APPENDIX H

COMBINED OPERATIONAL PLAN

HYDRAULICS & HYDROLOGY

ANNEX 5
MODELING RESULTS

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H-5 MODELING RESULTS

H-5.1 RSMGL – ROUND 3 RESULTS

H-5.1.1 CRITICAL FLOWS SUMMARY REPORT

Critical Flows Report....[1]

Date: 2019/05/17
P.O.R: 1965--2005
Files are---->
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ALTO /nw/hesm_nas/projects/MWD_SouthDade/RSMGL_SouthDade/COP/ALTO/output_102018_svn14009_rsm5426/RSMGL_SD_outpu
ALTQ /nw/hesm_nas/projects/MWD_SouthDade/RSMGL_SouthDade/COP/ALTQ/output_042019_svn14781/RSMGL_SD_output.dss
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ALTQ /nw/hesm_nas/projects/MWD_SouthDade/RSMGL_SouthDade/COP/ALTQ/input/dss_files/RSMBN_ECB19.dss
All values (annual average are in Kac-ft)

Table 1. WCA-1

	ECB19RR	ALTN2	ALTO	ALTQ
G94	36.8	36.8	36.8	36.8
S10	308.9	308.9	308.9	308.9
S39	37.1	37.1	37.1	37.1
S6FC	0.0	0.0	0.0	0.0
S6WS	0.8	0.8	0.8	0.8

Table 2. WCA-2A

	ECB19RR	ALTN2	ALTO	ALTQ
S7FC	56.4	56.4	56.4	56.4
S7WS	11.5	11.5	11.5	11.5
STA2O+BYP2N	371.3	371.3	371.3	371.3
STA2O+BYP2S	8.1	8.1	8.1	8.1
S38	77.3	76.9	77.5	77.1
S143	26.5	26.1	26.6	26.3
S144	44.5	44.5	44.6	44.6
S145	47.7	47.8	47.8	47.8
S146	46.3	46.4	46.4	46.4

[1]Modeling Section
South Florida Water Management District

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Table 3. WCA-3A/L-29

	ECB19RR	ALTN2	ALTO	ALTQ
NWA3A-L28	203.1	203.1	203.1	203.1
S8FC	341.4	341.4	341.4	341.4
S8WS	27.8	28.0	27.8	26.9
S339	19.8	20.0	20.0	19.2
S340	19.3	19.6	19.5	18.8
S150	0.0	0.0	0.0	0.0
S140	124.3	124.2	124.4	124.2
S9	150.3	141.9	143.8	139.9
S11	481.8	482.0	480.9	481.7
S343	14.9	11.7	5.0	4.1
S344	7.0	5.7	2.5	2.1
S333	262.8	522.0	490.7	533.7
S333N	0.1	0.2	5.0	5.8
S12A	29.8	20.3	12.7	21.4
S12A_WEIR	5.9	4.3	6.7	5.0
S12B	34.9	25.2	25.1	24.9
S12B_WEIR	4.7	3.6	5.4	4.0
S12C	142.9	97.0	68.5	93.1
S12D	218.6	162.7	194.9	172.9
S334	0.4	0.2	0.0	0.0
S356	125.3	189.5	176.0	170.3

Table 4. WCA-3B

	ECB19RR	ALTN2	ALTO	ALTQ
S151FC	185.1	141.3	132.1	110.1
S151WS	76.4	57.2	54.0	62.0
S152	73.9	58.1	71.8	56.7
S31FC	7.9	6.6	7.2	0.0
S31WS	0.1	0.1	0.1	0.1
S337FC	1.1	0.4	0.0	0.0
S337WS	71.5	54.2	51.1	58.3
S355A	18.5	9.5	9.9	0.6
S355B	14.8	6.6	5.9	0.6
TTBRIDGE1MILE	208.8	286.3	280.1	284.6
TTBRIDGE2.6MILE	177.2	351.4	326.4	337.7

Table 5. ENP-Detention-Areas

	ECB19RR	ALTN2	ALTO	ALTQ
S357	45.5	79.9	56.5	58.6
S357N	5.8	5.7	5.9	5.5
S332BN	64.8	34.9	80.0	76.5
S332B	64.8	34.9	86.8	84.2
S332C	109.5	48.7	58.7	75.2
S332D	111.4	115.2	140.0	132.1
S332DX1	4.1	4.3	0.1	0.1
S199	51.0	49.3	59.8	58.0
S200	50.2	49.0	60.2	58.4
G737	10.3	9.3	11.0	11.0
S328	34.4	41.2	42.0	37.0
SDNWE	1.7	2.9	5.6	5.2
S329	0.9	1.2	2.1	2.0
S205	0.0	0.1	0.1	0.1

Table 6. South-Dade

	ECB19RR	ALTN2	ALTO	ALTQ
G211FC	95.3	54.1	81.6	72.0
G211WS	43.2	30.7	28.1	31.8
S335FC	166.4	99.3	26.6	22.6
S335WS	42.5	35.5	39.1	43.9
S335_2	−901.0	47.8	66.2	66.6
S335_3	−901.0	−901.0	56.1	54.8
S336	6.0	5.0	4.7	5.6
S338	58.2	67.8	58.5	71.6
S331FC	153.2	72.4	150.1	141.3
S331WS	42.7	30.7	25.3	29.3
S194	39.2	31.2	38.4	41.6
S196	26.4	21.6	24.1	29.3
S165	9.5	9.7	9.4	9.4
S166	0.3	0.3	0.3	0.3
S148	36.5	43.4	35.7	41.6
S176	27.3	24.2	20.6	20.3
S176_2	9.3	−901.0	1.7	1.1
S177	76.2	65.5	65.3	64.7
S177_2	1.9	−901.0	0.9	0.8
S178	8.7	18.2	9.4	9.3
S18C	147.2	135.2	142.0	135.8
S197	60.4	20.2	13.4	18.9

Table 7. BiscayneBay

	ECB19RR	ALTN2	ALTO	ALTQ
NorthBay	509.3	498.8	498.7	487.7
CentralBay	106.9	106.5	105.3	104.7
SouthBay	248.9	257.5	248.7	259.2

Table 8. CoastalStructures

	ECB19RR	ALTN2	ALTO	ALTQ
S20	12.6	12.7	12.6	12.6
S20F	108.7	107.9	108.9	111.1
S20G	5.8	5.8	5.8	5.8
S21A	59.9	60.2	60.1	61.2
S21	74.4	83.5	73.9	81.0
S123	11.4	11.7	11.5	11.6
S22	77.3	76.9	76.0	75.8
G93	18.1	17.9	17.8	17.3

H-5.1.2 WATER BUDGET MAPS

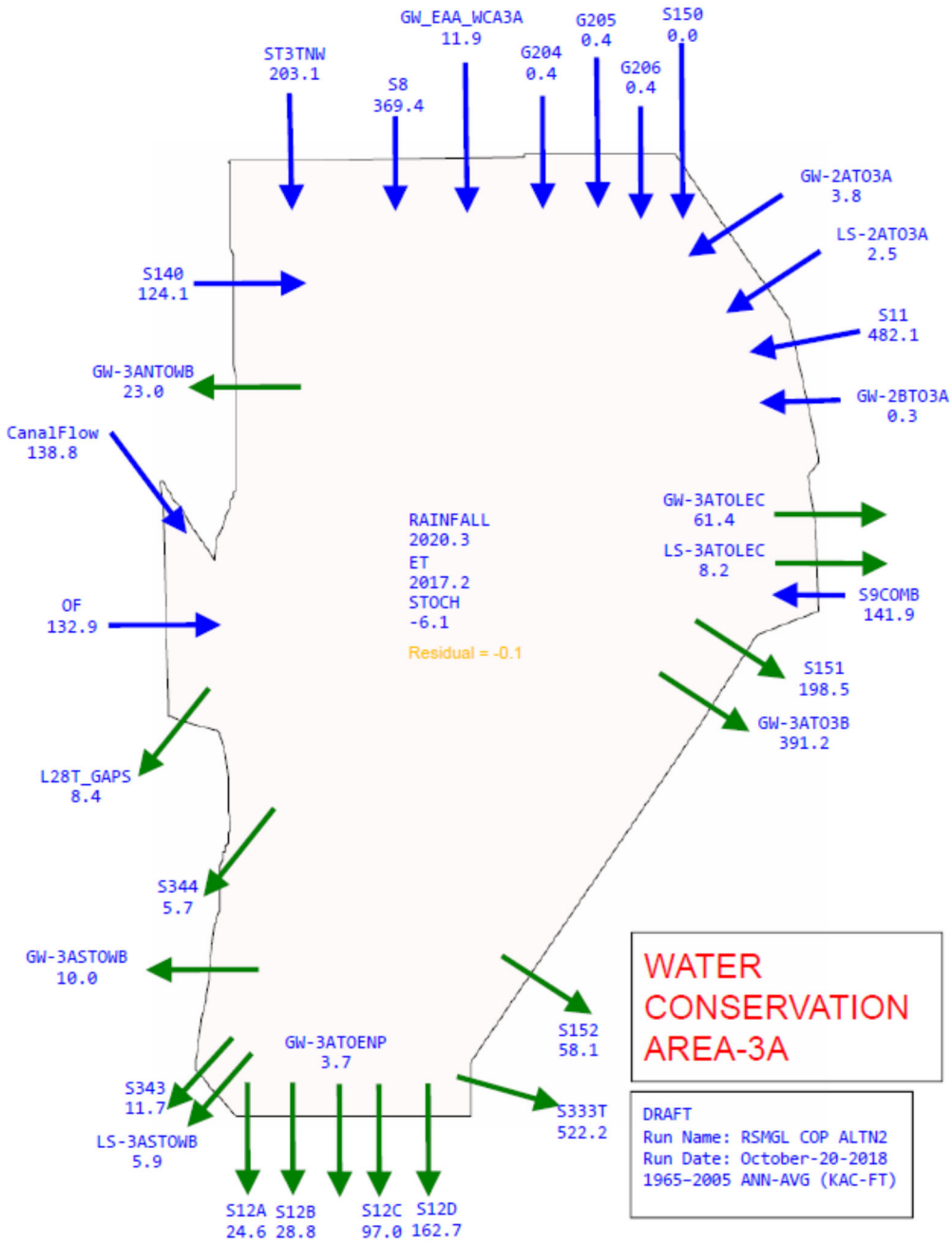

Figure H-5. 1 Annual average water budget for Water Conservation Area 3-A for ALTN2.

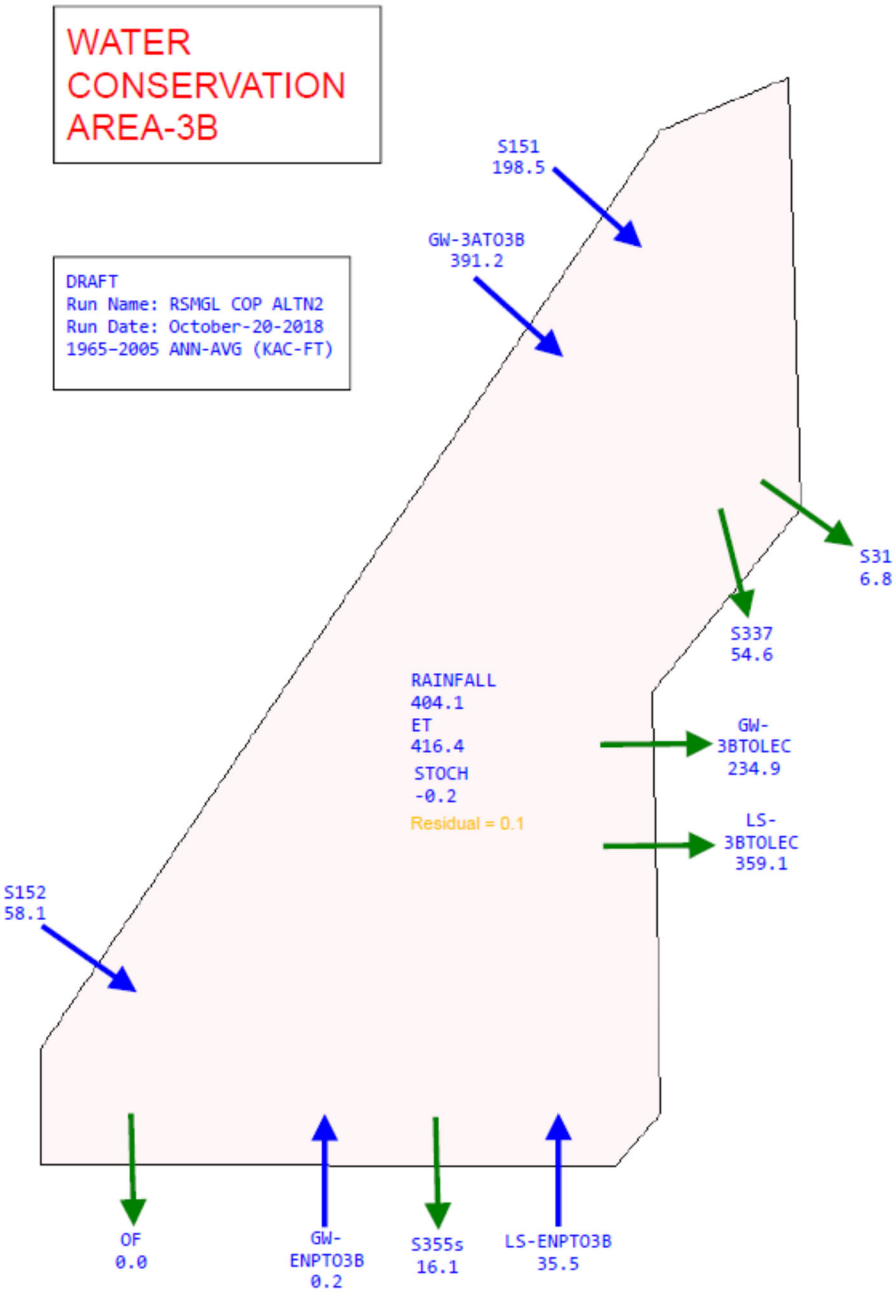

Figure H-5. 2 Annual average water budget for Water Conservation Area 3-B for ALTN2.

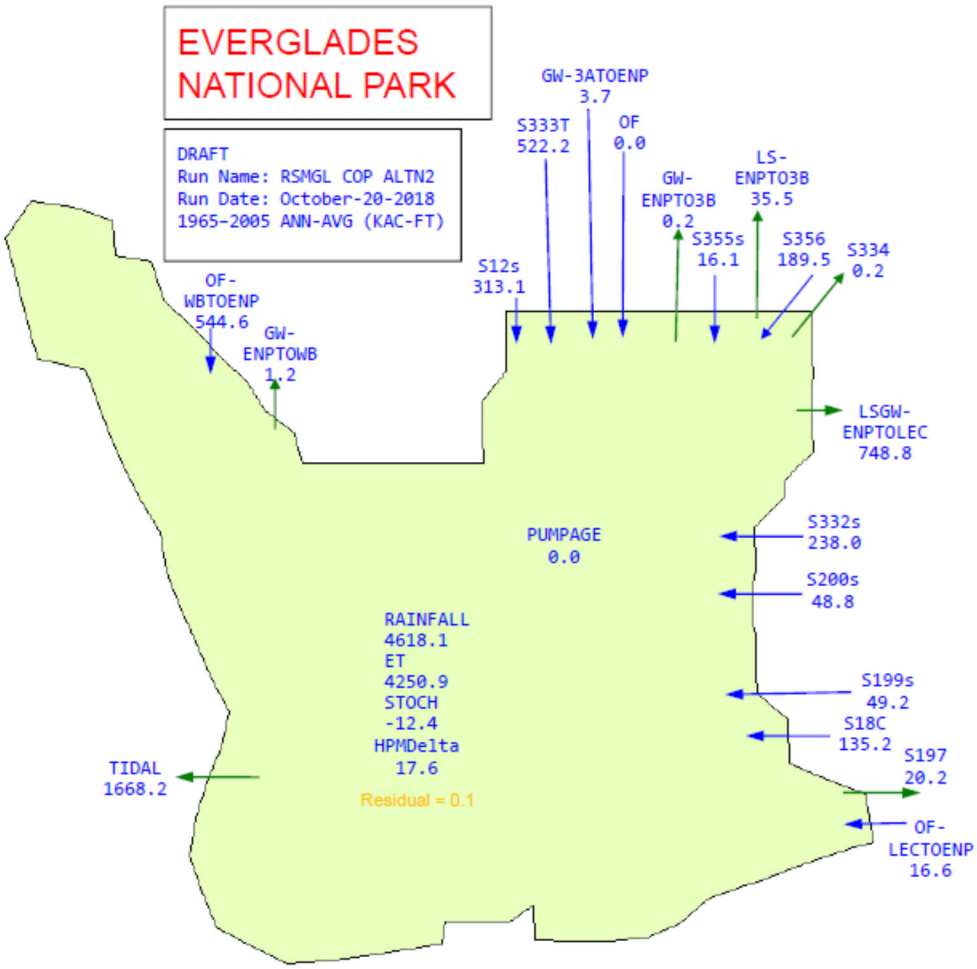

Figure H-5. 3 Annual average water budget for the Everglades National Park for ALTN2.

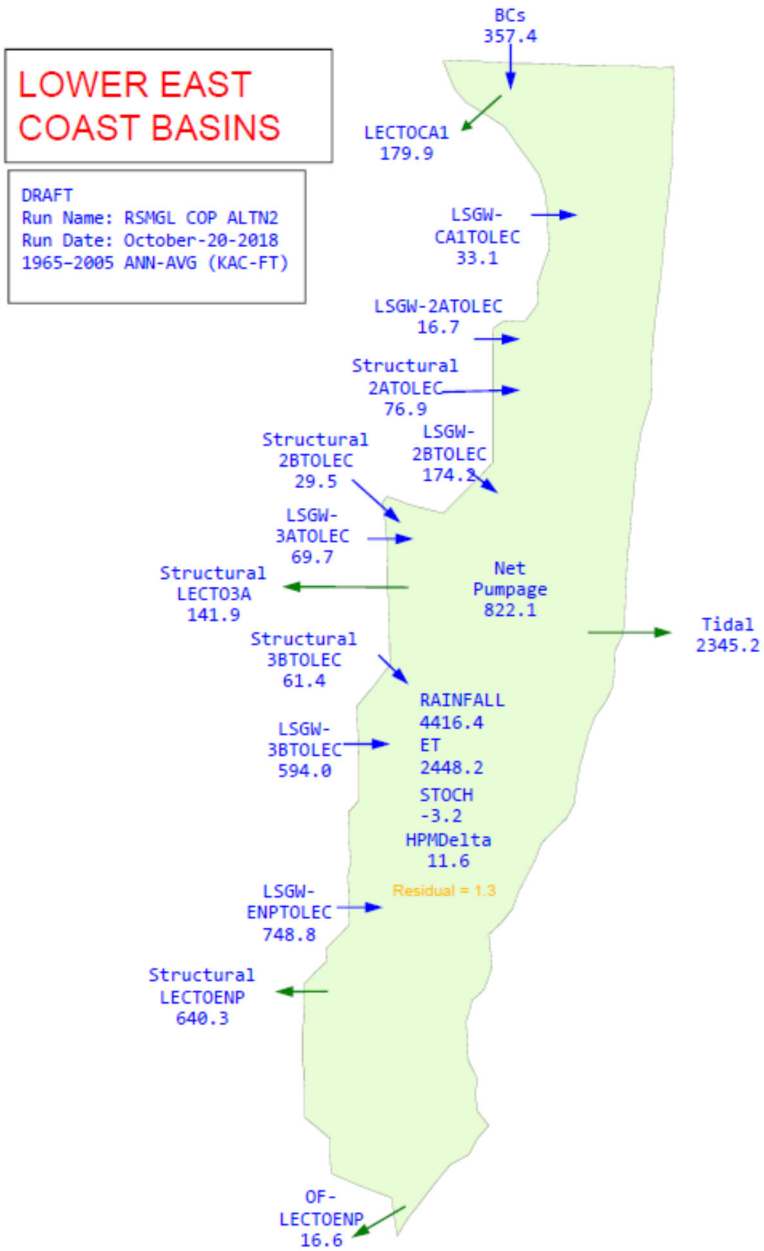

Figure H-5. 4 Annual average water budget for the Lower East Coast for ALTN2.

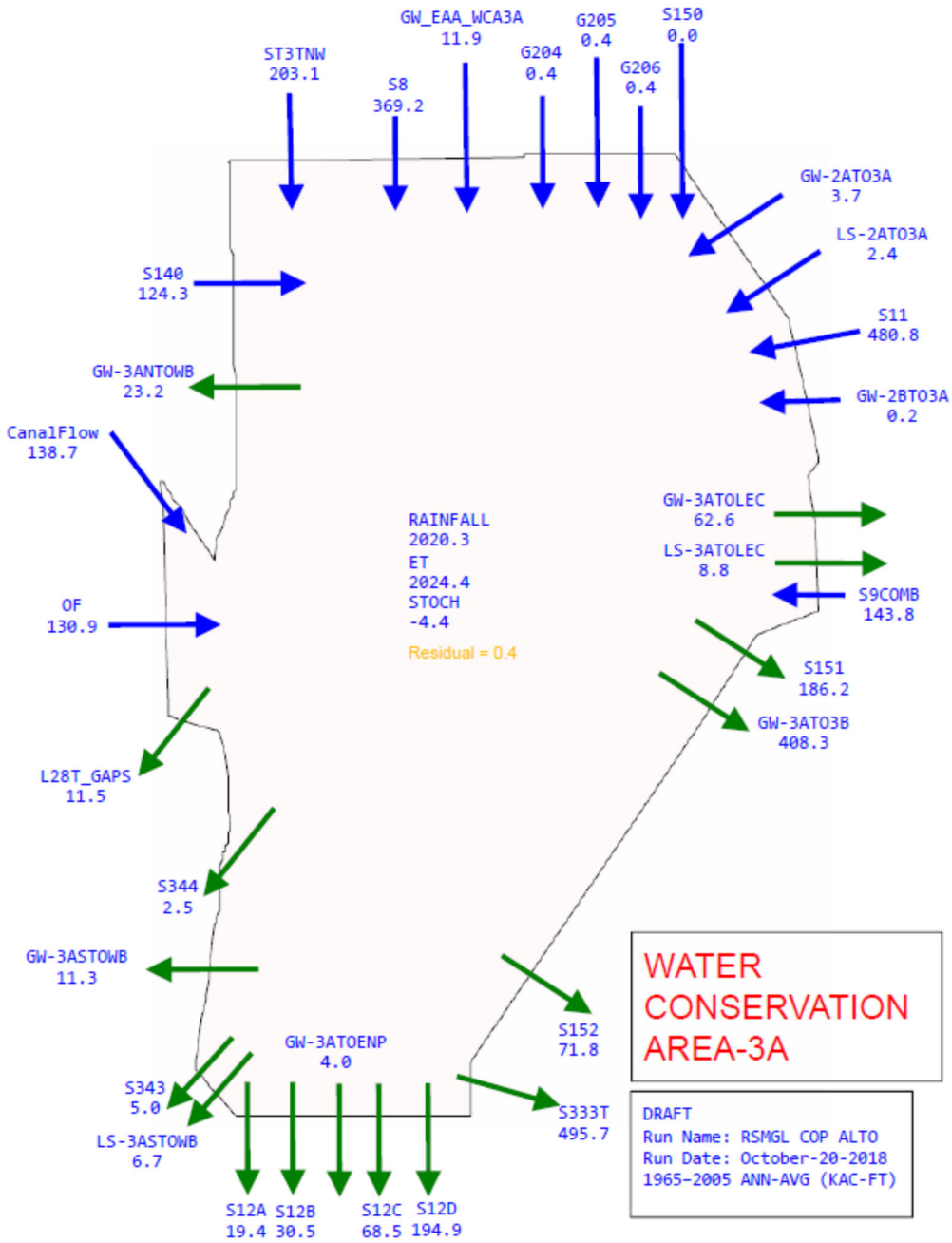

Figure H-5. 5 Annual average water budget for Water Conservation Area 3-A for ALTO.

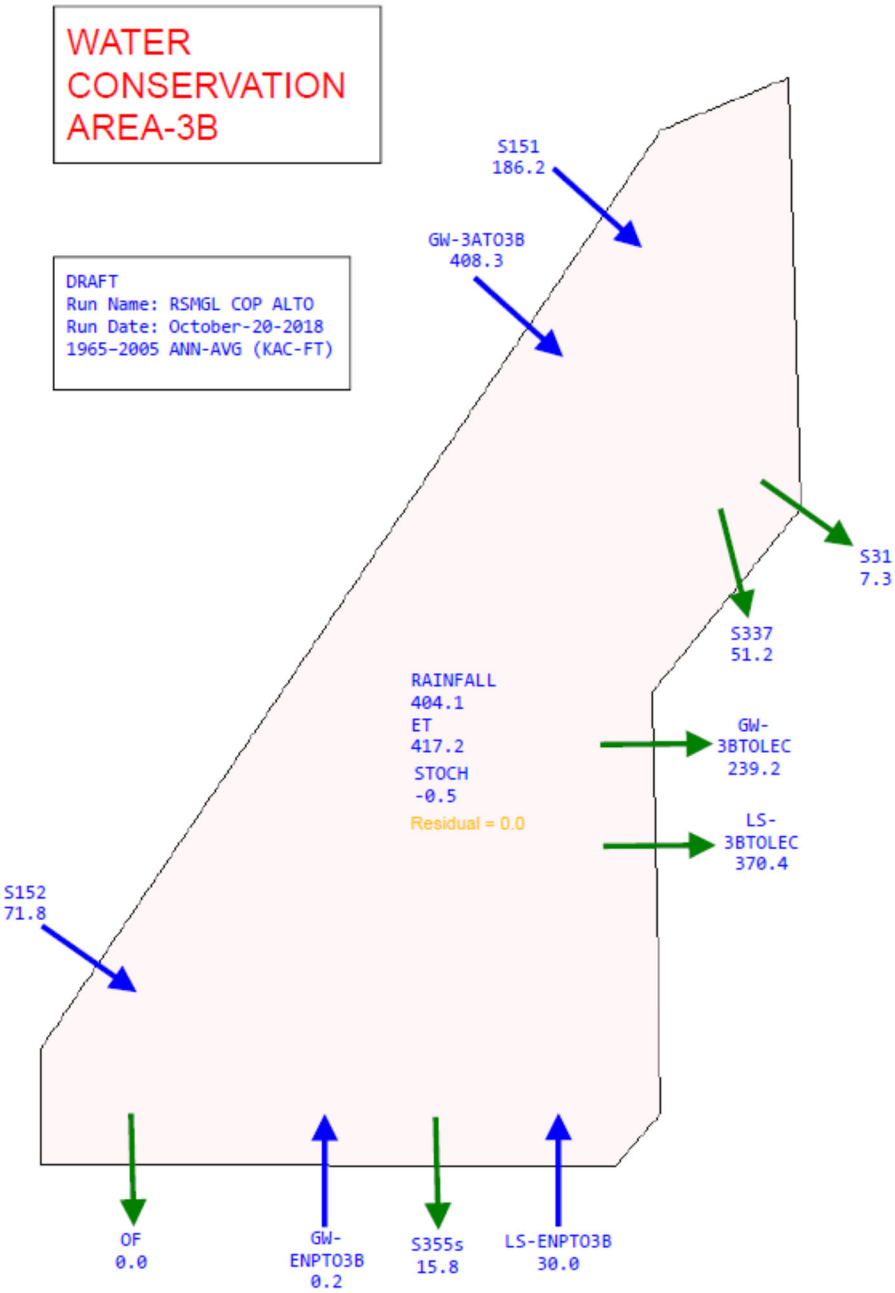

Figure H-5. 6 Annual average water budget for Water Conservation Area 3-B for ALTO.

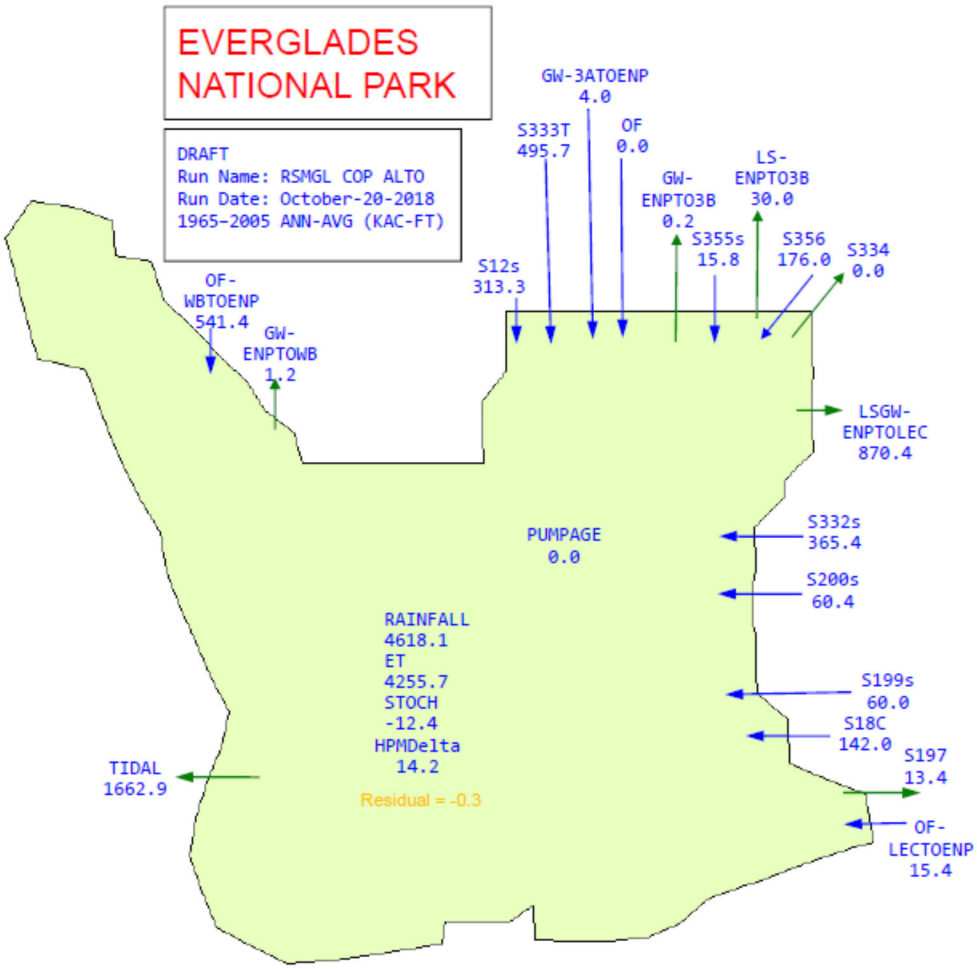

Figure H-5. 7 Annual average water budget for the Everglades National Park for ALTO.

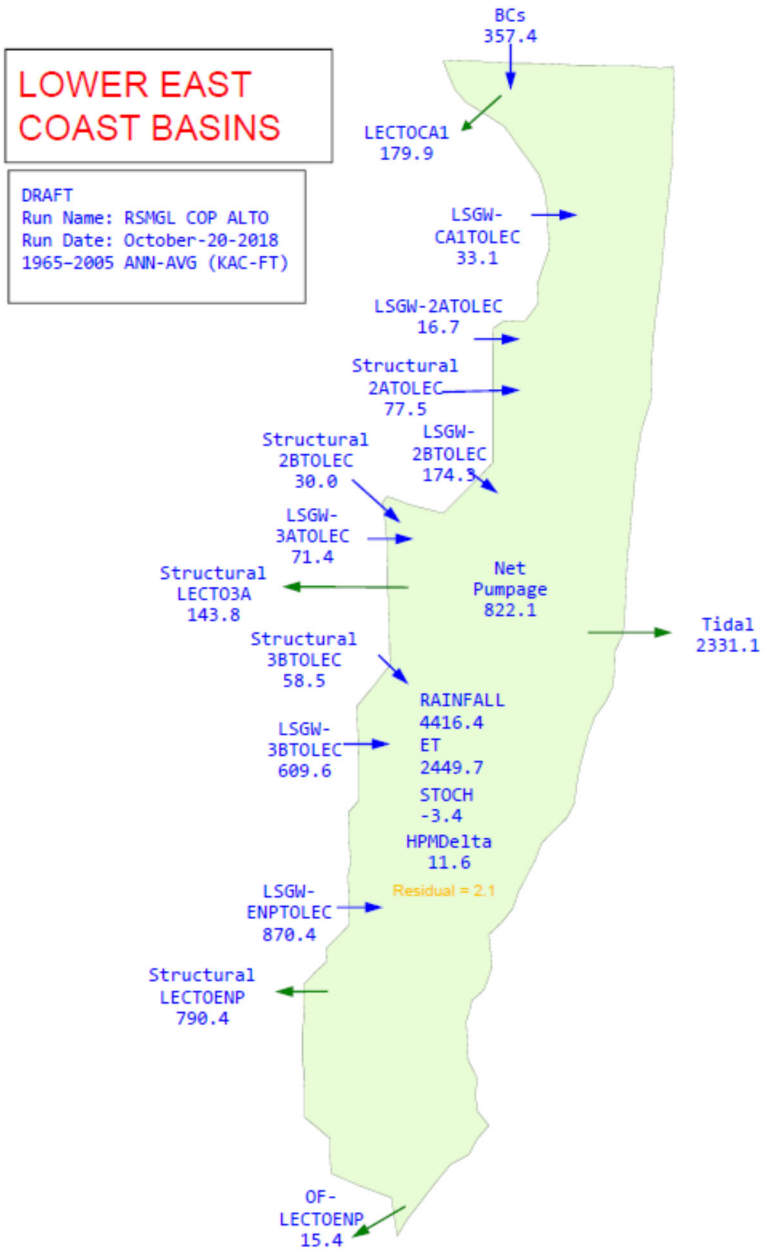

Figure H-5. 8 Annual average water budget for the Lower East Coast for ALTO.

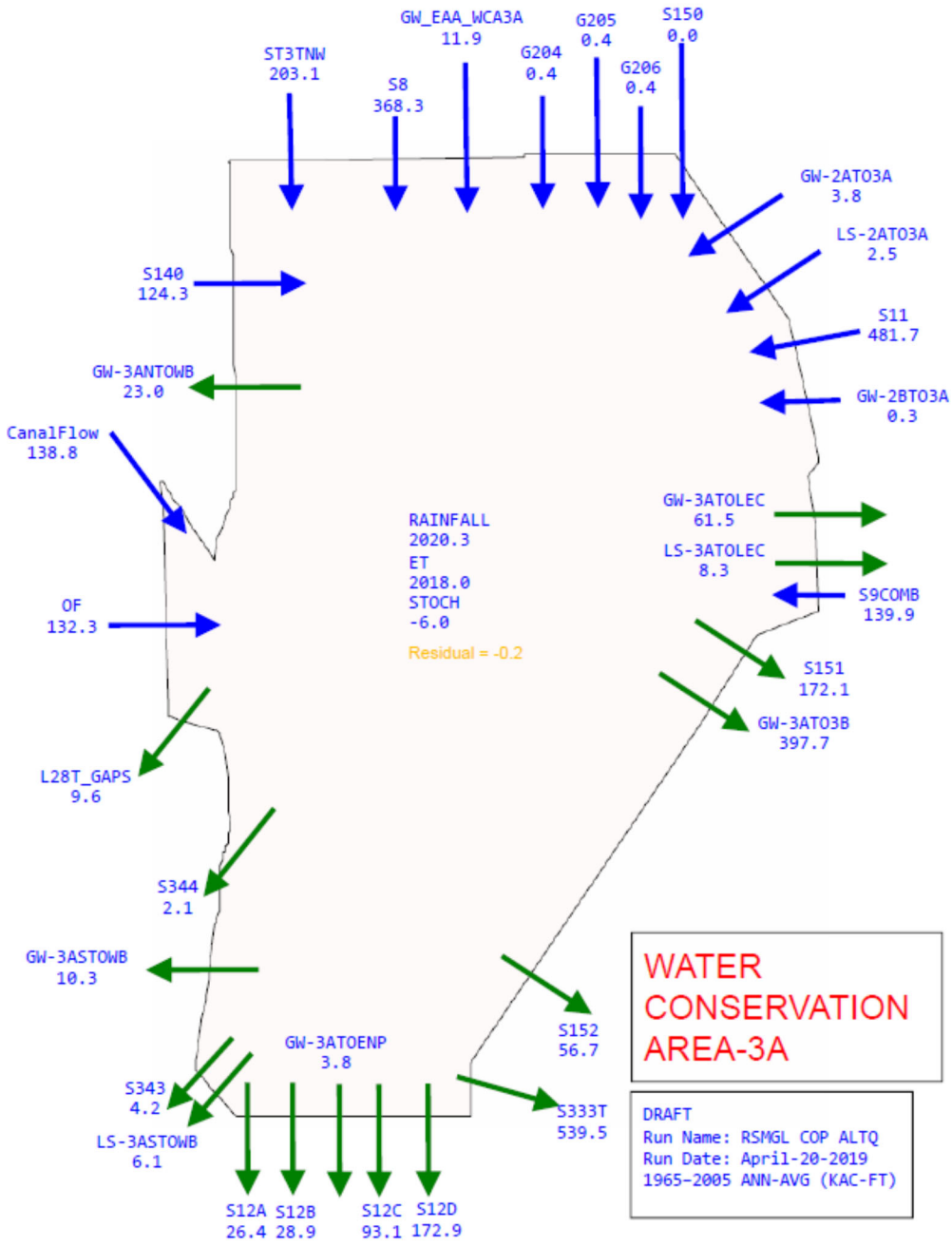

Figure H-5. 9 Annual average water budget for Water Conservation Area 3-A for ALTQ.

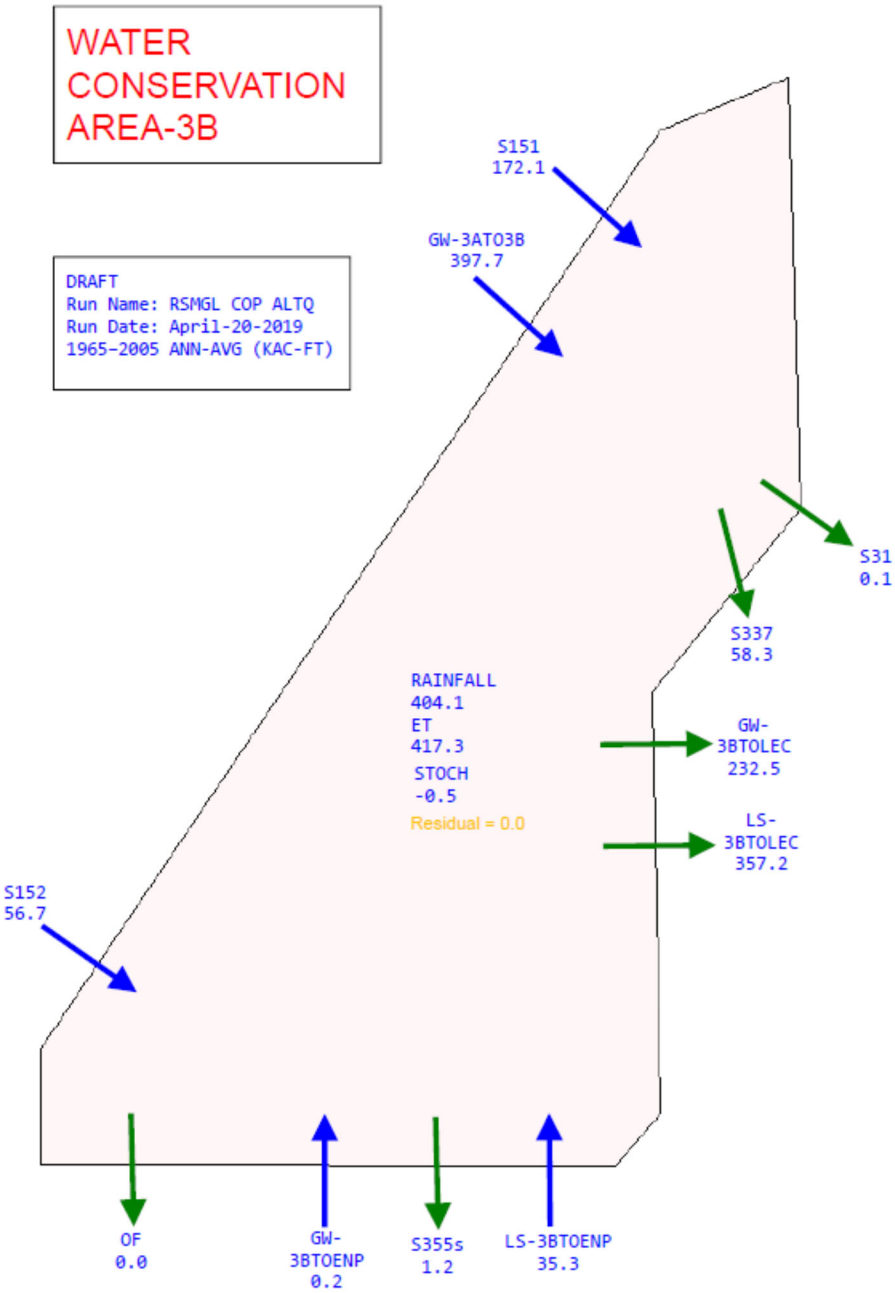

Figure H-5. 10 Annual average water budget for Water Conservation Area 3-B for ALTQ.

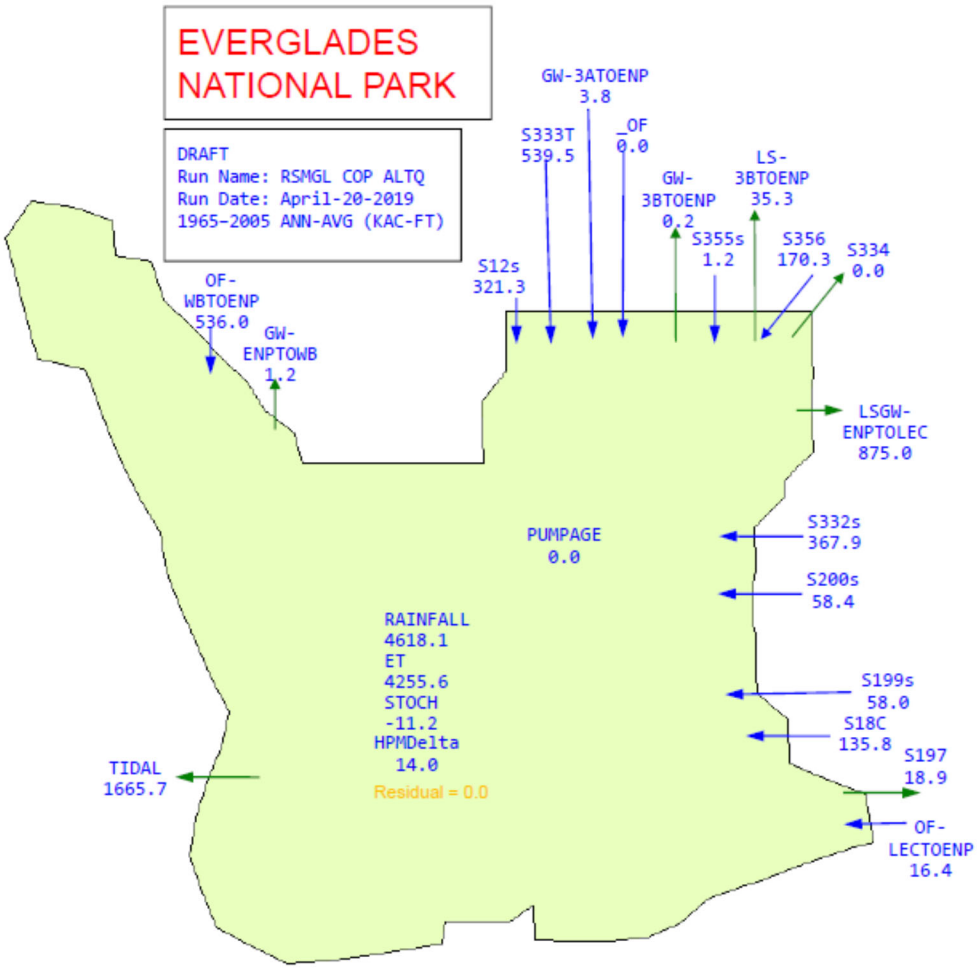

Figure H-5. 11 Annual average water budget for the Everglades National Park for ALTQ.

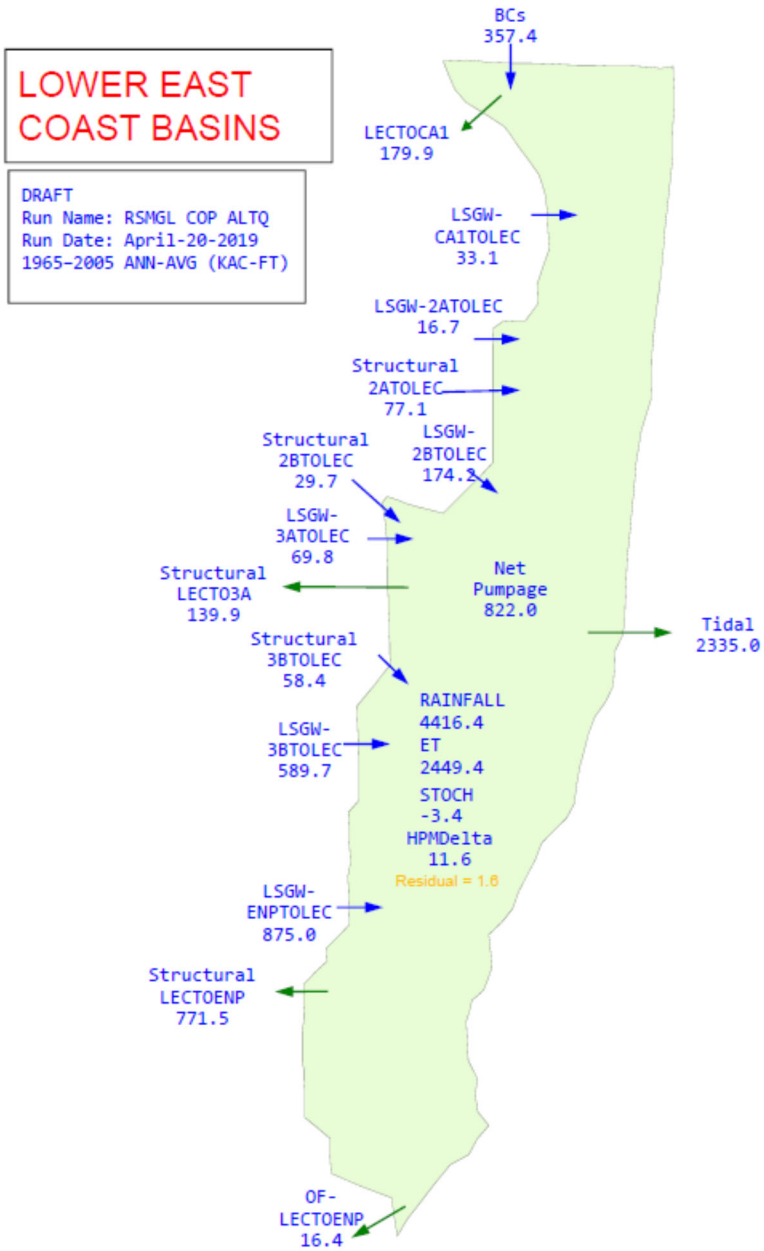

Figure H-5. 12 Annual average water budget for the Lower East Coast for ALTQ.

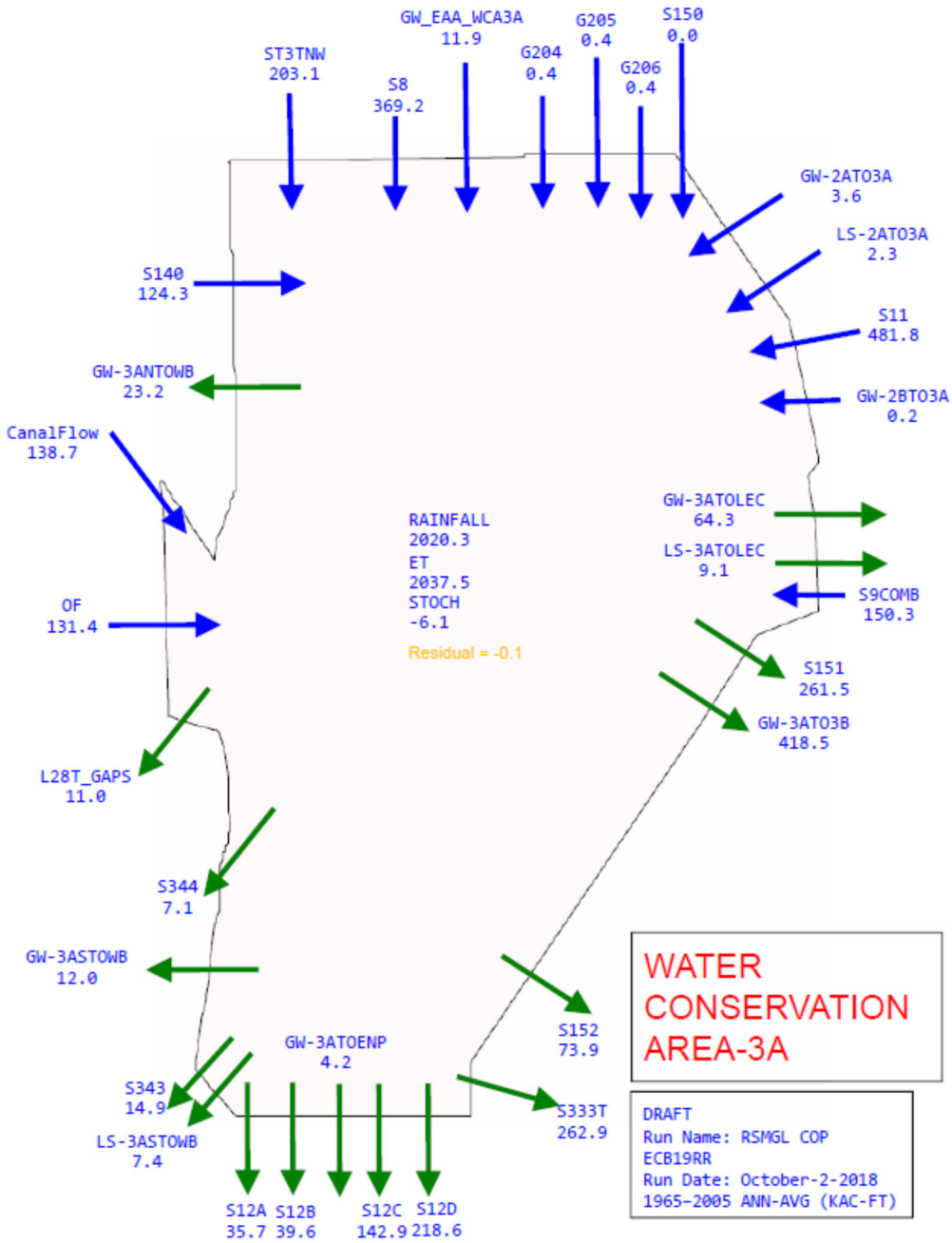

Figure H-5. 13 Annual average water budget for Water Conservation Area 3-A for ALTECB19RR.

