



### 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/24-25/139 - 42

Bulletin No:05/2024-25

Dated:16-04-2024

Phone:0191-2958213

Website: www.skuast.org

Fax: 0191-2263891

### Weather summary of previous 5 days 11<sup>th</sup> to 15<sup>th</sup> April , 2024)

Range of Max. Temperature (°C)	29.0 – 35.6
Range of Min. Temperature (°C)	16.2 – 22.0
Range of Relative Humidity (%)	NA
Rainfall (mm)	1.2

### Ensembled forecast for next 5 days (0830 hrs 17<sup>th</sup> to 21<sup>st</sup> April, 2024)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH Morning (%)	RH Evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Octa)
17-04-24	0	33	19	70	60	1	340	5
18-04-24	0	34	20	70	60	1	11	4
19-04-24	8	32	18	90	70	1	55	8
20-04-24	25	31	17	90	70	1	90	8
21-04-24	3	32	17	90	70	1	85	8

Chances of light to moderate rainfall from 18<sup>th</sup> to 21<sup>st</sup> April 2024. Sky may remain partially cloudy to mainly cloudy for next five days. The Maximum Temperature may range from 31°C to 34°C while the Minimum Temperature may range from 17°C to 20°C. Wind may blow from North Northerly Easterly to North Westerly direction with the speed of about 1 km/hr. The morning relative humidity may range from 70% to 90% and evening relative humidity may range from 60% to 70% during this period

### Weather Forecast Based Agromet Advisories W.E.F 0830 hrs 17<sup>th</sup> to 21<sup>st</sup> April, 2024

Crop	Stage/Cultural Operation	Weather based Agro- advisories
<b>Mustard</b>	Threshing	Postpone threshing of mustard and gob sarson till weather gets clear. Shift threshed crop immediately to safer places/ cover the crop with Tarpaulin. Keep the bundles of harvested crop in stacks and cover them with polythene sheets/ Tarpaulin. Do not let rain water to stagnate in fields.
<b>Wheat</b> Early/ Normal sown	Physiological maturity/Harvesting	Postpone harvesting and threshing till weather remains clear. Already harvested crop, keep the bundles in stacks and cover the harvested crop with polythene sheets/Tarpaulin. Do not let rain water to stagnate in fields.
Late sown	Hard dough	Remove off type plants.
<b>Pulses</b> Summer pulses (moong/mash)	Sowing	Farmers may go for sowing of Mash (var.) Pant U-19, Uttara and Moong (var.) PDM-54, ML-131, ML 818, PS-16, PS-7, after receipt of rain, when soil remains in vattar condition of soil.
Pea (late sown)/lentil/Chick pea	pod maturity/ harvesting/threshing	Postpone harvesting and threshing till weather gets clear. Cover the harvested crop with polythene sheets/ Tarpaulin. Do not let rain water to stagnate in fields under late sown crop.
<b>Vegetables:</b> Tomato	Fruiting	Picking of mature fruits is recommended



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<b>Leafy vegetables</b> Coriander, spinach, methi	Seed harvesting	In order to chance of rains after 3 days under such situation harvesting of seed crop is recommended and shift the harvested crop in safer places/ cover the crop with Tarpaulin.
<b>Cucurbits</b> (Cucumber / bottle gourd/ bittergourd/ pumpkin)	Fruiting	Weeding and proper training of plants is recommended, when soil remains in vattar condition of soil Place cushion of straw under fruits to avoid fruit rot.
<b>Fodder</b> Summer fodder	Sowing	Farmers may go for sowing of summer fodder (maize+cowpea+charri) and bajra after receipt of rain during clear weather.
<b>Floriculture</b> Chrysanthemum	Mother Stock	Do not allow rain water to stagnate in fields. Grooming of mother plant is recommended. Postpone Irrigation.
Marigold	Seed maturation	Immediate harvesting of seed is recommended.
<b>Horticulture:</b> Mango/Citrus/ Guava	Young/ Bearing	Remove water suckers. Keep basin free of weeds after receipt of rains. Postpone chemical plant protection measures till weather gets clear.
Oyster mushroom		Open bags after 15-20 days of spawn run. After opening the bag, maintain room temperature to 22-24°C and RH to 85-90%.
<b>Sericulture</b> Mulberry Bivoltine cocoon crop	Tree plantation Disinfection of rearing halls/ appliances	Farmers may go for second disinfection of rearing appliances either with 2% formalin or 5% bleaching powder solution. Keep the appliances in sun after disinfection.
<b>Apiculture</b>		Reduce the entrance of boxes to protect bees from rain. Provide ample space for newly mated queen for egg laying. It is the right time to start bee keeping especially for the beginners. Artificial feeding of the bee colonies with sugar: water solution 1:1 ratio is recommended.
<b>Poultry</b>		Provide adequate clean drinking water to birds. Give vaccination against Gumbroo disease to 7 & 14 days chick. Avoid hurdling of chicks. Maintain proper hygiene in poultry sheds. Provide starter feed for first 14 days and provide finisher feed from 15 <sup>th</sup> day till sale.
<b>Fisheries (Carp Farming)</b>	Advanced fingerlings /yearlings	Harvesting/sale of marketable size fish is recommended. Dewatering of fish ponds followed by sun drying in order to kill/destroy all unwanted organisms.
<b>Live stock:</b> Dairy animals		Dairy farmers from Jammu districts must vaccinate their livestock (cattle, buffaloes, sheep and goats) against FMD disease. Vaccination is done by the staff of Animal Husbandry and Sheep Husbandry, Jammu. H.S (Gal Ghotu) disease is expected among cattle and buffaloes from district Kathua. Farmers must get animals vaccinated through animal and sheep husbandry against HS disease. Sheep and goats from Jammu and Kathua districts need to be vaccinated against Sheep and Goat pox. Vaccination will be done by the staff of Sheep Husbandry. Farmers are advised to feed rice straw after drying in the air, as Dagnala disease due to feeding of fungus infested rice straw has been reported from Samba district.



