

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 3rd to 9th 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:

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

Patron-in-Chief: Hazrat Mir (Director General)
Chief Editor: Dr. Khalid Mahmood Malik (Director)
Editor: Khalida Noureen (Meteorologist)

Past Weather of Provinces (From 3rd to 9th November, 2014)

Punjab

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 26.6°C & 14.6°C respectively. For the present season average 110.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 70% and wind speed in the morning/evening 0.9/1.6 Knots. During the previous week highest amount of rainfall reported at Lahore 29.6mm and lowest minimum temperature was recorded 4.0°C at Murree.

Balochistan

Light rainfall reported at few places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 25.6°C & 13.3°C respectively. For the present season average 109.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 52% and wind speed in the morning/evening recorded 1.2/5.4 Knots. During the previous week highest amount of rainfall reported at Kalat 26.0mm and lowest minimum temperature was recorded -6.2°C at Kalat.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 19.6°C & 8.2°C respectively. For the present season average 60.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 70% and wind speed in the morning/evening recorded 0.7/1.2 Knots. During the previous week highest amount of rainfall reported at Kalam 65.0 mm and lowest minimum temperature was recorded -1.0°C at Kalam.

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 17.9°C & 6.6°C respectively. For the present season average 50.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 64% and wind speed in the morning/evening recorded 0.5/1.3 Knots. During the previous week highest amount of rainfall reported at Astore 31.0mm and lowest minimum temperature was recorded -1.6°C at Skardu.

Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 31.7°C & 19.7°C respectively. For the present season average 141.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 62% and wind speed in the morning/evening recorded 2.2/4.0 Knots. During the previous week lowest minimum temperature was recorded 11.5°C at Jacobabad.

Past Weather for Major Agricultural Plains **(From 3rd to 9th November, 2014)**

Rawalpindi (Potohar region)

Rainfall reported as 5.8mm during the week; however cloudiness in the morning/evening recorded 1.9/4.0 Oktas while, average relative humidity observed 69%. Mean night time temperature was recorded 11.0°C & for the present season 85.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.7 Knots.

Quetta (Northern Balochistan)

Rainfall reported as 3.4mm during the week; however cloudiness in the morning/evening recorded 4.3/4.0 Oktas while, average relative humidity observed as 44%. Mean night time temperature recorded 6.4°C & for the present season 51.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.2/3.7 Knots.

Faisalabad (Central Punjab)

Rainfall reported as 22.0mm during the week; however cloudiness in the morning/evening recorded 1.7/2.7 Oktas while average relative humidity observed as 66%. Mean night time temperature recorded 15.0°C & for the present season 112.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.1/0.5 Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/0.7 Oktas while, average relative humidity observed as 66%. Mean night time temperature recorded 17.8°C & for the present season 136.0 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; while average relative humidity observed as 59%. Mean night time temperature was recorded 19.4°C & for the present season 158.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.3/1.2 Knots.

Past Weather for Sub-Regional Agricultural Plains (From 3rd to 9th November, 2014)

Multan

Rainfall reported as 0.2mm during the week; however cloudiness in the morning/evening recorded 0.4/0.5 Oktas while, average relative humidity observed as 57%. Mean night time temperature recorded 16.3°C & for the present season 120.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 6.8/8.5 Knots.

Lahore

Rainfall reported as 29.0mm during the week; however cloudiness in the morning/evening recorded 1.4/2.2 Oktas while, average relative humidity observed as 61%. Mean night time temperature recorded 15.5°C & for the present season 118.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.8/4.8 Knots.

Rohri

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.5 Oktas while, average relative humidity observed as 53%. Mean night time temperature recorded 19.9°C & for the present season 137.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.6/3.0 Knots.

Zhob

Rainfall reported as 10.0mm during the week; however cloudiness in the morning/evening recorded 0.0/2.0 Oktas while, average relative humidity observed as 48%. Mean night time temperature recorded 7.5°C & for the present season 68.8 growing degree days accumulated by the end of last week. Windspeed recorded in the morning/evening as 5.0/5.0 Knots.

Murree

Rainfall reported as 18.0mm during the week; however cloudiness in the morning/evening recorded 2.0/4.4 Oktas while, average relative humidity observed as 71%. Mean night time temperature recorded 6.9°C & for the present season 45.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.2/1.6 Knots.