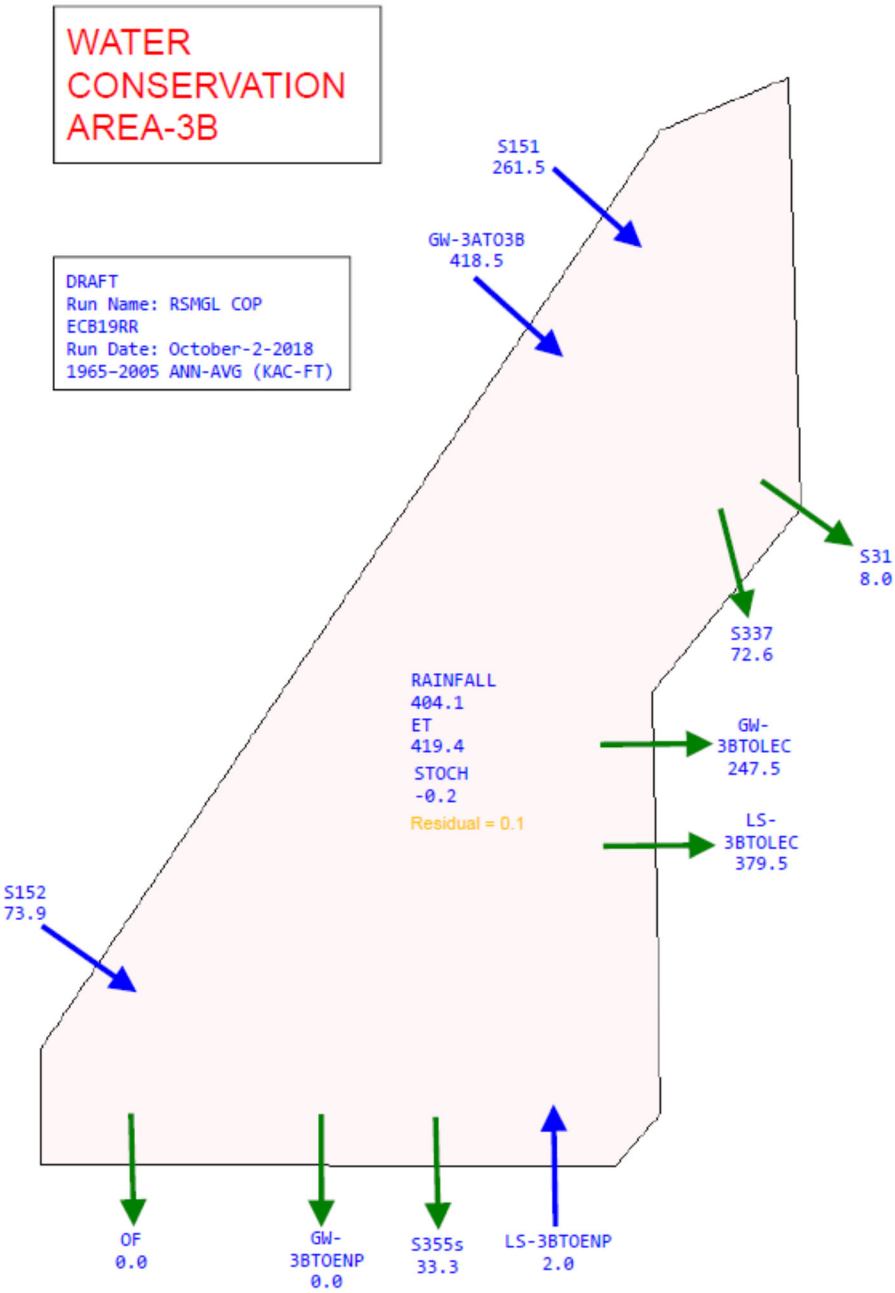

Figure H-5. 14 Annual average water budget for Water Conservation Area 3-B for ALTECB19RR.

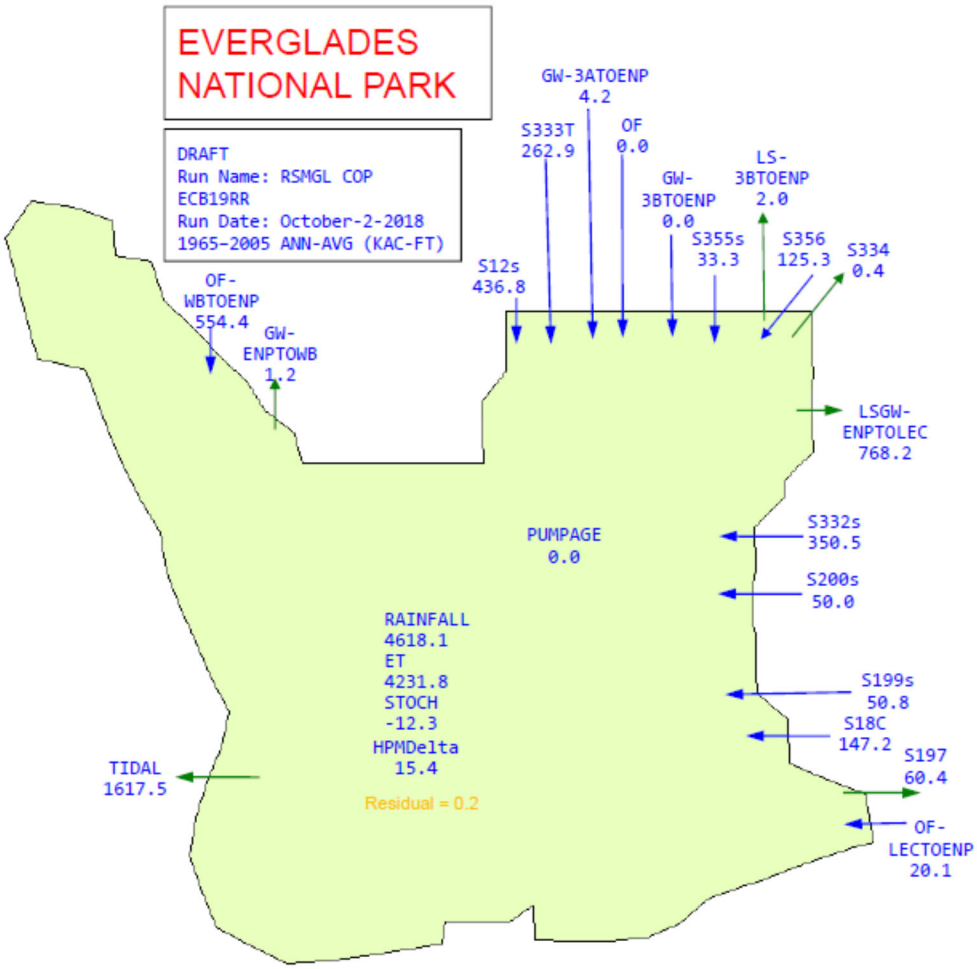

Figure H-5. 15 Annual average water budget for the Everglades National Park for ALTECB19RR.

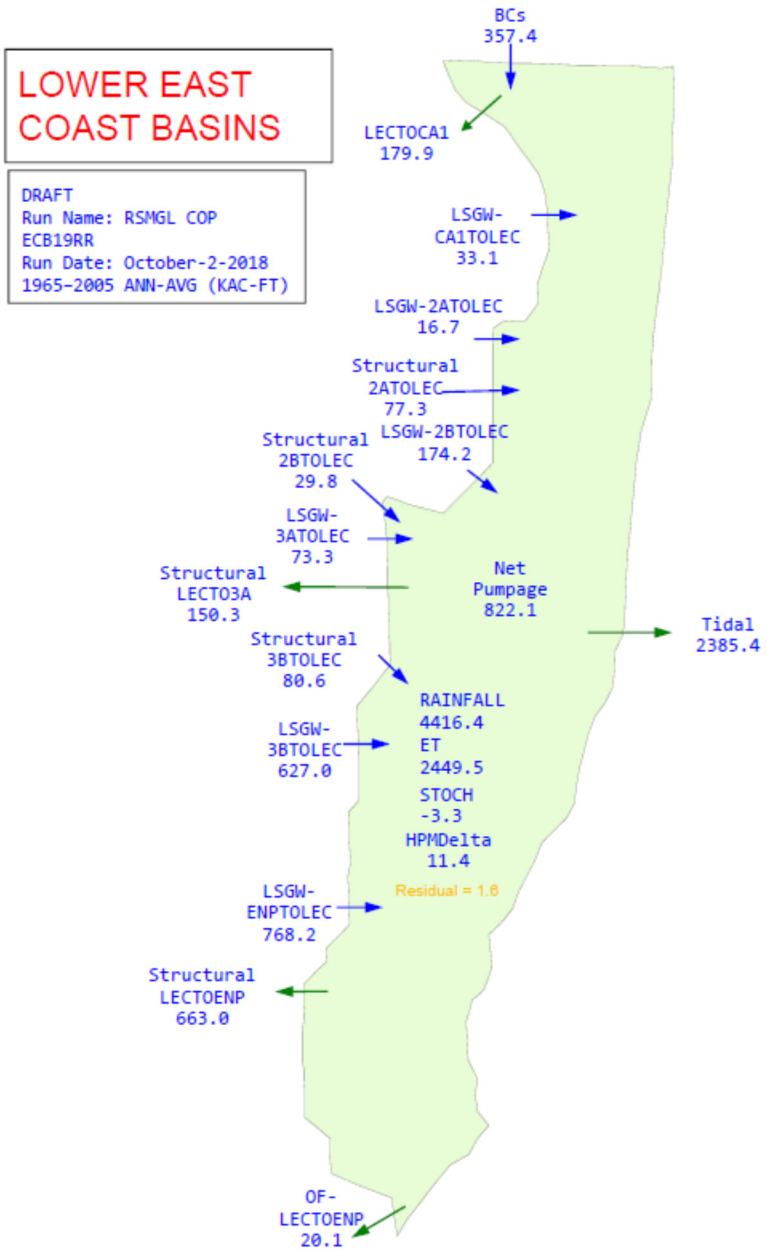

Figure H-5. 16 Annual average water budget for the Lower East Coast for ALTECB19RR.

H-5.1.3 HYDROPERIOD MAPS

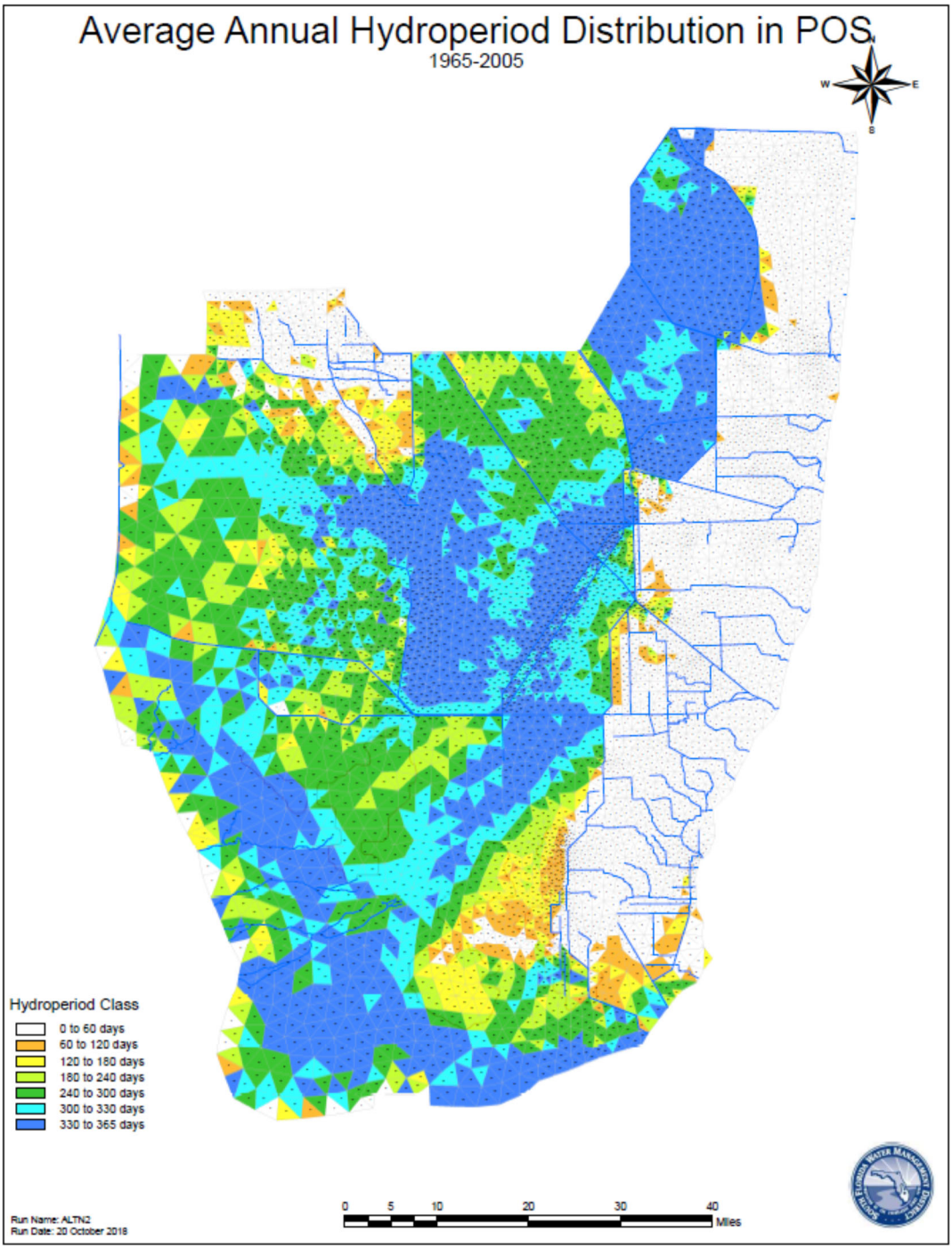

Figure H-5. 17 Average annual hydroperiod for ALTN2.

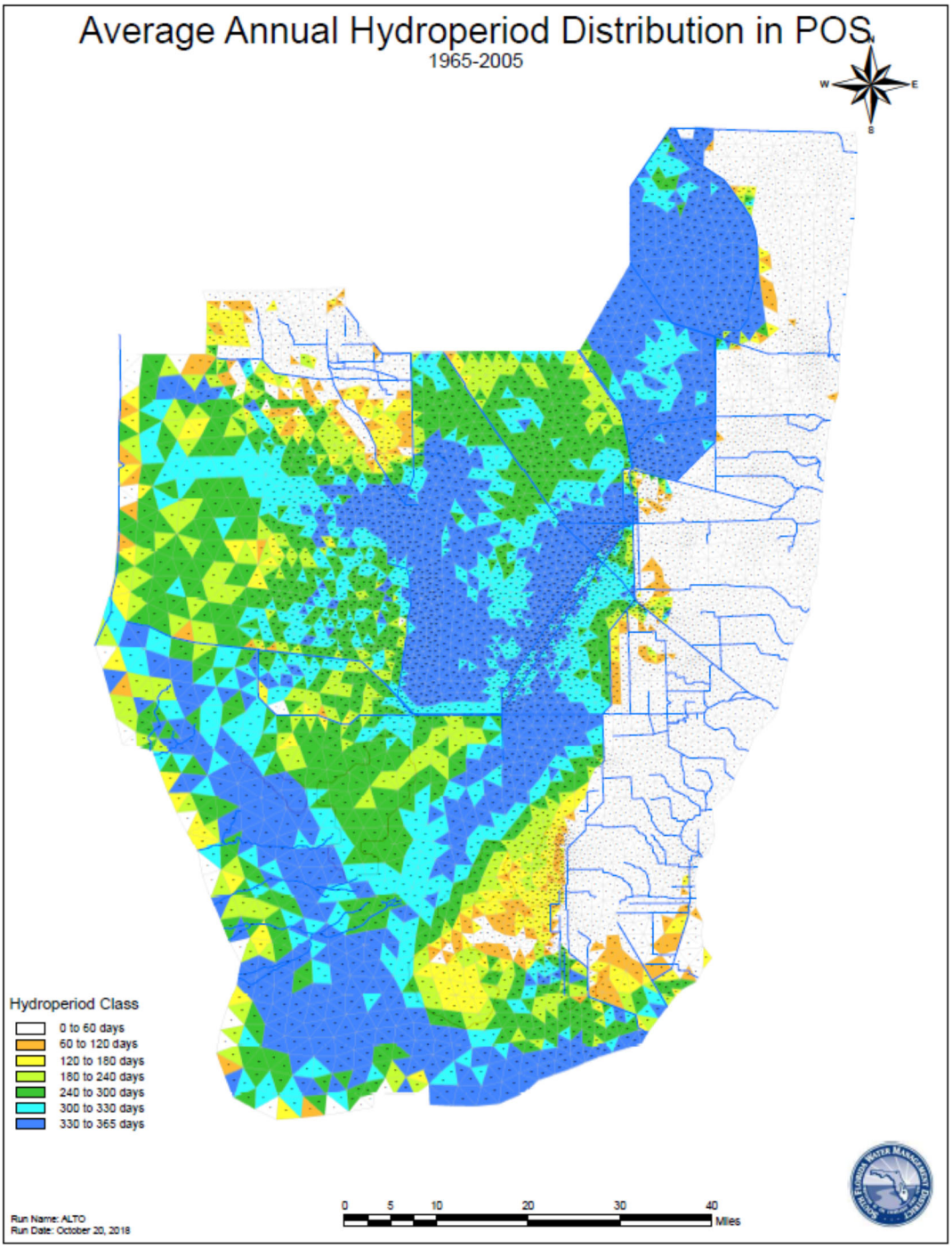

Figure H-5. 18 Average annual hydroperiod for ALTO.

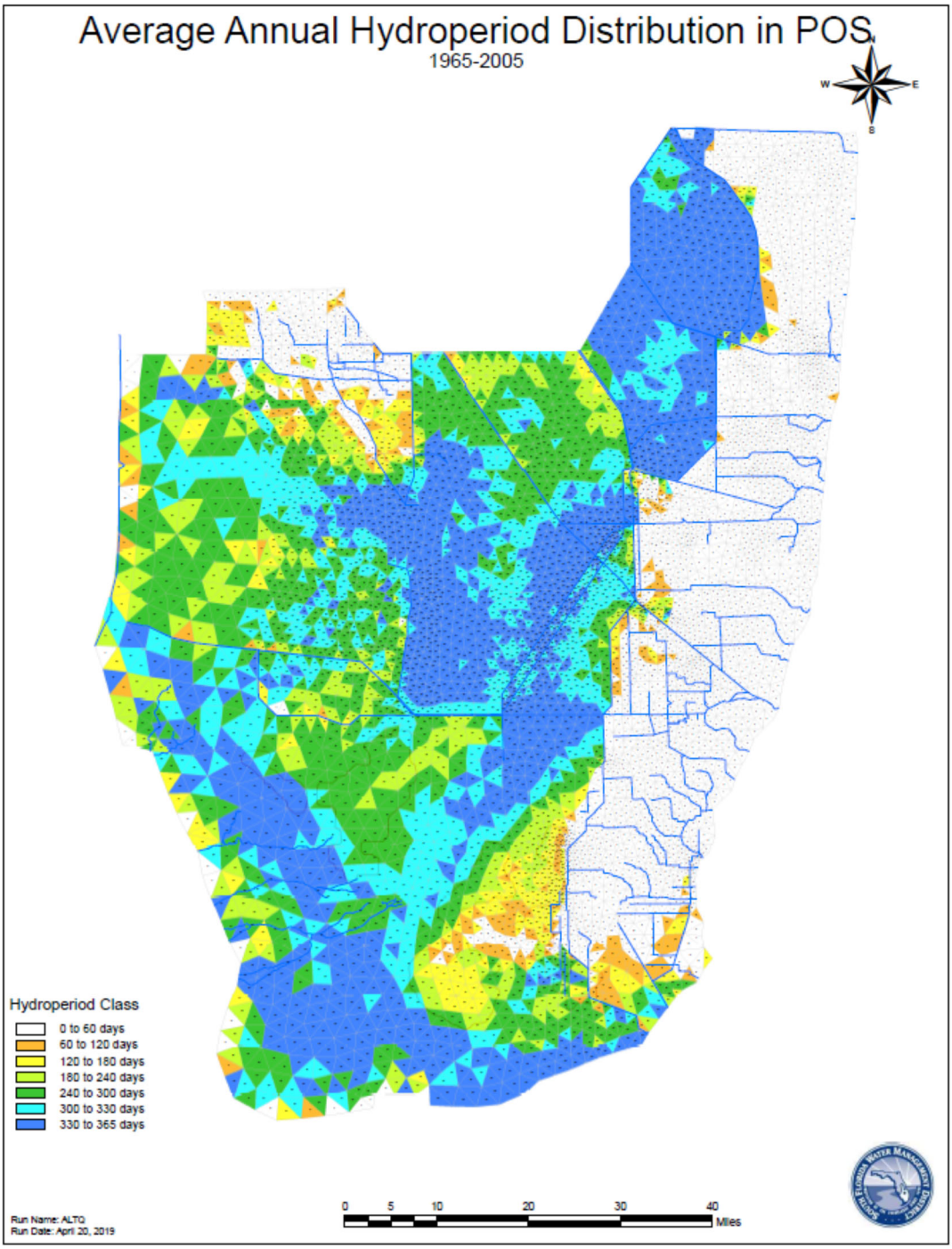

Figure H-5. 19 Average annual hydroperiod for ALTQ.

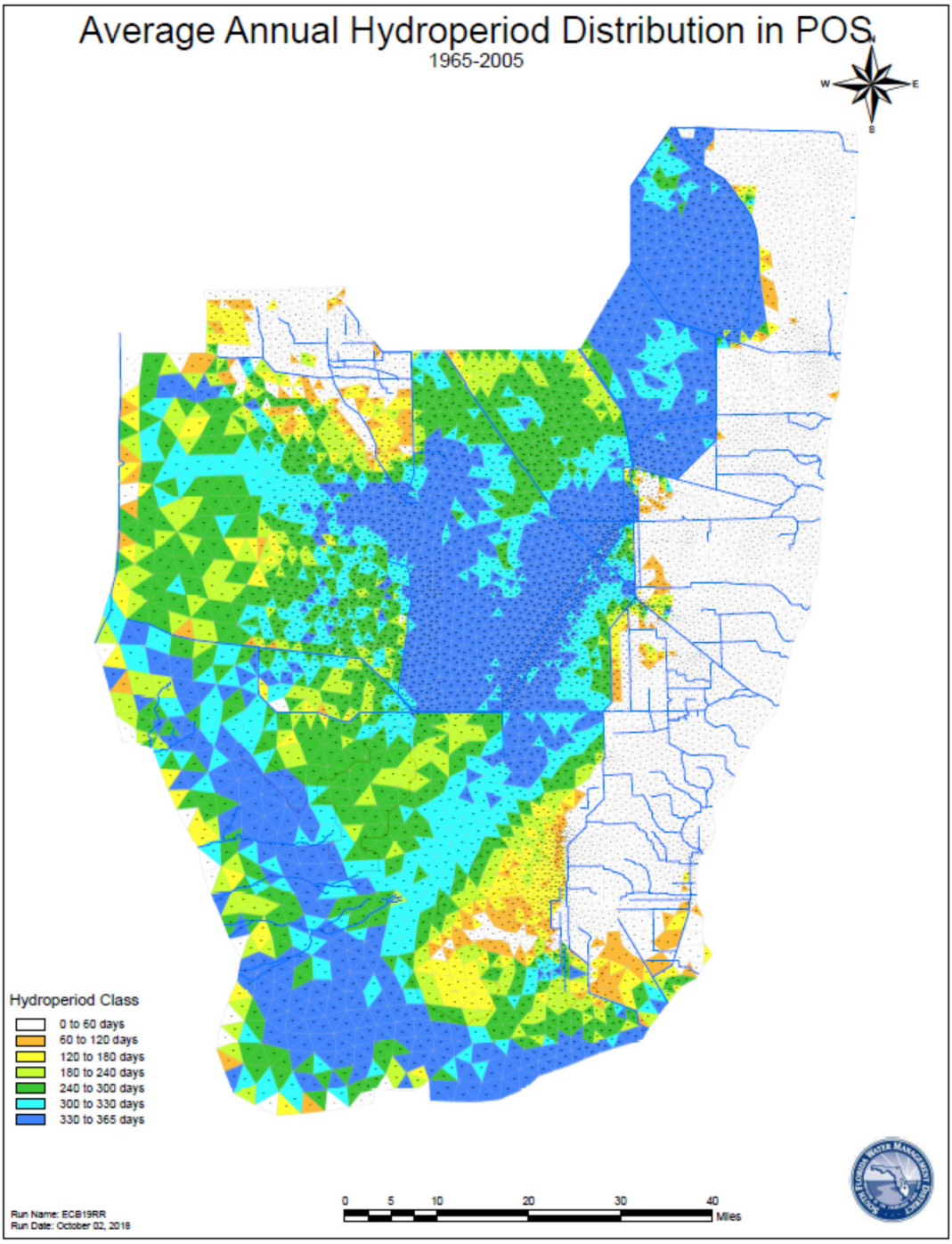

Figure H-5. 20 Average annual hydroperiod for ALTECB19RR.

H-5.1.4 PONDING DEPTH MAPS

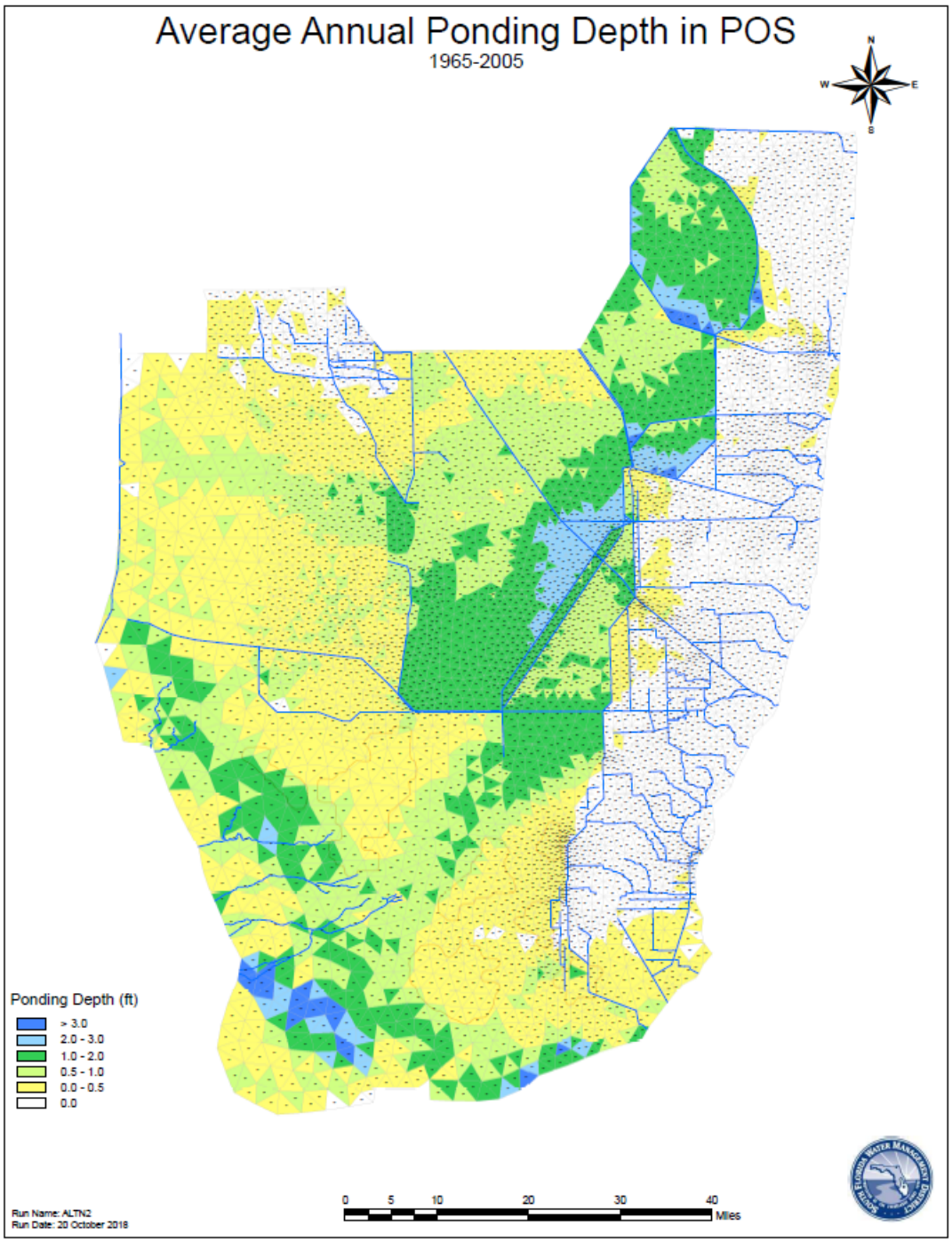

Figure H-5. 21 Average annual ponding depth map for ALTN2.

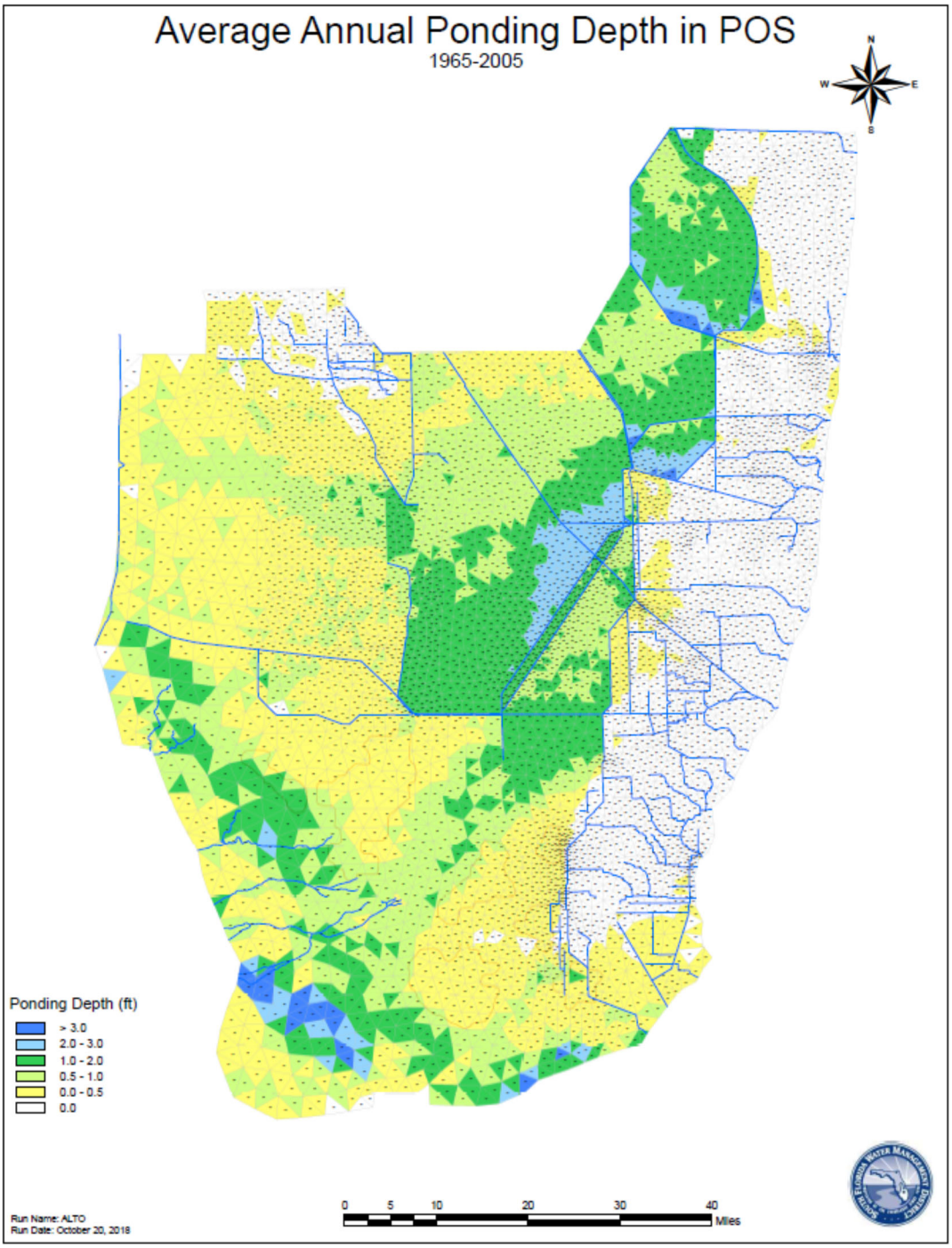

Figure H-5. 22 Average annual ponding depth map for ALTO.

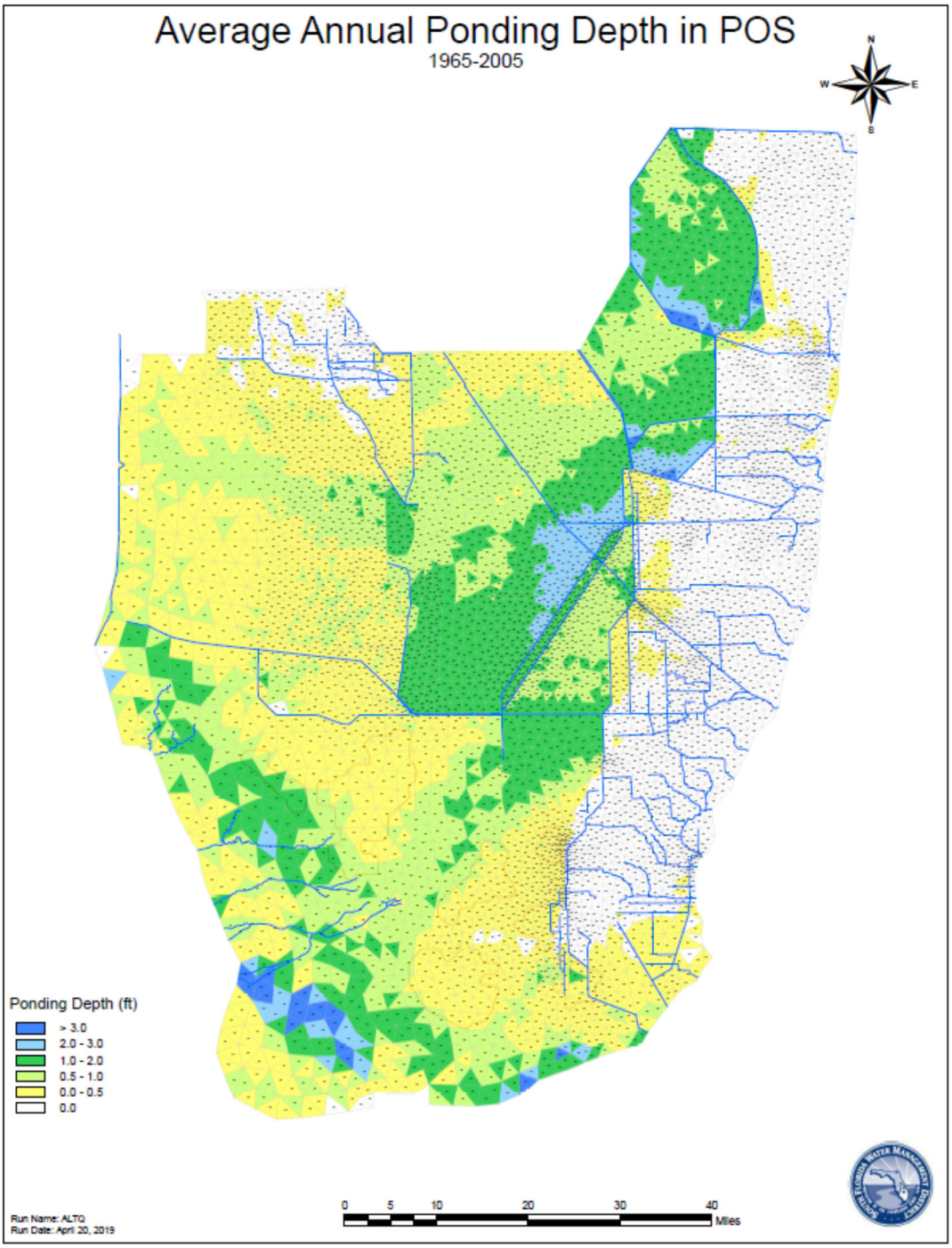

Figure H-5. 23 Average annual ponding depth map for ALTQ.

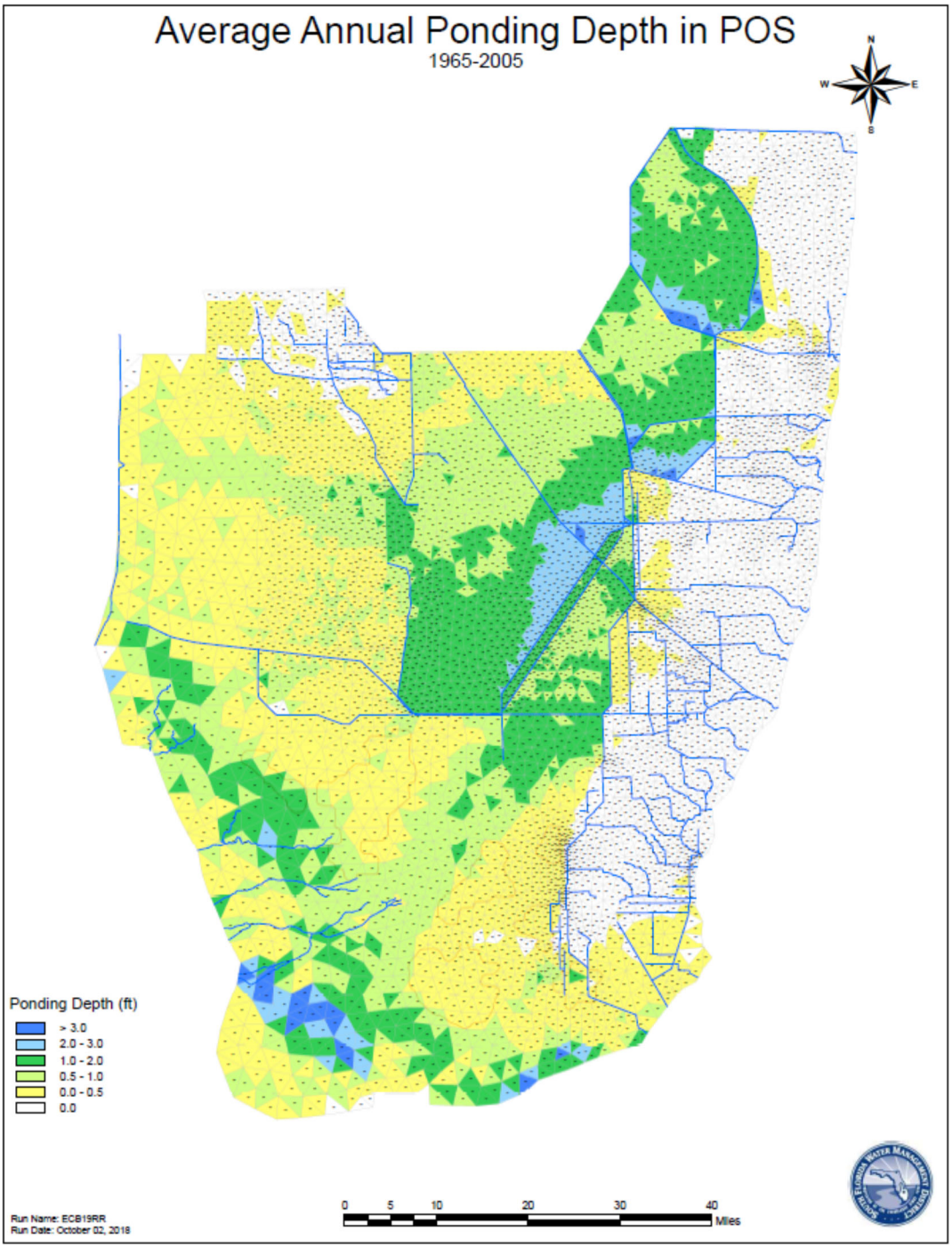

Figure H-5. 24 Average annual ponding depth map for ECB19RR Base.

H-5.1.5 HYDROPERIOD DIFFERENCE MAPS

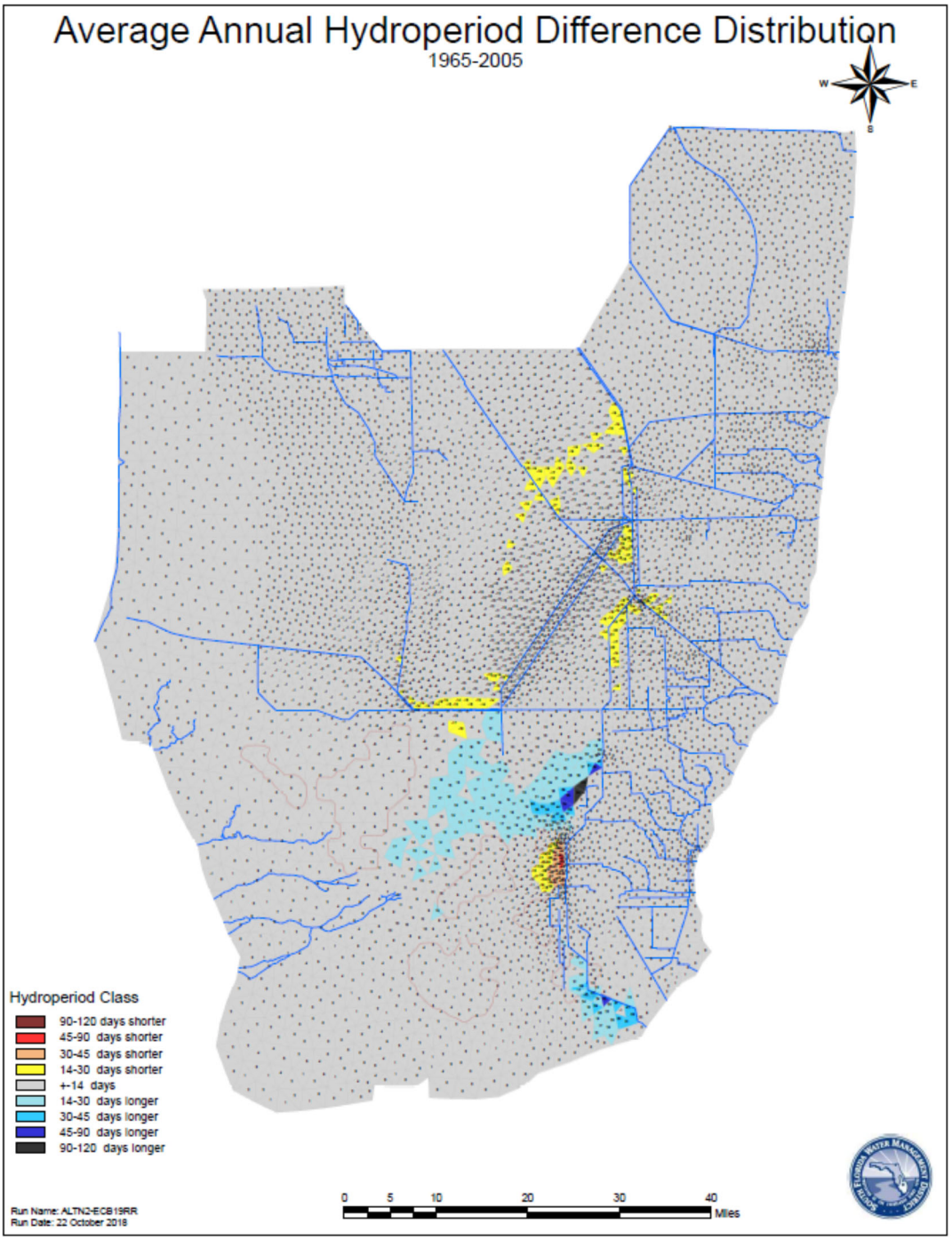

Figure H-5. 25 Differences in average annual hydroperiods for ALTN2 from ECB19RR Base.

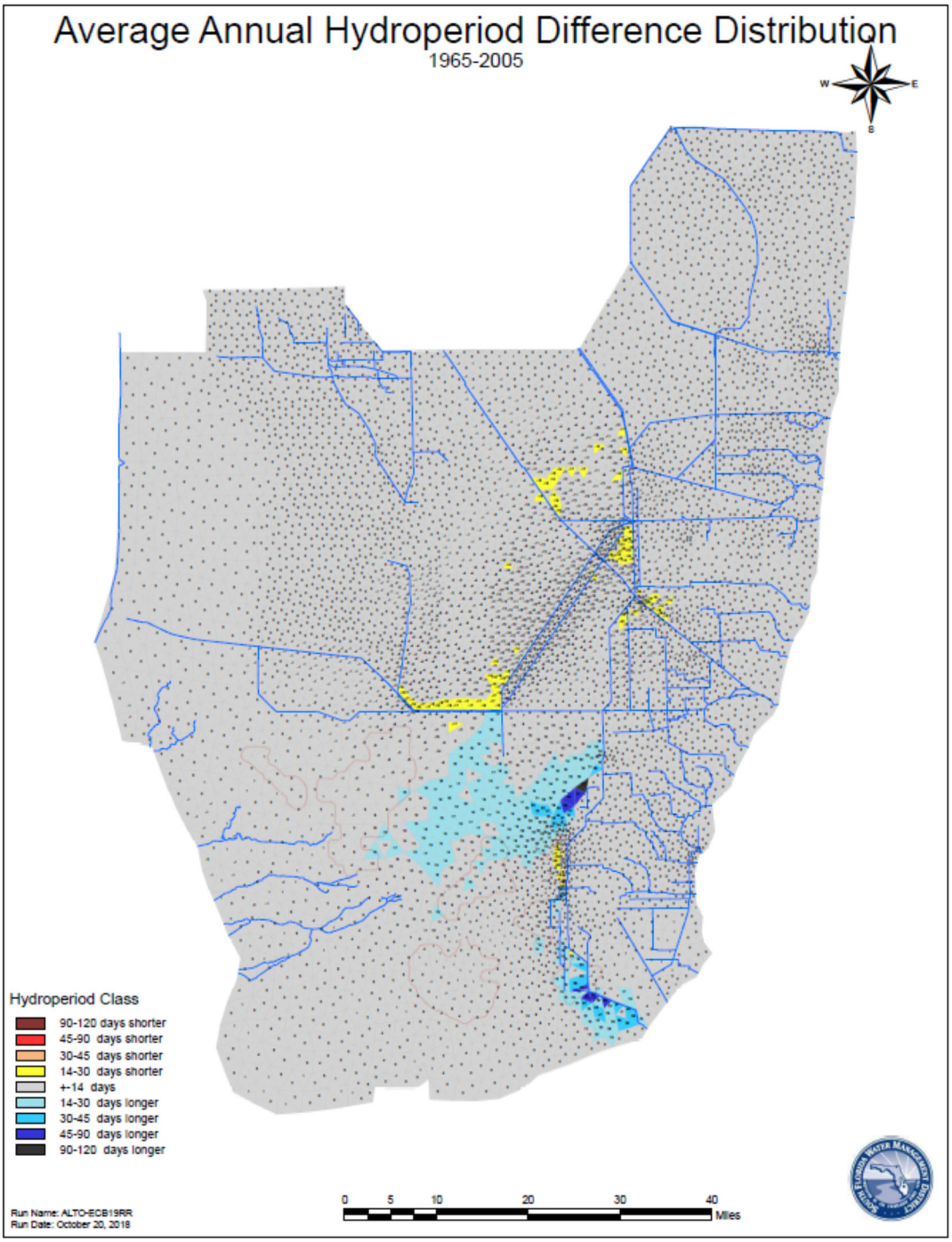

Figure H-5. 26 Differences in average annual hydroperiods for ALTO from ECB19RR Base.

