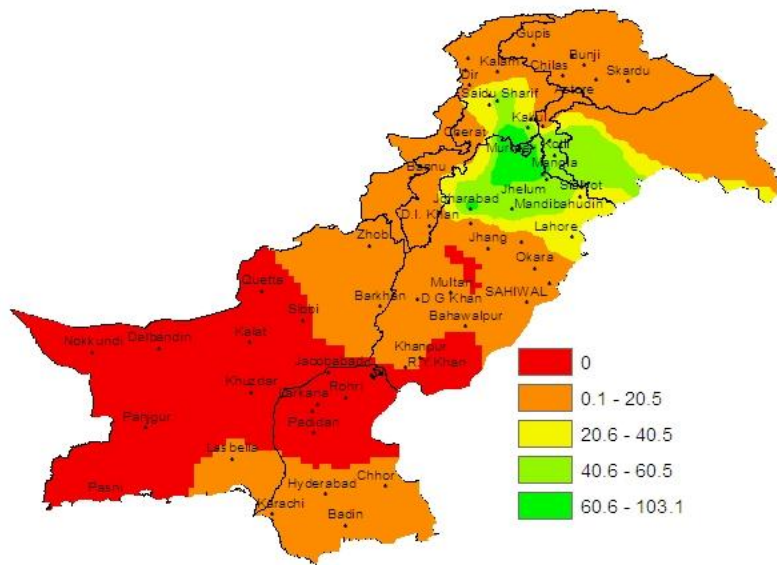


Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the
Previous Week (From 28th July to 3rd August, 2014)**

Highlights of Past Weather (From 4th to 10th August, 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 Khyber Pakhtunkhwa, Punjab & Gilgit Baltistan regions.
- Light to moderate rainfall reported at isolated places in Sindh and Baluchistan.

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

Past Weather of Provinces (From 4th to 10th**August, 2014)****Punjab**

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 37.0°C & 26.7°C respectively. For the present season average 186.8 growing degree days accumulated by the end of last week. Average relative humidity recorded 68% and wind speed in the morning/evening recorded 2.1/3.0 Knots. During the previous week highest amount of rainfall reported at Lahore 104.0 mm and highest maximum temperature was recorded 43.5°C at Noorpur Thal.

Sindh

Light to moderate rainfall reported at isolated places in Sindh during the week. Weekly maximum and minimum temperatures recorded 37.3°C & 26.9°C respectively. For the present season average 188.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 63% and wind speed in the morning/evening recorded 5.3/7.1 Knots. During the previous week highest amount of rainfall reported at Mithi 19.0 mm and highest maximum temperature was recorded 45.0°C at Rohri.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 34.4°C & 21.9°C respectively. For the present season average 156.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 63% and wind speed in the morning/evening recorded 1.1/4.1 Knots. During the previous week highest amount of rainfall reported at Kakul 68.0 mm and highest maximum temperature recorded 41.0°C at Lower D.I.Khan.

Balochistan

Light to moderate rainfall reported at isolated places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 37.6°C & 24.3°C respectively. For the present season average 180.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 45% and wind speed in the morning/evening recorded 1.2/4.7 Knots. During the previous week highest amount of rainfall reported at Barkhan 20.0 mm and highest maximum temperature recorded 47.0°C at Dalbandin.

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 33.2°C & 19.7°C respectively. For the present season average 149.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 53% and wind speed in the morning/evening recorded 5.3/7.1 Knots. During the previous week highest amount of rainfall reported at Rawalakot 60.0mm and highest maximum temperature recorded 41.7°C at Chilas.

**Past Weather for Major Agricultural Plains
(From 4th to 10th August, 2014)****Rawalpindi (Potohar region)**

Rainfall reported as 93.2mm during the week; however cloudiness in the morning/evening recorded 2.7/3.1 Oktas while, average relative humidity observed 73%. Mean day time temperature recorded 34.9°C & for the present season 169.4 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)

Rainfall reported as 1.3mm during the week; however cloudiness in the morning/evening recorded 2.3/4.0 Oktas while average relative humidity observed as 60%. Mean day time temperature recorded 38.8°C & for the present season 198.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.6Knots.

Quetta (Northern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.5/2.7Oktas while, average relative humidity observed as 29%. Mean day time temperature recorded 35.7°C for the present season 159.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.2/4.1 Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.3/1.4 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 39.2°C & for the present season 201.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.1/0.1Knots.

