

Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the
Previous Week (from 4th to 10th Jan, 20 16)**

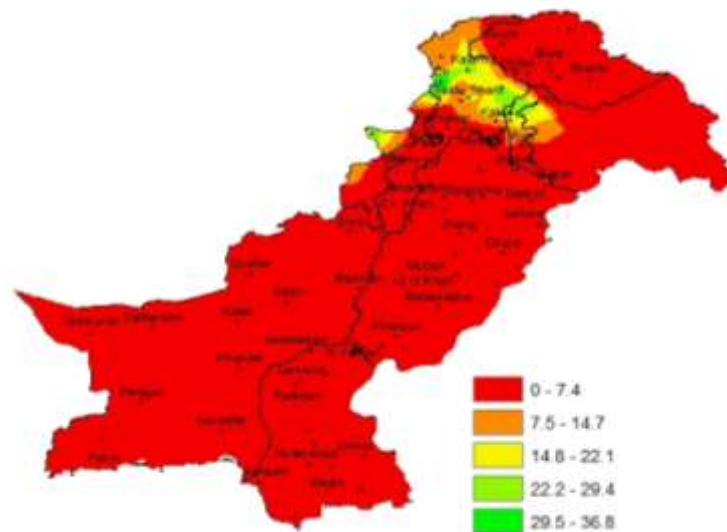
Contents

Highlights of past weather (General)	1-2
Past weather for Agri Plains	3-4
Crop progress	4
Min Temperature maps	5
R.H and GDD	6
Wind speed maps	7
Cloudiness maps	8
Farmers advisory	9
National data for selected stations	10-12

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Highlights of Past Weather (from 4th to 10th Jan, 20 16)

Mainly normal day time temperature was reported from most parts of the country during the week.

Province wise distribution of rainfall reported as follows:

- Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa and Gilgit-Baltistan & Kashmir regions.
- Light rainfall reported at isolated places in Sindh.
- Light rainfall reported at many places in Punjab.
- Light rainfall reported at few places in Balochistan.

Past Weather of Provinces (from 4th to 10th Jan, 2016)

Punjab

Light rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 21.9°C & 7.1°C respectively. For the present season average 59.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 71% and wind speed in the morning/evening recorded 0.5/1.4Knots. During the previous week the highest amount of rainfall was recorded 4.5 mm at Murree & lowest minimum temperature recorded 0.0°C at Murree.

Sindh

Light rainfall reported at isolated places in Sindh during the week. Weekly maximum and minimum temperatures recorded 26.2°C & 11.0°C respectively. For the present season average 81.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 66% and wind speed in the morning/evening recorded 1.0/2.9Knots. During the previous week the highest amount of rainfall was recorded 0.1 mm at Karachi & lowest minimum temperature recorded 6.0°C at Mithi.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa province during the week. Weekly maximum and minimum temperatures recorded 16.2°C & 2.2°C respectively. For the present season average 12.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 69% and wind speed in the morning/evening recorded 1.2/2.0Knots. During the previous week the highest amount of rainfall was recorded 37.0mm at Dir & lowest minimum temperature recorded -10.2°C at Parachinar.

Balochistan

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 22.8°C & 7.8°C respectively. For the present season average 60.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 52% and wind speed in the morning/evening recorded 1.3/4.3Knots. During the previous week the highest amount of rainfall was recorded 2.0mm at Zhob & lowest minimum temperature recorded -4.0°C at Kalat.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light to moderate rainfall reported at many places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 12.0°C & -0.3°C respectively. Average relative humidity recorded 70% and wind speed in the morning/evening recorded 0.8/0.5Knots. During the previous week the highest amount of rainfall was recorded 24.0mm at Muzaffarabad & lowest minimum temperature recorded -9.7°C at Skardu.

**Past Weather for Major Agricultural Plains
(from 4th to 10th Jan, 2016)****Rawalpindi (Potohar region)**

Rainfall reported as 0.2mm during the week; however cloudiness in the morning/evening recorded 3.1/3.9Oktas while, average relative humidity observed 77%. Mean night time temperature recorded 5.9°C & for the present season 55.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.5Knots.

