

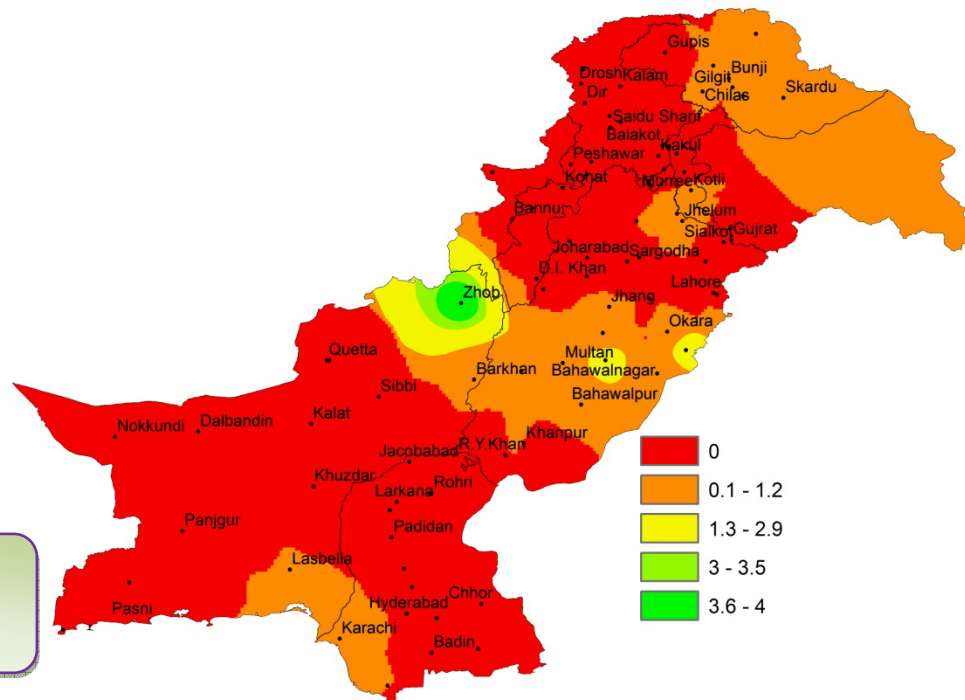
Weekly Weather and Crop Bulletin for Pakistan

**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 9th to 15th June, 2014)**



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

Highlights of Past Weather (From 9th to 15th June, 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 isolated places in Punjab & Gilgit Baltistan regions.
- Dry weather was reported in Khyber Pakhtunkhwa.
- Light rainfall reported at single place in Balochistan (Zhob 4.0mm) and Sindh (Karachi 0.2mm).

Past Weather of Provinces (From 9th to 15th June, 2014)

Punjab

Light rainfall reported at isolated places in Punjab during the week. Weekly maximum and minimum temperatures recorded 43.0°C & 27.0°C respectively. For the present season average 208.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 38% and wind speed in the morning/evening recorded 3.8/4.5 Knots. During the previous week highest amount of rainfall reported at Sahiwal 2.0 mm and highest maximum temperature was recorded 48.5°C at Bhakker.

Sindh

Light rainfall was reported in Karachi 0.2mm during the week. Weekly maximum and minimum temperatures recorded 42.0°C & 28.3°C respectively. For the present season average 213.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 50% and wind speed in the morning/evening recorded 5.3/8.0 Knots. During the previous week highest maximum temperature was recorded 49.5°C at Jacobabad.

Khyber Pakhtunkhwa

Dry weather was reported in Khyber Pakhtunkhwa during the week. Weekly maximum and minimum temperatures recorded 38.0°C & 20.5°C respectively. For the present season average 168.9 growing degree days accumulated by the end of last week. Average relative humidity recorded 32% and wind speed in the morning/evening recorded 1.2/2.6 Knots and highest maximum temperature recorded 46.0°C at Bannu.

Balochistan

Light rainfall was reported in Zhob 4.0mm at single place during the week. Weekly maximum and minimum temperatures recorded 40.2°C & 27.9°C respectively. For the present season average 199.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 36% and wind speed in the morning/evening recorded 1.2/6.0 Knots. During the previous week highest maximum temperature recorded 50.0°C at Turbat.

Gilgit-Baltistan and Azad Jammu & Kashmir

Light rainfall reported at Isolated places in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 33.9°C & 16.0°C respectively. For the present season average 139.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 37% and wind speed in the morning/evening recorded 0.7/2.4 Knots. During the previous week highest amount of rainfall reported at Skardu 1.1mm and highest maximum temperature recorded 43.3°C at Muzaffarabad.

**Past Weather for Major Agricultural Plains
(From 9th to 15th June, 2014)****Rawalpindi (Potohar region)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/0.0 Oktas while, average relative humidity observed 29%. Mean day time temperature recorded 42.1°C & for the present season 192.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.9/1.9 Knots.

