

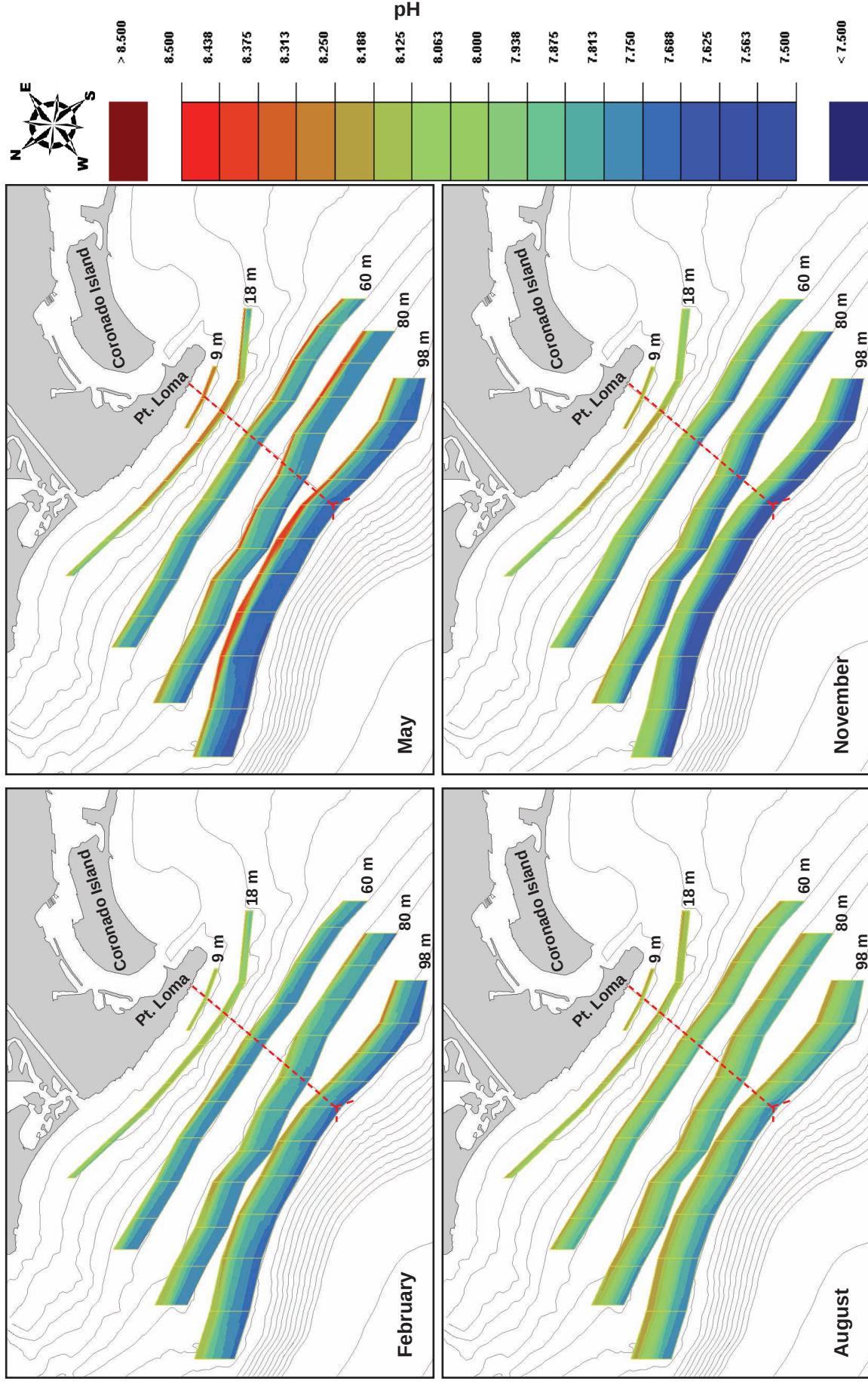
Appendix A
Supporting Data
2011 PLOO Stations
Oceanographic Conditions

Appendix A.1

Summary of temperature, salinity, transmissivity, dissolved oxygen, pH, and chlorophyll a for surface (1–2 m) and bottom (within 2 m of bottom) waters in the PLOO region during 2011. Values are expressed as means for each survey pooled over all stations along each depth contour.

