APPENDIX C STAGE AND SALINITY RESULTS FOR ALT7R5E SEA LEVEL RISE RUNS

This appendix presents the groundwater stage and surface water salinity results from the TIME v2.0 Alt7r5e alternative. The plots for stations are ordered by subbasin, and the location of the subbasins and stations are shown in the first figure.

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G620 . . . . . C–6
NE1 . . . . . C–7
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P36 . . . . . C–9
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LO C–20
WW C–20
BD C–21
BR C–21
HR C–22
CN C–22
TE C–23
GI C–23
SR C–24
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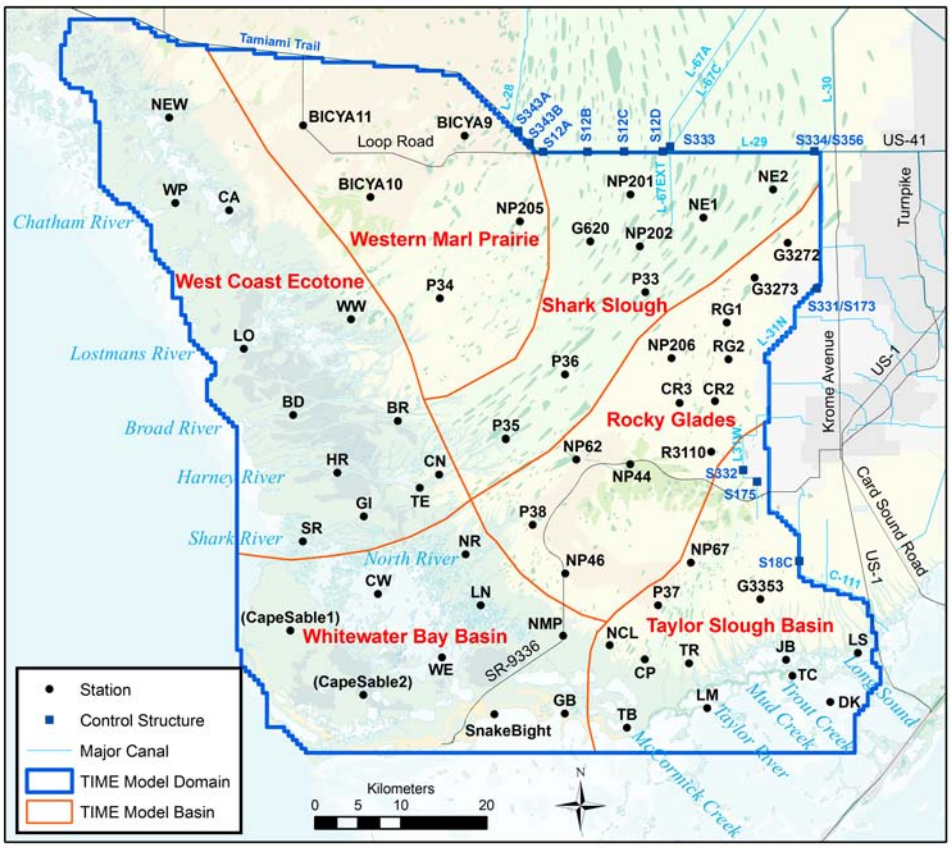
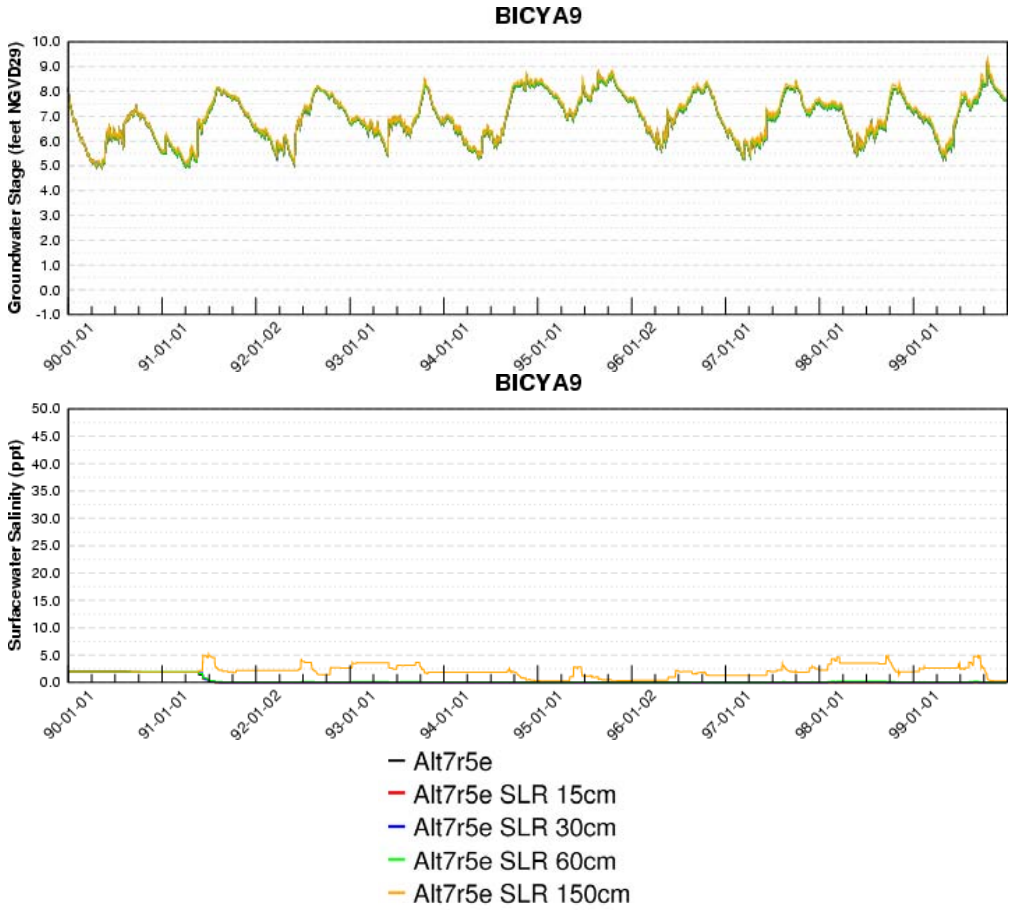
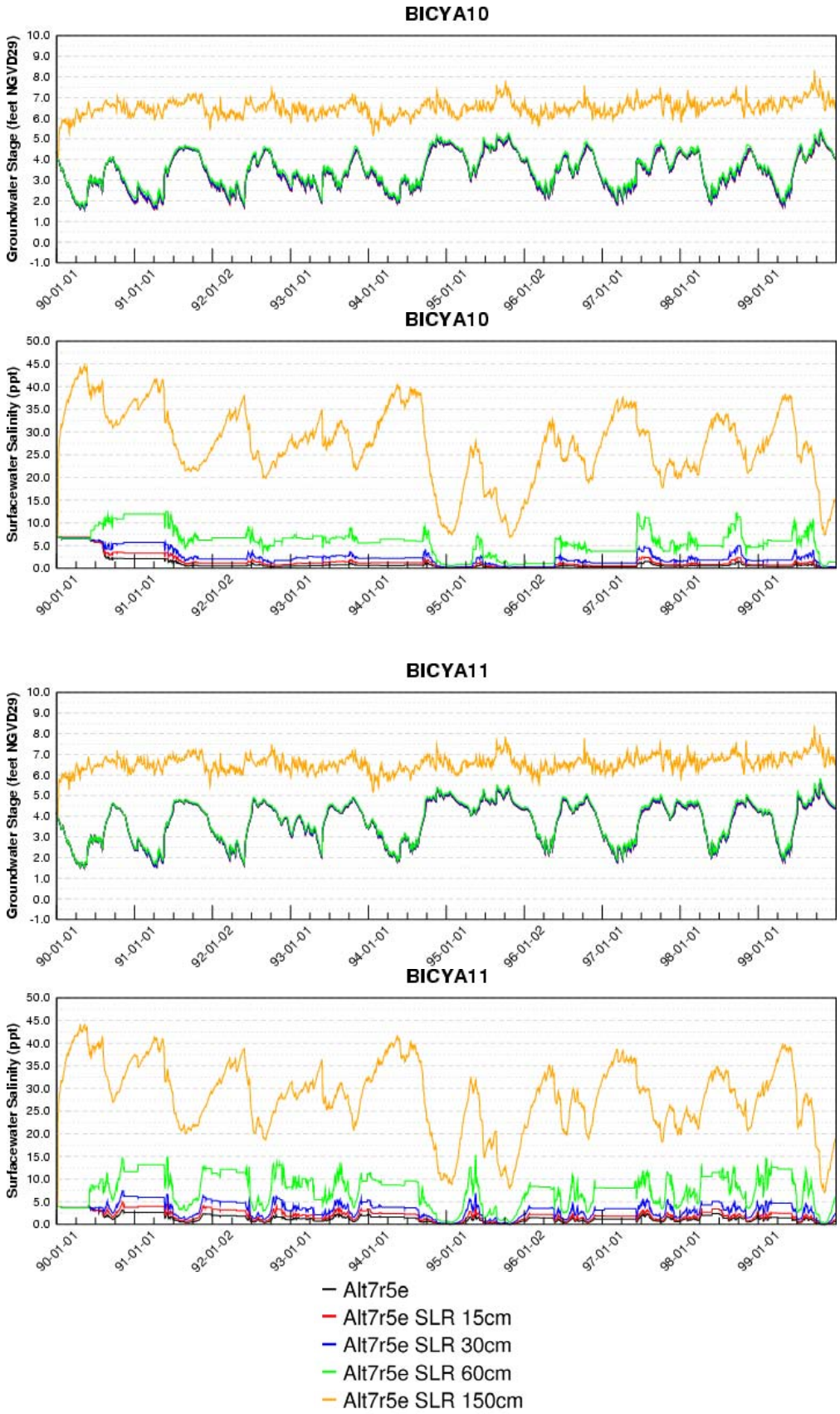
NCL C–32
CP C–32
TR C–33
TB C–33
LM C–34
JB C–34
TC C–35
DK C–35
LS C–36

