

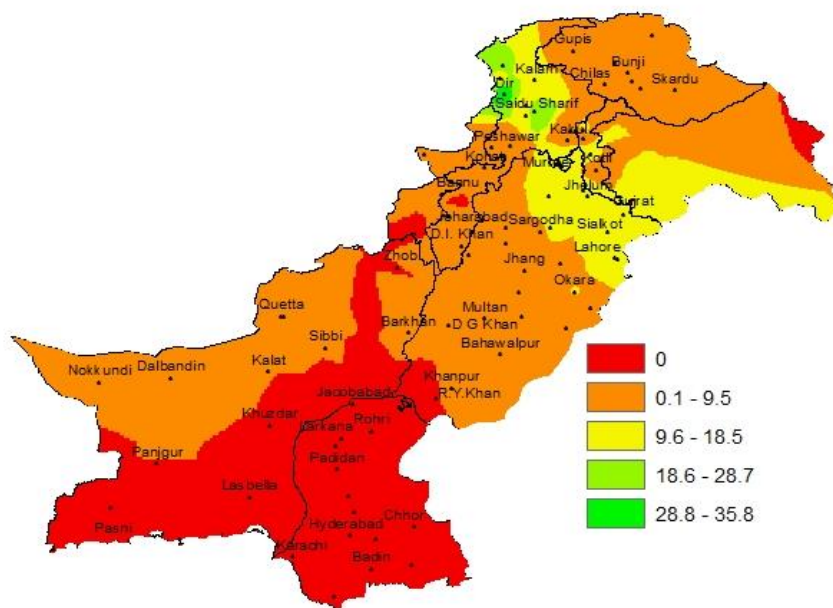
Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the
Previous Week (From 12th to 18th January, 2015)**



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Highlights of Past Weather (From 12th to 18th January, 2015)

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

Dry weather was reported through out the nation.

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

Past Weather of Provinces (From 12th to 18th January, 2015)

Punjab

Light to moderate rainfall was reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 18.2°C & 5.7°C respectively. For the present season average 48.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 78% and wind speed in the morning/evening 0.8/1.7Knots. During the previous week the highest amount of rainfall was recorded 20.1mm at Islamabad & lowest minimum temperature was recorded -3.0°C at Murree.

Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 21.3°C & 9.0°C respectively. For the present season average 69.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 68% and wind speed in the morning/evening recorded 1.0/3.2Knots. During the previous week lowest minimum temperature was recorded 3.0°C at Moin -Jo-Daro.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light to moderate rainfall was reported at many places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 12.9°C & -1.0°C respectively. For the present season average 28.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 58% and wind speed in the morning/evening recorded 0.5/0.8Knots. During the previous week the highest amount of rainfall was recorded 13.0mm at Rawalakot & lowest minimum recorded -9.6°C at Skardu.

Balochistan

Light rainfall was reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 21.3°C & 4.8°C respectively. For the present season average 66.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 44% and wind speed in the morning/evening recorded 1.9/5.1Knots. During the previous week the highest amount of rainfall was recorded 7.0mm at Quetta & lowest minimum temperature recorded -6.5°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 14.7°C & 1.1°C respectively. For the present season average 24.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 64% and wind speed in the morning/evening recorded 0.8/1.8Knots. During the previous week the highest amount of rainfall was recorded 36.0mm at Dir & lowest minimum temperature recorded -9.2°C at Parachinar.

**Past Weather for Major Agricultural Plains
(From 12th to 18th January, 2015)****Rawalpindi (Potohar region)**

Rainfall reported as 18.6mm during the week; however cloudiness in the morning/evening recorded 2.4/2.3Oktas while, average relative humidity observed 61%.Mean night time temperature recorded 5.4°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 0.2/0.3Knots.

Faisalabad (Central Punjab)

Rainfall reported as 18.6mm was reported during the week; however cloudiness in the morning/evening recorded 2.0/1.6Oktas while average relative humidity observed as 72%.Mean night time temperature recorded 6.3°C &for the present season 48.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.8/0.6Knots.

Quetta (Northern Balochistan)

Rainfall reported as 2.7mm was reported during the week; however cloudiness in the morning/evening recorded 1.3/2.1Oktas while, average relative humidity observed as 31%.Mean night time temperature recorded -0.2°C for the present season 23.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.8/3.1Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed as 75%.Mean night time temperature recorded 7.0°C&for the present season 68.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0Knots.