Depth	Contour	Feb	May	Aug	Nov	Depth	Contour	Feb	May	Aug	Nov
Temperature (°C)						pH					
9-m	Surface	14.3	15.8	18.5	15.1	9-m	Surface	8.2	8.3	8.2	8.2
	Bottom	13.6	13.5	15.7	14.7		Bottom	8.1	8.2	8.1	8.1
18-m	Surface	14.0	15.1	18.2	15.2	18-m	Surface	8.1	8.3	8.2	8.1
	Bottom	12.3	11.5	13.1	12.9		Bottom	8.0	8.0	8.1	8.0
60-m	Surface	14.0	15.1	19.0	15.6	60-m	Surface	8.2	8.3	8.2	8.1
	Bottom	10.3	9.8	10.5	10.9		Bottom	7.8	7.8	7.9	7.7
80-m	Surface	14.3	15.7	19.4	16.6	80-m	Surface	8.2	8.3	8.2	8.2
	Bottom	10.0	9.8	10.2	10.8		Bottom	7.8	7.8	7.8	7.7
98-m	Surface	14.3	16.3	19.6	17.1	98-m	Surface	8.2	8.3	8.2	8.1
	Bottom	9.7	9.9	9.9	10.6		Bottom	7.7	7.7	7.8	7.6
Salinity (psu)						Transmissivity (%)					
9-m	Surface	33.37	33.57	33.44	33.30	9-m	Surface	78	75	80	69
	Bottom	33.36	33.57	33.42	33.32		Bottom	74	79	81	70
18-m	Surface	33.34	33.54	33.44	33.32	18-m	Surface	79	70	82	75
	Bottom	33.39	33.59	33.36	33.36		Bottom	78	80	85	80
60-m	Surface	33.32	33.52	33.49	33.34	60-m	Surface	74	72	85	79
	Bottom	33.62	33.72	33.57	33.68		Bottom	86	84	81	83
80-m	Surface	33.33	33.50	33.52	33.34	80-m	Surface	81	77	87	85
	Bottom	33.75	33.86	33.64	33.81		Bottom	87	87	84	86
98-m	Surface	33.34	33.49	33.53	33.38	98-m	Surface	81	82	88	87
	Bottom	33.92	33.95	33.80	33.88		Bottom	89	88	88	88
Dissolved Oxygen (mg/L)						Chlorophyll a (µg/L)					
9-m	Surface	8.4	10.8	9.1	9.5	9-m	Surface	1.9	8.7	5.1	17.4
	Bottom	7.8	9.7	8.6	8.8		Bottom	3.7	12.3	5.8	23.5
18-m	Surface	8.6	10.5	9.2	8.7	18-m	Surface	9.0	16.6	5.7	17.1
	Bottom	6.7	7.0	8.0	6.9		Bottom	7.5	16.8	6.6	13.6
60-m	Surface	9.2	9.8	8.4	8.4	60-m	Surface	12.4	11.0	3.4	11.3
	Bottom	4.5	4.1	4.9	3.4		Bottom	0.8	2.1	1.5	0.9
80-m	Surface	9.0	10.9	7.6	8.2	80-m	Surface	5.4	8.7	2.3	3.2
	Bottom	4.2	3.5	4.4	2.8		Bottom	0.6	1.2	0.8	0.6
98-m	Surface	9.3	10.7	7.7	8.1	98-m	Surface	4.8	5.5	1.5	2.0
	Bottom	3.6	3.0	3.9	2.7		Bottom	0.4	0.9	0.7	0.4

