

Weekly Weather and Crop Bulletin for Pakistan

**NATIONAL AGROMET CENTRE
PAKISTAN METEOROLOGICAL
DEPARTMENT SECTOR H-8/2,
ISLAMABAD.**

Phone: +92-51-9250592

Email: info@namc.pmd.gov.pk

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

Highlights of Past Weather (From 17th to 23rd November, 2014)

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 in Punjab, Khyber Pakhtunkhwa, Gilgit-Baltistan & Kashmir regions, Sindh and Balochistan.

Patron-in-Chief: Hazrat Mir (Director General)

Chief Editor: Dr. Khalid Mahmood Malik (Director)

Editor: Khalida Noureen (Meteorologist)

Past Weather of Provinces (From 17th to 23rd
November, 2014)

Punjab

Dry weather was reported in Punjab during the week. Weekly maximum and minimum temperatures recorded 26.6°C & 8.6°C respectively. For the present season average 88.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 56% and wind speed in the morning/evening 0.1/0.6 Knots. During the previous week lowest minimum temperature was recorded 5.0°C at Islamabad.

Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 31.5°C & 14.1°C respectively. For the present season average 123.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 60% and wind speed in the morning/evening recorded 0.2/0.8 Knots. During the previous week lowest minimum temperature was recorded 9.0°C at Moin-jo-Daro.

Khyber Pakhtunkhwa

Dry weather was reported in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 21.0°C & 4.1°C respectively. For the present season average 48.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 51% and wind speed in the morning/evening recorded 0.3/1.6 Knots. During the previous week lowest minimum temperature recorded -2.3°C at Kalam.

Balochistan

Dry weather was reported in Balochistan during the week. Weekly maximum and minimum temperatures recorded 33.7°C & 8.4°C respectively. For the present season average 122.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 54% and wind speed in the morning/evening recorded 1.5/2.4 Knots. During the previous week lowest minimum temperature recorded -3.0°C at Kalat.

Gilgit-Baltistan and Azad Jammu & Kashmir

Dry weather was reported in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 18.5°C & 1.4°C respectively. For the present season average 34.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 47% and wind speed in the morning/evening recorded 0.8/1.8 Knots. During the previous week lowest minimum recorded -4.9°C at Skardu.

**Past Weather for Major Agricultural Plains
(From 17th to 23rd November, 2014)****Rawalpindi (Potohar region)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while, average relative humidity observed 64%. Mean night time temperature recorded 4.2°C & for the present season 67.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.6 Knots.

Faisalabad (Central Punjab)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/0.0 Oktas while average relative humidity observed as 55%. Mean night time temperature recorded 8.3°C & for the present season 88.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0 Knots.

Quetta (Northern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.8/0.7 Oktas while, average relative humidity observed as 23%. Mean night time temperature recorded 2.5°C & for the present season 37.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/3.1 Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.3 Oktas while, average relative humidity observed as 56%. Mean night time temperature recorded 11.1°C & for the present season 108.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.1/0.0 Knots.

Tandojam (Lower Singh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.9 Oktas while average relative humidity observed as 57%. Mean night time temperature recorded 14.1°C & for the present season 127.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.6/0.0 Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 17th to 23rd November, 2014)****Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.3 Oktas while, average relative humidity observed as 54%. Mean night time temperature recorded 13.4°C & for the present season 113.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.1 Knots.

Multan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/1.3 Oktas while, average relative humidity observed as 63%. Mean night time temperature recorded 10.6°C & for the present season 96.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0 Knots.

Lahore

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/0.0 Oktas while, average relative humidity observed as 62%. Mean night time temperature recorded 10.6°C & for the present season 90.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.6 Knots.

Zhob

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while, average relative humidity observed as 24%. Mean night time temperature recorded 3.6°C & for the present season 85.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.3/5.6 Knots.

D.I. Khan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while, average relative humidity observed as 65%. Mean night time temperature recorded 6.6°C & for the present season 83.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.3 Knots.

Peshawar

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 69%. Mean night time temperature recorded 7.2°C & for the present season 77.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0 Knots.

Murree

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0 Oktas while, average relative humidity observed as 40%. Mean night time temperature recorded 6.9°C & for the present season 50.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/1.1 Knots.

