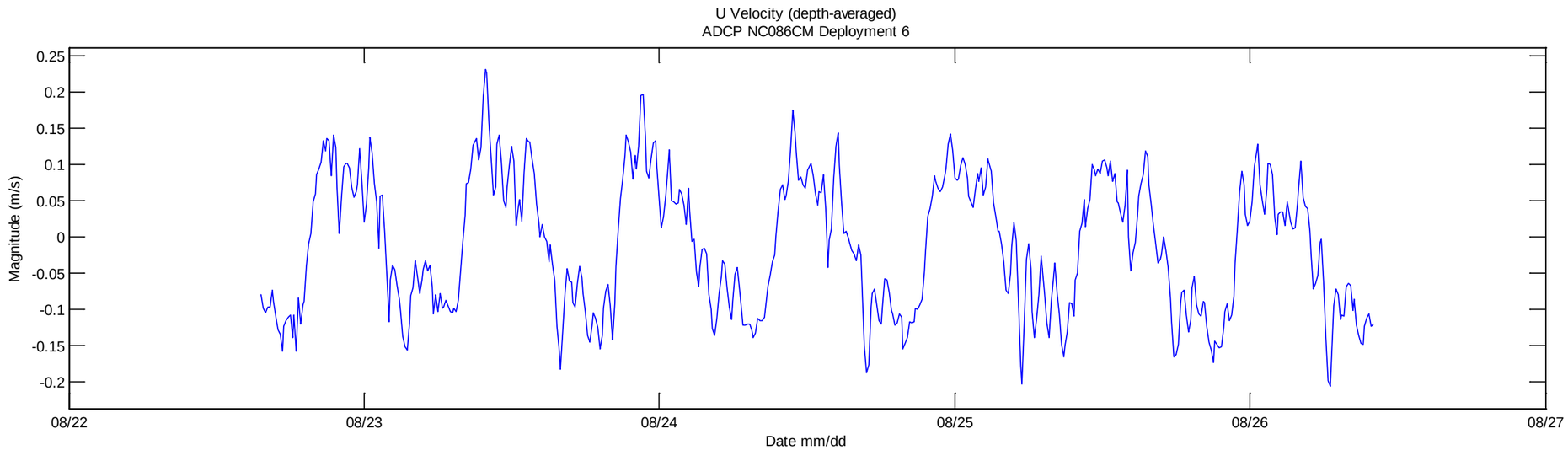
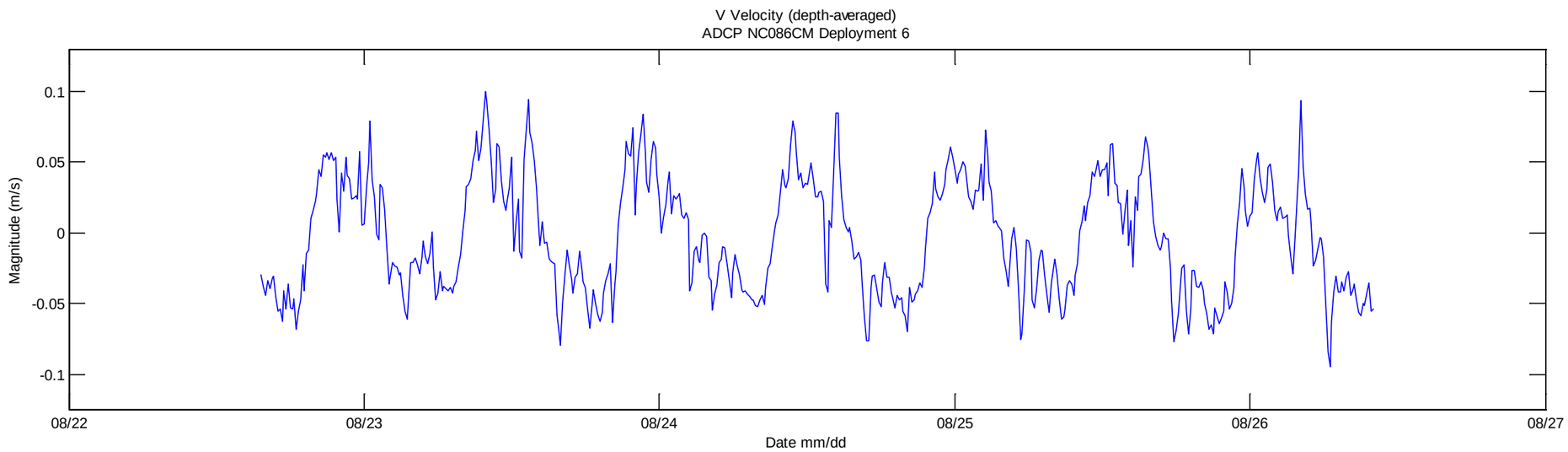
I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_176_QC_D6_NC086CM.docx





Notes:
1. Station NC086CM was overturned for unknown reasons during Deployment 6.
It was deployed August 23, 2012, and was overturned on August 26, 2012;
therefore, there are no reliable data for this deployment after that date.

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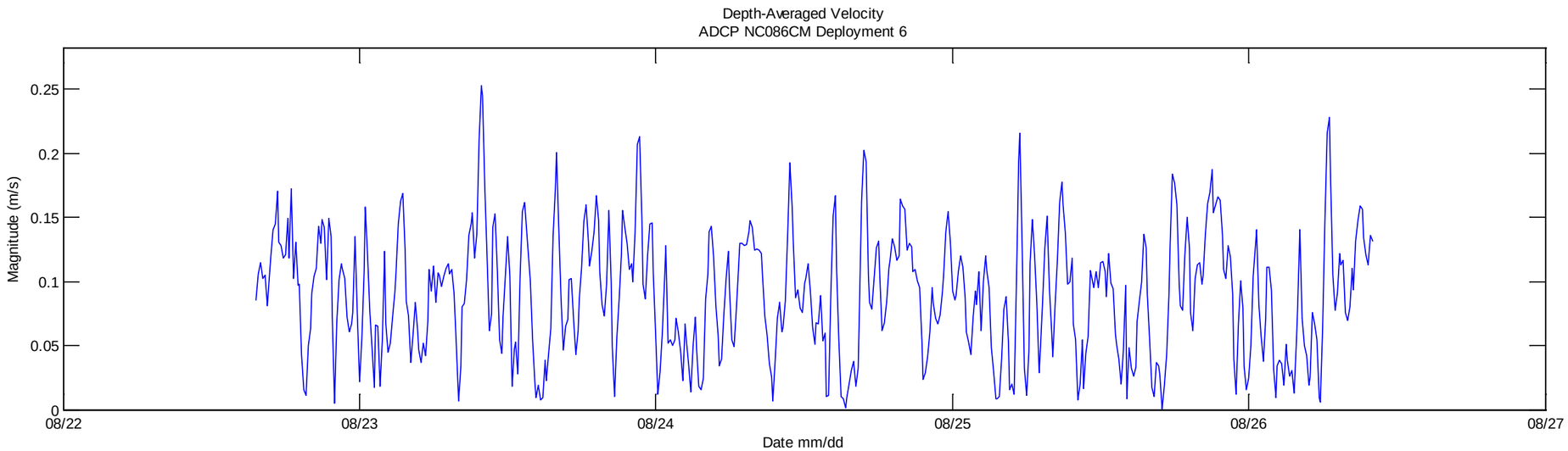
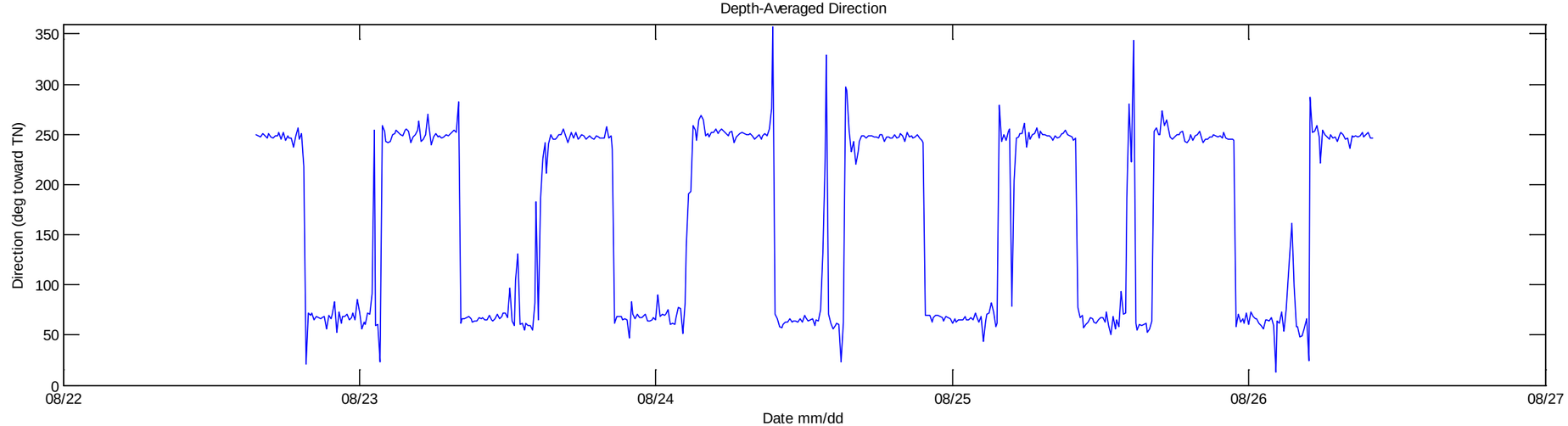
Figure A1-176
Deployment 6, Station NC086CM – Depth Averaged U and V Velocities
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_177_QC_D6_NC086CM.docx





Notes:
1. Station NC086CM was overturned for unknown reasons during Deployment 6.
It was deployed August 23, 2012, and was overturned on August 26, 2012;
therefore, there are no reliable data for this deployment after that date.

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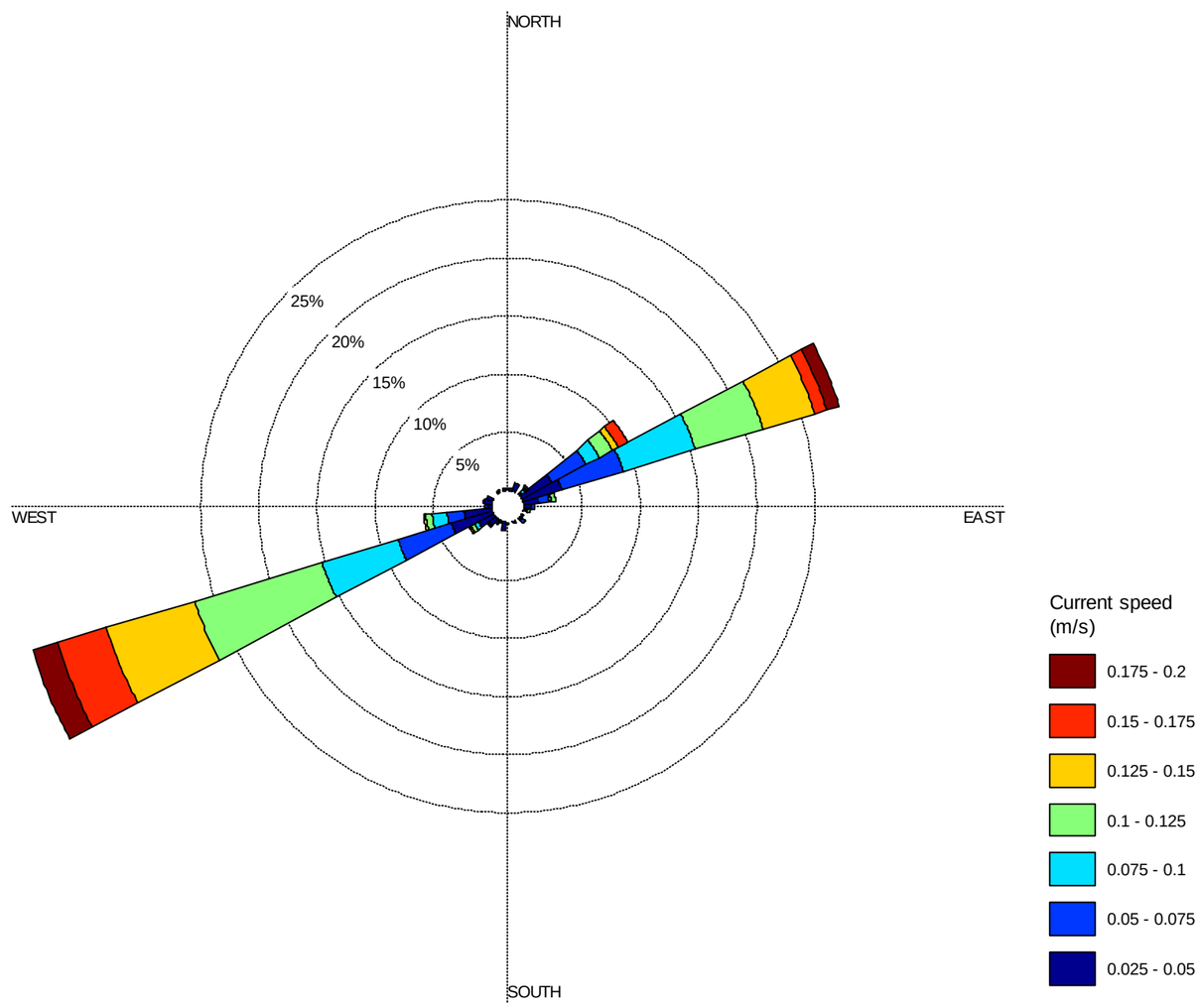
Figure A1-177
Deployment 6, Station NC086CM – Depth Averaged U and V Velocities
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_178_QC_D6_NC086CM.docx

ADCP NC086CM Deployment 6
Depth-Averaged Current (deg toward TN)- Direction Distribution



Notes:
1. Station NC086CM was overturned for unknown reasons during Deployment 6. It was deployed August 23, 2012, and was overturned on August 26, 2012; therefore, there are no reliable data for this deployment after that date.

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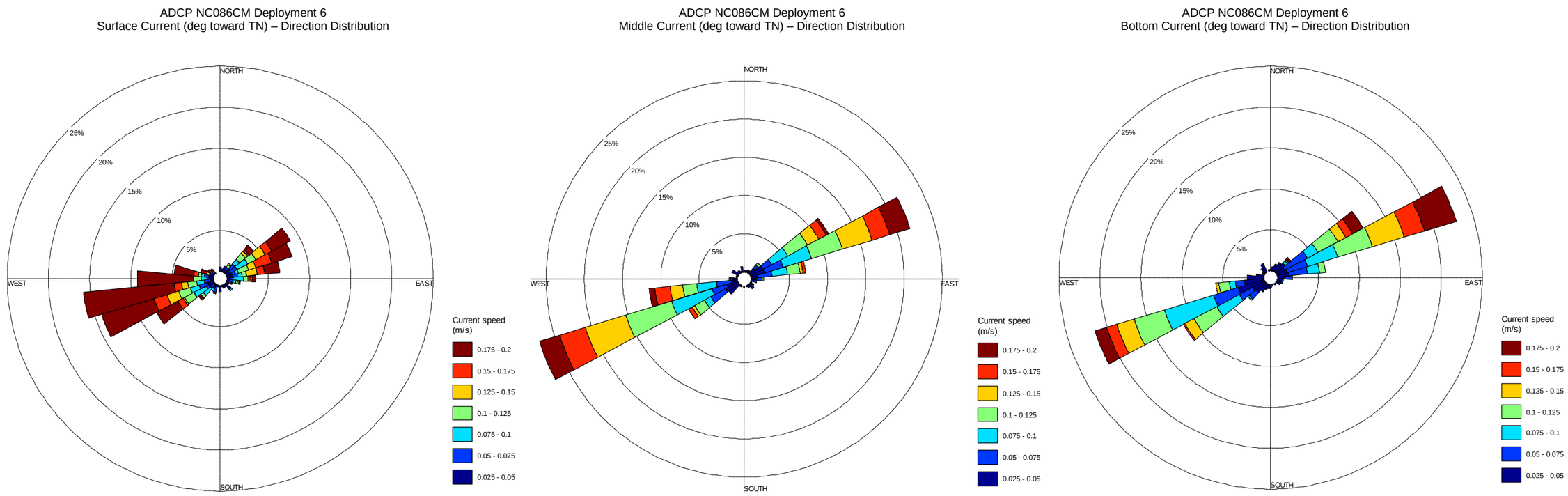
Figure A1-178
Deployment 6, Station NC086CM – Depth Averaged Current Rose
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_179_QC_D6_NC086CM.docx



Notes:
1. Station NC086CM was overturned for unknown reasons during Deployment 6. It was deployed August 23, 2012, and was overturned on August 26, 2012; therefore, there are no reliable data for this deployment after that date.

