

Weekly Weather and Crop Bulletin for Pakistan

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Rainfall Distribution (mm) during the Previous Week (03rd – 09th June 2024)

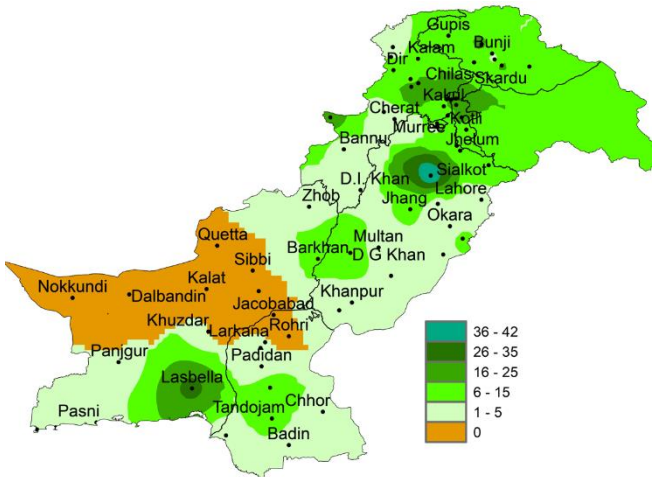


Figure 1: Rainfall.

Highlights of Past Weather
(03rd – 09th June 2024)

- Light to moderate rainfall was reported from most parts of the country except parts of Baluchistan, where dry weather was reported (Figure1)
- Daily maximum temperatures were observed below normal in most parts of the country due to cloudy/rainy atmosphere observed during the week.
- Daily minimum temperatures were also observed below normal in the country.
- Mean daily temperatures were also observed below normal in the country.

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Past Weather of Provinces**(03rd – 09th June 2024)****Punjab**

Light to moderate rainfall with isolated heavy rain at a few places was reported from almost all over Punjab Province during the week. Weekly maximum and minimum temperatures recorded as 40.3°C & 25.3°C respectively. For the recent week on average 124.9 growing degree days were accumulated. Average relative humidity recorded as 40% and wind speed in the morning/evening recorded as 3.9/7.1 Knots. Maximum rainfall was reported as 42.50 mm from Mandi Bahauddin. However, highest maximum temperature was recorded as 47.5°C at Bhakkar.

Baluchistan

Light to moderate rainfall was reported from the northern and southern parts whereas dry weather was reported from other parts of the province. Weekly maximum and minimum temperatures recorded as 36.2°C & 21.9°C respectively. For the recent week on average 98.5 growing degree days were accumulated. Average relative humidity recorded 32% and wind speed in the morning/evening recorded as 1.8/7.3 Knots. Maximum rainfall was reported as 26.80 mm from Lasbella. However, highest maximum temperature was recorded as 47.0°C at Sibbi.

Khyber Pakhtunkhwa

Light to moderate rainfall with isolated heavy rain at a few places was reported from almost all over Punjab Province during the week. Weekly maximum and minimum temperatures recorded as 32.6°C & 18.6°C respectively. For the recent week on average 74.3 growing degree days were accumulated. Average relative humidity recorded as 50% and wind speed in the morning/evening recorded as 1.1/3.4 Knots. Maximum rainfall was reported as 22.00 mm from Saidu Sharif. However, highest maximum temperature recorded as 45.0°C at D. I. Khan.

Sindh

Light to moderate rainfall was reported from most parts. Weekly maximum and minimum temperatures recorded as 41.0°C & 27.9°C respectively. For the recent week, on average 134.6 growing degree days were accumulated. Average relative humidity recorded as 55% and wind speed in the morning/evening recorded as 5.1/5.6 Knots. Maximum rainfall was reported as 10.01 mm from Shaheed Benazirabad. However, highest maximum temperature recorded as 47.0°C at Dadu and Jacobabad.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light to moderate rainfall was reported from most parts of Gilgit Baltistan and Kashmir. Weekly maximum and minimum temperatures recorded as 28.9°C & 14.9°C respectively. For the recent week on average 48.4 growing degree days were accumulated. Average relative humidity recorded as 46%. and wind speed recorded in the morning/evening as 0.5/4.8. Highest rainfall was reported as 20.00 mm from Muzaffarabad. However, highest maximum temperature recorded as 47.0°C at Muzaffarabad.

