

TOCKLAI EXPERIMENTAL STATION
TEA RESEARCH ASSOCIATION
JORHAT 785 008, ASSAM

MONTHLY BULLETIN

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The following is the summary of Crop, weather, Pest and disease in different regions of N.E. India during the month under review.

Region: UPPER ASSAM

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Dibrugarh	+ 0.50	+ 5.50	22	3	27	15
Panitola	+ 0.79	+ 8.45	62	5	29	16
Tingrai	- 8.13	+ 3.15	36	3	27	15
Doomdooma	- 1.28	+ 2.78	68	4	27	15
Mergherita	- 0.80	+ 4.57	61	4	30	15
Naharkatia	+ 4.61	+ 12.20	48	5	28	16
Moran	- 7.19	+ 6.32	29	5	30	16

Remarks:

Crop during the period under review remained behind in all the sub areas except Naharkatia as compared to last year. Todate crop in Upper Assam was ahead by 6.13% and in case of Naharkatia and Panitola circle it remained substantially ahead. Rainfall during the period under review was more than the last year. Temperature in terms of both maximum and minimum was almost at par with the long term average. No major outbreak of tea pests was reported.

Region: SOUTH BANK

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Jorhat	- 3.97	+ 0.71	20	4	29	16
Golaghat	- 3.91	- 4.69	8	2	28	15
Sonari-Nazira	+ 2.65	+ 13.07	41	5	26	17

Remarks

Crop during the month in Jorhat and Golaghat sub areas remained behind while in Sonari Nazira area it remained ahead by 2.65%. In respect of todote crop Jorhat and Sonari Nazira remained ahead in comparison to last year's corresponding period while in Golaghat sub area remained behind. During the month rainfall was deficit to normal in Jorhat and Golaghat whereas in Sonari Nazira rainfall was higher. Both maximum and minimum temperature remained a couple of degree higher in all the sub areas. In pest front except sporadic infestation of Helopeltis other pests and diseases remained under control.

Region: NORTH BANK

Sub Area	Crop position (% + / -)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Nowgaon	At par	- 11.00	8	1	27	14
Tezpur	+ 5.00	- 3.00	6	1	27	13
Biswanath	+ 4.00	+ 3.00	7	1	27	15
N. Lakhimpur	+ 4.00	+ 7.00	15	2	26	14
Borsola	+ 2.00	- 13.00	6	1	27	15
Mangaldoi	+ 3.00	- 9.00	7	1	26	14
Nalbari	+ 4.00	At par	6	1	27	14

Remarks:

The crop during the month remained marginally higher or at par in all the sub areas. However, in todate crop except Biswanath and North Lakhimpur estates other sub areas remained behind. Rainfall received by all the sub areas during the month remained substantially lower than corresponding period of last year. Temperature as maximum and minimum remained higher by 2.3°C during the month. This definitely has been causing a drought like situation which may in due course likely to adversely affect general health of tea bushes in absence of rain. Infestation of Looper has been reported from Mangaldoi and Borsola sub areas. The other tea pests remained under control.

Region: CACHAR

Sub Area	Crop position (% + / -)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Happy Valley	+ 3.00	- 2.00	52	3	29	19
Chutlabheel	+ 7.80	+ 3.20	61	3	35	24
North Cachar	+ 49.50	+ 8.30	30	3	32	20
Hailakandi	+ 16.10	- 0.90	36	4	32	16
Longai & Karimganj	- 2.90	+ 7.30	18	2	35	16

Remarks:

During the period under review the weather condition remained favourable as compared to the last season. An effective rainfall was received by all sub areas for which stress condition was not observed. Except Hailakandi and Longai & Karimganj sub areas crop production in all other sub areas was comparatively ahead for the month. Todate crop production of the valley was slightly ahead as compared to the corresponding period of last season. In the pest front mild to moderate level incidence of Helopeltis, Termite, Black rot etc. has been reported from many sub areas.

Region: TERAI

Sub Area	Crop position (% + / -)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
North Terai	- 24.70	- 14.93	0	0	28	19
South Terai	- 7.54	- 11.79	2	1	29	14
West Terai	- 27.68	- 16.22	1	1	29	16

Remarks:

On an average all the sub areas in Terai harvested less crop in the month of November in comparison to the corresponding period of last year. Cumulative production was also remained behind in all sub areas compared to last year. The rainfall received in all the sub areas remained substantially lower than normal while the temperature remained normal. Such a situation was unfavourable for crop. As regards to insect pest, infestation of Helopeltis and Looper caterpillar was reported from gardens of all the sub areas.

Region: Darjeeling

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Darjeeling West	- 15.00	NA	0	0	24	14
Darjeeling East	+ 8.00	NA	0	0	20	13
Teesta Valley	+ 16.00	NA	0	0	23	13
RungBung Valley	+ 18.00	NA	0	0	23	12
Kurseong	- 17.00	NA	0	0	24	13
Mirik Valley	+ 8.00	NA	0	0	24	13

Remarks:

Crop during the month remained ahead in all the sub area estates except in Kurseong and Darjeeling West. None of the sub areas received rainfall during the month as against normal rainfall of 32mm. The temperature in terms of both maximum and minimum remained higher than normal during the month. This early dry spell is likely to induce drought in the remaining period. Sporadic incidence of Helopeltis, Red spider has been reported from estates of all the sub areas.

Region: Dooars

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Damdin	- 21.53	- 10.81	13	2	28	15
Chulsa	- 8.96	- 10.07	12	2	29	16
Nagrakata	- 22.73	- 10.58	4	2	27	14
Binnaguri	- 11.76	- 4.89	0	0	27	15
Dalgaon	- 6.16	+ 6.68	0	0	28	14
Kalchini	+ 5.79	+ 10.36	3	1	27	14
Jainti	- 0.29	+ 0.45	0	0	27	17
Goalpara (Assam)	+ 20.75	+ 4.38	0	0	27	20

Remarks:

The crop during the month was behind in all the sub areas as compared to that of the same month of last year except Kalchini and Goalpara. In todate crop except Dalgaon, Kalchini, Jainti and Goalpara the remaining sub areas remained behind. The rainfall received in all the sub areas was less than last year. Temperature was normal. Deficit of rainfall may be one of the crop limiting factors during the month. Looper caterpillar has been active with a fresh brood along with Red slug and Helopeltis.

(Issued by Chief Advisory Officer, Tocklai)