

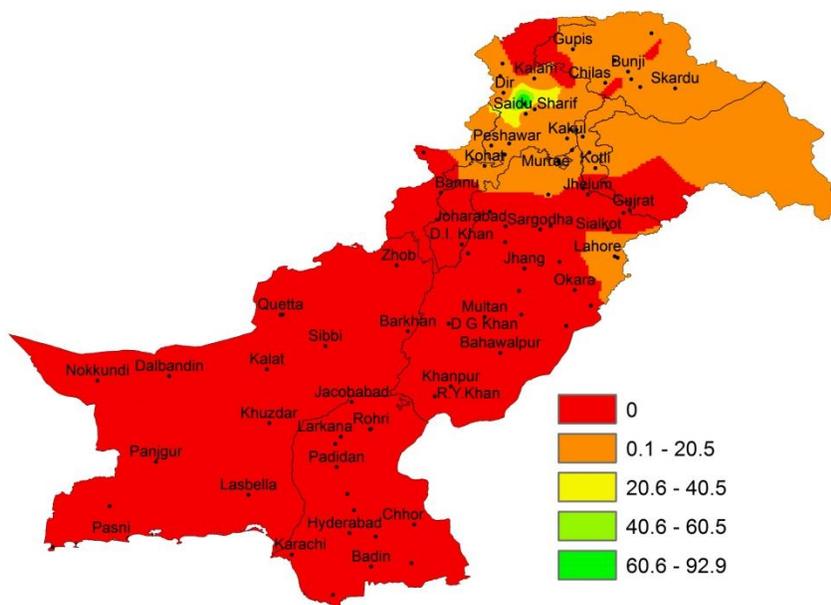
Weekly Weather and Crop Bulletin for Pakistan

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

Phone: +92-51-9250592

Email: info@namc.pmd.gov.pk

**Rainfall Distribution (mm) during the
Previous Week (From 29th September to 5th October, 2014)**



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

Highlights of Past Weather (From 29th September to 5th October, 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 rainfall reported at few places in Punjab.
- Dry weather was reported in Sindh and Balochistan
- Light to moderate rainfall reported at few places in Khyber Pakhtunkhwa and Gilgit-Baltistan.

Past Weather of Provinces (From 29th September to 5th October, 2014)

Punjab

Light rainfall reported at few places in Punjab during the week. Weekly maximum and minimum temperatures recorded 35.2°C & 23.4°C respectively. For the present season average 170.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 66% and wind speed in the morning/evening 1.4/2.5 Knots. During the previous week highest amount of rainfall reported at Murree 5.0mm and highest maximum temperature was recorded 40.5°C at Noorpurthal.

Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 37.1°C & 23.5°C respectively. For the present season average 176.4 growing degree days accumulated by the end of last week. Average relative humidity recorded 65% and wind speed in the morning/evening recorded 4.1/6.3 Knots. During the previous week highest maximum temperature was recorded 41.5°C at Nawabshah.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 31.2°C & 17.8°C respectively. For the present season average 133.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 62% and wind speed in the morning/evening recorded 0.7/3.0 Knots during the previous week highest amount of rainfall reported at Lower Dir 95.0 mm and highest maximum temperature recorded 38.5°C at D.I. Khan.

Balochistan

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 35.0°C & 20.4°C respectively. For the present season average 159.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 46% and wind speed in the morning/evening recorded 1.2/5.2 Knots. During the previous week highest maximum temperature recorded 42.5°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 30.3°C & 14.4°C respectively. For the present season average 121.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 56% and wind speed in the morning/evening recorded 2.4/1.1 Knots. During the previous week highest amount of rainfall reported at Astore 5.0mm and highest maximum temperature recorded 36.1°C at Chilas.

**Past Weather for Major Agricultural Plains
(From From 29thSeptember to 5th October,
2014)**

Rawalpindi (Potohar region)

Rainfall reported as “Trace”(Not Measureable) during the week; however cloudiness in the morning/evening recorded 1.4/1.2Oktas while, average relative humidity observed 52%.Meanday time temperature recorded 33.8°C &for the present season 153.5growing degree days accumulated by the end of last week.Wind speed recorded in the morning/evening as 0.1/0.1Knots.

Faisalabad (Central Punjab)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/0.7Oktaswhile average relative humidity observed as 56%.Meanday time temperature recorded 35.1°C &for the present season 182.6growing degree days accumulated by the end of last week.Wind speed recorded in the morning/evening as 0.9/1.0Knots.

