

Past Weather of Provinces **(22nd – 28th January 2024)**

Punjab

Light rainfall was reported from Central, northeastern, and Potohar region of the Punjab Province. Weekly maximum and minimum temperatures were recorded as 14.9°C & 4.7°C respectively. For the recent week on average 33.6 growing degree days were accumulated. Average relative humidity recorded as 72% and wind speed in the morning/evening recorded as 1.0/1.5 Knots. Highest rainfall was reported as 3.5mm from Murree, However, lowest minimum temperature was recorded as -1.5°C at Chakwal.

Baluchistan

Dry weather prevailed over the province during the last week. Highest precipitation reported in Quetta during the last week. Weekly maximum and minimum temperatures were recorded as 22.3°C & 7.0°C respectively. For the recent week on average 67.3 growing degree days were accumulated. Average relative humidity recorded 49% and wind speed in the morning/evening was recorded as 0.4/4.9 Knots. Highest rainfall was reported as 2.0 mm from Quetta. However, lowest minimum temperature was recorded as -6.0°C at Kalat.

Khyber Pakhtunkhwa

Light rain was reported from lower parts of Khyber Pakhtunkhwa while moderate rain was reported from upper parts of the province. Weekly maximum and minimum temperatures recorded as 14.2°C & 1.1°C respectively. For the recent week on average 20.7 growing degree days were accumulated. Average relative humidity recorded as 76% and wind speed in the morning/evening recorded as 0.6/1.5 Knots. Highest rainfall was reported as 45.0mm from Lower Dir. However, lowest minimum temperature recorded as -7.0 °C at Kalam.

Sindh

Dry weather was reported from the province. Weekly maximum and minimum temperatures recorded as 21.2°C & 8.3°C respectively. For the recent week, on average 68.0 growing degree days

were accumulated. Average relative humidity recorded as 75% and wind speed in the morning/evening recorded as 3.3/5.0 Knots. During the previous week the lowest minimum temperature recorded as 5.0°C at Moinjo Daro and Padidan.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light precipitation was reported from Gilgit Baltistan and moderate precipitation was reported from Kashmir. Weekly maximum and minimum temperatures recorded as 12.9°C & -1.8°C respectively. For the recent week on average 12.1 growing degree days were accumulated. Average relative humidity recorded as 64%. and wind speed recorded in the morning/evening as 0.3/0.9. Highest rainfall was reported as 10.21mm from Rawalakot. However, lowest minimum temperature recorded as -10.7°C at Skardu.

Past Weather for Major Agricultural Plains **(22nd – 28th January 2024)**

Rawalpindi (Potohar region)

Rainfall reported as 0.3mm from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 5.7/4.1 Oktas, average relative humidity observed as 73%. Mean minimum time temperature was recorded as 1.1°C and for the recent week 34.0 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.0/0.5 Knots. The lowest minimum temperature was recorded as -0.5°C.

Faisalabad (Central Punjab)

Rainfall reported as 0.01(trace) mm from Faisalabad during the week; however, cloudiness in the morning/evening recorded 1.0/3.4 Oktas while, average relative humidity observed as 81%. Mean minimum time temperature recorded 5.8°C & for the recent week 36.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.5/1.1 Knots. The lowest minimum temperature was recorded as 4.3°C.

Tandojam (Lower Sindh)

Dry weather reported from Tandojam during the week; however, cloudiness in the morning/evening recorded 0.3/1.6 Oktas while, average relative humidity observed as 74%. Mean minimum time temperature recorded as 7.3°C & for the recent week 68.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.0/4.0 Knots. The lowest minimum temperature was recorded as 6.5°C.

Usta Muhammad (Eastern Baluchistan)

Dry weather reported from Usta Muhammad during the week; however, cloudiness in the morning/evening recorded as 3.1/1.5 Oktas, average relative humidity observed as 79%. Mean minimum time temperature recorded as 3.6°C & for the recent week 53.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.2/1.1 Knots. The lowest minimum temperature was recorded as 2.5°C.