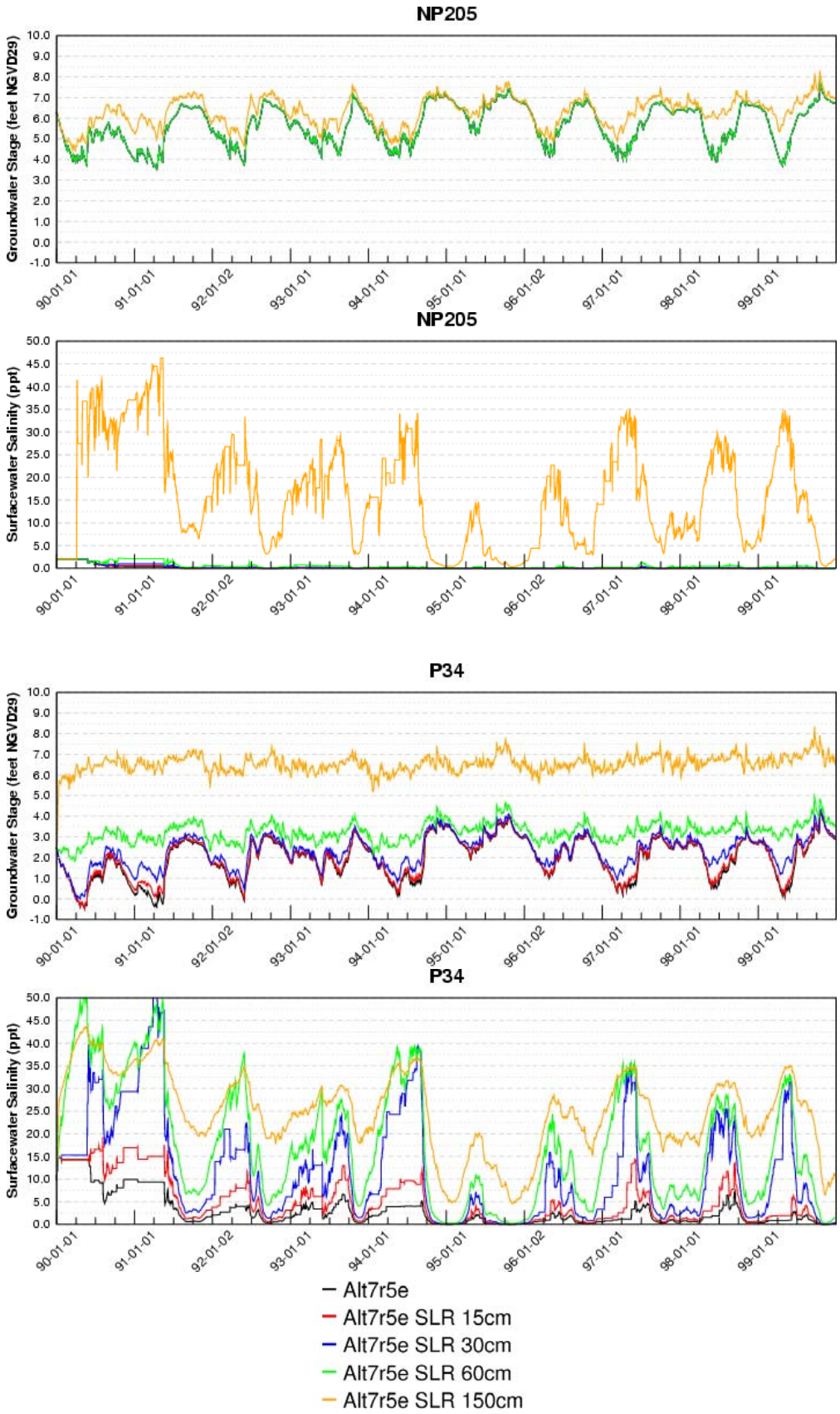


Station location map

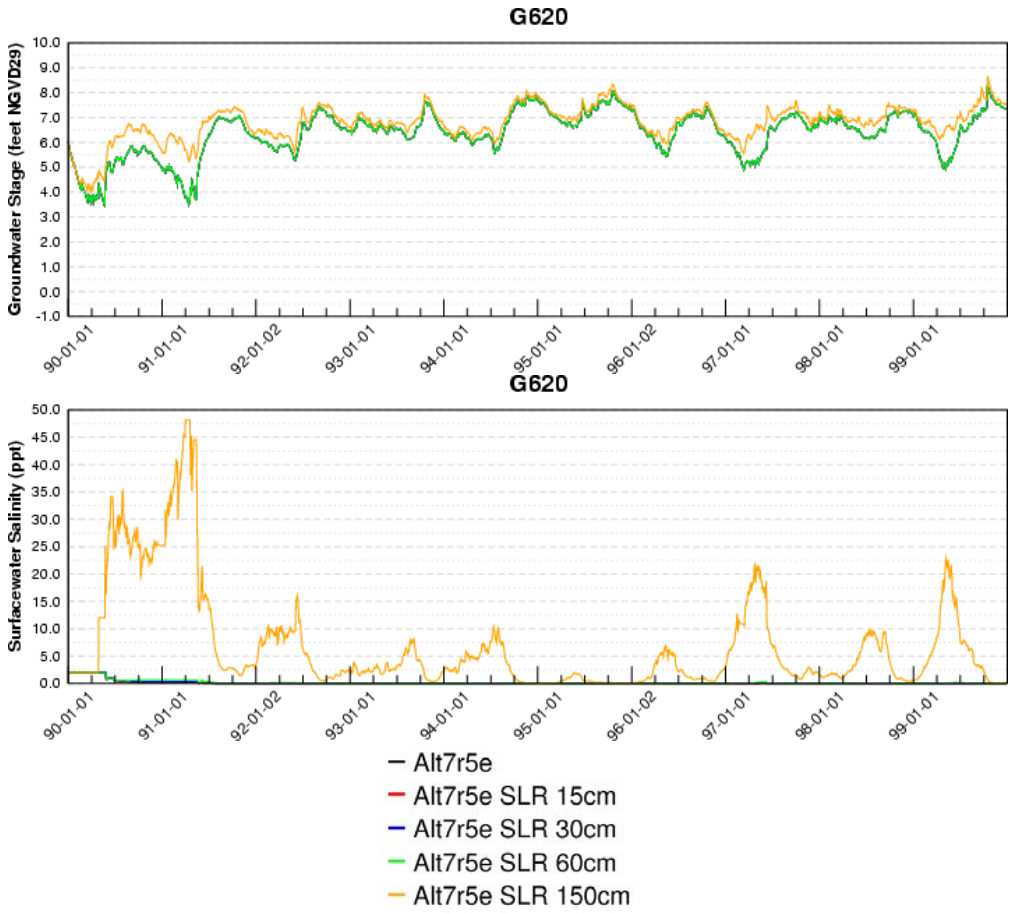
APPENDIX C.1 Western Marl Prairie

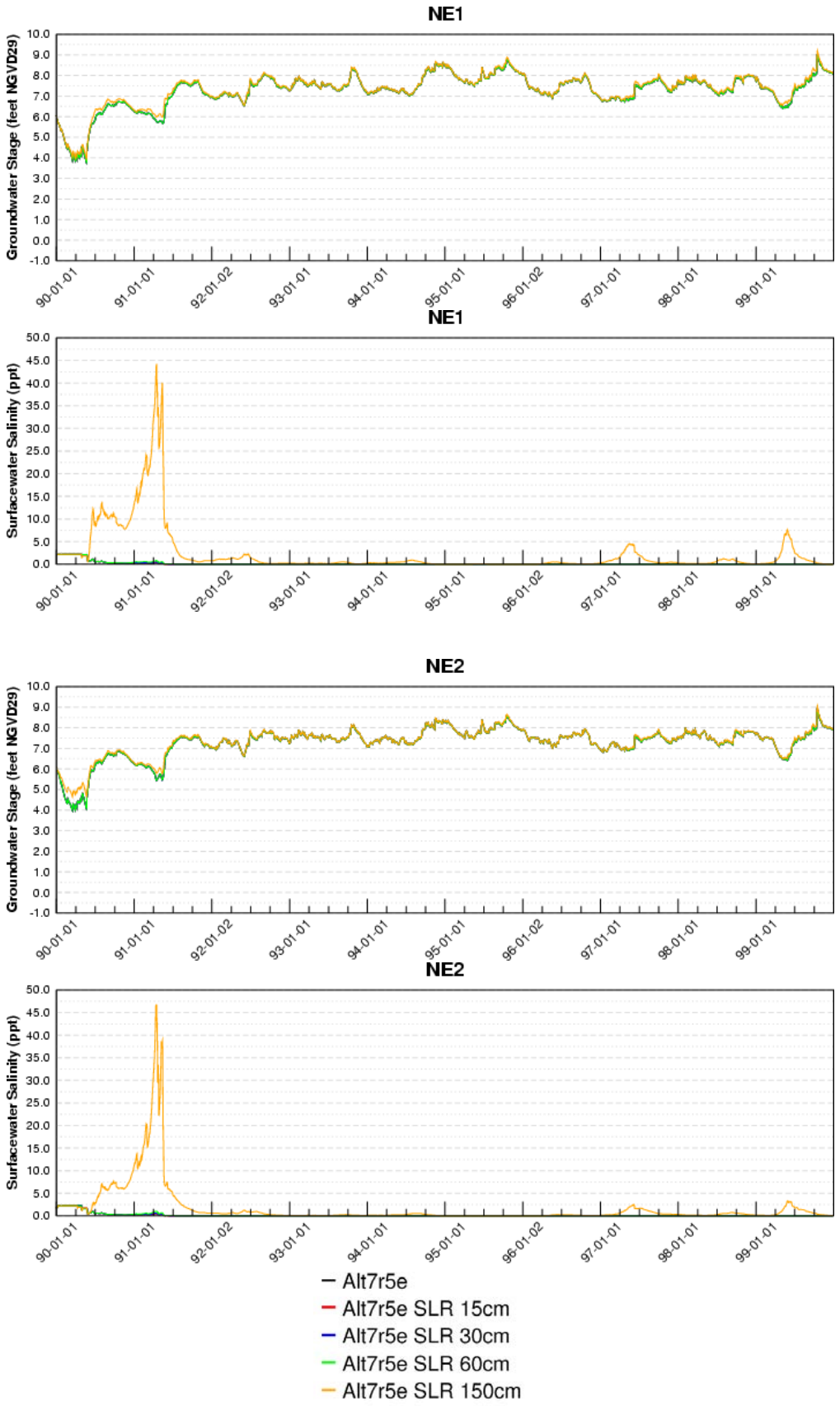


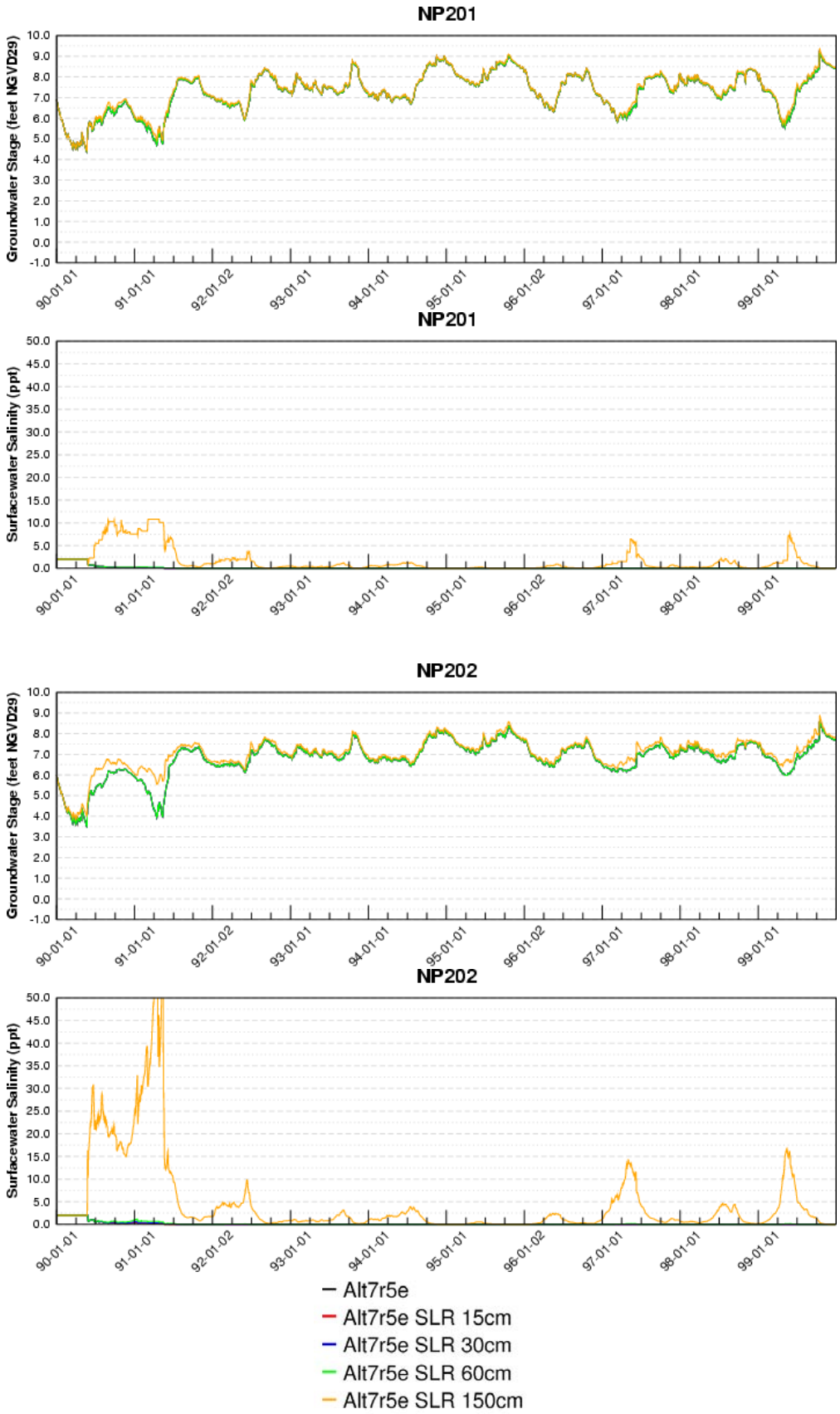

BICYA10
Groundwater Stage (feet NGVD29)
BICYA10
Surfacewater Salinity (ppt)
BICYA11
Groundwater Stage (feet NGVD29)
BICYA11
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

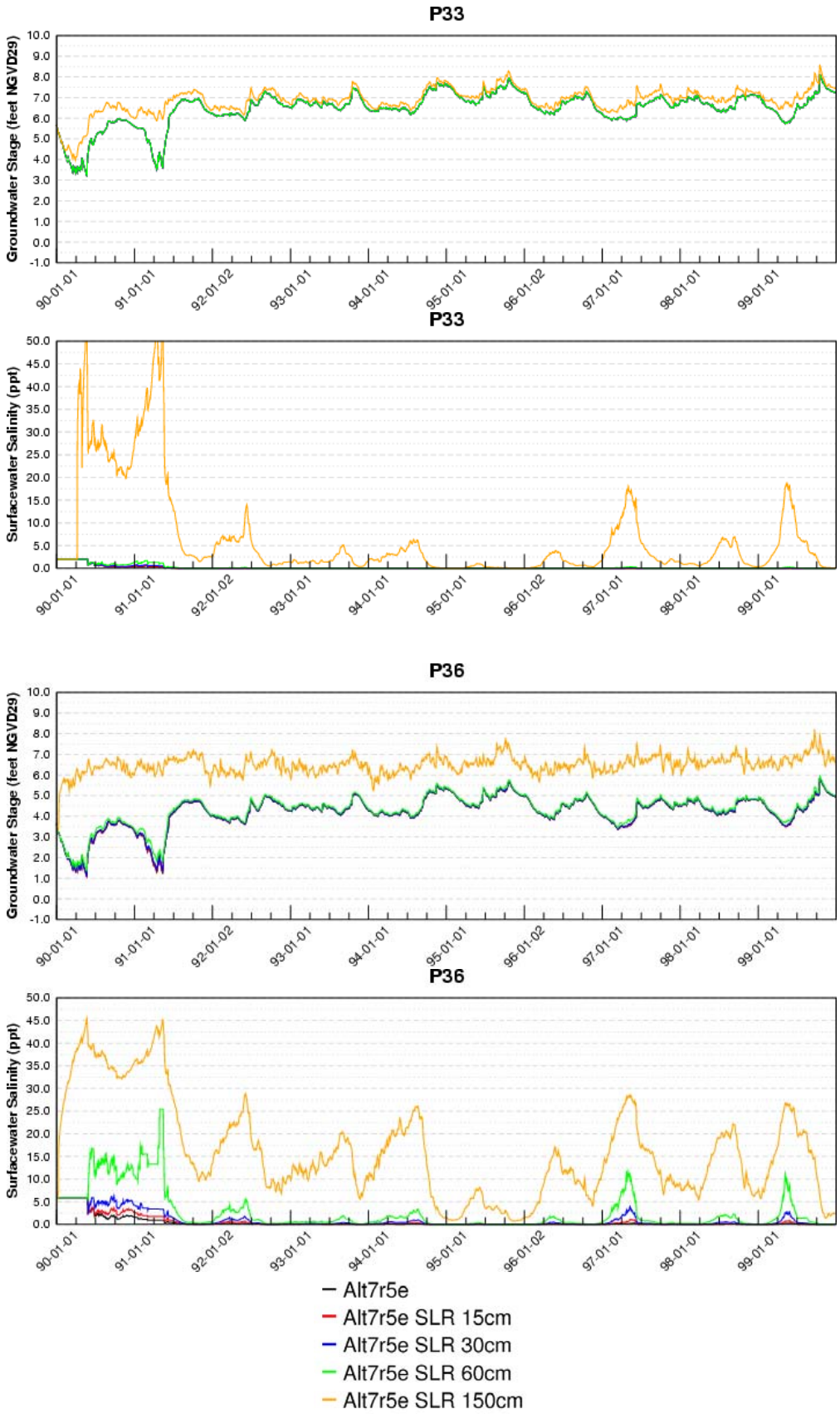

NP205
Groundwater Stage (feet NGVD29)
NP205
Surfacewater Salinity (ppt)
P34
Groundwater Stage (feet NGVD29)
P34
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

