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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 2981	Press Mis.
248-49.	
Dated 12. 12.	18 62.

Not to be folded or roughly handled

17.12.43

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*Proceedings of the Madras Government, Public Works Department,
12th December 1862.*

No. 248. Read the following letter from J. W. B. DYKES, Esq., Collector of Nellore, to J. D. SIM, Esq., Secretary to Government, Revenue Department, Fort Saint George, dated Nellore, 17th November 1862, No. 37 :—

SIR,

1. In reporting on the Pennár Anicut at Nellore, in the Statement of Renumerative Works for 1859-60 and 1860-61, I gave it as my opinion, that it was very doubtful how far any of the increase in the revenue in the villages under the Anicut could be ascribed to the Anicut. And the District Engineer having taken exception to these remarks, a correspondence ensued, which resulted in the Government, under date the 12th June last, No. 1,335, ordering the preparation of a Return showing the area and revenue derived from the channels in question for ten years prior to 1855, and for each year subsequently.

2. The Government remarked, that with this return the Government would be able to form their own opinion.

3. These orders were received and returns sent in under date the 23rd July during my absence on leave, showing an average revenue for the ten years of Rupees 50,605, and for the six following years of Rupees 60,372. In one year the revenue had risen to Rupees 71,488.

4. But in sending in these returns a serious mistake was made, that the Officer in charge could not be expected to observe, not having the necessary local knowledge. The Government had called for "the revenue derived from the channels in question." The returns sent, gave the revenue derived not only from the channels but also from all the tanks fed by those channels. And to ascribe the general increase under both heads to the Anicut alone, would be to ignore a very heavy expenditure on the tanks.

5. I now do myself the honor to enclose a statement I have had made out, that shows very clearly what is the proportion of the revenue derived from the channels to the revenue derived from land that has a supply from both tanks and channels. This statement will serve as the basis for comparing the total expenditure with the total revenue. And as soon as this comparative statement shall have been prepared, I will lose no time in submitting it for the consideration of Government, pending which I beg final orders may be deferred on the report and returns submitted from this Office under date the 23rd July.

6. In reality, with a river like the Pennár an Anicut is simply a forcing pump to fill the reservoirs. And the pump being out of order, I was inclined to ascribe the rise in the revenue to other causes.

7. It will be observed, the assessment on lands irrigated from the channels is Rupees 11,000, on lands supplemented from tanks Rupees 58,000.

No. 249.

ORDER THEREON, 12th December 1862, No. 2,981.

Ordered to be recorded.

Signed W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

No. 1.

ANNUAL STATEMENT OF THE AREA TO BE

IRRIGATED, AND IRRIGATED

FROM THE

PENNAIR ANIKAT

AT

NELLORE,

SOUTHERN DELTA.

ANNUAL STATEMENT of the area to be irrigated,

1				2		3	
Name, and number of the Channel, its class, and position.				Name of the Village and Taluq.		Area to be irrigated from the Channel and its assessment.	
No.	Name.	Class.	Position.	Taluq.	Village.	Area.	Assessment.
						Acres.	Rs.
1	JAFFER SAHIB AND GANGAPATNAM....	Main Line.	Section No. 1, from the Channel Head to the Allipuram Regulator.	Nellore. ...	Gudipallipadu.....	...	...
			Total.....			...	...
1	IDURU KODURU. ...	Main Branch.	South bank of the first Section of the Jaffer Sahib and Gangapatnam Channel ...	Nellore. ...	Peduru.....	63	139
					Mungaldoruvu. ..	37	...
					Koduru.....	170	337
					Iduru.....	137	347
			Total.....			407	823
1	VARIGONDA....	Subsidiary Branch.	The South bank of the Iduru Koduru Channel ...	Nellore. ..	Narukuru... ..	23	73
					Chinnacherukuru.	236	526
					Vaviletipadu*.....	...	...
					Varigonda	...	...
					Thotapalliguduru.	226	672
			Total.....			485	1,271
2	THOTAPALLI.....	Subsidiary Branch.	The South bank of the Iduru Koduru Channel... ..	Nellore. ...	Thotapalliguduru.	...	...
					Thotapalli	327	1,512
			Total.....			327	1,512
3	AMULURU....	Subsidiary Branch.	The North bank of the Iduru Koduru Channel... ..	Nellore. ...	Amuluru.....	328	894
					Vilukanipallit.....	...	...
			Total.....			328	894

from the Pennair Anikat at Nellore, Southern Delta.

