

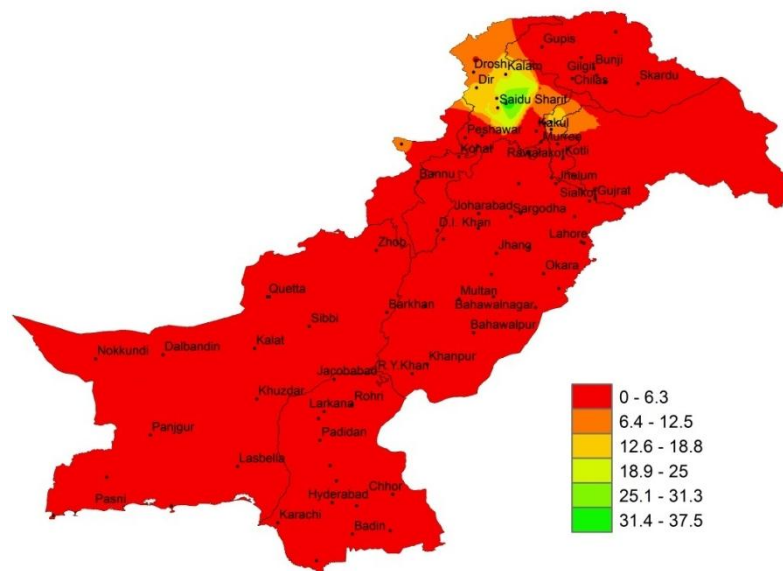
Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the
Previous Week (From 9th to 15th February, 2015)**



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Chief Editor: Dr. Khalid Mahmood Malik (Director)
Editor: Khalida Noureen (Meteorologist)

Highlights of Past Weather (From 9th to 15th February, 2015)

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 was reported at many places in Khyber Pakhtunkhwa.
- Light rainfall was reported at many places in Punjab and Gilgit-Baltistan & Kashmir regions.
- Dry weather was reported in Sindh and Balochistan.

Past Weather of Provinces (From 9th to 15th February, 2015)

Punjab

Light rainfall was reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 24.9°C & 7.9°C respectively. For the present season average 79.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 62% and wind speed in the morning/evening 0.4/1.6Knots. During the previous week the highest amount of rainfall was recorded 7.0mm at Kasur & lowest minimum temperature was recorded – 1.5°C at Murree.

Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 28.9°C & 12.9°C respectively. For the present season average 109.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 61% and wind speed in the morning/evening recorded 2.0/3.9Knots. During the previous week the lowest minimum temperature was recorded 8.0°C at Mithi.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light rainfall was reported at many places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 16.9°C & 0.5°C respectively. For the present season average 32.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 0.8/1.2Knots. During the previous week the highest amount of rainfall was recorded 6.0mm at Garidopatta & lowest minimum recorded -7.5°C at Astore.

Balochistan

Dry weather was reported in Balochistan during the week. Weekly maximum and minimum temperatures recorded 25.1°C & 9.3°C respectively. For the present season average 95.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 1.5/4.2Knots. During the previous week the lowest minimum temperature recorded –4.0°C at Kalat.

Khyber Pakhtunkhwa

Light to moderate rainfall was reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 19.3°C & 2.8°C respectively. For the present season average 47.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 52% and wind speed in the morning/evening recorded 1.0/2.8Knots. During the previous week the highest amount of rainfall was recorded 38.0mm at Malam Jabba & lowest minimum temperature recorded -9.5°C at Parachinar.

**Past Weather for Major Agricultural Plains
(From 9th to 15th February, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 0.8/1.4Oktas while, average relative humidity observed 54%.Mean night time temperature recorded 6.7°C &for the present season 73.8 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 1.0/2.3Oktas while average relative humidity observed as 55%.Mean night time temperature recorded 7.4°C &for the present season 77.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.7Knots.

Quetta (Northern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.6/3.7Oktas while, average relative humidity observed as 34%.Mean night time temperature recorded 4.7°C for the present season 52.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.5/3.0Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/0.3Oktas while, average relative humidity observed as 66%.Mean night time temperature recorded 10.9°C&for the present season 98.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.1Knots.

Tandojam (Lower Singh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/0.3 Oktas while average relative humidity observed as 66%.Mean night time temperature recorded 12.5°C &for the present season 112.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.9/0.9Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 9th to 15th February, 2015)****Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.6/2.9Oktas while, average relative humidity observed as 53%.Mean night time temperature recorded 9.1°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 0.9/2.9Knots.

Rohri

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/0.3Oktas while, average relative humidity observed as 59%.Mean night time temperature recorded 13.9°C&for the present season 113.8growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.7Knots.

Lahore

Rainfall reported as 2.0mm during the week; however cloudiness in the morning/evening recorded 3.0/2.1Oktas while, average relative humidity observed as 59%.Mean night time temperature recorded 9.6°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 0.0/2.6Knots.

Zhob

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.92/3.0 Oktas while, average relative humidity observed as 45%. Mean night time temperature recorded 3.6°C & for the present season 51.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/6.1 Knots.

D.I. Khan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/2.0 Oktas while, average relative humidity observed as 65%. Mean night time temperature recorded 7.0°C & for the present season 77.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/1.7 Knots.

