

Weekly Weather and Crop Bulletin for Pakistan

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

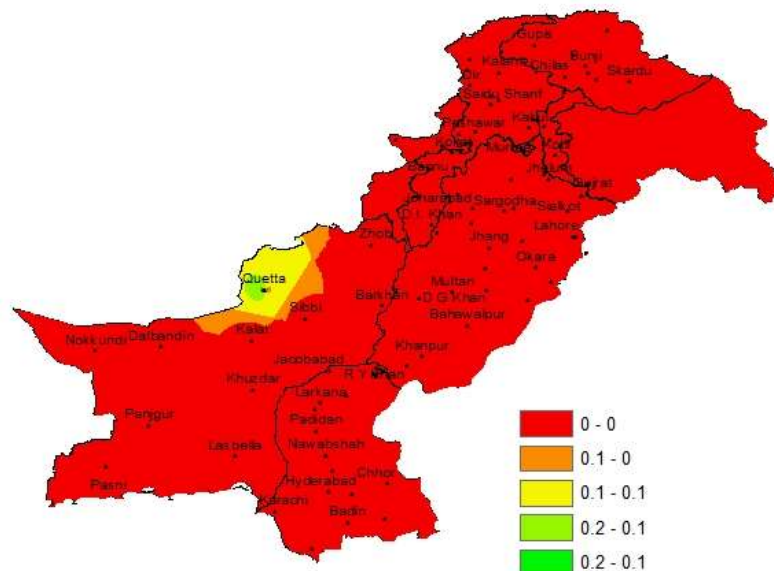
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**Rainfall Distribution (mm) during the
Previous Week (from 22nd to 28th Feb, 20 16)**

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Highlights of Past Weather (from 22nd to 28th Feb, 20 16)

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 only at a single station (Quetta = 0.1mm) in Balochistan.
- Dry weather was reported in Khyber Pakhtunkhwa, Punjab, Sindh and Gilgit-Baltistan & Kashmir regions.

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Past Weather of Provinces (from 22nd to 28th**Feb, 2016)****Punjab**

Dry weather was reported in Punjab during the week. Weekly maximum and minimum temperatures recorded 28.2°C & 10.2°C respectively. For the present season average 99.0 growing degree days accumulated by the end of last week. Average relative humidity recorded 60% and wind speed in the morning/evening recorded 0.6/1.7Knots. During the previous week the lowest minimum temperature recorded 5.7°C at Bahawalpur.

Sindh

Dry weather was reported in Sindh during the week. Weekly maximum and minimum temperatures recorded 32.9°C & 12.9°C respectively. For the present season average 125.7 growing degree days accumulated by the end of last week. Average relative humidity recorded 51% and wind speed in the morning/evening recorded 2.2/3.4Knots. During the lowest minimum temperature recorded 6.5°C at Mathi.

Khyber Pakhtunkhwa

Dry weather was reported in Khyber Pakhtunkhwa province during the week. Weekly maximum and minimum temperatures recorded 24.1°C & 5.7°C respectively. For the present season average 69.3 growing degree days accumulated by the end of last week. Average relative humidity recorded 46% and wind speed in the morning/evening recorded 1.8/3.3Knots. During the previous week the lowest minimum temperature recorded -4.5°C at Parachinar.

Balochistan

Light rainfall reported only at single station (Quetta = 0.1mm) in Baluchistan during the week. Weekly maximum and minimum temperatures recorded 29.1°C & 9.8°C respectively. For the present season average 101.2 growing degree days accumulated by the end of last week. Average relative humidity recorded 41% and wind speed in the morning/evening recorded 1.6/4.1Knots. During the previous week the lowest minimum temperature recorded -1.5°C at Quetta.

Gilgit-Baltistan and Azad Jammu & Kashmir

Dry weather was reported in Gilgit-Baltistan & Kashmir regions during the week. Weekly maximum and minimum temperatures recorded 20.0°C & 2.5°C respectively. For the present season average 43.6 growing degree days accumulated by the end of last week. Average relative humidity recorded 44% and wind speed in the morning/evening recorded 1.4/1.8Knots. During the previous week the lowest minimum temperature recorded -6.5°C at Astore.

**Past Weather for Major Agricultural Plains
(from 22nd to 28th Feb, 2016)****Rawalpindi (Potohar region)**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/0.0Oktas while, average relative humidity observed 59%. Mean night time temperature recorded 9.8°C & for the present season 95.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/1.4Knots.