Faisalabad (Central Punjab)

Rainfall reported as Trace (Non-measurable) during the week; however cloudiness in the morning/evening recorded 0.9/2.9 Oktas while average relative humidity observed as 33%. Mean day time temperature recorded 41.0°C & for the present season 209.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/0.9 Knots.

Quetta (Northern Balochistan)

Dry weather was reported during the week ; however cloudiness in the morning/evening recorded 0.0/0.4Oktas while, average relative humidity observed as 20%. Mean day time temperature recorded 35.7°C for the present season 151.8growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.3/2.9 Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.7/1.1 Oktas while, average relative humidity observed as 38%. Mean day time temperature recorded 48.1°C & for the present season 239.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.2/0.2 Knots.

Tandojam (Lower Singh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 3.2/2.9 Oktas while average relative humidity observed as 66%. Mean day time temperature recorded 38.9°C & for the present season 196.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 3.2/2.9 Knots.

**Past Weather for Sub-Regional Agricultural
Plains (From 9th to 15th June, 2014)****Rohri**

Dry weather was reported during the week; however while, average relative humidity observed as 45%. Mean day time temperature recorded 43.5°C & for the present season 230.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 3.0/3.4 Knots.

Multan

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 0.0/0.6Oktas while, average relative humidity observed as 40%. Mean day time temperature recorded 42.5°C & for the present season 222.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 12.0/10.0 Knots.

Lahore

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.1/0.9 Oktas while, average relative humidity observed as 35%. Mean day time temperature recorded 42.8°C & for the present season 213.7 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 2.9/6.0 Knots.

Zhob

Rainfall reported as 4.0mm during the week; however while, average relative humidity observed as 21%. Mean day time temperature recorded 38.3°C & for the present season 184.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.2/7.3 Knots.

D.I. Khan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/0.7 Oktas while, average relative humidity observed as 37%. Mean day time temperature recorded 44.1°C & for the present season 213.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.4/1.1 Knots.

Peshawar

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/0.1 Oktas while, average relative humidity observed as 33%. Mean day time temperature recorded 43.5°C & for the present season 201.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.9/1.7 Knots.

Murree

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/1.7 Oktas while, average relative humidity observed as 33%. Mean day time temperature recorded 29.1°C & for the present season 133.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/2.0 Knots.

Kalam

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/3.0 Oktas while, average relative humidity observed as 26%. Mean day time temperature recorded 29.0°C & for the present season 102.8 growing degree days accumulated by

the end of last week. Wind speed recorded in the morning/evening as 0.0/1.1 Knots.

Gilgit

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/4.3 Oktas while, average relative humidity observed as 41%. Mean day time temperature recorded 35.8°C & for the present season 134.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening 0.0/6.0 Knots.

Skardu

Rainfall reported as 1.1mm during the week; however cloudiness in the morning/evening recorded 0.7/4.0 Oktas while, average relative humidity observed as 27%. Mean day time temperature recorded 29.2°C & for the present season 101.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/3.4 Knots.

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 RMC Faisalabad.

Cotton: Normal condition at *flowering stage*.

Lower Sindh (Tandojam)

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

Cotton: Good condition at *budding stage*.

Northern Balochistan (Quetta)

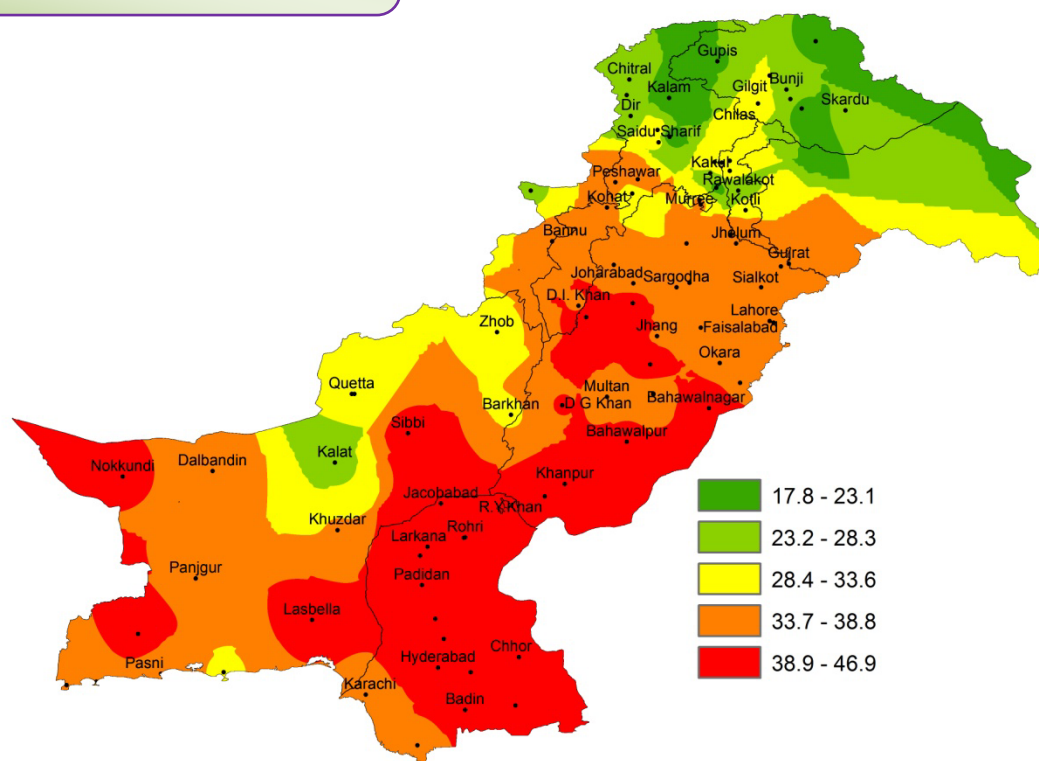
There is presently no crop in the fields of RAMC Quetta.

