

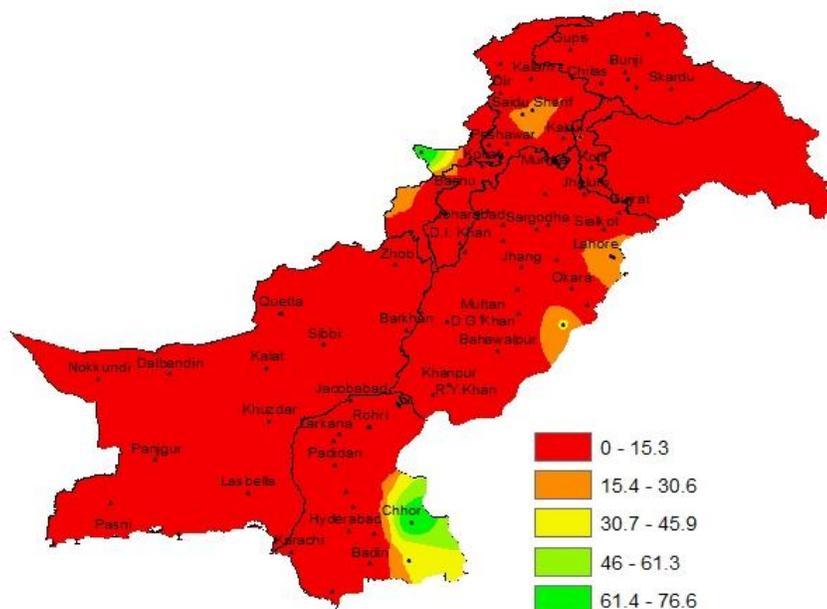
Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the
Previous Week (From 14th to 20th Sep, 2015)**



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Highlights of Past Weather (From 14th to 20th Sep, 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, Gilgit-Baltistan & Kashmir regions.
- Light to moderate rainfall reported at few places in Sindh.
- Light rainfall reported at isolated places in Balochistan.

Past Weather of Provinces (From 14th to 20th Sep, 2015)

Punjab

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 37.2°C & 24.4°C respectively. For the present season average 167.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 62% and wind speed in the morning/evening 0.7/2.4 Knots. During the previous week the highest amount of rainfall was recorded 49.0 mm at Lahore & highest maximum temperature was recorded 42.2°C at R.Y.Khan.

Sindh

Light to moderate rainfall reported at few places in Sindh during the week. Weekly maximum and minimum temperatures recorded 38.5°C & 25.6°C respectively. For the present season average 177.1 growing degree days accumulated by the end of last week. Average relative humidity recorded 59% and wind speed in the morning/evening recorded 2.7/6.1 Knots. During the previous week the highest amount of rainfall was recorded 47.0 mm at Chhor & highest maximum temperature was recorded 42.7°C at Karachi.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light rainfall reported at many places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 31.0°C & 15.3°C respectively. For the present season average 112.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 0.8/3.4 Knots. During the previous week the highest amount of rainfall was recorded 17.0mm at Garhi Dopatta & highest maximum temperature was recorded 37.7°C at Chilas.

Balochistan

Light rainfall reported at isolated places in Balochistan during the week. Weekly maximum and minimum temperatures recorded 35.8°C & 19.7°C respectively. For the present season average 146.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 44% and wind speed in the morning/evening recorded 1.4/5.7 Knots. During the previous week the highest amount of rainfall was recorded 2.0 mm at Zhob & highest maximum temperature was recorded 46.0°C at Turbat.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 32.9°C & 17.5°C respectively. For the present season average 124.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 55% and wind speed in the morning/evening recorded 0.6/3.2 Knots. During the previous week the highest amount of rainfall was recorded 76.7 mm at Parachinar & highest maximum temperature was recorded 40.0°C at D.I.K.

**Past Weather for Major Agricultural Plains
(From 14th to 20th Sep, 2015)****Rawalpindi (Potohar region)**

Dry weather was reported during the week, however cloudiness in the morning/evening recorded 1.9/0.5 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 35.7°C & for the present season 173.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/1.5 Knots.

Faisalabad (Central Punjab)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/2.1 Oktas while, average relative humidity observed as 58%. Mean day time temperature recorded 37.3°C & for the present season 186.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.8/0.9 Knots.

Quetta (Northern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/2.1 Oktas while, average relative humidity observed as 24%. Mean day time temperature recorded 30.7°C & for the present season 125.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/3.6 Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/2.3Oktas while, average relative humidity observed as 55%. Mean day time temperature recorded 38.1°C & for the present season 186.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.5/2.6 Knots.