Quetta (Northern Baluchistan)

Precipitation reported as 2.0mm from Quetta during the week; however, cloudiness in the morning/evening recorded as 2.4/3.2 Oktas while, average relative humidity observed as 43%. Mean

minimum time temperature recorded as 1.8°C & for the recent week 26.7 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.6/2.6 Knots. The lowest minimum temperature was recorded as -1.5°C.

Past Weather for Sub-Regional Agricultural Plains (22nd – 28th January 2024)

Multan

Dry weather reported from Multan during the week; however, cloudiness in the morning/evening recorded as 0/3.3 Oktas. Average relative humidity observed as 77%. Mean minimum time temperature recorded as 5.7°C & for the recent week 35.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.1/2.3 Knots.

Lahore

Dry weather was reported from Lahore during the week; cloudiness in the morning/evening recorded as 0/2.8 Oktas, average relative humidity observed as 77%. Mean minimum time temperature recorded as 4.9°C & for the recent week 35.9 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.1/0.9 Knots.

Zhob

Dry weather reported from Zhob during the week; however, cloudiness in the morning/evening recorded as 2.0/3.4 Oktas. Average relative humidity observed as 33%. Mean minimum time temperature recorded as 0.1°C & for the recent week 23.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/3.0 Knots.

Murree

precipitation reported as 3.5mm from Murree during the week; however, cloudiness in the morning/evening was recorded as 2.9/4.3 Oktas while average relative humidity was observed as 63%. The mean minimum time temperature was recorded as -0.2°C & and for the recent week 3.1 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.6/1.4 Knots.

D.I. Khan

Dry weather was reported from D.I. Khan during the week; cloudiness in the morning/evening recorded as 0/4.0 Oktas while, average relative humidity observed as 86%. Mean minimum time temperature

recorded as 4.6°C & for the recent week 31.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.3/0.3 Knots.

Peshawar

Rainfall was reported as 0.01 (trace) mm from Peshawar during the week; however, cloudiness in the morning/evening recorded as 3.7/5.8 Oktas while, average relative humidity observed as 81%. Mean minimum time temperature was recorded as 4.1°C & for the recent week 27.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/1.4 Knots.

Kalam

Precipitation was reported as 21.70 mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 2.3/4.9 Oktas while, average relative humidity observed as 55%. Mean minimum time temperature recorded as -6.0°C. Calm wind recorded in the morning/evening.

Gilgit

Dry weather reported from Gilgit during the week, cloudiness in the morning/evening recorded as 3.4/4.1 Oktas while, average relative humidity observed as 55%. Mean minimum time temperature recorded as -4.5°C & for the recent week 0.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.3/0.6 Knots.

Skardu

Precipitation reported as 0.01(Trace) mm from Skardu during the week; however, cloudiness in the morning/evening recorded as 3.1/4.6 Oktas while, average relative humidity observed as 55%. Mean minimum time temperature recorded as -8.4°C. Calm wind recorded in the morning/evening.

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)

Wheat crop is sown in the fields. Date of sowing 21-11-2023. Phonological Stage: Shooting. Condition: *Very good*.

Lower Sindh (Tandojam)

