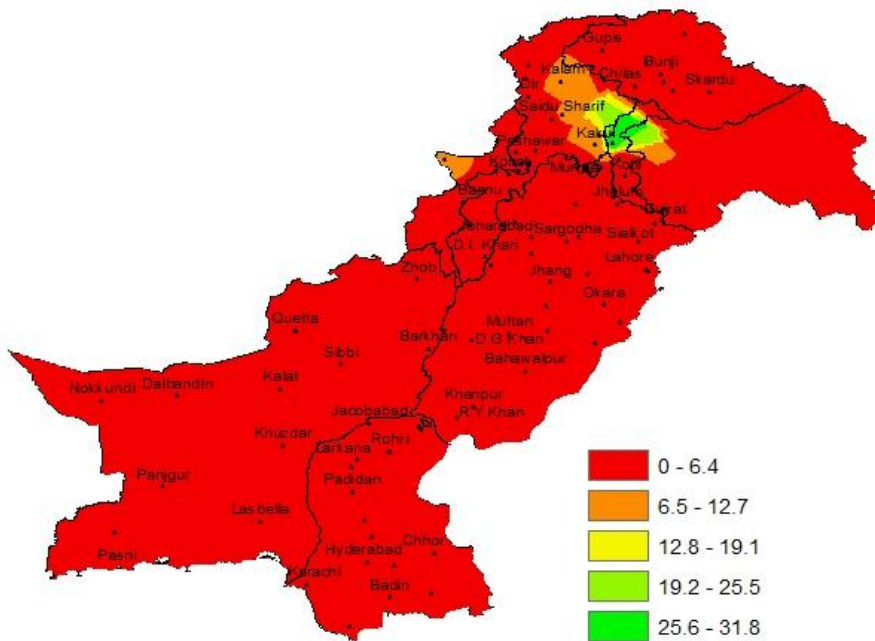


Weekly Weather and Crop Bulletin for Pakistan

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

Phone: +92-51-9250592

Email: dirnamc@yahoo.com



**Rainfall Distribution (mm) during the
Previous Week (From 26th Oct to 1st Nov, 2015)**

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

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

Chief Editor: Ch. Muhammad Aslam (Director)

Editor: Asma Jawad Hashmi (Deputy Director)

Highlights of Past Weather (From 26th Oct to 1st Nov, 2015)

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 Khyber Pakhtunkhwa, Punjab and Gilgit-Baltistan & Kashmir regions.
- Rainfall reported from a single place, Lasbella (3.0mm) in Balochistan.
- Dry weather was reported in Sindh.

Past Weather of Provinces (From 26th Oct to 1st Nov, 2015)

Punjab

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 29.0°C & 13.5°C respectively. For the present season average 84.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 67% and wind speed in the morning/evening 0.6/1.3 Knots. During the previous week the highest amount of rainfall was recorded 8.0 mm at Murree & lowest minimum temperature was recorded 2.5°C at Murree.

Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 32.0°C & 18.4°C respectively. For the present season average 117.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 54% and wind speed in the morning/evening recorded 2.2/4.5 Knots. During the previous week the lowest minimum temperature was recorded 10.5°C at Mithi.

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 21.5°C & 5.5°C respectively. For the present season average 27.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 62% and wind speed in the morning/evening recorded 0.6/1.1 knot. During the previous week the highest amount of rainfall was recorded 32.0 mm at Garhi Dopatta & lowest minimum temperature was recorded -2.6°C at Skardu.

Balochistan

Rainfall reported only from a single place, in Balochistan during the week. Weekly maximum and minimum temperatures recorded 29.8°C & 12.5°C respectively. For the present season average 69.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 45% and wind speed in the morning/evening recorded 1.0/4.2 Knots. During the previous week the highest amount of rainfall was recorded 3.2mm .at Lasbella& lowest minimum temperature was recorded -2.5°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 23.7°C & 7.7°C respectively. For the present season average 42.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 65% and wind speed in the morning/evening recorded 0.7/1.5 Knots. During the previous week the highest amount of rainfall was recorded 31.0 mm at Pattan & lowest minimum temperature was recorded -2.0°C at Malamjabba

**Past Weather for Major Agricultural Plains
(From 26th Oct to 1st Nov, 2015)****Rawalpindi (Potohar region)**

Dry weather was reported during the week, however cloudiness in the morning/evening recorded 0.5/2.0 Oktas while, average relative humidity observed as 68%. Mean night time temperature recorded 11.8°C & for the present season 97.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.1/0.3 Knots.

Faisalabad (Central Punjab)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.7/0.9 Oktas while, average relative humidity observed as 65%. Mean night time temperature recorded 14.0°C & for the present season 115.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.5 Knots.

Quetta (Northern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.3/0.4 Oktas while, average relative humidity observed as 24%. Mean night time temperature recorded 6.2°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 0.3/0.5 Knots.

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 53%. Mean night time temperature recorded 15.9°C & for the present season 130.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.5 Knots.

