



(Issued jointly by S. D. Agricultural University & Indian Meteorological Department)

Agromet Advisory Bulletin

MEHSANA

BULLETIN No. :75

DATE: 07-02-2020

Past weather summary for the period from: 04-02-2020 to 07-02-2020

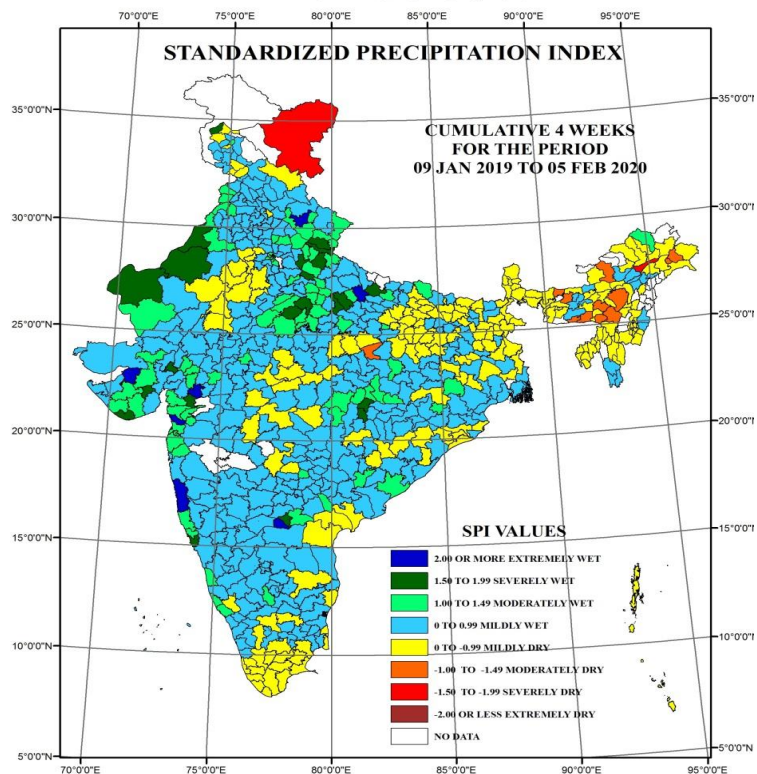
Sr. No.	Name of Parameter	Value
1	Rainfall (mm)	0.0
2	Highest Temperature (°C)	29.9
3	Lowest Temperature (°C)	9.5
4	Range of Relative humidity (%)	21-75
5	Range of Wind Speed (kmph)	4-7
6	Range of Cloud Cover (okta)	0-0

Weather Forecast Period: 08-02-2020 to 12-02-2020

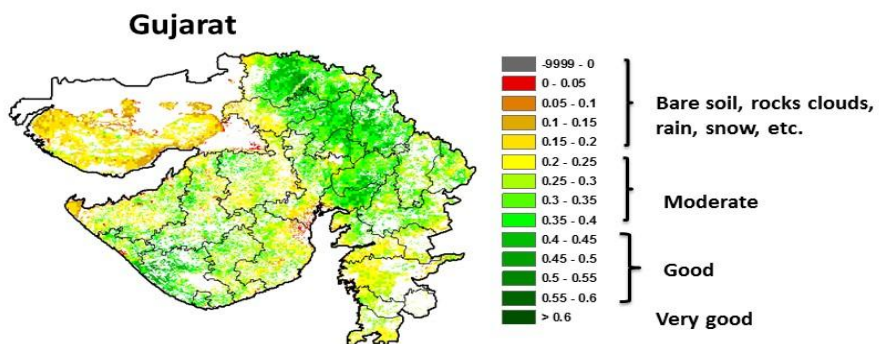
Weather Parameters	Day-1	Day-2	Day-3	Day-4	Day-5
Rainfall (mm)	0	0	0	0	0
Max. Temp trend (°C)	28	28	28	30	31
Min. Temp trend (°C)	13	13	14	16	18
Total Cloud cover (Octa)	0	0	0	0	2
Max Relative humidity (%)	34	36	36	31	42
Min. Relative humidity (%)	18	16	16	18	21
Wind Speed (Kmph)	14	15	13	12	10
Wind direction (Degree)	40	65	63	79	66

General advice	As per IMD weather forecast for next five days, sky will remain mainly clear and no rainfall would occur. Maximum and minimum temperatures will be in between 28-31 °C and 13-18 °C respectively. Relative humidity will be in between 16-42 % during the period. Northeasterly wind will be blow with the speed of 10-15 km/hr. Apply irrigation in winter crops. Take plant protection measures in crops.		
Crop	Stage	Pest/disease	Advisory
Castor	Spike Maturity	-	Harvest the matured spike under clear sky condition. Apply irrigation if crop required.
Wheat	Milking/Dough	-	Irrigate the crop at Milking stage (75 days after sowing) and at dough stage (85 to 95 days after sowing)
Gram	Pod filling	-	Apply light irrigation to crop at pod filling stage (critical stage).
Cumin	Flowering/ Grain formation	Blight	For control of blight, spray of mencozeb (0.25%) @ 30 gm plus 20 ml <i>desi</i> soap solution adding in 10 litre water.
Potato	Tuber development	Blight	Spray Mencozeb 0.2% @ 25 gram in 10 litre of water for control of blight disease.
Mustard	Pod development	White rust	For control of white rust in mustard spray of Mencozeb (0.25%) @ 30 gm plus 20 ml <i>desi</i> soap solution adding in 10 litre water. Apply irrigation at evening time.
Fennel	Grain formation	Blight	For control of blight, spray of mencozeb (0.25%) @ 30 gm plus 20 ml <i>desi</i> soap solution adding in 10 litre water.
Tomato	Fruit development	-	Carry out picking of matured fruits.
Brinjal	Flowering/Fruit development	Shoot and fruit borer	Spray with quinalphos 25 EC 20 ml in 10 litres of water at evening hours for control of shoot and fruit borer. Apply irrigation at evening time.
Fruit crops	Fruiting	-	Apply light irrigation to the crops regularly.
Cattle	-	-	Keep the animals indoor at night time for protecting against extreme cold wind. Give dry fodder twice a day. Provide warm drinking water to animals. FMD vaccination should be done to animals.

MINISTRY OF EARTH SCIENCES
INDIA METEOROLOGICAL DEPARTMENT
HYDROMET SECTION, PUNE



NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 05
(29.01.2020 to 04.02.2020) over Agricultural region



Agricultural Vigour is good at few parts of Gujarat.

Nodal Officer (GKMS)
AMFU, Dantiwada (Gujarat)