Quetta (Northern Balochistan)

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 0.0/0.3Oktas while, average relative humidity observed as 23%.Meanday time temperature recorded 31.0°C for the present season 125.2growing degree days accumulated by the end of last week.Wind speed recorded in the morning/evening as 1.4/2.0Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0Oktaswhile,average relative humidity observed as 66%.Meanday time temperature recorded 36.2°C&for the present season 183.6growing degree days accumulatedby 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 0.4/0.0Oktas while average relative humidity observed as 67%.Mean day time temperature recorded 37.5°C &for the present season 175.8growing degree days accumulated by the end of last week.Wind speed recorded in the morning/evening 1.3/2.8Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From From 29thSeptember to 5th
October, 2014)**

Rohri

Dry weather was reported during the week; howevercloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed as 57%.Mean day time temperature recorded 37.7°C&for the present season 185.5growing degree days accumulated by the end of last week. Wind speedrecorded in the morning/evening as 2.4/2.3Knots.

Multan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.9Oktas while, average relative humidity observed as 60%.Mean day time temperature recorded 36.8°C&for the present season 184.2growing degree days accumulated by the end of last week.Wind speedrecorded in the morning/evening as 5.2/9.1Knots.

Lahore

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.2/2.3Oktas while, average relative humidity observed as 62%.Mean day time temperature recorded 34.8°C&for the present season 177.2growing degree days accumulated by the end of last week. Wind speedrecorded in the morning/evening as 0.0/2.3Knots.

Zhob

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/0.3 Oktas while, average relative humidity observed as 50%. Mean day time temperature recorded 34.1°C & for the present season 156.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.0/6.1 Knots.

D.I. Khan

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 62%. Mean day time temperature recorded 37.2°C & for the present season 175.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.4/1.1 Knots.

Peshawar

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.4/0.6 Oktas while, average relative humidity observed as 63%. Mean day time temperature recorded 34.8°C & for the present season 171.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.8/1.6 Knots.

Murree

Rainfall reported as 5.0mm during the week; however cloudiness in the morning/evening recorded 1.6/5.4 Oktas while, average relative humidity observed as 71%. Mean day time temperature recorded 21.2°C & for the present season 88.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.8/1.1 Knots.

Kalam

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/1.1 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 24.6°C & for the present season 84.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.1 Knots.

Gilgit

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 2.4/3.6 Oktas while, average relative humidity observed as 55%. Mean day time temperature recorded 32.9°C & for the present season 116.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/0.3 Knots.

Skardu

Rainfall reported as 0.2mm during the week; however cloudiness in the morning/evening recorded 3.2/3.7 Oktas while, average relative humidity observed as 55%. Mean day time temperature recorded 26.4°C & for the present season 83.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/0.6 Knots.

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

Potohar Region (Rawalpindi)

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

Maize: Good condition at *Tesling stage*.

Central Punjab (Faisalabad)

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

Cotton: Normal condition at *Picking stage*.

Lower Sindh (Tandojam)

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

Cotton: Good condition at *boll opening stage*.

Northern Balochistan (Quetta)

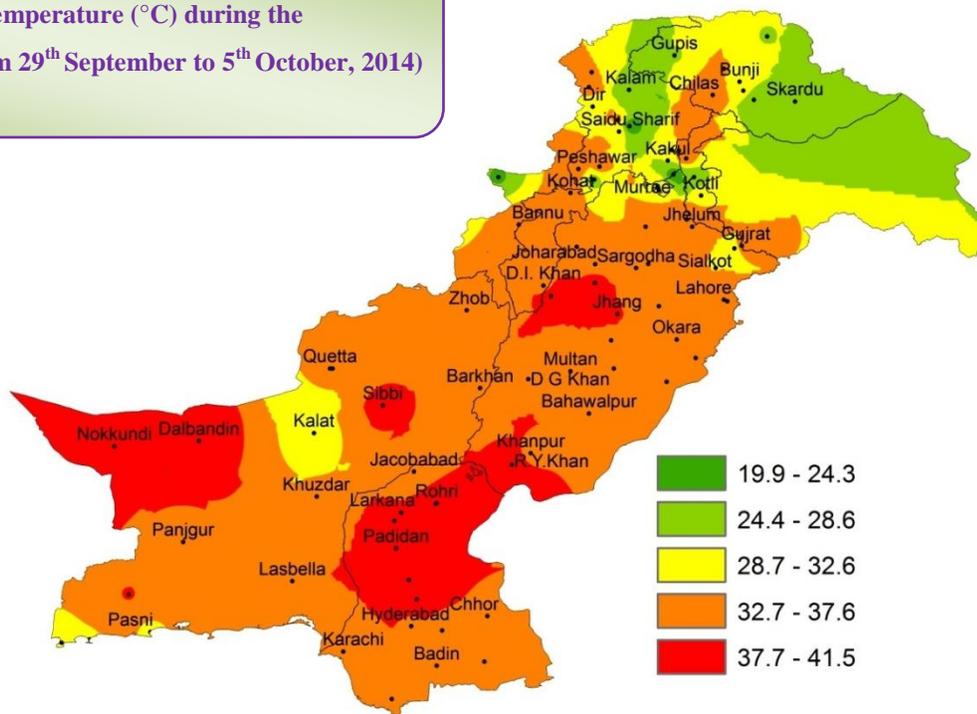
There is presently no crop in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