Tandojam (Lower Sindh)

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 59%. Mean night time temperature recorded 16.5°C & for the present season 132.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 1.1/1.2 Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 26th Oct to 1st Nov, 2015)****Multan**

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 15.4°C & for the present season 95.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/2.6 Knots.

Rohri

Rainfall reported as 0.1mm during the week;; however cloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed as 53%. Mean night time temperature recorded 16.2°C & for the present season 115.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.1/1.1 Knots.

Lahore

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/0.9 Oktas while, average relative humidity observed as 62%. Mean night time temperature recorded 15.0°C & for the present season 90.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/2.9 Knots.

Zhob

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 38%. Mean night time temperature recorded 6.3°C & for the present season 37.8 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./0.3 Oktas while, average relative humidity observed as 69%. Mean night time temperature recorded 10.7°C & for the present season 58.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.3 Knots.

Peshawar

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.7/1.6 Oktas while, average relative humidity observed as 73%. Mean night time temperature recorded 10.3°C & for the present season 59.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.1/0.0 Knots.

Murree

Rainfall reported as 8.0 mm during the week; however cloudiness in the morning/evening recorded 1.9/2.7Oktas while, average relative humidity observed as 63%. Mean night time temperature recorded 4.8°C & for the present season 16.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/1.7Knots.

Kalam

Rainfall reported as 11.5mm during the week; however cloudiness in the morning/evening recorded 12.2/1.9 Oktas while, average relative humidity observed as 61%. Mean night time temperature recorded 2.3°C & for the present season 12.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.6 Knots.

Gilgit

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.6/4.1 Oktas while, average relative humidity observed as 74%. Mean night time temperature recorded 3.9°C & for the present season 21.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.0 Knots.

Skardu

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.9/3.4 Oktas while, average relative humidity observed as 55%. Mean night time temperature recorded -0.2°C & for the present season -5.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.7 Knots.

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

Potohar Region (Rawalpindi)

There is presently no crop grown in the fields of RAMC Rawalpindi.

Central Punjab (Faisalabad)

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

Cotton: V. good condition at *First picking* stage.

Lower Sindh (Tandojam)

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

Northern Balochistan (Quetta)

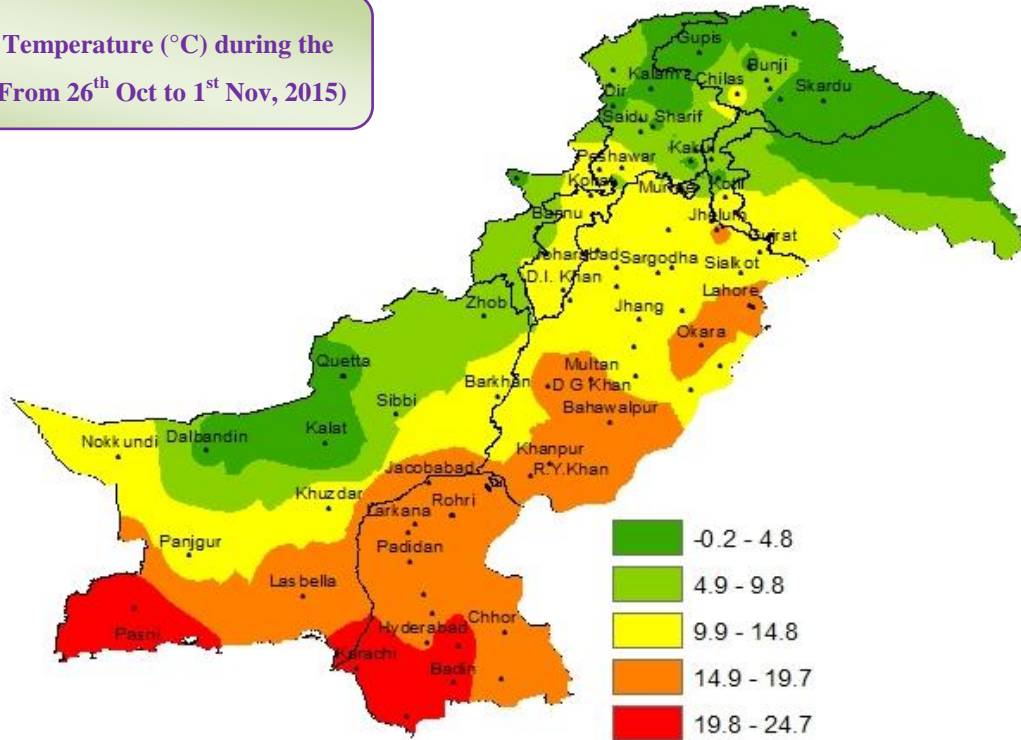
There is presently no crop grown in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