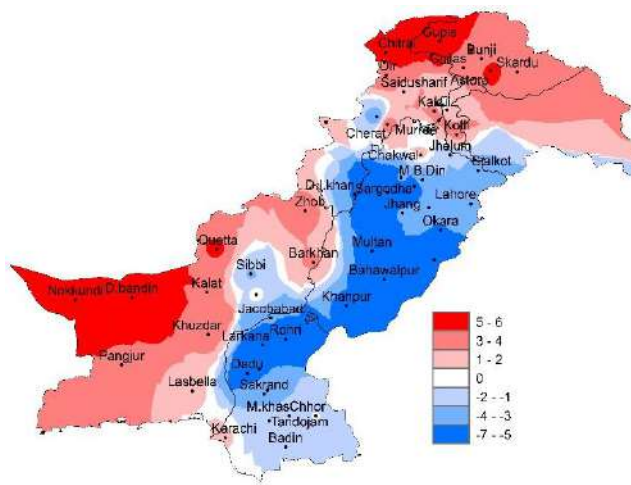
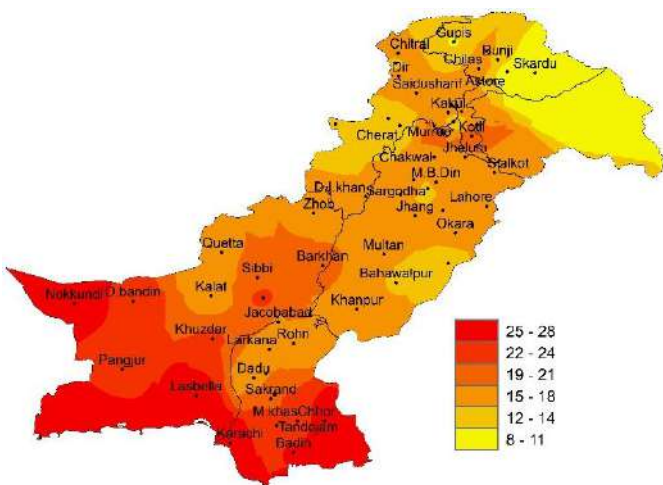
Wheat crop is sown in the fields. Date of sowing 26-11-2023. Variety: TJ83. Phonological Stage: Flowering. Condition: *Good*.

Northern Baluchistan (Quetta)

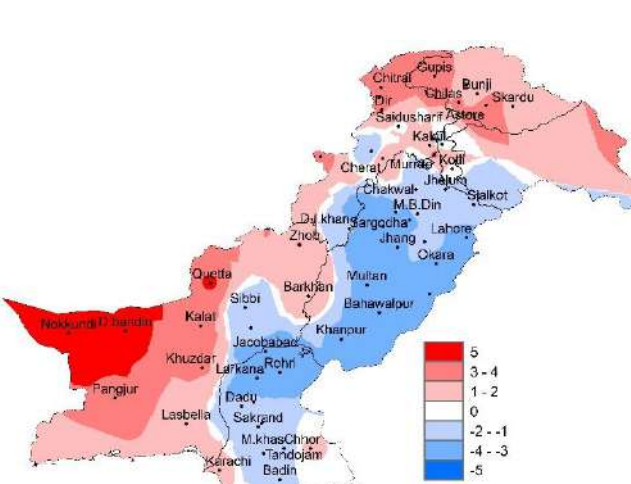
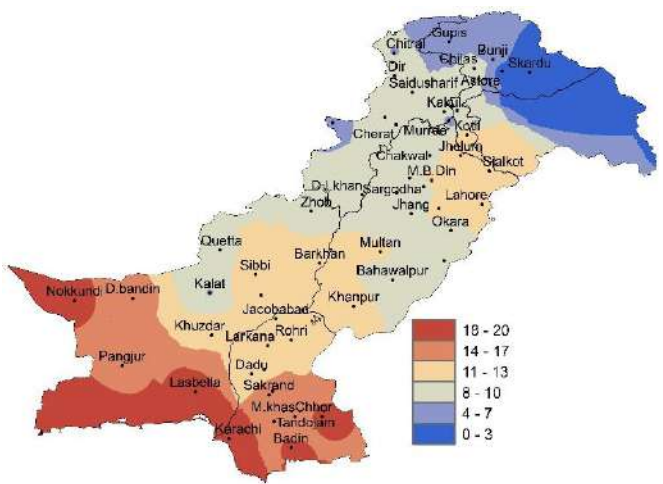
Wheat crop is sown in the fields of RAMC Quetta. Date of sowing 22-11-2023. Phonological Stage: Tillering. Condition: *Good*

Eastern Baluchistan (Usta Muhammad) Wheat crops are grown in the fields. Phonological Stage: 3rd leaf. Condition: *Good*.

