The material difference is due no doubt to the inclusion in the last year, and to the exclusion in other years, of the area of dry crops irrigated; but the instructions given for the preparation of the return stated that all irrigation was to be included, and, indeed, this ought to have been self-evident from an inspection of the form of the statement without any special instructions.

4. A comparative statement of irrigation and rain-fall for the Kurnool District has just reached this office, and the area of the district therein shown differs from both of those before given:—

1871-72 and 1872-73.

| | ACRES. |
|---|---|
| District revised statement ... ... ... ... | 4,709,120 |
| Do just received ... ... ... ... ... | 4,503,680 |
| Board's Statistical Tables... ... ... ... ... | 5,011,200 |

Again as regards irrigated areas—

| | |
|---|---|
| The area of Government land irrigated in 1872-73 was acres 30,924, and this was 691 acres in excess of that of 1871-72, consequently the area of the earlier year would be ... | 30,233 |
| Similarly the area of Inam lands irrigated in 1871-72 is found from this return to have been ... ... ... ... | 19,719 |
| Total areas... | 49,952 |

Turning to the Board's General Statement for 1871-72, it appears that the—

| | | Column. |
|---|---|---|
| Area of Government lands was acres ... ... ... | 32,039 | 10 |
| ,, Miscellaneous ... ... ... ... ... | 1,019 | 12 |
| ,, Inam and Zemindari ... ... ... ... | 3,193 | 20 |
| Total... | 36,251 | 24 |

5. The entries for Tinnevelly give rise to similar doubts. The area of irrigation—

| | ACRES. |
|---|---|
| For 1868-69, District revised returns ... ... ... | 249,720 |
| ,, 1869-70, Board's Statistical Tables... ... ... | 159,655 |
| ,, 1871-72, Board's General Statement ... ... | 166,339 |

It is not at all likely that the difference between 249,720 and 166,339 acres is due to variation of season, and the returns generally are discredited by such wide and unexplained divergencies.

6. It appears to be useless to submit to the Government of India again a comparative statement on which apparently no reliance can be placed, and as the references both to the district officers and to the Board of Revenue have failed to obtain returns which will bear examination, the orders of Government are solicited.

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,
*Chief Engineer for Irrigation.*

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REFERRED to the Revenue Department for consideration with all previous G. Os. on the subject.

(Signed) G. W. WALKER, Colonel, R.E.,
*Secretary to Government, P. W. D.*

*Proceedings of the Madras Government, Revenue Department,*
*6th December* 1873.

No. 75. Read the following Endorsement of the Secretary to Government, Public Works Department, dated 13th November 1873 :—

*Note by the Chief Engineer for Irrigation, dated Doddabetcorrai, 21st October* 1873, *No.* 742A.

The annual statement of irrigation and *rain-fall* was first prepared for the years 1867-68, 1868-69, with reference to G. O., No. 3,026, dated 15th September 1869, and it was submitted to the Government of India with decket No. 741, of the 11th March 1871, after a good deal of time had been spent in endeavouring to make it approximately correct.

2. The Government of India, under date the 25th March of the same year, letter No. 107-1, pointed out certain great apparent discrepancies between the entries of irrigated areas of this return and those shown in other recent communications, and it seemed probable that the differences were due in some cases to the inclusion or exclusion of Inam and Zemindari lands.

3. The Superintending Engineers were then called upon to obtain the revision of the returns, and on the examination of the revised statements, when these had at length been received and compiled, it was found that very great discrepancies in—

No. 132, 11th August 1871.

The areas of districts,
" cultivable areas,
" fluctuated "
" irrigated "

still remained unexplained, and as the particulars had been obtained by Superintending Engineers from the local Revenue officers, and it appeared to be useless to hope for explanations from them, seeing that between three and four years had been spent in the fruitless endeavour to obtain reliable information, the

5th June 1873, No. 344A.