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**Ensembled Block Level Forecast for next 5 days (0830 hrs 17<sup>th</sup> to 21<sup>st</sup> April, 2024) for district Kathua**  
**Chances of light rain at isolated places on 11 th of April**

DATE	BLOCK NAME	Rain mm	Temp. Max °C	Temp. Min °C	RH Morn. (%)	RH Even. (%)	Wind Speed (kmph)	Wind Direction (deg)	Cloud Cover (octa)
17-04-2024	Baggan	0	30	14.7	37	19	11	23	4
18-04-2024	Baggan	0	29.9	18.3	32	13	10	26	8
19-04-2024	Baggan	1.9	27.8	16.4	58	21	12	36	6
20-04-2024	Baggan	0.3	27.7	16.5	50	28	13	23	8
21-04-2024	Baggan	0	27.9	16.5	43	26	10	26	6
17-04-2024	Bani	9.2	28.5	13.6	54	31	10	23	5
18-04-2024	Bani	0	29.6	17.2	44	23	9	26	7
19-04-2024	Bani	18.8	25.6	15.7	72	45	9	36	7
20-04-2024	Bani	9.5	25.9	14.8	61	51	11	23	8
21-04-2024	Bani	3	26.3	15.4	62	46	9	30	7
17-04-2024	Barnoti	0	30.5	15.4	33	20	9	19	4
18-04-2024	Barnoti	0	29.9	20	25	14	11	23	8
19-04-2024	Barnoti	3.1	30.1	17.5	50	14	13	56	6
20-04-2024	Barnoti	4	28.8	16.9	54	24	15	45	8
21-04-2024	Barnoti	0.2	29.7	17.9	39	21	9	30	5
17-04-2024	Basohli	0	29.9	13.9	33	15	11	23	4
18-04-2024	Basohli	0	29.3	17.2	28	11	11	23	6
19-04-2024	Basohli	1	28.3	16	47	16	11	23	6
20-04-2024	Basohli	0.2	26.5	15.5	38	25	13	28	7
21-04-2024	Basohli	0	29.3	16.2	36	22	9	23	5
17-04-2024	Bhoond	0	29.3	14	38	17	11	23	4
18-04-2024	Bhoond	0	29.3	17.3	32	12	10	23	7
19-04-2024	Bhoond	1	26.8	16.1	53	21	10	45	6
20-04-2024	Bhoond	0.1	26.2	15.5	42	29	12	25	7
21-04-2024	Bhoond	0	27.9	15.8	43	26	9	25	6
17-04-2024	Billawar	0	30.2	14.8	36	18	11	23	4
18-04-2024	Billawar	0	30	18.5	31	13	10	26	7
19-04-2024	Billawar	1.8	28.2	16.5	56	20	12	36	6
20-04-2024	Billawar	0.4	27.9	16.6	49	27	13	23	8
21-04-2024	Billawar	0	28.2	16.6	42	25	10	26	5
17-04-2024	Dhar-Mahanpur	0	30.1	14.4	35	17	10	23	4
18-04-2024	Dhar-Mahanpur	0	29.6	17.9	30	12	10	26	7