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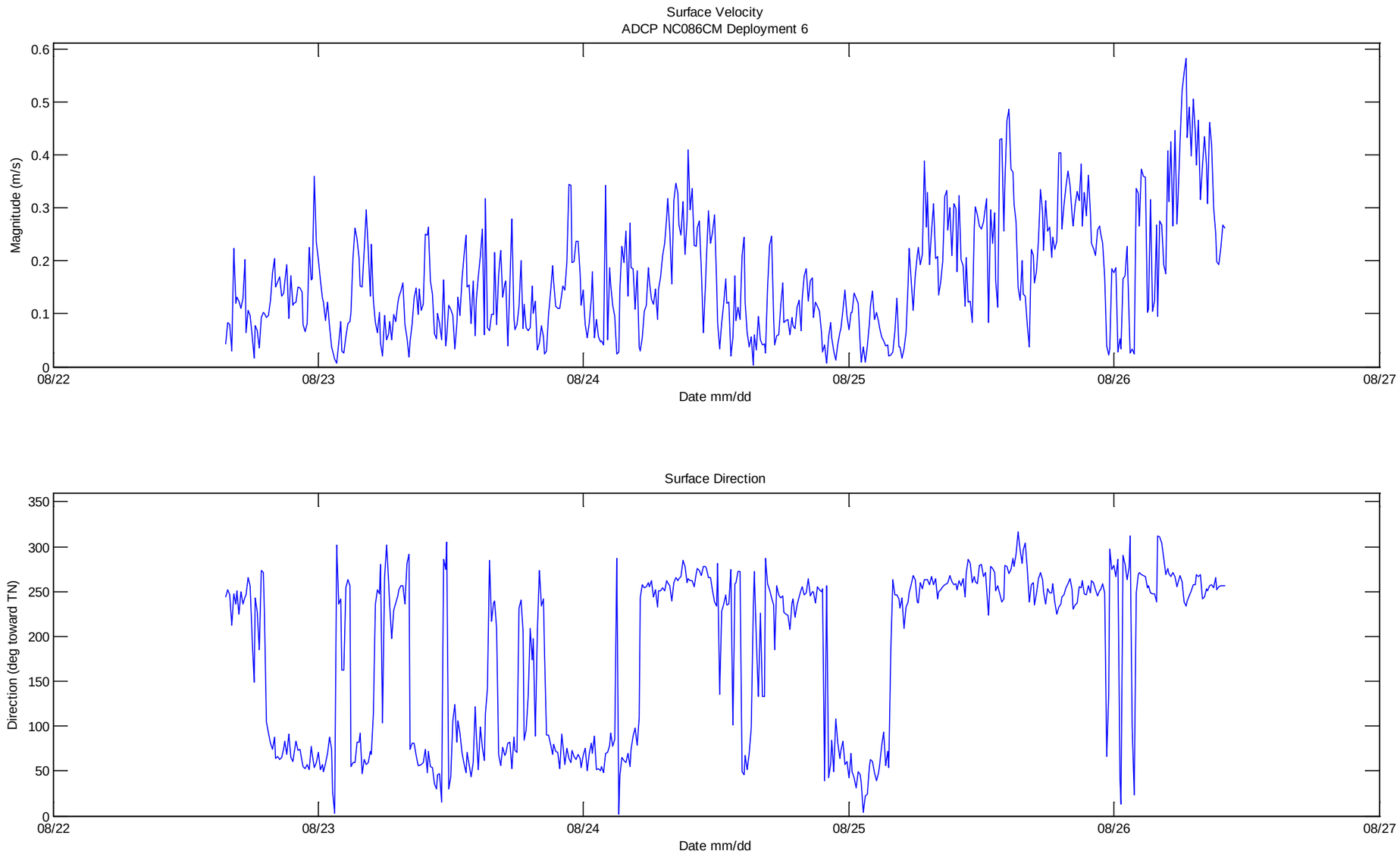
Figure A1-179
Deployment 6, Station NC086CM – Surface, Middle, and Bottom Current Roses
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_180_QC_D6_NC083CM.docx



Notes:
1. Station NC086CM was overturned for unknown reasons during Deployment 6.
It was deployed August 23, 2012, and was overturned on August 26, 2012;
therefore, there are no reliable data for this deployment after that date.

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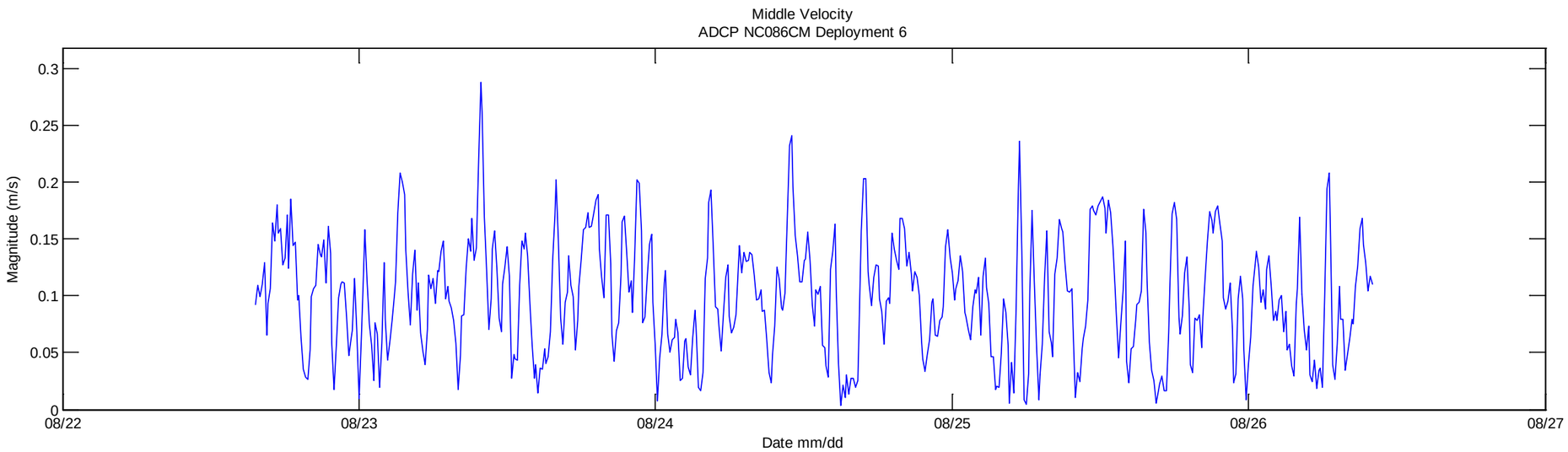
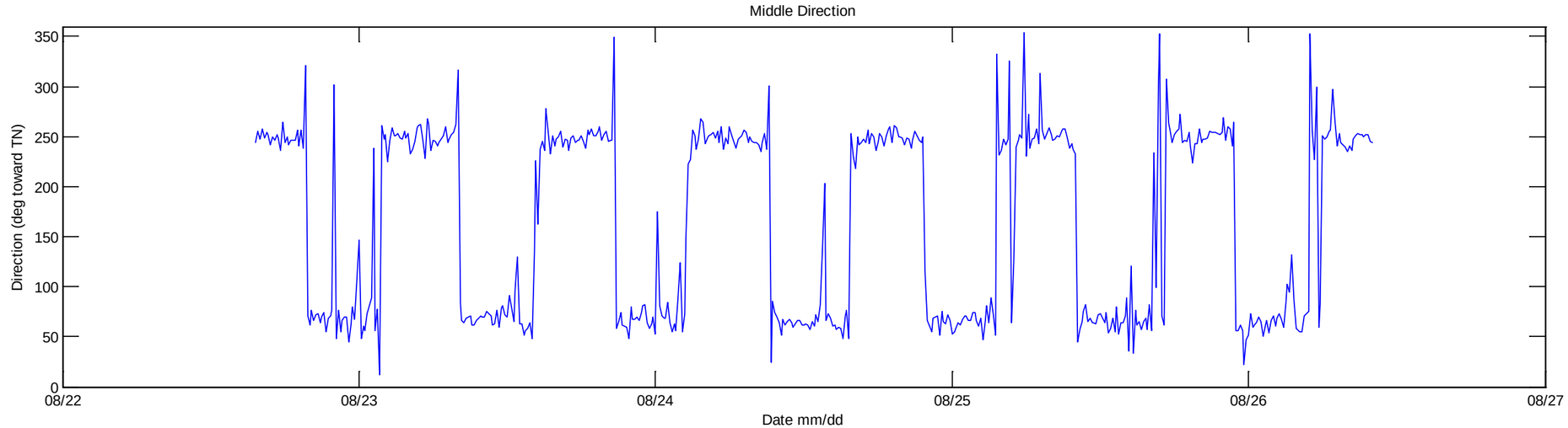
Figure A1-180
Deployment 6, Station NC086CM – Surface Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_181_QC_D6_NC083CM.docx





Notes:
1. Station NC086CM was overturned for unknown reasons during Deployment 6.
It was deployed August 23, 2012, and was overturned on August 26, 2012;
therefore, there are no reliable data for this deployment after that date.

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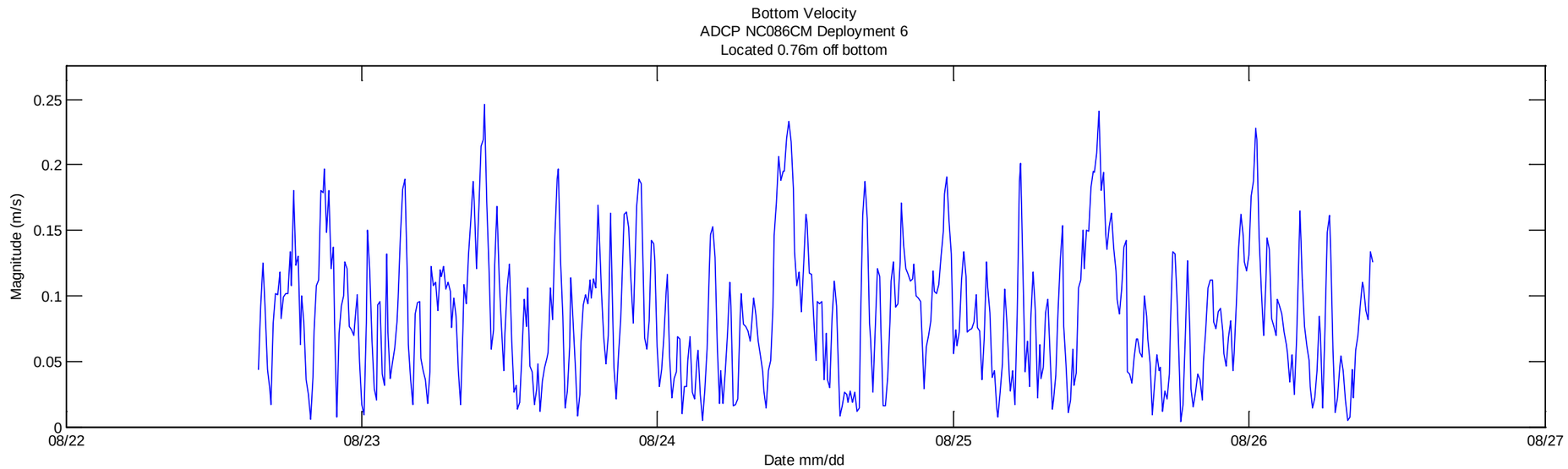
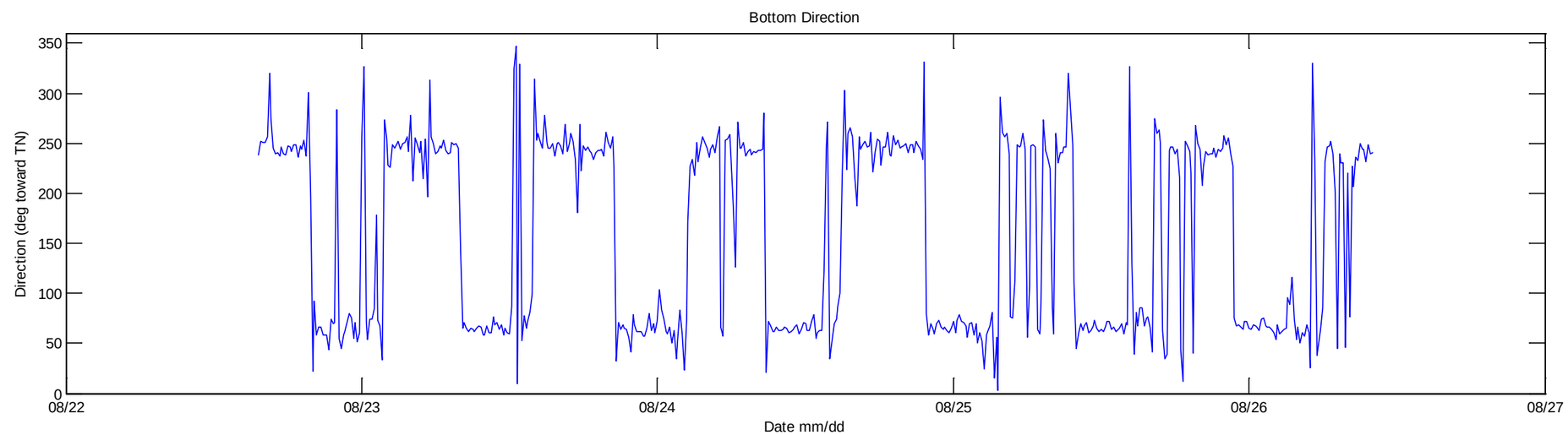
Figure A1-181
Deployment 6, Station NC086CM – Middle Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

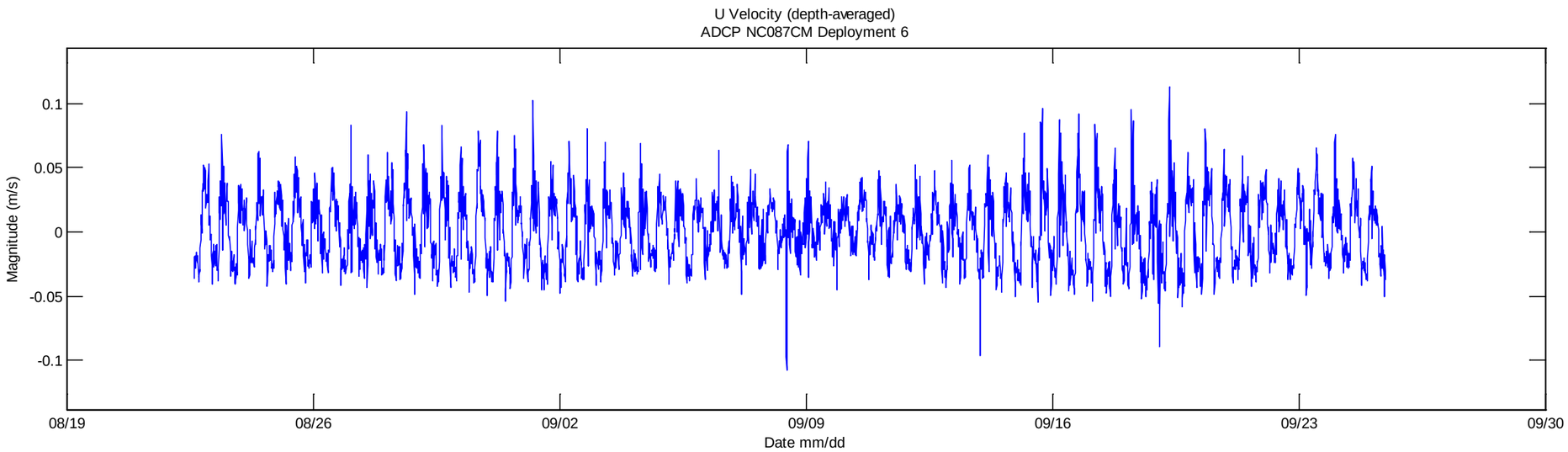


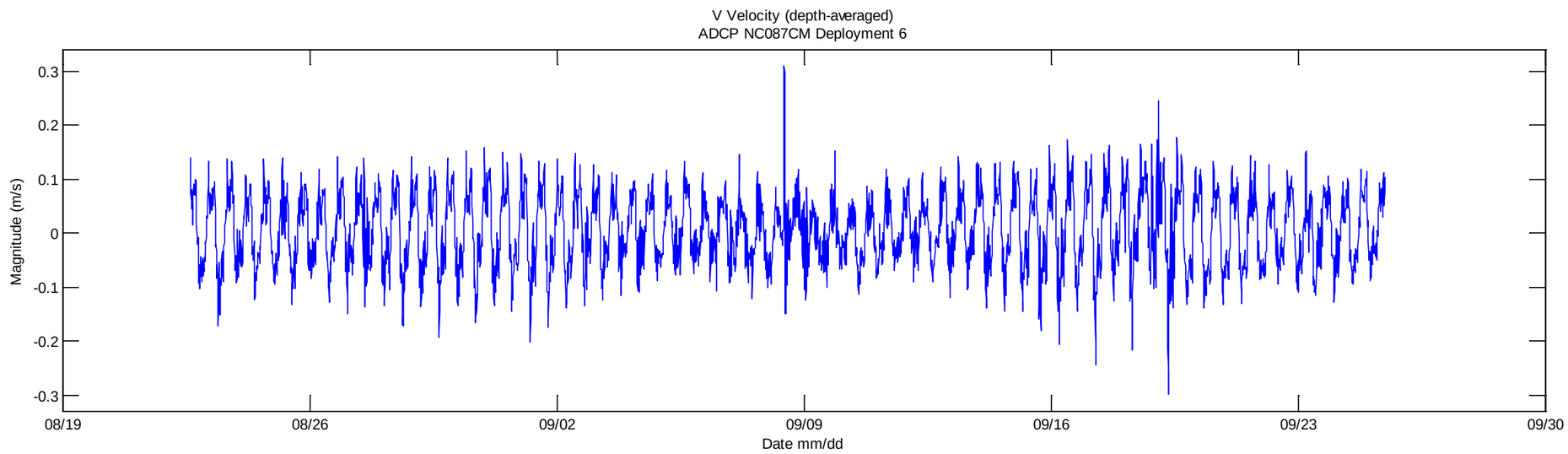


Notes:
1. Station NC086CM was overturned for unknown reasons during Deployment 6.
It was deployed August 23, 2012, and was overturned on August 26, 2012;
therefore, there are no reliable data for this deployment after that date.