Eastern Balochistan (Usta Muhammad)

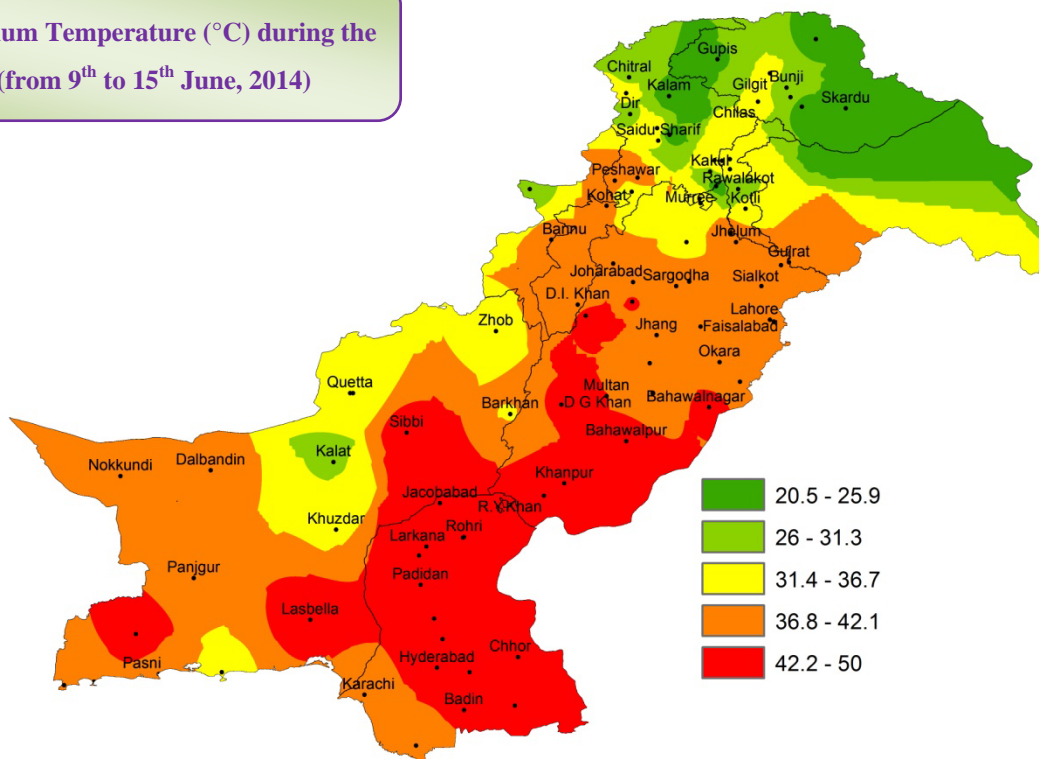
There is presently one crop grown in the fields of RAMC Usta Muhammad.

Rice: Good condition at *Emergence stage*.