4			5		6		7	8
Area to be irrigated from the Channel and other sources, the Name of the Supplementary Works, and the assessment.			The total area to be irrigated and its assessment.		Average supply of water per hour as estimated by the D. P. W. for the current, and preceding years.		Area irrigated from the 1st July 1862 to the 1st January 1863 as estimated by the D.P.W.	REMARKS.
Names.	Area.	Assessment.	Area.	Assessment.	1861-62	1862-63	Area.	
	Acres.	Rs.	Acres.	Rs.	Cubic yards.		Acres.	
Nellore Tank.	387	1,338	387	1,338				N. B.—The Channels have been classed as Main Lines, and Branches. The Main Lines again are divided into Sections, with reference to the Regulating Works, and the Branches into Main, and Subsidiary, according as they take off from a Main Line, or what itself is a Branch.
.....	387	1,338	387	1,338				
{ Kotta Tank... ..	387	1,390	1,061	4,147				
{ Kolli do.	334	1,713						
{ Pata do.	277	705						
Ponds.....	64	...	101	46				
{ Ummadi or Pedda Tank.	1,281	4,744	1,548	5,779				
{ Ponds.....	97	698						
{ Ummadi Tank	986	4,064						
{ Kolleti do.....	94	388	1,358	5,233				
{ Ponds.....	141	434						
.....	3,061	14,336	4,068	15,205				* Under consideration.
Kondalarayadi Tank.....	308	1,283	331	1,356				
{ Kotta do.	287	1,018	700	2,121				
{ Pata do.	177	577						
.....	...	...						
{ Kasirazu do.	995	3,237	1,252	4,222				
{ Pata do.	243	984						
{ Rain.....	14	1						
Kanaka Tank.....	517	2,061	743	2,733				
.....	2,541	9,161	3,026	10,432				
{ Konagunta Tank.	238	1,009	761	3,206				† The supply to the Shrotriam of Vilukanipalli is the used water of Amuluru.
{ Pedda do.	523	2,197						
{ Pedda do.	288	1,299	947	4,516				
{ Kotta do.	332	1,555						
.....	1,381	6,260	1,708	7,772				
{ Pedda Tank... ..	399	1,832	931	3,463				
{ Ponds.	36	227						
{ Painampudi Tank ..	70	68						
{ Ana do.....	98	442						
Natural Watercourse ...	24	...	24	46				
.....	627	2,569	955	3,529				

ANNUAL STATEMENT of the area to be irrigated,

1				2		3	
Name, and number of the Channel, its class, and position.				Name of the Village and Taluq.		Area to be irrigated from the Channel and its assessment.	
No.	Name.	Class.	Position.	Taluq.	Village.	Area.	Assessment.
						Acres.	Rs.
3	JAFFER SAHIB AND GANGAPATNAM...	Main Line.	Total Irrigation from the Main Branch.....			407	823
			Total Irrigation from the Subsidiary Branches of the Iduru Koduru Channel...			1,140	3,677
			Total Irrigation from the Iduru Koduru Channel...			1,547	4,500
			Total Irrigation from the Main Line and Branches of the first Section of the Jaffer Sahib and Gangapatnam Channel above the Allipuram Regulator.....			1,547	4,500
			Section No. 2 from the Allipuram to the Narayana-reddipeta Regulator... ..	Nellore. ...	Leburu	141	595
			Total.....			141	595
1	MAYIPADU, KORUTURU, AND INDUKURUPETA.....	Main Branch.	The South Bank of Section No. 2 of the Jaffer Sahib and Gangapatnam Channel	Nellore. ...	Indukurupeta... ..	175	778
					Somarazupalle. ...	145	401
					Mayipadu... ..	10	38
					Koruturu... ..	159	295
					Total.....		
	POTLAPUDI AND VENKANAPALLEM.	Subsidiary Branch.	The South Bank of the Mayipadu, Koruturu, and Indukurupeta Channel. ...	Nellore. .	Indukurupeta... ..	85	353
					Vilukanipalle... ..	76	...
					Potlapudi... ..	193	630
					Venkanapalem ...	278	1,065
					Kottapalem.....	201	529
		Koruturu.	...	...			
		Total.....			833	2,577	
			Total Irrigation from the Main Branch			489	1,512
			Total Irrigation from the Subsidiary Branches of the Mayipadu, Koruturu, and Indukurupeta Channel ...			833	2,577
			Total Irrigation from the Mayipadu, Koruturu, and Indukurupeta Channel ...			1,322	4,089

from the Pennair Anikat at Nellore, Southern Delta.

