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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 523 Press / ~~Mis.~~

457-58

Dated 16—2— 1869.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
16th February 1869.

No. 457. Read the following Proceedings of the Board of Revenue, dated 15th January 1869, No. 224:—

Read the following letter from the Collector of Nellore, to the Acting Secretary to the Board of Revenue, dated 7th November 1868, No. 4,056.

1. I have the honor to submit, in the usual form, an Abstract Statement showing the results of the Pennair Anicut irrigation for 1867-68.

2. The revenue realised is Rupees 1,77,771, which is an increase over the average of ten years preceding the construction of the anicut by Rupees 72,837.

3. The decrease of Rupees 14,525 compared with the results of 1866-67 is chiefly the result of a bad season.

Abstract Statement exhibiting the results of the Pennair system of irrigation, under the Anicut at Nellore, with reference to the Proceedings of Government of the 27th February 1865, No. 553, Public Works Department.

1	2				3				4		
Years.	Area irrigated under the Nellore tank above the level of the anicut works, and the revenue derived therefrom.				Area irrigated under the tanks, channels, and other subsidiary works under the influence of the anicut, including the Nellore tank, so far as thus affected, and the revenue derived therefrom.				Expenditure on the anicut itself, since its first commencement in 1854-55, up to its completion, as well as upon all works connected with it, new and old, including the Nellore tank.		
	During the ten years prior to the completion of the anicut in 1861-62.		Since the completion of the anicut.		During the ten years prior to the completion of the anicut in 1861-62		Since the completion of the anicut.				
	Area.	Revenue	Area.	Revenue.	Area.	Revenue.	Area.	Revenue.	New Works.	Repair.	Total.
	ACRES.	RS.	ACRES.	RS.	ACRES.	RS.	ACRES.	RS.	RS.	RS.	RS.
1851-52	3,706	14,983	......	......	26,154	1,21,543	......	......	......	3,495	3,495
1852-53	3,265	14,358	......	......	23,609	1,07,609	......	......	......	4,527	4,527
1853-54	1,926	8,693	......	......	11,857	52,397	......	......	......	12,505	12,505
1854-55	2,821	12,263	......	......	18,152	79,941	......	......	89,494	18,125	1,07,619
1855-56	3,269	13,597	......	......	24,567	1,14,207	......	......	16,559	14,611	31,170
1856-57	3,548	11,966	......	......	28,224	1,30,051	......	......	8,935	20,410	29,345
1857-58	5,221	12,089	......	......	19,842	81,211	......	......	20,862	34,869	55,731
1858-59	3,550	14,223	......	......	30,382	1,24,523	......	......	55,129	64,651	1,19,780
1859-60	3,777	14,670	......	......	30,778	1,28,714	......	......	52,667	40,908	93,575
1860-61	3,310	13,152	......	......	33,980	1,09,148	......	......	92,427	24,607	1,17,034
Average of above ten years. ...	3,378	13,297	......	......	24,754	1,04,934	......	......	33,067	23,871	57,478
1861-62 ...	......	......	5,320	13,893	......	......	34,533	1,16,961	68,138	6,845	74,983
1862-63 ...	......	......	5,464	14,962	......	......	35,638	1,36,643	57,216	3,884	61,130
1863-64 ...	......	......	5,404	15,487	......	......	39,505	1,59,588	44,114	7,775	51,889
1864-65	......	......	5,588	16,369	......	......	40,957	1,70,896	27,386	4,124	31,510
1865-66	......	......	5,578	16,156	......	......	41,841	1,77,121	10,546	7,394	17,940
1866-67	......	......	6,422	16,948	......	......	52,097	1,92,296	8,891	9,611	18,502
1867-68	......	......	5,523	14,764	......	......	51,441	1,77,771	67,285	11,069	78,354

NELLORE,
5th November 1868.

(Signed) J. W. B. DYKES,
Collector.

ORDERED that the foregoing communication be submitted for the information of Government.

