

Weekly Weather and Crop Bulletin for Pakistan

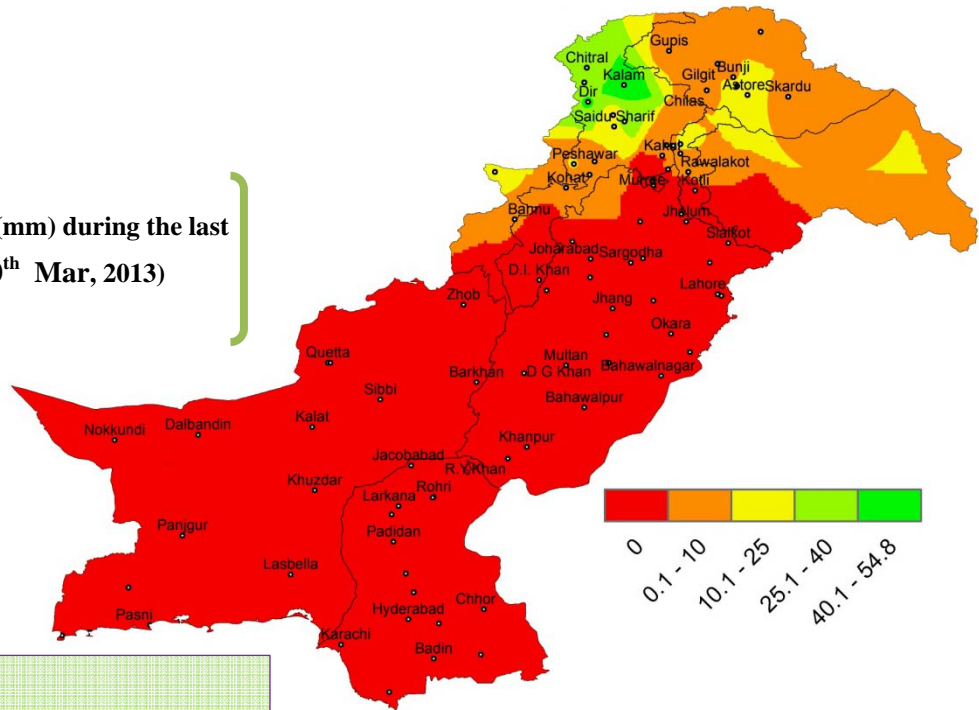
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Rainfall distribution (mm) during the last week (from 4th to 10th Mar, 2013)



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Highlights of Past Weather (4th Mar to 10th Mar, 2013)

Light to moderate rainfall occurred in agricultural plains of KP, Gilgit Baltistan, Kashmir and at isolated place in northern hilly areas of Punjab during the week. Dry weather is reported in Sindh, Balochistan and most agricultural plains of Punjab.

Patron-in-Chief: Arif Mahmood (Director General)

Chief Editor: Dr. Khalid Mehmood Malik (Director)

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Punjab

Dry weather is reported from most of the agricultural plains of the province during the week. Weekly maximum temperature and minimum temperature recorded as 23.4°C & 9.9°C respectively. For the present season on average 112.7 growing degree days accumulated by the end of last week. Average relative humidity recorded as 55.7% and wind speed in the morning/evening recorded as 1.2/2.1 Knots. During the previous week no rainfall reported and extreme minimum temperature recorded at Murree as -0.5 °C.

Sindh

No Rainfall reported during the week. Weekly maximum temperature and minimum temperature recorded as 28.4°C & 12.5°C respectively. For the present season on average 136.5 growing degree days accumulated by the end of last week. Average relative humidity recorded as 65 % and wind speed in the morning/evening recorded as 0.4/0.3 Knots. Extreme minimum temperature recorded as 7.5 °C at Mithi.

Khyber Pakhtoon Khawa

Light to moderate precipitation reported from most of the agricultural plains of the province during the week. Weekly maximum temperature and minimum temperature recorded as 15.4°C & 3.6°C respectively. For the present season on average 65.8 growing degree days accumulated by the end of last week. Average relative humidity recorded as 57 % and wind speed in the morning/evening recorded as 0.6/1.8 Knots. During the previous week the highest rainfall recorded at Dir as 29.0 mm and extreme minimum temperature recorded as -2.0°C at Parachinar.

Balochistan

Dry weather is reported from most of the agricultural plains of the province during the week. Weekly maximum temperature and minimum temperature recorded as 23.0°C & 6.7°C respectively. For the present season on average 61 growing degree days accumulated by the end of last week. Average relative humidity recorded as 49 % and wind speed in the morning/evening recorded as 0.9/3.8 Knots. Extreme minimum temperature recorded as - 4.0°C at Samungli.