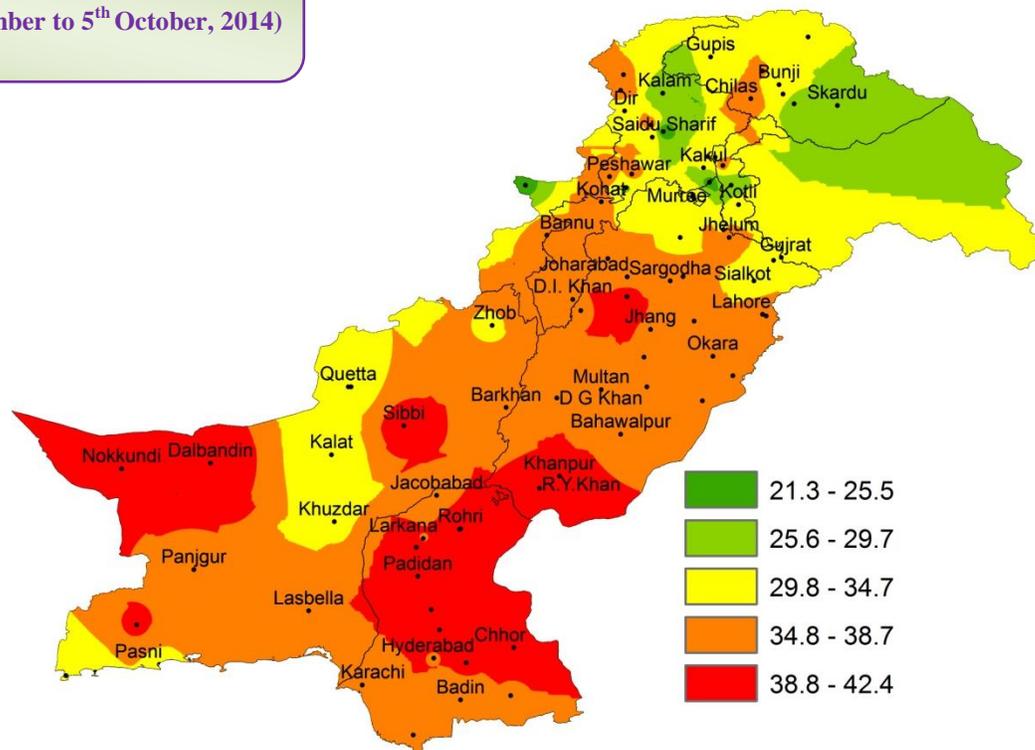
There is presently one crop grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *shooting stage*.

