

# Decadal Agromet Bulletin of Pakistan



## Highlights...

- ❖ Mainly hot & dry weather prevailed in most parts, whereas very hot in southern parts of the country. Light to moderate rainfall (isolated heavy falls) reported from upper Khyber Pakhtunkhwa, Gilgit Baltistan, Azad Jammu & Kashmir, upper Punjab, while light rain from lower Khyber Pakhtunkhwa and South Punjab except Sindh and Balochistan.
- ❖ Highest amount of rainfall recorded was 91 mm at Dir during the last decade.
- ❖ Highest maximum temperature recorded was 44.9°C at Sh. Benazir Abad during the last decade.
- ❖ Mainly hot and dry weather is expected in most parts of the country. However, rain wind-thunderstorm is likely in Gilgit-Baltistan, Azad Jammu & Kashmir, Khyber Pakhtunkhwa, South Punjab, upper Sindh and Balochistan during first half of and last two days of decade.
- ❖ Farmers are advised to view the weather forecast before any field activity.

**NATIONAL AGROMET CENTRE (NAMC)  
PAKISTAN METEOROLOGICAL DEPARTMENT  
SECTOR H-8/2, ISLAMABAD**

Patron-in-Chief: *Mr. Sahibzad Khan, Director General*

Editor-in-Chief: *Ms. Asma Jawad Hashmi, Director*

Editor: *Mr. Irshad Ali, Assistant Meteorologist*

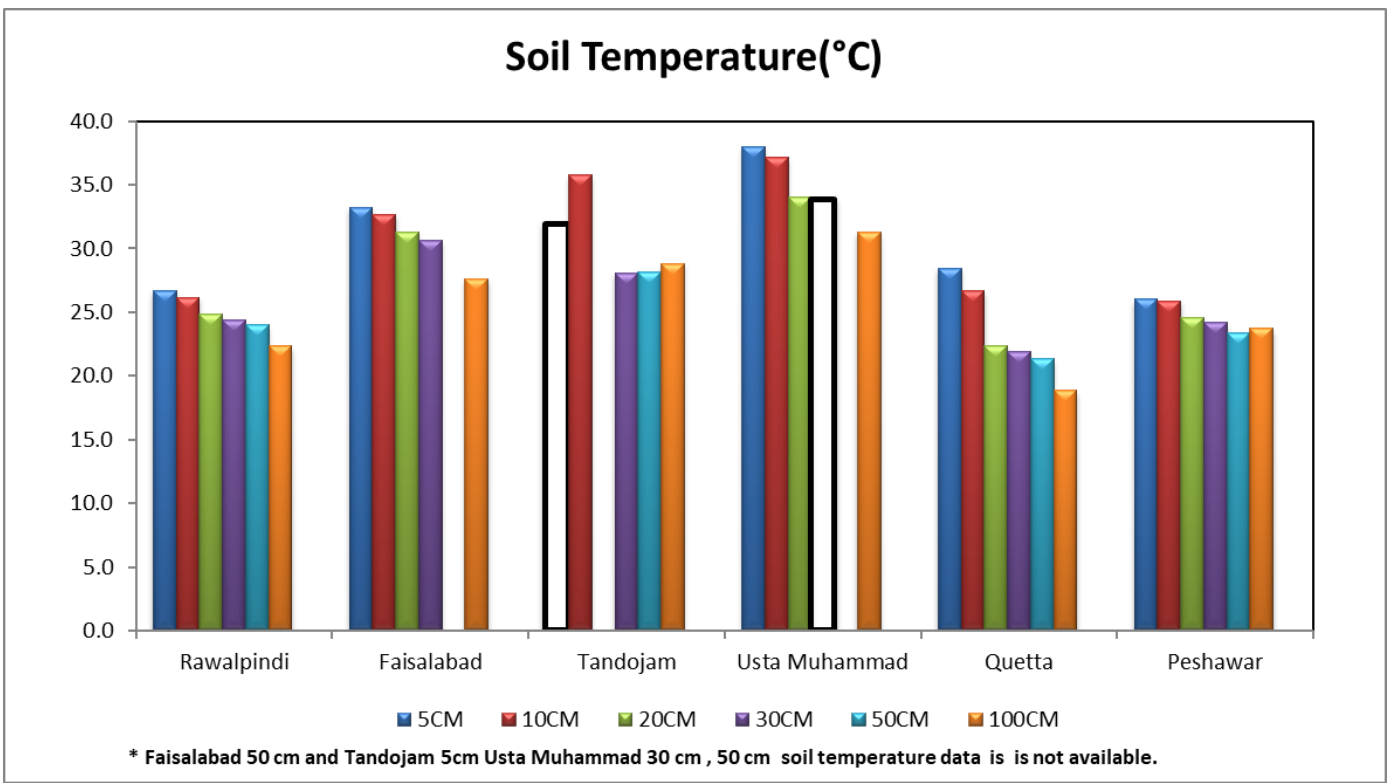
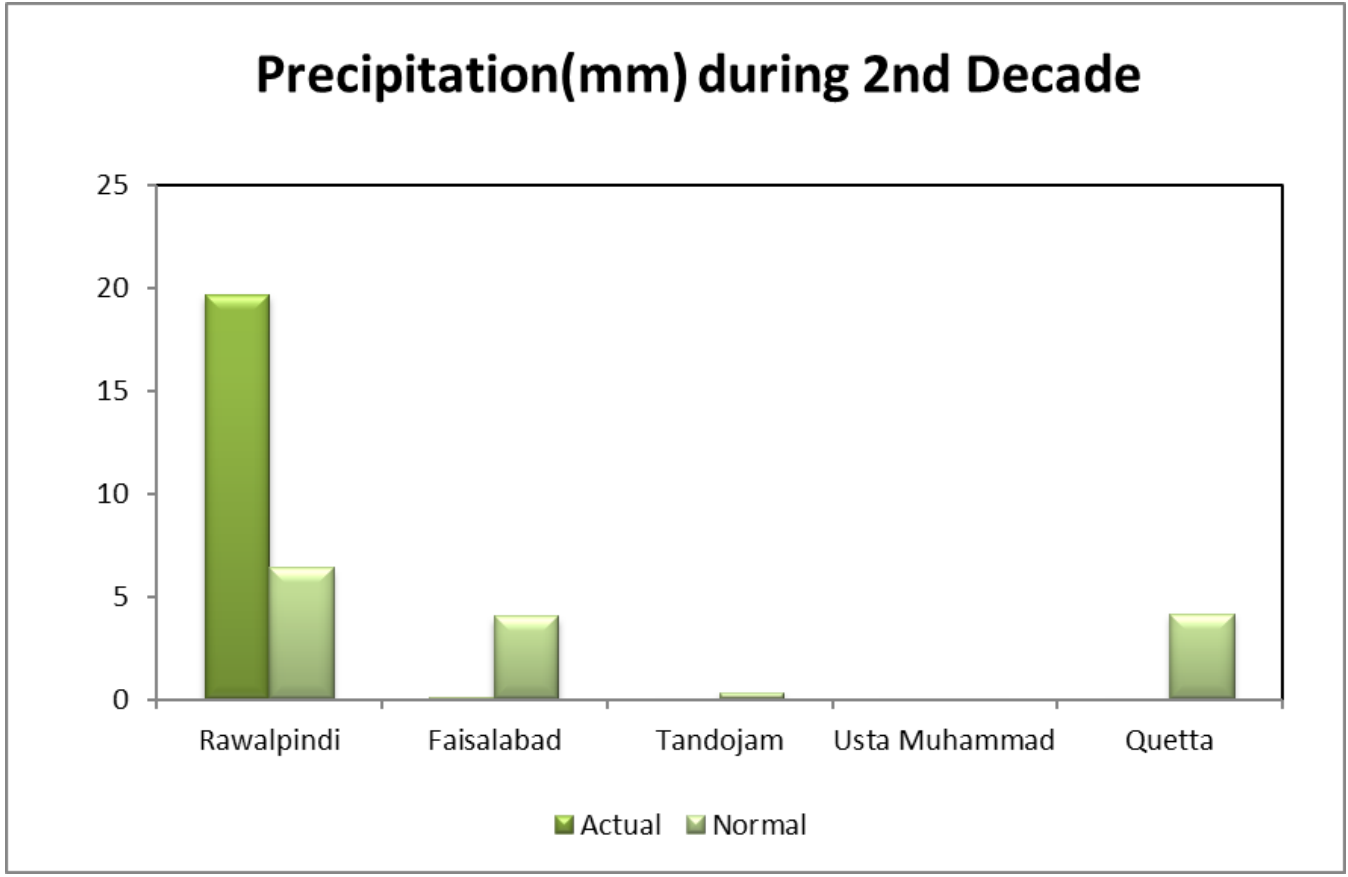
Phone: [+92-51-9250592](tel:+92-51-9250592) Email: [dirnamc@yahoo.com](mailto:dirnamc@yahoo.com)