Gilgit Baltistan and Azad Jammu & Kashmir

Light to moderate precipitation reported from most of the agricultural plains of the region during the week. Weekly maximum temperature and minimum temperature recorded as 15.0°C & - 2.7°C respectively. For the present season on average 61.1 growing degree days accumulated by the end of last week. Average relative humidity recorded as 46 % and wind speed in the morning/evening recorded as 1.5/3.1 Knots. During the previous week the highest rainfall recorded at Pattan as 15.0.0 mm and extreme minimum temperature recorded as -9.0°C at Astore.

Past Weather for Major Agricultural Plains

(from 4th to 10th March, 2013)

Rawalpindi (Potohar region)

No rainfall reported during the week however cloudiness in the morning/evening as 0.8/0.4 Oktas while average relative humidity observed as 55%. Mean night temperature recorded as 10.9°C & for the present season 103.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.2/2.0 Km/h.

Faisalabad (Central Punjab)

No rainfall reported during the week however cloudiness in the morning/evening as 0.6/0.9 Oktas while average relative humidity observed as 65%. Mean night temperature recorded as 14.2°C & for the present season 131.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/2.1 Km/h.

Tandojam (Lower Sindh)

No rainfall reported during the week, however cloudiness in the morning/evening as 0.0/0.4 Oktas while average relative humidity observed as 53%. Mean night temperature recorded as 10.0°C & for the present season 98.75 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/2.6 Km/h.

Quetta (Northern Balochistan)

No rainfall reported during the week however cloudiness in the morning/evening as 0.9/0.9 Oktas while average relative humidity observed as 31%. Mean night temperature observed as 13.0°C & for the present season 123.65 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.1/6.6 Km/h.

Usta Muhammad (Eastern Balochistan)

No rainfall reported during the week, however cloudiness in the morning/evening as 0.0/0.0 Oktas while average relative humidity observed as 79%. Mean night temperature recorded as 16.9°C & for the present season 107.25 growing degree days

accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.7/4.2 Km/h.

Past Weather for sub regional Agri-cultural Plains (from 4th to 10th March, 2013)

Rohri

No rainfall reported during the week however cloudiness in the morning/evening as 0.4/0.0 Oktas while average relative humidity observed as 48%. Mean night temperature recorded as 16.4°C & for the present season 136.5 growing degree days accumulated by the end of last week. Wind recorded in the morning/evening as 2.6/3.7 Knots.

Multan

No rainfall reported during the week however cloudiness in the morning/evening as 0.6/1.3 Oktas while average relative humidity observed as 59%. Mean night temperature recorded as 15.0°C & for the present season 123.9 growing degree days accumulated by the end of last week. Wind recorded in the morning/evening as 0.6/3.3 Knots.

Lahore

No rainfall reported during the week however cloudiness in the morning/evening as 1.3/0.9 Oktas while average relative humidity observed as 62%. Mean night temperature recorded as 14.5°C & for the present season 112.1 growing degree days accumulated by the end of last week. Wind recorded in the morning/evening as 0.3/3.1 Knots.

Zhob

No rainfall reported during the week however cloudiness in the morning/evening as 0.0/0.0 Oktas while average relative humidity observed as 30%. Mean night temperature recorded as 9.6°C & for the present season 85.3 growing degree days accumulated by the end of last week. Wind recorded in the morning/evening as 4.3/7.3 Knots.

D.I. Khan

No rainfall reported during the week however cloudiness in the morning/evening as 0.6/0.0 Oktas while average relative humidity observed as 62%. Mean night temperature recorded as 13.3°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 1.1/0.3 Knots.

Peshawar

No rainfall reported during the week however cloudiness in the morning/evening as 2.1/2.6 Oktas while average relative humidity observed as 63%. Mean night temperature recorded as 12.9°C. & for the present season 106.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.1 Knots.

Murree

No rainfall reported during the week however cloudiness in the morning/evening as 1.6/1.7 Oktas while average relative humidity observed as 54.9%. Mean night temperature recorded as 8.3°C. Wind speed recorded in the morning/evening as 0.9/0.9 Knots.

Kalam

Precipitation reported as 55.0 mm during the week however cloudiness in the morning/evening as 3.4/3.0 Oktas while average relative humidity observed as 68%. Mean night temperature recorded as -1.3°C & Wind speed recorded in the morning/evening as 0.0/0.0Knots

Gilgit.

Precipitation reported as 3.0.0 mm during the week, however cloudiness in the morning/evening as 3.7/2.7 Oktas while average relative humidity observed as 42%. Mean night temperature recorded as 4.0°C & for the present season 55.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/1.4 Knots.

Skardu

Precipitation reported as 0.1 mm during the week however cloudiness in the morning/evening as 3.3/2.9 Oktas while average relative humidity observed as 50%. Mean night temperature recorded as 0.3°C and wind speed recorded in the morning/evening as 0.6/2.0 Knots.