Faisalabad (Central Punjab)

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.0/2.9Oktas while, average relative humidity observed as 72%. Mean night time temperature recorded 7.9°C & for the present season 72.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.9Knots.

Tandojam (Lower Sindh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.3/1.3Oktas while, average relative humidity observed as 68%. Mean night time temperature recorded 11.5°C & for the present season 98.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.9Knots.

Quetta (Northern Balochistan)

Rainfall reported as 3.0mm during the week; however cloudiness in the morning/evening recorded 2.6/3.3Oktas while, average relative humidity observed as 45%. Mean night time temperature recorded 2.2°C & for the present season 26.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.8/2.4Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.4/2.0Oktas while, average relative humidity observed as 67%. Mean night time temperature recorded 10.1°C & for the present season 86.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.1Knots.

**Past Weather for Sub-Regional Agricultural
Plains (from 4th to 10th Jan, 20 16)****Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.7/1.7Oktas while, average relative humidity observed as 68%. Mean night time temperature recorded 8.7°C & for the present season 67.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/1.1Knots.

Lahore

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.8/3.9Oktas while, average relative humidity observed as 66%. Mean night time temperature recorded 9.0°C & for the present season 68.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.4Knots.

Zhob

Rainfall reported as 2.0mm during the week; however cloudiness in the morning/evening recorded 3.7/3.4Oktas while, average relative humidity observed as 46%. Mean night time temperature recorded 0.4°C & for the present season 11.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/5.6Knots.

D.I. Khan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.8/2.0Oktas while, average relative humidity observed as 68%. Mean night time temperature recorded 5.8°C & for the present season 49.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.6Knots.

Peshawar

Rainfall reported as 5.1mm during the week; however cloudiness in the morning/evening recorded 2.7/4.4Oktas while, average relative humidity observed as 73%. Mean night time temperature recorded 6.2°C & for the present season 47.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/0.6Knots.

Murree

Rainfall reported as 4.5mm during the week; however cloudiness in the morning/evening recorded 3.7/4.1Oktas while, average relative humidity observed as 68%. Mean night time temperature recorded 1.8°C & for the present season 8.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.7/1.4Knots.

Kalam

Rainfall reported as 24.0mm during the week; however cloudiness in the morning/evening recorded 4.0/5.1Oktas while, average relative humidity observed as 77%. Mean night time temperature recorded -4.9°C by the end of last week. Wind speed recorded in the morning/evening 0.0/0.0Knots.

Gilgit

Rainfall reported as 3.6mm during the week; however cloudiness in the morning/evening recorded 6.3/6.0Oktas while, average relative humidity observed as 76%. Mean night time temperature recorded -1.8°C by the end of last week. Wind speed recorded in the morning/evening as 1.0/0.0Knots.

Skardu

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 7.2/6.4Oktas while, average relative humidity observed as 82%. Mean night time temperature recorded -6.5°C by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0Knots.

Crop Situation for Major Agricultural Plains**(Based on data from Regional Agromet Centres)****Potohar Region (Rawalpindi)**

There is presently one crop (irrigated condition) grown in the fields of RAMC Rawalpindi.

Wheat: Good condition at *Third Leaf* stage.

Central Punjab (Faisalabad)

There is presently one crop (irrigated condition) grown in the fields of RAMC Faisalabad.

Wheat: Good condition at *Tillering* stage Completed.

Lower Sindh (Tandojam)

There is presently one crop (irrigated condition) grown in the fields of RAMC Tandojam.

Wheat: Good condition at *Tillering* stage.

Northern Balochistan (Quetta)

There is presently one crop (irrigated condition) grown in the fields of RAMC Quetta.