D.I. Khan

Rainfall reported as 6.0mm 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 12.3°C & for the present season 10.3.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.8/0.8 Knots.

Peshawar

Rainfall reported as 1.1mm during the week; however cloudiness in the morning/evening recorded 1.6/1.2 Oktas while, average relative humidity observed as 56%. Mean night time temperature recorded 12.2°C & for the present season 96.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.2/3.6 Knots.

Kalam

Rainfall reported as 65.0mm during the week; however cloudiness in the morning/evening recorded 0.0/1.2 Oktas while, average relative humidity observed as 53%. Mean night time temperature recorded 1.4°C & for the present season 10.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.2 Knots.

Gilgit

Rainfall reported as 3.5mm during the week; however cloudiness in the morning/evening recorded 1.8/2.0 Oktas while, average relative humidity observed as 49%. Mean night time temperature recorded 5.8°C & for the present season 51.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/2.4 Knots.

Skardu

Rainfall reported as 7.1mm during the week; however cloudiness in the morning/evening recorded 1.4/2.8 Oktas while, average relative humidity observed as 32%. Mean night time temperature recorded 1.8°C & for the present season 20.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/0.8 Knots.

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

Potohar Region (Rawalpindi)

There is presently no crop in the fields of 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.

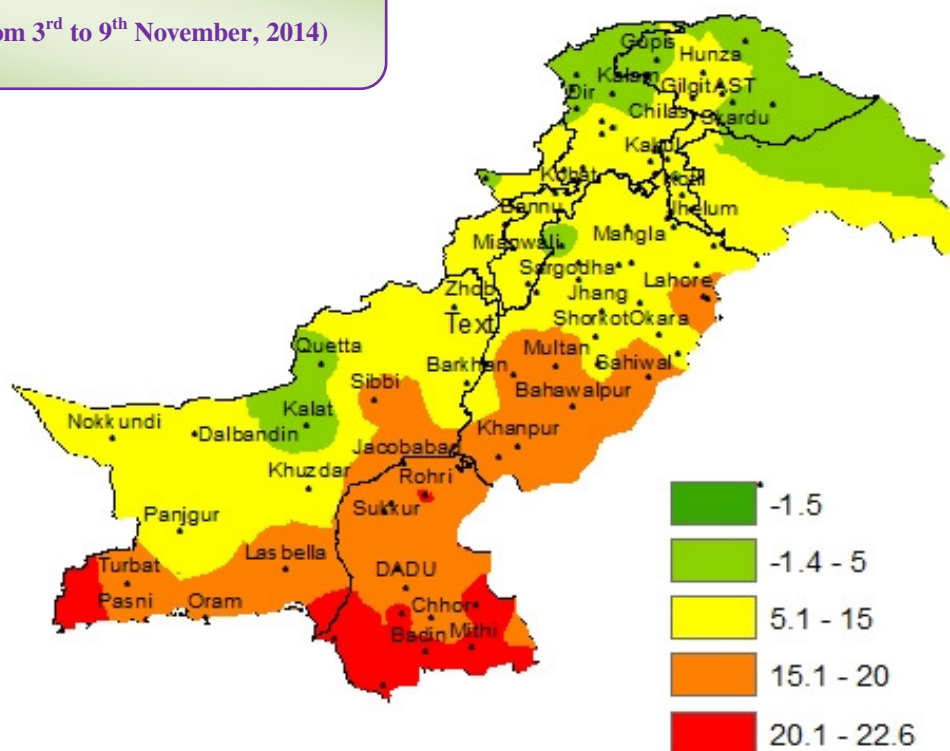
Eastern Balochistan (Usta Muhammad)