Faisalabad (Central Punjab)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.7Oktas while, average relative humidity observed as 61%. Mean night time temperature recorded 10.7°C & for the present season 102.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.6Knots.

Tandojam (Lower Sindh)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.4/1.7Oktas while, average relative humidity observed as 53%. Mean night time temperature recorded 10.6°C & for the present season 115.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.8Knots.

Quetta (Northern Baluchistan)

Rainfall reported as 0.1mm during the week; however cloudiness in the morning/evening recorded 1.1/2.6Oktas while, average relative humidity observed as 21%. Mean night time temperature recorded 3.0°C & for the present season 49.0 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.2/2.9Knots.

Usta Muhammad (Eastern Balochistan)

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.0Oktas while, average relative humidity observed as 58%. Mean night time temperature recorded 10.4°C & for the present season 107.8 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.3/0.9Knots.

**Past Weather for Sub-Regional Agricultural
Plains (from 22nd to 28th Feb, 2016)****Multan**

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.3/1.1Oktas while, average relative humidity observed as 58%. Mean night time temperature recorded 12.1°C & for the present season 110.9 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/2.9Knots.

Lahore

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.1/2.0Oktas while, average relative humidity observed as 59%. Mean night time temperature recorded 11.2°C & for the present season 104.5 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 1.1/2.0Knots.

Zhob

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 1.1/1.6Oktas while, average relative humidity observed as 25%. Mean night time temperature recorded 3.6°C & for the present season 66.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 5.0/5.0Knots.

D.I. Khan

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.4Oktas while, average relative humidity observed as 59%. Mean night time temperature recorded 7.8°C & for the present season 98.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/0.9Knots.

Peshawar

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.6/0.7Oktas while, average relative humidity observed as 53%. Mean night time temperature recorded 10.1°C & for the present season 99.3 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.6/1.1Knots.

Murree

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.3Oktas while, average relative humidity observed as 33%. Mean night time temperature recorded 7.5°C & for the present season 51.6 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 4.0/2.3Knots.

Kalam

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.0/0.6Oktas while, average relative humidity observed as 50%. Mean night time temperature recorded -0.2°C & for the present season 30.2 growing degree days accumulated by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.6Knots

Gilgit

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.9/0.7Oktas while, average relative humidity observed as 49%. Mean night time temperature recorded 0.3°C & for the present season 36.5 growing degree days accumulated by the

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

Skardu

Dry weather was reported during the week; however cloudiness in the morning/evening recorded 0.1/0.1Oktas while, average relative humidity observed as 53%. Mean night time temperature recorded -3.5°C by the end of last week. Wind speed recorded in the morning/evening as 0.0/0.0Knots.

Crop Situation for Major Agricultural Plains**(Based on data from Regional Agromet Centres)****Potohar Region (Rawalpindi)**

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

Wheat: Good condition at *Tilliring* stage.

Central Punjab (Faisalabad)

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

Wheat: Very Good condition at *Heading* stage.

Lower Sindh (Tandojam)

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

Wheat: Good condition at *Flowering* stage.

Northern Balochistan (Quetta)

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

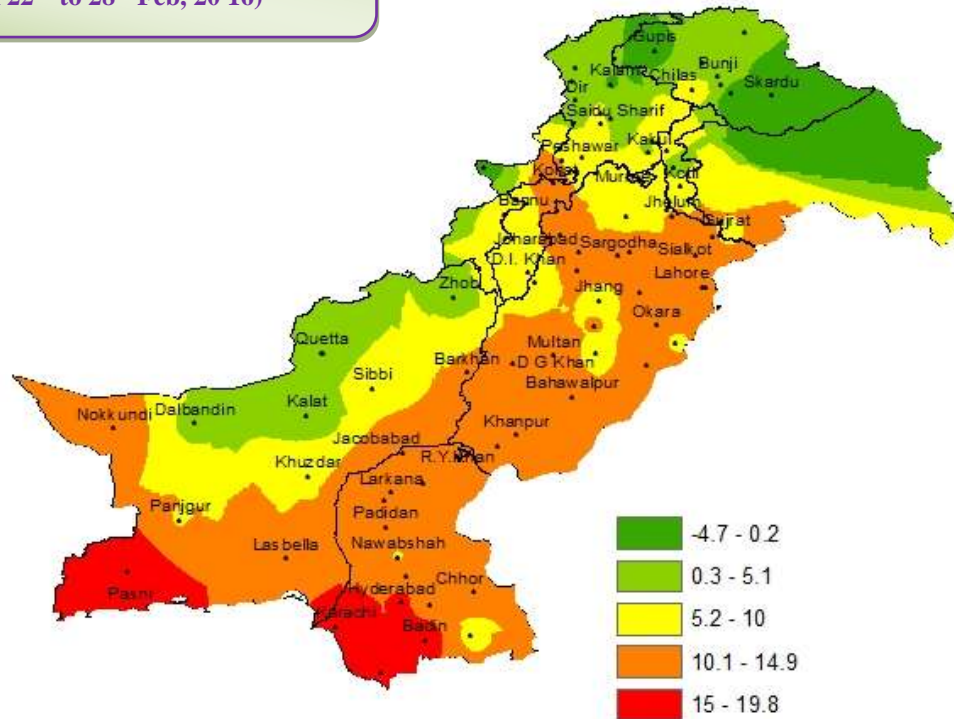
Wheat: Good condition at *Tilliring* stage.