Tandojam (Lower Singh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.6 Oktas while average relative humidity observed as 76%.Mean night time temperature recorded 14.1°C &for the present season 79.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.9/0.8Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 12th to 18th January, 2015)****Multan**

Rainfall 0.1mm was reported during the week; however cloudiness in the morning/evening recorded 4.0/1.7Oktas while, average relative humidity observed as 70%.Mean night time temperature recorded 7.0°C&for the present season 56.7growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/4.9Knots.

Rohri

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed as 69%.Mean night time temperature recorded 9.5°C&for the present season 70.3growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.6Knots.

Lahore

Rainfall reported as 0.1mm reported during the week; however cloudiness in the morning/evening recorded 4.9/1.9Oktas while, average relative humidity observed as 75%.Mean night time temperature recorded 7.5°C&for the present season 54.6growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/2.0Knots.

Zhob

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.9/0.6Oktas while, average relative humidity observed as 34%. Mean night time temperature recorded 0.2°C & for the present season 24.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.6/5.6Knots.

D.I. Khan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 4.9/2.6Oktas while, average relative humidity observed as 76%. Mean night time temperature recorded 3.7°C & for the present season 44.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.7Knots.

Peshawar

Rainfall reported as 6.0mm during the week; however cloudiness in the morning/evening recorded 1.7/3.0Oktas while, average relative humidity observed as 73%. Mean night time temperature recorded 4.9°C & for the present season 49.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.3Knots.

Murree

Rainfall reported as 14.0mm during the week; however cloudiness in the morning/evening recorded 3.6/3.7Oktas while, average relative humidity observed as 63%. Mean night time temperature recorded -0.5°C & for the present season 1.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/1.0Knots.

Kalam

Rainfall reported as 12.0mm during the week; however cloudiness in the morning/evening recorded 2.9/3.1Oktas while, average relative humidity observed as 71%. Mean night time temperature recorded -2.1°C. Wind speed recorded in the morning/evening as 0.0/0.0Knots.

Gilgit

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 4.1/3.9Oktas while, average relative humidity observed as 65%. Mean night time temperature recorded -2.7°C & for the present season 0.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/0.0nots.

Skardu

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 4.9/4.3Oktas while, average relative humidity observed as 66%. Mean night time temperature recorded -6.7°C 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 *Third Leaf* stage.

Central Punjab (Faisalabad)

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

Wheat: Excellent condition at *Tillering* completed.

Lower Sindh (Tandojam)

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

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

Northern Balochistan (Quetta)

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

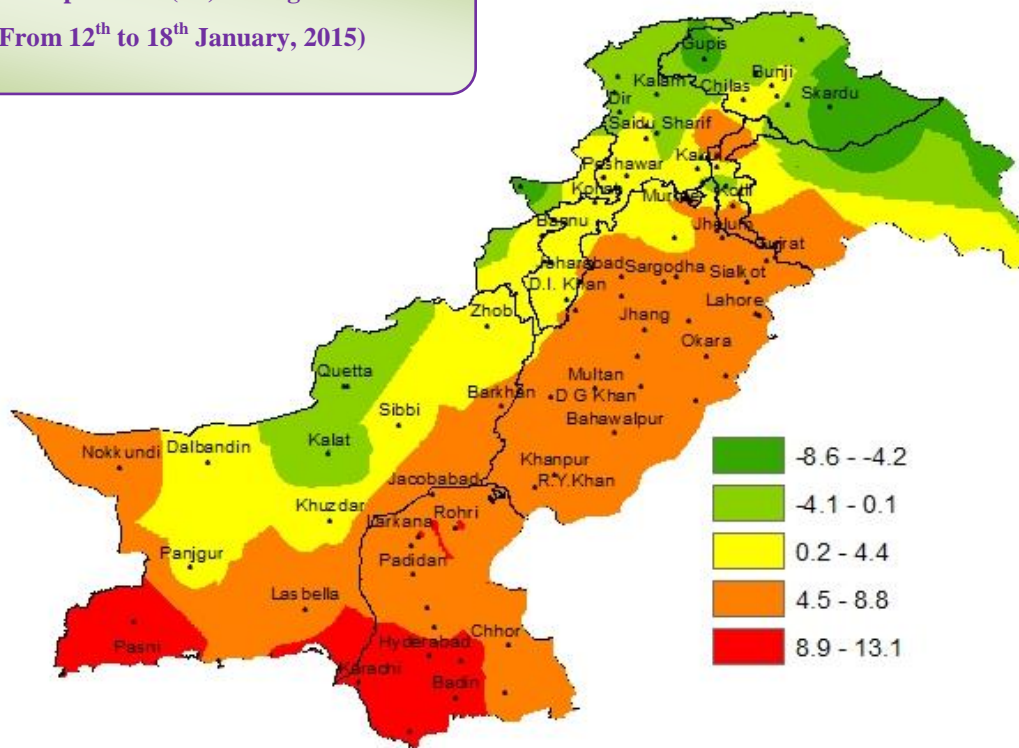
Wheat: Good condition at *Third leaf* stage.

