

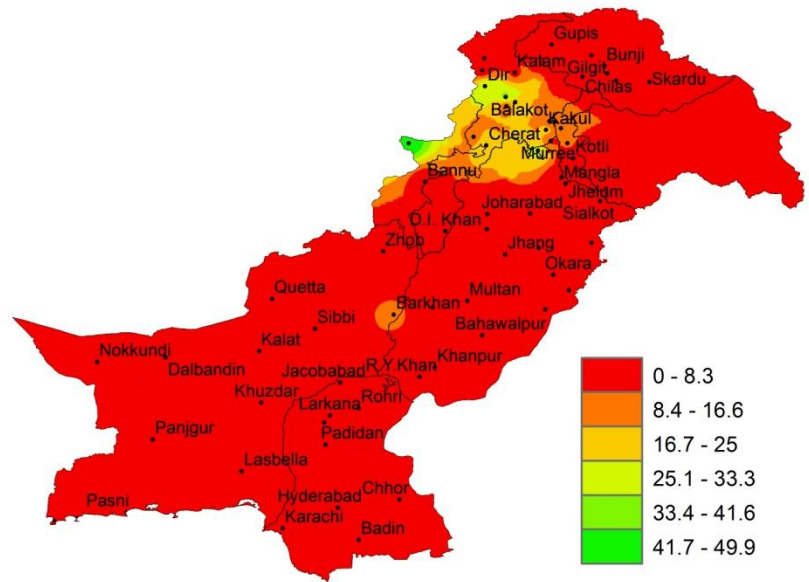
Weekly Weather and Crop Bulletin for Pakistan

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**Rainfall Distribution (mm) during the Previous
Week (From 22nd to 28th September, 2014)**



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Highlights of Past Weather (From 22nd to 28th 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 Khyber Pakhtunkhwa & Gilgit Baltistan regions.
- Light to moderate rainfall reported at few places in Punjab.
- Light rainfall reported at isolated place in Balochistan.
- Dry weather was reported in Sindh.

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

Past Weather of Provinces (From 22nd to 28th September, 2014)

Punjab

Light to moderate rainfall reported at few places in Punjab during the week. Weekly maximum and minimum temperatures recorded 35.2°C & 23.1°C respectively. For the present season average 168.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 66% and wind speed in the morning/evening recorded 1.4/2.5 Knots. During the previous week highest amount of rainfall reported at Islamabad 38.0mm and highest maximum temperature was recorded 40.5°C at Noorpur Thal.

Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 36.4°C & 23.7°C respectively. For the present season average 174.8 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 41.1°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 31.2°C & 17.2°C respectively. For the present season average 131.6 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 Parachinar 50.0mm and highest maximum temperature recorded 39.0°C at D.I.Khan.

Balochistan

Light rainfall reported at isolated place in Balochistan during the week. Weekly maximum and minimum temperatures recorded 34.8°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 amount of rainfall reported at Barkhan 10.0mm and 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 29.5°C & 14.1°C respectively. For the present season average 118.7 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 Garhi Dopatta 10.0mm and highest maximum temperature recorded 36.5°C at Chilas.

**Past Weather for Major Agricultural Plains
(From 22nd to 28th September, 2014)****Rawalpindi (Potohar region)**

Rainfall reported as 22.1mm during the week; however cloudiness in the morning/evening recorded 1.3/1.6 Oktas while, average relative humidity observed 73%. Mean day time temperature recorded 33.5°C & for the present season 148.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.4 Knots.

Faisalabad (Central Punjab)

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 54%. Mean day time temperature recorded 36.3°C & for the present season 182.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.0/0.7 Knots.

Quetta (Northern Balochistan)

Rainfall reported as 1.0mm during the week; however cloudiness in the morning/evening recorded 0.0/1.6 Oktas while, average relative humidity observed 25%. Mean day time temperature recorded 31.6°C & for the present season 125.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.5/2.8 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 66%. Mean day time temperature recorded 35.9°C & for the present season 183.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.0/0.7 Knots.