Crop Situation for major agricultural plains (based on data from Regional Agromet Centers)

Potohar Region (Rawalpindi)

There is presently one crop (rainfed conditions) grown in the fields as detailed below.

Wheat (Chakwal-97): Good condition at *shooting* stage.

Central Punjab (Faisalabad)

There are two crops (irrigated conditions) grown in the fields as detailed below.

Sugarcane: Good condition at *Tillering* stage.

Wheat: Good condition at *heading* stage completed.

Lower Sindh (Tandojam)

There is presently one crop (irrigated conditions) grown in the fields as detailed below.

Wheat (TJ-83): Good condition at Full Maturity.

Northern Balochistan (Quetta)

There is presently one crop (rainfed conditions) grown in the fields as detailed below.

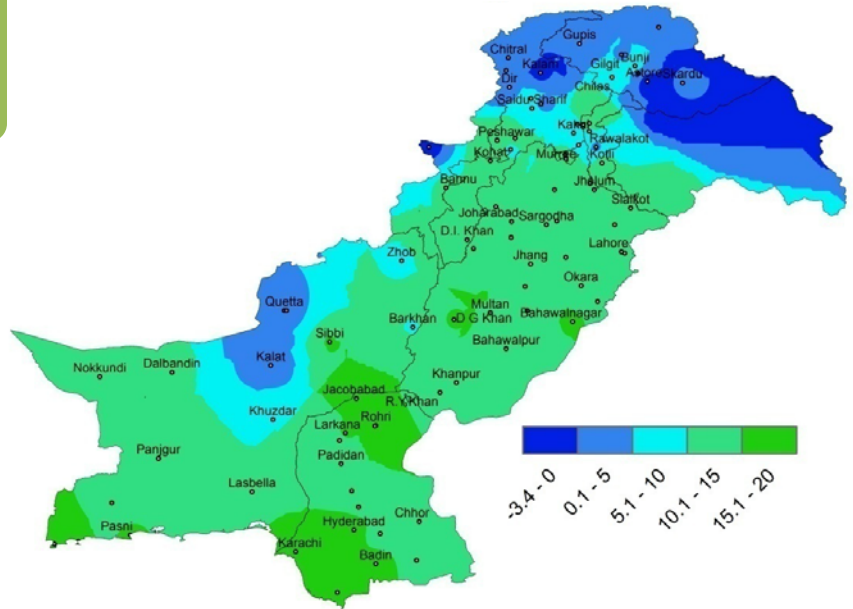
Wheat: Good condition at *Tillering* stage.

Eastern Balochistan (Usta Muhammad)

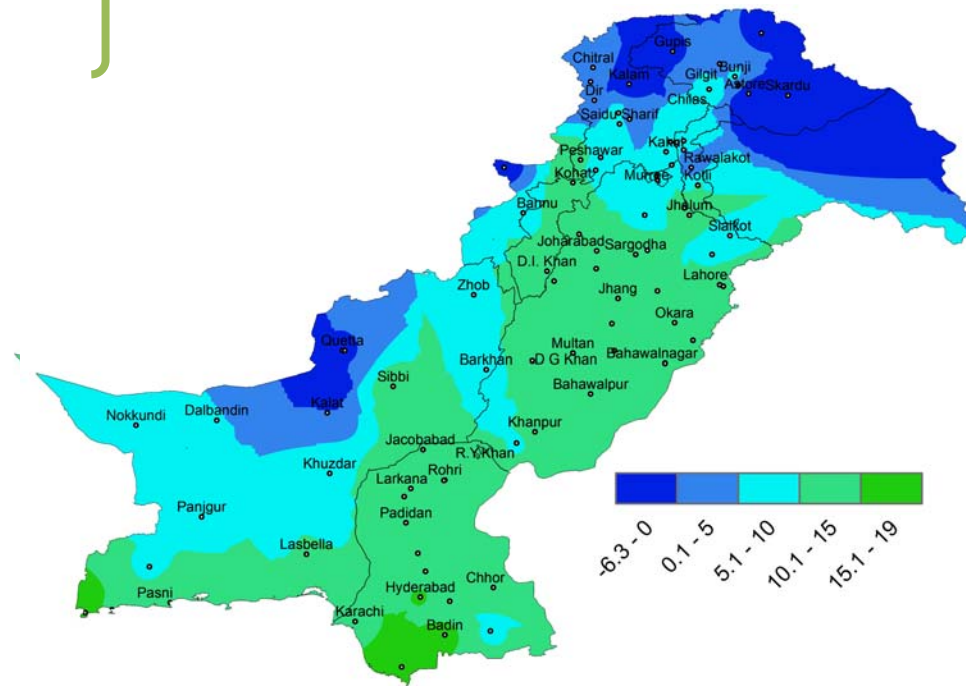
There is presently one crop (irrigated conditions) grown in the fields as detailed below.