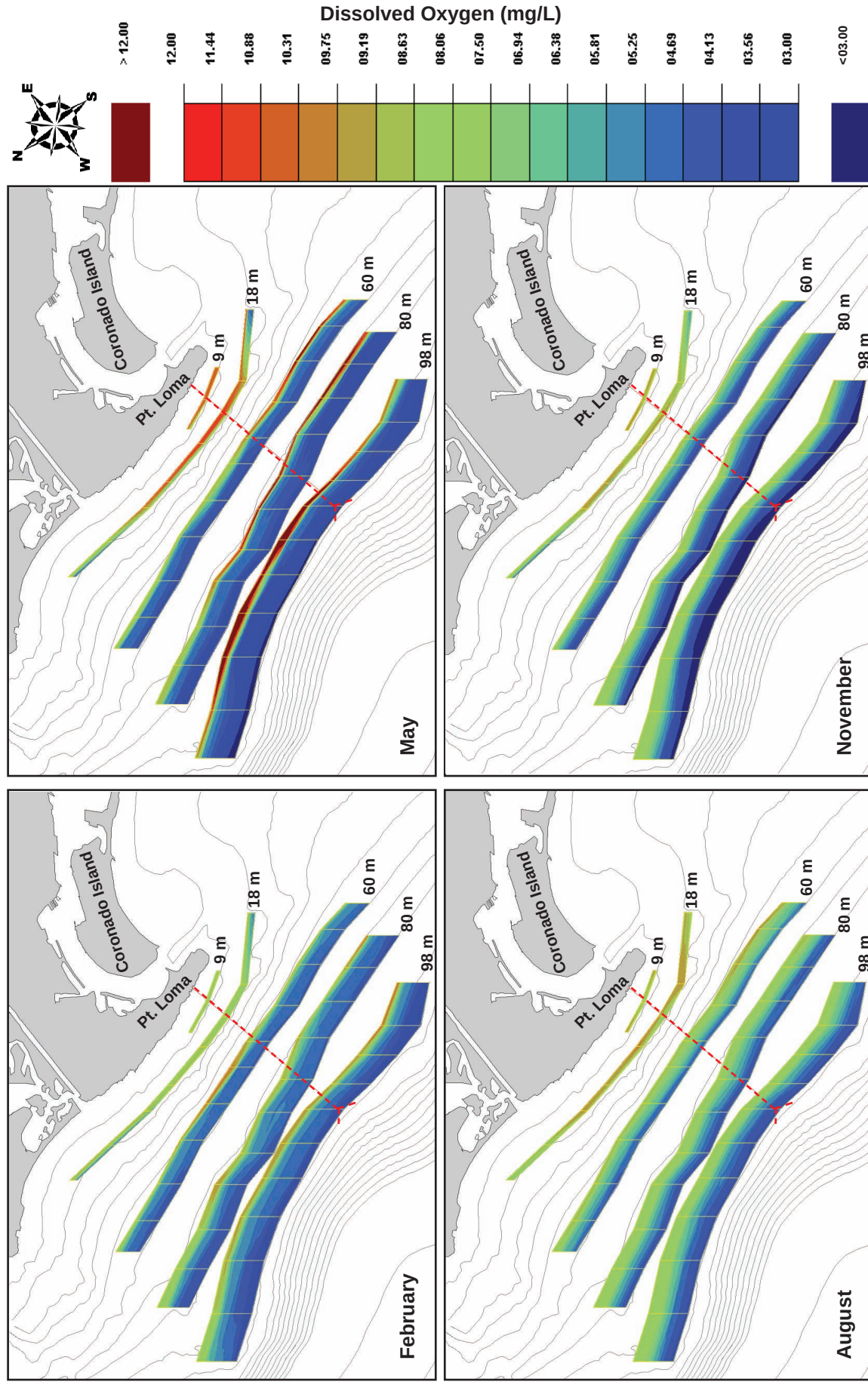
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Appendix A.2

Measurements of pH recorded in 2011 for the PLOO region. Data are collected over four consecutive days during each quarterly survey. See Table 2.1 and text for specific dates and stations sampled each day.