I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_182_QC_D6_NC083CM.docx

I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_183_QC_D6_NC087CM.docx





Notes:
U = east component of the current velocity
V = north component of the current velocity

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Figure A1-183
Deployment 6, Station NC087CM – Depth Averaged U and V Velocities
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

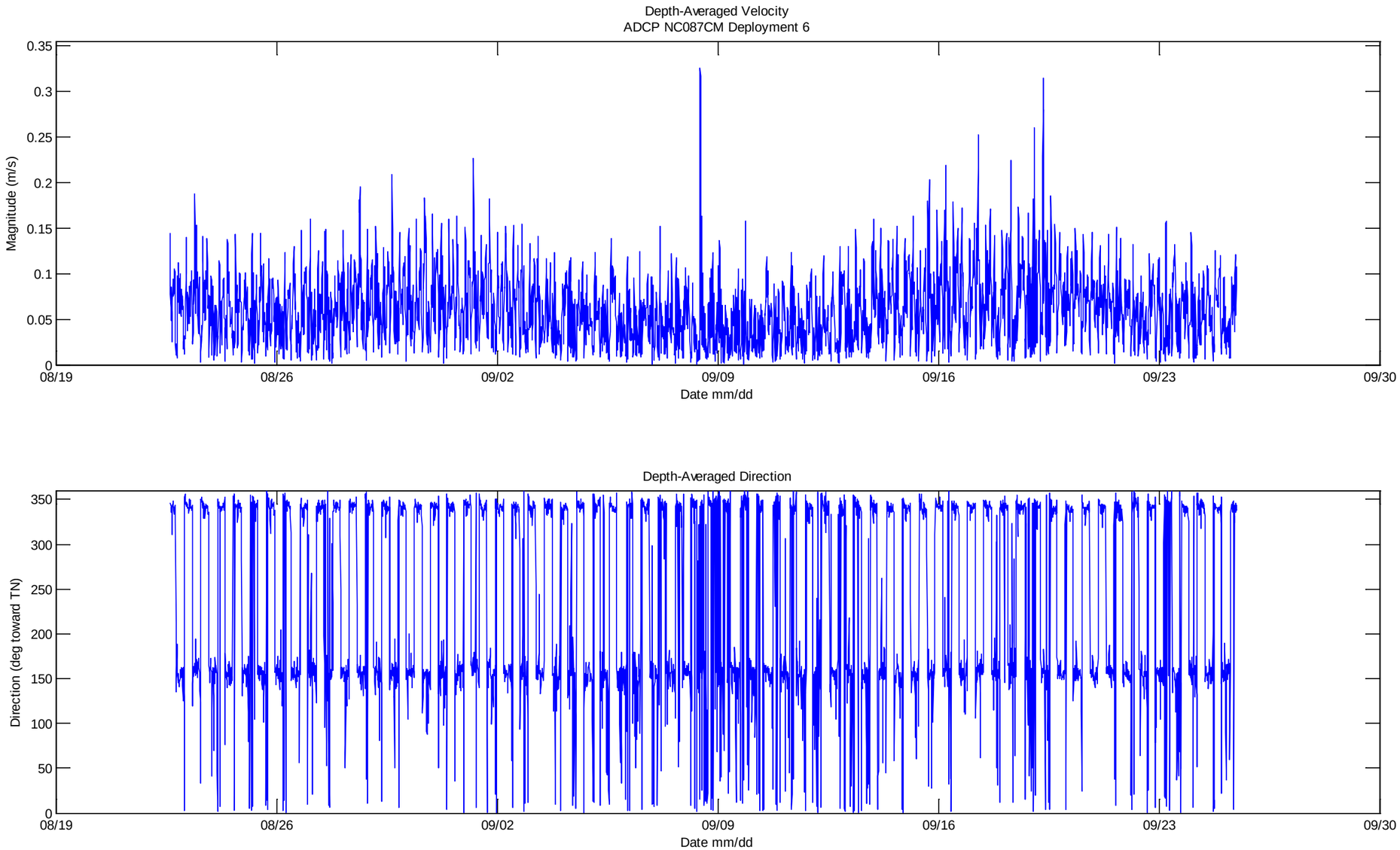

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Figure A1-184
Deployment 6, Station NC087CM – Depth Averaged Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_185_QC_D6_NC087CM.docx

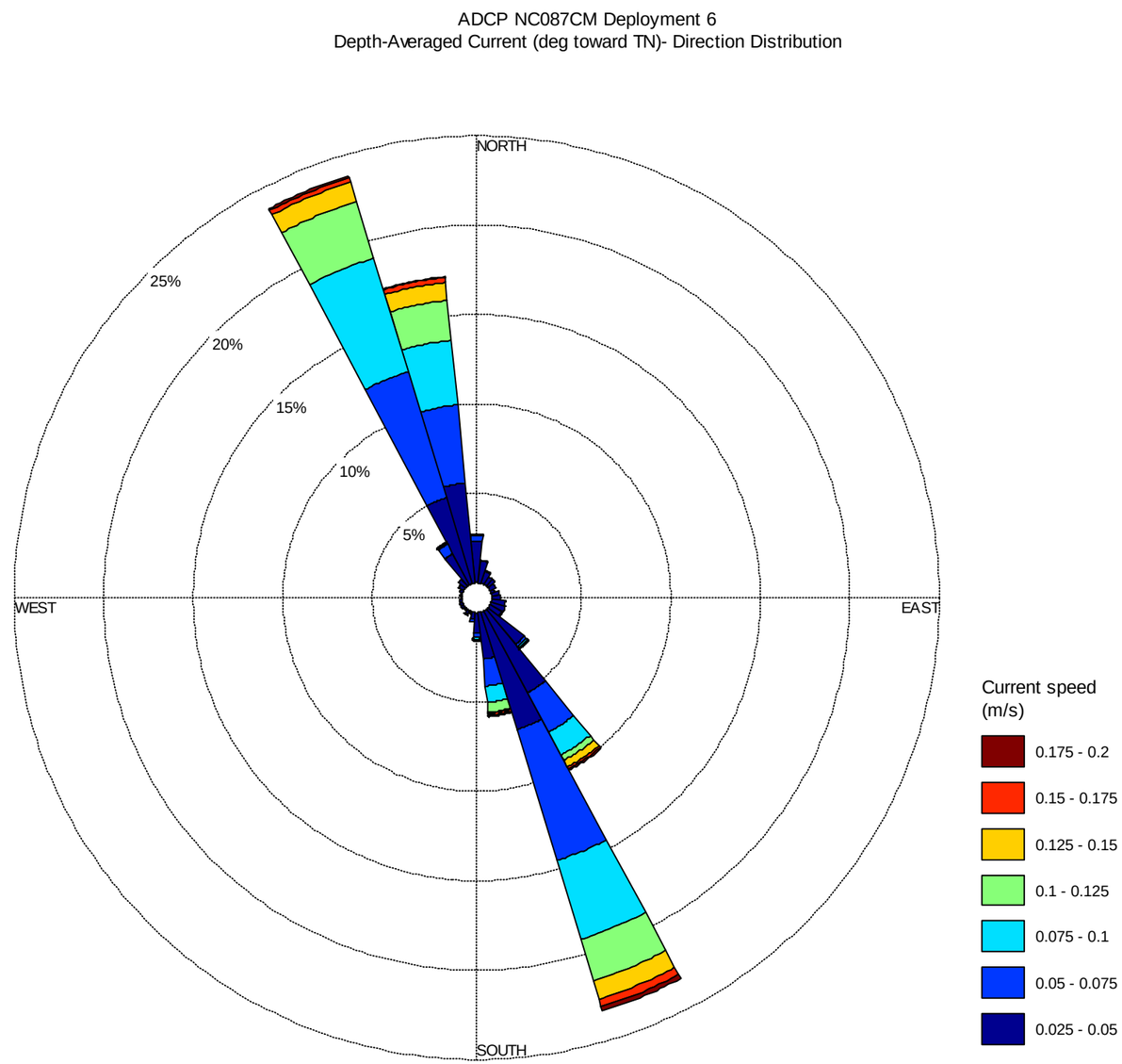

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Figure A1-185
Deployment 6, Station NC087CM – Depth Averaged Current Rose
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_186_QC_D6_NC087CM.docx

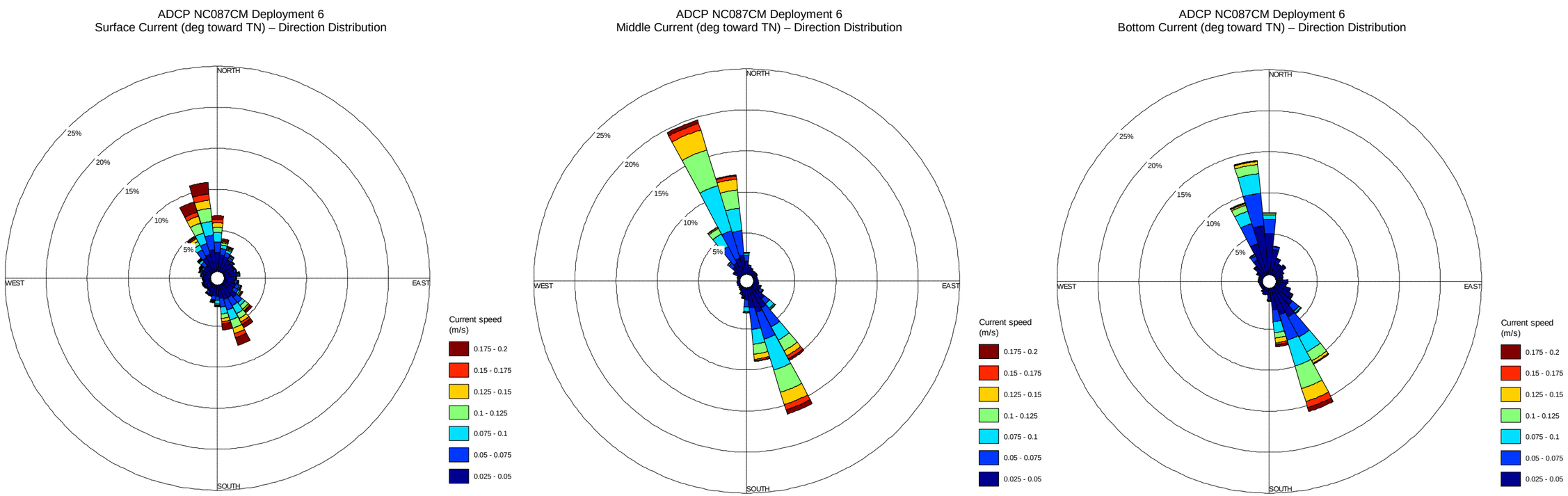

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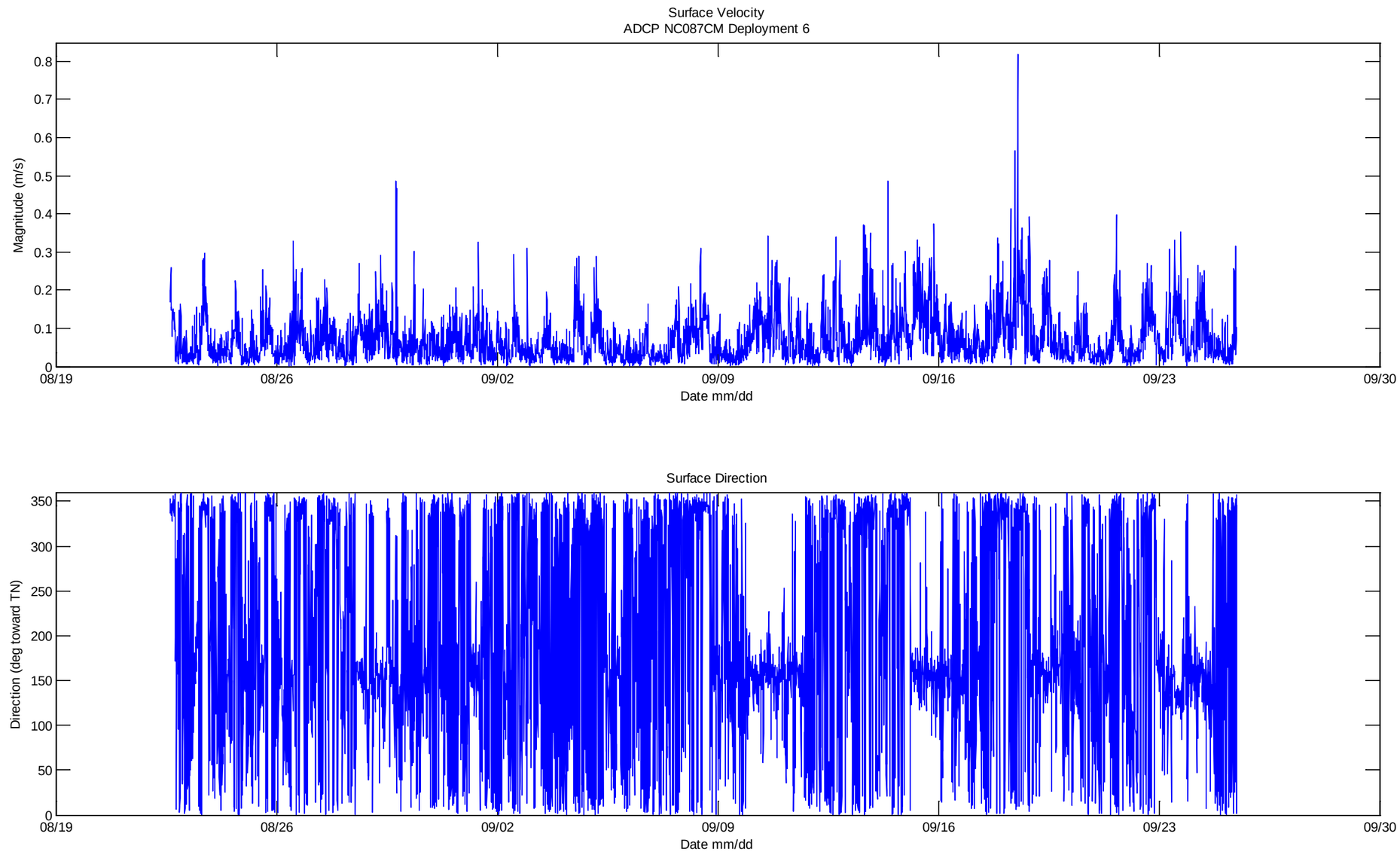
Figure A1-186
Deployment 6, Station NC087CM – Surface, Middle, and Bottom Current Roses
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS



I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_187_QC_D6_NC087CM.docx

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Figure A1-187
Deployment 6, Station NC087CM – Surface Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_188_QC_D6_NC087CM.docx

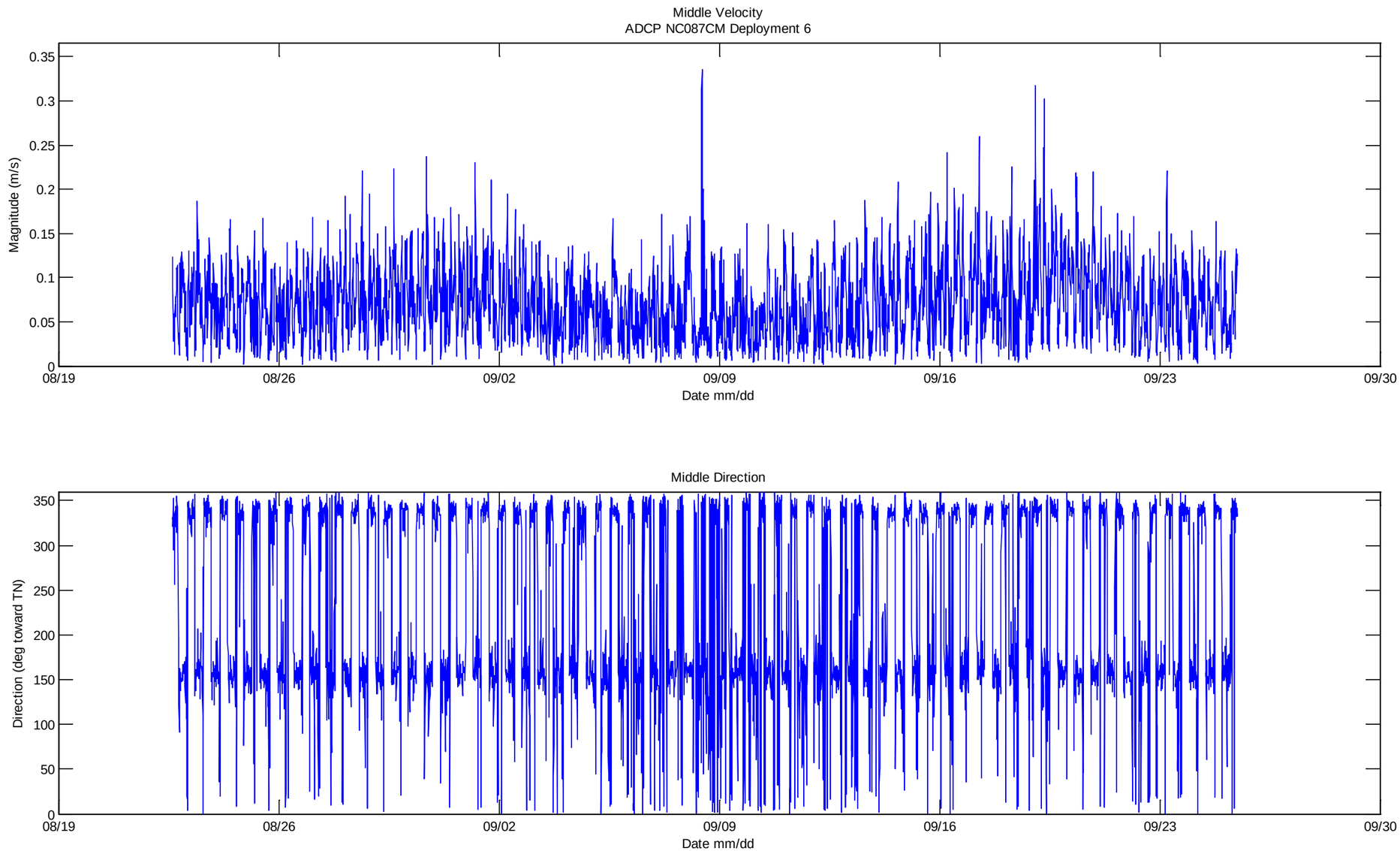

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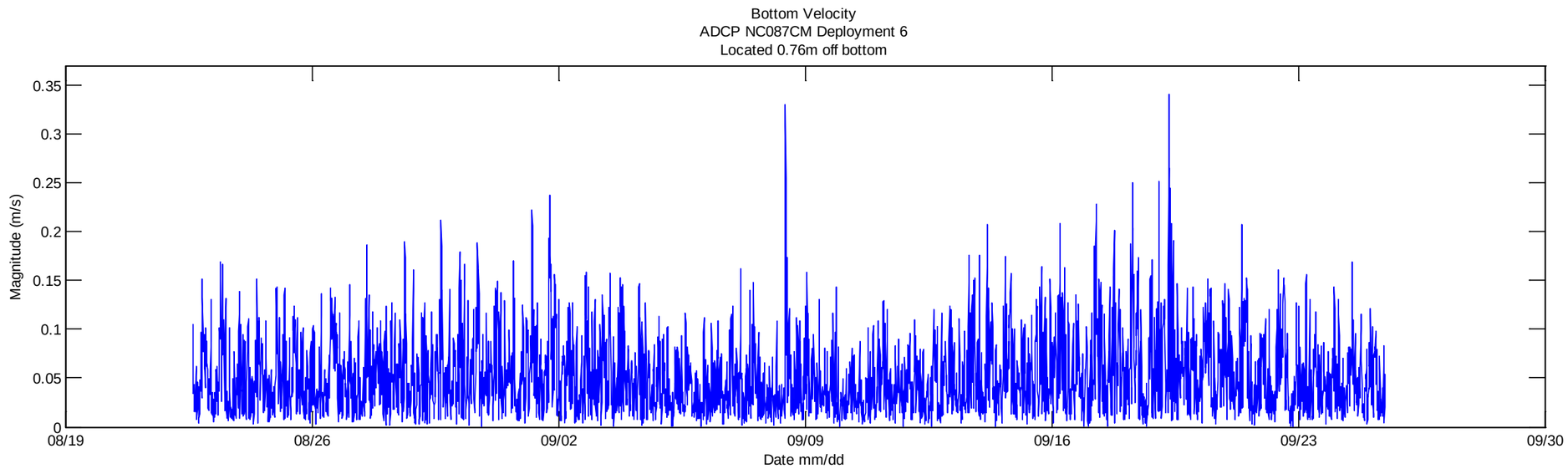
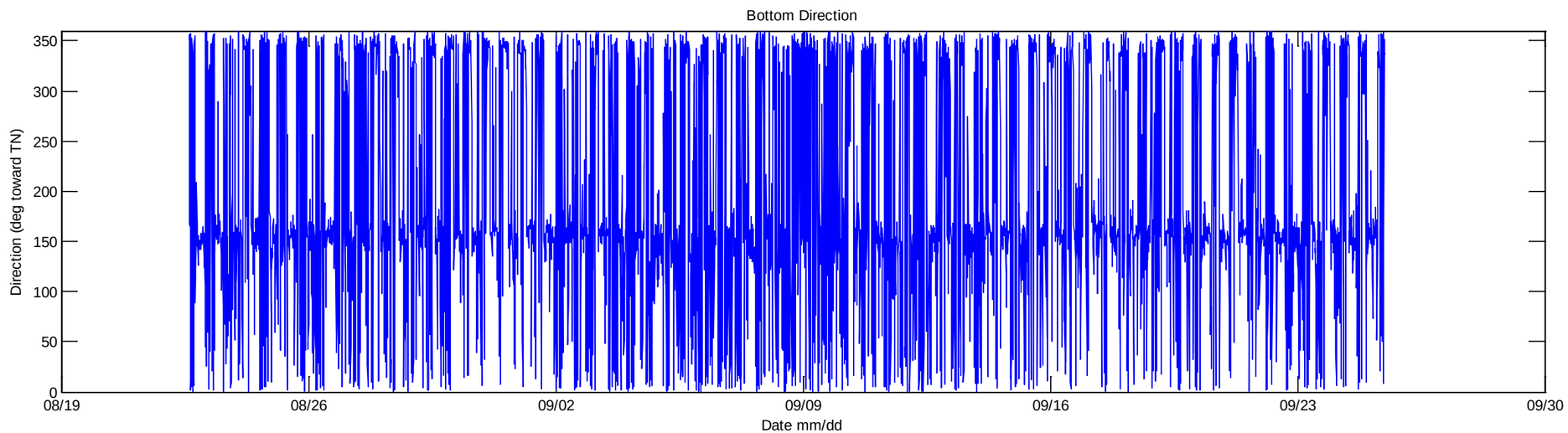
Figure A1-188
Deployment 6, Station NC087CM – Middle Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS