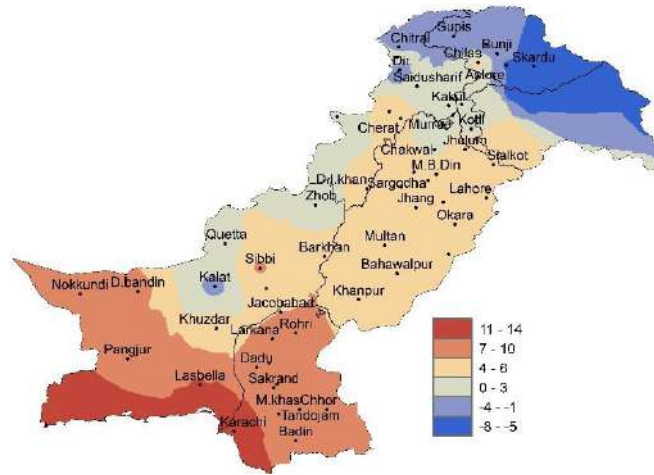
Actual & Departure of Maximum temperature (°C) for the Previous week (22nd – 28th January 2024)



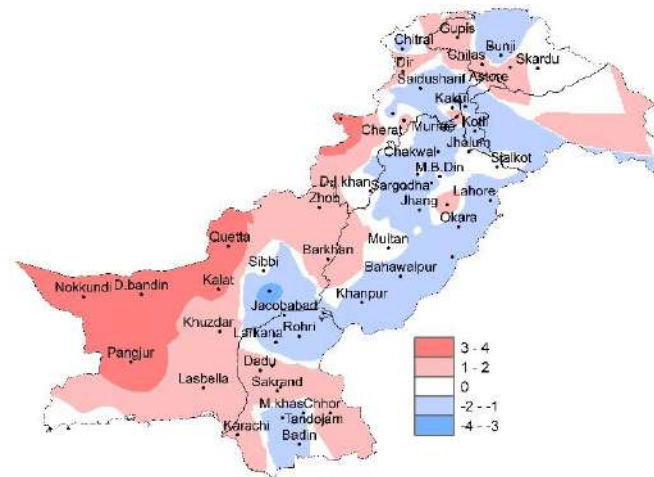
Actual & Departure of Mean temperature (°C) for the Previous week (22nd – 28th January 2024)



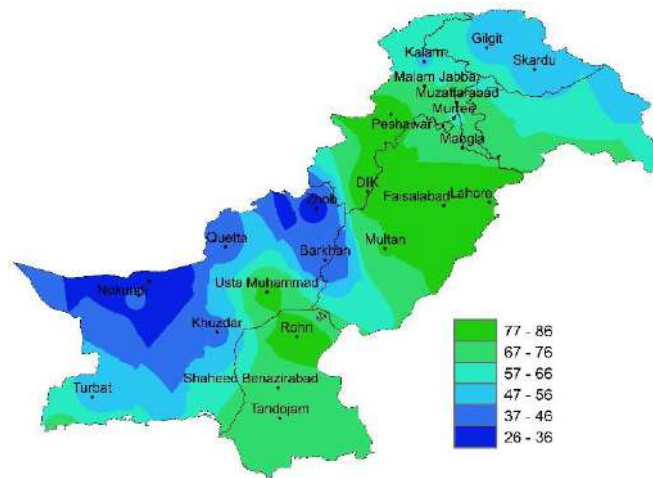
**Actual Minimum temperature (°C) during the
Previous week (22nd – 28th January 2024)**



