

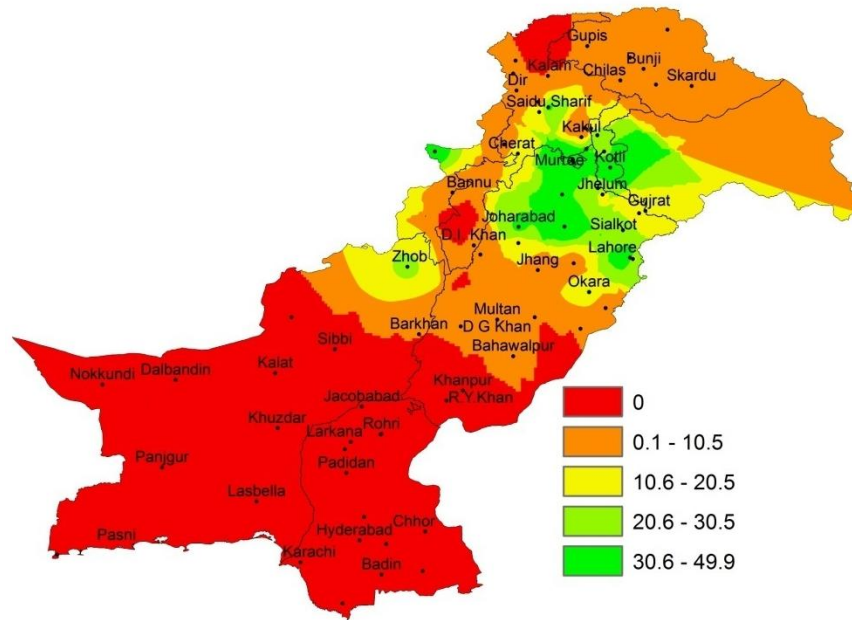
Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the
Previous Week (From 8th to 14th September, 2014)**



Highlights of Past Weather (From 8th to 14th September, 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 Punjab, Khyber Pakhtunkhwa and Gilgit Baltistan.
- Dry weather was reported in Sindh.
- Light rainfall reported only at a single station (Zhub: 22.0mm) in Balochistan.

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

Past Weather of Provinces (From 8th to 14th September, 2014)

Punjab

Light to moderate rainfall reported at many places in Punjab during the week. Weekly maximum and minimum temperatures recorded 34.6°C & 24.2°C respectively. For the present season average 170.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 70% and wind speed in the morning/evening recorded 1.2/1.9 Knots. During the previous week highest amount of rainfall reported at Sargodha 66.0mm and highest maximum temperature was recorded 41.0°C at R. Y. Khan.

Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 37.4°C & 25.8°C respectively. For the present season average 185.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 65% and wind speed in the morning/evening recorded 3.8/5.9 Knots. During the previous week highest maximum temperature was recorded 42.0°C at Dadu.

Khyber Pakhtunkhwa

Light to moderate rainfall reported at many places in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 32.0°C & 18.1°C respectively. For the present season average 136.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 62% and wind speed in the morning/evening recorded 0.7/3.9 Knots. During the previous week highest amount of rainfall reported at Risalpur 45.0 mm and highest maximum temperature recorded 39.0°C at D.I.Khan.

Balochistan

Light rainfall reported only at a single station (Zhub: 22.0mm) in Baluchistan during the week. Weekly maximum and minimum temperatures recorded 35.2°C & 21.9°C respectively. For the present season average 165.5 growing degree days accumulated by the end of last week. Average relative humidity recorded 46% and wind speed in the morning/evening recorded 1.2/4.4Knots. 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 28.9°C & 15.2°C respectively. For the present season average 119.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 60% and wind speed in the morning/evening recorded 0.3/1.4 Knots. During the previous week highest amount of rainfall reported at Kotli 50.1mm and highest maximum temperature recorded 35.8°C at Muzaffarabad.

Past Weather for Major Agricultural Plains (8th to 14th September, 2014)**Rawalpindi (Potohar region)**

Rainfall reported as 61.0mm during the week; however cloudiness in the morning/evening recorded 2.9/2.1 Oktas while, average relative humidity observed 75%. Mean day time temperature recorded 32.7°C & for the present season 150.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.3 Knots.

Faisalabad (Central Punjab)

Rainfall reported as 5.4mm during the week; however cloudiness in the morning/evening recorded 2.6/1.1 Oktas while average relative humidity observed as 68%. Mean day time temperature recorded 34.2°C & for the present season 180.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.0/0.8 Knots.

