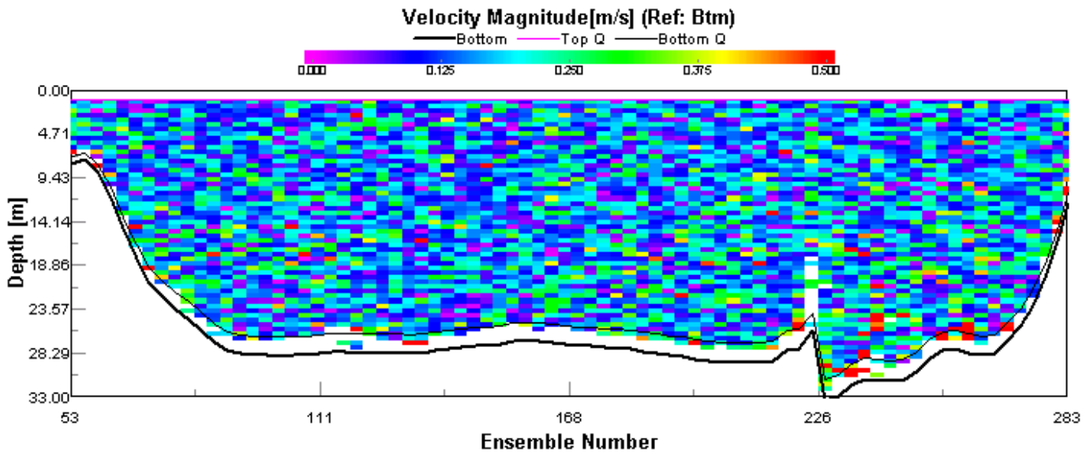
Appendix Q

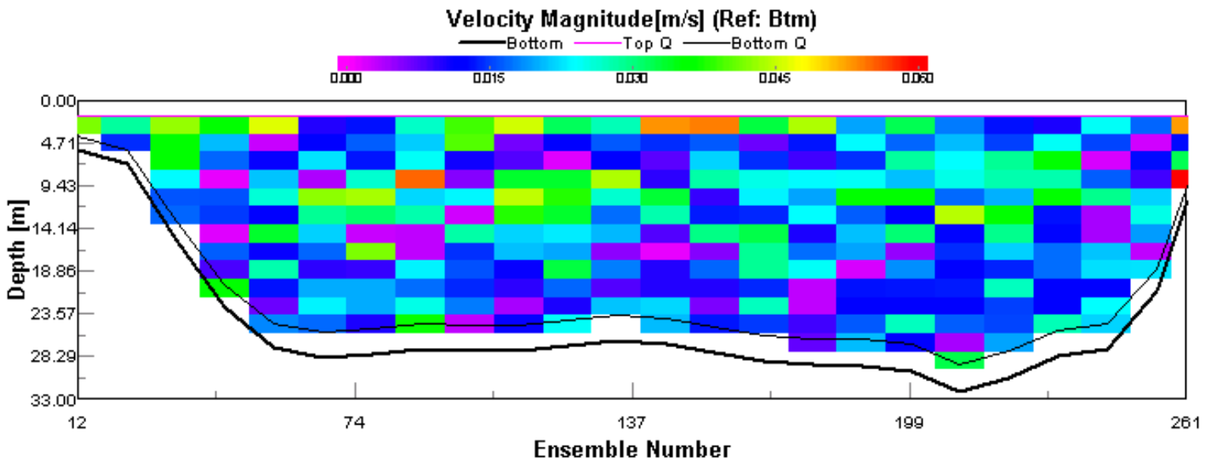
CONTOUR PLOTS OF CURRENT DATA

CONTOUR PLOTS OF CURRENT DATA – TRANSECT 1

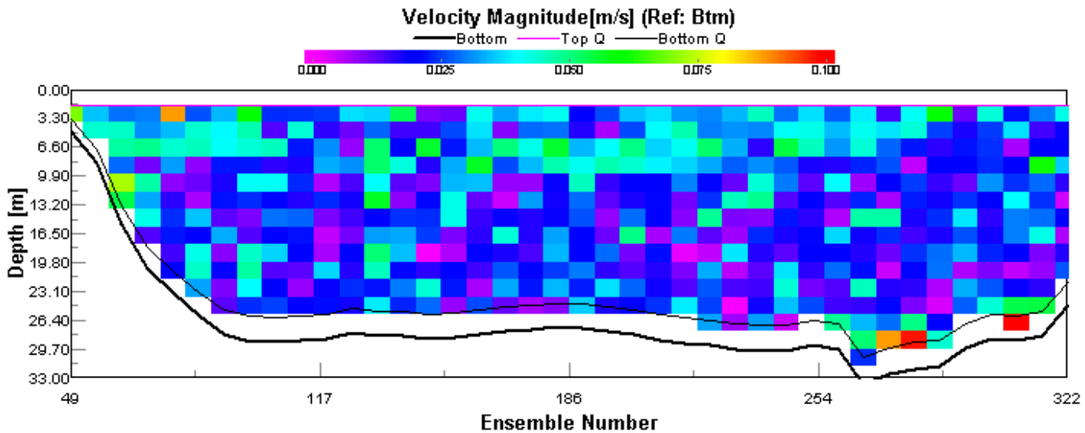
Spring –2003
Average: 2 ensembles
Discharge: 134.15 m^3/s



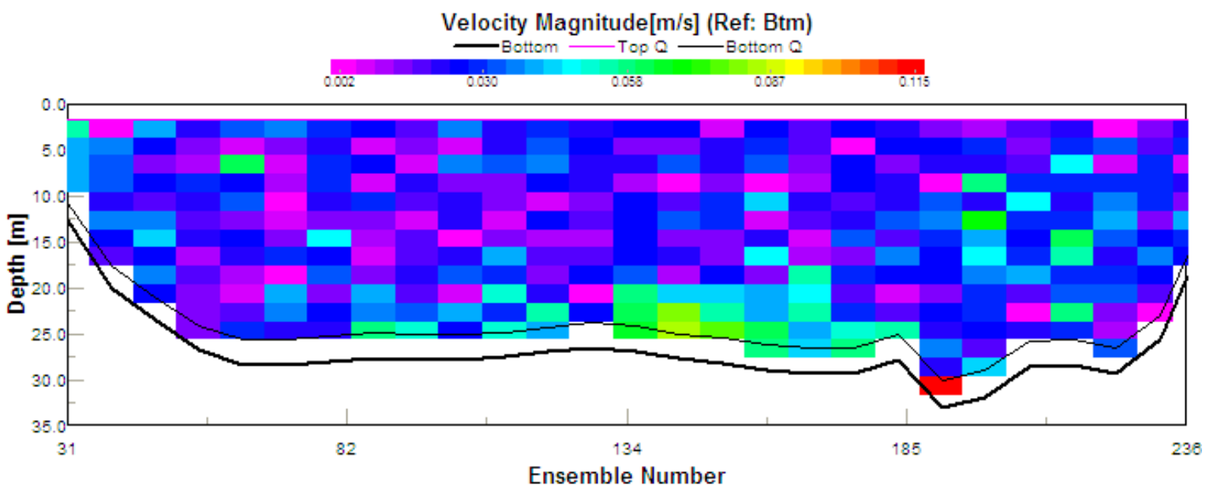
Fall – 2003
Average: 11 ensembles
Discharge: 8.18 m^3/s



Summer – 2003
Average: 7 ensembles
Discharge: 68 m^3/s



Winter – 2003
Average: 8 ensembles
Discharge: 91 m^3/s



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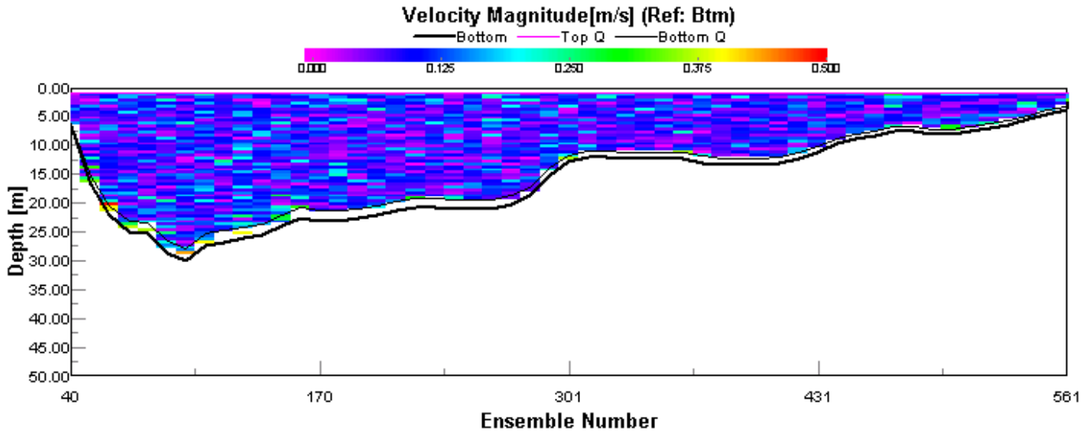
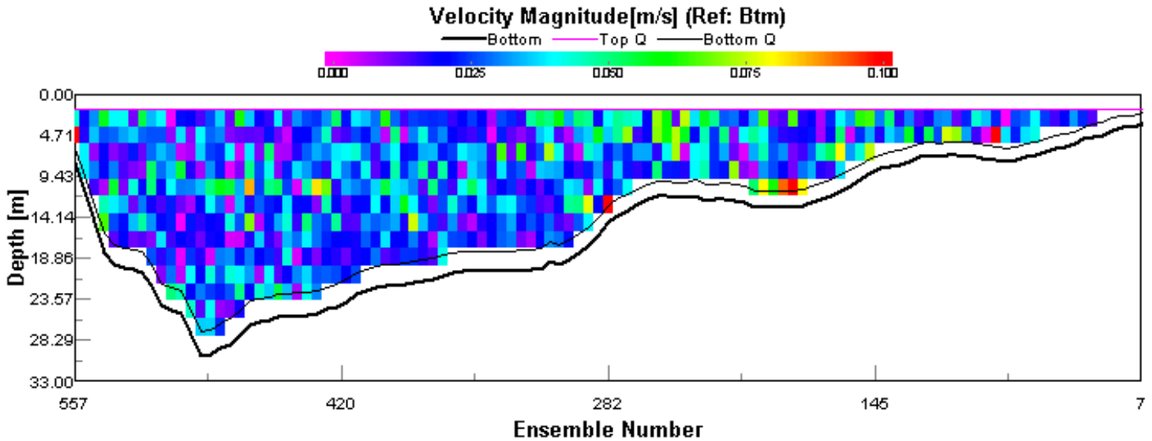
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 2

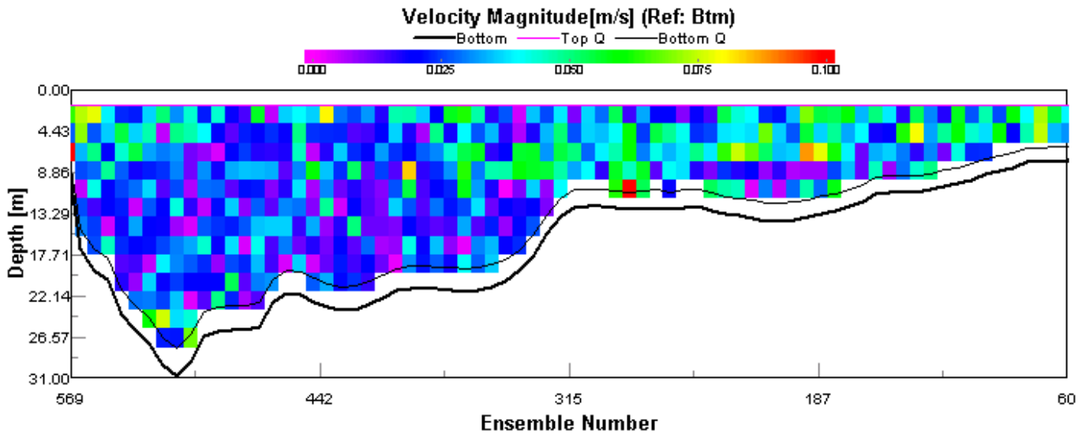
Spring – 2003
Average: 10 ensembles
Discharge: 188.08 m^3/s



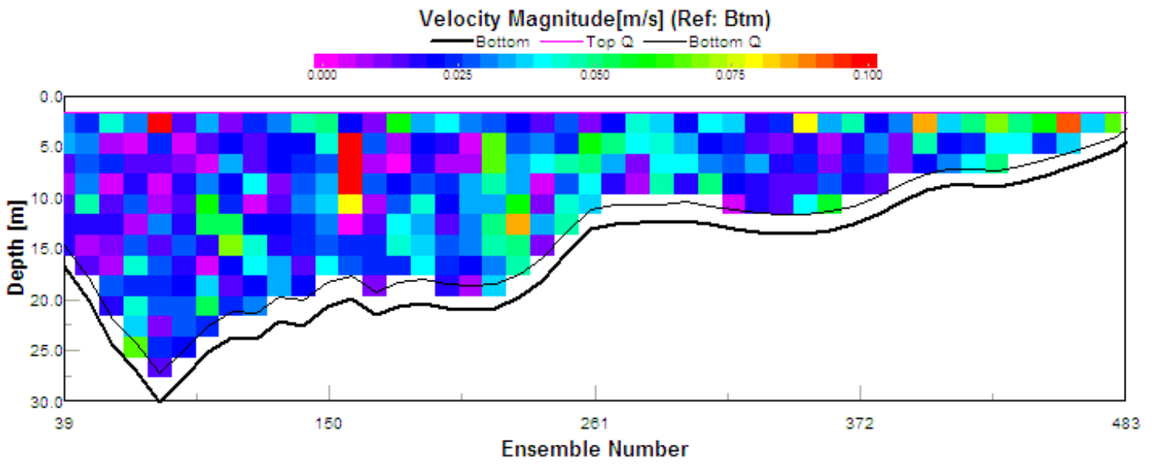
Fall – 2003
Average: 5 ensembles
Discharge: 10.07 m^3/s



Summer - 2003
Average: 7 ensembles
Discharge: 318 m^3/s



Winter – 2003
Average: 10 ensembles
Discharge: 91 m^3/s



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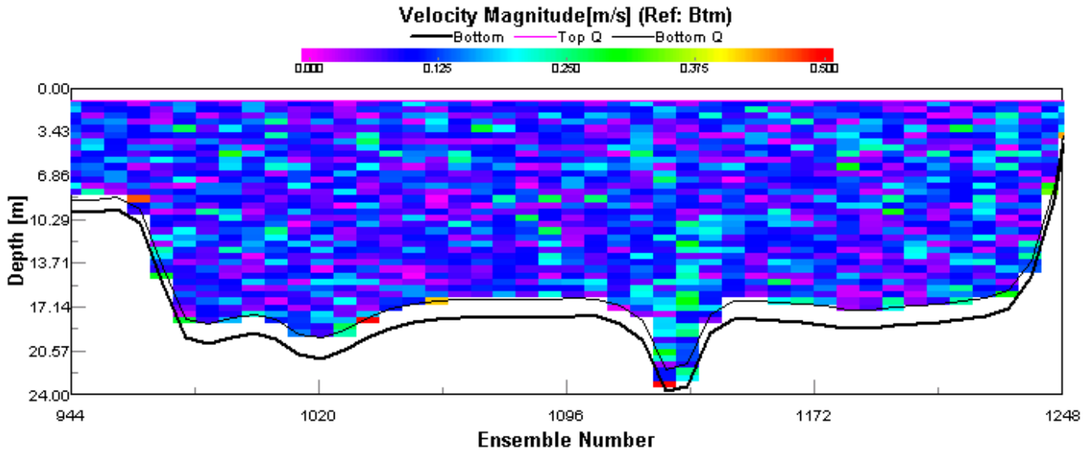
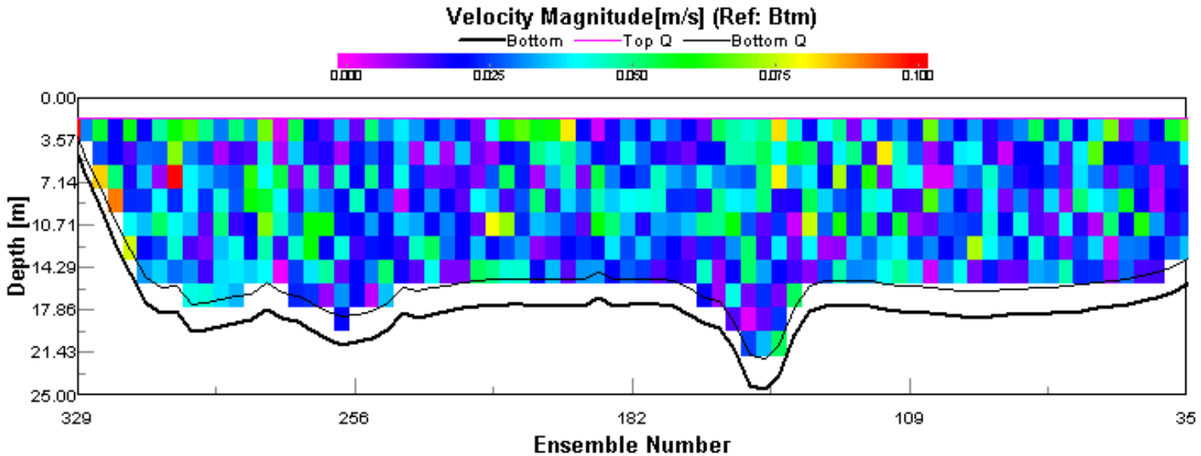
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 3

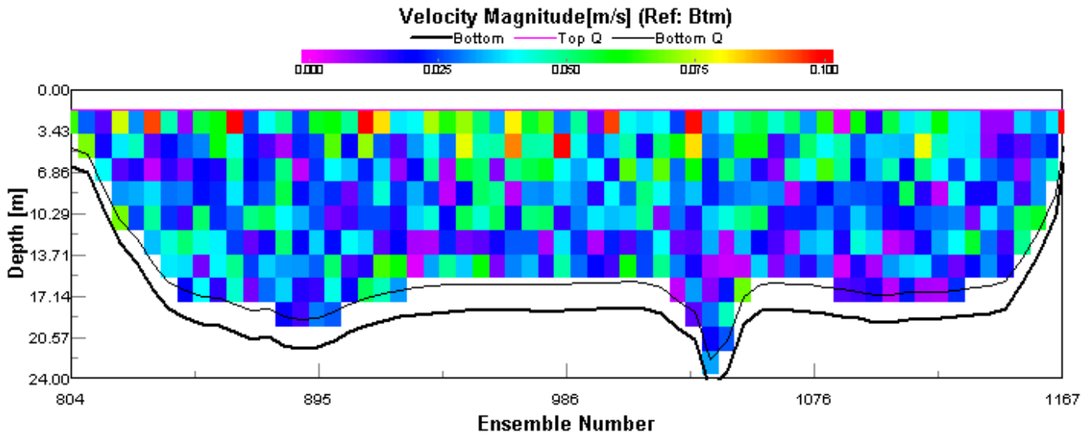
Spring – 2003
Average: 7 ensembles
Discharge: 56.80 m^3/s