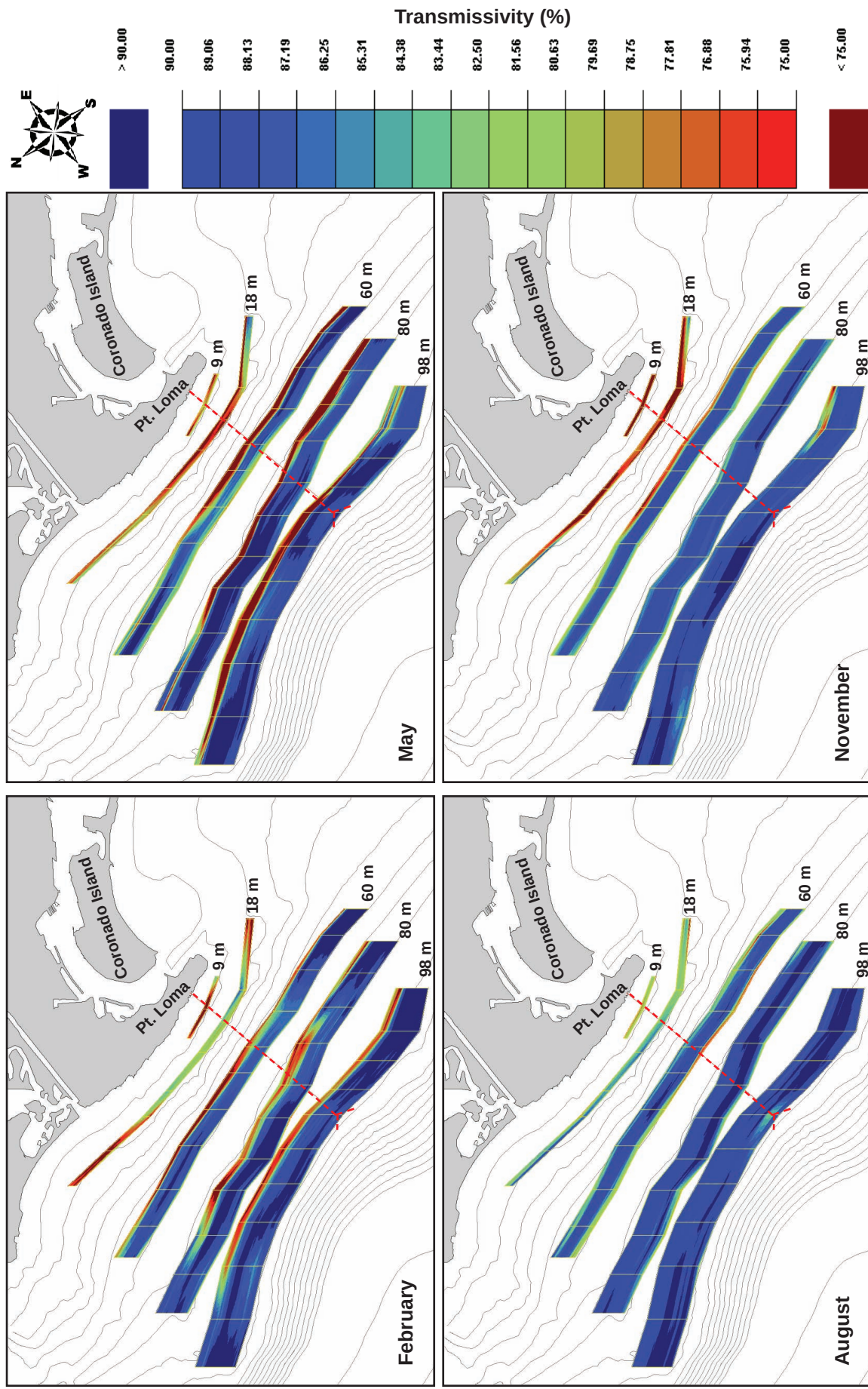
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Appendix A.3

Dissolved oxygen recorded in 2011 for the PLOO region. Data are collected over four consecutive days during each quarterly survey. See Table 2.1 and text for specific dates and stations sampled each day.