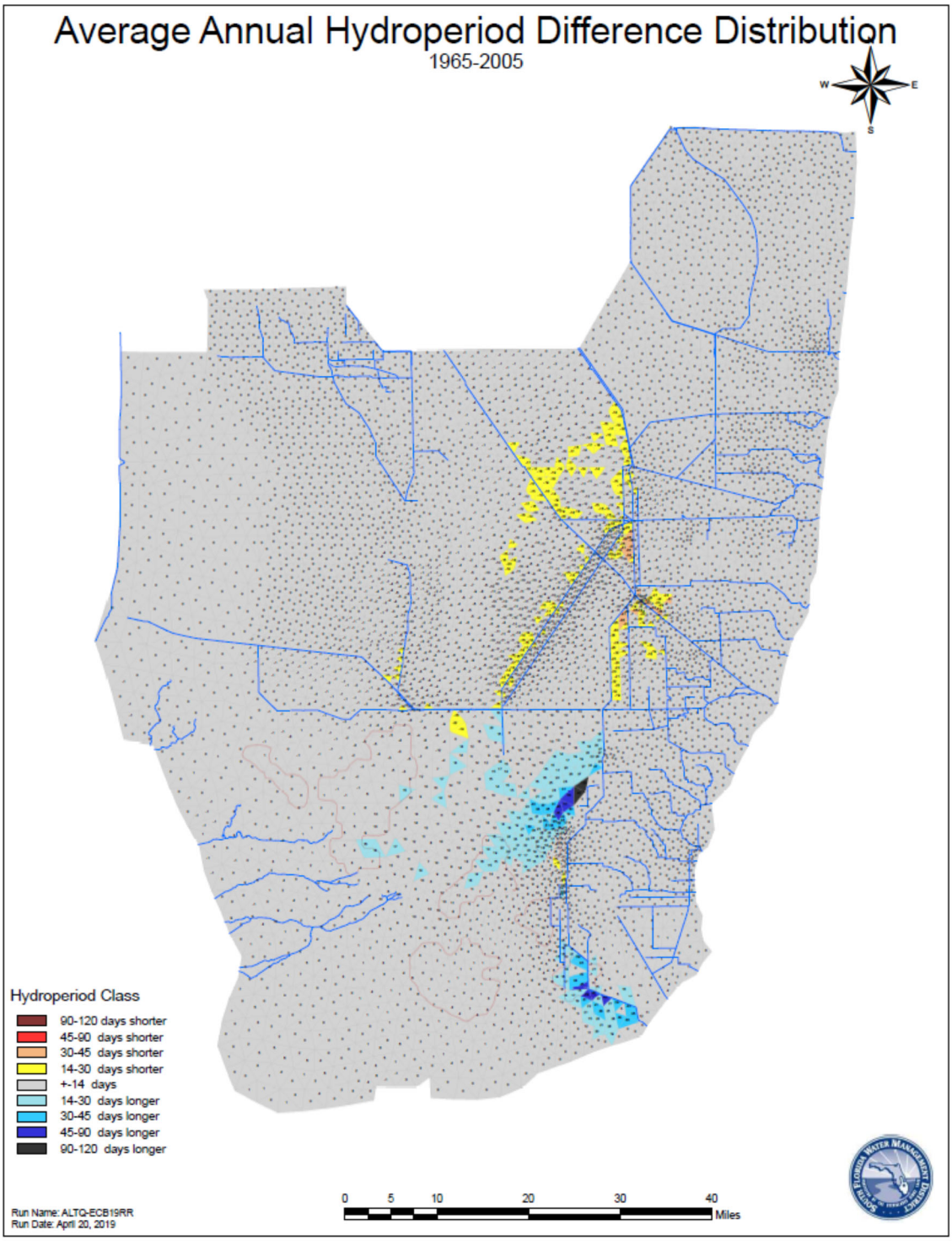

Figure H-5. 27. Differences in average annual hydroperiods for ALTQ from ECB19RR Base.

H-5.1.6 HYDROPERIOD DIFFERENCE MAPS FOR 1989 (DRY YEAR)

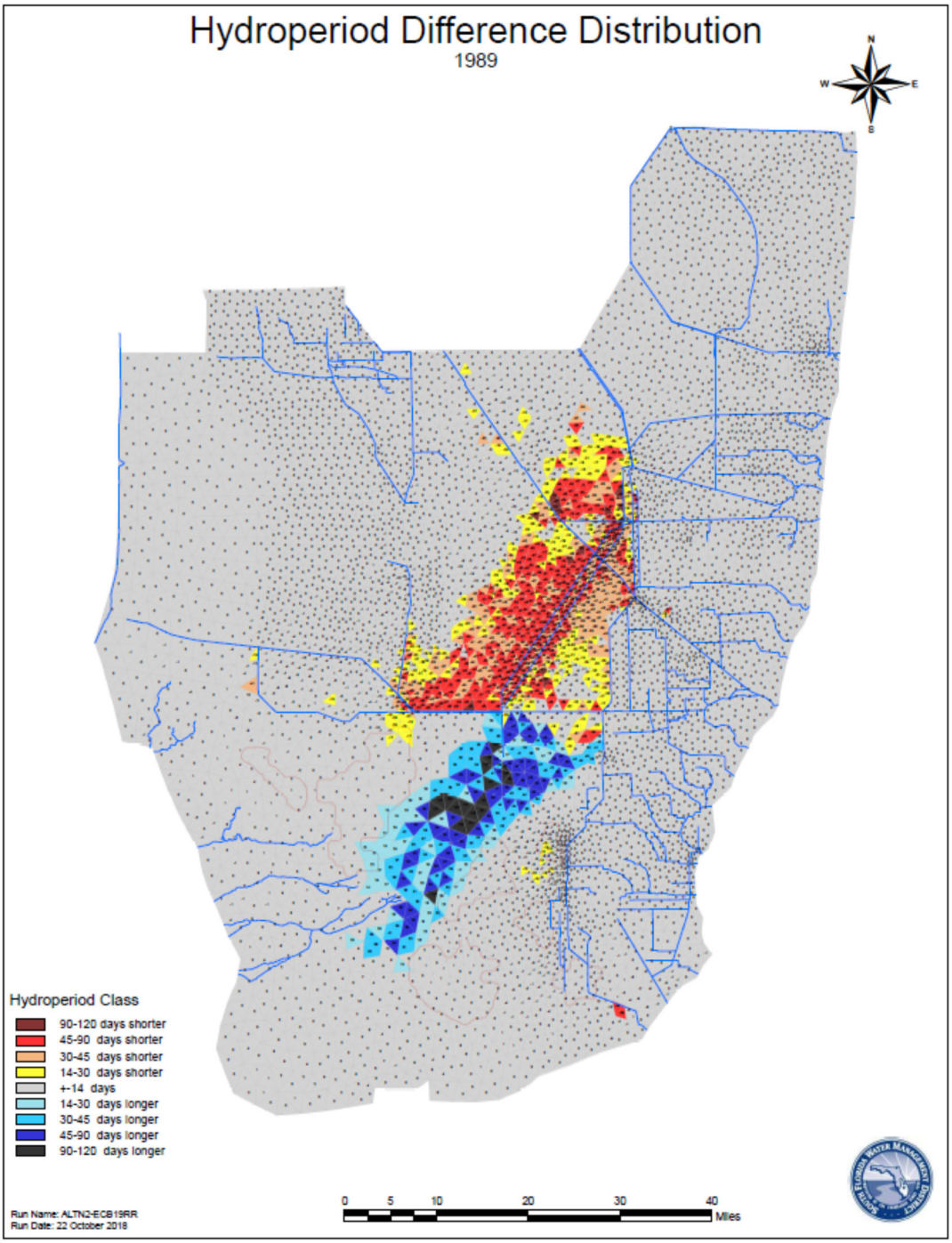

Figure H-5. 28. Differences in 1989 hydroperiods between ALTN2 and ECB19RR Base.

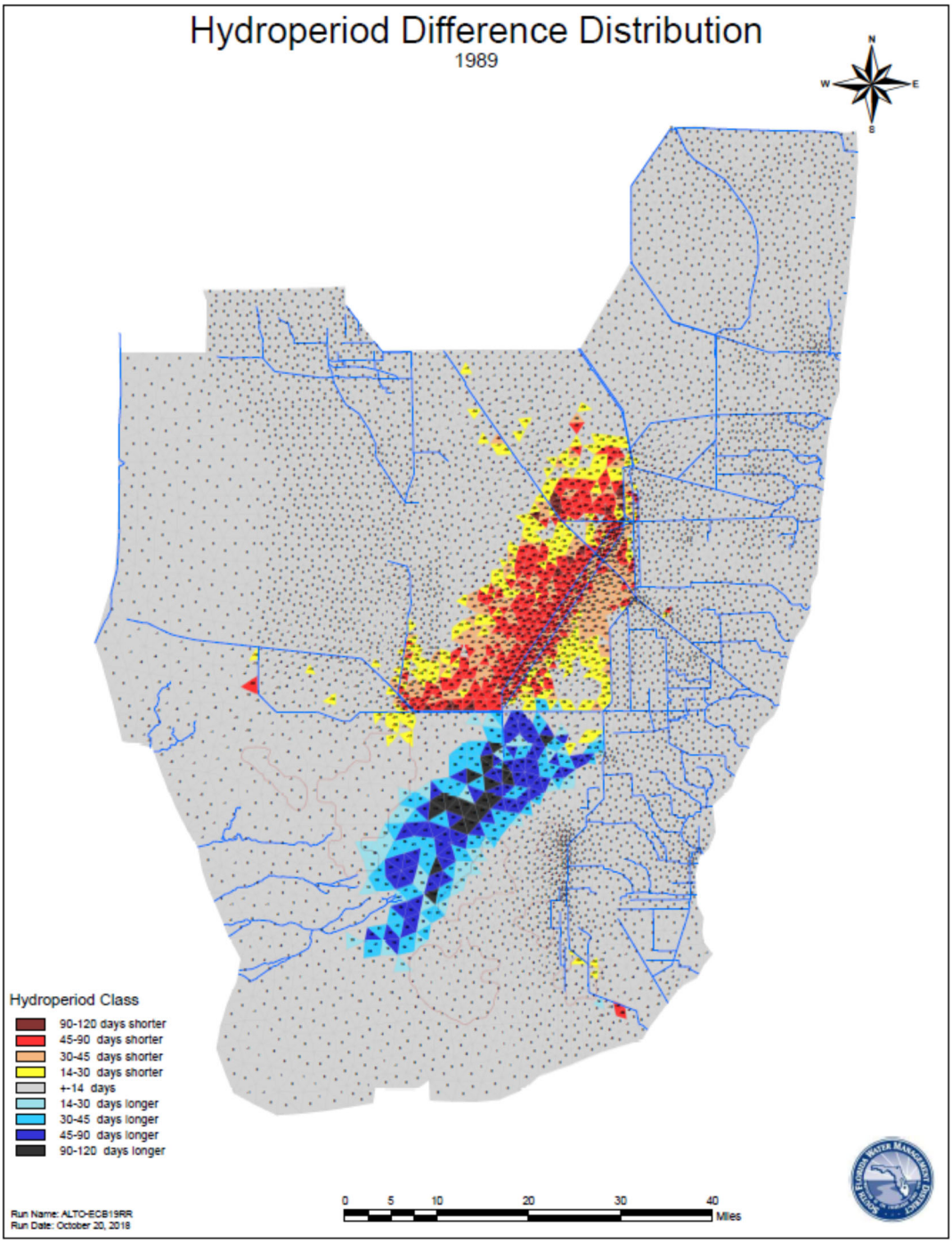

Figure H-5. 29. Differences in 1989 hydroperiods between ALTO and ECB19RR Base.

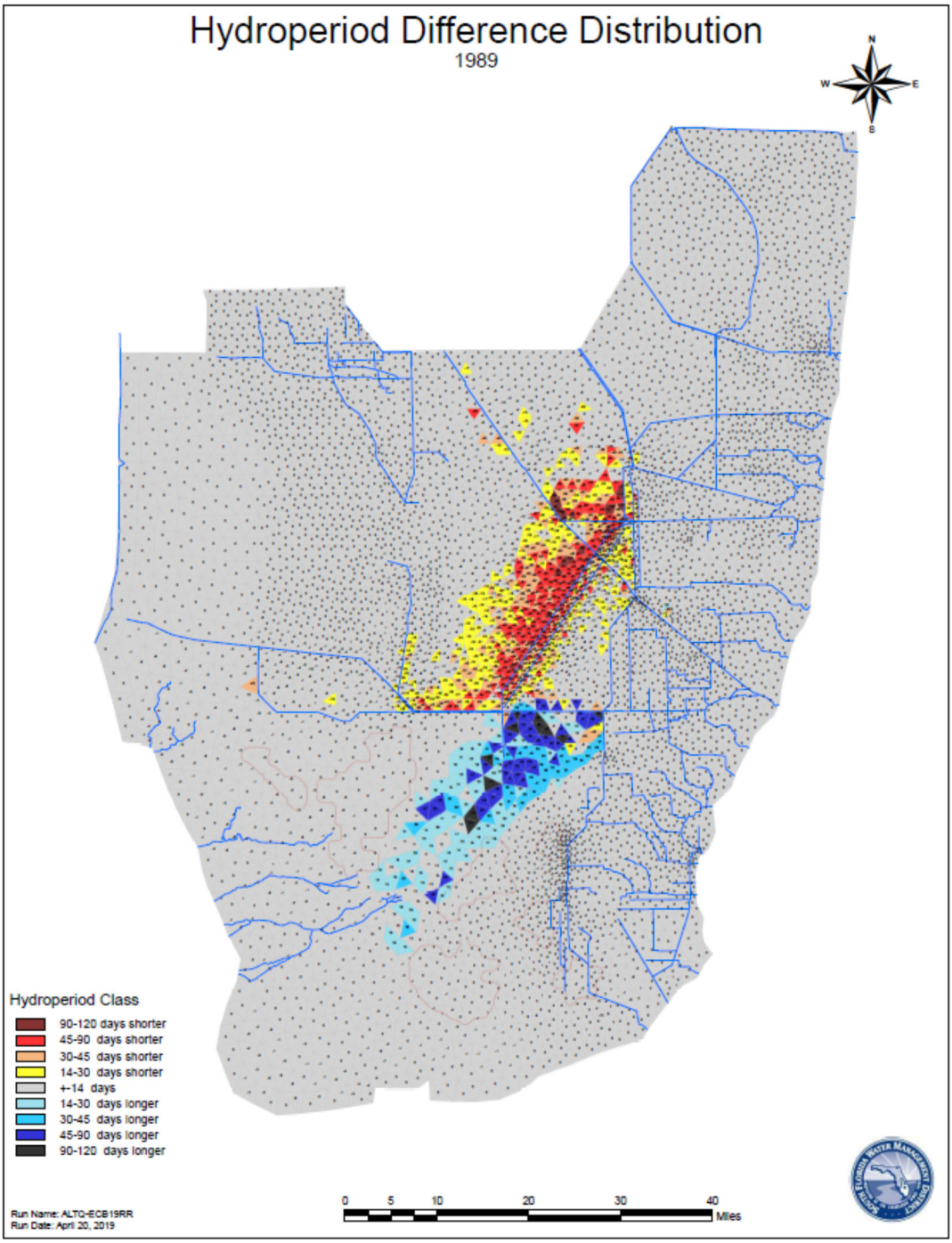

Figure H-5. 30. Differences in 1989 hydroperiods between ALTQ and ECB19RR Base.

H-5.1.7 HYDROPERIOD DIFFERENCE MAPS FOR 1995 (WET YEAR)

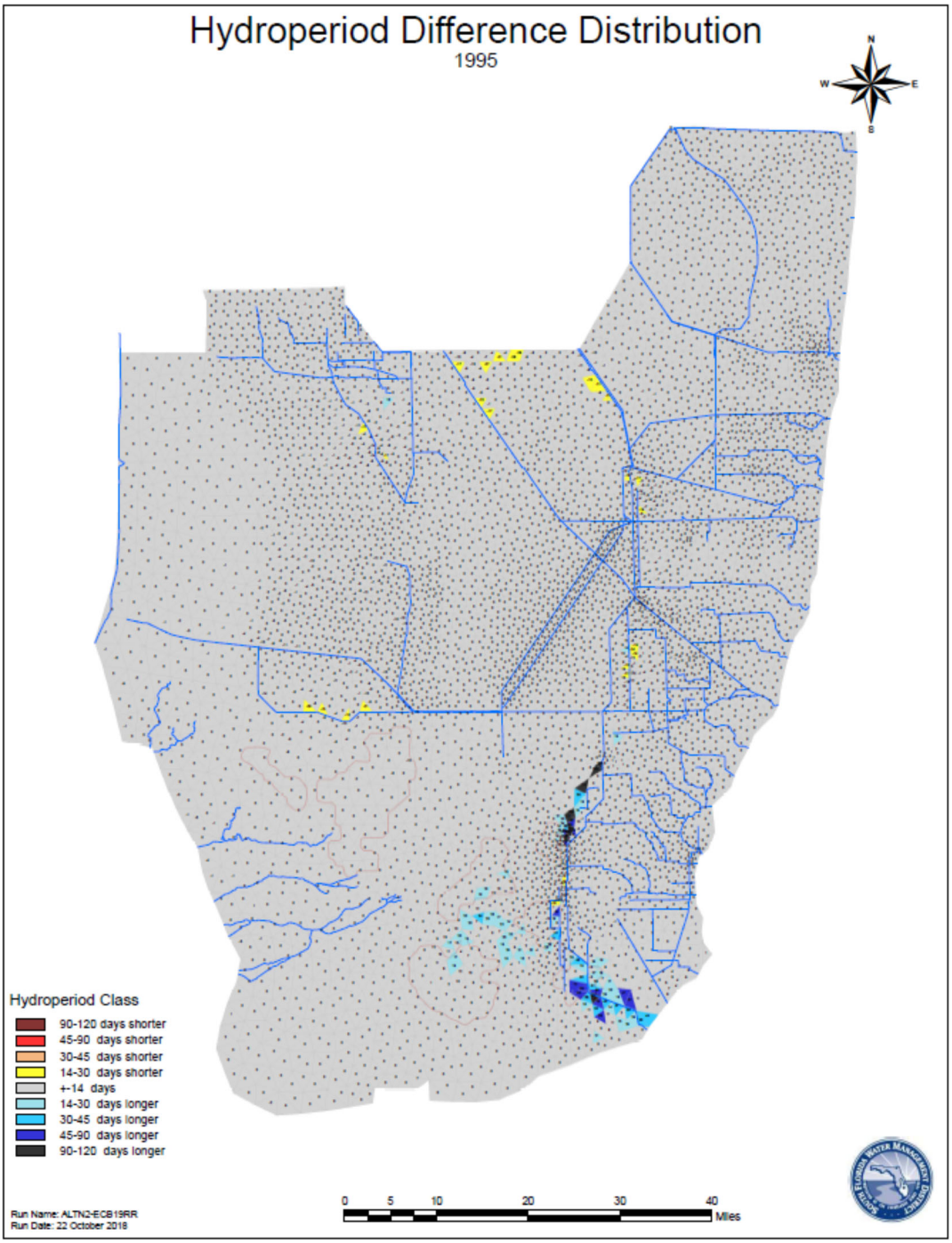

Figure H-5. 31. Differences in 1995 hydroperiods between ALTN2 and ECB19RR Base.

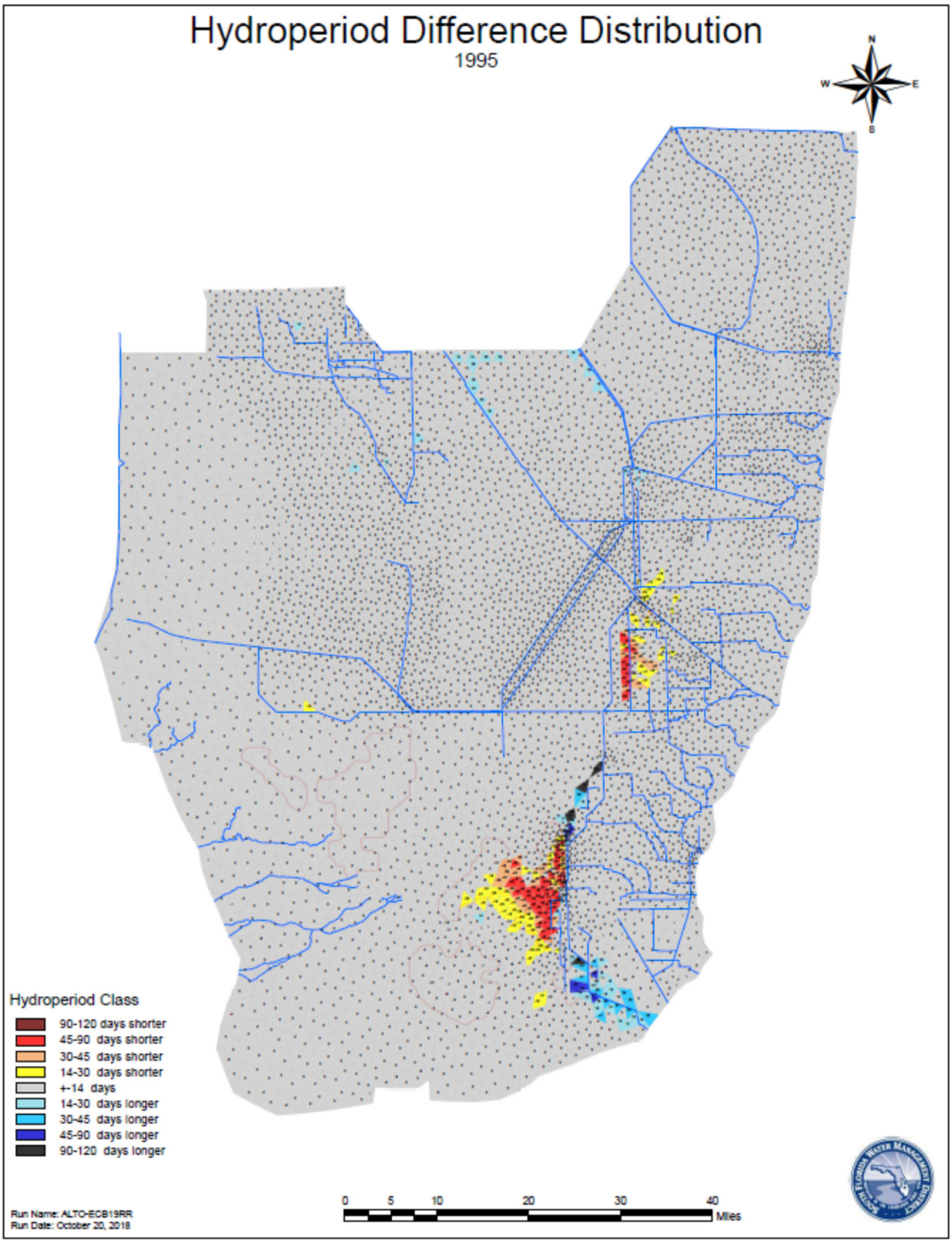

Figure H-5. 32. Differences in 1995 hydroperiods between ALTO and ECB19RR Base.

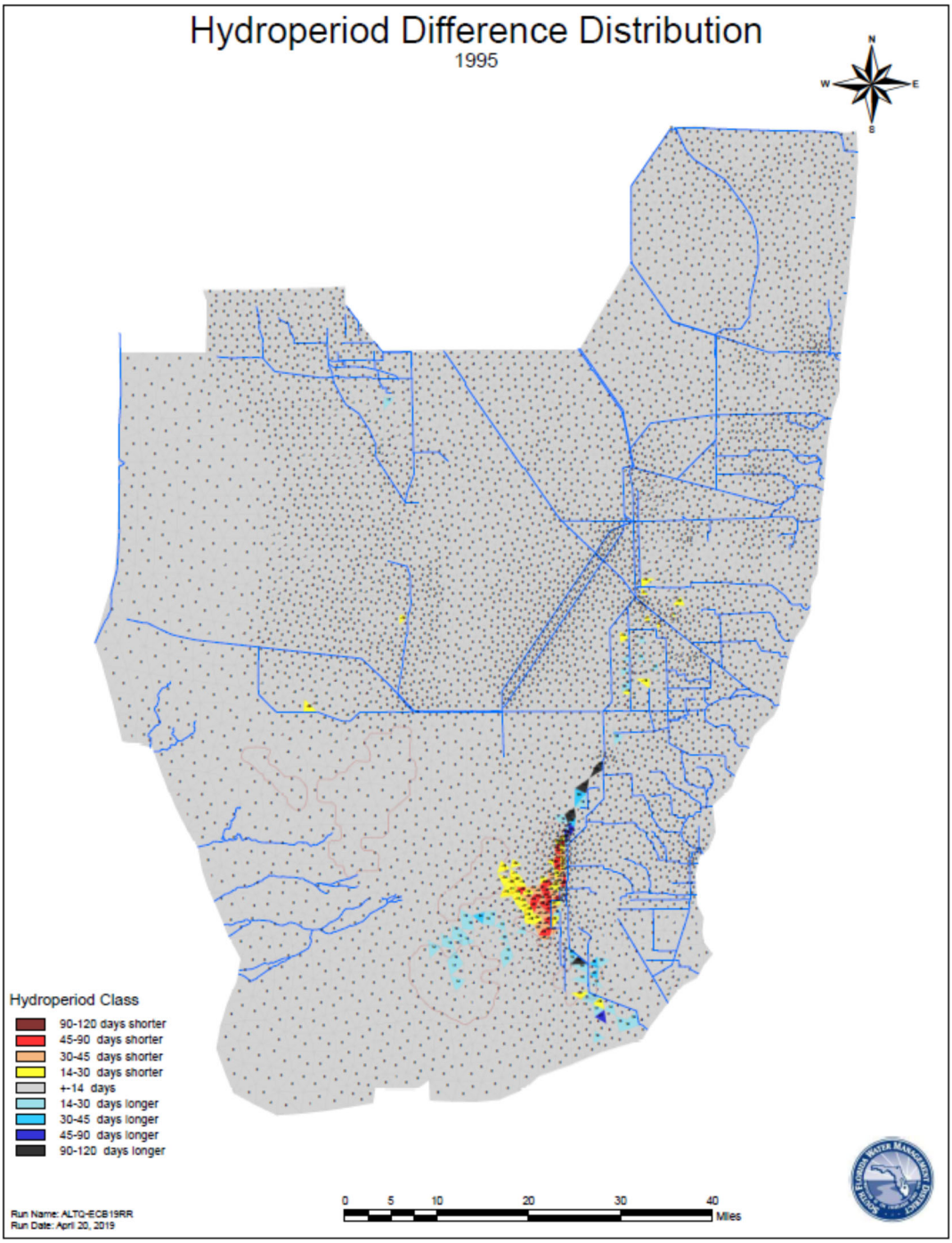

Figure H-5. 33. Differences in 1995 hydroperiods between ALTQ and ECB19RR Base.

H-5.1.8 STAGE DIFFERENCE MAPS

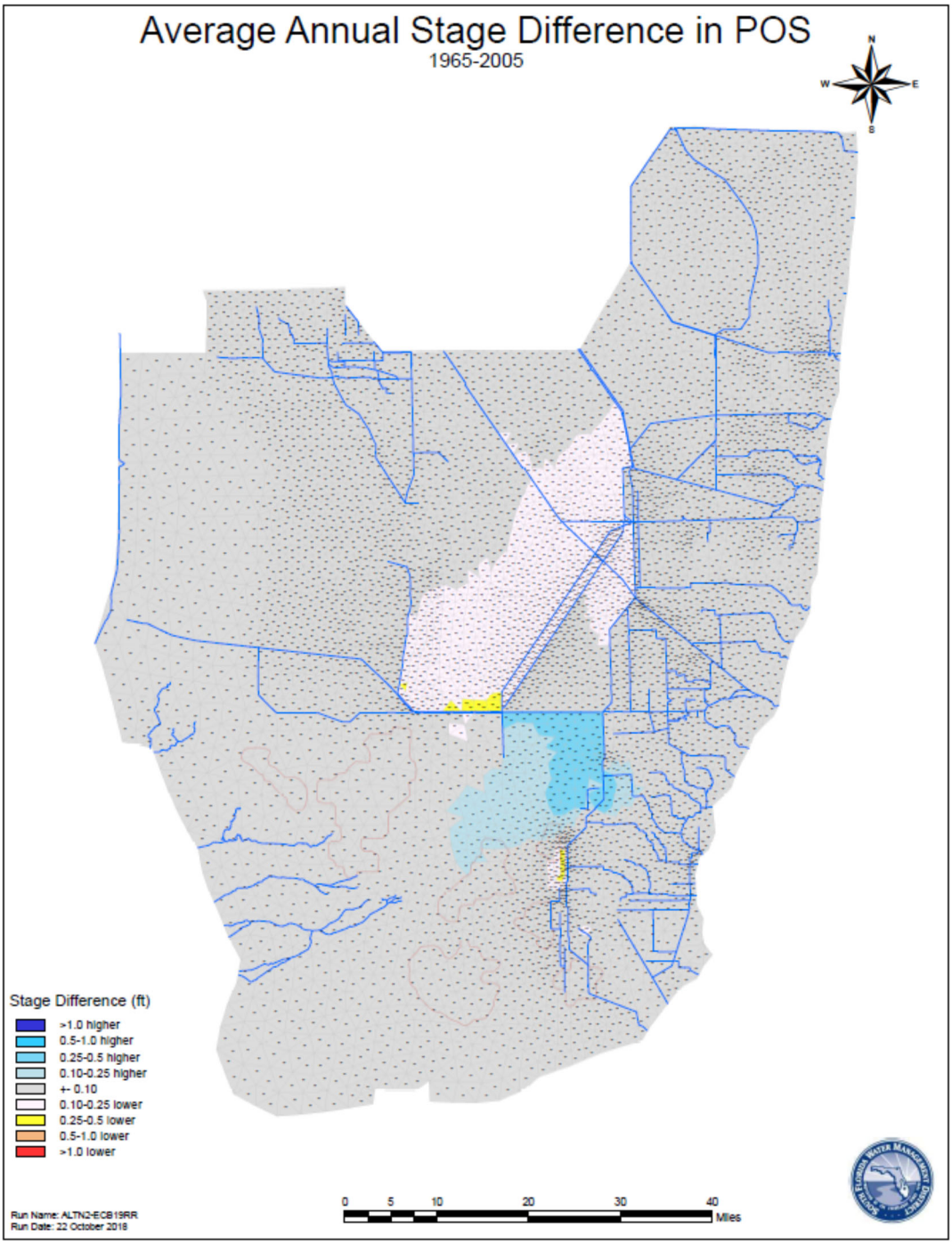

Figure H-5. 34 Differences in average annual stages for ALTN2 from ECB19RR Base.

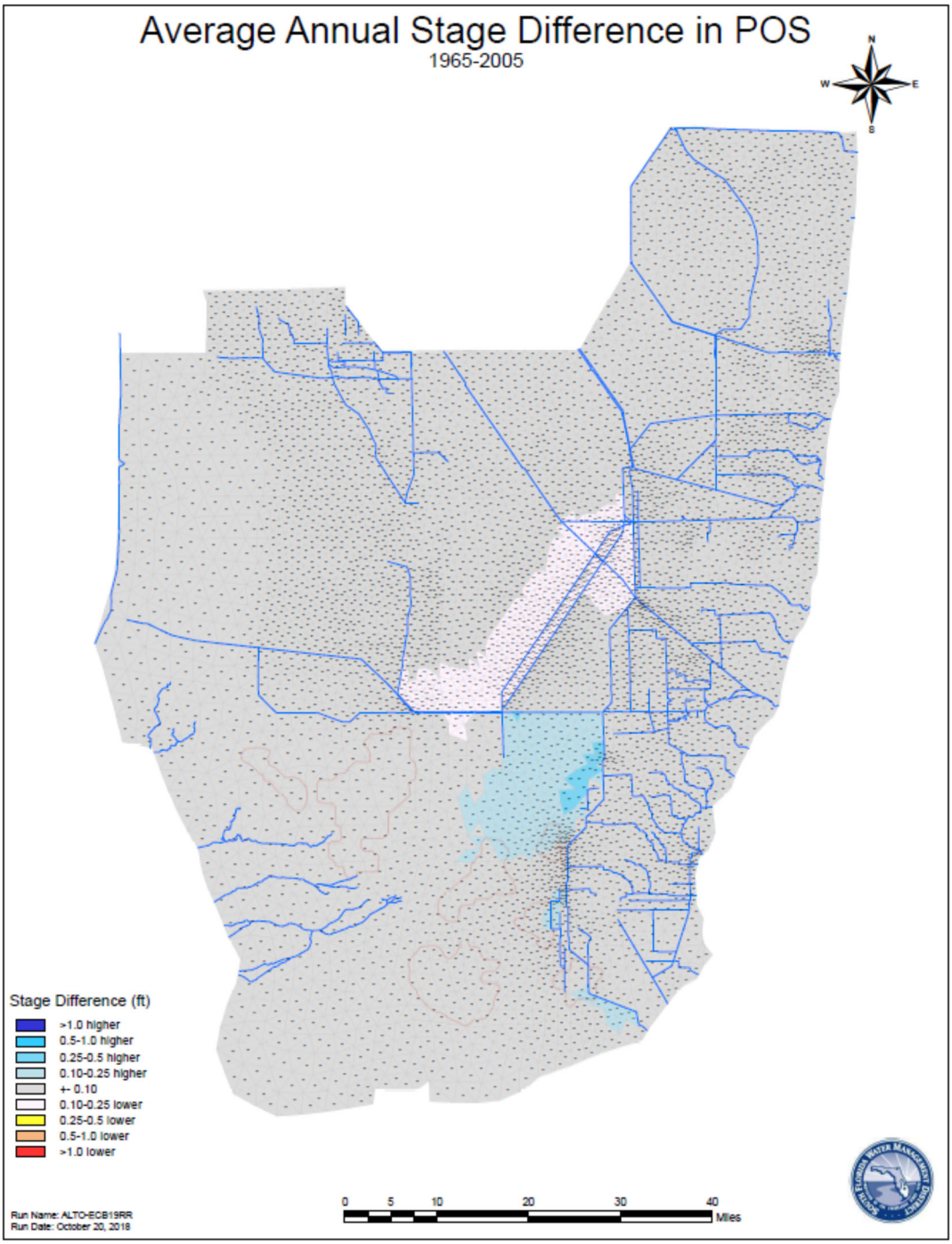

Figure H-5. 35 Differences in average annual stages for ALTO from ECB19RR Base.

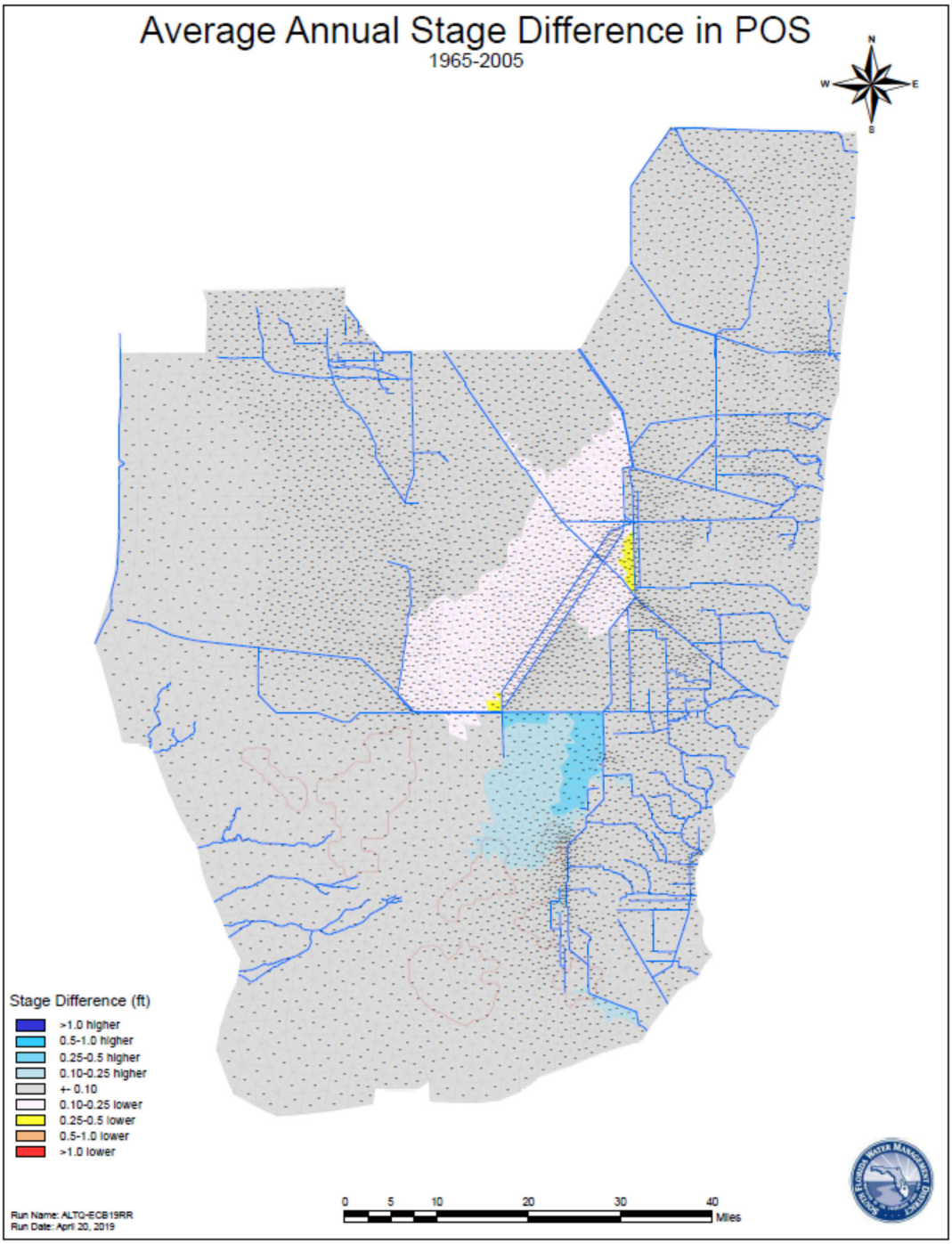

Figure H-5. 36 Differences in average annual stages for ALTQ from ECB19RR Base.

H-5.1.9 AVERAGE APRIL STAGE DIFFERENCES FOR 1978, 1989, 1995, AND 2001

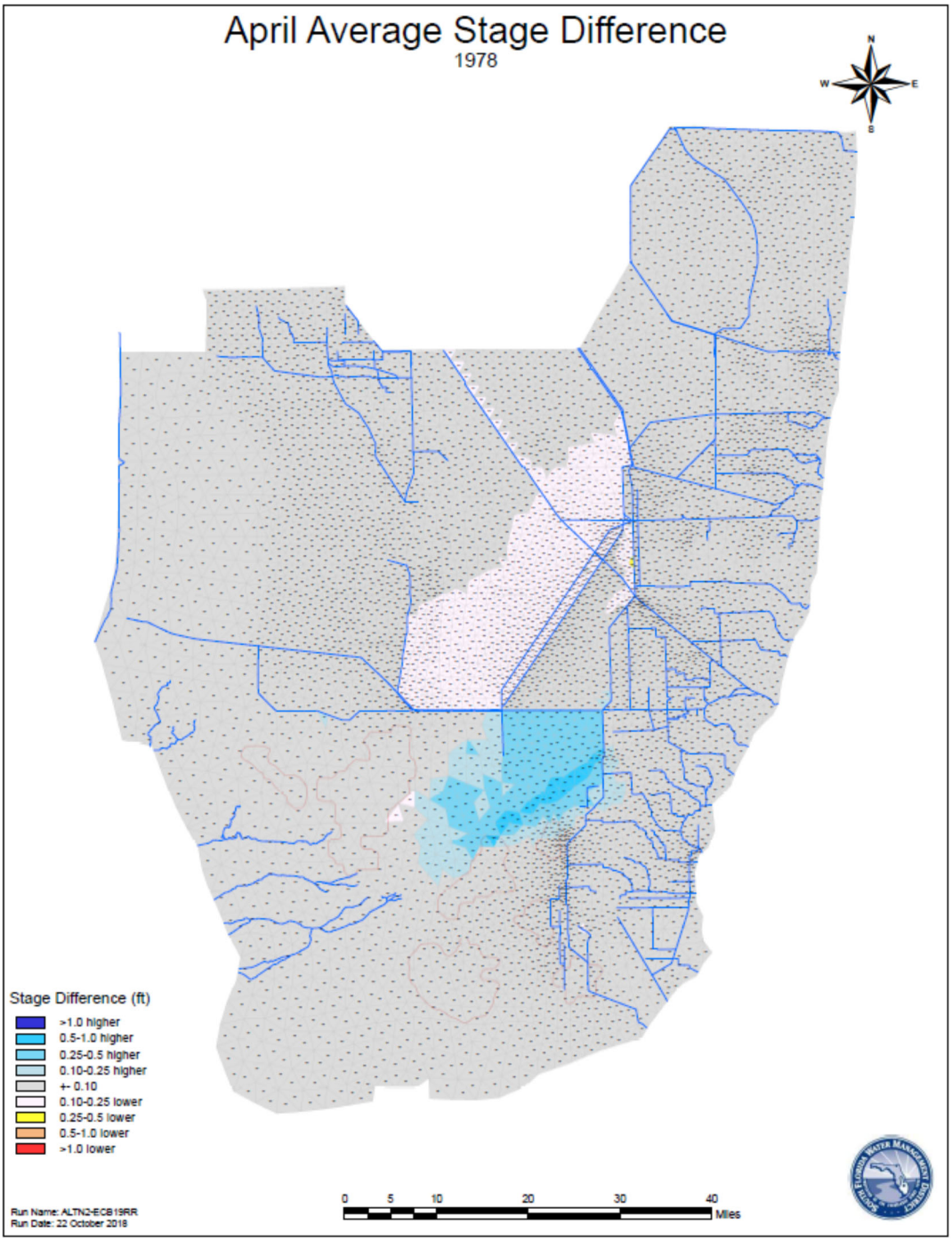

Figure H-5. 37 Differences in average stages for ALTN2 from ECB19RR Base for April 1978 conditions.

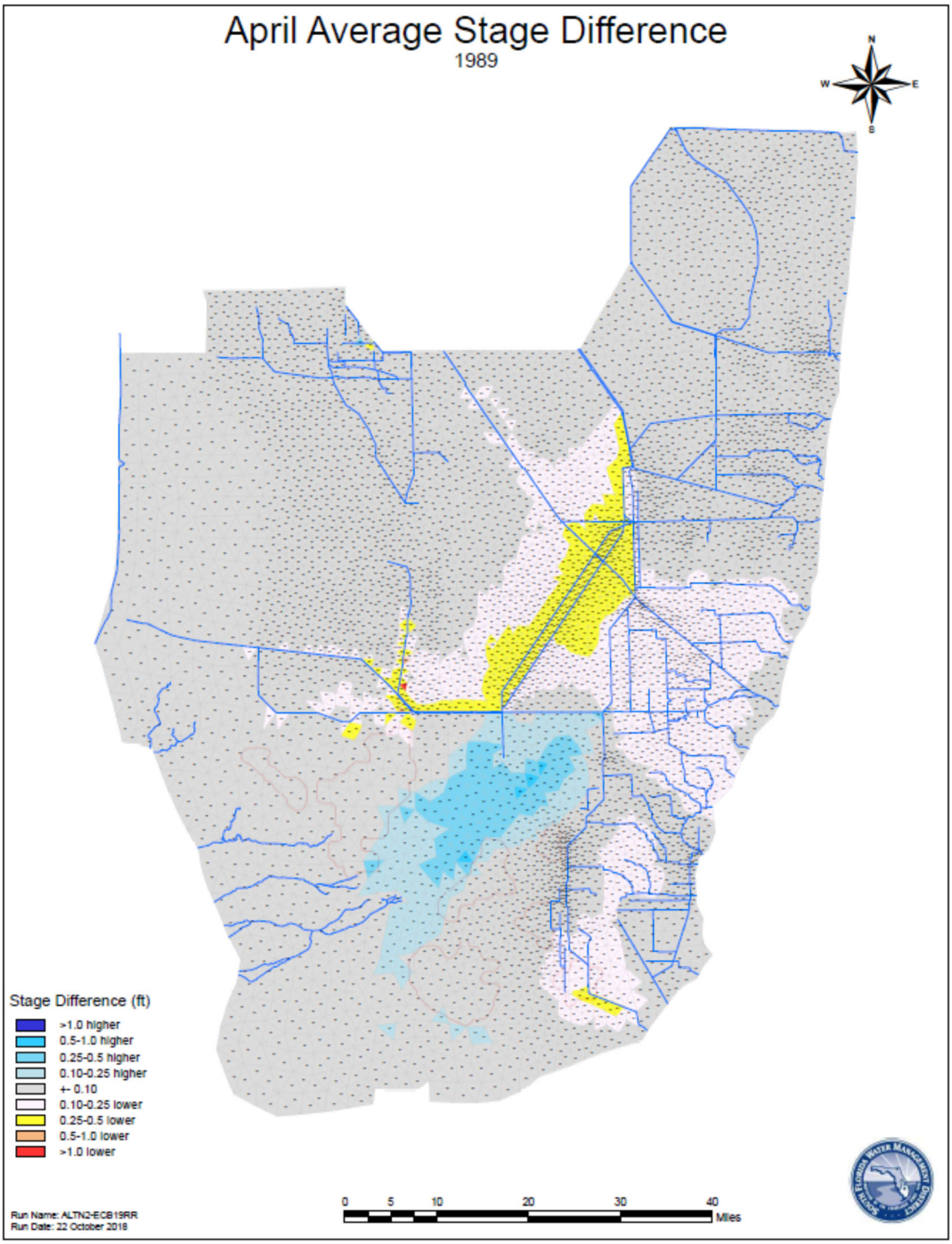

Figure H-5. 38 Differences in average stages for ALTN2 from ECB19RR Base for April 1989 conditions.

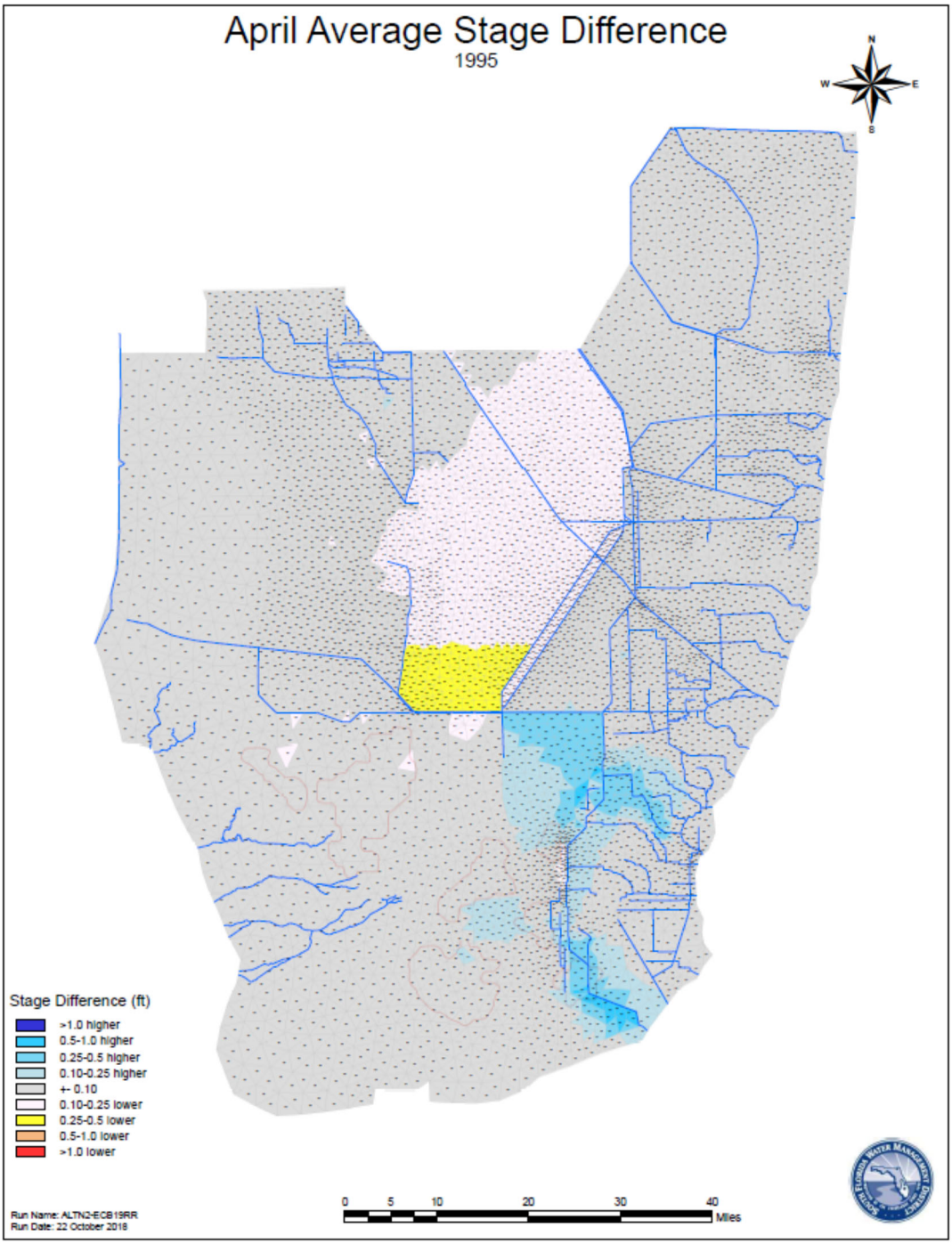

Figure H-5. 39 Differences in average stages for ALTN2 from ECB19RR Base for April 1995 conditions.