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

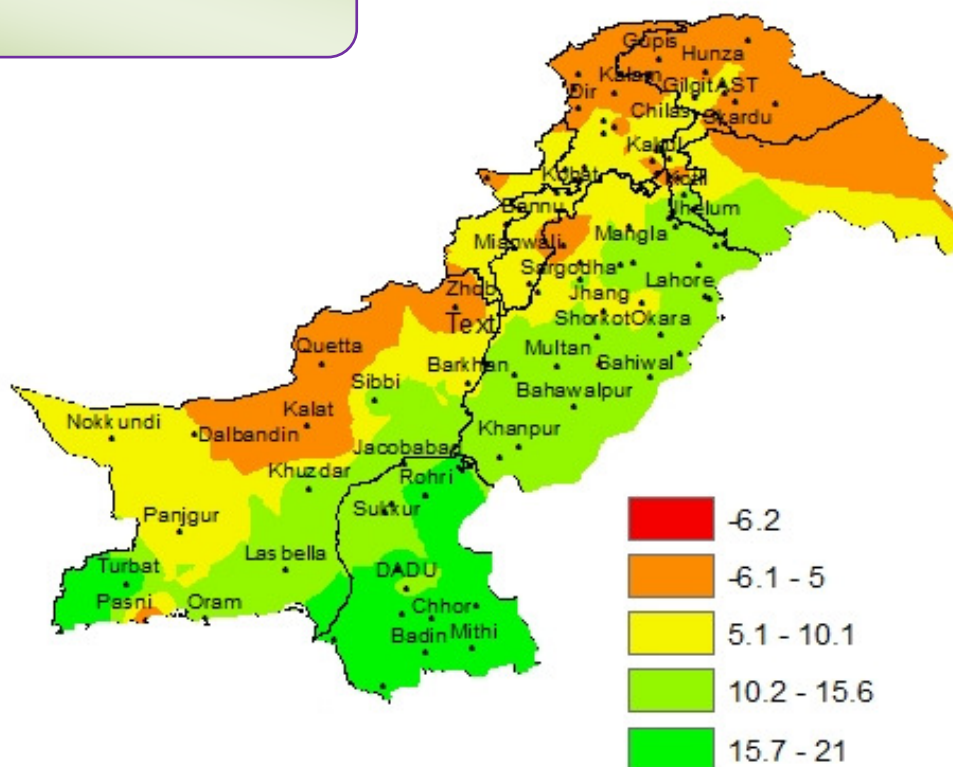
Rice: Good condition at *Harvesting stage*.

Wheat: Fields are ready for wheat crop.

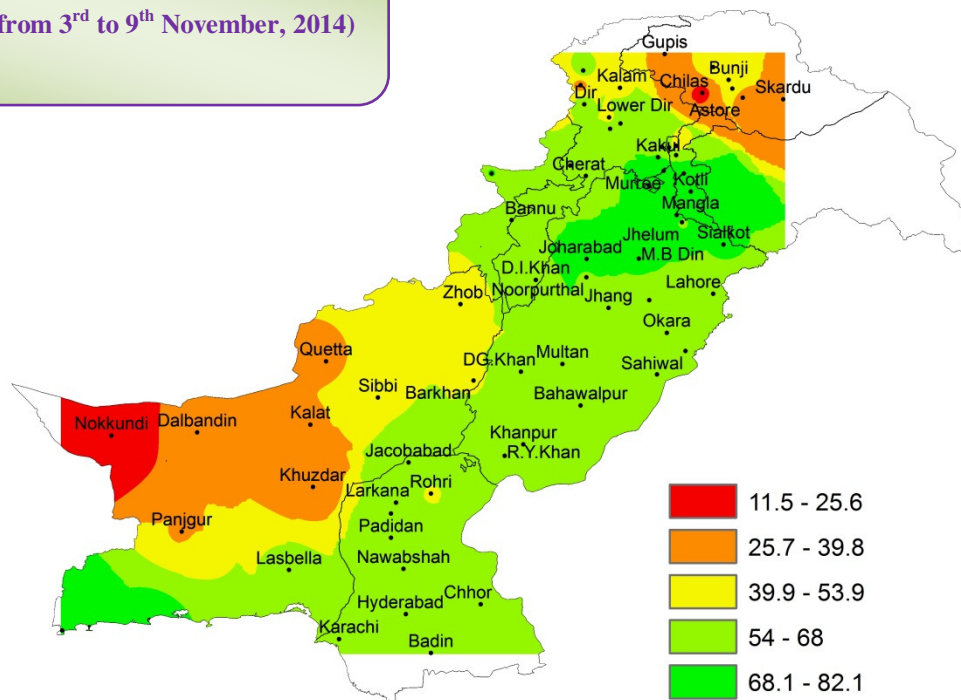
Mean Minimum Temperature ($^{\circ}\text{C}$) during the
Previous week (from 3rd to 9th November, 2014)