I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_189_QC_D6_NC087CM.docx

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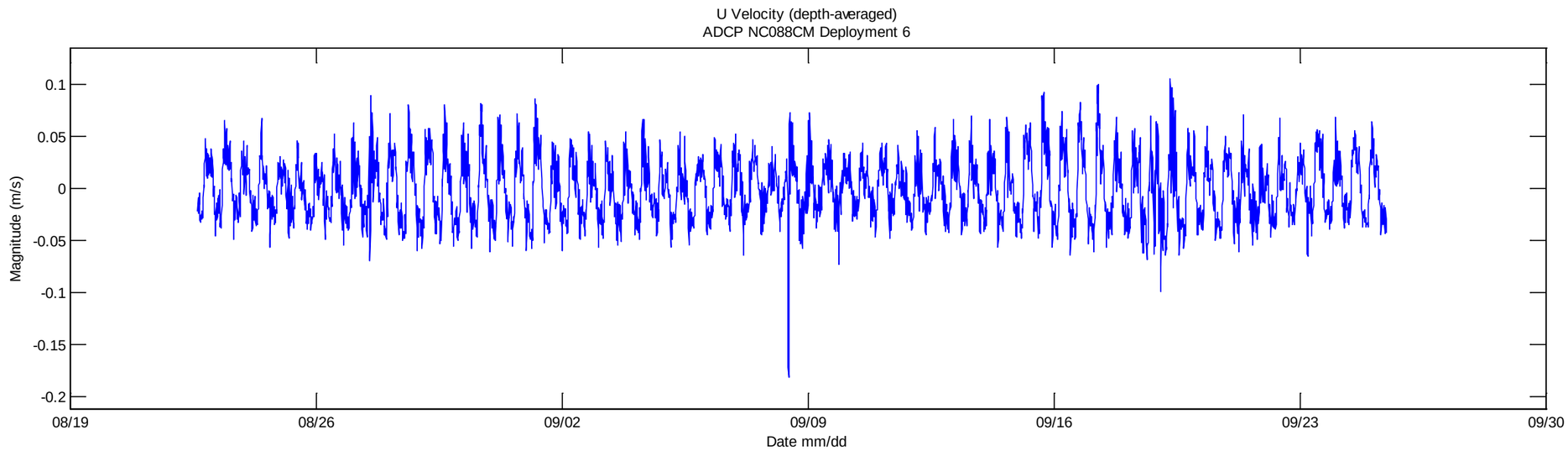
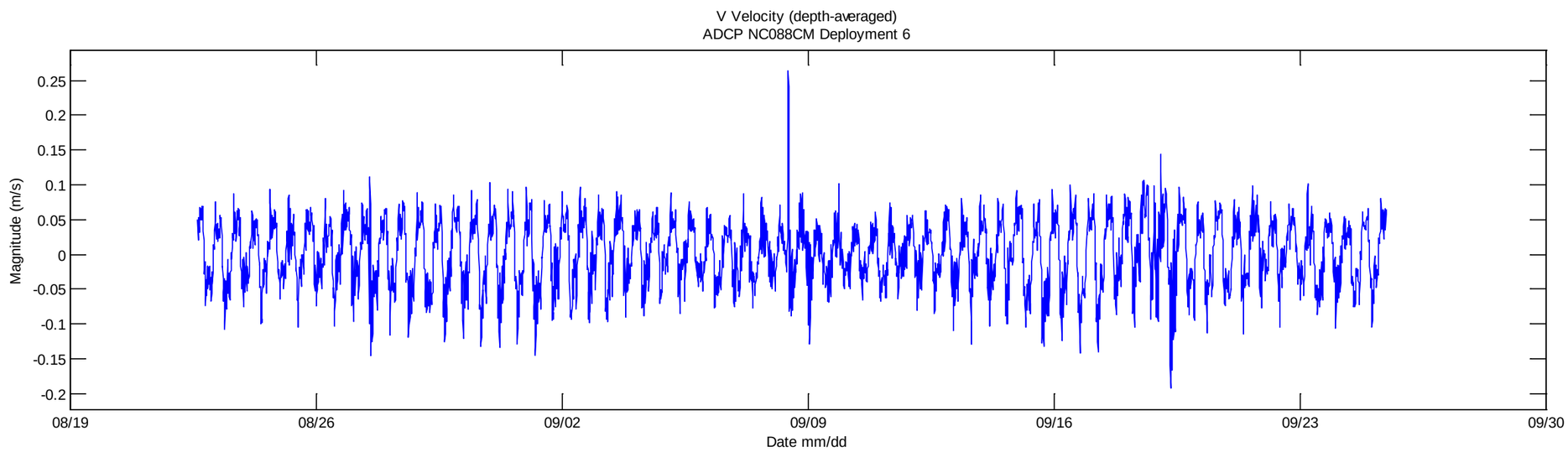
Figure A1-189
Deployment 6, Station NC087CM – Bottom Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS



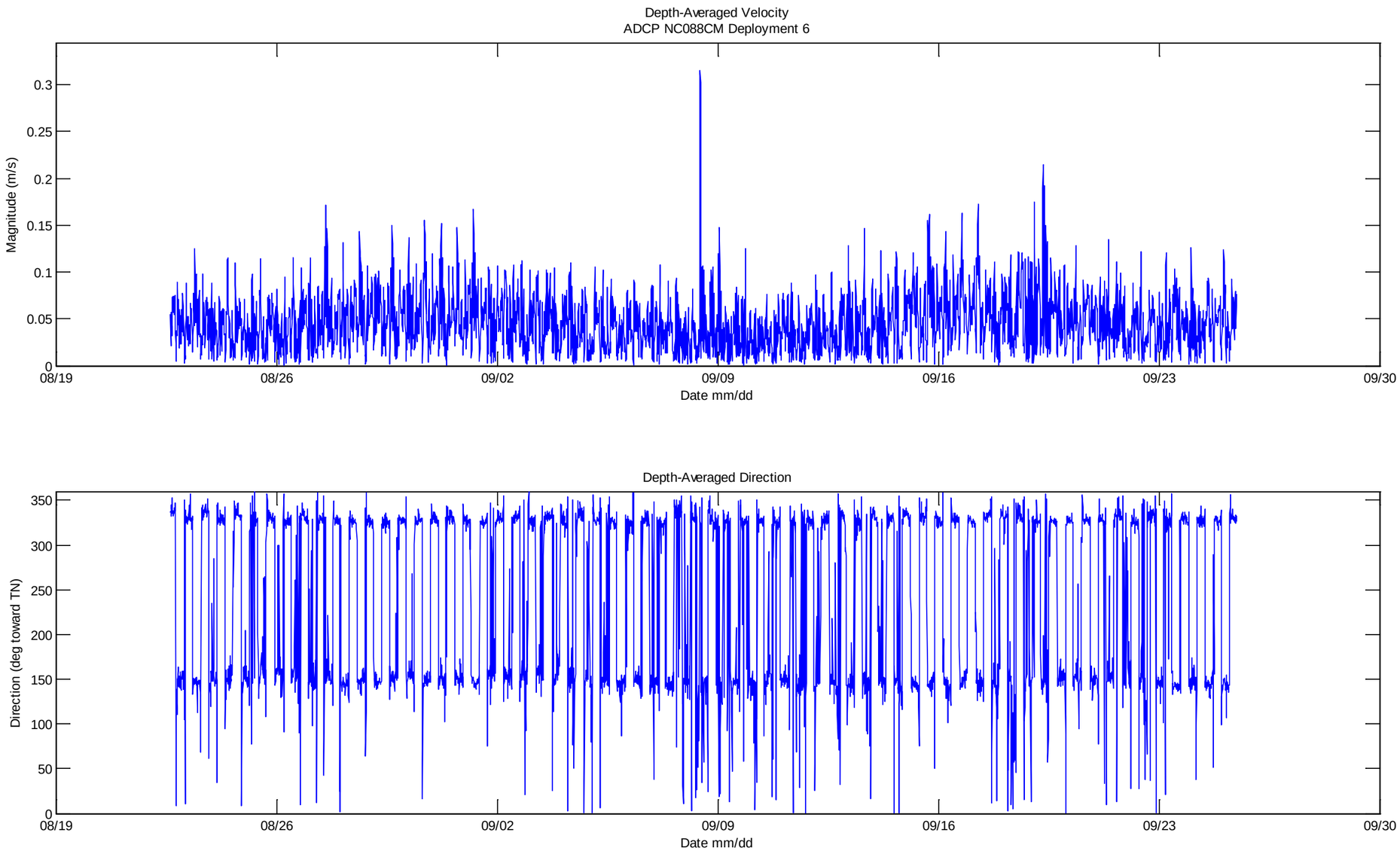


Notes:
U = east component of the current velocity
V = north component of the current velocity

I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_190_QC_D6_NC088CM.docx

Figure A1-190
Deployment 6, Station NC088CM – Depth Averaged U and V Velocities
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_191_QC_D6_NC088CM.docx



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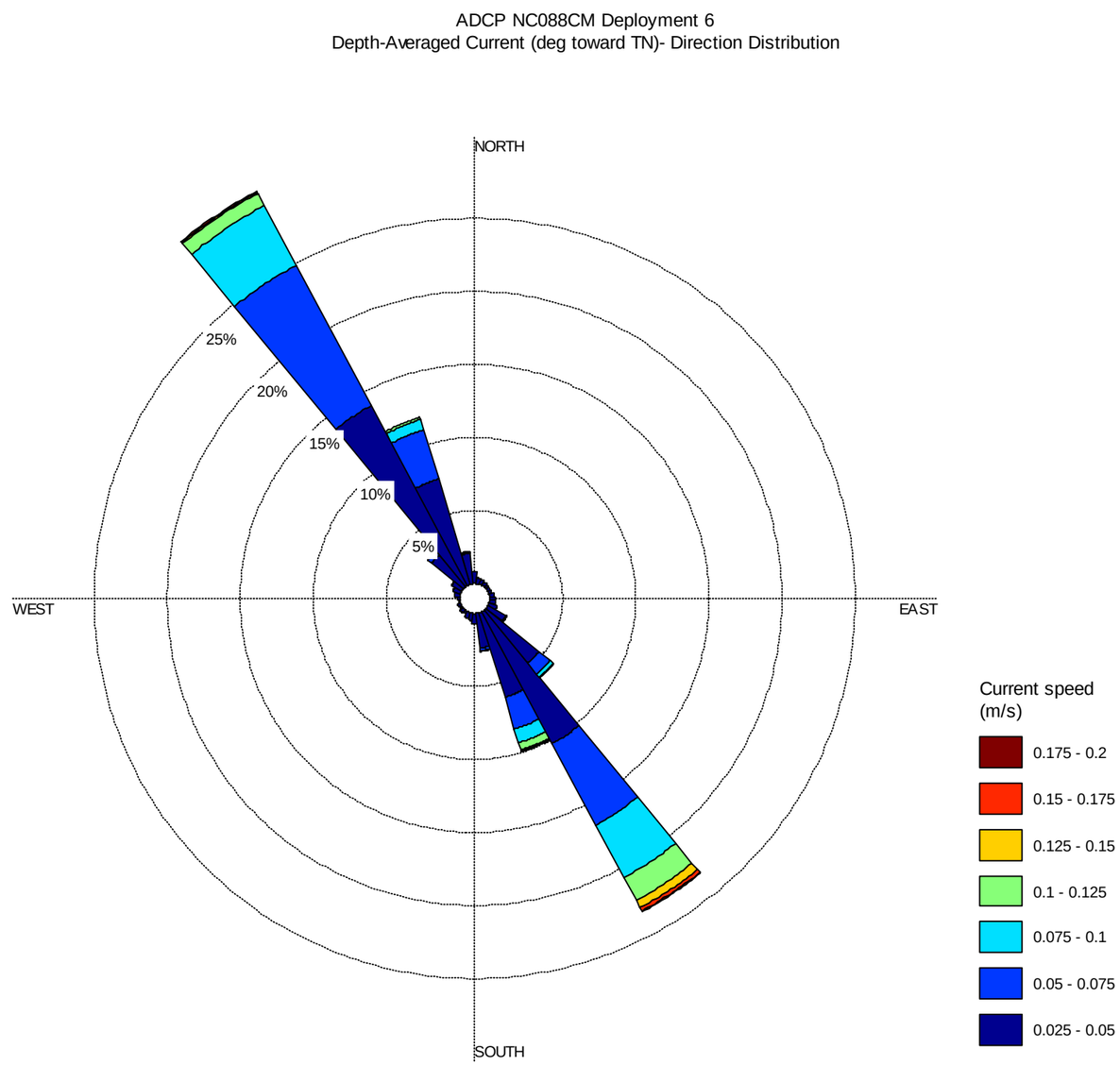

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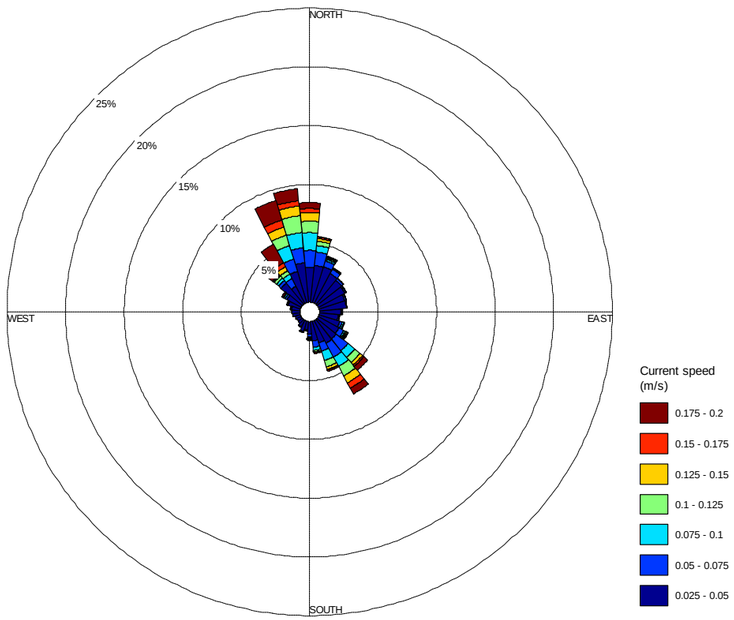
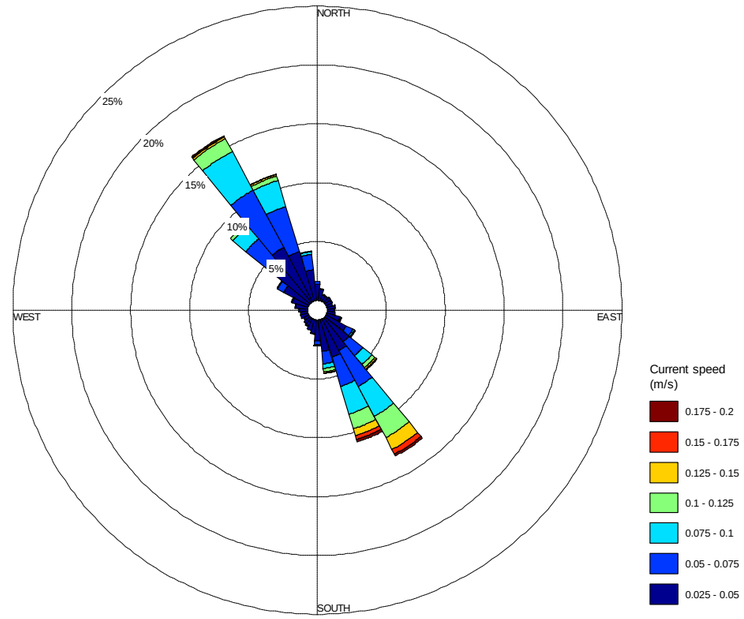
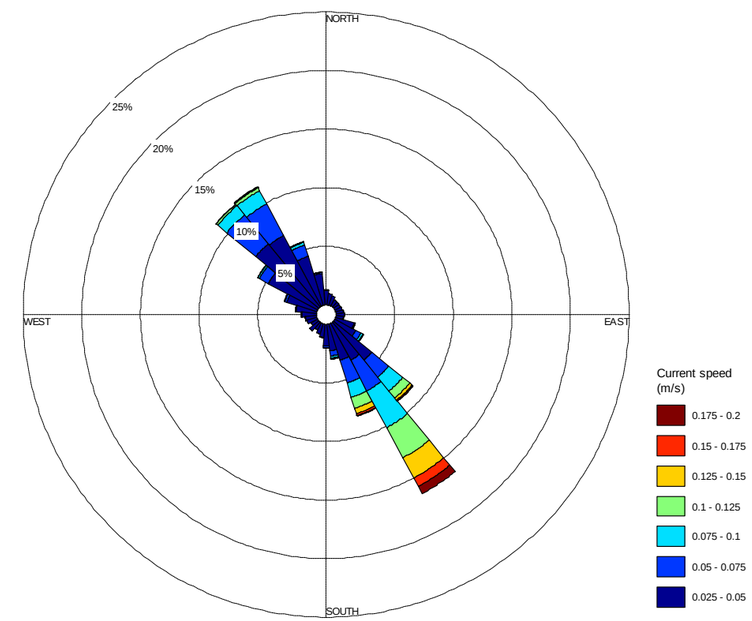
Figure A1-192
Deployment 6, Station NC088CM – Depth Averaged Current Rose
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_193_QC_D6_NC088CM.docx







