

(1) Number of pages.....

(2) Date of repair.....

(3) Initials of the Referencer.....

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. <i>1028</i>	Press Mis.
<i>126-27</i>	
Dated <i>13-4</i>	<i>1871</i>

Not to be folded or roughly handled

12

*Proceedings of the Madras Government, Public Works Department,
13th April 1871.*

No. 126.

Read the following papers :—

No. 64.

Note by the Chief Engineer for Irrigation.

THE register prepared for the Mayaveram Talook in Tanjore gives all the information contemplated in the Orders of Government as per margin, but it is

13th July 1868, No. 2,234.
30th Sept. „ „ 3,071.

not quite clear whether it is quite as complete as is requisite for abstracting and reviewing the information it contains, and so making full use of it.

2. It is, I think, necessary that the Superintending Engineer should classify all the rivers and principal canals much in the same way as has been done for the Godavery, and that then each channel taking off from these should be entered in the register, and the villages irrigated by it duly shown. For instance, the Vennaur and all its principal branches would be taken. The first reach of the Vennaur would be from its head to the Kuchamungalum anicut; all the channels taking off from it on either side should be numbered, and with their names should be entered successively, and then the villages, areas, and revenue under each would be exhibited, just in the way that has been done for the Mayaveram Talook. The second reach would be from the Kuchamungalum anicut to the Vettaur head, and so on. In order that the registers may be complete, it seems to me that it will be better to include in, or exclude channels from, the register according to the position of their heads, rather than the area irrigated; thus every channel having its head on any one of the rivers or canals of the general classification, and no others, should be separately entered. In this way a channel of 30 acres would have a separate entry; but, on the other hand, a channel of 500 acres, sub-divided afterwards into two of 250 each would be entered only once, and no separate notice would be taken of its subsequent sub-division. Every acre of the irrigation will then be included, and it will be extremely easy to abstract the totals under each of the classified sources of irrigation; these again will be abstracted for the principal rivers, and the irrigation under the Cauvery and Vennaur, respectively, and under the Cauvery itself, will be available for comparison year by year. There is no reason against the original returns being made out talook by talook and so published in the *District Gazette*. The rest of the information will be highly valuable to the Irrigation Department, and it should be regularly reviewed, first, by the local officers of the Revenue and Public Works Departments, and then by the Chief Engineer for Irrigation, by whom the general returns should be laid before Government. I have already by Circular called for annual reports of the operations of the Irrigation Department and of the results obtained, and the range reports must be based upon such information as that referred to in this note.

3. I may mention that all returns should give the areas in acres, and that the form of statement, given in paragraph 23 of the late Colonel Anderson's memorandum, should accordingly have the word "acres" entered in the heading of columns 2 and 4, while under the word "assessment," in column 5, should be

G. O., 13th July 1868.

added "collections." The headings of the columns should otherwise strictly conform to those of the approved statement.

4. I do not think that Captain Oakes had seen the return for the Mayaveram Talook when his letter, quoted by the Collector of Tanjore, was written. There can be no doubt, I think, of the value of such registers. Information in a form which can be made use of is as requisite in Tanjore as elsewhere—

1st.—As a basis for expenditure on maintenance.

2nd.—In order that defective arrangements influencing the lands irrigated may come under notice and be remedied.

3rd.—With a view to ascertain whether the existing system of regulation requires modification, and, if so, to what extent. Likewise to afford data for its management.

4th.—To place in the hands of all controlling authorities, from the local officers to the Government, the means of seeing that all the interests concerned are duly cared for.

5. It may be noticed that, when once the irrigation works have been classified, the headings of the statements and the entries in columns 1, 2, and 3 can be printed both in the vernacular for talook use, and in English for insertion in the *Gazette*, and in the same manner all the abstract returns can be printed ready for use year by year.

FORT SAINT GEORGE,

4th March 1871.

(Signed)

J. MULLINS, Major, R.E.,

Chief Engineer for Irrigation.

Proceedings of the Board of Revenue, dated 15th February 1871, No. 714.

Read again Board's Proceedings, dated 25th February 1870, No. 1,315.