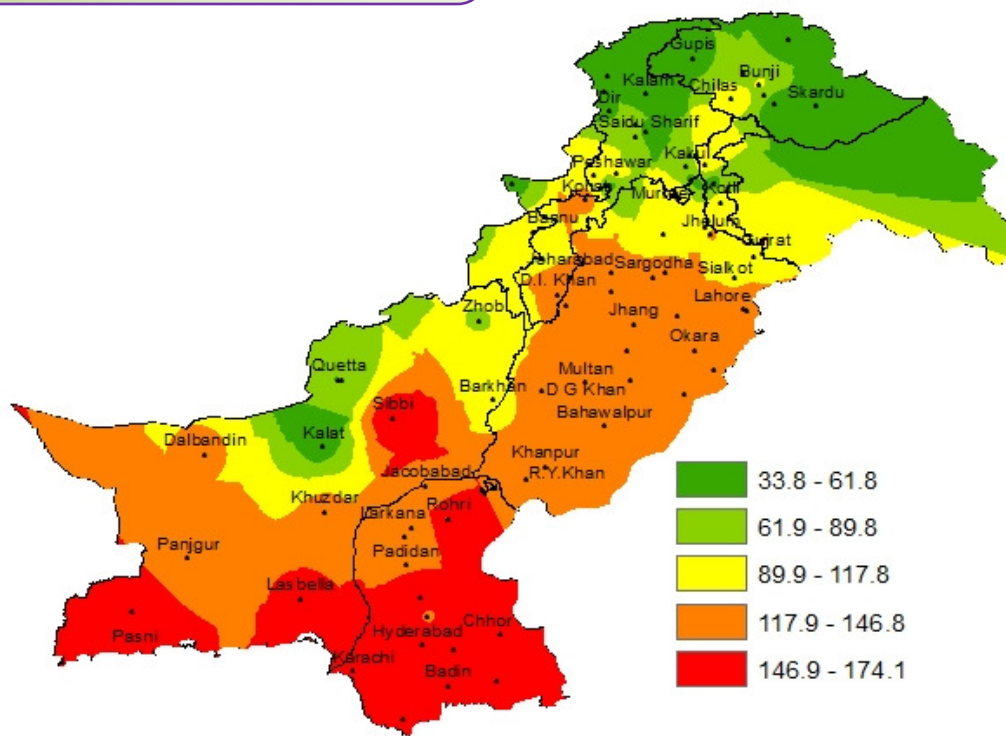
Lowest Minimum Temperature ($^{\circ}\text{C}$) during the
Previous week (from 3rd to 9th November, 2014)



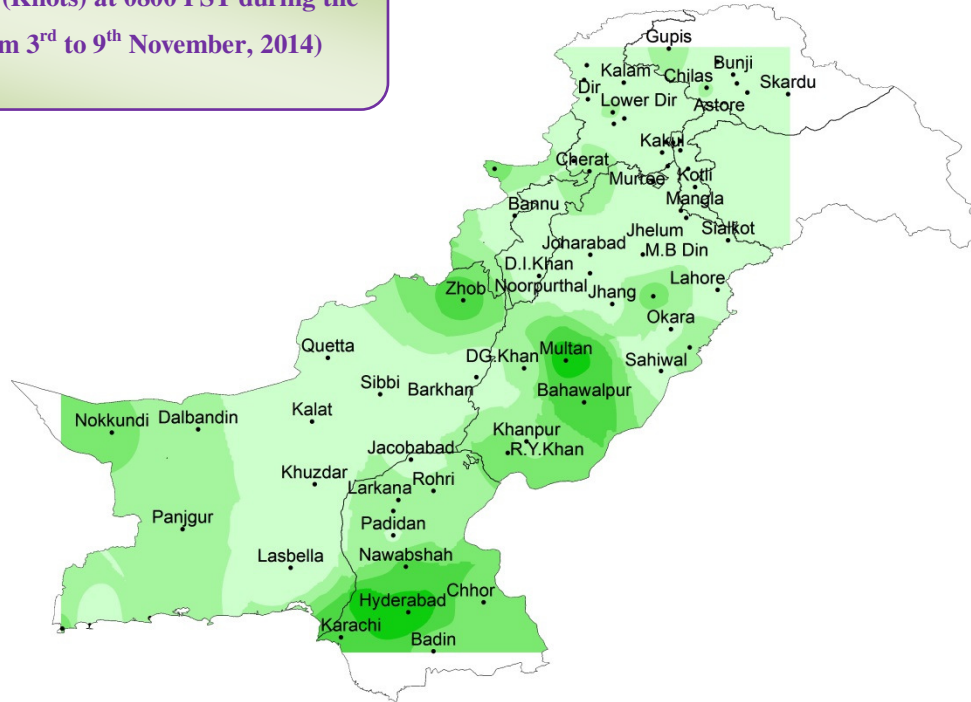
Mean Relative Humidity (%) during the
Previous week (from 3rd to 9th November, 2014)



