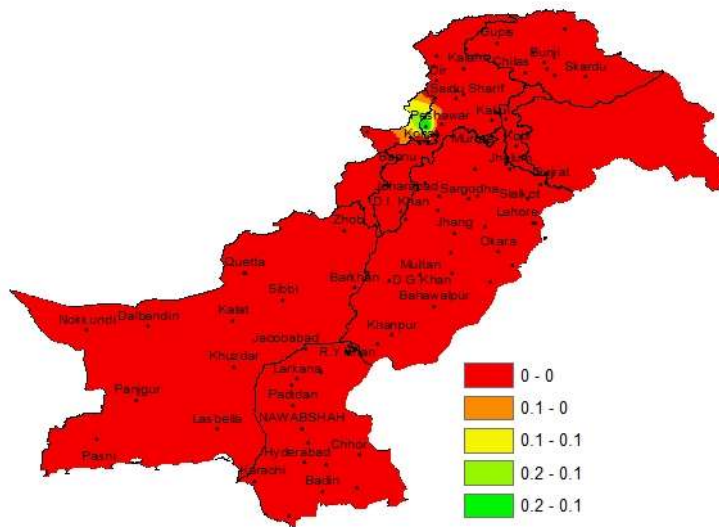


Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the
Previous Week (from 1st to 7th Feb, 20 16)**

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Highlights of Past Weather (from 1st to 7th Feb., 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:

- Dry weather was reported from the agriculture plane of the country except (Peshawar =0.1mm) where Light rainfall reported .

Patron-in-Chief: Dr. Ghulam Rasul (Director General)

Chief Editor: Ch. Muhammad Aslam (Director)

Editor: Asma Jawad Hashmi (Deputy Director)

Past Weather of Provinces (from 1st to 7th Feb,**2016)****Punjab**

Dry weather was reported in Punjab during the week. Weekly maximum and minimum temperatures recorded 23.2°C & 5.8°C respectively. For the present season average 66.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 61% and wind speed in the morning/evening recorded 0.2/1.6Knots. During the previous week the lowest minimum temperature recorded -1.8°C at Murree.

Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 27.0°C & 9.0°C respectively. For the present season average 91.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 52% and wind speed in the morning/evening recorded 1.0/2.4Knots. During the previous week the lowest minimum temperature recorded 3.2°C at Mithi.

Khyber Pakhtunkhwa

Light to rainfall reported only at a single station i.e. (Peshawar=0.1mm) in Khyber Pakhtunkhwa province during the week. Weekly maximum and minimum temperatures recorded 17.5°C & 1.9°C respectively. For the present season average 32.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 53% and wind speed in the morning/evening recorded 1.9/2.2Knots. During the previous week lowest minimum temperature recorded -8.7°C at Kalam.

Balochistan

Dry weather was reported in Baluchistan during the week. Weekly maximum and minimum temperatures recorded 21.7°C & 5.3°C respectively. For the present season average 65.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 39% and wind speed in the morning/evening recorded 2.8/4.0Knots. During the previous week the lowest minimum temperature recorded -4.0°C at Samungli.

Gilgit-Baltistan and Azad Jammu & Kashmir

Dry weather was reported in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 13.9°C & 0.3°C respectively. For the present season average 17.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 51% and wind speed in the morning/evening recorded 1.3/1.3Knots. . During the previous week lowest minimum temperature recorded -6.4°C at Skardu.

Past Weather for Major Agricultural Plains (from 1st to 7th Feb, 2016)

Rawalpindi (Potohar region)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.7/2.0Oktas while, average relative humidity observed 67%. Mean night time temperature recorded 5.8°C & for the present season 57.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.9Knots.

Faisalabad (Central Punjab)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.1/0.9Oktas while, average relative humidity observed as 61%. Mean night time temperature recorded 6.0°C & for the present season 67.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.1Knots.

Tandojam (Lower Sindh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed as 49%. Mean night time temperature recorded 8.1°C & for the present season 87.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/0.9Knots.