Kalam

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 47%. Mean night time temperature recorded -0.6°C & for the present season 20.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0 Knots.

Gilgit

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.7/2.7 Oktas while, average relative humidity observed as 66%. Mean night time temperature recorded -1.5°C & for the present season 66.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/2.3 Knots.

Skardu

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.3/2.0 Oktas while, average relative humidity observed as 61%. Mean night time temperature recorded -4.5°C & for the present season -3.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/0.3 Knots.

Crop Situation for Major Agricultural Plains
(Based on Data from Regional Agromet Centers)

Potohar Region (Rawalpindi)

There is presently no crop in the fields RAMC Rawalpindi.

Central Punjab (Faisalabad)

There is presently no crop in the fields of RAMC Faisalabad.

Lower Sindh (Tandojam)

There is presently no crop in the fields of RAMC Tandojam.

Northern Balochistan (Quetta)

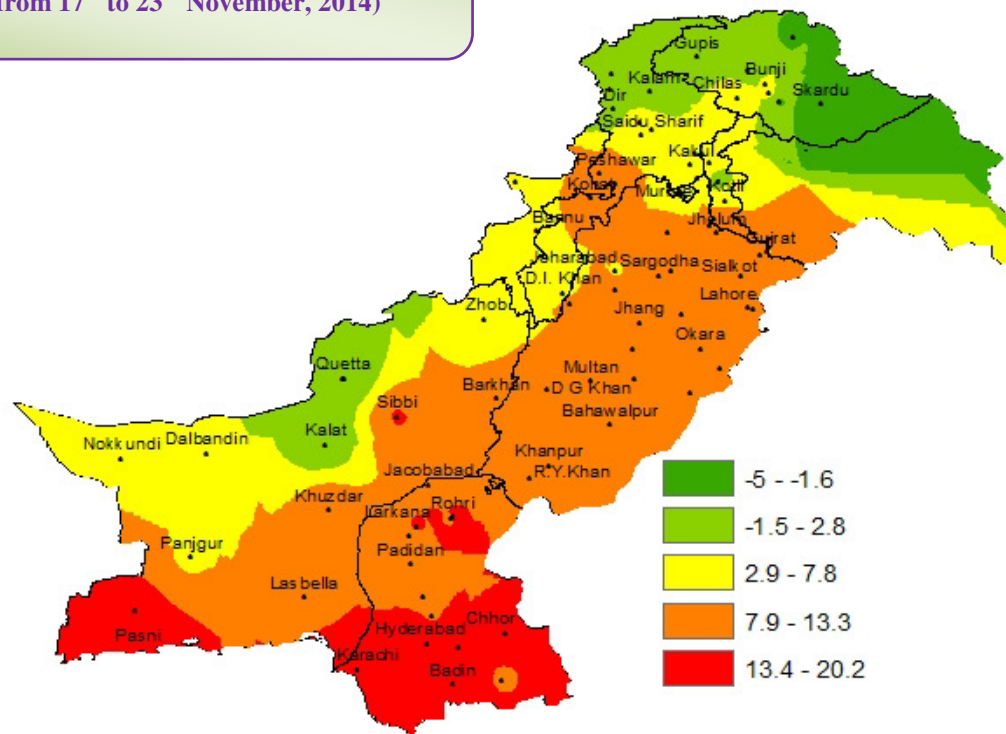
There is presently no crop in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