Past Weather for Major Agricultural Plains**(03rd – 09th June 2024)****Rawalpindi (Potohar region)**

Rainfall reported as 4.00 mm from Rawalpindi during the week; however, cloudiness in the morning/evening recorded as 0.8/1.6 Oktas, average relative humidity observed as 31%. Mean maximum time temperature was recorded as 38.9°C and for the recent week 106.8 growing degree days were accumulated. Wind speed recorded in the morning/evening as 0.4/1.2 Knots. The highest maximum temperature was recorded as 43.2°C.

Faisalabad (Central Punjab)

Rainfall reported as 1.60 mm from Faisalabad during the week; however, cloudiness in the morning/evening recorded 3.3/3.0 Oktas while, average relative humidity observed as 44%. Mean maximum time temperature recorded 40.8°C & for the recent week 131.2 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.3/3.4 Knots. The highest maximum temperature was recorded as 44.2°C.

Tandojam (Lower Sindh)

Dry weather reported during the week; however, cloudiness in the morning/evening recorded as 0.9/0.6 oktas while, average relative humidity observed as 59%. Mean maximum time temperature recorded as 40.9°C & for the recent week 125.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 3.6/4.5 Knots. The highest maximum temperature was recorded as 43.0°C.

Usta Muhammad (Eastern Baluchistan)

Dry weather reported during the week; however, cloudiness in the morning/evening recorded as 0.5/1.4. Average relative humidity observed as 38%. Mean maximum time temperature recorded as 44.8°C & for the recent week 141.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 3.4/4.3 Knots. The highest maximum temperature was recorded as 45.5°C.

Quetta (Northern Baluchistan)

Dry weather reported from Quetta during the week; however, cloudiness in the morning/evening recorded as 1.2/2.7 Oktas while, average relative humidity observed as 31%. Mean maximum time temperature recorded as 32.7°C & for the recent week 71.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.6/2.8

Knots. The highest maximum temperature was recorded as 35.5°C.

Past Weather for Sub-Regional Agricultural Plains (03rd – 09th June 2024)**Multan**

Rainfall reported as 0.63 mm during the week; however, cloudiness in the morning/evening recorded as 2.6/5.1 Oktas. Average relative humidity observed as 40%. Mean maximum time temperature recorded as 41.1°C & for the recent week 138.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 7.1/12.9 Knots.

Lahore

Rainfall reported as 2.30 mm from Lahore during the week; cloudiness in the morning/evening recorded as 2.0/2.0 Oktas, average relative humidity observed as 34%. Mean maximum time temperature recorded as 40.8°C & for the recent week 129.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.7/4.0 Knots.

Zhob

Rainfall reported as 2.00 mm from Zhob during the week; however, cloudiness in the morning/evening recorded as 0.3/3.4 Oktas. Average relative humidity observed as 26%. Mean maximum time temperature recorded as 36.2 °C & for the recent week 98.5 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.9/7.9 Knots.

Murree

Rainfall reported as 11.01 mm from Murree during the week; however, cloudiness in the morning/evening recorded as 1.1/4.7 Oktas while, average relative humidity observed as 47%. Mean maximum time temperature recorded as 25.4°C & for the recent week 35.8 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.9/4.3 Knots.

D.I. Khan

Rainfall reported as 2.00 mm from D.I. Khan during the week; however, cloudiness in the morning/evening recorded as 0.6/3.2. Average relative humidity observed as 41%. Mean maximum time temperature recorded as 40.5°C & for the recent week 129.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 2.0/2.0 Knots

Peshawar

Rainfall reported as 3.01 mm from Peshawar during the week; however, cloudiness in the morning/evening recorded as 3.6/6.3 Oktas while, average relative humidity observed as 47%. Mean maximum time temperature was recorded as 37.1°C & for the recent week 99.0 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.4/5.1 Knots.

Kalam

Rainfall reported as 11.50 mm from Kalam during the week; however, cloudiness in the morning/evening recorded as 2.7/6.7 Oktas while, average relative humidity observed as 42%. Mean maximum time temperature recorded as 23.6°C & for the recent week 6.3 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/4.6 Knots.

Gilgit

Rainfall reported as 17.62 mm from Gilgit during the week, cloudiness in the morning/evening recorded as 3.9/6.7 Oktas while, average relative humidity observed as 48%. Mean maximum time temperature recorded as 28.6°C & for the recent week 44.7 growing degree days accumulated. Wind speed recorded in the morning/evening as 1.1/10.1 Knots.

Skardu

Rainfall reported as 5.51 mm from Skardu during the week; however, cloudiness in the morning/evening recorded as 4.0/6.7 Oktas while, average relative humidity observed as 42%. Mean maximum time temperature recorded as 24.5°C & for the recent week 15.7 growing degree days accumulated. Wind speed recorded in the morning/evening as 0.0/4.6 Knots.