Peshawar

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/3.4 Oktas while, average relative humidity observed as 55%. Mean night time temperature recorded 7.4°C & for the present season 79.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.2 Knots.

Murree

Rainfall reported as 2.0mm during the week; however cloudiness in the morning/evening recorded 1.6/2.3 Oktas while, average relative humidity observed as 41%. Mean night time temperature recorded 2.0°C & for the present season 28.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/0.6 Knots.

Kalam

Rainfall reported as 18.0mm during the week; however cloudiness in the morning/evening recorded 3.4/3.6 Oktas while, average relative humidity observed as 58%. Mean night time temperature recorded -4.1°C by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0 Knots.

Gilgit

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.4/4.6 Oktas while, average relative humidity observed as 55%. Mean night time temperature recorded -1.4°C & for the present season 20.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/0.3 Knots.

Skardu

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.7/4.3 Oktas while, average relative humidity observed as 57%. Mean night time temperature recorded -4.8°C by the end of last week. Wind speed recorded in the morning/evening 0.0/0.0 Knots.

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

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

Wheat Chakwal 97: Poor condition at *Nine Leaf* stage.

Central Punjab (Faisalabad)

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

Wheat: Good condition at *Shooting* completed.

Lower Sindh (Tandojam)

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

Wheat TJ 83: Good condition at *Flowering* stage.

Northern Balochistan (Quetta)

There is presently one crop in the fields of RAMC Quetta.

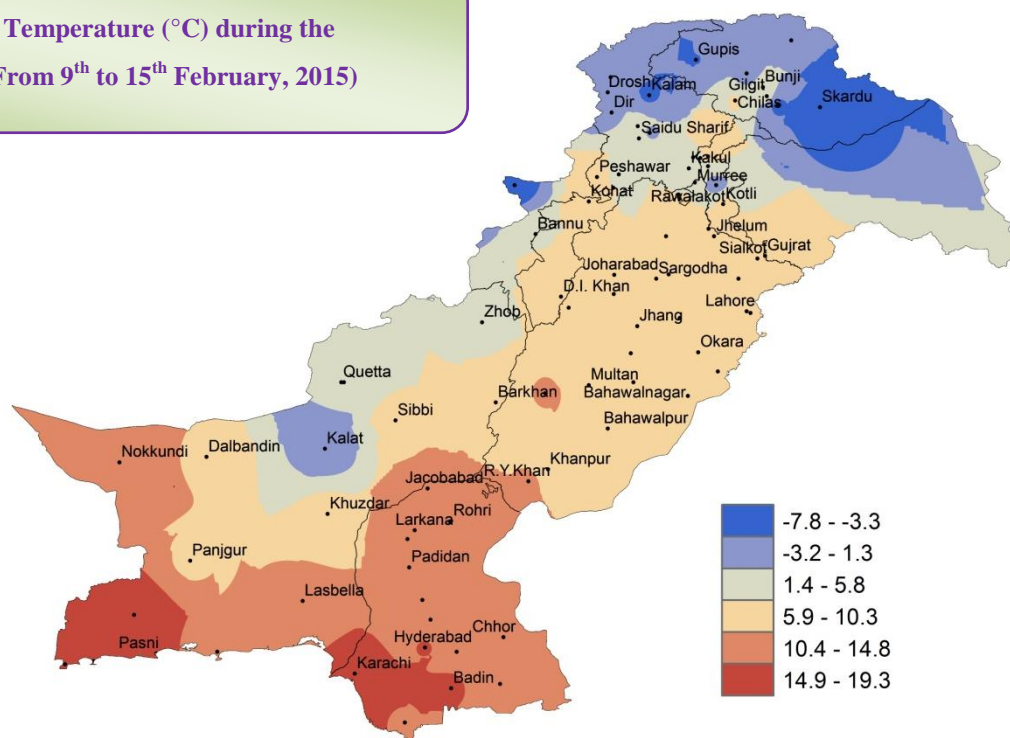
Wheat: Good condition at *Tillering* stage.

Eastern Balochistan (Usta Muhammad)