Tandojam (Lower Sindh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.4/1.7 Oktas while, average relative humidity observed as 65%. Mean day time temperature recorded 37.5°C & for the present season 181.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 2.5/3.1 Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 14th to 20th Sep, 2015)****Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/1.1 Oktas while, average relative humidity observed as 53%. Mean day time temperature recorded 38.0°C & for the present season 183.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.9/5.4 Knots.

Rohri

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.6/1.4 Oktas while, average relative humidity observed as 55%. Mean day time temperature recorded 39.5°C & for the present season 188.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/2.9 Knots.

Lahore

Rainfall reported as 27.6mm during the week; however cloudiness in the morning/evening recorded 0.9/3.1 Oktas while, average relative humidity observed as 63%. Mean day time temperature recorded 35.8°C & for the present season 173.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.1 Knots.

Zhob

Rainfall reported as 2.0mm during the week; however cloudiness in the morning/evening recorded 0.0/2.9 Oktas while, average relative humidity observed as 38%. Mean day time temperature recorded 34.7°C & for the present season 133.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/5.0 Knots.

D.I. Khan

Rainfall reported 0.1mm during the week; however cloudiness in the morning/evening recorded 0.0/0.3 Oktas while, average relative humidity observed as 63%. Mean day time temperature recorded 39.7°C & for the present season 168.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.9 Knots.

Peshawar

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 0.7/4.1 Oktas while, average relative humidity observed as 59%. Mean day time temperature recorded 36.1°C & for the present season 170.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/2.6 Knots.

Murree

Rainfall reported as 6.8mm during the week; however cloudiness in the morning/evening recorded 1.9/1.0 Oktas while, average relative humidity observed as 65%. Mean day time temperature recorded 24.9°C & for the present season 88.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/1.1 Knots.

Kalam

Rainfall reported as 3.0mm during the week; however cloudiness in the morning/evening recorded 0.7/6.3 Oktas while, average relative humidity observed as 57%. Mean day time temperature recorded 24.6°C & for the present season 61.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.4 Knots.

Gilgit

Rainfall reported as 0.3mm during the week; however cloudiness in the morning/evening recorded 4.3/5.7 Oktas while, average relative humidity observed as 48%. Mean day time temperature recorded 32.3°C & for the present season 103.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/7.1 Knots.

Skardu

Rainfall reported as 0.3mm during the week; however cloudiness in the morning/evening recorded 2.7/5.3 Oktas while, average relative humidity observed as 42%. Mean day time temperature recorded 27.3°C & for the present season 75.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/6.3 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: good condition at *Ball opening* stage.

Lower Sindh (Tandojam)

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

Cotton: Good condition at *Maturity* stage.

Northern Balochistan (Quetta)

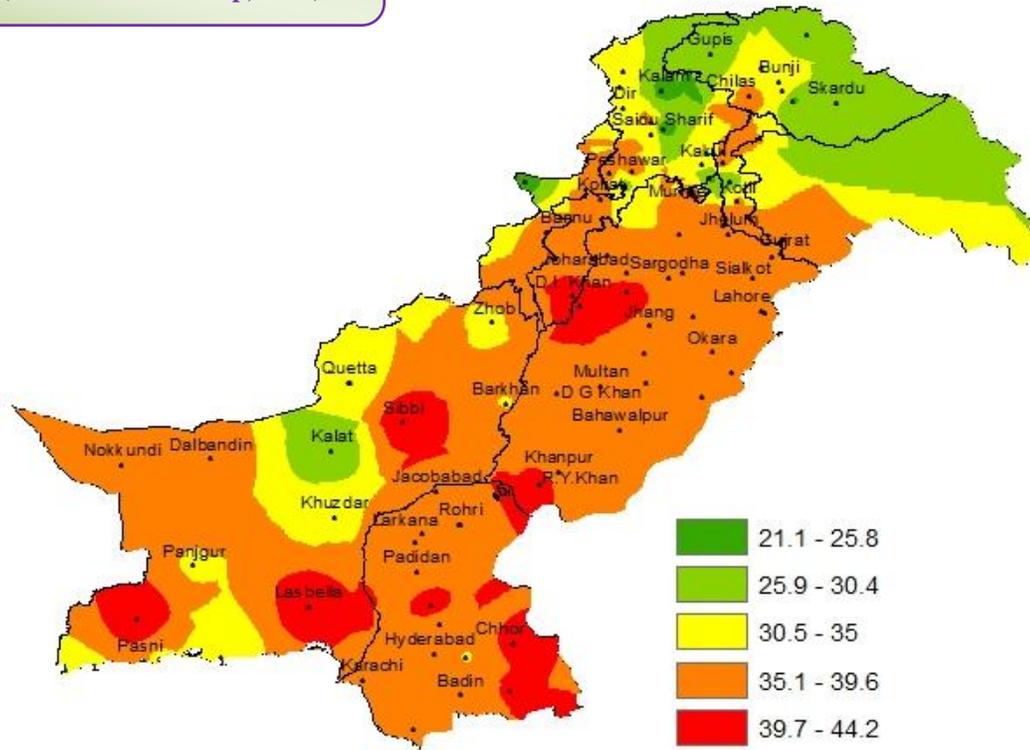
There is presently no crop grown in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