Tandojam (Lower Singh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/2.8 Oktas while average relative humidity observed as 62%. Mean day time temperature recorded 35.6°C & for the present season 180.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.3/2.6 Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 4th to 10th August, 2014)****Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.5/2.1 Oktas while, average relative humidity observed as 56%. Mean day time temperature recorded 40.2°C & for the present season 208.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.0/1.1 Knots.

Multan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.8/1.1Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 39.1°C & for the present season 205.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 7.7/7.7 Knots.

Lahore

Rainfall reported as 37.2mm during the week; however cloudiness in the morning/evening recorded 1.8/3.1 Oktas while, average relative humidity observed as 69%. Mean day time temperature recorded 35.7°C & for the present season 181.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.7/4.0 Knots.

Zhob

Rainfall reported as 2.0mm during the week; however cloudiness in the morning/evening recorded 0.0/3.1 Oktas while, average relative humidity observed as 51%. Mean day time temperature recorded 37.4°C & for the present season 178.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/8.9Knots.

D.I. Khan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/1.6 Oktas while, average relative humidity observed as 65%. Mean day time temperature recorded 39.3°C & for the present season 195.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.3/2.3 Knots.

Peshawar

Rainfall reported as 0.2mm during the week; however cloudiness in the morning/evening recorded 2.2/3.9 Oktas while, average relative humidity observed as 64%. Mean day time temperature recorded 38.6°C & for the present season 194.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/3.1 Knots.

Murree

Rainfall reported as 49.2mm during the week; however cloudiness in the morning/evening recorded 3.3/7.4 Oktas while, average relative humidity observed as 87%. Mean day time temperature recorded 23.4°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 0.3/0.3 Knots.

Kalam

Rainfall reported as 6.0mm during the week; however cloudiness in the morning/evening recorded 1.0/5.4 Oktas while, average relative humidity observed as 63%. Mean day time temperature recorded 27.5°C & for the present season 109.0 growing degree days accumulated by

the end of last week. Wind speed recorded in the morning/evening as 0.0/2.3 Knots.

Gilgit

Rainfall reported as 8.0mm during the week; however cloudiness in the morning/evening recorded 2.8/6.1 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 34.5°C & for the present season 146.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/1.7 Knots.

Skardu

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.2/5.7 Oktas while, average relative humidity observed as 33%. Mean day time temperature recorded 33.6°C & for the present season 128.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.7/2.0Knots.

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

Potohar Region (Rawalpindi)

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

Central Punjab (Faisalabad)

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

Cotton: Normal condition at *flowering stage*.

Lower Sindh (Tandojam)

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

Cotton: Normal condition at *boll opening stage*.

Northern Balochistan (Quetta)

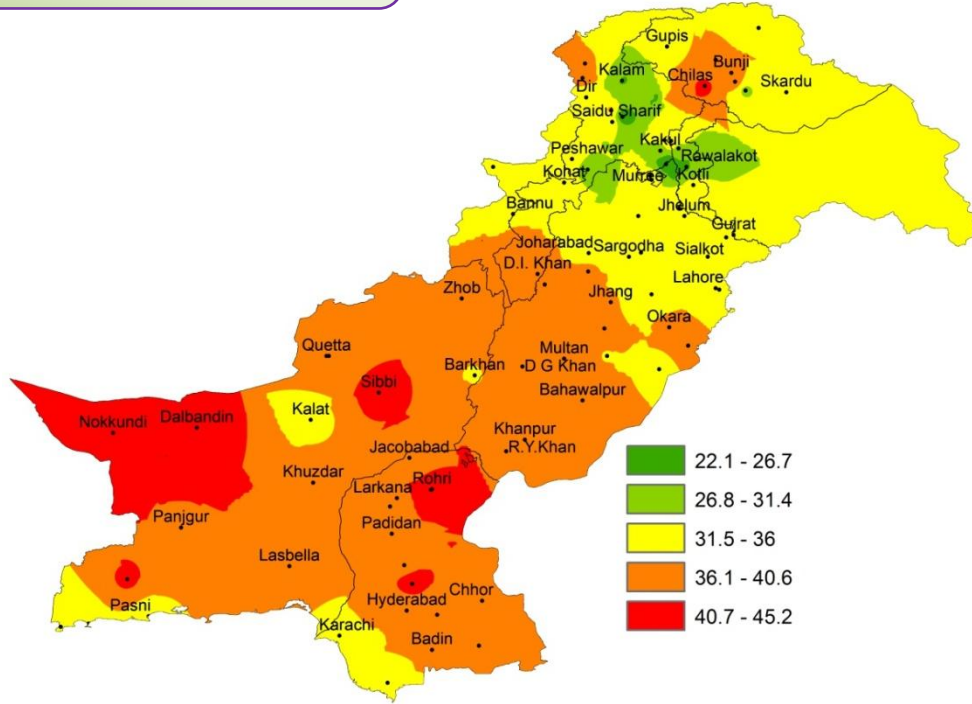
There is presently no crop in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