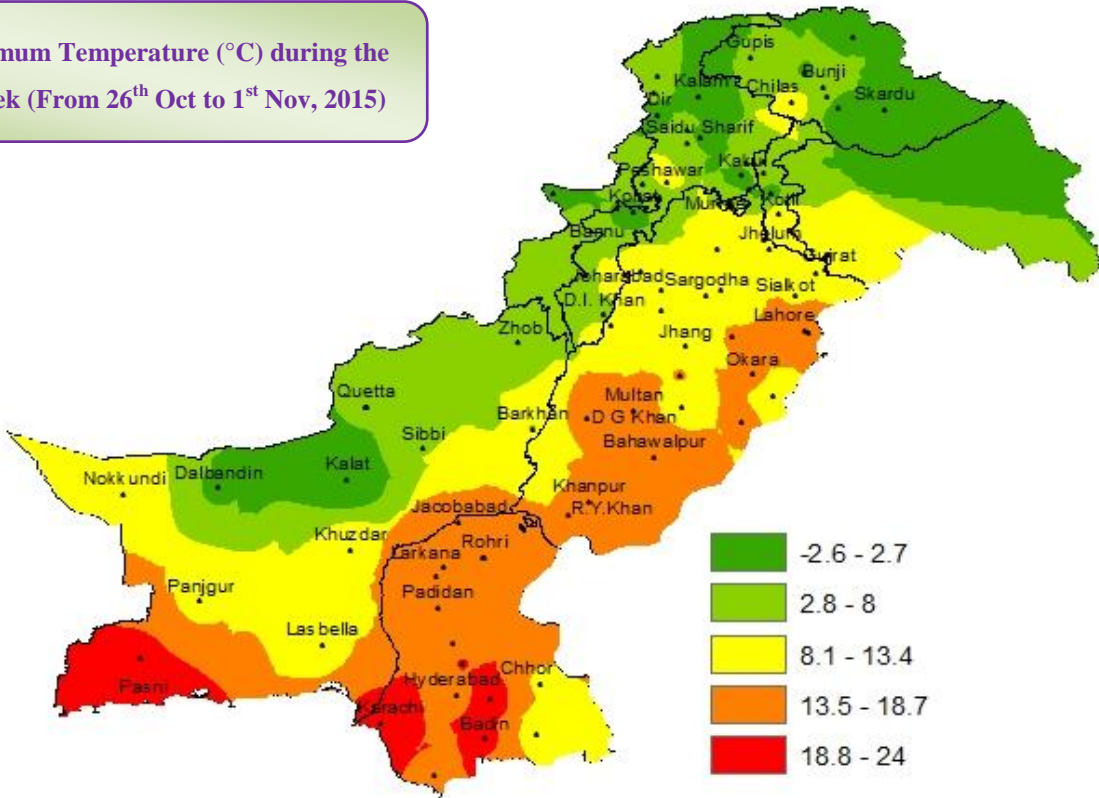
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *Wax Maturity* stage.

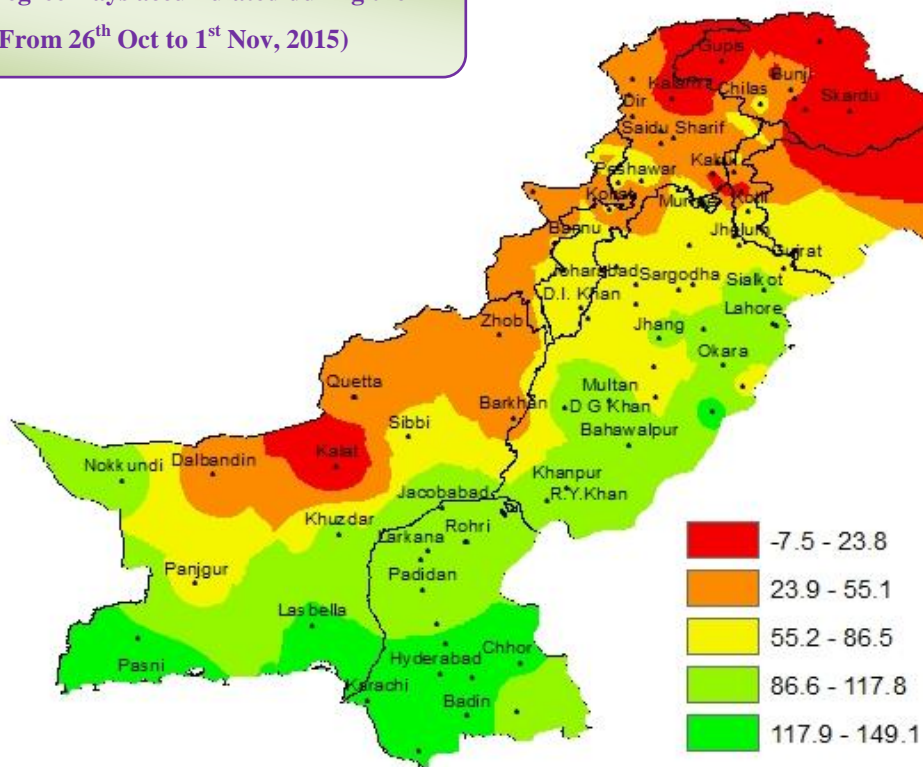
Mean Minimum Temperature (°C) during the Previous Week (From 26th Oct to 1st Nov, 2015)