Quetta (Northern Baluchistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.7/1.1Oktas while, average relative humidity observed as 39%. Mean night time temperature recorded -3.6°C by the end of last week. Wind speed recorded in the morning/evening as 1.2/3.6Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/1Oktas while, average relative humidity observed as 61%. Mean night time temperature recorded 6.2°C & for the present season 74.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/1.4Knots.

Past Weather for Sub-Regional Agricultural Plains (from 1st to 7th Feb, 20 16)

Multan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/1.0Oktas while, average relative humidity observed as 59%. Mean night time temperature recorded 7.1°C & for the present season 73.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/4.0Knots.

Lahore

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.1/0.2Oktas while, average relative humidity observed as 61%. Mean night time temperature recorded 7.0°C & for the present season 71.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.4Knots.

Zhob

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.8Oktas while, average relative humidity observed as 36%. Mean night time temperature recorded 0.0°C & for the present season 23.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/5.0Knots.

D.I. Khan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/0.6Oktas while, average relative humidity observed as 60%. Mean night time temperature recorded 4.1°C & for the present season 66.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.6Knots.

Peshawar

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.9/1.2Oktas while, average relative humidity observed as 56%. Mean night time temperature recorded 4.3°C & for the present season 61.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.8Knots.

Murree

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.0/1.2Oktas while, average relative humidity observed as 54%. Mean night time temperature recorded -0.7°C & for the present season 5.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 1.9/1.6Knots.

Kalam

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.1/2.8Oktas while, average relative humidity observed as 60%. Mean night time temperature recorded -4.7°C by the end of last week. Wind speed recorded in the morning/evening 0.0/0.0Knots.

Gilgit

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 4.0/4.4Oktas while, average relative humidity observed as 51%. Mean night time temperature recorded -2.2°C & for the present season 9.8 growing degree days accumulated by the

end of last week. Wind speed recorded in the morning/evening as 1.7/0.0Knots.

Skardu

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 4.3/4.4Oktas while, average relative humidity observed as 63%. Mean night time temperature recorded -4.0°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 *Tillering* stage.

Central Punjab (Faisalabad)

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

Wheat: Very Good condition at *Shooting* stage Completed.

Lower Sindh (Tandojam)

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

Wheat: Good condition at *Heading* stage.

Northern Balochistan (Quetta)

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

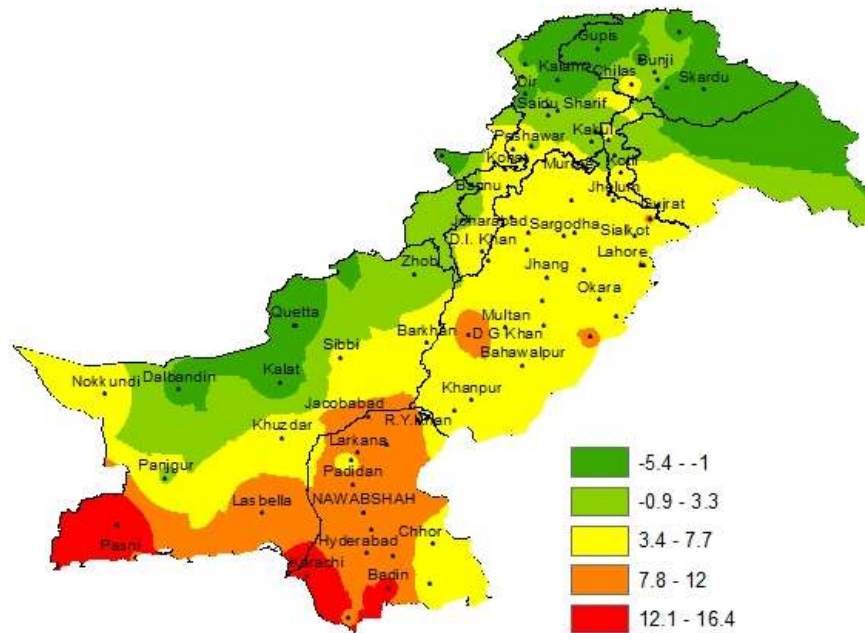
Wheat: Good condition at *Third Leaf* stage.