Current speed (m/s)

- 0.175 - 0.2
- 0.15 - 0.175
- 0.125 - 0.15
- 0.1 - 0.125
- 0.075 - 0.1
- 0.05 - 0.075
- 0.025 - 0.05

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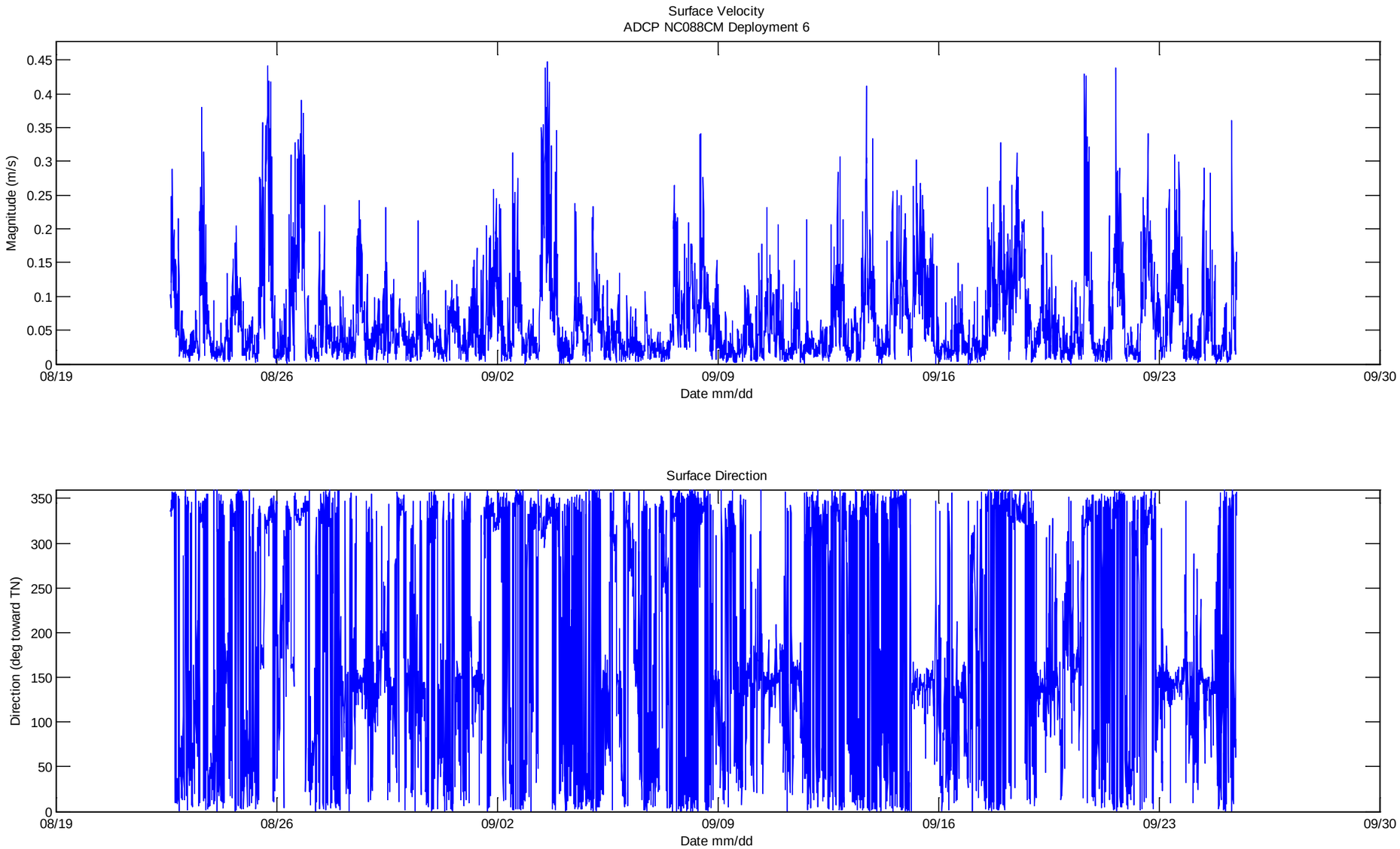
Figure A1-193
Deployment 6, Station NC088CM – Surface, Middle, and Bottom Current Roses
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS



I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_194_QC_D6_NC088CM.docx

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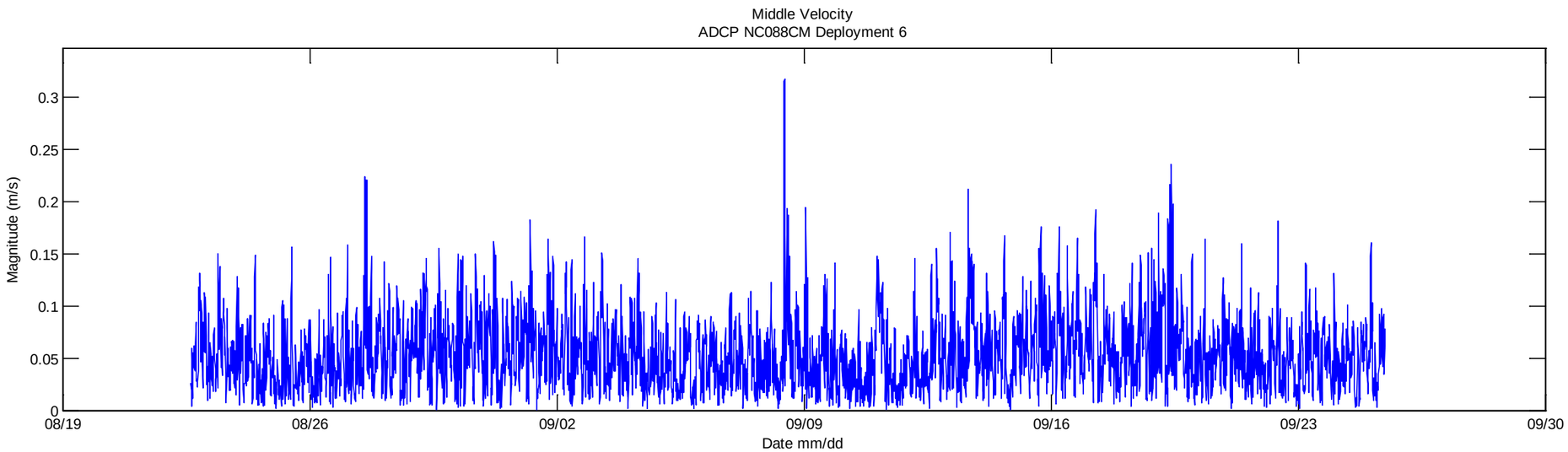
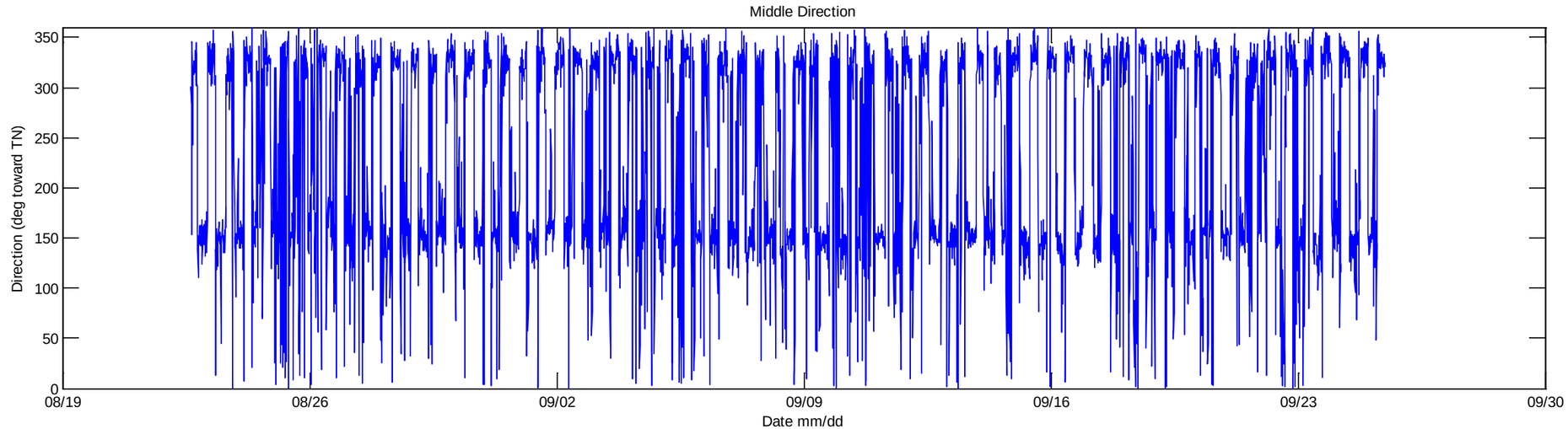
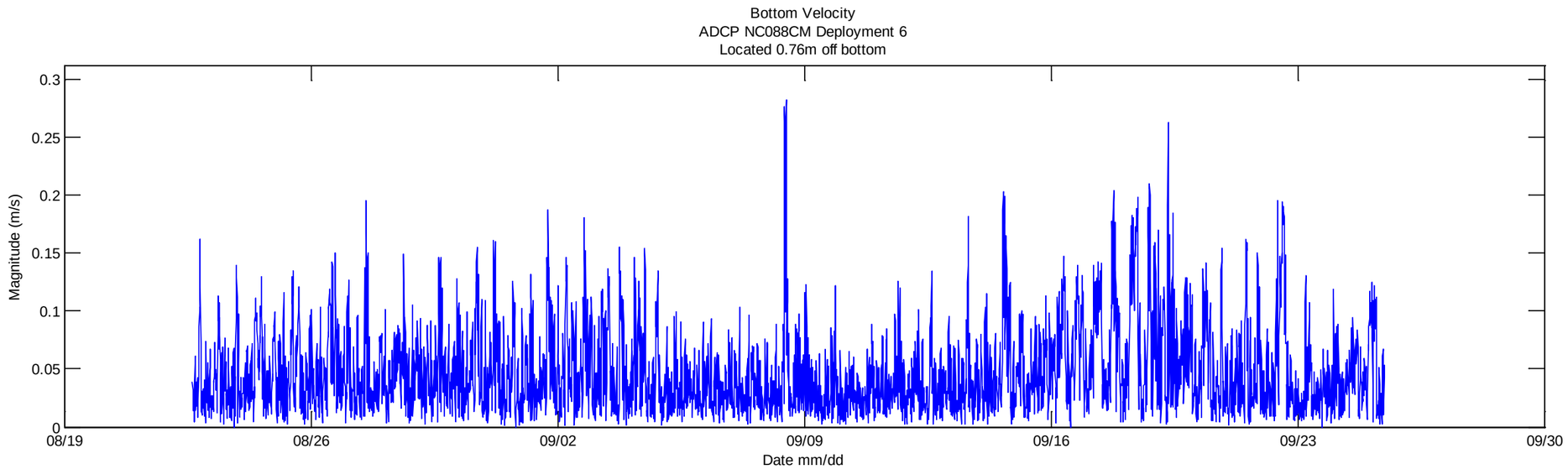
Figure A1-194
Deployment 6, Station NC088CM – Surface Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

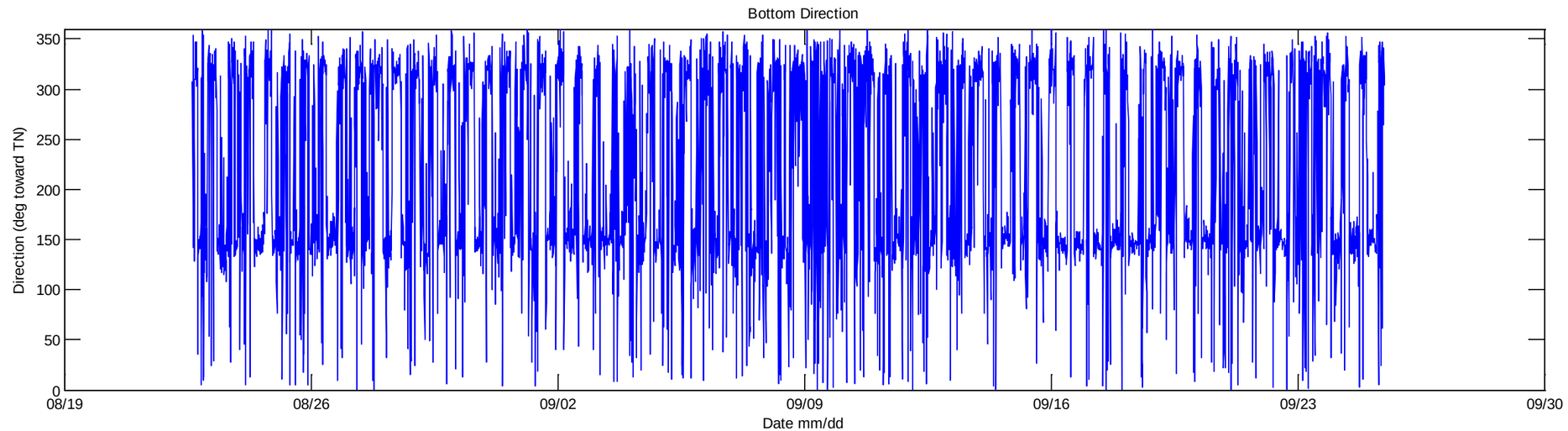




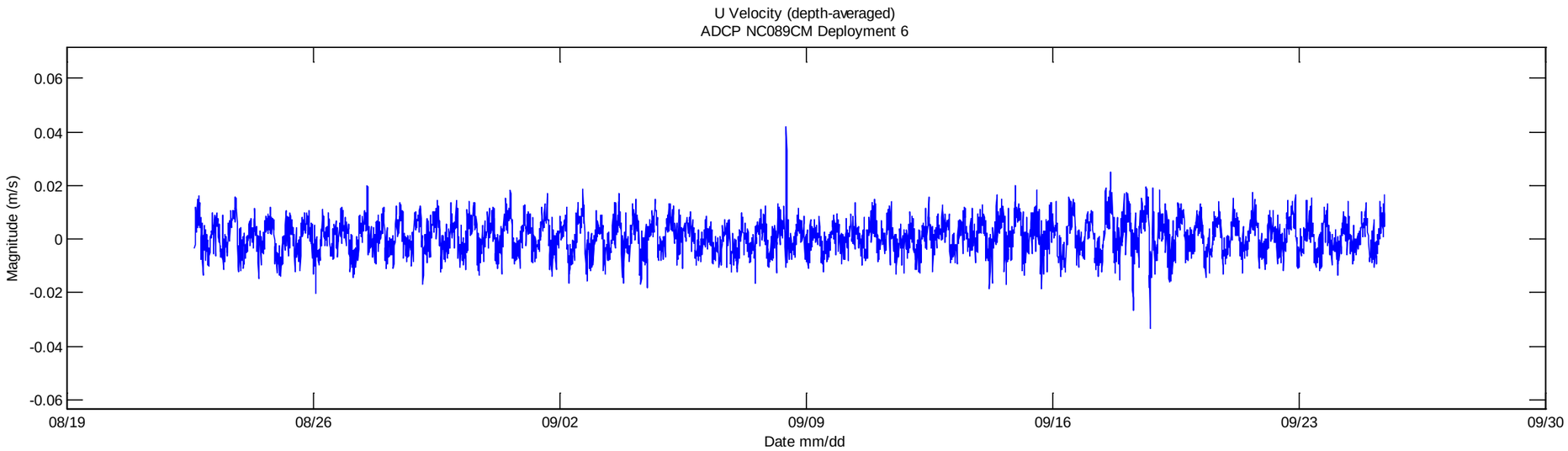
I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_195_QC_D6_NC088CM.docx

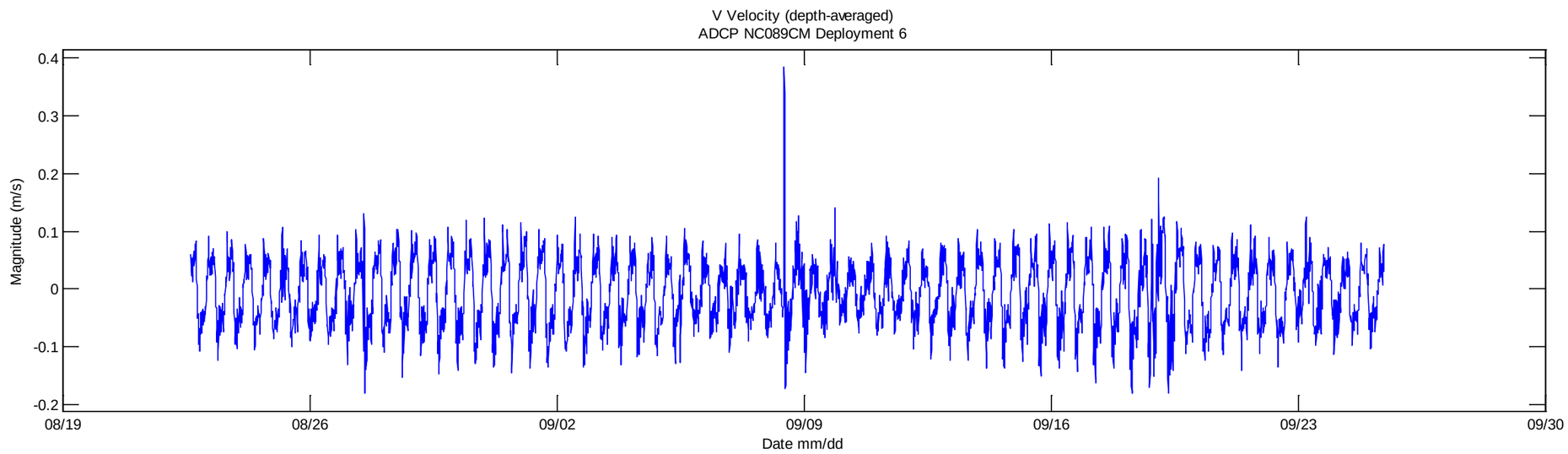
Figure A1-195
Deployment 6, Station NC088CM – Middle Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS