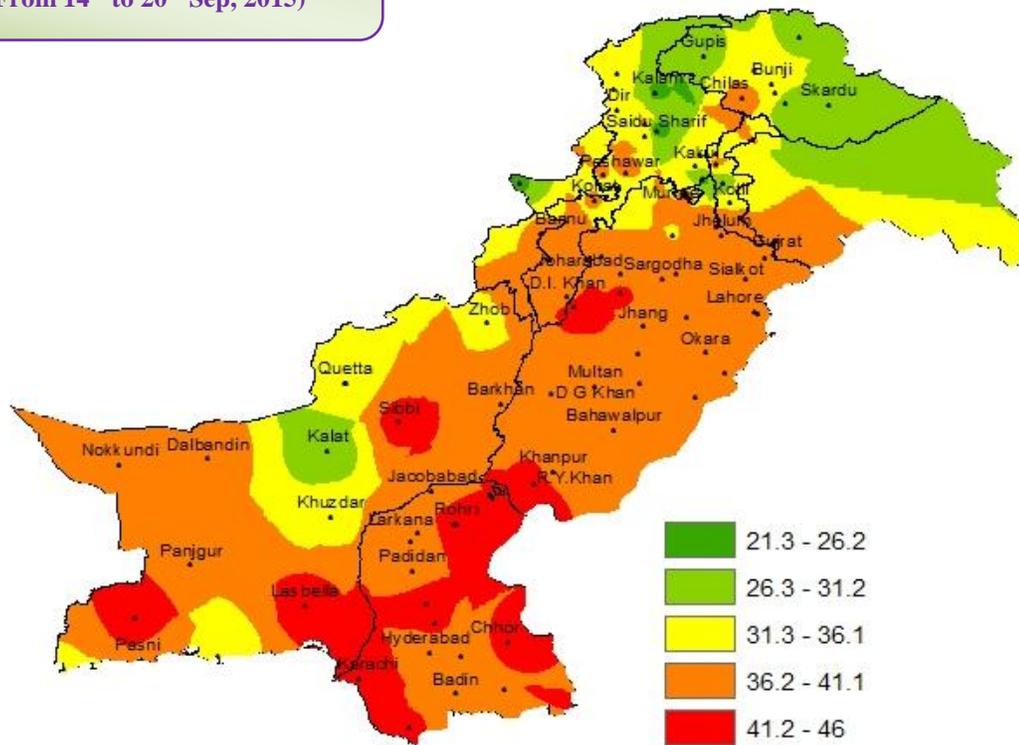
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *Flowering* stage.