Eastern Balochistan (Usta Muhammad)

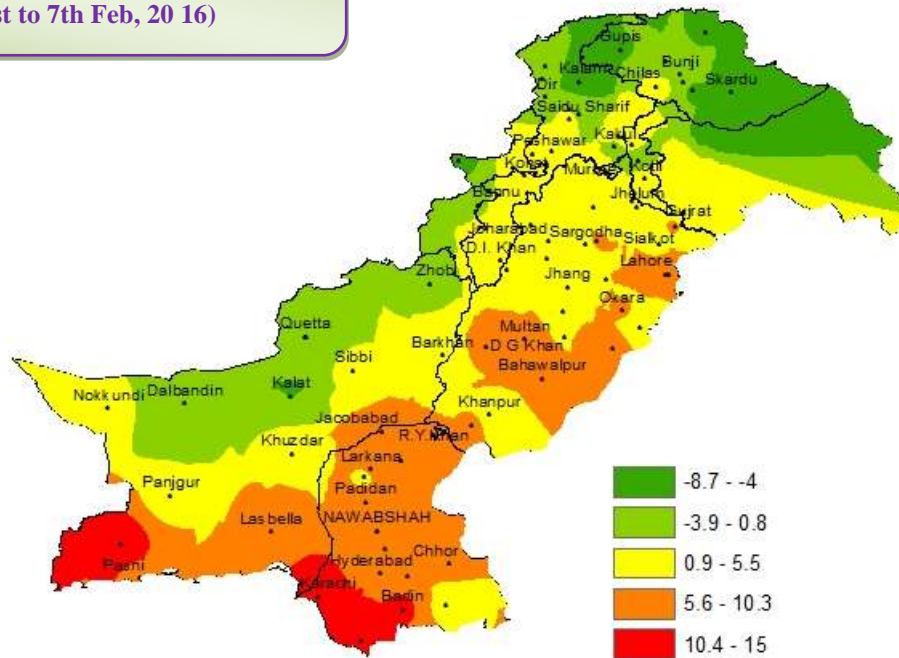
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

Wheat: Good condition at *Shooting* stage.

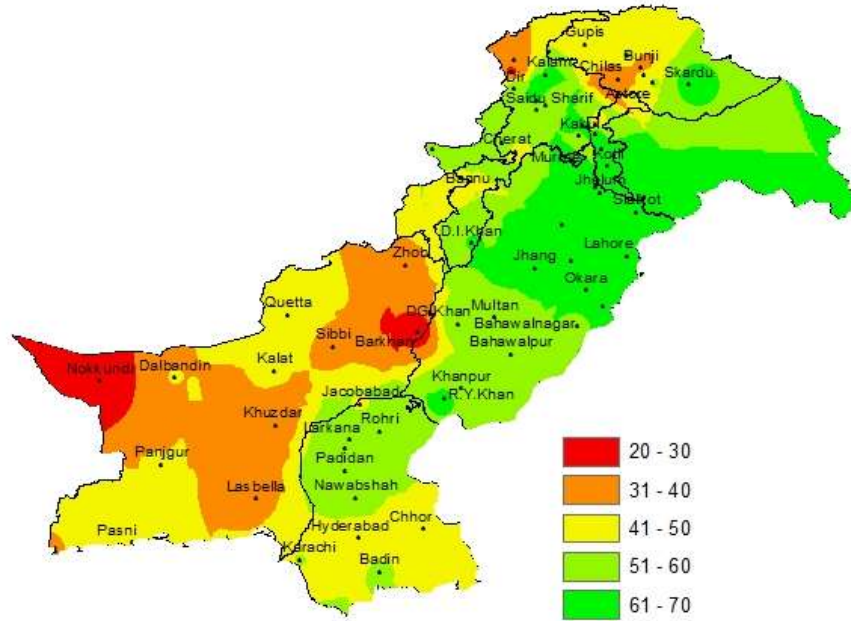
Mean Minimum Temperature (°C) during the Previous week (from 1st to 7th Feb, 20 16)