Wheat: Good condition at *Shooting started*.

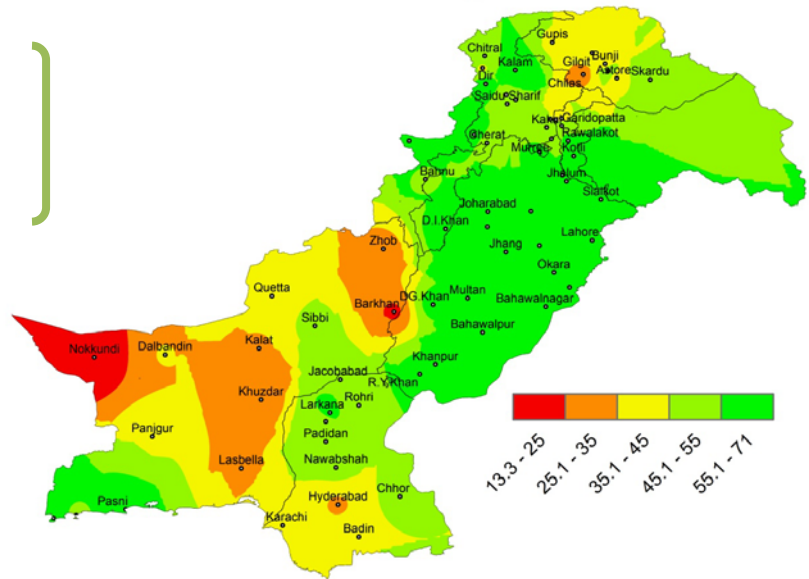
Mean minimum temperature (°C) during the last week (from 4th to 10th Mar, 2013)



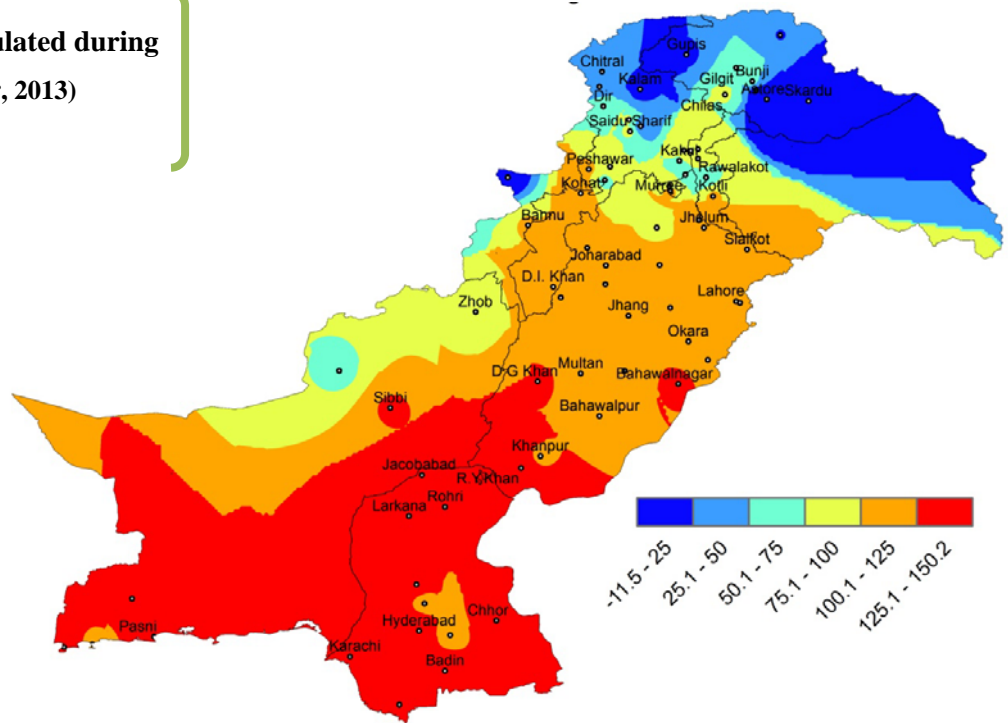
Extreme minimum temperature (°C) during the last week (from 4th to 10th Mar, 2013)