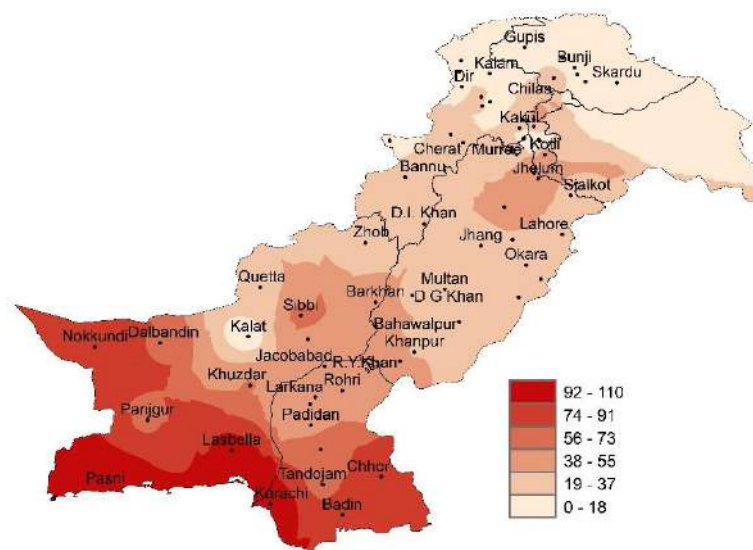
**Departure of Minimum temperature (°C) during the
Previous week (22nd – 28th January 2024)**



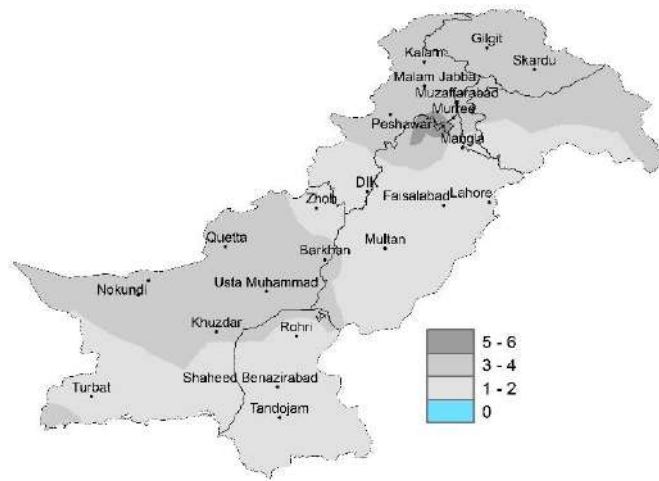
**Mean Relative Humidity (%) during the
Previous week (22nd – 28th January 2024)**



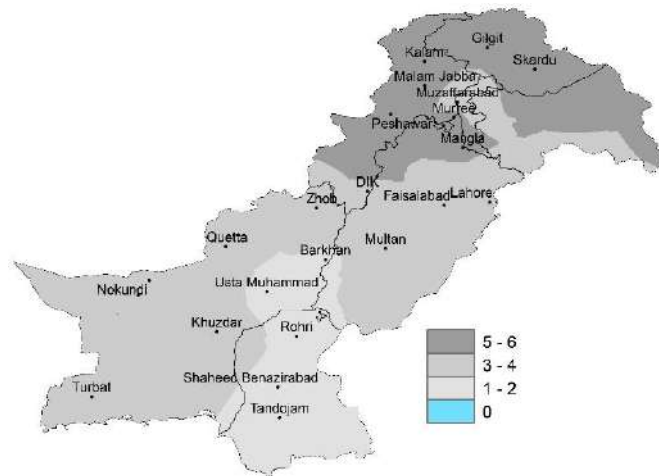
**Total Growing Degree Days accumulated during the
Previous week (22nd – 28th January 2024)**