**Meteorological Conditions during 2nd Decade of April 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	6.4	19.7	13.3	2.9	2.2	26.6	26.7	26.2	24.8	24.4	24.0	22.3	49.9	79.8	1.9	4.2
2	Faisalabad	4.0	0.01	-4.0	1.8	4.7	31.1	33.2	32.7	31.3	30.7	***	27.6	49.0	99.4	2.6	5.3
3	Jhelum	8.4	6.8	-1.6	1.4	2.1	28.8	31.9	30.5	29.5	29.5	28.2	***	44.0	72.0	5.7	5.5
4	Lahore	1.7	9.4	7.7	2.2	0.9	30.2	28.5	28.2	27.1	26.5	***	24.7	36.0	71.4	1.9	4.3
5	Sargodha	5.3	0.01	-5.3	2.0	2.5	30.5	34.0	32.4	30.6	30.0	***	***	37.0	84.6	3.0	5.0
6	Multan	6.0	0.01	-6.0	2.3	2.8	31.7	***	***	***	***	***	***	35.0	103.3	6.3	6.9
7	Khanpur	0.0	0.0	0.0	2.9	2.2	33.0	***	32.7	32.4	32.1	31.4	29.0	36.0	92.9	***	7.5
8	Tandojam	0.3	0.0	-0.3	0.5	2.9	33.5	***	35.8	***	28.1	***	28.8	42.0	95.4	9.9	8.5
9	Sakrand	0.0	0.0	0.0	2.9	3.1	33.3	44.8	37.4	34.4	33.9	32.9	***	35.0	103.3	4.6	6.7
11	Rohri	0.0	0.0	0.0	3.0	2.8	34.9	***	***	***	***	***	***	26.0	100.7	4.8	6.7
12	D.I Khan	8.3	0.01	-8.3	4.1	3.8	31.1	30.8	29.4	28.7	***	16.5	***	40.0	82.1	4.9	5.9
13	Peshawar	26.1	4.00	-22.1	4.0	0.9	27.3	26.0	25.9	24.6	24.2	23.3	23.7	46.0	82.0	5.3	5.4
14	Usta M.	0.0	0.0	0.0	-0.9	2.9	33.7	38.0	37.1	34.0	***	***	31.3	42.0	0.0	3.9	6.7
15	Quetta	4.2	0.0	-4.2	4.0	3.9	22.2	28.5	26.7	22.3	21.9	21.3	18.8	23.6	103.4	6.0	5.8
16	Skardu	8.2	85.1	76.9	0.5	1.1	13.9	***	***	***	***	***	***	44.0	53.0	0.7	2.7
17	Gilgit	5.8	24.3	18.5	1.7	1.7	19.0	***	***	***	***	***	***	43.0	56.8	3.1	3.6

**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 April 2025



**Past Weather (11<sup>th</sup> to 20<sup>th</sup> April 2025)**

Mainly hot & dry weather prevailed in most parts, whereas very hot in southern parts of the country. Light to moderate rainfall (isolated heavy falls) reported from upper Khyber Pakhtunkhwa, Gilgit Baltistan, Azad Jammu & Kashmir, upper Punjab, while light rain from lower Khyber Pakhtunkhwa and South Punjab except Sindh and Balochistan.

**Punjab**

Mainly hot & dry weather prevailed over most areas, however, light to moderate rain was reported from the province. The decadal maximum temperature was observed above normal by 2.2 and minimum temperature was observed above normal by 2.5°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded 41%, 86.2hrs, 3.6km/hr and 5.5mm/day respectively.

**1.1 Sindh**

Hot & dry weather prevailed in the Province. The decadal maximum temperature was observed above normal by 2.1 and minimum temperature was observed above normal by 2.5°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 34.3%, 99.8hrs, 6.4km/hr and 7.3mm/day respectively.