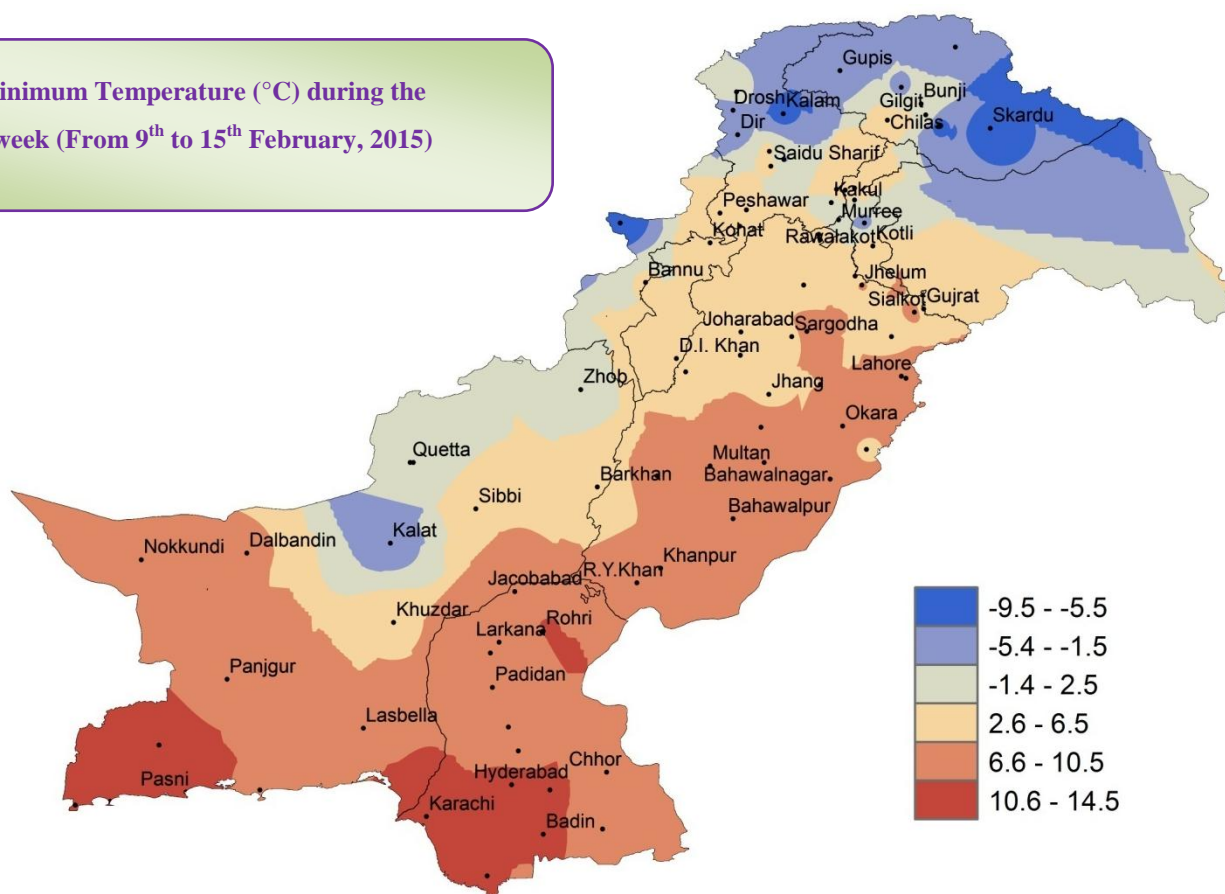
There is presently one crop grown in the fields of RAMC Usta Muhammad.

Wheat: Good condition at *Heading* stage.

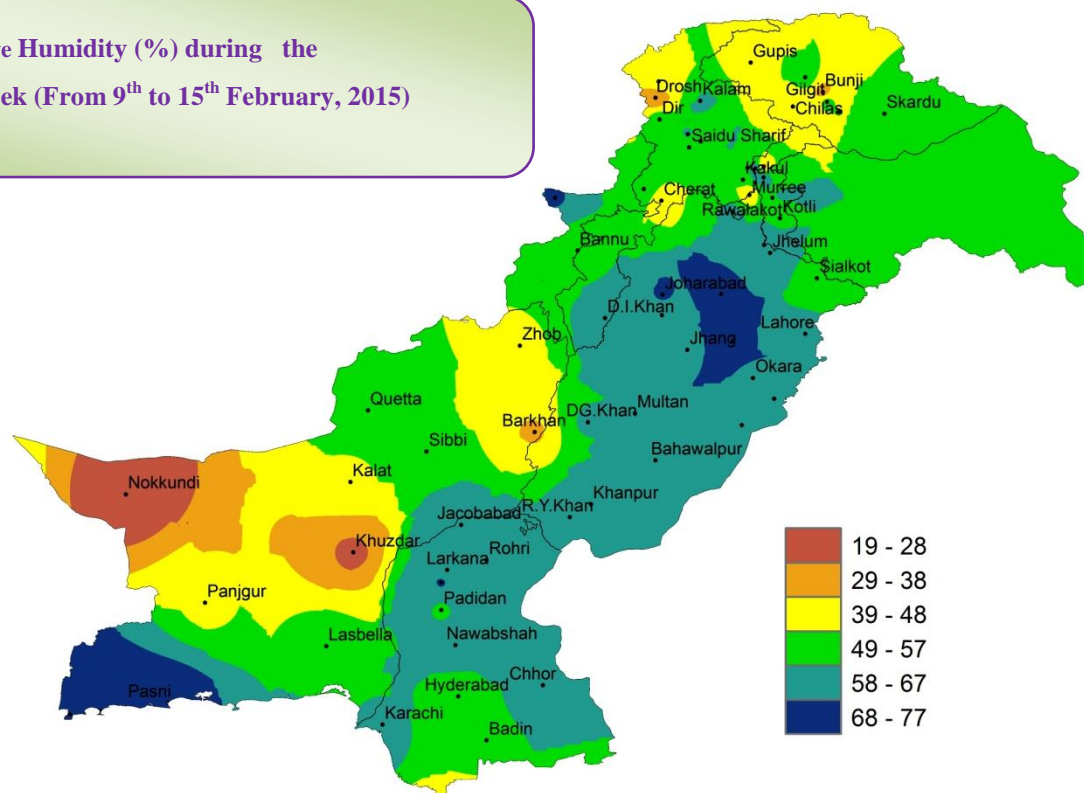
Mean Minimum Temperature (°C) during the
Previous week (From 9th to 15th February, 2015)