Area to be irrigated from the Channel and other sources; the Name of the Supplementary Works, and the assessment.		The total area to be irrigated and its assessment.		Average supply of water per hour as estimated by the D.P.W. for the current, and preceding years.		Area irrigated from the 1st July 1862 to the 1st January 1863 as estimated by the D.P.W.		REMARKS.
Names.	Area.	Assessment.	Area.	Assessment.	1861-62	1862-63	Area.	
	Acres.	Rs.	Acres.	Rs.	Cubic yards.		Acres.	
.....	3,661	14,336	4,068	15,205				
.....	4,549	17,990	5,689	21,733				
.....	8,210	32,326	9,757	36,938				
.....	8,597	33,664	10,144	38,276				
{ Pedda Tank... ..	953	4,549	1,359	6,445				
{ Bramhana Tank... ..	256	1,284						
{ Ponds..... ..	8	14						
{ Rain..... ..	1	3						
.....	1,218	5,850	1,359	6,445				
{ Pedda Tank... ..	743	3,460	935	4,475				
{ Old Pennakini.	67	237						
{ Tank..... ..	146	721						
{ Ponds..... ..	67	279						
Ummadi Tank	575	2,724	585	2,762				
Uminadi Tank	399	1,684	558	1,979				
.....	1,997	9,105	2,486	10,617				
Indupuru Tank... ..	322	1,627	407	1,980				
{ Kotta Tank	60	...	230	628				
{ Vilukani Tank.	60	...						
{ Ponds	34	...						
{ Tank..... ..	113	572						
{ Chintagunta Tank.....	92	456	398	1,658				
Ganapati Tank	168	655	446	1,720				
Ganapati Tank	125	429	326	958				
Ganapati Tank.....	76	332	75	352				
.....	1,050	4,071	1,883	7,276				
.....	1,997	9,105	2,486	10,617				
.....	1,050	4,071	1,883	7,276				
.....	3,047	13,176	4,369	17,893				

No. 1.

ANNUAL STATEMENT of the area to be irrigated.

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Name, and number of the Channel, its class, and position.				Name of the Village and Taluq		Area to be irrigated from the Channel and its assessment.	
No.	Name.	Class.	Position.	Taluq.	Village.	Area.	Assessment.
						Acres.	Rs.
3	JAFFER SAHIB AND GANGAPATNAM.	Main Line.	Total Irrigation from the Main Line and Branches of the second Section of the Jaffer Sahib and Gangapatnam Channel, between the Allipuram and Narayanareddipeta Regulators.			1,463	4,684
			Section No. 3 below the Narayanareddipeta Regulator.	Nellore	Leburu.....	22	62
					Punnuru.....	70	330
					Komerika.....	...	...
					Gangapatnam.....	279	1,059
			Total.....			371	1,451
		Main Branch.	The North Bank of the Jaffer Sahib and Gangapatnam Channel below the Narayanareddipeta Regulator.....	Nellore.	Komerika....	13	19
					Mudivartipalem...	104	645
			Total.....			117	664
			Total Irrigation from the Main Line and Branches of the third Section of the Jaffer Sahib and Gangapatnam Channel below the Narayanareddipeta Regulator.....			488	2,115
			Grand Total of Irrigation from the Main Line and Branches of the Jaffer Sahib and Gangapatnam Channel.....			3,498	11,299

N. B.—The area to be irrigated from the Krishnapatnam

from the Pennair Anikat at Nellore, Southern Delta.

4			5		6		7	8
Area to be irrigated from the Channel and other sources, the Name of the Supplementary Works, and the assessment.			The total area to be irrigated and its assessment.		Average supply of water per hour as estimated by the D. P. W. for the current, and preceding years.		Area irrigated from the 1st July 1862 to the 1st January 1863 as estimated by the D. P. W.	REMARKS.
Names.	Area.	Assessment.	Area.	Assessment.	1861-62	1862-63	Area.	
	Acres.	Rs.	Acres.	Rs.	Cubic yards.		Acres.	
.....	4,265	19,026	5,728	24,338				
Jagadevapeta Kalava.	...	...	22	62				
Pedda Tank.....	310	1,295	380	1,625				
Ponds.....	12	69	12	69				
{ Pedda Tank.....	742	2,026	1,060	3,207				
{ Ana do.....	39	122						
.....	1,103	3,512	1,474	4,963				
{ Tank.....	420	1,987	443	2,048				
{ Old Penakini.....	10	42						
Tank.....	286	551	390	1,190				
.....	716	2,580	833	3,244				
.....	1,819	6,092	2,307	8,207				
.....	14,681	58,782	18,179	70,821				

and Sarvapalli Channels will be given subsequently.

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

Collector.

Public Works Dept

No
Proceedings of the Madras Government

Under date the December 1862.