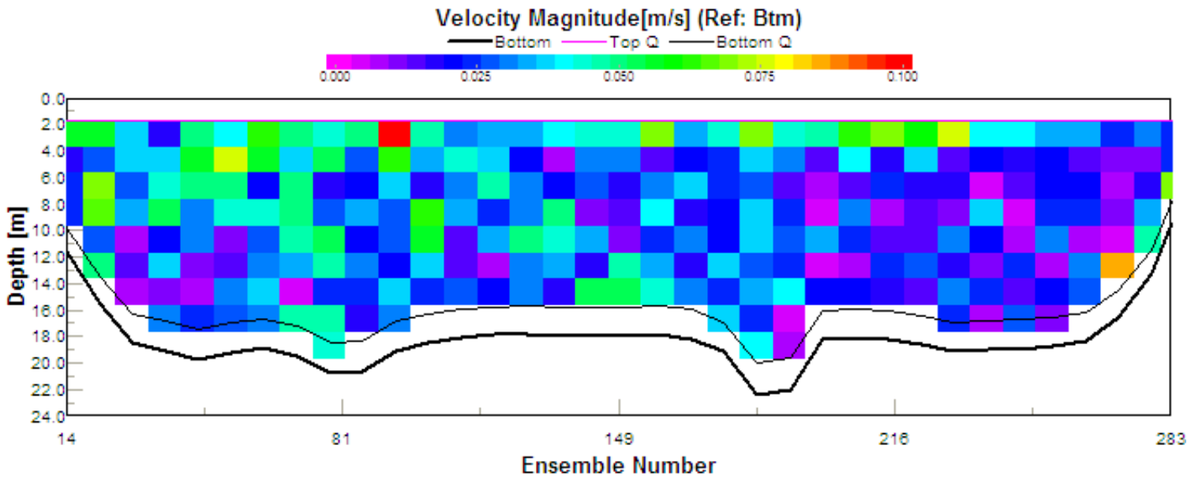
Fall – 2003
Average: 4 ensembles
Discharge: 63 m^3/s



Summer – 2003
Average: 6 ensembles
Discharge: 44 m^3/s



Winter – 2003
Average: 8 ensembles
Discharge: 104 m^3/s



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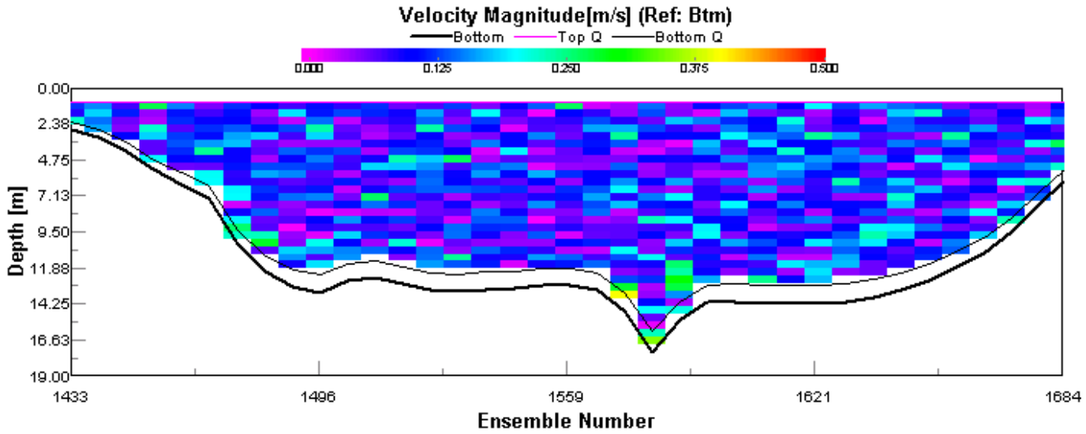
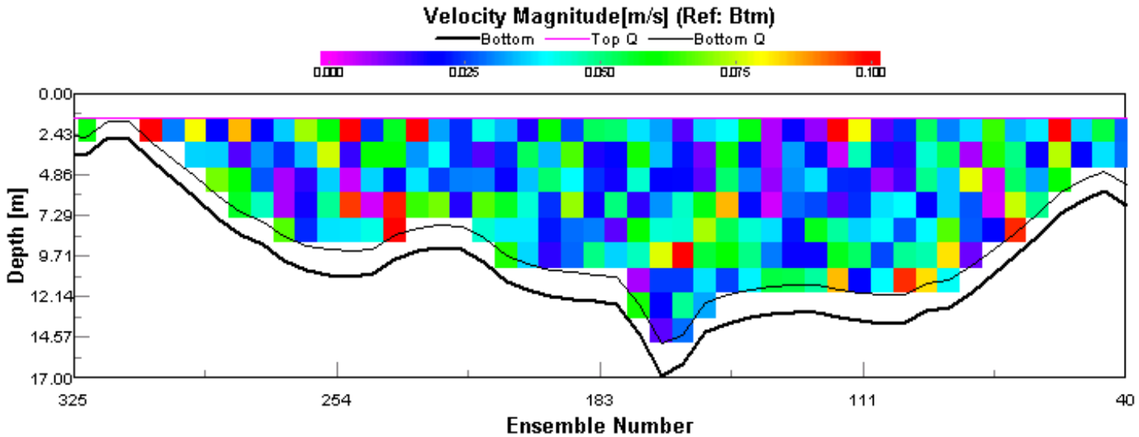
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 4

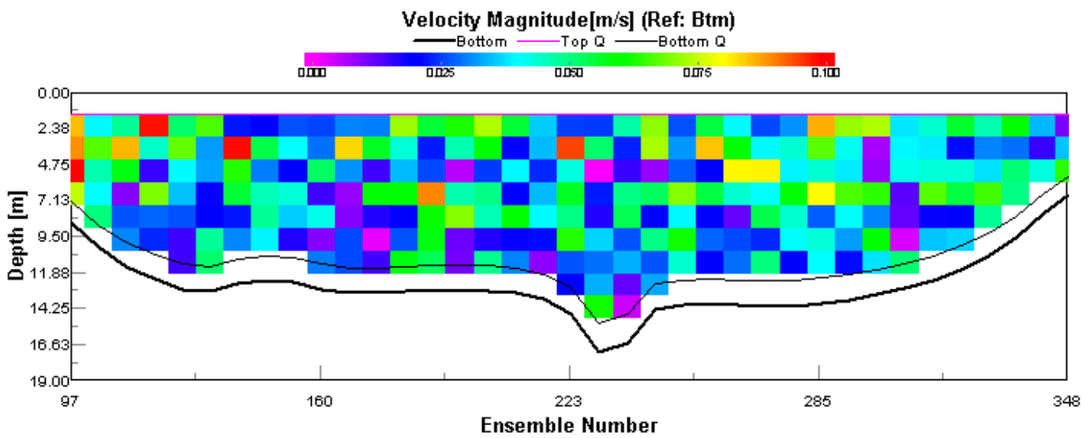
Spring – 2003
Average: 7 ensembles
Discharge: 53.05 m^3/s



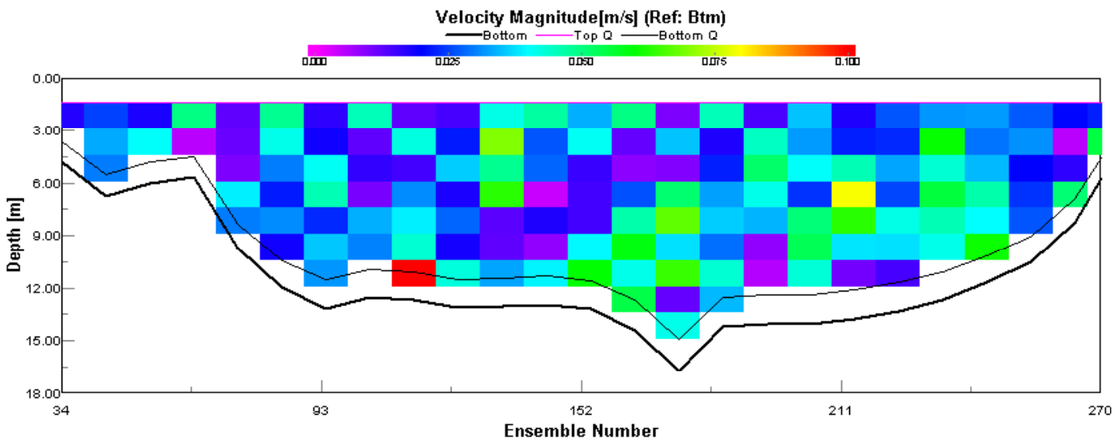
Fall – 2003
Average: 6 ensembles
Discharge: 56.31 m^3/s



Summer – 2003
Average: 7 ensembles
Discharge: 29 m^3/s



Winter – 2003
Average: 10 ensembles
Discharge: 107.75 m^3/s



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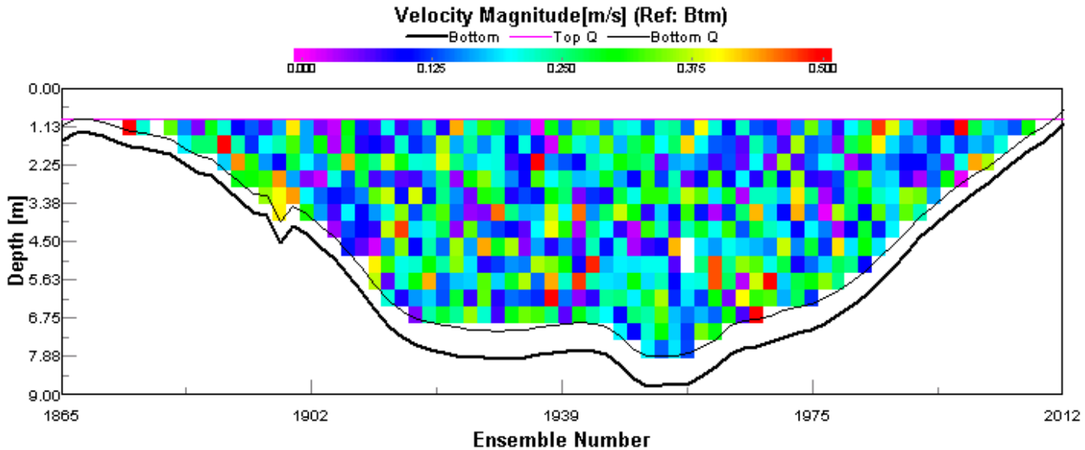
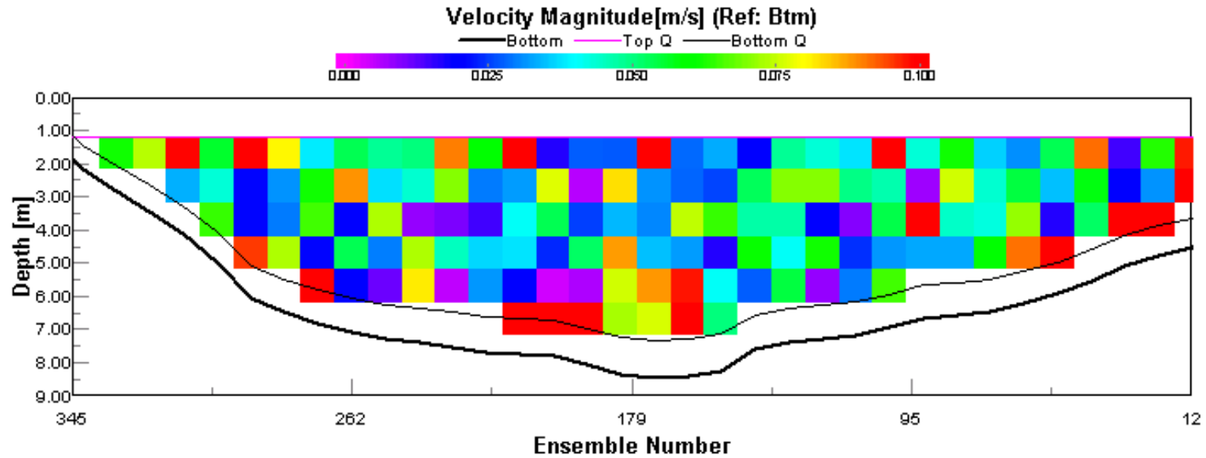
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 5

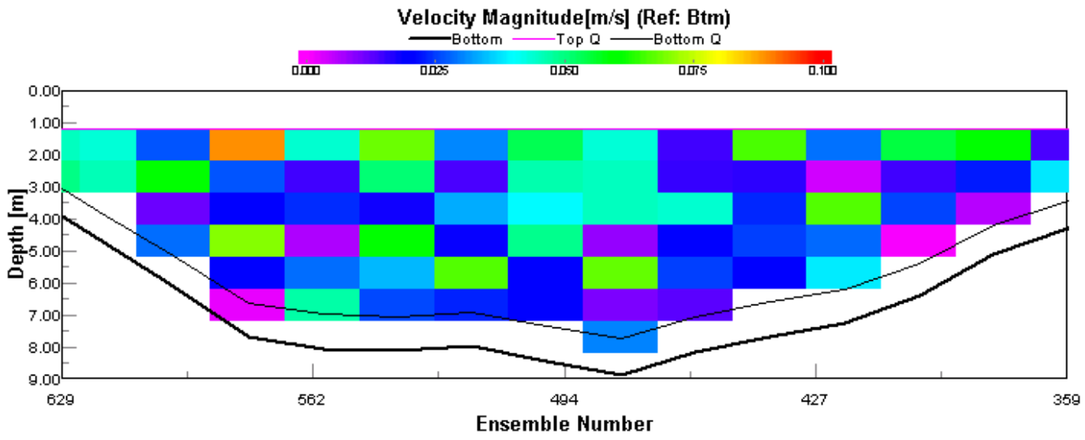
Spring – 2003
Average: 2 ensembles
Discharge: 12.6 m^3/s



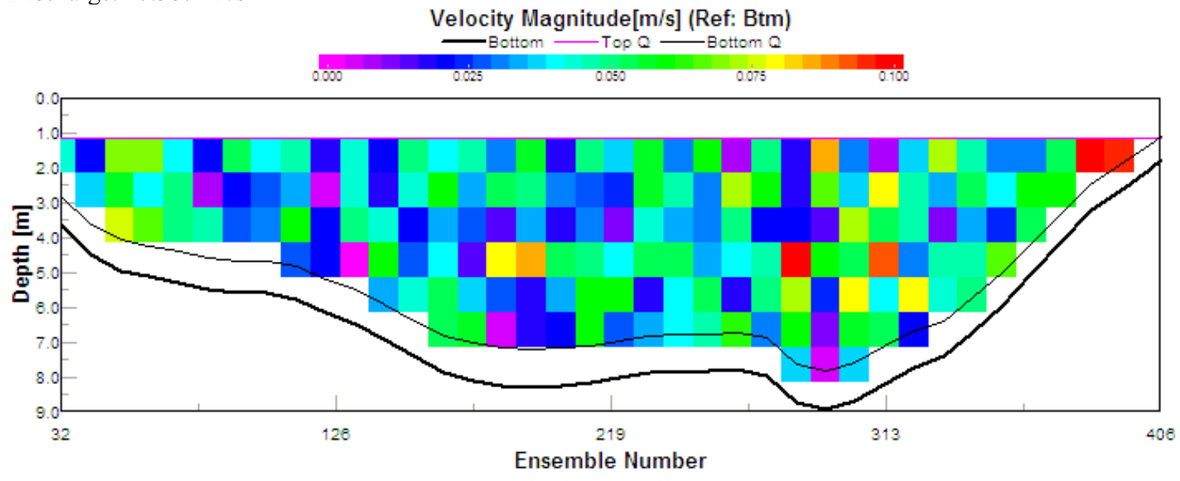
Fall – 2003
Average: 10 ensembles
Discharge: 25.19 m^3/s



Summer – 2003
Average: 20 ensembles
Discharge: 8 m^3/s



Winter – 2003
Average: 10 ensembles
Discharge: 17.387 m^3/s



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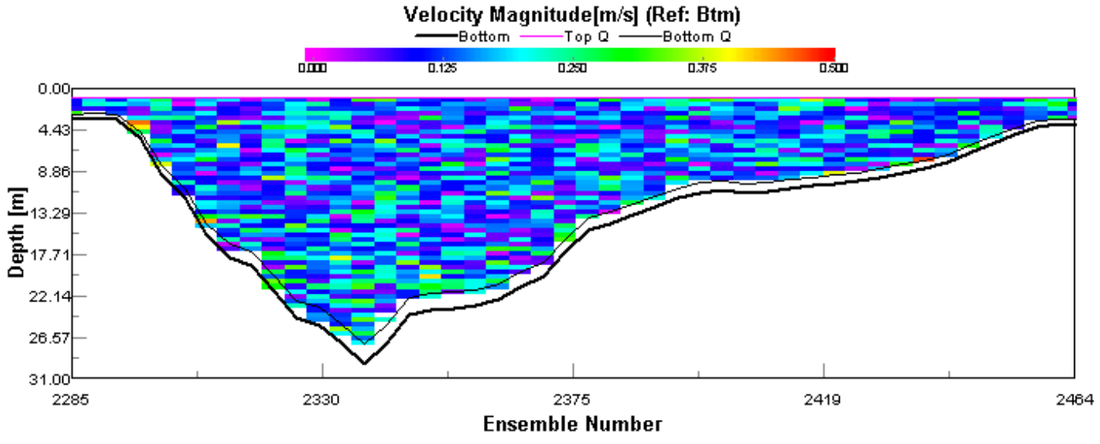
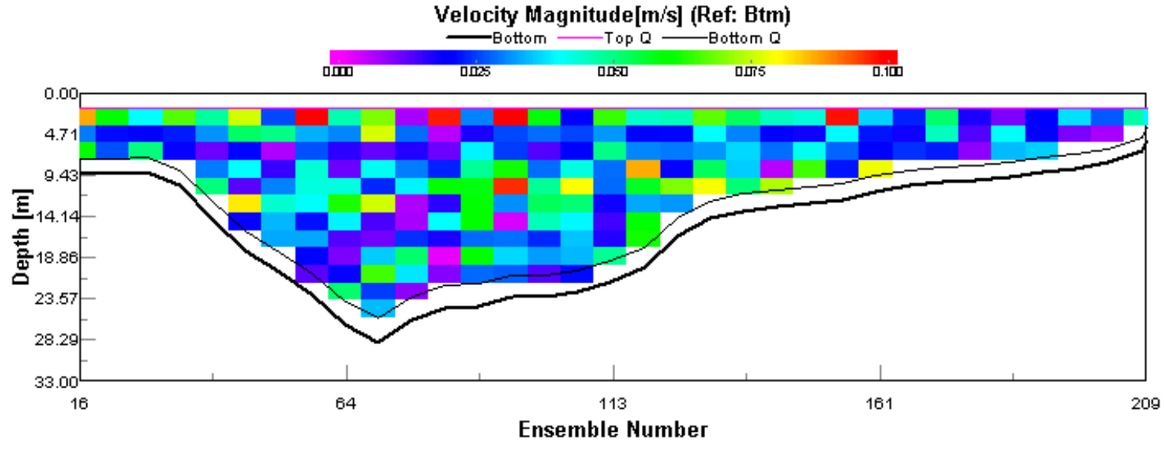
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 6