Read the following letter from the Collector of Tanjore, to the Acting Secretary to the Board of Revenue, dated Vallam, 1st November 1870, No. 391.

WITH reference to the Board's Proceedings, dated 25th February 1870, No. 1,315, I have the honour to state that what I meant by saying that the registers had since been completed for all the talooks was that they had been fully written up in the talooks in the vernacular, and I beg to be informed whether the vernacular registers of the Mayaveram Talook should be submitted.

2. I would, however, call the Board's attention to Colonel Anderson's memorandum, paragraph 7, printed in Government Order, dated 30th September 1868, No. 3,071, which accompanied the Board's Circular Order No. III. of 1869. In this paragraph Colonel Anderson contemplates the preparation of the registers for the delta talooks in the form adopted in the Godavery District, and for this purpose he says that "printed lists of the villages in delta talooks with headings corresponding to those of the form approved in Government Order, No. 2,234, dated 13th July 1868, and with the additions particularized above in paragraph 2, should be sent annually to the Collector by the Superintending Engineer for the purpose of being filled in. It will probably facilitate matters if the Superintending Engineer can obtain, with the authority of the Collector, the required information direct from the Village authorities and merely have it checked in the Collector's office."

3. In the Board's circular, however, there is no express order regarding the form of registers for the delta talooks, and a reference was, therefore, made to the Superintending Engineer on the subject. Captain Oakes wrote as follows:—

"With reference to your letter, No. 92, dated 20th ultimo, I have the honour to inform you that, though the form of register circulated by the Revenue Board relates to talooks, there is no doubt that similar information is required for channels to admit of a register of channels

"being kept up in the form adopted in the Godavery, approved in Government Order, No. 3,071 of 30th September 1868. Colonel Anderson proposes that the statement for channels with the villages under them shall be forwarded by the Superintending Engineer annually to the Collector to be filled up by the latter; but the original compilation of the statement must devolve upon the Revenue Department, for this department is not capable of obtaining the information required without making a complete and detailed survey of the district. Until such a survey is made, I must admit the compilation of a register in the form adopted in the Godavery will be practically useless, and, even when the survey is made, the registers will be of little use so far as they form a guide for the distribution of water, for, with a constantly varying head and variations of fall in each channel, it will be impossible to regulate the supply to each village according to its actual requirements in times of scarcity even if we had a trustworthy establishment which could be relied upon to open and close the sluices according to orders. The most we can hope to do in Tanjore is to regulate the volume of water which shall enter each main stream under the various conditions and state of the floods, and to leave the minor distribution to the ryots, unfair as this is to the villagers whose lands are supplied by the tails of the various channels."

4. If, therefore, the information for this district is to be thrown in a particular form in the Superintending Engineer's office, it does not appear to me necessary that the voluminous registers for the nine talooks should be transcribed in English in my office when that information can as well be obtained from the vernacular ones. I, therefore, purpose sending these vernacular registers to the Superintending Engineer, unless the Board direct me that they should be transcribed in English in this office.

5. I take this opportunity to beg to be allowed to correct a mistake which crept into my letter, recorded in the Board's Proceedings quoted in paragraph 1. In paragraph 2 I stated that the registers had been completed for all the talooks. The fact was that all the works and the villages under them had been entered in the registers in the talooks for both the Fuslies of 1277 and 1278 so far as the information procurable in the Revenue Department was concerned. That to be entered in Columns 7 to 11 in the form were being obtained from the Public Works Range Officers. Now that this information for most of the talooks has been received, the registers have been fully completed, and steps have been taken for completing the accounts of the remaining talooks as speedily as possible.

From the Officiating Collector of Tanjore, to the Acting Secretary to the Board of Revenue, dated Vallam, 6th January 1871, No. 3.

WITH reference to the Board's official memorandum, dated 14th December last, No. 1,535, I have the honour to submit a stitched book (to be returned) consisting of a few pages of the vernacular register of the Mayaveram Talook.

2. It will be seen that the works have been arranged according to channels as required for the purposes of the Public Works Department.

3. With advertence to paragraph 3 of the memorandum, I beg to state that I shall get the registers translated and printed without any extra establishment, and as early as practicable.

ENCLOSURE No. 1.—Book.