Quetta (Northern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/2.6Oktas while, average relative humidity observed as 29%. Mean day time temperature recorded 31.6°C for the present season 136.1 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.9/3.0 Knots.

Usta Muhammad (Eastern Balochistan)

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 57%. Mean day time temperature recorded 38.4°C & for the present season 196.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/2.3Knots.

Tandojam (Lower Singh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 2.0/1.4 Oktas while average relative humidity observed as 69%. Mean day time temperature recorded 37.1°C & for the present season 180.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 1.6/2.2 Knots.

Past Weather for Sub-Regional Agricultural Plains (From 8th to 14th September, 2014)**Rohri**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.6 Oktas while, average relative humidity observed as 54%. Mean day time temperature recorded 39.7°C & for the present season 206.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/2.0 Knots.

Multan

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 0.4/3.0Oktas while, average relative humidity observed as 64%. Mean day time temperature recorded 36.8°C & for the present season 191.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.0/7.1 Knots.

Lahore

Rainfall reported as 14.0mm during the week; however cloudiness in the morning/evening recorded 1.1/3.9 Oktas while, average relative humidity observed as 75%. Mean day time temperature recorded 33.1°C & for the present season 170.4 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/1.4 Knots.

Zhob

Rainfall reported as 22.0mm during the week; however cloudiness in the morning/evening recorded 0.3/1.4 Oktas while, average relative humidity observed as 48%. Mean day time temperature recorded 34.1°C & for the present season 159.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/6.7 Knots.

D.I. Khan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/2.9 Oktas while, average relative humidity observed as 68%. Mean day time temperature recorded 37.5°C & for the present season 179.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/1.4 Knots.

Peshawar

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.0/3.0 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 36.4°C & for the present season 175.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.7/1.4 Knots.

Murree

Rainfall reported as 32.0mm during the week; however cloudiness in the morning/evening recorded 2.4/5.4 Oktas while, average relative humidity observed as 79%. Mean day time temperature recorded 22.8°C & for the present season 90.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/0.9 Knots.

Kalam

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.0/4.7 Oktas while, average relative humidity observed as 61%. Mean day time temperature recorded 24.9°C & for the present season 87.2 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 3.4/5.3 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 29.6°C & for the present season 117.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.6/2.3 Knots.

Skardu

Rainfall reported as 0.2mm during the week; however cloudiness in the morning/evening recorded 4.1/5.9 Oktas while, average relative humidity observed as 57%. Mean day time temperature recorded 25.8°C & for the present season 95.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/3.7 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 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)

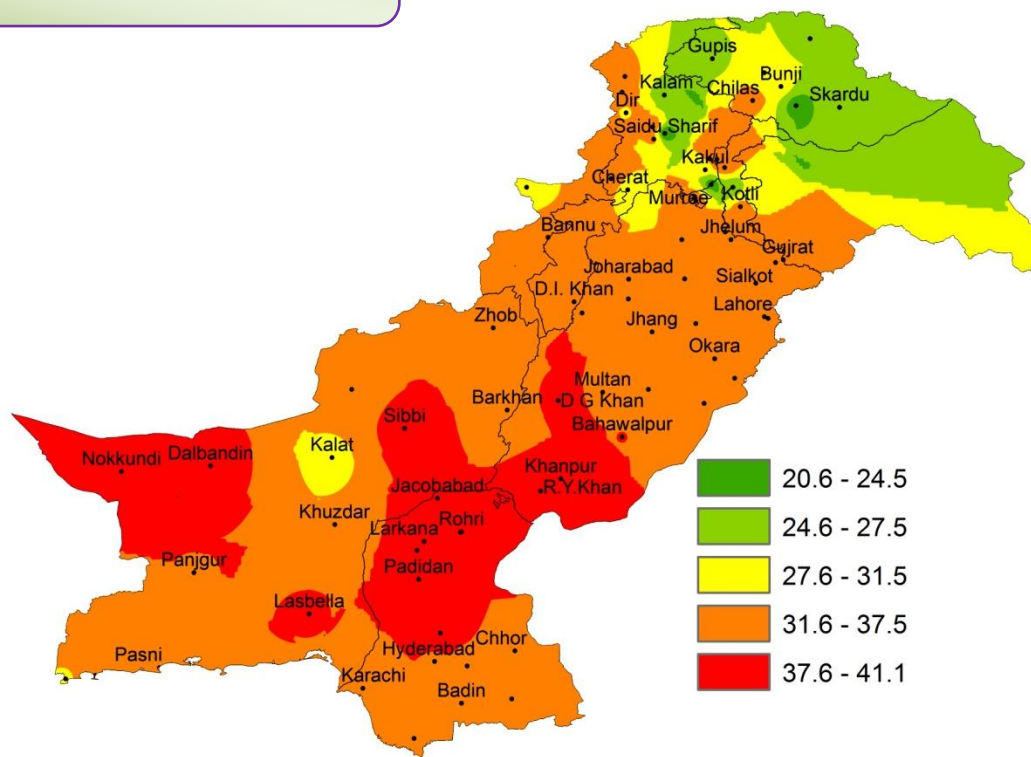
There is presently no crop in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