**1.2 Khyber Pakhtunkhwa**

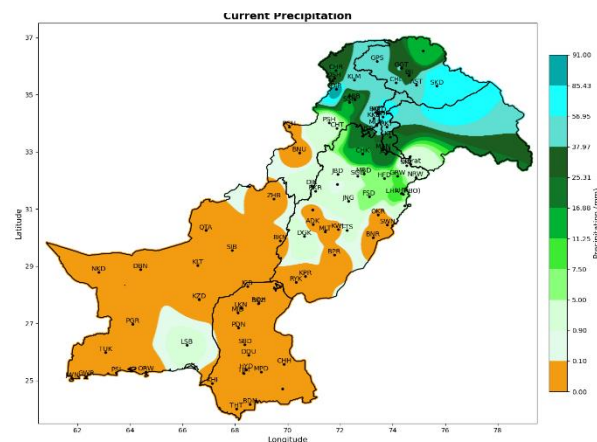
Light to moderate rainfall (isolated heavy falls) was reported from the province. The decadal maximum temperature was observed above normal by 4.0 and minimum temperature was observed above normal by 2.4°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 43%, 82.1hrs, 5.1km/hr and 5.7mm/day respectively.

**1.3 Balochistan**

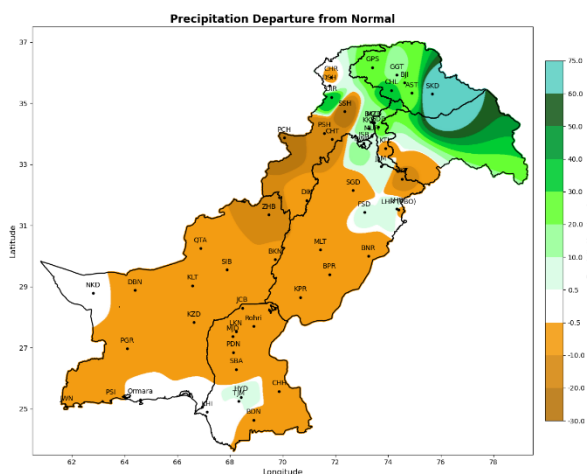
Hot & dry weather prevailed in the province. The decadal maximum was observed above normal by 1.5°C and minimum temperature was above normal by 3.4°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 33%, 51.7hrs, 5.0km/hr and 6.3mm/day respectively.

**1.4 Gilgit-Baltistan and Azad Jammu & Kashmir.**

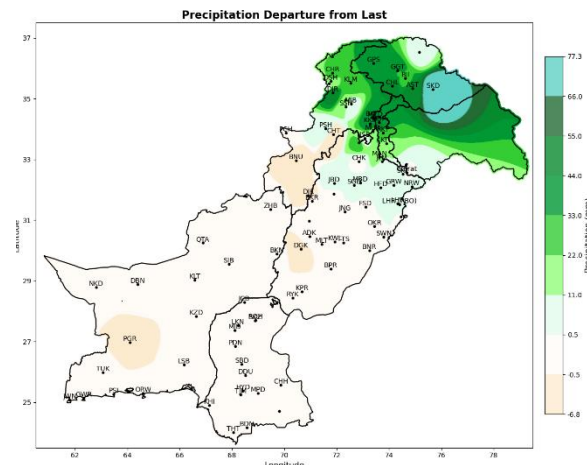
Light to moderate rainfall (isolated heavy falls) was reported from Gilgit Baltistan and Azad Jammu & Kashmir. The decadal maximum was observed above normal by 1.1°C and minimum temperature was above normal by 1.4°C in the province. Whereas values of relative humidity, sunshine hour, wind speed & ETo were recorded as 44%, 54.9hrs, 1.9km/hr and 3.2mm/day respectively.



**Actual rainfall**



**Departure of rainfall from Normal**



**Departure of rainfall from Previous Decade**

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

**Past Weather for Major Agricultural Plains**

**(11<sup>th</sup> to 20<sup>th</sup> April 2025)**

**2.1 RAMC, Rawalpindi (Potohar region)**

Rain was reported 19.7mm during the decade; However, weather remained partially cloudy for 08 days. Average relative humidity recorded as 50%. Mean day temperature was 34.8°C while night temperature recorded as 18.4°C with 79.8 hours bright sunshine duration. Wind speed recorded as 1.9km/hr with mean wind direction *south easterly*.

