

Table 1 - HDT.RP: River Surface Profiles for Two Different Floods

Flood Event	Location		Measurement		Source JR Page #	Comment
	General	Detail	Elevation above datum	Date		
March Freshet	Hill Bridge	West End, top of abutment under string pieces.	7 ft 8 inch asl	July 22	176	Therefore...the rise of the river last spring from Sherman's B. to Billerica Corner B-- was very to uniform --&about th same height above sumemr level--but it must fall off rapidly (a couple of 2 or three feet or more at the falls) [JR, Jul 22, 59]
	Middle Bridge	water marks on piers	7 ft 7 inch als	July 22	176	
	Turnpike Bridge	washed away marks	7 1/2 feet asl	July 22	176	
	House near Billerica corner	Go around in boat	7 feet at least	July 22	176	
	Stone Bridge	"Our stone bridge" on Concord River.	7 feet 6 3/4 inches asl			
	Sherman's Bridge	East end of upper side	7 feet 7 1/2 inches (maximum?)	July 12	148	
	Lees Bridge	East end	7 4/12 inches...less ..stone bridge....7 ft 6 3/4	July 12	149	
	Flints Bridge	top	7 ft 8 3/8 inches [water did not quite (but very nearly) come on to that Bridge)			
June Freshet	Carlisle Bridge	east end, shown by Simonds of Bedford,	stood over 8 1/2 feet asl there...I note quantity of hay 6 inches lower than 9 feet 1 1/2 inches [as watermark]	July 14	149	
	BridlePoint Bridge	Top of Planking in middle	7 feet 8 1/2;	July 31	211	
	Wayland Average	The average height of the lower side string pieces in middle of the 3 wooden bridges in wayland.	3 ft 7 inches		133	
	Concord average	5 in Concord	5--9" & 2/5	July 8	133	
	Carlisle and Billerica Average	4 in Carlisle & billerica	6--4	July 8	133	

Notes:

(1) All text except for first column and in brackets is a direct quote.

Boatman reference, page 153