THE Board are unable to judge from the specimen submitted with the second of these letters whether the Mayaveram Register of Irrigation Works will meet the requirements of the Public Works Department; if not, it may not be desirable to translate and print so voluminous a document.

2. They accordingly resolve to submit the question whether it should, or should not, be translated and printed for the orders of Government in the Irrigation Department.

*Proceedings of the Madras Government, Public Works Department,
13th April 1871.*

Proceedings of the Board of Revenue, dated 25th February 1870, No. 1,315.

Read the following letter from the Collector of Tanjore, to the Acting Secretary to the Board of Revenue, dated Vallam, 31st January 1870, No. 32.

As directed in the Board's official memorandum, No. 1,125, dated 11th November 1869, I have the honour to annex, in the prescribed form, a statement exhibiting the progress made in the compilation of Irrigation Registers :—

Talooks.	Number of works already entered.	Approximate revenue dependent thereon.			Number of works remaining to be entered.	Approximate revenue thereon.			Total works.	Total revenue.		
		RS.	A.	P.		RS.	A.	P.		RS.	A.	P.
Tanjore ...	557	3,63,242	0	0	393	1,75,665	0	0	950	5,38,907	0	0
Combacoanum ...	.....	.....	.....	.....	346	7,29,266	3	3	346	7,29,266	3	3
Nannilam ...	.....	.....	.....	.....	309	6,97,741	0	0	309	6,97,741	0	0
Negapatam ...	81	1,68,416	0	0	140	2,16,707	0	0	221	3,85,123	0	0
Tritrapoondi ...	32	44,967	0	0	188	2,36,155	0	0	210	2,81,122	0	0
Munnargudy ...	384	4,21,372	1	10	.....	.....	.....	.....	384	4,21,372	1	10
Mayaveram ...	381	5,48,294	0	0	.....	.....	.....	.....	381	5,48,294	0	0
Puttukottai ...	212	96,916	0	0	15	14,399	0	0	257	1,11,315	0	0
Sheally ...	.....	.....	.....	.....	199	2,61,734	0	0	199	2,61,734	0	0

2. The registers have since been completed for all the talooks.

3. These registers would have been completed much earlier, had it not been that, in this district, all the rivers had to be gone over from west to east, and each channel inspected.

The Acting Collector is requested to forward the registers of the Mayaveram Talook for the Board's inspection.

No. 127. ORDER THEREON, 13th April 1871, No. 1,028.

IRRIGATION, No. 7.

THE Government observe that in the Order of the 13th July 1868, No. 2,234, a simple form of register of all tanks was directed to be prepared and published annually in the District Gazette talook by talook. In a subsequent Order, dated 30th September 1868, No. 3,071, the exhibition of Government and Inam lands separately was required, and, besides this, it was explained how the form of register was to be adapted to convey similar information for canals. The Collector of Tanjore has been engaged upon the preparation of these registers, but, in consequence of some remarks by the Superintending Engineer, 6th Division, which rendered it doubtful whether the publication of the Tanjore talook returns would be as useful as was supposed and intended, Mr. Lee-Morris has made a reference to the Board of Revenue to know whether the registers, of which he has forwarded that for Mayaveram in the vernacular, are to be printed in the District Gazette, and the Board have transmitted the correspondence to Government for orders.

2. Although the publication of the registers in the District Gazette may, in the opinion of Government, be dispensed with, His Excellency the Governor in

*Proceedings of the Madras Government, Public Works Department,
13th April 1871.*

Council has no doubt whatever of the great value of the information which those registers are designed to render accessible to all who are concerned with the management and control of irrigation works. The circumstances of Tanjore are somewhat different to the northern deltas, but it is equally necessary that the great irrigation system of that district should, in its annual results, be fully and clearly exhibited, and the Chief Engineer for Irrigation has explained in the note printed in these Proceedings how this can, in his opinion, best be done. His Excellency in Council anticipates that, with the additional instructions now furnished, there will be no difficulty in making the talook registers as complete and useful as is necessary for the purposes which they are to serve, and he relies upon the Collector and Superintending Engineer to complete the whole of them for Fuslies 1277, 1278, and 1279, as soon as possible, while those for Fusly 1280 will shortly be due, and the abstract statements referred to by the Chief Engineer should be got ready by Captain Oakes soon after he is furnished with the talook registers, and, being reviewed by the Superintending Engineer and Collector, should be forwarded to the Chief Engineer for submission to Government, with the least practicable delay.