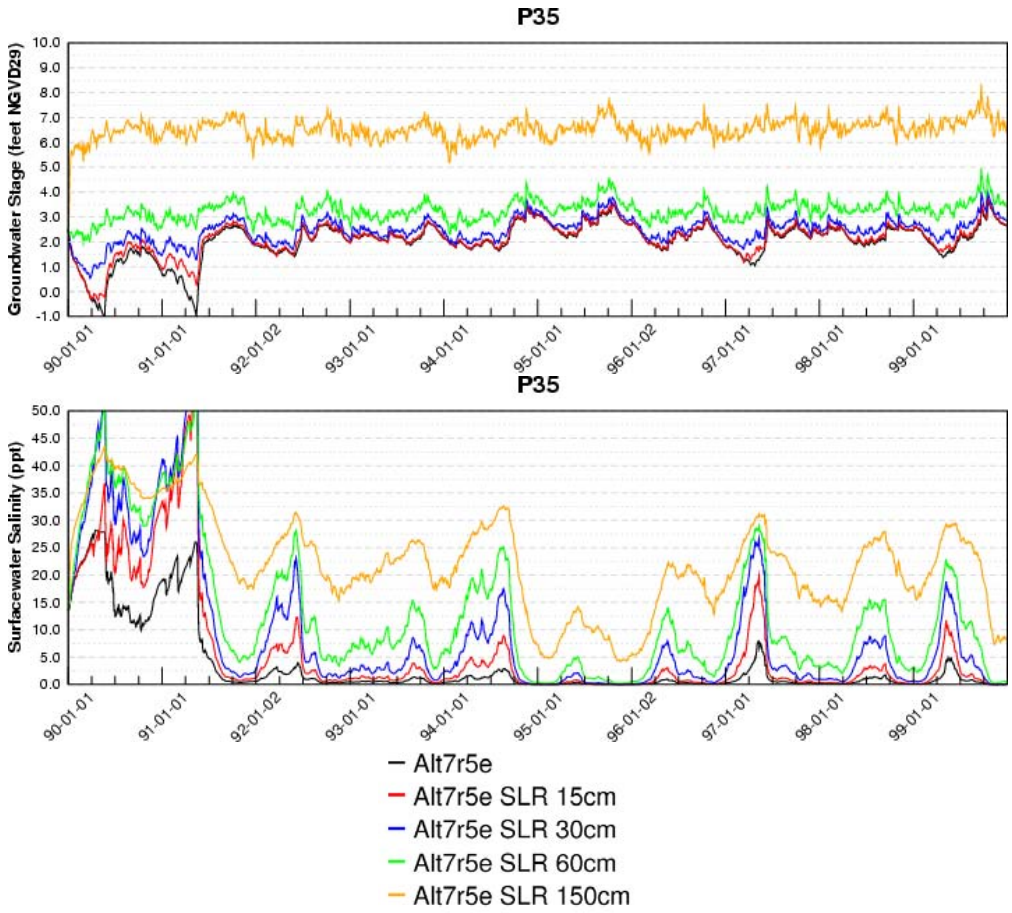
APPENDIX C.2 Shark Slough



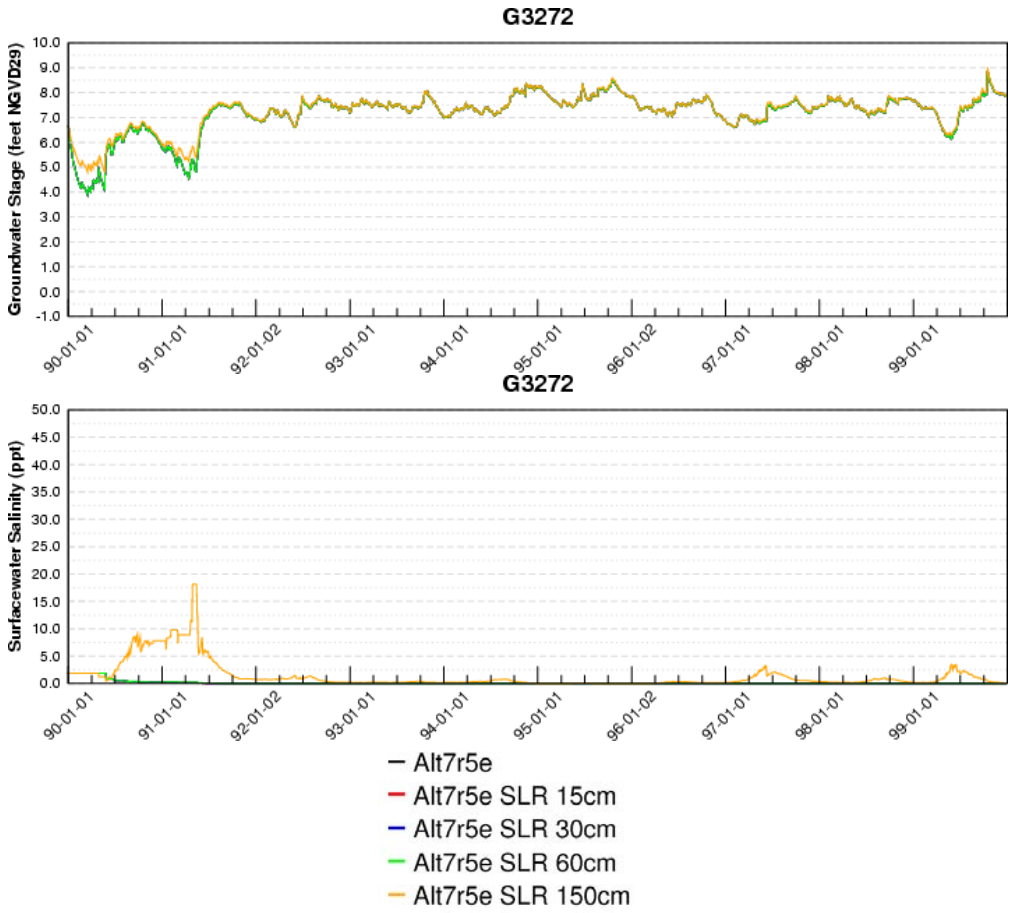

NE1
Groundwater Stage (feet NGVD29)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
NE1
Surfacewater Salinity (ppt)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
NE2
Groundwater Stage (feet NGVD29)
NE2
Surfacewater Salinity (ppt)
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

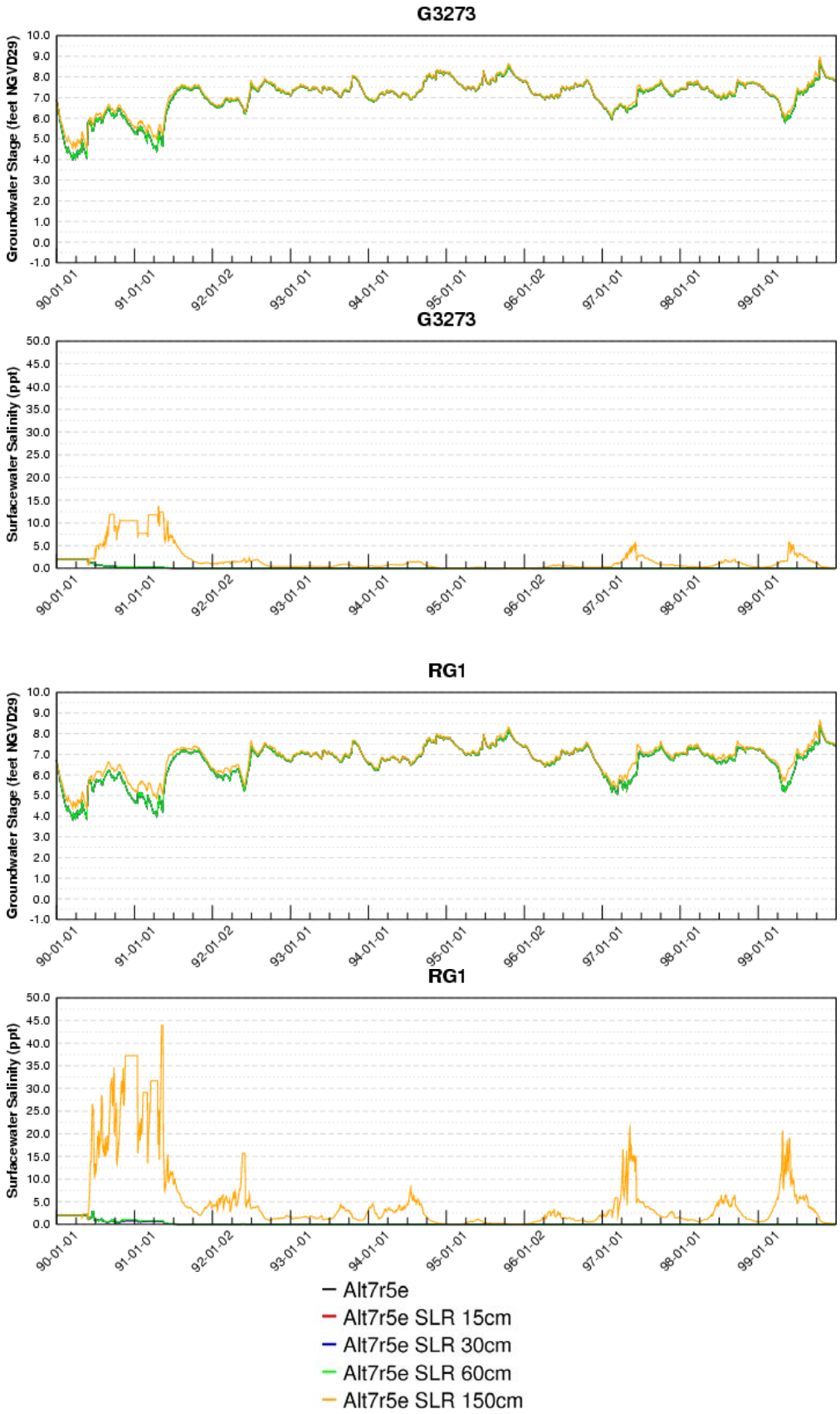

NP201
Groundwater Stage (feet NGVD29)
NP201
Surfacewater Salinity (ppt)
NP202
Groundwater Stage (feet NGVD29)
NP202
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

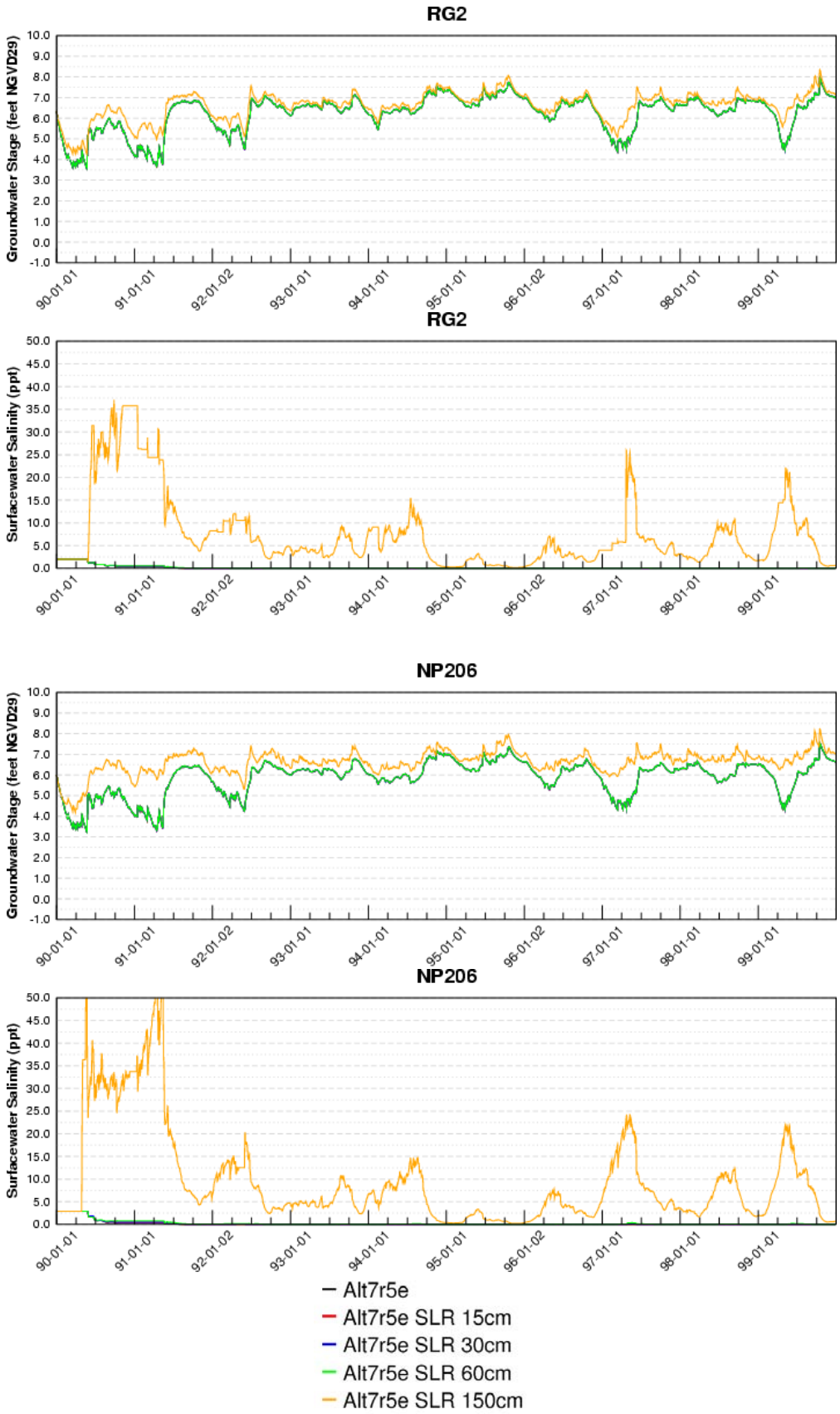

P33
Groundwater Stage (feet NGVD29)
P33
Surfacewater Salinity (ppt)
P36
Groundwater Stage (feet NGVD29)
P36
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

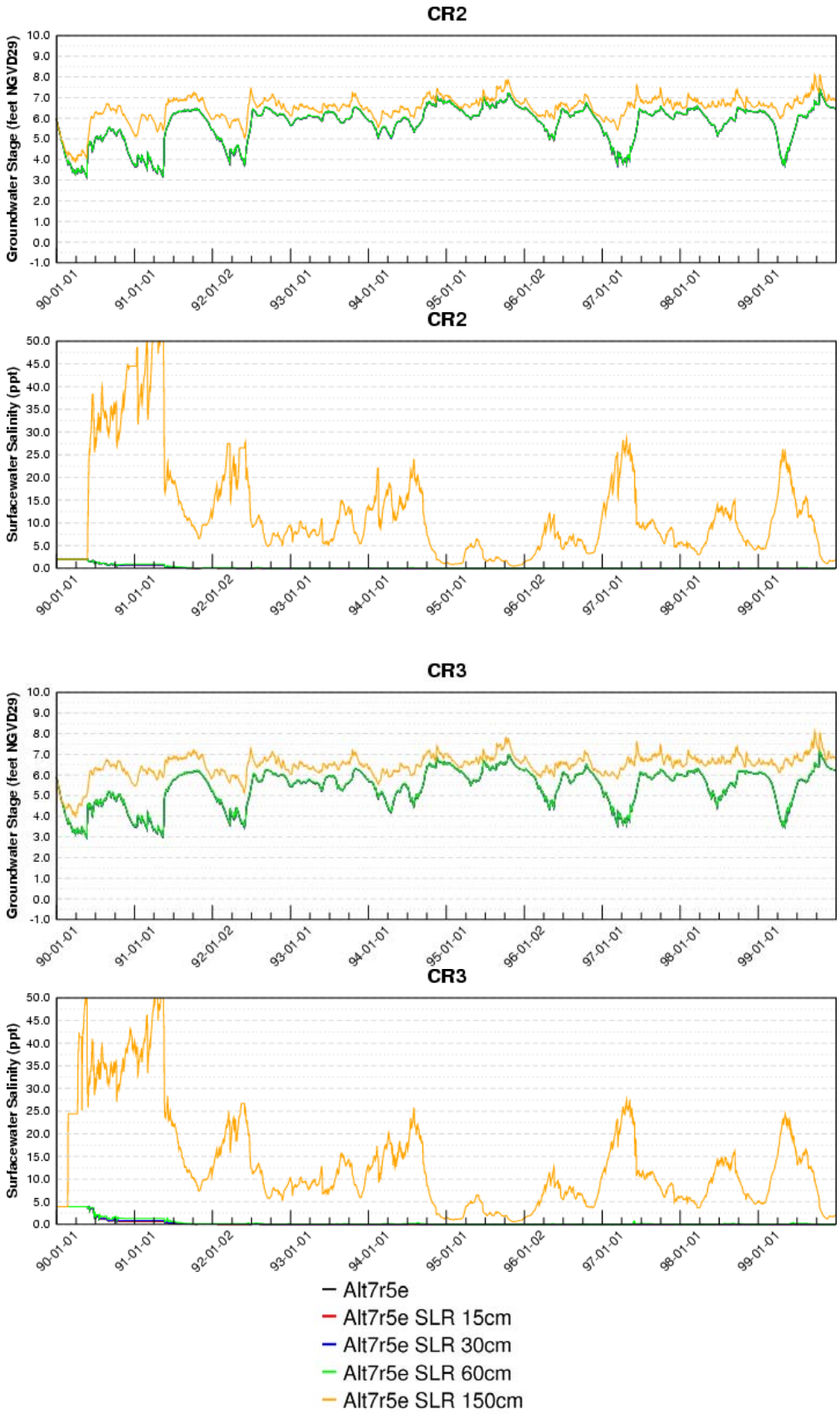

P35
Groundwater Stage (feet NGVD29)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
P35
Surfacewater Salinity (ppt)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

