



GRAMIN KRISHI MAUSAM SEWA

Agromet Advisory Bulletin for Sub Tropical Conditions of Jammu Region
 Issued Jointly by Sher-e-Kashmir University of Agricultural Sciences & Technology Jammu and
 India Meteorological Department
 Agromet Research Centre, SKUAST-Jammu, Chatha-180009
 email:jmu.agrimet@gmail.com



District : KATHUA

No. AUJ/Agromet/GKMS/24-25/353 - 56	Bulletin No:11/2024-25	Dated:07-05-2024
Phone:0191-2958213	Website: www.skuast.org	Fax: 0191-2263891

Weather summary of previous 5 days 02nd to 06th May, 2024)

Range of Max. Temperature (°C)	30.0 – 34.6
Range of Min. Temperature (°C)	16.0 – 21.4
Range of Relative Humidity (%)	NA
Rainfall (mm)	0.0

Ensembled forecast for next 5 days (0830 hrs 08th to 12th May, 2024)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH Morning (%)	RH Evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Octa)
08-05-24	0	39	22	50	30	1	22	2
09-05-24	0	39	22	50	30	1	35	1
10-05-24	0	39	22	50	25	1	10	1
11-05-24	0	39	22	50	25	1	20	5
12-05-24	5	36	23	70	50	1	40	8

Sky may remain fair to cloudy for next five days with chances of light rainfall on 12th May 2024. The Maximum Temperature may range from 36°C to 39°C while the Minimum Temperature may range from 22°C to 23°C. Wind may blow from North Northerly Easterly to Northerly Easterly direction with the speed of about 1 km/hr. The morning relative humidity may range from 50% to 70% and evening relative humidity may range from 25% to 50% during this period.

As per Extended Range Forecast (ERF), Rainfall may remain below normal limits whereas Maximum and Minimum Temperature may remain moderately below normal limits in J&K Subdivision wef 12-05-2024 to 18-05-2024.

Weather Forecast Based Agromet Advisories W.E.F 0830 hrs 08th to 12th May, 2024

Crop	Stage/Cultural Operation	Weather based Agro- advisories
Pulses Summer pulses (moong/mash)	Sowing	Sowing of Mash (var.) Pant U-19, Uttara and Moong (var.) PDM-54, ML-131, ML 818, PS-16, PS-7 is recommended.
Gram (Late sown)	Harvesting/Threshing / Post Harvest	Those who have not harvested/threshed crop yet may go for harvesting and threshing. Shift threshed crop immediately to safer places.
Wheat Early/ Normal sown	Harvesting/Threshing / Post Harvest	Those who have not harvested/threshed crop yet may go for harvesting and threshing immediately. Shift threshed crop immediately to safer places. Store the threshed wheat grain after proper drying. Clean and disinfect the store bins before storage of grains.
Oilseeds Mustard	Post harvest	Clean and disinfect the store bins before storage of crop.
Summer fodder	Sowing/early vegetative	Sowing of summer mixed fodder (maize+cowpea+charri) and bajrais recommended during clear weather. In case of already sown crop, top dressing of Nitrogen is recommended.
Vegetables:		.



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Onion/garlic	Harvesting	Harvest Onion/garlic immediately, if not harvested yet and shift to safer places, keep them in muslin cloth in well ventilated rooms.
Cole Crop/leafy vegetable	Seed Harvesting	Extract seed from dry pods of cole crop and leafy vegetables, clean them properly and store after treating with bavistin @ 2gm/kg seed or Captan/Thiram @ 3gm/kg seed.
Tomato/chilly	Flowering/fruitletting	Monitor tomato crop for leaf curl. Remove virus infected plants.
Cucurbits	Vegetative	Black spots on leaves and drying of vines due to Downey mildew, restrict irrigation to the crop. Spray metalaxyl in combination with carbendazim @ 1gm /lt during clear weather at 7 days interval to control the disease.
Brinjal/Tomato	Fruiting	Spray prophenfos @ 1ml/lt of water during clear weather to control shoot and fruit borer in brinjal and fruit borer in tomato. Monitor tomato crop for leaf curl. Remove virus infected plants.
Floriculture		
Chrysanthemum	Mother Stock	Grooming of mother plant is recommended.
Marigold	Seed maturation	Immediate harvesting of seed is recommended.
Summer annuals	Transplanting	Postpone irrigation due to chances of rainfall.
Ornithogalum/	Bulb harvest	Bulb harvesting is recommended.
Button mushroom		
Milky mushroom	Spawn booking	Farmers who are interested in cultivation of milky mushroom may go for booking of spawn for from reliable source.
Horticulture:		
Mango/Citrus/ Guava	Young/ Bearing	Keep the basins free of weeds. Remove tying material from the graft union
Sericulture		
Silkworm crop	Harvested cocoon crop	Keep the bags in wire mesh covered racks to avoid rodent attack till marketing. Keep cocoon bags in well ventilated rooms to avoid dampness.
Apiculture		
		It is the right time to start bee keeping especially for beginners as pollen and nectar are in plenty and bee activity is at its peak. Migrate bee colonies near to floral resources. Prepare colonies for honey flow.
Fisheries		
Carp farming	Advance Fingerlings/ yearlings	Add supplementary feed (mustard oilcake and Rice/Wheat bran) @ 3% of total fish biomass on daily basis. Farmers may go for partial harvesting/sale of marketable size Farmers should go for liming (250-300kg/ha/yr) and manuring applications (10-20tons/ha/yr) at monthly interval in equal doses. Farmers who are going to stock new seeds of fish in next month may go for pre-stocking management practices such as dewatering and sun drying (if possible), liming, manuring etc.
Poultry		
		Chicks should be Provided with starter feed for first 14 days and finisher feed from 15 th day till sale. Give vaccination against IPD & Gumbroo disease to 7 & 14 days chick.