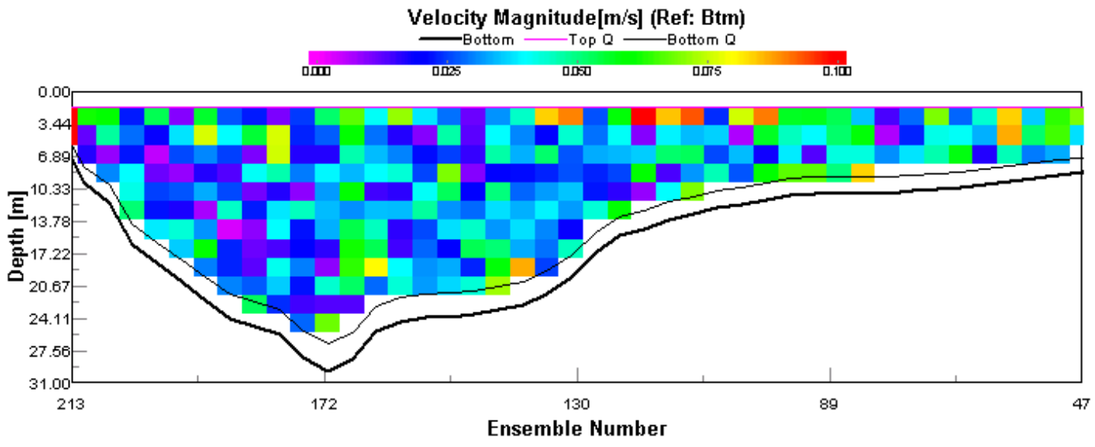
Spring – 2003
Average: 4 ensembles
Discharge: 57.23 m^3/s



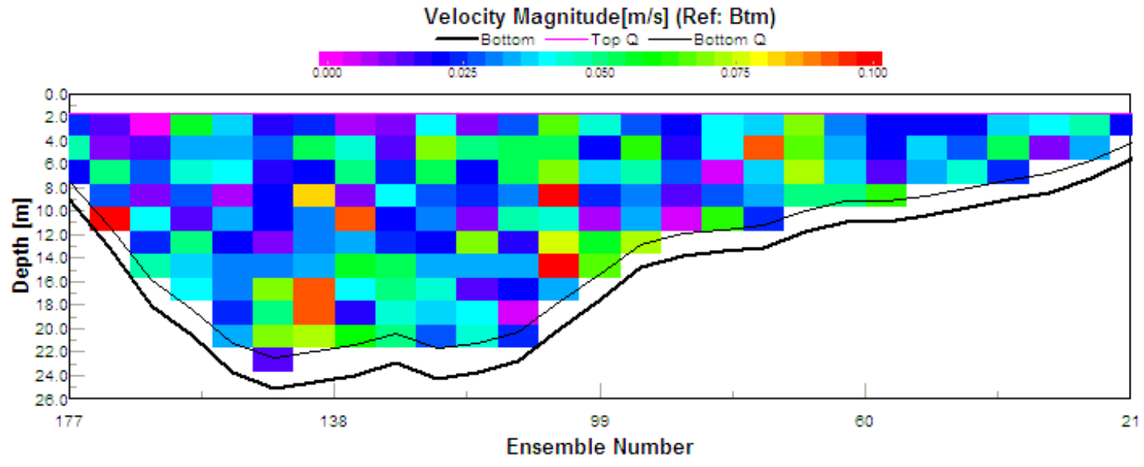
Fall – 2003
Average: 6 ensembles
Discharge: 4.7 m^3/s



Summer – 2003
Average: 4 ensembles
Discharge: 52 m^3/s



Winter – 2003
Average: 6 ensembles
Discharge: 62.2 m^3/s



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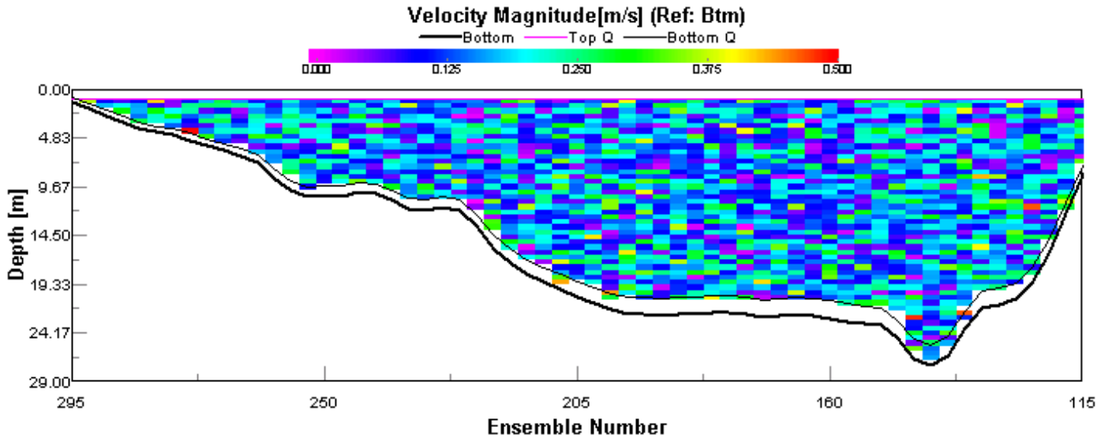
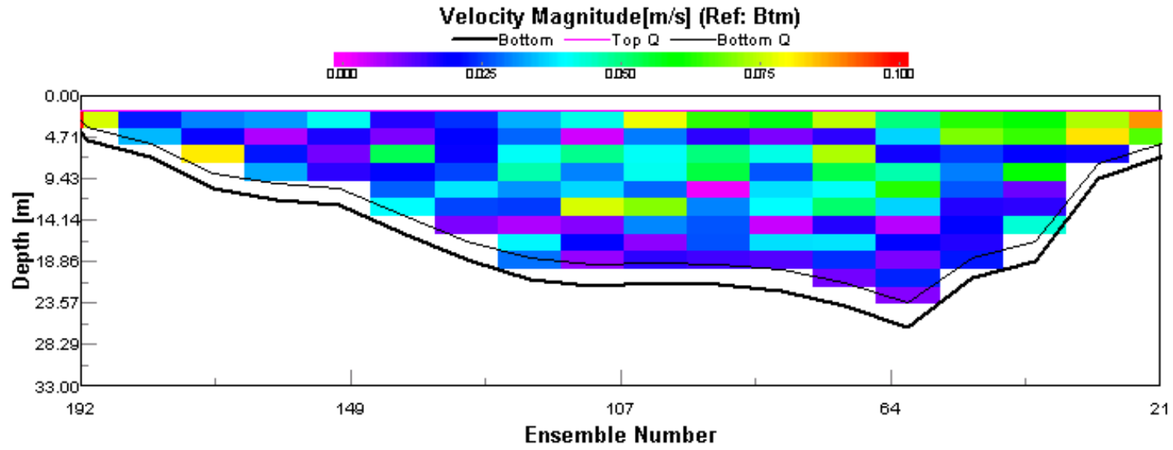
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 7

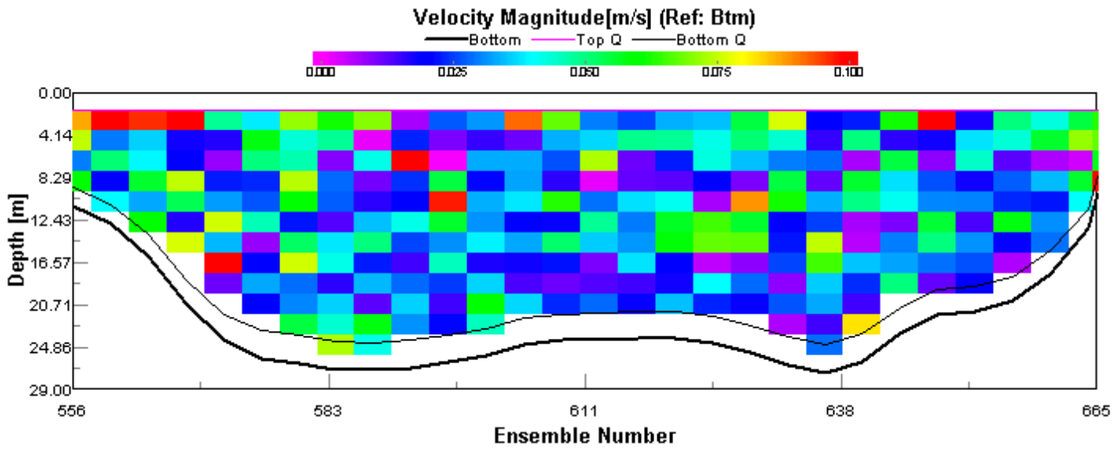
Spring – 2003
Average: 3 ensembles
Discharge: 34.83 m^3/s



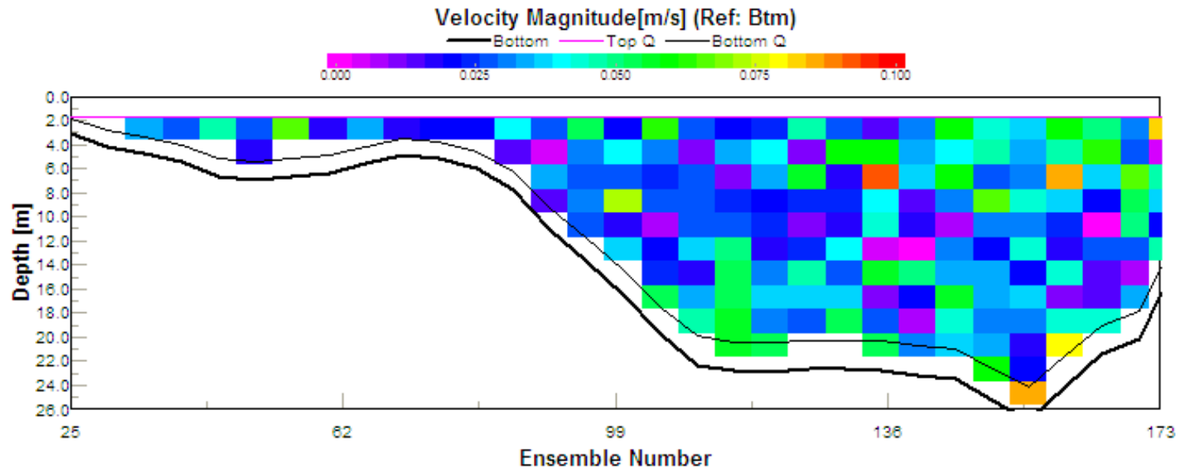
Fall – 2003
Average: 3 ensembles
Discharge: 40.6 m^3/s



Summer – 2003
Average: 4 ensembles
Discharge: 29 m^3/s



Winter – 2003
Average: 5 ensembles
Discharge: 5.736 m^3/s



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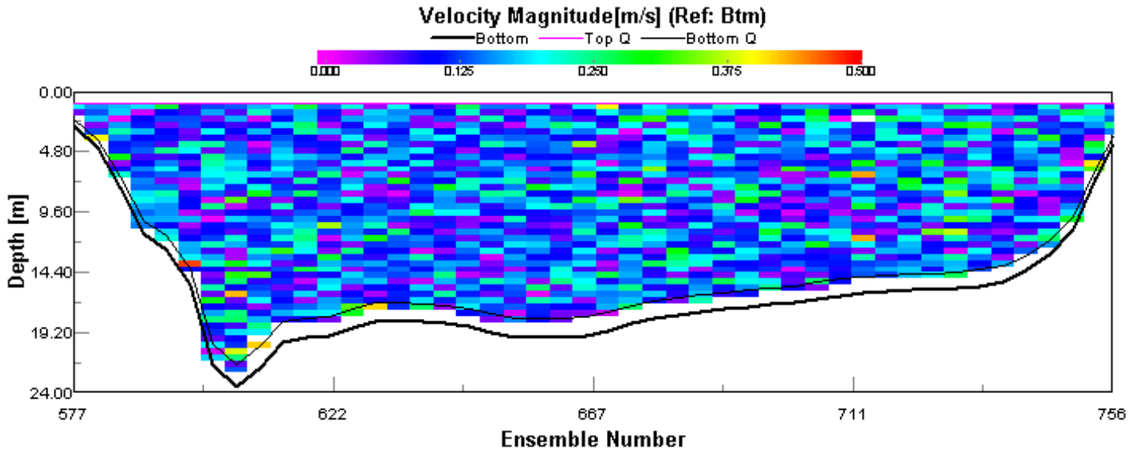
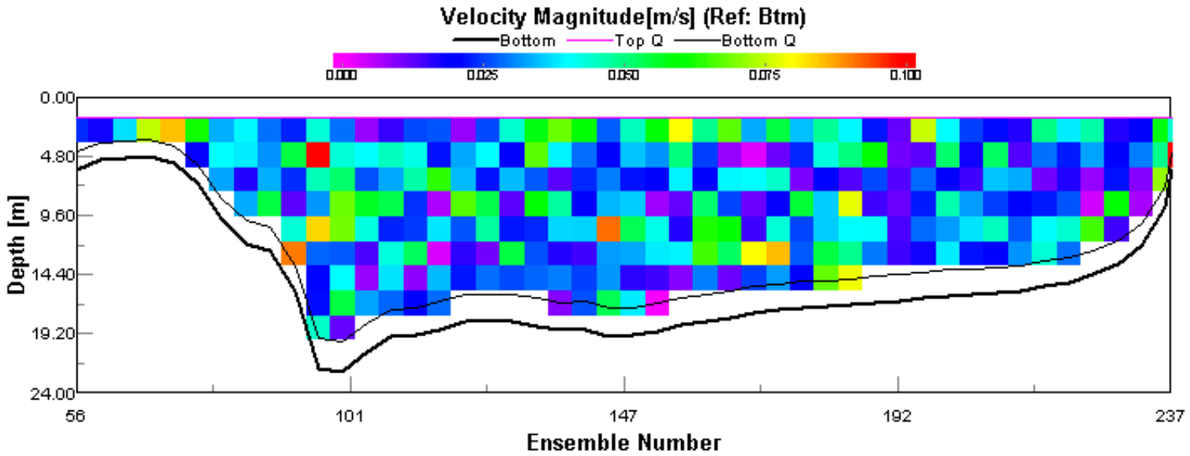
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 8

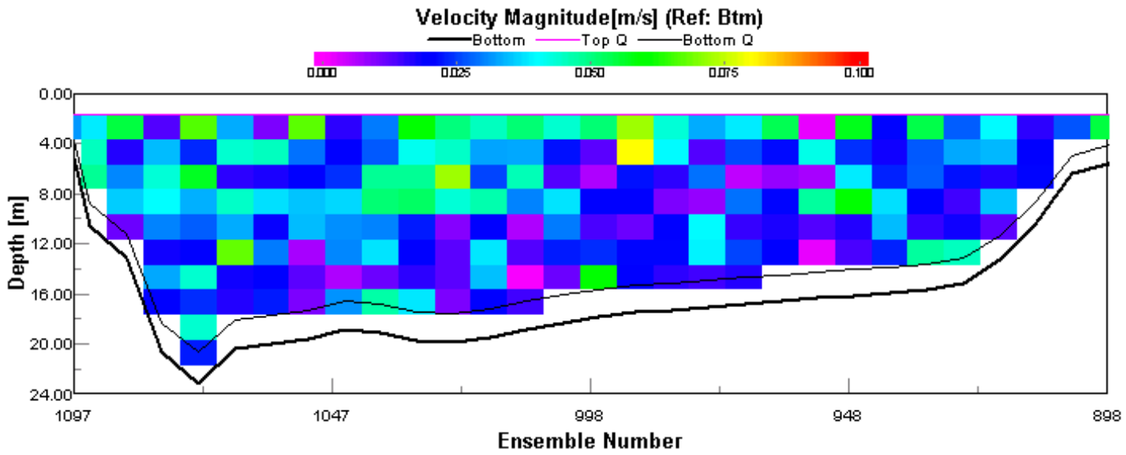
Spring – 2003
Average: 4 ensembles
Discharge: not supported



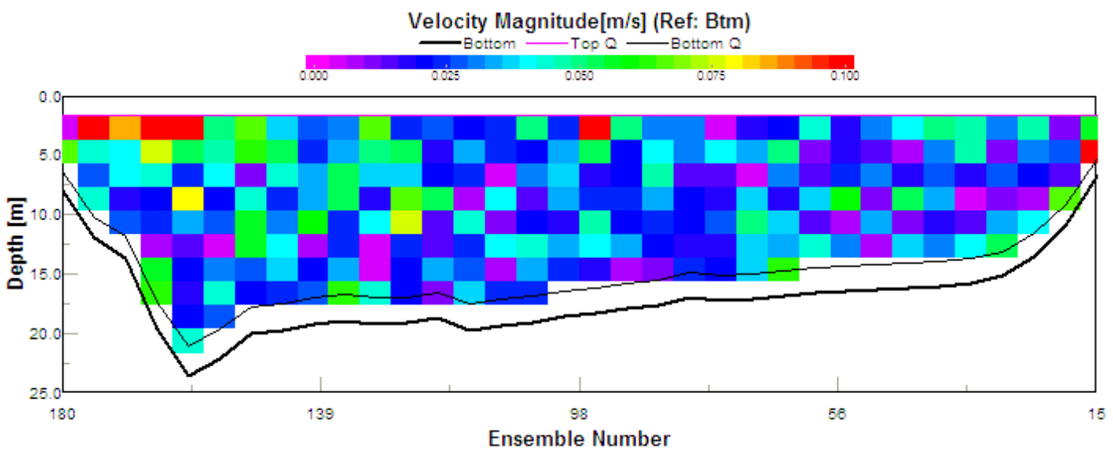
Fall – 2003
Average: 4 ensembles
Discharge: 25.64 m^3/s



Summer – 2003
Average: 7 ensembles
Discharge: 69 m^3/s



Winter – 2003
Average: 5 ensembles
Discharge: 90.746 m^3/s



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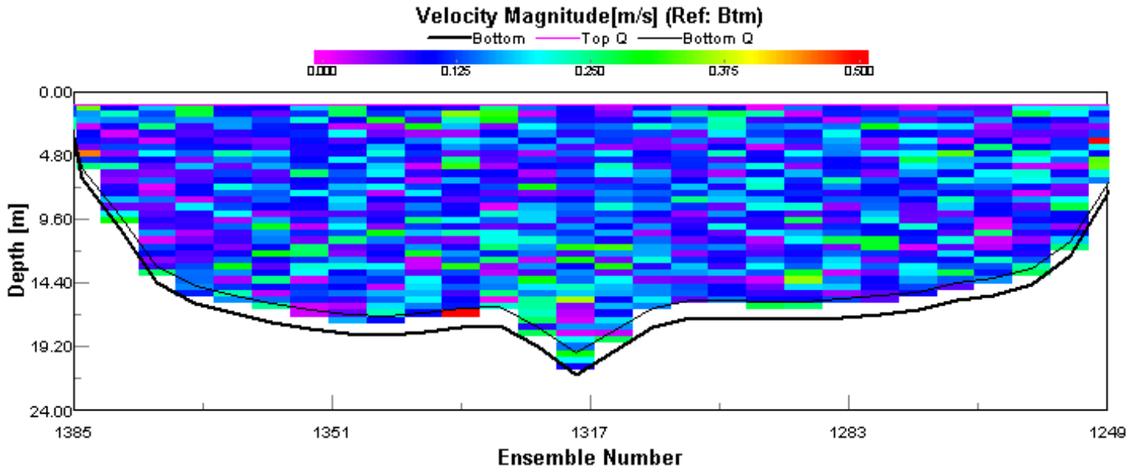
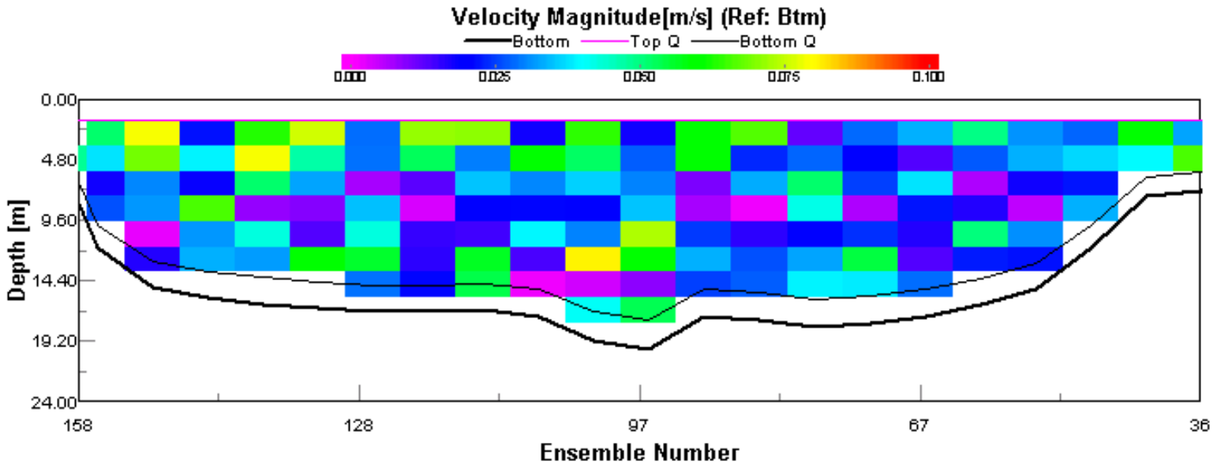
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 9