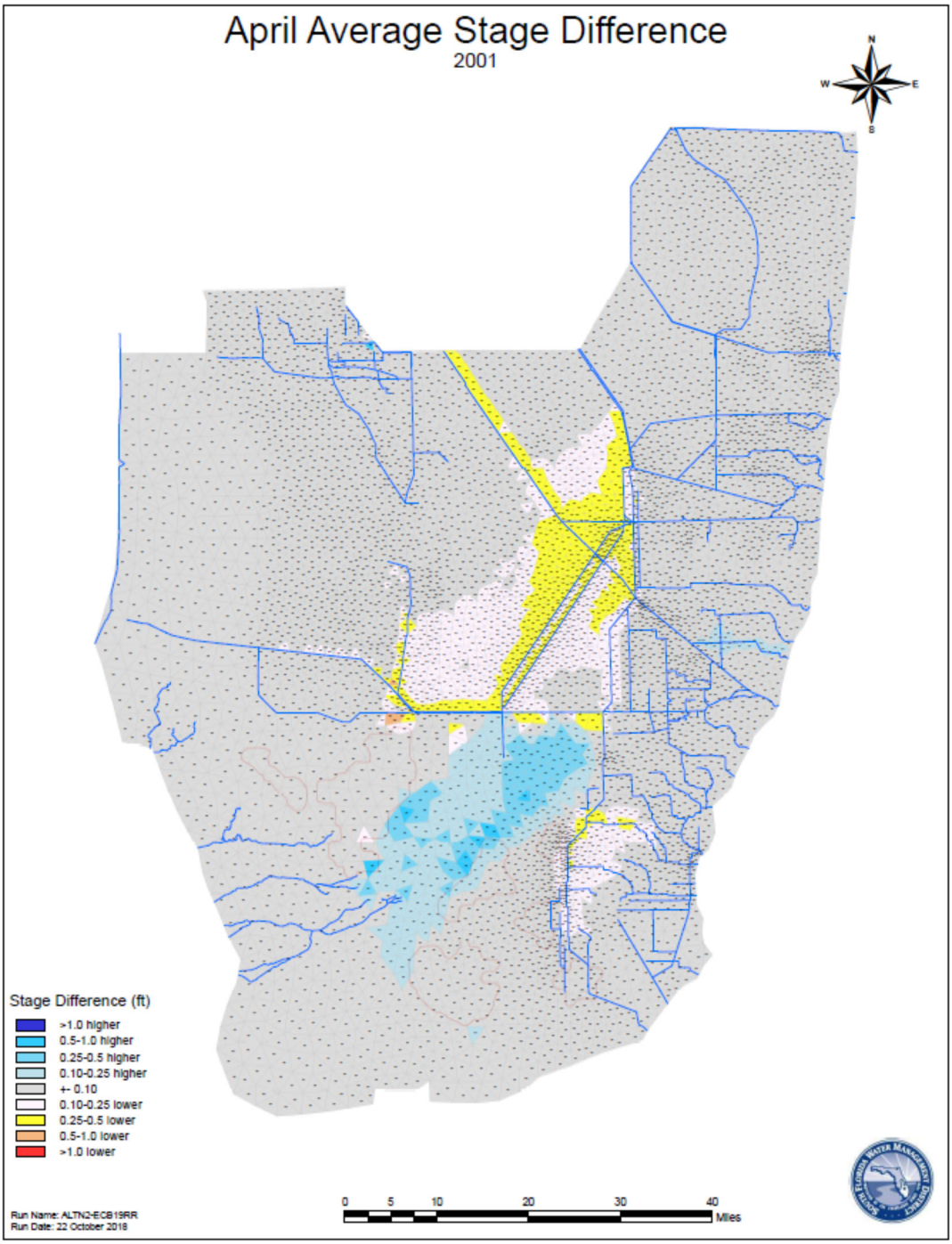

Figure H-5. 40 Differences in average stages for ALTN2 from ECB19RR Base for April 2001 conditions.

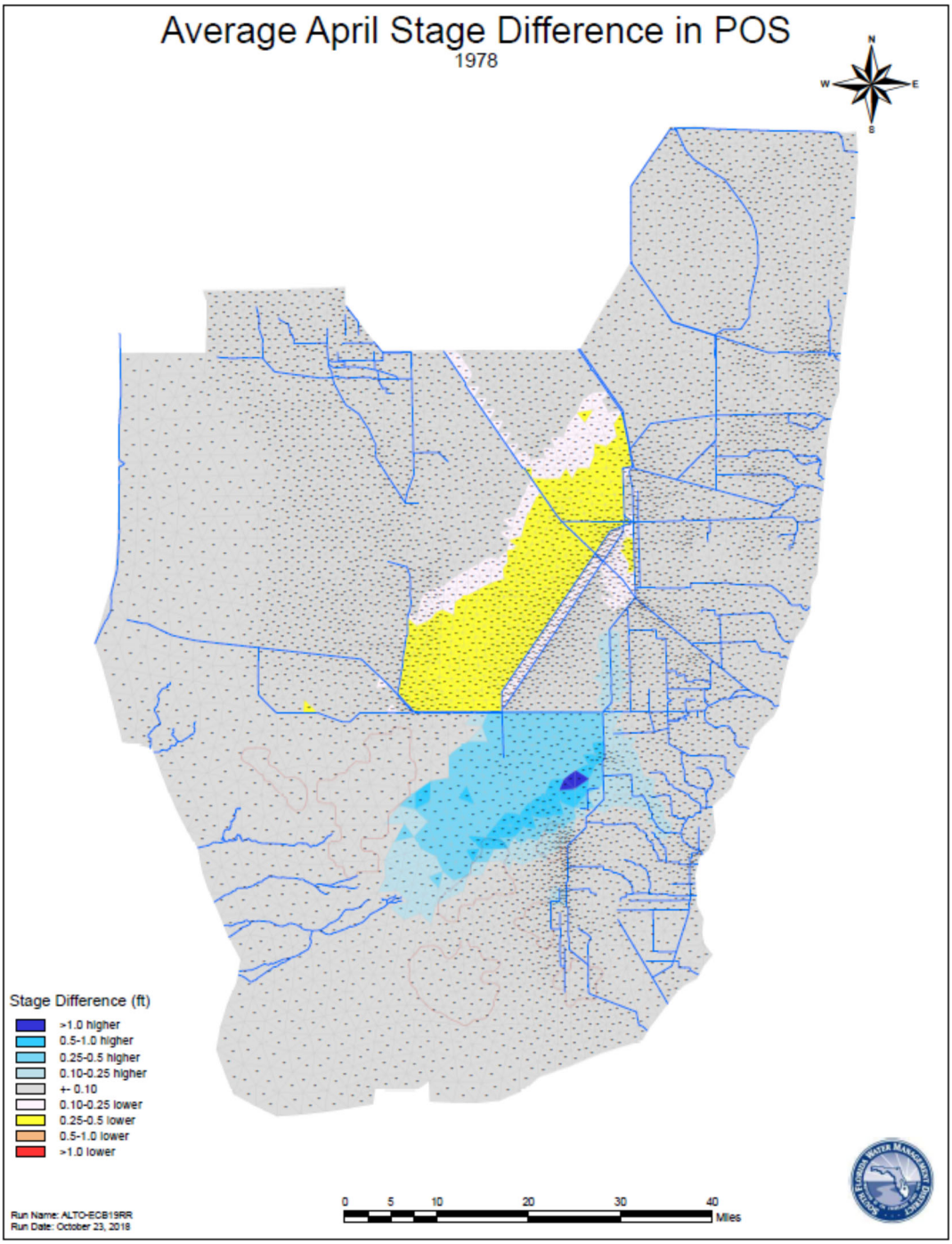

Figure H-5. 41 Differences in average stages for ALTO from ECB19RR Base for April 1978 conditions.

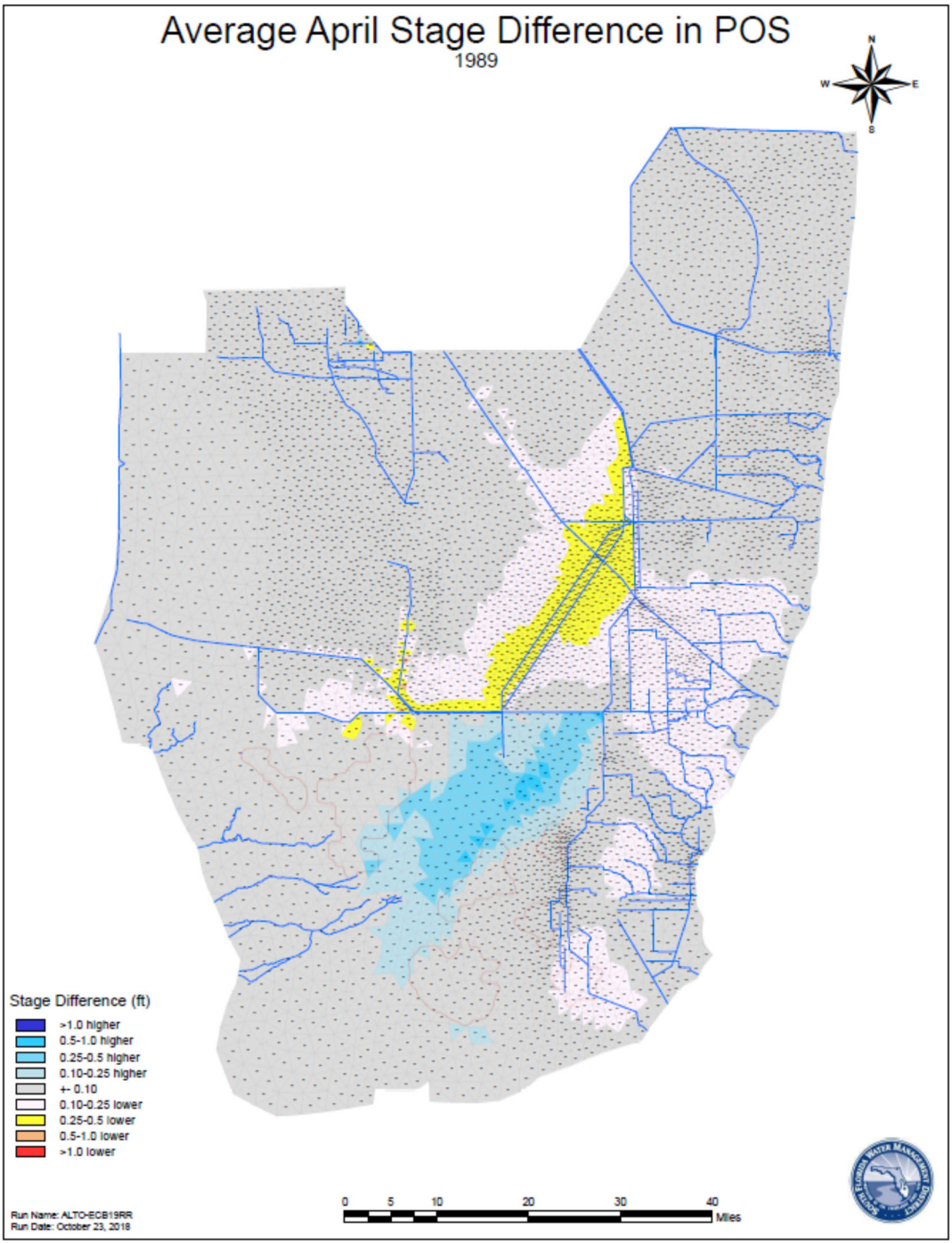

Figure H-5. 42 Differences in average stages for ALTO from ECB19RR Base for April 1989 conditions.

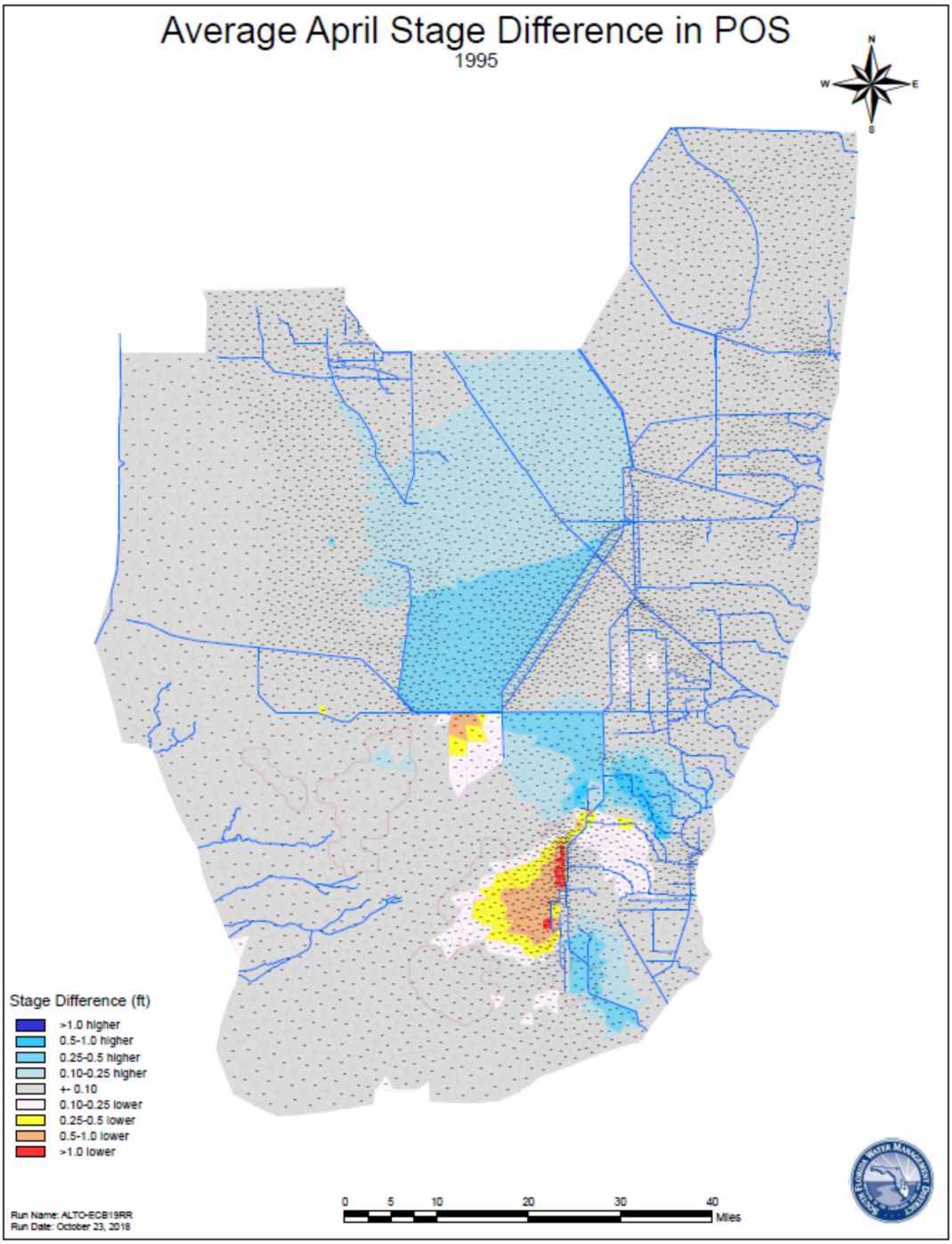

Figure H-5. 43 Differences in average stages for ALTO from ECB19RR Base for April 1995 conditions.

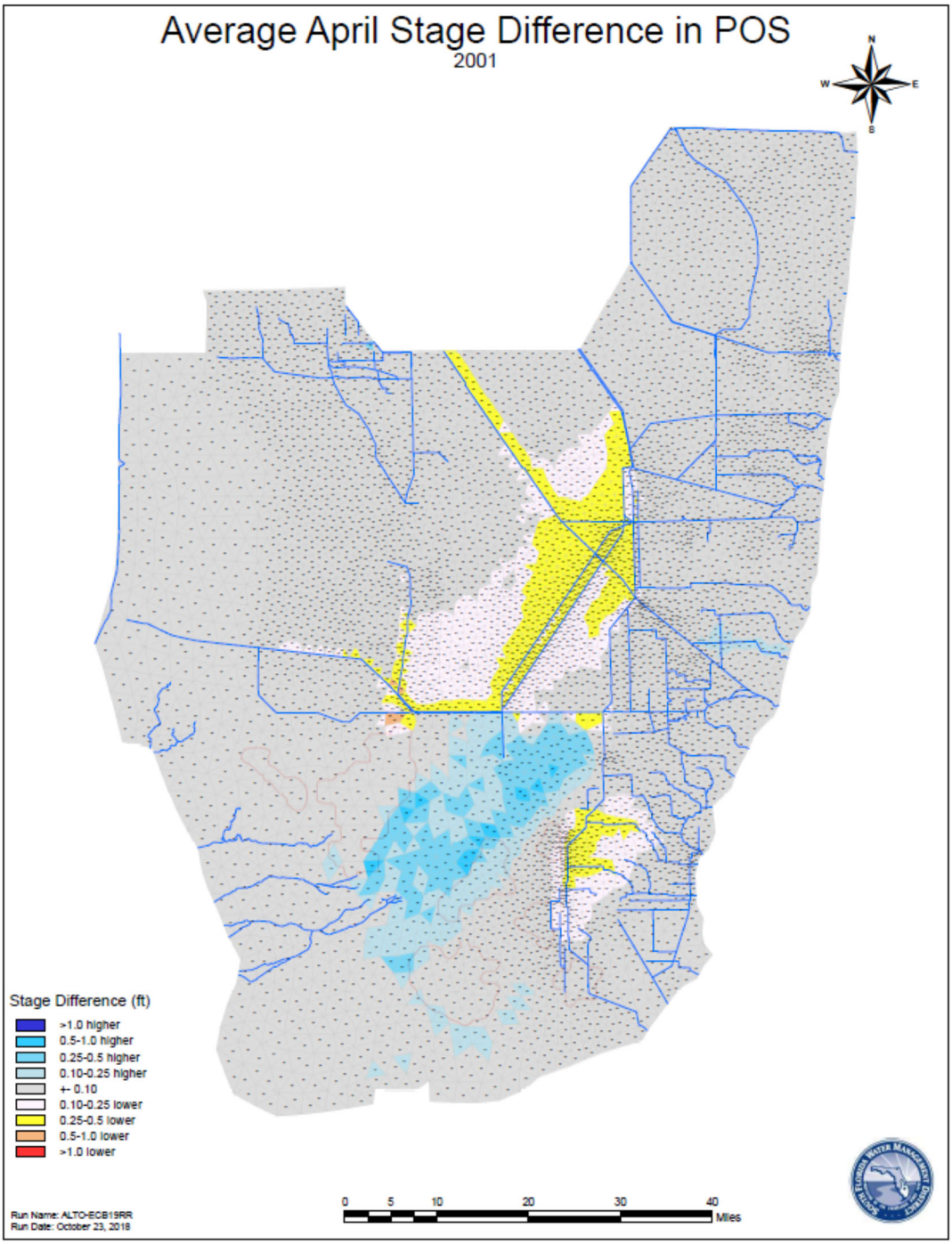

Figure H-5. 44 Differences in average stages for ALTO from ECB19RR Base for April 2001 conditions.

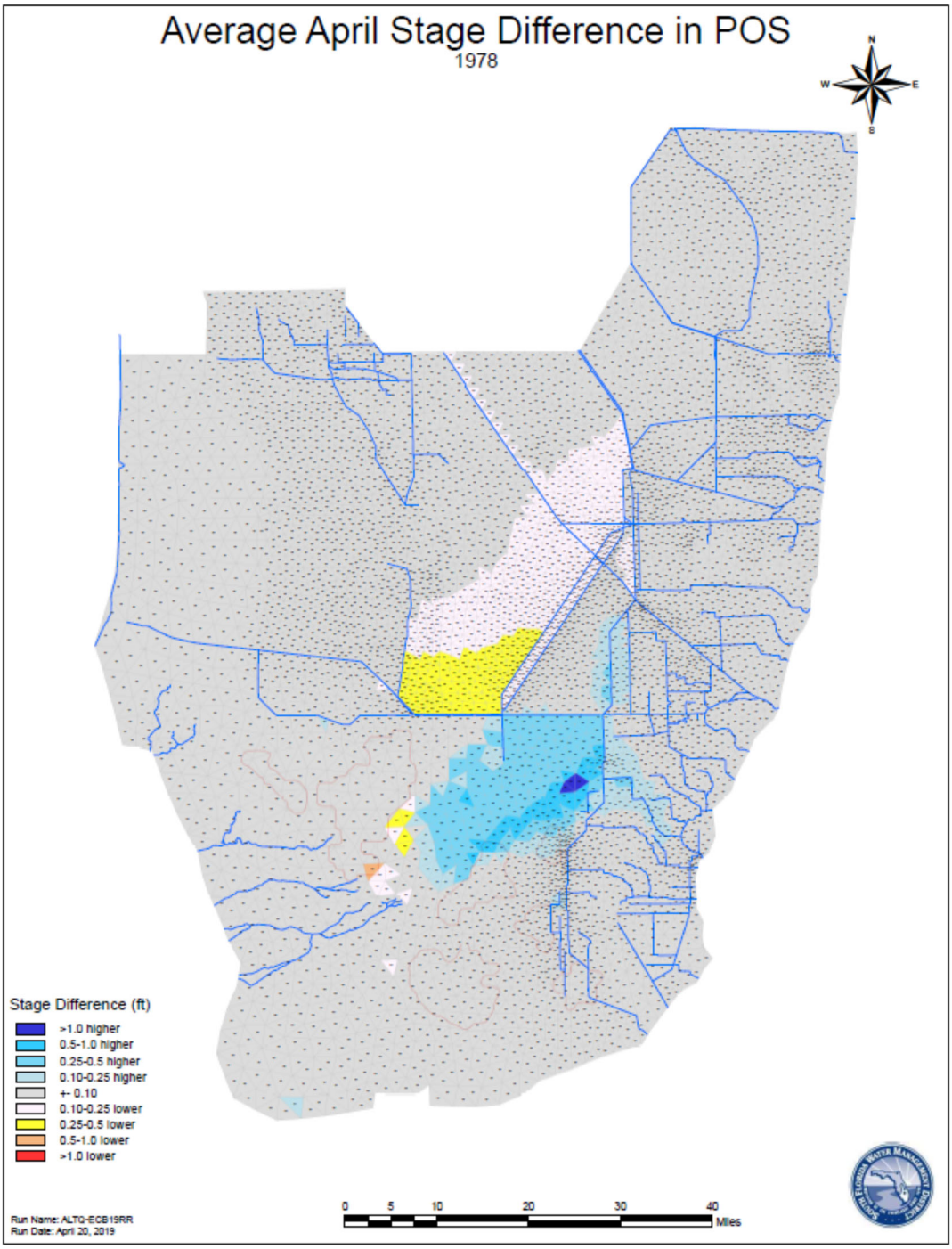

Figure H-5. 45 Differences in average stages for ALTQ from ECB19RR Base for April 1978 conditions.

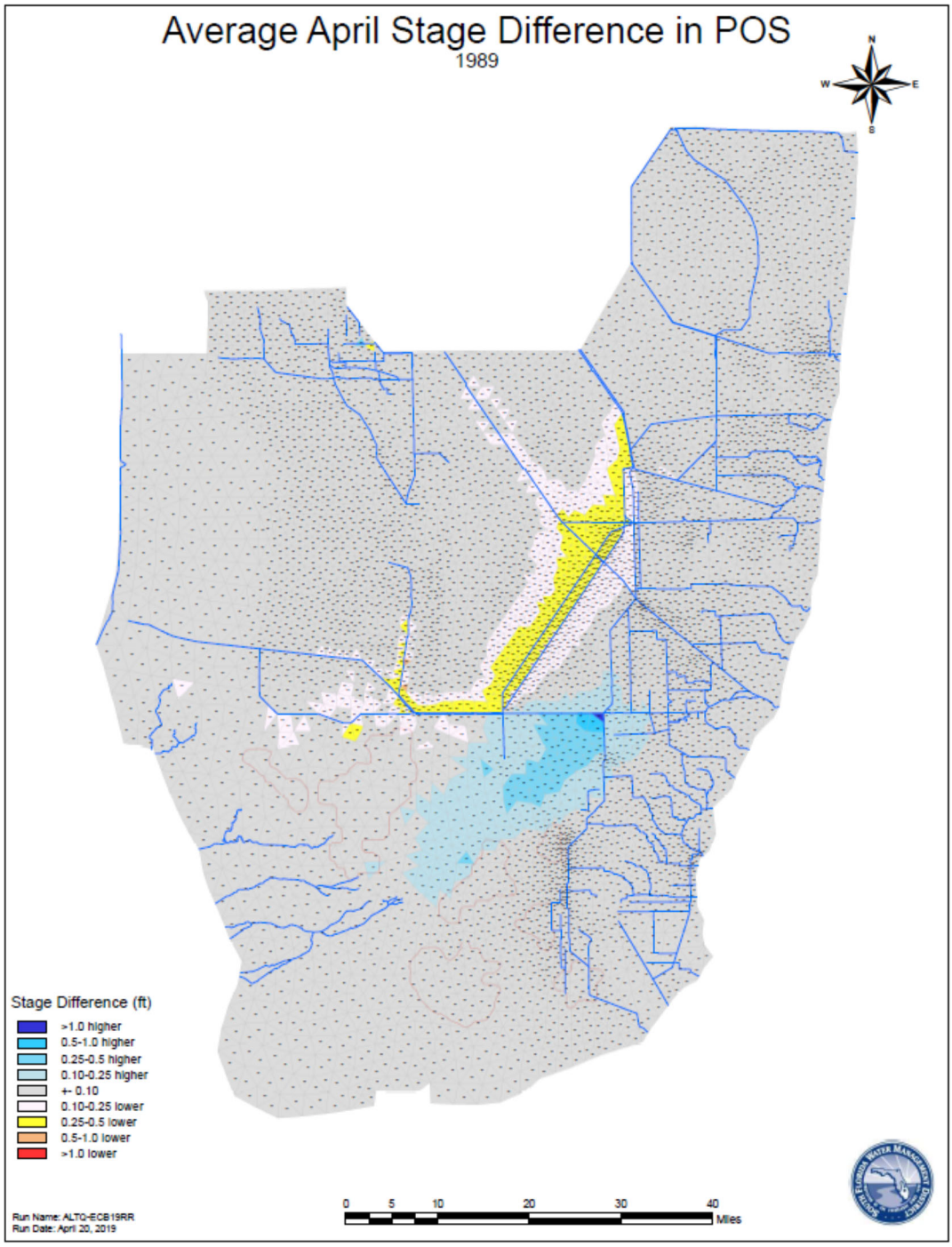

Figure H-5. 46 Differences in average stages for ALTQ from ECB19RR Base for April 1989 conditions.

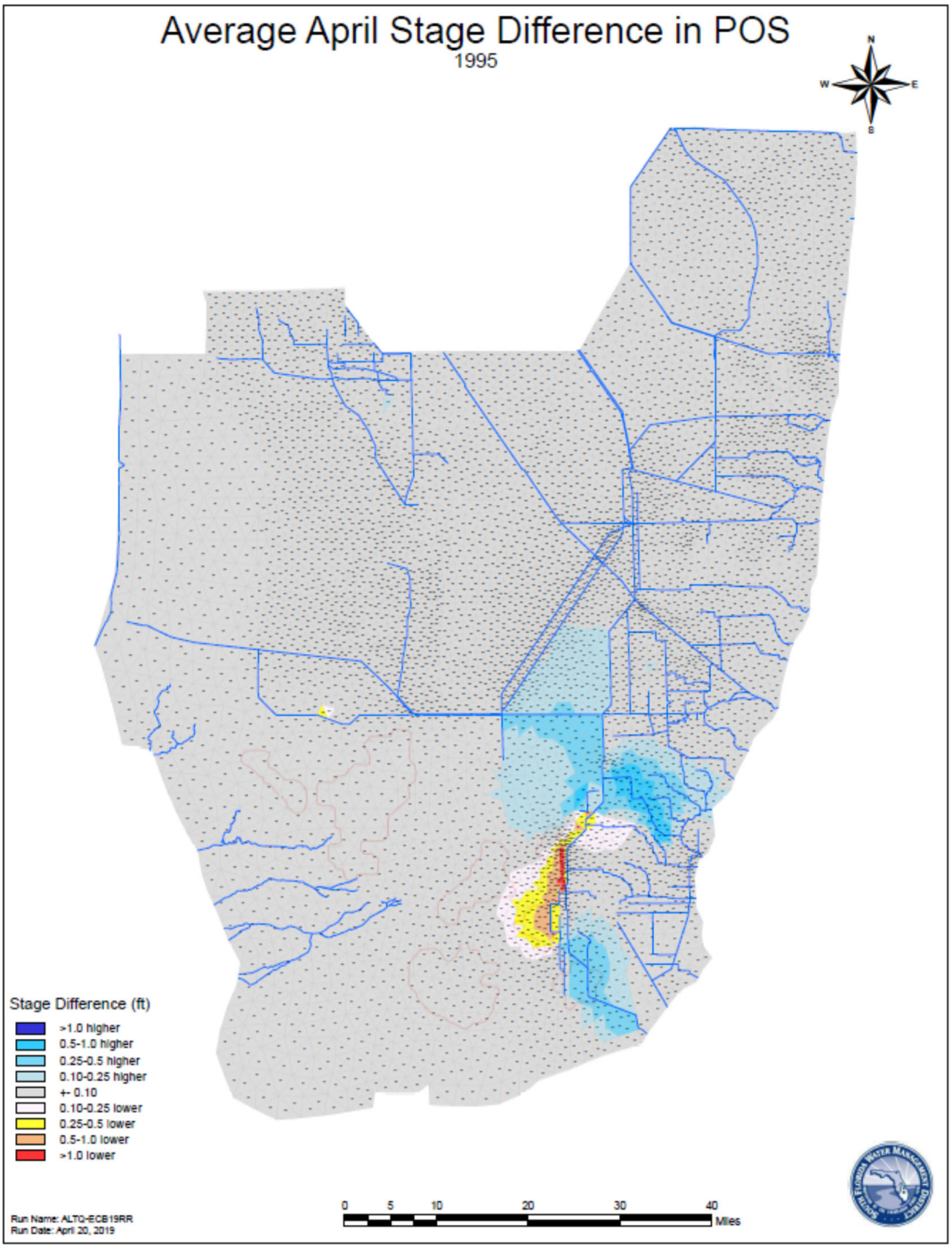

Figure H-5. 47 Differences in average stages for ALTQ from ECB19RR Base for April 1995 conditions.

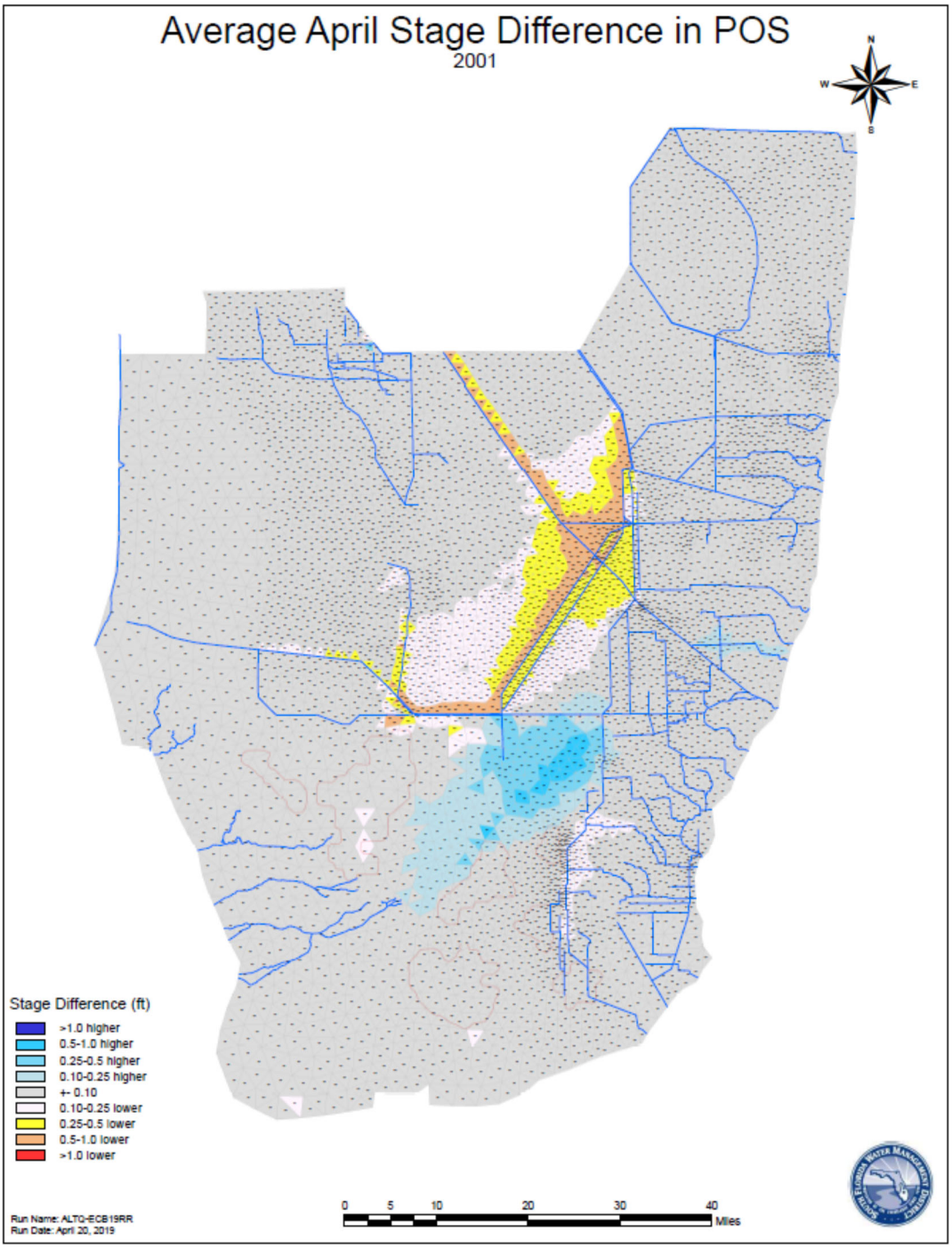

Figure H-5. 48 Differences in average stages for ALTQ from ECB19RR Base for April 2001 conditions.

H-5.1.10 AVERAGE OCTOBER STAGE DIFFERENCES FOR 1978, 1989, 1995, AND 2001

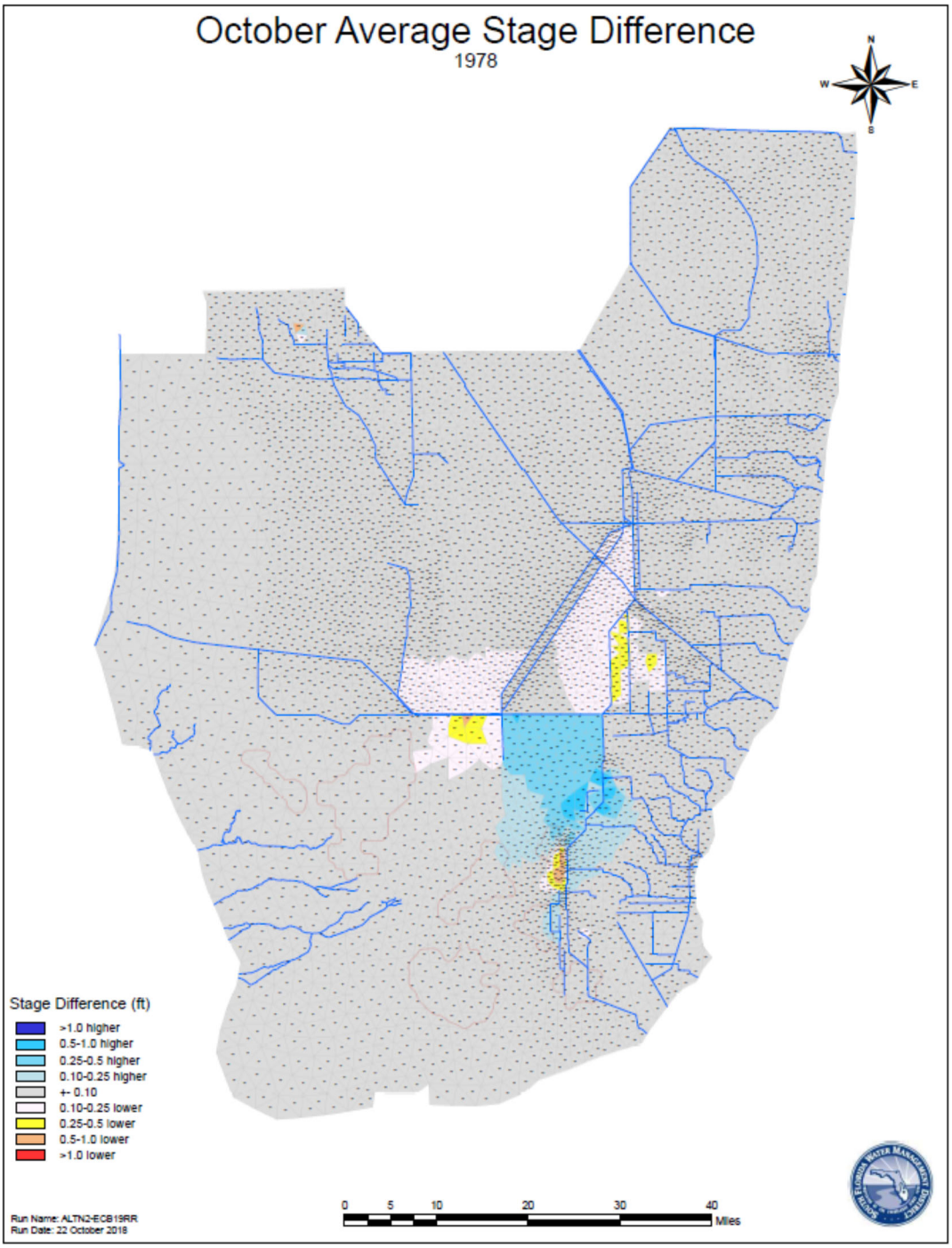

Figure H-5. 49. Differences in average stages for ALTN2 from ECB19RR Base for October 1978 conditions.

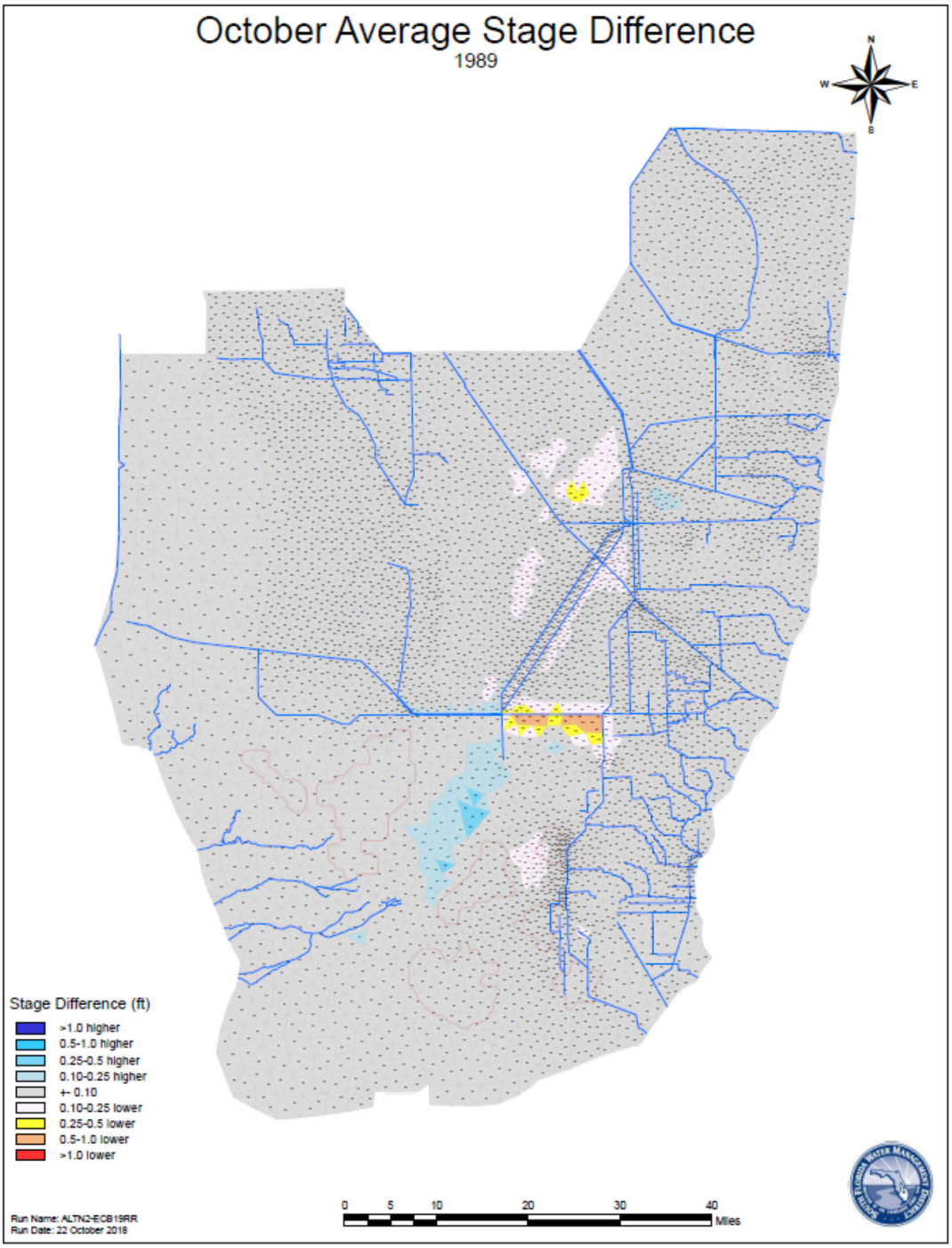

Figure H-5. 50. Differences in average stages for ALTN2 from ECB19RR Base for October 1989 conditions.

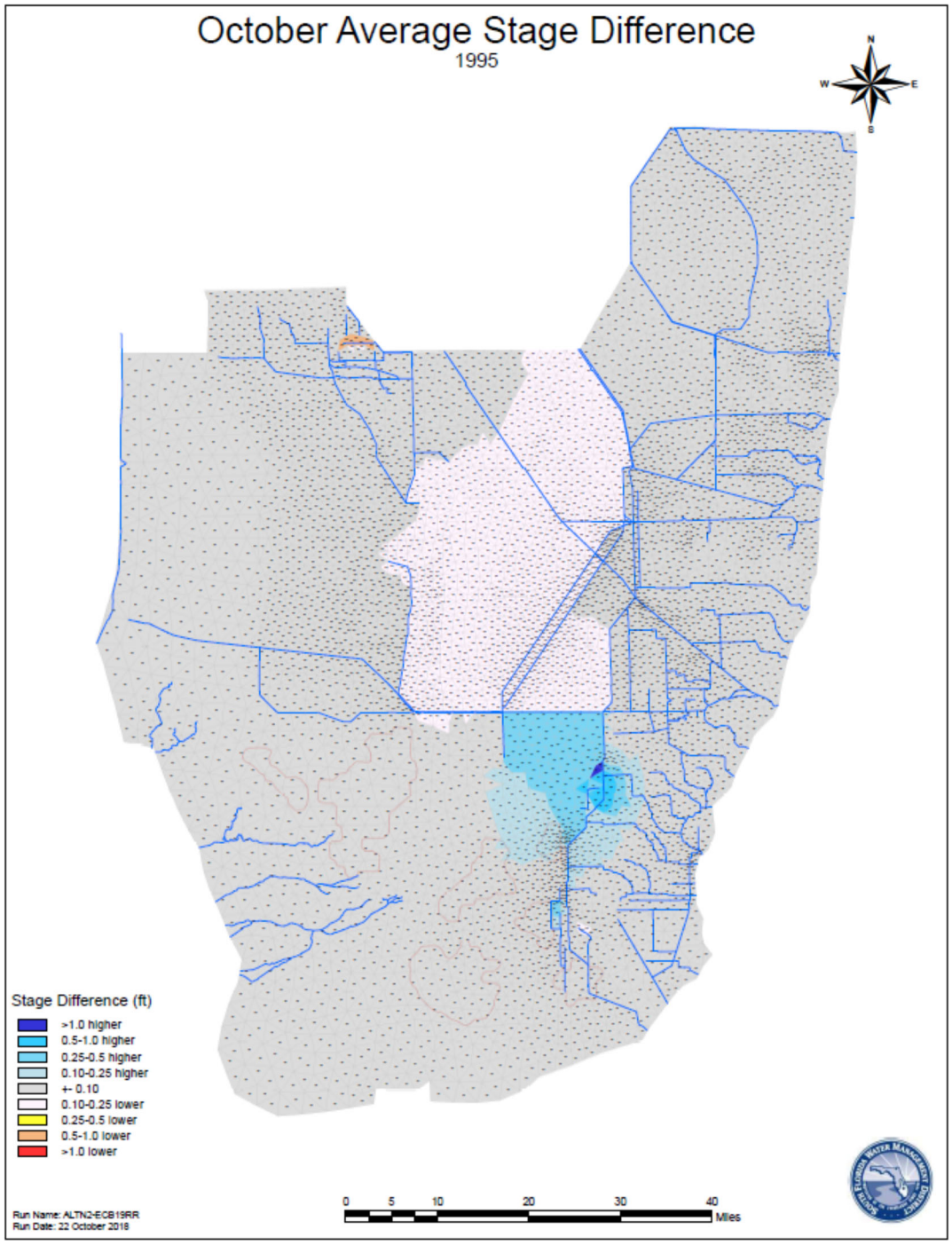

Figure H-5. 51. Differences in average stages for ALTN2 from ECB19RR Base for October 1995 conditions.

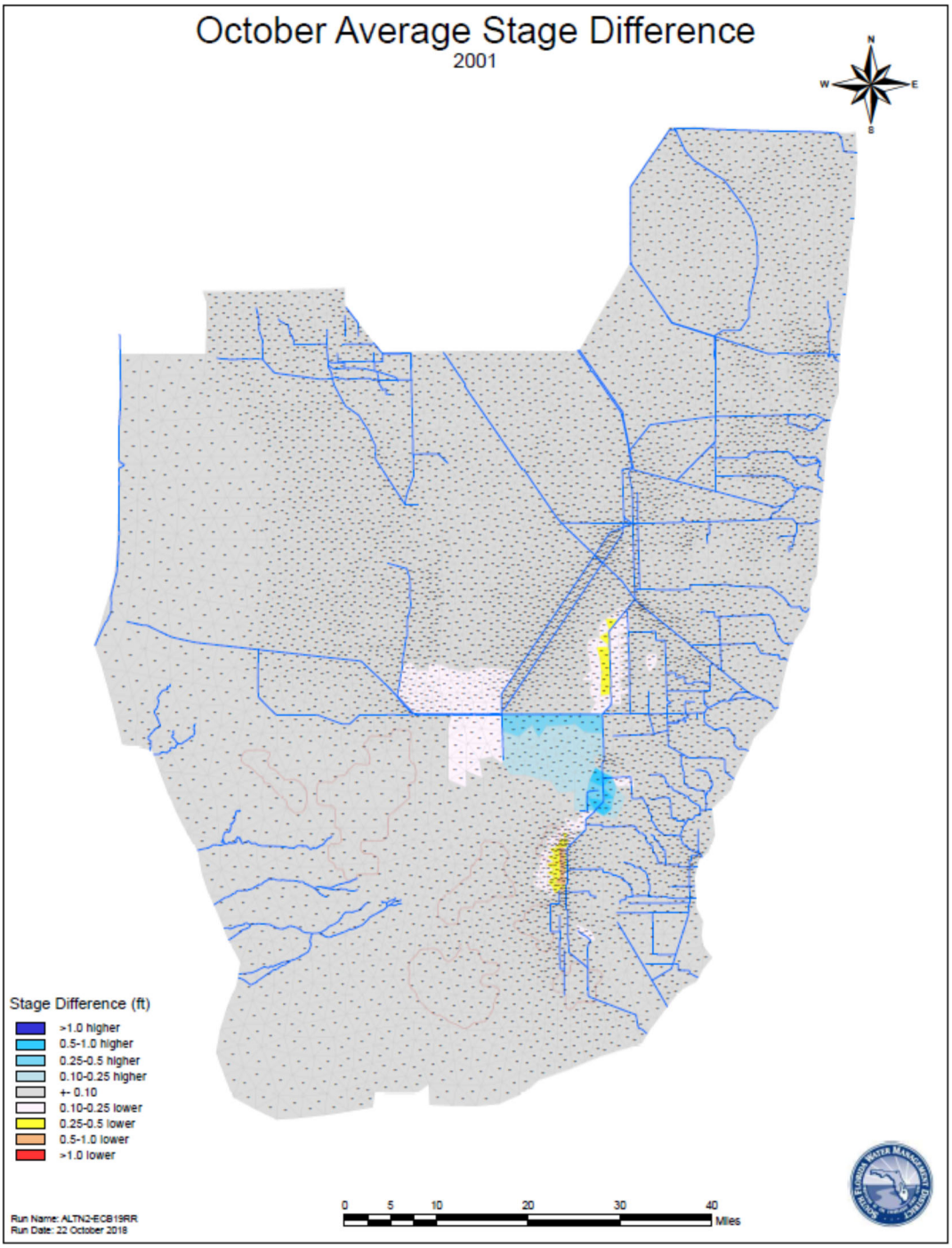

Figure H-5. 52. Differences in average stages for ALTN2 from ECB19RR Base for October 2001 conditions.