I:\Projects\Newtown_Creek\Deliverables\DSR\Submittal 1\03_USEPA\03_Appendices\A_Data\01_Surface Water Velocity and TSS Data\01_Summary Plots of ADCP Current Data\Source Files\D6\Figure_196_QC_D6_NC088CM.docx





Notes:
U = east component of the current velocity
V = north component of the current velocity

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Figure A1-197
Deployment 6, Station NC089CM – Depth Averaged U and V Velocities
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

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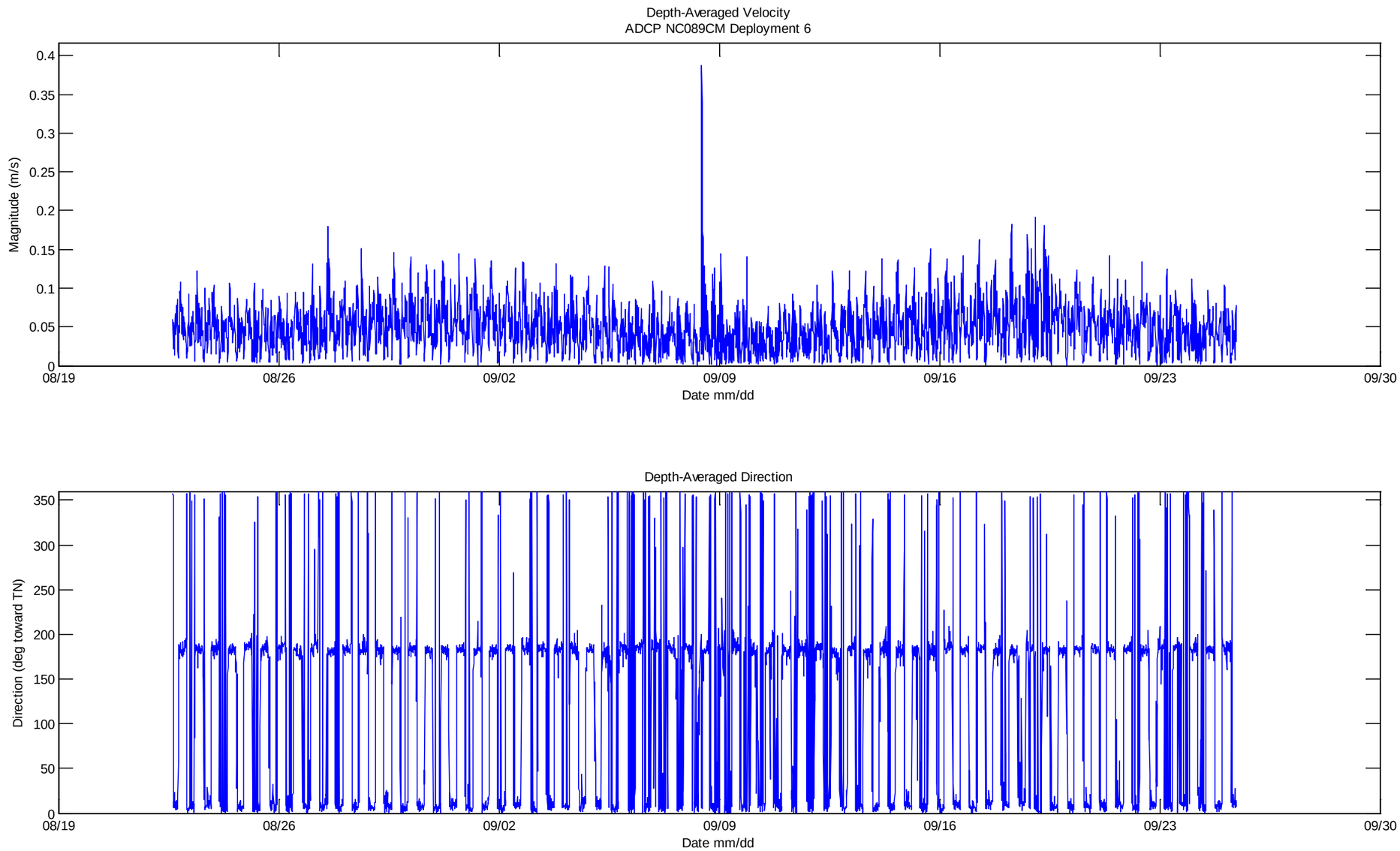

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Figure A1-198
Deployment 6, Station NC089CM – Depth Averaged Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

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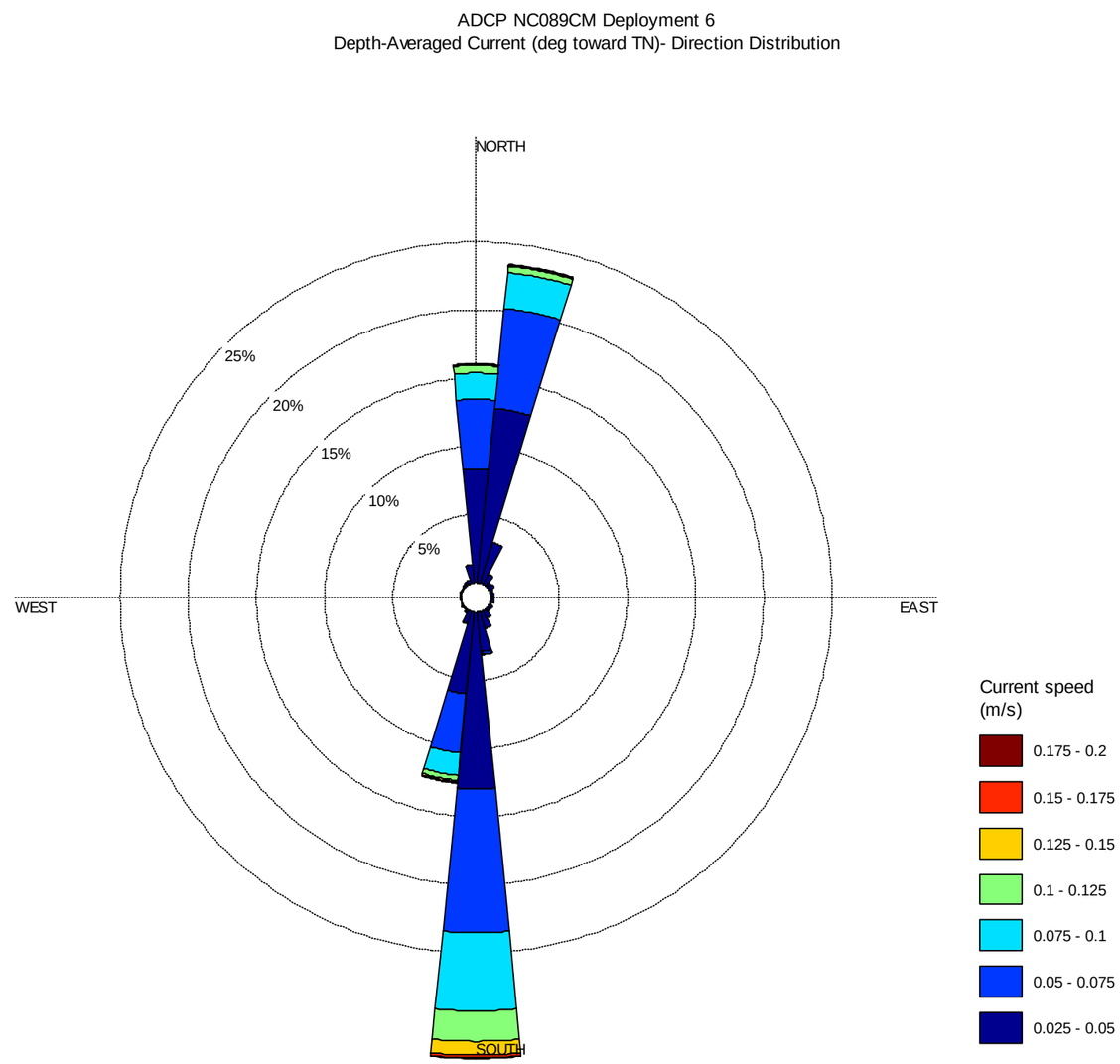

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Figure A1-199
Deployment 6, Station NC089CM – Depth Averaged Current Rose
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

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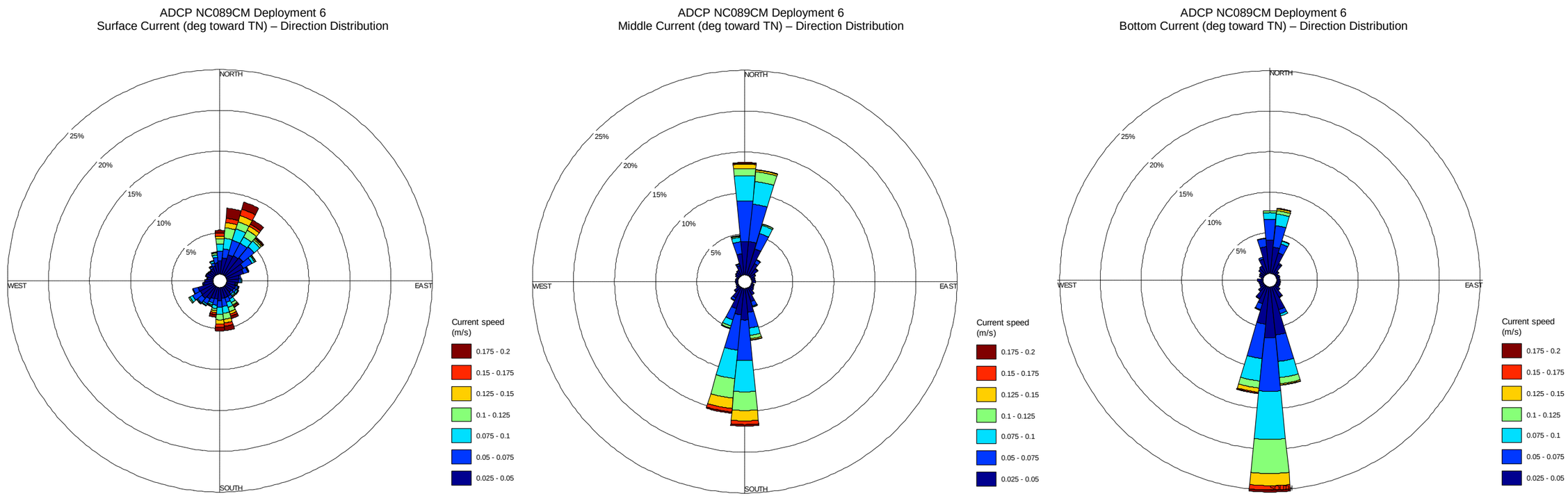

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Figure A1-200
Deployment 6, Station NC089CM – Surface, Middle, and Bottom Current Roses
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

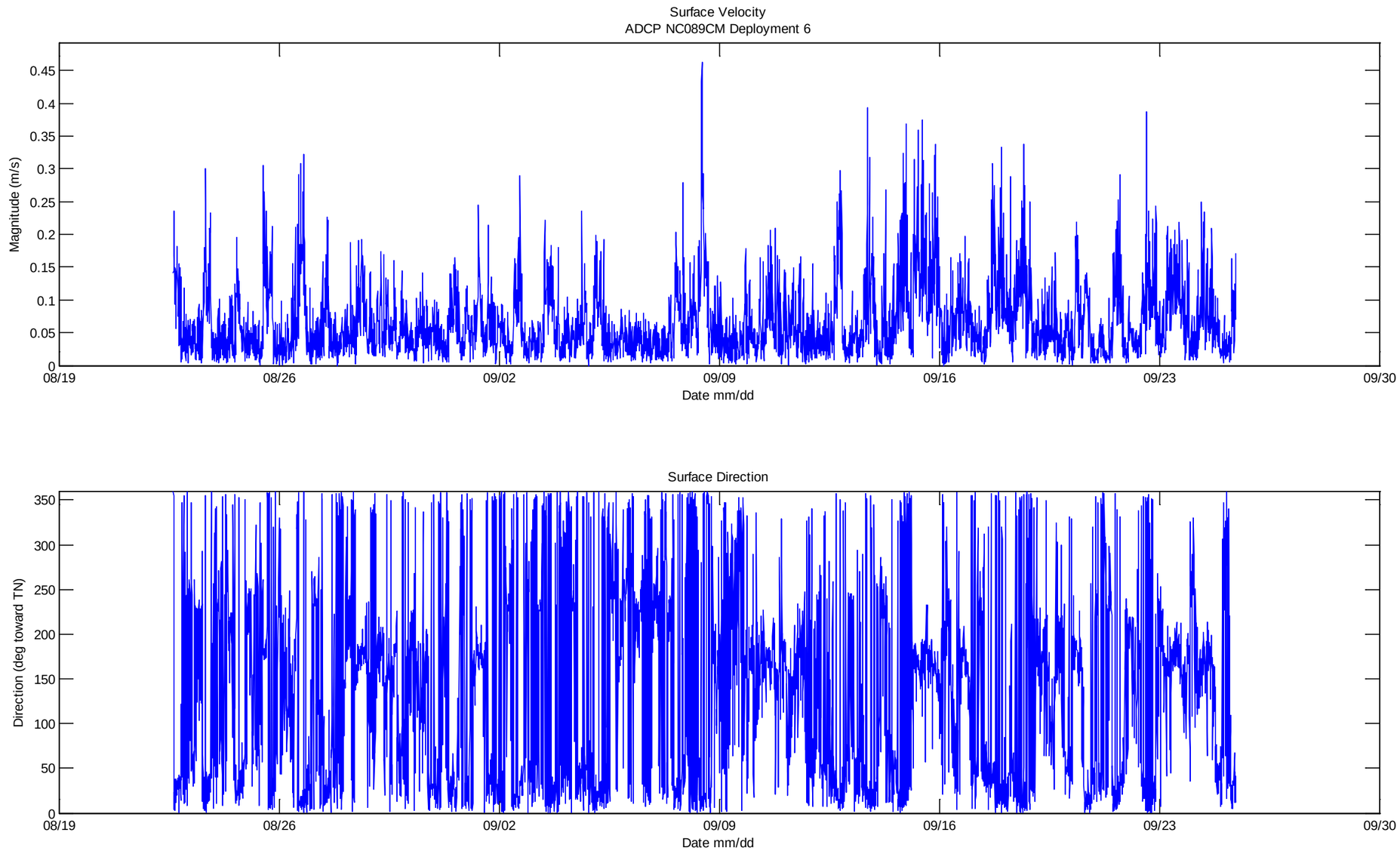

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Figure A1-201
Deployment 6, Station NC089CM – Surface Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

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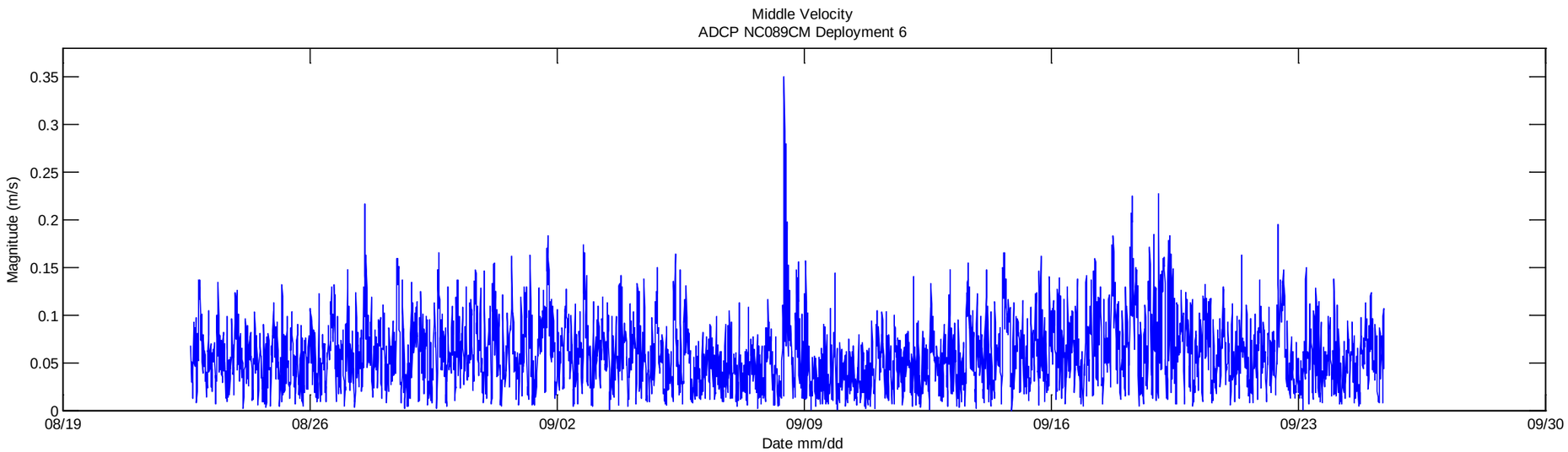

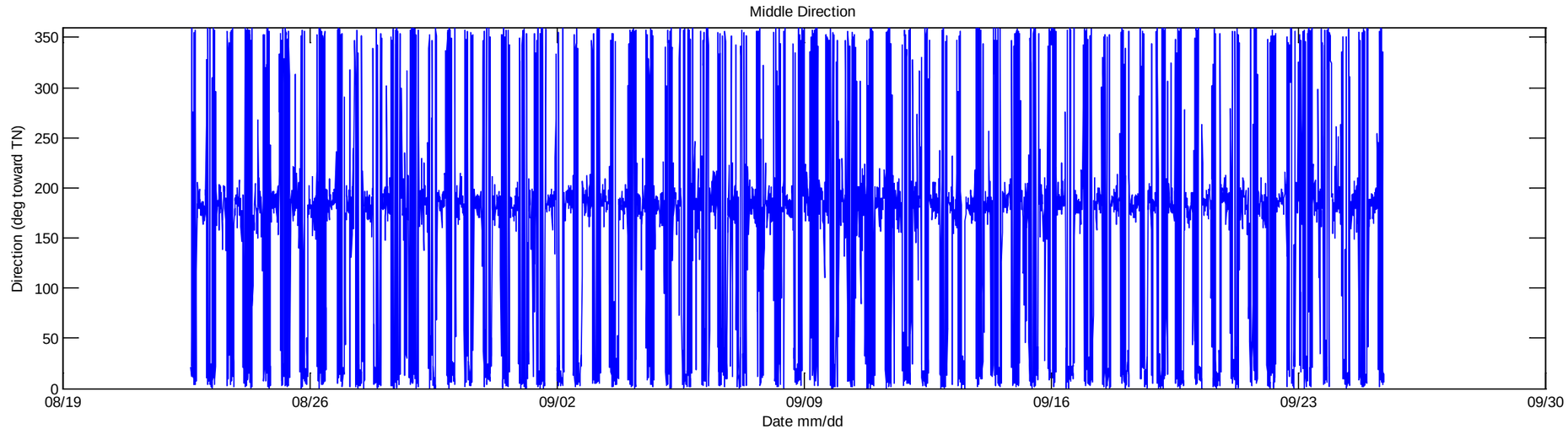

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Figure A1-202
Deployment 6, Station NC089CM – Middle Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