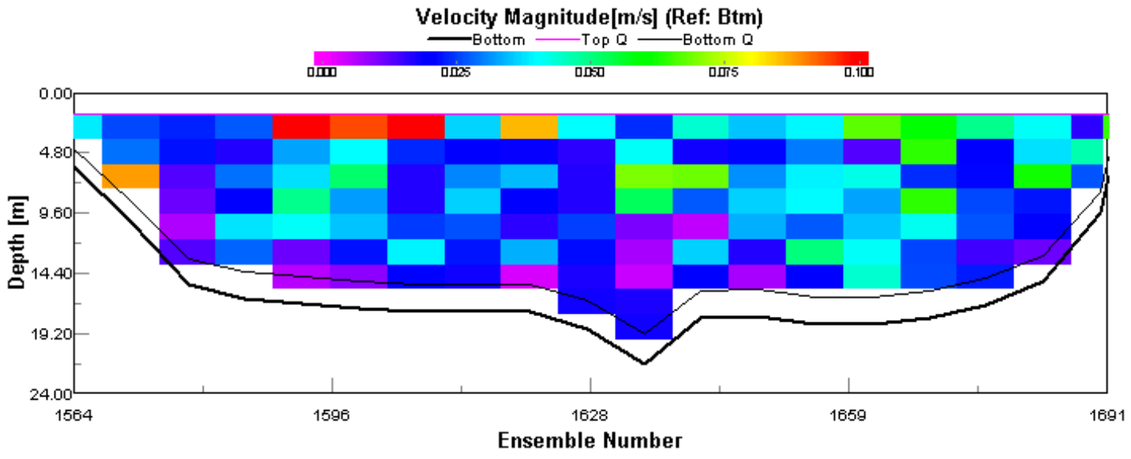
Spring – 2003
Average: 5 ensembles
Discharge: 39.90 m^3/s



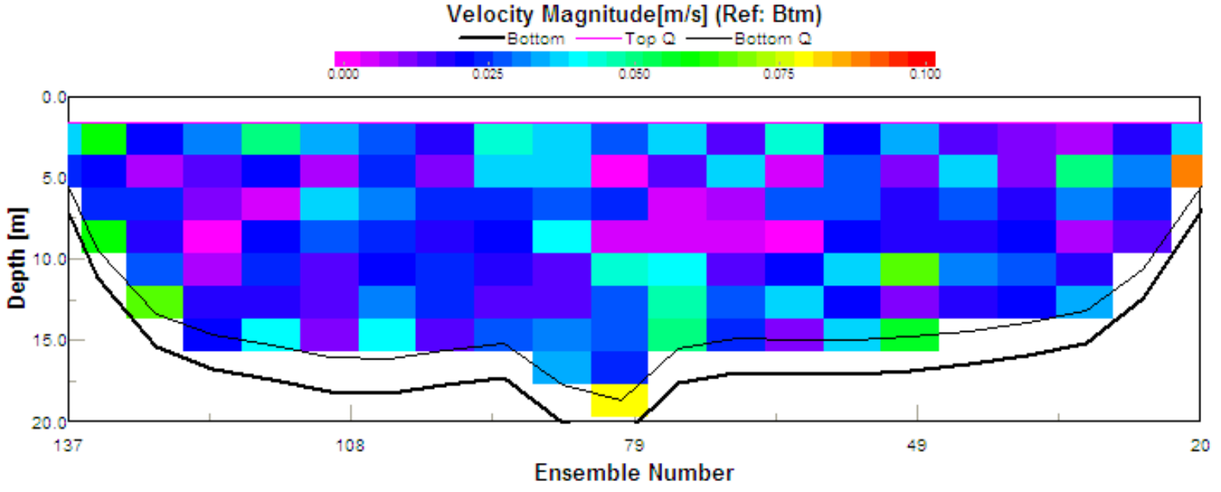
Fall – 2003
Average: 6 ensembles
Discharge: 29.59 m^3/s



Summer – 2003
Average: 7 ensembles
Discharge: 40 m^3/s



Winter – 2003
Average: 6 ensembles
Discharge: 6.22 m^3/s



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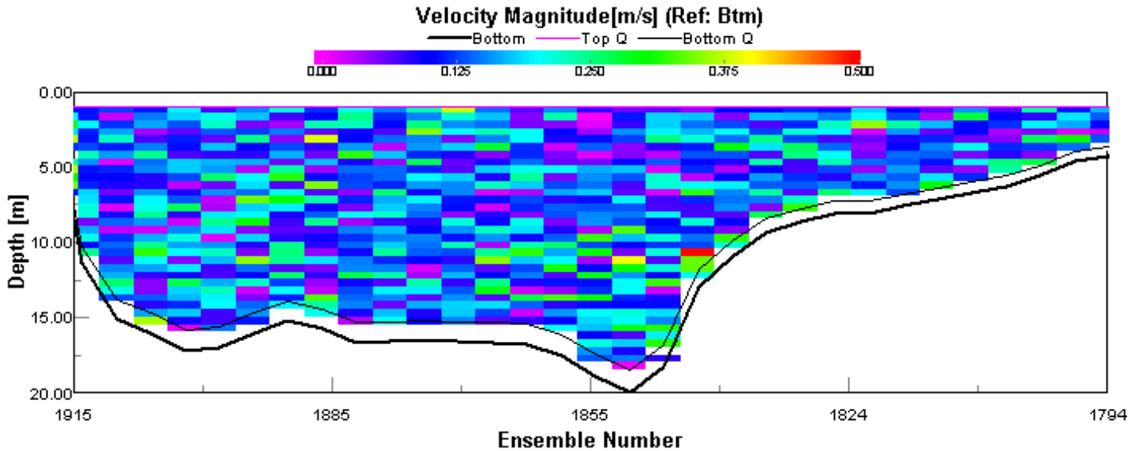
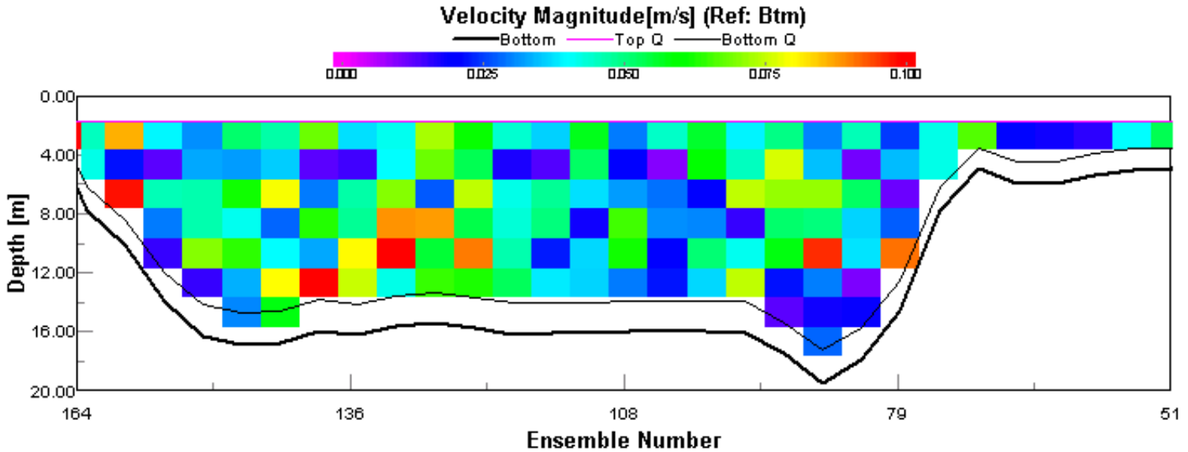
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 10

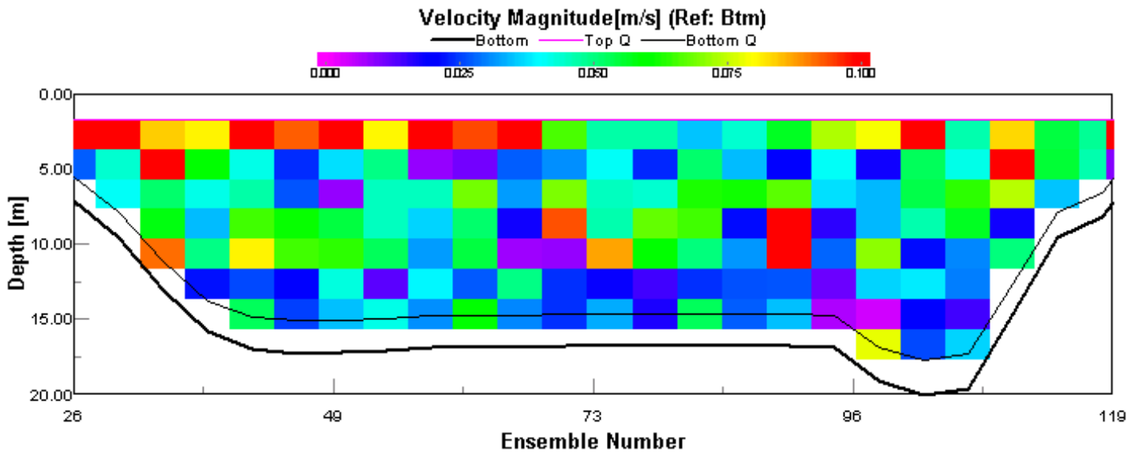
Spring – 2003
Average: 4 ensembles
Discharge: 40.83 m^3/s



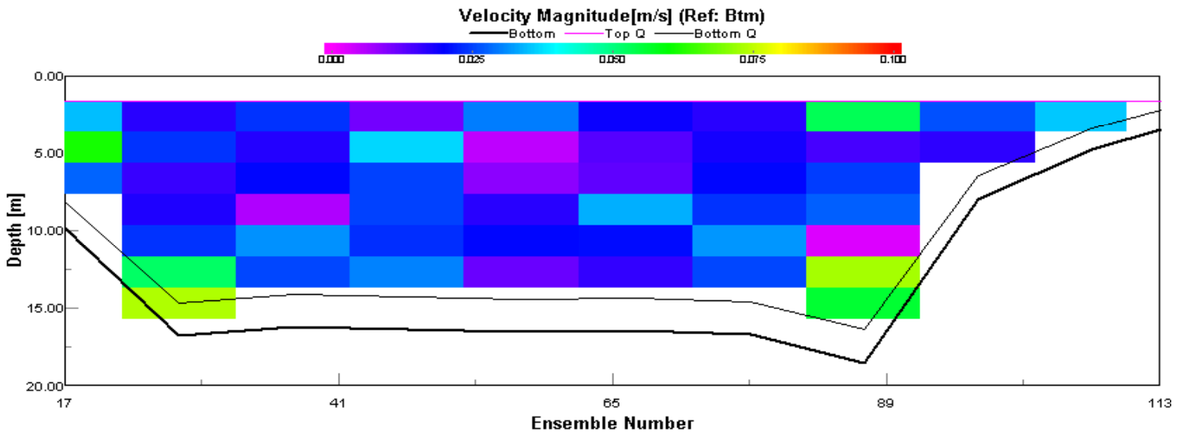
Fall – 2003
Average: 4 ensembles
Discharge: 99.24 m^3/s



Summer – 2003
Average: 4 ensembles
Discharge: 46 m^3/s



Winter – 2003
Average: 10 ensembles
Discharge: 0.61 m^3/s



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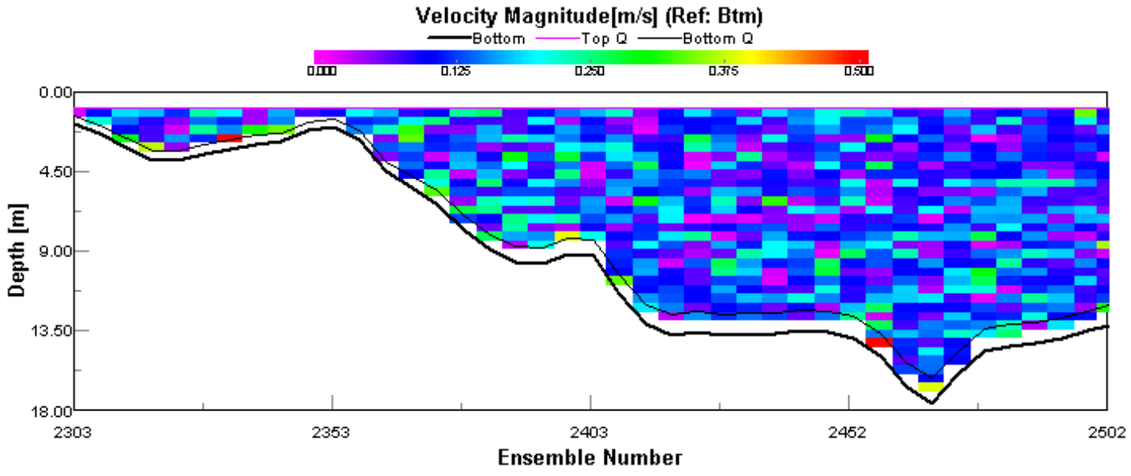
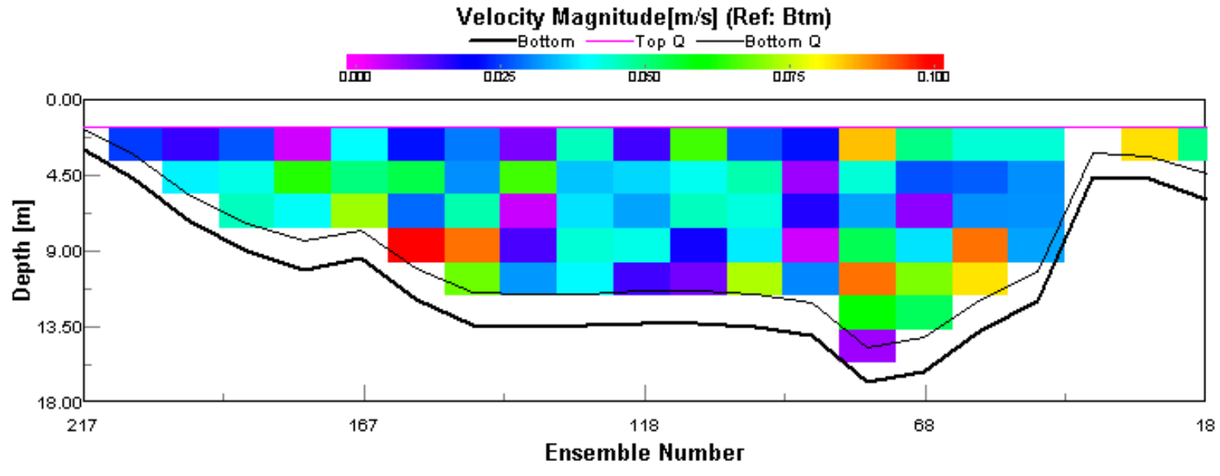
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 11

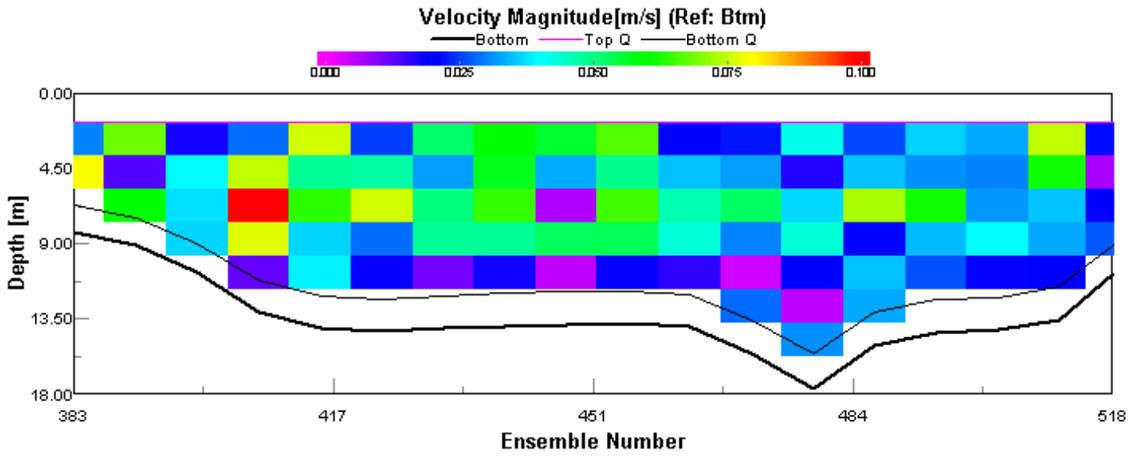
Spring – 2003
Average: 5 ensembles
Discharge: not supported



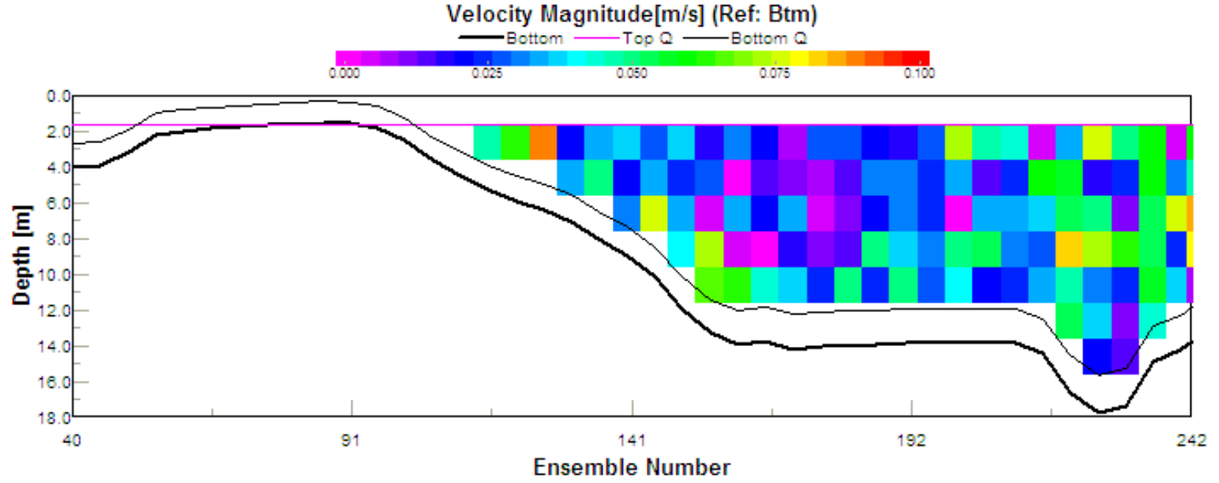
Fall – 2003
Average: 10 ensembles
Discharge: 118.28 m^3/s