**2.2 RAMC, Faisalabad (Central Punjab)**

Rain was reported 0.01 mm during the decade; However, weather remained partially cloudy for 04 days during the decade. Average relative humidity recorded as 49%. Mean day temperature was 37.9°C while night temperature recorded as 24.2°C with 99.4 hours bright sunshine duration. Wind speed recorded as 2.6km/hr with mean wind direction *south westerly*.

**Wheat:** *Very good, maturity completed.*

**2.3 RAMC, Tandojam (Lower Sindh)**

Dry weather was observed during the decade. Average relative humidity recorded as 42%. Mean day temperature was 43°C while night temperature recorded as 23.9°C with 95.4hours bright sunshine duration. Wind speed recorded as 9.9km/hr with mean wind direction *south westerly*.

**2.4 RAMC, Usta Muhammad (Eastern Baluchistan)**

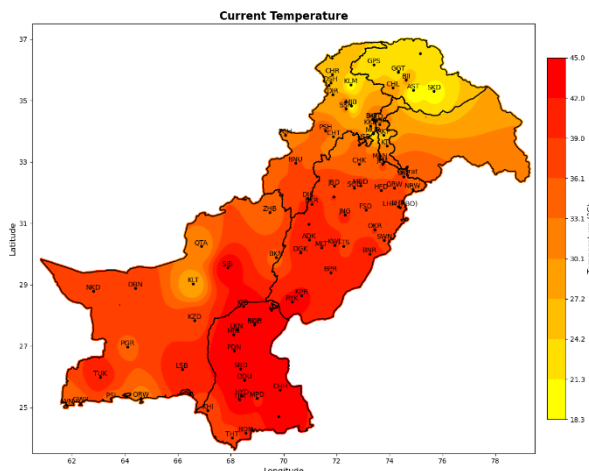
Dry weather was observed during the decade. Average relative humidity recorded as 42%. Mean day temperature was 43.6°C while night temperature recorded as 23.8°C. Wind speed recorded as 3.9km/hr with mean wind direction *south easterly*.

**Wheat:** *Good, wax maturity.*

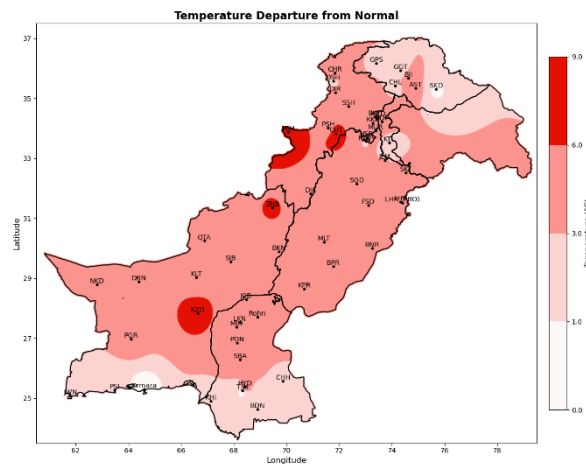
**2.5 RAMC, Quetta (Northern Baluchistan)**

Dry weather was observed during the decade; However, weather remained partially cloudy for 03 days during the decade. Average relative humidity recorded as 24%. Mean day temperature was 30.0°C while night temperature recorded as 14.4°C with 103.4 hours bright sunshine duration. Wind speed recorded as 6.0 km/hr with mean wind direction *north westerly*.