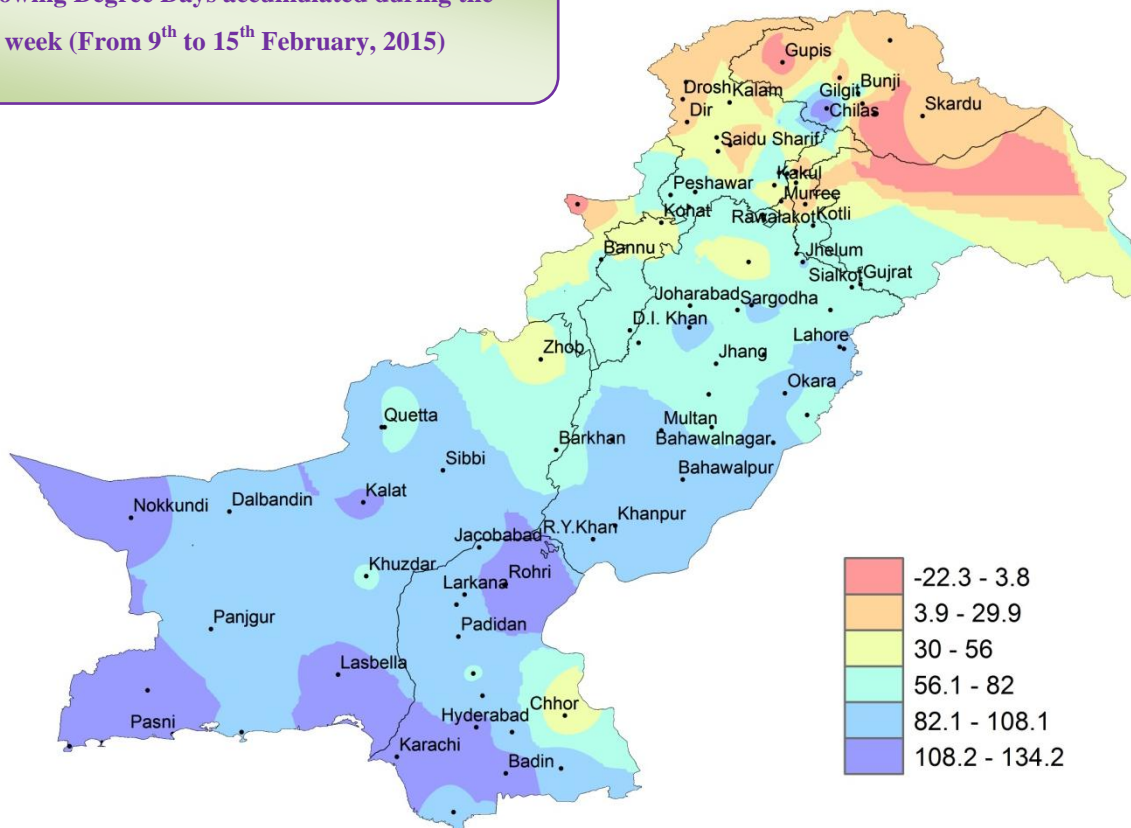
Lowest Minimum Temperature (°C) during the
Previous week (From 9th to 15th February, 2015)



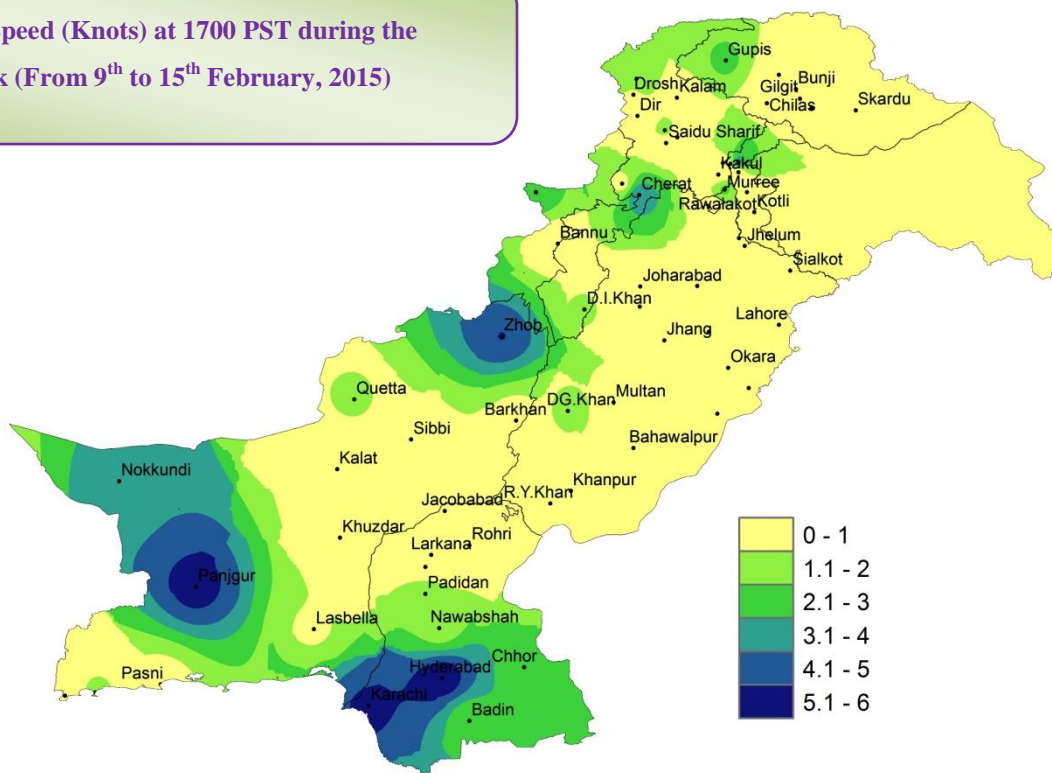
Mean Relative Humidity (%) during the
Previous week (From 9th to 15th February, 2015)