Summer – 2003
Average: 8 ensembles
Discharge: 138 m^3/s (no data on shallow south flat)



Winter – 2003
Average: 5 ensembles
Discharge: 74.115 m^3/s



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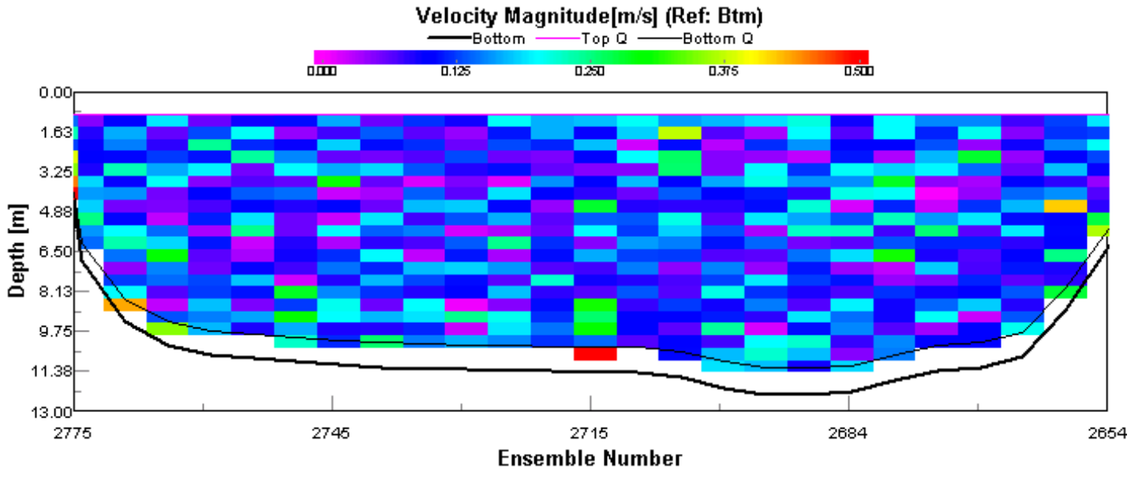
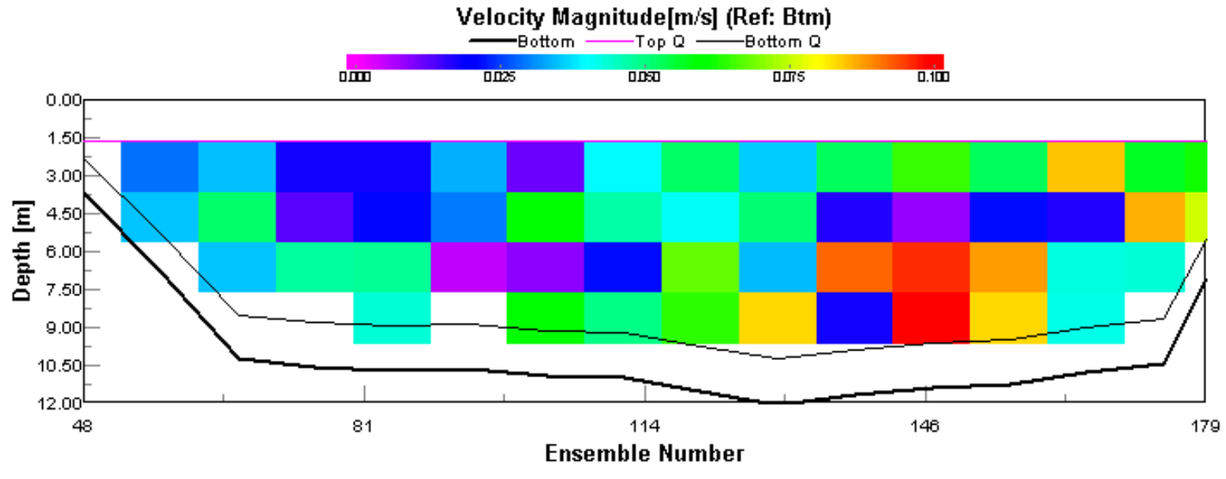
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 12

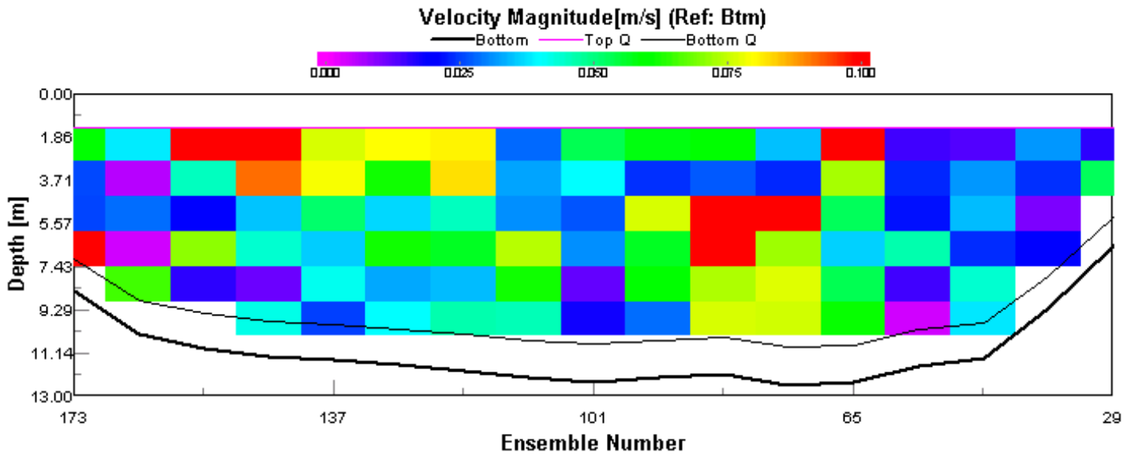
Spring – 2003
Average: 5 ensembles
Discharge: not supported



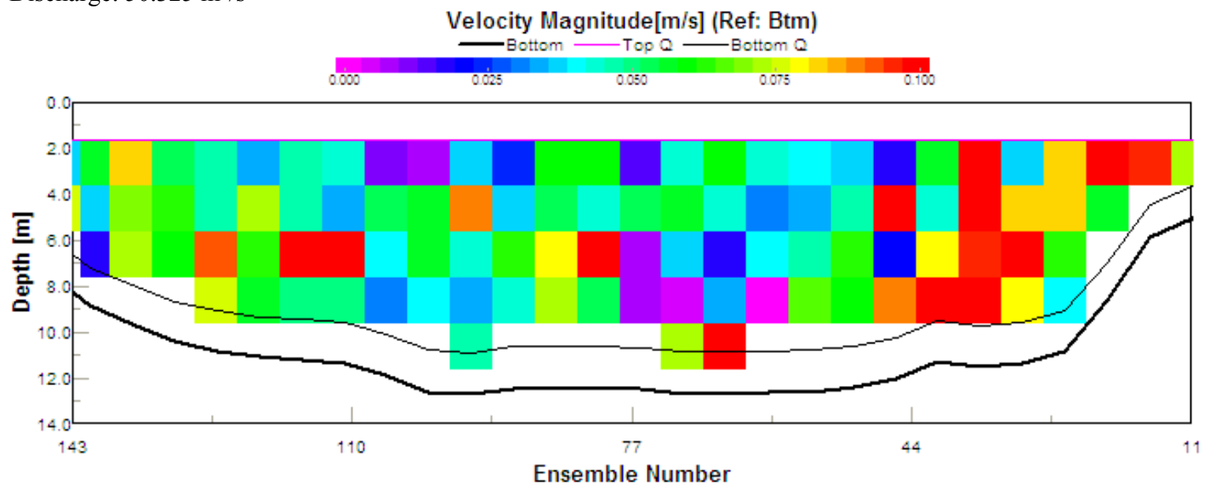
Fall – 2003
Average: 9 ensembles
Discharge: 37.41 m^3/s



Summer – 2003
Average: 9 ensembles
Discharge: 21 m^3/s



Winter – 2003
Average: 5 ensembles
Discharge: 50.325 m^3/s



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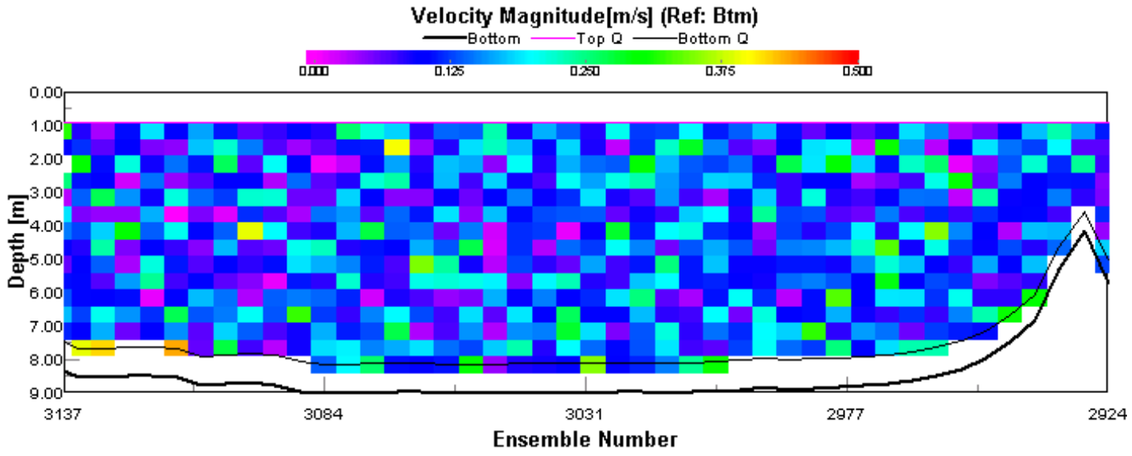
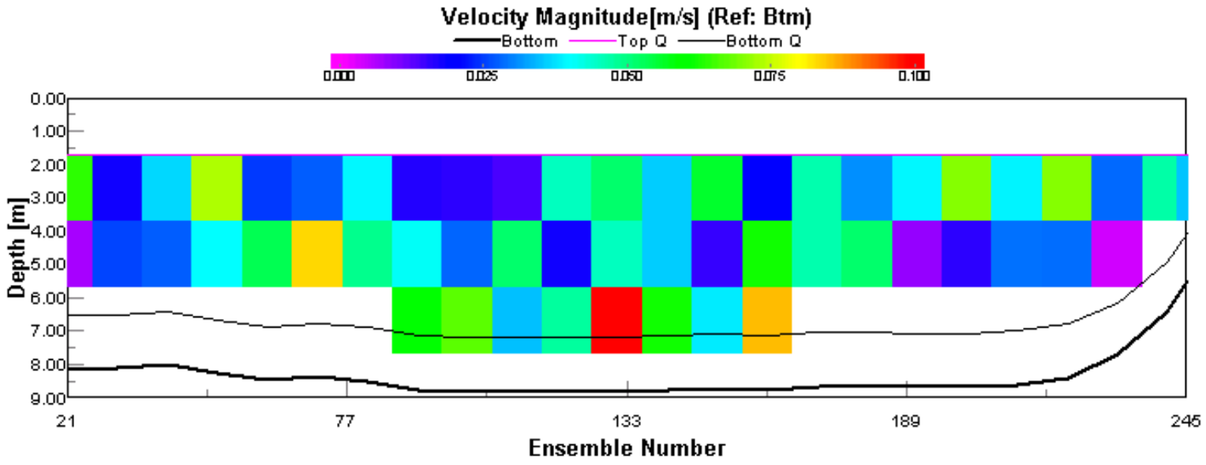
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 13

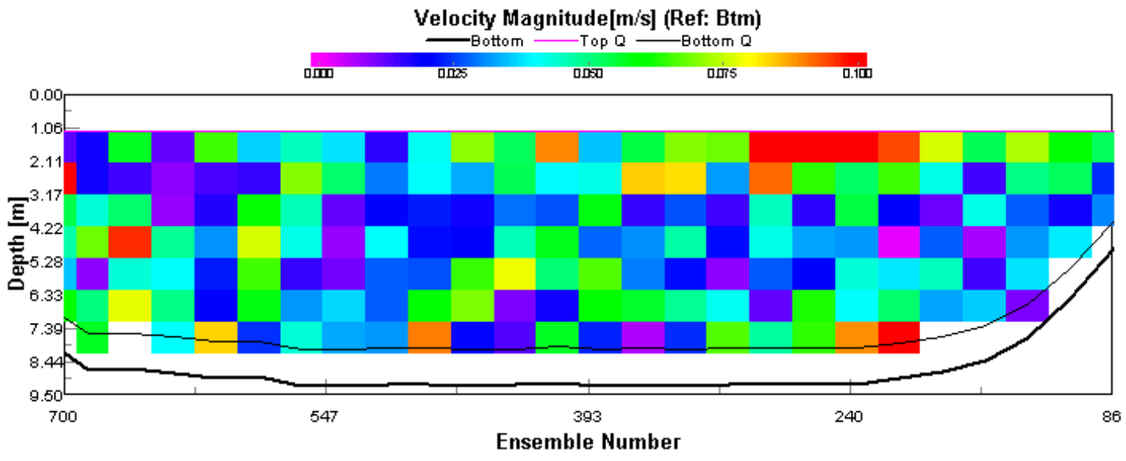
Spring – 2003
Average: 5 ensembles
Discharge: 24.08 m^3/s



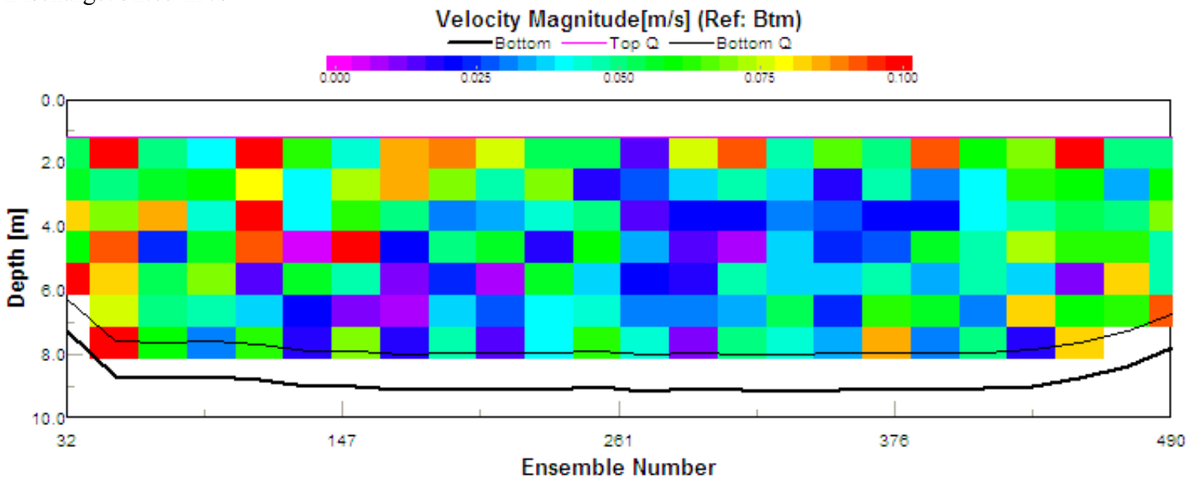
Fall – 2003
Average: 10 ensembles
Discharge: 19.92 m^3/s



Summer – 2003
Average: 25 ensembles
Discharge: 14 m^3/s



Winter – 2003
Average: 20 ensembles
Discharge: 32.05 m^3/s



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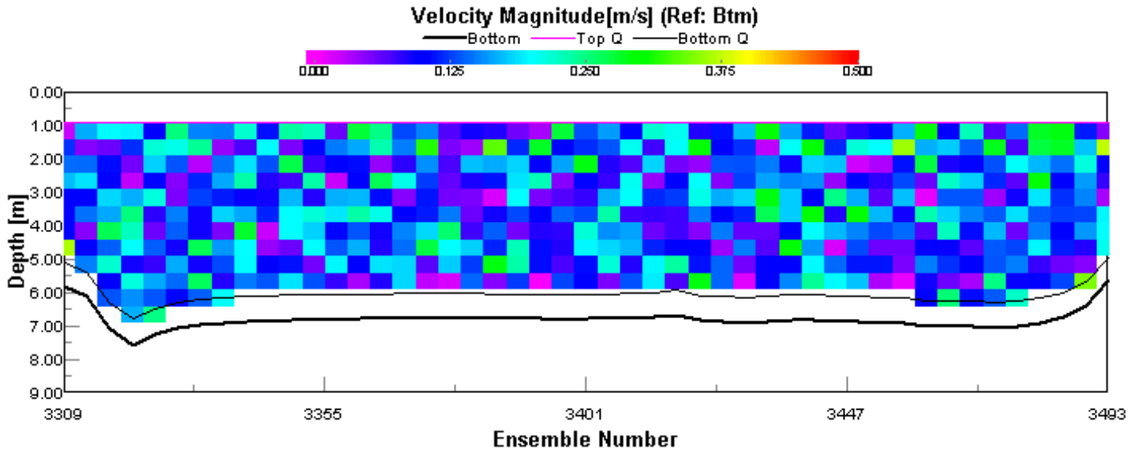
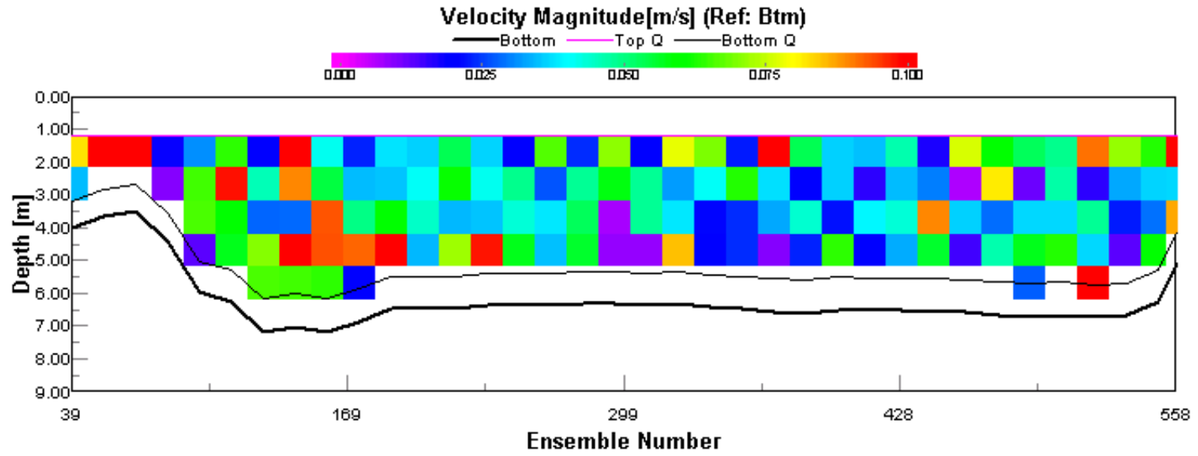
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 14