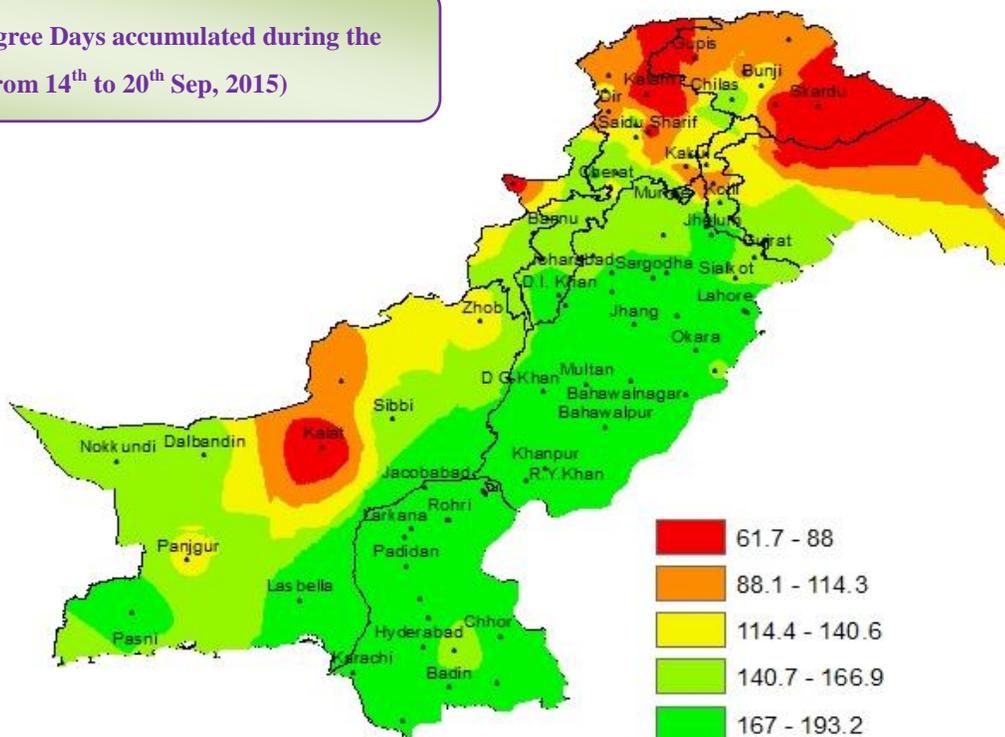
Mean Maximum Temperature (°C) during the Previous Week (From 14th to 20th Sep, 2015)



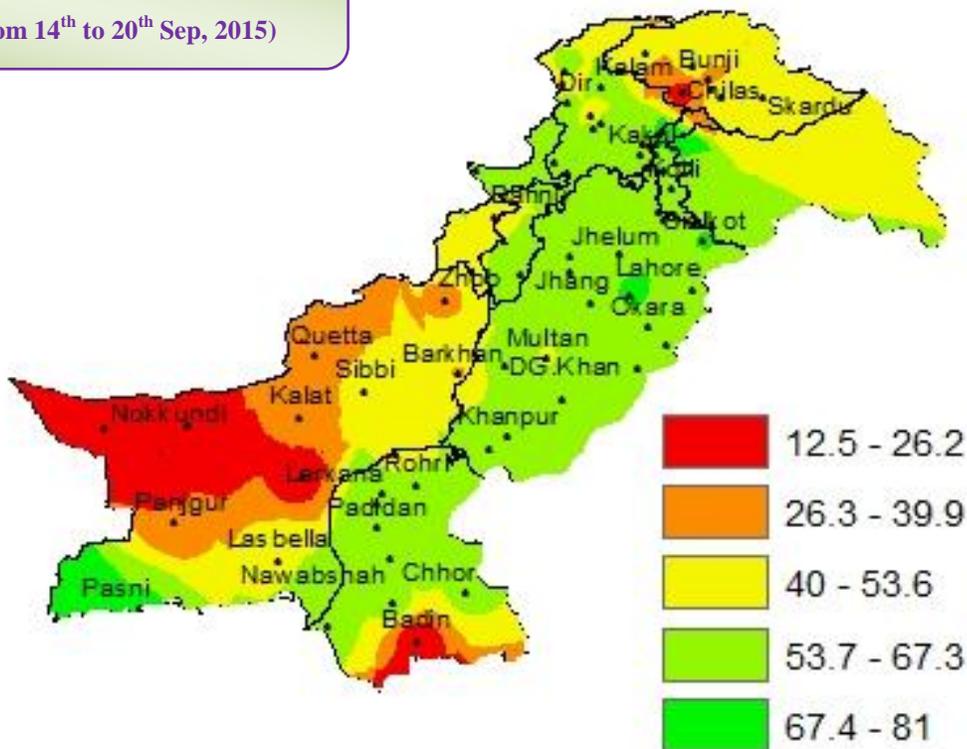
Highest Maximum Temperature (°C) during the Previous Week (From 14th to 20th Sep, 2015)