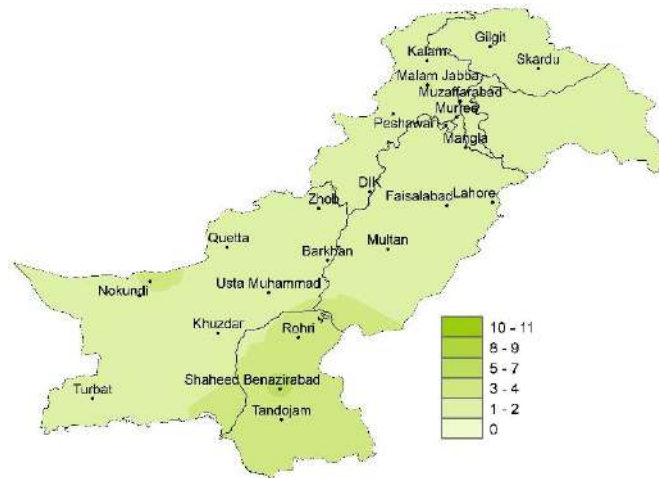
**Mean Cloudiness (Octas) at 0800PST during the
Previous week (22nd – 28th January 2024)**



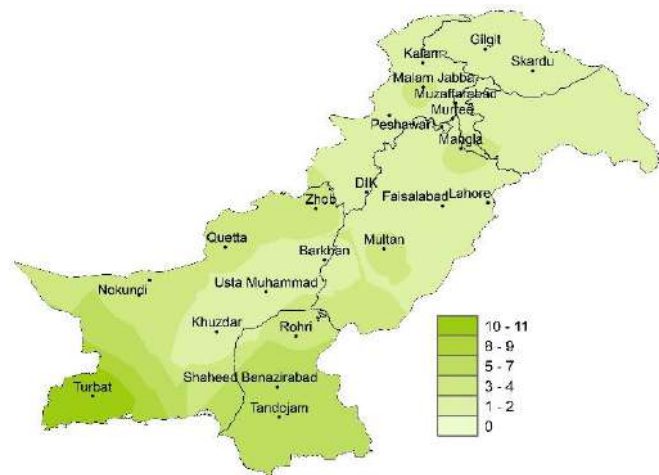
**Mean Cloudiness (Octas) at 1700PST during the
Previous week (22nd – 28th January 2024)**



**Mean Wind Speed (Knots) at 0800PST during the
Previous week (22nd – 28th January 2024)**

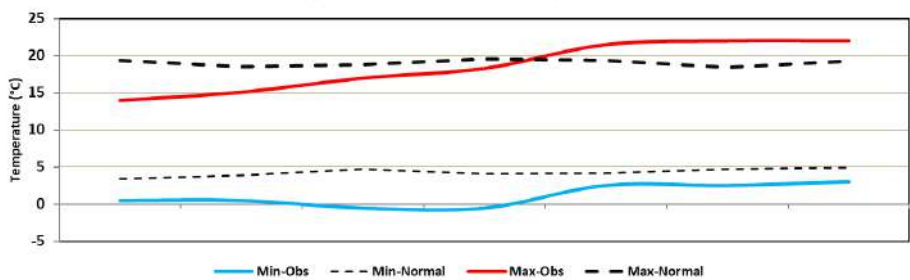


**Mean Wind Speed (Knots) at 1700PST during the
Previous week (22nd – 28th January 2024)**

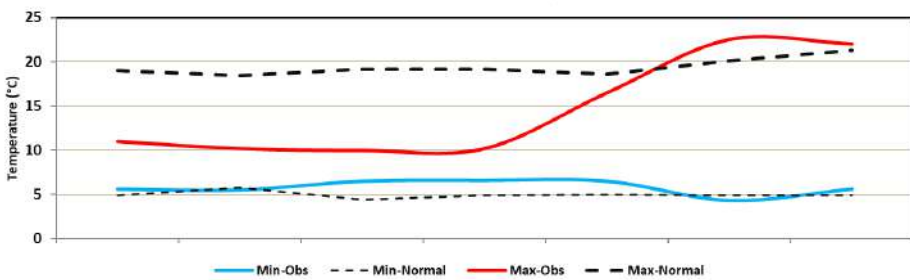


**Comparison of temperatures for RAMCs (Minimum & Maximum with normal)
during the previous week (22nd – 28th January 2024)**