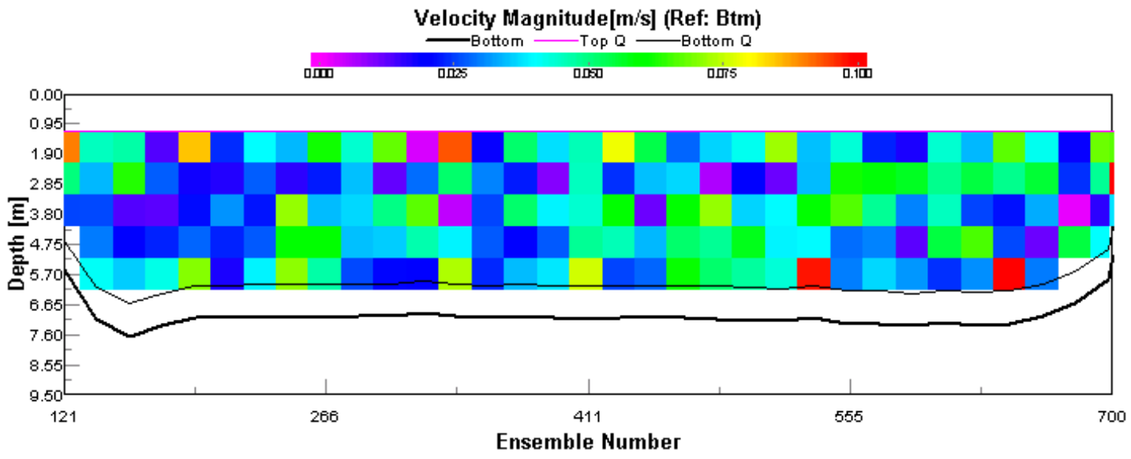
Spring – 20003
Average: 4 ensembles
Discharge: 24.78 m^3/s



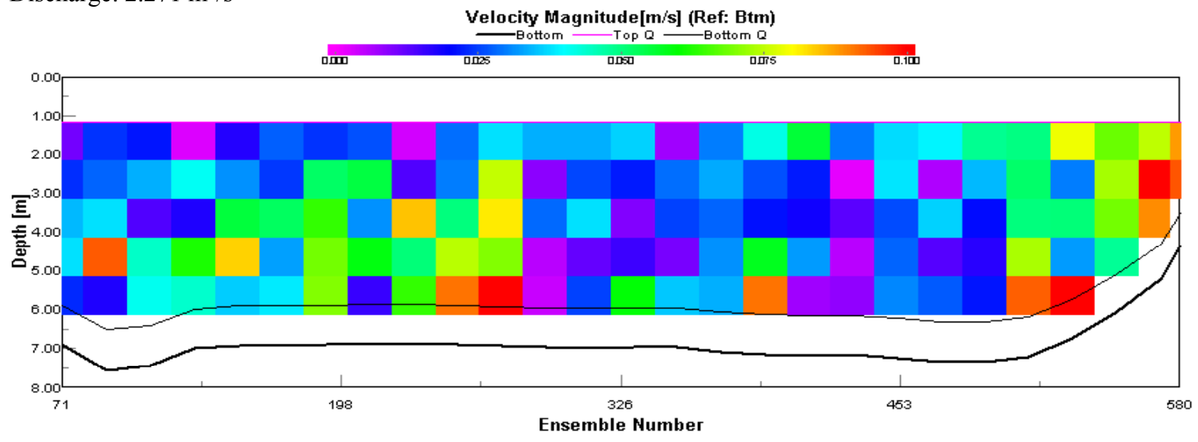
Fall – 2003
Average: 15 ensembles
Discharge: 13.86 m^3/s



Summer – 2003
Average: 18 ensembles
Discharge: 24 m^3/s



Winter – 2003
Average: 20 ensembles
Discharge: 2.271 m^3/s



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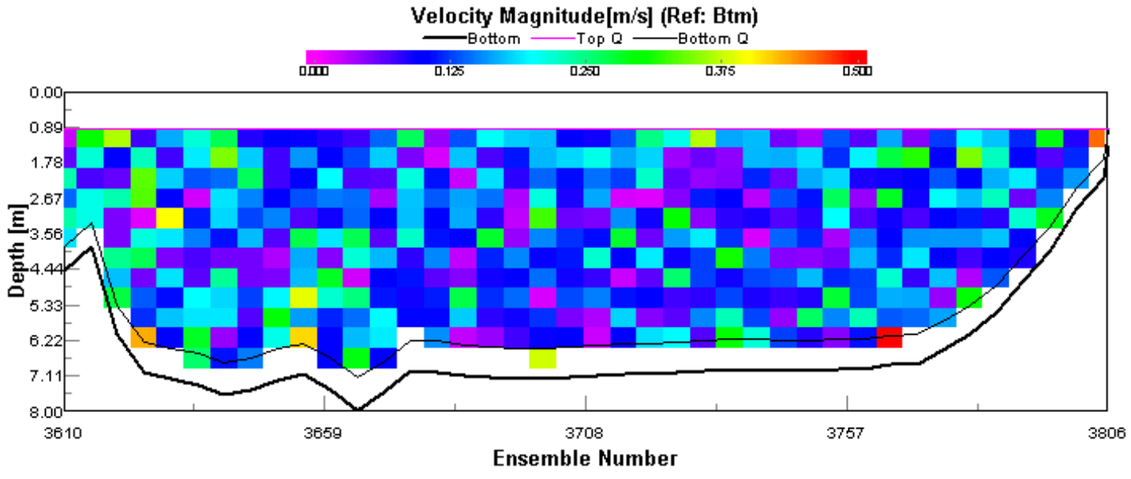
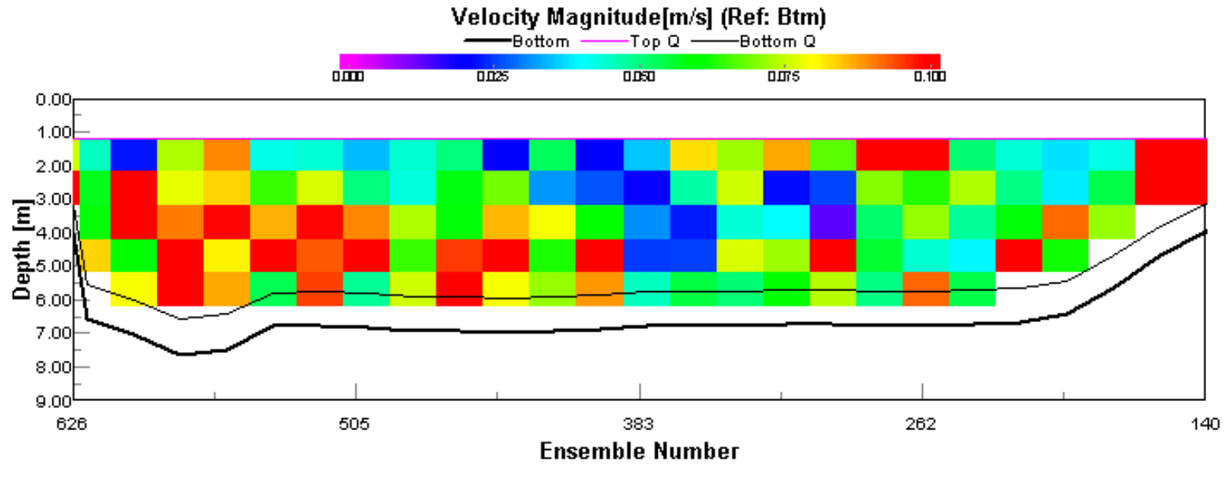
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 15

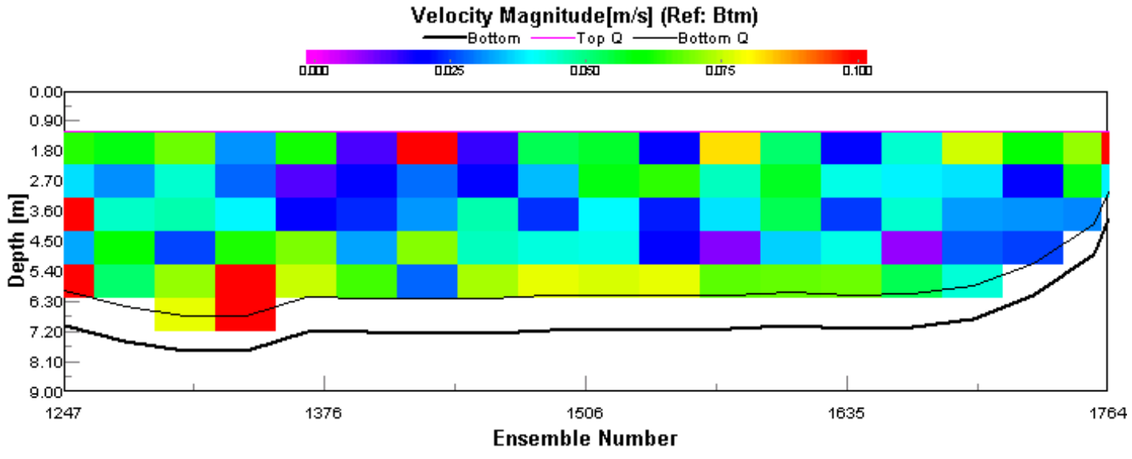
Spring – 2003
Average: 5 ensembles
Discharge: not supported



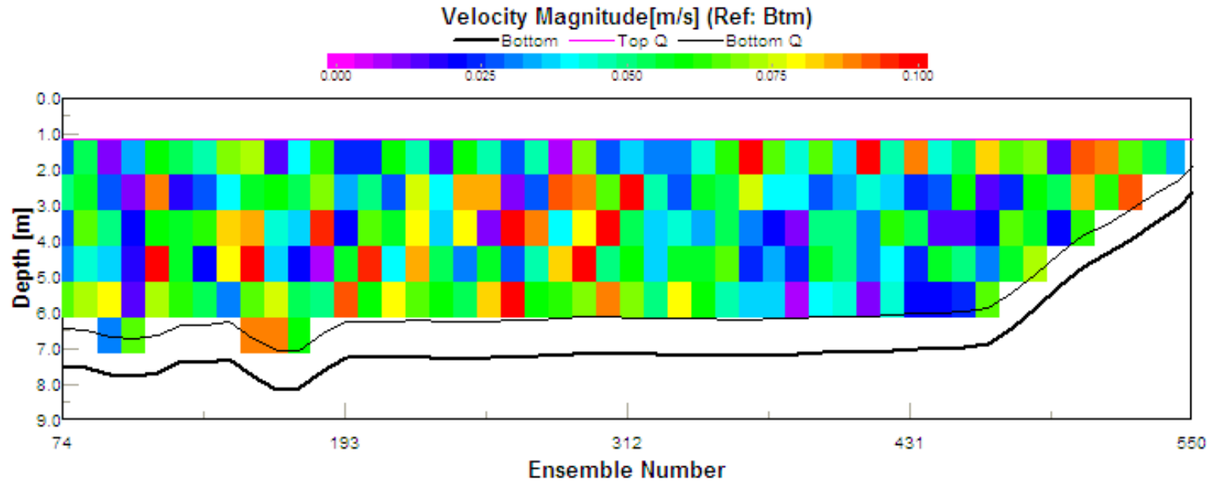
Fall – 2003
Average: 20 ensembles
Discharge: 14.58 m^3/s



Summer – 2003
Average: 30 ensembles
Discharge: 20 m^3/s



Winter – 2003
Average: 10 ensembles
Discharge: 6.537 m^3/s



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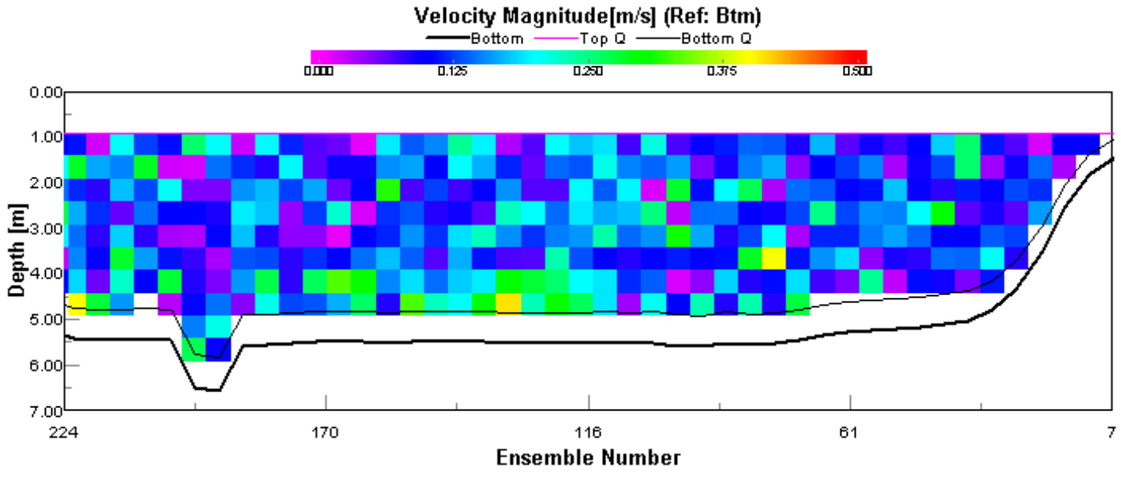
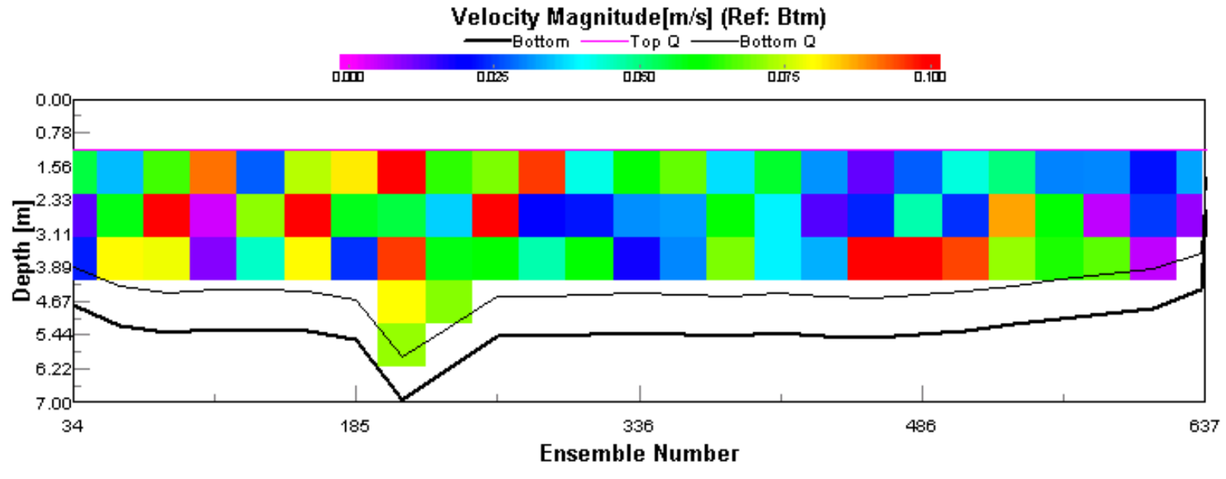
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 16

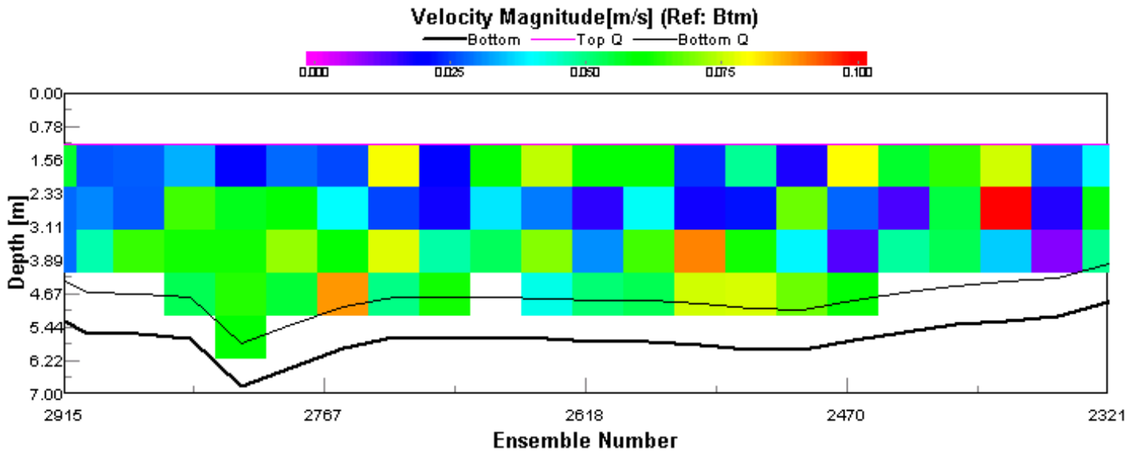
Spring – 2003
Average: 5 ensembles
Discharge: not supported



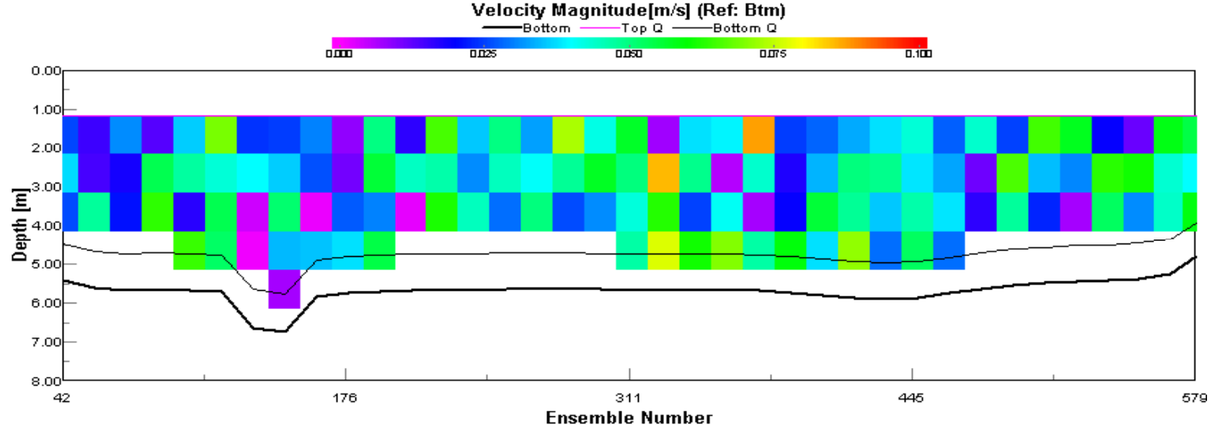
Fall – 2003
Average: 25 ensembles
Discharge: 17.49 m^3/s