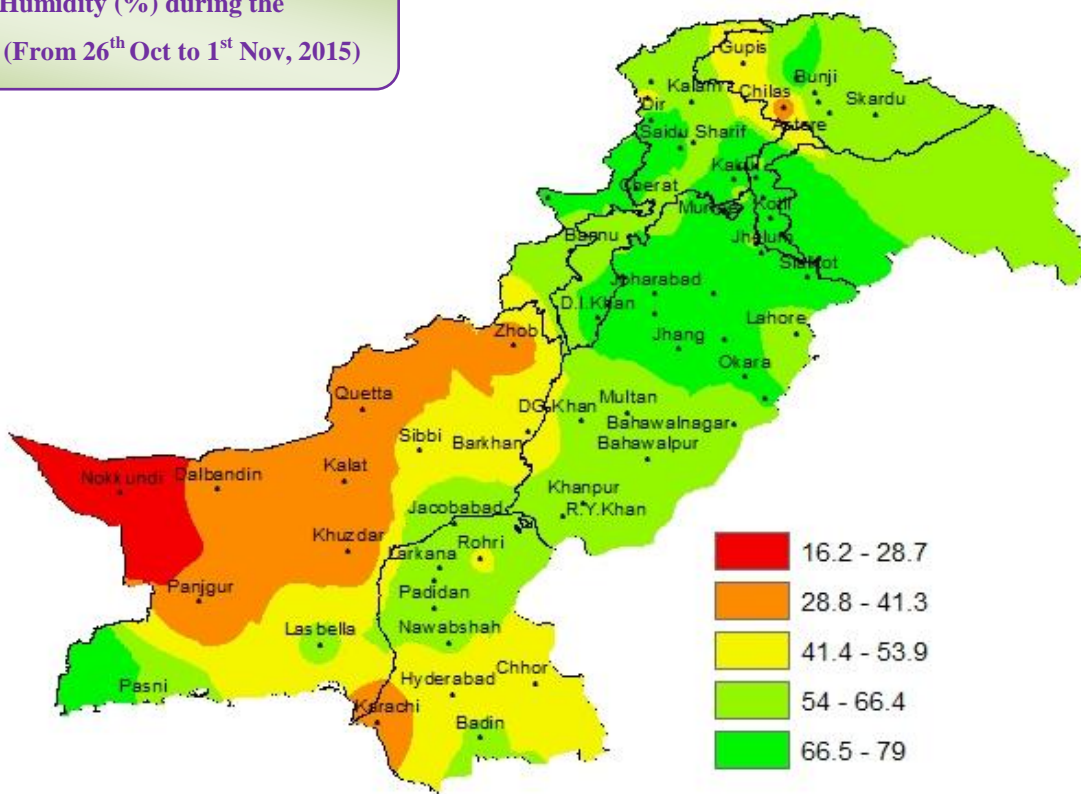
Lowest Minimum Temperature (°C) during the Previous Week (From 26th Oct to 1st Nov, 2015)



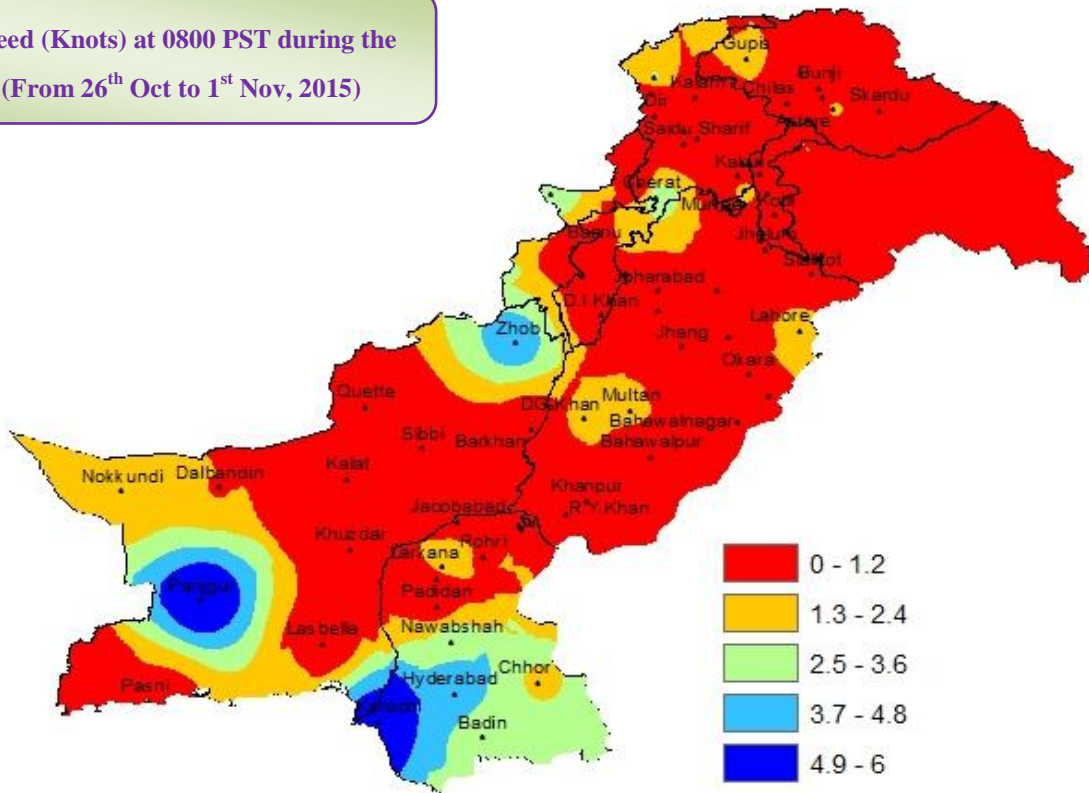
Total Growing Degree Days accumulated during the Previous Week (From 26th Oct to 1st Nov, 2015)