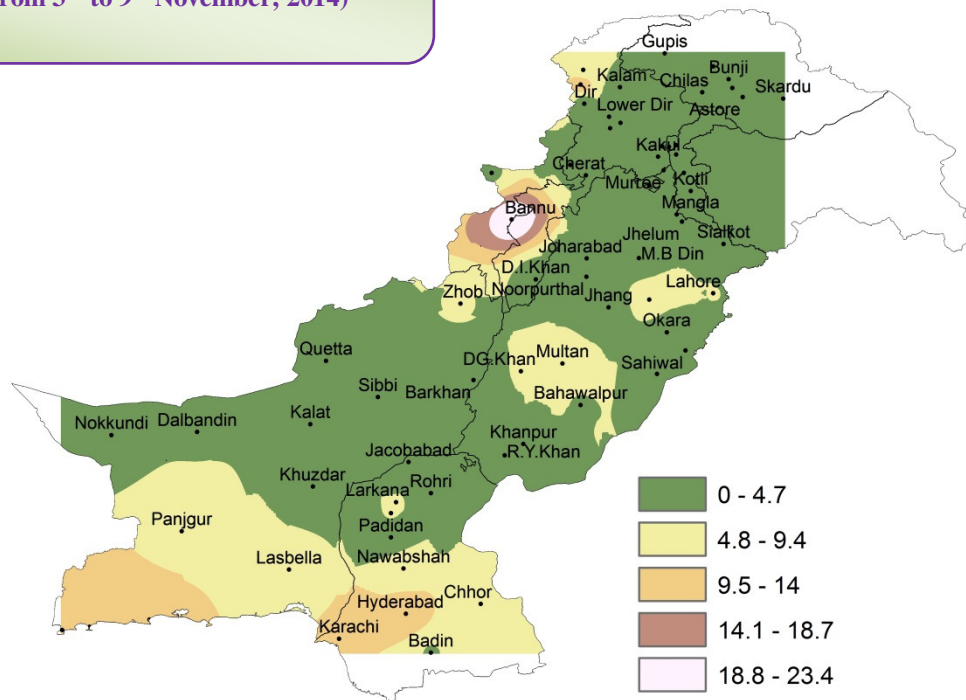
Total Growing Degree Days accumulated during the
Previous week (from 3rd to 9th November, 2014)



