

Superintending Engineer's Office 6th Div.
Bangalore 4th June 1863.

N^o 34-

From

Captain E. A. Ford R. E.
Sup^y Eng^r 6th Div^y

To

Colonel W. A. Bidderwood R. E.
Secretary to Government
P. W. D.

Sir,

With reference to the Chief Engineer's Circular N^o 6736 of the 29th April containing instructions for registering the quantity of water falling into the sea, I have the honor to bring to your notice, that if the water escaping to the sea by each river, in the district is to be registered, an establishment will be required for the purpose, and some expence must be incurred.

2. The District Engineer of Bangalore has suggested a method by which an approximation to the quantity of water falling into the sea, may be obtained without much trouble, or expence.

3. The water which escapes to the sea, comes to the District

1st by the Cauvery

2nd by the Coleroon.

3rd by rain fall.

The quantity coming by the Cauvery can be measured; and if from this, the quantity required

for cultivation be deducted, the remainder
certainly finds its way into the sea. The
water passing over the lower Cheroon Anicut all goes
into the sea, and the quantity can be calculated
from the register that is kept at the Anicut.
The greater part of the cultivation being pro-
vided for by Canvey water, the deductions to
be made from the rain fall will be for
bank cultivation, evaporation, and absorption.

H. As it appears to me, that the
quantity of Water ^{that} falls into the sea can be
obtained in this way, with sufficient accuracy,
I beg to recommend that the Dist. Engineer's
suggestion be adopted.

I have the honor to be
Sir,

Your most Obedient Servant
Edmund Captain R. E.
Sup. Eng^r & Dir^r

1863
No. 31
June 1863

To
The Superintendent
of the
6th Division
of the
Army
at
Washington

June 1863

No. 31

Recommend that the
quantity of water falling
into the sea in the range
District be accounted
in the way suggested
by the District Engineer
with a view to

1863

No. 36
Approved

June 1863
Clerk

To The Superintendent
of the
6th Division
of the
Army
at
Washington

No. 31