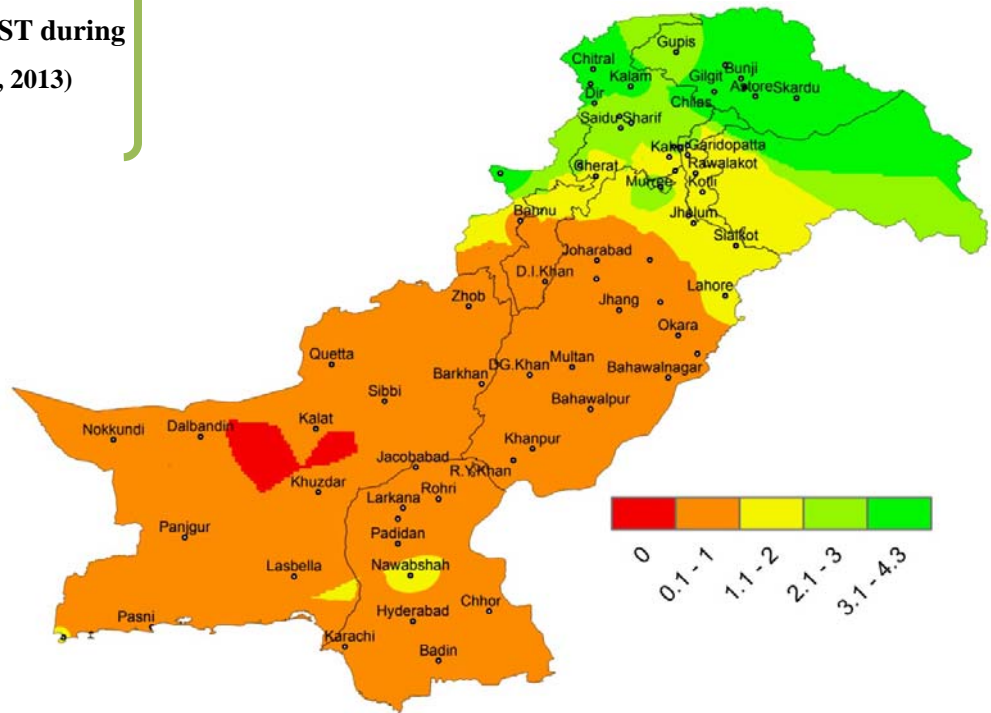
Mean relative humidity (%) during the last week (from 4th to 10th Mar, 2013)



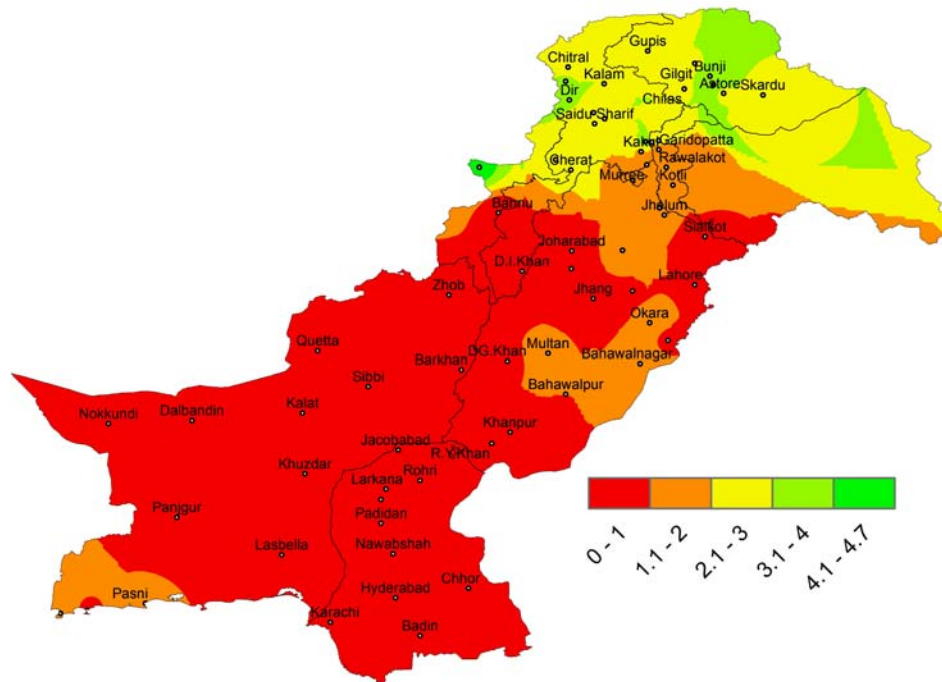
Total growing degree days accumulated during the last week (from 4th to 10th Mar, 2013)