Eastern Balochistan (Usta Muhammad)

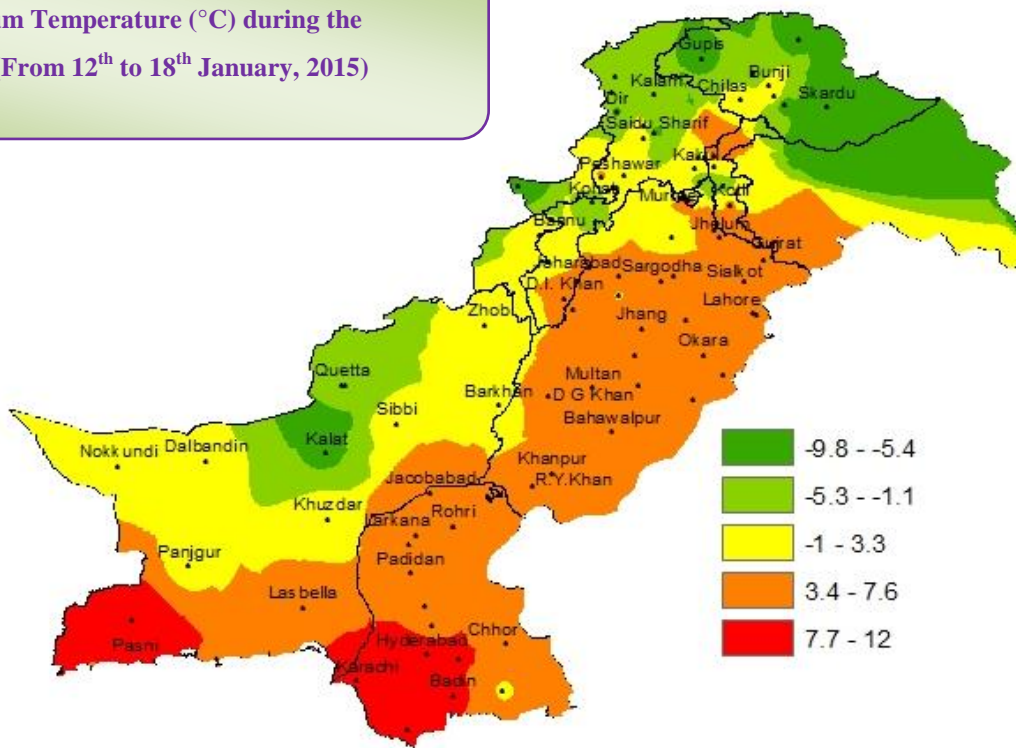
There is presently one crop grown in the fields of RAMC Usta Muhammad.

Wheat: Good condition at *shooting* completed.

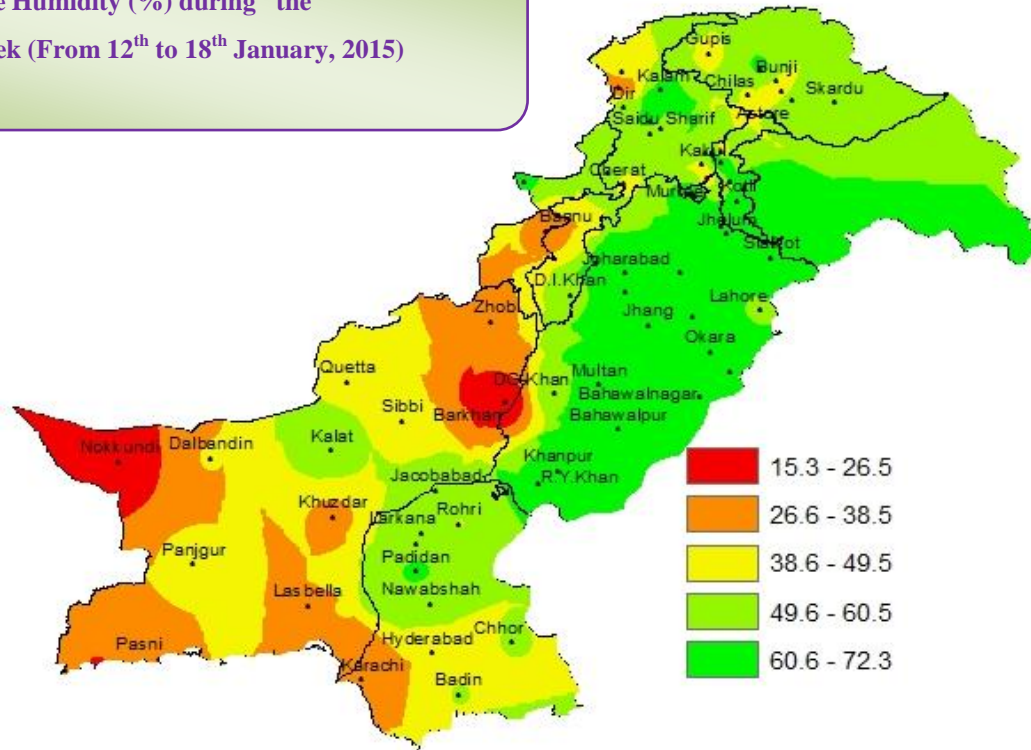
Mean Minimum Temperature (°C) during the Previous week (From 12th to 18th January, 2015)