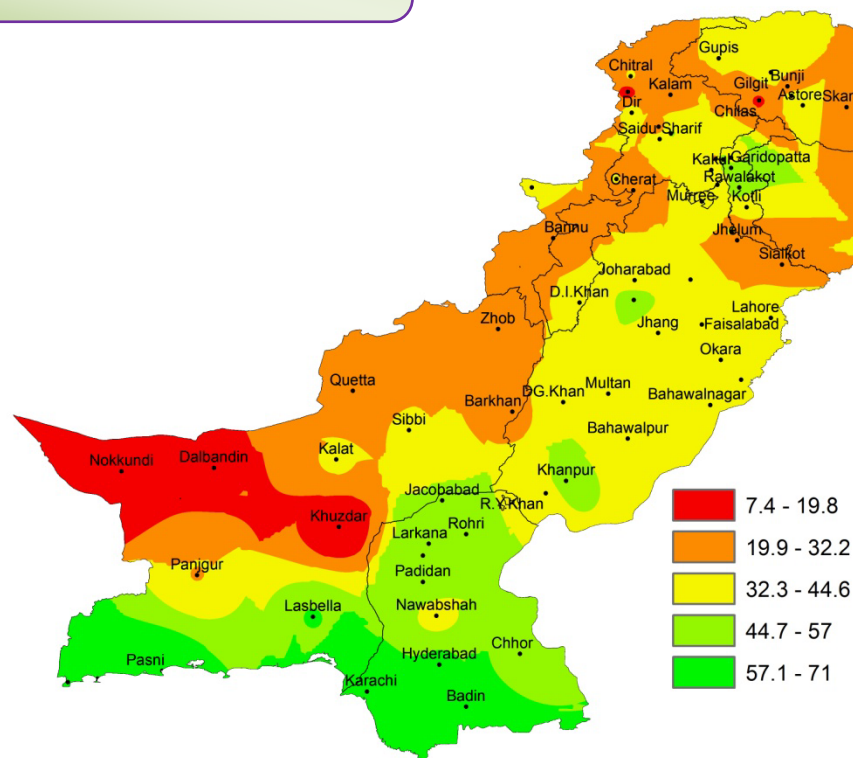
Mean Maximum Temperature (°C) during the
Previous week (from 9th to 15th June, 2014)



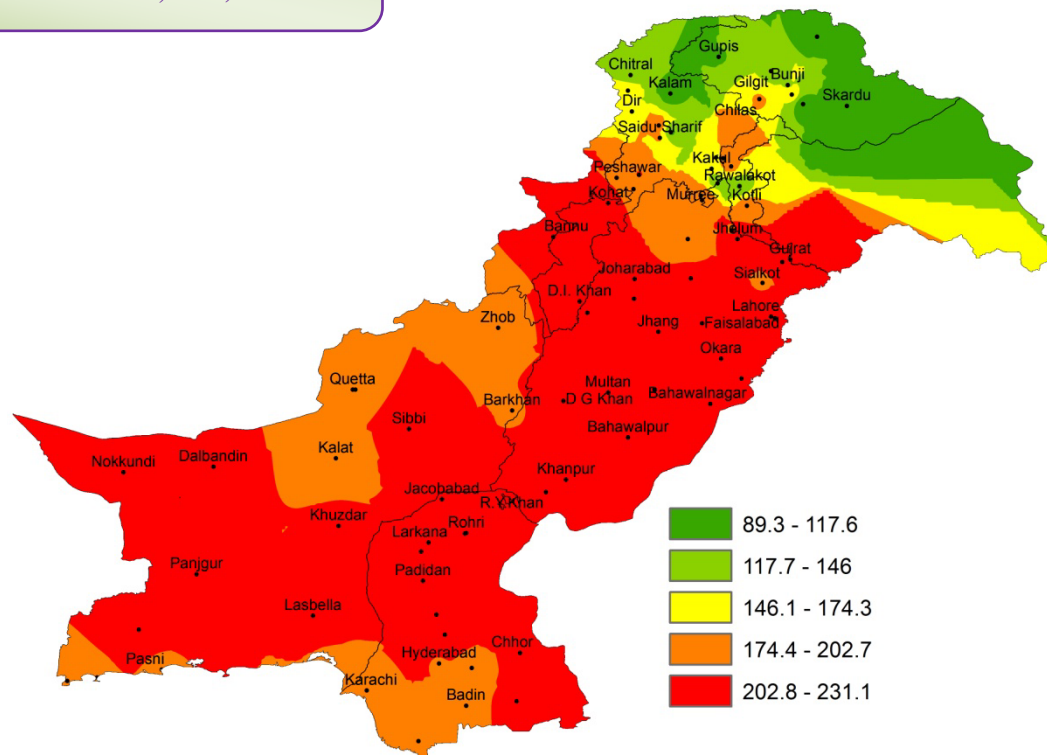
Highest Maximum Temperature (°C) during the
Previous week (from 9th to 15th June, 2014)