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		Proper hygiene should be maintained in poultry sheds. Adequate clean drinking water should be available all the time..
Live stock: Dairy animals/ Sheep & Goat		Feed colostrum to new born calves within half to one hour. Calcium supplement is recommended in the diet of dairy animals and heifers especially when fed rice straw these days to prevent calcium deficiency and intestinal blockage. Dairy farmers from vaccinate their livestock (cattle, buffaloes, sheep and goats) against FMD disease. Vaccination is done by the Department of Animal Husbandry and Sheep Husbandry, Jammu on subsidized rates.

Ensembled Block Level Forecast for next 5 days (0830 hrs 08th to 12th May, 2024) for district Kathua
Chances of light rainfall at scattered locationson 11th May & 12thMay (0830 hrs)but weather may remain clear in Baggan, Basohli, Bhoond, Billawar, DhanMahanpur, Mahanpur, DingaAmb and Mandliblock.
Duggan may experience light rain at scattered locations in next 5 days.

DATE	BLOCK NAME	Rain mm	Temp. Max °C	Temp. Min °C	RH Morn. (%)	RH Even. (%)	Wind Speed (kmph)	Wind Direction (deg)	Cloud Cover (octa)
08-05-2024	Baggan	0	35.5	21	30	13	12	26	0
09-05-2024	Baggan	0	35.5	20.9	29	12	12	26	0
10-05-2024	Baggan	0	35.8	21	24	12	13	23	0
11-05-2024	Baggan	0	35.8	21.1	27	14	13	26	4
12-05-2024	Baggan	0	36.1	21	30	12	13	25	6
08-05-2024	Bani	0	33.7	19.6	44	24	12	26	0
09-05-2024	Bani	0	34.2	19.6	41	20	12	26	0
10-05-2024	Bani	0	34.4	20	37	21	12	23	0
11-05-2024	Bani	0.6	34.9	19.8	43	21	12	26	5
12-05-2024	Bani	1.3	34.5	19.9	49	21	11	25	7
08-05-2024	Barnoti	0	37.9	22.4	24	9	10	19	0
09-05-2024	Barnoti	0	38.2	22.2	22	10	10	23	0
10-05-2024	Barnoti	0	38.7	21.9	20	9	11	19	0
11-05-2024	Barnoti	0	38	22.7	23	12	11	23	4
12-05-2024	Barnoti	0.6	38.3	22.6	26	10	12	23	6
08-05-2024	Basohli	0	35.5	20.7	27	11	12	26	0
09-05-2024	Basohli	0	35.5	20.6	26	11	12	26	0
10-05-2024	Basohli	0	35.5	20.7	22	11	12	23	0
11-05-2024	Basohli	0	35.4	20.9	25	13	13	23	3
12-05-2024	Basohli	0	35.8	20.8	27	11	13	23	6
08-05-2024	Bhoond	0	34.5	20.3	31	13	11	26	0
09-05-2024	Bhoond	0	34.5	20.2	30	11	12	26	0
10-05-2024	Bhoond	0	34.7	20.5	26	12	12	23	0
11-05-2024	Bhoond	0	34.7	20.4	29	14	12	26	4