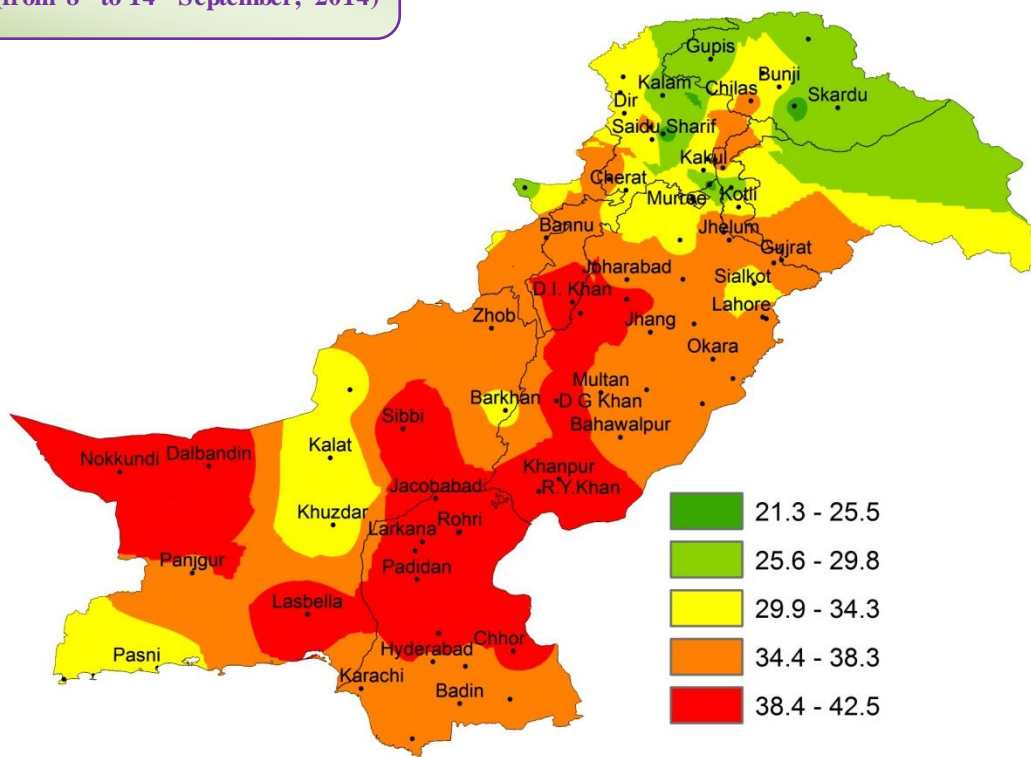
There is presently one crop grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *shooting stage*.