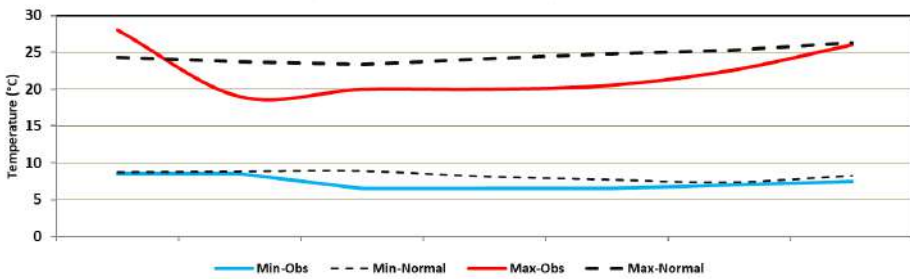
Rawalpindi (Min & Max Temperatures)



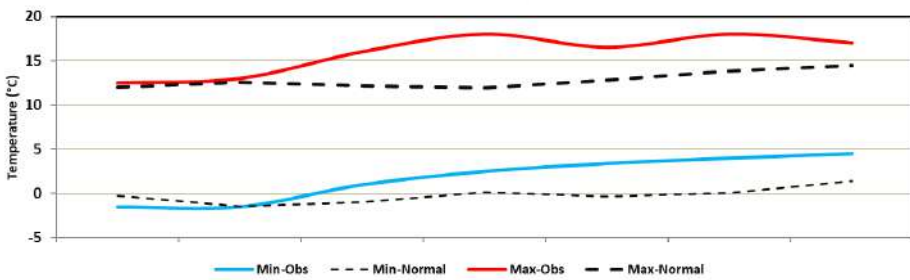
Faisalabad (Min & Max Temperatures)



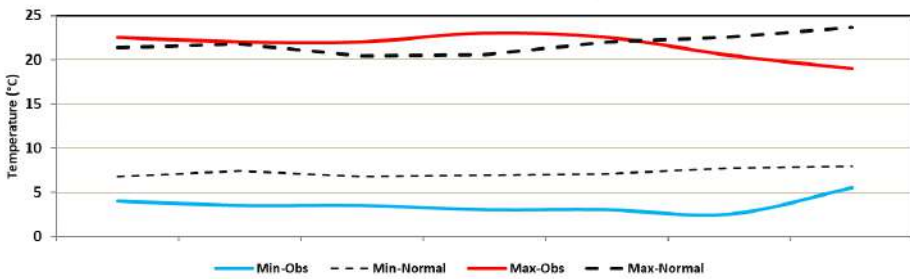
Tandojam (Min & Max Temperatures)



Quetta (Min & Max Temperatures)



Usta Muhammad (Min & Max Temperatures)



Weekly Weather Advisory for Farmers**(29th January – 04th February 2024)**

Continental air is prevailing over most parts of the country.

MONDAY**29-01-2024**

Mainly cold and partly cloudy weather is expected in most parts of the country while cloudy in upper Parts. However, rain (snowfall over mountain) is expected in Gilgit-Baltistan, upper Khyber-Pakhtunkhwa, Kashmir and adjoining hilly areas. Shallow to moderate fog is likely to persist in few plain areas of Punjab.

TUESDAY**30-01-2024**

Mainly cold weather is expected in most areas of the country while cloudy in upper Parts. However, rain (snowfall over mountain) is expected in Gilgit-Baltistan, Upper Khyber-Pakhtunkhwa, Islamabad, Pothohar region, Kashmir and Surrounding hilly areas. Shallow to moderate fog is likely to persist in few plain areas of Punjab and upper Sindh.