2. The following abstract of the Statement furnished by the Collector shows in one view the average area irrigated under the Nellore tank above the level of the Anicut works, and the revenue derived therefrom, of the ten years prior to the completion of the Anicut, and of the six years since its completion; and affords the same particulars in respect of the area irrigated under the tanks, channels, and other subsidiary works under the influence of the Anicut:—

	Area irrigated under the Nellore tank above the level of the Anicut works and the revenue derived therefrom.		Area irrigated under the tanks, channels, and other subsidiary works under the influence of the Anicut, and the revenue derived therefrom.	
	Area.	Revenue.	Area.	Revenue.
	ACRES.	RS.	ACRES.	RS.
Average of the ten years (1851-52 to 1860-61) prior to the completion of the Anicut ...	3,378	13,297	24,754	1,04,934
Average of the six years (1861-62 to 1866-67) since the completion of the Anicut	5,629	15,636	40,762	1,58,768
Average increase since completion of Anicut...	2,251	2,339	16,008	53,834
Results of the year (1867-68) now under report.	5,523	14,764	51,441	1,77,771
Difference between the first and fourth lines...	2,145	1,467	26,687	72,837

From the above it appears that as regards the area above the level of the Anicuts an increase of revenue amounting to Rupees 1,467 or 11 per cent. was obtained in 1867-68 compared with the average of the ten years prior to the completion of the Anicut; and that in respect of the area under the Anicut works, there was an increase of revenue in 1867-68 compared with the same period abovementioned amounting to Rupees 72,837, or 69·4 per cent.

No. 458. ORDER THEREON, 16th February 1869, No. 523.

IRRIGATION, No. 18.

Ordered to be recorded.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Chief Engineer for Irrigation.
" Board of Revenue.
" Superintending Engineer, 2nd Division.

Exd. S. T. Augustin.

No. 224.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 15th January 1869.

Read the following letter from J. W. B. DYKES, Esq., Collector of Nellore, to the Acting Secretary to the Board of Revenue, dated 7th November 1868, No. 4,056:—

I HAVE the honor to submit, in the usual form, an Abstract Statement showing the results of the Pennair Anicut irrigation for 1867-68.

2. The revenue realised is Rupees 1,77,771, which is an increase over the average of the 10 years preceding the construction of the anicut by Rupees 72,837.

3. The decrease of Rupees 14,525 compared with the results of 1866-67 is chiefly the result of a bad season.

ENCLOSURE No. 1

Abstract Statement exhibiting the results of the Pennair system of irrigation, under the Anicut at Nellore, with reference to the Proceedings of Government, of the 27th February 1865, No. 553, Public Works Department.

1	2				3				4		
Years.	Area irrigated under the Nellore tank above the level of the anicut works, and the revenue derived therefrom.				Area irrigated under the tanks, channels, and other subsidiary works under the influence of the anicut, including the Nellore tank, so far as thus affected, and the revenue derived therefrom.				Expenditure on the anicut itself, since its first commencement in 1854-55, up to its completion, as well as upon all works connected with it, new and old, including the Nellore tank.		
	During the ten years prior to the completion of the anicut in 1861 62.		Since the completion of the anicut.		During the ten years prior to the completion of the anicut in 1861-62.		Since the completion of the anicut.				
	Area.	Revenue.	Area.	Revenue.	Area.	Revenue.	Area.	Revenue.	New works	Repair.	Total.
	ACRES.	RS.	ACRES.	RS.	ACRES.	RS.	ACRES.	RS.	RS.	RS.	RS.
1851-52	3,506	14,983	...	...	26,154	1,21,543	...	...	...	3,495	3,495
1852-53	3,265	14,338	...	...	23,600	1,07,609	...	...	...	4,527	4,527
1853-54	1,926	8,693	...	...	11,857	52,397	...	...	...	12,505	12,505
1854-55	2,821	12,263	...	...	18,152	79,941	...	...	89,494	18,125	1,07,619
1855-56	3,260	13,597	...	...	24,567	1,14,207	...	...	16,559	14,611	31,170
1856 57	3,548	14,966	...	...	28,224	1,30,051	...	...	8,935	20,410	29,345
1857-58	3 221	12,089	...	...	19,842	81,211	...	...	20,862	34,869	55,731
1858-59	3.550	14,223	...	...	30,382	1,24,523	...	...	55,129	64,651	1,19,780
1859-60	3,377	14,670	...	...	30,778	1,28,714	...	...	52,667	40,908	93,575
1860-61	5,310	13,152	...	...	33,980	1,09,148	...	...	92,427	24,607	1,17,034
Average of above ten years	3,378	13,297	...	...	24,754	1,04,934	...	...	33,067	23,871	57,478
1861-62	...	...	5,320	13,893	...	...	34,533	1,16,061	68,138	6,845	74,983
1862-63	...	...	5,404	14,962	...	...	35,638	1,36,643	57,246	3,884	61,130
1863-64	...	...	5,464	15 487	...	...	39,505	1,59,588	44,114	7,775	51,889
1864-65	...	...	5,588	16,369	...	...	40,957	1,70,896	27,386	4,124	31,510
1865-66	...	...	5,578	16,156	...	...	41,841	1,77,124	10,546	7,394	17,940
1866-67	...	...	6,422	16,948	...	...	52,097	1,92,296	8,891	9,611	18,502
1867-68	...	...	5,523	14,764	...	...	51,441	1,77,771	67,285	11,069	78,354