3. It is noticed that the Mayaveram talook register contains no particulars of expenditure on maintenance; this information will, of course, be at once furnished by the Superintending Engineer to the Collector, and, in future, estimates should be made out for repairs so as to admit of the easy transfer of the required particulars of expenditure to the registers. Thus, for instance, estimates will be framed for each reach of the Vennaur separately, and similarly for each channel having its head in the banks of the Vennaur in that reach. Where lands in more than one talook are irrigated from one channel, the expenditure upon the latter will be divided ratably, according to the acreage, for insertion in the talook registers.

4. The Chief Engineer for Irrigation will open a general register in which from year to year he will enter, from the abstract statements prepared by the Superintending Engineers, the particulars of the irrigated area, collections, and expenditure of each system of irrigation, and of each principal branch of that system; and, in laying the annual returns before Government, he will take care to notice and explain all marked changes, whether in the direction of increase or decrease, and to make such recommendations as may be necessary in connection with the circumstances exhibited. In order to avoid delay the district returns will be submitted separately to Government, and, in submitting the last of the annual reports, a statement should be transmitted, showing the dates on which

(1.) the abstract statements were received from the Superintending Engineers;

(2.) the reports were laid before Government :—

5. His Excellency the Governor in Council considers that it will be useful to publish in the *Fort Saint George Gazette* the general results of irrigation operations in each district, as indicated by the areas of land irrigated and the revenue derived therefrom, and a statement exhibiting this information will be accordingly got ready by the Chief Engineer so soon as the necessary materials have been obtained from the several divisions. In addition to the expenditure on repairs, the particulars of which will be derived from the abstracts of the irrigation

*Proceedings of the Madras Government, Public Works Department,
13th April 1871.*

registers, the outlay on new irrigation works will be given for each set, or description of works in each district, and it will then be seen at a glance what the outlay upon, and the revenue derived from irrigation in each year has been.

(True Extract.)

Colonel, R. E.,

Secretary to Government.

To the Revenue Department.

- „ Board of Revenue, with one vernacular statement.
- „ Superintending Engineer, 6th Division.
- „ All other Superintending Engineers.
- „ Chief Engineer for Irrigation.

No. 714.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 15th February 1871.

Read again Board's Proceedings, dated 25th February 1870, No. 1,315.

Read also the following letter from G. LEE MORRIS, Esq., Collector of Tanjore, to the Acting Secretary to the Board of Revenue, dated Vallam, 1st November 1870, No. 391:—

With reference to the Board's Proceedings, dated 25th February 1870, No. 1,315, I have the honour to state that what I meant by saying that the registers had since been completed for all the talooks was that they had been fully written up in the talooks in the vernacular, and I beg to be informed whether the vernacular registers of the Mayaveram Talook should be submitted.

2. I would, however, call the Board's attention to Colonel Anderson's memorandum, paragraph 7, printed in Government Order, dated 30th September 1868, No. 3,071, which accompanied the Board's Circular Order No. III. of 1869. In this paragraph Colonel Anderson contemplates the preparation of the registers for the delta talooks in the form adopted in the Godavery District, and for this purpose he says that "printed lists of the villages in delta talooks with headings corresponding to those of the form approved in Government Order, No. 2,234, dated 13th July 1868, and with the additions particularized above in paragraph 2, should be sent annually to the Collector by the Superintending Engineer for the purpose of being filled in. It will probably facilitate matters if the Superintending Engineer can obtain, with the authority of the Collector, the required information direct from the Village authorities and merely have it checked in the Collector's office."