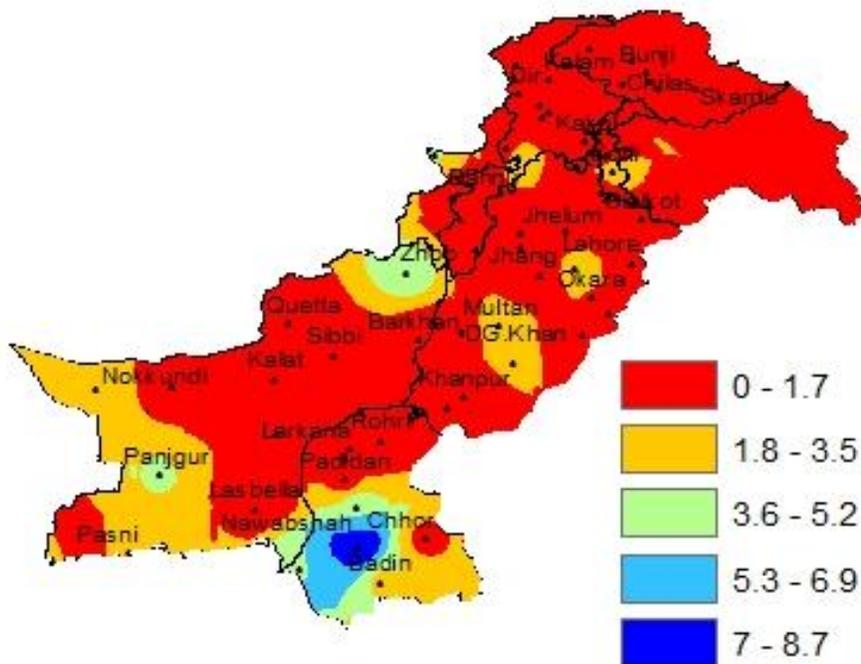
Total Growing Degree Days accumulated during the Previous Week (From 14th to 20th Sep, 2015)



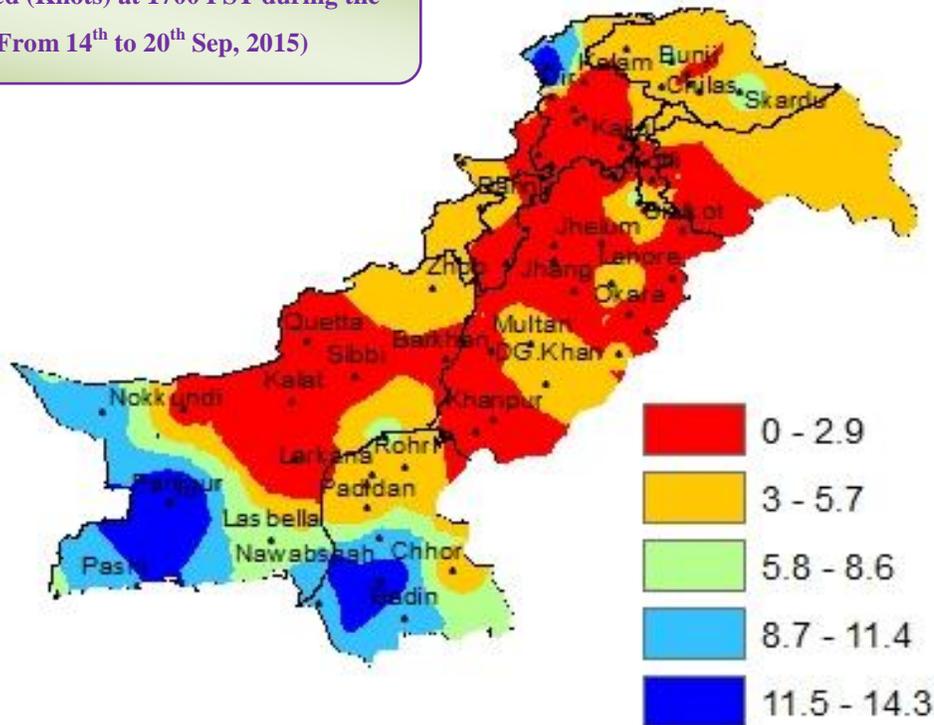
Mean Relative Humidity (%) during the Previous Week (From 14th to 20th Sep, 2015)



