

Reach			Measurements		Gradient		
Ref #	Start	End	Fall (ft)	Drift by River (rods)	fall in 100 rods	Ratio	ppm
1	Bridle Pt	Sud Canal	0.900	341	0.3	0.0001600	160
2	Sud Canal	Shermans B	0.485	1000	0.048	0.0000294	29
3	Shermans B	Lees	0.390	818	0.05	0.0000289	29
4	Lees	9 Acre Corner	0.120	750	0.027	0.0000097	10
5	9 Acre Corner	S. Br.	0.135	483	0.103	0.0000169	17
6	S. Br.	Stone	0.025	32	0.017	0.0000473	47
7	Stone	Hunts'	0.360	341	0.064	0.0000640	64
8	Hunts'	N.	0.035	171	0.026	0.0000124	12
9	N.	Carlisle	0.855	1318	0.054	0.0000393	39
10	Carlisle	Hills	0.095	658	0	0.0000088	9
11	Hills	Turnpike	0.250	453	0.016	0.0000334	33
12	Turnpike	Middle	0.000	136		0.0000000	0
13	Middle	Corner	0.065	394		0.0000100	10
14	Corner	Dam	0.200	434	0.04	0.0000279	28

Total (1834) 2.865
Total (1811) 4.324

Notes:

1. Column Gradient per 100 yards: "this column rudely calculated."
2. Ac to the levels of Baldins 2nd map taken Sep 1833 the fall bet....
3. ppm is parts per million. Note greatest slope from Stone to hunts

Boatman reference, pages 180-184