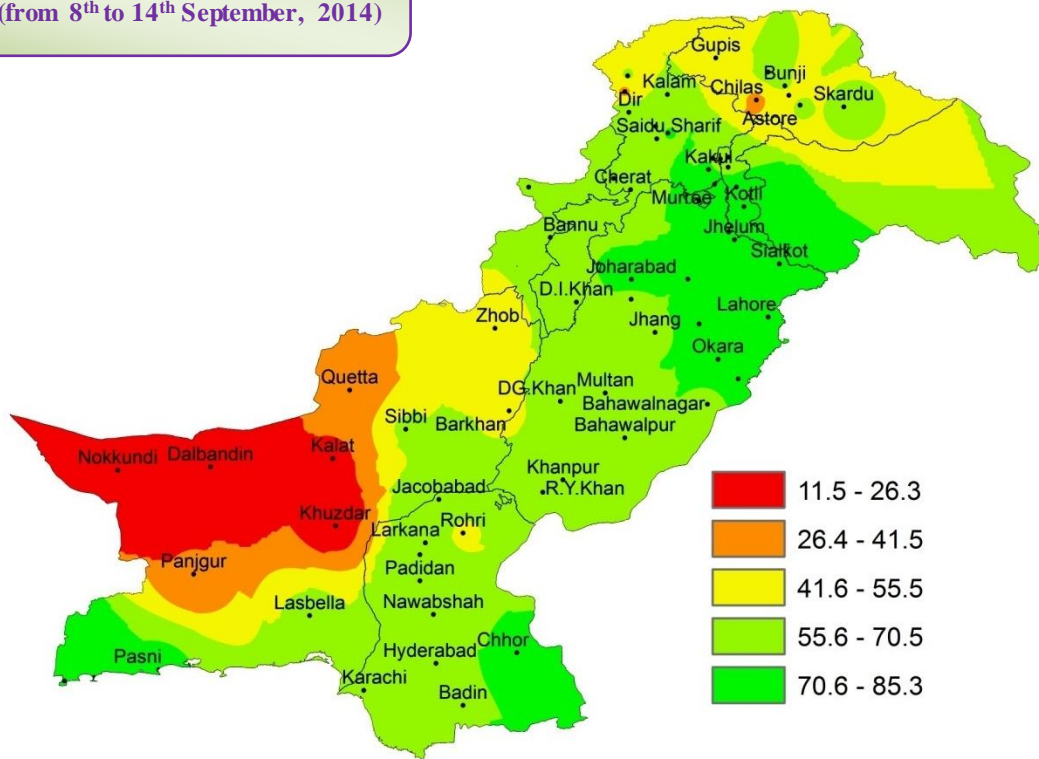
Mean Maximum Temperature (°C) during the Previous week (from 8th to 14th September, 2014)



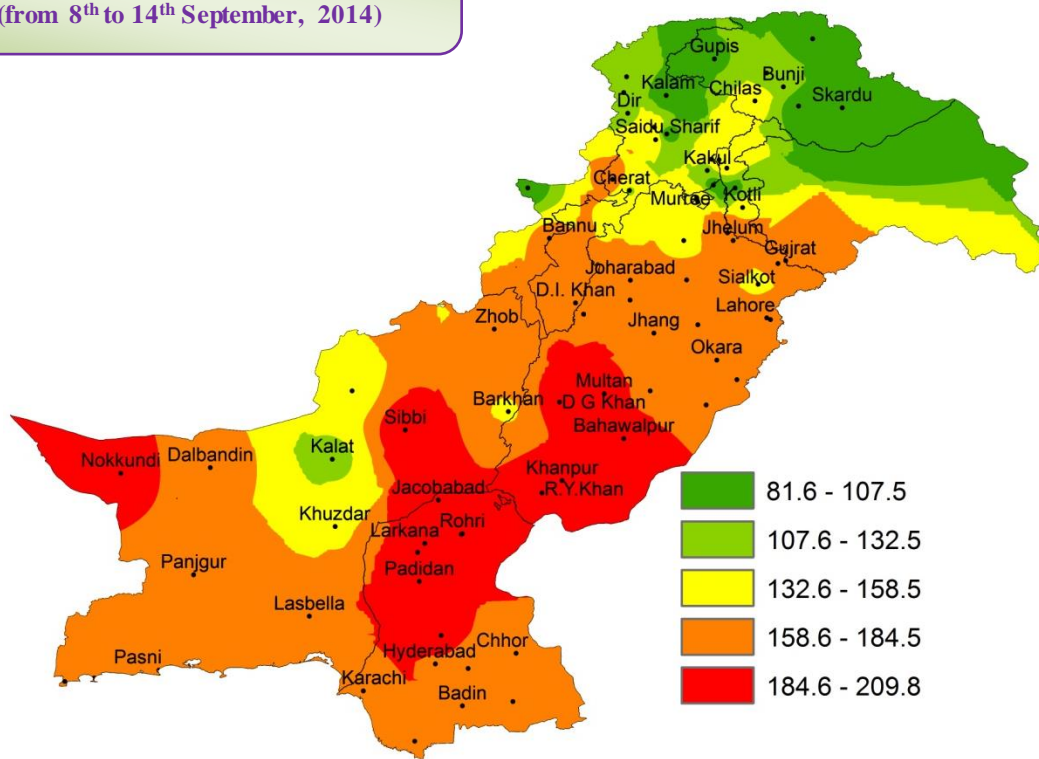
Highest Maximum Temperature (°C) during the Previous week (from 8th to 14th September, 2014)