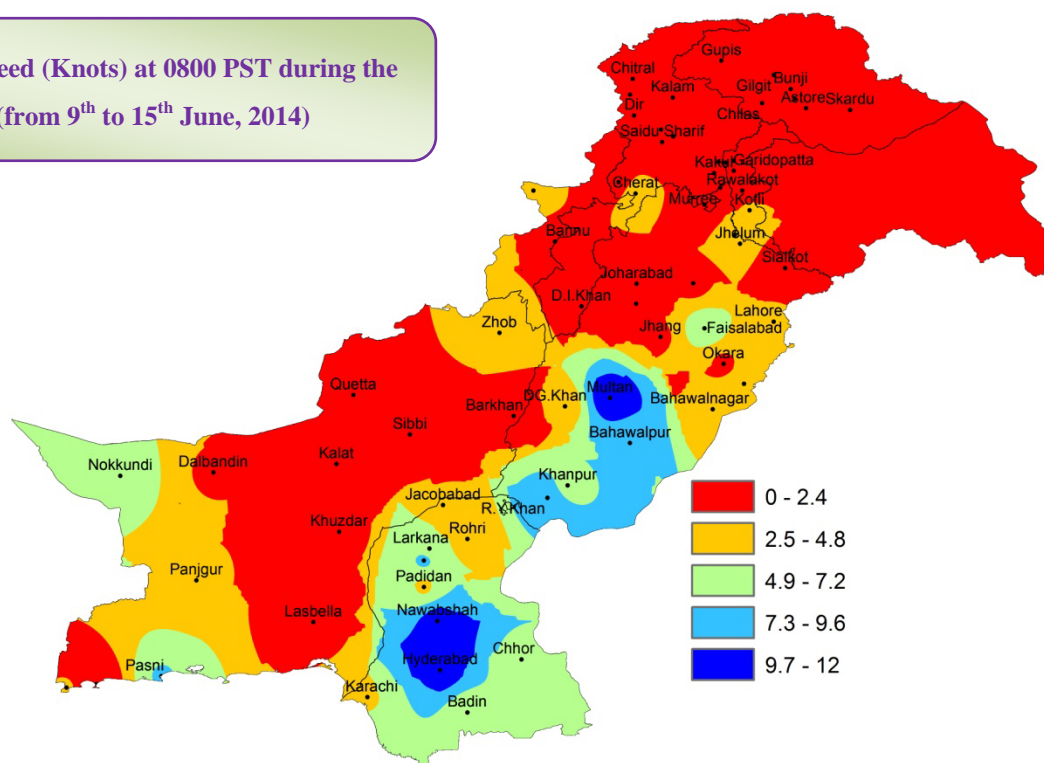
Mean Relative Humidity (%) during the
Previous week (from 9th to 15th June, 2014)



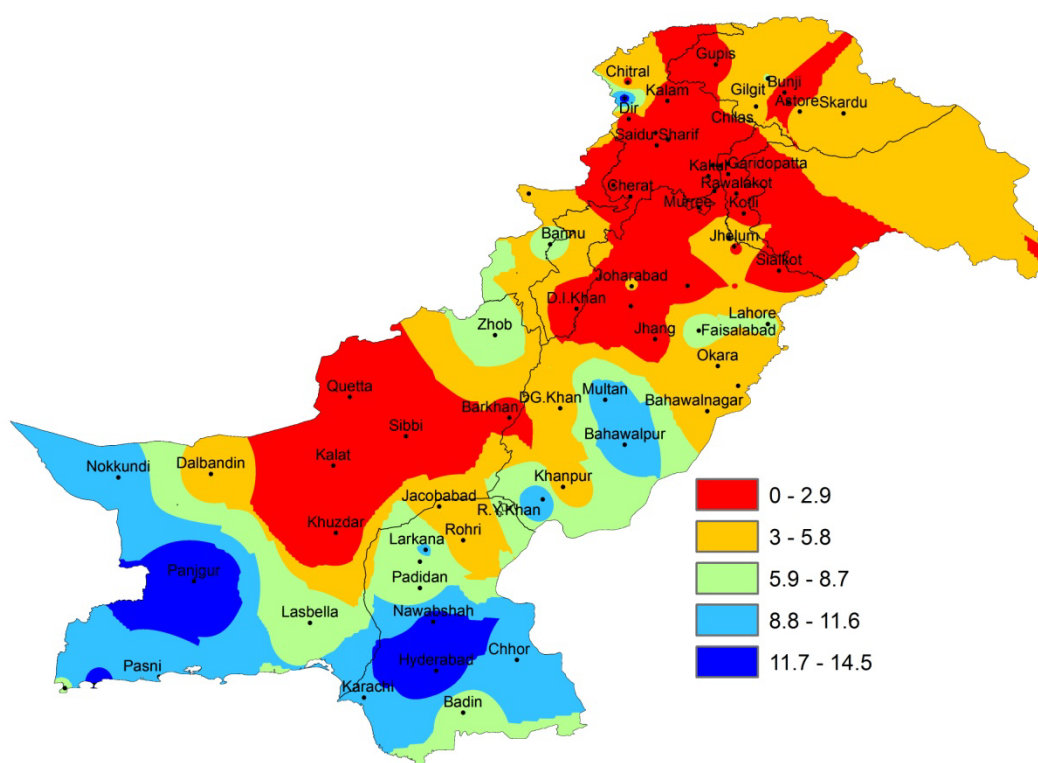
Total Growing Degree Days accumulated during the
Previous week (from 9th to 15th June, 2014)