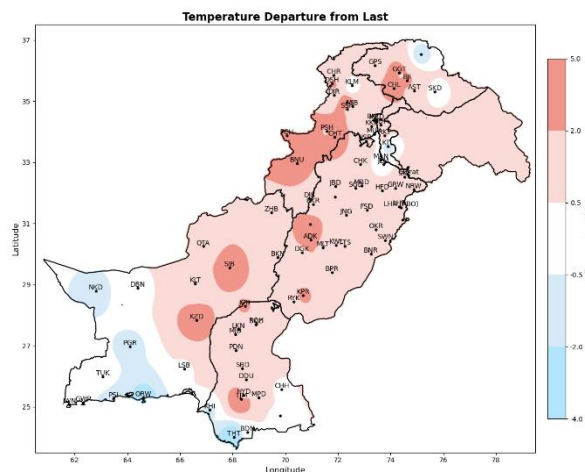
**Wheat:** *Good, flowering.*



Actual max-temperature



Departure of max-temperature from Normal



I. Departure of max-temperature from Previous Decade  
Figure.2: Maximum Temperature distribution during previous decade

**2(b) Past Weather or Sub-Regional Agricultural Plains (11<sup>th</sup> to 20<sup>th</sup> April 2025)**

**2.6 Jhelum**

Rain was reported 6.8 mm during the decade; weather remained partially cloudy for 06 days. Average relative humidity recorded as 44%. Mean day temperature was 36.3°C while night temperature recorded as 21.2°C with 72 hours bright sunshine duration. Wind speed recorded as 5.7km/hr with mean wind direction *south easterly*.

**2.7 Lahore**

Rain was reported 9.4 mm during the decade; However, weather remained partially cloudy for 07 days. Average relative humidity recorded as 36%. Mean day temperature was 37.4°C while night temperature recorded as 23.0°C with 71.4 hours bright sunshine duration. Wind speed recorded as 1.9 km/hr with mean wind direction *variable*.

**2.8 Sargodha**

Rain was reported 0.01 mm during the decade; However, weather remained partially cloudy for 05 days. Average relative humidity recorded as 37%. Mean day temperature was 38.0°C while night temperature recorded as 23.0°C with 84.6 hours bright sunshine duration. Wind speed recorded as 3.0km/hr with mean wind direction *variable*.

**2.9 Multan**

Rain was reported 0.01 mm during the decade; However, weather remained partially cloudy for 04 days. Average relative humidity recorded as 29%. Mean day temperature was 39.7°C while night temperature recorded as 25.7°C with 85.7 hours bright sunshine duration. Wind speed recorded as 6.3 km/hr with mean wind direction *south westerly*.

**2.10 Khanpur**

Dry weather was observed during the decade. Average relative humidity recorded as 36%. Mean day temperature was 42.2°C while night temperature recorded as 23.7°C with 92.9 hours bright sunshine duration. Mean prevailing wind direction was *variable*.

**2.11 Sakrand**

Dry weather was observed during the decade; Average relative humidity recorded as 35%. Mean day temperature was 42.9°C while night temperature recorded as 23.7°C with 103.3 hours bright sunshine duration. Wind speed recorded as 4.6 km/hr with mean direction *northerly*.

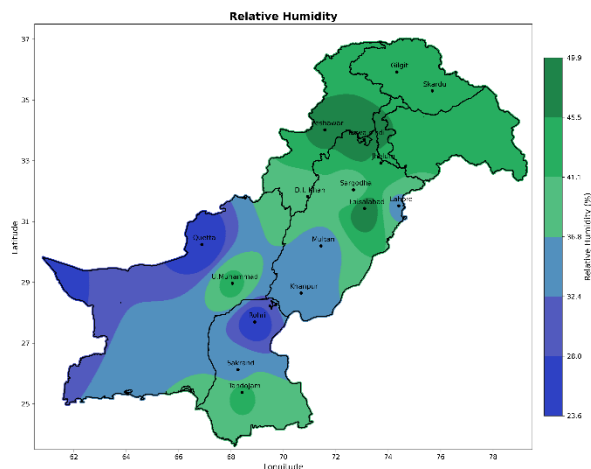


Figure.3: Relative Humidity in Percentage (%)

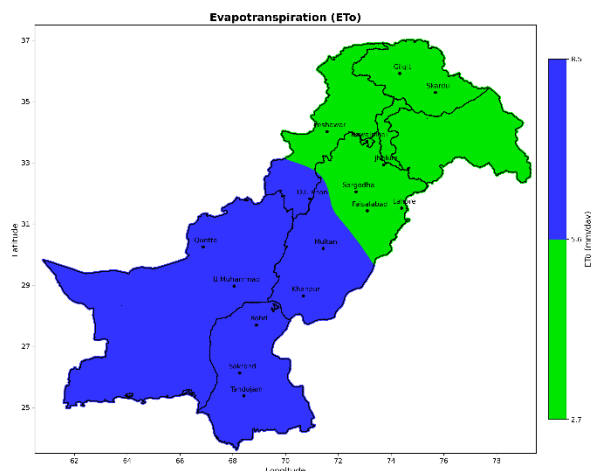


Figure.4: Reference Crop Evapotranspiration ET0 (mm/day)

