



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 : JAMMU

No. AUJ/Agromet/GKMS/25-26/1137 - 40

Bulletin No:31/2025-26

Dated:15-07-2025

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Weather summary of previous 5 days (10th to 14th July, 2025)

Range of Max. Temperature (°C)	30.8 – 35.2
Range of Min. Temperature (°C)	23.8 – 26.6
Range of Relative Humidity (%)	56 – 98
Rainfall (mm)	51.2

Ensembled forecast for next 5 days (0830 hrs 16th to 20th July 2025)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH Morning (%)	RH Evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Octa)
16-07-2025	20	34	23	95	60	4	270	3
17-07-2025	10	34	25	95	60	3	270	3
18-07-2025	5	35	25	95	60	4	250	2
19-07-2025	5	35	25	90	60	4	270	5
20-07-2025	5	35	25	90	60	3	250	6

Sky may remain fair to generally cloudy with chances of light to moderate rainfall in next five days. The Maximum Temperature may range from 34°C to 35°C, while the Minimum Temperature may range from 23°C to 25°C. Wind may blow @ 3 to 4 km/h from Westerly direction. The morning relative humidity may remain 90% to 95% and evening relative humidity may remain 60% respectively during this period.

As per Extended Range Forecast (ERF), Rainfall and Minimum as well as Maximum Temperature may remain within normal limits in J&K Subdivision wef 20-07-2025 to 26-07-2025.

Weather Forecast Based Agromet Advisories W.E.F 0830 hrs 16th to 20th July 2025

Crop	Stage/Cultural Operation	Weather based Agro- advisories
Paddy	Nursery raising	Postpone irrigation due to chances of rain.
	Early transplanted	Do not allow transplanted seedlings (especially basmati) to submerge completely in rain water for more than 2 days, it will cause yellowing of plant and eventually death after 10-12 days. Drain out excess rain water from fields maximum after 2 days.
	To be transplanted (Main field)	Due to chances of rain, farmers are advised to strengthen the bunds of paddy field for in- situ storage of rain water and utilize the same for puddling. Transplanting of 20-30 days old rice seedlings having 4-6 leaves (varieties: IET-1410, PC-19, SJR-5, Jaya, Basmati 370 and Ranbir Basmati) is recommended during these days.
Green manure (Daincha) (for Rice crop)	Vegetative	Postpone irrigation due to chances of rainfall. Incorporate dhaincha in paddy field before flowering stage during puddling operation.
Maize	Sowing (late sown)	Farmers may complete late sowing of maize crop (var. Vijay composite, Mansar Composite & JMC-3) after receipt of rain at vattar condition of soil with seed rate of 20-25 kg/ha by the end of this week without any further delay. Treat the seed with Bavistin @ 3g/Kg of seed to manage soil borne diseases.
	Knee high	Do not allow excess rain water to stagnate in fields in already



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		sown maize crop
Kharif pulses Moong/Mash	Sowing	Farmers may go for sowing of Mash (var.:Pant U-19, Uttara) & Moong (var. :SML-668) after receipt of rain at optimum soil moisture/ vattar condition. Inoculate the seed with Rhizobium culture before sowing to get better yield.
	Germination	Do not allow excess rain water to stagnate in fields in already sown pulse crop
Summer Fodder (maize +cowpea+ charri) and bajra	Early vegetative	Postpone irrigation due to chances of rain.
Vegetables: Summer season Cucurbits	Fruiting	Postpone irrigation due to chances of rainfall. Do not allow rain water to stagnate in field Immediate disposal of rain water from fields is recommended. Ensure staking with plastic string to avoid losses from gusty winds and heavy rain. Fruits must be protected from direct contact with soil. Apply cushion material like straw, leaves etc below fruits to prevent them from rotting.
Brinjal	Fruiting	Make arrangements to drain out excess rainwater from the fields. To control shoot and fruit borer, regular hand picking of infested fruits and shoots and their proper disposal is very important . Postpone chemical plant protection measures till weather gets clear.
Okra	Fruiting	Monitor for yellow plants infected with YVMV and bury them. Regular hand picking of infested fruits and shoots and their proper disposal is very important. Postpone chemical plant protection measures till weather gets clear.
Turmeric	Vegetative	Earthing up is recommended. Cover ridges with local grass to protect them (ridges) against rainfall.
Rainy season Okra/ Cucurbits (cucumbr, pumpkin, bitter gourd, bottle gourd, sponge gourd)	Vegetative (rainy season)	Do not allow rain water to stagnate in field in transplanted crop. Thinning for plants is recommended for proper spacing.
Brinjal	Vegetative/ Transplanting	Do not allow excess rain water to stagnate in fields. Transplanting is recommended on ridges where not done yet.
Floriculture: Gladiolus	Harvesting of corms	Harvesting of corms as soon as possible is recommended, if not done yet.
Shrubs/hedges/tree (Ficus,Plumeria, Hamelia, Duranta,	Mother stock	Cutting preparation is recommended. Take 8-10 cm semi hard terminal cutting for propagation.