Tandojam (Lower Singh)

Dry weather was reported during the week; however, average relative humidity observed as 69%. Mean day time temperature recorded 35.6°C & for the present season 175.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 2.0/1.8 Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 22nd to 28th September, 2014)****Rohri**

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 38.1°C & for the present season 187.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.4/2.3 Knots.

Multan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.9 Oktas while, average relative humidity observed as 60%. Mean day time temperature recorded 36.0°C & for the present season 180.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.2/9.1 Knots.

Lahore

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.2/2.3 Oktas while, average relative humidity observed as 62%. Mean day time temperature recorded 34.9°C & for the present season 178.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.3 Knots.

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 157.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.0/6.1Knots.

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 37.5°C & for the present season 177.0 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 14.1mm 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 35.1°C & for the present season 168.4 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 7.0mm 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 22.9°C & for the present season 90.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.8/1.1 Knots.

Kalam

Rainfall reported as 6.1mm 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 24.2°C & for the present season 83.2 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 1.1mm 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 31.0°C & for the present season 113.8 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 2.1mm 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 24.8°C & for the present season 78.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 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 in the fields of RAMC Rawalpindi.

Maize: Good condition at *Testing stage*.

Central Punjab (Faisalabad)

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

Cotton: Normal condition at *Irrigated 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)

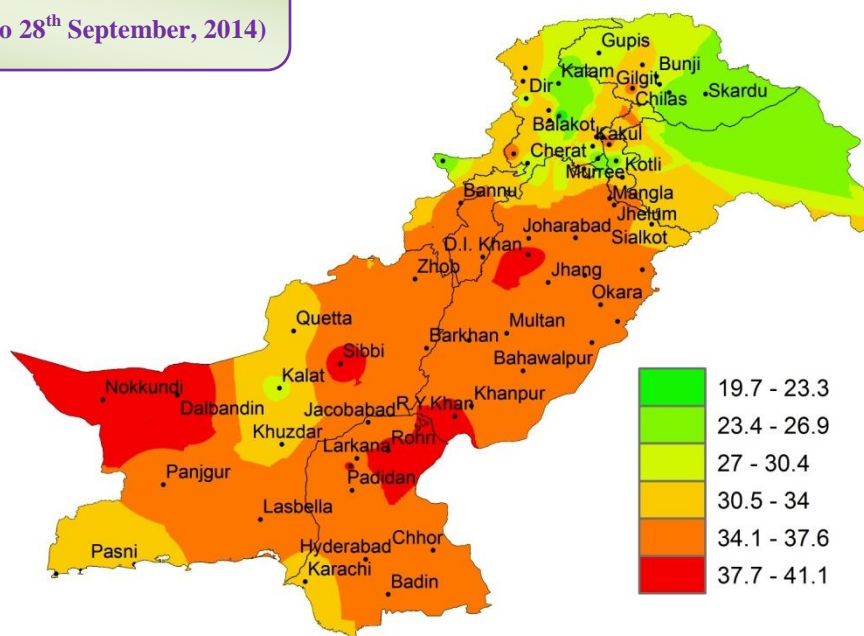
There is presently no crop in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