**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 in the fields. Date of sowing 23-04-2024. Phonological Stage: Budding completed. Condition: *Very Good*.

Lower Sindh (Tandojam)

Cotton crop is in the fields. Date of sowing 14-05-2024. Phonological Stage: Third True Leaf. Condition: *Good*.

Northern Baluchistan (Quetta)

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

Eastern Baluchistan (Usta Muhammad)

Field is preparing for Rice pinery.

Actual & Departure of Maximum temperature (°C) for the Previous week (03rd – 09th June 2024)

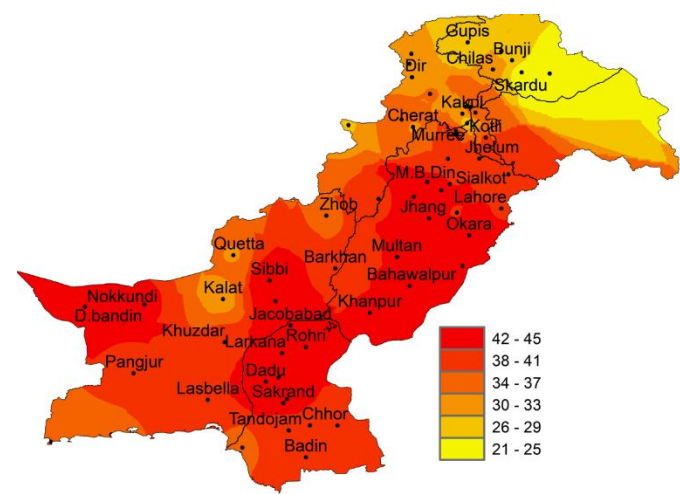


Figure 2: Actual Maximum temperature.

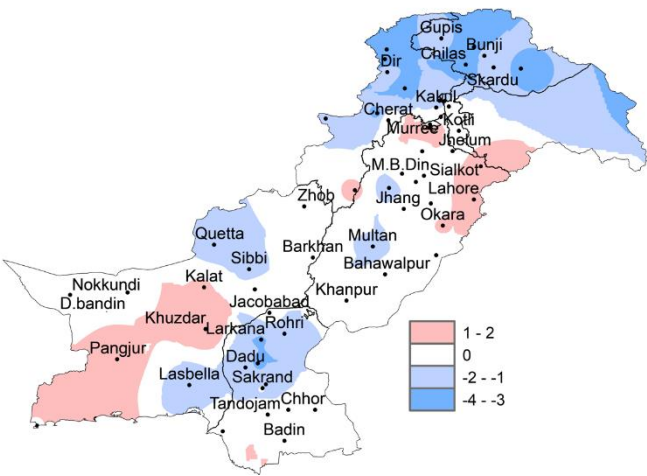


Figure 3: Departure of Maximum temperature.

Actual & Departure of Mean temperature (°C) for the Previous week (03rd – 09th June 2024)

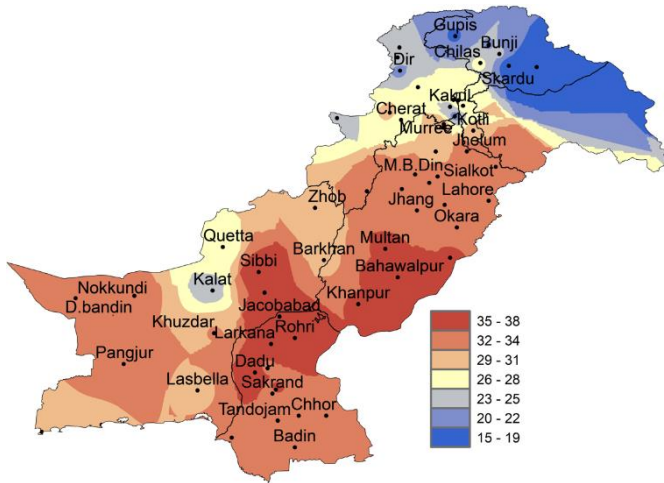


Figure 5: Actual Mean temperature.

