4 km/hr with mean wind direction as *South Easterly*.

2.14 Peshawar

Rain was reported 0.01(Trace) mm during the decade; however, weather remained cloudy for 03 days during the decade. Average relative humidity recorded as 64%. Mean day temperature was 36.0°C while night temperature recorded as 22.9°C with 31.0 hours bright sunshine duration. Wind speed recorded as 3.6 km/hr with mean wind direction as *North-north Easterly*.

2.15 Skardu

Rain was reported 0.01(Trace) mm during the decade; however, weather remained partially cloudy for 00 days. Average relative humidity recorded as 40%. Mean day temperature was 28.5°C while night temperature recorded as 8.7 °C with 56.9 hours bright sunshine duration. Mean wind direction as *North-north Easterly*.

2.16 Gilgit

Dry weather was observed during the decade; however, weather remained cloudy for 09 days during the decade. Average relative humidity recorded as 42%. Mean day temperature was 33.6°C while night temperature recorded as 12.6°C with 83.2 hours bright sunshine duration. Wind speed recorded as 2.0 km/hr with mean wind direction as *South Easterly*.

Ten Days Weather Advisory for Farmers **(01st to 10th October 2025)**

3.1 Temperature Forecast

Normal mean temperature is likely over most parts of the county.

3.2 Wind Forecast

Generally, normal wind patterns may prevail in most of the agricultural plains of the country.

3.3 Rain Forecast❖ **Punjab:**

Partly cloudy weather with rain-wind/thunderstorm is expected from 1st to 7th October in the province during the decade.

❖ **Khyber Pakhtunkhwa:**

Partly cloudy weather with rain-wind/thunderstorm is expected from 1st to 8th October in the province during the decade.

❖ **Sindh:**

Rain-wind/thunderstorm is expected in central/lower parts from 1st to 3rd October. While hot and dry weather may prevail in the province during the decade.

❖ **Baluchistan:**

Mainly dry weather is expected. However, rain-wind/thunderstorm is expected from 4th to 6th October in upper parts of the province the during the decade.

❖ **Gilgit-Baltistan:**

Partly cloudy weather with rain-wind/thunderstorm is expected from 1st to 8th October in Gilgit Baltistan during the decade.

❖ **Kashmir:**

Partly cloudy weather with rain-wind/thunderstorm is expected from 1st to 7th October in Kashmir during the decade.

3.4 Advisory for Farmers

Farmers are advised to follow the weather forecast to proceed for any field activity.