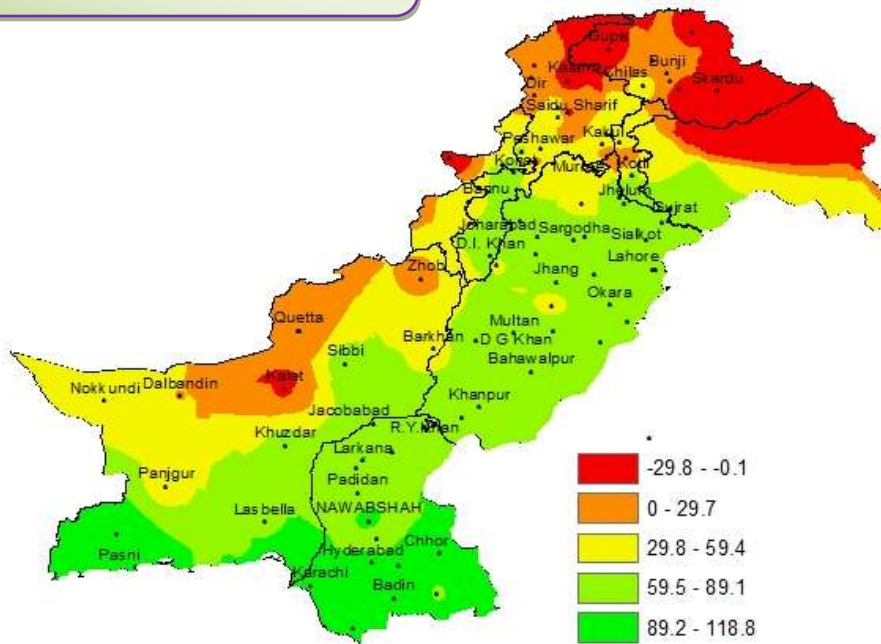
Lowest Minimum Temperature (°C) during the Previous week (from 1st to 7th Feb, 2016)



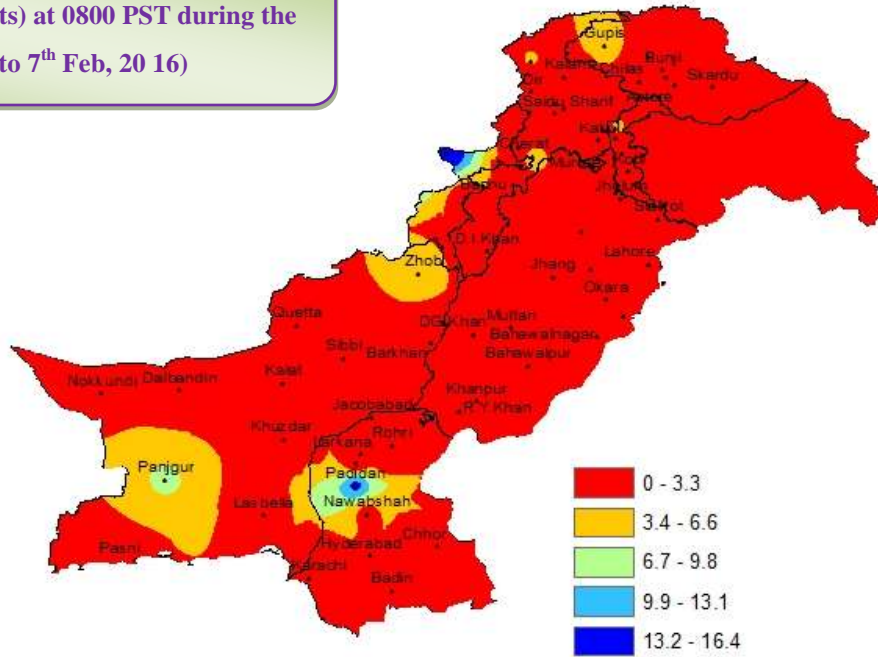
Mean Relative Humidity (%) during the Previous week (from 1st to 7th Feb, 20 16)