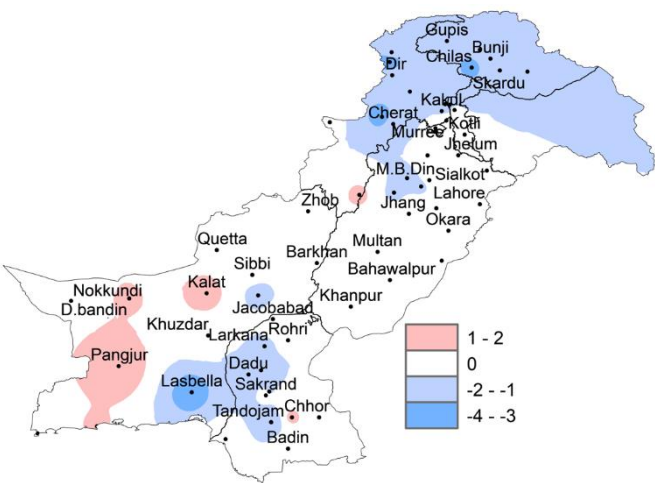


Figure 4: Departure of Mean temperature.

Actual Minimum temperature (°C) during the
Previous week (03rd – 09th June 2024)

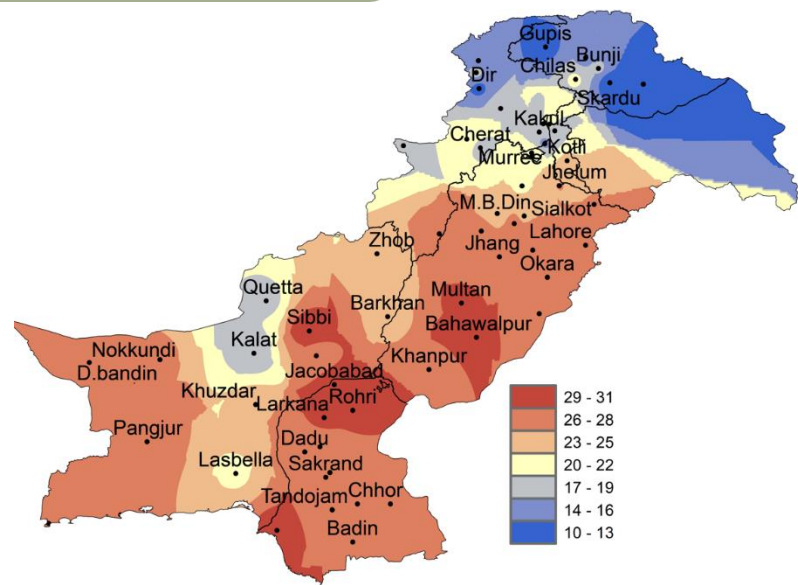


Figure 6: Actual Minimum temperature.

Departure of Minimum temperature (°C) during the
Previous week (03rd – 09th June 2024)

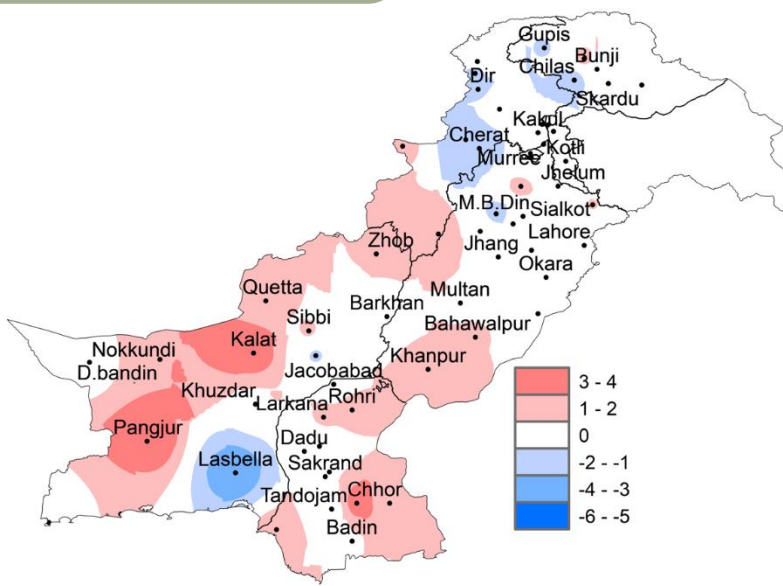


Figure 7: Departure of Minimum temperature.