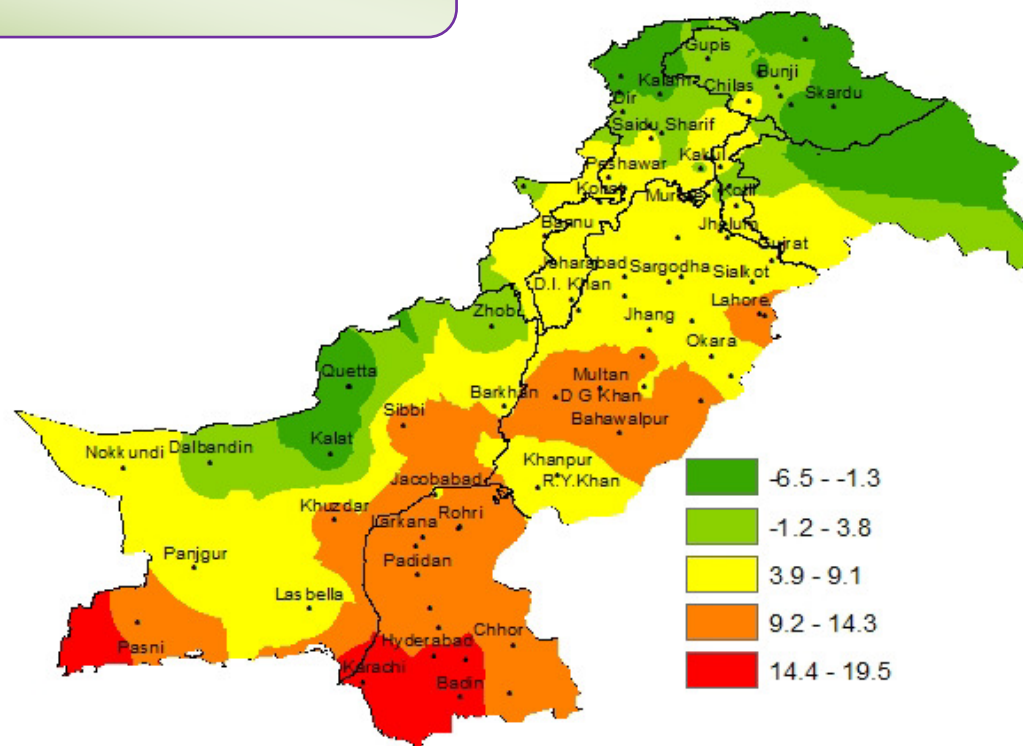
There is presently one crop (irrigated condition) grown in the fields RAMC Usta Muhammad.

Wheat: Good condition at *Germination* stage.

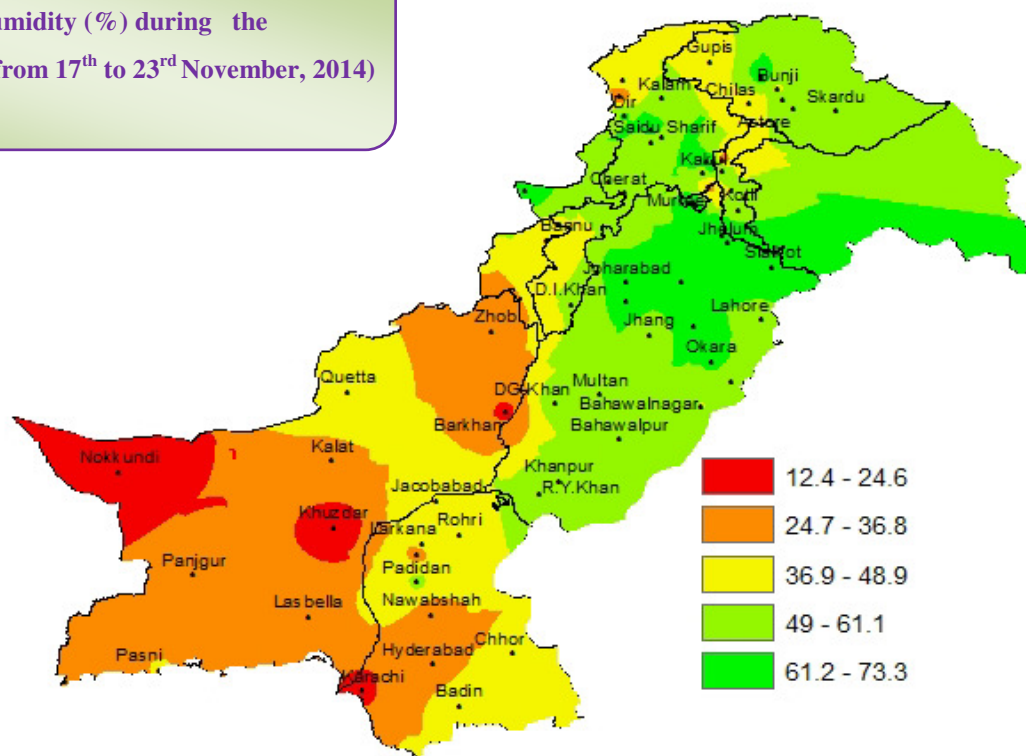
Mean Minimum Temperature (°C) during the
Previous week (from 17th to 23rd November, 2014)



