Time, min	D_2	$\bar{q}$ (Eqn. 2)	$\bar{D}$	$\bar{q}$ (Eqn. 1)		$q_2 = 2q - q_1$ cfs/ft
5	741.04	3.50	0.0	N.G.		0
10.42	0.00	5.21	0.0			0
10	20.84	0.00	15.6	0.0		0
15	41.67	0.12	36.5	0.03	N.G.	
	41.68	0.03	36.5	0.03		.06
20	52.10	0.0	46.9	0.07	N.G.	
	52.09	0.12	52.1	0.11		.16
25	62.50	0.12	57.3	0.15		.14
30	72.90	0.24	67.7	0.37	N.G.	
	72.89	0.36	67.7	0.37		.60
35	83.28	0.36	78.1	0.82	N.G.	
	83.24	0.84	78.1	0.82		1.04
40	93.56	1.20	88.4	1.68		
	93.52	1.68	88.4	1.68		2.32
45	103.74	2.40	98.6	3.25	N.G.	
	103.67	3.24	98.6	3.25		4.18
50	113.59	6.00	108.6	5.90		7.62
55	123.00	12.00	118.3	10.13	N.G.	
	123.1	10.8	118.4	10.8		13.98
60	132.02	18.0	127.6	16.5	N.G.	
	132.1	16.5	127.6	16.5		19.02

From now on, $q = (D_1 - D_2)/.083333$ by Eqn. (2)

Time, min	D_2	$\bar{q}$ (Eqn. 2)	$\bar{D}$	$\bar{q}$ (Eqn. 1)		$q_2 = 2q - q_1$ cfs/ft
65	131.1	12.0	131.6	20.0	N.G.	
	130.4	20.4	131.2	19.8	N.G.	
	130.5	19.2	131.2	19.5		19.98
70	128.5	24.0	129.5	18.0	N.G.	
	128.8	20.4	129.7	18.1	N.G.	
	129.0	18.0	129.8	18.1		16.22
75	127.7	15.6	128.4	17.0	N.G.	
	127.6	16.8	128.3	16.8		17.38
80	126.3	15.6	127.0	16.0		14.62
85	125.1	14.4	125.7	15.1	N.G.	
	125.0	15.6	125.7	15.2		15.78
90	123.8	14.4	124.4	14.2		12.62
95	122.6	14.4	123.2	13.2	N.G.	
	122.7	13.2	123.2	13.2		13.78
100	121.6	13.2	122.2	12.5	N.G.	