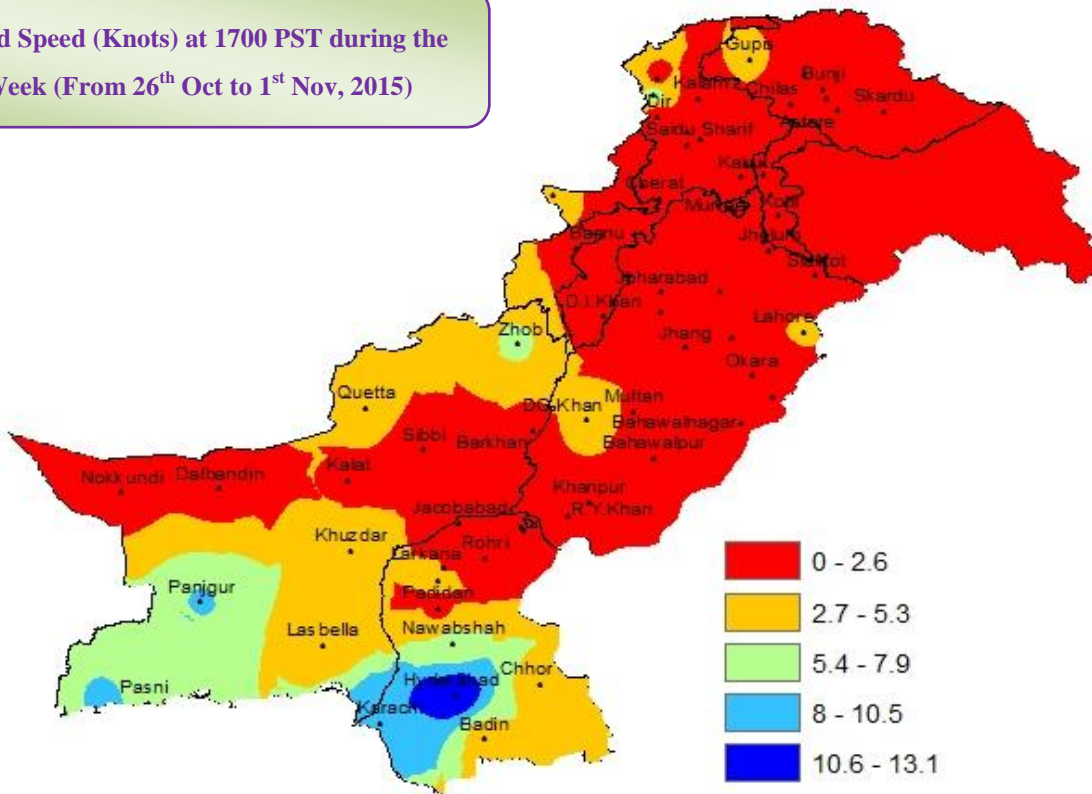
Mean Relative Humidity (%) during the Previous Week (From 26th Oct to 1st Nov, 2015)