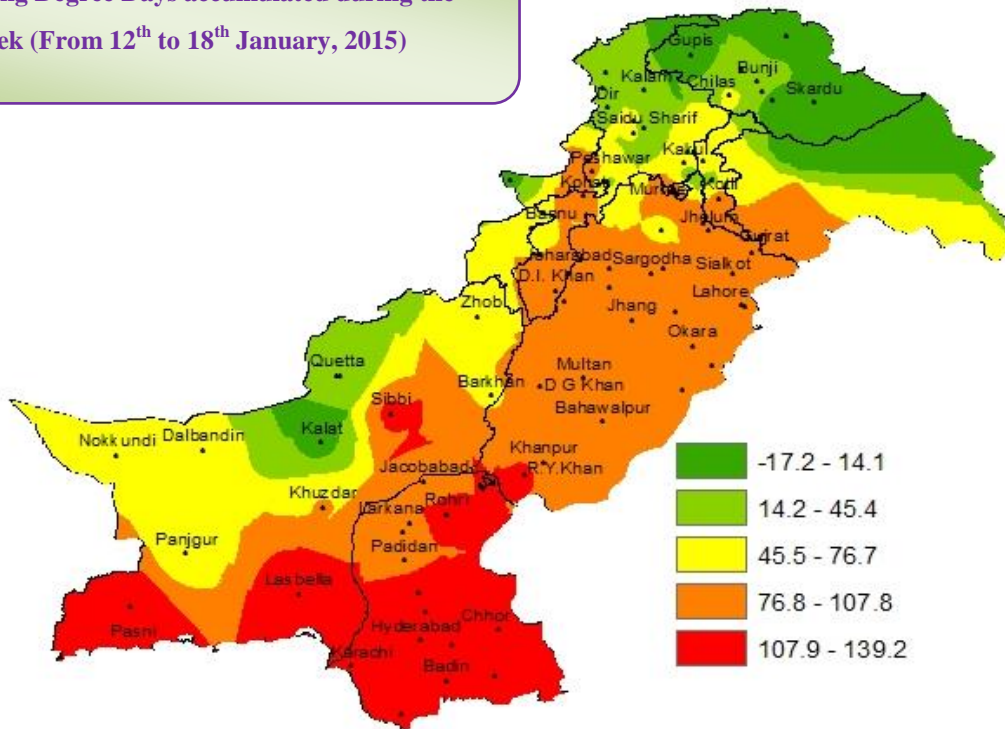
Lowest Minimum Temperature (°C) during the Previous week (From 12th to 18th January, 2015)