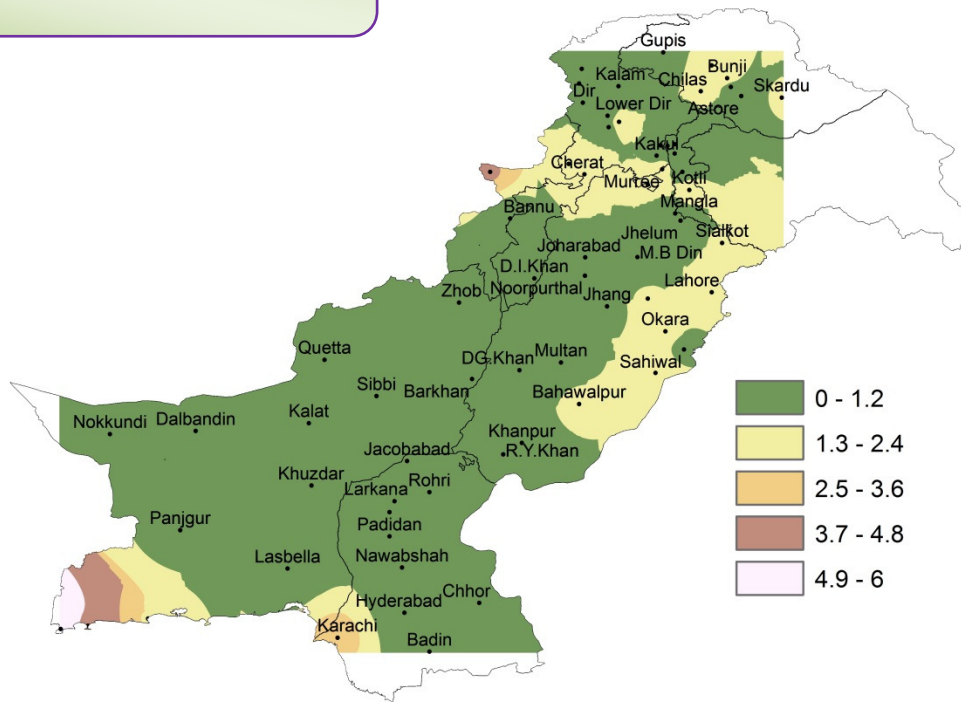
Mean Wind Speed (Knots) at 0800 PST during the
Previous week (from 3rd to 9th November, 2014)



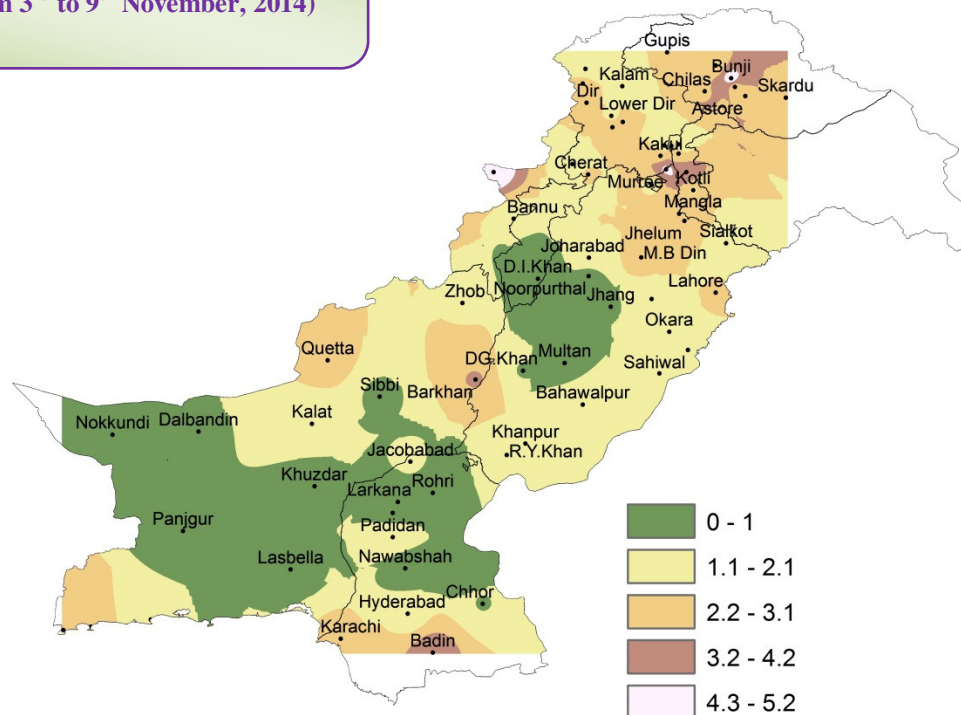
Mean Wind Speed (Knots) at 1700 PST during the
Previous week (from 3rd to 9th November, 2014)



Mean Cloudiness (Oktas) at 0800PST during the
Previous week (from 3rd to 9th November, 2014)



Mean Cloudiness (Oktas) at 1700PST during the
Previous week (from 3rd to 9th November, 2014)



Weekly Weather Advisory for Farmers
(From 10th to 16th November, 2014)

A western disturbance is presently giving rain over Afghanistan and its adjoining areas & likely to approach western borders of the country during evening and likely to grip upper and central parts of the country during next 24 hours and may persist till Saturday. Under the influence of this weather system expected weather will remain as under:-

MONDAY
(10-11-2014)

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

TUESDAY
(11-11-2014)

Mainly dry weather in plain areas whereas cold & dry weather expected in upper parts of the country.

