

Table 16 - HDT.RP: Initial Stage Monitoring for Flood of June 22-28 1859, Lower Sudbury River

Date June, 1859	Time of day	Depth BHS inches	Thoreau's Text	Elapsed Time		Depth BHS inches	Stage SL Datum Feet
				Hours	Days Decimal		
22	9:00 AM	5 1/2	below Hoars Stone	0	0.00	5.50	5.08
22	6:00 PM	6 1/2	exactly below Hoars stone	9	0.38	6.50	5.00
23	ALL DAY	6 1/2	exactly below Hoars stone	33	1.38	6.50	5.00
24	ALL DAY	6	below hoars stone	57	2.38	6.00	5.04
25	2:00 PM	8 3/4	below hoars stoe	77	3.21	6.00	5.04
26	5:00 PM	10 1/2	below hoars stone	104	4.33	10.50	4.67
28	4:00 PM	14 1/3	below hoars stone	127	5.29	14.33	4.35
23	ALL DAY	4 1/4	above Flints low rock				

Notes:

- (1) Source is sheet of loose notebook paper in file at CFPL dated June 20.
- (2) Datum is "Hoar's Stone," here assumed to be the top of cornerstone of wall at Hoar's steps.
- (3) By Thoreau's reporting, his "summer level" is 5 ft 6 1/2 inches below the wall at Hoar's steps.
- (4) Box to left is Thoreau's original data. Bot to right is conversion for plotting.
- (5) Abbreviations. BHS, Below Hoar's Stone. SL, summer level.
- (6) Elapsed time from 9:00 AM on June 22, 1859.
- (7) Note that Hoar's steps are flooded by strong freshet.
- (8) There is no stage conversion given for Flint's low rock.

*Boatman* reference, page 153, 192