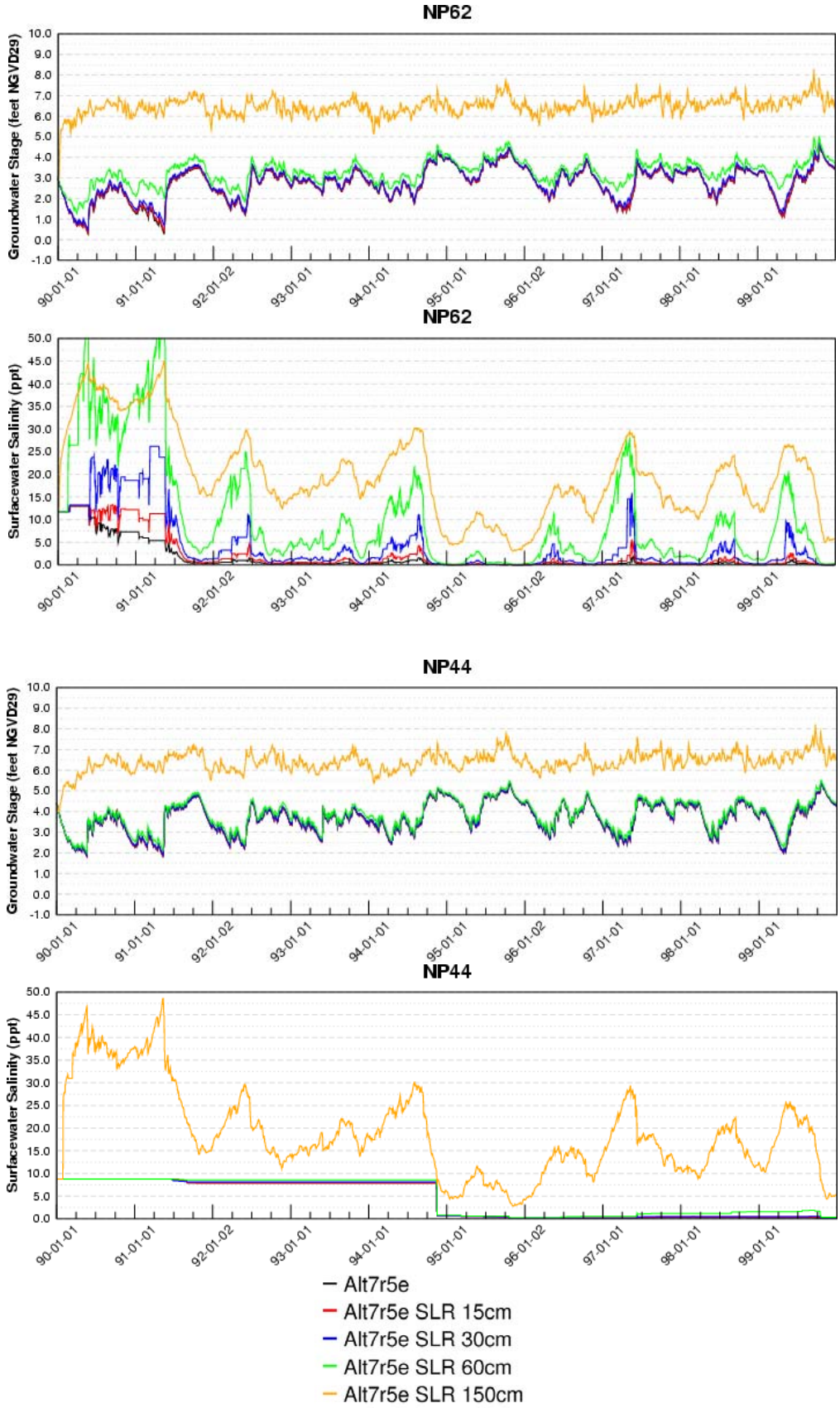
APPENDIX C.3 Rocky Glades

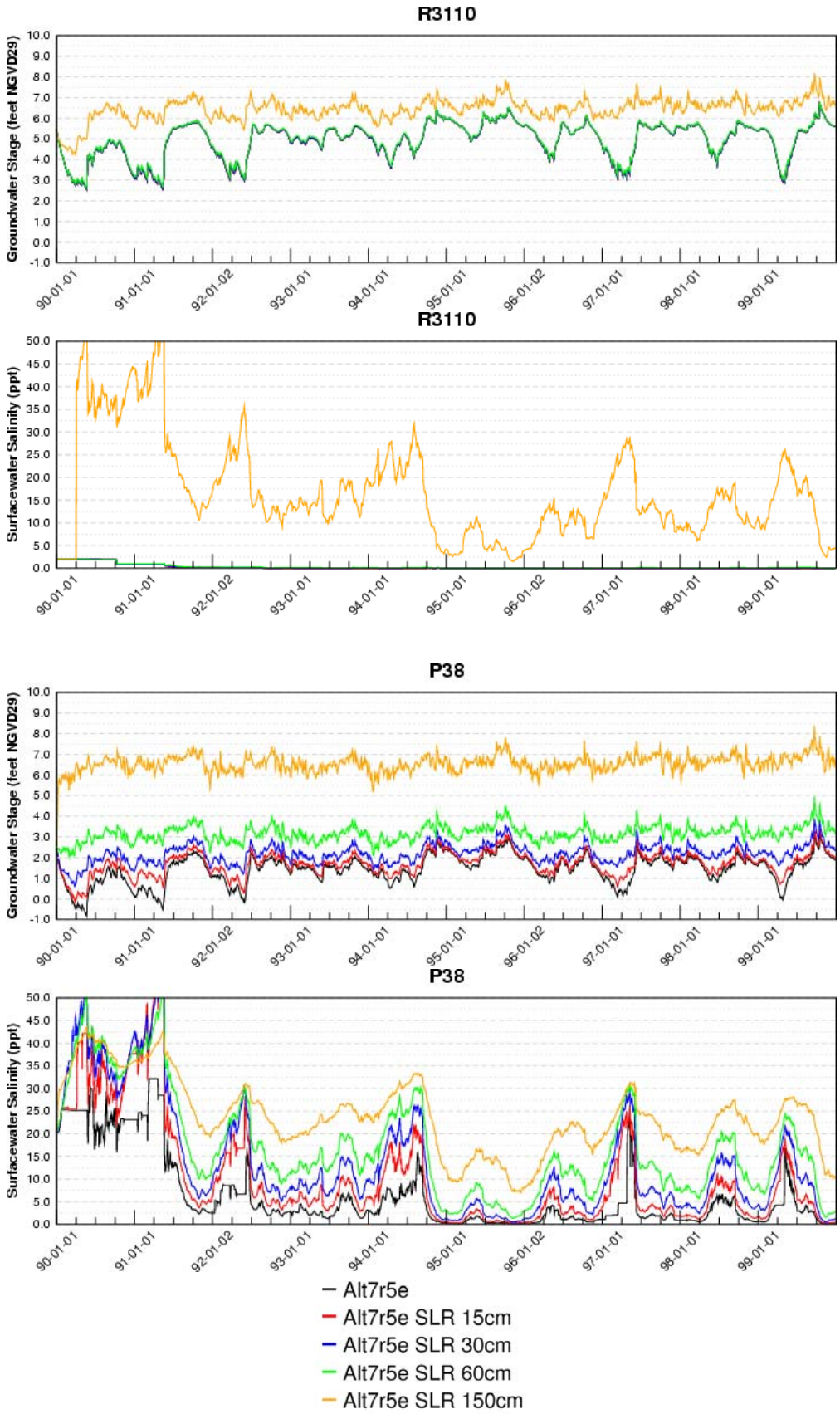


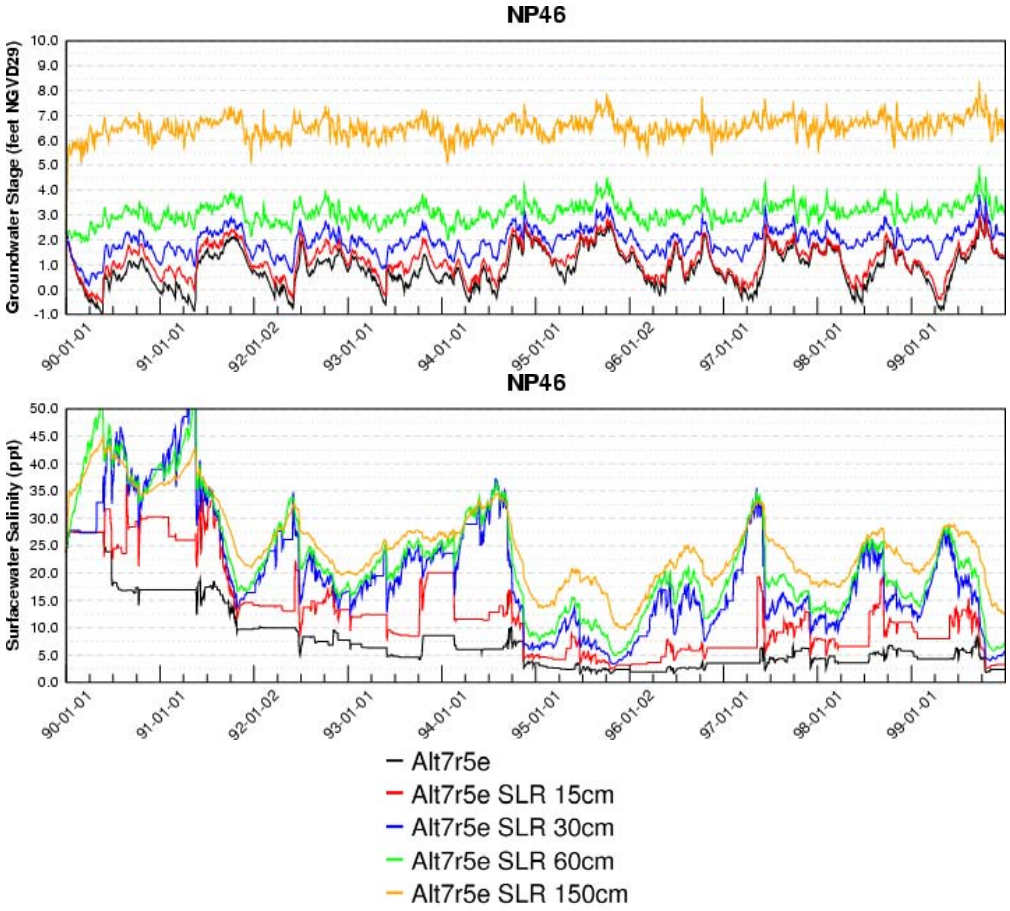

G3273
Groundwater Stage (feet NGVD29)
G3273
Surfacewater Salinity (ppt)
RG1
Groundwater Stage (feet NGVD29)
RG1
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm


RG2
Groundwater Stage (feet NGVD29)
RG2
Surfacewater Salinity (ppt)
NP206
Groundwater Stage (feet NGVD29)
NP206
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

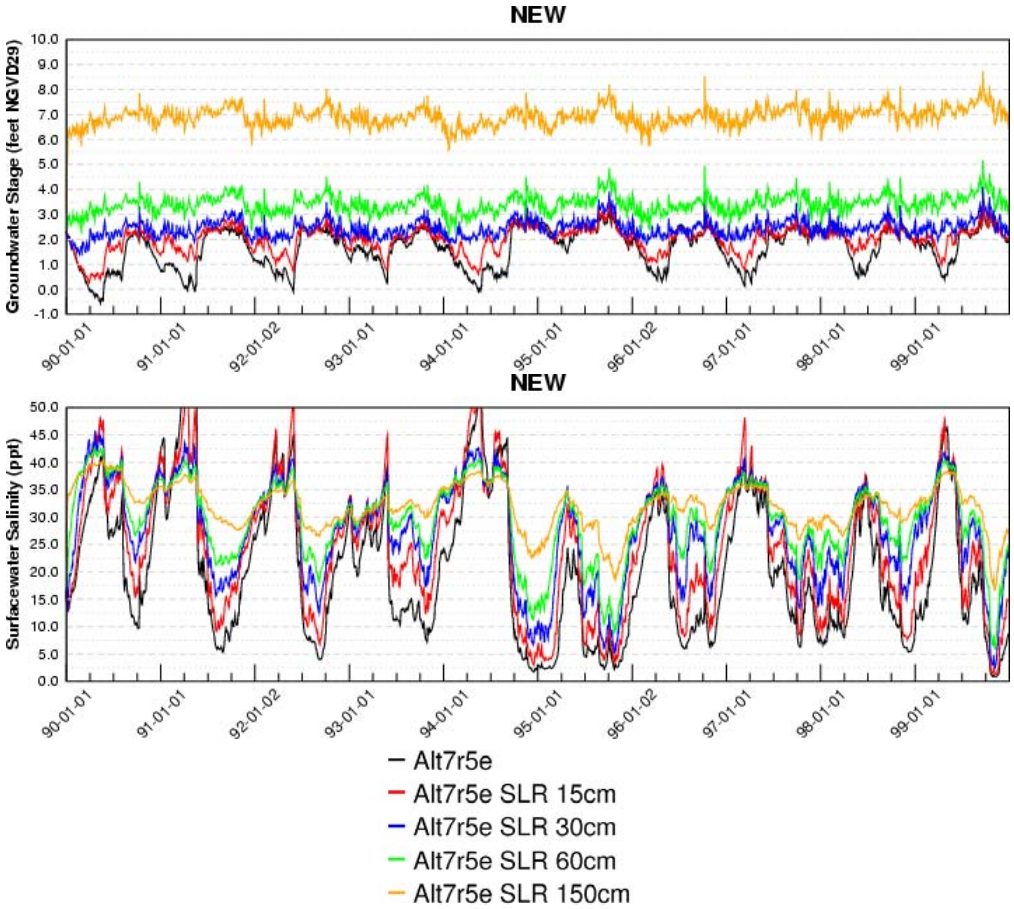

CR2
Groundwater Stage (feet NGVD29)
CR2
Surfacewater Salinity (ppt)
CR3
Groundwater Stage (feet NGVD29)
CR3
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

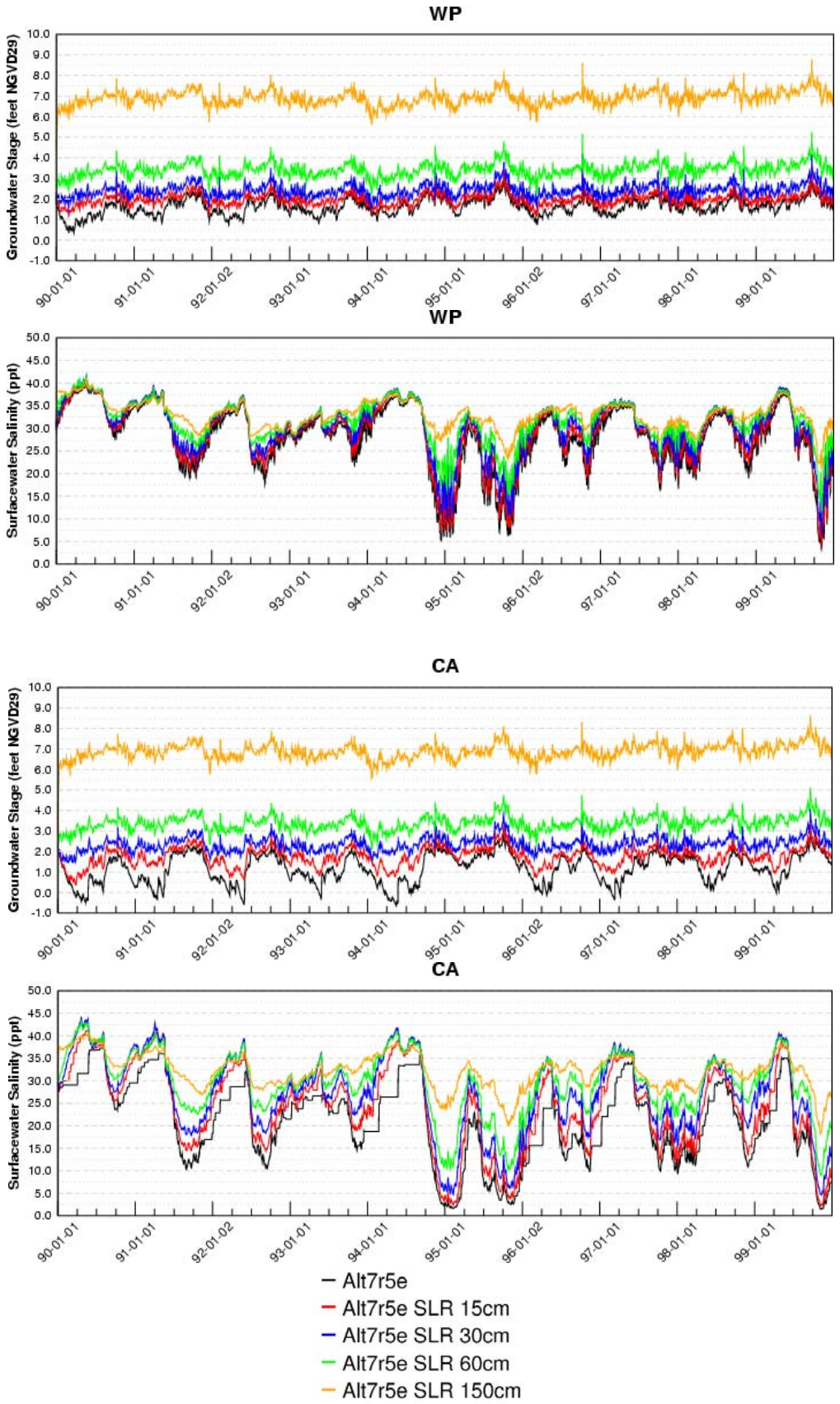

NP62
Groundwater Stage (feet NGVD29)
NP62
Surfacewater Salinity (ppt)
NP44
Groundwater Stage (feet NGVD29)
NP44
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