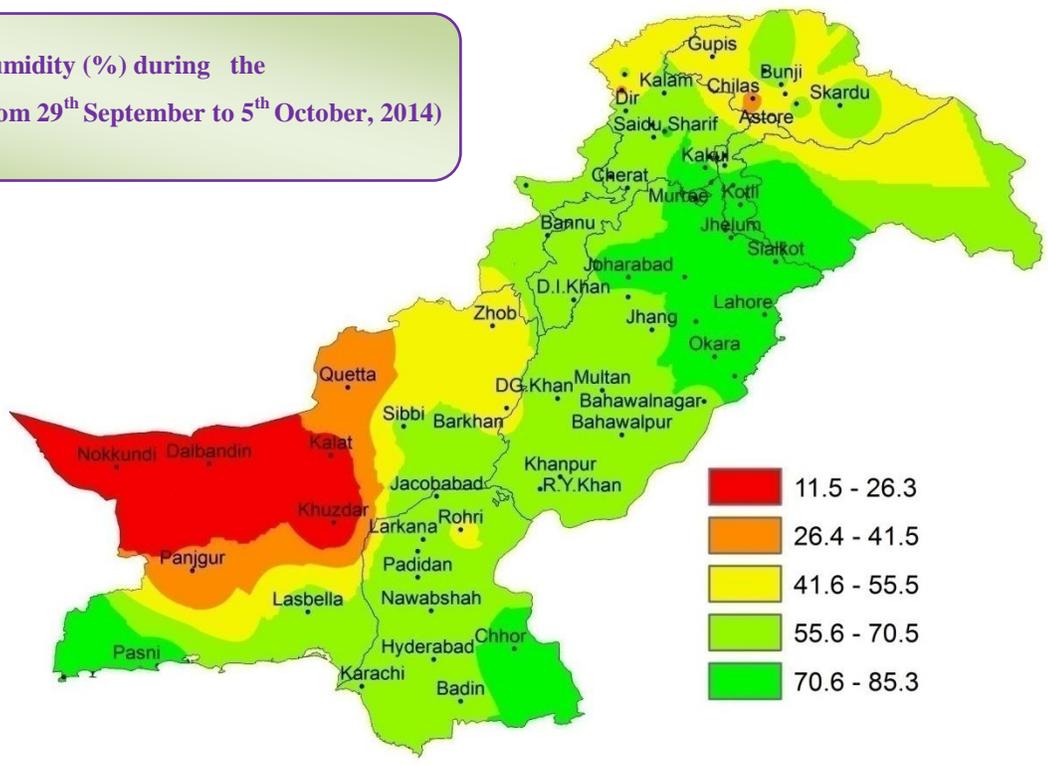
Mean Maximum Temperature (°C) during the Previous week (from 29th September to 5th October, 2014)



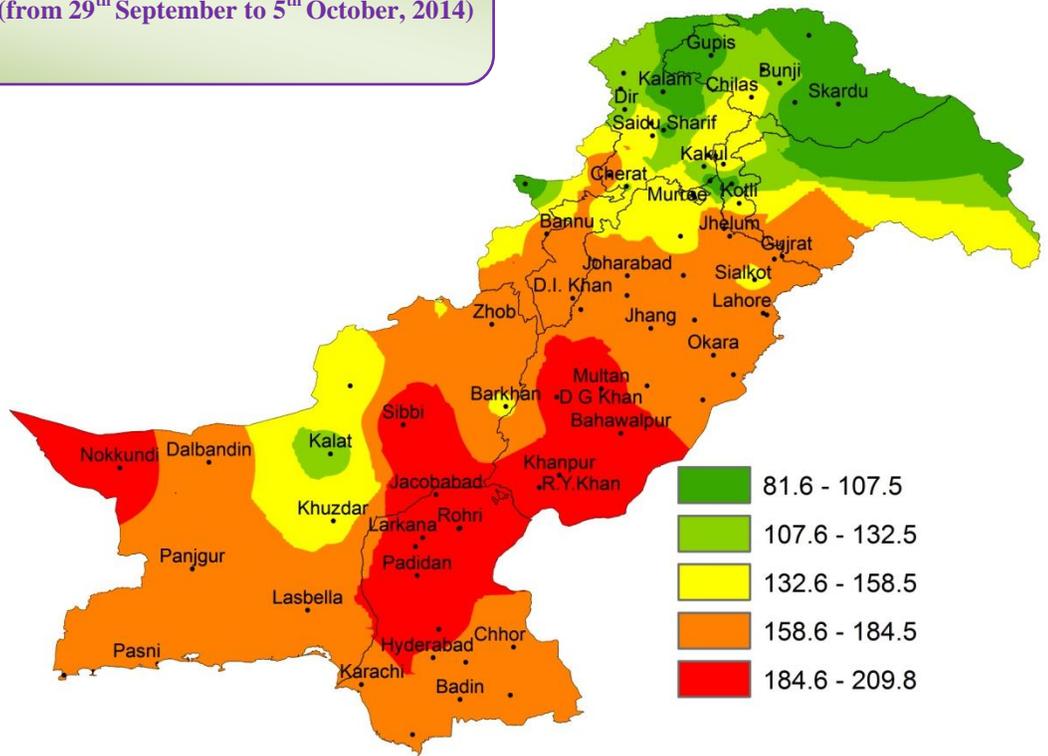
Highest Maximum Temperature (°C) during the Previous week (from 29th September to 5th October, 2014)



