



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR

ZONAL AGRICULTURAL RESEARCH STATION, SHENDA PARK, KOLHAPUR



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Weather based Agromet Advisory committee meeting dated 17.04.2026

District: KOLHAPUR

Last Week Weather Summary (11.04.2026 to 17.04.2026)							Weather Parameters	Weather Forecast (18.04.2026 to 22.04.2026)				
11	12	13	14	15	16	17	Date	18	19	20	21	22
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	2	8	9	7	5
36.8	38.6	39.4	37.0	39.4	39.5	38.0	Max. Temp. (°C)	39	39	39	38	38
22.6	21.5	23.4	21.8	23.2	22.6	23.4	Min. Temp. (°C)	23	24	25	25	24
0	0	0	0	0	0	0	Cloud Cover	5	2	3	2	1
3	4	0	0	0	0	8						
72	68	78	87	77	72	77	Max. RH (%)	79	84	90	93	95
36	34	31	38	35	35	35	Min. RH (%)	33	34	39	44	44
3.5	2.7	1.8	2.2	3.4	2.4	2.8	Wind Speed(km/hr)	3	5	4	5	4
NW	NE	SW	SE	WSW	W	S	Wind Direction	WNW	NW	W	WSW	WSW
N	NW	NE	NE	SW	WSW	NE						
Rainfall last week				Rainfall since 01.01.2026 (mm)				Rainy days since 01.01.2026				
0.0				62.6				4				

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory				
Weather Summary		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is forecast of partially cloudy sky on 18 th and 20 th April and forecast of mainly clear sky on 19 th , 21 st and 22 nd April in Kolhapur district. There is forecast of light rainfall at isolated places on 18th, 19th 20th, 21st and 22nd April. During next 5 days Tmax. may remain between 38.0 to 39.0°C, the minimum temperature may remain nearby 23.0 to 25.0°C. Morning relative humidity will remain nearby 79 to 95% and Afternoon relative humidity will remain nearby 33 to 44%. Wind speed will remain between 03 to 05 kmhr ⁻¹ .				
ERFS		According to the Extended Range Forecast (ERF) for the Madhya Maharashtra Sub-Division, there is forecast of Above normal rainfall, Maximum temperatures are expected to remain normal, while minimum temperatures are likely to remain above normal during the period from 22 nd to 28 th April, 2026.				
Weather warning		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center; vertical-align: middle;">19th April</td> <td>Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (30-40kmph) at isolated places in ghat areas</td> </tr> <tr> <td></td> <td>Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places in Kolhapur district</td> </tr> </table>	19 th April	Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (30-40kmph) at isolated places in ghat areas		Thunderstorm accompanied with lightning, light to moderate rainfall & gusty winds (40-50kmph) at isolated places in Kolhapur district
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General Advisory		<ul style="list-style-type: none"> ❖ Care should be taken by farmers during thunderstorm and lightening <ul style="list-style-type: none"> ➤ In view of thunderstorm accompanied with gusty winds, provide mechanical support to orchards, staking in vegetables. ➤ If farmers are in the field and can't find any shelter, avoid the tallest object in the area. If only isolated trees are nearby, best protection is to crouch in the open. ➤ Keep animals away from open water, pond or river. ➤ Keep animals away from tractors and other metal farm equipment. ➤ Cover the harvested produce (if in the field) with polythene sheet. ➤ Avoid contact with electrical equipment or cords. ➤ Don't allow your animals to congregate under trees. ❖ Carry out spraying of Insecticide or fungicide when there is no rainfall and wind is calm 				
SMS Advisory		➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening.				
Maize	Vegetative	➤ Due to hot condition increase in evapotranspiration thus crop may suffer water stress thus Avoid water stress to crop				





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		➤ Apply light and frequent irrigation to maintain soil moisture particularly during Morning or Evening hours
Groundnut	Pod development	➤ For fulfilling the deficiency of micronutrients in standing crop spray the crop with 0.5% Fe and 0.2% Zinc Sulphate mixture at 50 and 70 days after sowing.
Sunflower	Maturity	➤ Carry out harvesting of matured Sunflower crop and keep the harvested produce at safe place as rainfall is forecasted.
Tomato	Growth	➤ There is warning of rainfall and high wind speed thus there is possibility of lodging of crop thus to prevent it carry out staking to Tomato plant.
Sugarcane	Vegetative	➤ Due to hot condition evapotranspiration rate goes increase and crop suffer stress which affect further growth and then yield thus Apply light and frequent irrigation to maintain soil moisture ➤ Use mulching to reduce evaporation losses ➤ Carry out mulching to maintain moisture in the soil
Chilli	Flowering	➤ Due to dry weather there is possibility of incidence of Mites on Chilli. If incidence observes then spray the crop with Fenpropathrin 30% EC 5 ml or Fenazaquin 10 EC 25 ml per 10 liters of water.
Banana	Fruit development	➤ There is forecast of rainfall thus carry out harvesting of matured bunches and keep the harvested bunches at safe place ➤ Due to rainfall and gusty wind there is possibility of lodging of Banana plants thus carry out staking to plants to avoid lodging
Mango	Fruit development	➤ Carry out harvesting of mango fruit at 80 to 85% maturity stage. Harvesting should be done with help of nutan mango harvester keep the harvested fruits at safe place as rainfall is forecasted. ➤ Keep the harvested fruits in shade to prevent development of spongy tissue and from heat. Transport of matured fruit should be done during night. Do not spray the plant with any type of fungicide or insecticide at least 8 days before harvesting of fruit.
Animals	Growth	Measures for protection of cattle's from heat... ➤ Buffalos having very low sweat glands and their skin is black coloured thus they get more trouble due to increased temperature so allow Buffaloes for wallowing during summer season. ➤ Keep the cattle's under shade. If possible sprinkle water 4 to 5 times through out day. ➤ Provide sufficient, pure and cool water for drinking to animals. Give protein rich green fodder and mineral mixture to animals. ➤ If possible use fans in cattle shed ➤ Do not allow animals for grazing during afternoon hours.
Poultry Bird	Growth	For protection of Poultry bird from heat cover the sides of Poultry shed with gunny bags and spray the water on it frequently so that temperature inside the poultry remains down. Take care to remain ventilation inside the poultry shed.
To download " Meghdoot " app scan QR code		To download " Damini " app scan QR code
		

Source:

- 1) Weather Forecast : Research Section, Mumbai
 2) Last week weather summary : IMD observatory (ZARS,KOLHAPUR)

Place : ZARS, KOLHAPUR

Date : 17.04.2026

Sd/-
Nodal Officer, GKMS, &
Associate Director of Research,
ZARS, Kolhapur