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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

REVENUE. DEPARTMENT

G.O. No.	3997 REV.	Press.
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GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

3rd July 1877, No. 132 L

Irrigation.

No. 11.

Read the following paper:—

CHEMBRAMBAUKUM TANK—STATEMENT OF AREA OF BED NOT COVERED BY WATER.

Year and Month.	Average Level of Surface.	Total Area of bed.	Area submerged.	Area not submerged.	
		ACRES.	ACRES.	ACRES.	
October 1873 (1st half) ...	Below 67.4	5,729	...	...	
" " (2nd ") ...	70.9	...	2,787	2,942	
Nov. " ...	70.9	...	3,317	2,412	
Dec. " ...	72.4	...	3,317	2,412	
Jan. 1874 ...	70.4	...	3,628	2,101	
			3,213	2,516	
Total ...	...	...	5)	12,383	
Average of Season ...	...	...	...	2,477	
Feb. 1874 ...	68.4	...	2,929	2,800	
Mar. " ...	...	...	2,787	2,942	
April " ...	...	...	2,787	2,942	
May " ...	...	...	2,787	2,942	
June " ...	...	...	2,787	2,942	
July " ...	...	...	2,787	2,942	
Aug. " ...	...	...	2,787	2,942	
Sept. to 15th, 1874 ...	...	...	2,787	2,942	
" 15th—30th " ...	75.4	...	4,294	1,435	
Total ...	...	...	9)	24,829	
Average of Season ...	...	...	...	2,775	
Oct. 1874 ...	82.4	...	5,729	None.	
Nov. " ...	79.9	...	4,829	900	
Dec. " ...	79.4	...	4,649	1,080	
Jan. 1875 ...	78.4	...	4,607	1,122	
Total ...	...	...	4)	3,102	
Average of Season ...	...	...	...	775	
Feb. 1875 ...	76.9	...	4,554	1,175	
Mar. " ...	74.9	...	4,180	1,549	
April " ...	71.9	...	3,524	2,205	
May " ...	68.9	...	3,000	2,729	

Nothing below 67.4 taken as available.

CHEMBRAMBAUKUM TANK—STATEMENT OF AREA OF BED NOT COVERED BY WATER—(Continued).

Year and Month.	Average Level of Surface.	Total Area of bed.	Area submerged.	Area not submerged.	
June 1875	...	...	...	...	
July "	...	...	2,787	2,942	
Aug. "	...	...	2,787	2,942	
Sept. "	...	...	2,787	2,942	
	Below 67.4	...	2,787	2,942	Nothing below 67.4 taken as available.
Total ..	...	...	8)	19,426	
Average of Season ...	...	...	...	2,428	
Oct. 1875	...	...	...	...	
Nov. "	...	...	2,787	2,942	
Dec. "	...	...	2,787	2,942	
Jan. 1876	...	...	2,787	2,942	
	Below 67.4	...	2,787	2,942	Do. do.
Total ..	...	...	4)	11,768	
Average of Season ...	...	...	...	2,942	
February	...	...	...	...	
March	...	...	...	...	
April	...	...	...	...	
May	...	...	...	...	
June	...	...	...	...	
July	...	...	...	2,942	Do. do.
August	...	...	...	...	
September	...	...	...	...	
Average of Season...	...	...	...	2,942	
October	...	...	...	...	
November	...	...	...	...	
December	...	...	...	...	
January 1877	...	...	...	2,942	Do. do.
Average of Season...	...	...	...	2,942	

FORT ST. GEORGE,
22nd June 1877.(Signed) G. T. WALCH,
Ag Dy. Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

No. 66 I.

MEMORANDUM.

No. 11-A.

GOVERNMENT have paid or are about to complete the payment of compensation amounting to Rupees 1,05,582 for the land within the water-spread of the Chembrambaukum tank, and a large part of this area will not be submerged except for limited periods. The rights in the bed of the old tank before its enlargement, if they are to

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be estimated at the sums settled as fair compensation, must be deemed to have been of considerable value, and the area capable of being similarly turned to account is now much greater.

2. To enable some idea of the extent of land available for grazing, grass cultivation for hay-making, &c., a statement has been prepared from the water registers showing the areas not under water in each month from October 1873 to January 1877. As the table of areas does not go below 67.4, and as the part of the tank below that level would be liable to more frequent and longer submergence, only the areas above that level have been taken into account with the following results.

The periods have been divided into seasons from October to January and from February to September, the former including the time when the tank will usually have most, and the latter the least, water in it:—

	Unsubmerged.
	ACRES.
1873-74, October to January, average area	2,477
February to September, "	2,775
1874-75, October to January, "	775
February to September, "	2,428
1875-76, October to January, "	2,942
February to September, "	2,942
1876-77, October to January, "	2,942

The present full tank level is 82.40
" old " was 76.40

FORT ST. GEORGE,
22nd June 1877.

(Signed)

JOHN MULLINS, Colonel, R.E.,
Chief Engineer for Irrigation.

To the Joint Secretary to Government, P.W.D., Irrigation Branch.

No. 12.

ORDER THEREON, 3rd July 1877, No. 132 I.

REFERRED, through the Revenue Department and Board of Revenue, to the Collector for report.

(True Extract.)

John Mullins

Colonel, R.E.,

Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Revenue Department.

" Chief Engineer for Irrigation.

" Superintending Engineer, Chingleput.

Exd. E. C. Shunker.

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Communicated to the
Board of Revenue

17 July 1777

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