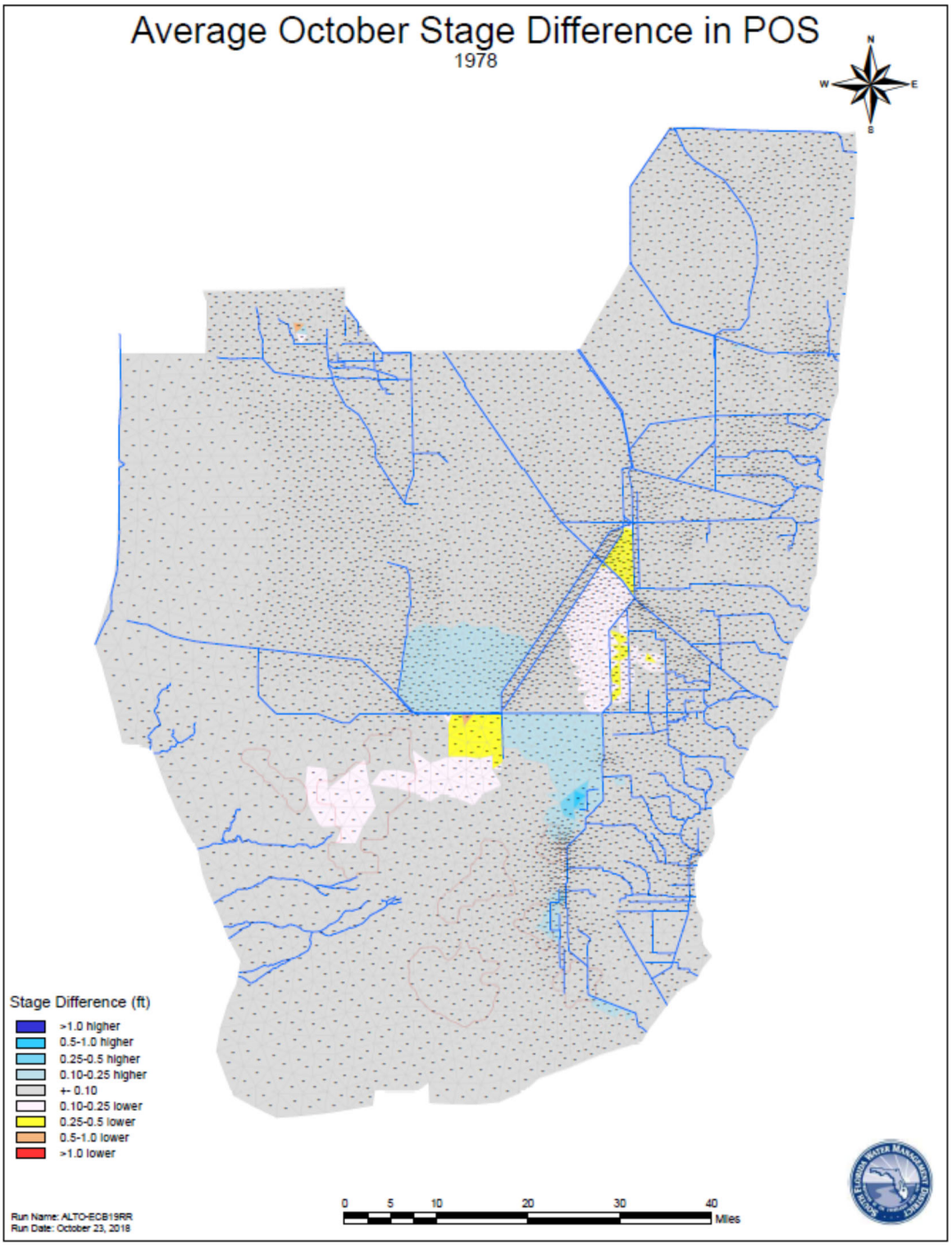

Figure H-5. 53. Differences in average stages for ALTO from ECB19RR Base for October 1978 conditions.

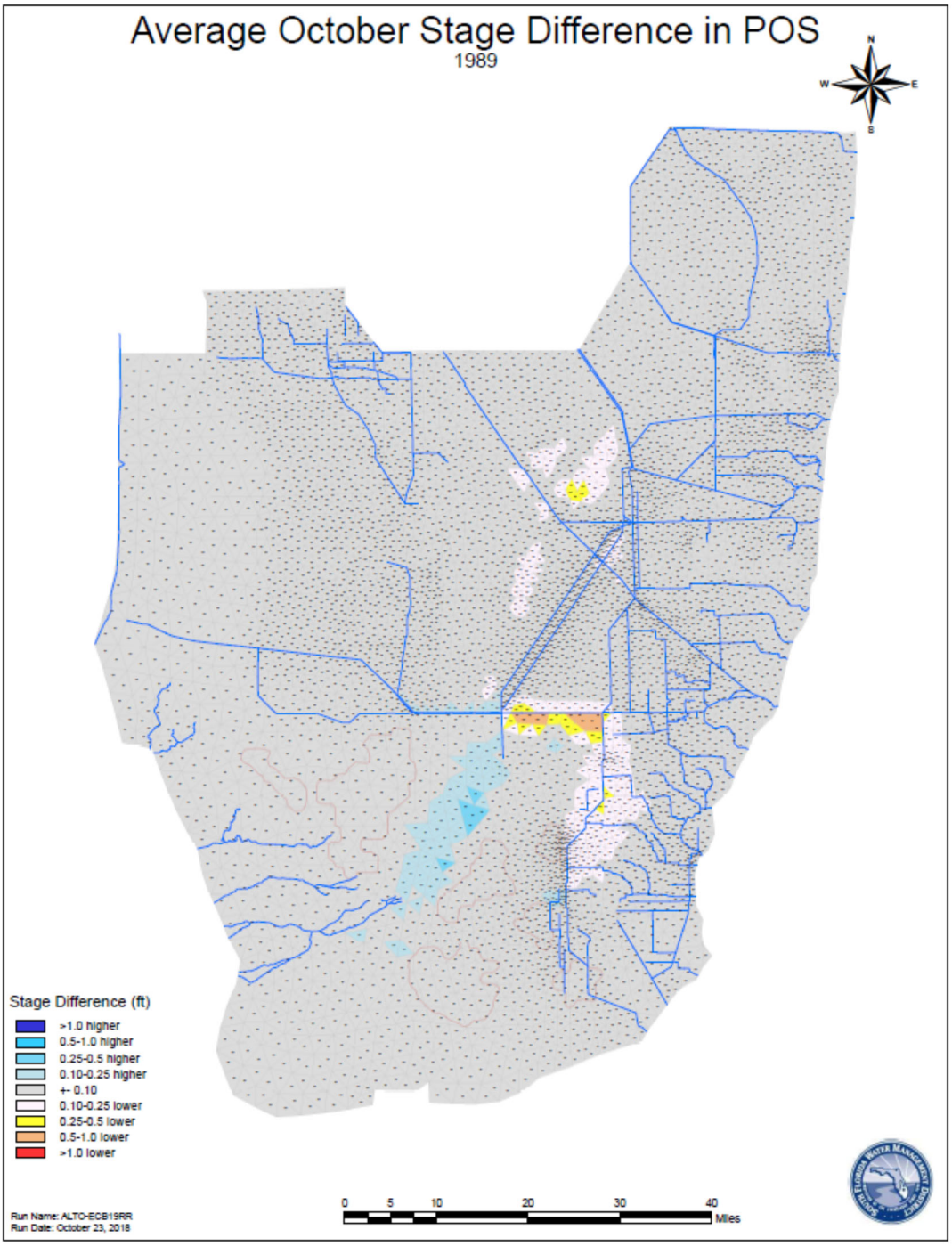

Figure H-5. 54. Differences in average stages for ALTO from ECB19RR Base for October 1989 conditions.

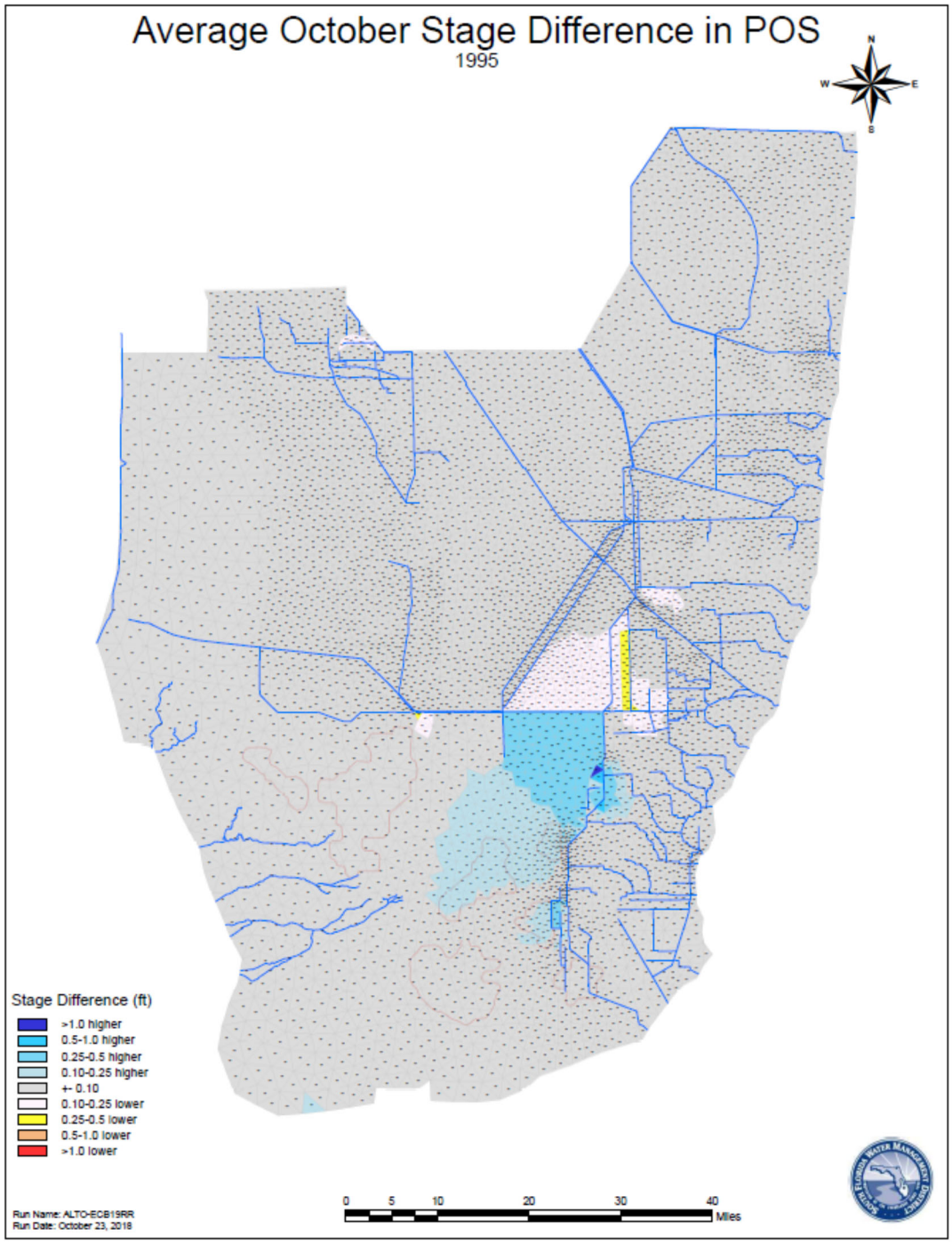

Figure H-5. 55. Differences in average stages for ALTO from ECB19RR Base for October 1995 conditions.

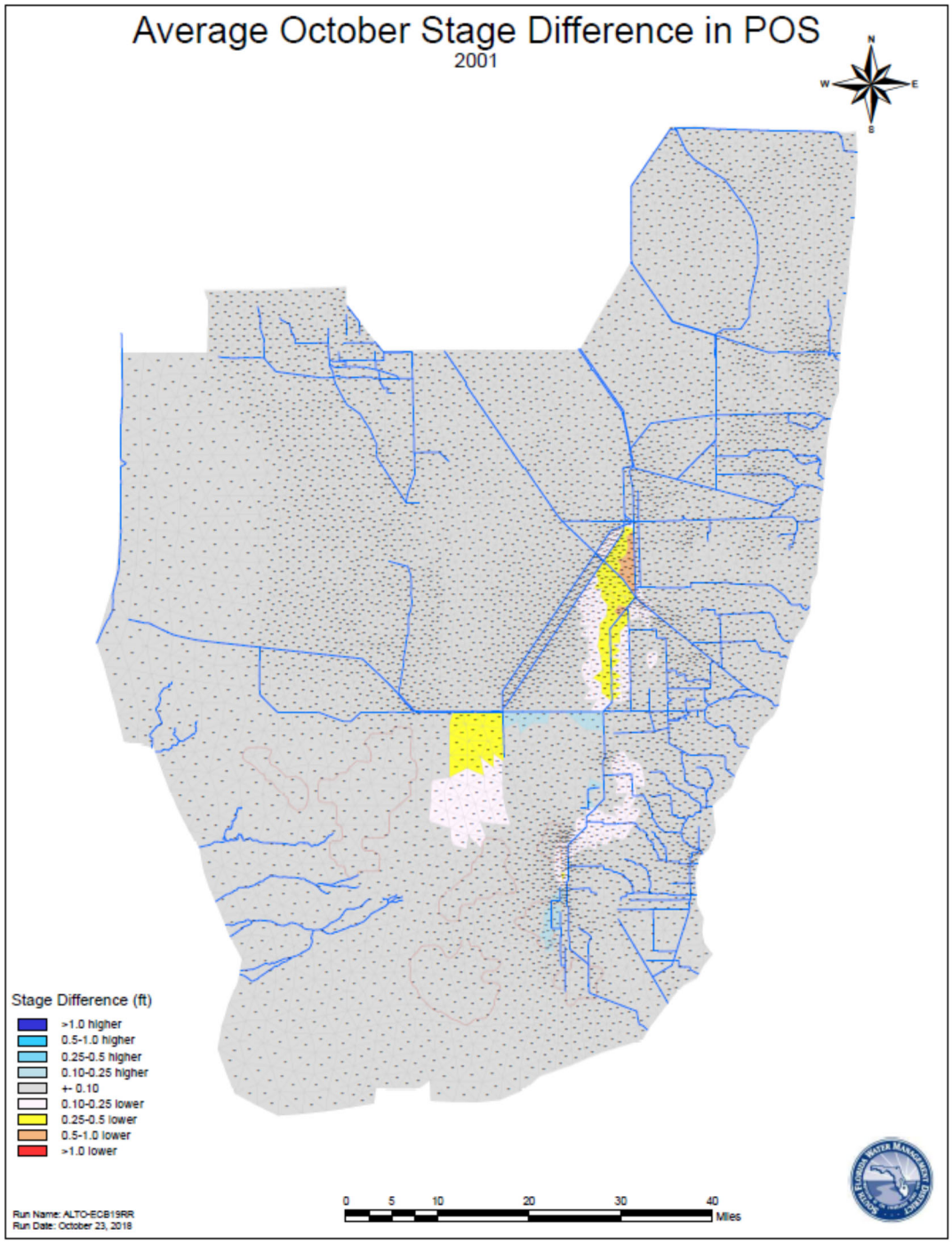

Figure H-5. 56. Differences in average stages for ALTO from ECB19RR Base for October 2001 conditions.

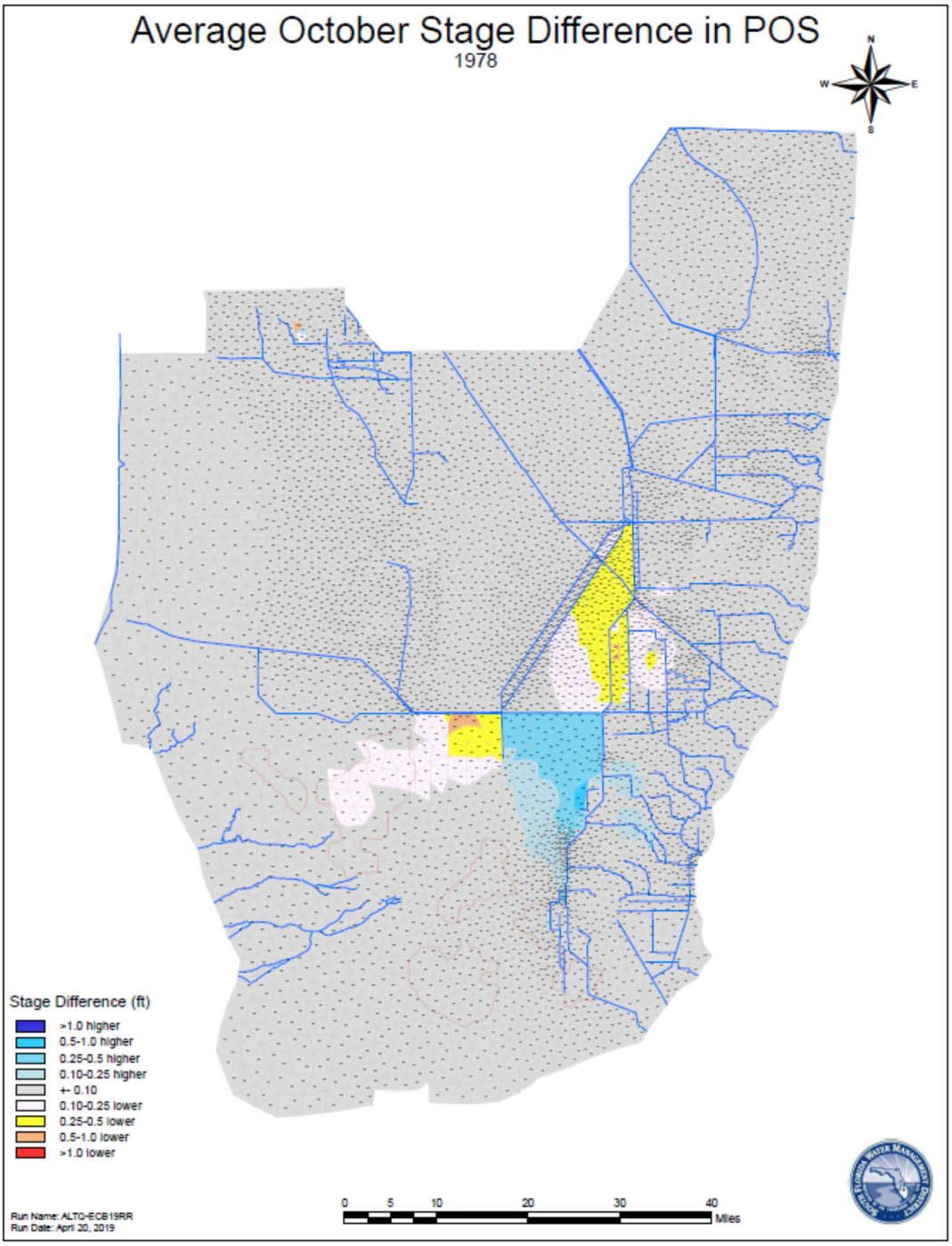

Figure H-5. 57. Differences in average stages for ALTQ from ECB19RR Base for October 1978 conditions.

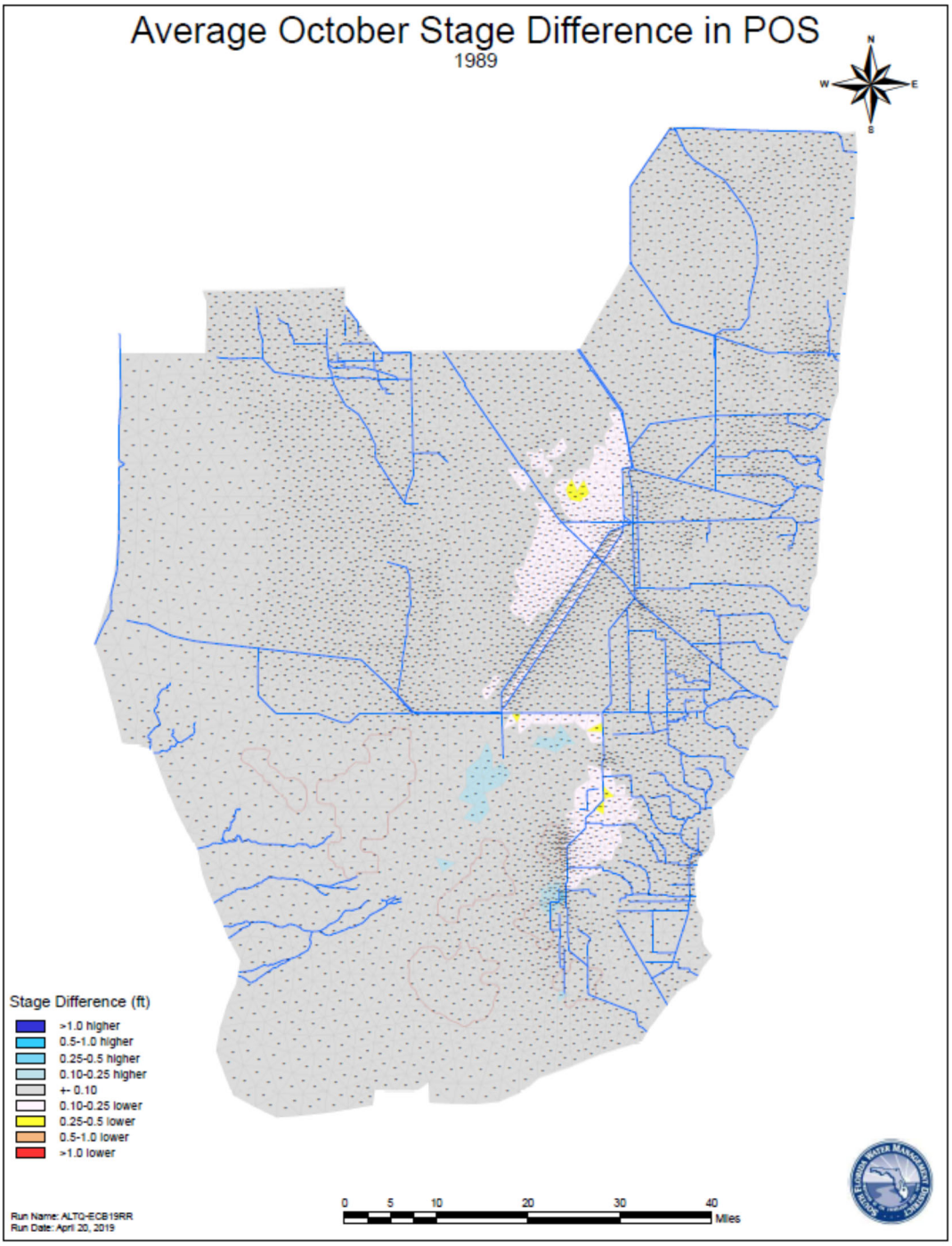

Figure H-5. 58. Differences in average stages for ALTQ from ECB19RR Base for October 1989 conditions.

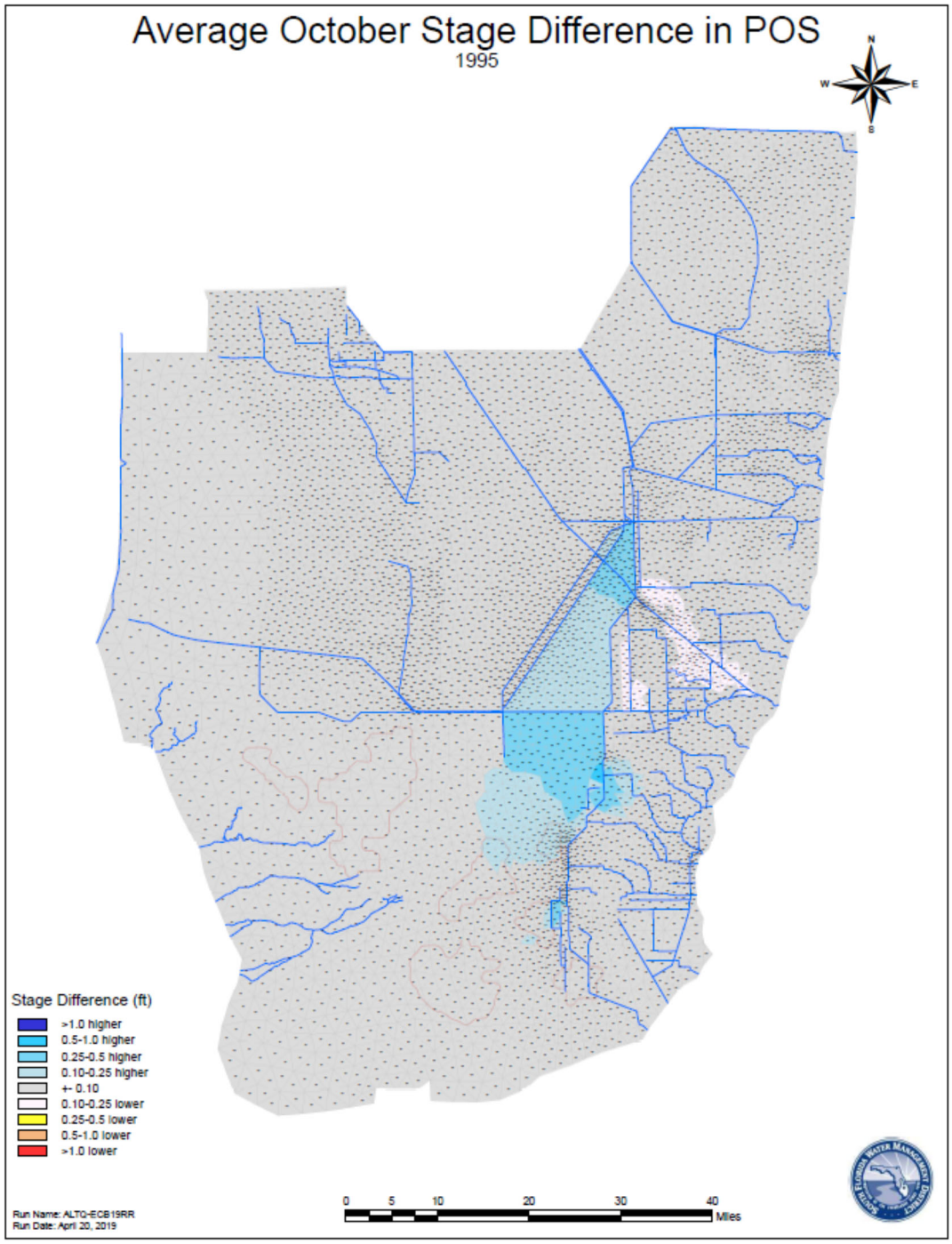

Figure H-5. 59. Differences in average stages for ALTQ from ECB19RR Base for October 1995 conditions.

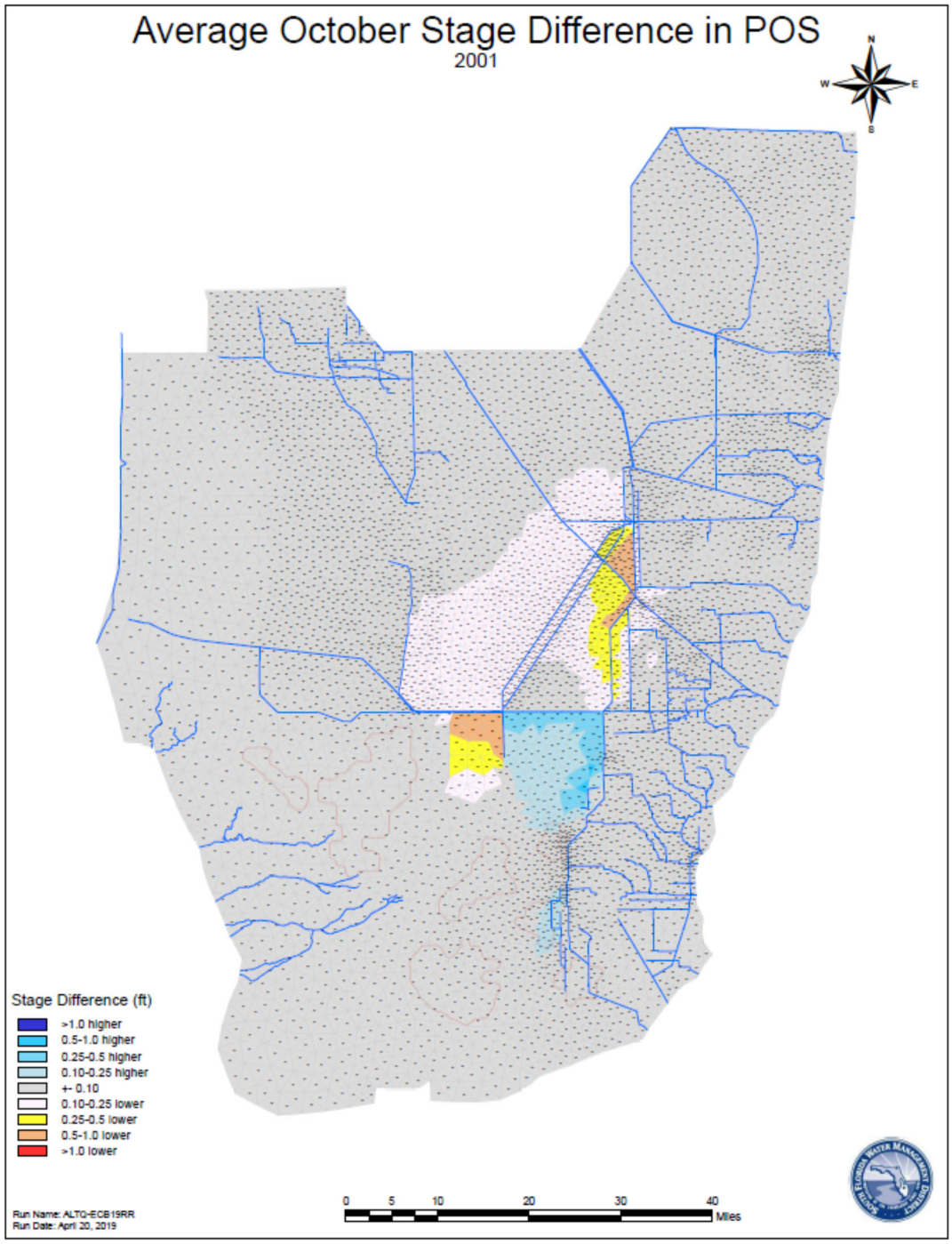

Figure H-5. 60. Differences in average stages for ALTQ from ECB19RR Base for October 2001 conditions.

H-5.1.11 TRANSECT FLOWS

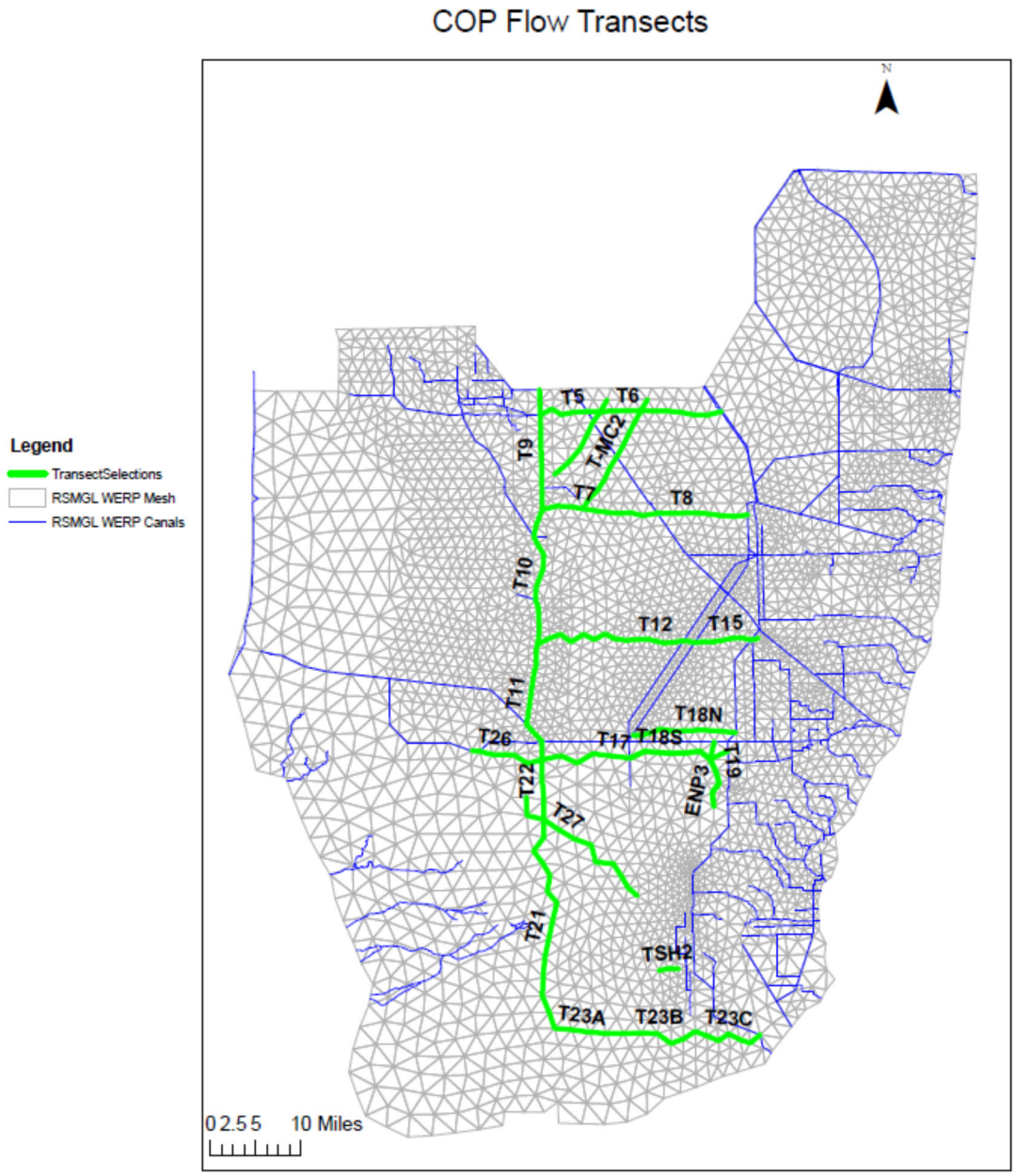

Figure H-5. 61 Map showing the locations for flow transects.

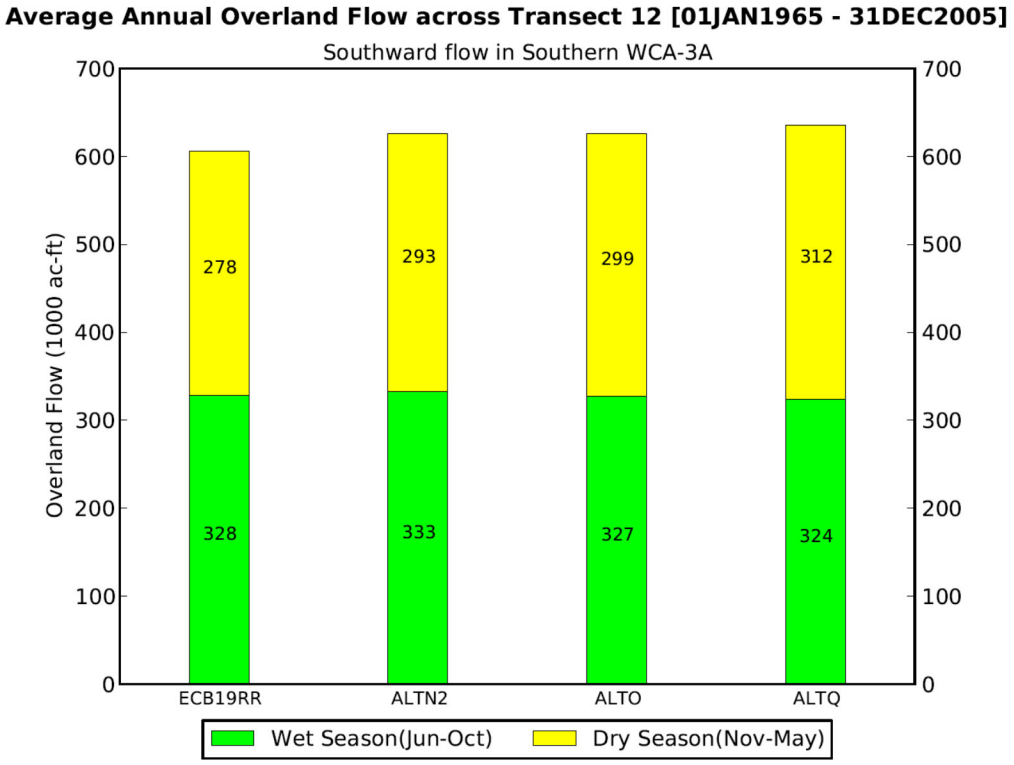

Figure H-5. 62 Comparison of overland flows across Transect 12.

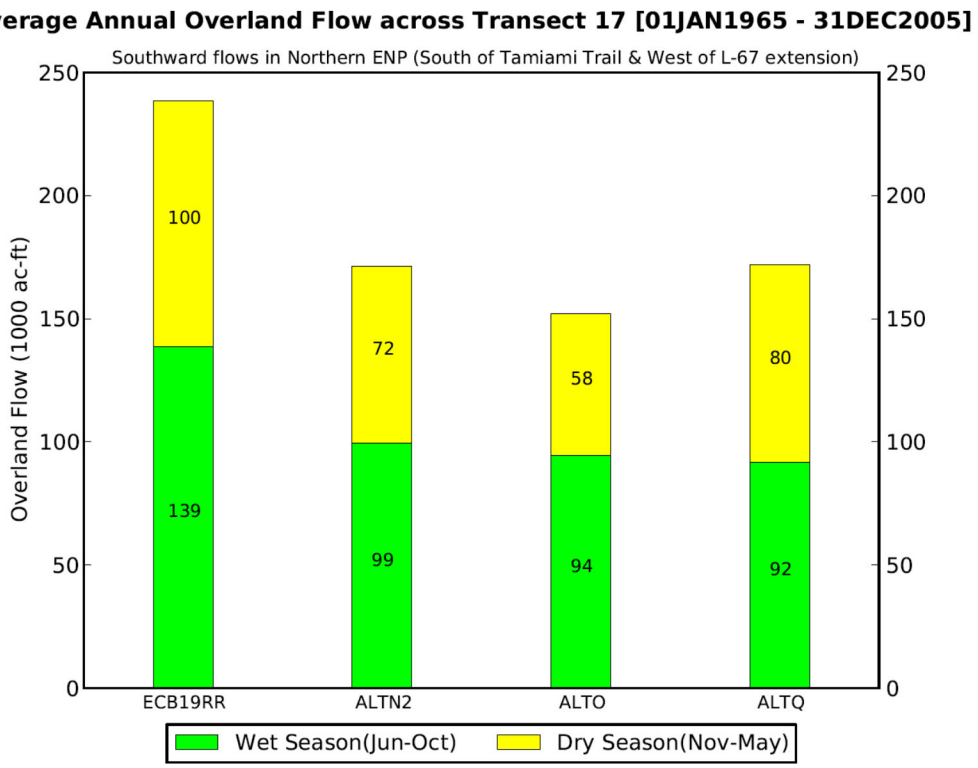

Figure H-5. 63 Comparison of overland flows across Transect 17.

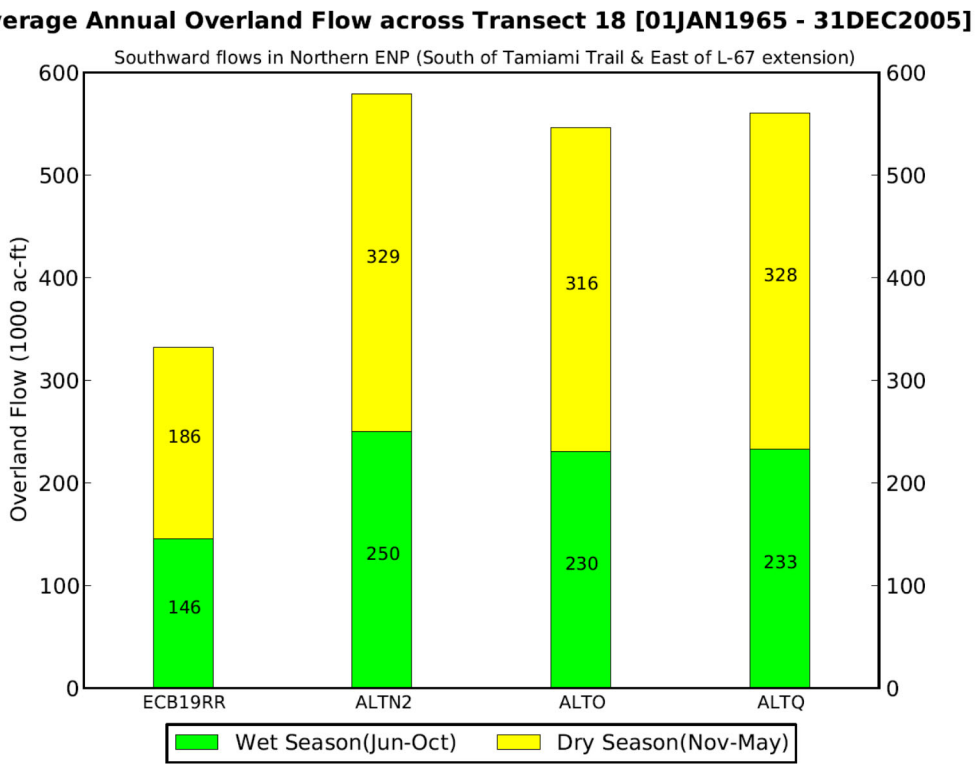

Figure H-5. 64 Comparison of overland flows across Transect 18.

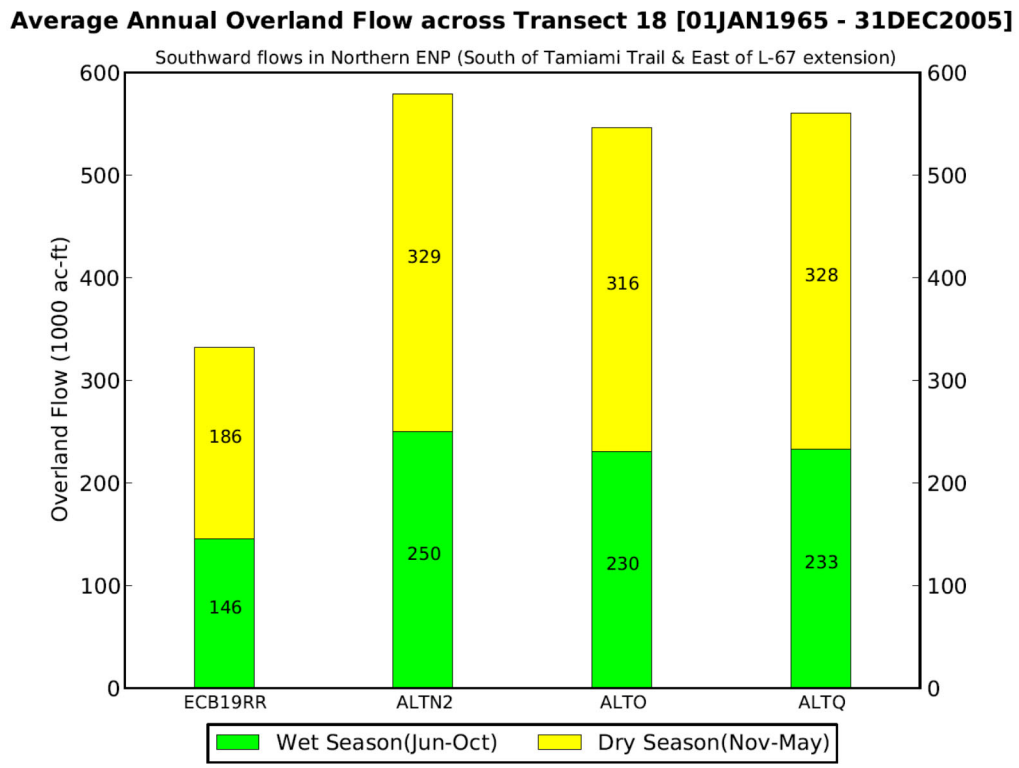

Figure H-5. 65 Comparison of overland flows across Transect 19.

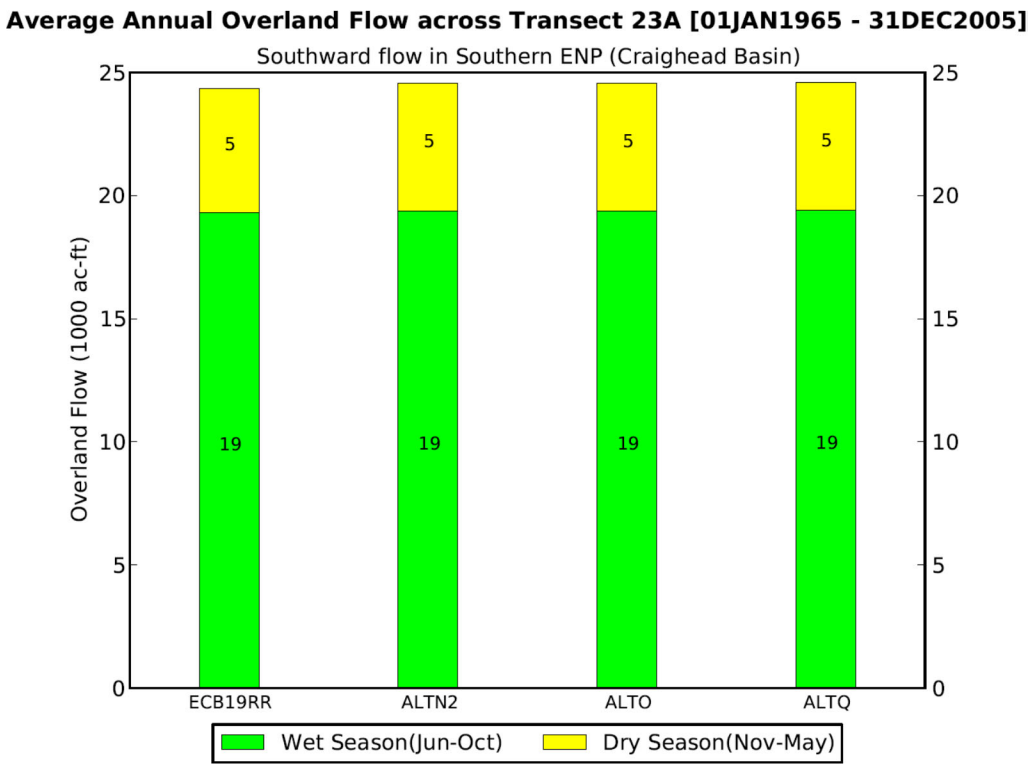

Figure H-5. 66 Comparison of overland flows across Transect 23A.

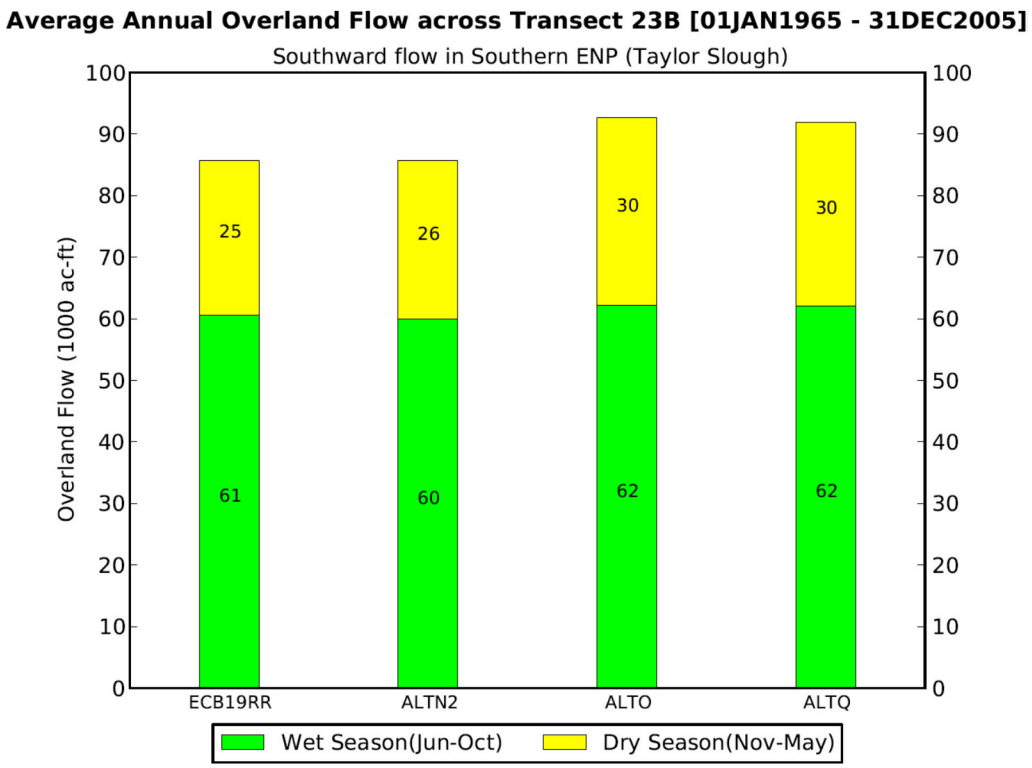

Figure H-5. 67 Comparison of overland flows across Transect 23B.