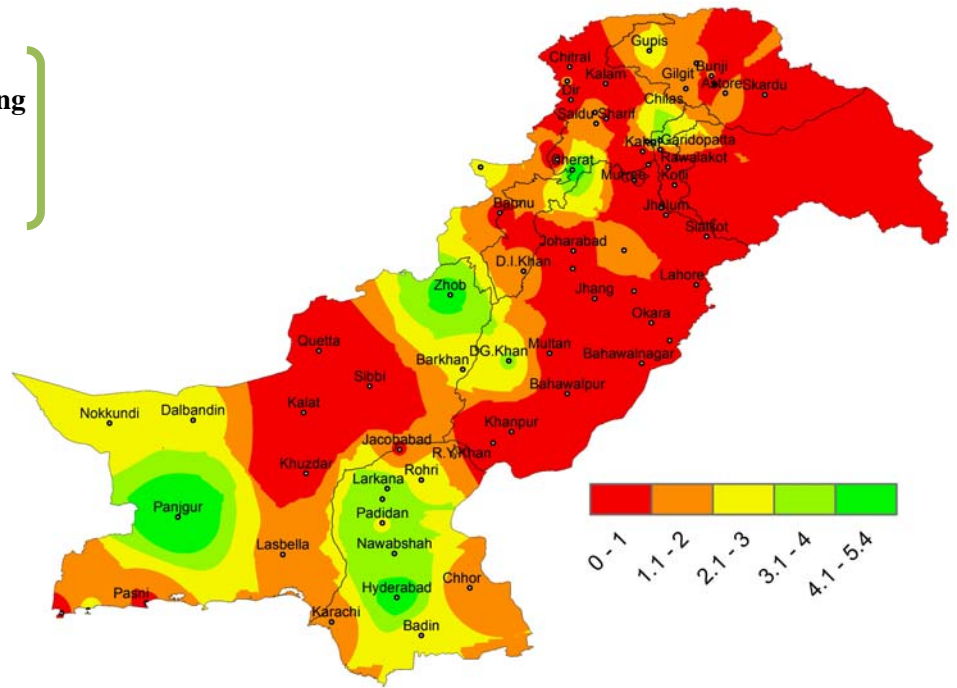
Mean Cloudiness (Oktas) at 0800PST during the last week (from 4th to 10th Mar, 2013)



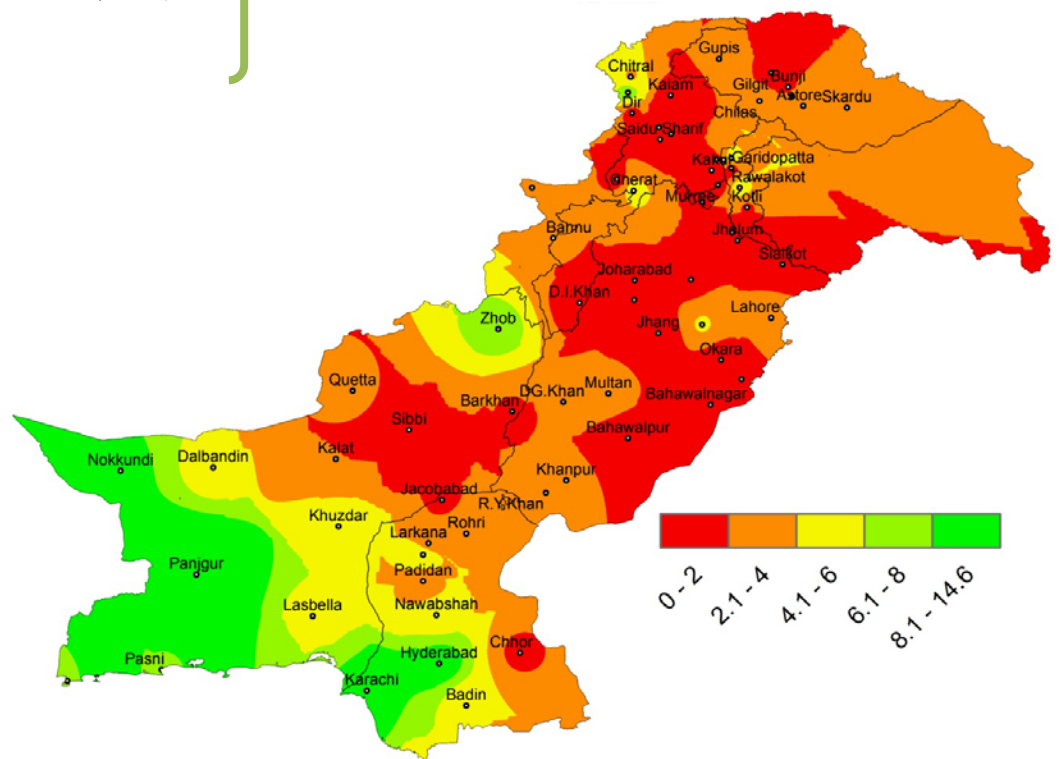
Mean Cloudiness (Oktas) at 1700PST during the last week (from 4th to 10th Mar, 2013)



Mean wind speed (Knots) at 0800 PST during the last week (from 4th to 10th Mar, 2013)



Mean wind speed (Knots) at 1700 PST during the last week (from 4th to 10th Mar, 2013)



Weekly Weather advisory for Farmers (from 11th March to 17th March, 2013)

A fresh western disturbance is likely to approach Western parts of Balochistan tonight and likely to grip Upper & Central parts of the country on Tuesday night and may persist over Upper & Central parts of the country on Wednesday and Thursday..