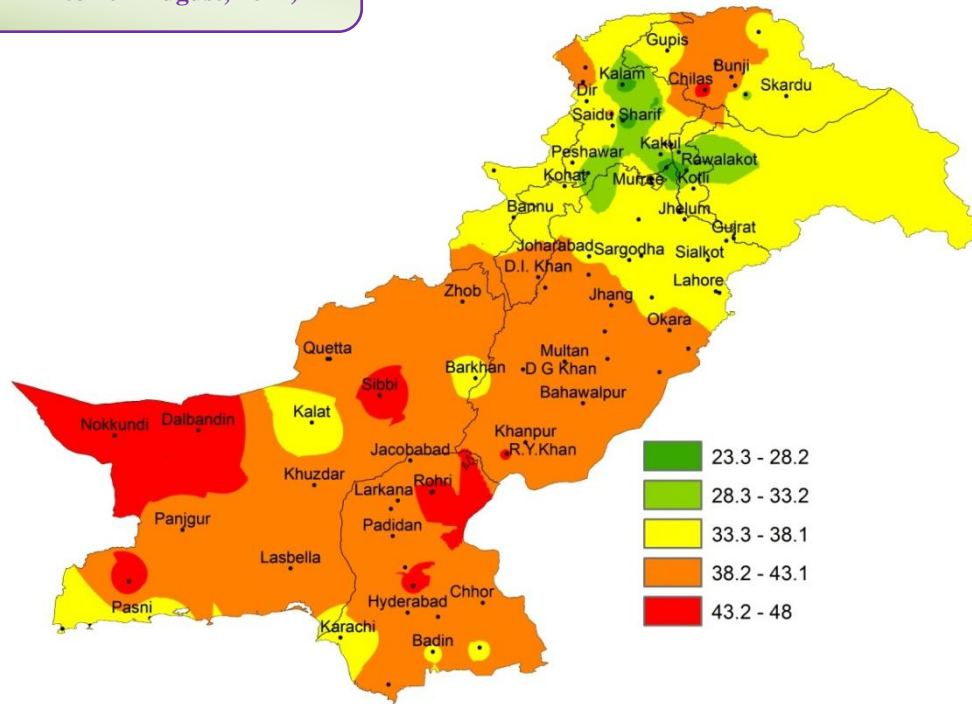
There is presently one crop grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *Third leaf stage completed*.

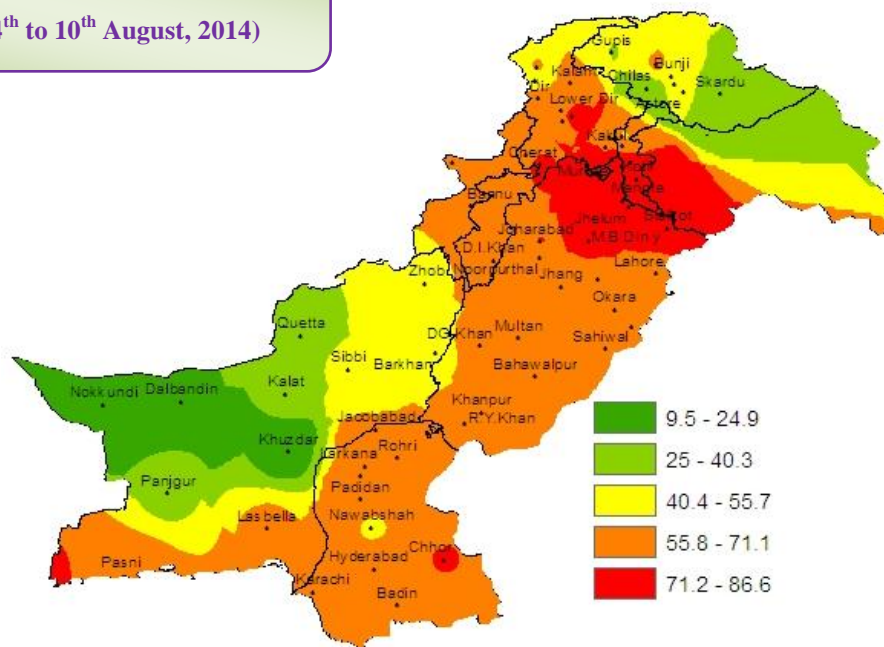
Mean Maximum Temperature (°C) during the Previous week (from 4th to 10th August, 2014)



