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## College News and Notes.

**Students' Corner: Hockey.** The match in connection with the Inter-collegiate Tournament which ended in a draw on the 15-10-'37, was replayed on 19-11-'37 with the local Government college. Our college won the same by 10 goals to nil.

The next match of the above Tournament was played on 27-11-'37 with the Maharajah's College, Ernakulam, in which our college was defeated by 0 to 3 goals.

**Volley ball.** A friendly match was arranged on 17-12-'37 between our college and the Y. M. C. A., Coimbatore, on the college grounds. The latter won the match.

**Our New Patron.** We are glad to announce that Sri Ramachandra Ananga Bhima Dev, Kesari Gajapathy, Rajah Saheb of Bodokhemidi, Berhampore, Ganjam, has graciously become a patron of our Union.

**Our members.** We are glad to learn that Rao Bahadur M. R. Ramaswami Sivan has been chosen as one of the representatives of the Universities on the crops and soils wing of the Board of Agriculture in India.

Rao Bahadur T. S. Venkataraman, C. I. E., Imperial Sugarcane Expert, has been elected as Honorary member of the South African Sugar Technologists' Association. We are very glad to hear that he is the only one elected to that honour outside South Africa.

**Madras Agricultural Sub. Service.** We note from the Fort St. George Gazette, dated 30th November 1937, that 8 temporary posts (for 1 year) have been sanctioned, for the performance of work in co-operative societies or union of such societies of sugarcane growers.

**Visitors.** Mr. P. H. Rama Reddy, M. A., I. A. S., Director of Agriculture, Madras, visited the College and Research Institute on the 14th November.

Mr. T. G. Rama Iyer, Director of Agriculture, Mysore, visited the Research Institute and Breeding Stations on the 27th and 28th November 1937. He stayed with Rao Bahadur T. S. Venkataraman, C. I. E., Government Sugarcane Expert, at the Imperial Cane Breeding Station.

Mr. A. B. H. Koorshid, B. A., M. S., Economic Botanist, Hyderabad, visited the Research Institute and Breeding Stations about the middle of the month.

**Estate activities.** Some of the officers in the Estate performed Maha Abhishekham and Santharpanai at the Marudha Malai temple on Sunday the 12th December 1937.

The Dhanurmas Bhajana was started in right earnest on the 15th of December.

**Hosur Cattle Farm Labourers' Club.** The opening ceremony of the Hosur Cattle Farm Labourers' Club located at the old cricket Pavilion was performed by the Director of Agriculture on the 27th October 1937.



# Weather Review—NOVEMBER 1937.

## RAINFALL DATA

Division	Station	Actual for month	Departure from normal @	Total since January 1st	Division	Station	Actual for month	Departure from normal @	Total since January 1st
Circars	Gopalpore	0.1	-3.9	41.5	South	Negapatam	25.8	+8.1	51.8
	Calingapatam	...	-3.9	29.7		Aduthurai *	23.9	+13.9	46.0
	Vizagapatam	...	-3.8	28.9		Madura	7.5	+2.5	22.4
	Anakapalli *	0.3	-3.6	40.2		Pamban	15.2	+3.2	40.5
	Samalkota *	...	-3.5	35.9		Koilpatti *	7.9	+1.3	23.5
	Maruteru *	...	-3.5	33.8		Palamkottah	7.8	+0.4	24.1
	Cocanada	0.2	-5.2	40.4					
	Masulipatam	1.1	-4.6	34.8					
	Guntur *	0.1	-3.5	32.3					
Ceded Dists.	Kurnool	...	-1.1	22.1	West Coast	Trivandrum	7.8	+1.2	58.3
	Nandyal *	...	-1.6	19.0		Cochin	6.1	-0.4	124.7
	Hagari *	0.1	-1.5	15.7		Calicut	4.0	-1.4	125.7
	Bellary	...	-2.2	15.0		Pattambi *	3.2	-0.8	89.9
	Anantapur	0.5	-2.3	31.3		Taliparamba *	...	...	...
	Rentachintala	...	...	32.1		Kasargode *	1.7	-1.6	169.0
	Cuddapah	4.1	+0.5	25.4		Nileshwar *	0.4	-2.8	150.5
	Anantharajupet *	12.8	-0.4	42.3		Mangalore	0.4	-2.7	141.9
Carnatic	Nellore	17.7	+6.5	66.2	Mysore and Coorg	Chitaldrug	...	-2.3	17.4
	Madras	4.6	-9.7	34.1		Bangalore	1.6	-1.3	30.8
	Palur *	...	...	...		Mysore	2.3	-0.2	40.2
	Tindivanam *	26.0	+15.0	54.8		Mercara	1.7	-1.5	117.4
	Cuddalore	29.4	+14.3	52.2					
Central	Vellore	15.6	+8.7	48.9	Hills	Kodaikanal	10.5	+2.3	65.0
	Salem	3.5	-0.2	27.9		Coonoor	0.4	...	56.3
	Hosur *	...	...	...		Ootacamund *	7.5	+2.7	56.1
	Coimbatore	7.1	+3.3	24.8		Nanjanad *	3.5	-0.3	47.4
	Coimbatore	...	...	...					
	A. C. & R. I. *	2.9	-1.6	20.9					
	Trichinopoly	7.0	+1.4	39.8					

\* Meteorological Stations of the Madras Agricultural Department.