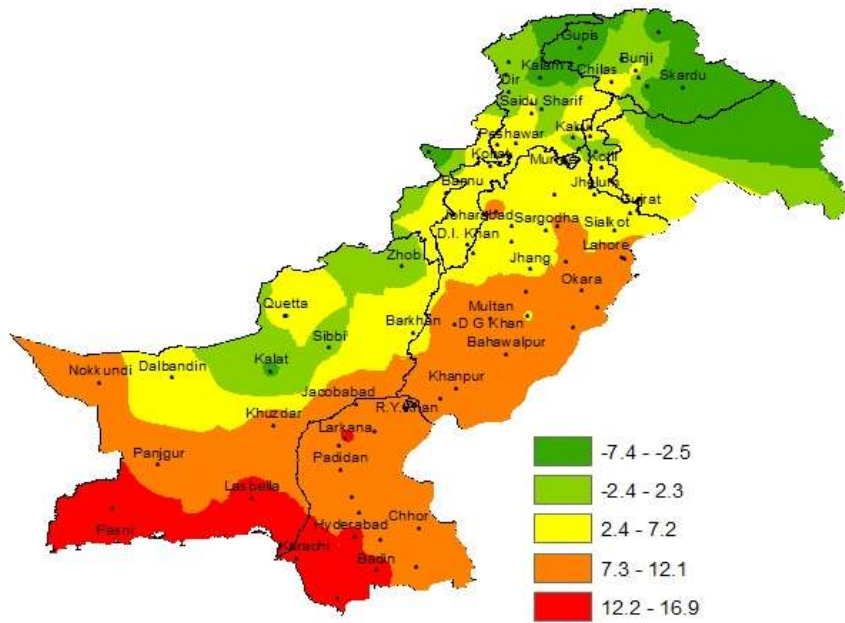
Wheat: Good condition at *Third Leaf* stage.

Eastern Balochistan (Usta Muhammad)

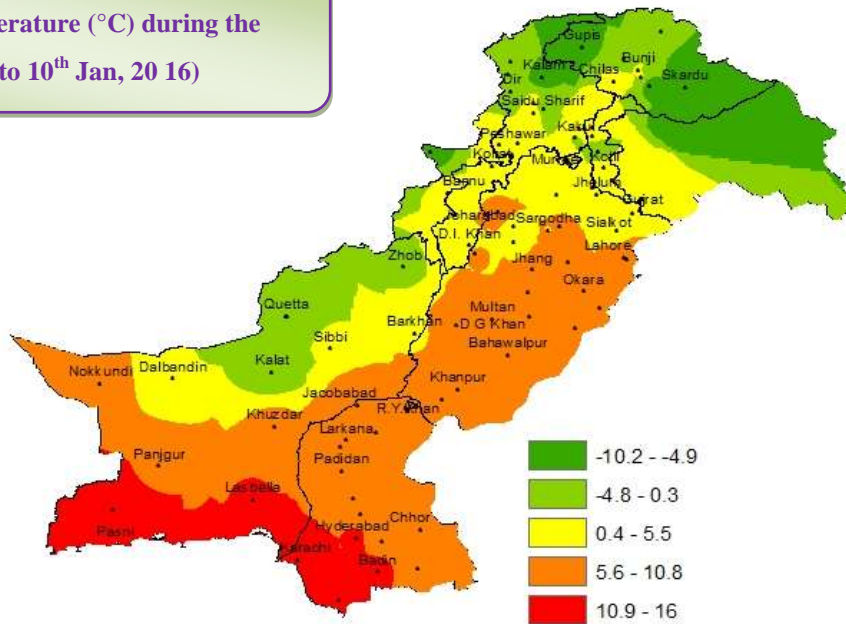
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

Wheat: Good condition at *Tillering* stage.