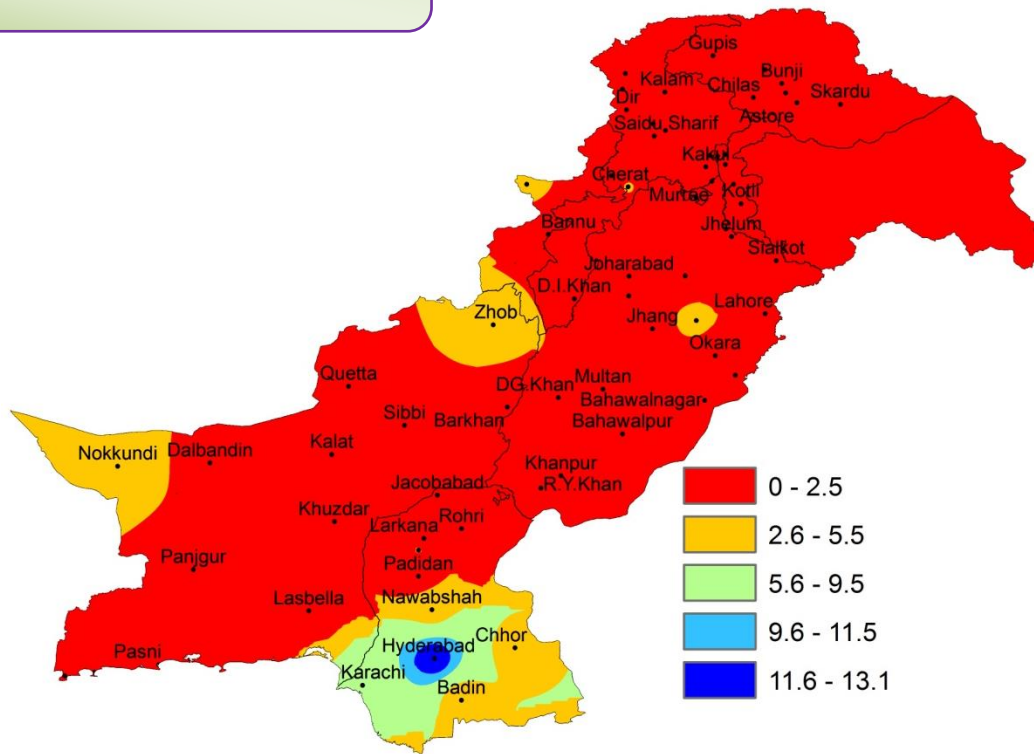
Mean Relative Humidity (%) during the Previous week (from 8th to 14th September, 2014)



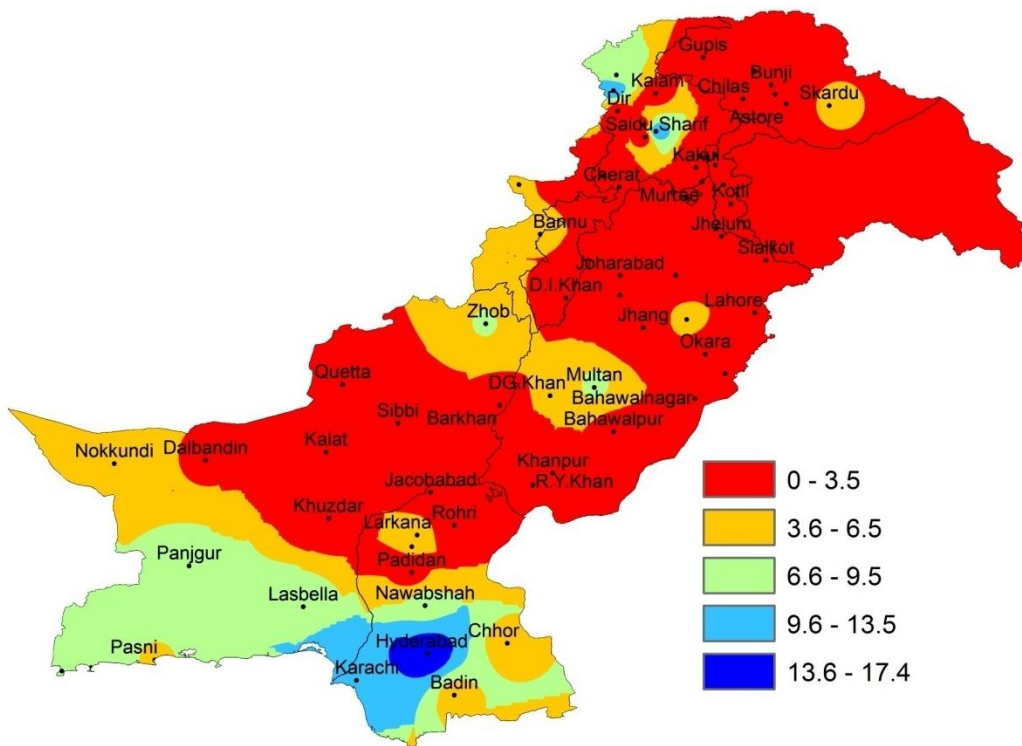
Total Growing Degree Days accumulated during the Previous week (from 8th to 14th September, 2014)