WEDNESDAY
(12-11-2014)

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

THURSDAY
(13-11-2014)

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

FRIDAY
(14-11-2014)

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

SATURDAY
(15-11-2014)

Mainly cold and dry weather is expected in most parts of the country; however, partly cloudy weather conditions with light rain is expected at one or two places of Gilgit-Baltistan.

SUNDAY
(16-11-2014)

Mainly cold and dry weather is expected in most parts of the country; however, partly cloudy weather conditions with light rain is expected at one or two places of Gilgit-Baltistan.

Advises for Crops

- Pest/viral attacks and more weeds growth are expected after heavy monsoon rains in sugarcane and other standing crops in upper parts of the country. Farmers are therefore advised to take in time precautionary measures in this regard.
- Farmers of cotton, sugarcane, rice and other standing crops are advised to be aware of the adverse effects of stagnant water in the fields. Mechanism for drainage of stagnant water from fields should be evolved on priority basis and necessary requirements in this regard should be taken.

National Weather Data of Selected Cities**(Weekly Data from 3rd to 9th 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	-1.5	14.2	36	31.0	0.6	2.8	0.4	2.8
Badin	21.3	18.5	149.0	61	0.0	0.0	4.0	3.2	4.4
Bahawalnagar	17.4	15.0	130.2	55	0.0	1.8	1.8	1.0	2.8
Bahawalpur	16.1	11.9	126.2	61	0.1	1.6	2.0	4.8	4.4
Balakot	9.2	8.0	69.3	65	24.0	1.2	1.3	0.0	0.0
Bannu	11.1	9.0	95.1	56	0.1	0.0	1.2	0.0	23.4
Barkhan	12.2	9.5	93.5	53	0.0	0.4	3.2	0.0	1.6
Bunji	9.0	8.3	62.3	40	2.0	2.0	5.0	0.0	0.8
Cherat	8.9	6.5	55.8	66	19.0	1.6	2.2	2.4	3.2
Chhor	20.5	19.0	160.5	64	0.0	0.0	1.0	3.6	5.2
Chilas	9.4	7.5	70.7	22	0.0	1.2	3.0	1.6	2.5
Chitral	3.2	-0.6	32.0	60	46.0	0.0	1.0	0.0	4.8
D.G.Khan	16.9	14.5	122.3	58	0.1	0.0	1.0	1.6	4.8
D.I.Khan	12.3	8.5	103.8	65	6.0	0.0	0.0	0.8	0.8
Dalbandin	10.9	5.0	98.8	33	0.0	0.0	1.0	1.6	4.4
Dir	3.8	1.0	30.1	60	57.0	1.2	2.4	0.0	2.0
Drosh	1.9	-0.6	28.2	34	48.0	0.0	2.6	0.0	13.2
Faisalabad	15.0	9.7	112.2	66	22.0	1.7	2.7	0.1	0.5
Garidopatta	9.1	8.0	76.8	67	12.0	0.0	2.2	0.0	0.8
Gawader	21.1	20.0	153.8	68	0.0	4.6	2.4	0.0	11.0
Gilgit	5.8	2.0	51.5	49	3.5	1.8	2.0	0.0	2.4
Gupis	4.1	2.0	28.5	36	0.1	0.6	2.4	2.0	2.4