3. In the Board's circular, however, there is no express order regarding the form of registers for the delta talooks, and a reference was, therefore, made to the Superintending Engineer on the subject. Captain Oakes wrote as follows:—

"With reference to your letter, No. 92, dated 20th ultimo, I have the honour to inform you that, though the form of register circulated by the Revenue Board relates to talooks, there is no doubt that similar information is required for channels to admit of a register of channels being kept up in the form adopted in the Godavery, approved in Government Order, No. 3,071, of 30th September 1868. Colonel Anderson proposes that the statement for channels with the villages under them shall be forwarded by the Superintending Engineer annually to the Collector to be filled up by the latter; but the original compilation of the statement must devolve upon the Revenue Department, for this department is not capable of obtaining the information required without making a complete and detailed survey of the district. Until such a survey is made I must admit the compilation of a register in the form adopted in the Godavery will be practically useless, and, even when the survey is made, the registers will be of little use so far as they form a guide for the distribution of water, for, with a constantly varying head and variations of fall in each channel, it will be impossible to regulate the supply to each village according to its actual requirements in times of scarcity even if we had a trustworthy establishment which could be relied upon to open and close the sluices according to orders. The most we can hope to do in Tanjore is to regulate the volume of water which shall enter each main stream under the various conditions and state of the floods and to leave the minor distribution to the ryots, unfair as this is to the villagers whose lands are supplied by the tails of the various channels."

4. If, therefore, the information for this district is to be thrown in a particular form in the Superintending Engineer's office, it does not appear to me necessary that the voluminous registers for the nine talooks should be transcribed in English in my office when that information can as well be obtained from the vernacular ones. I, therefore, purpose sending these vernacular registers to the Superintending Engineer unless the Board direct me that they should be transcribed in English in this office.

5. I take this opportunity to beg to be allowed to correct a mistake which crept into my letter, recorded in the Board's Proceedings quoted in paragraph 1. In paragraph 2 I stated that the registers had been completed for all the talooks. The fact was that all the works and the villages under them had been entered in the registers in the talooks for both the fushies of 1277 and 1278 so far as the information procurable in the Revenue Department was concerned.

That to be entered in Columns 7 to 11 in the form were being obtained from the Public Works Range Officers. Now that this information for most of the talooks has been received, the registers have been fully completed and steps have been taken for completing the accounts of the remaining talooks as speedily as possible.

From W. M. CADELL, Esq., Officiating Collector of Tanjore, to the Acting Secretary to the Board of Revenue, dated Vallam, 6th January 1871, No. 3.

With reference to the Board's official memorandum, dated 14th December last, No. 1,535, I have the honour to submit a stitched book (to be returned) consisting of a few pages of the vernacular register of the Mayaveram Talook.

2. It will be seen that the works have been arranged according to channels as required for the purposes of the Public Works Department.

3. With advertence to paragraph 3 of the memorandum, I beg to state that I shall get the registers translated and printed without any extra establishment and as early as practicable.

ENCLOSURE No. 1.—Book.

The Board are unable to judge from the specimen submitted with the second of these letters whether the Mayaveram Register of Irrigation Works will meet the requirements of the Public Works Department; if not, it may not be desirable to translate and print so voluminous a document.

2. They accordingly resolve to submit the question whether it should, or should not, be translated and printed for the orders of Government in the Irrigation Department.

(True Copies and Extract.)

J. G. Cole
Acting Secretary.

To the Chief Engineer for Irrigation and Joint Secretary to Government,
Department Public Works, with one enclosure
and Board's Proceedings, No. 1,315, of 1870.

Copy to the Officiating Collector of Tanjore.

Exd. A. S. Rodgers.

MEMORANDUM

* *for Capt. sent*
REQUESTED for reference the under-mentioned papers:

Enclosure to
Regd. No. 1028-13th April 71
So. No. 1340-27th May 70
So. No. 143-23rd Sep 70.

OFFICE OF THE CHIEF
ENGR. FOR IRRIGATION,
P. W. Department,
1871.

J. M. Hamilton
Head Clerk.

The Registrar of the

1871.
Board of Revenue,
MADRAS.

PROCEEDINGS, 15th FEBRUARY 1871, No. 714.

Received

Qd. No. 23rd Feb 71
Exd. 2

FEBRUARY.
No. 714.