Eastern Balochistan (Usta Muhammad)

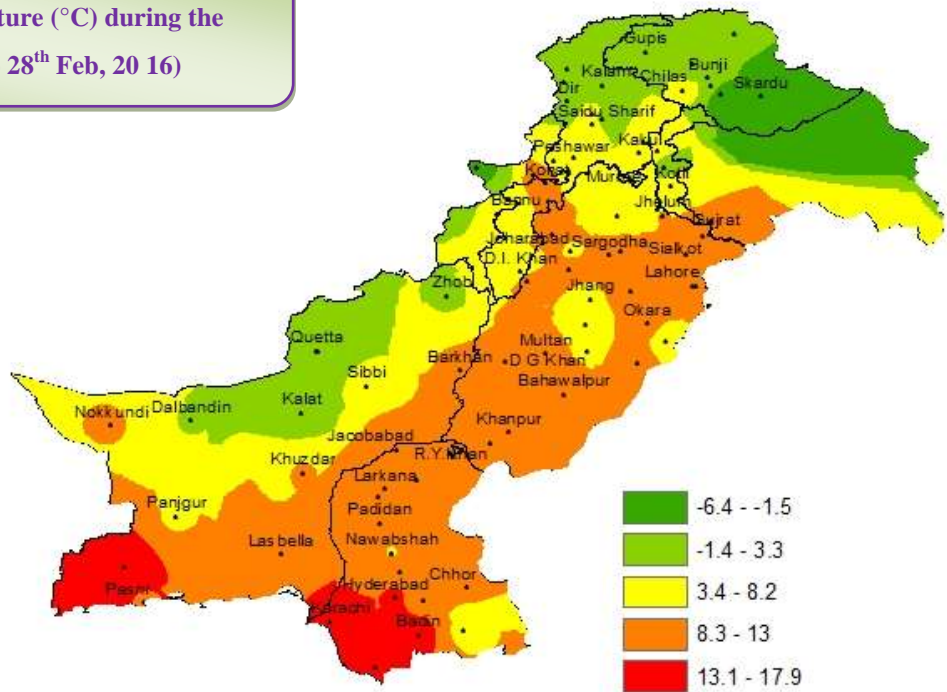
There is presently one crop (irrigated condition) grown in the fields of RAMC Usta Muhammad.

Wheat: Good condition at *Shooting* stage.

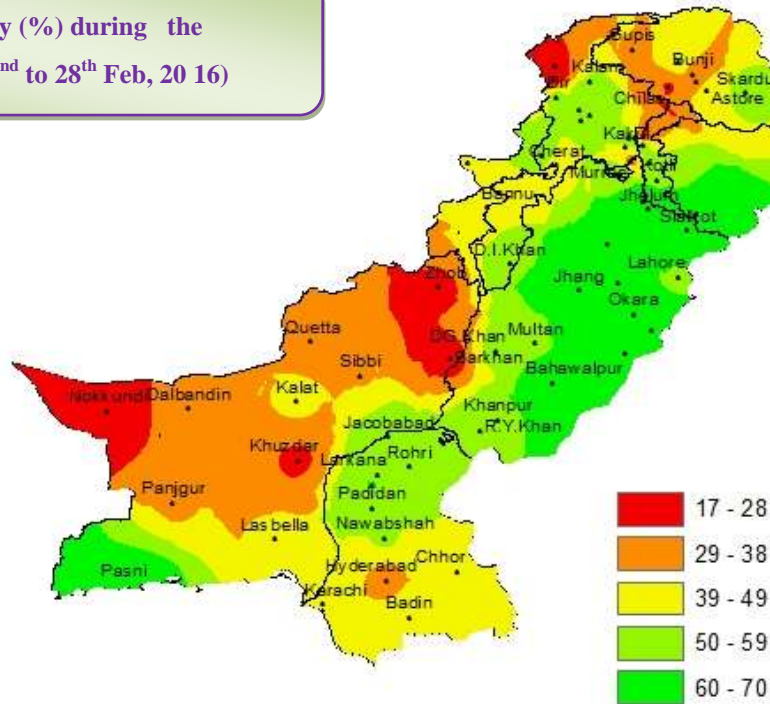
Mean Minimum Temperature (°C) during the Previous week (from 22nd to 28th Feb, 20 16)