Mean Relative Humidity (%) during the
Previous week (03rd – 09th June 2024)

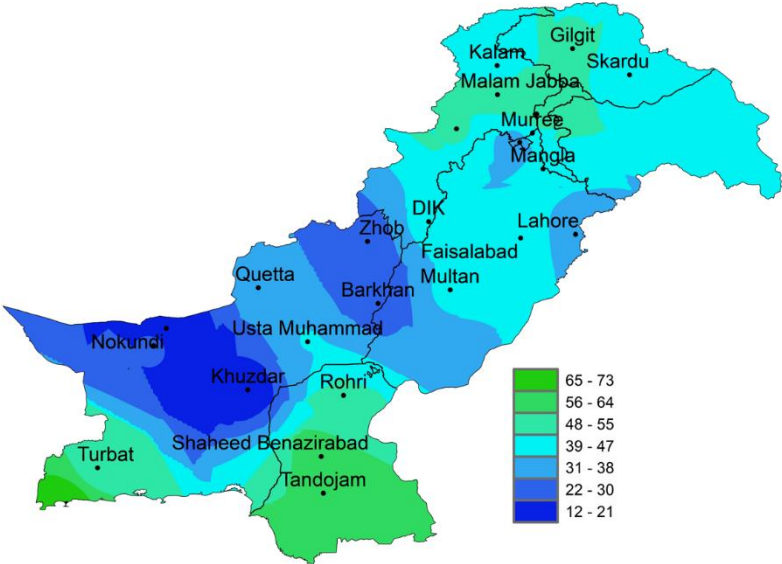


Figure 8: Relative Humidity

Total Growing Degree Days accumulated during the
Previous week (03rd – 09th June 2024)

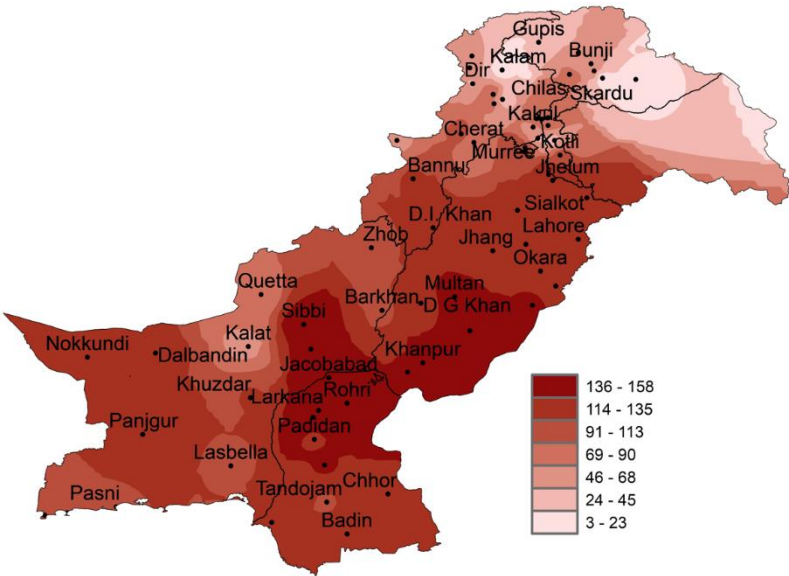


Figure 9: Growing Degree Days

Mean Cloudiness (Octas) at 0800PST during the
Previous week (03rd – 09th June 2024)

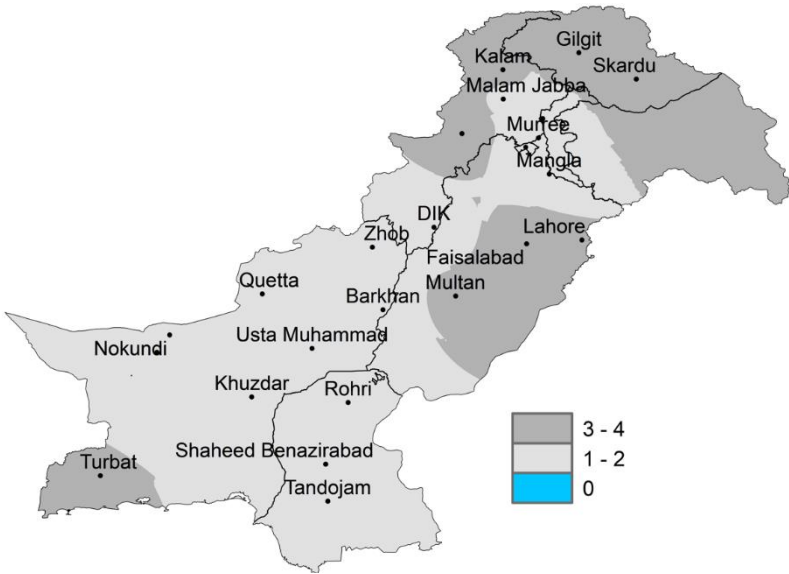


Figure 10: Mean Cloudiness at 0800

Mean Cloudiness (Octas) at 1700PST during the
Previous week (03rd – 09th June 2024)