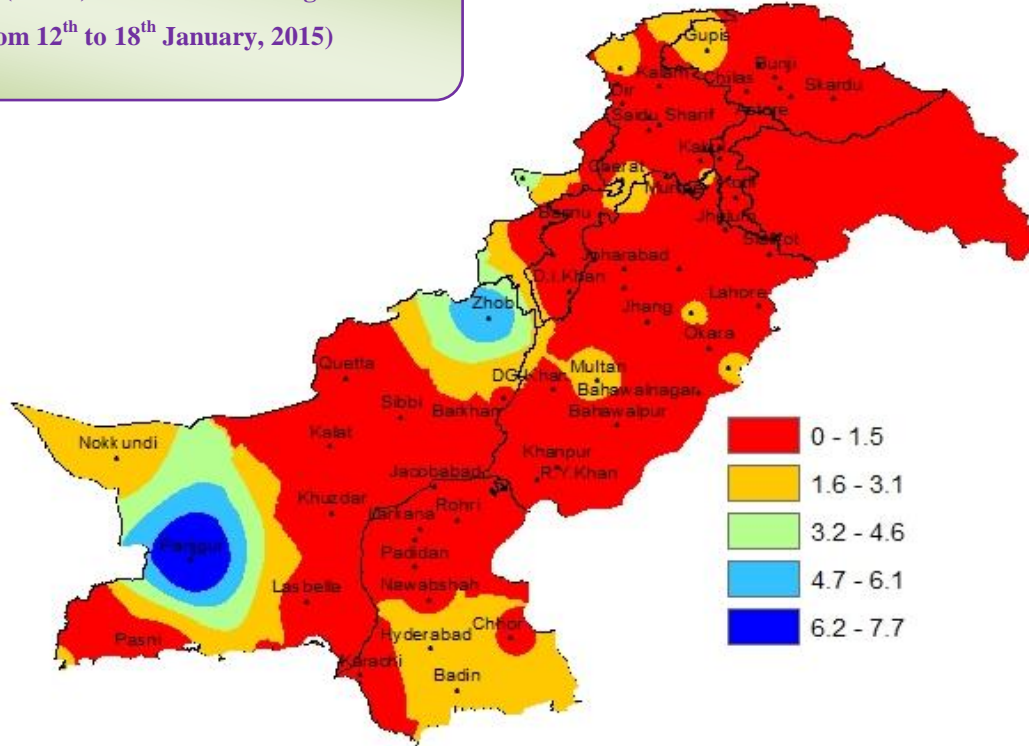
Mean Relative Humidity (%) during the Previous week (From 12th to 18th January, 2015)



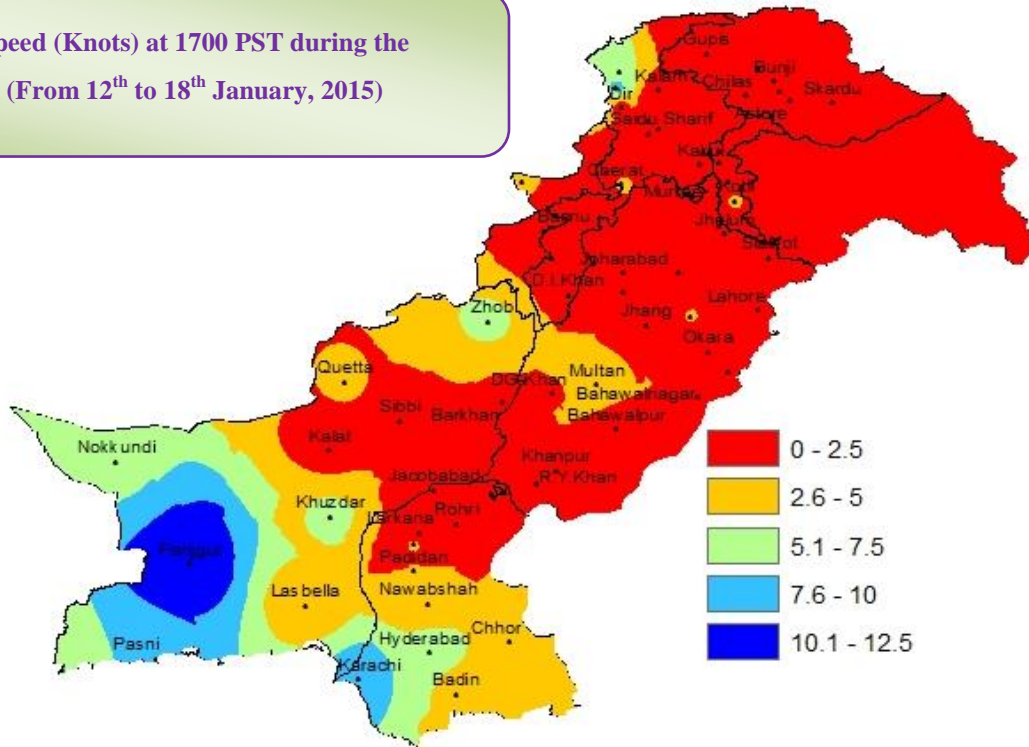
Total Growing Degree Days accumulated during the Previous week (From 12th to 18th January, 2015)