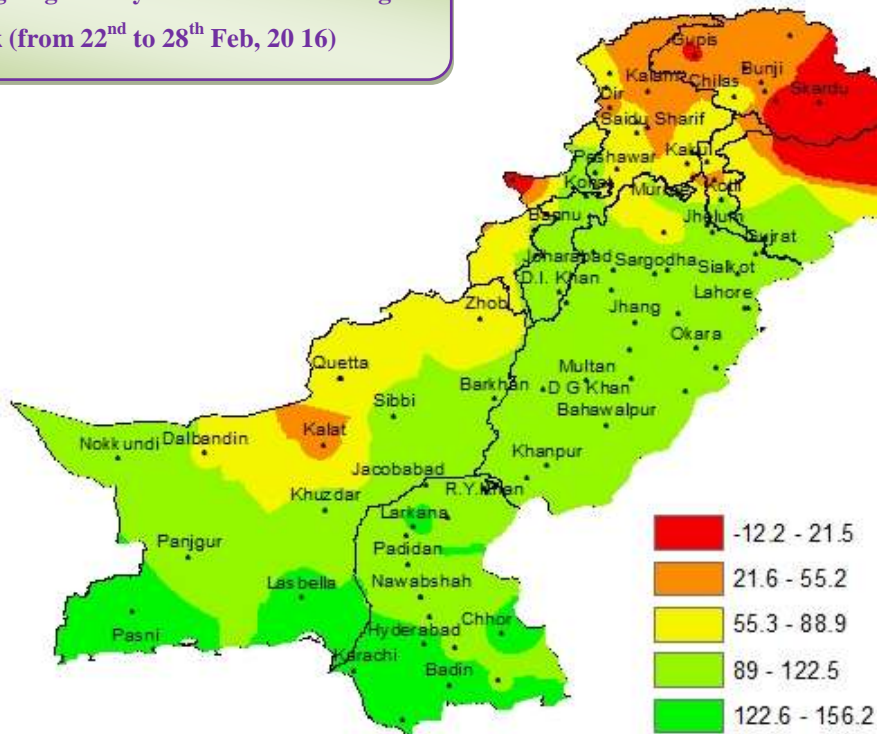
Lowest Minimum Temperature (°C) during the Previous week (from 22nd to 28th Feb, 20 16)



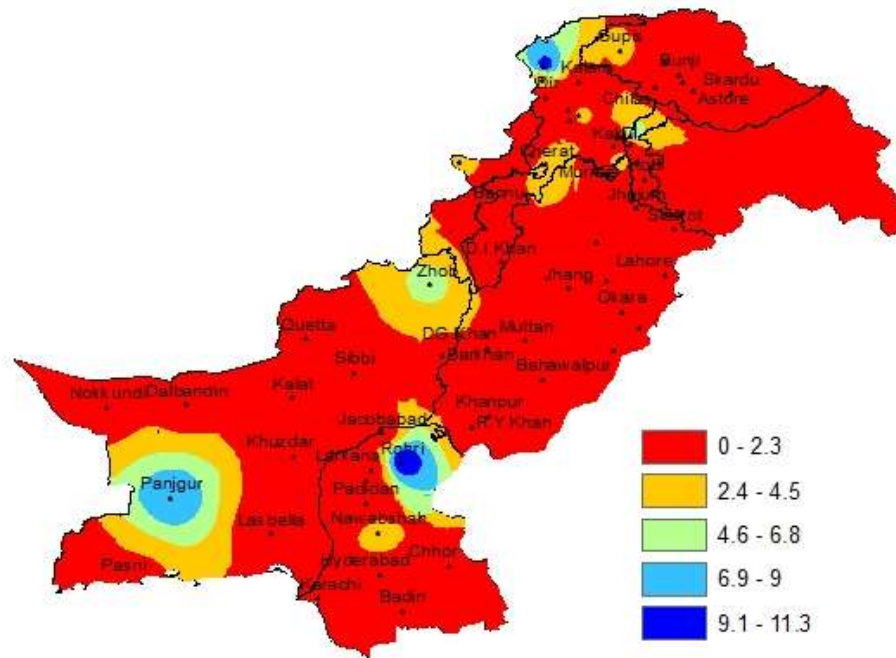
Mean Relative Humidity (%) during the Previous week (from 22nd to 28th Feb, 20 16)