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19-04-2024	Dhar-Mahanpur	1.6	27.8	16.4	54	19	11	45	6
20-04-2024	Dhar-Mahanpur	0.4	27	16.1	45	27	12	25	7
21-04-2024	Dhar-Mahanpur	0	28.4	16.5	41	24	10	30	6
17-04-2024	Dinga-Amb	0	30.4	15.5	32	20	9	19	4
18-04-2024	Dinga-Amb	0	29.9	20	25	15	11	26	8
19-04-2024	Dinga-Amb	1.6	30	17.6	50	15	14	64	6
20-04-2024	Dinga-Amb	2	28.9	17.1	53	24	15	45	8
21-04-2024	Dinga-Amb	0	29.4	17.7	39	21	9	26	4
17-04-2024	Duggan	20.8	27.6	13.2	79	54	8	23	6
18-04-2024	Duggan	0.1	29.3	17.1	69	55	7	34	8
19-04-2024	Duggan	57.6	25.1	15.6	91	77	8	45	8
20-04-2024	Duggan	34.4	25.8	14.7	84	78	9	68	8
21-04-2024	Duggan	14.2	25.5	15.3	84	72	7	30	8
17-04-2024	Hiranagar	20.8	27.6	13.2	79	54	8	23	6
18-04-2024	Hiranagar	0	29.8	20.2	25	15	10	64	8
19-04-2024	Hiranagar	2.5	29.6	17.7	52	14	12	90	6
20-04-2024	Hiranagar	5.2	28.6	16.8	58	25	14	68	8
21-04-2024	Hiranagar	0.2	29.4	17.6	42	22	7	34	4
17-04-2024	Kathua	0	30.6	15.3	33	20	9	19	5
18-04-2024	Kathua	0	29.8	20	24	13	11	23	8
19-04-2024	Kathua	4.3	30.2	17.2	50	14	13	63	6
20-04-2024	Kathua	5.8	28.7	16.6	54	24	15	68	8
21-04-2024	Kathua	0.3	29.8	18.1	39	20	9	25	5
17-04-2024	Keerian-Gangyal	0	30.6	15.1	34	21	9	338	5
18-04-2024	Keerian-Gangyal	0	29.7	19.9	24	13	11	64	8
19-04-2024	Keerian-Gangyal	7.8	30.5	16.8	51	14	12	68	7
20-04-2024	Keerian-Gangyal	8.1	28.4	16.2	57	25	15	68	8
21-04-2024	Keerian-Gangyal	1.9	29.9	17.7	43	21	8	25	5
17-04-2024	Lohai-Malhar	9.3	28.4	13.8	61	37	9	23	6
18-04-2024	Lohai-Malhar	0	29.8	17.8	50	27	7	26	8
19-04-2024	Lohai-Malhar	34.7	24.9	15.6	87	59	9	68	8
20-04-2024	Lohai-Malhar	21.8	25.8	14.7	81	58	10	68	8
21-04-2024	Lohai-Malhar	7.6	25.1	15.2	74	59	8	26	8
17-04-2024	Mahanpur	0	30.6	14.7	33	17	9	23	4
18-04-2024	Mahanpur	0	29.8	18.4	28	12	10	26	7
19-04-2024	Mahanpur	2.1	28.7	16.7	51	17	11	45	6
20-04-2024	Mahanpur	0.7	27.5	16.5	45	25	13	23	7
21-04-2024	Mahanpur	0	29.1	17	38	22	9	30	5



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17-04-2024	Mandli	0	30.3	14.9	35	18	11	23	4
18-04-2024	Mandli	0	30.3	18.8	30	13	10	26	7
19-04-2024	Mandli	0.9	28.8	16.7	54	18	13	45	6
20-04-2024	Mandli	0.6	28.8	16.7	51	25	14	26	8
21-04-2024	Mandli	0	28.6	16.6	42	24	11	26	5
17-04-2024	Matheen	0	30.4	15.5	34	22	8	338	4
18-04-2024	Matheen	0	29.9	20.3	25	14	10	64	8
19-04-2024	Matheen	2.9	29.9	17.7	52	13	13	68	6
20-04-2024	Matheen	5.6	28.7	16.8	58	24	14	68	8
21-04-2024	Matheen	0.3	29.6	17.9	42	22	7	45	5
17-04-2024	Nagri	0	30.6	15.3	33	20	9	19	5
18-04-2024	Nagri	0	29.8	20	24	13	11	23	8
19-04-2024	Nagri	4.5	30.2	17.2	50	14	13	66	6
20-04-2024	Nagri	5.9	28.7	16.6	54	24	15	68	8
21-04-2024	Nagri	0.4	29.8	18.1	39	20	8	25	5
17-04-2024	Nagrota-Gujroo	0	30.6	15.4	33	20	9	19	4
18-04-2024	Nagrota-Gujroo	0	29.9	20	25	14	11	23	8
19-04-2024	Nagrota-Gujroo	3.2	30.1	17.4	50	14	13	58	6
20-04-2024	Nagrota-Gujroo	3.9	28.8	16.9	53	24	15	68	8
21-04-2024	Nagrota-Gujroo	0.2	29.7	18	39	20	9	30	5

**Dr Mahender Singh**  
**I/C Agrometeorology**

**Dr Veena Sharma**  
**Technical Officer**