

Table 1. Average Current Speed, Maximum Current Speed, Time Weighted Total Mass Flux and Flux Weighted Percentages of Clay, Silt, and Sand Recorded in December 2005 and January 2006a

Station and Depth	u, cm s ⁻¹	umax, cm s ⁻¹	TMF, g m ⁻² d ⁻¹	Clay (<4 μm), %	Silt (4-63 μm), %	Sand (>63 μm), %
December 2005						
LD 300 m	6.7	38.1	12.85	40.1	48.4	11.6
LD 1000 m	3.9	14.4	2.54	41.7	54.7	3.6
LD 1500 m	N.D.	N.D.	0.05	N.D.	N.D.	abs.
CC 1000 m	3.3	14.4	2.48	44.6	53.2	2.2
CC 1500 m	4.1	21.1	0.09	N.D.	N.D.	abs.
CC 1900 m	6.8	17.6	0.05	N.D.	N.D.	abs.
OS 1000 m	7.2	27.0	0.27	N.D.	N.D.	abs.
OS 1900 m	5.5	24.3	0.03	N.D.	N.D.	abs.
January 2006						
LD 300 m	29.5	72.7	3.43	34.8	48.2	17.1
LD 1000 m	5.8	21.1	30.84	36.2	57.2	6.6
LD 1500 m	N.D.	N.D.	1.34	39.7	52.1	8.2
CC 1000 m	12.8	73.6	74.46	26.8	50.6	22.6
CC 1500 m	10.3	34.3	5.36	35.6	60.4	4.0
CC 1900 m	14.5	34.3	0.69	38.6	52.5	8.9
OS 1000 m	18.6	54.6	18.74	33.5	57.0	9.6
OS 1900 m	12.3	31.7	3.00	37.5	57.7	4.8

aHere u is average current speed, umax is maximum current speed, TMF is time weighted total mass flux, N.D. means no data available due to malfunctioning of the current meter or lack of available sediment for grain size analysis; abs. means absence of sand in low flux samples as determined by visual inspection.