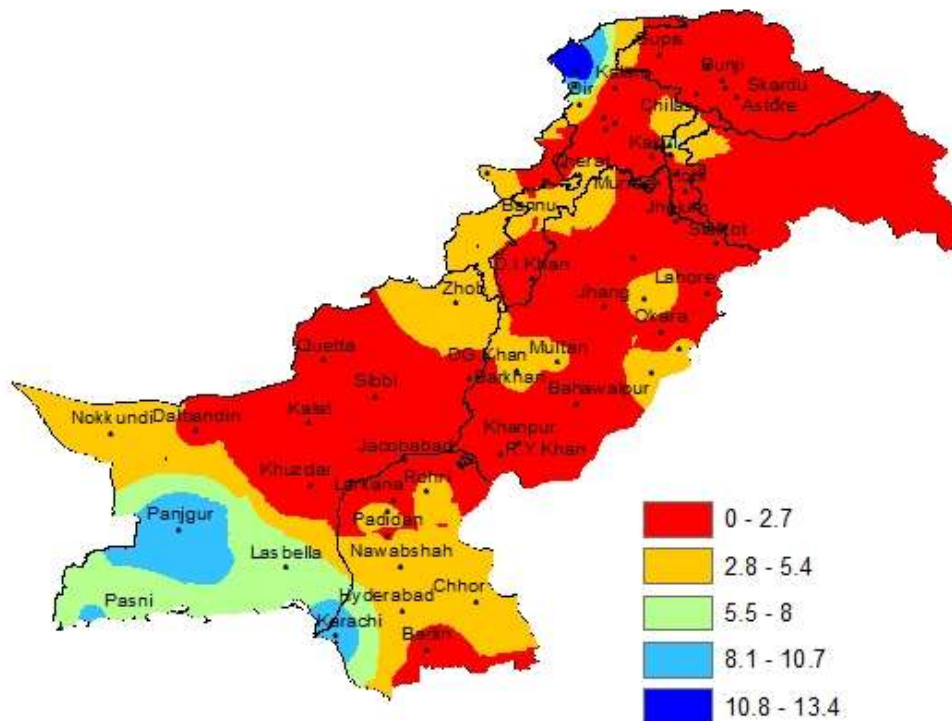
Total Growing Degree Days accumulated during the Previous week (from 22nd to 28th Feb, 20 16)



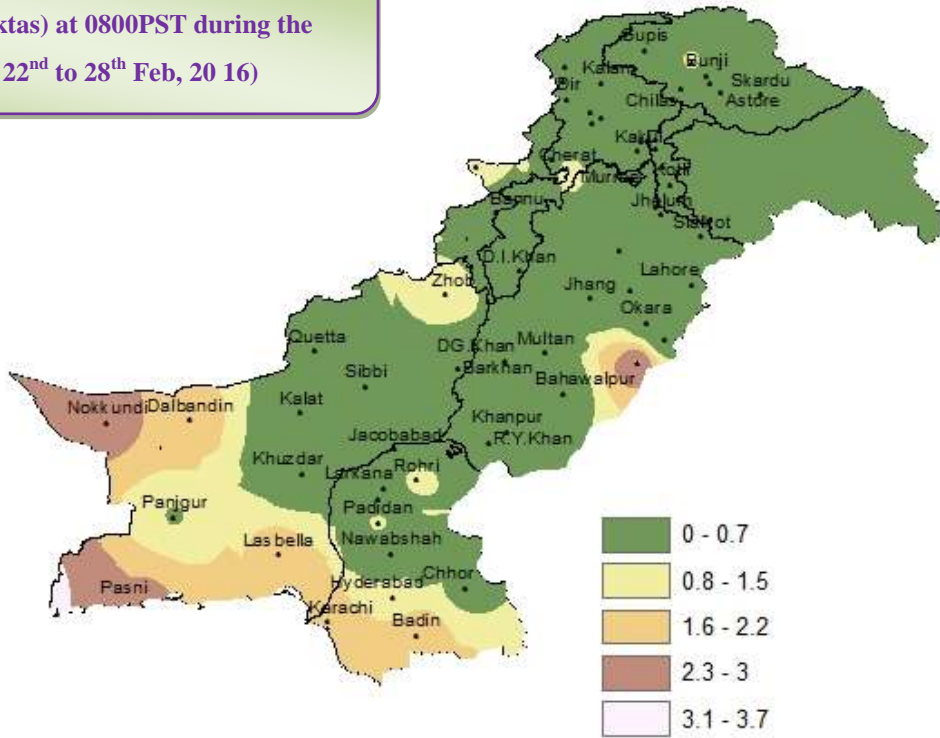
Mean Wind Speed (Knots) at 0300 PST during the Previous week (from 22nd to 28th Feb, 20 16)



