No. 361. Read the following
the Government of India, ...
merce, to the Secretary to th
Simla, 15th July 1871, No.

REFERRING to your letter No. 1, ... measure, I am directed to request your early a... to the necessity of some plan for converting the Madras grain-measure in... ther the Government seers or pounds Avoirdupois, for the purpose of the c... arative price-current list of food-grains throughout India.

2. The statement accompanyi... your letter gives the size of the Madras measure at 100 cubic inches or 1·443 ... rts. As, however, the weight of a cubic inch varies in accordance with the spe... gravity of the substance computed by it, I am directed to request that you ... ascertain the actual weight in pounds Avoirdupois of the Madras grain-mea...

3. His Excellency in Council ... es not propose by these instructions to interfere in any way with the local measures. But for the purposes of the comparative statistics of the Empire, it is absolutely necessary that some practicable and simple scheme should be laid down for the ready conversion of the Madras grain-measure into pounds Avoirdupois, or into the standard weights of British India.

No. 362. ORDER THEREON, ... 1871, No. 1,318.

Miscellaneous.

... Government observe from Mr. W. H. Bayley's Memorandum on Weights and Measures that the Standard Madras "*Measures*" used by the Colle... were gauged in 1854 and 1858 at the Mint and by the Treasury scales, and ... the following results :—

Depth in inches	5·9
Diameter in ,, ...	4·75
Contents in cubic inches	104
Weight of water at 82° in tol...	146
Do. ,, in lbs	3·76
Do. of rice (struck) in tol...	117
Do. ,, ,, in lbs	3·01
Weight of rice liberally heape... n tolas	128
Weight of rice when slightly ... ed in tolas	120

2. None of these measures are p... ect cylinders. The above information will be furnished to the Government of I... dia with reference to Mr. Secretary Hume's letter above recorded.

(True Extract.)

(Signed) A. deC. SCOTT, Captain, R.E.,
Under-Secy. P.W.D.
for Secy. to Govt.

To the Board of Revenue.

Exd. F. R. Bantleman.

From

A. O. Hume Esqre CB
Secretary to the Govt of India
Department of Agriculture,
Revenue and Commerce

To

The Secretary to the Government
of Fort St George

Simla the 5th July 1871

Sir

Referring to your letter No 1081 dated 17th June 1871, with enclosures, I am directed to request your early attention to the necessity of some plan for converting the Madras grain measures into either the Government seers or pounds avoirdupois, for the purpose of the comparative Price Current List of food grains throughout India.

2 The statement accompanying your letter gives the size of the Madras measure at 100 cubic inches or 1.1143 quarts. As however, the weight of a cubic inch varies in accordance with the specific gravity of the substance computed by it, I am directed to request that you will ascertain the actual weight in pounds avoirdupois of the Madras grain measure.

3 His Excellency in Council does

...on for peace by these combinations to
...interfere in any way with the
...could be received. But for the pur-
...poses of the comparative Statistics of
...the Empire, it is absolutely necessary
...that some practicable and simple
...scheme should be laid down for the
...ready conversion of the Madras grain
...measure into pounds avoirdupois, or
...into the standard weights of British
...India

I have the honor to be
Sir
Your most Obdt Servant

J. Forbes

Secretary to the Govt of India

M

No 1318

The Secretary from
W. & B. Bayley Esqrs: on
Weights & Measures. That
the Standard Madras Measure
used by the Govt in 1854 and 1858. of the kind
by the Standard Weights and for
the following Articles.

Rice	Cwt	in Lbs	140
Wheat	do	in do	3.76
Ragy	do	in do	117
Cholum	do	do in do	3.01
Weight for Rice Gingelly			
Cumbu in Lbs			128
Weight for Dholl			
Gingelly Cumbu in Lbs			126

...from his Excellency
...Sir Charles Trevelyan
...Governor of Madras
...dated 25th July 1859