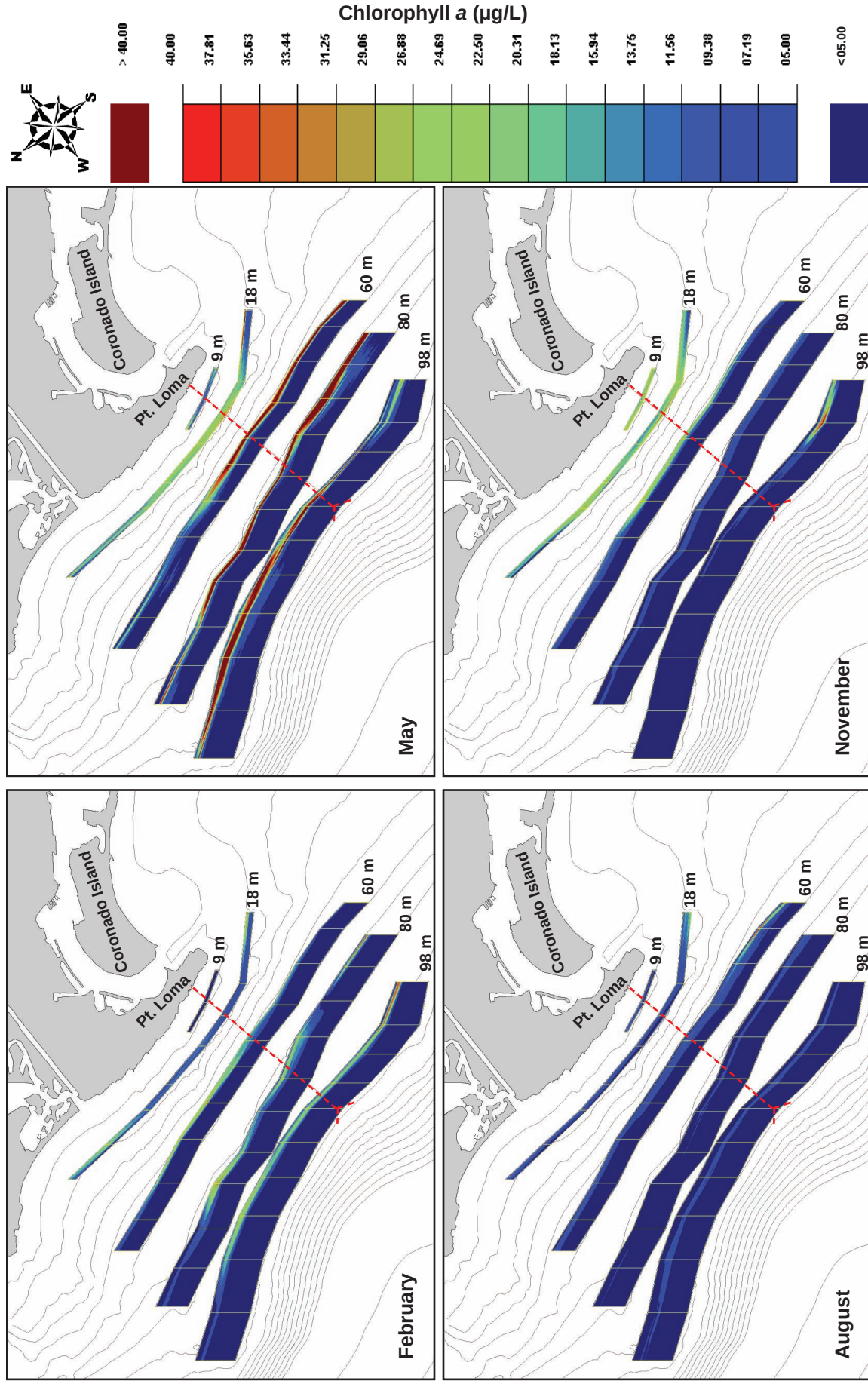
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Appendix A.4

Transmissivity recorded in 2011 for the PLOO region. Data are collected over four consecutive days during each quarterly survey. See Table 2.1 and text for specific dates and stations sampled each day.

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Appendix A.5

Chlorophyll a fluorescence recorded in 2011 for the PLOO region. Data are collected over four consecutive days during each quarterly survey. See Table 2.1 and text for specific dates and stations sampled each day.

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