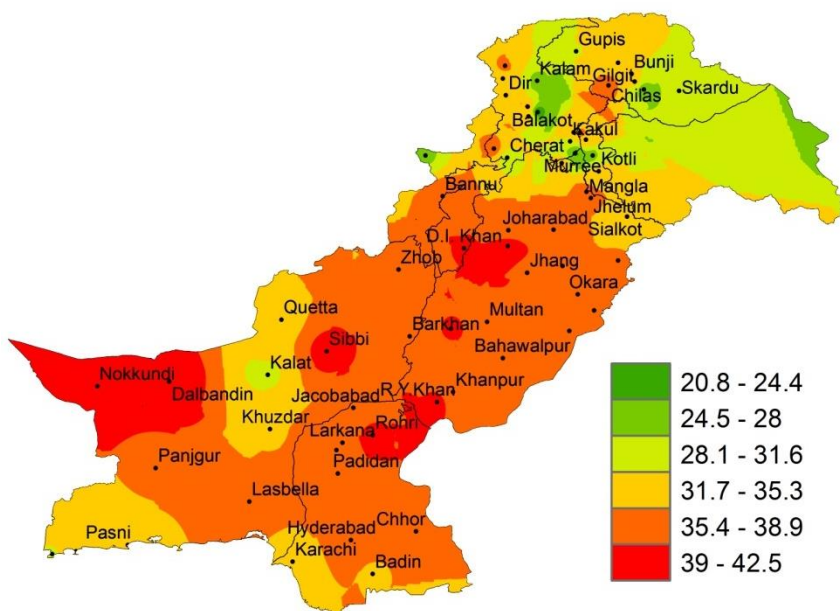
There is presently one crop grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *Flowering stage*.

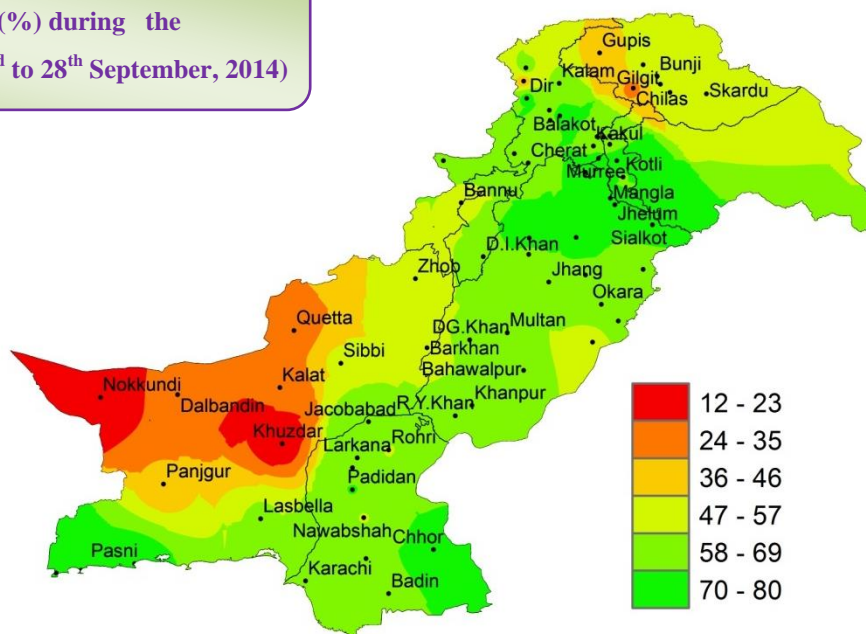
Mean Maximum Temperature (°C) during the
Previous week (From 22nd to 28th September, 2014)