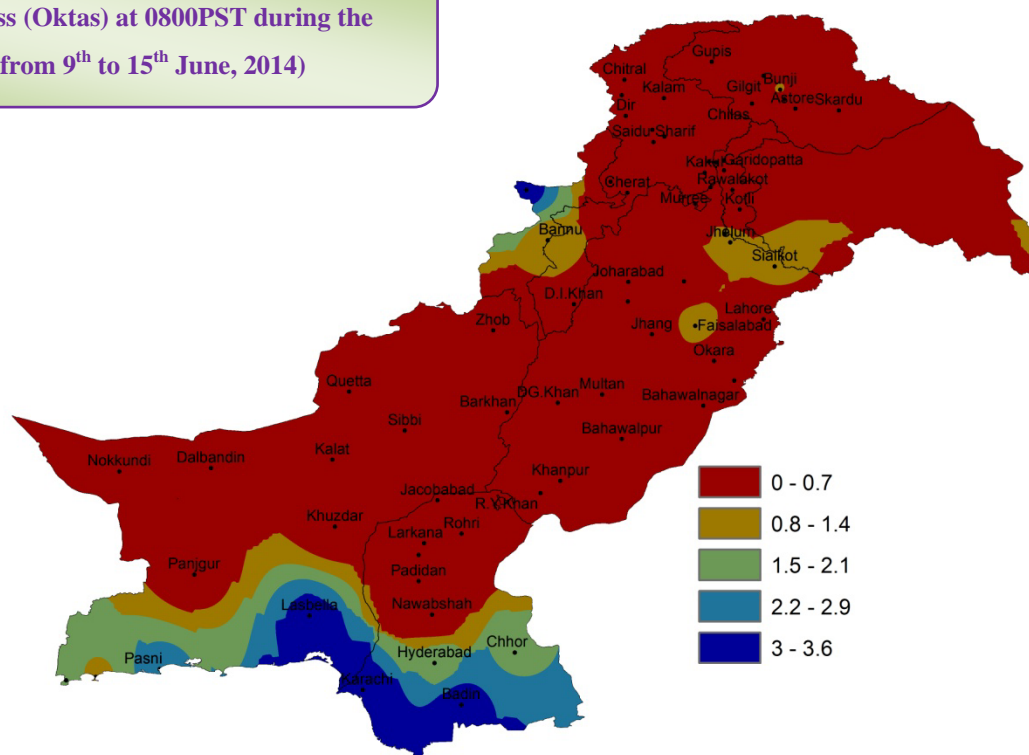
Mean Wind Speed (Knots) at 0800 PST during the
Previous week (from 9th to 15th June, 2014)



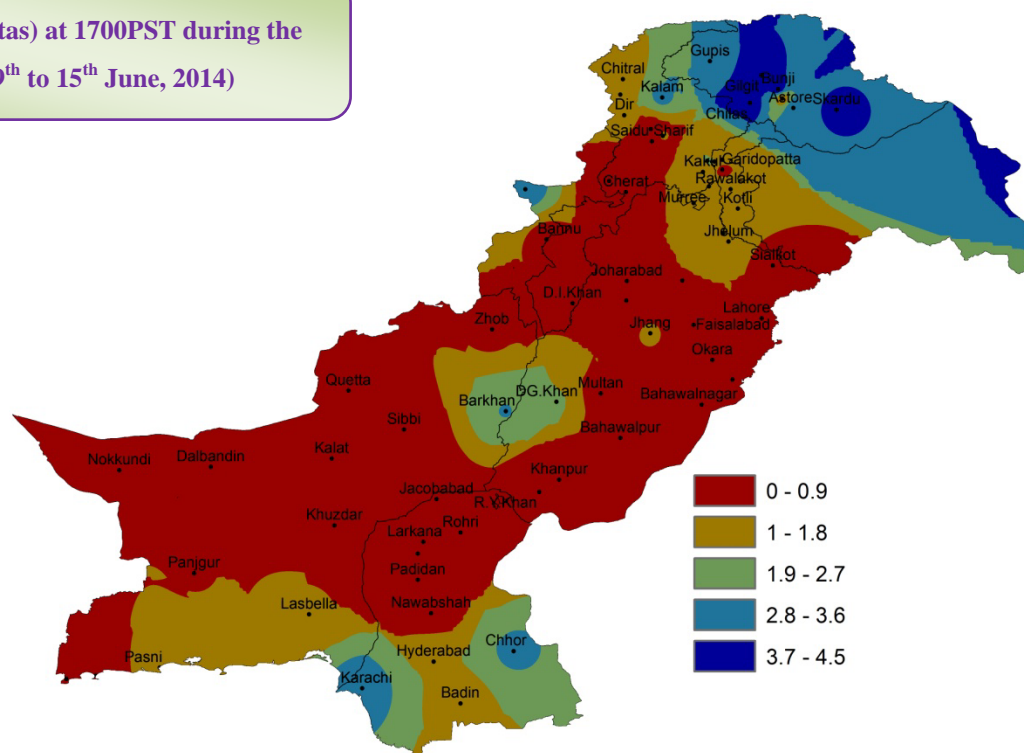
Mean Wind Speed (Knots) at 1700 PST during the
Previous week (from 9th to 15th June, 2014)



Mean Cloudiness (Oktas) at 0800PST during the
Previous week (from 9th to 15th June, 2014)



Mean Cloudiness (Oktas) at 1700PST during the
Previous week (from 9th to 15th June, 2014)



Weekly Weather Advisory for Farmers **(From 16th to 22nd June, 2014)**

Seasonal low lies over Balochistan and adjoining area. Moist currents from Arabian Sea would continue to penetrate into upper parts of the country till Wednesday and again during the weekend. A shallow westerly trough is expected to approach upper parts of the country today (evening/night) and likely to persist till Wednesday. Another fresh western disturbance is expected to approach western parts of the country during the weekend.