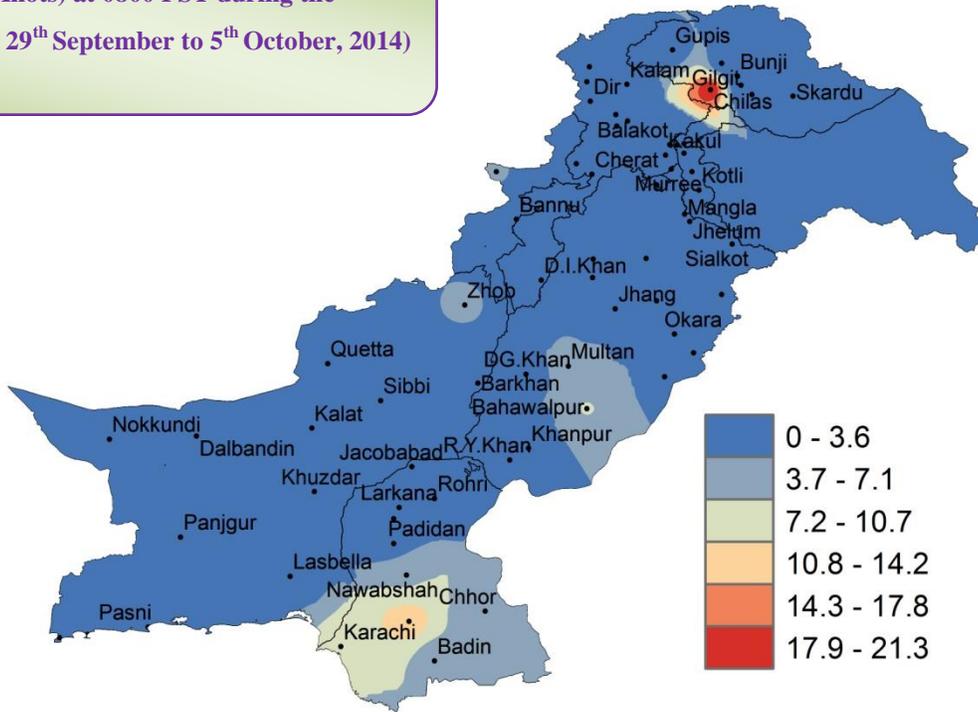
Mean Relative Humidity (%) during the Previous week (from 29th September to 5th October, 2014)



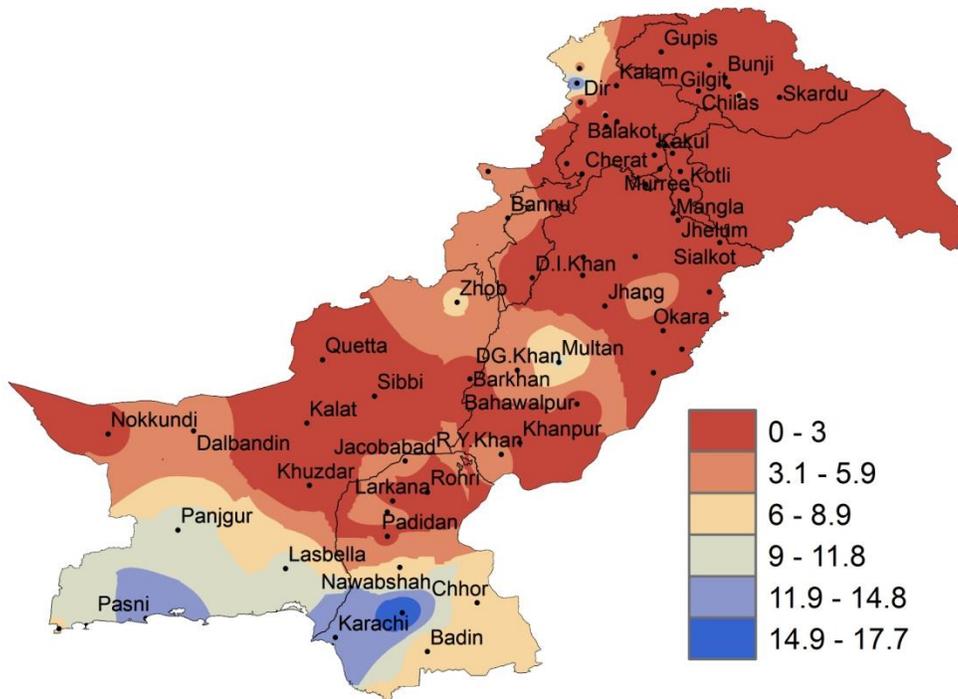
Total Growing Degree Days accumulated during the Previous week (from 29th September to 5th October, 2014)