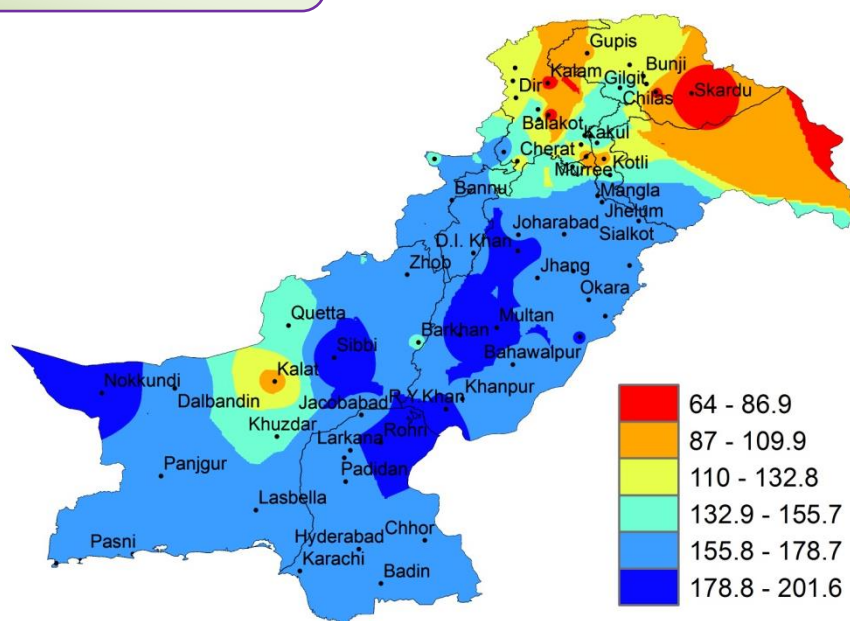
Highest Maximum Temperature (°C) during the
Previous week (From 22nd to 28th September, 2014)



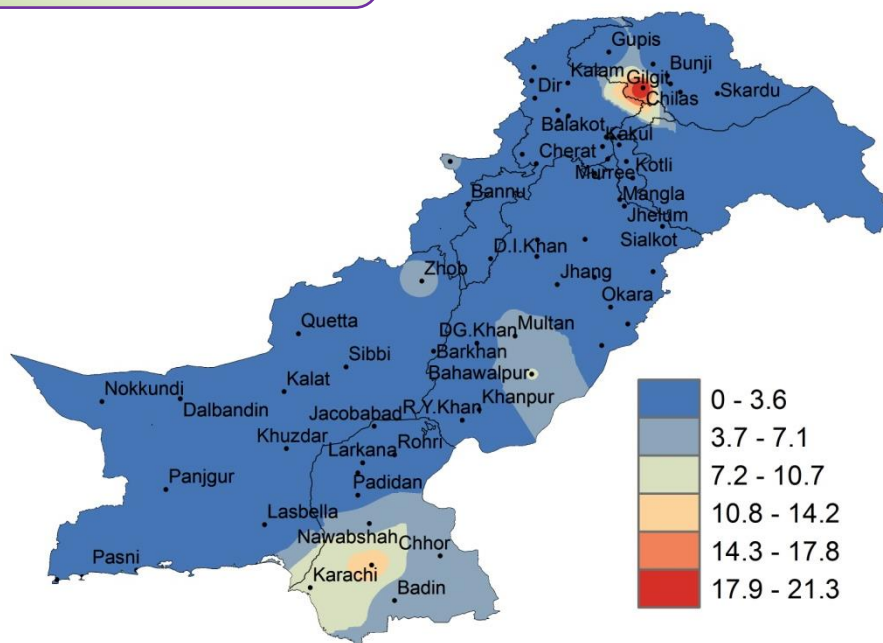
Mean Relative Humidity (%) during the
Previous week (From 22nd to 28th September, 2014)