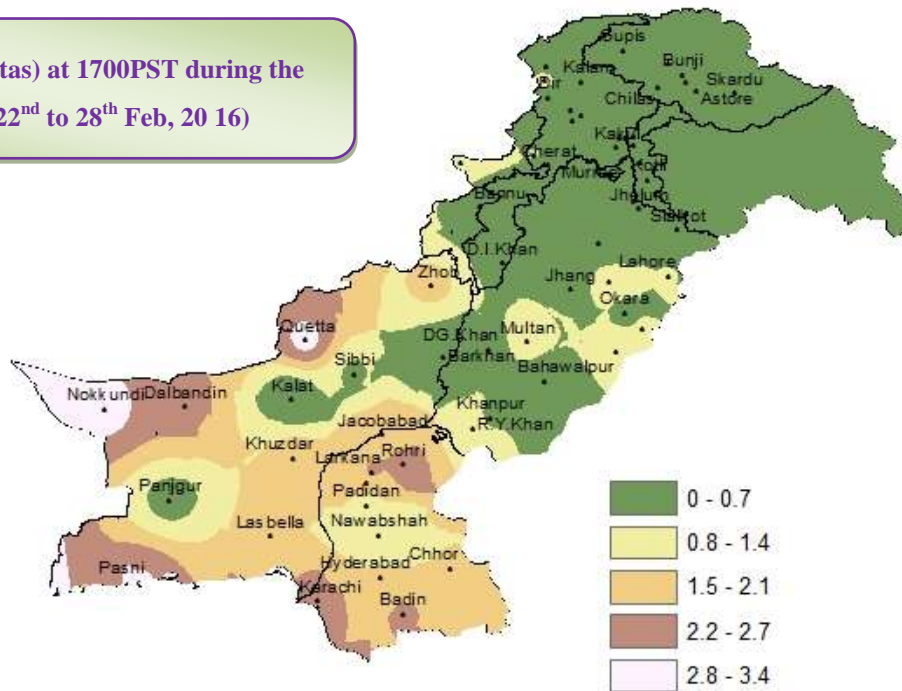
Mean Wind Speed (Knots) at 1200 PST during the Previous week (from 22nd to 28th Feb, 20 16)



Mean Cloudiness (Oktas) at 0800PST during the Previous week (from 22nd to 28th Feb, 20 16)



Mean Cloudiness (Oktas) at 1700PST during the Previous week (from 22nd to 28th Feb, 20 16)



Weekly Weather Advisory for Farmers**(from 29th Feb to 6th Mar, 2016)**

A westerly wave is likely to enter in Balochistan in next 24 hrs and the same weather system is likely to grip upper parts of the country on Friday/Saturday.

MONDAY**29-02-2016**

Mainly dry weather is expected over most parts, while cold weather is likely over northern areas of the country. Hot weather conditions are expected in Sindh, south Punjab and south Balochistan.

TUESDAY**01-03-2016**

Rain-thundershower associated with gusty winds is expected at widespread places of Balochistan, while there are few chances (20%) of dust-thundershowers in Karachi & Hyderabad divisions. Dry weather elsewhere in the country.

WEDNESDAY**02-03-2016**

Rain-thundershower associated with gusty winds is expected at widespread places of Balochistan whereas isolated rain/thundershowers accompanied by gusty winds are expected over upper Sindh (Sukkar & Larkana divisions), while there are also few chances (20%) of dust-thundershowers in Karachi & Hyderabad divisions. Dry weather elsewhere in the country.