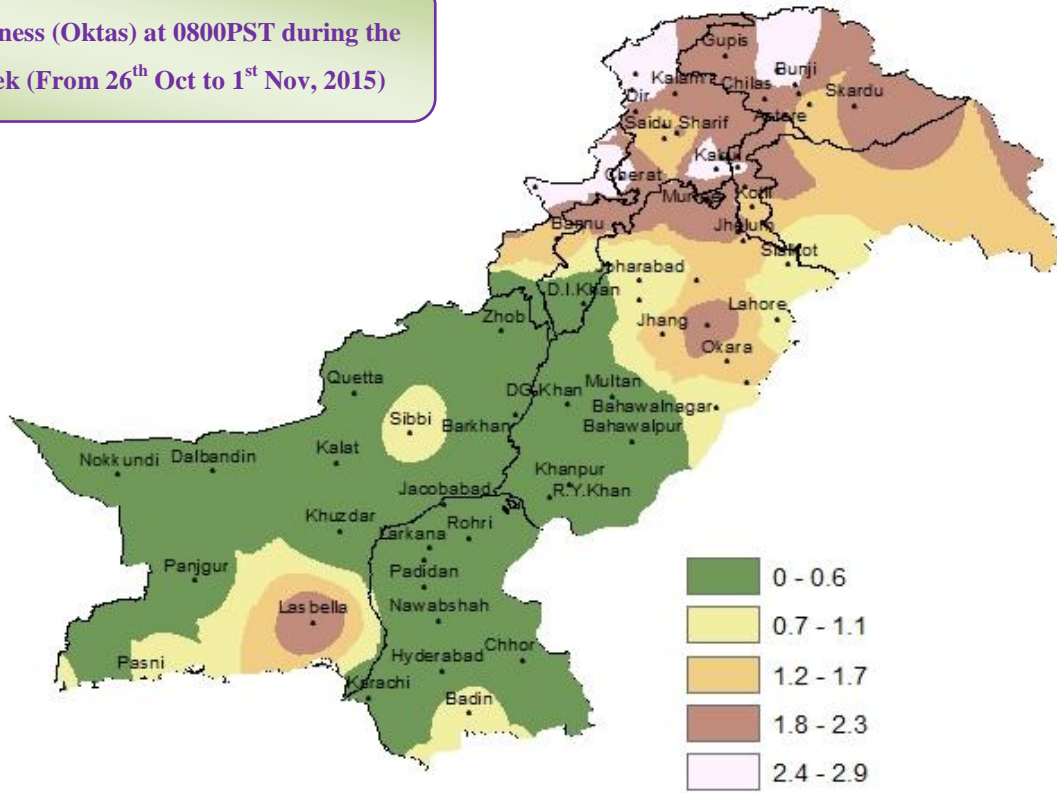
Mean Wind Speed (Knots) at 0800 PST during the Previous Week (From 26th Oct to 1st Nov, 2015)



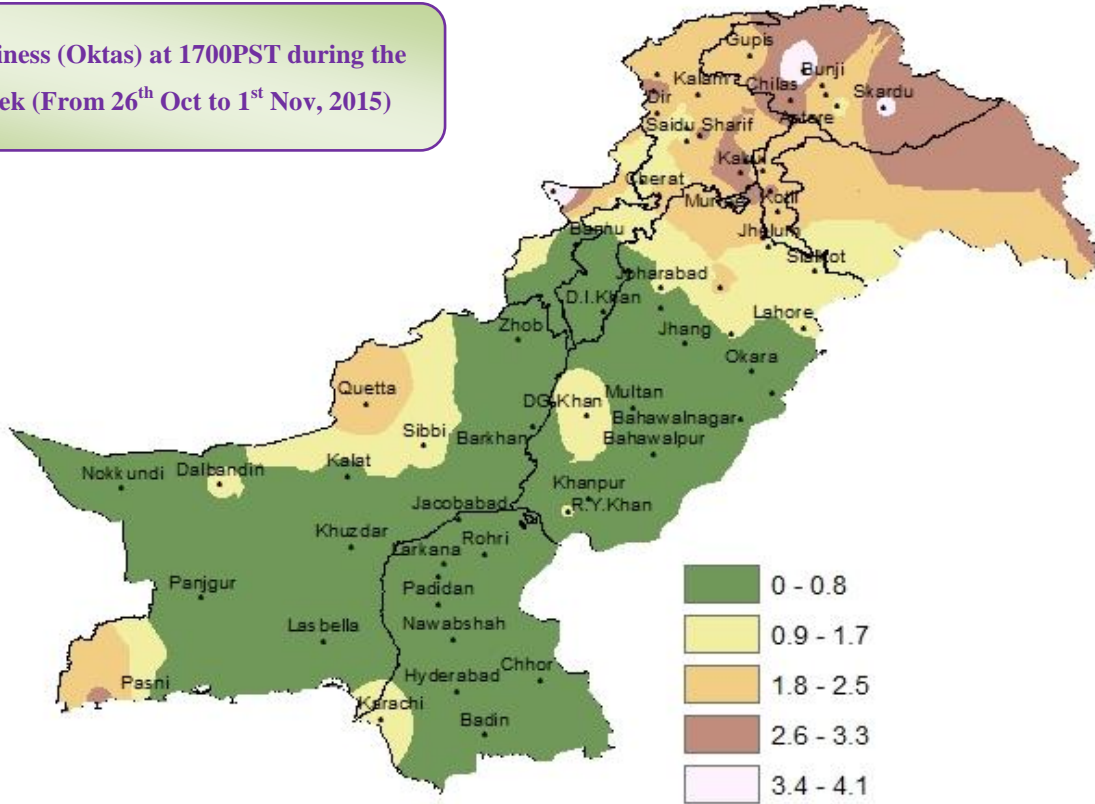
Mean Wind Speed (Knots) at 1700 PST during the Previous Week (From 26th Oct to 1st Nov, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous Week (From 26th Oct to 1st Nov, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous Week (From 26th Oct to 1st Nov, 2015)



Weekly Weather Advisory for Farmers
(From 2nd to 7th November, 2015)

Continental air is prevailing over most parts of the country. A fresh westerly wave is likely to approach upper parts of the country Today (evening/night) and likely to persist during next few days.