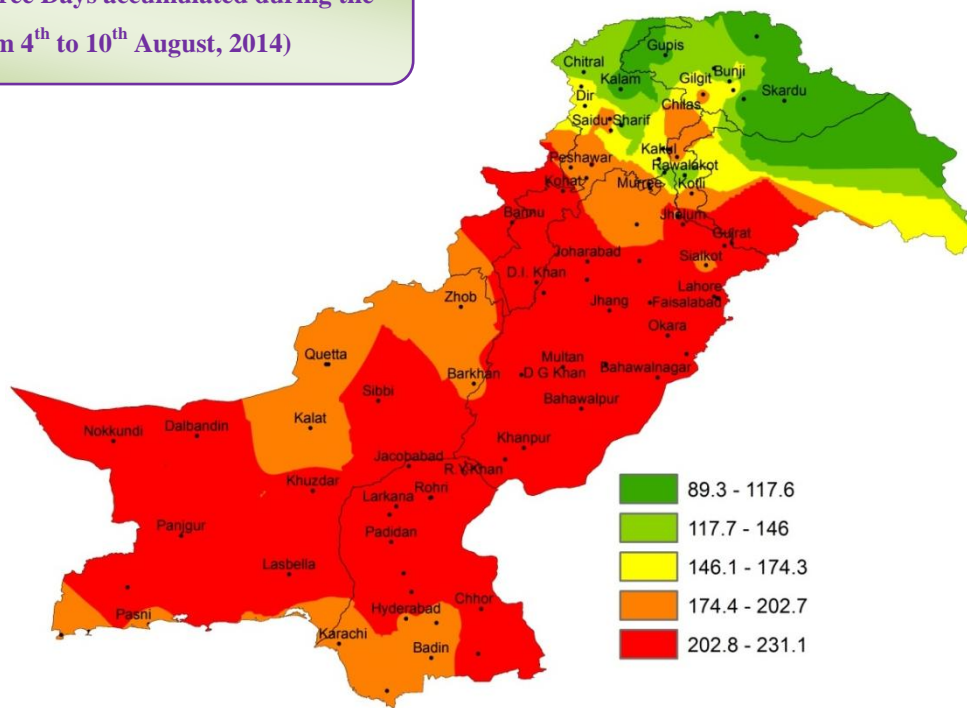
Highest Maximum Temperature (°C) during the Previous week (from 4th to 10th August, 2014)



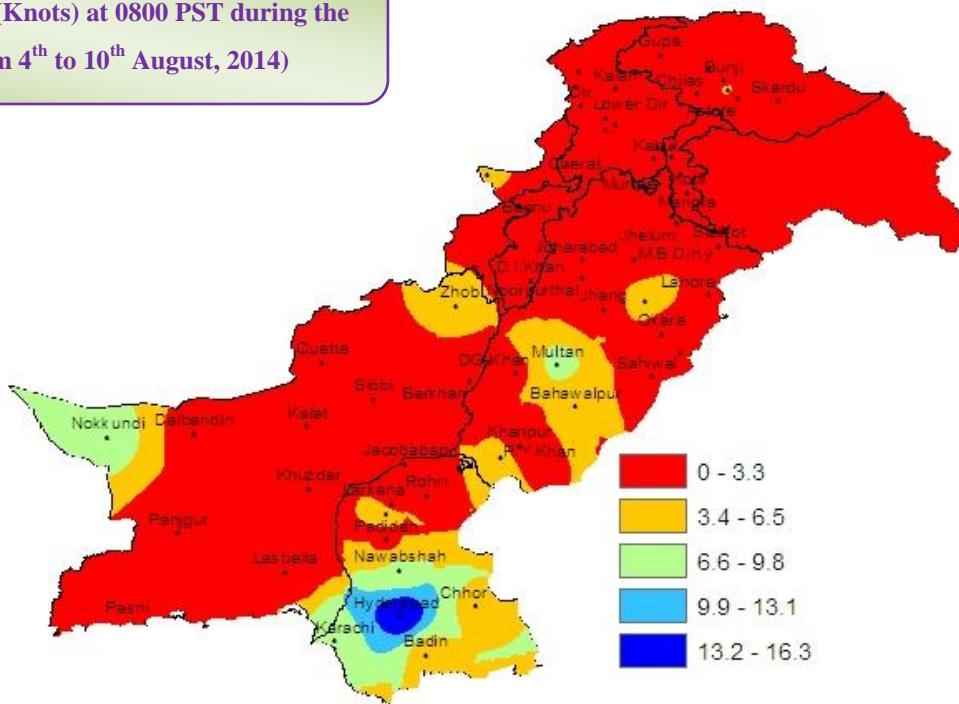
Mean Relative Humidity (%) during the Previous week (from 4th to 10th August, 2014)