Hyderabad	21.3	20.0	154.3	60	0.0	0.4	1.4	7.2	13.2
Islamabad	10.9	10.0	90.4	68	9.0	1.4	1.8	0.0	1.0
Jacobabad	16.0	11.5	130.5	63	0.0	0.0	1.2	0.8	2.0
Jhang	12.8	9.0	114.3	60	6.0	1.0	1.0	1.2	0.8
Jhelum	13.6	11.1	106.3	68	1.2	0.6	2.8	0.4	2.8
Jiwani	22.1	20.0	150.0	70	0.0	6.0	2.6	3.6	9.6
Joharabad	13.1	8.5	108.9	74	10.0	0.8	2.0	0.8	1.6
Kakul	6.4	4.0	56.6	69	19.0	0.8	2.8	0.0	0.4
Kalam	1.4	-1.0	10.9	53	65.0	0.0	1.2	0.0	1.2
Kalat	-1.5	-6.2	17.7	38	26.0	0.8	1.4	0.4	0.8
Karachi	22.6	21.0	149.2	64	0.0	3.0	2.6	5.6	9.6
Khanpur	15.9	10.5	126.0	65	0.0	0.4	2.0	2.4	2.8
Khuzdar	13.7	12.5	108.0	28	0.0	0.0	0.8	0.0	2.8
Kotli	12.7	11.7	96.6	69	4.0	2.2	2.0	1.2	2.6
Lahore	15.5	14.0	118.2	61	29.0	1.4	2.2	0.8	4.8
Larkana	18.1	15.0	132.0	60	0.0	0.0	0.6	2.4	4.8
Lasbella	17.1	11.5	143.0	59	0.0	0.0	0.4	0.0	6.8
Lower Dir	9.8	8.0	74.5	50	22.0	0.8	1.8	2.4	3.6
MalamJabba	4.2	3.0	15.8	67	31.0	1.6	2.2	0.0	0.8
M.B Din	14.3	12.5	106.7	72	12.0	0.0	2.6	0.0	1.2
Mangla	12.9	11.4	101.3	70	5.0	0.4	2.8	0.8	0.0
Mir Khani	6.3	4.5	49.4	47	23.0	0.8	2.6	0.8	1.6
Moinjodaro	15.1	13.0	122.3	59	0.0	0.0	0.8	2.4	4.8
Multan	16.3	12.0	120.7	57	0.2	0.4	0.5	6.8	8.5
Murree	6.9	4.0	45.0	71	18.0	2.0	4.4	1.2	1.6
Muzaffarabad	9.9	8.8	75.2	63	19.0	0.4	2.6	0.0	1.2

Nokkundi	11.9	5.3	107.9	12	0.0	0.0	0.0	3.2	3.2
Noorpurthal	13.3	10.5	111.3	67	12.0	0.6	0.6	0.0	1.2
Okara	14.6	10.8	116.6	60	0.0	1.4	1.6	0.8	1.2
Padidan	18.2	15.5	149.0	63	0.0	0.0	1.6	1.2	3.2
Panjgur	10.0	5.5	82.5	39	0.0	0.0	0.2	2.4	7.2
Parachinar	3.7	3.5	34.6	68	34.0	3.8	5.2	3.4	3.8
Pasni	16.2	2.0	136.8	75	0.0	2.3	1.4	2.0	12.4
Peshawar	12.2	9.0	96.0	56	1.1	1.6	1.2	1.2	3.6
Quetta	6.4	-3.0	51.1	44	3.4	4.3	4.0	2.4	3.7
Rahim Yar Khan	17.4	13.8	135.1	60	0.0	0.0	1.2	3.6	4.2
Rawalakot	4.2	2.5	43.5	82	17.0	0.0	4.2	0.0	1.2
Rohri	19.9	17.0	137.0	53	0.0	0.0	0.5	1.6	3.0
Rawalpindi	11.0	9.3	85.5	69	5.8	1.9	4.0	0.3	0.7
Sahiwal	14.4	12.0	120.8	62	0.1	1.0	2.0	2.8	2.4
Saidu Sharif	9.3	8.0	69.9	58	4.0	1.0	2.8	0.6	2.0
Sialkot	14.3	13.8	104.2	69	9.1	1.4	1.3	0.0	1.0
Sibbi	17.3	11.0	130.5	51	0.0	0.8	0.8	0.0	0.0
Skardu	1.8	-1.6	20.4	32	7.1	1.4	2.8	0.0	0.8
Tandojam	19.4	16.5	158.3	59	0.0	0.0	0.0	0.3	1.2
Usta.M	17.8	12.5	136.0	66	0.0	1.0	0.7	0.1	0.0
Zhob	7.5	2.5	68.8	48	10.0	0.0	2.0	5.0	5.0

*** Shows that data was not available.