@ From average rainfall for the month calculated upto 1935 published in Fort St. George Gazette.

During the month five troughs of low pressure were recorded and of these three were formed in the Southwest Bay of Bengal, on 9th, 14th, and 28th, while the other two were formed in the Arabian Sea on 4th, and 16th. The depression which formed on 14th in the southwest Bay of Bengal, caused widespread rain with locally heavy falls in southeast Madras and local rain in Malabar, Mysore and the Madras Deccan, with a few falls in the North Madras Coast. The trough of low pressure, which appeared on 4th to the west of Ceylon moved northwards into the Central Arabian Sea on 7th and later moved in a westerly direction, while that formed on 16th extended over the east Arabian Sea and became less important on 18th.

Throughout the month, the monsoon was active in the South of Bay of Bengal, Southeast Arabian Sea and in the neighbourhood of Ceylon. It caused widespread and local thundershowers in the southern half of the peninsula.

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Local and general rains were not uncommon in southeast Madras, Mysore, Malabar, and North Madras Coast during the month.

Rainfall was in large defect in Circars, Ceded Districts, Mysore and Coorg, while it was markedly in excess in other stations of the Presidency.

*Chief falls.*

Madras	5.7" on 16th.
Nellore	3.7" " 18th.
Cuddalore	9.3" " 14th.
Vellore	9.2" " 16th.
Negapatam	4.8" " 3rd
Cochin	3.1" " 19th
Anantharajupet.	3.9" " 15th.
Tindivanam	8.7" "
Aduthurai	5.1" "

*Special falls of heavy rainfall.*

Vanoor	9.7" on 15th.
Portonova	8.1" " "
Tindivanam	7.7" " "
Panruti	7.7" " "
Villupuram	6.8" " "
Chidambaram	6.8" " "
Ulundurpet	6.0" " "
Tirupattur	5.5" " "
Jeyankondan Solapuram	8.1" "
Peraiyur	5.7" " 14th.
Tirupattur (Madura)	5.4" " 20th.
Pechipara	6.0" " 16th.

**Weather Report for the Research Institute Observatory :**

## Report No. 11/37.

Absolute Maximum in shade	88.0°F.
Absolute minimum in shade	62.0°F.
Mean maximum	82.2°F.
Departure from normal	-2.5°F.
Mean minimum	69.0°F.
Departure from normal	+0.3°F.
Total rainfall	2.91".
Departure from normal	-1.62".
Heaviest fall in 24 hours	0.78" recorded on 5th.
Total No. of rainy days	9 days.
Mean daily wind velocity	0.40 M. P. H.
Mean Humidity	81.4%.
Departure from normal	+0.1.

**Summary.** The monsoon was fairly active and rains occurred mostly during the first and third week. Rainfall was in large defect and the heaviest fall of 0.78" was recorded on 5th. The mean maximum was below normal by 2.5°F. while the mean minimum and humidity were almost normal. The skies were moderately to heavily clouded.

P. V. R. & P. G.

**Errata** (Total rainfall from January 1st, 1937, for Coimbatore, A. C. R. I., in the report No. 10/37 should be corrected as 18.0" instead of 15.9").

37.

Departure from normal @	Total since January 1st
+8.1	51.8
+13.9	46.0
+2.5	22.4
+3.2	40.5
+1.3	23.5
+0.4	24.1
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+1.2	58.3
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# Departmental Notifications.

## 1. Transfers.

Name of officer.	From	To
Mr. M. K. Swaminatha Ayyar	F. M. Coimbatore	A. D. Dindigul.
" D. C. Hanumantha Rao	A. D. Tenali	A. D. Gannavaram.
" G. L. Narasimha Rao	A. D. Gannavaram	A. D. Kovur.
" K. Raman Menon	F. M. A. R. S. Nanjanad	A. D. Coonoor.
" M. Kandaswami	A. D. Avanashi	F. M. A. R. S. Nanjanad.
" K. H. Subramania Iyer	A. D. Kugalur	A. D. Avanashi.
" C. S. Sankaranarayana Iyer	A. D. Coimbatore	A. D. Kugalur.
" P. K. Parameswara Menon	A. D. Namakkal	A. D. Dharmapuri.