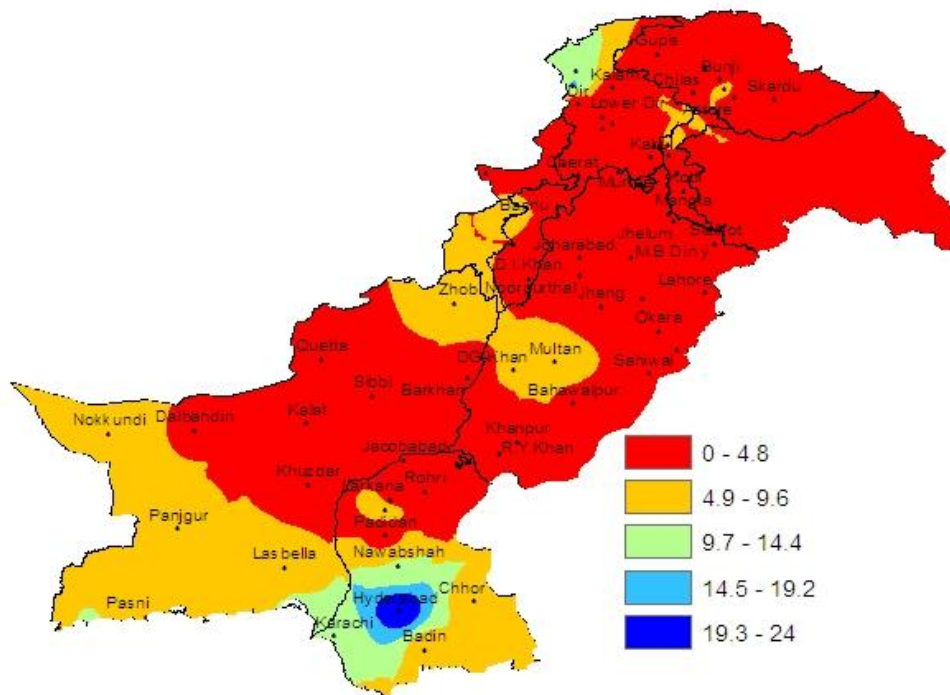
Total Growing Degree Days accumulated during the Previous week (from 4th to 10th August, 2014)



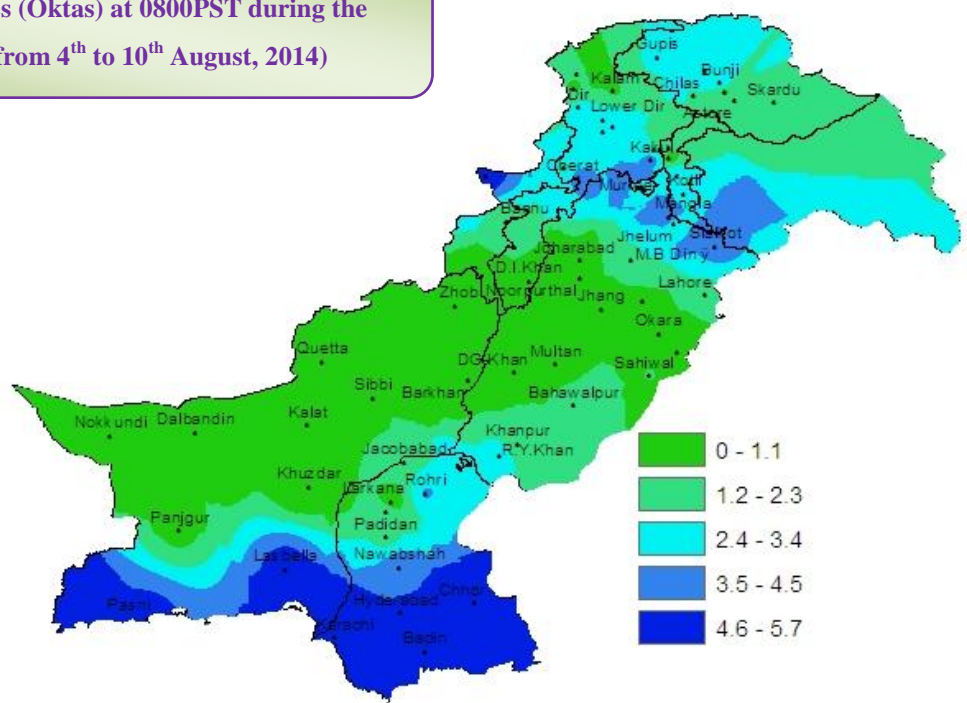
Mean Wind Speed (Knots) at 0800 PST during the Previous week (from 4th to 10th August, 2014)