MONDAY

02-11-2015

Rain-thunderstorm (with snowfall over the hills) is expected at isolated places in Malakand, Hazara, Peshawar, Kohat, Mardan, Quetta, Zhob, Rawalpindi divisions, Islamabad, upper FATA, Gilgit-Baltistan and Kashmir. Dry weather is expected elsewhere in the country.

TUESDAY

03-11-2015

Rain-thunderstorm (with snowfall over the hills) associated with gusty winds is expected at scattered places in upper KP (Malakand, Hazara, Peshawar, Kohat, Mardan divisions) FATA, Gilgit-Baltistan and Kashmir while at isolated places in Bannu, D.I.Khan, Zhob, Rawalpindi, Sargodha divisions and Islamabad . Dry weather is expected elsewhere in the country.

WEDNESDAY

04-11-2015

Rain-thunderstorm (with snowfall over the hills) associated with gusty winds is expected at scattered places in KP, FATA, Gilgit-Baltistan and Kashmir while at isolated places in Rawalpindi, Sargodha, Gujranwala, Lahore, Zhob divisions and Islamabad. Dry weather is expected elsewhere in the country.

THURSDAY

05-11-2015

Dry weather is expected in most parts whereas very cold weather is expected in hilly areas of the country. Rain-thunderstorm (with snowfall over the hills) is expected at few places in Malakand division, Gilgit-Baltistan and Kashmir.

FRIDAY

06-11-2015

Dry weather is expected in most parts whereas very cold weather is expected in hilly areas of the country.

SATURDAY

07-11-2015

Dry weather is expected in most parts whereas very cold weather is expected in hilly areas of the country.

ADVISES FOR CROPS

- ❖ Farmers of rainfed areas obtaining water through tube wells and irrigated areas in upper parts are advised to schedule the irrigation according to the expected weather mentioned during the decade. Rainfall/ gusty winds after irrigation cause water logging of standing crops like maize, sugarcane and cotton. Farmers should be very careful in this regard.
- ❖ Farmers are advised to cultivate winter vegetables in time so that present soil moisture may fully be utilized.
- ❖ Farmers are advised to take in time precautionary measures to protect their crops, livestock and other property from any expected rain.
- ❖ Farmers of cotton crop areas are advised to prepare their field for incoming rabi crops and complete sowing in time.
- ❖ Farmers of rainfed areas are advised to sow their rabi crops during the period 15th October to 15th November. After this time yield of wheat crop decreases gradually. Farmers of irrigated areas of Punjab, Sindh and KPK are advised to complete sowing of wheat crop in the month of November. Late varieties may be cultivated in December.
- ❖ Farmers of rainfed areas of K.P & Punjab are advised to complete cultivation of Rabi crops as soon as possible. The status of soil moisture is very suitable after recent rains in these areas.

National Weather Data of Selected Cities
(Weekly Data from 26th Oct to 1st Nov, 2015)

Stations	Minimum/Night 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	0.3	-1.0	-8.0	56	0.2	1.4	1.6	1.4	1.4
Badin	21.0	19.4	129.2	56	0.0	0.9	0.0	2.6	3.7
Bahawalnagar	14.7	13.8	125.0	62	0.0	0.7	0.0	0.6	2.0
Bahawalpur	18.4	16.0	93.0	65	0.0	0.3	0.3	0.0	0.6
Balakot	7.0	5.4	41.2	76	9.0	2.3	2.7	0.3	0.4
Bannu	8.8	7.0	55.3	58	2.0	1.4	0.1	0.6	2.6
Barkhan	10.9	8.0	45.0	42	0.0	0.0	0.4	0.0	1.7
Bunji	7.4	6.2	38.9	58	0.1	2.4	2.0	0.4	0.0
Cherat	9.5	6.0	21.9	59	0.0	1.7	1.7	3.4	2.3
Chhor	16.8	13.0	118.9	50	0.0	0.0	0.1	2.3	3.7
Chilas	10.5	10.0	59.1	37	0.0	2.0	3.0	0.9	1.1
Chitral	6.8	4.2	32.7	63	0.0	2.7	2.3	2.6	1.7
D.I.Khan	10.7	6.5	58.3	69	0.0	0.0	0.3	0.3	0.3
Dalbandin	4.2	2.0	38.5	32	0.0	0.4	0.9	1.1	1.7
DG.Khan	15.6	15.0	93.9	60	0.0	0.6	1.4	1.4	3.7
Dir	2.9	0.0	41.0	72	6.0	2.0	1.7	0.0	0.9
Drosh	6.3	4.0	28.0	47	0.0	2.7	2.9	0.0	6.9
Faisalabad	14.0	12.5	115.6	65	0.0	1.7	0.9	0.3	0.5
Garidopatta	8.0	6.8	46.8	79	32.0	2.6	1.7	0.0	0.3
Gawader	22.2	20.5	135.5	74	0.0	0.0	2.7	0.0	9.1