## 2. Leave.

Name of officer.	Period of leave.
Mr. N. Srinivasa Rao, A. D. Hosur	L. a. p. for 2 months and 20 days from 11-12-'37.
" M. Rayappa Pillai, Asst. in Paddy, A. R. S. Pattambi	L. a. p. for 2 months from 18-11-'37.
" B. Shiva Rao, A. D. Vizagapatam	L. a. p. for 2½ months from 3-1-'38.
" K. M. Krishna Menon, Asst. in Chemistry Section	L. a. p. from 1-12-'37 to 23-12-'37.

## A. B.

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## ADDITIONS TO THE LIBRARY, NOVEMBER 1937.

### A. Books.

1. *Report of the Work of the I. C. A. R. in applying Science to Crop Production.* Russell, J. (1937).
2. *Report on the Development of the Cattle and Dairy Industries of India.* Wright, W. C. (1937).
3. *Economics of Agriculture.* Van Der Post, A. P. (1937).
4. *Indian Agricultural Economics.* Patel, A. D. (1937).
5. *Bio-Chemistry applied to Malting and Brewing.* Hopkins, R. H. and Crause, C. B. (1937).
6. *Indian Vegetable Oils (Indian Industrial Res. Bull. 10).* Brodie, N. (1937).
7. *Methods of Chemical Control for Cane Sugar Factories and Gur Refineries.* Indian Sugar Tech. Assn. Pubn. (1937).
8. *Labour Legislation in British India.* Pankaj Kumar Mukherjee. (1937).
9. *Laboratory Manual of Organic Chemistry.* Dey, B. B. and Raman, M. V. S. (1937).
10. *Fifth Progress Report of the Foot and Mouth Disease Research Committee.* H. M. Stationery Office Pubn. (1937).

### B. Annual Administration Reports.

1. Mysore Agricultural Department Administration Report for 1935-36.
2. Report on Demonstration Work carried in the Southern Circle of the Agricultural Department, Central Provinces and Berar, 1936.
3. Rothamsted Experimental Station, Report for 1936.
4. Annual Report of the Department of Agriculture, Cyprus, for the Year 1936.
5. Annual Report of the Department of Agriculture and Forests, Palestine, for the year ended 31st March, 1936.
6. Kenya Colony Agricultural Department Annual Report, 1936.
7. Tanganyika Territory Agricultural Department Annual Report, 1936.
8. Tanganyika Territory Reports from the General Experimental Farms, 1936.
9. Report of the Agricultural Department, Antigua, 1936.
10. Report of the Agricultural Department, Dominica, 1936.
11. Report of the Agricultural Department, St. Vincent, for the year 1936.
12. Research Abstract Report of the Department of Agriculture, St. Lucia, 1936.
13. Oregon Agricultural Experiment Station—A Biennial Report of Activities and Accomplishments, 1932-1934.
14. Findings in Farm Science. Wisconsin Agr. Exp. Stn. Bull. 438.
15. A Year's Progress in Solving Farm Problems of Illinois, 1934-35.

### C. Special Publications.

16. The Nutritive Value of Banana. *Columbia Uni. Pubn.*
17. Technological Reports on Trade Varieties of Indian Cottons, 1937. *ICCC. Tech. Bul. Ser. A 38.*
18. Wood's Challenge to Steel and Concrete;
19. Relative Economy of Wood, Steel, and Concrete Structures;
20. Manufacture of Small Dimension Stock—A New Rural Industry;
21. The Truth about Fire Hazard in Timber Structures;
22. Cheaper and Better Gable Roofing with Wood Shingles;
23. Treated Timber for Earthquake Resistant Structures;
24. Treated Wood Poles for Electric Distribution and Service;
25. Special Factors affecting Timber Design;
26. Better and Cheaper Fencing;
27. How to build Wooden Earthquake-and Storm-Proof houses;
28. Relative Cost of Treated Electric Poles and Overhead Construction in India and Abroad;
29. Treated Timber Bridges for Indian Highways and Railways;
30. Wood Versus Steel for Framed Buildings;
31. How to build Fire-resistant Timber Structures;
32. Wood is Good: Fire-proofing of Wood;
33. Treated Wood for Roof Trusses;
34. Treated Wood for Flooring; and
35. Treated Wood for Walls and Ceilings. *Dehra Dun For. Res. Ins. (Timber Dev. Sec.) Pub. Nos. 1 to 11, 13, 15 & 18 to 23.*
36. White fish Meal as a food for Livestock. *Eng. Min. Agr. and Fish. Bul. 63.*
37. Technique of Grass Seed Production at the Welsh Plant Breeding Station;
38. Production