THURSDAY**03-03-2016**

Rain-thundershower associated with gusty winds is expected at widespread places of Balochistan whereas isolated rain/thundershowers accompanied by gusty winds are expected over upper Sindh (Sukkar & Larkana divisions). Dry weather elsewhere in the country.

FRIDAY**04-03-2016**

Rain/thundershowers is expected at scattered places in Islamabad, KP, FATA, Punjab and Kashmir. Dry weather elsewhere in the country.

SATURDAY**05-03-2016**

Rain/thundershowers is expected at scattered places in Islamabad, KP, FATA, Punjab and Kashmir. Dry weather elsewhere in the country.

SUNDAY**06-03-2016**

Rain/thundershowers is expected at scattered places in Islamabad, KP, FATA, Punjab and Kashmir. Dry weather elsewhere in the country.

ADVISES FOR CROPS

- ❖ Farmers of irrigated areas should stop irrigation in upper Sindh, KP and Punjab, keeping expected weather in mind. Normally first irrigation is given 20-25 days after sowing and 2nd irrigation is given just before heading stage and the 3rd irrigation is given at milk maturity stage.
- ❖ Farmers of barani areas are advised to remove weeds from the fields, so that the present soil moisture may fully be utilized.
- ❖ Pest attacks are expected over vegetables & tobacco crops after these rains. Farmers are advised to take in time precautionary measures in this regard.
- ❖ Removing weeds from the standing crops is very important as weeds utilize moisture and food which may be utilized by the crop. As a result considerable loss in yield occurs every year. However operations against weeds should be started using weedicides or manually when the crop completely covers the fields.

National Weather Data of Selected Cities**(Weekly Data from 22nd to 28th Feb, 20 16)**

Stations	Minimum/Night Temperature (°C)		Growing Degree Days	Relative Humidity (%)	Rainfall (mm)	Cloudiness (Oktas) 0800PST	Cloudiness (Oktas) 1700PST	Wind Speed (Knots) 0800PST	Wind Speed (Knots) 1700PST
	Mean	Lowest							
Astore	-4.8	-6.5	-13.0	48	0.0	0.1	0.0	1.7	1.4
Badin	17.5	16	143.8	47	0.0	2.1	2.1	0.6	1.7
Bahawalnagar	12.4	9.7	108.7	65	0.0	3.0	1.0	0.0	3.4
Bahawalpur	10.6	8.8	104.3	66	0.0	0.1	0.0	0.0	0.0
Balakot	4.8	4	73.5	57	0.0	0.0	0.6	0.0	1.1
Bannu	6.9	4.8	90.4	41	0.0	0.0	0.0	0.6	3.1
Barkhan	10.3	9	95.5	22	0.0	0.0	0.0	1.7	1.7
Bunji	4.7	3.3	46.9	36	0.0	0.4	0.1	0.6	0.0
Cherat	8.9	6	63.3	44	0.0	0.9	0.4	4.3	4.6
Chhor	10.8	8.5	124.8	42	0.0	0.4	1.4	0.3	3.1
Chilas	7.1	5	68.6	27	0.0	0.0	0.1	0.0	2.0
Chitral	3.6	0	55.8	26	0.0	0.7	0.0	10.6	13.4
D.I.Khan	7.8	6.5	98.3	59	0.0	0.0	0.4	0.6	0.9
Dalbandin	4.1	3	87.5	34	0.0	2.0	2.3	1.1	2.3
DG.Khan	12.5	10.4	110.6	54	0.0	0.3	0.3	2.0	3.1
Dir	0.4	-1	49.8	54	0.0	0.0	0.3	0.0	4.4
Drosh	4.7	2.3	58.6	18	0.0	0.0	1.0	2.3	9.7
Faisalabad	10.7	9	102.9	61	0.0	0.0	0.7	0.6	1.6
Garidopatta	6.6	5.5	80.3	57	0.0	0.0	0.0	0.0	2.0
Gawader	17.1	14.5	133.8	65	0.0	2.3	2.0	0.0	8.6
Gilgit	0.3	-1	36.5	49	0.0	0.9	0.7	0.0	0.0
Gupis	-0.9	-1.5	20.3	37	0.0	0.0	0.0	2.9	2.0