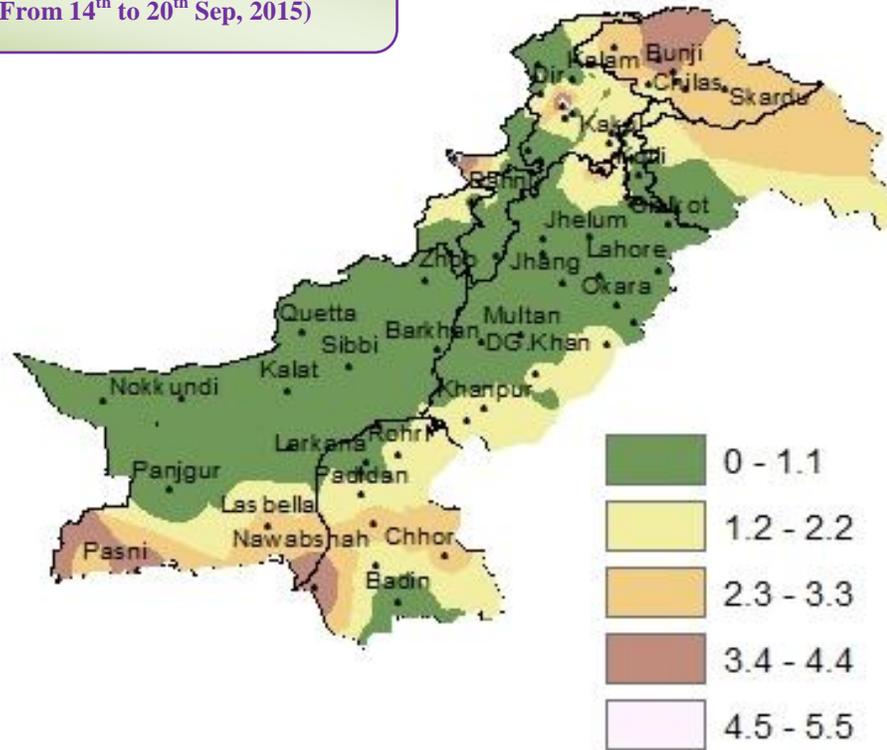
Mean Wind Speed (Knots) at 0800 PST during the Previous Week (From 14th to 20th Sep, 2015)



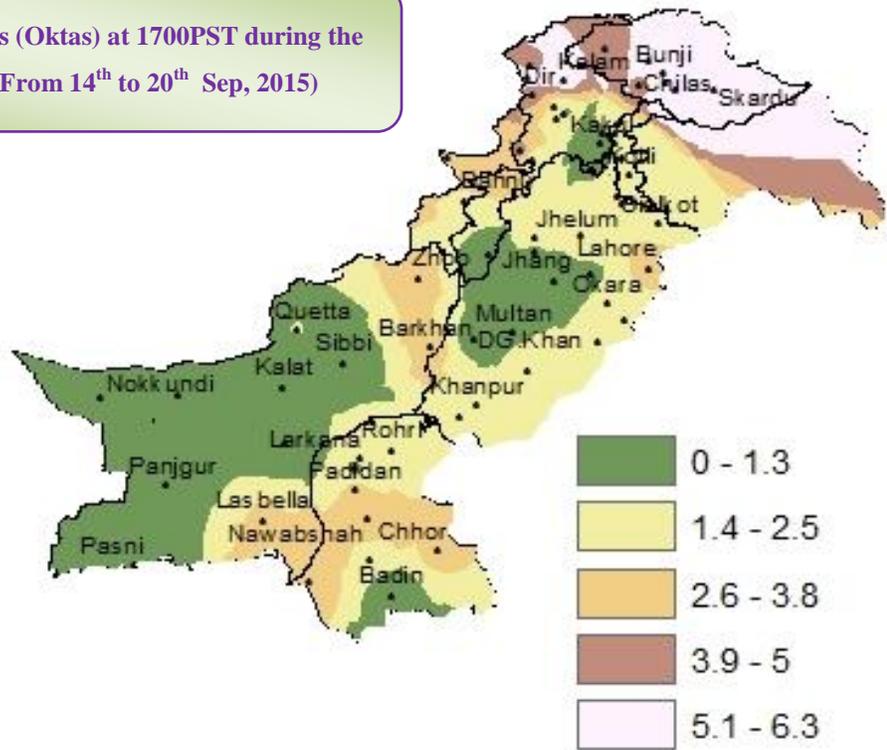
Mean Wind Speed (Knots) at 1700 PST during the Previous Week (From 14th to 20th Sep, 2015)



Mean Cloudiness (Oktas) at 0800PST during the Previous Week (From 14th to 20th Sep, 2015)



Mean Cloudiness (Oktas) at 1700PST during the Previous Week (From 14th to 20th Sep, 2015)



Weekly Weather Advisory for Farmers
(From 21th to 26th September, 2015)

Yesterday's well marked low pressure area, now lies over Indian Gujarat and adjoining areas of south Rajasthan as a low pressure area and likely to move northward in next 24 hours. A westerly wave is also affecting western and upper parts of the country.

MONDAY
21-09-2015

Widespread rain-thundershowers with isolated heavy fall is expected in Bahawalpur, Sahiwal, Lahore, Gujranwala, Rawalpindi, Hazara divisions, Islamabad, Kashmir, while at scattered places in Mirpurkhas, Hyderabad, Sukkur, Malakand, Peshawar, Mardan, Kohat, Sargodha, Faisalabad, DG.Khan, Multan divisions, FATA, Gilgit-Baltistan, whereas at isolated places in Zhob, Kallat divisions. Heat wave conditions in Karachi and adjoining areas are likely to subside on Tuesday.