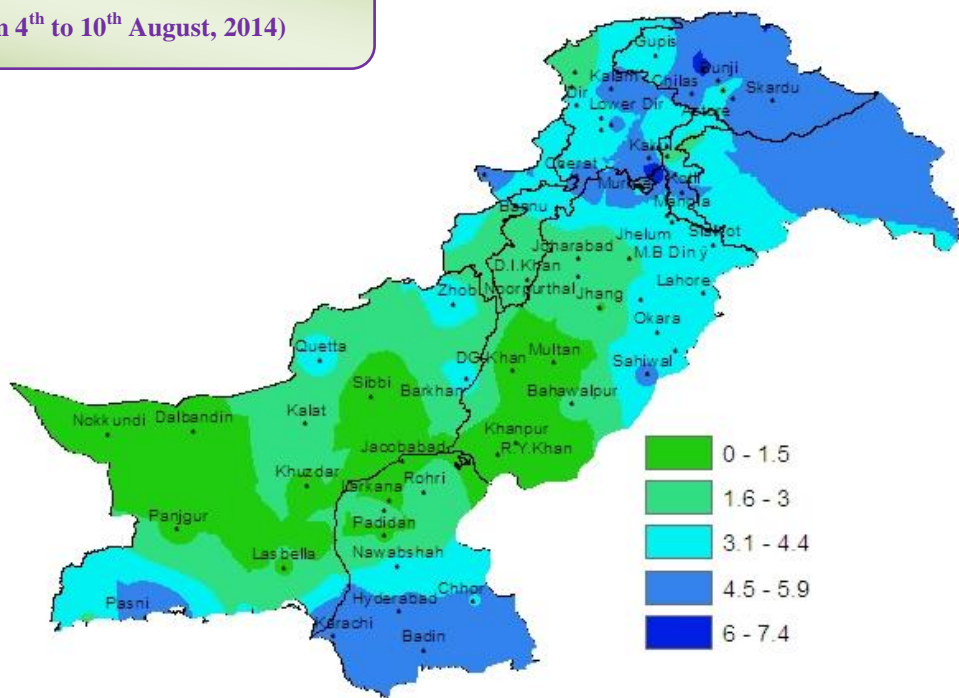
Mean Wind Speed (Knots) at 1700 PST during the Previous week (from 4th to 10th August, 2014)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (from 4th to 10th August, 2014)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (from 4th to 10th August, 2014)



Weekly Weather Advisory for Farmers
(From 11th to 17th August., 2014)

Seasonal low lies over North Balochistan and adjoining areas. Yesterday's Low over West Bengal now lies over south Bihar and adjoining areas. Weak monsoon currents would continue penetrating upper parts of the country and Kashmir during next 02 to 03 days and likely to become stronger from Thursday to Saturday.

MONDAY

11-08-2014

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershower is expected at a few places of Hazara, Kohat, Bannu, Rawalpindi, Sargodha, Kalat divisions and Kashmir.

TUESDAY

12-08-2014

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershower is expected at isolated places of Islamabad, Rawalpindi, Gujranwala, Hazara divisions and Kashmir.

WEDNESDAY

13-08-2014

Mainly hot and very humid weather is expected in most parts of the country. However, rain-thundershowers are expected at isolated places of Islamabad, northeast Punjab (Rawalpindi, Gujranwala, Lahore divisions), Malakand, Hazara divisions, Kashmir and Gilgit-Baltistan.