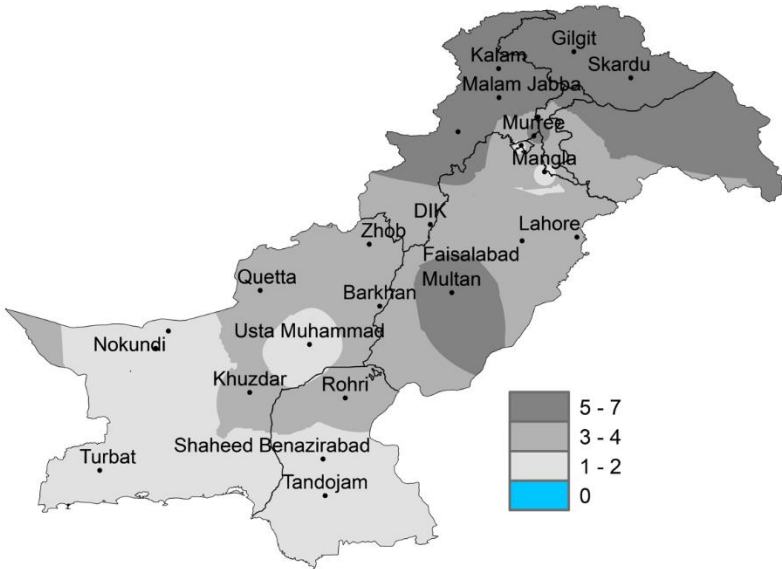


Figure 11: Mean Cloudiness at 1700

Mean Wind Speed (Knots) at 0800PST during the
Previous week (03rd – 09th June 2024)

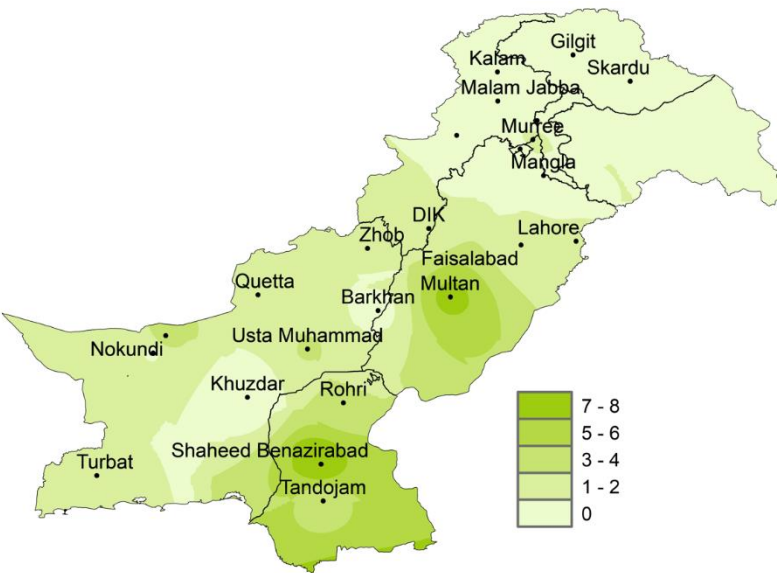


Figure 12: Mean Wind Speed 0300

Mean Wind Speed (Knots) at 1700PST during the
Previous week (03rd – 09th June 2024)