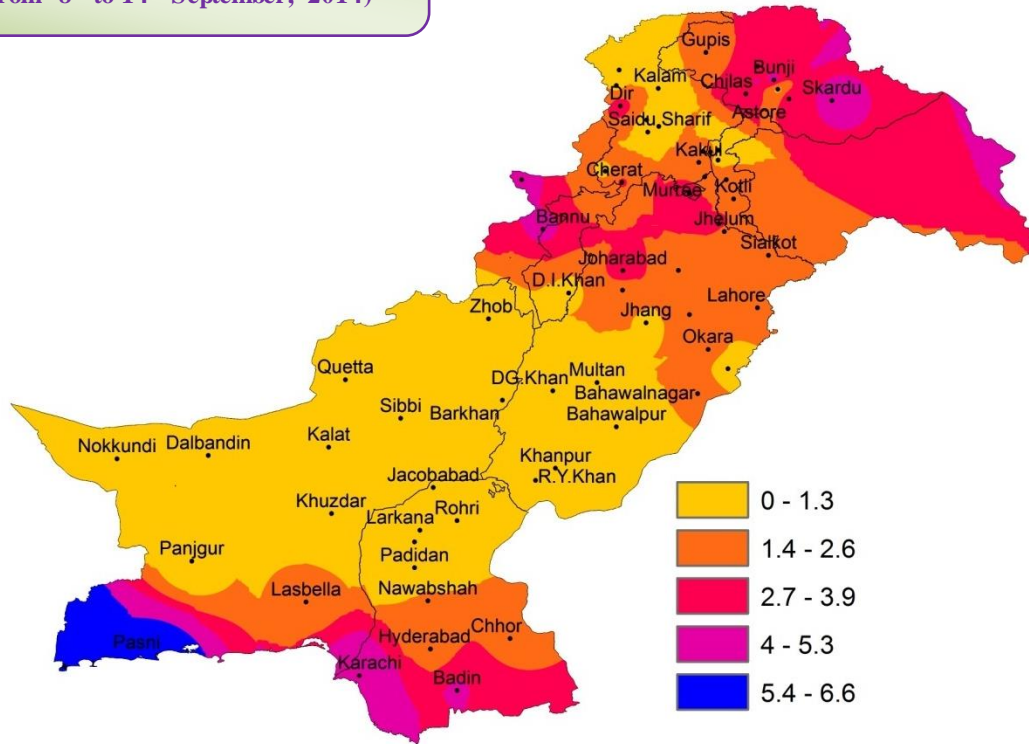
Mean Wind Speed (Knots) at 0800 PST during the Previous week (from 8th to 14th September, 2014)



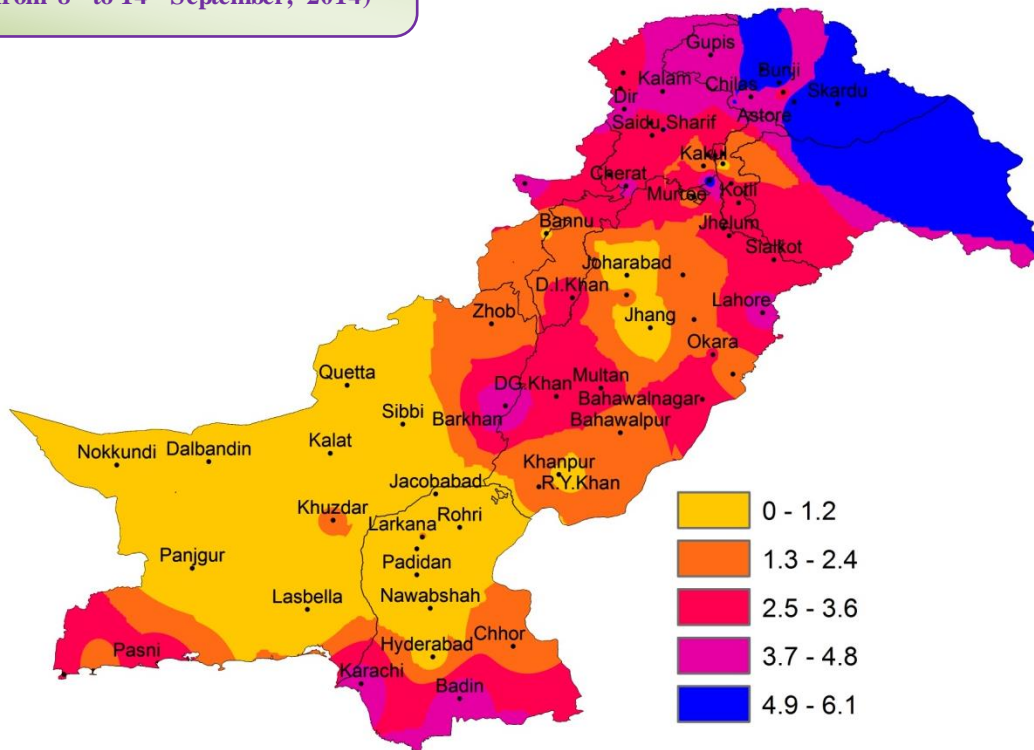
Mean Wind Speed (Knots) at 1700 PST during the Previous week (from 8th to 14th September, 2014)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (from 8th to 14th September, 2014)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (from 8th to 14th September, 2014)