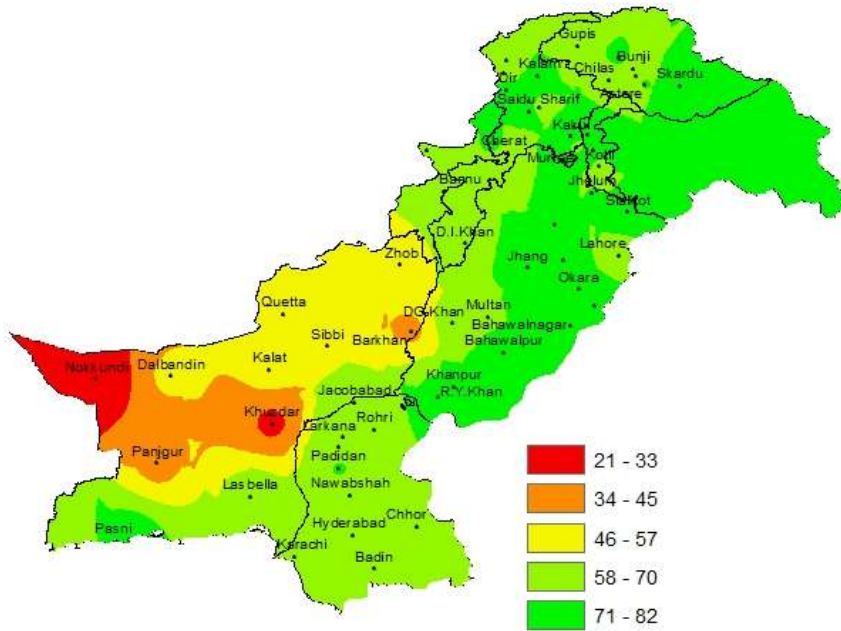
Mean Minimum Temperature (°C) during the Previous week (from 4th to 10th Jan, 20 16)



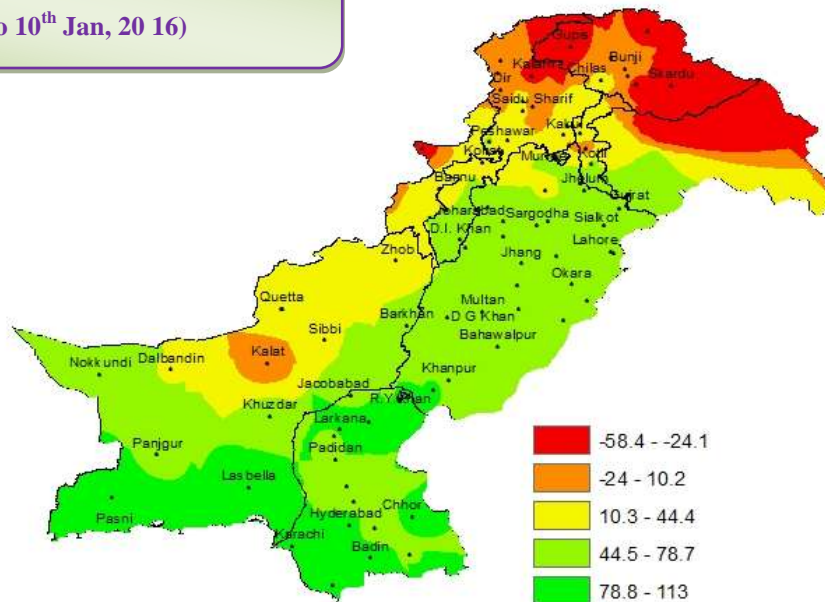
Lowest Minimum Temperature (°C) during the Previous week (from 4th to 10th Jan, 20 16)



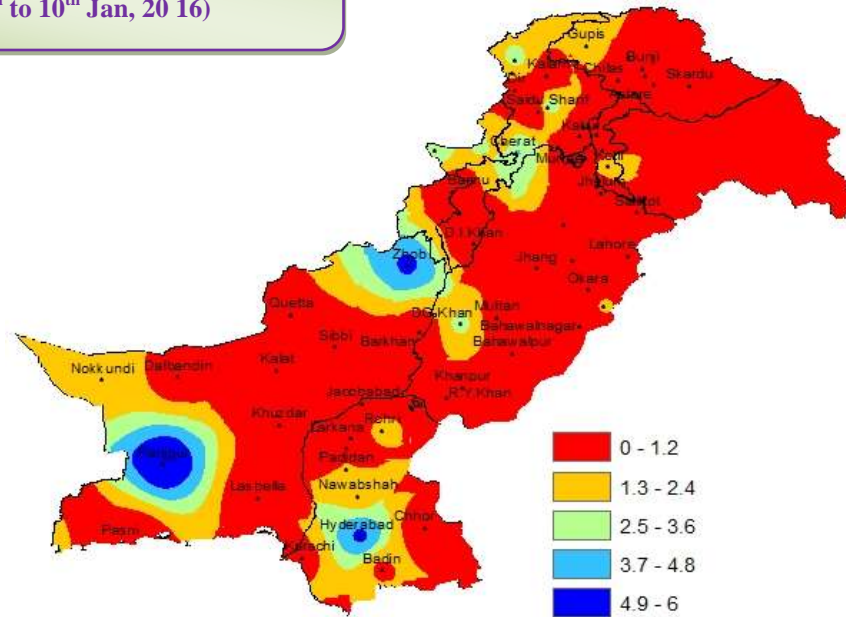
Mean Relative Humidity (%) during the Previous week (from 4th to 10th Jan, 2016)