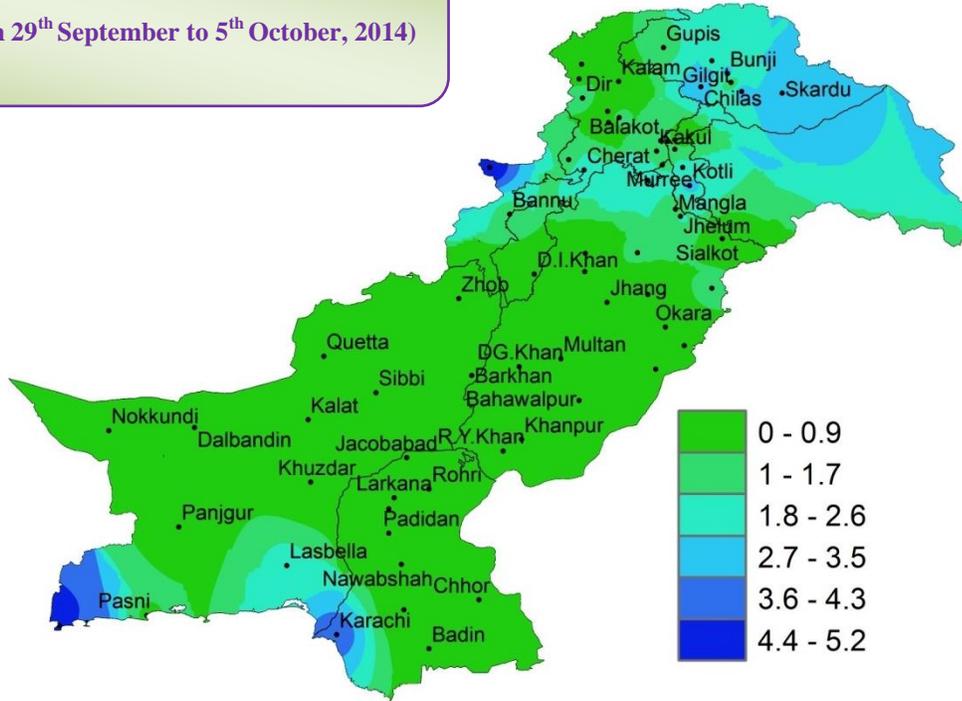
Mean Wind Speed (Knots) at 0800 PST during the Previous week (from 29th September to 5th October, 2014)



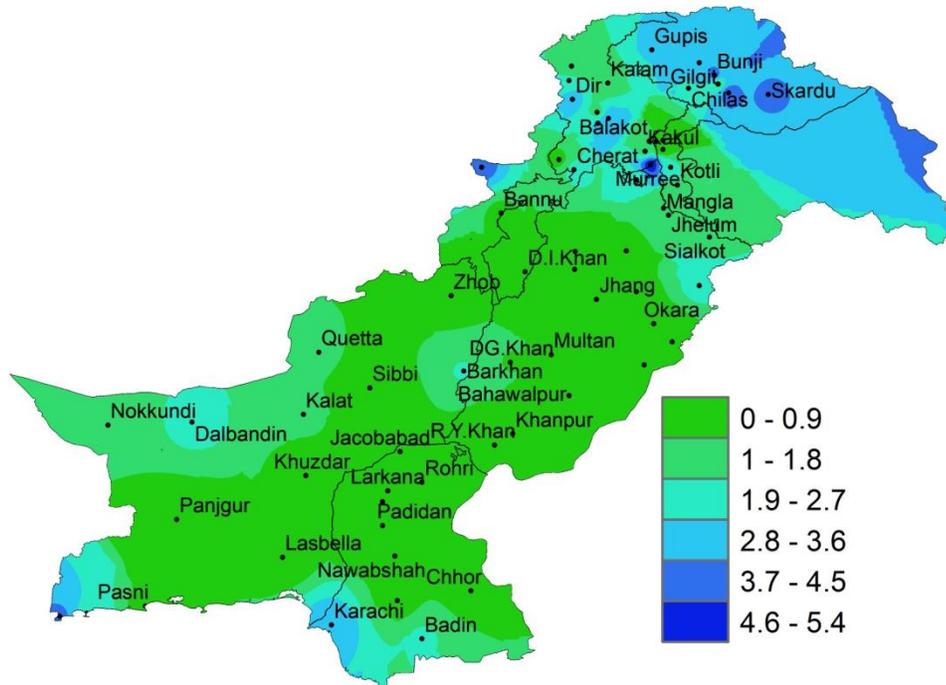
Mean Wind Speed (Knots) at 1700 PST during the Previous week (from 29th September to 5th October, 2014)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (from 29th September to 5th October, 2014)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (from 29th September to 5th October, 2014)