WEDNESDAY**31-01-2024**

Rain (snow over hills) is likely in Khyber-Pakhtunkhwa, Gilgit-Baltistan, Kashmir, Northeast Punjab, Islamabad, Pothohar, Murree and Galliyat. Moderate to heavy falls also expected at a few places in Kashmir and Upper Khyber Pakhtunkhwa. Cold and dry weather is expected in other parts of the country. Shallow to moderate fog/smog (in patches) is likely to persist in few plain areas of Punjab and upper Sindh.

THURSDAY**01-02-2024**

Cloudy weather with rain (snow over hills) is likely in upper Khyber-Pakhtunkhwa, Gilgit-Baltistan, Kashmir, Northeast Punjab, Islamabad, Murree and Galliyat. Cold and dry weather is expected in other parts of the country. Fog/smog (in patches) is likely to persist in few plain areas of Punjab and upper Sindh.

FRIDAY**02-02-2024**

Cloudy weather with rain (snow over hills) is likely in Baluchistan, upper Sindh and western Khyber-Pakhtunkhwa. Cold and partly cloudy weather is expected in other parts of the country.

SATURDAY**03-02-2024**

Rain (snow over hills) is likely in Baluchistan, Khyber-Pakhtunkhwa, Gilgit-Baltistan, Kashmir, Pothohar region, Murree and Galliyat. Partly cloudy weather with chances of rain is likely in upper Sindh and south Punjab.

SUNDAY**04-02-2024**

Rain (snow over hills) is likely in upper Khyber-Pakhtunkhwa, Gilgit-Baltistan, Kashmir, Pothohar region, Islamabad, Murree and Galliyat. Cold and dry weather is expected in other 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 (22nd – 28th January 2024)

Stations	Minimum/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	Lowest							
D.I. Khan	4.6	4.0	31.5	86.1	0.0	0.0	4.0	0.3	0.3
Faisalabad	5.8	4.3	36.5	80.5	0.0	1.0	3.4	0.5	1.1
Gawadar	13.2	11.5	109.8	68.7	0.0	2.9	2.4	0.6	11.1
Gilgit	-4.5	-6.5	0.8	54.9	0.0	3.4	4.1	0.3	0.6
Kalam	-6.0	-7.0	0.0	54.7	21.7	2.3	4.9	0.0	0.0
Khuzdar	4.3	3.0	55.5	43.7	0.0	2.0	3.4	0.0	0.6
Lahore	4.9	4.3	35.9	77.4	0.0	0.0	2.8	1.1	0.9
Malam Jabba	-1.8	-3.0	0.0	67.9	19.0	3.0	4.6	2.0	3.1
Mangla	5.5	2.7	43.3	76.3	1.2	0.0	4.0	0.9	2.9
Multan (PBO)	5.7	4.7	35.5	76.7	0.0	0.0	3.3	1.1	2.3
Murree	-0.2	-0.5	3.1	63.4	3.5	2.9	4.3	0.6	1.4
Muzaffarabad	1.7	1.0	21.6	69.4	4.5	3.1	3.3	0.0	0.0
Sh. Ben. Abad	7.6	6.0	65.3	71.6	0.0	0.8	1.6	4.3	7.4
Peshawar	4.1	3.0	27.3	81.4	0.0	3.7	5.8	0.0	1.4
Quetta	1.8	-1.5	26.7	43.0	0.0	2.4	3.2	1.6	2.6
Rawalpindi	1.1	-0.5	34.0	72.8	0.3	5.7	4.1	0.0	0.5
Rohri	7.8	7.0	51.0	80.2	0.0	1.8	1.7	3.7	3.7
Skardu	-8.4	-10.7	0.0	54.7	0.0	3.1	4.6	0.0	0.0
Tandojam	7.3	6.5	68.5	74.0	0.0	0.3	1.6	2.0	4.0
U.Muhammad	3.6	2.5	53.3	78.5	0.0	3.1	1.5	0.2	1.1
Zhob	0.1	-1.0	23.5	33.1	0.0	2.0	3.4	0.6	3.0

*** Shows that data was not available.