Punjab including Islamabad

Pre-monsoon rain-thundershower associated with gusty winds is expected at isolated places in Islamabad, upper Punjab (Rawalpindi, Gujranwala and Sargodha divisions) from today (evening/night) to Wednesday and again during the weekend. Dust-storm is also expected at isolated places in central parts of the province during Tuesday/Wednesday and again during the weekend. Mainly hot and dry weather is expected in other parts of the province during rest of the week. Severe heat wave conditions are expected to subside in most parts of the province from Wednesday.

Khyber Pakhtunkhwa

Pre-monsoon rain-thundershower associated with gusty winds is expected at isolated places in Malakand, Hazara, Kohat and Peshawar divisions from today (evening/night) to Wednesday. Scattered dust-storm with isolated rain-thundershower is also expected in the province during the weekend. Mainly hot and dry weather is expected in other parts of the province during rest of the week. Severe heat wave conditions are expected to subside in most parts of the province from Wednesday.

Balochistan

Very hot and dry weather is expected in most parts of the province during the week, however, dust-storm with rain-thundershower is expected at isolated places in north Baluchistan during the weekend. Severe heat wave conditions are likely to continue in most parts of the province especially in central/southern parts during the week.

Sindh

Very hot and dry weather is expected in most parts of the province during the week. However, severe heat wave conditions are likely to continue in most parts of the province during the week.

Kashmir

Pre-monsoon rain-thundershower associated with gusty winds is expected at isolated places in Kashmir during next 3 days and again during the weekend. Heat wave conditions are expected to subside in Kashmir from Tuesday.

Gilgit-Baltistan

Partly cloudy weather conditions with occasional rain-thunderstorm are expected in isolated places in Gilgit-Baltistan during the week. Heat wave conditions are expected to subside in most parts of Gilgit-Baltistan from Tuesday.

Advises for Crops

- Farmers are advised to irrigate the standing crops keeping expected weather in mind especially Rainfed areas in the upper half of the country.
- Weeds growth in sugarcane crop should be controlled during the coming rains.

General Information Farmers of rained areas, obtaining crop water through tube wells are advised to schedule the irrigation according to the expected weather mentioned above during the week.

National Weather Data of Selected Cities**(Weekly Data From 9th to 15th June, 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	25.3	31.2	88.3	34	0.0	0.1	3.6	2.0	4.3
Badin	38.6	39.5	199.1	59	0.0	3.3	1.3	5.7	6.3
Bahawalnagar	44.3	47.5	227.6	33	0.0	0.0	0.0	2.9	4.9
Bahawalpur	42.1	44.5	216.2	42	0.0	0.0	0.0	8.3	9.7
Balakot	36.9	39.0	167.9	29	0.0	0.0	1.9	0.3	0.6
Bannu	43.9	46.0	207.7	22	0.0	1.0	0.4	1.7	6.3
Barkhan	39.6	40.5	199.8	27	0.0	0.0	2.7	0.0	2.3
Bunji	33.9	40.0	142.4	26	0.2	0.9	4.6	0.6	1.4
Cherat	35.3	38.0	173.8	25	0.0	0.4	0.0	4.0	2.9
Chhor	42.1	44.2	209.4	55	0.0	2.0	2.9	6.0	10.3
Chilas	37.1	42.0	177.2	19	0.0	0.4	4.1	0.0	3.7
Chitral	36.2	39.2	138.9	33	0.0	0.0	1.1	1.4	2.3
DG.Khan	44.4	47.1	224.5	44	0.2	0.0	1.9	2.7	4.0
D.I.Khan	44.1	45.5	213.2	37	0.0	0.6	0.7	1.4	1.1
Dalbandin	45.3	47.0	221.3	16	0.0	0.0	0.4	2.0	4.3
Dir	36.1	38.0	146.8	36	0.0	0.3	1.6	0.0	0.9
Drosh	36.8	40.2	153.4	15	0.0	0.0	1.6	2.3	13.0
Faisalabad	42.9	46.0	209.8	33	0.1	0.9	0.9	0.9	2.2
Garidopatta	40.5	43.0	181.8	49	0.0	0.0	0.6	0.0	0.6
Gawader	38.6	49.5	200.3	63	0.0	1.2	0.0	0.0	12.4
Gilgit	35.8	41.5	134.9	41	0.0	0.4	4.3	0.0	6.0
Gupis	29.6	35.0	115.8	33	0.0	0.4	2.7	1.7	2.3