*Vernacular Register of Irrigation Works—of
Mayaveram Talook in Tanjore District.—Que-
sion whether this document should, or should not,
be translated and printed, submitted for orders
of Government.*

Kuchamungalam

No 64

Note by the Chief Engineer for Irrigation
under the Madras Government

The register prepared for the Madras
Irrigation in Tanjore gives all the information
contemplated in the orders of Government on

3 July 1868. No 2231 per margin, but it is not quite clear whether
6 Sept. " 3071 it is quite as complete, as is requisite for ab-
stracting & reviewing the information it con-
tains, and so making full use of it.

2. It is, I think, necessary that the
Superintending Engineer should classify all the
rivers and principal canals, much in the same
way as has been done for the Godavari, and
that then, each channel taking off from
them should be entered in the register and the
villages irrigated by it duly shown. For
instance the Vennar & all its principal
branches would be taken: the first reach of
the Vennar would be from its head to the
Kuchanungalum

Kuchanungalum Piment; all the channels
taking off from it on either side should be num-
bered and, with their names, should be entered
successively, & then the villages, areas, and revenue
under each would be exhibited, just in the way
that has been done for the Mysoream Taluk.
The second reach would be from the Kuchanung-
galum Piment to the Vetham head, and so on. In
order that the registers may be complete, it seems
to me that it will be better to include or exclude
channels from the registers according to the po-
sition of their heads, rather than the area irrigated;
thus every channel having its head on any one
of the rivers or canals of the general classification
& no others, should be separately entered. In this
way a channel of 30 acres would have a separate
entry, but on the other hand a channel of 500
acres subdivided afterwards into 2 of 250 each
would be entered only once, and no separate notice
would be taken of its subsequent subdivision.
Every acre of the irrigation will then be included,
and

and it will be extremely easy to abstract the
totals under each of the classified sources of
irrigation; these again will be abstracted for the
principal rivers, & the irrigation under the Cauvery
& Pennar respectively, and under the Cauvery
itself, will be available for comparison year by
year. There is no reason against the original
returns being made out Taluk by Taluk, and
so published in the District Gazette. The rest of
the information will be highly valuable to the Irri-
gation Department, and it should be regularly
reviewed, first by the local officers of the Revenue
& Public Works Departments; & then by the
Chief Engineer for Irrigation, by whom the
general returns should be laid before Govern-
ment. I have already by Circular called for
annual reports of the operations of the Irrigation
Department, & of the results obtained, and the
Range reports must be based upon such infor-
-ation as that referred to in this note.

3. I may mention that all returns should give the areas in acres, and that the form of statement, given in para 23 of the late Colonel Anderson's memorandum, should accordingly have the word 'acres' entered in the heading of Column 2 & 4, while under the word 'assessment' in column 5 should be added '(Collections)'. The headings of the columns should otherwise strictly conform to those of the approved statement.

4. I do not think that Captain Cates had seen the return for the Myanam Taluq. when his letter quoted by the Collector of Tanjore was written. There can be no doubt, I think, of the value of such registers. Information in a form which can be made use of is as requisite in Tanjore as elsewhere.

1st as a basis for expenditure on maintenance;
2nd in order that defective arrangements influencing the lands irrigated may come under notice and be remedied;

3rd with a view to ascertain whether the existing system

Co 13th July 1868

system of regulation requires modification & if so, to what extent. Likewise, data for its management;

4th to place in the hands of all controlling authorities, from the local officers to the Government, the means of seeing that all the interests concerned are duly cared for.

5th It may be noticed that, when once the irrigation works have been classified, the headings of the statements and the entries in columns 1, 2 & 3 can be printed both in the Vernacular for Taluq use, and in English for insertion in the Gazette, and in the same manner all the abstract returns can be printed ready for use year by year.

Fort St. George 3rd Windward Islands Major D.
4th March 1871 3rd Chief Engineer for Irrigation
The Secretary to Government
P. W. D.

Public Works Department
 1028
 Proceedings of the Madras Government
 Read the following

From

The Chief Engineer } (H. E. 382. 64. 2/4th March 1871)
 for Irrigation

The Government observe that in the order of the 13th July 1868 N. 2234, a simple form of register of all Tanks was directed to be prepared ~~and published~~ ^{distributed} ~~in the District~~ ^{in the District} ~~by Taluk by Taluk~~ ^{by Taluk by Taluk}

In a subsequent order, dated 30th September 1868 N. 3071, the exhibition of Government and Inam lands separately was required

I am over in all some the publication in the District for the purpose of the purchase of the property or not case

R
 A. N.
 S. D. S.