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Irsesine)		
Chrysanthemum	Propagation	Propagation through cutting is recommended.
Milky mushroom	Spawn run	Spawning of milky mushroom must be completed before 15 of July Casing layer may be applied on the upper surface of Bags of milky mushroom in which spawn run has completed.
Horticulture Mango	Young/Bearing	Postpone irrigation due to chances of rainfall. Remove malformed portion in mango plant Farmer can go for new plantation of fruit plants during these days.
Sericulture Mulberry	Tree plantation	Postpone irrigation due to chances of rainfall. Prune the dead wood. Prepare basin around the mulberry trees.
Cocoon crop	Harvested cocoons	Pack the harvested cocoons in loosely packed muslin cloth bags. The bags should be kept in wire mesh covered racks to avoid rodent attack till sale of the crop.
Apiculture		Protect colonies from rainfall by reducing the entrance of boxes. Ensure water availability near beehives. For protection against ants, put the legs of apiary into water so that ants could not attack the apiary.
Fisheries Carp farming	Fry/ yearlings	Fish Farmers should apply the screen/netting cloth on the outlet/overflows so that fish livestock present in fish pond may not escape out during excessive rain.
Poultry		Maintain Proper ventilation must in poultry house. Spread clean litter material uniformly in the poultry house at thickness of 2-3 inches. Vaccinate chicks against new castle disease and gumbroo disease.
Live stock: Dairy animals/ Sheep & Goat		Vaccinate Livestock against FMD. Provide adequate water and electrolyte supply (at least 4-5 times a day) to livestock so that they withstand hot condition. Dairy animals should be supplemented with dicalcium phosphate @ 60-80mg/day so as maintain milk yield and health status. Deworming of all livestock needs to be done against helminthes with clostanel/ fenbendazole regularly over 3 months. Sheep and goat supplemented with high protein diet as to acclimatize with hot condition.

Ensembled Block Level Forecast for next 5 days (0830 hrs 16th to 20th July 2025) for district Jammu .
 Chances of light rainfall in Bhalwal, Akhnoor & Chowki Chaura Blocks in next 5 days.
 Rest of the blocks may experience light to moderate rainfall 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)
16-07-2025	Akhnoor	11.2	33.9	25.9	70.4	48	3.1	54.4	4
17-07-2025	Akhnoor	10.2	32.8	25.9	79	55.5	5.8	82.9	6