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12-05-2024	Bhoond	0	34.8	20.4	32	13	12	25	6
08-05-2024	Billawar	0	35.8	21.1	29	13	12	26	0
09-05-2024	Billawar	0	35.8	21	28	12	12	26	0
10-05-2024	Billawar	0	36.1	21	23	11	13	23	0
11-05-2024	Billawar	0	36	21.2	26	14	13	26	4
12-05-2024	Billawar	0	36.4	21.2	30	12	13	25	6
08-05-2024	Dhar-Mahanpur	0	35.5	20.9	29	12	11	26	0
09-05-2024	Dhar-Mahanpur	0	35.5	20.8	28	11	11	26	0
10-05-2024	Dhar-Mahanpur	0	35.7	20.9	23	11	12	23	0
11-05-2024	Dhar-Mahanpur	0	35.5	21	26	14	12	26	4
12-05-2024	Dhar-Mahanpur	0	35.8	21	30	12	12	25	6
08-05-2024	Dinga-Amb	0	37.3	22.3	25	10	10	23	0
09-05-2024	Dinga-Amb	0	37.7	22	23	11	10	26	0
10-05-2024	Dinga-Amb	0	38.3	21.7	20	10	11	19	0
11-05-2024	Dinga-Amb	0	37.7	22.6	22	12	12	23	4
12-05-2024	Dinga-Amb	0	37.8	22.4	26	10	13	11	6
08-05-2024	Duggan	0.5	32.3	18.5	66	51	9	26	1
09-05-2024	Duggan	0.4	32.8	18.5	62	47	9	26	1
10-05-2024	Duggan	0	33.5	18.9	58	51	9	26	1
11-05-2024	Duggan	4.2	35.7	18.9	64	48	9	26	6
12-05-2024	Duggan	11	35.3	19	75	43	9	25	8
08-05-2024	Hiranagar	0	37.6	22.6	25	10	9	23	0
09-05-2024	Hiranagar	0	38.2	22.3	22	10	9	56	0
10-05-2024	Hiranagar	0	38.7	22.2	20	9	10	19	0
11-05-2024	Hiranagar	0	37.9	23.1	22	12	11	56	5
12-05-2024	Hiranagar	0.3	38.4	22.6	28	10	12	360	6
08-05-2024	Kathua	0	38.2	22.4	23	9	10	30	0
09-05-2024	Kathua	0	38.5	22.3	22	10	10	23	0
10-05-2024	Kathua	0	39.1	22	19	9	11	19	0
11-05-2024	Kathua	0	38.2	22.8	23	11	12	23	4
12-05-2024	Kathua	1.1	38.4	22.6	25	10	12	23	6
08-05-2024	Keerian-Gangyal	0	38.3	22.2	23	9	10	56	0
09-05-2024	Keerian-Gangyal	0	38.4	22.2	22	10	10	64	0
10-05-2024	Keerian-Gangyal	0	38.9	22	19	9	10	45	0
11-05-2024	Keerian-Gangyal	0.1	38.2	22.8	25	12	11	56	4
12-05-2024	Keerian-Gangyal	2.6	38.7	22.3	28	11	11	45	6



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08-05-2024	Lohai-Malhar	0	34.5	20.4	49	26	9	26	0
09-05-2024	Lohai-Malhar	0	35.1	20.3	46	24	9	26	0
10-05-2024	Lohai-Malhar	0	35.3	20.7	40	21	9	23	0
11-05-2024	Lohai-Malhar	0.4	35.7	20.6	44	22	10	26	6
12-05-2024	Lohai-Malhar	2.1	35.9	20.3	55	22	9	25	8
08-05-2024	Mahanpur	0	36.3	21.3	27	11	10	26	0
09-05-2024	Mahanpur	0	36.3	21.1	26	11	10	26	0
10-05-2024	Mahanpur	0	36.4	21.1	21	10	11	23	0
11-05-2024	Mahanpur	0	36.2	21.5	24	14	12	26	4
12-05-2024	Mahanpur	0	36.6	21.5	27	11	12	25	6
08-05-2024	Mandli	0	36.1	21.3	30	13	12	23	0
09-05-2024	Mandli	0	36.4	21	26	12	12	26	0
10-05-2024	Mandli	0	36.3	21	23	11	13	23	0
11-05-2024	Mandli	0	36.4	21.2	25	14	13	26	4
12-05-2024	Mandli	0	36.8	21.3	28	12	13	25	6
08-05-2024	Matheen	0	38	22.7	24	10	9	23	0
09-05-2024	Matheen	0	38.5	22.4	22	10	9	56	0
10-05-2024	Matheen	0	38.9	22.2	20	9	10	23	0
11-05-2024	Matheen	0	38.2	23.2	23	12	11	56	4
12-05-2024	Matheen	0.6	38.7	22.8	27	10	12	68	6
08-05-2024	Nagri	0	38.2	22.4	23	9	10	30	0
09-05-2024	Nagri	0	38.5	22.3	22	10	10	30	0
10-05-2024	Nagri	0	39.1	22	19	9	11	19	0
11-05-2024	Nagri	0	38.2	22.8	23	11	12	30	4
12-05-2024	Nagri	1.2	38.4	22.6	26	10	12	23	6
08-05-2024	Nagrota-Gujroo	0	37.9	22.4	24	9	10	19	0
09-05-2024	Nagrota-Gujroo	0	38.1	22.1	22	10	10	23	0
10-05-2024	Nagrota-Gujroo	0	38.6	21.9	20	9	11	19	0
11-05-2024	Nagrota-Gujroo	0	38	22.7	23	12	11	23	4
12-05-2024	Nagrota-Gujroo	0.6	38.3	22.6	26	10	12	23	6

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