Weekly Weather Advisory for Farmers**(From 15th to 20th September, 2014)**

Seasonal low lies over north Baluchistan and adjoining areas. Weak monsoon currents are penetrating into upper parts of the country. A shallow trough of westerly wave is also prevailing over Kashmir and adjoining areas and likely to move northeastwards during next 24 hours.

**SUNDAY
14-09-2014**

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

**MONDAY
15-09-2014**

Mainly hot and humid weather is expected in most parts of the country. However, rain-thundershowers are expected at isolated places in Lahore, Gujranwala divisions and Kashmir.

**TUESDAY
16-09-2014**

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

**WEDNESDAY
17-09-2014**

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

**THURSDAY
18-09-2014**

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

**FRIDAY
19-09-2014**

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

**SATURDAY
20-09-2014**

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

Advises for Crops

- Pest/viral attacks and more weeds growth are expected after recent 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 after recent torrential rains along with flash flooding in parts of KPK, Punjab and Kashmir. 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 8th to 14th September, 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	22.9	24.3	81.4	58	0.1	3.3	6.0	0.3	2.3
Badin	33.7	36.0	174.6	70	0.0	3.7	4.6	3.7	4.9
Bahawalnagar	35.8	37.7	183.3	69	0.0	1.6	3.6	1.1	1.7
Bahawalpur	37.5	38.0	191.6	65	0.0	0.3	1.3	2.3	1.7
Balakot	31.6	32.5	138.3	71	1.0	1.1	2.4	0.0	0.0
Bannu	35.6	37.5	168.0	58	0.0	3.7	1.1	0.0	4.0
Barkhan	33.3	33.5	156.1	53	0.0	0.1	4.0	0.0	2.0
Bunji	29.2	31.1	125.8	59	0.1	4.1	6.0	0.6	0.3
Cherat	28.3	30.0	130.4	62	20.0	2.7	3.7	2.6	2.6
Chhor	35.8	39.0	178.0	76	0.0	2.4	2.1	4.6	5.1
Chilas	32.9	35.2	151.7	39	3.0	3.4	4.6	0.0	1.4
Chitral	32.4	33.0	126.6	57	0.0	0.6	3.0	0.0	8.0
DG.Khan	38.9	39.5	195.3	64	0.0	1.0	3.3	0.9	3.7
D.I.Khan	37.5	39.0	179.8	68	0.0	1.0	2.9	1.4	1.4
Dalbandin	40.6	42.5	173.0	21	0.0	0.0	0.0	1.4	2.9
Dir	31.2	32.0	123.6	70	5.0	3.1	4.0	0.0	0.6
Drosh	33.5	34.0	132.0	38	0.0	1.1	3.6	0.0	12.7
Faisalabad	34.2	36.3	180.8	68	5.4	2.6	1.1	1.0	0.8
Garidopatta	33.8	34.5	148.9	66	30.0	1.1	0.6	0.0	0.6
Gawader	32.8	33.0	164.9	72	0.0	5.7	2.0	0.0	8.4
Gilgit	29.6	31.0	117.3	60	0.3	3.4	5.3	0.6	2.3
Gupis	26.1	27.5	101.5	46	0.0	1.6	4.0	1.4	2.9
Hyderabad	36.8	37.5	183.0	64	0.0	2.1	0.9	13.1	17.4
Islamabad	32.3	33.5	154.3	74	52.0	2.9	2.0	1.1	0.6
Jacobabad	38.5	39.0	194.5	66	0.0	0.3	0.7	0.6	2.0
Jhang	35.7	37.4	176.1	68	2.0	1.0	0.4	1.7	0.6
Jhelum	34.6	36.0	171.3	73	17.1	2.4	2.4	0.6	1.4
Jiwani	31.3	31.5	160.7	75	0.0	6.4	3.0	1.1	7.4
Joharabad	34.9	37.0	170.6	75	33.0	3.0	0.3	1.1	2.0
Kakul	28.8	30.0	123.9	72	10.0	2.3	1.4	0.0	1.7
Kalam	24.9	26.0	87.2	61	0.0	1.0	4.7	0.0	1.4
Kalat	30.2	31.0	122.6	23	0.0	0.0	0.0	0.0	0.3
Karachi	33.5	35.5	177.2	67	0.0	5.0	4.0	6.6	11.4
Khanpur	38.5	39.5	193.9	64	0.0	0.1	1.1	0.0	1.7