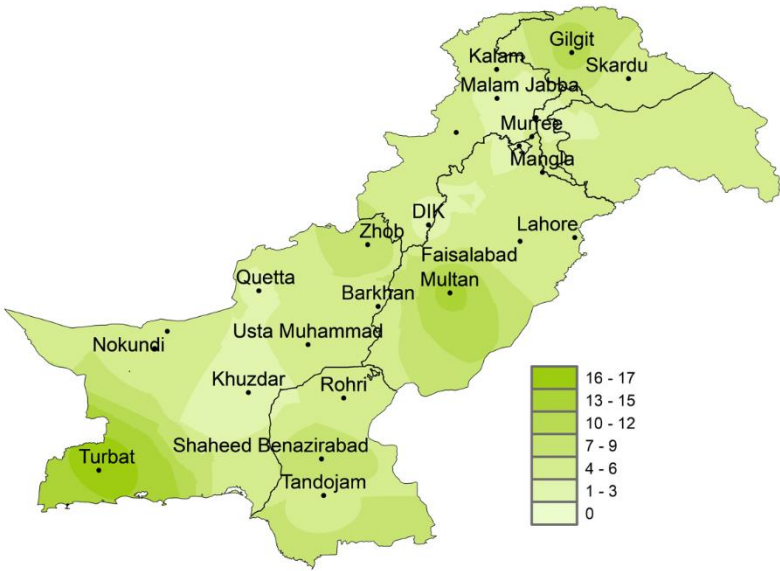
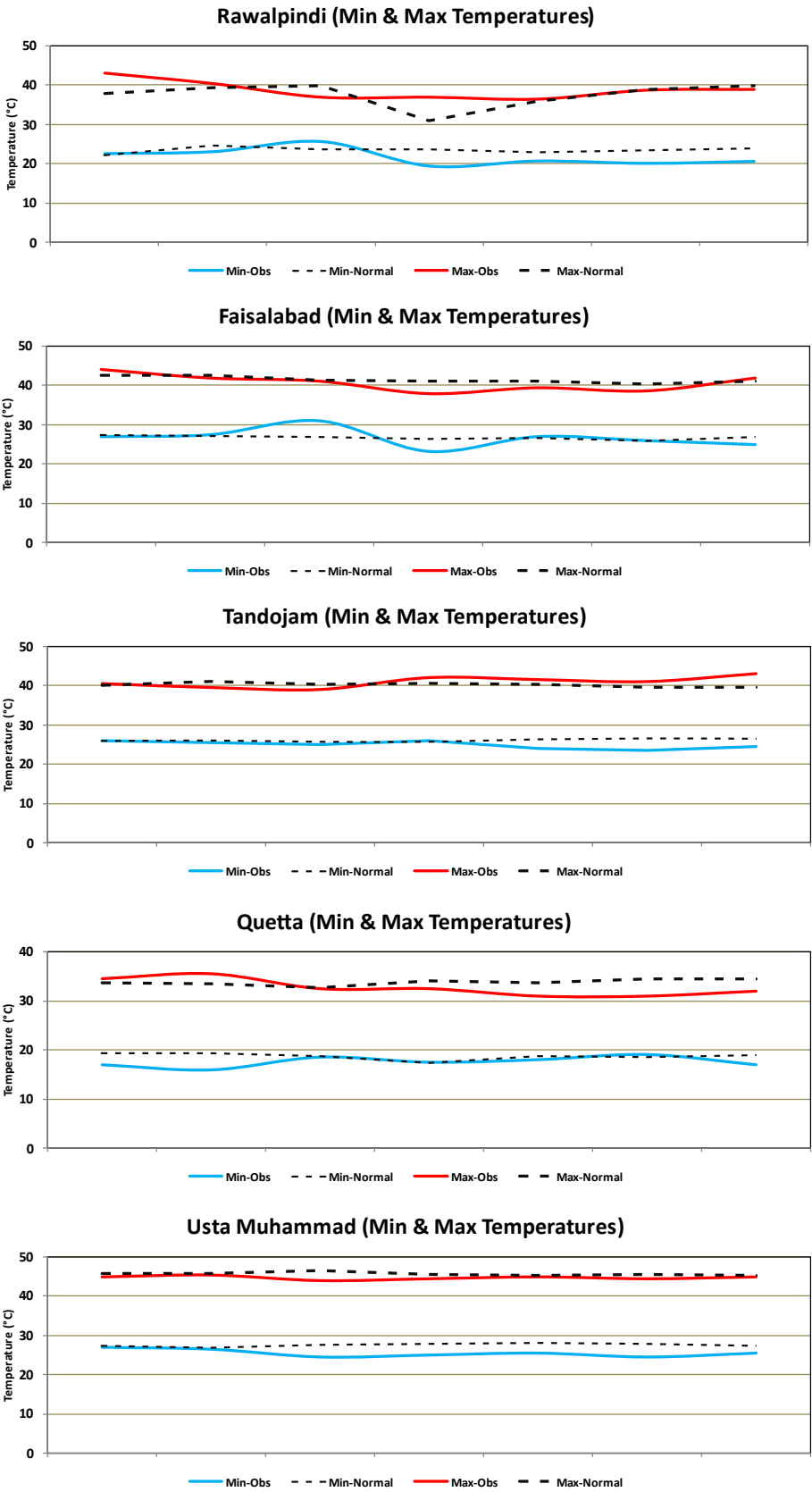


Figure 13: Mean Wind Speed 1700

Comparison of temperatures for RAMCs (Minimum & Maximum with normal)
during the previous week (03rd – 09th June 2024)



Weekly Weather Advisory for Farmers**(10th – 16th June 2024)**

Continental air is prevailing over most parts of the country. A trough of shallow westerly wave is likely to enter western and upper parts of the country from 13th (evening/night).