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18-07-2025	Akhnoor	15.4	32.2	26.1	80.3	57.7	3.4	71.6	7
19-07-2025	Akhnoor	10.2	31.8	25.4	81.4	62.3	3.1	45	7
20-07-2025	Akhnoor	3.4	33.4	26.5	76.9	57.1	1.9	21.8	6
16-07-2025	Arnia	15	36.1	27.9	72.3	44.5	5.5	78.7	5
17-07-2025	Arnia	7.8	34.5	27.9	72.9	51.7	12.4	98.4	7
18-07-2025	Arnia	16.2	34.2	27.9	73.9	51.4	10.5	93.9	7
19-07-2025	Arnia	8	33.9	27.6	76	57	6.7	105.5	6
20-07-2025	Arnia	3.9	35.4	27.7	77.5	53.4	2.9	360	6
16-07-2025	Bhalwal	12.6	33.5	25.5	71	48.3	2.6	56.3	4
17-07-2025	Bhalwal	10.1	32.5	25.6	79.6	56	5.2	77.9	6
18-07-2025	Bhalwal	14.1	32	25.8	80.6	58.3	3	76	7
19-07-2025	Bhalwal	10	31.5	25.2	81.8	62.6	2.8	50.2	7
20-07-2025	Bhalwal	2.2	33.1	26.2	77.5	57.8	1.9	21.8	6
16-07-2025	Bhalwal-Brahmana	10.3	34	26.1	70.2	48.9	3.9	68.2	4
17-07-2025	Bhalwal-Brahmana	16	32.9	26	80.4	55.3	7.6	81.9	6
18-07-2025	Bhalwal-Brahmana	23.2	32.2	26	81.3	57.8	6.3	76.8	7
19-07-2025	Bhalwal-Brahmana	11.5	31.9	25.5	80.6	62.8	3.1	45	7
20-07-2025	Bhalwal-Brahmana	5.6	33.6	26.2	78.2	56.6	2.4	26.5	6
16-07-2025	Bishnah	14.8	36	27.7	71.6	43.7	4.9	72.9	4
17-07-2025	Bishnah	9.1	34.7	27.7	74	51	10.4	360	6
18-07-2025	Bishnah	15.7	34.4	28.1	73.5	51.1	8.3	87.5	7
19-07-2025	Bishnah	8	33.8	27.2	76	56.5	5.1	94.1	6
20-07-2025	Bishnah	4.8	35.2	27.8	74.8	52.9	2.4	63.4	6
16-07-2025	Chowki-Choura	11.2	33.9	25.9	70.4	48.1	3.1	54.4	4
17-07-2025	Chowki-Choura	10.2	32.8	25.9	79	55.5	5.8	82.9	6
18-07-2025	Chowki-Choura	15.4	32.2	26.1	80.3	57.6	3.4	71.6	7
19-07-2025	Chowki-Choura	10.2	31.8	25.4	81.3	62.3	3.1	45	7
20-07-2025	Chowki-Choura	3.4	33.4	26.5	77.2	57.2	1.9	21.8	6
16-07-2025	Dansal	18.8	31.2	23.8	71.9	52.6	2.8	50.2	4
17-07-2025	Dansal	11.7	30	23.9	81.6	61.5	4	79.7	6
18-07-2025	Dansal	16.2	29.5	23.8	83.3	63.6	1.5	45	7
19-07-2025	Dansal	10	29.2	23.2	85.1	67.4	3.8	48.8	7
20-07-2025	Dansal	1.4	30.9	24.4	80.2	61.4	1.8	36.8	7
16-07-2025	Kharah-Balli	10.6	34	26.1	70.3	48.9	4.2	70	4
17-07-2025	Kharah-Balli	21.9	32.9	25.9	81	55.5	8	79.7	7
18-07-2025	Kharah-Balli	28.9	32.1	25.9	81.9	58.3	7	78.1	7
19-07-2025	Kharah-Balli	13.4	31.8	25.5	81.2	63.7	3.6	45	7
20-07-2025	Kharah-Balli	7.3	33.5	26.1	78.8	56.9	2.6	33.7	6
16-07-2025	Khour	15.5	36	27.7	72.1	43.8	5.2	74	5
17-07-2025	Khour	9	34.7	27.7	74	51.2	10.4	92	6
18-07-2025	Khour	15.6	34.4	28.1	73.7	51.2	8.6	360	7
19-07-2025	Khour	8	33.8	27.2	76.3	56.7	5.1	98.1	6
20-07-2025	Khour	4.1	35.2	27.8	75.2	53	2.7	66.8	6