Summer – 2003
Average: 30 ensembles
Discharge: 37 m^3/s



Winter – 2003
Average: 15 ensembles
Discharge: 27.12 m^3/s



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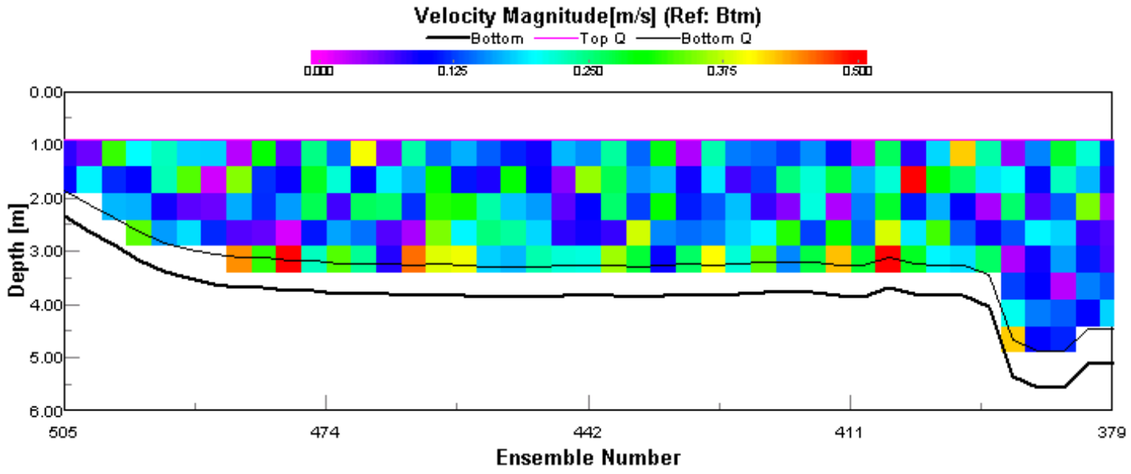
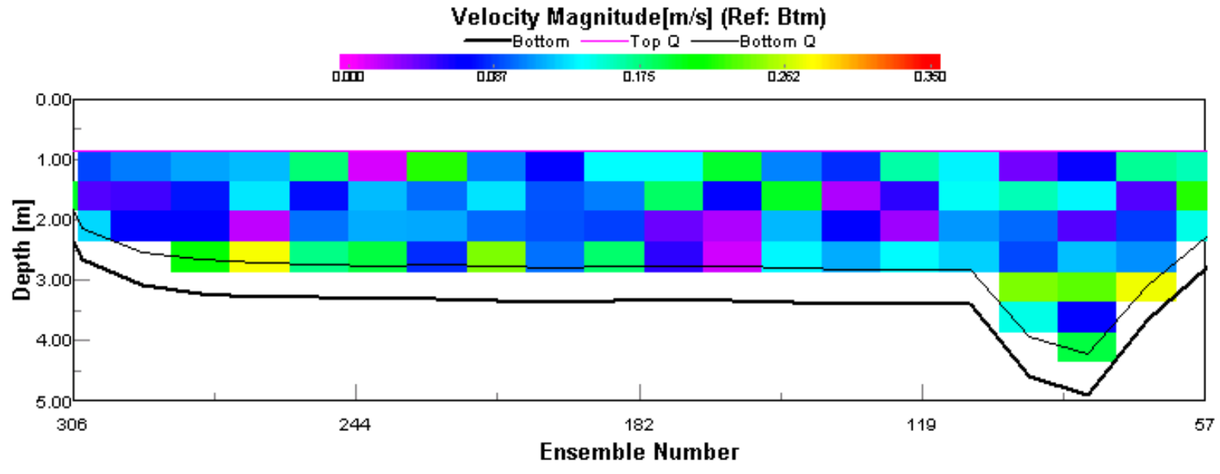
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 17

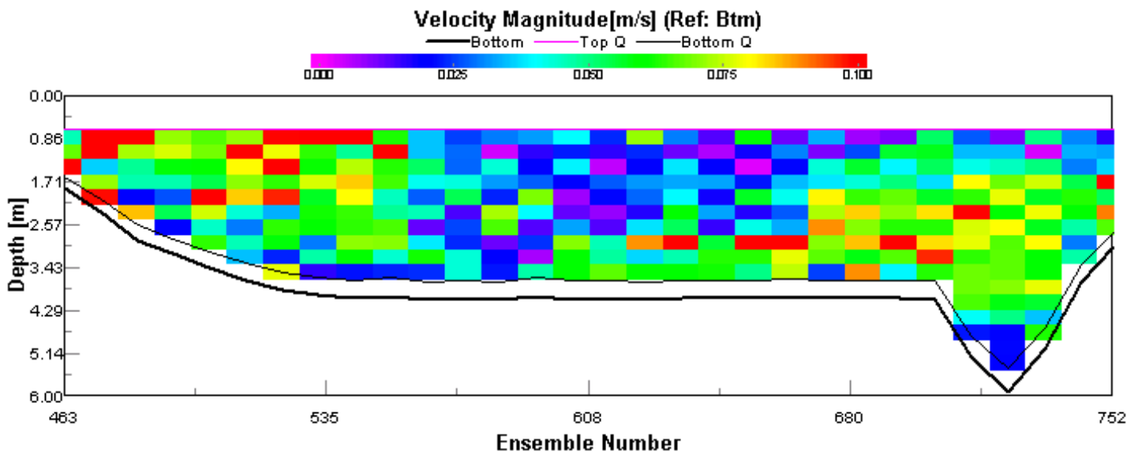
Spring – 2003
Average: 3 ensembles
Discharge: 4.35 m^3/s



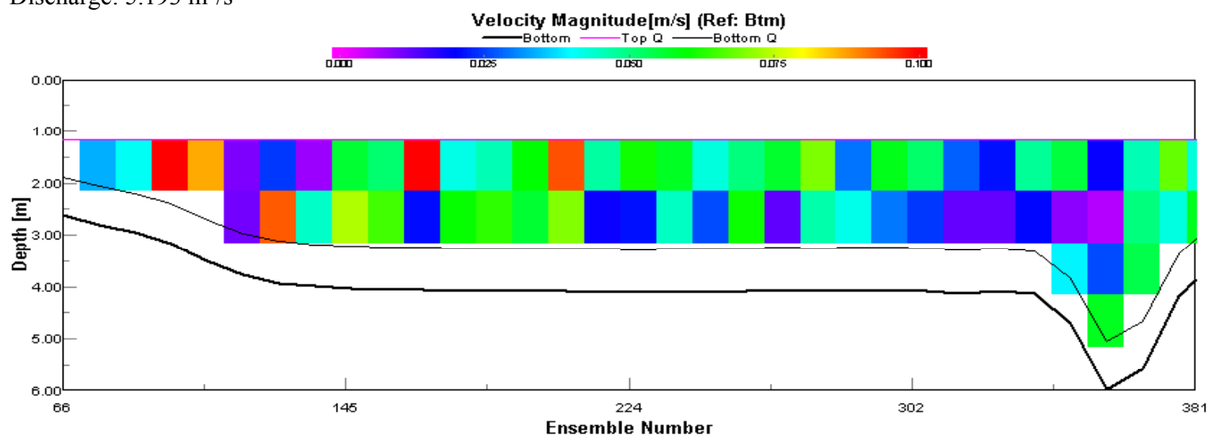
Fall – 2003
Average: 13 ensembles
Discharge: 16.98 m^3/s



Summer – 2003
Average: 10 ensembles
Discharge: 1.8 m^3/s



Winter – 2003
Average: 10 ensembles
Discharge: 5.193 m^3/s



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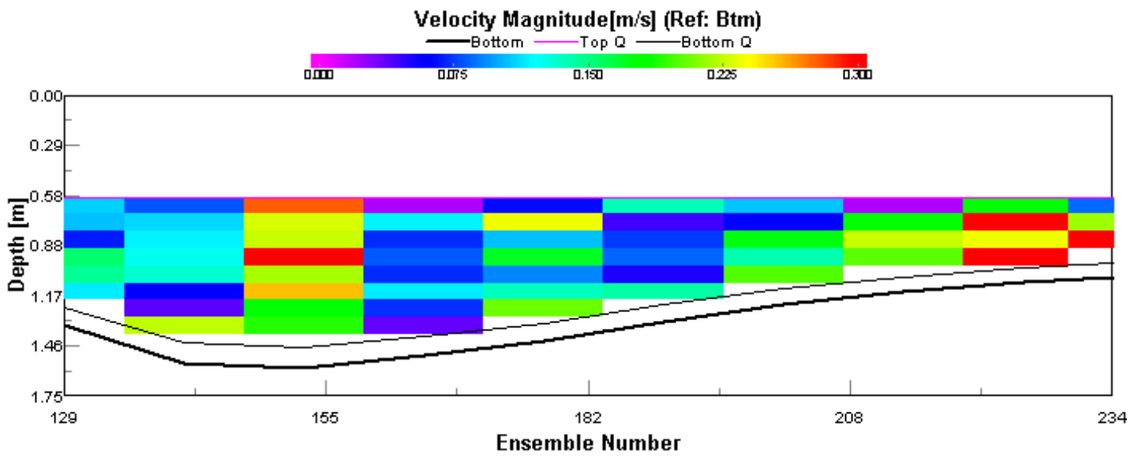
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 18

Spring – 2003
No Data (Shallow)

Fall – 2003
No Data (Shallow)

Summer – 2003

Average: 12 ensembles
Discharge: 12 m^3/s (partial transect across wide delta)
Note: Velocity range maximum = 0.3 m/s

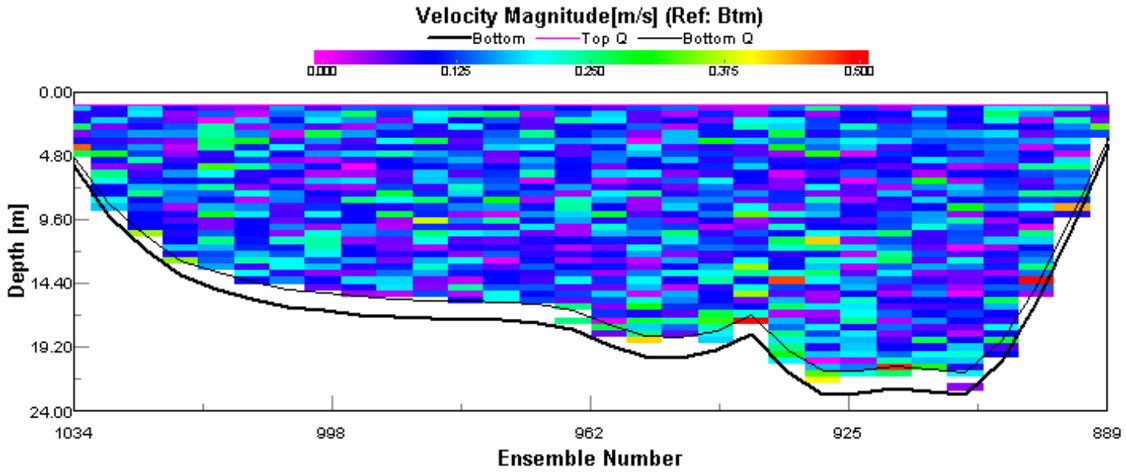


Winter – 2003
No Data (Shallow)

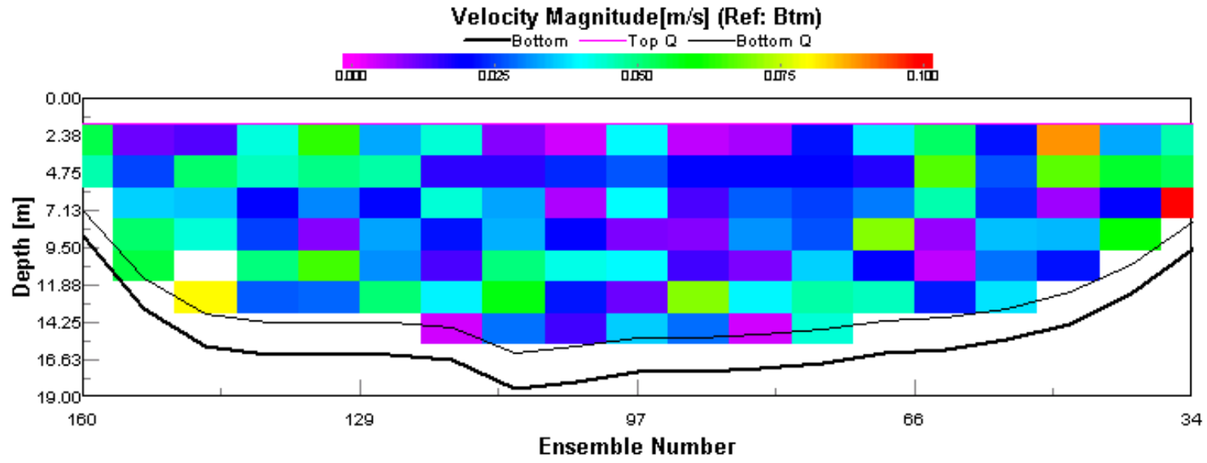
*An ensemble number is the identifier for each block of information collected. A block is variable based on the parameters (ping rate, averaging, depth cell size, etc) the operator has set the ADCP up for each transect.

CONTOUR PLOTS OF CURRENT DATA – TRANSECT 19

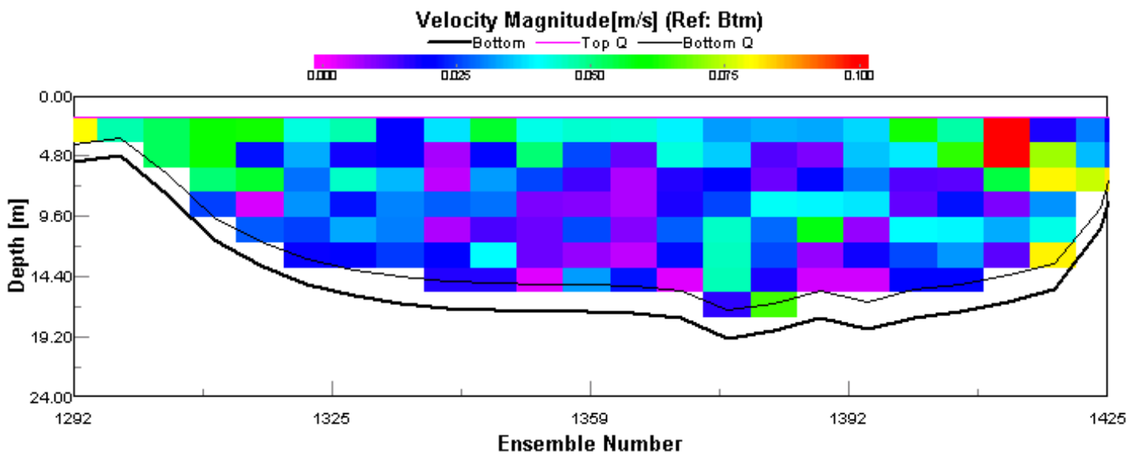
Spring – 2003
Average: 5 ensembles
Discharge: 31.26 m^3/s



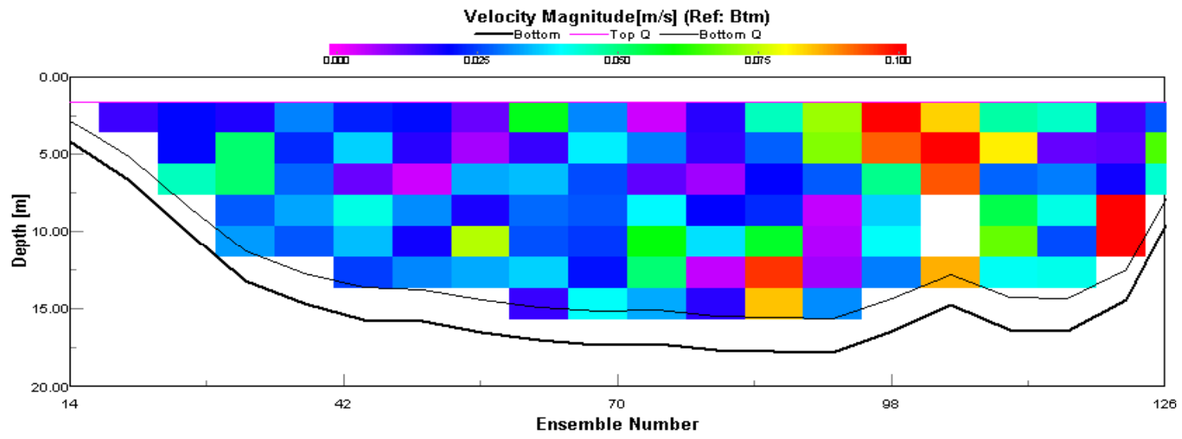
Fall – 2003
Average: 7 ensembles
Discharge: 37.6 m^3/s



Summer – 2003
Average: 6 ensembles
Discharge: 14 m^3/s



Winter – 2003
Average: 6 ensembles
Discharge: 3.27 m^3/s



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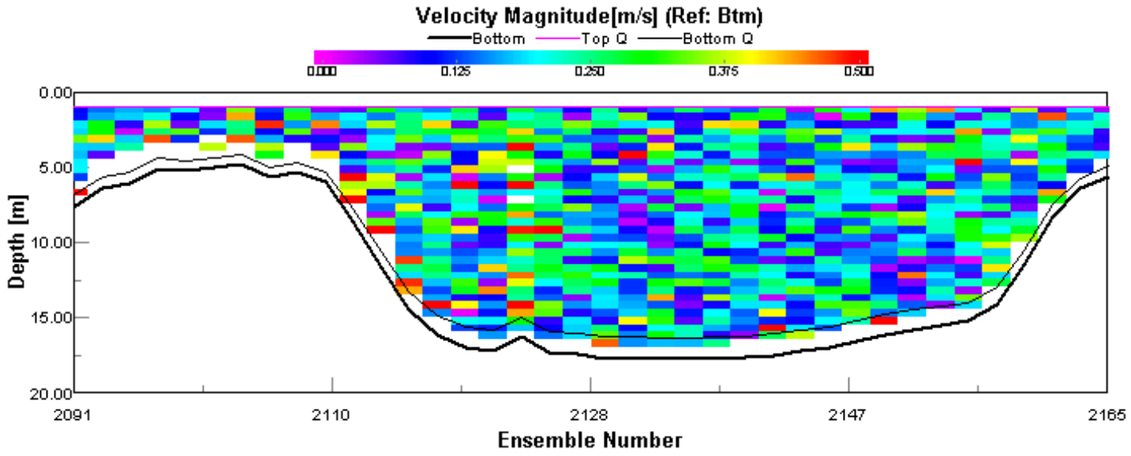
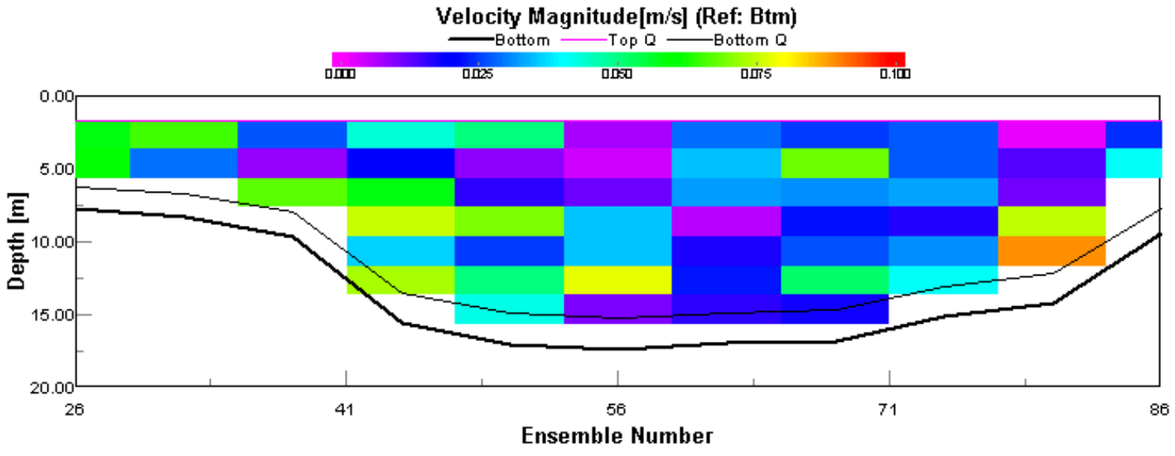
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 20