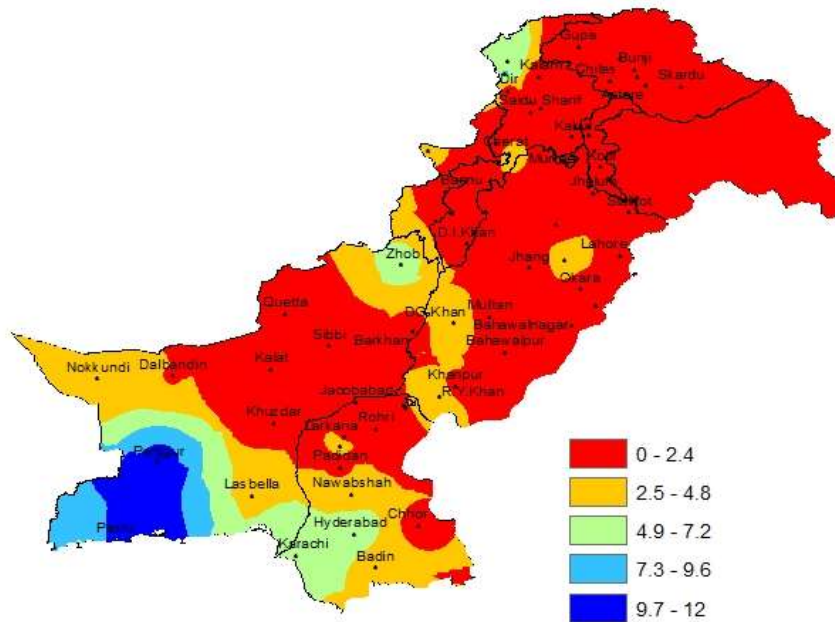
Total Growing Degree Days accumulated during the Previous week (from 4th to 10th Jan, 2016)



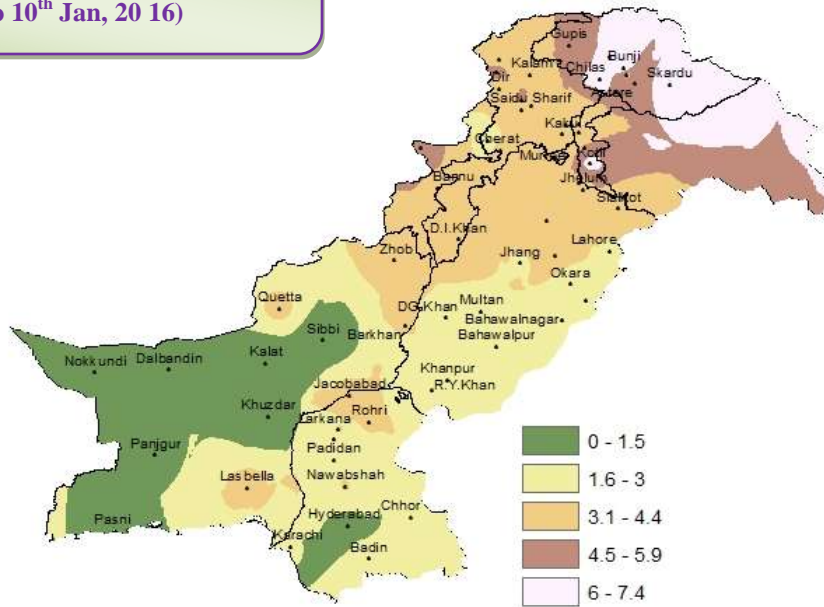
Mean Wind Speed (Knots) at 0800 PST during the Previous week (from 4th to 10th Jan, 20 16)