Khuzdar	31.5	32.0	153.5	19	0.0	0.0	1.3	0.0	1.1
Kotli	32.4	33.9	152.1	72	50.1	2.1	3.3	0.4	1.1
Lahore	33.1	34.5	170.4	75	14.0	1.4	3.9	1.7	1.4
Larkana	39.5	40.0	194.3	63	0.0	0.3	1.3	1.7	4.3
Lasbella	38.2	40.0	182.3	61	0.0	2.0	0.0	0.9	9.1
Lower Dir	35.6	36.5	162.3	59	0.0	1.3	3.1	1.7	2.0
Malam Jabba	20.3	21.0	84.3	73	34.0	1.1	3.7	0.0	13.9
Mandibahudin	34.3	36.0	169.7	72	43.1	2.3	1.7	0.3	0.6
Mangla	34.6	35.5	169.2	73	27.1	2.9	2.6	0.0	1.3
Mir Khani	32.5	33.0	***	44	0.0	0.9	2.1	0.0	3.7
Moinjodaro	39.8	40.0	189.9	58	0.0	0.0	0.0	2.6	3.7
Multan	36.8	37.8	191.2	64	0.1	0.4	3.0	2.0	7.1
Murree	22.8	24.3	90.2	79	32.0	2.4	5.4	1.4	0.9
Muzaffarabad	34.5	35.8	153.0	62	15.0	2.1	2.9	0.0	0.3
Nokkundi	40.0	41.0	193.3	12	0.0	0.0	0.0	4.9	5.4
Noorpurthal	37.3	40.0	181.7	68	17.0	2.3	1.4	1.4	0.6
Okara	34.3	37.0	171.0	75	21.0	1.4	2.4	0.0	1.1
Padidan	38.3	40.0	190.2	69	0.0	0.7	0.0	1.1	2.0
Panjugur	37.3	38.0	172.4	28	0.0	0.0	0.0	0.0	8.3
Parachinar	27.6	28.7	88.3	70	37.0	3.9	4.3	3.3	3.6
Pasni	32.2	33.0	160.8	76	0.0	6.6	2.9	0.6	6.3
Peshawar	36.4	37.6	175.5	60	0.1	1.1	3.0	1.7	1.4
Quetta	31.6	32.0	136.1	29	0.0	0.0	2.6	2.9	3.0
R.Y.Khan	40.5	41.0	201.7	60	0.0	0.1	1.3	1.7	2.9
Rawalakot	25.1	26.7	97.3	86	27.0	2.0	2.4	0.0	0.3
Rohri	39.7	41.0	206.6	54	0.0	0.0	0.6	1.1	2.0
Rawalpindi	32.7	34.5	150.9	75	61.0	2.9	2.1	0.6	0.3
Sahiwal	35.4	37.5	174.5	72	0.0	1.1	1.7	0.9	1.7
Saidu Sharif	32.3	33.0	146.3	67	18.0	0.9	2.4	0.0	1.1
Sialkot	33.6	36.0	164.0	78	18.1	1.7	3.1	0.3	0.3
Sibbi	41.1	42.0	209.8	58	0.0	0.6	0.0	0.0	0.0
Skardu	25.8	27.7	95.7	57	0.2	4.1	5.9	0.0	3.7
Tandojam	37.1	38.0	180.8	69	0.0	2.0	1.4	1.6	2.2
Usta.M	38.4	39.0	196.6	57	0.0	0.0	0.0	1.1	2.3
Zhob	34.1	35.0	159.0	48	22.0	0.3	1.4	5.0	6.7

*** Shows that data was not available.