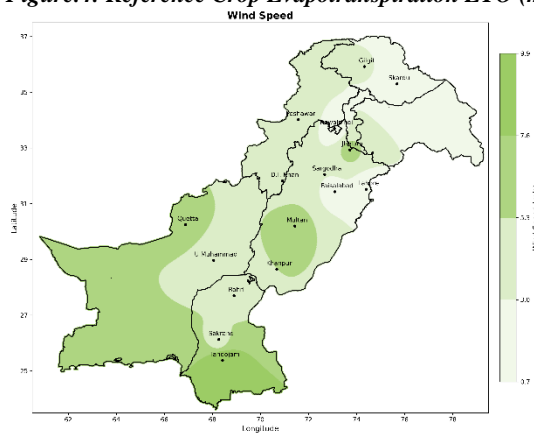


Figure 5: Wind Speed in kilometer per hour (km/h)

**2.12 Rohri**

Dry weather was observed during the decade; Average relative humidity recorded as 26%. Mean day temperature was 43.0°C while night temperature recorded as 26.8°C with 100.7 hours bright sunshine duration. Wind speed recorded as 4.8km/hr with mean wind direction *variable*.

**Wheat:** *Good, Harvesting.*

**2.13 D.I. Khan**

Rain was reported 0.01 mm during the decade; However, weather remained partially cloudy for 03 days. Average relative humidity recorded as 40%. Mean day temperature was 39.0°C while night temperature recorded as 23.1°C with 82.1 hours bright sunshine duration. Wind speed recorded as 4.9km/hr with mean wind direction *south easterly*.

**2.14 Peshawar**

Rain was reported 4.0 mm during the decade; However, weather remained partially cloudy for 05 days. Average relative humidity recorded as 46%. Mean day temperature was 33.5°C while night temperature recorded as 19.0°C with 82.0 hours bright sunshine duration. Wind speed recorded as 5.3km/hr with mean wind direction as *north-north westerly*.

**2.15 Skardu**

Rain was reported 85.1 mm during the decade; However, weather remained partially cloudy for 04 days. Average relative humidity recorded as 44%. Mean day temperature was 20.3°C while night temperature recorded as 7.5°C with 53.0 hours bright sunshine duration. Wind speed recorded as 0.7km/hr with mean wind direction as *easterly*.

**2.16 Gilgit**

Rain was reported 24.3mm was observed during the decade; However, weather remained partially cloudy for 06 days. Average relative humidity recorded as 43%. Mean day temperature was 26.6°C while night temperature recorded as 11.3°C with 56.8 hours bright sunshine duration. Wind speed recorded as 3.1km/hr with mean wind direction as *variable*.

**Ten Days Weather Advisory for Farmers  
(21<sup>st</sup> to 30<sup>th</sup> April 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:**

Mainly hot and dry weather is expected in most parts; however, rain/wind-thunderstorm is likely in southern parts of the province on 29<sup>th</sup> and 30<sup>th</sup> April during the decade..

**❖ Khyber Pakhtunkhwa:**

Mainly hot and dry weather is expected in most parts; however, rain/wind-thunderstorm is likely in upper parts during first half and in lower parts of the Province on 29<sup>th</sup> and 30<sup>th</sup> April during the decade.

**❖ Sindh:**

Mainly hot and dry weather is expected in most parts; however, rain/wind-thunderstorm is likely in upper parts of the province on 29<sup>th</sup> and 30<sup>th</sup> April during the decade.

**❖ Baluchistan:**

Mainly hot and dry weather is expected in most parts; however, rain/wind-thunderstorm is likely in the province on 29<sup>th</sup> and 30<sup>th</sup> April during the decade.

**❖ Gilgit-Baltistan:**

Mainly dry weather is expected in most parts; however, rain/wind-thunderstorm is likely in Gilgit-Baltistan from 21<sup>st</sup> to 26<sup>th</sup> April during the decade.

**Kashmir:**

Mainly dry weather is expected in most parts; however, rain/wind-thunderstorm is likely in Gilgit-Baltistan from 21<sup>st</sup> to 26<sup>th</sup> April during the decade.

**3.4 Advisory for Farmers**

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