Board of Revenue were asked to take such steps as might be necessary to ensure a fair degree of accuracy in these returns; their Proceedings now submitted,

19th September, No. 1,885.

contain such explanations as they are able to give or to suggest. They appear, however, to be as unable as the Collectors to afford reliable particulars; their explanations, paragraph 2, do not, for instance, explain the difference between the red ink and black ink figures in column 11 for Ganjam, and the general returns* of irrigation for 1871-72 indicate that a difference of upwards of 13,000 acres

*G. O., 21st August 1872, No. 2,039.

cannot be due to other than Government lands, seeing that there the difference between the Government lands and the total area of irrigation is only 2,605 acres. The Trichinopoly entries again are not reconcileable with the information given in the papers printed in the Proceedings, Madras Government, just quoted. The irrigated areas are—

| | |
|---|---|
| 1868-69, District Returns ... ... ... ... | Acres. |
| 1869-70, Board's Statistical Tables ... ... ... | 182,077 |
| 1871-72, Board's Revenue Statement ... ... ... | 139,182 |
| | 367,887 |

*Proceedings of the Madras Government, Revenue Department,*
*6th December* 1873.

No. 76. Order thereon, 6th December 1873, No. 1,361.

Irrigation, No. 4.

In G. O., dated 15th September 1869, No. 3,026, Public Works Department, the Government directed Superintending Engineers, in communication with Collectors, to prepare as complete a return of irrigation as might be found practicable for the year 1868-69 compared with 1867-68, and to arrange for the submission of a similar statement yearly.

2. On the 11th March 1871, it was ordered that the statements received in accordance with the above order should be tabulated and forwarded to the Government of India; but on this being done, the tabulated statement was returned for revision on the 25th March 1871 on the ground of there being great apparent discrepancies.

3. The Chief Engineer for Irrigation now reports that, after communication with the Superintending Engineers and the Board of Revenue, he has failed to obtain satisfactory explanation, and as it appears to him useless to again submit a comparative statement on which apparently no reliance can be placed, he solicits the orders of Government on the subject. He further points out that similar discrepancies exist in the returns submitted for later years.

4. It is obvious that the revised statement must be submitted as the Government of India desire it; but before doing so, it is certainly advisable to take all steps which may be necessary to reduce the discrepancies to a minimum, and as a certain amount of confusion has probably arisen from the mode in which the detailed information has hitherto been obtained locally from the Revenue authorities, the Government resolve to direct that the returns prepared by Collectors be revised in the Board's office and submitted by them to Government in a tabulated form, with a full explanation of the causes of any discrepancies which it may be found impossible to reconcile after reference to the districts concerned.

(True Extract.)

(Signed) D. F CARMICHAEL,
*Secretary to Government.*

To the Board of Revenue.
" the Public Works Department.

Ed. F. R. Bantleman.

Note by the Chief Engineer for Irrigation

The annual statement of Irrigation and Rainfall was first prepared for the years 1867-68 1868/69 with reference to Government Order, No. 3026 dated 15th September 1869, and it was submitted to the Government of India with letter No. 741 of the 11th March 1871, after a good deal of time had been spent in endeavouring to make it as approximately correct.

2. The Government of India, under date the 25th March of the same year, letter No. 707, I, directed that for the areas of irrigated areas of this return and those shown in other recent communications, and it seemed probable that the differences were due in some cases to the inclusion or exclusion of Swamp and Garden lands.

No. 452 of 11th August 1871

3. The Superintending Engineers were then called upon to obtain the revision of the returns and on the examination of the revised statements when these had at length been received and compiled, it was found that very great differences in

the areas of Districts
" Cultivable areas
" Cultivated
" Irrigated

not received unexplained and, as the particulars had been obtained by Superintending Engineers over the local revenue officers, and it appeared to be unsafe to rely on explanations from them, seeing that between 3 and 4 years had been elected in the preceding endeavour to obtain reliable information, the Board of Revenue were asked to take such steps as might be necessary to secure a fair degree of accuracy in their returns; their proceedings now submitted contain such explanations as they are able to give or to suggest - they appear however to be as unable as the Collectors to afford reliable particulars: their explanations (para 4) do not for instance explain the difference between the red ink and black ink figures in Column II for Canal and the general total of irrigation for 1871-72 indicate that a difference of upwards of 13,000 acres cannot be due to other than Government canals, seeing that there the difference between the Government canals and the total area of irrigation is nearly 2800 acres. The Accountant by enters agrees and reconcilable with the information given in the tables furnished in the proceedings Bombay Government last quoted. The irrigated areas are

1868-69 (Revised Return) 182,077 acres
1869-70 Board's Statistical Tables 182,162 "
1871-72 Board's Finance Statement 269,887 "

6th June 1873 No. 344A

19th Sept. No. 1888.