Read the following
letter from the Collector of
Madras.

Towards with reference to the
Correspondence on the subject of the
Revenue Returns under the Pannai
Amikat, a statement showing the
area irrigated from the tank and
also that final orders on the question
may be deferred pending the submission
of a comparative statement under
preparation showing total
expenditure compared with the
Revenue.

Now after 17th November 1862

11 Sept 1862. 1862

22nd July 1862. 1862

Is there the least use or benefit
to be derived from discussing this
matter of opinion - our
business is to make the best
use of the Amikat now we have
built it - I am decidedly of
opinion that it ought to have
been placed under the Amikat
this year but this too late to
discuss and matters was

MD

I don't see any use in discussing it now with
this intention - the

The Government have
already addressed the Home Author-
ities on the subject of the revenue
derived from the Pannai
Amikat, with reference to the
information furnished by the
Returns received from the
Sub Collector in charge of
Pannai. They feel however
to see the force of the reason-
ing in Pannai is of the
Dykes' letter recorded above.
The point of difference between
the Collector & the District
Engineer was whether the increase
of Revenue in the Villages
under the Amikat was due to
the Amikat or not. The former
maintains the negative and the
latter is in favor of the positive.

Enclosure

12 Dec 1862 - 1862

In a letter from the Collector
of Pannai to the Secretary to the
Government, Revenue Dept. 15th
Feb 1862, dated 17th Nov.
1862, No. 11.

At Court.

Annual statement of the
Area to be irrigated, and
irrigated from the Pannai
Amikat at Pannai
Suttees Delta.

11 Sept 1862

It would be difficult to believe that a permanent amendment can be made to the law for a temporary amendment with the country.

Sp

latter the affirmative side of the question. Mr Dykes contends that it was erroneous to have included in the

Returns submitted the Revenue derived from the Tanks fed by the Channels. If the Tanks are not fed from any other source, it seems evident that inasmuch as they receive their supply from the Channels which again are taken off from the Aricut, the general increase of revenue under the Tanks, has been influenced by the Aricut.

The Govt will however await the Comparative statements promised to be furnished.

To
The W. J. Revenue
Collector of Kollur
By Chdly S. S. C.

15th

15th Village,
Collector's Office,
17th November 1862.

Dear Sir,

J. A. M. D. Esquire,
Collector of Village,

J. D. Esquire,
Secretary to Government
Revenue Department
Fort Saint George.

Dear Sir,

In reporting on the Census Sheet
at Village in the Statement of Demographic
Works for 1859-60, & 1860-61, I gave it as my
opinion, that it was very doubtful how far
any of the increase in the revenue in the
Villages under the Sheet could be ascribed
to the Sheet. And, the District Engineer
having taken exception to these remarks, a
correspondence ensued, which resulted in
the Government, under date the 12th June

last

last, & 1833, ordering the preparation
of a Return showing the area and revenue
derived from the Channels in question for 10
years prior to 1833, & for each year subsequently.

2. The Government remarked, that
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able to form their own opinions.

3. These orders were received, and
Returns sent in under date the 23^d July,
during my absence on leave, showing an average
revenue for the 10 years of Rs 50,605, & for
the 6 following years of Rs 60,372. In one
year the revenue had risen to Rs 71,188.

4. But, in sending in these returns
a serious mistake was made, that the
Officers in Charge could not be expected
to

175
to observe, not having the necessary local
knowledge. The Government had called
for "the revenue derived from the Channels
in question." The returns, sent, gave the
revenue derived not only from the Channels,
but also from all the tanks fed by those
Channels: a mistake, to ascribe the general
increase under both heads to the Tanks
alone, would be to ignore a very heavy expenditure
on the tanks.

5. I now do myself the honor to enclose
a Statement I have had made out; that
shows very clearly what is the proportion
of the Revenue derived from the Channels,
to the revenue derived from land that has
a supply from both tanks & Channels.

This statement will serve as the basis
for comparing the total expenditure with
the total revenue. And as soon as this
comparative statement shall have been
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ting it for the consideration of Government,
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be deferred on the report & returns
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the 23rd July.

6. In reality, with a river like
the Pennair an ~~inlet~~ is simply
a forcing pump to fill the reservoir.
And the pump being out of order, I
was inclined to ascribe the rise in the
Revenue to other causes.

7. It will be observed, the expenditure
on lands irrigated from the Channels
is Rs 11,000, on lands supplemented from
tanks Rs 58,000.

I have the honor to be,

Sirs

Yours Most Obedt. Servt.

J. V. 16 Aug 1882

Collector