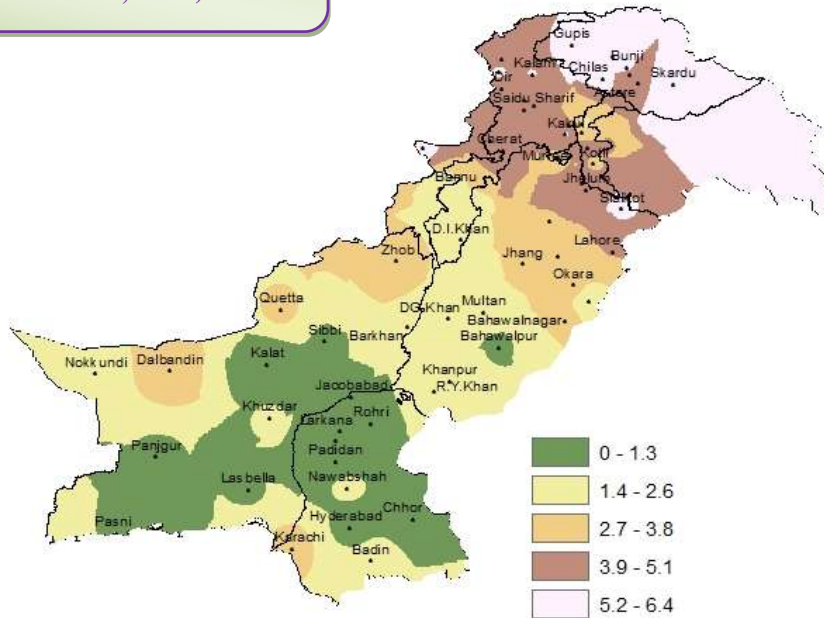
Mean Wind Speed (Knots) at 1700 PST during the Previous week (from 4th to 10th Jan, 20 16)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (from 4th to 10th Jan, 20 16)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (from 4th to 10th Jan, 20 16)



Weekly Weather Advisory for Farmers**(From 11th to 16th Jan, 2016)**

A fresh western disturbance is likely to affect upper parts of the country on Monday & Tuesday.

MONDAY**11-01-2016**

Mainly cold and dry weather is expected in most parts of the country. However partly cloudy to cloudy weather with chances of rain (snowfall over hills) is likely at isolated places in Quetta, Zhob divisions, upper KP (Malakand, Hazara, Peshawar divisions), Islamabad, upper Punjab (Rawalpindi, Sargodha, Gujranwala divisions), FATA, Gilgit-Baltistan and Kashmir. Foggy conditions are likely to prevail over plain areas of Punjab and upper Sindh during night/ morning hours.

TUESDAY**12-01-2016**

Mainly cold and dry weather is expected in most parts of the country. However partly cloudy weather with chances of rain (snowfall over hills) is likely at isolated places in Quetta, Zhob, Malakand, Hazara, Rawalpindi, Gujranwala, Lahore divisions, Islamabad, upper FATA, Gilgit-Baltistan and Kashmir. Foggy conditions are likely to prevail over plain areas of Punjab and upper Sindh during night/ morning hours.

WEDNESDAY**13-01-2016**

Mainly cold and dry weather is expected in most parts of the country. Foggy conditions are likely to prevail over plain areas of Punjab and upper Sindh during night/ morning hours.

THURSDAY**14-01-2016**

Mainly cold and dry weather is expected in most parts of the country. However partly cloudy weather with chances of rain is likely at few places in Makaran, Kallat divisions. Foggy conditions are likely to prevail over plain areas of Punjab and upper Sindh during night/ morning hours.

FRIDAY**15-01-2016**

Mainly cold and dry weather is expected in most parts of the country. Foggy conditions are likely to prevail over plain areas of Punjab and upper Sindh during night/ morning hours

SATURDAY**16-01-2016**

Mainly cold and dry weather is expected in most parts of the country. Foggy conditions are likely to prevail over plain areas of Punjab and upper Sindh during night/ morning hours.