1871, 10th March
 The Chief Engineer
 for Irrigation
 The Secretary
 Government
 1871

1871, 10th March
 The Chief Engineer
 for Irrigation
 The Secretary
 Government
 1871

1871, 10th March
 The Chief Engineer
 for Irrigation
 The Secretary
 Government
 1871

No 126
 C. E. 14th March 1871
 1871, 10th March

are somewhat different
to the Northern Delta,
but it is equally necessary
that the great irrigation
system of that District
should, in its annual
results, be fully and
clearly exhibited, and
the Chief Engineer for
Irrigation has explained
in the note printed in
these Proceedings how
this can, in his opinion,
best be done. He is
Excellency in Council
anticipates that, with the
additional instructions
now furnished there will
be no difficulty in
making the Valuation registers
as

as complete and useful
as is necessary for the pur-
poses which they are to
serve, and he relies upon
the Collector and Superin-
tending Engineer to complete
the whole of them for the years
1277, 1278 & 1279 as soon as
possible, while those for
the year 1280 will shortly be
due, and the abstract
statements referred to
by the Chief Engineer
should be got ready by
Captain Oakes ^{soon after} ~~immediately~~
~~after the publication of the~~
Valuation registers in the
District Gazette, and
~~should be~~ ^{being} reviewed, and
by the Superintending Engineer should be forwarded to the Chief
Engineer

Engineer for submission
to Government with the
least practicable delay.

3. It is noticed that the
Moyaveam Talug register
contains no particulars
of expenditure on mainte-
nance: this information
will of course be at once
furnished by the Superin-
tending Engineer to the
Collector, and in future,
estimates should be made
out for repairs so as to
admit of the easy transfer
of the required particulars
of expenditure to the registers.
Thus for instance estimates
will be framed for each
reach of the Pennaur separately,
and

23a
and similarly for each
channel having its head
in the banks of the Pennaur,
in that reach. Where lands
in more than one Talug
are irrigated from one
channel, the expenditure
upon the latter will be
divided rateably according
to the acreage, for insertion
in the Talug registers.

4. The Chief Engineer
for Irrigation will open
a general register in
which from year to year
he will enter, from the
abstract statements pre-
pared by the Superintending
Engineers, the particulars
of

of the irrigated area, collections, and expenditure, of each system of irrigation, and of each principal branch of that system; and, in laying the annual returns before Government, he will take care to notice and explain all marked changes, whether in the direction of increase or decrease, and to make such recommendations as may be necessary in connection with the circumstances exhibited. In order to avoid delay the District returns will be submitted separately to

to Government, and in submitting the last of the annual reports, a statement showing the dates on which ~~the several Taluk registers~~ were published in the District Gazette. 1. 2. the abstract statements were received from the Superintending Engineer. 2. 2. the reports were laid before Government, and should be transmitted. 5. His Excellency the Governor in Council considers that it will be useful to publish in the Fort Saint George Gazette the general results

Results of irrigation
operations in each District,
as indicated by the areas
of land irrigated and
the Revenue derived there-
from, and a Statement
exhibiting this information
will be accordingly got
ready by the Chief Engineer,
so soon as the necessary
materials have been
obtained from the several
Divisions. In addition
to the expenditure on repairs,
the particulars of which
will be derived from the
abstracts of the Irrigation
registers, the outlay on
new