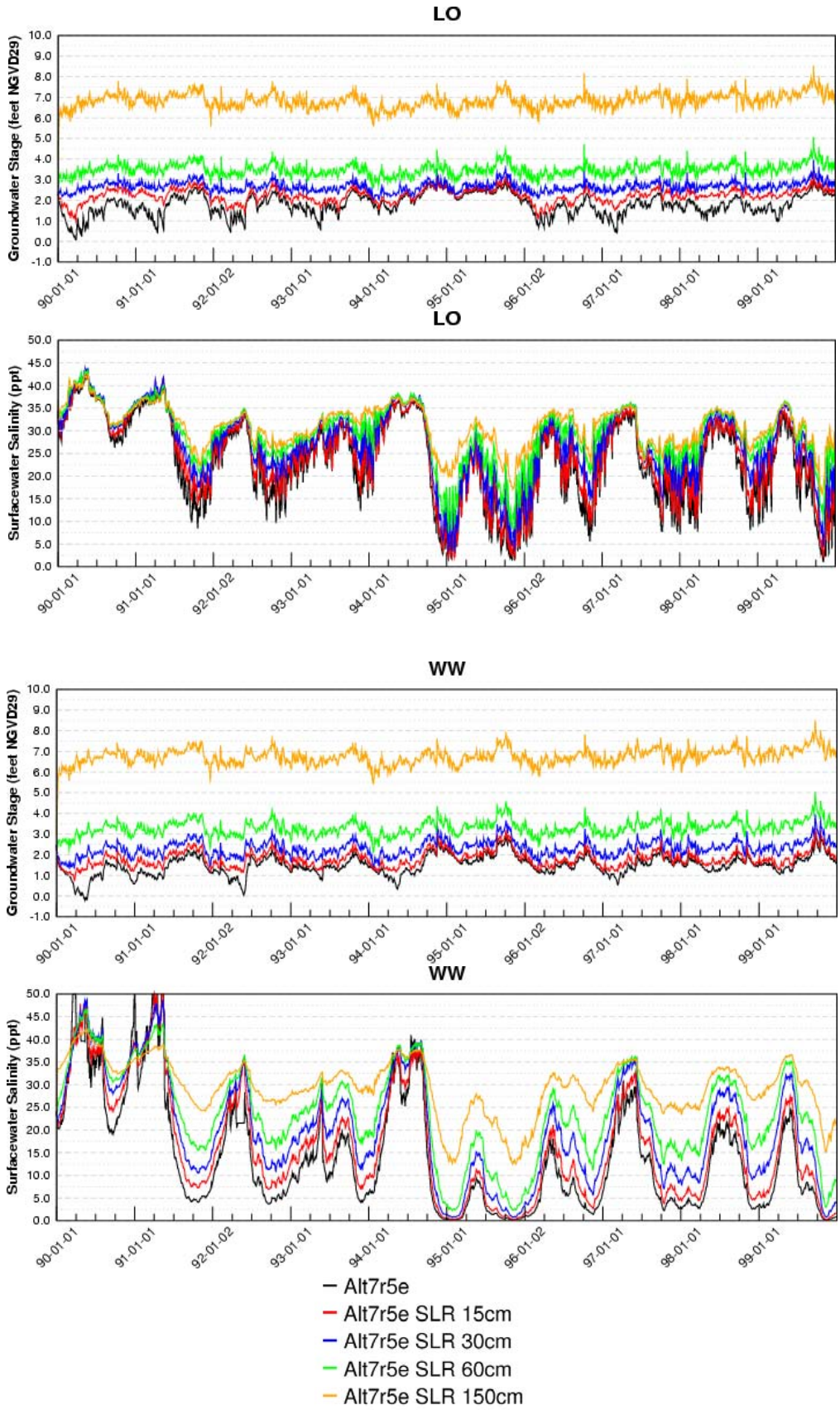

R3110
Groundwater Stage (feet NGVD29)
R3110
Surfacewater Salinity (ppt)
P38
Groundwater Stage (feet NGVD29)
P38
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

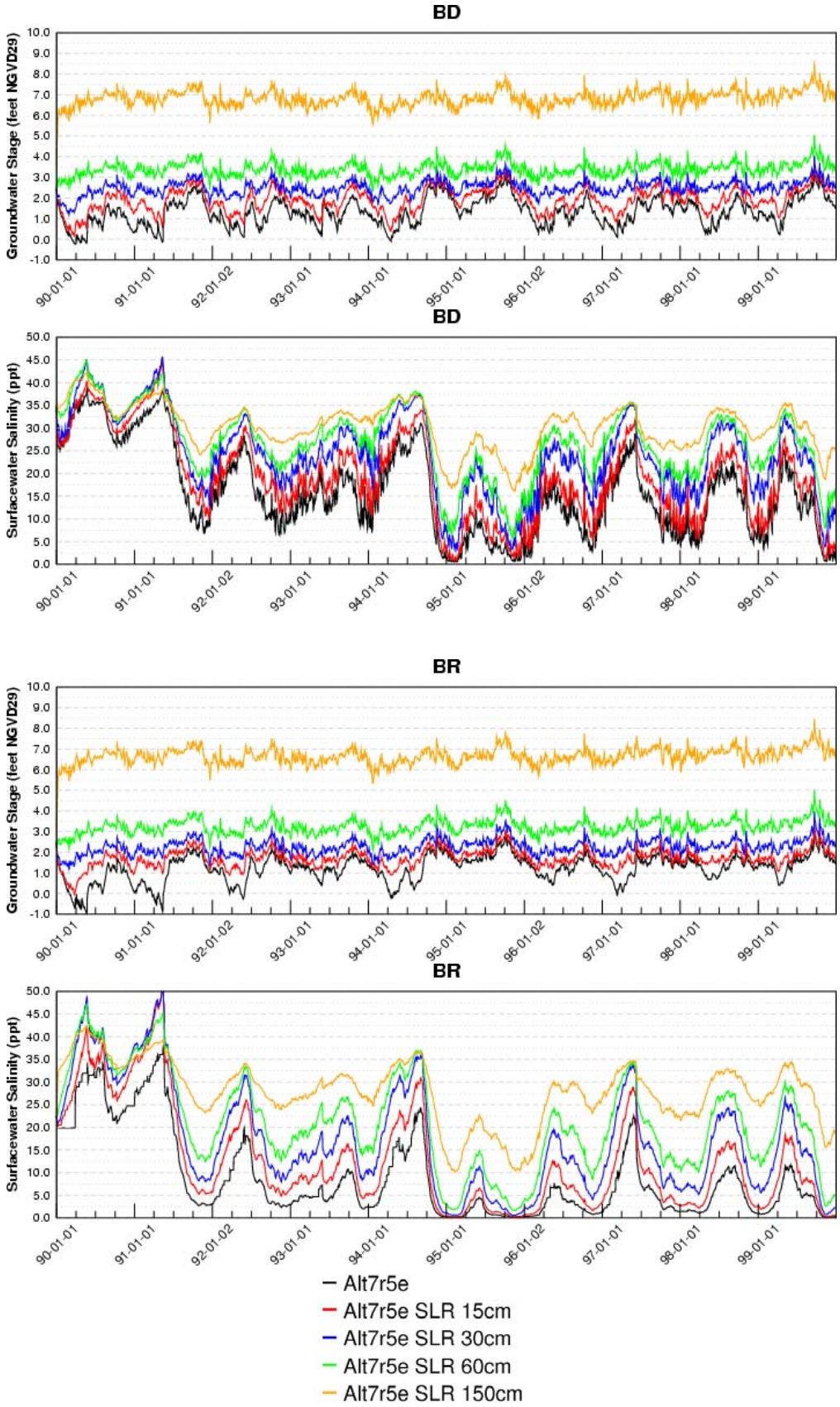

NP46
Groundwater Stage (feet NGVD29)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
NP46
Surfacewater Salinity (ppt)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

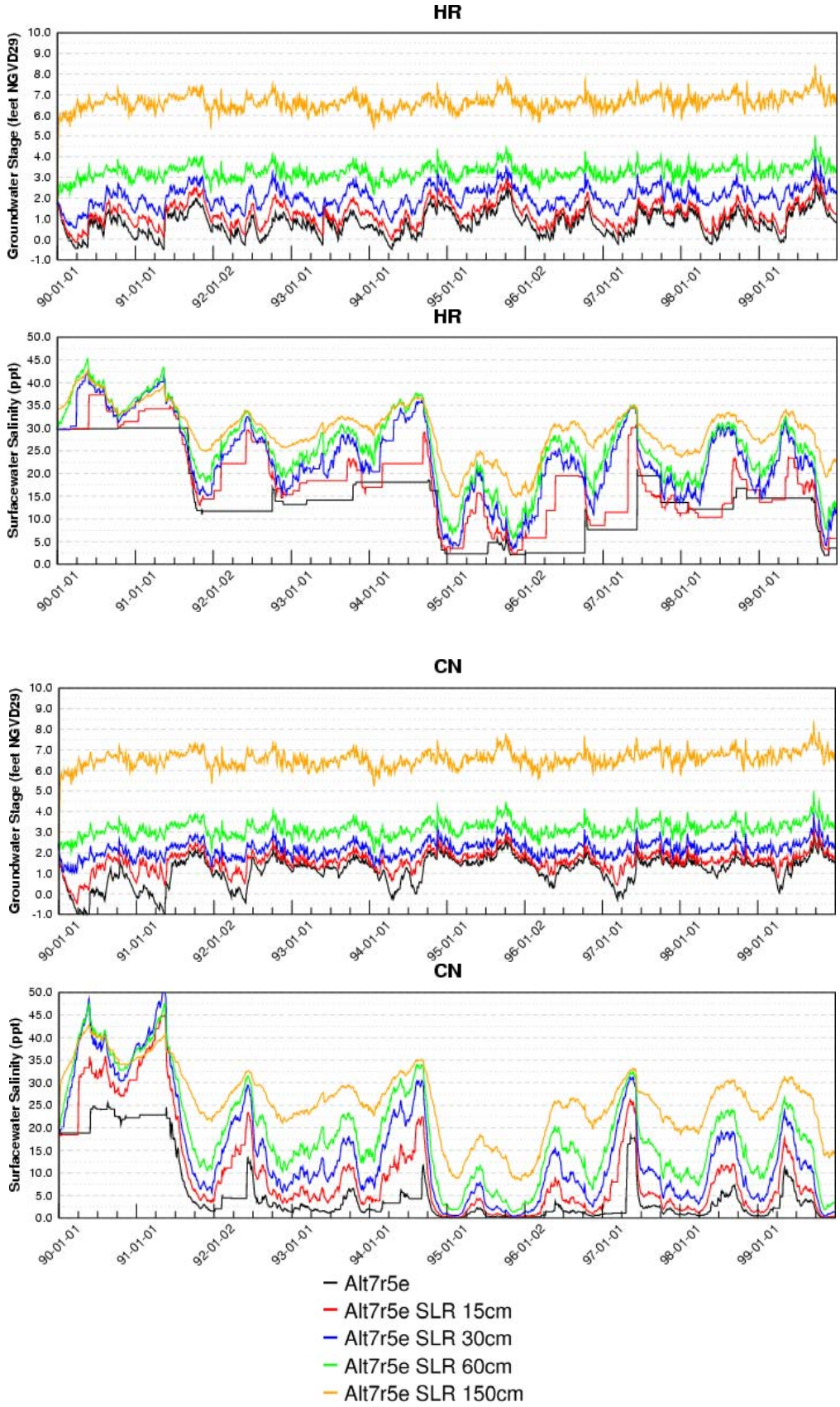
APPENDIX C.4 West Coast/Riverine Ecotone