TUESDAY
22-09-2015

Widespread rain-thundershower is expected in northeast Punjab (Lahore and Gujranwala divisions) and Kashmir, while at scattered places in KP (Malakand, Hazara, Peshawar, Kohat, Mardan, Bannu, D.I.Khan divisions), Punjab (Rawalpindi, Sargodha, Faisalabad, Sahiwal, Bahawalpur, Multan, D.G.Khan divisions), FATA, Islamabad, and Gilgit-Baltistan.

WEDNESDAY
23-09-2015

Mainly hot and dry weather is expected in most parts of the country. However, rain-thunderstorm is expected at isolated places in Hazara, Rawalpindi, Gujranwala, Lahore, Sahiwal divisions, Kashmir and Gilgit-Baltistan.

THURSDAY
24-09-2015

Mainly hot and dry weather is expected in most parts of the country. However, rain-thunderstorm is likely at few places in Gilgit-Baltistan Kashmir and adjoining hilly areas.

FRIDAY
25-09-2015

Mainly hot and dry weather is expected in most parts of the country. However, rain-thunderstorm is expected at a few places in Kashmir and adjoining hilly areas.

SATURDAY
26-09-2015

Mainly hot and dry weather is expected in most parts of the country. However, rain-thunderstorm is expected at a few places in Hazara, Rawalpindi divisions, Kashmir and Gilgit-Baltistan.

ADVISES FOR CROPS

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

General Information

- Weather forecast should be kept in mind before spraying chemicals on standing crops.

National Weather Data of Selected Cities**(Weekly Data from 14th to 20th Sep, 2015)**

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	25.0	26.5	72.6	45	1.4	2.9	5.3	1.7	3.7
Badin	37.0	39.0	177.5	64	2.8	1.1	3.9	0.9	3.1
Bahawalnagar	38.9	41.0	193.3	58	32.0	1.4	1.6	0.0	3.1
Bahawalpur	38.2	39.8	173.5	60	1.0	1.1	1.9	2.0	3.4
Balakot	34.8	35.5	131.1	55	10.4	1.9	0.6	0.4	0.0
Bannu	37.1	37.5	152.8	49	0.0	1.0	2.4	0.0	4.0
Barkhan	35.0	37.0	131.4	39	1.0	0.0	3.1	0.0	2.0
Bunji	32.9	35.0	136.0	34	0.1	4.0	5.9	0.3	1.0
Cherat	29.1	31.0	130.6	56	0.0	0.7	1.7	2.9	1.4
Chhor	40.6	42.5	178.6	59	76.0	2.4	3.0	1.1	4.3
Chilas	35.7	37.7	157.3	22	0.1	1.9	4.9	1.1	3.4
Chitral	31.6	33.0	102.0	58	0.6	0.7	4.6	0.0	12.0
D.I.Khan	39.7	40.0	168.9	63	0.1	0.0	0.3	0.3	0.9
Dalbandin	38.6	40.0	147.0	19	0.0	0.0	0.0	0.3	2.0
DG.Khan	37.7	39.0	174.9	62	0.0	0.3	0.6	0.6	2.0
Dir	32.0	33.0	92.5	62	4.0	1.0	4.4	0.0	1.4
Drosh	33.5	34.0	122.1	38	4.2	1.1	5.9	0.0	13.9
Faisalabad	37.3	38.5	186.0	58	0.0	0.0	2.1	0.8	0.9
Garidopatta	35.6	36.5	133.4	58	17.0	1.6	1.3	0.3	0.6
Gawader	34.7	36.0	159.1	73	0.0	2.5	0.6	0.7	11.1
Gilgit	32.3	34.0	103.9	48	0.3	4.3	5.7	0.0	7.1
Gupis	26.7	28.5	87.3	41	0.0	2.6	4.4	1.1	3.1