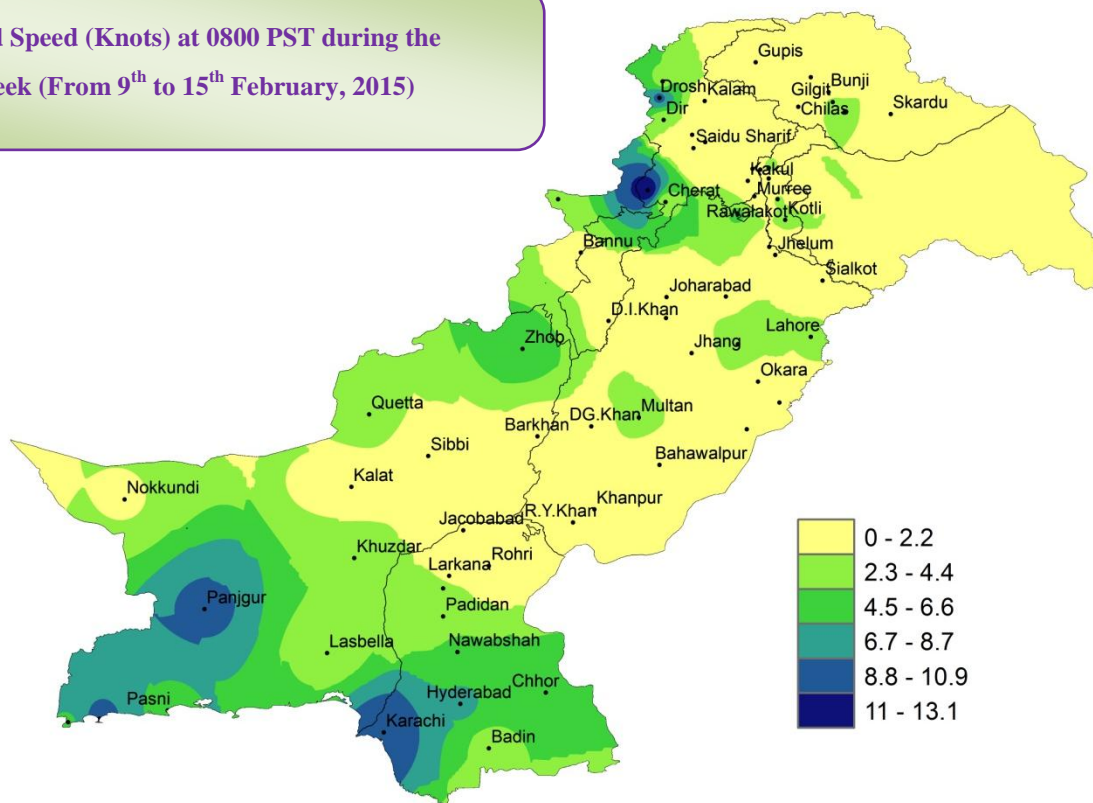
Total Growing Degree Days accumulated during the
Previous week (From 9th to 15th February, 2015)