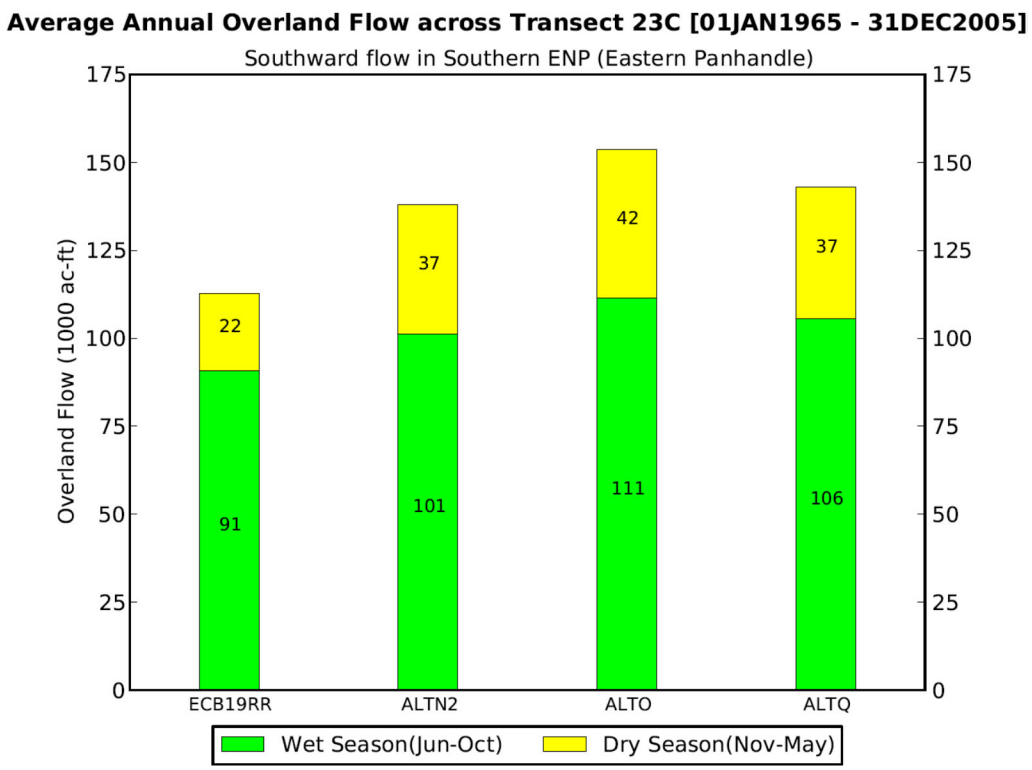

Figure H-5. 68 Comparison of overland flows across Transect 23C.

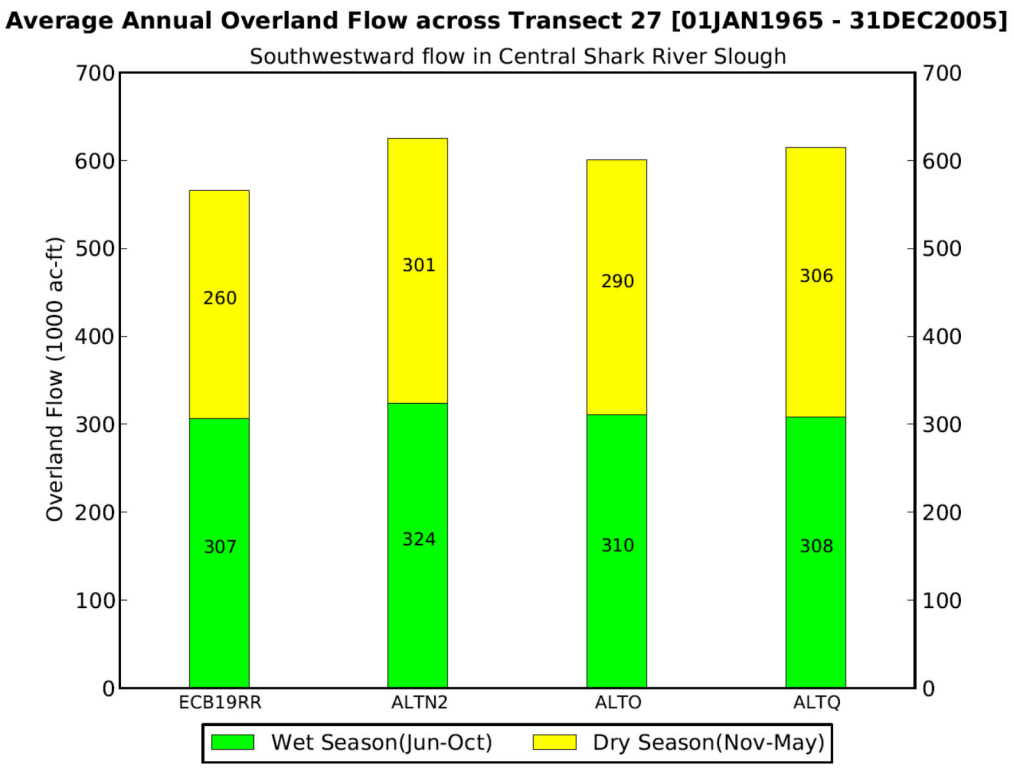

Figure H-5. 69 Comparison of overland flows across Transect 27.

H-5.1.12 GAUGE STAGE HYDROGRAPHS

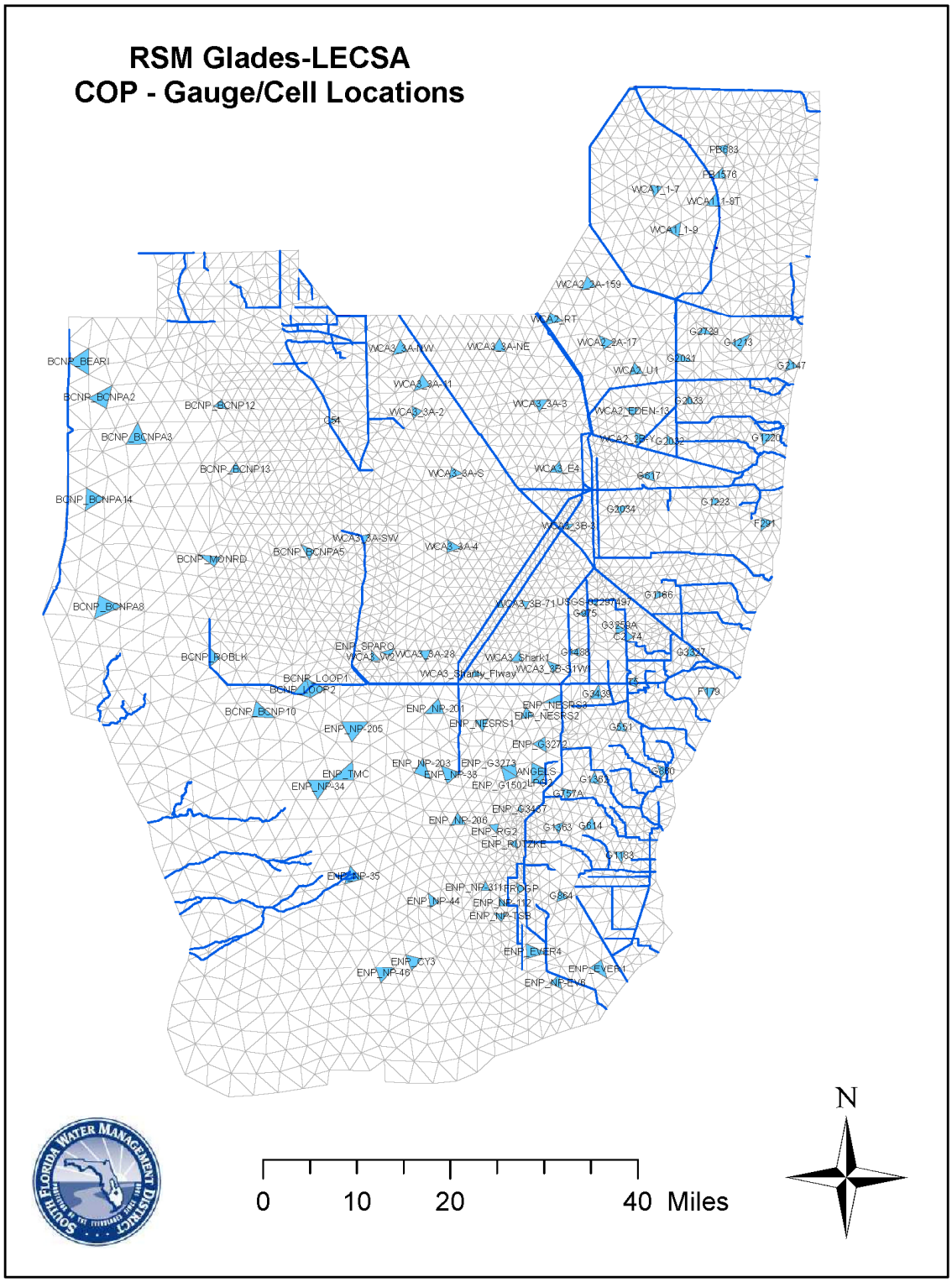

Figure H-5. 70 Map showing the locations for gauges.

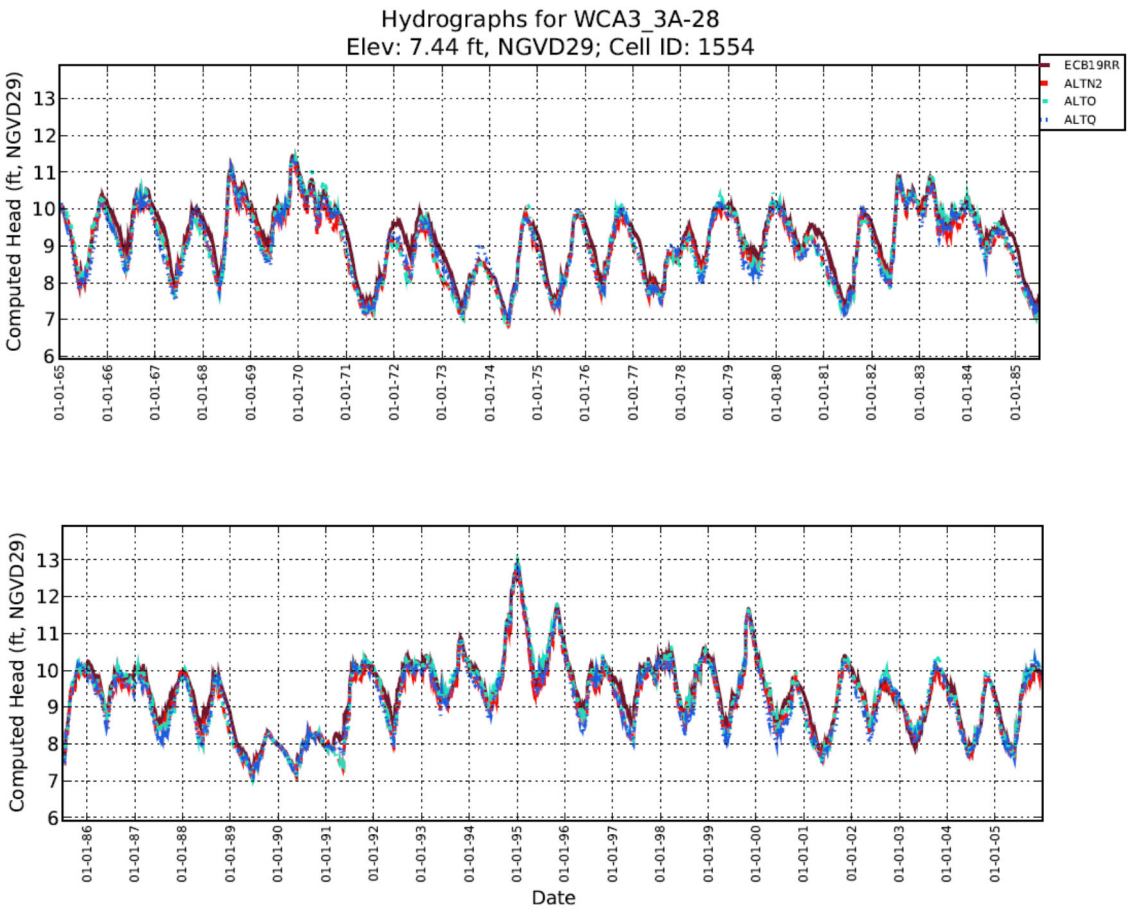

Figure H-5. 71 Stage hydrographs for Gauge WCA3_3A-28 for Alternatives N2, O, Q, and ECB19RR.

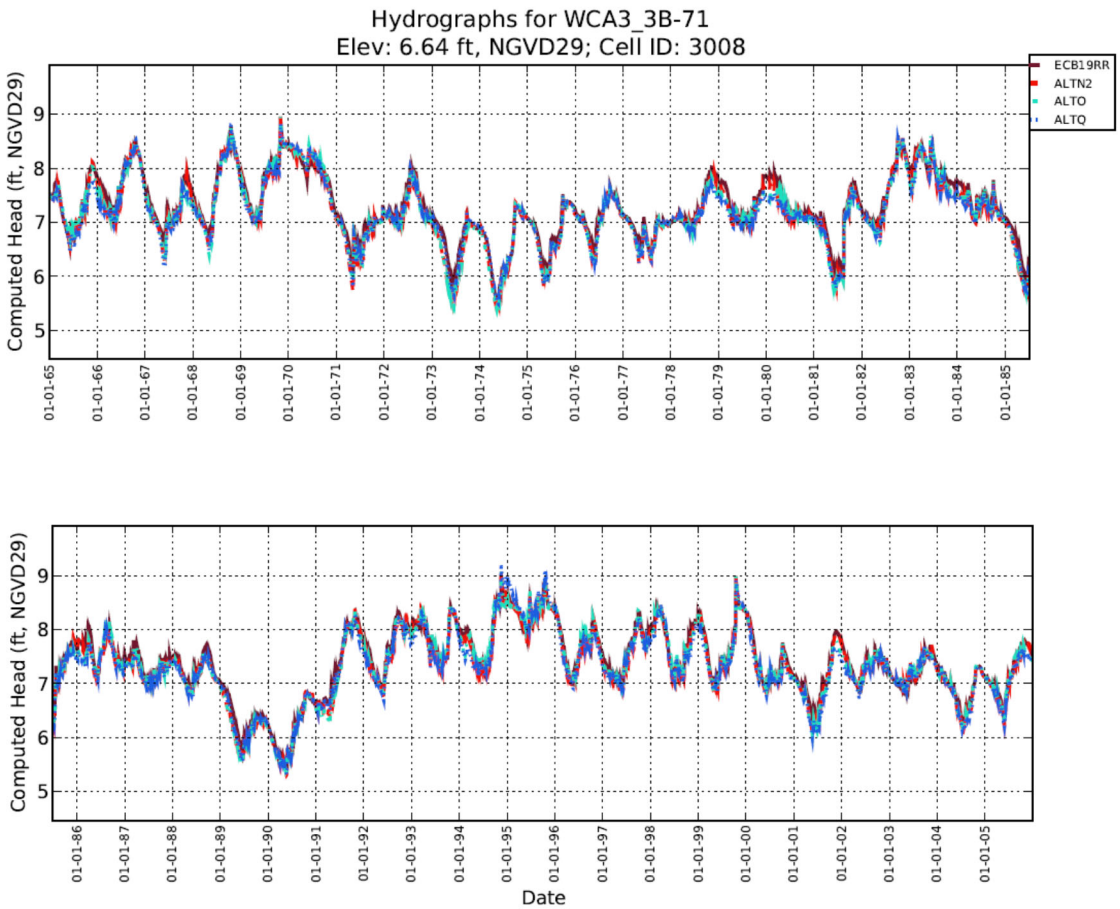

Figure H-5. 72. Stage hydrographs for Gauge WCA3_3B-71 for Alternatives N2, O, Q, and ECB19RR.

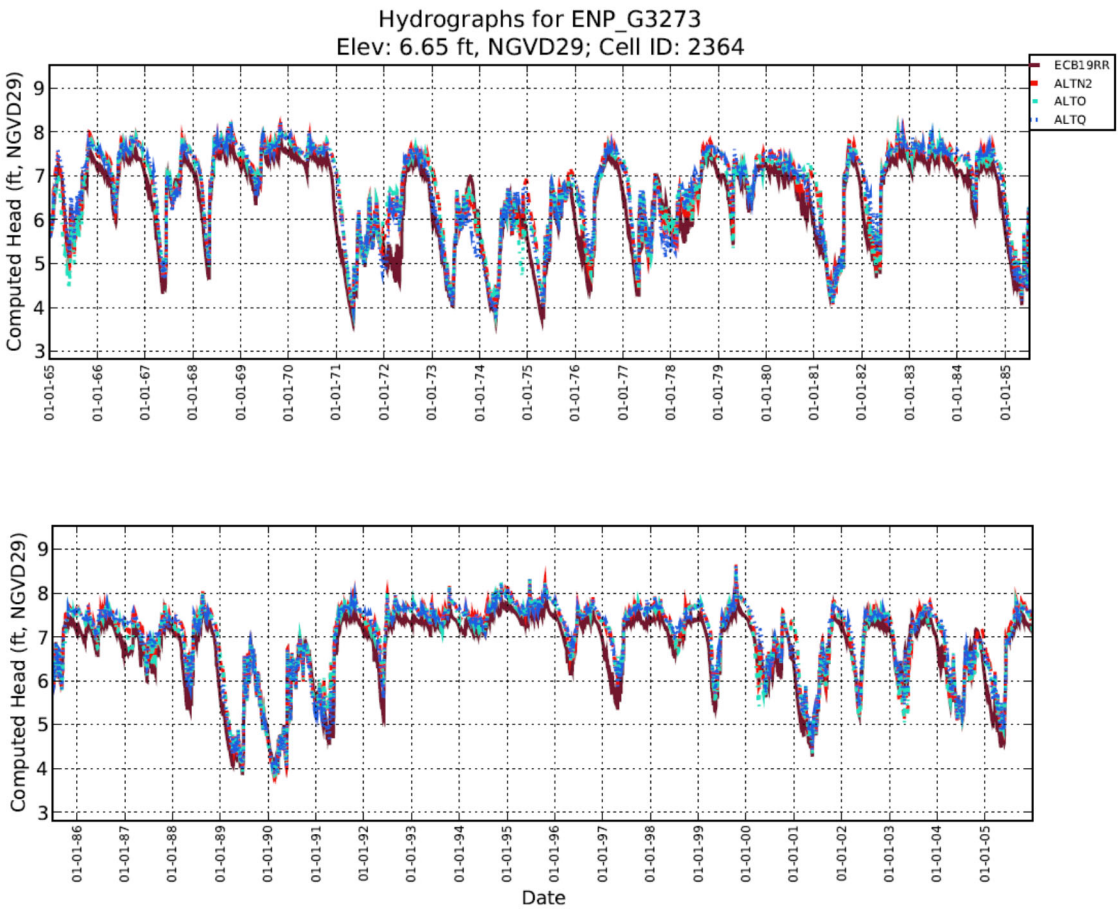

Figure H-5. 73. Stage hydrographs for Gauge G-3273 for Alternatives N2, O, Q, and ECB19RR.

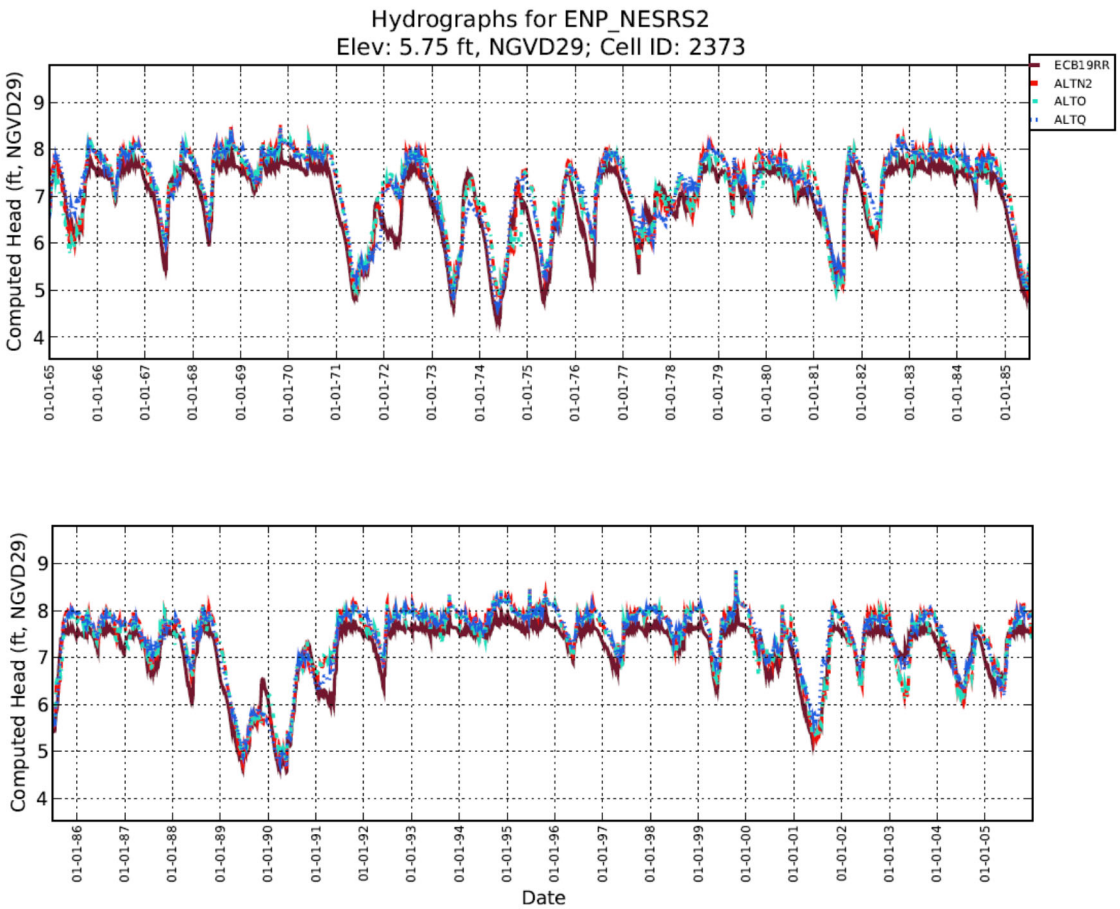

Figure H-5. 74. Stage hydrographs for Gauge ENP_NESRS2 for Alternatives N2, O, Q, and ECB19RR.

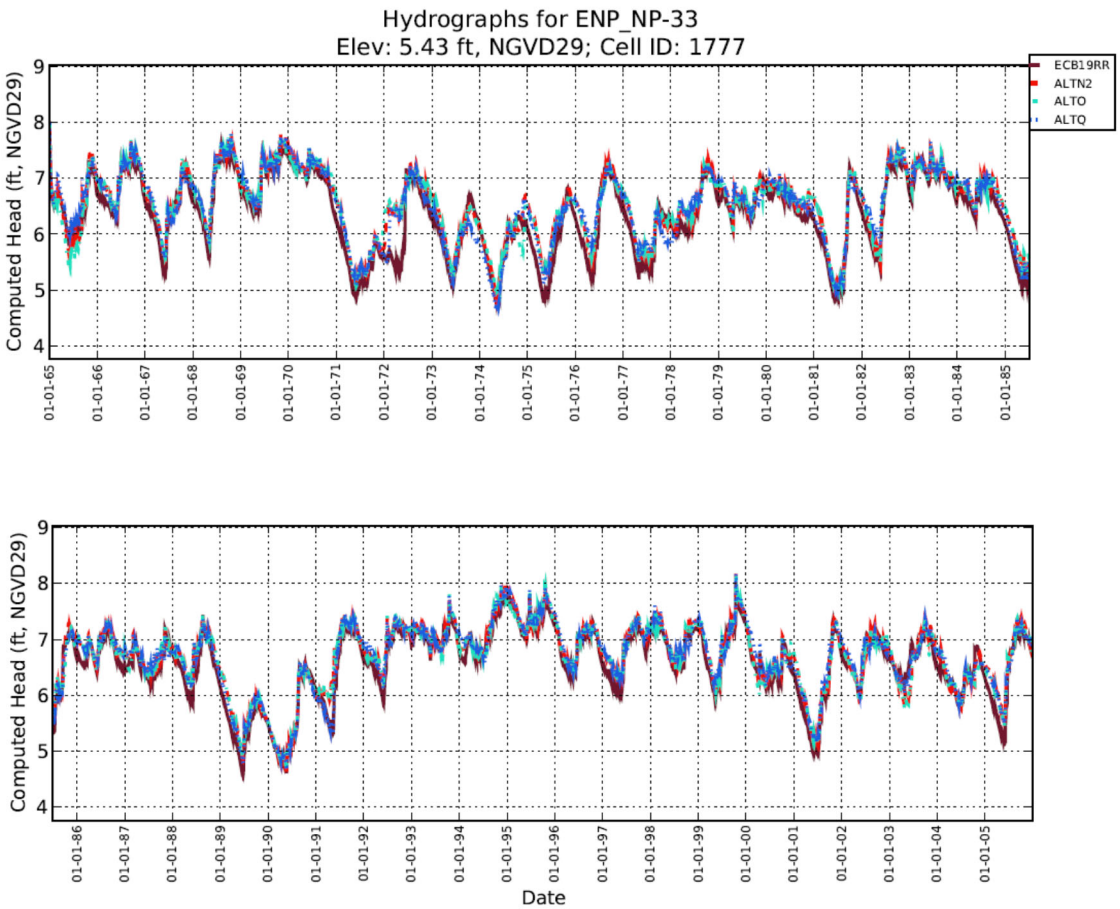

Figure H-5. 75. Stage hydrographs for Gauge ENP_NP-33 for Alternatives N2, O, Q, and ECB19RR.

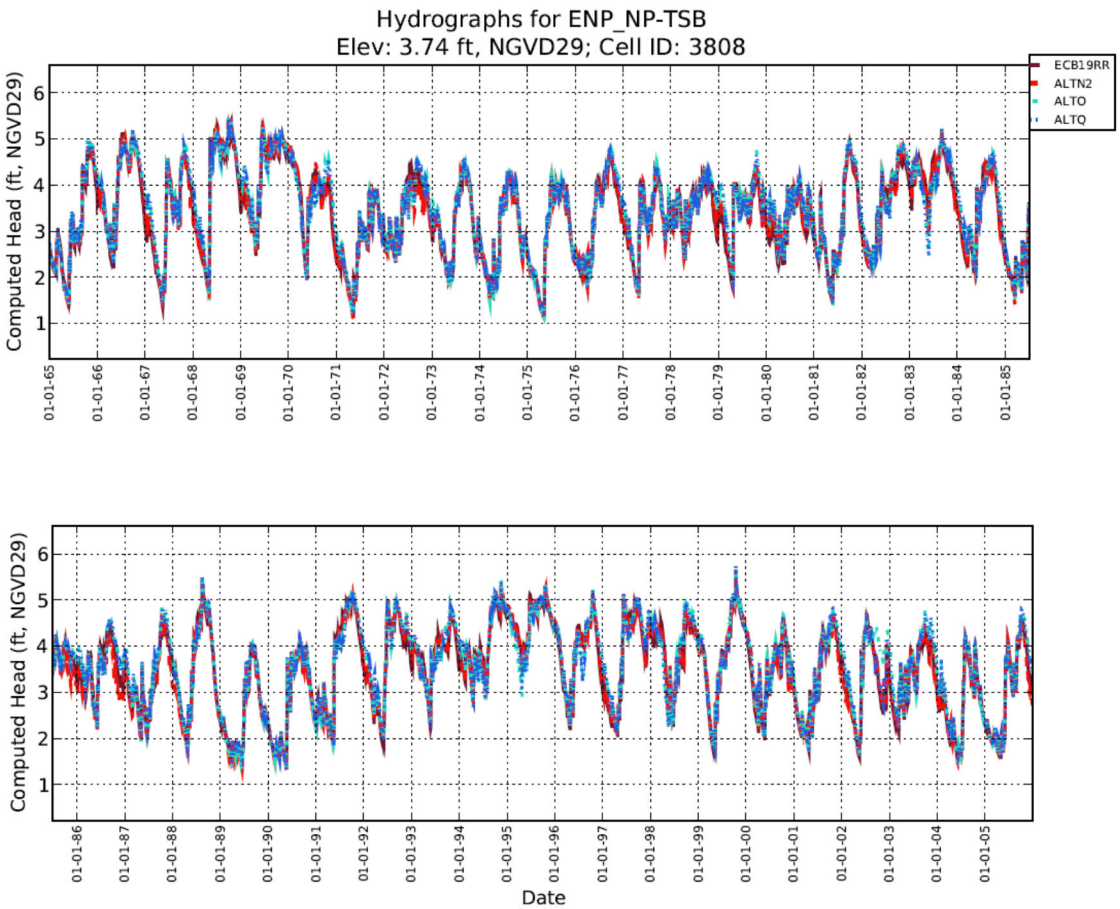

Figure H-5. 76. Stage hydrographs for Gauge NP-TSB for Alternatives N2, O, Q, and ECB19RR.

H-5.1.13 GAUGE STAGE DURATION CURVES

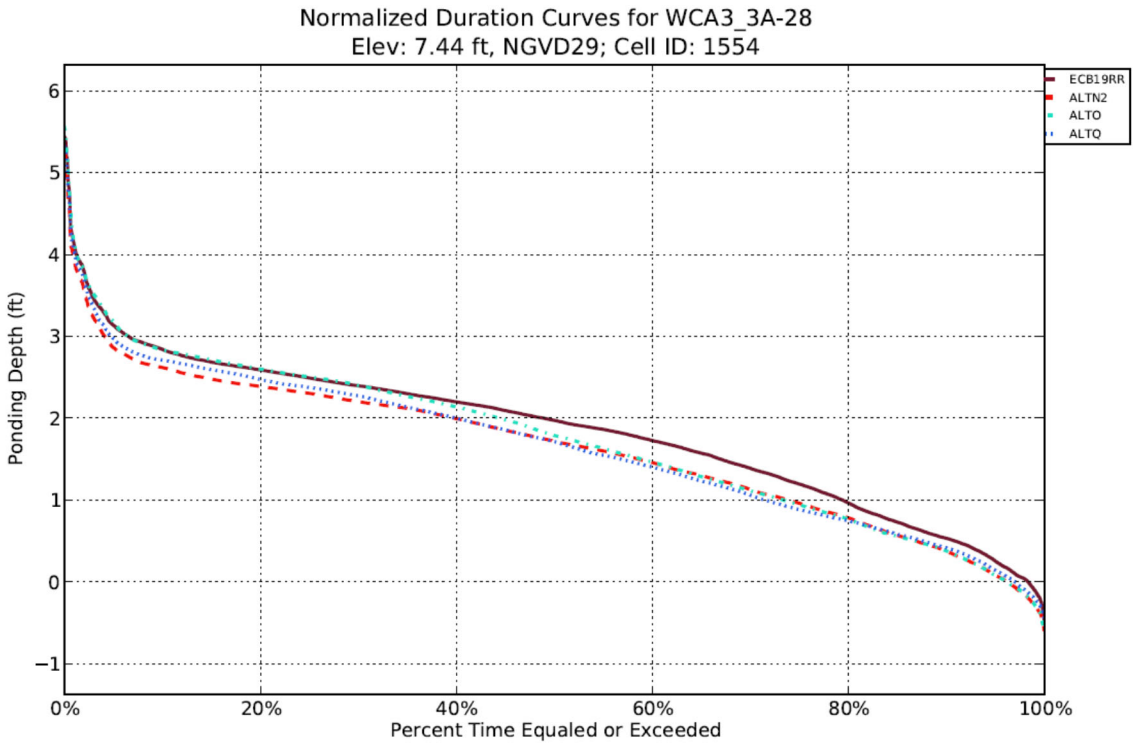

Figure H-5. 77. Stage duration curves for Gauge WCA3_3A-28 for Alternatives N2, O, Q, and ECB19RR.

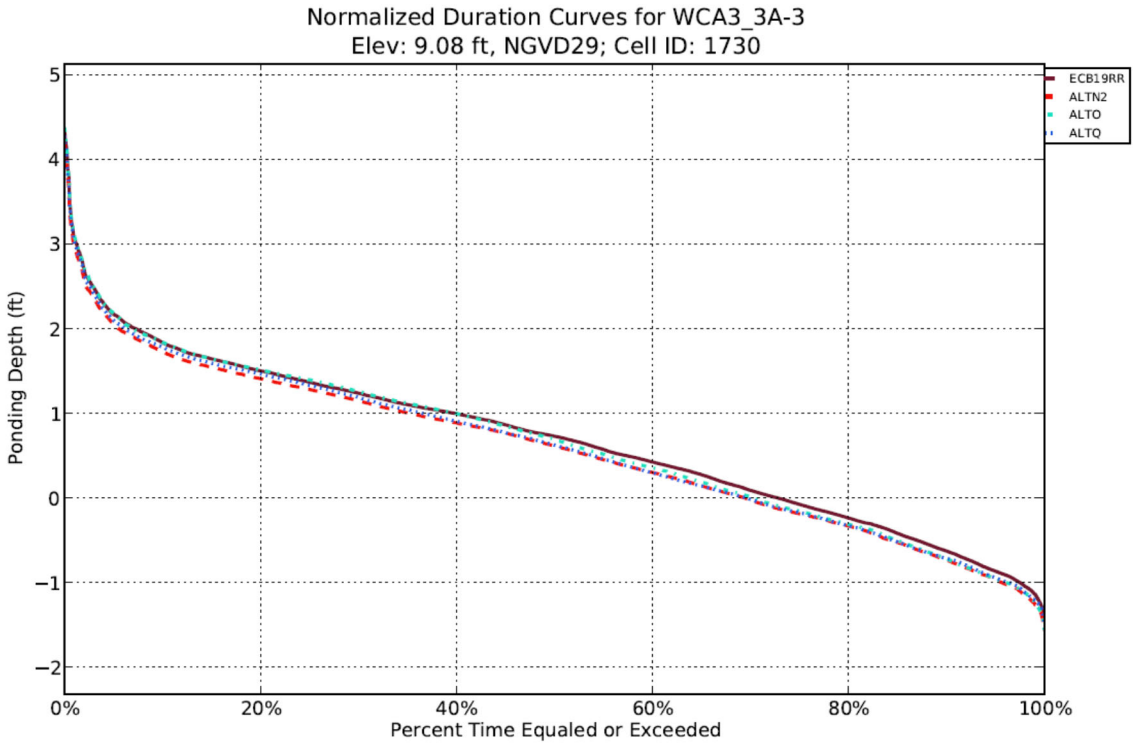

Figure H-5. 78. Stage duration curves for Gauge WCA3_3A-3 for Alternatives N2, O, Q, and ECB19RR.

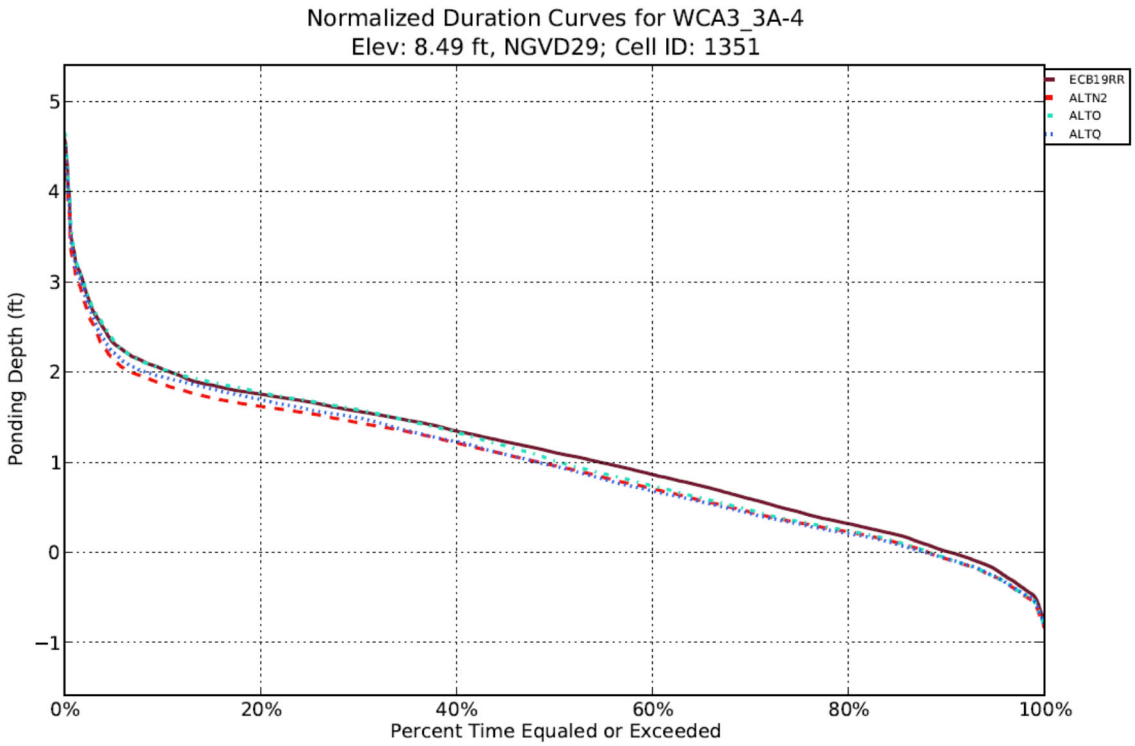

Figure H-5. 79. Stage duration curves for Gauge WCA3_3A-4 for Alternatives N2, O, Q, and ECB19RR.

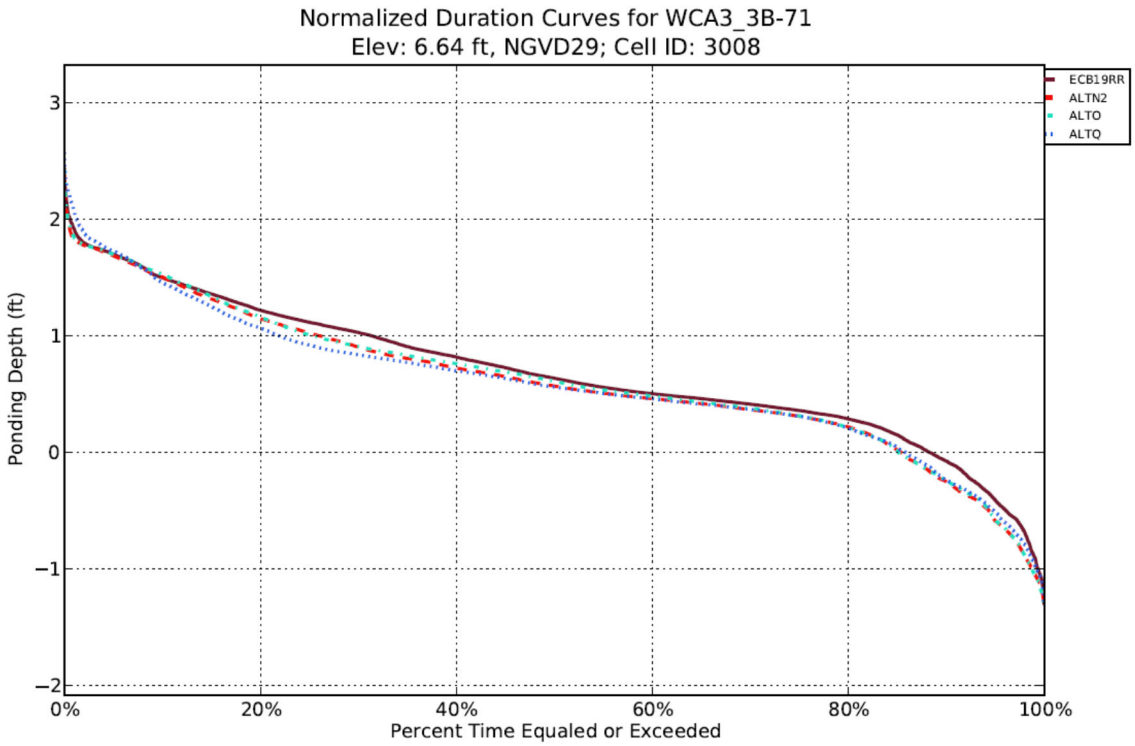

Figure H-5. 80. Stage duration curves for Gauge WCA3_3B-71 for Alternatives N2, O, Q, and ECB19RR.

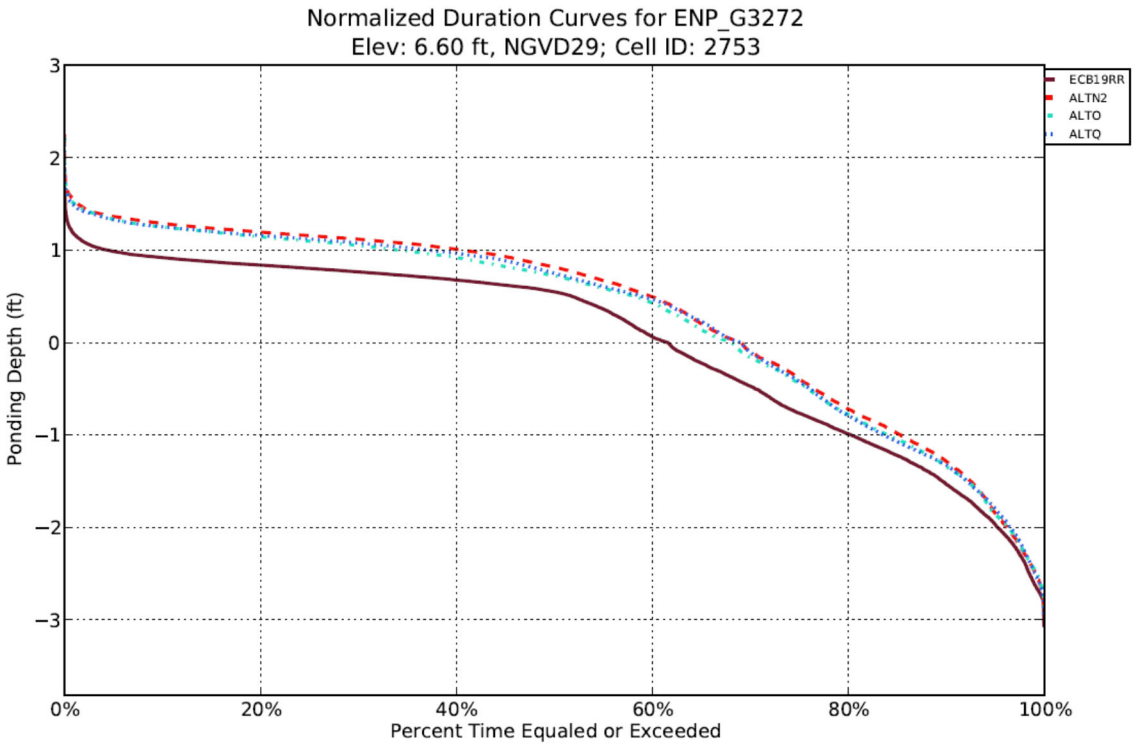

Figure H-5. 81. Stage duration curves for Gauge G-3272 for Alternatives N2, O, Q, and ECB19RR.

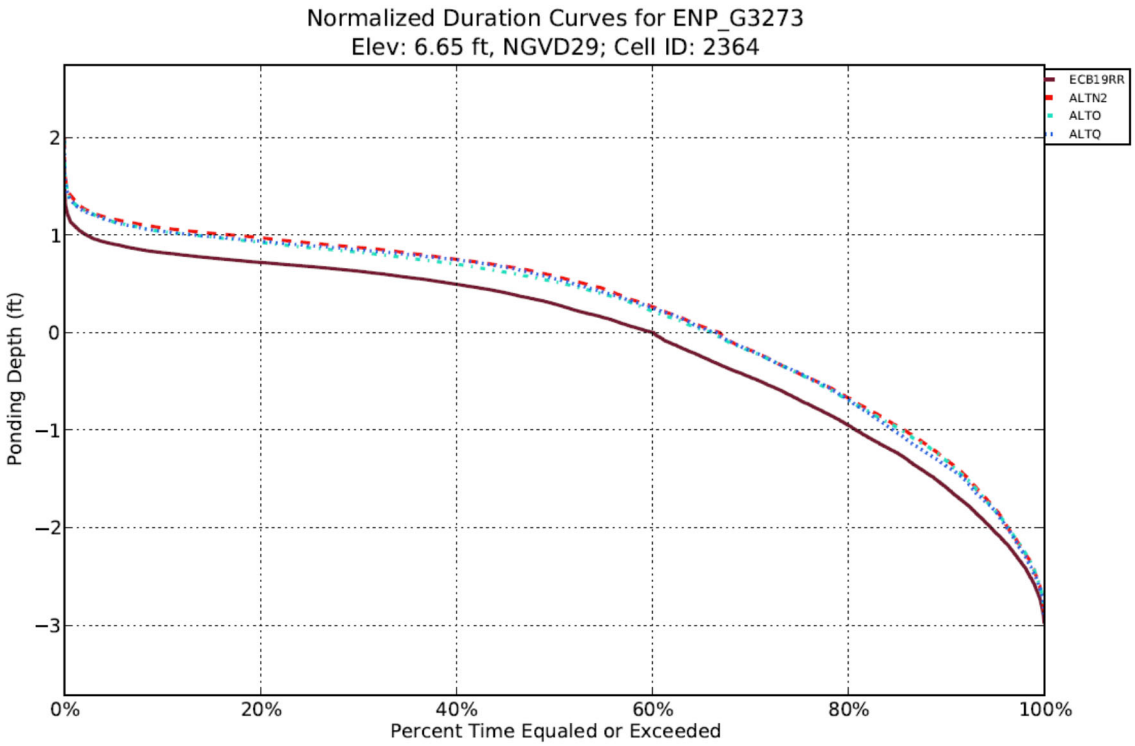

Figure H-5. 82. Stage duration curves for Gauge G-3273 for Alternatives N2, O, Q, and ECB19RR.

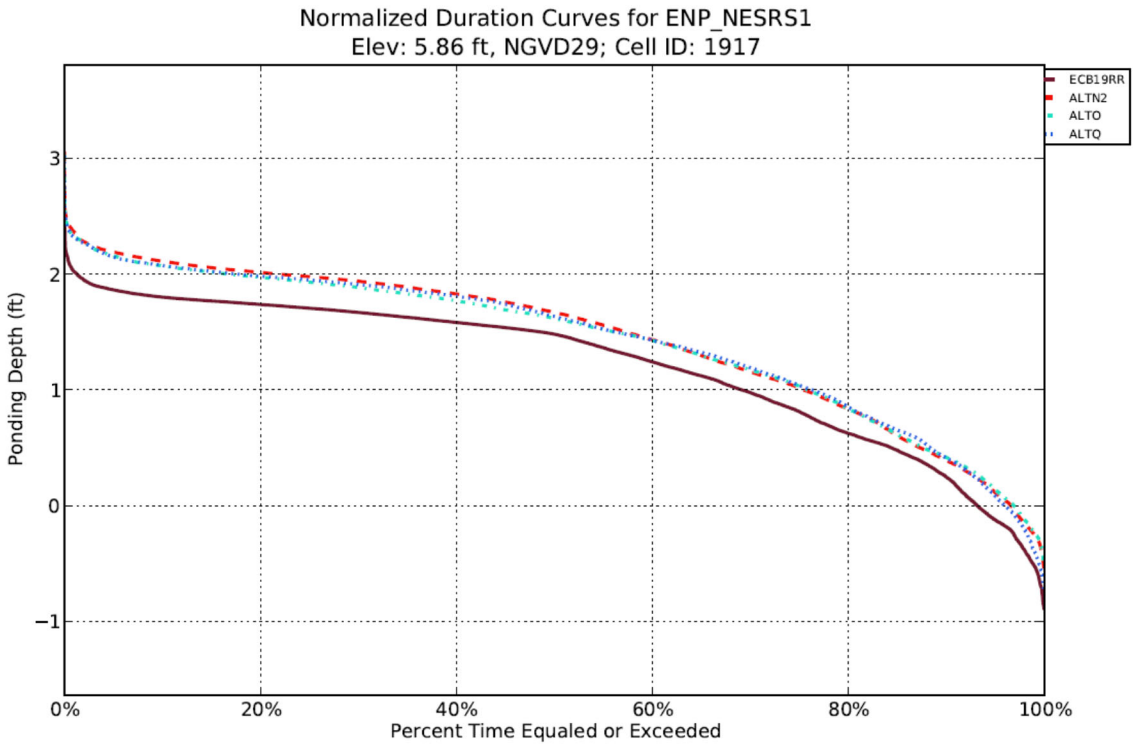

Figure H-5. 83. Stage duration curves for Gauge ENP_NESRS1 for Alternatives N2, O, Q, and ECB19RR.

