

## Results from Field Measurements taken on 18 April 2005

1) leaf speed - 1.2 s, 1.4s, 1.5s over 36 inches

<u>distance</u> (m)	<u>depth</u> (in)	<u>flow</u> (m/s)
0.22	0	
0.4	1	0
0.55	1.25	0
0.7	2.5	0
0.85	4.75	0
1	3 1/8	0
1.15	8	0.992
1.3	9 1/8	0.682
1.5	10	0.606
1.65	10.75	0.574
1.8	11.5	1.35
1.95	11	1.80
2.1	10.5	1.53
2.25	8	0.989
2.4	8	0.873
2.55	7	0.074
2.70	2	0
2.95	0	

3) Flood cobble measurements: 3.5 in long, 2 7/8 in wide, 2.0 in height