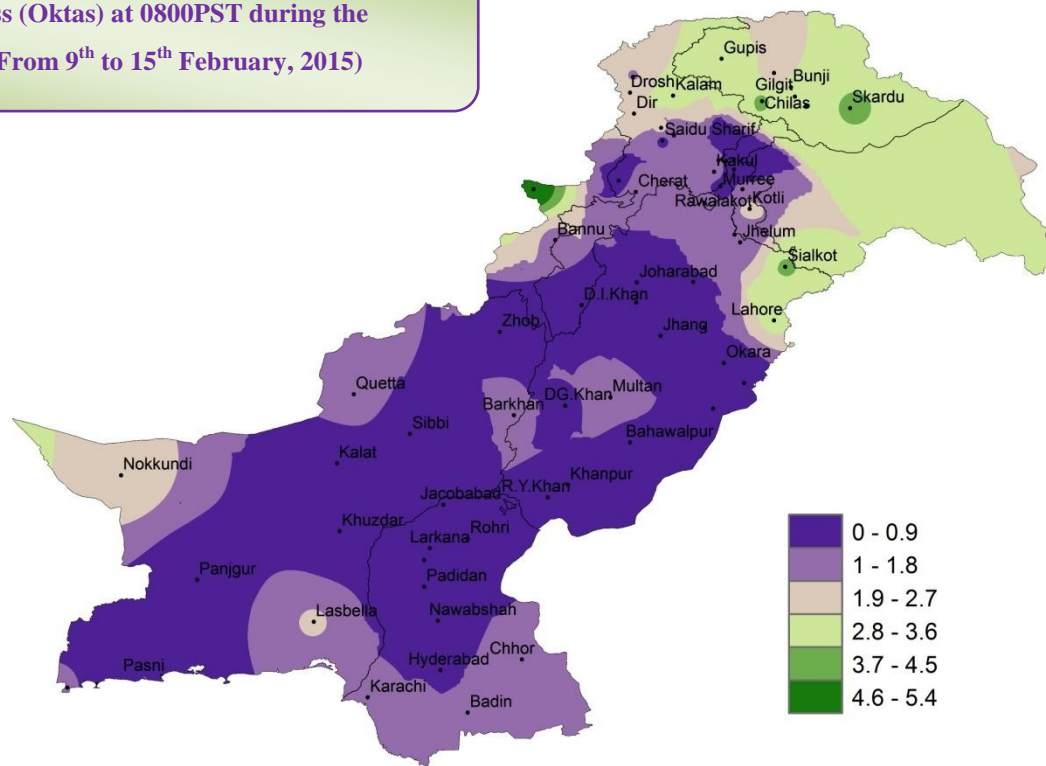
Mean Wind Speed (Knots) at 1700 PST during the
Previous week (From 9th to 15th February, 2015)



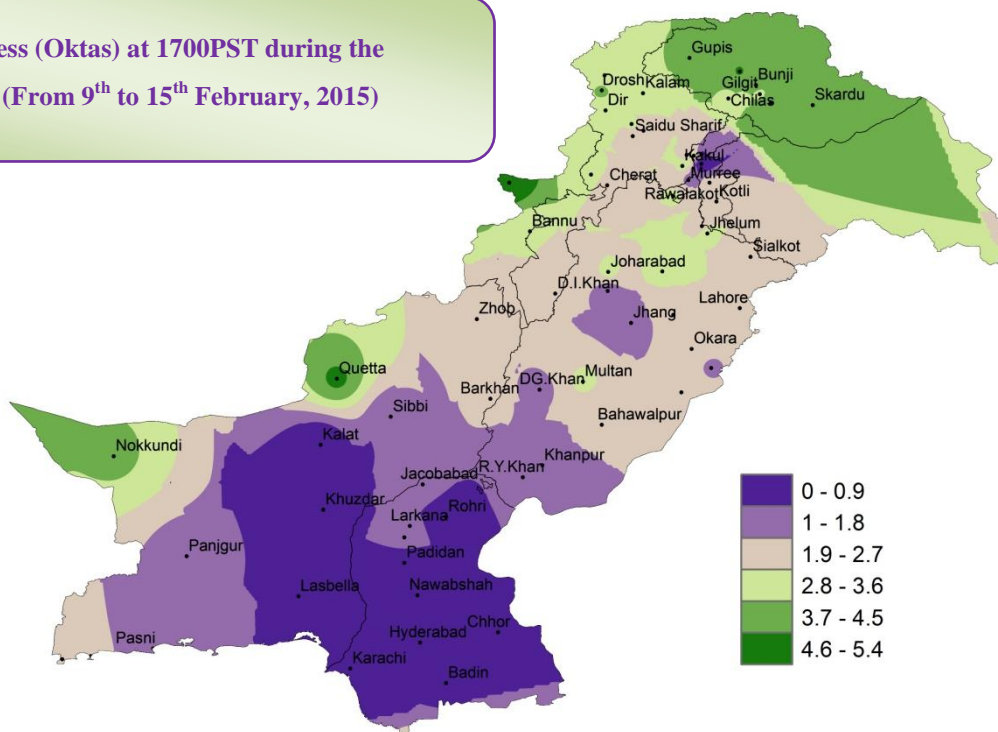
Mean Wind Speed (Knots) at 0800 PST during the
Previous week (From 9th to 15th February, 2015)



Mean Cloudiness (Oktas) at 0800PST during the
Previous week (From 9th to 15th February, 2015)



Mean Cloudiness (Oktas) at 1700PST during the
Previous week (From 9th to 15th February, 2015)



Lahore divisions. Dry weather is expected elsewhere in the country.

Weekly Weather Advisory for Farmers
(From 16th to 22nd February, 2015)

western disturbance is affecting upper parts of the country and expected to persist with occasional gaps till Friday. This system will be accompanied by fresh westerly wave from Saturday and likely to intensify and prevail in upper parts till Monday.

MONDAY

16-02-2015

Rain-Thunderstorm (with snowfall over hills) is expected at scattered places in Malakand, Hazara, Rawalpindi Islamabad divisions, Gilgit-Baltistan, Kashmir, while rain is also expected at isolated places in Peshawar, Kohat, Sargodha, Faisalabad, Gujranwala, Lahore divisions.