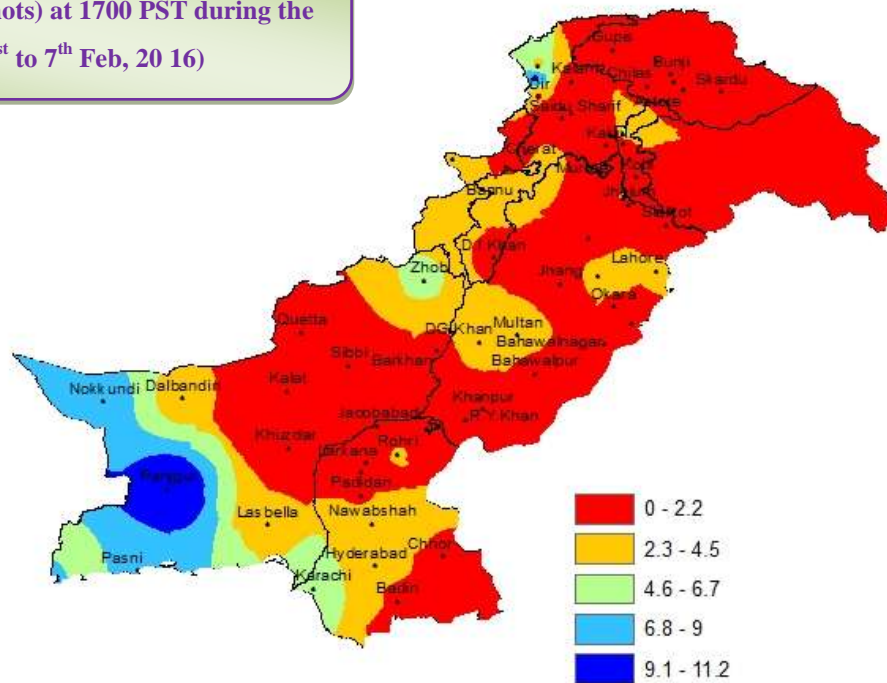
Total Growing Degree Days accumulated during the Previous week (from 1st to 7th Feb, 20 16)



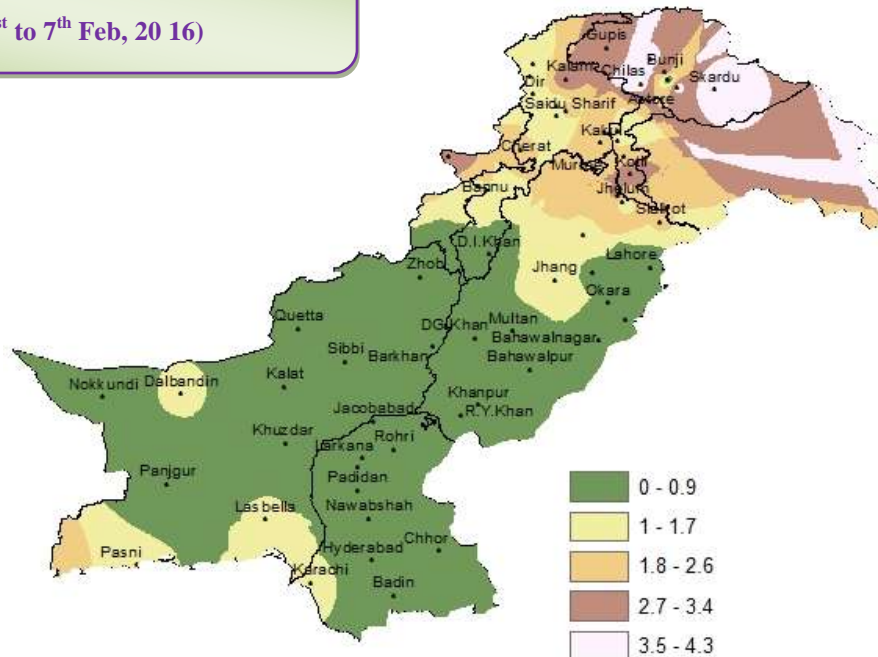
Mean Wind Speed (Knots) at 0800 PST during the Previous week (from 1st to 7th Feb, 20 16)