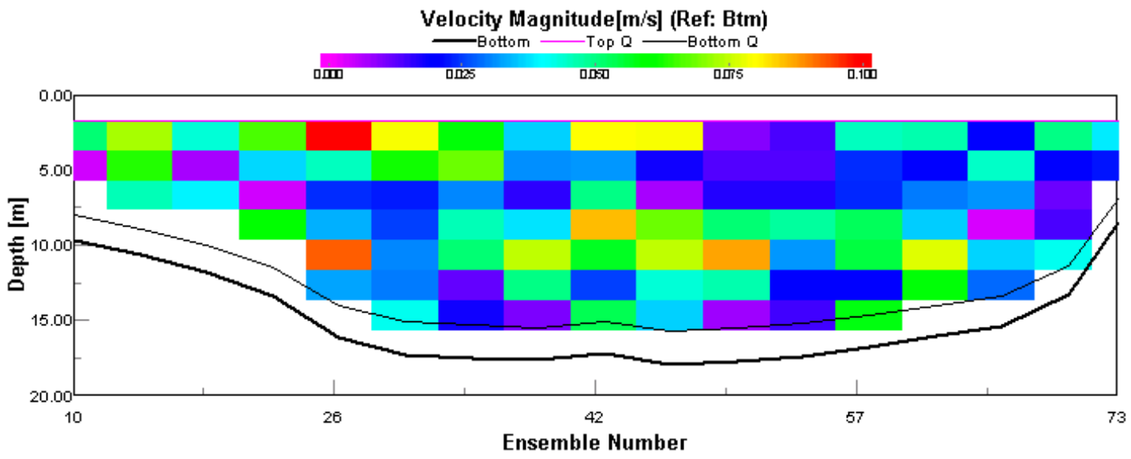
Spring – 2003
Average: 3 ensembles
Discharge: 39.73 m^3/s



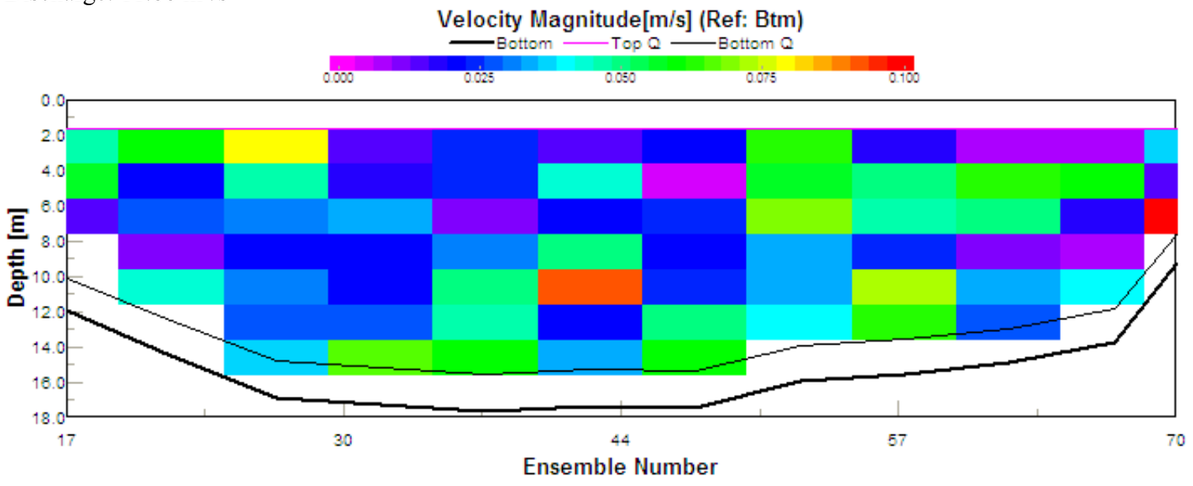
Fall – 2003
Average: 6 ensembles
Discharge: 4.12 m^3/s



Summer – 2003
Average: 4 ensembles
Discharge: 2 m^3/s



Winter – 2003
Average: 5 ensembles
Discharge: 11.88 m^3/s



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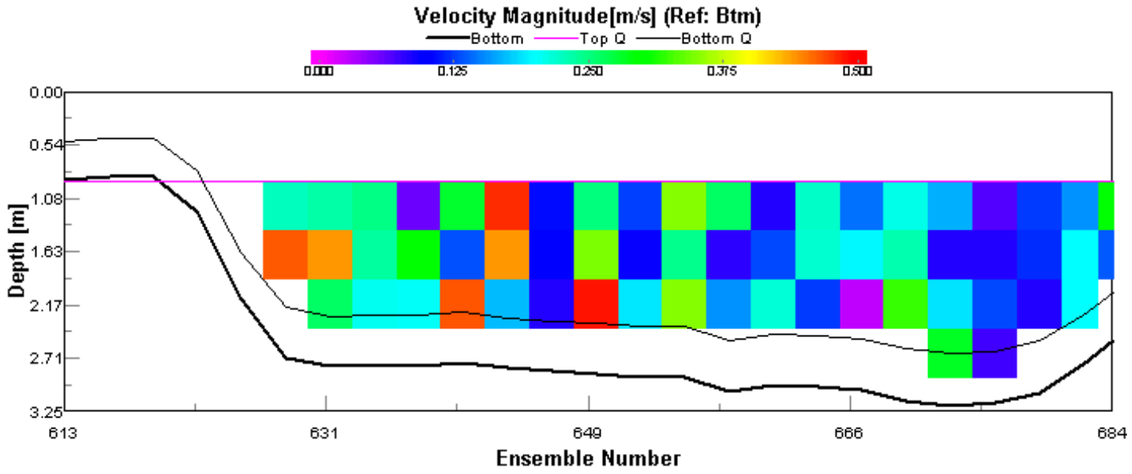
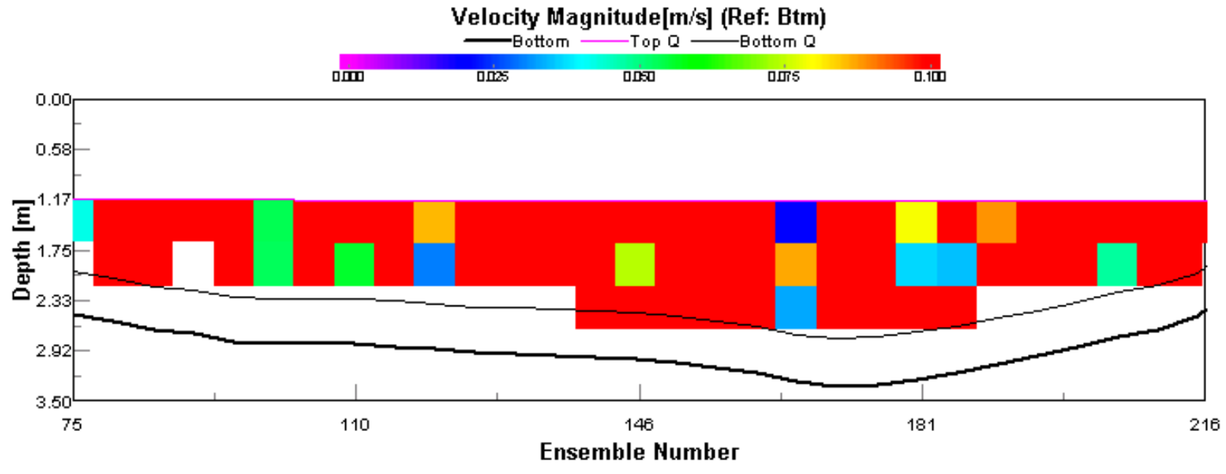
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 21

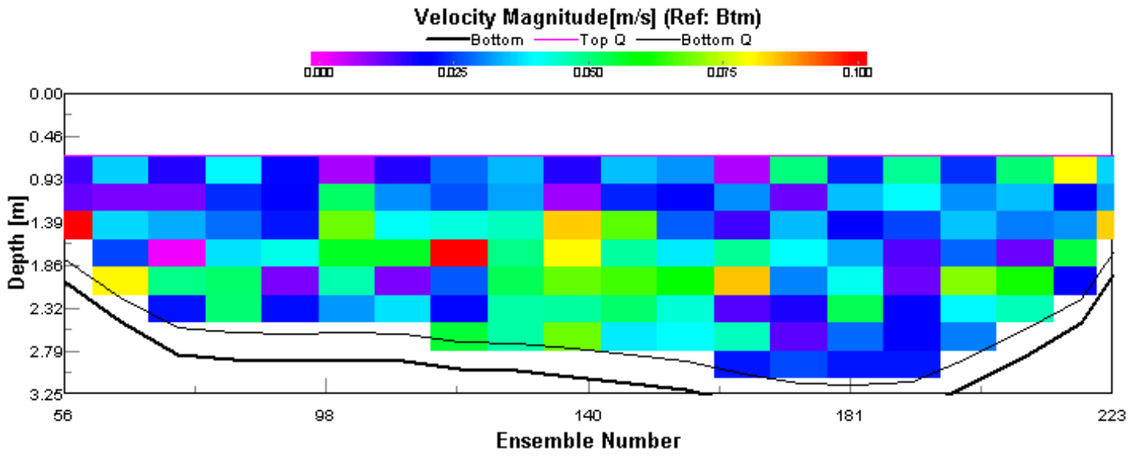
Spring – 2003
Average: 3 ensembles
Discharge: 2.74 m^3/s



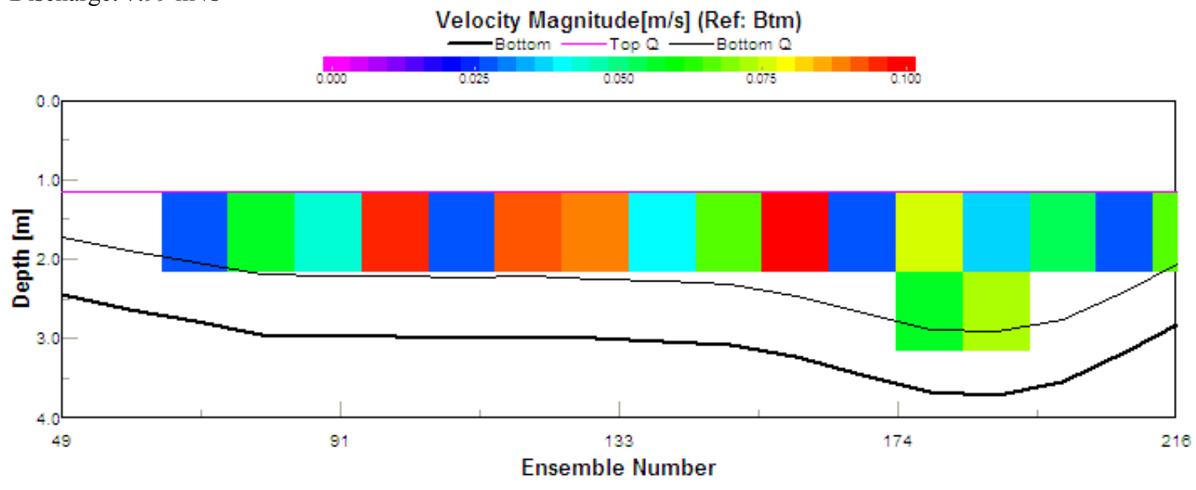
Fall – 2003
Average: 5 ensembles
Discharge: 3.44 m^3/s



Summer – 2003
Average: 9 ensembles
Discharge: 11m^3/s



Winter – 2003
Average: 10 ensembles
Discharge: 7.99 m^3/s



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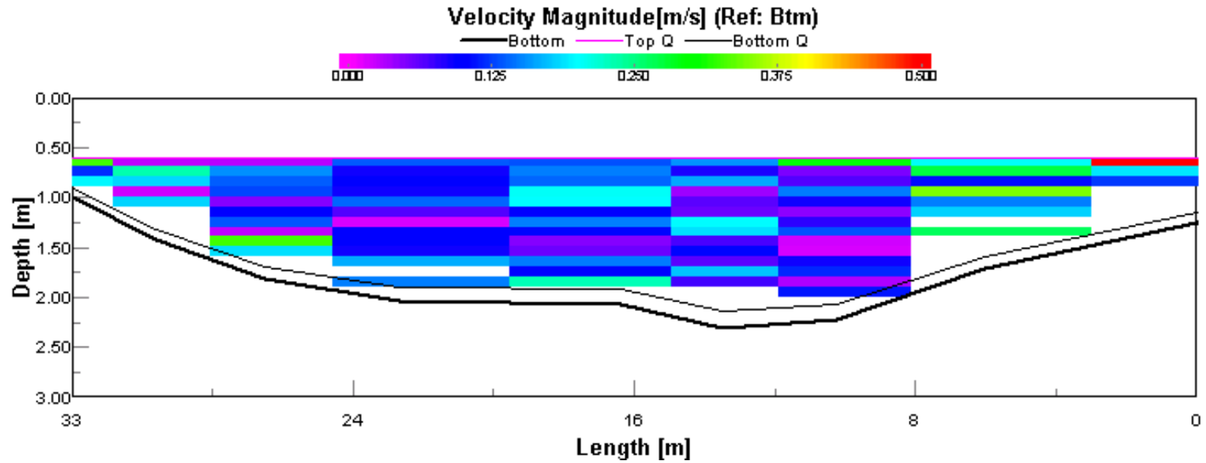
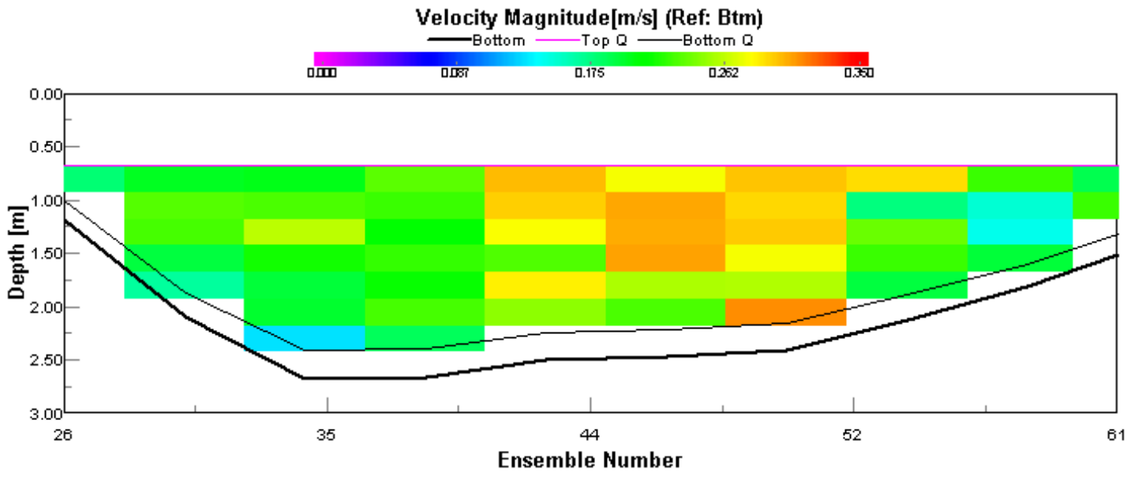
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 22

Spring – 2003
Not Conducted

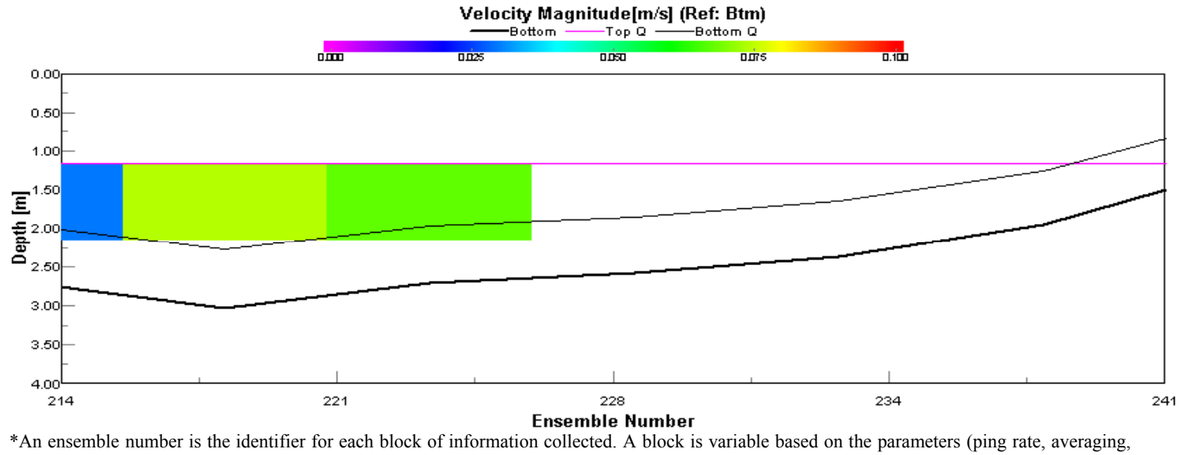
Fall – 2003
Average: 3 ensembles
Discharge: 2.23 m^3/s



Summer – 2003
Average: 4 ensembles
Discharge: 16.3 m^3/s
Note: Velocity range maximum = 0.3 m/s



Winter – 2003
Average: 5 ensembles
Discharge: 0.569 m^3/s



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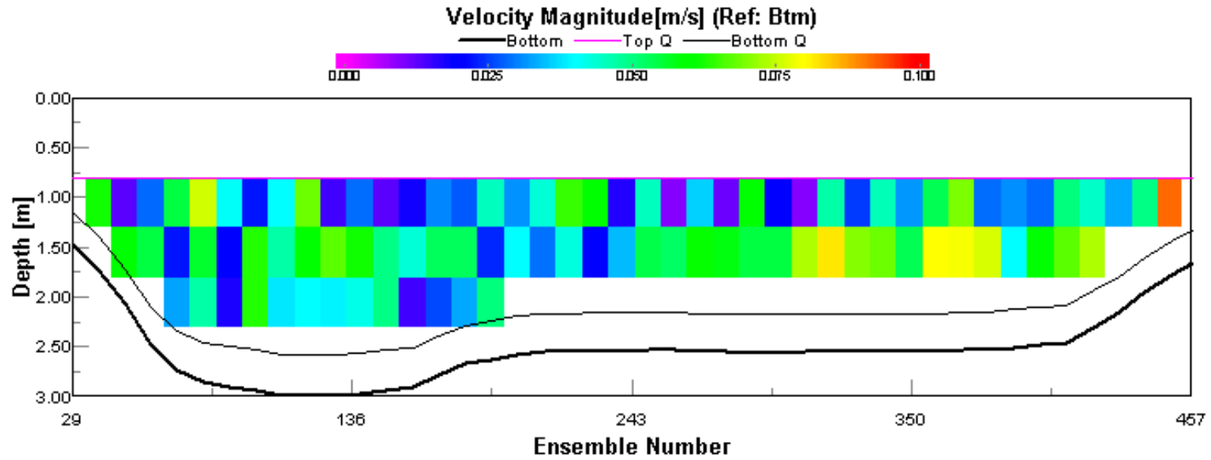
CONTOUR PLOTS OF CURRENT DATA – TRANSECT 23

Spring – 2003
Not Conducted

Fall – 2003
Average: 10 ensembles
Discharge: 4.67 m^3/s



Summer – 2003
Not Conducted

Winter – 2003
Not Conducted

*An ensemble number is the identifier for each block of information collected. A block is variable based on the parameters (ping rate, averaging, depth cell size, etc) the operator has set the ADCP up for each transect.