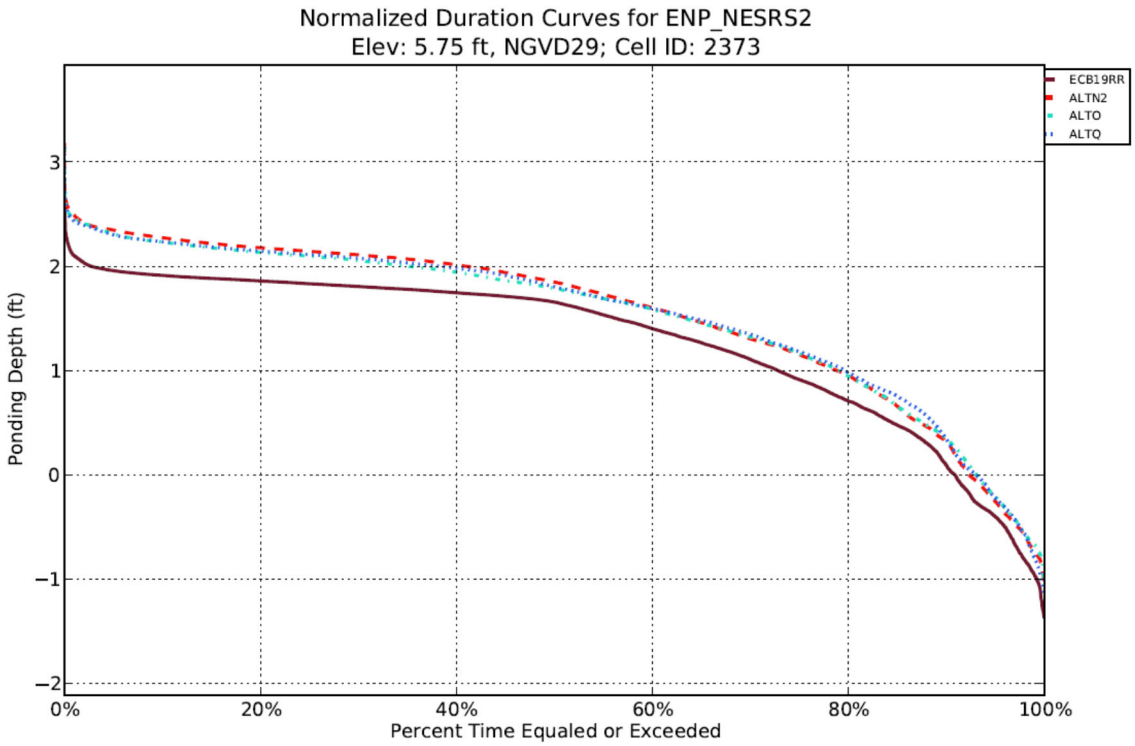

Figure H-5. 84. Stage duration curves for Gauge ENP_NESRS2 for Alternatives N2, O, Q, and ECB19RR.

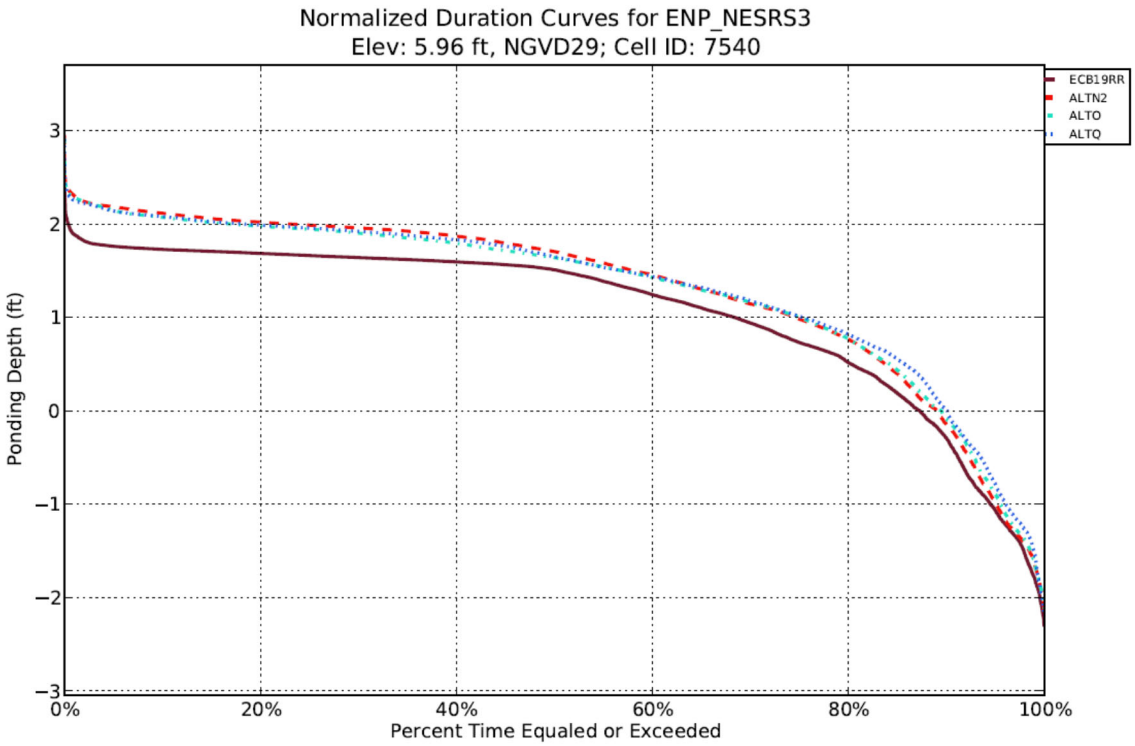

Figure H-5. 85. Stage duration curves for Gauge ENP_NESRS3 for Alternatives N2, O, Q, and ECB19RR.

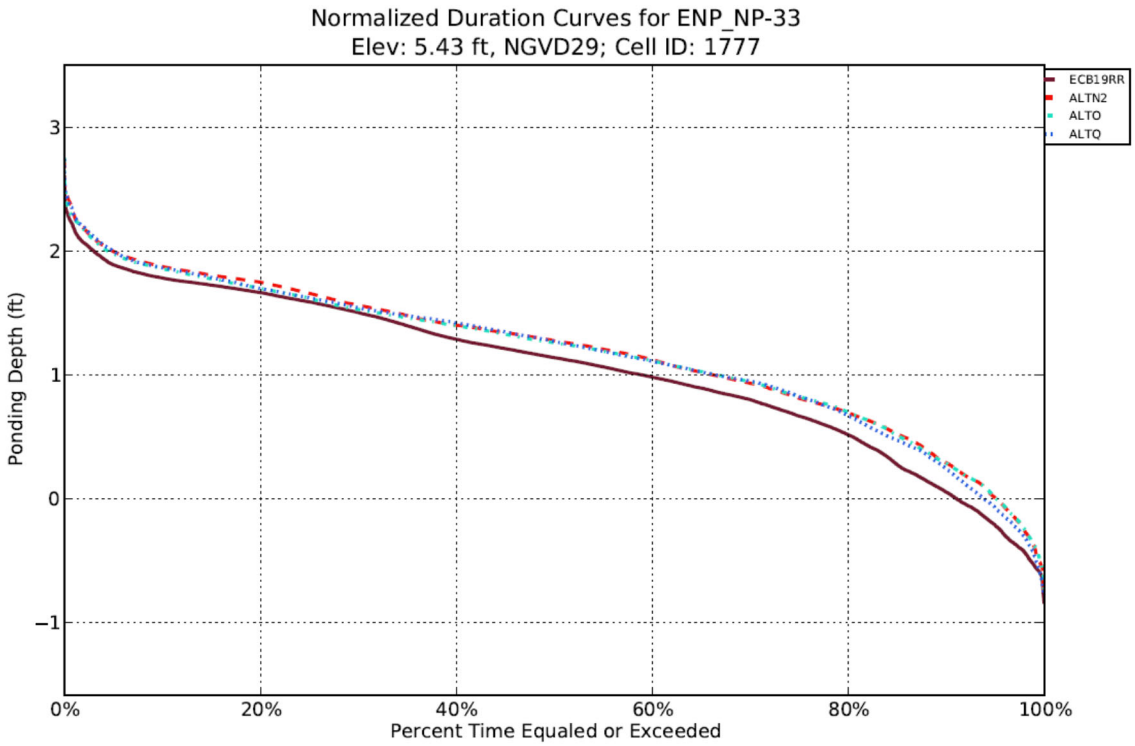

Figure H-5. 86. Stage duration curves for Gauge ENP_NP-33 for Alternatives N2, O, Q, and ECB19RR.

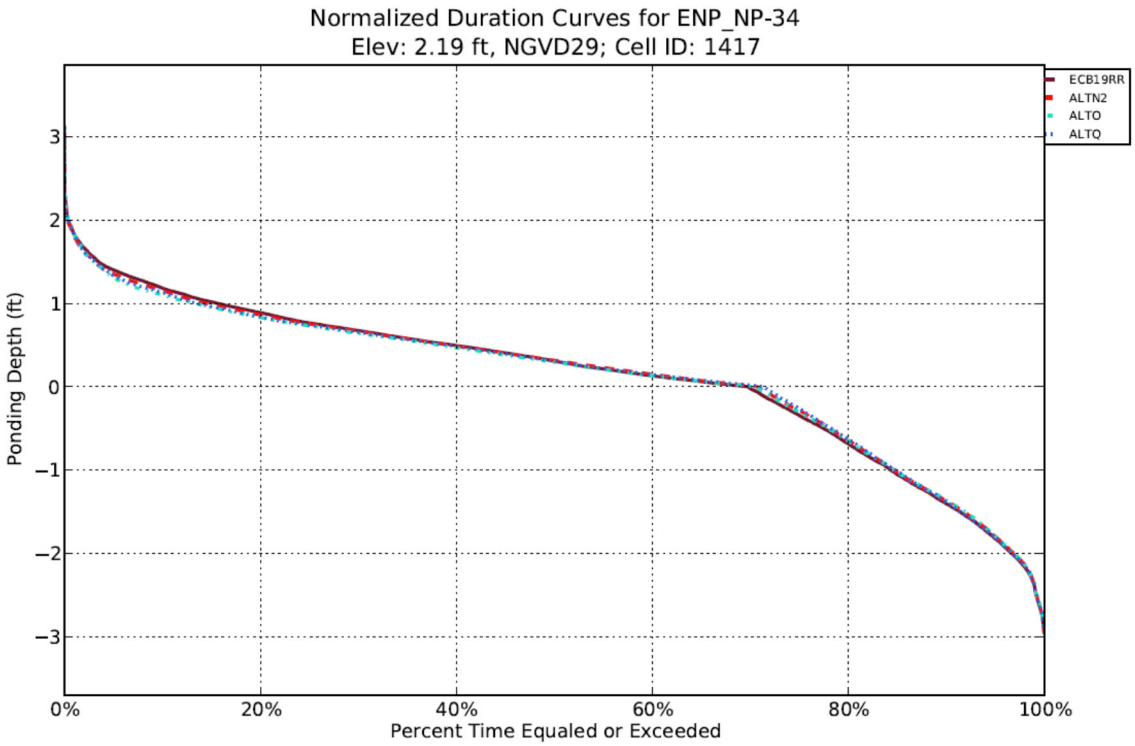

Figure H-5. 87. Stage duration curves for Gauge ENP_NP-34 for Alternatives N2, O, Q, and ECB19RR.

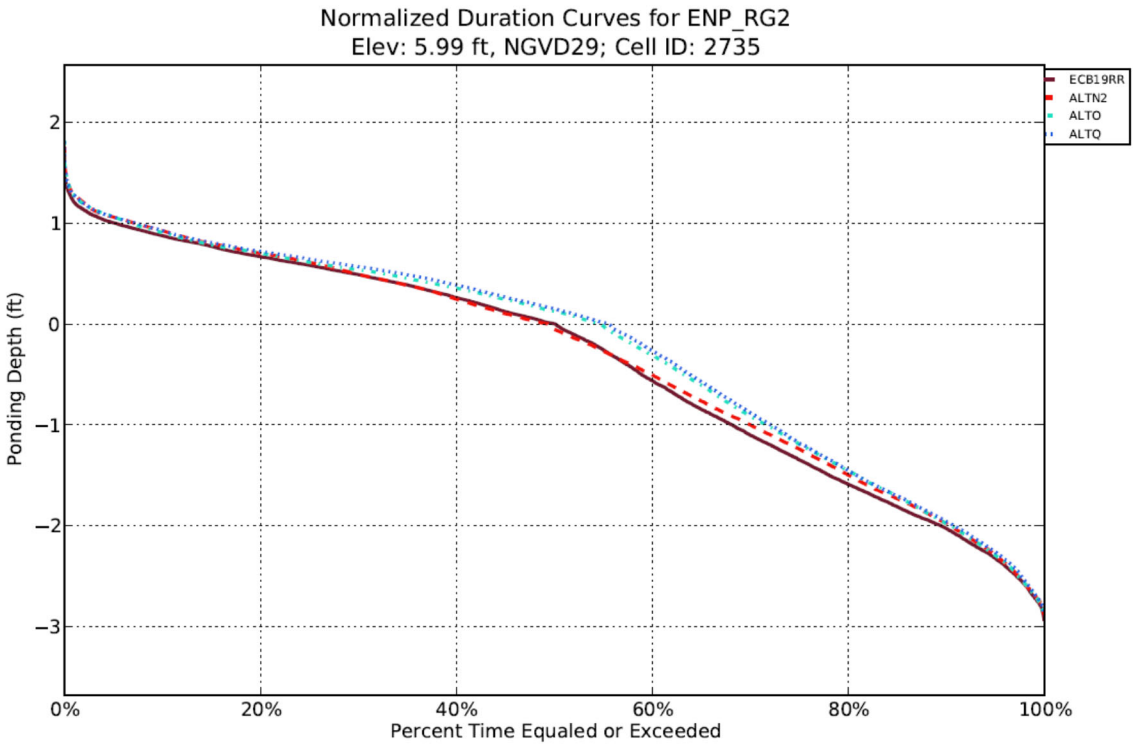

Figure H-5. 88. Stage duration curves for Gauge ENP_RG2 for Alternatives N2, O, Q, and ECB19RR.

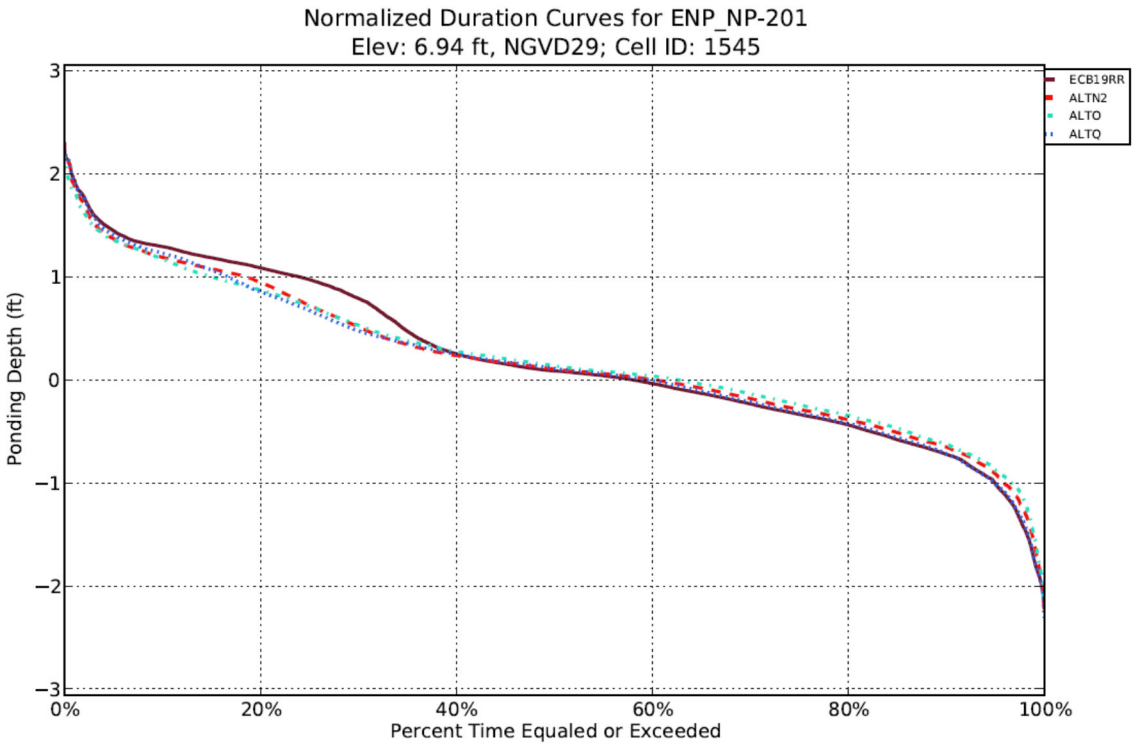

Figure H-5. 89. Stage duration curves for Gauge ENP_NP-201 for Alternatives N2, O, Q, and ECB19RR.

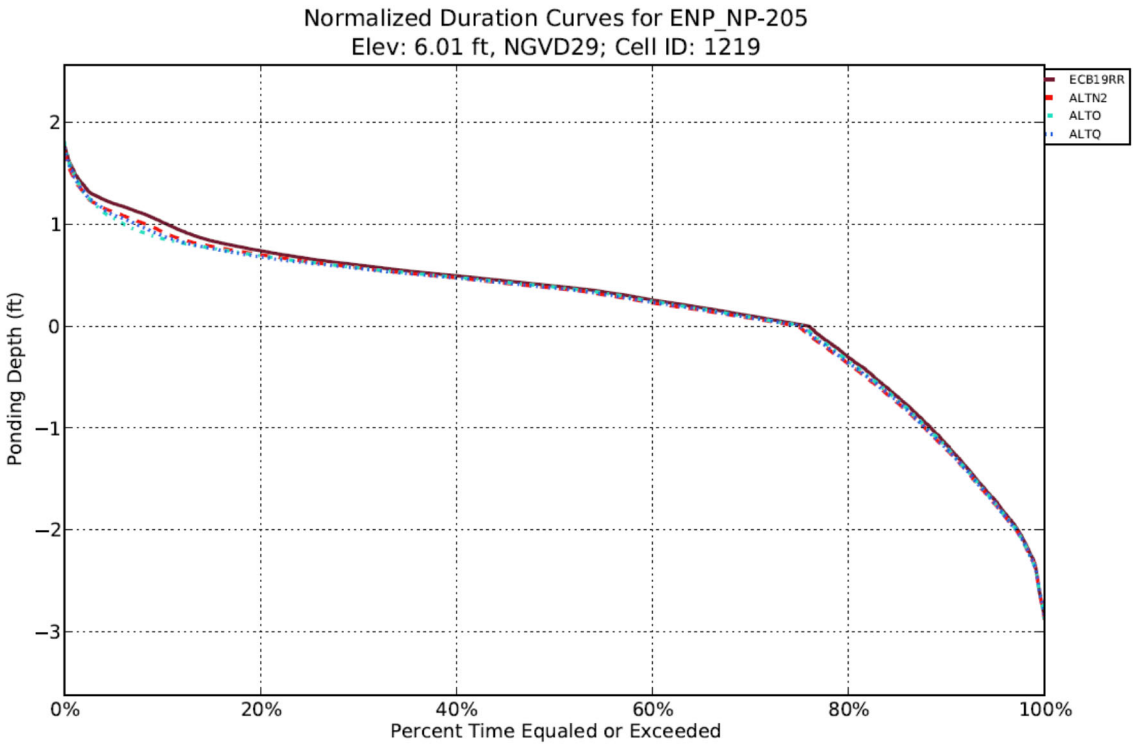

Figure H-5. 90. Stage duration curves for Gauge ENP_NP-205 for Alternatives N2, O, Q, and ECB19RR.

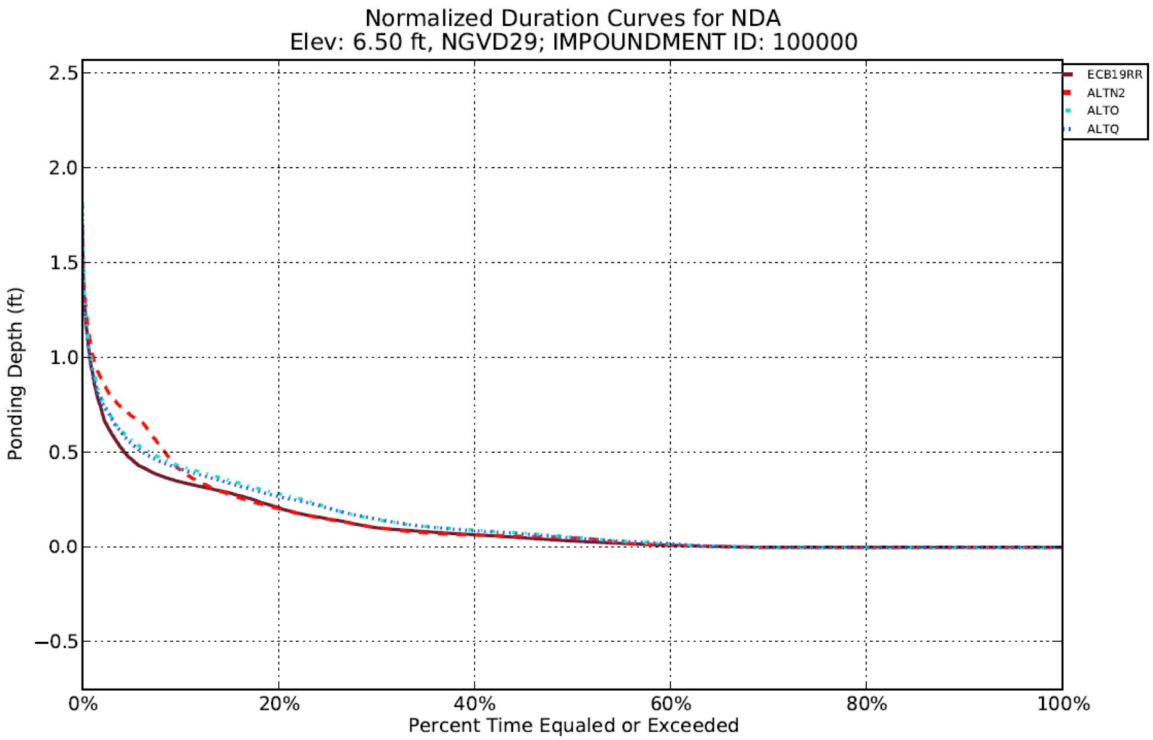

Figure H-5. 91. Stage duration curves for Gauge NDA for Alternatives N2, O, Q, and ECB19RR.

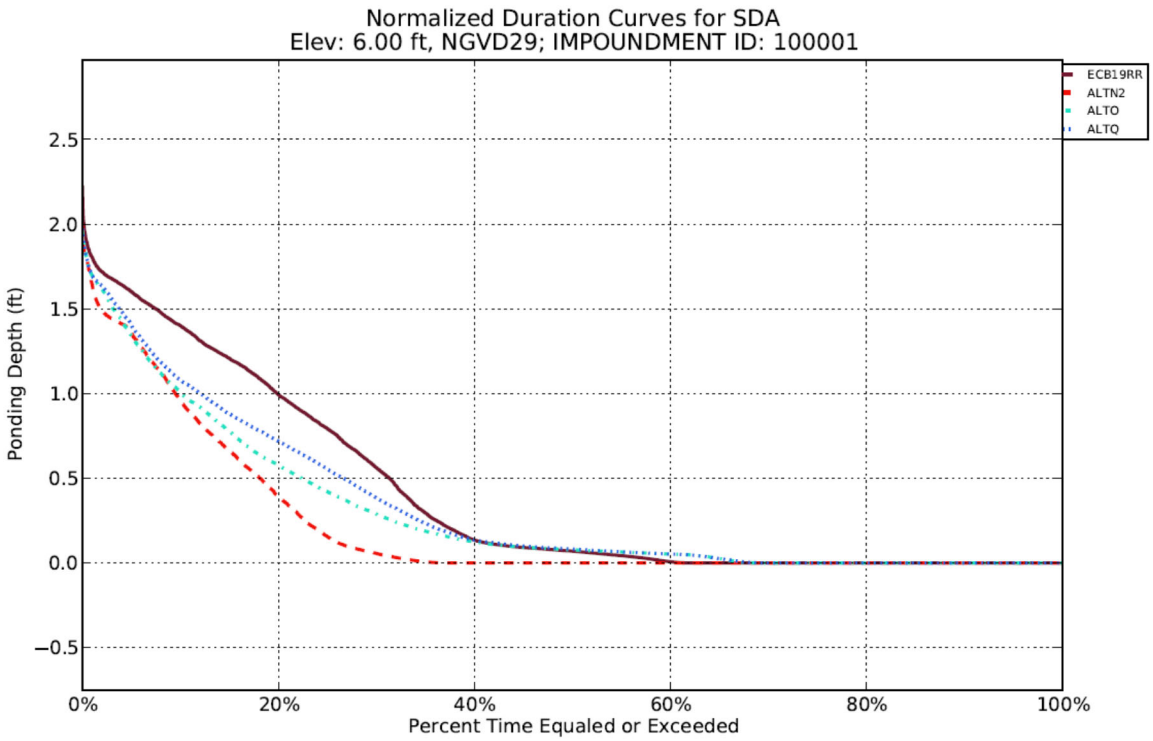

Figure H-5. 92. Stage duration curves for Gauge SDA for Alternatives N2, O, Q, and ECB19RR.

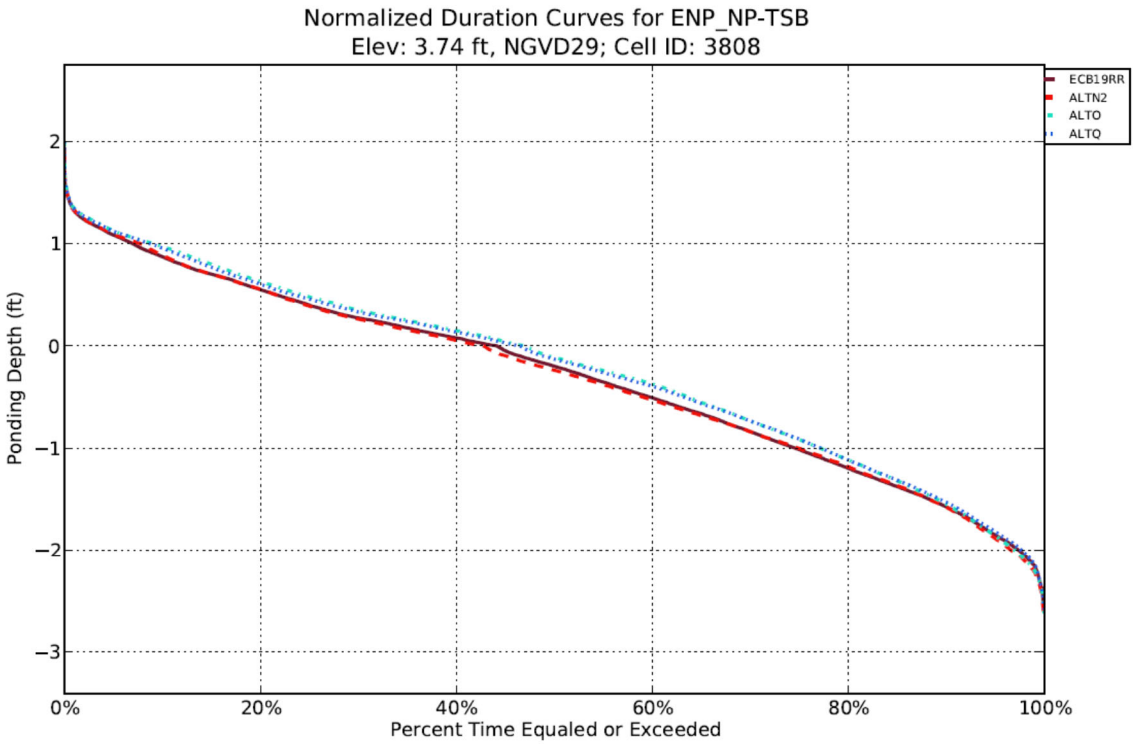

Figure H-5. 93. Stage duration curves for Gauge ENP_NP-TSB for Alternatives N2, O, Q, and ECB19RR.

H-5.1.14 CANAL STAGE HYDROGRAPHS

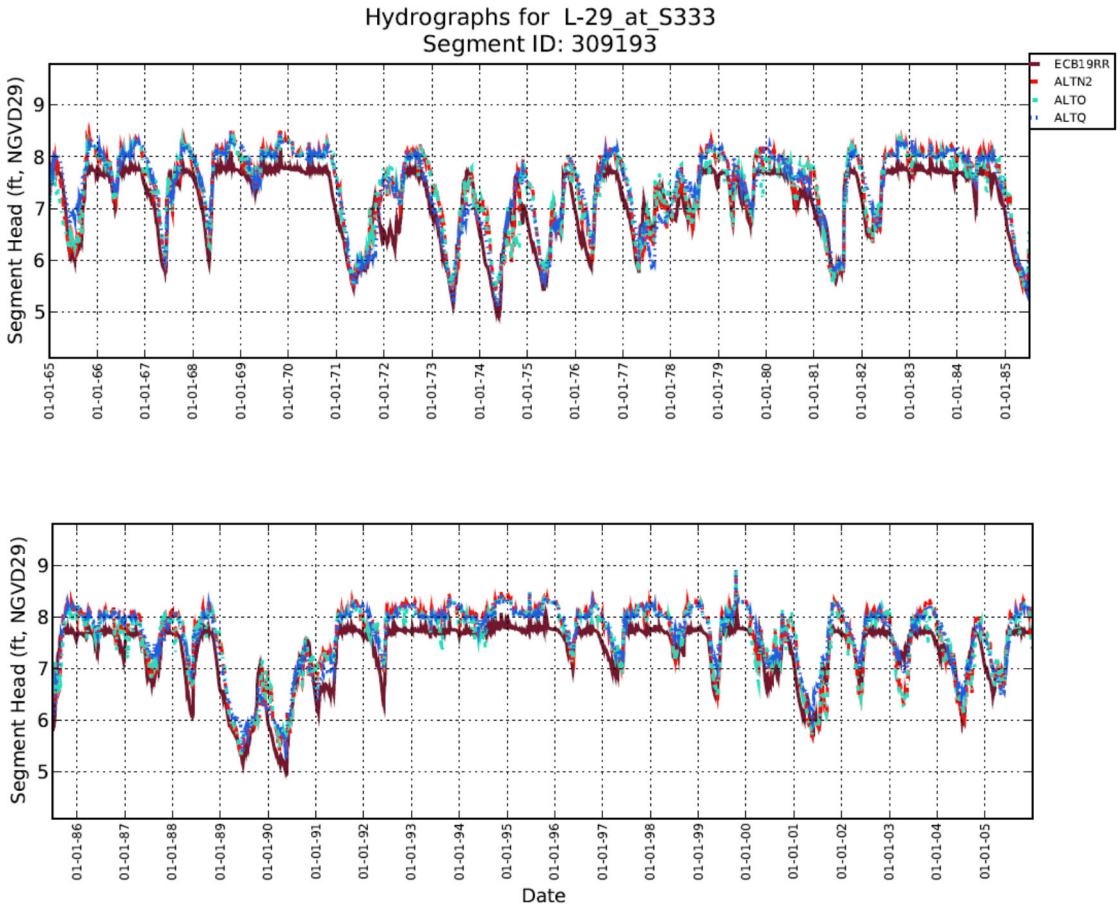

Figure H-5. 94. Stage hydrographs for L-29 Canal at S333 for Alternatives N2, O, Q, and ECB19RR.

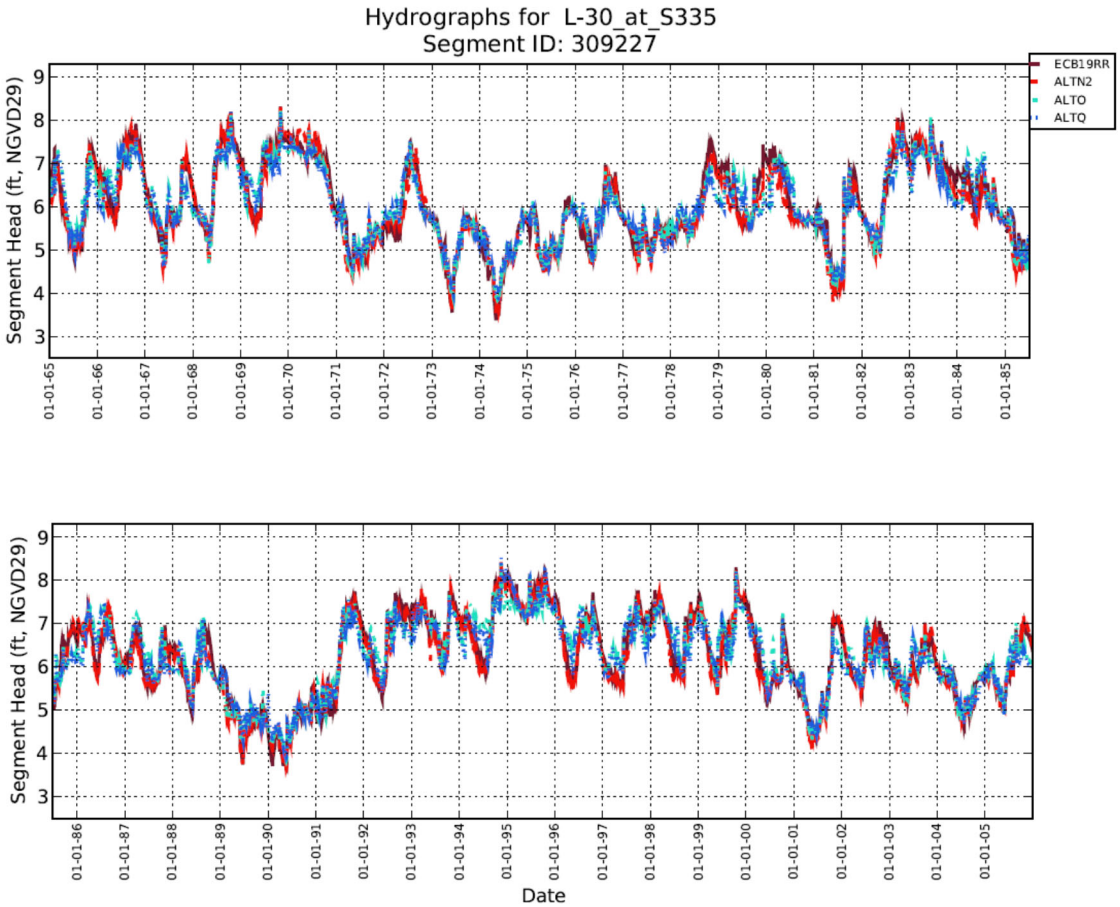

Figure H-5. 95. Stage hydrographs for L-30 Canal at S-335 for Alternatives N2, O, Q, and ECB19RR.

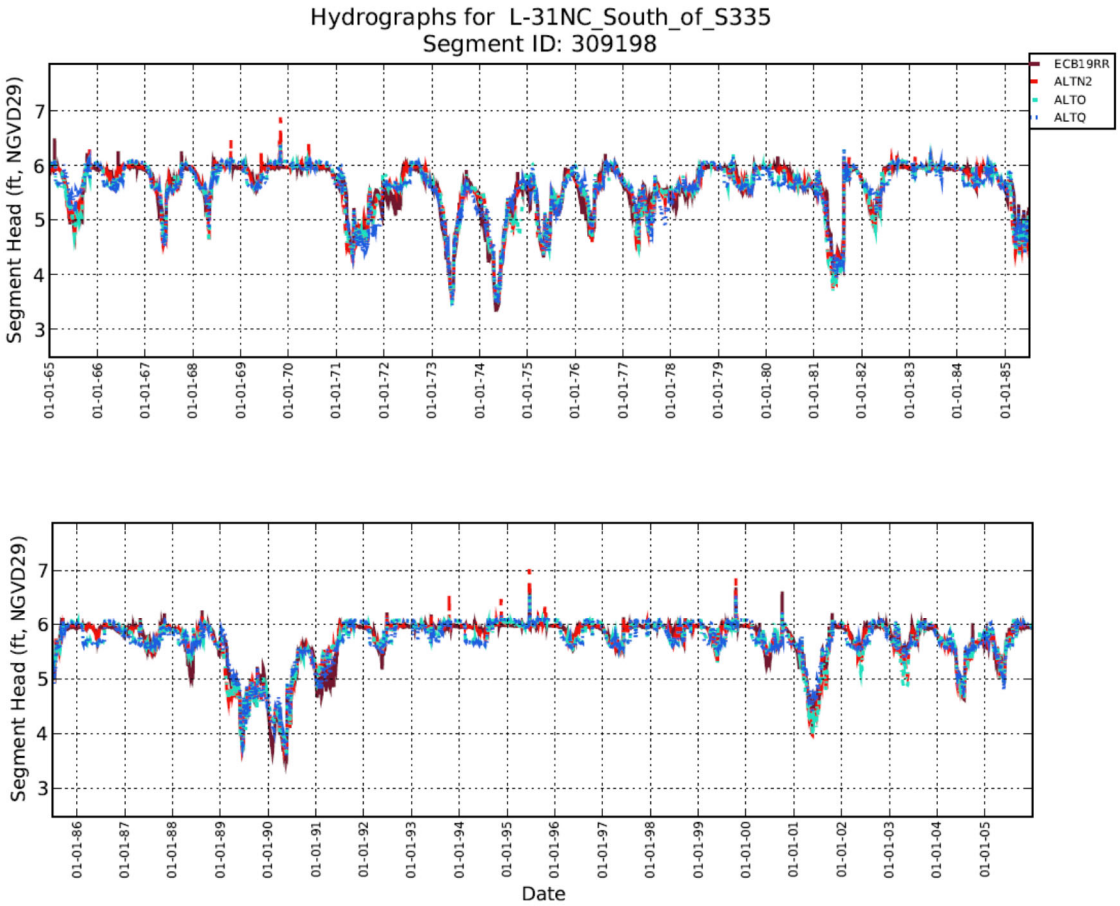

Figure H-5. 96. Stage hydrographs for L-31N Canal South of S-335 for Alternatives N2, O, Q, and ECB19RR.

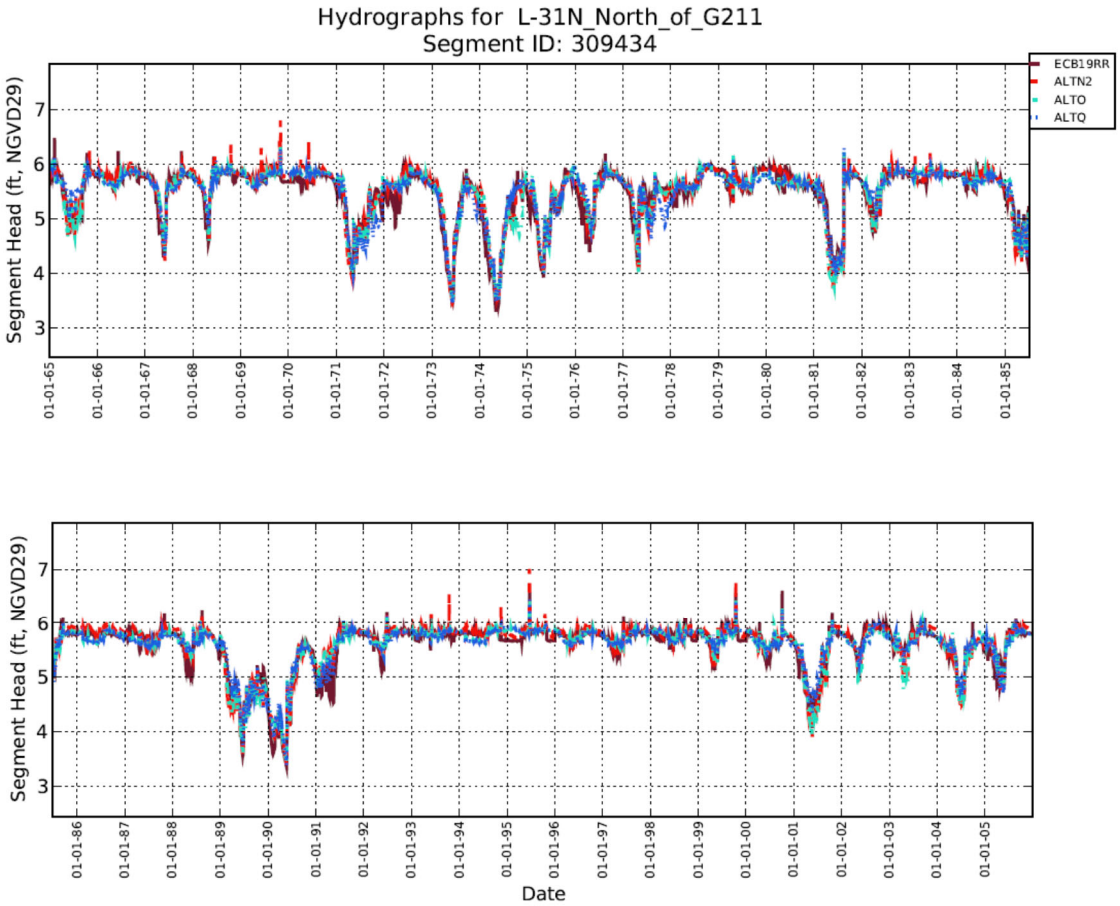

Figure H-5. 97. Stage hydrographs for L-31N Canal North of G-211 for Alternatives N2, O, Q, and ECB19RR.

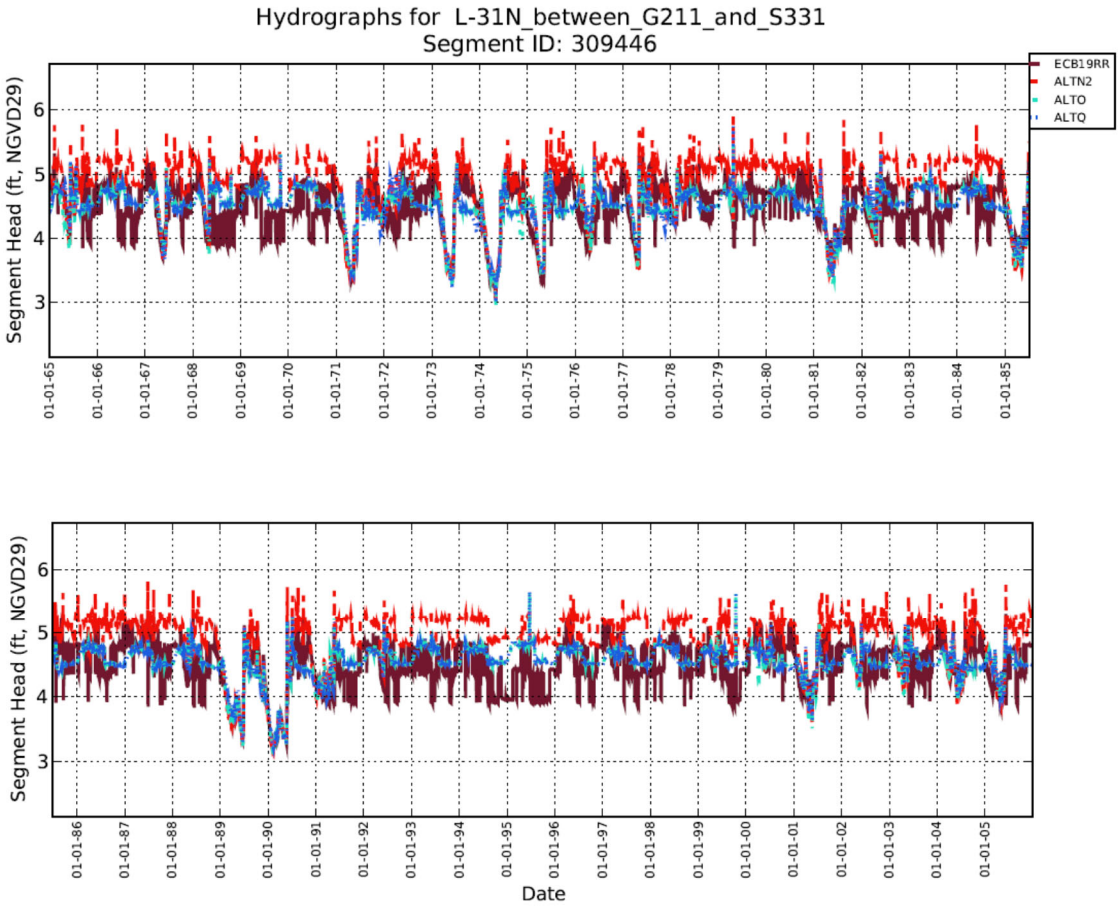

Figure H-5. 98. Stage hydrographs for L-31N Canal between G-211 and S-331 for Alternatives N2, O, Q, and ECB19RR.

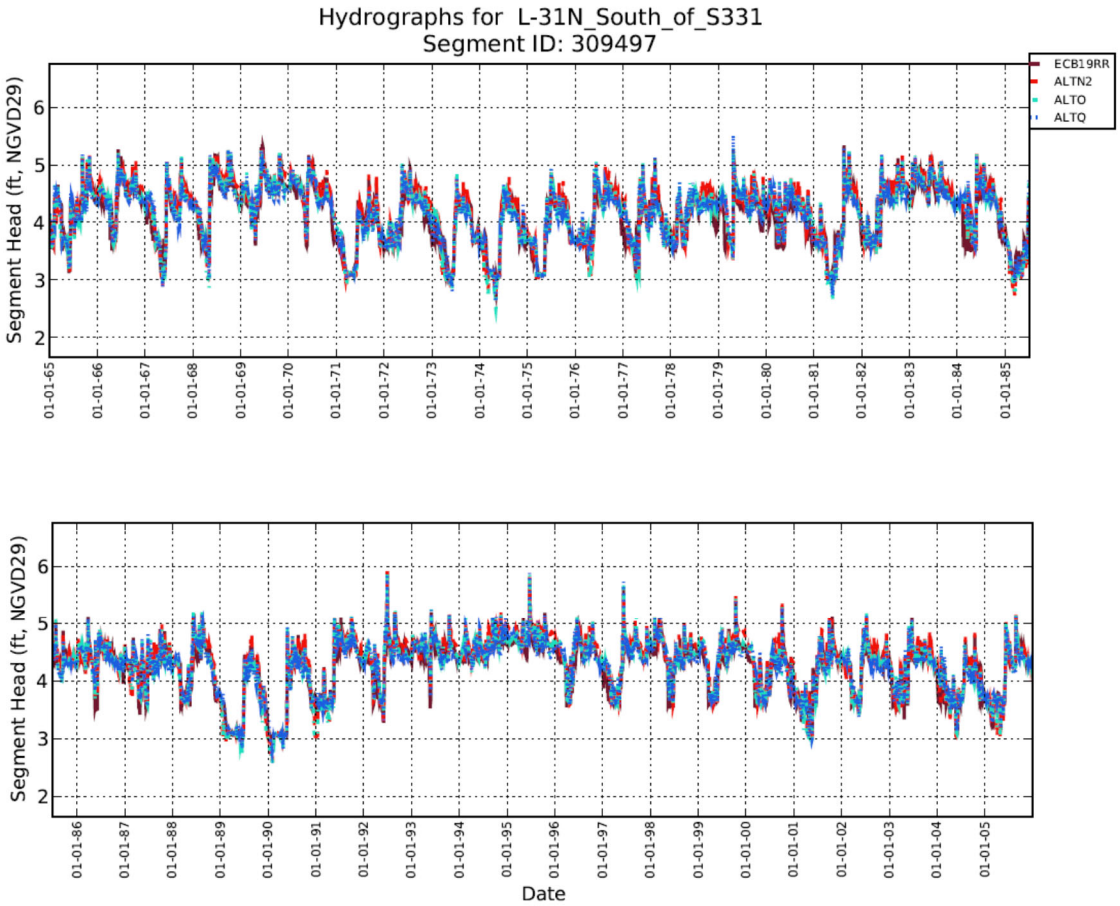

Figure H-5. 99. Stage hydrographs for L-31N Canal South of S-331 for Alternatives N2, O, Q, and ECB19RR.

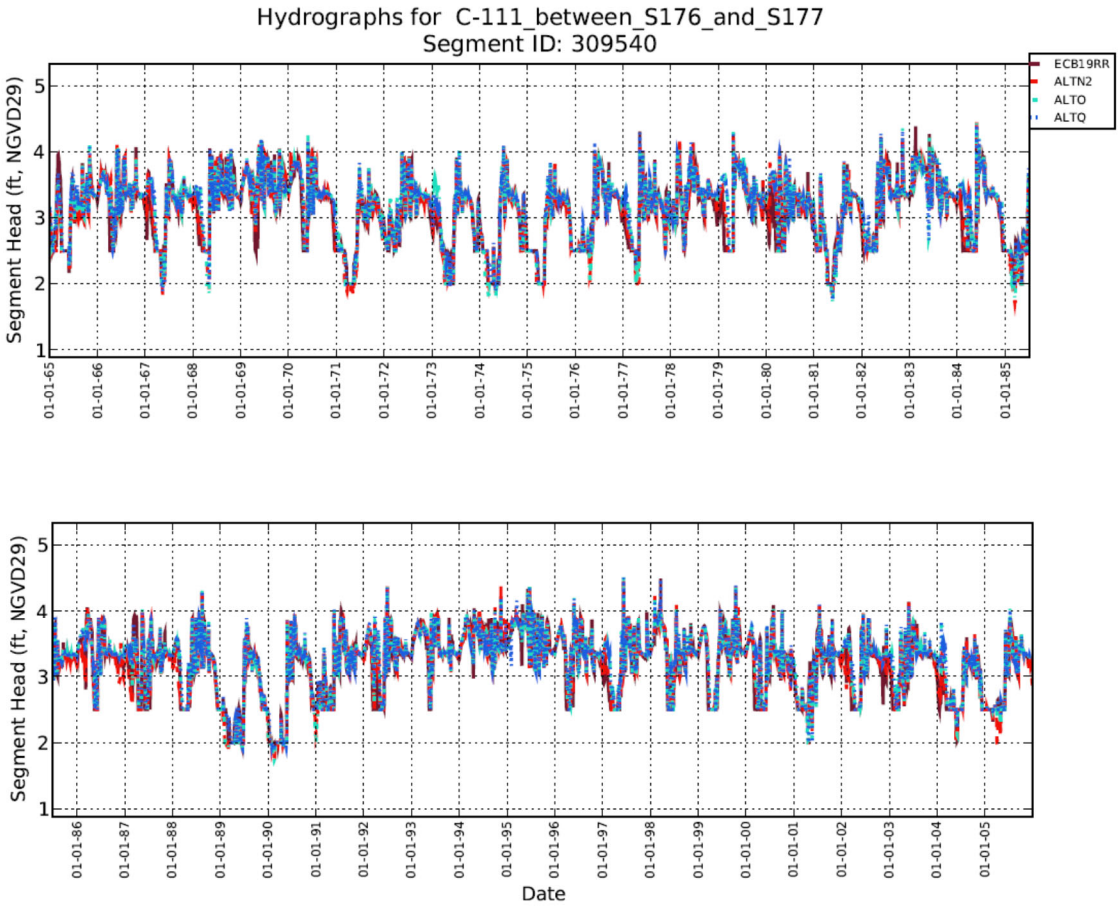

Figure H-5. 100. Stage hydrographs for C-111 Canal between S-176 and S-177 for Alternatives N2, O, Q, and ECB19RR.