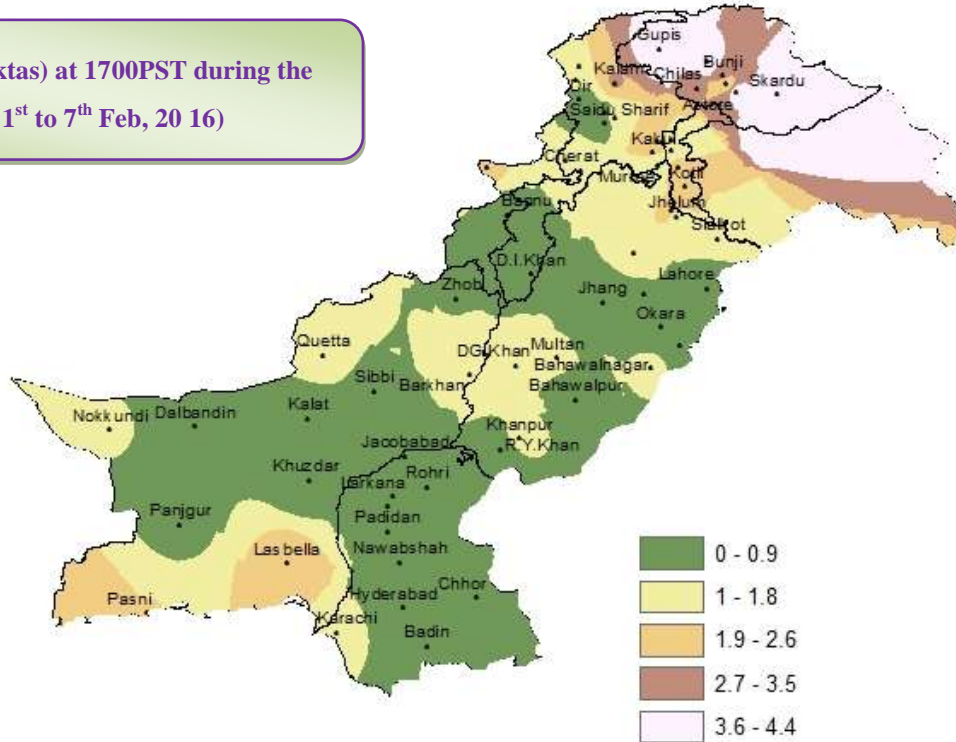
Mean Wind Speed (Knots) at 1700 PST during the Previous week (from 1st to 7th Feb, 20 16)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (from 1st to 7th Feb, 20 16)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (from 1st to 7th Feb, 20 16)



Weekly Weather Advisory for Farmers**(From 8th to 13th Feb, 2016)**

Continental air is prevailing over most parts of the country. A westerly wave is likely to enter upper parts of the country on Tuesday night and persists during next 2 to 3 days.

MONDAY**08-02-2016**

Mainly cold and dry weather is expected in most parts of the country.

TUESDAY**09-02-2016**

Mainly cold and dry weather is expected in most parts of the country. However, rain (with snowfall over the hills) is likely at isolated places in Malakand division and Gilgit-Baltistan during night.