Hyderabad	39.9	43.5	201.3	60	0.0	1.8	1.7	11.0	14.6
Islamabad	41.1	42.0	185.7	37	0.0	0.1	1.0	0.3	1.4
Jacobabad	44.6	49.5	223.3	45	0.0	0.0	0.0	2.7	3.7
Jhang	42.8	46.0	209.3	41	0.0	0.0	1.0	2.0	2.0
Jhelum	44.1	46.3	211.7	29	0.0	0.9	1.1	2.6	2.3
Jiwani	37.9	47.5	196.8	66	0.0	2.0	0.4	2.6	8.3
Joharabad	43.1	45.0	208.3	40	0.0	0.3	0.3	1.1	3.1
Kakul	34.9	36.5	148.2	38	0.0	0.0	1.3	0.0	1.4
Kalam	29.0	33.0	102.8	26	0.0	0.0	3.0	0.0	1.1
Kalat	31.9	33.5	177.3	34	0.0	0.0	0.0	0.0	0.0
Karachi	36.4	38.5	193.6	70	0.2	3.6	3.3	4.6	11.1
Khanpur	42.6	45.0	213.9	46	0.0	0.0	0.0	6.0	2.9
Khuzdar	41.1	43.0	211.3	7	0.0	0.0	0.7	0.0	0.9
Kotli	40.8	41.7	196.6	33	0.0	0.4	1.3	3.1	2.1
Lahore	42.8	45.7	213.7	35	0.0	0.1	0.9	2.9	6.0
Larkana	43.8	46.0	231.1	46	0.0	0.0	0.0	6.0	8.9
Lasbella	41.5	47.0	205.4	57	0.0	3.2	1.0	0.0	7.1
Lower Dir	41.7	43.0	194.0	27	0.0	0.0	0.3	2.0	1.4
Malam Jabba	27.8	28.5	109.8	46	0.0	0.0	1.0	0.0	0.0
M.B Din	44.8	46.6	209.0	35	0.0	0.4	0.9	1.4	1.4
Mangla	43.5	44.5	201.5	33	0.1	0.7	1.3	3.6	5.7
Mir Khani	37.7	42.0	169.9	35	0.0	0.0	0.7	0.0	1.4
Moinjodaro	43.4	45.5	211.3	46	0.0	0.0	0.1	7.7	8.6
Multan	42.5	46.7	222.3	40	0.1	0.0	0.6	12.0	10.0
Murree	29.1	29.8	133.6	33	0.0	0.3	1.7	1.1	2.0
Muzaffarabad	41.7	43.3	184.3	51	0.0	0.0	1.9	0.6	1.3

Nokkundi	44.3	46.5	210.3	10	0.0	0.0	0.4	6.7	9.4
Noorpurthal	45.9	47.8	218.5	48	0.0	0.0	0.0	0.6	0.6
Okara	43.4	46.8	212.0	35	0.0	0.3	0.4	1.7	3.4
Padidan	42.3	44.0	211.8	53	0.0	0.0	0.0	4.3	6.9
Panjgur	42.1	43.0	209.8	32	0.0	0.0	0.9	2.9	14.6
Parachinar	30.6	32.0	***	38	0.0	3.3	3.4	3.4	4.7
Pasni	37.1	48.0	199.3	68	0.0	2.6	1.6	7.4	9.7
Peshawar	43.5	45.0	201.5	33	0.0	0.3	0.1	0.9	1.7
Quetta	35.7	37.0	151.8	20	0.0	0.0	0.4	2.3	2.9
R.Y.Khan	44.1	46.5	220.0	43	0.0	0.0	0.0	9.4	10.9
Rawalakot	31.4	32.5	115.2	54	0.0	0.1	1.7	0.0	1.1
Rohri	43.5	45.0	230.2	45	0.0	0.0	0.0	3.0	3.4
Rawalpindi	42.2	43.0	192.1	29	0.0	0.3	0.0	1.9	1.2
Sahiwal	42.6	46.0	204.6	38	2.0	0.0	0.0	4.3	4.6
Saidu Sharif	38.6	40.5	177.8	33	0.0	0.0	0.4	0.0	0.0
Sialkot	43.7	45.3	210.3	31	0.0	0.9	0.6	0.9	1.7
Sibbi	46.1	49.0	229.3	34	0.0	0.0	0.0	0.0	0.0
Skardu	29.2	34.6	101.5	27	1.1	0.7	4.0	0.0	3.4
Tandojam	38.9	41.0	196.2	66	0.0	3.2	2.9	3.2	2.9
Usta. M	48.1	49.2	239.8	38	0.0	0.7	1.1	0.2	0.2
Zhob	38.3	40.5	184.3	21	4.0	0.0	0.6	4.2	7.3

*** Shows that data was not available.