Weekly Weather Advisory for Farmers
(From 8th to 14th October, 2014)

A westerly wave is affecting upper parts of the country and likely to move eastward during next 12 to 18 hours. Continental air would prevail over most parts of the country during next 4 to 5 day from tomorrow. Seasonal low lies over north Balochistan and adjoining areas.

WEDNESDAY
08-10-2014

Mainly hot and dry weather is expected in most parts of the country; however, rain-thunderstorm is expected at isolated places in upper Khyber Pakhtunkhwa (Malakand, Hazara, Peshawar, Mardan, and Kohat divisions), upper Punjab (Rawalpindi, Gujranwala, Sargodha, and Lahore divisions), Islamabad, Kashmir and Gilgit-Baltistan.

THURSDAY
09-10-2014

Mainly hot and dry weather is expected in most parts of the country; however, light rain-thunderstorm is expected at isolated places in Malakand division and Gilgit-Baltistan.

FRIDAY
10-10-2014

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

SATURDAY
11-10-2014

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

SUNDAY
12-10-2014

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

MONDAY
13-10-2014

Mainly hot and dry weather is expected in most parts of the country. However, rain-thunderstorm is expected at isolated places in Malakand, Hazara, Peshawar, Rawalpindi divisions and Kashmir

TUESDAY
14-10-2014

Mainly hot and dry weather is expected in most parts of the country. However, rain-thundershower associated with gusty winds is expected at isolated places in Malakand, Hazara, Peshawar, Mardan, Rawalpindi, Sargodha, Gujranwala, Lahore divisions, Islamabad, Kashmir and 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 29th September to 5th October, 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	23.1	25.6	78.1	48	5.0	3.0	4.3	0.0	3.1
Badin	34.2	35	172.2	66	0.0	0.0	2.0	4.8	6.0
Bahawalnagar	36.9	37.8	179.6	53	0.0	0.0	0.0	2.4	2.9
Bahawalpur	35.9	36.5	176.2	59	0.0	0.0	0.0	7.2	2.0
Balakot	31.3	32.8	140.0	68	8.0	1.6	1.5	0.8	0.8
Bannu	36.3	38.6	178.4	53	0.0	1.4	0.6	1.2	4.0
Barkhan	34.0	35.5	154.5	49	10.0	0.0	1.9	0.0	2.0
Bunji	30.4	32.8	127.3	50	0.1	3.0	4.1	0.4	0.3
Cherat	27.9	29.5	126.5	62	22.0	2.2	2.1	2.4	2.9
Chhor	35.0	35.5	170.0	76	0.0	0.0	0.4	3.6	7.1
Chilas	34.4	36.5	151.2	32	0.1	3.0	2.4	21.4	2.0
Chitral	32.3	35.5	122.5	62	1.0	0.4	1.3	0.0	5.1
DG.Khan	37.1	39.2	188.9	62	0.0	0.0	0.9	0.8	4.9
D.I.Khan	37.2	39	175.0	62	0.0	0.0	0.0	0.4	1.1
Dalbandin	41.1	42.5	175.5	28	0.0	0.4	2.1	2.0	4.0
Dir	29.6	33	113.5	73	32.0	1.2	3.3	0.0	2.0
Drosh	32.9	35	130.0	39	1.0	0.8	1.9	0.0	15.1
Faisalabad	35.1	36.8	182.6	56	0.0	1.0	0.7	0.9	1.0
Garidopatta	34.6	35	147.5	62	10.0	1.2	0.6	0.0	0.0
Gawader	32.5	33	161.0	76	0.0	4.2	2.4	0.0	10.1
Gilgit	32.9	33	116.8	55	0.1	2.4	3.6	0.0	0.3
Gupis	27.1	31.5	108.5	40	0.0	1.4	2.8	1.2	2.7

