

Levels relating to Upper Water Power Janesville Wisconsin August 7. 1874.

Bench	Back Sight	Inst. Height	Fore Sight	Red.	White	Remarks
0.000						Datum line - Assumed height
10.000	3.990	13.990	4.325	9.665		Mean height of Upper dam as compared with datum line Back Sight on Mean Height of Upper dam.
16.217	11.191	20.856	4.639			but bench on upper surface of point of stone Icebreak - East side of chute.
13.032			7.824			but bench on East face of stone Icebreak East side of chute.
17.202			3.654			but bench on upper surface of stone Abutment - East side of dam.
10.000	3.990	13.990				Mean heights of upper dam as compared with datum line.
3.701			10.289			Bench on wood sill at tail race "Doty Works"
3.668			10.322			" " " " " S.W. cor. of new flume Doty's New <sup>Red Mill</sup>
12.499			1.491			" " top of west cap of new flume Doty's new Red Mill.
11.796			2.194			hereafter in measuring water used by Doty's New Red Mill.
17.202	1.681	18.883				but bench on upper surface of stone abutment East end of dam.
8.213			10.670			Bench on upright in S.W. cor. of float section of flume Doty's Works.
Aug. 8. 1874.						
17.202	1.968	19.170				but bench on upper surface of stone Abutment East end of dam.
8.263			10.907			Bench on upright in S.E. cor. of float section of flume Doty Works
8.366			10.804			Bench on top cross piece in N.E. cor. " " " " " Doty Works
8.231			10.939			" " upright in N.W. cor. of float sec. of flume Doty Works
7.422	15.635					
			11.888	3.747		S.W. cor. float section flume Doty Works.
			11.807	3.828		1 <sup>st</sup> inter. cast " " " "
			11.797	3.838		Average 2 <sup>nd</sup> " " " "
			11.853	3.782		3 <sup>rd</sup> " " " "
			11.878	3.757		S.E. cor. " " " "

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