ADVISES FOR CROPS

- ❖ Wheat cultivation has completed in most of the irrigated areas. Farmers of irrigated areas should irrigate the crop as per requirement due to dry weather prevailing in most of the irrigated agricultural plains of the country. Normally first irrigation is given 20-25 days after sowing and 2nd irrigation is given just before heading stage and the 3rd irrigation is given at milk maturity stage.
- ❖ Farmers of barani areas are advised to remove weeds from the fields, so that the present soil moisture may fully be utilized.
- ❖ Removing weeds from the standing crops is very important as weeds utilize moisture and food which may be utilized by the crop. As a result considerable loss in yield occurs every year. However operations against weeds should be started using weedicides or manually when the crop completely covers the fields.
- ❖ Falling leaves from the trees negatively affect standing Rabi crops like wheat and other Rabi crops. Farmers should collect leaves from the crops as early as possible so that crop normal growth may not be disturbed.
- ❖ Farmers of upper areas are advised to protect their crops from the expected frost during clear nights.

National Weather Data of Selected Cities

(Weekly Data from 4th to 10th Jan, 2016)

Stations	Minimum/Night Temperature (°C)		Growing Degree Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800PST	Cloudiness (Oktas) 1700PST	Wind Speed (Knots) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Lowest							
Astore	-5.8	-9.0	-47.5	71	0.0	5.5	5.0	1.0	0.9
Badin	14.2	13.5	97.3	66	0.0	1.8	1.7	1.0	3.0
Bahawalnagar	10.4	10.0	76.6	72	0.0	2.0	2.9	0.0	0.6
Bahawalpur	8.2	7.3	69.4	76	0.0	1.7	1.1	0.0	0.0
Balakot	3.4	2.5	24.1	78	18.4	4.0	3.9	0.5	0.3
Bannu	4.1	3.0	35.1	65	2.6	4.3	1.6	0.0	1.4
Barkhan	5.9	4.5	53.0	43	1.0	3.0	2.4	0.0	1.4
Bunji	3.3	0.6	9.0	57	0.1	7.5	5.6	1.0	0.3
Cherat	3.5	2.5	9.0	60	0.0	3.2	4.0	3.7	3.4
Chhor	9.7	7.8	86.0	66	0.0	1.7	1.0	0.0	1.7
Chilas	3.3	2.5	14.3	58	3.4	6.2	5.3	0.7	1.7
Chitral	0.3	-0.5	-2.4	62	9.6	3.3	4.3	3.0	6.9
D.I.Khan	5.8	4.5	49.5	68	0.0	3.8	2.0	0.0	0.6
Dalbandin	3.0	1.5	42.5	47	0.1	1.0	3.4	0.3	2.3
DG.Khan	10.1	9.4	73.3	63	0.0	2.7	1.3	2.7	4.6
Dir	-1.9	-3.0	-8.5	78	37.0	3.0	4.3	0.0	1.4
Drosh	0.5	0.0	-2.8	60	11.4	5.3	5.4	1.3	7.4
Faisalabad	7.9	6.0	72.8	72	0.1	2.0	2.9	0.3	0.9
Garidopatta	2.7	1.5	24.3	70	16.4	3.7	3.0	0.7	0.0
Gawader	15.3	14.5	100.3	69	0.0	0.7	1.3	0.0	7.1
Gilgit	-1.8	-3.5	-15.0	76	3.6	6.3	6.0	1.0	0.0
Gupis	-6.0	-8.0	-42.3	57	0.0	4.5	5.3	1.7	0.9