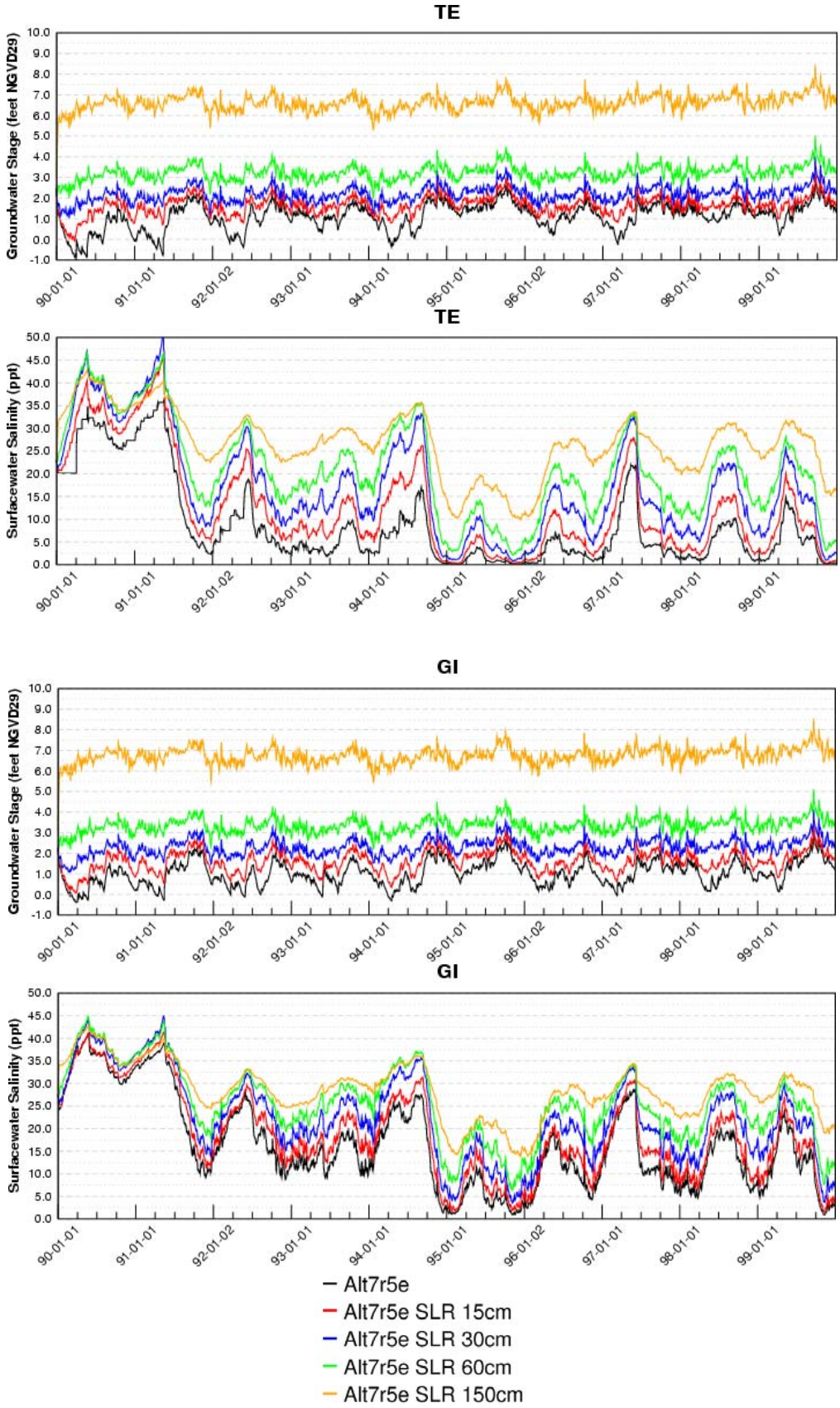


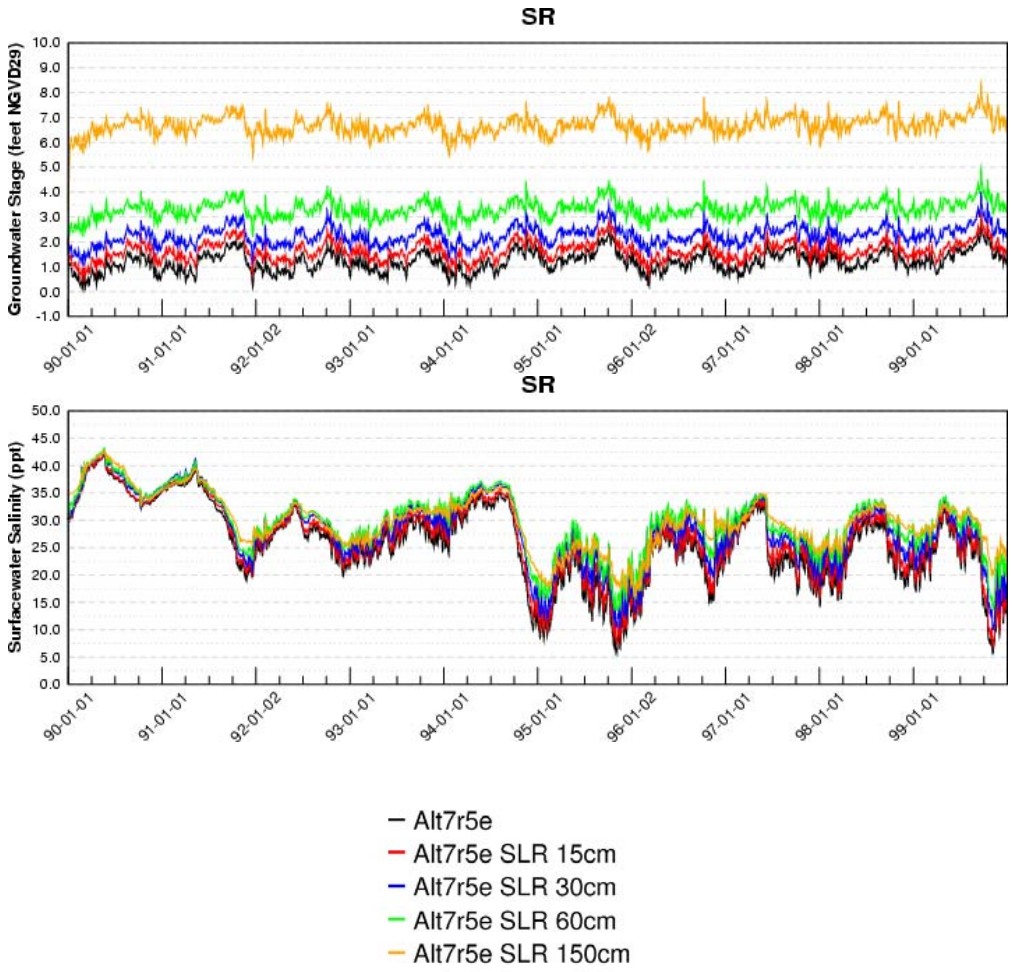

WP
Groundwater Stage (feet NGVD29)
WP
Surfacewater Salinity (ppt)
CA
Groundwater Stage (feet NGVD29)
CA
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm


LO
Groundwater Stage (feet NGVD29)
LO
Surfacewater Salinity (ppt)
WW
Groundwater Stage (feet NGVD29)
WW
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

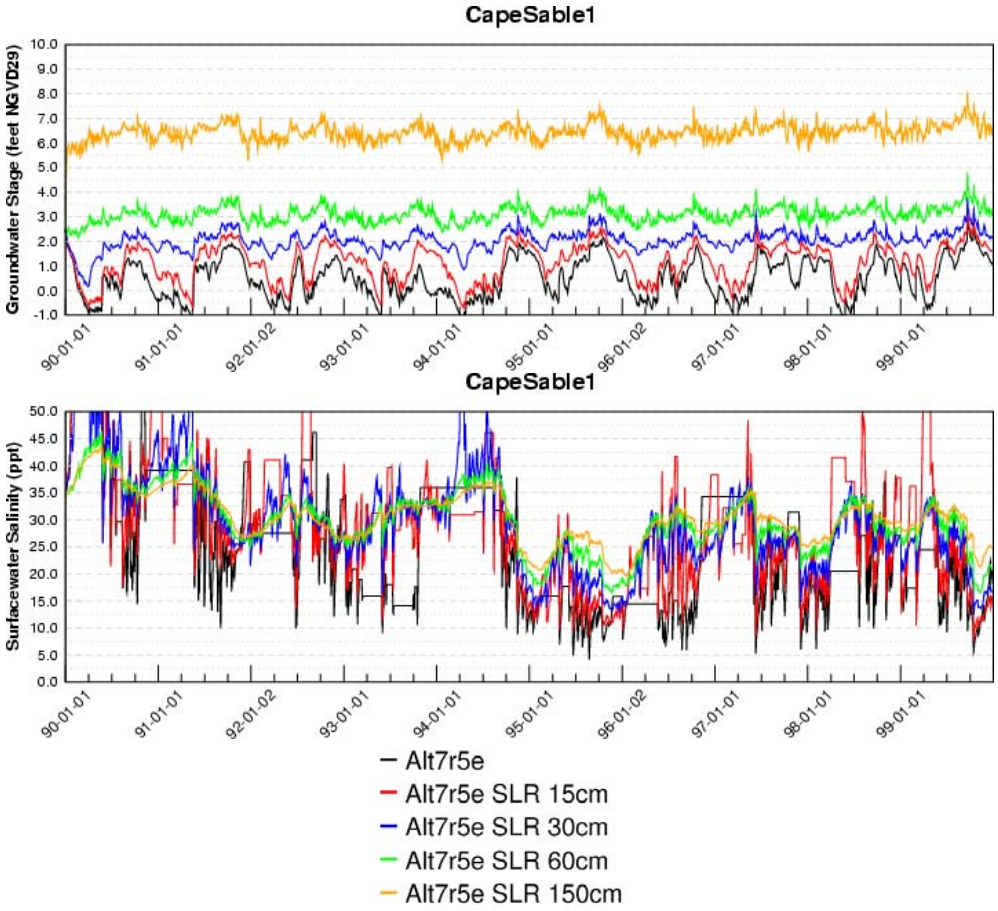

BD
Groundwater Stage (feet NGVD29)
BD
Surfacewater Salinity (ppt)
BR
Groundwater Stage (feet NGVD29)
BR
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

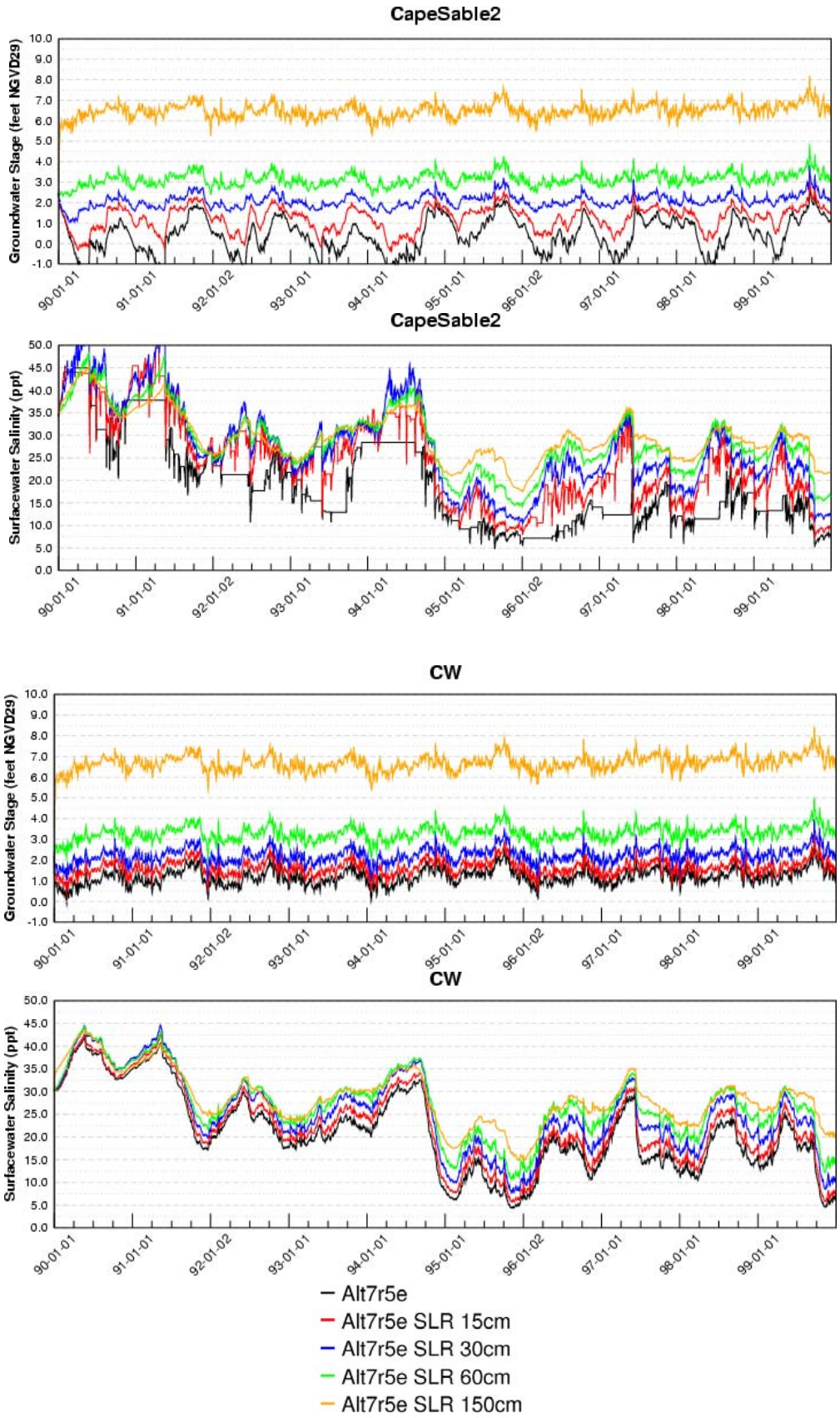

HR
Groundwater Stage (feet NGVD29)
HR
Surfacewater Salinity (ppt)
CN
Groundwater Stage (feet NGVD29)
CN
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

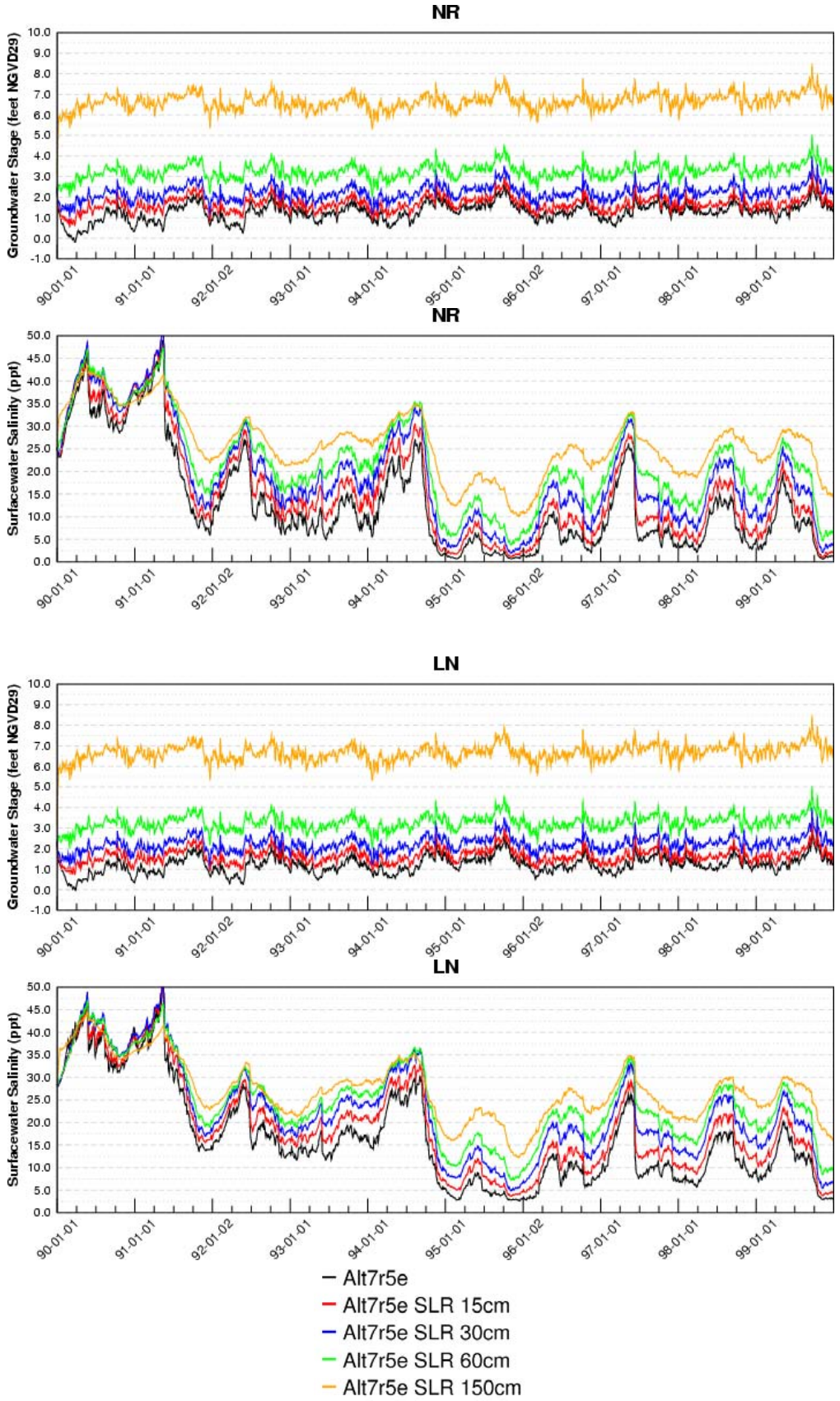

TE
Groundwater Stage (feet NGVD29)
TE
Surfacewater Salinity (ppt)
GI
Groundwater Stage (feet NGVD29)
GI
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

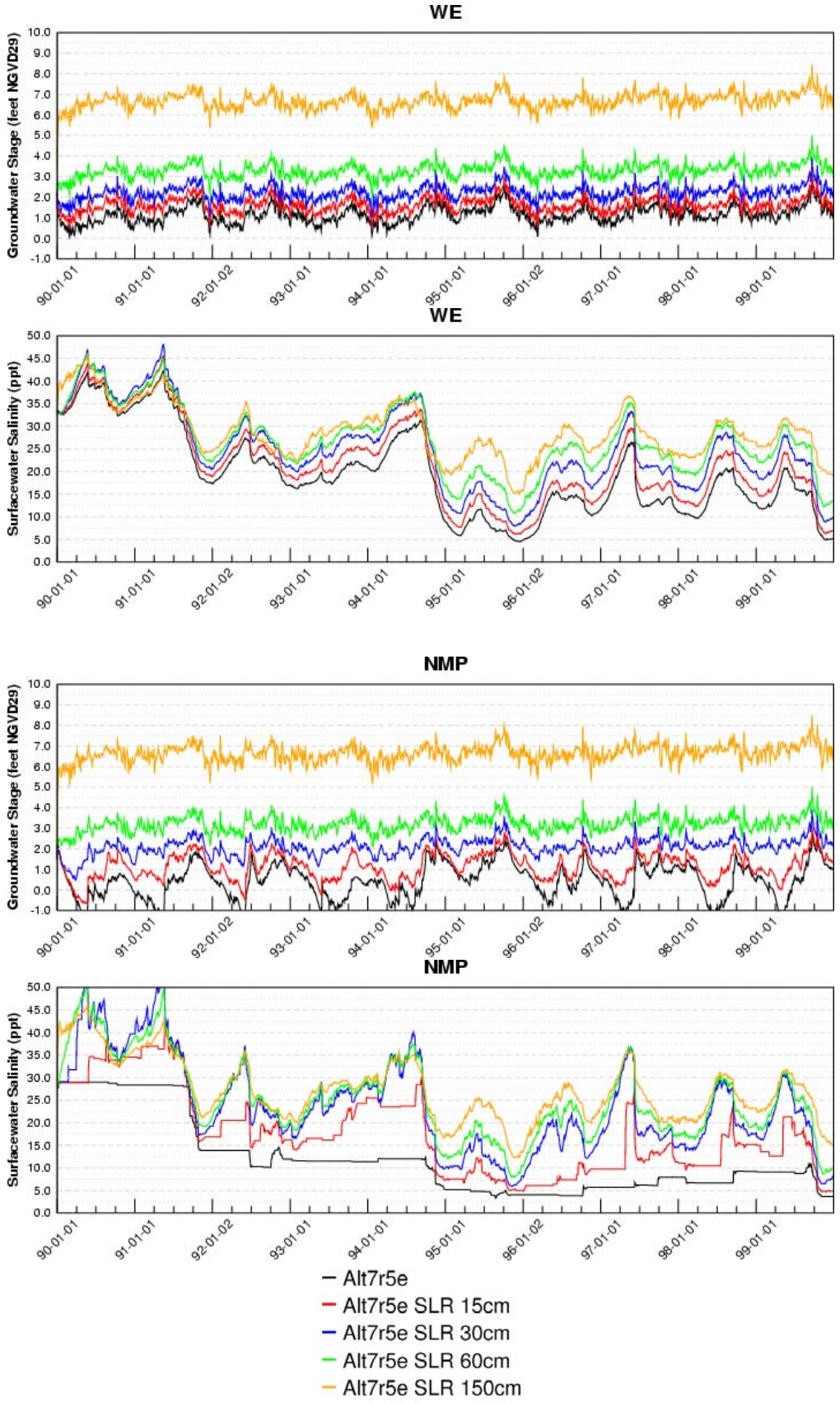

SR
Groundwater Stage (feet NGVD29)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
SR
Surfacewater Salinity (ppt)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