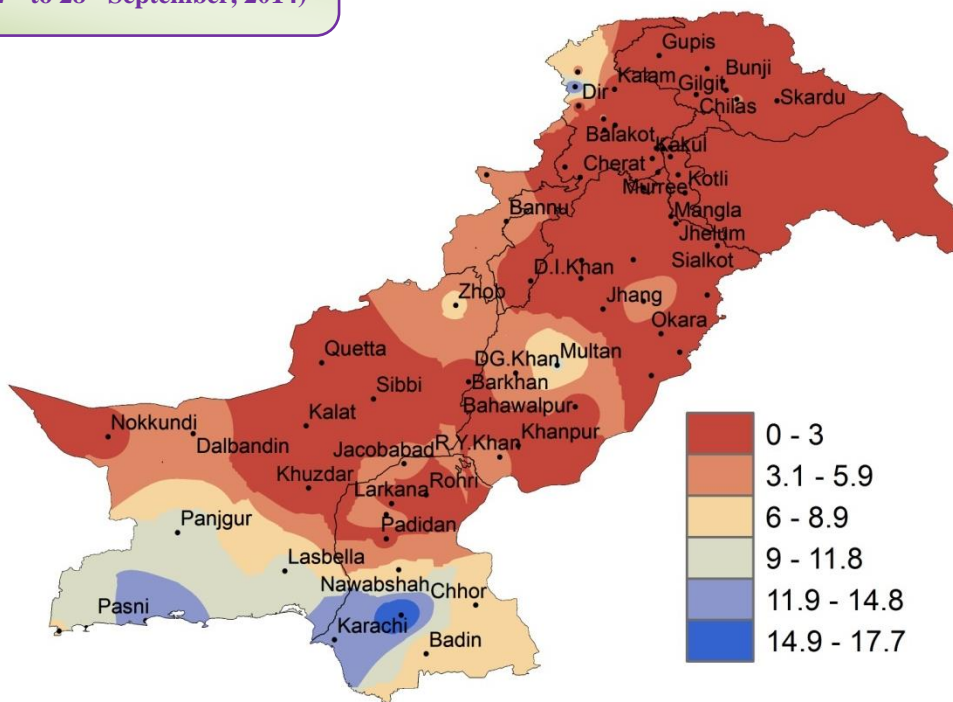
Total Growing Degree Days accumulated during the
Previous week From 22nd to 28th September, 2014)



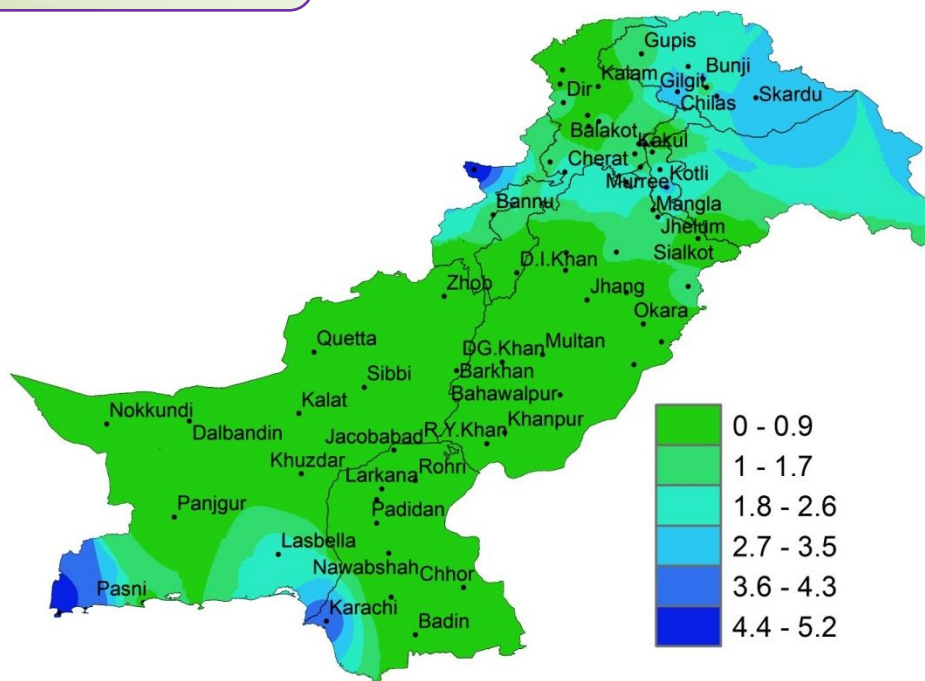
Mean Wind Speed (Knots) at 0800 PST during the
Previous week (From 22nd to 28th September, 2014)