MONDAY**10-06-2024**

Mainly hot and dry weather is expected in most parts of the country while, very hot in central/southern plain areas. However, partly cloudy weather with light rain/thunderstorm is likely at isolated places in Gilgit-Baltistan during evening/night.

TUESDAY**11-06-2024**

Mainly hot and dry weather is expected in most parts of the country while, very hot in central/southern plain areas. However, partly cloudy weather with light rain/thunderstorm is likely at isolated places in Gilgit-Baltistan during evening/night.

WEDNESDAY**12-06-2024**

Mainly hot weather is expected in most plain areas of country while, very hot in southern parts. However, rain-wind/thunderstorm is expected at isolated places in Gilgit-Baltistan, Kashmir, Chitral, Dir, Swat and Kohistan.

THURSDAY**13-06-2024**

Mainly hot weather is expected in most plain areas of country while, very hot in southern parts. However, rain-wind/thunderstorm is expected at isolated places in Gilgit-Baltistan, Chitral, Swat, Kohistan, Northeast Balochistan, Dera Ghazi Khan, Multan, Kashmir and adjoining hilly areas.

FRIDAY**14-06-2024**

Mainly hot weather is expected in most plain areas of country while, very hot in southern parts. However, rain-wind/thunderstorm is expected in Gilgit-Baltistan, Kashmir, Upper Khyber Pakhtunkhwa, Pothohar region, Central/South Punjab. Partly cloudy weather with light rain is also expected in Coastal areas of Sindh.

SATURDAY**15-06-2024**

Mainly hot weather is expected in most plain areas of country while, very hot in southern parts. However, rain-wind/thunderstorm is expected at

isolated places in Gilgit-Baltistan, Kashmir and upper Khyber Pakhtunkhwa.

SUNDAY**16-06-2024**

Mainly hot weather is expected in most plain areas of country while, very hot in southern parts. However, rain-wind/thunderstorm is expected at isolated places in Gilgit-Baltistan, Kashmir and upper Khyber Pakhtunkhwa.

ADVISORY FOR FARMERS

- The farmers may plan field activities according to mainly hot and dry weather is expected in most of the agriculture plains of the country during the week.

National Weather Data of Selected Cities from (03rd – 09th June 2024)

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	40.5	45.0	129.3	41.0	2.0	0.6	3.2	2.0	2.0
Faisalabad	40.8	44.2	131.2	43.5	1.6	3.3	3.0	2.3	3.4
Gawadar	35.3	36.5	107.3	72.6	0.0	2.7	0.7	2.0	12.6
Gilgit	28.6	35.0	44.7	48.0	17.6	3.9	6.7	1.1	10.1
Kalam	23.6	29.5	6.3	42.4	11.5	2.7	6.7	0.0	4.6
Lahore	40.8	44.8	129.8	33.5	1.2	2.0	2.0	1.7	4.0
Malam Jabba	22.4	28.5	16.3	50.7	19.0	1.6	4.9	1.1	1.4
Mangla	40.1	44.6	119.6	40.4	14.6	1.0	1.8	0.9	4.7
Multan (PBO)	41.1	45.0	138.5	39.5	0.6	2.6	5.1	7.1	12.9
Murree	25.4	30.0	35.8	46.6	11.0	1.1	4.7	2.9	4.3
Muzaffarabad	35.9	42.0	86.7	53.1	20.0	0.6	4.0	0.0	0.0
Sh. Ben. Abad	42.5	44.5	138.6	57.5	10.0	1.4	1.7	8.3	8.6
Peshawar	37.1	42.0	99.0	47.4	3.1	3.6	6.3	1.4	5.1
Quetta	32.7	35.5	71.0	31.0	0.0	1.2	2.7	2.6	2.8
Rawalpindi	38.9	43.2	106.8	31.0	4.0	0.8	1.6	0.4	1.2
Rohri	42.6	44.5	143.0	47.3	0.0	1.7	2.6	3.4	3.7
Skardu	24.5	27.6	15.7	42.4	5.5	4.0	6.7	0.0	4.6
Tandojam	40.9	43.0	125.5	59.1	0.0	0.9	0.6	3.6	4.5
U.Muhammad	44.8	45.5	141.0	38.3	0.0	0.5	1.4	3.4	4.3
Zhob	36.2	38.5	98.5	25.5	2.0	0.3	3.4	1.9	7.9

*** Shows that data was not available.