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16-07-2025	Maira-Mandrian	13.1	35.9	27.7	71.2	45	5.5	66.8	5
17-07-2025	Maira-Mandrian	7.6	34.6	27.4	77.3	51.3	10.3	77.9	7
18-07-2025	Maira-Mandrian	25	34.1	27.9	76	52.4	9.7	85.8	7
19-07-2025	Maira-Mandrian	11.6	33.5	27.1	77.9	59	4.6	71.6	7
20-07-2025	Maira-Mandrian	3.9	35	27.2	78.8	54.1	3.4	58	6
16-07-2025	Mandal-Phallain	13.3	36.1	27.7	72.1	43.9	4.9	72.9	5
17-07-2025	Mandal-Phallain	9.1	34.8	27.7	74.3	51.1	10.8	360	6
18-07-2025	Mandal-Phallain	17.6	34.4	28.1	74.8	51.3	8.7	85.2	7
19-07-2025	Mandal-Phallain	9.7	33.8	27.2	76.9	57.2	5	360	6
20-07-2025	Mandal-Phallain	4.6	35.2	27.7	76.3	53.4	2.9	60.2	6
16-07-2025	Marh	10.2	35.6	27.2	70	43.8	4.7	57.5	4
17-07-2025	Marh	9.7	34.4	27.4	74.3	51.2	9	87.7	6
18-07-2025	Marh	16.3	34.1	27.7	74.3	51.5	6.9	81	7
19-07-2025	Marh	9.5	33.2	27	76.3	57.3	4.3	85.2	6
20-07-2025	Marh	3.9	34.8	27.2	74.8	53.5	2.8	50.2	6
16-07-2025	Mathwar	12.1	36	27.7	71.6	43.7	4.6	71.6	4
17-07-2025	Mathwar	9	34.7	27.7	74	51	10.1	92	6
18-07-2025	Mathwar	16.1	34.4	28	74	51.1	8	84.8	7
19-07-2025	Mathwar	9.1	33.8	27.2	75.9	56.5	4.7	94.4	6
20-07-2025	Mathwar	5.2	35.2	27.7	74.9	52.9	2.6	56.3	6
16-07-2025	Miran-Sahib	13.4	36	27.7	71.4	43.6	4.9	72.9	4
17-07-2025	Miran-Sahib	8.9	34.7	27.7	73.6	50.9	10.1	360	6
18-07-2025	Miran-Sahib	16.2	34.4	28	73.6	51	7.9	87.4	7
19-07-2025	Miran-Sahib	8.6	33.8	27.2	75.8	56.4	4.7	94.4	6
20-07-2025	Miran-Sahib	5	35.2	27.7	74.6	52.8	2.4	63.4	6
16-07-2025	Nagrota	12	35.1	26.8	70.6	44.1	4.4	55	4
17-07-2025	Nagrota	8.8	34	27	75	51.7	8.3	360	6
18-07-2025	Nagrota	15.4	33.7	27.2	75	52.1	6.2	83.3	7
19-07-2025	Nagrota	8	33	26.7	76.6	57.4	4	84.8	6
20-07-2025	Nagrota	2.4	34.4	27	75	54	2.3	51.3	6
16-07-2025	Pragwal	12.6	35.8	27.7	71.5	45	5.5	66.8	5
17-07-2025	Pragwal	7.7	34.6	27.4	77.2	51.3	10	77.5	7
18-07-2025	Pragwal	25.1	34.1	27.9	75.7	52.1	9.4	85.6	7
19-07-2025	Pragwal	11.1	33.6	27.2	77.4	58.4	4.5	76	7
20-07-2025	Pragwal	5	34.9	27.2	78	54	3.1	54.4	6
16-07-2025	R.S.Pura	12.1	36	27.7	71.6	43.7	4.9	72.9	4
17-07-2025	R.S.Pura	9	34.7	27.7	74	51	10.1	360	6
18-07-2025	R.S.Pura	16.1	34.4	28	74	51.1	7.9	87.4	7
19-07-2025	R.S.Pura	9.1	33.8	27.2	75.9	56.5	4.7	94.4	6
20-07-2025	R.S.Pura	5.2	35.2	27.7	74.9	52.9	2.4	63.4	6
16-07-2025	Samwan	12.1	36	27.7	71.6	43.7	4.6	71.6	4
17-07-2025	Samwan	9	34.7	27.7	74	51	10.1	92	6
18-07-2025	Samwan	16.1	34.4	28	74	51.1	8	84.8	7
19-07-2025	Samwan	9.1	33.8	27.2	75.9	56.5	4.7	94.4	6



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20-07-2025	Samwan	5.2	35.2	27.7	74.9	52.9	2.6	56.3	6
16-07-2025	Satwari	12.1	36	27.7	71.6	43.7	4.9	72.9	4
17-07-2025	Satwari	9	34.7	27.7	74	51	10.1	360	6
18-07-2025	Satwari	16.1	34.4	28	74	51.1	7.9	87.4	7
19-07-2025	Satwari	9.1	33.8	27.2	75.9	56.5	4.7	94.4	6
20-07-2025	Satwari	5.2	35.2	27.7	74.9	52.9	2.4	63.4	6
16-07-2025	Suchetgarh	12.1	36	27.7	71.6	43.7	4.9	72.9	4
17-07-2025	Suchetgarh	9	34.7	27.7	74	51	10.1	360	6
18-07-2025	Suchetgarh	16.1	34.4	28	74	51.1	7.9	87.4	7
19-07-2025	Suchetgarh	9.1	33.8	27.2	75.9	56.5	4.7	94.4	6
20-07-2025	Suchetgarh	5.2	35.2	27.7	74.9	52.9	2.4	63.4	6

*** Postpone fertilizers and plant protection measures for next 5 days due to chances of rainfall.Dr**

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Dr Veena Sharma
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