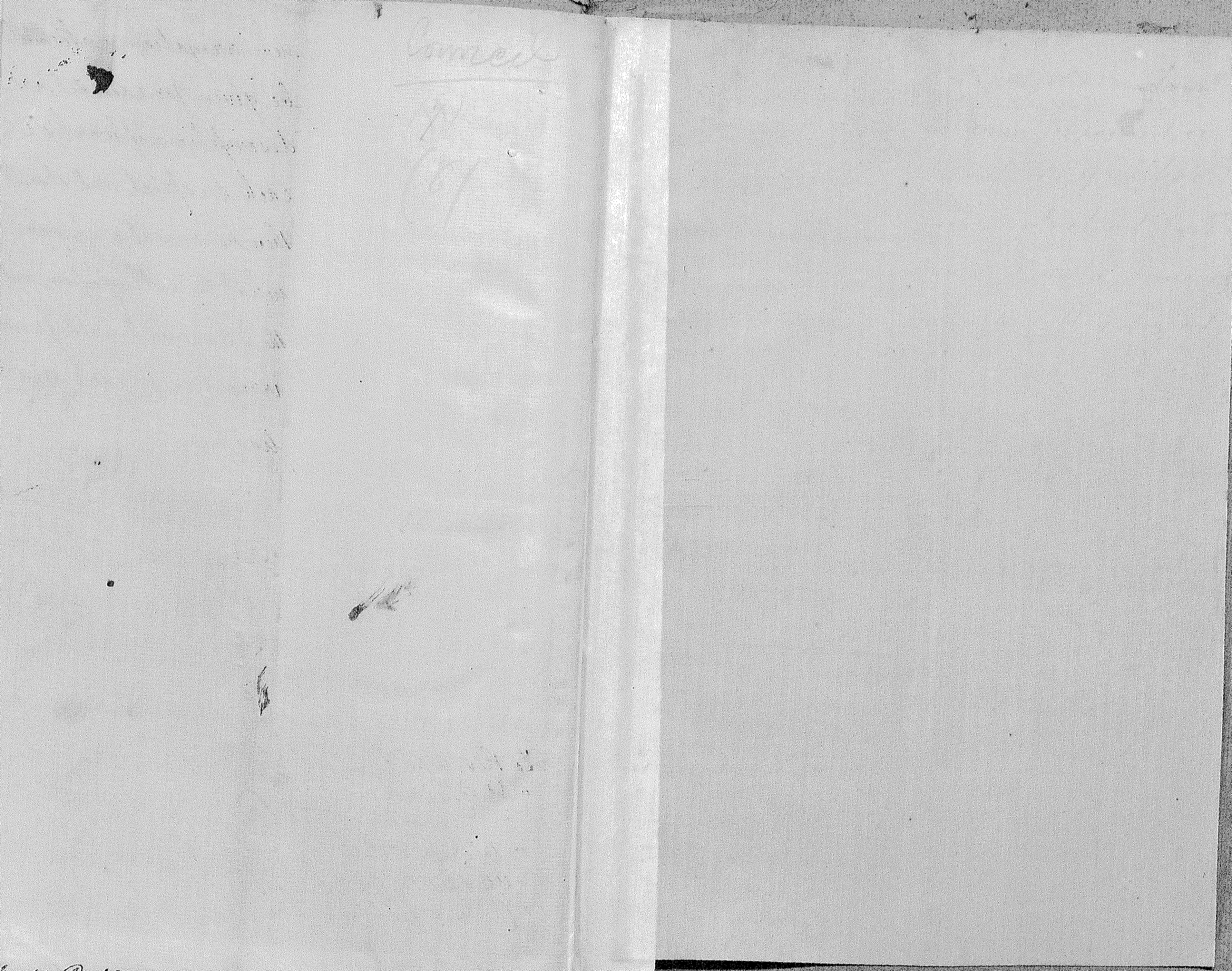
new irrigation works will
be given for each set, or
description, of works in
each District, and it will
then be seen at a glance
what the outlay upon, and
the Revenue derived from,
irrigation in each year
has been.

Aug. 8/3/71

W.D.

8 To Rev. Acpt. ✓
8 " 18th of Rev. with one
Vernacular Statement. ✓
13th " Pipe Ingr. b. & c. ✓
" All other Pipe Ingr. ✓
Ch. Engr. for Irrig. ✓

Recd 17/4/71



Rev 13 July 68 No 306-307
4 30 Sept 551-552

1/10/73

Bill 1871 Models.

PUBLIC WORKS.

The Public Department

Date

Recd

6. 13th April 1873

No. 126-127

Review of Migration Works.

Preparing orders & papers re-
lating to the publication
of the registers of Migration
works.