Hyderabad	15.8	14	137.5	34	0.0	1.0	1.4	2.0	4.3
Islamabad	8.2	6	86.3	58	0.0	0.4	0.3	0.3	1.7
Jacobabad	13.2	11	119.3	55	0.0	0.0	1.7	0.3	0.6
Jhang	9.5	8	101.4	65	0.0	0.0	0.4	0.0	0.0
Jhelum	10.7	8.6	102.1	63	0.0	0.4	0.0	0.0	0.6
Jiwani	18.9	18	134.4	70	0.0	3.7	3.4	0.9	6.9
Kakul	4.8	3.8	62.2	48	0.0	0.0	0.3	0.0	1.7
Kalam	-0.2	-1	30.2	50	0.0	0.0	0.6	0.0	0.6
Kalat	2.5	0	50.0	41	0.0	0.0	0.0	0.0	0.0
Karachi	16.3	14	141.5	46	0.0	2.1	2.3	1.1	9.4
Khanpur	11.2	9.7	111.6	58	0.0	0.3	0.6	0.0	0.6
Khuzdar	9.7	8.5	97.0	26	0.0	0.0	1.7	0.0	0.6
Kotli	9.1	6.3	93.0	57	0.0	0.4	0.0	0.3	1.6
Lahore	11.4	10	104.5	59	0.0	0.0	0.7	1.1	2.0
Larkana	14.4	13	127.3	50	0.0	0.7	2.1	0.3	1.1
Lasbella	11.3	10.2	128.4	41	0.0	1.9	1.7	0.6	6.9
Lower Dir	5.5	4.5	78.0	57	0.0	0.0	0.1	0.3	2.0
M.B Din	11.4	9.5	103.3	67	0.0	0.0	0.0	0.0	1.7
Malam Jabba	2.6	0.5	24.3	58	0.0	0.0	0.0	3.1	1.7
Mangla	9.2	7.2	90.6	66	0.0	0.3	0.3	0.0	0.0
Mir Khani	3.9	1.8	54.9	30	0.0	0.0	0.4	0.4	2.4
Moinjodaro	11.4	9	115.1	61	0.0	0.0	1.7	1.1	3.7
Multan	12.1	9.3	110.9	58	0.0	0.3	1.1	0.0	2.9
Murree	7.5	6.5	51.6	33	0.0	0.0	0.3	4.0	2.3
Muzaffarabad	6.7	5.5	81.0	48	0.0	0.0	0.0	0.6	1.1
Nawabshah	9.8	8	119.8	50	0.0	0.0	0.7	2.6	4.0

Nokkundi	13.4	8.5	118.8	17	0.0	2.6	3.0	1.1	3.0
Okara	11.9	10	106.3	61	0.0	0.0	0.6	0.9	1.7
Padidan	11.9	10	121.8	50	0.0	0.9	1.0	1.4	2.6
Panjgur	9.9	7.5	96.5	36	0.0	0.7	0.4	8.3	10.6
Parachinar	-2.2	-4.5	-1.2	47	0.0	1.3	1.3	2.9	3.0
Pasni	15.8	12.5	126.8	67	0.0	2.4	2.8	1.7	6.0
Peshawar	10.1	8	99.3	53	0.0	0.6	0.7	0.6	1.1
Quetta	3.0	-0.5	49.0	21	0.1	1.1	2.6	1.2	2.9
R.Y.Khan	10.8	9	110.3	59	0.0	0.3	1.1	0.3	1.1
Rawalakot	1.8	-0.3	44.3	54	0.0	0.0	0.0	0.0	2.0
Rawalpindi	9.8	8.2	95.8	59	0.0	0.4	0.0	0.0	1.4
Sahiwal	9.6	6	96.4	64	0.0	0.0	0.7	1.1	2.9
Saidu Sharif	6.7	6	76.3	49	0.0	0.0	0.0	1.1	0.0
Sialkot	11.5	9.8	96.6	69	0.0	0.0	0.0	0.0	0.9
Sibbi	7.4	5.5	110.3	38	0.0	0.0	0.6	0.0	0.3
Skardu	-3.5	-4.4	-0.3	53	0.0	0.1	0.1	0.0	0.0
Tandojam	10.6	8.5	115.0	53	0.0	0.4	1.7	0.3	0.8
Usta.M	10.4	9	107.8	58	0.0	0.0	0.0	0.3	0.9
Zhob	3.6	2.5	66.3	25	0.0	1.1	1.6	5.0	5.0

*** Shows that data was not available.