

Superintending Engineer's Office
No 231
Kalkair 16 June 1863

From
Captain O.W.S. Chambers RE
Superintending Engineer
1st Division

To
Colonel H.J. Birdwood RE
Secretary to Government S.W.
Chepauk.

Enclosure
1

Sir,
With reference to your letter margin-
ally quoted I have the honor of
forwarding a statement showing the
discharge in cubic yards per hour
and per day over the 4 branches of the
Dowlaiswaram Aqueduct and thro'
their Surplus Sluices from 1st May to
31st December 1862.

*
No 58 of 16 May
1863

2. This discharge may for convenience
of reference be tabulated as follows

May 1862	0
June	0
July	12,295
August	51,139
September	38,637
October	32,431
November	3,101
December	263

Billions of Cubic
Yards per month

- 3 The minimum of discharge down the irrigation channels during the hot weather used to be reckoned by Colonel Randall and others at about 16 millions of cubic yards per day or 500 millions per mensem
- 4 In the discharge over the Aqueduct for the year past it must be borne in mind that the year in question past by without any considerable fresh flowing down the river.
5. I have checked some of Major Stoddard's calculations and find them correct. I think also that the results obtained by the formula used by him are fair approximations to the actual discharge of the river.

I have the honor &c &c

/ Signed/ O. B. Chambers. Cap. R.E.

Superintending Engineer 1st Division

/ True Copy/

O. B. Chambers/ Captain R.E.

Superintending Engineer

1st Division

W. H. & L. Deane
Pro-pts. & Contractors

No 2137

From
The Superintendent Eng
R Division

To The Secretary to Govt
Department of W

Dated 16 June 1863

Recd 16 October 1863

Recd No 231

Copy of a letter
forwarding statement
showing the discharge
in Cable Yards per
hour and per day over the
4 branches of the Dowl
since from 1st May
to 31 December 1862
M43

9 Dec 63
Chepault