Cf. G.R. 21 Sept. 1874 No. 2089.

The material difference is due no doubt to the inclusion in the last year, and to the exclusion in other years, of the area of dry crops irrigated, but the instructions given for the preparation of the returns stated that all irrigation was to be included, and indeed this ought to have been self-evident from an inspection of the forms of the statement, with and any special instructions.

4. A Comparative statement of Irrigation and Rainfall for the Revised Districts has just reached this Office, and the area of the Districts therein shows differences from both of those before given.

11-72 and 12-73.

Districts received ——— acres 4709,120

Statement

——do—— just received ——— 4,503,680

Board's Statistical Tables ——— 5011,200

Cf. para 21 Engineers No. 2089.

Again as regards irrigated areas.

The area of Government land irrigated in 1872-73 was acres 30,924 and this was 691 acres in excess of that of 1871-72, consequently.

The area of the earlier year would be ——— 30,233

Similarly the area of Canal lands irrigated in 1871-72 is found from the returns to have been ——— 19719

Total area 49962

Turning to the Board's general statement for 1871-72, it appears that the

| | | Column |
|---|---|---|
| area of Government lands was acres | 32,039 | 10 |
| —"— Miscellaneous —"— | 1019 | 12 |
| —"— Inam and Communities —"— | 3193 | 20 |
| Total acres | 36251 | 24 |

5. The entries for Simenalty per cent and Assessed
Income - The areas of exemption
for 1868-69 Duties revised
returns as areas 249,720
—" 1869-70 Boards statistical
tables " " 159,857
—" 1871-72 Boards General
Statements " " 166,339
It is noted all likely that the differences between
249,720 and 166,339 acres is due to variations of standard
and the returns generally are directed that accurate
wide and exact as possible discrepancies.
6. The applications to be received to reduce the
Government of India again in Consequence stated
herein on which afterwards no reliance can be
placed, and as the Collectors to the Districts
Board and to the Board of Revenue have failed
to obtain returns which will bear examination
the orders of Government are solicited.

Office of the Chief Engr
for Irrigation
Bombay 21 Oct 73

Jas Caldwell Lieut Col RE
Chief Engineer for Irrigation

To
The Secretary to Govt

R/18 September 73 No 62 Irrig. Dept. 1873 Nov 13 Received

Referred to the
Revenue Department
for consideration with
all previous Correspondence on the
subject

Secy to Govt

13th Nov. 1873.

Referred to Collr Ahmedabad

Collr Surat

Collr Khandesh

Collr Poona

Collr Sholapur

Collr Ratnagiri

Collr Kanara

Collr Thana

Collr Kaira

Collr Broach

Collr Panch Mahals

Collr Ahmednagar

Collr Nasik

Collr Satara

Collr Sholapur

Collr Belgaum

Collr Dharwar

Collr Kolaba

No 1361

Letter Dated Jerusalem

Discharge of the Estate Greenwood

Under date the 6th December 1870.

Case for Delivery from the Chief

Registrar for Jurisdiction No 1 & 2.

Delivery under Govt Stamp

Endorsement to Govt effect not required

Sealed & Delivered 21 October 1873 before me

Sealed & Delivered 18 October

1870 before me Jno. Chas. Dalton the Governor

named therein & Jno. Hardcastle

Registrar in Communication with

Collector to Receive the Amount

to become payable by the

Testator's Estate under the

Provisions of the Ottoman Law

of Succession & Delivered by the

Governor to the Executor

Dated this 1st January 1871 in

the presence of Chas. Jno. Yates

Consul for Great Britain

Received the Amount

Duty Stamp

Cancelled

Jno. Chas. Dalton

Governor

Jno. Hardcastle

Registrar

Jno. Chas. Dalton

Governor

Jno. Hardcastle

Registrar

1325

Sub
Local Affairs Law Pro-
hibiting Penal Laws after the
Revolution of 1688

14 Brand of Rivers 3 des
21 Public Workshops 3 & Sess 73