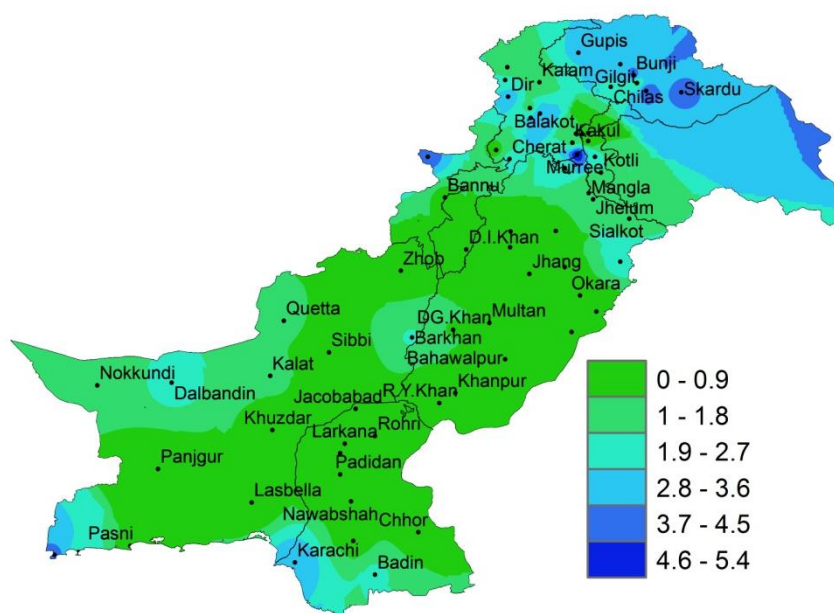
Mean Wind Speed (Knots) at 1700 PST during the
Previous week (From 22nd to 28th September, 2014)



Mean Cloudiness (Oktas) at 0800PST during the
Previous week (From 22nd to 28th September, 2014)



Mean Cloudiness (Oktas) at 1700PST during the
Previous week (From 22nd to 28th September, 2014)



Weekly Weather Advisory for Farmers
(From 29th September to 5th October, 2014)

Seasonal low lies over northwest Baluchistan and adjoining areas. A shallow trough of westerly wave is prevailing over Kashmir and adjoining areas.

MONDAY

29-09-2014

Mainly hot and dry weather is expected in most parts of the country; however, rain-thunderstorm (associated with windstorm) is expected at isolated places in Hazara, Rawalpindi divisions, Islamabad and Kashmir.

TUESDAY

30-09-2014

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

WEDNESDAY

01-10-2014

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

THURSDAY

02-10-2014

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

FRIDAY

03-10-2014

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

SATURDAY

04-10-2014

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

SUNDAY

05-10-2014

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 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 22nd to 28th 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	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	37.5	39	177.0	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	36.3	37	182.6	54	0.0	0.0	0.0	1.0	0.7
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	31.0	33	113.8	55	1.1	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	24.2	27	83.2	60	6.1	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	0.0	1.2	2.3	0.0	2.3
Larkana	37.4	38	178.8	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
Malam Jabba	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	36.0	38.2	180.5	60	0.0	0.0	0.9	5.2	9.1
Murree	22.9	23.8	90.9	71	7.0	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	35.1	37	168.4	63	14.1	1.4	0.6	0.8	1.6
Quetta	31.6	32	125.2	25	1.0	0.0	1.6	1.5	2.8
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	38.1	39.5	187.5	57	0.0	0.0	0.0	2.4	2.3
Rawalpindi	33.5	35	148.0	73	22.1	1.3	1.6	0.9	1.4
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	24.8	28.6	78.7	55	2.1	3.2	3.7	0.0	0.6
Tandojam	35.6	36.5	175.8	69	0.0	0.0	0.0	2.0	1.8
U.Muhammad	35.9	37	183.6	66	0.0	0.0	0.0	1.7	1.4
Zhob	34.1	35.5	157.5	50	0.0	0.4	0.3	4.0	6.1

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