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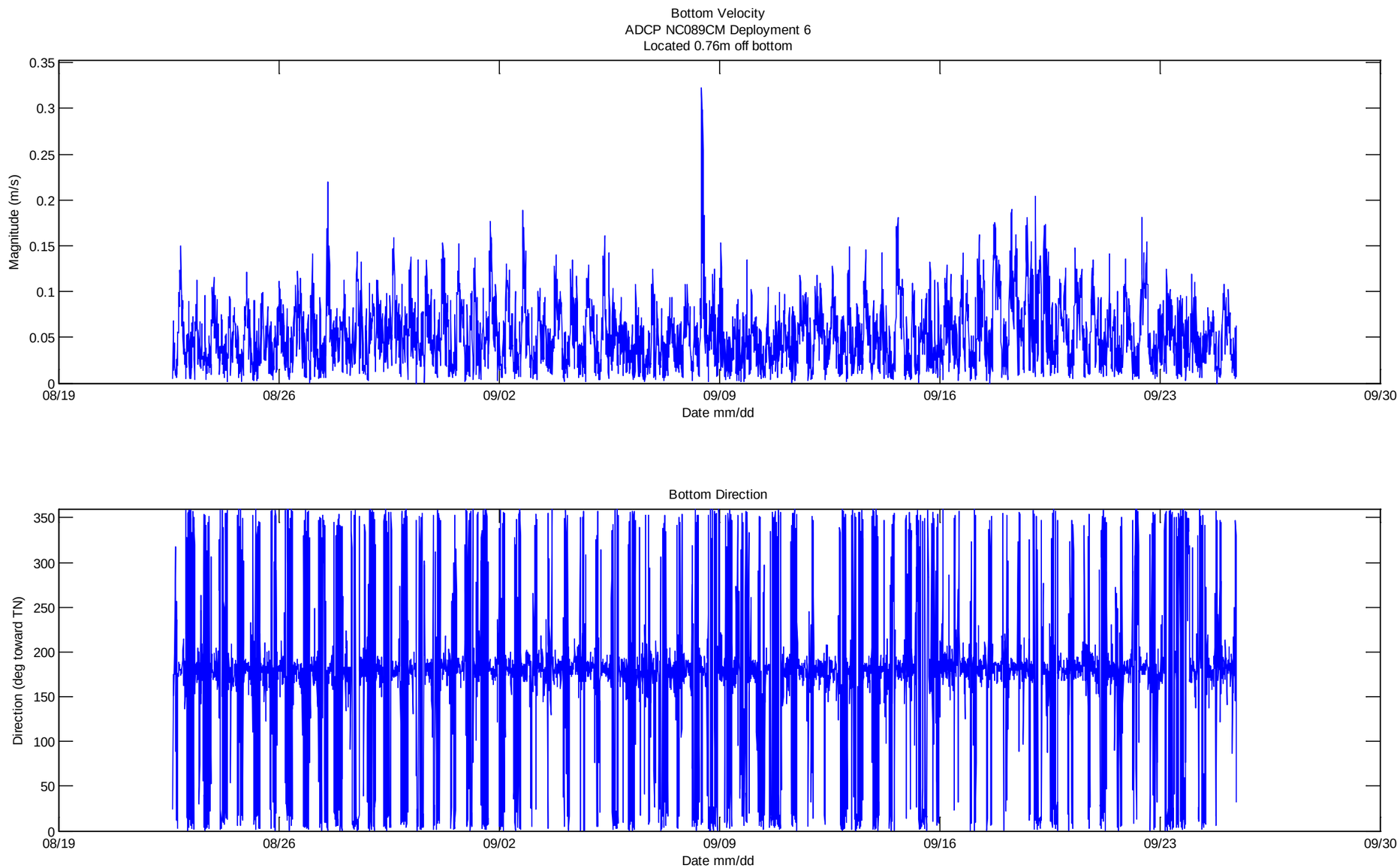

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Figure A1-203
Deployment 6, Station NC089CM – Bottom Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

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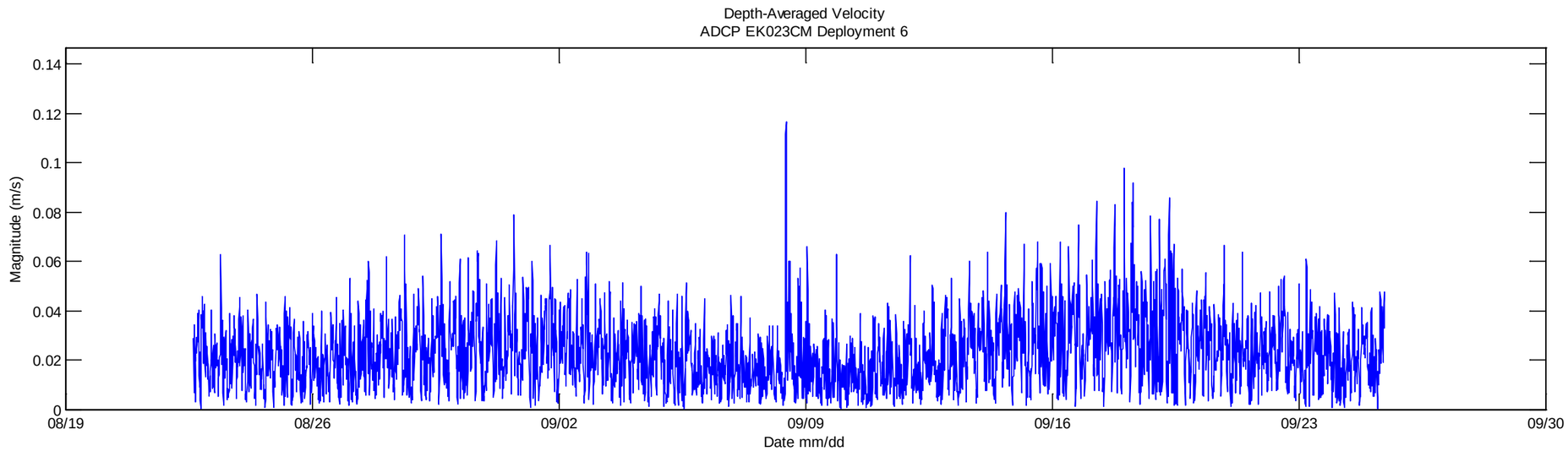

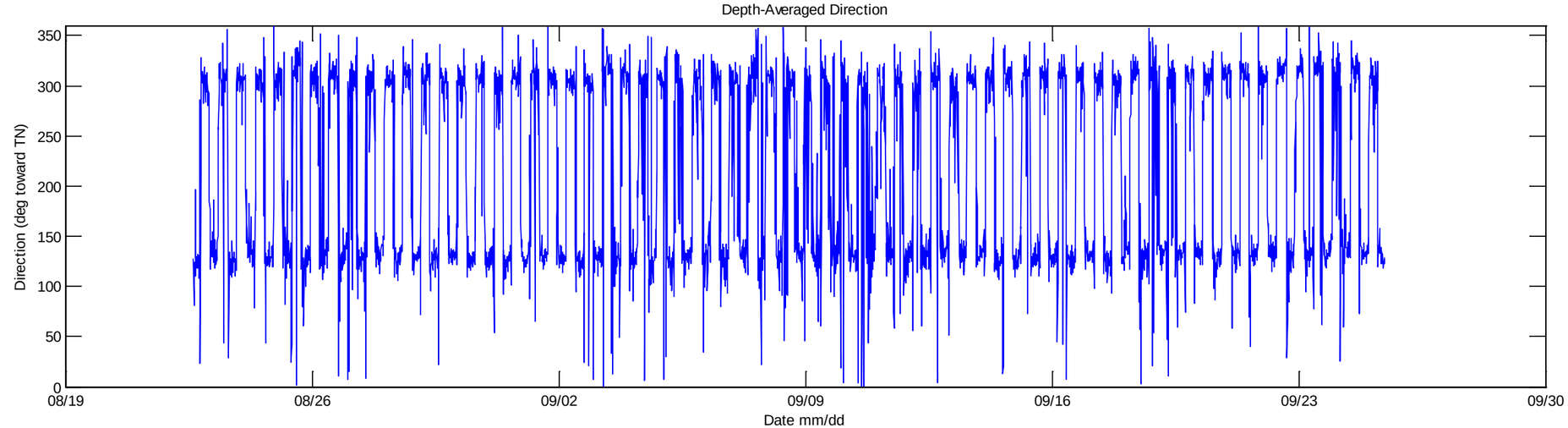

Notes:
1. The velocity directions for Station EK023CM during Deployment 6 are off by approximately 80 degrees clockwise from true north, compared to the other deployments at this station. It is believed this discrepancy is due to debris containing iron on the creek bed causing an offset in the magnetic compass. These data were provided here but are not considered reliable for use in future evaluations.

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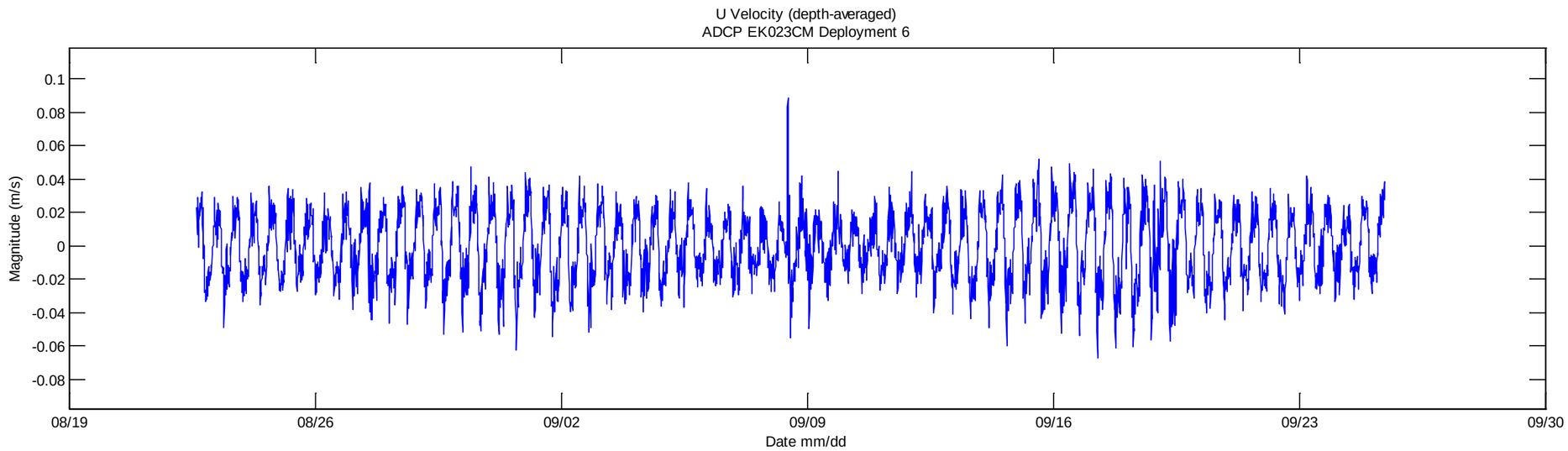

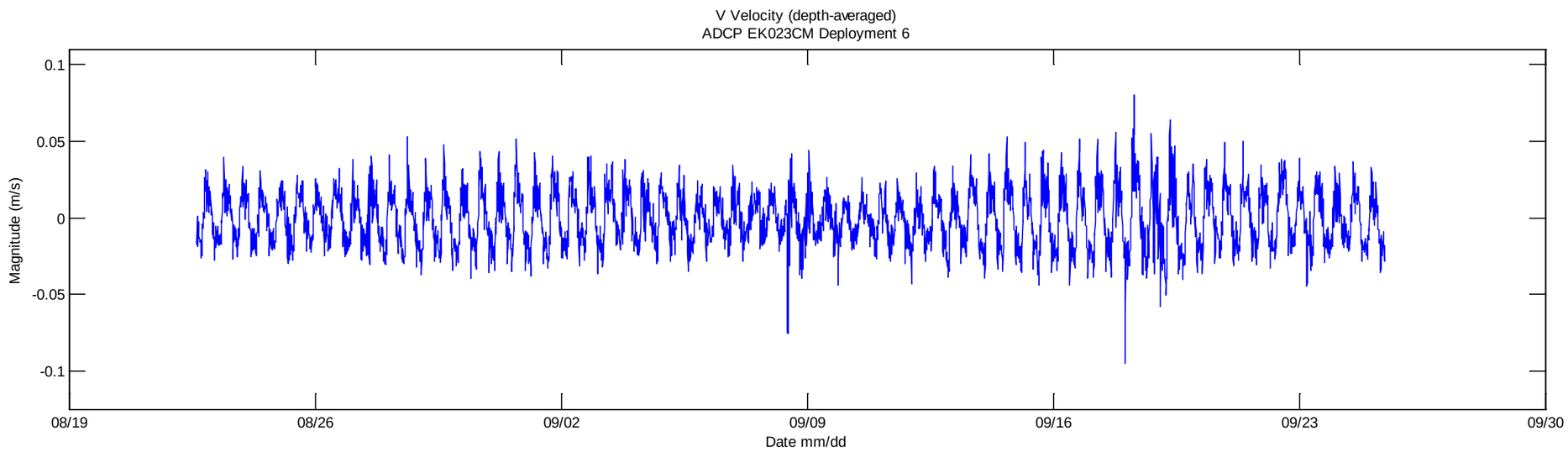

Notes:
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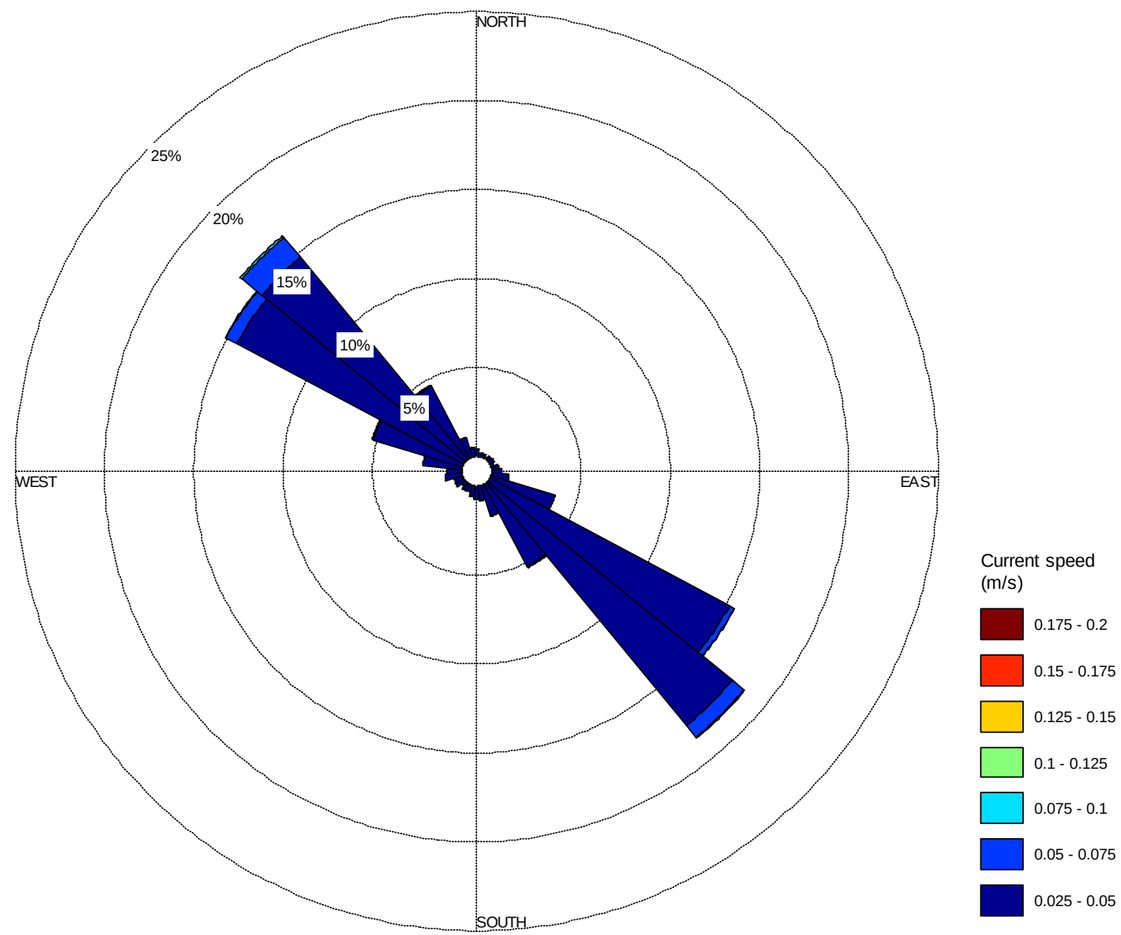
ADCP EK023CM Deployment 6
Depth-Averaged Current (deg toward TN)- Direction Distribution



Notes:
1. The velocity directions for Station EK023CM during Deployment 6 are off by approximately 80 degrees clockwise from true north, compared to the other deployments at this station. It is believed this discrepancy is due to debris containing iron on the creek bed causing an offset in the magnetic compass. These data were provided here but are not considered reliable for use in future evaluations.