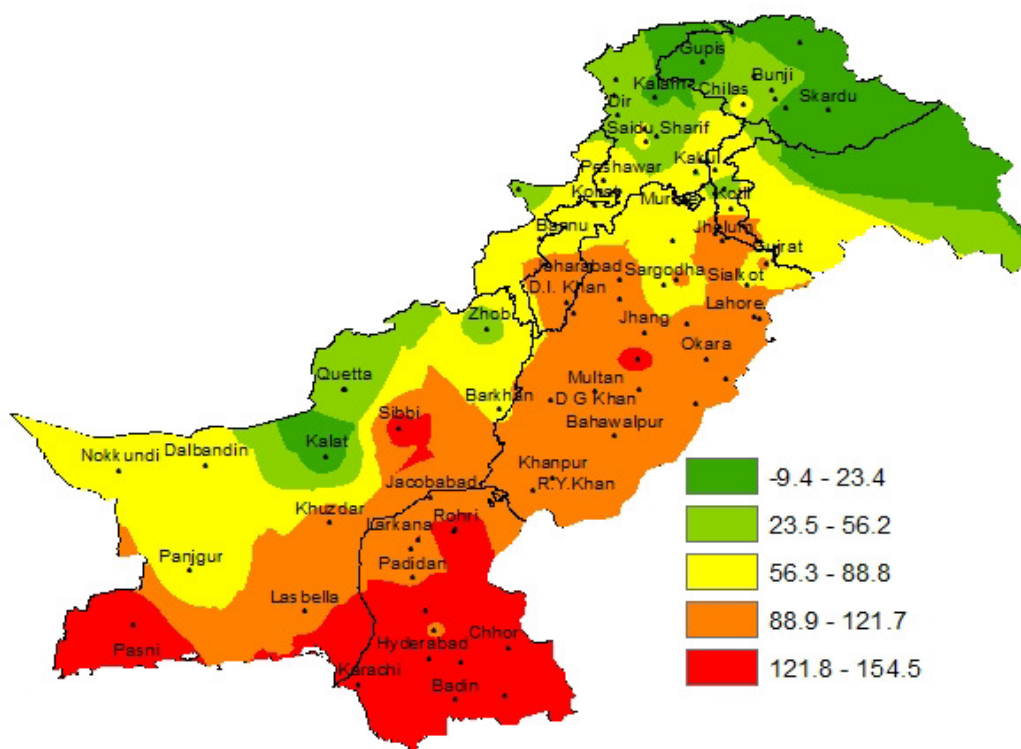
Lowest Minimum Temperature (°C) during the
Previous week (from 17th to 23rd November, 2014)



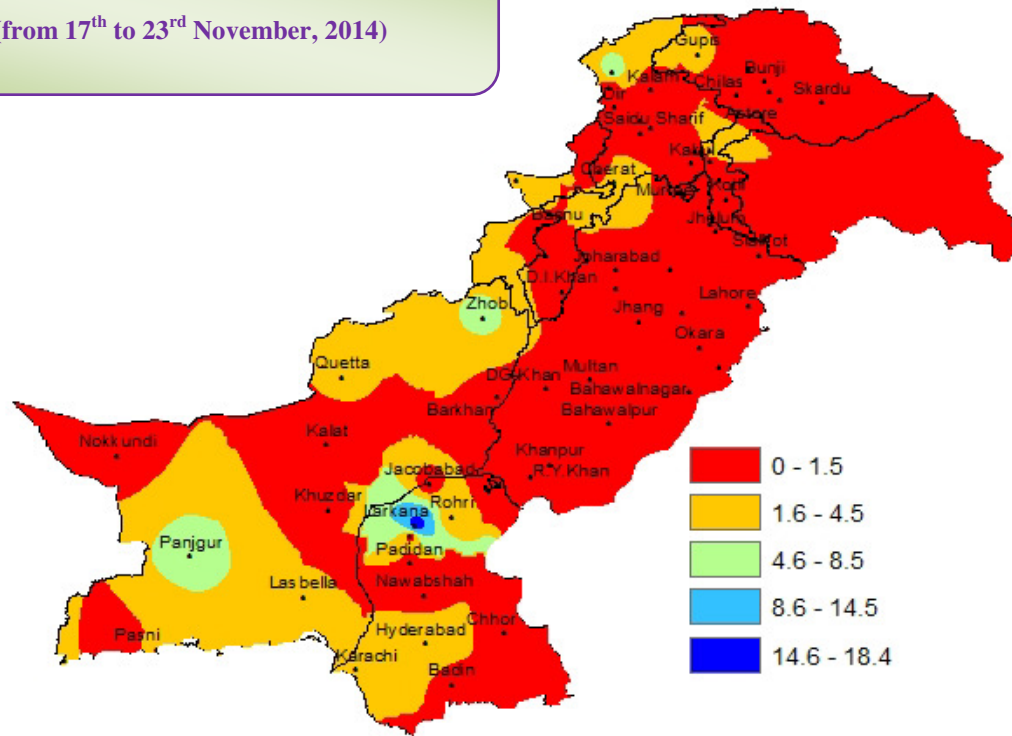
Mean Relative Humidity (%) during the
Previous week (from 17th to 23rd November, 2014)