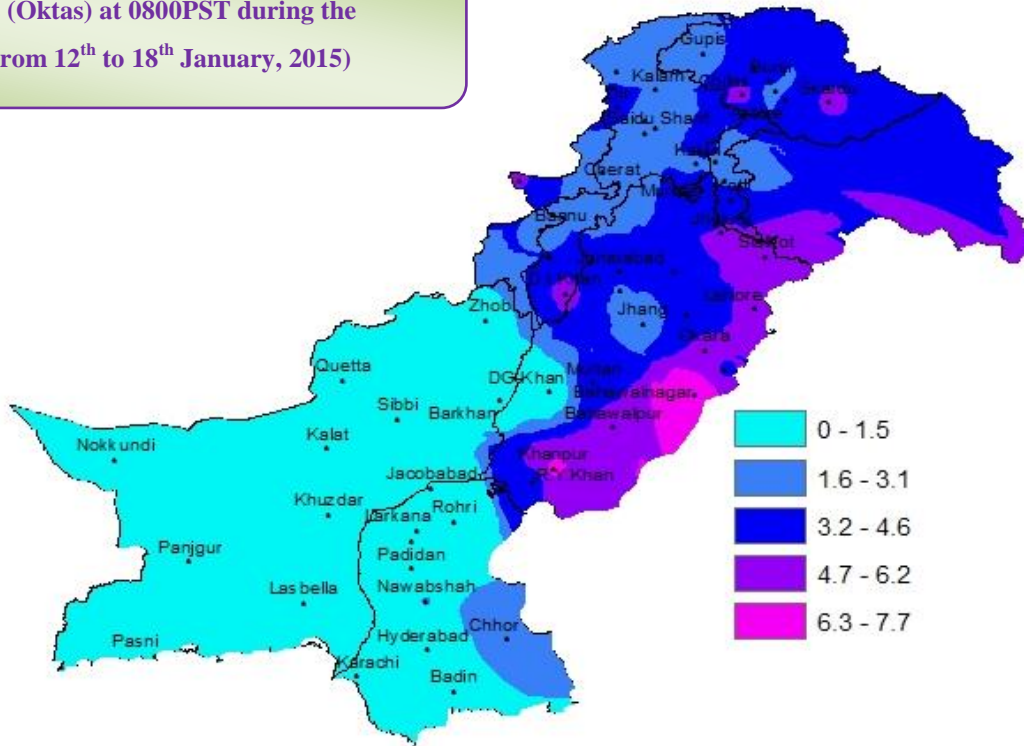
Mean Wind Speed (Knots) at 0800 PST during the Previous week (From 12th to 18th January, 2015)



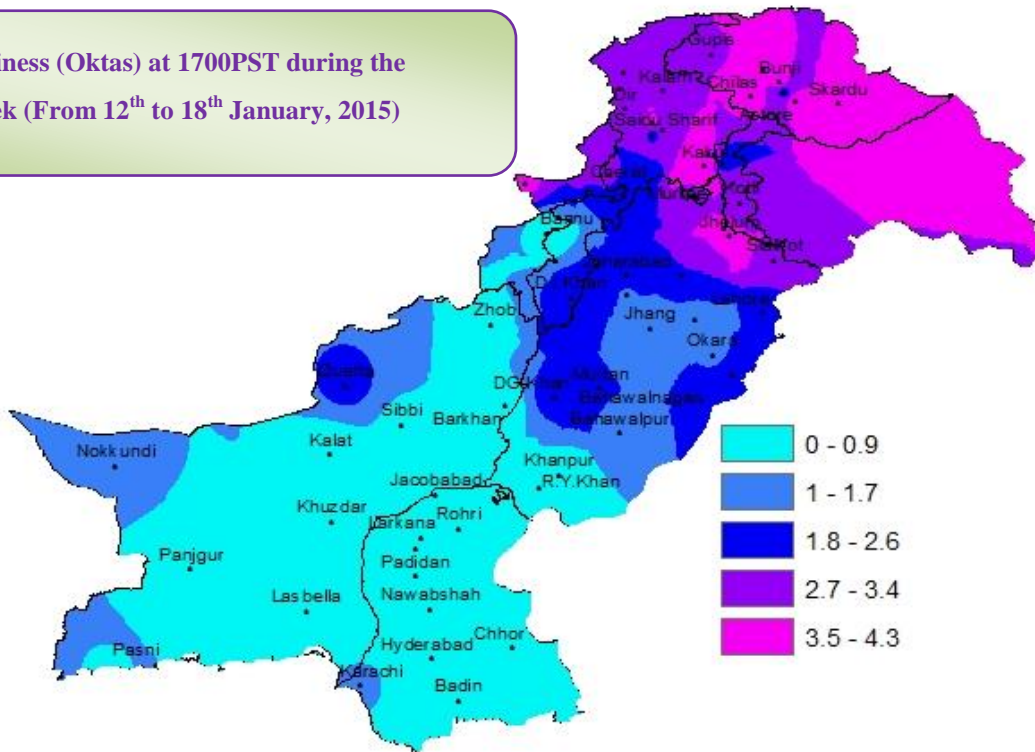
Mean Wind Speed (Knots) at 1700 PST during the Previous week (From 12th to 18th January, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (From 12th to 18th January, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (From 12th to 18th January, 2015)



Weekly Weather Advisory for Farmers
(From 19th to 24th January,2015)

A fresh western disturbance is likely to approach Baluchistan on Monday night and likely to grip upper parts of the country on Tuesday night.