Gilgit	3.9	2.0	21.5	74	0.1	2.6	4.1	0.6	0.0
Gupis	3.5	3.0	13.0	48	2.0	2.0	2.1	1.4	3.4
Hyderabad	19.7	17.5	121.4	47	0.0	0.3	0.0	4.6	13.1
Islamabad	9.7	6.5	58.6	76	0.1	2.1	2.1	0.0	1.1
Jacobabad	16.2	15.0	100.0	63	0.0	0.0	0.7	0.9	1.1
Jhang	12.8	11.2	90.5	70	0.0	1.4	0.0	0.0	0.0
Jhelum	15.6	12.2	82.0	73	0.3	1.4	1.0	0.3	0.9
Jiwani	24.8	24.0	149.2	73	0.0	0.9	2.0	0.0	6.0
Joharabad	13.0	12.0	81.0	78	0.0	1.0	1.0	0.6	0.3
Kakul	3.9	-0.5	21.7	68	9.0	2.7	2.6	0.0	1.1
Kalam	2.3	-1.2	12.8	61	11.5	2.2	1.9	0.0	0.6
Kalat	-0.3	-2.5	-3.5	29	0.0	0.0	0.7	0.0	2.0
Karachi	22.1	20.5	138.5	34	0.0	0.1	1.3	5.7	10.0
Khanpur	15.3	14.3	96.1	66	0.0	0.0	0.4	0.0	1.4
Khuzdar	13.6	11.5	93.5	33	0.0	0.0	0.0	0.0	4.6
Kotli	12.4	11.5	74.9	68	0.1	1.6	2.0	0.7	2.1
Lahore	15.0	14.0	90.6	62	0.0	1.0	0.9	1.7	2.9
Larkana	19.3	18.5	109.6	58	0.0	0.3	0.0	2.0	2.6
Lasbella	16.4	12.0	120.0	56	3.0	2.2	0.0	0.3	3.4
Lower Dir	8.4	6.5	41.5	72	3.0	1.4	1.3	0.3	0.6
M.B Din	14.2	13.0	86.5	75	0.0	1.1	1.7	0.6	0.0
Malam Jabba	3.0	-2.0	23.5	55	11.0	1.9	2.9	0.0	0.6
Mangla	13.0	11.7	80.1	64	0.0	2.0	2.0	0.6	1.4
Mir Khani	6.6	5.5	22.7	63	3.0	1.7	1.9	0.0	0.7
Moinjodaro	17.4	16.0	107.5	57	0.0	0.0	0.3	0.3	3.1
Multan	15.4	14.5	95.7	59	0.0	0.3	0.3	1.4	2.6

Murree	4.8	2.5	16.7	63	8.0	1.9	2.7	2.0	1.7
Muzaffarabad	8.3	7.0	47.2	76	21.4	2.0	2.1	0.0	0.3
Nawabshah	17.8	15.5	114.3	54	0.0	0.0	0.1	3.6	6.3
Nokkundi	13.1	12.5	95.3	16	0.0	0.0	0.0	1.4	1.7
Noorpurthal	14.6	11.0	79.0	71	0.0	0.7	0.0	0.0	0.3
Okara	16.9	14.0	92.0	67	0.0	1.4	0.0	0.9	0.9
Padidan	17.0	16.0	96.0	56	0.0	0.0	0.0	0.6	2.0
Panjgur	12.7	12.0	77.8	30	0.0	0.3	0.3	6.0	8.0
Parachinar	4.3	1.5	43.7	70	12.2	2.9	4.1	3.6	3.3
Pasni	22.4	21.0	135.5	62	0.0	0.9	0.6	0.6	5.7
Pattan	9.7	7.0	60.0	60	31.0	1.9	1.7	1.4	2.0
Peshawar	10.3	8.0	59.3	73	0.1	2.7	1.6	0.0	0.3
Quetta	6.2	3.5	67.5	24	0.1	2.3	0.4	2.7	1.2
R.Y.Khan	15.3	13.5	96.9	59	0.0	0.3	0.9	1.1	0.9
Rawalakot	3.4	1.1	14.7	77	0.0	1.7	2.6	0.0	0.6
Rohri	16.2	13.0	115.0	53	0.1	0.0	0.0	1.1	1.4
Rawalpindi	11.8	10.5	97.1	68	0.0	0.5	2.0	0.1	0.3
Sahiwal	13.1	12.0	81.8	67	0.0	1.1	0.4	1.1	1.1
Saidu Sharif	9.1	7.0	52.2	70	0.0	1.1	1.6	0.0	0.0
Sialkot	13.9	13.2	82.9	72	0.2	0.6	1.1	0.0	0.6
Sibbi	9.8	8.0	68.3	46	0.0	0.9	0.9	0.0	0.3
Skardu	-0.2	-2.6	-5.6	55	0.1	1.9	3.4	0.0	0.7
Tandojam	16.5	13.5	132.0	59	0.0	0.0	0.0	1.1	1.2
Usta.M	15.9	14.0	130.8	53	0.0	0.0	0.0	0.0	0.5
Zhob	6.3	5.5	37.8	38	0.0	0.0	0.3	4.3	5.6

*** Shows the data is not available.