Punjab including Islamabad:

Mostly partly cloudy weather conditions are expected in most parts of the province on Monday and Tuesday. Rain-thunderstorm is expected at scattered places of upper Punjab (Islamabad/Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad divisions) on Wednesday and Thursday, while at isolated places in other parts of the province. Light rain-thunderstorm may occur at isolated places in Rawalpindi/Islamabad on Sunday.

Khyber Pakhtunkhwa:

Mostly partly cloudy weather conditions are expected in most parts of the province on Monday and Tuesday. Rain-thunderstorm is expected at isolated places in Malakand division on Monday. Scattered rain-thunderstorm is expected in KP on Tuesday (night) and Wednesday. Isolated rain-thunderstorm may occur in Hazara division on Thursday. Light rain-thunderstorm may occur at isolated places in Malakand and Hazara divisions on Sunday.

Balochistan:

Rain-thunderstorm is expected at scattered places in Northeast Balochistan (Quetta, Zhob, Kalat and Sibbi divisions), while at isolated places in Makran division on Monday (night) and Tuesday. Isolated rain-thunderstorm is also expected in Northeast Balochistan (Quetta, Zhob, Kalat and Sibbi divisions) on Wednesday. Dry weather is expected in most parts of the province from Thursday to Sunday.

Sindh:

Mainly dry weather is expected in most parts of the province. However light rain-thunderstorm is expected in Upper Sindh (Sukkar and Larkana divisions) on Tuesday (night)/Wednesday.

Kashmir:

Mostly partly cloudy weather conditions are expected in most parts of Kashmir on Monday/Tuesday. However rain-thunderstorm is expected at scattered places in Kashmir from Tuesday (night) to Thursday. Rain-thunderstorm may occur at isolated places in Kashmir on Sunday.

Gilgit-Baltistan:

Mostly partly cloudy weather conditions are expected in most parts of G-B on Monday/Tuesday. However rain-thunderstorm is expected at scattered places in G-B from Tuesday (night) to Thursday. Light rain-thunderstorm may occur at isolated places in Kashmir on Sunday.

Advises for Crops:

Sugarcane: Farmers are advised to manage irrigation practices as per weather prediction during the week.

General Information Farmers of rainfed areas, obtaining crop water through tube wells are advised to schedule the irrigation according to the expected weather mentioned above during the week. It is advised to ensure field sanitation and spray prophylactic fungicidal sprays to prevent spread of diseases on vegetables. Farmers should also free the crops from excess of weeds after recent rains especially in upper half of the country.

National Weather Data of Selected Cities
(Weekly data from 4th Mar to 10th Mar, 2013)

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	-3.5	-6.4	***	40	13.0	3.3	2.7	1.7	3.7
Badin	17.5	16.8	150.3	44	0.0	0.4	0.0	2.3	4.0
Bahawalnagar	15.6	14.0	130.2	59	0.0	0.3	1.4	0.9	1.4
Bahawalpur	13.6	11.2	124.5	57	0.0	0.1	1.0	0.0	0.3
Balakot	8.9	5.8	84.2	45	0.0	3.1	3.9	1.4	1.0
Bannu	11.2	9.0	105.1	53	0.0	0.7	0.0	0.9	2.9
Barkhan	9.8	8.0	***	23	0.0	0.7	0.0	2.0	1.7
Bunji	8.5	6.7	68.5	39	5.0	4.3	3.7	1.1	1.4
Cherat	9.2	7.5	66.5	48	2.0	1.4	2.0	4.9	4.9
Chhor	14.5	11.5	148.2	48	0.0	0.3	0.0	1.1	1.4
Chilas	9.4	7.0	79.6	31	1.0	3.9	2.7	1.4	3.1
Chitral	4.1	2.0	46.6	55	28.0	3.0	2.0	0.6	3.7
D.G.Khan	15.3	13.3	125.4	59	0.0	0.7	0.9	3.1	2.3
D.I.Khan	13.3	11.0	113.1	62	0.0	0.6	0.0	1.1	0.3
Dalbandin	10.9	5.0	***	35	0.0	0.0	0.0	2.6	4.3
Dir	1.7	0.5	56.3	61	42.0	3.0	3.1	0.0	1.1
Drosh	2.7	0.8	43.3	43	27.0	3.4	3.4	1.1	7.6
Faisalabad	13.4	11.0	114.0	62	0.0	0.4	0.9	0.9	4.3
Garidopatta	8.9	4.0	97.3	51	4.0	1.1	1.1	0.0	0.9
Gawader	15.6	14.0	121.1	52	0.0	0.0	0.9	2.3	11.4
Gilgit	4.0	2.3	55.9	42	3.0	3.7	2.7	1.1	1.4
Gupis	0.3	-1.0	18.3	44	0.0	2.1	2.7	2.3	2.6