NELLORE,
5th November 1868.

(Signed) J. W. B. DYKES,
Collector.

ORDERED that the foregoing communication be submitted for the information of Government.

2. The following abstract of the Statement furnished by the Collector shows in one view the average area irrigated under the Nellore tank above the level of the Anicut works, and the revenue derived therefrom, of the ten years prior to the completion of the Anicut, and of the six years since its completion; and affords the same particulars in respect of the area irrigated under the tanks, channels, and other subsidiary works under the influence of the Anicut:—

	Area irrigated under the Nellore tank above the level of the Anicut works and the revenue derived therefrom.		Area irrigated under the tanks, channels, and other subsidiary works under the influence of the Anicut, and the revenue derived therefrom.	
	Area.	Revenue.	Area.	Revenue.
	ACRES.	RS.	ACRES.	RS.
Average of the ten years (1851-52 to 1860-61) prior to the completion of the Anicut	3,378	13,297	24,754	1,04,934
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3. From the above it appears that as regards the area above the level of the Anicuts an increase of revenue amounting to Rupees 1,467 or 11 per cent. was obtained in 1867-68 compared with the average of the ten years prior to the completion of the Anicut; and that in respect of the area under the Anicut works, there was an increase of revenue in 1867-68 compared with the same period abovementioned amounting to Rupees 72,837, or 69·4 per cent.

(True Copies and Extract.)

Acting Secretary.

To the Secretary to Government, Department Public Works.

Copy to the Acting Secretary to Government, Revenue Department.
" to the Collector of Nellore.

Exd. T. Cartledge.

P.W. Irrig Dept.
No. 277.

BOARD OF REVENUE, MADRAS.
1869.

PROCEEDINGS, 15TH JANUARY 1869, No. 224.

Dy 15th Jany/69.
~~Despd 21st Do~~ Encl. 0
Received 22nd " "

JANUARY.
No. 224.

No 523 - 16th Feby 1869.

Pennair Anicut Irrigation—in Nellore District, Collector's letter forwarding Statement showing results of, for 1867-68, submitted to Government, with remarks.

C. 25th Jany 1869, Pa-29

With an order

522 Irrign

No 523

Ordered to be recorded.

Fort St George
16th Feby 1869

3 The Charge for Irrigation
14 " Bd of Revd
6 " [illegible]

33
Recd 17/2/69.

Acc 277

Govt. of {1869} Madras.

PUBLIC WORKS.

To The Chief Engineer for Irrigation

Dated

Recd

G. O. 16th Feby 1869, No. 523

Nos. 457-455

Pennair Anicut irrigation. Pro. of the Board of Revenue submitting, with remarks, the abstract statement submitted by the Collector of Nellore showing the results of the Pennair Anicut irrigation, for 1867-68 - recorded.