TUESDAY

17-02-2015

Rain-Thunderstorm (with snowfall over hills) is expected at scattered places in Rawalpindi/Islamabad, Peshawar, Malakand, Hazara, Gilgit-Baltistan and Kashmir, while rain is also expected at isolated places in Kohat, Sargodha, Faisalabad, Gujranwala, Lahore divisions. Dry weather is expected elsewhere in the country.

WEDNESDAY

18-02-2015

Rain (with snowfall over hills) is expected at scattered places in Rawalpindi/Islamabad, Malakand, Hazara, Gilgit-Baltistan and Kashmir, while rain is also expected at isolated places in Peshawar, Kohat, Sargodha, Gujranwala, Lahore divisions. Dry weather is expected elsewhere in the country.

THURSDAY

19-02-2015

Rain-Thunderstorm (with snowfall over hills) is expected at scattered places in Islamabad, Rawalpindi, Malakand, Hazara divisions, Gilgit-Baltistan and Kashmir, while rain is also expected at isolated places in Peshawar, Kohat, Sargodha, Faisalabad, Gujranwala,

FRIDAY

20-02-2015

Rain (with snowfall over the hills) is expected at scattered places in KP (Malakand, Hazara, Peshawar, Kohat, Bannu, Mardan, D. I Khan divisions), Islamabad, Punjab (Gujranwala, Rawalpindi, Sargodha, Lahore, Faisalabad divisions), Kashmir and Gilgit-Baltistan and at isolated places in Quetta, Zhob, Kalat, D.G Khan and Multan divisions.

SATURDAY

21-02-2015

Rain (with snowfall over the hills) is expected at scattered places in KP (Malakand, Hazara, Peshawar, Kohat, Bannu, Mardan, D. I Khan divisions), Islamabad, Punjab (Gujranwala, Rawalpindi, Sargodha, Lahore, Faisalabad divisions), Kashmir and Gilgit-Baltistan, and at isolated places in Quetta, Zhob, Kalat, Sibbi, Naseerabad, Sukkur & DG Khan, Multan, divisions. Dry weather is expected elsewhere in the country.

SUNDAY

22-02-2015

Rain (with snowfall over the hills) is expected at scattered places in KP (Malakand, Hazara, Peshawar, Kohat, Bannu, Mardan, D. I Khan divisions), Islamabad, Punjab (Gujranwala, Rawalpindi, Sargodha, Lahore, Faisalabad divisions), Kashmir and Gilgit-Baltistan, and at isolated places in Quetta, Zhob, Kalat, Sibbi, Naseerabad, Sukkur & DG Khan, Multan, divisions. Dry weather is expected elsewhere in the country.

.Advises for Crops

- Farmers of irrigated areas are advised to irrigate wheat crop due to expected dry weather. First irrigation should be given after 20 – 24 days after cultivation.
- Farmers should in time precautionary measures to protect orchards and other sensitive standing crops from frost especially in plain areas.

National Weather Data of Selected Cities**(Weekly Data From 9th to 16th February, 2015)**

Stations	Minimum/Night time Temperature (°C)		Growing Deg. Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800PST	Cloudiness (Oktas) 1700PST	Wind Speed (Knots) 0800PS T	Wind Speed (Knots) 1700PST
	Mean	Lowest							
Astore	-5.3	-7.5	-22.9	47.9	1	3.0	4.3	0.9	2.6
Badin	15.6	11.5	127.5	56.5	0	1.1	0.6	2.0	3.4
Bahawalnagar	9.7	8.5	88.2	63.5	0	0.3	2.4	0.3	1.4
Bahawalpur	9.8	7.7	92.0	61.6	0	0.6	1.9	0.6	0.6
Balakot	4.7	4.4	58.4	54.2	4	1.3	2.3	0.3	0.0
Bannu	5.5	3.0	66.9	48.6	0	1.6	2.7	0.0	1.1
Barkhan	7.5	3.5	73.8	36.8	0	1.0	2.0	0.3	0.9
Bunji	3.0	1.7	33.5	31.7	0	2.7	3.9	0.0	0.3
Cherat	5.8	3.0	38.3	42.3	4	1.4	2.0	4.0	2.6
Chhor	12.5	9.0	123.0	60.4	0	1.7	0.7	2.3	5.1
Chilas	6.2	4.5	53.9	39.5	0.1	3.7	3.4	0.3	0.3
Chitral	0.4	0.0	22.8	47.1	6	1.7	3.1	2.0	3.1
DG.Khan	10.6	8.3	94.0	58.9	0	0.7	1.6	1.1	1.7
D.I.Khan	7.0	5.0	77.1	64.5	0	0.0	2.0	1.1	1.7
Dir	-1.1	-3.0	27.3	53.7	14	2.3	3.4	0.0	2.3
Drosh	-0.5	-2.5	20.1	28.0	8	2.7	3.7	0.9	9.7
Faisalabad	7.4	5.8	77.6	55.0	0	1.0	2.3	0.0	0.7
Garidopatta	3.4	2.0	53.5	64.6	6	0.0	0.0	0.0	0.0
Gawader	16.1	14.5	120.5	77.0	0	0.0	1.9	1.2	9.6
Gilgit	-1.4	-2.5	20.3	54.8	0.1	2.4	4.6	0.0	0.3
Gupis	-3.4	-4.0	-3.5	42.2	0	2.9	3.7	2.3	0.9