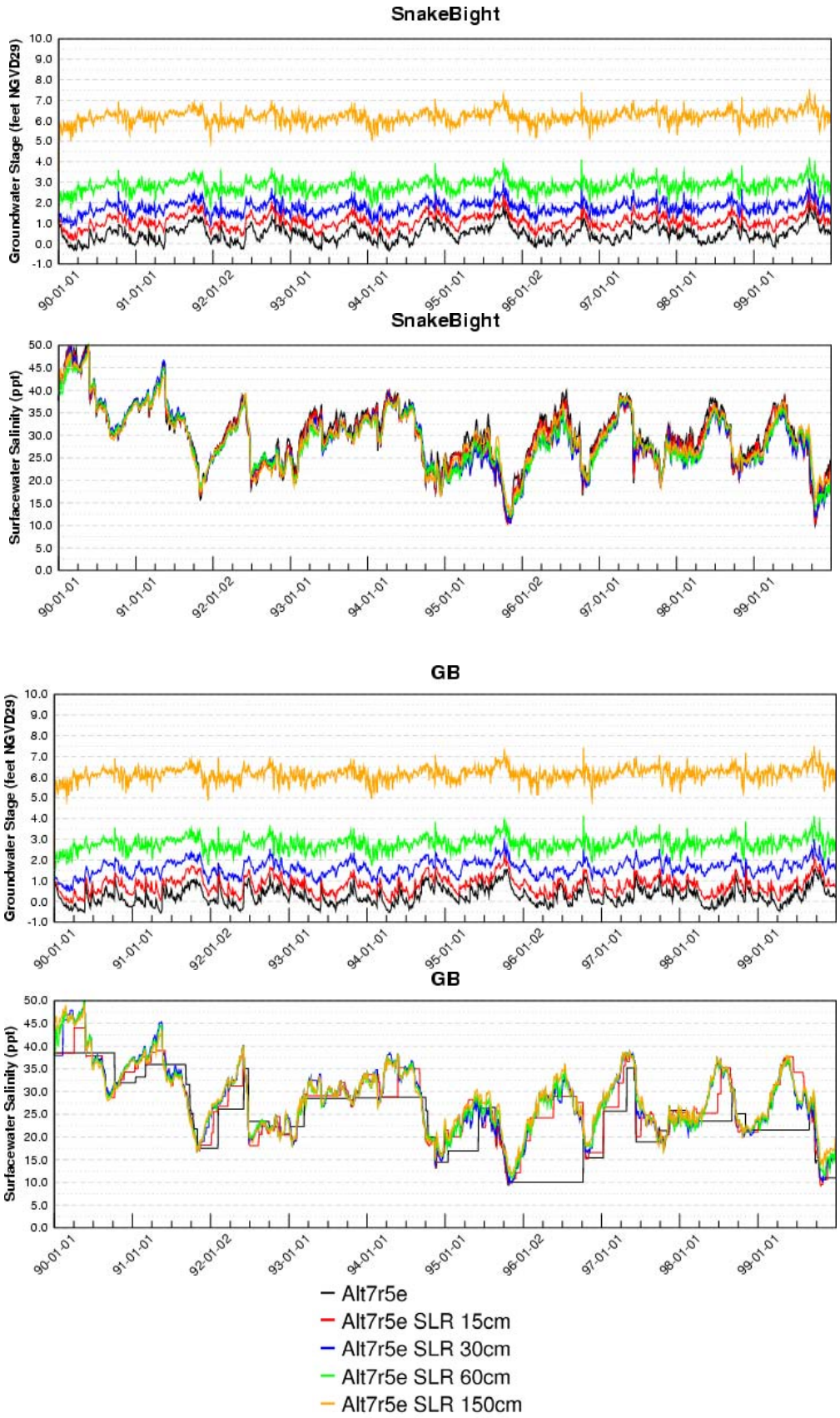
APPENDIX C.5 Whitewater Bay Basin



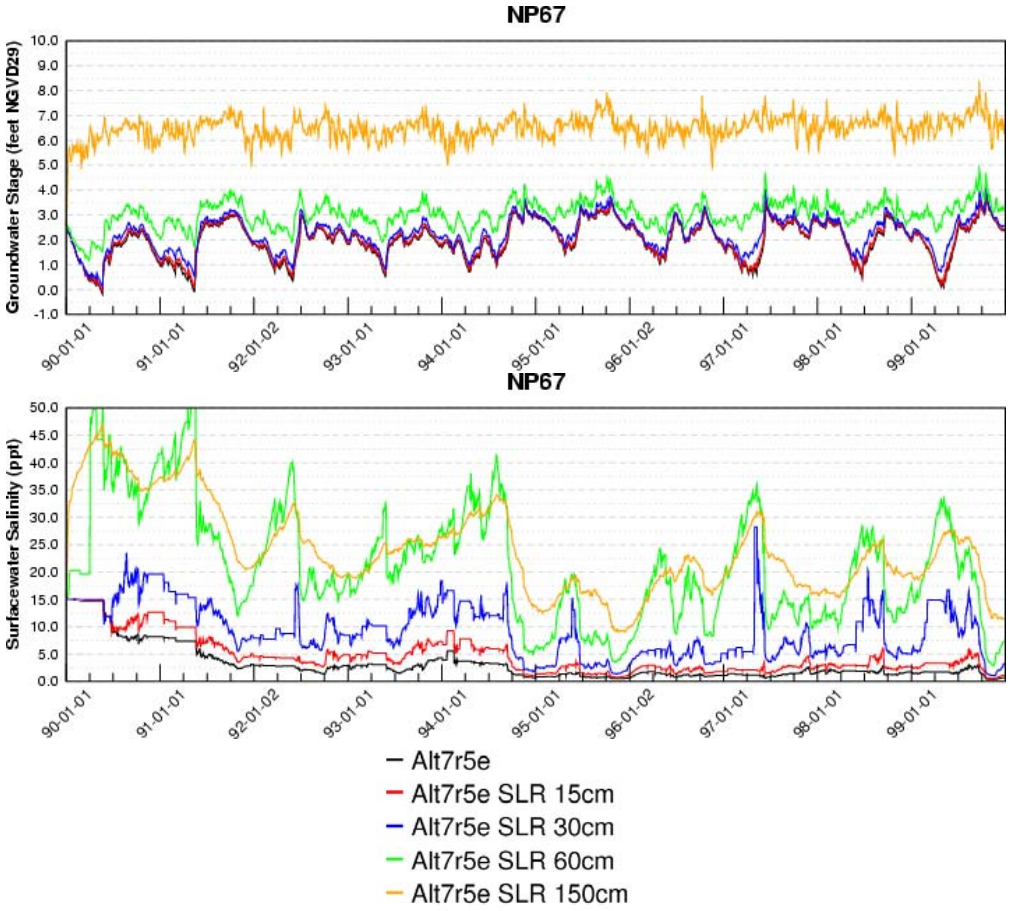

CapeSable2
Groundwater Stage (feet NGVD29)
CapeSable2
Surfacewater Salinity (ppt)
CW
Groundwater Stage (feet NGVD29)
CW
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

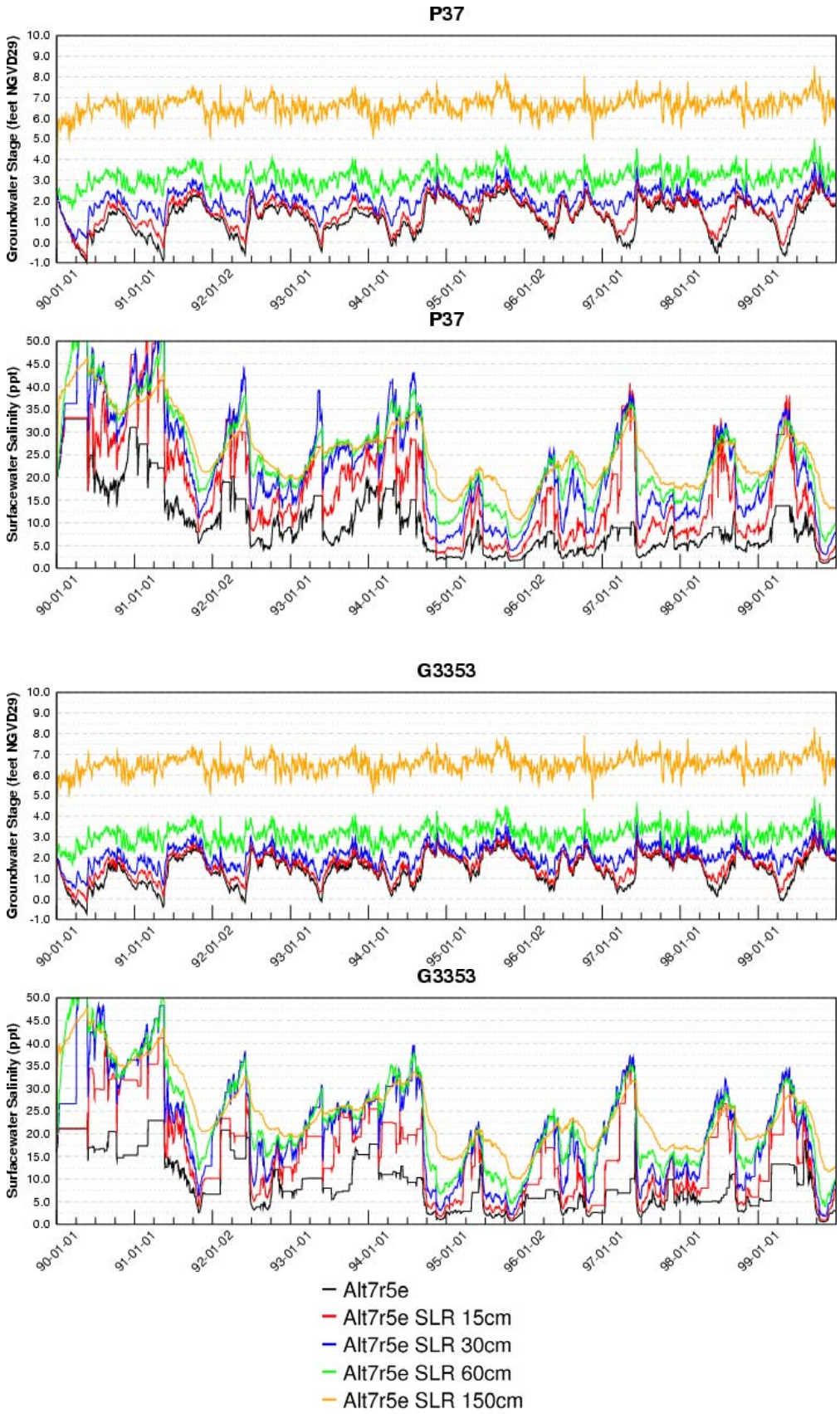

NR
Groundwater Stage (feet NGVD29)
NR
Surfacewater Salinity (ppt)
LN
Groundwater Stage (feet NGVD29)
LN
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

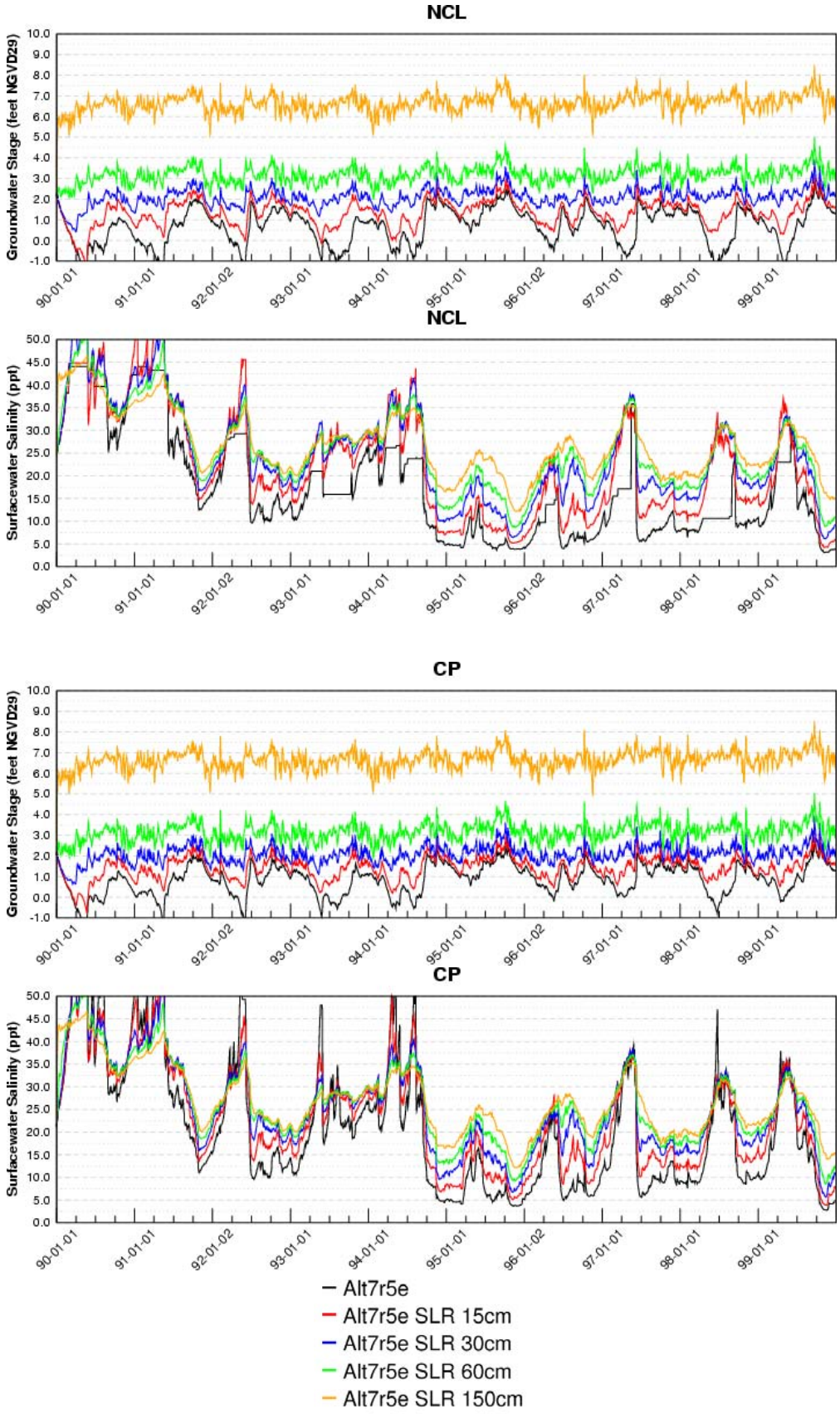

WE
Groundwater Stage (feet NGVD29)
WE
Surfacewater Salinity (ppt)
NMP
Groundwater Stage (feet NGVD29)
NMP
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