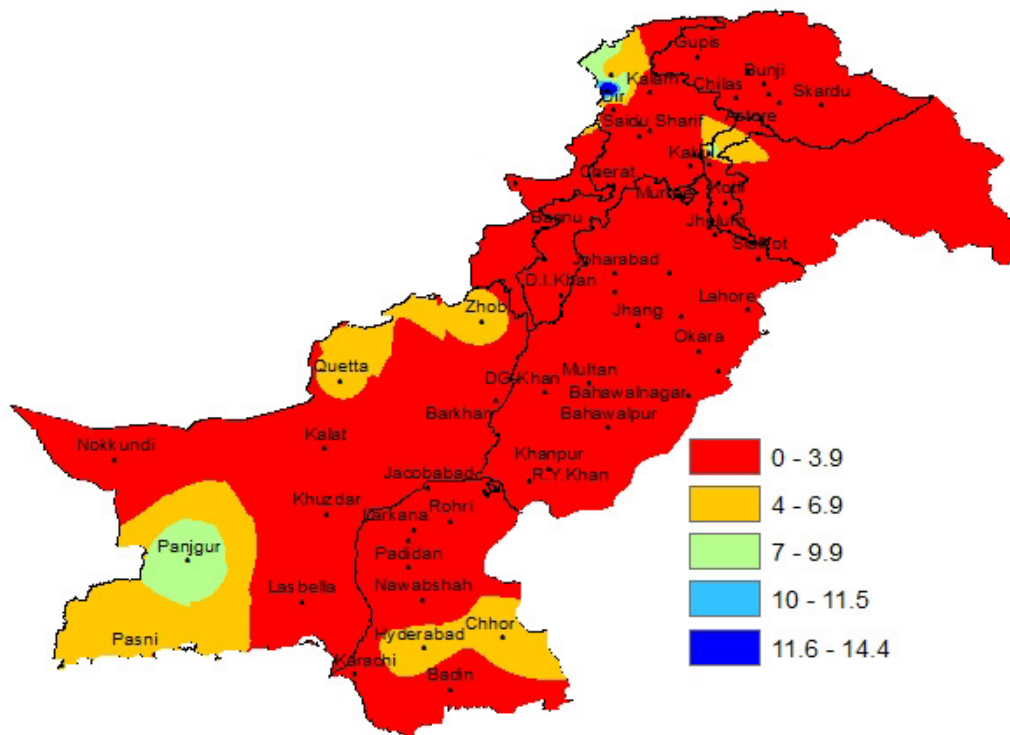
Total Growing Degree Days accumulated during the
Previous week (from 17th to 23rd November, 2014)