MONDAY
19-01-2015

Very cold and dry weather is expected in most parts of the country. Rain is expected at few places of Quetta and Zhob divisions. Foggy conditions are expected in plain areas of Punjab, Khyber Pakhtunkhwa and upper Sindh during night and morning hours..

TUESDAY
20-01-2015

Rain (with snowfall over the hills) is expected at scattered places in Balochistan (Quetta, Zhob, Kalat, Makran divisions), Karachi, Malakand divisions, Gilgit-Baltistan and Kashmir.

WEDNESDAY
21-01-2015

Widespread Rain (with snowfall over the hills) is expected in north Balochistan (Quetta, Zhob, Kalat divisions), Punjab, Khyber Pakhtunkhwa, Kashmir and Gilgit-Baltistan. Cold and dry weather is expected in other parts of the country.

THURSDAY
22-01-2015

Widespread Rain (with snowfall over the hills) is expected in upper Punjab, upper KP, Kashmir and Gilgit-Baltistan. Foggy conditions may occur in South Punjab and upper Sindh.

FRIDAY
23-01-2015

Rain (with snowfall over the hills) is expected at isolated places in upper Punjab, upper KP, Kashmir and Gilgit-Baltistan. Foggy conditions may occur in South Punjab and upper Sindh.

SATURDAY
24-01-2015

Rain (with snowfall over the hills) is expected at isolated places in upper KP, Kashmir and Gilgit-Baltistan. Foggy conditions may occur over plain areas of Punjab, KP and upper Sindh.

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 12th to 18th January, 2015)**

Stations	Minimum/Night time Temperature (°C)		Growing Deg. Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800PST	Cloudiness (Oktas) 1700PST	Wind Speed (Knots) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Lowest							
Astore	-4.6	-8.0	-27.8	54	0.0	3.9	4.0	0.6	0.9
Badin	12.0	8.5	73.8	60	0.0	0.4	0.3	2.0	4.0
Bahawalnagar	6.5	4.5	51.1	81	1.0	7.7	1.9	1.1	2.3
Bahawalpur	5.8	4.3	51.3	80	0.1	5.9	1.4	0.3	0.3
Balakot	3.8	1.7	39.7	65	8.1	3.4	4.3	0.0	0.0
Bannu	2.4	1.6	47.7	65	0.0	2.6	0.0	0.6	0.0
Barkhan	4.8	1.5	55.5	42	0.0	0.7	0.3	1.4	1.7
Bunji	1.2	0.0	7.8	39	0.1	3.6	4.0	0.0	0.9
Cherat	3.3	1.0	17.3	61	4.0	2.3	1.7	2.6	2.9
Chhor	8.3	6.0	70.0	64	0.0	2.6	0.0	1.4	4.0
Chilas	2.5	1.5	28.5	49	0.2	4.9	3.9	0.0	1.7
Chitral	-0.5	-2.2	3.9	55	21.0	2.3	2.9	2.6	5.1
DG.Khan	6.5	5.5	49.4	75	0.1	0.3	2.4	1.4	2.3
D.I.Khan	3.7	3.5	44.6	76	0.0	4.9	2.6	0.3	1.7
Dir	-2.7	-5.7	0.2	67	36.0	4.0	3.0	0.0	1.7
Drosh	-1.6	-2.8	2.8	44	15.0	3.1	2.9	0.6	8.4
Faisalabad	6.3	4.1	48.7	72	3.6	2.0	1.6	0.8	0.6
Garidopatta	1.0	0.0	33.0	66	6.0	1.7	2.0	0.0	0.0
Gawader	11.1	7.5	99.3	49	0.0	0.4	0.6	0.0	7.3
Gilgit	-2.7	-5.0	0.5	65	0.0	4.1	3.9	0.0	0.0
Gupis	-5.2	-6.5	-21.8	45	0.0	2.3	3.3	2.3	0.9