WEDNESDAY**10-02-2016**

Rain (with snowfall over the hills) is expected at scattered places in KP, FATA, upper Punjab, Gilgit-Baltistan and Kashmir while at isolated places in Zhob division. Cold and dry weather is expected elsewhere in the country.

THURSDAY**11-02-2016**

Rain (with snowfall over the hills) is expected at scattered places in upper KP, upper FATA, upper Punjab, Gilgit-Baltistan and Kashmir. Cold and dry weather is expected elsewhere in the country.

F FRIDAY**12-02-2016**

Mainly cold and dry weather is expected in most parts of the country, However Rain (with snowfall over the hills) is expected at few places in Malakand, Hazara divisions, Gilgit-Baltistan and Kashmir.

SATURDAY**13-02-2016**

Mainly cold and dry weather is expected in most parts of the country.

ADVISES FOR CROPS

- ❖ Farmers of irrigated areas should irrigate the crop as per requirement keeping expected weather in mind. 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.
- ❖ 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 1st to 7th Feb, 20 16)**

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	-4.5	-6.0	-26.3	51	0.0	3.9	4.4	1.1	1.6
Badin	12.8	11.5	107.2	51	0.0	0.3	0.0	0.9	2.0
Bahawalnagar	7.9	7.0	77.6	59	0.0	0.3	1.2	0.0	0.0
Bahawalpur	6.7	6.0	76.1	54	0.0	0.0	0.4	0.0	0.8
Balakot	2.8	1.6	35.7	65	0.0	2.6	2.4	0.0	0.4
Bannu	2.0	0.5	54.4	46	0.0	1.1	0.0	1.1	2.8
Barkhan	4.3	3.0	50.6	24	0.0	0.4	1.6	0.6	1.6
Bunji	2.1	0.6	24.5	29	0.0	3.4	3.4	0.0	0.6
Cherat	4.1	3.5	26.2	48	0.0	1.7	1.4	4.3	4.0
Chhor	7.3	6.5	94.0	44	0.0	0.3	0.0	1.4	2.0
Chilas	4.3	2.5	36.0	33	0.0	3.7	2.8	0.3	1.2
Chitral	-1.4	-2.5	3.2	36	0.0	0.9	1.8	4.0	4.0
D.I.Khan	4.1	3.5	66.8	60	0.0	0.4	0.6	0.3	1.6
Dalbandin	-1.6	-3.5	29.5	40	0.0	1.0	0.3	1.1	3.0
DG.Khan	8.6	7.0	79.3	58	0.0	0.3	1.2	0.9	3.2
Dir	-2.8	-3.5	17.7	58	0.0	1.4	0.6	0.0	2.0
Drosh	1.1	-0.3	18.2	27	0.0	1.6	1.0	0.0	9.6
Faisalabad	6.0	5.0	67.7	61	0.0	1.1	0.9	0.0	1.1
Garidopatta	3.3	2.0	44.5	70	0.0	1.6	1.0	0.0	0.0
Gawader	12.3	10.0	103.1	48	0.0	1.7	1.8	0.0	6.4
Gilgit	-2.2	-4.0	9.8	51	0.0	4.0	4.4	1.7	0.0
Gupis	-3.8	-4.5	-14.1	43	0.0	2.9	4.4	4.6	1.2