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Figure A1-206
Deployment 6, Station EK023CM – Depth Averaged Current Rose
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Newtown Creek RI/FS

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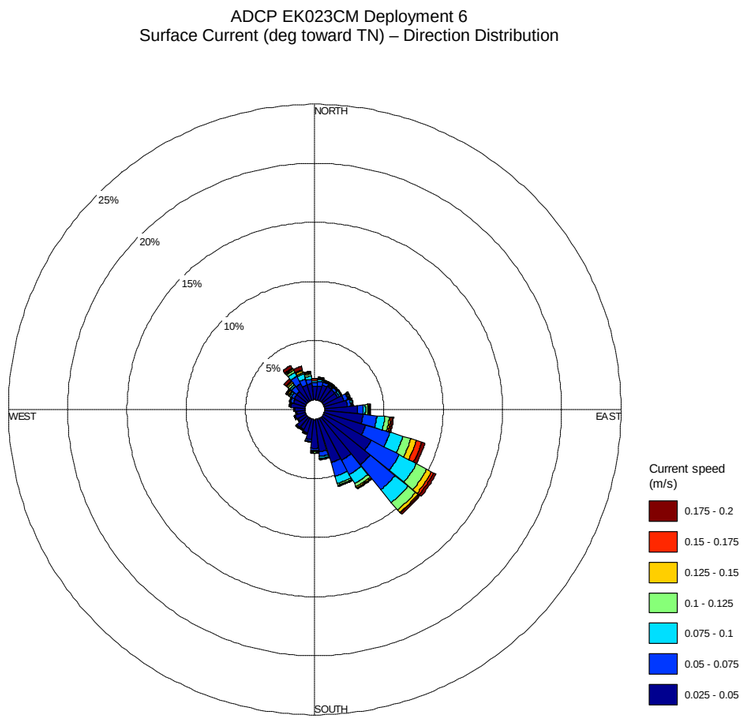
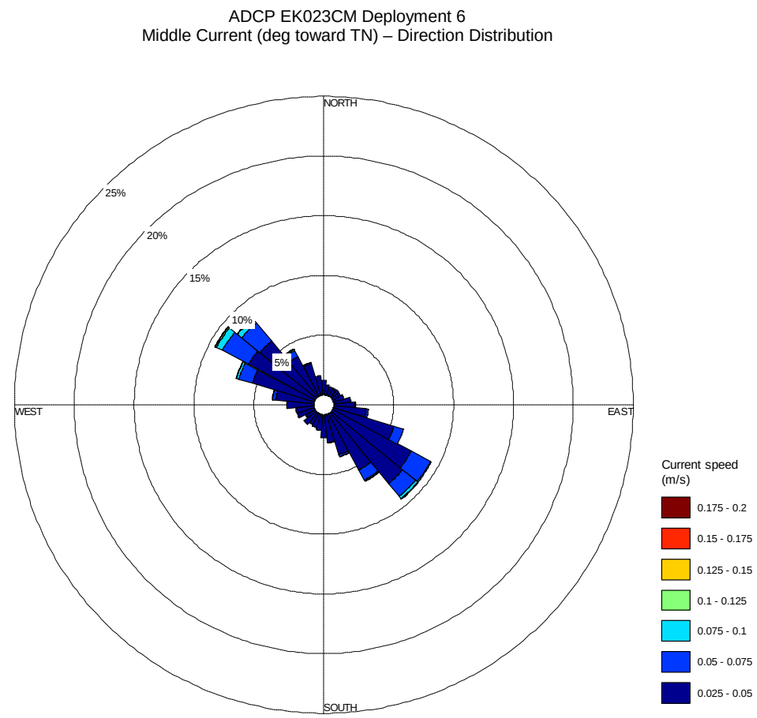
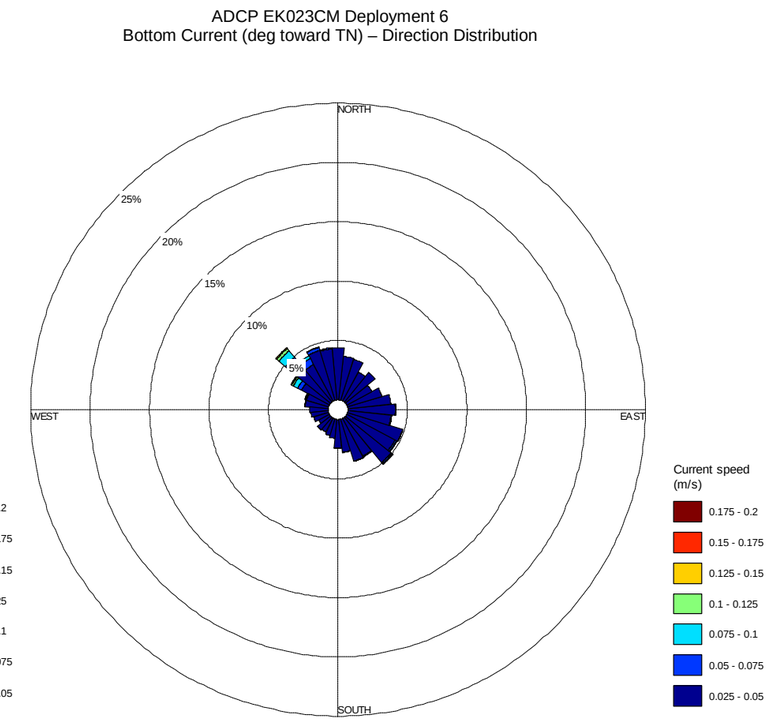
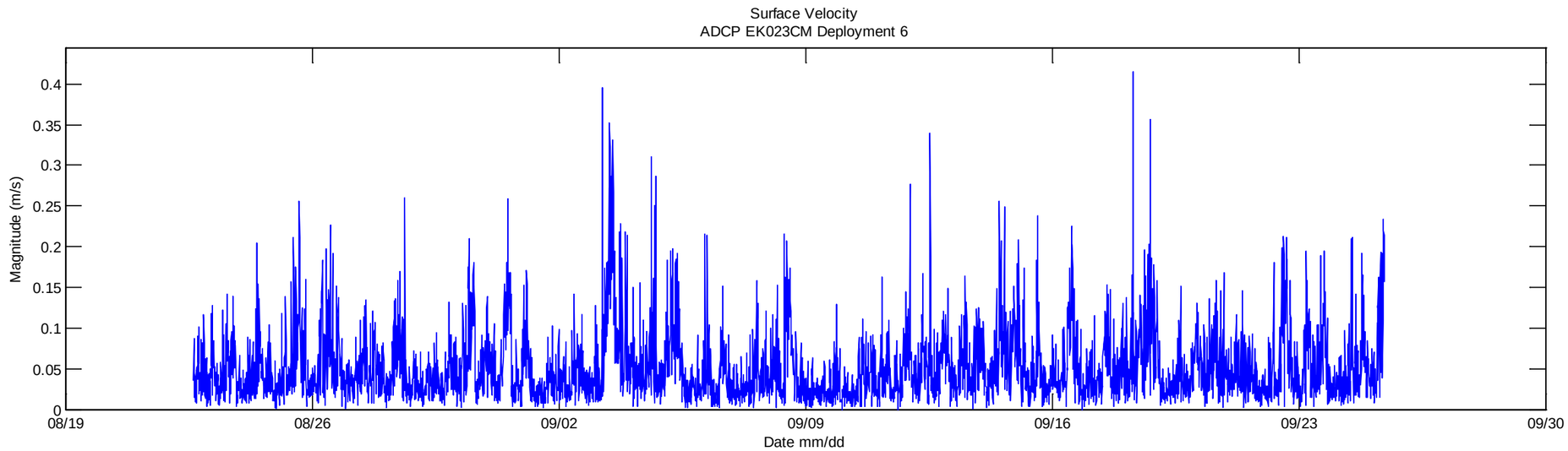
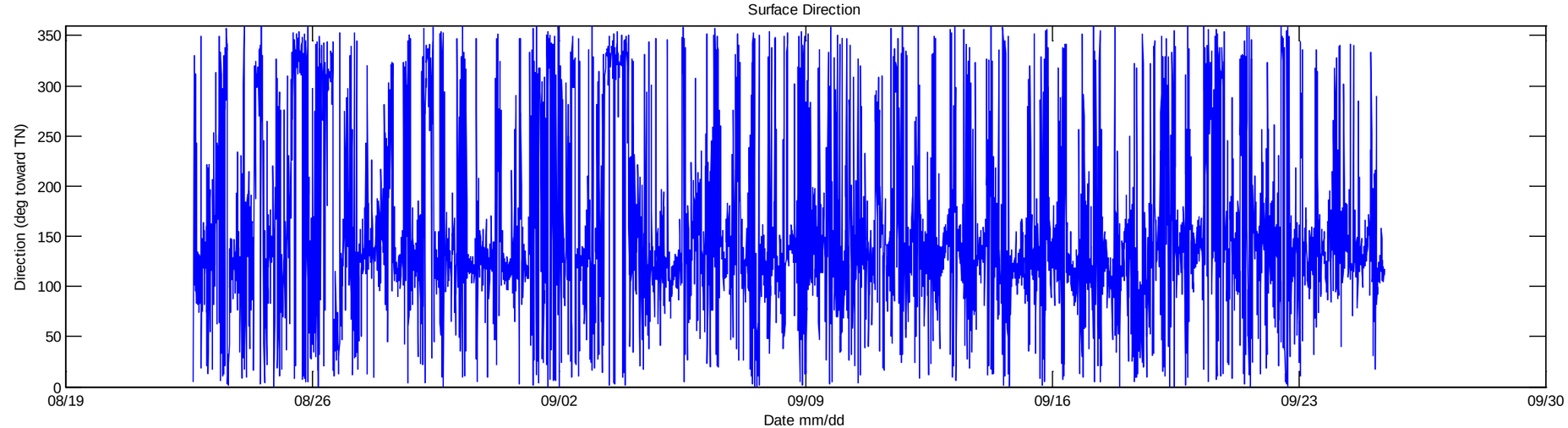






Notes:
1. The velocity directions for Station EK023CM during Deployment 6 are off by approximately 80 degrees clockwise from true north, compared to the other deployments at this station. It is believed this discrepancy is due to debris containing iron on the creek bed causing an offset in the magnetic compass. These data were provided here but are not considered reliable for use in future evaluations.





Notes:
1. The velocity directions for Station EK023CM during Deployment 6 are off by approximately 80 degrees clockwise from true north, compared to the other deployments at this station. It is believed this discrepancy is due to debris containing iron on the creek bed causing an offset in the magnetic compass. These data were provided here but are not considered reliable for use in future evaluations.

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Figure A1-208
Deployment 6, Station EK023CM – Surface Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
Newtown Creek RI/FS

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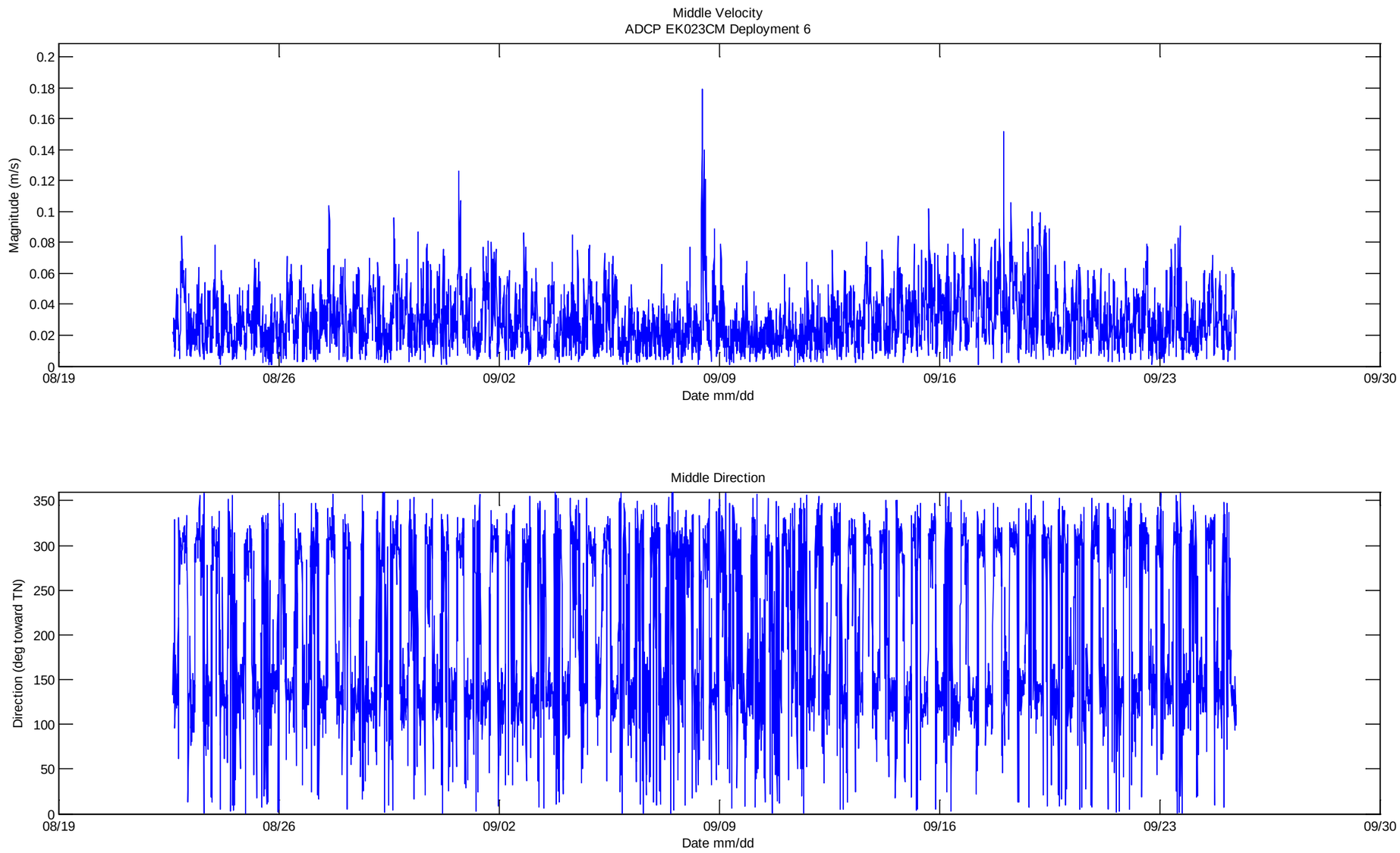

Notes:
1. The velocity directions for Station EK023CM during Deployment 6 are off by approximately 80 degrees clockwise from true north, compared to the other deployments at this station. It is believed this discrepancy is due to debris containing iron on the creek bed causing an offset in the magnetic compass. These data were provided here but are not considered reliable for use in future evaluations.

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Figure A1-209
Deployment 6, Station EK023CM – Middle Velocity and Direction
Phase 1 RI Data Summary Report – Submittal No. 1
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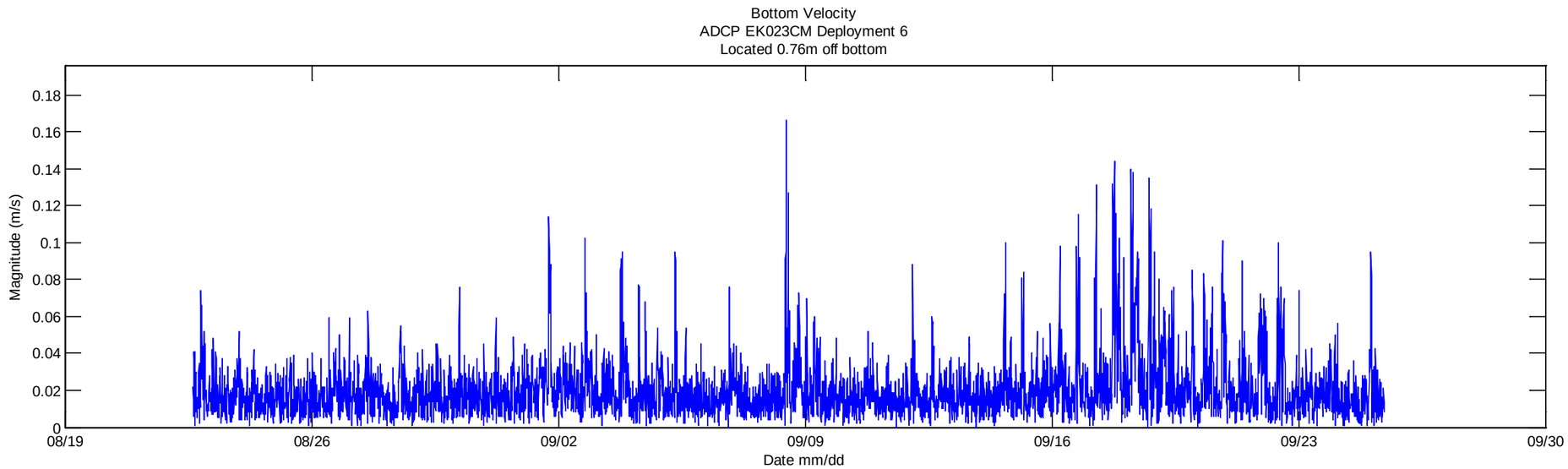

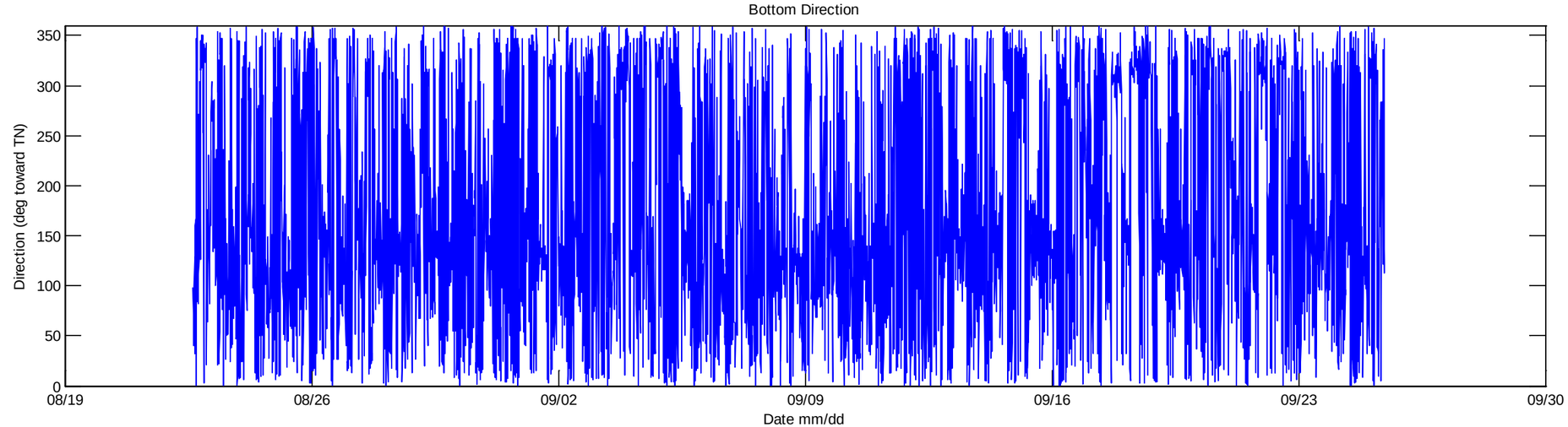

Notes:
1. The velocity directions for Station EK023CM during Deployment 6 are off by approximately 80 degrees clockwise from true north, compared to the other deployments at this station. It is believed this discrepancy is due to debris containing iron on the creek bed causing an offset in the magnetic compass. These data were provided here but are not considered reliable for use in future evaluations.

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Figure A1-210
Deployment 6, Station EK023CM – Bottom Velocity and Direction
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Newtown Creek RI/FS