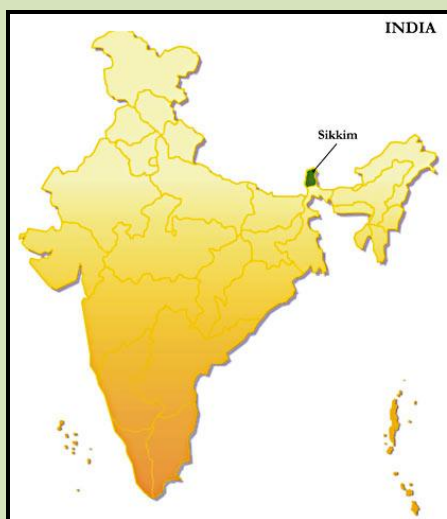




STATE COMPOSITE AGRO-MET ADVISORY BULLETIN FOR THE STATE OF SIKKIM PERIOD: 29th JULY-31st JULY"2014



IMD, GANGTOK IN COLLABORATION WITH ICAR, GANGTOK, FSAD AND HCCD, GANGTOK



ISSUED ON TUESDAY 29th July 2014 BY

Meteorological Sub-division of Sikkim

As per India Meteorological Department's classification, Sikkim is a part of Met Sub-Division of Sub Himalayan West Bengal & Sikkim (SHWB & SKM) and is divided into four (4) Districts:

- 1) North District with HQ at Mangan
- 2) East District with HQ at Gangtok
- 3) West District with HQ at Gyalsing
- 4) South District with HQ at Namchi

Part I: Weather

Significant Past Weather in different districts during the period 25/07/14 TO 28/07/14

Weather Forecast for different districts for the period 29/07/14 to 02/08/14

North Sikkim

Mangan (AWS)

North Sikkim

Date	Rainfall (mm)	Max. Temp (°C)	Min. Temp (°C)	<ul style="list-style-type: none"> Generally Cloudy sky during the period 29th July to 2nd August is expected. Moderate rain is expected during the period 29th July to 2nd August. Wind from south-easterly to southerly with an average speed of 2-3 km/hr is expected. Maximum and minimum temperatures are expected to be around 30-31°C and 20°C respectively. Maximum and minimum relative humidity are expected to be 89-95% and 75-82% respectively.
25-07-2014	039.0	30.3	19.2	
26-07-2014	019.0	29.8	19.4	
27-07-2014	009.0	30.8	19.4	
28-07-2014	001.0	31.7	19.1	

East Sikkim

Gangtok

East Sikkim

Date	Rainfall (mm)	Max. Temp (°C)	Min. Temp (°C)	<ul style="list-style-type: none"> Generally Cloudy sky during the period 29th July to 2nd August is expected. Moderate rain is expected during the period 25th July to 29th July. Wind from easterly to southeasterly with an average speed of 1-2km/hr is expected. Maximum and minimum temperatures are expected to be around 23-24°C and 18°C respectively. Maximum and minimum relative humidity are expected to be 88-95% and 68-88% respectively.
25-07-2014	039.0	030.3	019.2	
26-07-2014	019.0	029.8	019.4	
27-07-2014	009.0	030.8	019.4	
28-07-2014	001.0	031.7	019.1	

Significant Past Weather in different districts during the period 25/07/14 TO 28/07/14	Weather Forecast for different districts for the period 29/07/14 to 02/08/14
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South Sikkim

Namthang				South Sikkim
Date	Rainfall (mm)	Max. Temp (°C)	Min. Temp (°C)	<ul style="list-style-type: none"> Generally Cloudy sky during the period 29th July to 2nd August is expected. Light to moderate rain is expected during the period 29th July to 2nd August. Wind from easterly to southeasterly with an average speed of 2-3 km/hr is expected. Maximum and minimum temperatures are expected to be around 27-29°C and 20-22°C respectively. Maximum and minimum relative humidity are expected to be 87-95% and 69-75% respectively.
25-07-2014	001.3	26	22	
26-07-2014	001.9	28.8	23.5	
27-07-2014	004.0	29.5	23	
28-07-2014	001.4	27	24	

West Sikkim

Gyalshing				West Sikkim
Date	Rainfall (mm)	Max. Temp (°C)	Min. Temp (°C)	<ul style="list-style-type: none"> Generally Cloudy sky during the period 29th July to 2nd August is expected. Moderate rain is expected during the period 29th July to 2nd August. Wind from easterly to south easterly with an average speed of 2-3 km/hr is expected. Maximum and minimum temperatures are expected to be around 26-27°C and 18°C respectively. Maximum and minimum relative humidity are expected to be 91-94% and 71-76% respectively.
25-07-2014	011.0	017.7	026.0	
26-07-2014	006.0	017.4	027.3	
27-07-2014	009.0	017.7	026.9	
28-07-2014	005.0	016.7	026.8	

Part II

AGRO-METEREOLOGICAL ADVISORIES

<i>NAME OF THE CROP/ ANIMAL</i>	<i>STAGE</i>	<i>PEST/ DISEASE</i>	<i>AGRO-MET ADVISORIES</i>
Crops			
Soybean			✳ Finish Soybean sowing this week
Urdbean			✳ Urd bean sowing can be done on prepared plots
Upland rice	Seedling		✳ Conserve water by repairing bunds Weeding and thinning should be done
Transplanted rice	Tillering	In rice the infestation of whorl maggot may occur.	<ul style="list-style-type: none"> ✳ One spray of Neem based formulation 1500 ppm @ 3 ml/l is advisable to manage the pest problem. ✳ Conserve rain water in the rice field for good yield. ✳ Thinning and gap filling should be completed as earliest. ✳ Weeding and in-situ mulching of weeds should be practiced to conserve the soil moisture ✳ Clean bunds from weeds and repair to conserve water in the field
Soybean	Vegetative		<ul style="list-style-type: none"> ✳ Hand weeding should be done. ✳ Thing should be completed to maintain the proper plant population
Pahenlo dal (urd bean)	Sowing		✳ Sow seeds in ridge and furrow
Water harvesting			✳ Conserve rain water by used of mulching materials, digging of ponds, Jalkund etc.

Maize	Grain maturity/ harvesting		✳ Harvest mature cobs and sundry. After proper drying, store grains/ seeds in well ventilated godowns.
Rice bean	Transplanting/ vegetative		✳ Transplanting should be done on ridges to avoid the excess moisture damage
Blackgram	Sowing		✳ Sowing should be completed as earliest.
Large cardamom		Occurrences of shoot fly and stem borer in large cardamom.	✳ One spray of Neem based formulation 1500 ppm @ 3 ml/l is advisable to manage the pest problem.
Okra	Flowering and Fruiting	Blister Beetle	✳ Manually collect the beetle and buried in soil away from the main field ✳ Weeding should be done
Cucurbits	Fruiting		✳ Harvest mature fruits before rain
Dalley Chilli	Flowering and Fruiting		✳ Field should be cleaned and weed free
Sikkim Mandarin	Fruit growth		✳ Basin of plants should be cleaned

Animal Science

Poultry	High humidity and less sunlight hour may favors coccidiosis in poultry	Racking/frequent turning of bedding materials along with liming of the bedding materials	✳ Coccidiostate should be mixed in drinking water of poultry
Yak , Cattle and Tibetan Sheep	Plenty of green pasture available on grazing field	There may be chances of bloat	✳ Drench edible oil about 150 ml to Yak and cattle and 25-30 ml to Sheep and also offer salt to all animals