Hyderabad	38.4	39.5	177.3	61	0.0	1.8	2.1	8.7	14.3
Islamabad	35.9	36.0	153.4	59	0.2	2.4	1.1	0.6	0.6
Jacobabad	38.0	38.5	177.5	46	0.0	0.6	1.4	0.6	6.6
Jhang	39.0	39.5	171.4	58	0.0	0.0	0.4	0.0	0.0
Jhelum	37.4	37.6	172.0	65	0.0	1.0	1.7	1.1	2.3
Jiwani	33.0	35.0	161.9	68	0.0	4.3	0.7	2.3	6.6
Joharabad	38.4	38.7	173.0	67	0.0	0.0	2.1	0.6	2.0
Kakul	31.6	32.0	111.5	62	11.0	1.4	0.3	0.3	1.1
Kalam	24.6	25.5	61.6	57	3.0	0.7	6.3	0.0	1.4
Kalat	26.3	27.0	69.8	31	0.0	0.0	0.0	0.0	0.0
Karachi	38.1	42.7	182.2	63	0.0	4.1	3.7	5.1	11.1
Khanpur	38.2	40.3	174.3	67	1.7	1.1	2.0	0.0	1.1
Khuzdar	33.6	34.0	147.8	18	0.0	0.0	0.0	0.0	0.0
Kotli	35.3	35.6	150.7	56	7.0	1.0	1.3	3.4	2.0
Lahore	35.8	37.0	173.1	63	27.6	0.9	3.1	0.0	1.1
Larkana	38.4	39.0	179.1	66	0.0	0.8	2.0	1.0	3.4
Lasbella	41.9	43.0	170.4	53	0.0	2.3	2.7	0.7	6.3
Lower Dir	36.6	37.5	154.5	45	2.0	5.6	2.6	1.7	1.7
M.B Din	37.6	38.3	173.4	66	6.0	0.9	2.0	0.3	0.3
Malam Jabba	20.9	21.0	64.7	57	21.0	0.6	1.0	0.0	0.0
Mangla	37.5	38.5	171.7	56	0.0	1.1	2.3	0.0	8.0
Mir Khani	34.9	35.0	157.0	44	8.8	1.6	5.1	0.0	3.9
Moinjodaro	38.2	40.0	182.7	62	0.0	0.7	0.9	1.7	4.6
Multan	38.0	39.2	183.2	53	0.0	0.6	1.1	2.9	5.4
Murree	24.9	25.1	88.9	65	6.8	1.9	1.0	1.1	1.1
Muzaffarabad	34.8	35.4	134.3	60	15.4	1.6	1.9	0.0	1.3

Nawabshah	40.3	42.0	179.2	56	0.0	2.5	3.1	5.2	9.4
Nokkundi	38.5	39.5	162.0	12	0.0	0.0	0.0	3.0	9.4
Noorpurthal	41.5	42.0	176.2	58	0.0	0.0	1.0	0.0	0.9
Okara	37.9	39.8	176.8	61	0.0	0.9	1.6	1.7	1.7
Padidan	38.6	40.0	170.5	63	0.1	2.2	2.9	0.7	4.0
Panjgur	34.6	37.0	136.8	26	0.0	0.0	0.0	3.7	14.0
Parachinar	24.1	25.6	79.3	61	76.7	4.4	3.6	3.6	3.6
Pasni	34.4	38.5	162.8	70	0.0	3.8	0.9	2.3	11.4
Pattan	35.2	36.0	131.0	82	0.0	0.9	3.1	0.0	6.9
Peshawar	36.1	36.5	170.1	59	1.0	0.7	4.1	0.6	2.6
Quetta	30.7	31.0	125.3	24	0.0	0.0	2.1	2.0	3.6
R.Y.Khan	40.5	42.2	180.4	62	0.6	1.3	2.0	0.3	2.6
Rawalakot	28.4	29.0	92.0	66	1.0	1.0	2.1	0.6	1.7
Rohri	39.5	42.0	188.6	55	0.0	1.6	1.4	1.4	2.9
Rawalpindi	35.7	36.5	173.3	53	0.0	1.9	0.5	1.1	1.5
Sahiwal	37.3	38.3	164.2	65	0.0	0.4	1.3	0.6	1.7
Saidu Sharif	34.4	35.0	129.1	58	25.0	0.7	2.3	0.0	0.3
Sialkot	35.9	36.7	166.9	68	9.1	0.7	2.1	0.0	1.4
Sibbi	42.9	43.5	160.5	48	0.0	0.0	0.0	0.0	1.7
Skardu	27.3	28.6	75.7	42	0.3	2.7	5.3	0.0	6.3
Tandojam	37.5	39.0	181.8	65	0.0	2.4	1.7	2.5	3.1
Usta.M	38.1	39.0	186.0	55	0.0	0.6	2.3	0.5	2.6
Zhob	34.7	35.5	133.5	38	2.0	0.0	2.9	5.0	5.0

*** Shows the data is not available.