Hyderabad	15.1	13.0	122.6	54.8	0	0.9	0.0	6.0	7.1
Islamabad	5.3	3.5	69.5	61.6	2	1.3	2.9	0.0	4.9
Jacobabad	11.6	9.0	102.5	62.4	0	0.0	1.4	0.3	0.3
Jhang	6.5	5.5	78.7	66.5	0	0.0	1.3	0.3	0.6
Jhelum	7.6	6.7	83.5	61.8	1	1.1	2.9	0.0	1.7
Jiwani	14.9	13.0	110.5	73.7	0	1.3	2.0	0.3	6.3
Joharabad	6.4	4.5	79.1	68.0	0.1	0.3	3.0	0.0	0.3
Kakul	2.5	1.0	43.7	49.9	2	1.4	3.0	0.0	1.1
Kalam	-4.1	-7.0	***	57.6	18	3.4	3.6	0.0	0.0
Kalat	-2.8	-4.0	***	46.2	0	0.0	0.0	0.3	0.9
Karachi	16.4	13.5	124.1	58.2	0	1.3	0.7	5.1	10.9
Khanpur	9.3	7.6	93.6	64.4	0	0.9	1.6	0.0	1.4
Khuzdar	7.8	5.5	80.8	26.2	0	0.0	0.0	0.0	4.0
Kotli	7.3	6.2	76.0	55.4	0.1	2.0	2.6	0.6	2.4
Lahore	9.6	8.5	87.0	59.4	2	3.0	2.1	0.0	2.6
Larkana	12.8	10.5	100.3	61.7	0	0.6	1.0	0.9	0.9
Lasbella	11.6	9.0	114.3	54.1	0	1.9	0.7	0.9	2.9
Lower Dir	4.1	3.0	55.3	58.1	17	2.3	3.0	1.4	1.4
Malam Jabba	0.1	-2.0	1.0	54.8	38	0.9	2.0	0.6	0.0
M.B Din	8.9	8.0	84.6	70.6	2	0.9	3.0	0.0	1.7
Mangla	6.2	5.0	74.0	62.9	3	1.4	2.6	0.0	1.1
Mir Khani	3.2	2.6	47.4	51.3	4	3.1	3.4	0.6	2.9
Moinjodaro	10.8	9.0	100.3	67.9	0	0.0	1.3	0.9	3.7
Multan	9.1	7.3	86.8	59.3	0	1.6	2.9	0.9	2.9
Murree	3.0	-1.5	28.2	40.7	2	0.6	1.6	2.3	0.6
Muzaffarabad	4.8	3.5	68.9	67.4	4	0.7	3.3	0.6	0.3

Nokkundi	14.2	8.5	116.3	18.6	0	2.4	3.7	3.4	2.0
Noorpurthal	7.4	5.5	85.3	61.1	0	0.6	1.3	0.0	0.0
Okara	9.1	7.9	86.1	66.4	0	0.3	2.3	0.3	1.1
Padidan	11.3	9.0	106.3	56.1	0	0.0	0.3	1.1	2.6
Panjgur	9.4	7.5	83.8	44.6	0	0.3	1.4	5.4	9.4
Parachinar	-7.8	-9.5	-33.7	67.9	7	5.4	5.4	3.0	3.0
Pasni	15.5	13.5	116.8	74.6	0	0.0	1.6	0.3	5.7
Peshawar	7.4	5.0	79.7	54.9	0	0.6	3.4	0.6	8.2
Quetta	4.7	1.0	52.3	34.0	0	2.6	3.7	1.5	3.0
R.Y.Khan	10.7	8.7	103.7	59.6	0	0.9	1.1	0.6	2.0
Rawalakot	-0.9	-2.5	15.5	57.1	2	1.1	2.3	0.0	2.3
Rohri	13.9	11.5	113.8	59.1	0	0.3	0.3	0.6	1.7
Rawalpindi	6.7	5.3	73.8	54.0	1	0.8	1.4	0.0	0.9
Sahiwal	7.2	6.2	75.5	65.6	0	0.0	1.7	0.6	1.1
Saidu Sharif	4.6	3.5	51.0	52.7	15	0.7	2.3	0.0	0.0
Sialkot	8.3	7.3	73.5	52.6	0.1	3.7	2.1	0.0	0.9
Sibbi	7.8	6.0	99.8	51.6	0	0.0	1.1	0.0	0.0
Skardu	-4.8	-6.4	***	56.9	0	3.7	4.3	0.0	0.0
Usta.M	10.9	9.0	98.2	66.0	0	0.6	0.8	0.0	0.1
Tandojam	12.5	10.0	112.5	66.0	0	0.4	0.3	0.9	0.9
Zhob	3.6	0.5	51.5	44.6	0	0.9	2.3	5.0	6.1

*** Shows the data is not available.