Hyderabad	17.7	15.5	148.5	34	0.0	0.0	0.0	4.6	9.7
Islamabad	10.0	8.0	97.0	61	0.0	2.5	2.0	0.0	2.0
Jacobabad	15.8	13.5	131.3	54	0.0	0.7	0.0	0.9	1.4
Jhang	12.4	11.2	114.7	63	0.0	0.0	0.0	0.0	0.0
Jhelum	12.7	11.1	114.6	62	0.0	1.4	1.0	0.0	1.1
Jiwani	20.1	19.0	138.5	67	0.0	1.1	1.7	0.6	6.0
Joharabad	12.9	11.5	107.3	71	0.0	0.0	0.3	0.6	1.1
Kakul	6.2	5.0	69.8	49	0.0	1.0	1.7	0.0	2.0
Kalam	-1.3	-3.0	12.4	68	55.0	3.4	3.0	0.0	0.0
Kalat	1.4	0.0	***	33	0.0	0.0	0.0	0.0	2.0
Karachi	16.9	14.5	144.7	40	0.0	0.9	0.0	1.1	8.9
Khanpur	13.4	10.7	124.7	57	0.0	0.4	0.3	0.0	2.6
Khuzdar	10.0	9.0	***	25	0.0	0.0	0.0	0.6	5.4
Kotli	12.0	10.5	105.4	56	0.0	1.1	1.4	0.7	1.7
Lahore	14.5	12.7	112.1	62	0.0	1.3	0.9	0.3	3.1
Larkana	16.0	13.3	133.4	58	0.0	0.4	0.3	3.4	2.9
Lasbella	12.7	10.0	***	34	0.0	1.0	0.0	1.7	5.1
Lower Dir	7.2	6.0	79.5	51	20.0	2.0	2.3	2.0	1.7
Malam Jabba	2.6	1.0	18.5	53	32.0	2.0	2.6	0.0	0.6
Mandibahudin	13.5	10.5	115.7	67	0.0	0.6	1.9	1.7	1.1
Mangla	10.9		103.7	66	0.0	1.4	1.1	0.0	1.7
Mir Khani	2.7	1.5	10.9	54	27.0	3.0	3.7	0.0	2.7
Moen-Jo-Daro	12.3	11.0	***	51	0.0	0.6	0.3	4.0	5.4
Multan	15.0	12.4	123.9	59	0.0	0.6	1.3	0.6	3.3

Murree	8.3	7.0	54.9	45	0.0	1.6	1.7	0.9	0.9
Muzaffarabad	11.1	9.9	104.0	45	1.0	2.3	2.1	3.1	2.7
Nawabshah	14.0	6.7	***	13	0.0	0.3	1.0	2.0	8.6
Nokkundi	13.3	12.0	119.2	62	0.0	0.4	0.3	0.9	0.6
Noorpurthal	14.5	12.5	119.1	65	0.0	0.7	1.3	0.9	0.6
Okara	14.5	10.5	***	54	0.0	0.6	0.3	2.9	3.1
Padidan	14.6	9.0	***	44	0.0	0.4	0.0	5.4	14.6
Pannjgur	11.8	-3.5	***	63	20.0	4.3	4.7	3.0	3.0
Parachinar	-2.2	14.0	127.8	63	0.0	0.0	1.3	0.9	7.4
Pasni	15.4	8.0	92.3	42	20.0	2.3	2.7	4.3	5.7
Pattan	12.1	11.5	106.5	63	11.0	2.1	2.6	0.0	1.1
Peshawar	12.9	-0.5	***	40	0.0	0.9	0.4	0.3	2.3
Quetta	2.6	9.8	126.6	60	0.0	0.7	0.0	0.6	2.3
R. Y. Khan	13.3		53.2	60	0.0	1.1	1.4	0.0	5.4
Rawalakot	4.1	15.0	136.5	48	0.0	0.4	0.0	2.6	3.7
Rohri	16.4	11.8	111.6	67	0.0	0.6	0.9	0.9	2.0
Sahiwal	12.6	8.1	83.0	53	18.0	2.6	2.6	2.0	0.3
Saidu Sharif	9.5	9.5	104.5	71	0.0	1.5	0.9	0.0	0.9
Sialkot	12.2	14.0	128.0	49	0.0	0.0	0.0	0.0	0.9
Sibbi	15.3	-1.6	20.7	50	0.1	3.3	2.9	0.6	2.0
Skardu	0.3	9.0	85.3	30	0.0	0.0	0.0	4.3	7.3
Zhob	9.6	-6.4	***	40	13.0	3.3	2.7	1.7	3.7

*** Data not available