THURSDAY

14-08-2014

Rain-thundershowers are expected at scattered places of Islamabad, upper Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad divisions), upper Khyber Pakhtunkhwa (Malakand, Hazara, Mardan, Peshawar, Kohat divisions), Kashmir, and Gilgit-Baltistan.. Hot and humid weather is expected elsewhere in the country.

FRIDAY

15-08-2014

Rain-thundershowers are expected at scattered places of Islamabad, upper Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha divisions), upper Khyber Pakhtunkhwa (Malakand, Hazara, Peshawar, Kohat divisions), Kashmir and Gilgit-Baltistan, at isolated places of south Punjab (D.G. Khan, Multan, Bahawalpur, Sahiwal divisions), Zhob and D.I. Khan divisions. Heavy falls are also expected at isolated places of Kashmir and its adjoining hilly areas.

SATURDAY

16-08-2014

Rain-thundershowers are expected at scattered places of Islamabad, upper Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad divisions), upper Khyber Pakhtunkhwa (Malakand, Hazara, Peshawar, Kohat divisions) and Kashmir, at isolated places of south Punjab (D.G. Khan,, Multan, Bahawalpur, Sahiwal divisions), Zhob and D.I. Khan divisions and Gilgit-Baltistan. Heavy falls are expected at isolated places of Gujranwala, Rawalpindi divisions and Kashmir.

SUNDAY

17-08-2014

Rain-thundershowers are expected at isolated places of Islamabad, upper Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha divisions), Khyber Pakhtunkhwa (Malakand, Hazara, Peshawar, Kohat, D. I. Khan divisions) and Kashmir, at isolated places.

Advises for Crops

Pest/viral attacks and more weeds growth are expected after expected 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 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.

Due to expected monsoon rains during the decade farmers are advised to take in time precautionary measures to protect their crops, livestock and other property from any expected heavy rain.

Farmers of upper half of the country are advised to complete sowing of Kharif crops in time to utilize fully the present soil moisture especially growers of maize crop in rainfed areas.

Farmers of cotton belt 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 4th to 10th August' 2014)**

Stations	Maximum/Day 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	Highest							
Astore	28.5	31.0	119.7	41	1.0	1.8	5.3	0.7	2.0
Badin	34.4	36.0	180.8	68	0.1	5.0	5.9	4.3	5.7
Bahawalnagar	40.2	41.7	208.5	59	0.1	1.2	4.6	0.7	2.3
Bahawalpur	39.0	39.8	203.9	58	0.0	1.5	1.6	4.0	3.4
Balakot	33.2	34.5	149.5	72	19.0	1.8	4.3	0.3	2.0
Bannu	38.5	40.6	191.9	57	2.1	1.5	2.6	0.0	5.4
Barkhan	36.7	37.5	179.5	51	20.0	0.0	3.3	0.0	1.1
Bunji	35.5	40.0	171.7	46	4.0	3.5	6.0	2.0	1.4
Cherat	28.9	32.0	140.0	74	18.0	3.8	4.9	2.7	3.7
Chhor	36.1	38.5	185.2	72	0.0	5.0	4.4	5.3	6.3
Chilas	39.3	41.7	198.7	27	0.1	2.2	4.7	2.7	4.0
Chitral	35.8	37.4	155.4	57	0.0	1.2	1.6	0.0	11.4
DG.Khan	40.5	42.0	206.1	61	0.1	0.7	0.6	2.7	6.0
D.I.Khan	39.3	41.0	195.2	65	0.0	1.0	1.6	1.3	2.3
Dalbandin	44.6	47.0	203.5	20	0.0	0.3	1.0	2.0	4.0
Dir	32.8	35.0	148.8	71	19.0	2.5	4.1	0.0	0.3
Drosh	37.0	39.0	159.0	39	0.0	1.0	2.9	0.0	15.1
Faisalabad	38.8	40.2	198.6	60	1.3	2.3	4.0	1.4	1.4
Garidopatta	38.0	40.0	175.8	62	12.0	0.7	1.7	0.0	0.0
Gawader	33.4	34.0	171.3	70	0.0	5.3	2.7	0.8	10.1
Gilgit	34.5	39.0	146.3	60	8.0	2.8	6.1	0.0	1.7