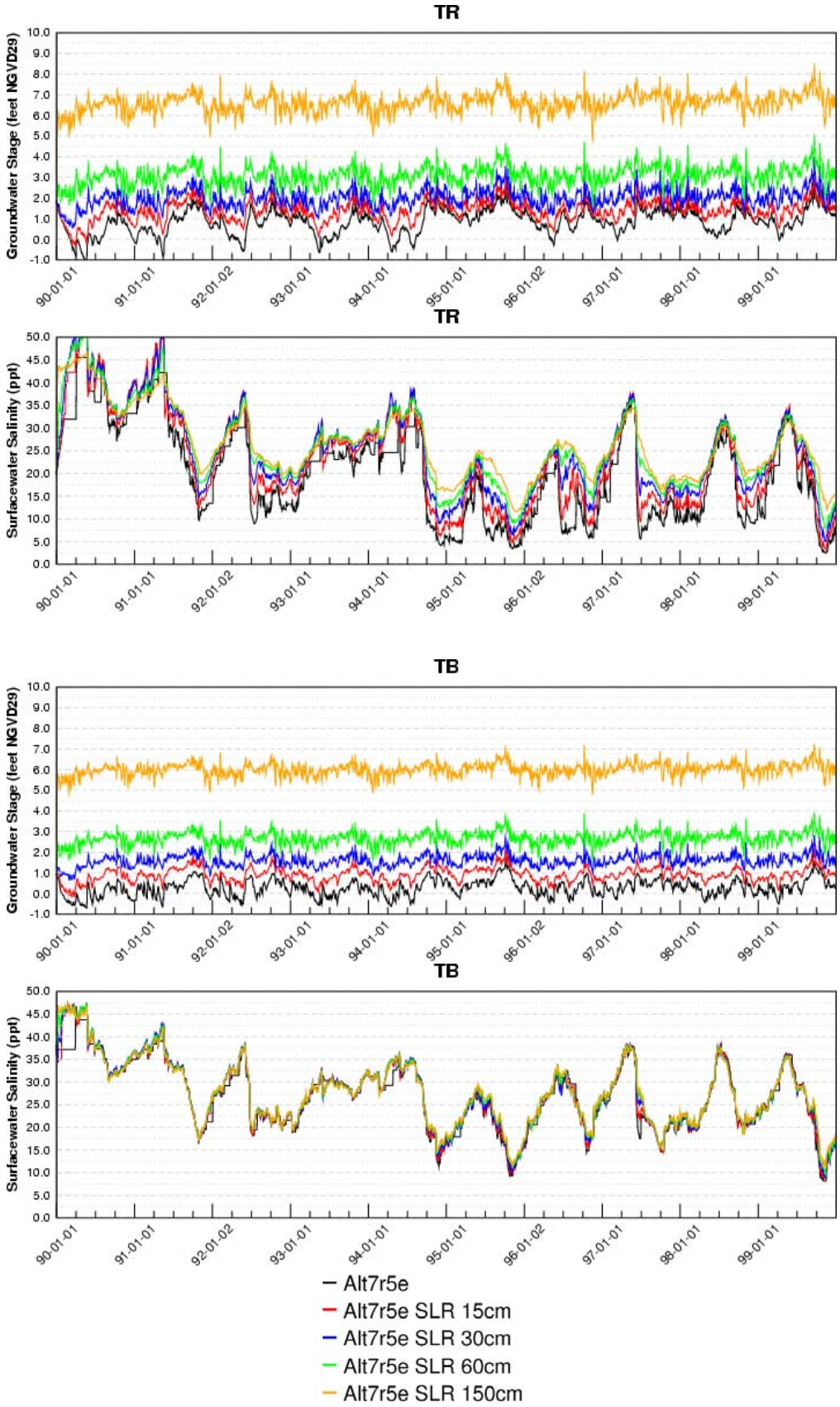

SnakeBight
Groundwater Stage (feet NGVD29)
SnakeBight
Surfacewater Salinity (ppt)
GB
Groundwater Stage (feet NGVD29)
GB
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm

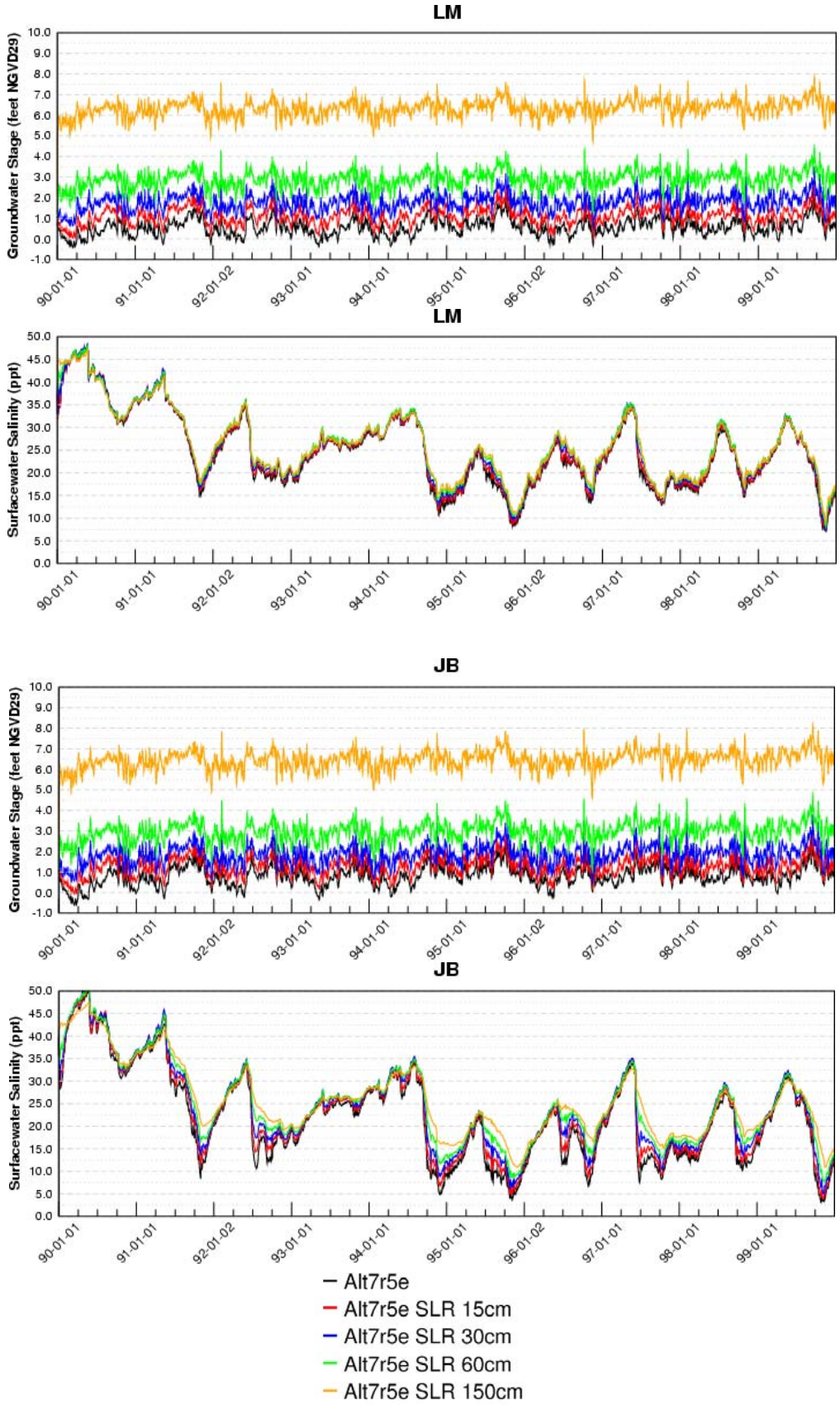
APPENDIX C.6 Taylor Slough Basin

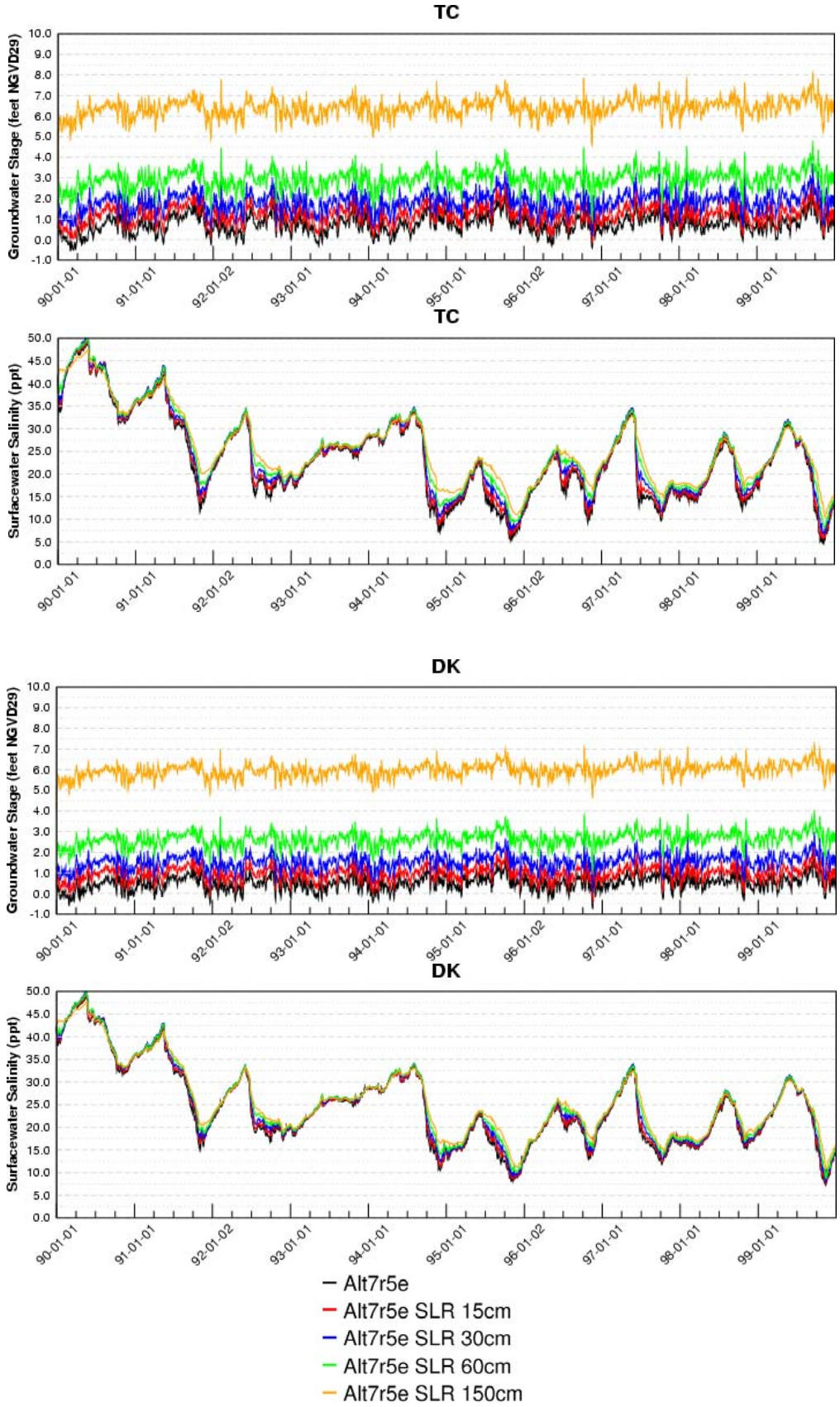


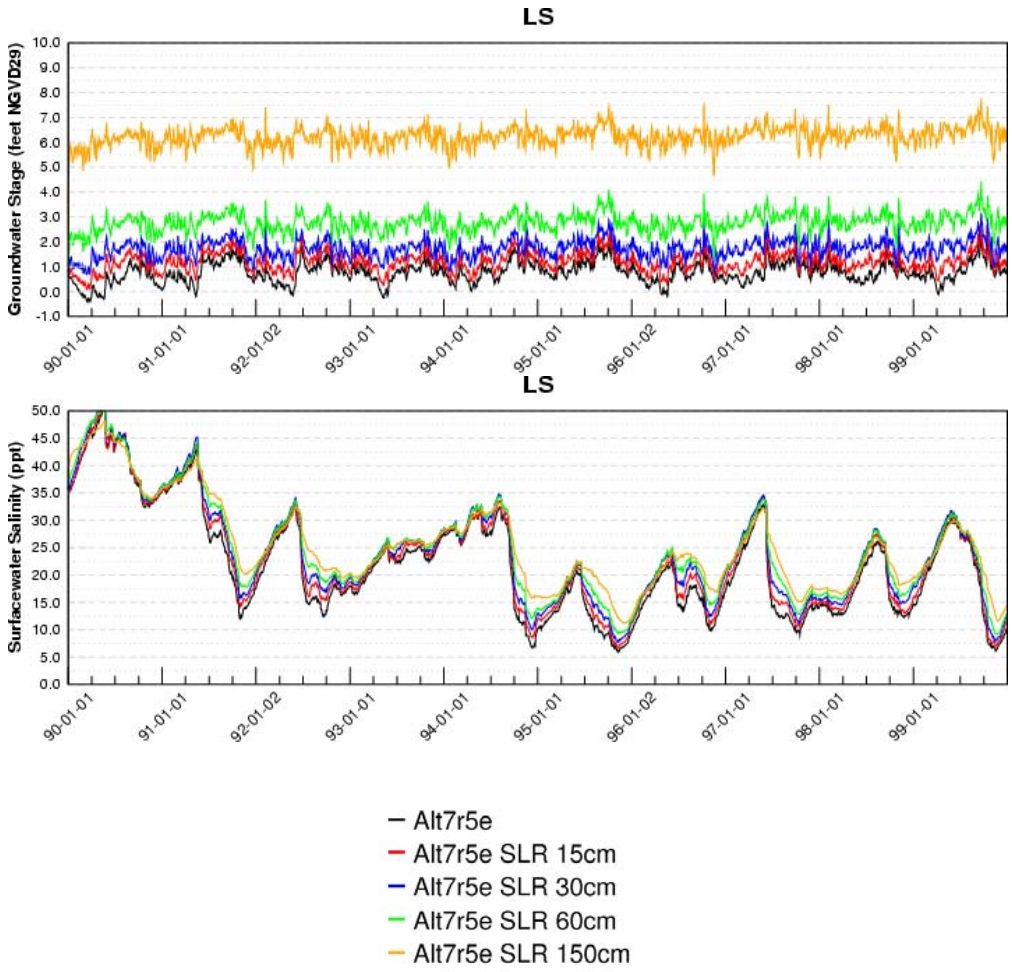

P37
Groundwater Stage (feet NGVD29)
P37
Surfacewater Salinity (ppt)
G3353
Groundwater Stage (feet NGVD29)
G3353
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm


NCL
Groundwater Stage (feet NGVD29)
NCL
Surfacewater Salinity (ppt)
CP
Groundwater Stage (feet NGVD29)
CP
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm


TR
Groundwater Stage (feet NGVD29)
TR
Surfacewater Salinity (ppt)
TB
Groundwater Stage (feet NGVD29)
TB
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm


LM
Groundwater Stage (feet NGVD29)
LM
Surfacewater Salinity (ppt)
JB
Groundwater Stage (feet NGVD29)
JB
Surfacewater Salinity (ppt)
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm


TC
Groundwater Stage (feet NGVD29)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
TC
Surfacewater Salinity (ppt)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
DK
Groundwater Stage (feet NGVD29)
DK
Surfacewater Salinity (ppt)
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm


LS
Groundwater Stage (feet NGVD29)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
LS
Surfacewater Salinity (ppt)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
90-01-01
91-01-01
92-01-02
93-01-01
94-01-01
95-01-01
96-01-02
97-01-01
98-01-01
99-01-01
Alt7r5e
Alt7r5e SLR 15cm
Alt7r5e SLR 30cm
Alt7r5e SLR 60cm
Alt7r5e SLR 150cm