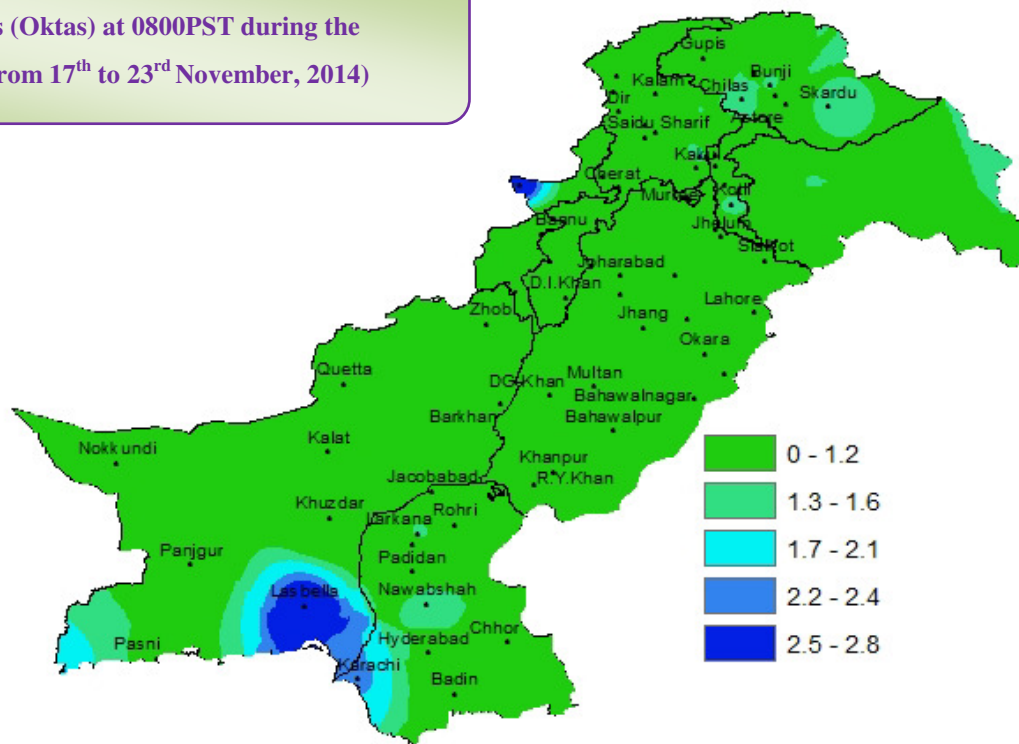
Mean Wind Speed (Knots) at 0800 PST during the Previous week (from 17th to 23rd November, 2014)



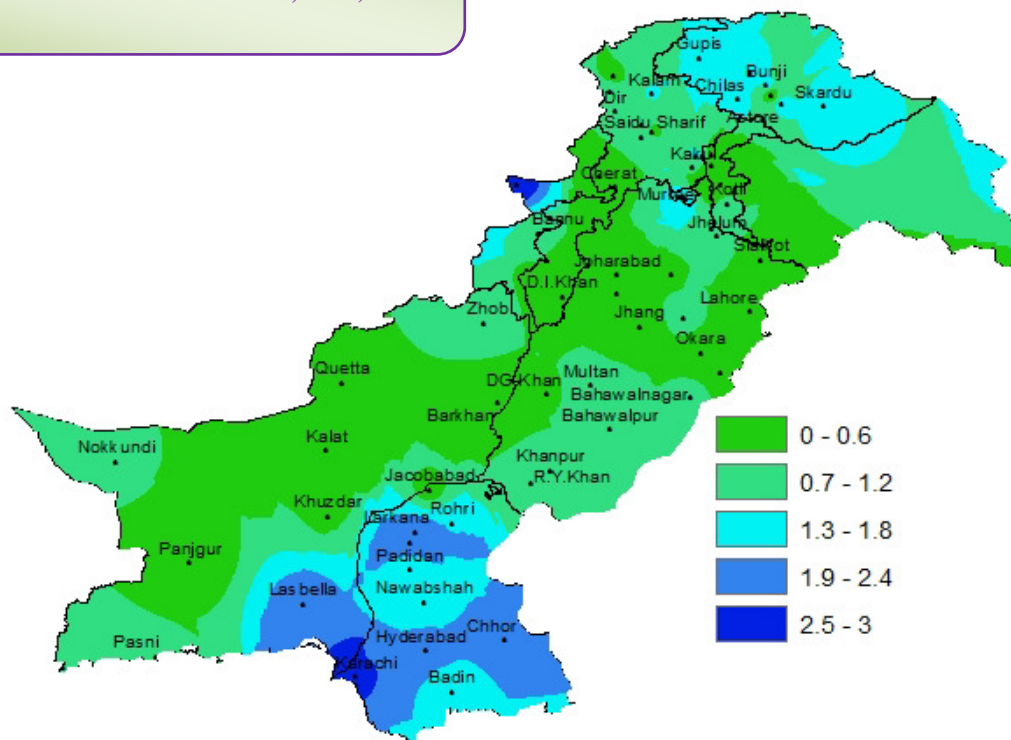
**Mean Wind Speed (Knots) at 1700 PST during the
Previous week (from 17th to 23rd November, 2014)**