Gupis	30.1	32.5	128.3	40	5.0	2.5	3.7	1.3	4.0
Hyderabad	35.6	36.5	181.4	63	0.0	4.7	4.7	16.3	24.0
Islamabad	33.9	36.2	171.6	77	103.1	3.3	4.1	0.0	1.1
Jacobabad	38.9	39.5	202.7	57	0.0	1.8	1.0	1.7	2.3
Jhang	39.2	40.5	199.1	60	0.0	0.0	1.4	1.3	2.3
Jhelum	35.9	40.0	180.3	73	52.0	3.2	4.0	0.0	2.9
Jiwani	32.0	32.5	167.0	72	0.0	5.2	4.1	2.7	8.3
Joharabad	37.2	41.2	189.6	71	71.0	0.8	2.4	1.3	3.1
Kakul	30.9	32.5	143.6	69	68.0	4.0	5.3	0.0	2.0
Kalam	27.5	29.0	109.0	63	6.0	1.0	5.4	0.0	2.3
Kalat	33.9	35.0	145.0	31	0.0	0.0	2.0	0.0	0.6
Karachi	33.1	34.5	176.0	69	0.3	5.7	5.6	8.0	10.3
Khanpur	39.4	39.5	202.2	62	0.0	1.5	0.7	2.0	1.1
Khuzdar	35.8	38.0	***	9	0.0	0.0	1.4	0.0	0.6
Kotli	33.4	35.6	165.5	74	56.0	3.3	4.6	0.8	1.7
Lahore	35.7	38.0	181.9	69	37.2	1.8	3.1	2.7	4.0
Larkana	38.6	40.0	196.0	64	0.0	0.3	1.1	2.3	4.0
Lasbella	37.2	38.5	190.0	64	0.0	5.2	1.4	0.3	8.9
Lower Dir	37.9	40.0	178.3	57	25.0	2.8	3.0	0.3	1.4
Malam Jabba	21.2	22.5	87.0	82	57.0	3.0	5.0	0.0	0.0
M.B Din	35.3	38.2	180.0	75	54.0	2.0	2.9	1.3	2.0
Mangla	34.8	38.5	174.1	79	67.2	3.7	4.1	0.0	3.4
Mir Khani	36.6	38.0	174.5	41	8.0	0.8	2.1	4.0	7.9
Moinjodaro	38.9	40.5	191.9	60	0.0	2.2	1.9	4.7	6.6
Multan	39.1	39.8	205.2	60	0.0	0.8	1.1	7.7	7.7
Murree	23.4	25.5	106.5	87	49.2	3.3	7.4	0.3	0.3

Muzaffarabad	36.2	39.4	171.9	67	12.0	2.3	4.0	0.0	1.3
Nokkundi	44.1	46.0	217.6	10	0.0	0.0	0.0	8.7	7.4
Noorpurthal	40.3	43.5	203.7	66	0.0	0.8	3.0	0.3	2.3
Okara	39.4	41.0	201.0	67	13.0	0.5	3.9	1.0	2.0
Padidan	38.2	40.0	195.5	65	0.0	1.8	1.3	2.0	2.6
Panjgur	39.3	40.0	192.5	32	0.0	0.8	1.3	0.0	7.1
Parachinar	33.1	34.2	141.8	64	37.0	5.3	5.4	4.3	4.3
Pasni	32.7	34.0	168.5	69	0.0	5.0	5.9	1.7	5.7
Peshawar	38.6	40.0	194.9	64	0.2	2.2	3.9	2.0	3.1
Quetta	35.7	37.0	159.5	29	0.0	0.5	2.7	2.2	4.1
R.Y.Khan	40.7	41.5	207.2	56	0.0	2.8	0.9	4.3	4.6
Rawalakot	27.4	29.5	123.7	83	60.0	3.3	4.4	0.7	1.7
Rohri	40.2	41.5	208.3	56	0.0	3.5	2.1	3.0	1.1
Rawalpindi	34.9	37.0	169.0	73	93.2	2.7	3.1	0.3	0.6
Sahiwal	39.1	40.0	4.0	66	0.0	0.0	3.4	2.3	2.6
Saidu Sharif	35.0	37.2	168.9	64	34.0	2.8	3.7	1.3	0.0
Sialkot	34.0	37.0	175.1	75	38.2	3.8	3.7	0.7	0.9
Sibbi	42.4	43.0	223.0	46	0.0	0.7	0.0	0.0	0.0
Skardu	33.6	37.0	128.4	33	0.0	2.2	5.7	0.7	2.0
Tandojam	35.6	36.5	180.5	70	0.0	0.4	2.8	0.3	2.6
Usta.M	39.2	40.5	201.1	60	0.0	1.3	1.4	0.1	0.1
Zhob	37.4	39.0	178.8	51	2.0	0.0	3.1	5.0	8.9

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