

Table 18 - HDT.RP: Preliminary Stage Monitoring July 31st-August 5, 1859.

Date	Day	Time hour	Measurement inch	Comment
July 31st	Sun	6 Am	at X	
Aug 1st	Mon	6 Am	X - 3/4 > dif 1 1/2--average height X	On Monday morning it was 3/4 inch lower than on Sunday morning
	Mon	5 Pm	X+ 3/4	At 5 Pm Monday it had risen 1 1/2 inches higher than it was at 6 Am--
2nd	Tues	6 Am	X - 1/4	Bet 5 Pm Monday & 6 Am Tuesday fell 1 inch
Aug 2d	Tues	2 1/2 Pm	X + 1/2 inch > dif 3/4 average height	Then rose 3/4 by 2 1/2 Pm
Aug 3rd	Wed	6 Am	X - 1/2 > dif 5/8 av. X-3/16	Then fell 1 inch by 6 Am the 3rd
	Wed	2 Pm	X + 1/8 > a very slight shower in Pm	Then rose 5/8 by 2 Pm the 3rd
	Wed	8 Pm	at X	Then fell 1/8 by 8 Pm the 3rd
4th	Thu	6 Am	X - 1/16 > dif 11/16 av. X + 4 1/2 ["/16"]	fell 3/16 by 6 Am 4th
	Thu	2 Pm	X + 5/8	rose 5/18 by 2 Pm
	Thu	8 Pm	X + 1/16	Fell 1 1/8 by 8 AM 5th
5th	Fri	8 Am	X - 1/2 most rain at 5 or 6 Am & still rains	D

Notes:

1. "Each day it has fallen in the night & risen in the day--(from the {observations} of the last 3 days it has risen in the forenoon, the other days not observed so early)"
2. Tables of Stages from July 26, entered as entry for August 5
3. "Stage of the water within a week since July 26th refer rit it to the top of a stake (which I will call X) 3/4 inch above summer level"
4. Footnote runs up the page saying "July 25 water was 3 1/2 inch above S L." [page 222]
5. Summer level = 3/4 inch below top of X (stake).

Boatman reference, pages 192-194