Hyderabad	35.8	37.1	174.7	64	0.0	0.0	0.4	12.4	17.7
Islamabad	32.7	33.8	150.7	71	28.2	2.6	1.9	0.0	1.1
Jacobabad	35.5	36.5	171.5	68	0.0	0.0	0.0	1.6	3.4
Jhang	36.6	38.5	174.0	62	0.0	0.0	0.0	0.4	1.4
Jhelum	35.3	35.7	171.6	70	0.0	1.8	1.7	0.0	1.7
Jiwani	31.1	31.5	158.0	74	0.0	5.2	3.9	1.6	8.6
Joharabad	35.7	36.5	175.8	80	0.0	0.6	0.0	0.4	1.1
Kakul	29.2	30.7	128.0	67	21.0	1.6	1.3	0.0	0.9
Kalam	24.6	27	84.8	60	0.0	0.0	1.1	0.0	1.1
Kalat	30.0	31	104.5	25	0.0	0.0	1.1	0.0	0.3
Karachi	32.6	33.5	170.8	67	0.0	4.0	3.6	8.4	12.3
Khanpur	36.8	37.8	174.9	64	0.0	0.0	0.0	0.4	0.9
Khuzdar	33.7	34.5	153.8	15	0.0	0.0	0.4	0.0	1.7
Kotli	32.6	33.6	152.3	68	4.0	2.8	1.7	1.8	1.4
Lahore	34.9	35.5	178.5	62	0.1	1.2	2.3	0.0	2.3
Larkana	34.8	38	177.2	66	0.0	0.0	0.0	2.0	2.3
Lasbella	36.9	37.5	174.0	60	0.0	2.0	0.0	0.5	9.1
Lower Dir	33.7	36	150.8	62	37.0	0.0	1.1	1.6	3.4
Malamjabba	19.5	20.5	62.4	75	25.0	1.2	3.7	0.0	0.0
M.B Din	35.3	36.5	171.7	74	0.0	1.0	0.4	0.4	1.1
Mangla	35.1	35.5	167.2	70	1.0	1.2	1.0	0.0	2.0
Mir Khani	28.8	33	129.2	49	6.0	0.8	1.3	0.0	2.7
Moinjodaro	37.6	38.8	170.4	60	0.0	0.0	0.3	2.0	4.0
Multan	36.8	38.2	180.5	60	0.0	0.0	0.9	5.2	9.1
Murree	21.2	23.8	88.2	71	5.0	1.6	5.4	2.8	1.1
Muzaffarabad	34.4	36	147.9	66	10.0	1.6	0.9	0.4	1.3

Nokkundi	40.1	41.5	186.8	12	0.0	0.6	1.0	0.8	2.6
Noorpurthal	38.9	40.5	186.6	63	0.0	0.0	0.4	0.0	1.1
Okara	36.1	36.5	172.1	63	0.0	0.0	0.0	0.0	1.1
Padidan	37.3	38	178.3	70	0.0	0.0	0.0	2.0	2.3
Panjgur	35.5	36.5	162.8	37	0.0	0.0	0.0	1.2	9.7
Parachinar	24.9	27	***	66	50.0	5.0	4.1	3.8	3.6
Pasni	32.2	33	157.0	77	0.0	0.8	0.4	0.5	14.3
Peshawar	34.8	37	171.8	63	0.1	1.4	0.6	0.8	1.6
Quetta	31.0	31.6	125.2	23	1.0	0.0	0.3	1.4	2.0
R.Y.Khan	38.5	39.3	182.5	64	0.0	0.0	0.0	3.2	4.0
Rawalakot	25.5	27	99.5	78	9.1	2.0	2.0	0.8	0.3
Rohri	37.7	39.5	185.5	57	0.0	0.0	0.0	2.4	2.3
Rawalpindi	33.8	34	153.5	52	0.1	1.4	1.2	0.1	0.1
Sahiwal	35.9	36.2	159.6	63	0.0	0.0	0.0	0.8	2.7
Saidu Sharif	32.3	34.5	137.4	65	7.0	0.6	2.9	0.0	0.0
Sialkot	32.9	33.2	162.7	74	0.0	0.0	1.6	0.0	0.9
Sibbi	38.6	40.5	201.6	50	0.0	0.0	0.0	0.4	0.6
Skardu	26.4	28.6	83.9	55	0.1	3.2	3.7	0.0	0.6
Tandojam	37.5	38.5	175.8	67	0.0	0.4	0.0	1.3	2.8
U.Muhammad	36.2	37	183.6	66	0.0	0.0	0.0	0.1	0.1
Zhob	34.1	35.5	156.5	50	0.0	0.4	0.3	4.0	6.1

*** Shows that data was not available.