Hyderabad	11.6	10.5	101.0	63	0.0	0.7	0.0	2.9	6.3
Islamabad	3.5	2.0	52.2	77	14.0	3.4	3.1	0.3	1.4
Jacobabad	7.3	6.0	80.1	72	0.0	0.4	0.7	0.6	1.1
Jhang	5.0	4.0	49.5	79	1.0	2.7	1.0	0.0	0.0
Jhelum	5.8	4.4	50.9	78	13.0	5.4	3.6	0.3	1.1
Jiwani	12.8	11.5	99.4	49	0.0	0.9	1.7	2.0	6.9
Joharabad	5.9	4.7	51.8	79	6.0	3.6	2.6	0.0	2.3
Kakul	2.1	0.0	28.0	59	5.0	2.6	4.0	0.0	1.4
Kalam	-2.4	-4.0	-13.5	71	12.0	2.9	3.1	0.0	0.0
Kalat	-4.3	-6.5	0.3	41	0.0	0.0	0.0	0.9	1.4
Karachi	12.5	9.5	50.1	48	0.0	1.3	1.0	0.0	9.1
Khanpur	5.9	4.0	54.2	79	0.0	6.4	0.4	0.3	1.4
Khuzdar	3.9	1.5	52.0	29	0.0	0.0	0.0	0.6	5.7
Kotli	4.9	3.6	53.1	67	4.0	3.4	2.7	0.6	2.7
Lahore	7.5	6.5	54.6	75	14.0	4.9	1.9	0.9	2.0
Larkana	9.1	7.5	70.4	66	0.0	0.3	0.0	0.9	0.0
Lasbella	8.0	5.0	90.5	49	0.0	1.1	0.0	1.1	2.9
Lower Dir	2.1	-0.5	29.3	71	9.0	2.0	3.7	0.9	1.7
Malam Jabba	-4.6	-7.0	-23.0	67	27.0	2.1	3.0	0.0	0.0
M.B Din	7.0	5.7	50.7	82	14.1	3.7	2.6	0.3	1.4
Mangla	6.0	4.4	49.8	76	13.1	4.1	3.6	0.0	1.7
Mir Khani	2.4	1.8	32.2	53	10.0	1.9	2.0	0.0	1.1
Moinjodaro	5.4	3.0	37.8	76	0.0	0.0	0.0	0.6	2.9
Multan	7.0	6.0	56.7	77	0.1	4.0	1.7	2.0	4.9
Murree	-0.5	-3.0	1.7	63	14.0	3.6	3.7	2.3	1.0
Muzaffarabad	3.9	2.0	44.7	72	8.0	3.4	3.7	1.0	0.0

Nokkundi	5.6	2.0	59.5	20	0.0	0.4	1.4	2.3	6.6
Noorpurthal	5.4	3.2	53.0	80	4.0	3.0	1.6	0.0	1.1
Okara	6.8	5.0	52.6	82	10.0	5.1	1.6	1.1	1.4
Padidan	7.9	6.5	56.0	69	0.0	0.3	0.0	1.4	2.6
Panjgur	3.2	1.5	39.5	44	0.0	0.4	0.0	7.7	12.6
Parachinar	-8.6	-9.2	-37.5	65	6.0	4.7	3.7	3.6	3.0
Pasni	10.6	9.0	94.5	54	0.0	0.4	0.9	0.6	8.9
Peshawar	4.5	3.5	49.0	73	6.0	1.7	3.0	0.6	0.3
Quetta	-0.2	-4.5	23.1	31	2.7	1.3	2.1	1.8	3.1
R.Y.Khan	6.5	4.3	60.1	78	0.0	4.1	0.6	1.4	0.9
Rawalakot	-1.5	-3.0	9.5	69	13.0	3.0	3.4	0.0	0.9
Rohri	9.5	8.0	90.5	69	0.0	0.0	0.0	0.6	0.6
Rawalpindi	5.4	3.5	49.5	61	18.9	2.4	2.3	0.2	0.3
Sahiwal	6.0	4.5	47.8	81	0.1	4.4	2.1	1.7	2.0
Saidu Sharif	3.1	1.5	29.6	65	17.1	1.7	2.3	0.0	0.0
Sialkot	6.2	5.4	47.4	79	11.1	5.0	3.3	0.3	2.0
Sibbi	3.6	2.0	58.0	51	0.0	0.0	0.6	0.9	1.1
Skardu	-6.7	-9.8	-34.2	66	0.0	4.9	4.3	0.0	0.0
Tandojam	14.1	6.5	79.3	76	0.0	0.0	0.6	0.9	0.8
Usta.M	7.0	5.5	68.3	75	0.0	0.0	0.0	0.0	0.0
Zhob	0.2	-1.0	24.3	34	0.0	0.9	0.6	5.6	5.6
Astore	-4.6	-8.0	-27.8	54	0.0	3.9	4.0	0.6	0.9

*** Shows the data is not available.