Mean Cloudiness (Oktas) at 0800PST during the
Previous week (from 17th to 23rd November, 2014)



Mean Cloudiness (Oktas) at 1700PST during the
Previous week (from 17th to 23rd November, 2014)



Weekly Weather Advisory for Farmers
(From 24th to 30th November, 2014)

Continental air would prevail over most parts of the country during next few days.

MONDAY

24-11-2014

Mainly cold and dry weather is expected in most parts of the country; however, light rain is expected at isolated places in Gilgit-Baltistan.

TUESDAY

25-11-2014

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

WEDNESDAY

26-11-2014

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

THURSDAY

27-11-2014

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

FRIDAY

28-11-2014

Mainly cold and dry weather is expected in most parts of the country; however, rain-thunderstorm (light snowfall over the hills) is expected at isolated places in Malakand division and Gilgit-Baltistan.

SATURDAY

29-11-2014

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

SUNDAY

30-11-2014

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

Advises for Crops

- Farmers are advised to complete wheat sowing in time. Late sowing varieties may be sown to reduce expected loss in yield due to late sowing of the crop.
- Due to mostly dry weather expected in the agricultural plains, farmers are advised to give first irrigation to wheat crop after 20 – 24 days after sowing of wheat crop.

National Weather Data of Selected Cities**(Weekly Data From 17th to 23rd November, 2014)**

Stations	Minimum/Night time Temperature (°C)		Growin g Deg. Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800PST	Cloudiness (Oktas) 1700PST	Wind Speed (Knots) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Lowest							
Astore	-1.4	-2.6	5.5	47	0	2.1	1.7	1.1	1.1
Badin	18.0	17	142.3	55	0	0.9	0.4	1.4	1.7
Bahawalnagar	11.9	11.5	108.1	84	0	0.3	0.4	0.0	0.0
Bahawalpur	11.3	10.4	107.7	55	0	0.0	0.4	0.0	0.3
Balakot	3.8	2.8	58.8	59	0	0.0	0.3	0.0	0.0
Bannu	5.7	5	76.0	36	0	0.0	0.0	0.3	1.4
Barkhan	7.9	6.5	106.3	16	0	0.0	0.3	0.6	1.1
Bunji	3.6	2.8	43.6	44	0	2.6	2.7	0.0	0.3
Cherat	9.2	8.5	63.6	36	0	0.0	0.0	2.6	1.7
Chhor	14.6	11.5	***	49	0	0.3	0.9	0.3	2.6
Chilas	4.9	4.5	48.9	38	0	1.6	1.1	0.0	0.6
Chitral	-0.7	-1.6	28.5	49	0	0.3	2.1	0.0	0.0
D.G.Khan	11.3	11	100.5	59	0	0.1	0.4	1.1	1.4
D.I.Khan	6.6	5	83.4	65	0	0.0	0.0	0.3	0.3
Dir	0.5	0	38.3	60	0	0.0	0.7	0.0	1.1
Drosh	1.4	1	37.4	30	0	0.3	2.1	0.0	12.6
Faisalabad	8.3	7.7	88.1	55	0	0.4	0.0	0.0	0.0
Garidopatta	4.9	4.5	64.5	66	0	0.0	0.0	0.0	0.0
Gawader	17.2	15.5	145.8	50	0	0.6	1.0	0.0	5.0
Gilgit	-1.5	-2	26.1	66	0	3.7	2.7	0.0	2.3
Gupis	-1.7	-3	8.0	40	0	0.0	1.1	1.7	0.0
Hyderabad	17.3	16	137.1	43	0	1.1	1.0	0.0	2.9