Hyderabad	13.3	12.0	93.5	64	0.0	1.0	0.9	5.0	6.9
Islamabad	4.1	2.5	42.7	78	2.5	3.3	3.4	0.0	0.3
Jacobabad	10.7	10.0	73.7	67	0.0	3.3	1.1	0.0	0.3
Jhang	6.8	6.0	62.5	73	0.0	2.8	2.9	0.0	0.0
Jhelum	6.2	4.0	57.3	70	0.1	4.2	4.7	0.7	0.3
Jiwani	16.9	16.0	104.5	58	0.0	2.5	2.3	2.3	7.7
Kakul	1.6	0.0	12.8	74	9.0	3.8	5.3	0.0	0.3
Kalam	-4.9	-8.5	-34.5	77	24.0	4.0	5.1	0.0	0.0
Kalat	-2.8	-4.0	-12.0	50	0.0	0.0	0.0	0.0	0.0
Karachi	14.9	13.5	105.0	65	0.1	1.5	3.1	0.5	7.1
Khanpur	8.5	7.6	73.2	70	0.0	2.8	2.0	0.7	1.7
Khuzdar	8.8	8.0	58.0	30	0.0	0.0	1.4	0.0	1.7
Kotli	6.4	4.7	48.4	67	5.0	6.5	3.6	2.3	1.1
Lahore	9.0	8.0	68.0	66	0.1	2.8	3.9	0.3	1.4
Larkana	12.8	10.5	91.8	64	0.0	3.0	1.0	0.7	2.3
Lasbella	12.6	11.2	101.7	65	0.0	3.3	1.1	0.0	4.6
Lower Dir	2.8	1.0	20.8	79	7.0	4.8	4.6	0.3	2.3
M.B Din	8.2	6.0	65.1	70	0.2	3.7	3.7	1.0	1.4
Malam Jabba	-0.4	-2.0	-12.8	61	18.1	4.0	4.1	3.7	2.0
Mangla	6.2	3.9	53.4	69	0.1	4.0	5.0	0.0	0.9
Mir Khani	2.1	1.0	3.9	65	8.2	4.0	4.3	0.0	0.4
Moinjodaro	9.7	8.0	71.6	60	0.1	2.5	0.9	0.3	2.6
Multan	8.7	7.8	67.4	68	0.0	2.7	1.7	0.7	1.1
Murree	1.8	0.0	8.2	68	4.5	3.7	4.1	0.7	1.4
Muzaffarabad	4.5	3.2	27.7	67	24.0	4.3	4.6	0.0	0.0
Nawabshah	8.8	7.0	72.0	66	0.0	3.0	1.4	1.8	4.0

Nokkundi	8.7	8.0	65.0	21	0.0	0.5	2.0	1.7	3.1
Okara	8.1	7.3	65.8	72	0.0	2.0	3.0	0.3	1.4
Padidan	11.0	9.5	78.3	71	0.0	2.7	1.0	1.3	2.0
Panjgur	9.5	9.0	66.3	41	0.0	1.2	1.0	6.0	10.3
Parachinar	-7.4	-10.2	-40.1	65	24.3	5.0	5.7	3.0	3.0
Pasni	14.7	13.0	100.5	78	0.0	1.3	0.7	0.0	12.0
Pattan	6.5	5.0	34.8	79	28.0	2.5	1.7	0.0	0.3
Peshawar	6.2	3.0	47.5	73	5.1	2.7	4.4	2.0	0.6
Quetta	2.2	0.2	26.7	45	3.0	2.6	3.3	1.8	2.4
R.Y.Khan	10.2	8.0	80.5	74	0.0	2.0	1.6	0.7	3.7
Rawalakot	-0.6	-3.5	0.5	80	14.2	4.5	4.6	0.0	0.6
Rawalpindi	5.9	4.8	55.1	77	0.2	3.1	3.9	0.0	0.5
Sahiwal	7.7	6.8	62.4	74	0.0	1.5	1.9	1.3	0.6
Saidu Sharif	3.7	1.7	15.5	75	9.5	3.5	4.6	0.0	0.0
Sialkot	6.8	5.3	56.6	75	1.1	3.3	5.3	0.0	0.0
Sibbi	2.1	1.5	40.8	53	0.0	0.0	1.1	0.0	0.0
Skardu	-6.5	-9.7	-58.4	82	0.0	7.2	6.4	0.0	0.0
Tandojam	11.5	9.5	98.8	68	0.0	2.3	1.3	0.6	0.9
Usta.M	10.1	8.5	86.8	67	0.0	2.4	2.0	0.9	1.1
Zhob	0.4	-2.0	11.0	46	2.0	3.7	3.4	5.0	5.6

*** Shows that data was not available.