Hyderabad	10.4	9.5	94.7	43	0.0	0.0	0.0	2.0	2.8
Islamabad	4.6	3.0	53.9	67	0.0	2.6	1.2	0.6	0.4
Jacobabad	8.0	6.5	81.7	49	0.0	0.6	0.0	0.6	0.0
Jhang	5.5	4.5	69.4	60	0.0	1.6	0.0	0.0	0.4
Jhelum	6.0	5.0	79.7	61	0.0	1.2	1.6	0.0	1.2
Jiwani	16.5	15.0	115.2	37	0.0	2.1	2.2	2.0	6.8
Kakul	2.1	0.3	38.8	58	0.0	2.3	1.8	0.0	1.2
Kalam	-4.7	-8.7	-7.9	60	0.0	3.1	2.8	0.0	0.0
Kalat	-2.7	-4.0	-3.1	41	0.0	0.0	0.0	0.0	0.0
Karachi	13.6	12.5	112.8	50	0.0	1.3	1.6	1.4	6.4
Khanpur	5.7	4.6	76.4	56	0.0	0.0	1.4	0.0	0.8
Khuzdar	6.4	4.5	67.6	35	0.0	0.0	0.0	0.0	0.0
Kotli	6.4	5.3	63.3	61	0.0	3.0	1.8	1.1	1.6
Lahore	7.0	5.5	71.6	61	0.0	0.1	0.2	0.0	2.4
Larkana	9.9	7.5	90.8	59	0.0	0.3	0.8	0.6	1.2
Lasbella	9.1	8.0	88.2	37	0.0	1.0	2.5	1.7	3.5
Lower Dir	1.4	0.5	38.0	65	0.0	1.3	0.6	0.0	2.0
M.B Din	7.3	6.0	71.1	66	0.0	1.6	1.4	0.0	1.2
Malam Jabba	-0.2	-2.0	-8.6	54	0.0	2.1	1.6	2.6	0.0
Mangla	5.1	3.9	62.3	64	0.0	3.0	2.0	0.0	2.4
Mir Khani	0.5	-1.0	19.0	49	0.0	0.0	1.4	0.0	2.0
Moinjodaro	6.5	4.5	68.2	57	0.0	0.0	0.0	0.9	2.0
Multan	7.1	6.0	73.5	59	0.0	0.6	1.0	0.0	4.0
Murree	-0.7	-1.8	5.8	54	0.0	2.0	1.2	1.9	1.6
Muzaffarabad	3.6	2.2	43.0	64	0.0	2.4	2.8	0.0	0.0
Nawabshah	9.8	6.5	93.2	55	0.0	0.0	0.4	2.0	3.6

Nokkundi	4.9	2.0	56.9	20	0.0	0.4	1.0	2.4	7.6
Okara	6.9	5.9	73.6	60	0.0	0.9	0.4	0.0	2.0
Padidan	8.1	6.5	83.4	58	0.0	0.9	0.8	14.1	2.0
Panjgur	3.1	2.0	47.8	40	0.0	0.0	0.4	6.9	11.2
Parachinar	-5.4	-6.0	-29.9	55	0.0	3.4	2.2	16.4	3.0
Pasni	11.9	8.5	101.5	45	0.0	1.0	1.8	2.3	7.2
Peshawar	4.3	3.0	61.9	56	0.1	1.9	1.2	0.3	0.8
Quetta	-3.6	-5.2	-2.2	39	0.0	0.7	1.1	1.2	3.6
R.Y.Khan	7.1	6.0	83.5	61	0.0	0.0	0.0	0.0	0.4
Rawalakot	-0.9	-2.8	13.3	63	0.0	2.4	2.4	0.0	1.6
Rawalpindi	5.8	4.5	57.2	67	0.0	2.7	2.0	0.0	0.9
Sahiwal	5.3	3.0	64.7	63	0.0	0.7	0.0	0.0	2.0
Saidu Sharif	3.6	3.0	40.5	52	0.0	0.9	0.6	0.0	0.0
Sialkot	8.6	6.3	71.2	67	0.0	1.9	1.2	0.0	1.2
Sibbi	4.1	3.0	76.7	37	0.0	0.0	0.4	0.0	0.0
Skardu	-4.0	-6.4	-21.3	63	0.0	4.3	4.4	0.0	0.0
Tandojam	8.1	7.5	87.0	49	0.0	0.0	0.0	1.1	0.9
Usta.M	6.2	4.5	74.7	61	0.0	0.6	1.0	1.7	1.4
Zhob	0.0	-1.5	23.9	36	0.0	0.0	0.8	5.0	5.0

*** Shows that data was not available.