Islamabad	5.2	5	71.4	67	0	0.0	0.7	0.0	0.0
Jacobabad	10.7	9.5	107.6	57	0	0.0	0.9	0.0	0.0
Jhang	7.5	6.3	88.7	67	0	0.0	0.0	0.0	0.0
Jhelum	7.7	6.5	86.4	70	0	0.4	0.9	0.0	0.3
Jiwani	17.7	16.5	143.8	48	0	2.4	3.1	1.1	4.6
Joharabad	7.0	6.5	86.6	71	0	0.0	0.4	0.0	0.0
Kakul	3.7	3	53.8	58	0	0.0	0.0	0.0	0.6
Kalam	-0.6	-2.3	20.4	47	0	0.0	1.4	0.0	0.0
Kalat	-0.8	-3	***	37	0	0.0	0.0	0.0	0.3
Karachi	18.1	16.5	144.9	50	0	1.4	3.0	0.6	4.9
Khanpur	9.1	8.5	100.5	66	0	0.0	0.6	0.3	0.3
Khuzdar	10.8	9.5	115.9	25	0	0.0	0.0	0.0	0.0
Kotli	6.2	5.4	78.7	63	0	0.6	0.4	0.7	0.0
Lahore	10.6	10	90.9	62	0	0.3	0.0	0.0	0.6
Larkana	13.1	12.5	113.5	52	0	0.3	1.4	0.3	1.4
Lasbella	10.8	8.5	140.9	45	0	0.4	2.4	0.9	1.1
Lower Dir	3.7	3	53.5	55	0	0.0	0.0	0.6	0.6
Malam Jabba	4.5	2	22.1	54	0	0.0	1.0	0.0	0.0
M.B Din	9.3	8.5	85.7	73	0	0.6	0.4	0.3	0.0
Mangla	7.0	6.7	81.1	64	0	0.3	0.9	0.0	0.0
Mir Khani	1.9	1	42.2	55	0	0.0	0.4	0.0	0.6
Moinjodaro	10.0	9	104.5	59	0	0.0	1.0	0.0	2.6
Multan	10.6	10.3	96.6	63	0	0.0	1.3	0.0	0.0
Murree	6.9	5	50.5	40	0	0.0	0.0	0.3	1.1
Muzaffarabad	4.6	3.8	60.4	67	0	0.0	0.4	0.0	0.0
Nokkundi	7.9	5.3	117.1	14	0	0.0	0.9	0.9	16.4

Noorpurthal	7.8	7	95.2	72	0	0.0	0.0	0.0	0.0
Okara	9.2	8.5	94.1	68	0	0.3	0.3	0.0	0.0
Padidan	13.4	11.5	117.9	60	0	0.0	1.1	0.0	2.0
Panjgur	7.2	5.5	107.3	42	0	0.0	0.4	7.4	9.7
Parachinar	2.9	2.3	24.6	59	0	0.0	0.0	4.1	5.0
Pasni	14.5	11.5	139.6	53	0	1.0	1.4	0.9	4.9
Peshawar	7.2	6.8	77.0	69	0	0.0	0.6	0.0	0.0
Quetta	2.5	0.2	37.9	23	0	0.8	0.7	0.9	3.1
Rahim Yar Khan	9.9	8.8	104.5	53	0	0.0	0.6	0.0	0.0
Rawalakot	0.2	-0.7	37.6	57	0	0.0	0.0	0.0	0.3
Rohri	13.4	11.5	113.1	54	0	0.0	0.3	0.6	1.1
Rawalpindi	4.2	3.5	67.5	64	0	0.0	0.0	0.3	0.6
Sahiwal	7.7	7	86.8	62	0	0.0	0.0	0.0	0.0
Saidu Sharif	4.3	3.5	52.4	56	0	0.0	0.3	0.0	0.0
Sialkot	8.6	8.5	82.7	72	0	0.3	0.0	0.0	0.3
Sibbi	12.8	11.5	157.8	38	0	0.6	0.6	0.0	0.6
Skardu	-4.5	-4.9	-3.6	61	0	2.3	2.0	0.0	0.3
Tandojam	14.1	13	127.8	57	0	0.0	0.9	0.6	0.0
Usta.M	11.1	9.5	108.5	65	0	0.0	0.3	0.1	0.0
Zhob	3.6	3	85.9	24	0	0.0	0.0	4.3	5.6

**** *Shows that data was not available.*