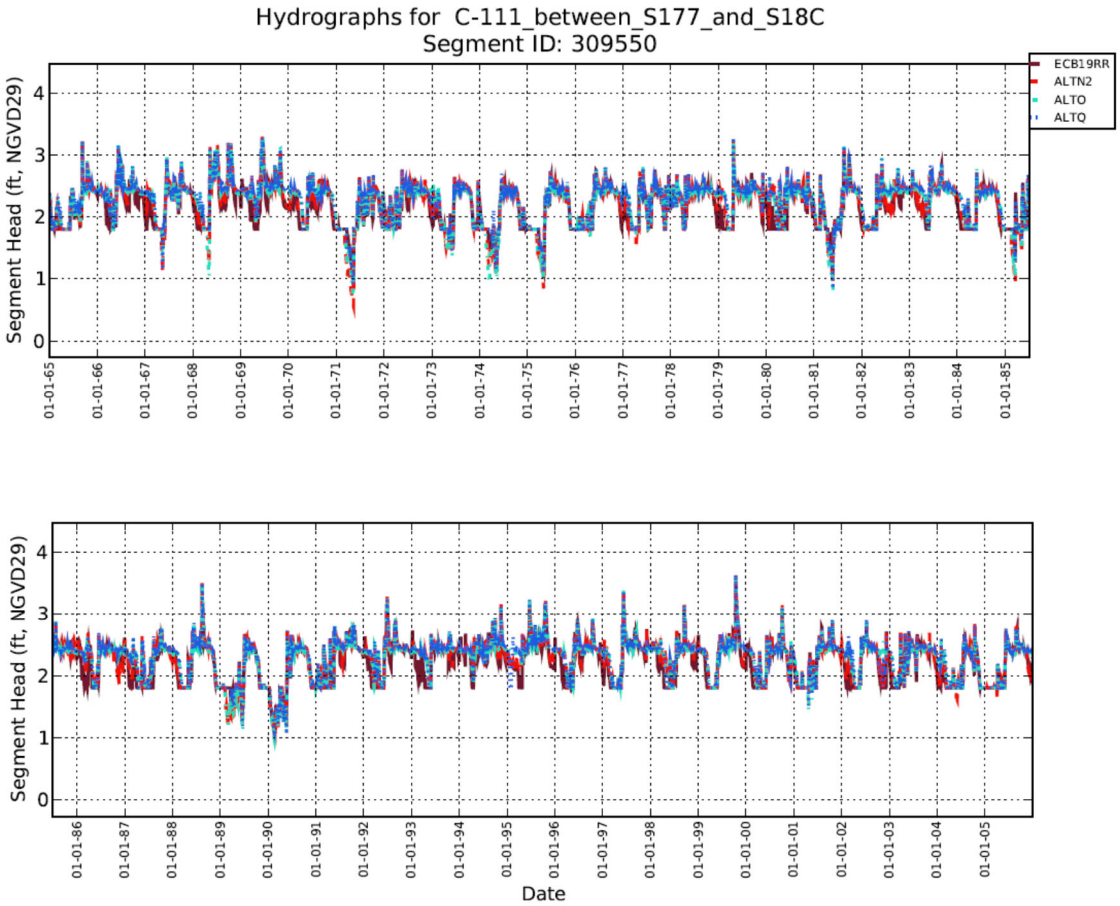

Figure H-5. 101. Stage hydrographs for C-111 Canal between S-177 and S-18C for Alternatives N2, O, Q, and ECB19RR.

H-5.1.15 CANAL STAGE DURATIONS

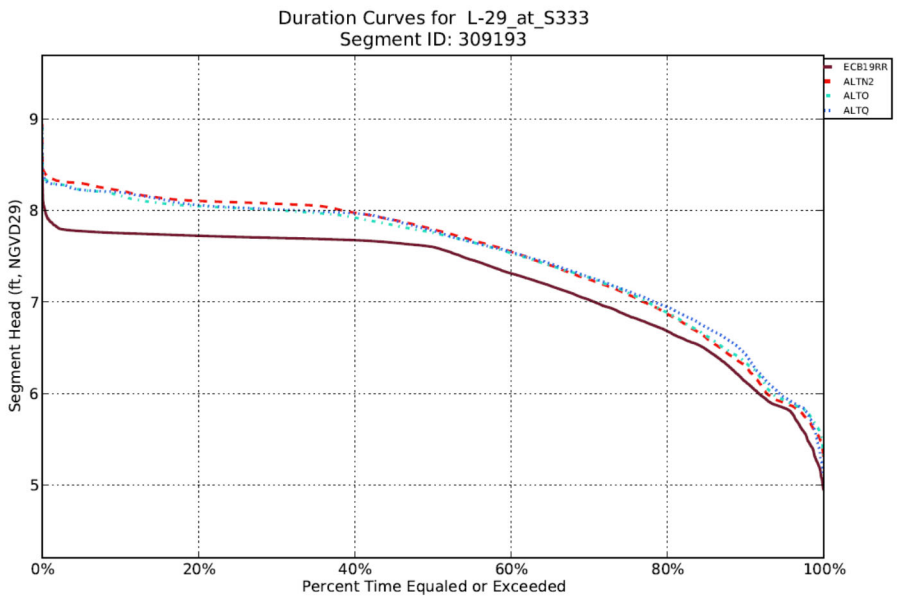

Figure H-5. 102. Stage duration curves for L-29 Canal_at_S333 for Alternatives N2, O, Q, and ECB19RR.

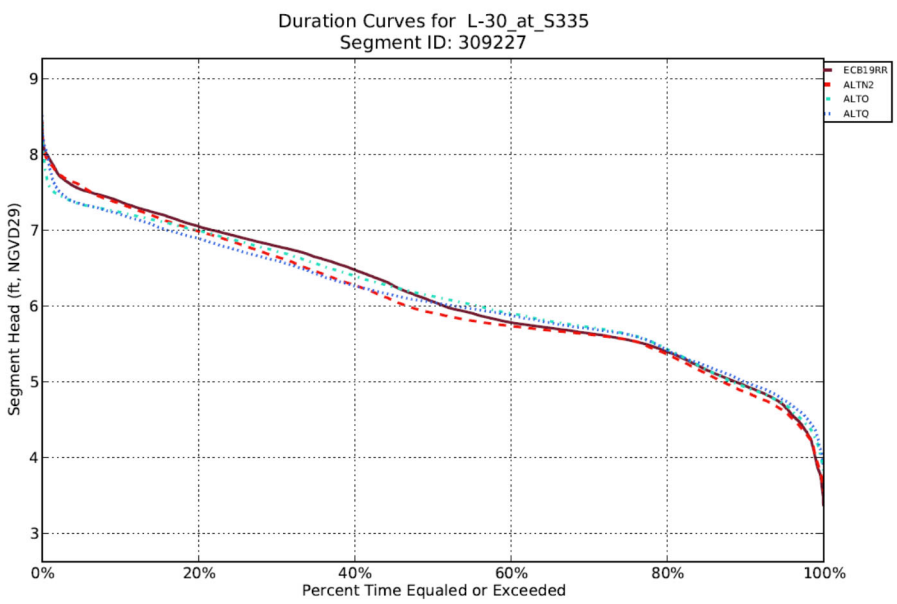

Figure H-5. 103. Stage duration curves for L-30 Canal at S-335 for Alternatives N2, O, Q, and ECB19RR.

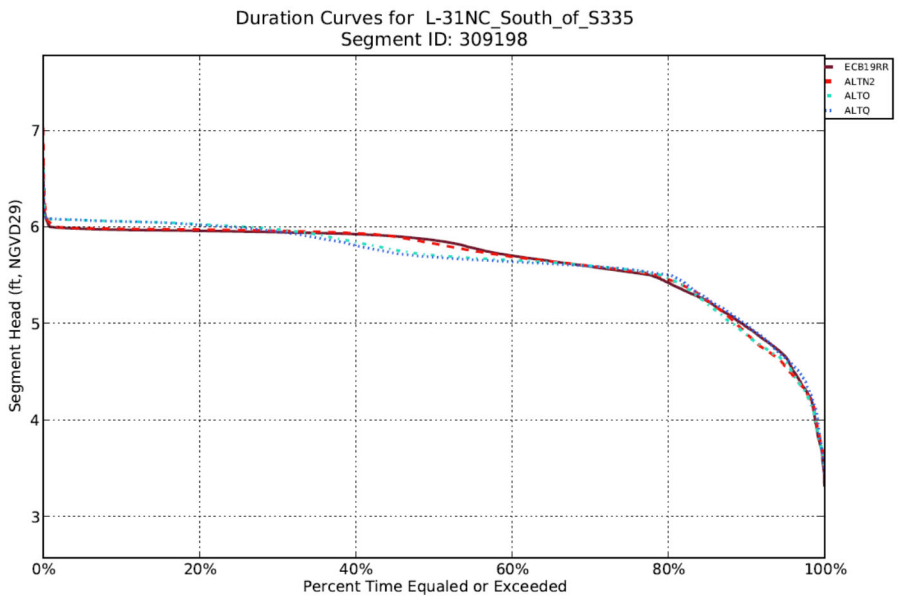

Figure H-5. 104. Stage duration curves for L-31N Canal South of S-335 for Alternatives N2, O, Q, and ECB19RR.

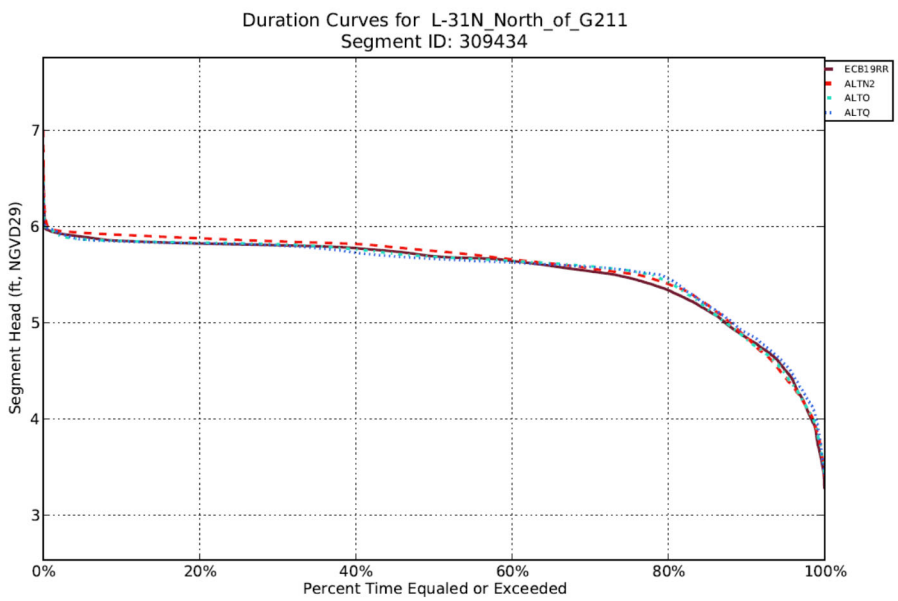

Figure H-5. 105. Stage duration curves for L-31N Canal North of G-211 for Alternatives N2, O, Q, and ECB19RR.

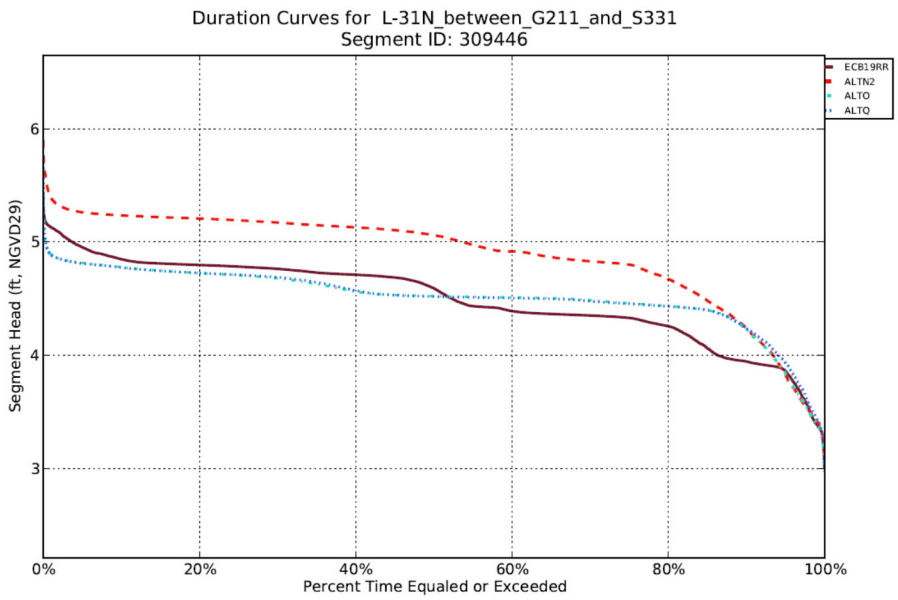

Figure H-5. 106. Stage duration curves for L-31N Canal between G-211 and S-331 for Alternatives N2, O, Q, and ECB19RR.

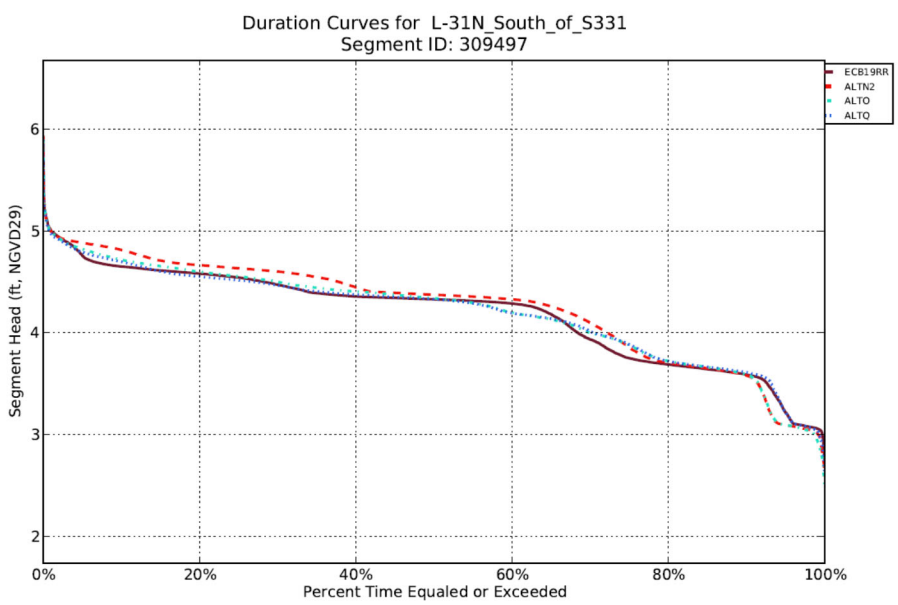

Figure H-5. 107. Stage duration curves for L-31N Canal South of S-331 for Alternatives N2, O, Q, and ECB19RR.

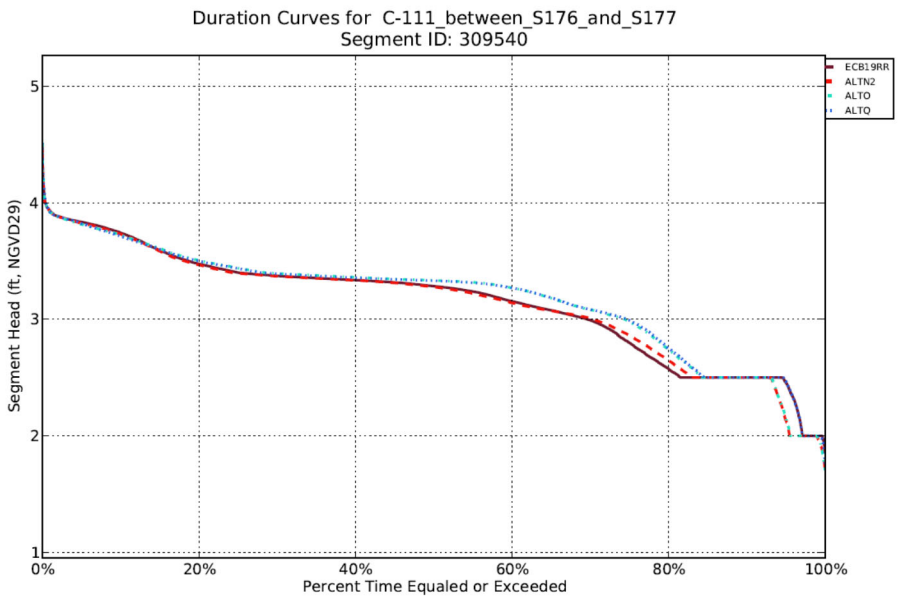

Figure H-5. 108. Stage duration curves for C-111 Canal between S-176 and S-177 for Alternatives N2, O, Q, and ECB19RR.

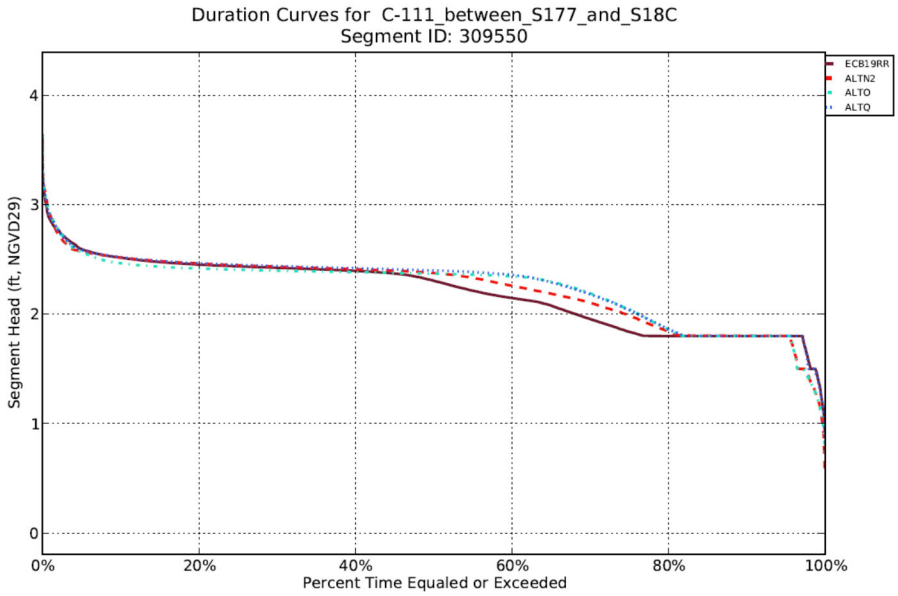

Figure H-5. 109. Stage duration curves for C-111 Canal between S-177 and S-18C for Alternatives N2, O, Q, and ECB19RR.

H-5.2 MDRSM – ROUND 3 RESULTS

H-5.2.1 CRITICAL FLOW SUMMARY

Critical Flows Report....[1]

```
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P.O.R:    01MAY2005 0015--30APR2006 2300
Files are---->
83BASE   /nw/hesm_nas/projects/MWD_SouthDade/MDRSM/Round3/050219/COP/83BASE/output_wet/mdrsm_canal_flow_output.dss
94GRR   /nw/hesm_nas/projects/MWD_SouthDade/MDRSM/Round3/050219/COP/94GRR/output_wet/mdrsm_canal_flow_output.dss
ECB19RR   /nw/hesm_nas/projects/MWD_SouthDade/MDRSM/Round3/050219/COP/ECB19RR/output_wet/mdrsm_canal_flow_output.dss
ALTQ   /nw/hesm_nas/projects/MWD_SouthDade/MDRSM/Round3/050219/COP/ALTQ/output_wet/mdrsm_canal_flow_output.dss
All values (annual average are in Kac-ft)
```

[1]Modeling Section
South Florida Water Management District

Table 1. South-Dade

	83BASE	94GRR	ECB19RR	ALTQ
G211	−901.0	24.1	195.5	96.3
G737	−901.0	−901.0	0.5	0.0
G93	12.9	15.2	11.1	11.0
S12C	383.1	232.3	202.9	189.8
S12D	442.7	264.8	246.7	242.3
S123	36.3	36.3	33.3	34.4
S175	71.2	19.6	−901.0	−901.0
S176	25.7	14.8	29.3	17.9
S177	67.6	112.2	95.7	89.1
S178	0.0	0.1	0.0	0.0
S179	65.2	68.2	60.1	55.3
S18C	131.7	152.4	189.6	207.1
S194	34.0	43.0	29.1	37.3
S195	0.1	0.1	0.1	0.1
S196	40.9	49.5	20.8	12.3
S197	70.7	22.7	114.0	66.8
S199	−901.0	−901.0	62.1	101.7
S20	2.9	11.6	2.8	2.4
S20F	128.8	129.2	126.2	120.2
S20G	58.6	58.1	44.8	44.4
S200	−901.0	−901.0	75.5	39.4
S202	−901.0	−901.0	14.5	11.3
S21A	64.4	80.7	65.2	63.6
S21	238.7	233.5	194.2	224.9
S22	189.4	198.6	136.3	137.3
S25	4.5	4.5	4.3	4.4
S25A	2.1	2.1	2.2	2.2
S25B	86.0	95.2	70.8	69.3
S26	191.3	287.8	136.1	131.8
S327	−901.0	−901.0	159.3	204.2
S328	−901.0	−901.0	53.1	81.0
S331	35.7	12.8	249.8	148.1
S332A	−901.0	48.9	−901.0	−901.0
S332B	−901.0	50.8	121.9	142.6
S332BN	−901.0	−901.0	121.9	125.2
S332C	−901.0	43.8	207.8	161.0
S332D	−901.0	36.5	160.7	224.9
S332DX1	−901.0	−901.0	13.9	0.5
S332E	−901.0	27.5	−901.0	−901.0
S333	0.0	531.4	220.0	575.9
S334	0.0	0.0	0.0	0.0
S151	692.8	89.4	302.8	200.2
S152	−901.0	−901.0	144.4	125.8

Table 2. SouthDade2

	83BASE	94GRR	ECB19RR	ALTQ
C111_CONNECTOR	−901.0	2.0	−901.0	−901.0
S345	−901.0	661.7	−901.0	−901.0
S335	57.6	3.1	253.0	236.5
S336	52.1	9.4	11.7	13.0
S337	144.9	55.9	53.1	18.8
S338	136.3	92.6	73.2	107.0
S355	−901.0	14.6	15.9	0.0
S356_123	−901.0	425.1	152.4	215.8
S356_1234	−901.0	−901.0	175.6	279.7
S357_123	−901.0	138.1	46.9	157.8
S357_1234	−901.0	−901.0	80.2	224.2
S357N	−901.0	−901.0	10.6	51.6
SDNWE	−901.0	−901.0	3.4	3.7
TTCULV	56.7	908.5	55.4	110.8

Table 3. TamiamiTrailBridge

	83BASE	94GRR	ECB19RR	ALTQ
TT_1_MILE_BRDG	−901.0	−901.0	202.0	346.3
TT_2.6_MILE_BRDG	−901.0	−901.0	151.8	354.3

H-5.2.2 FLOW ROUTING MAPS

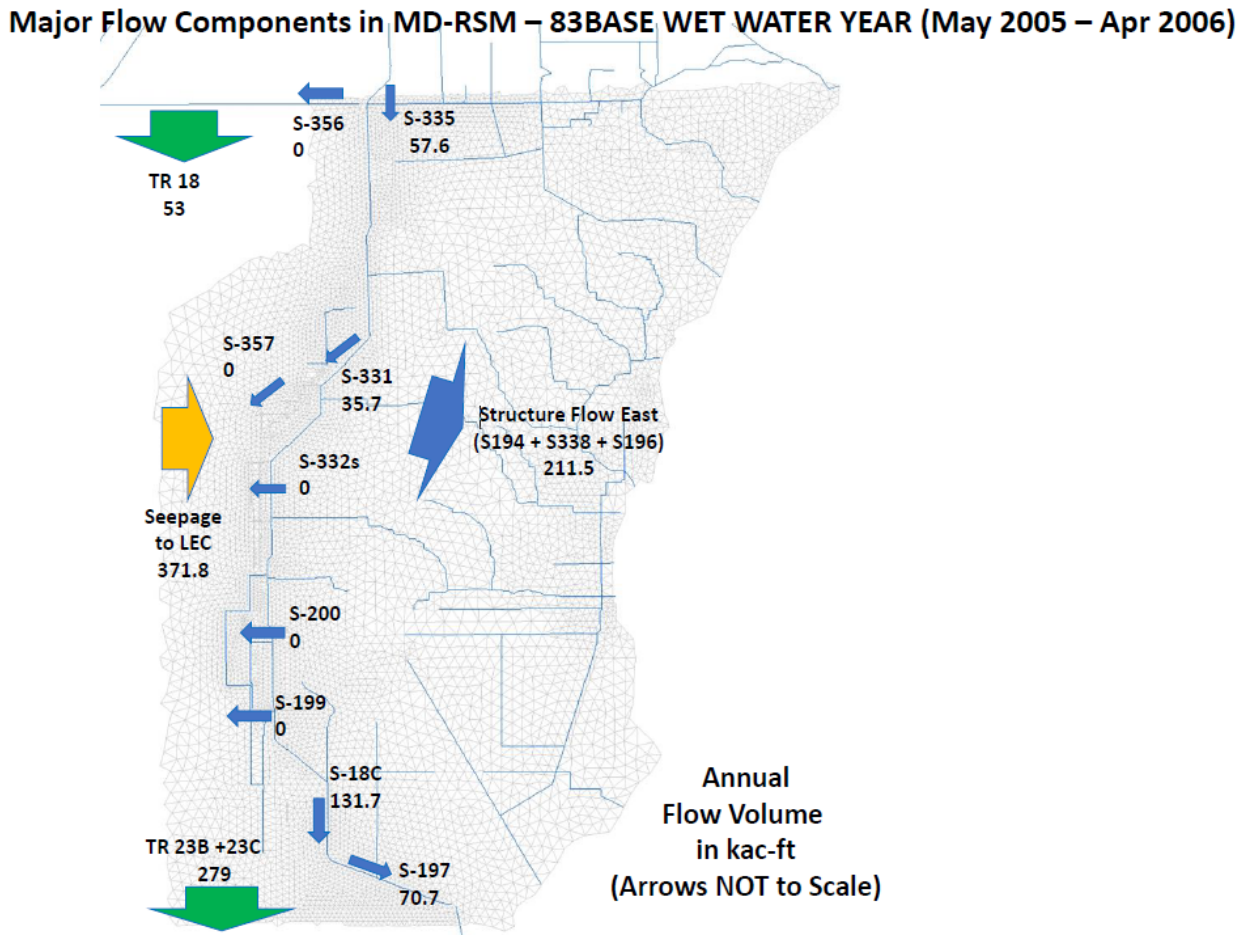

Figure H-5. 110 Major flow volumes for wet year simulation for 83BASE.

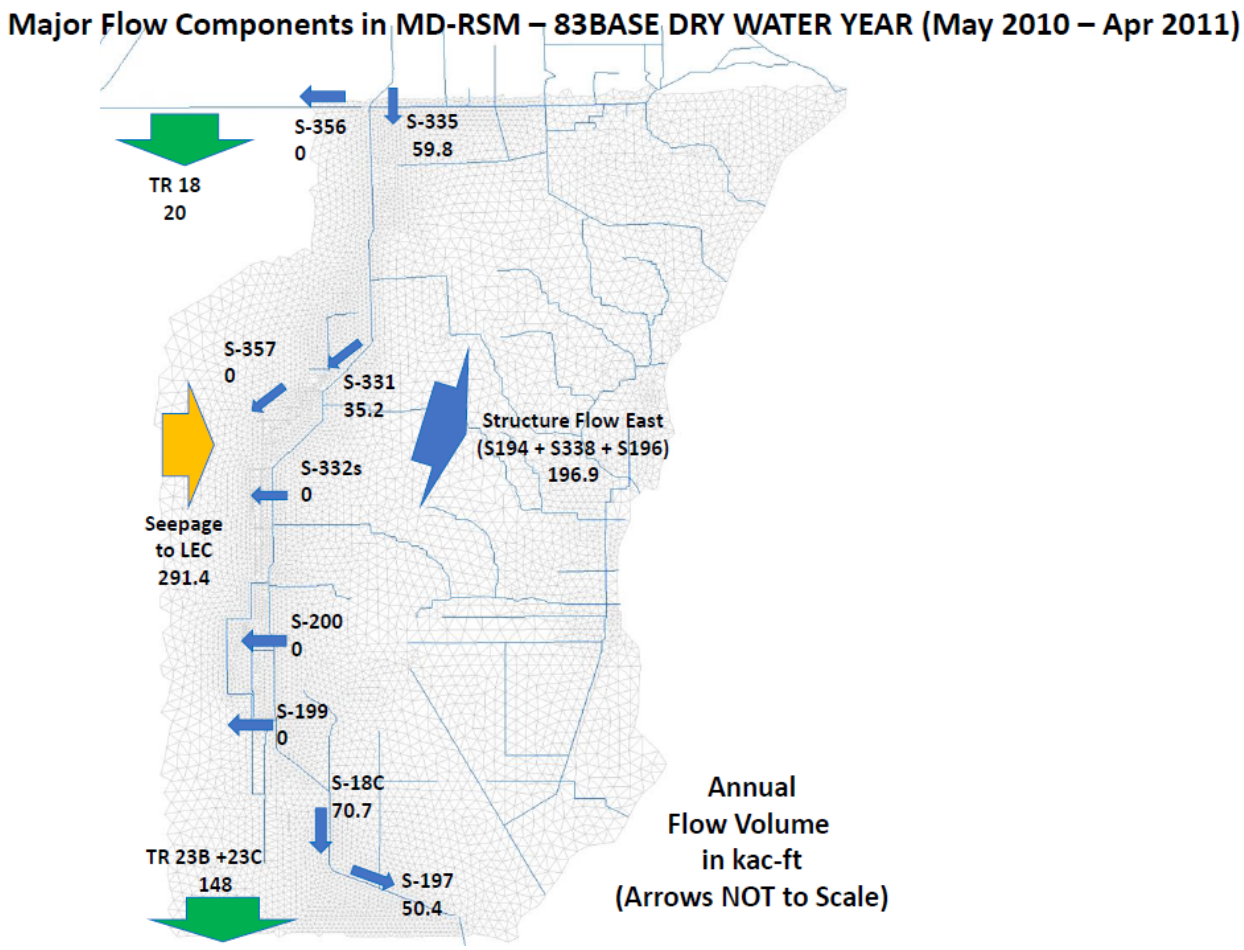

Figure H-5. 111 Major flow volumes for dry year simulation for 83BASE.

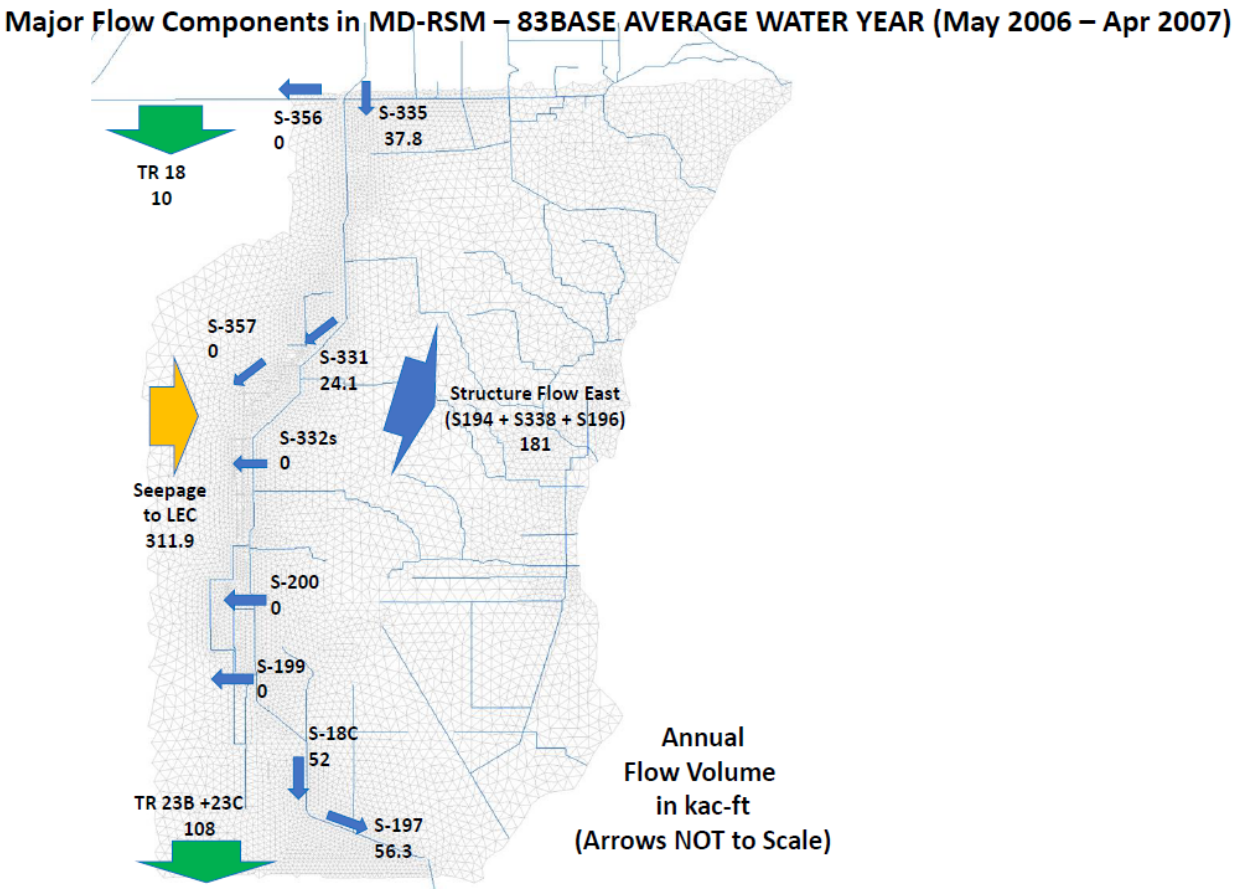

Figure H-5. 112 Major flow volumes for average year simulation for 83BASE.

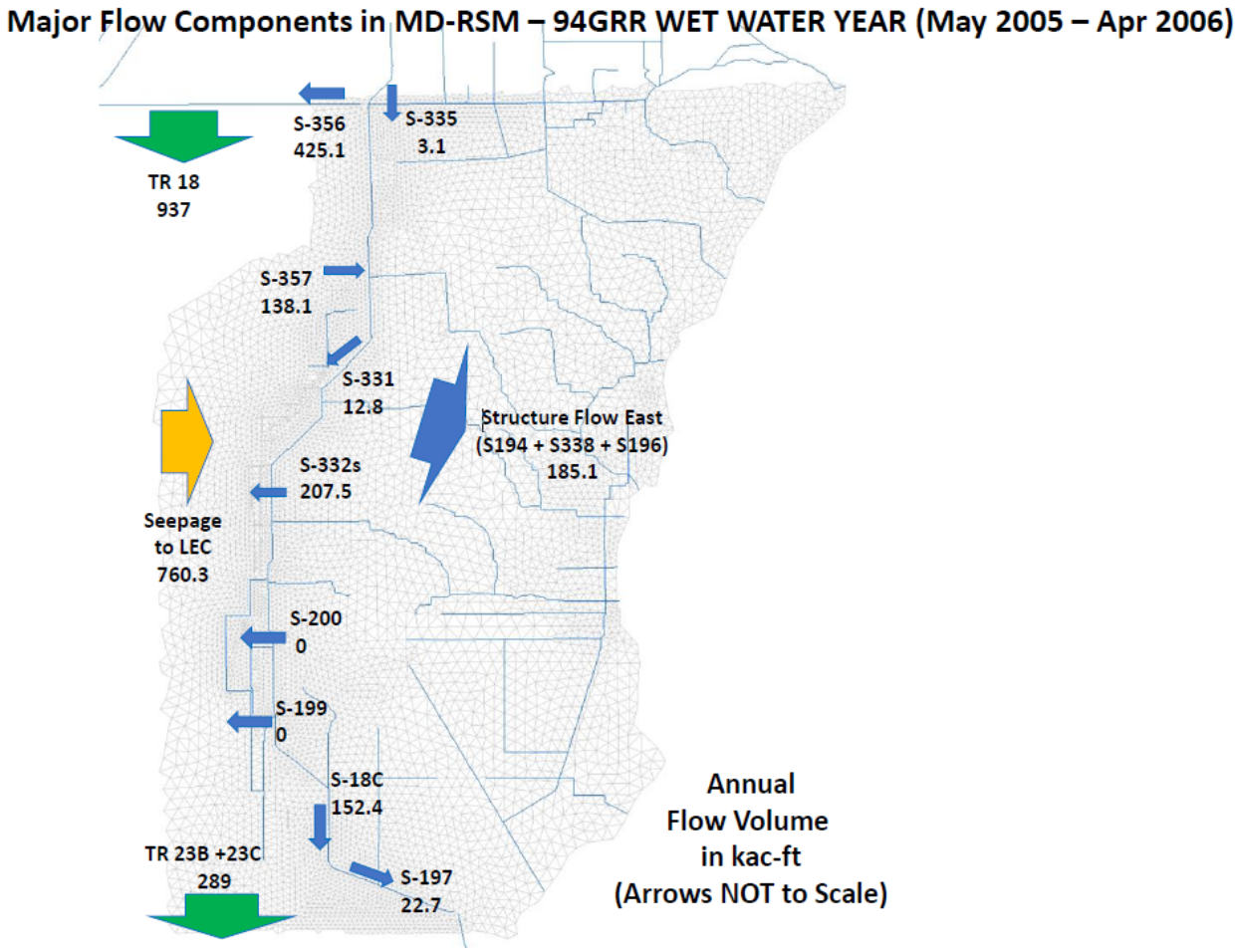

Figure H-5. 113 Major flow volumes for wet year simulation for 94GRR.

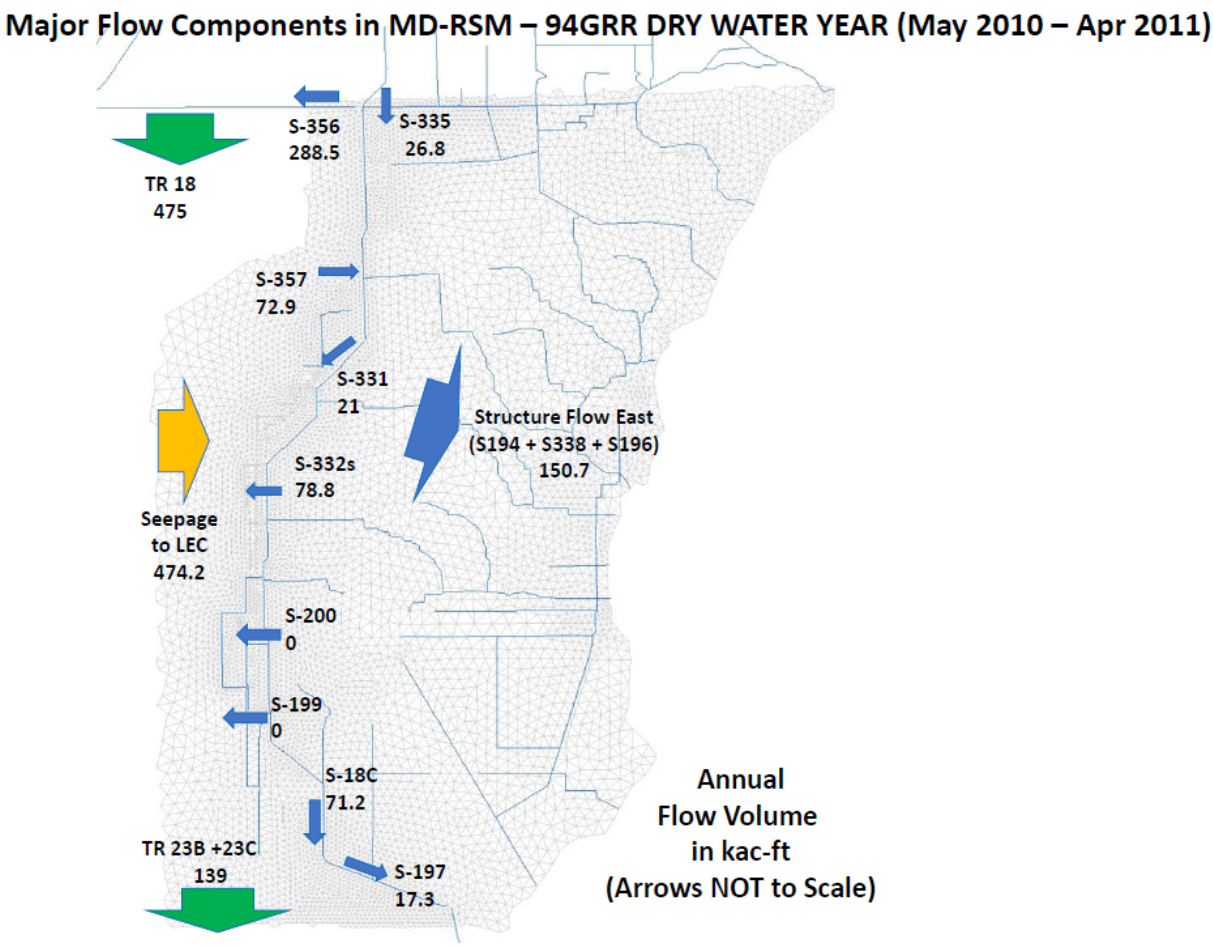

Figure H-5. 114 Major flow volumes for dry year simulation for 94GRR.

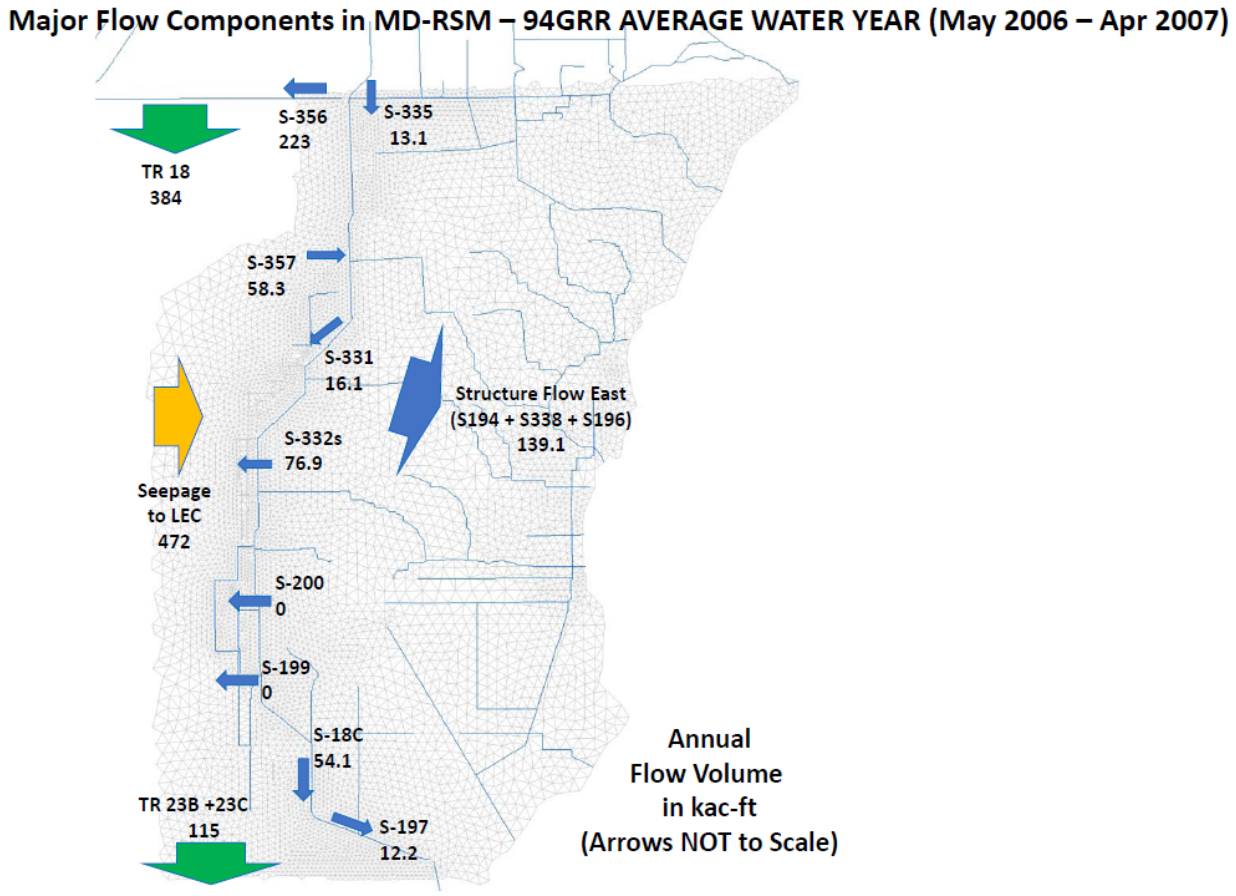

Figure H-5. 115 Major flow volumes for average year simulation for 94GRR.

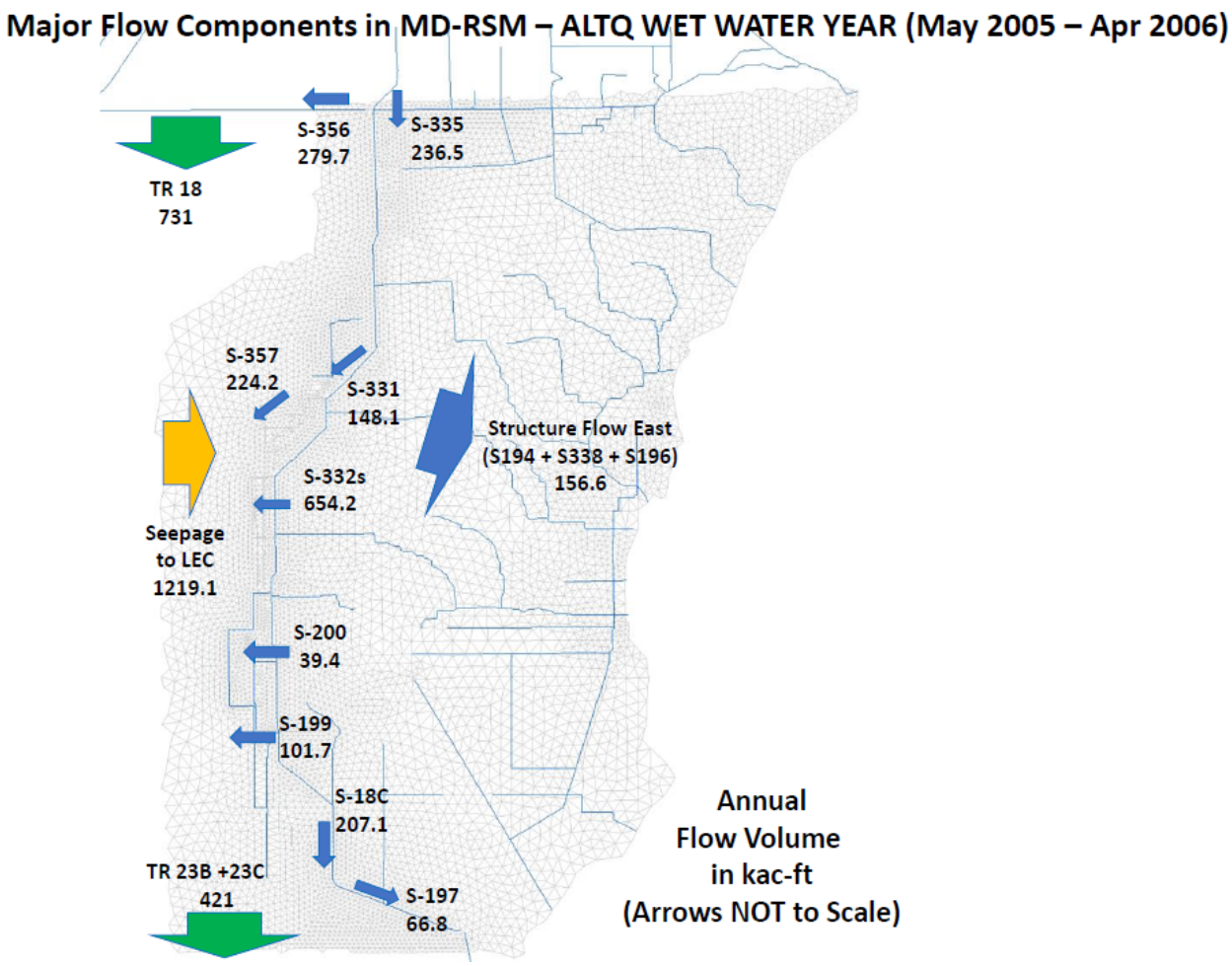

Figure H-5. 116 Major flow volumes for wet year simulation for ALTQ.

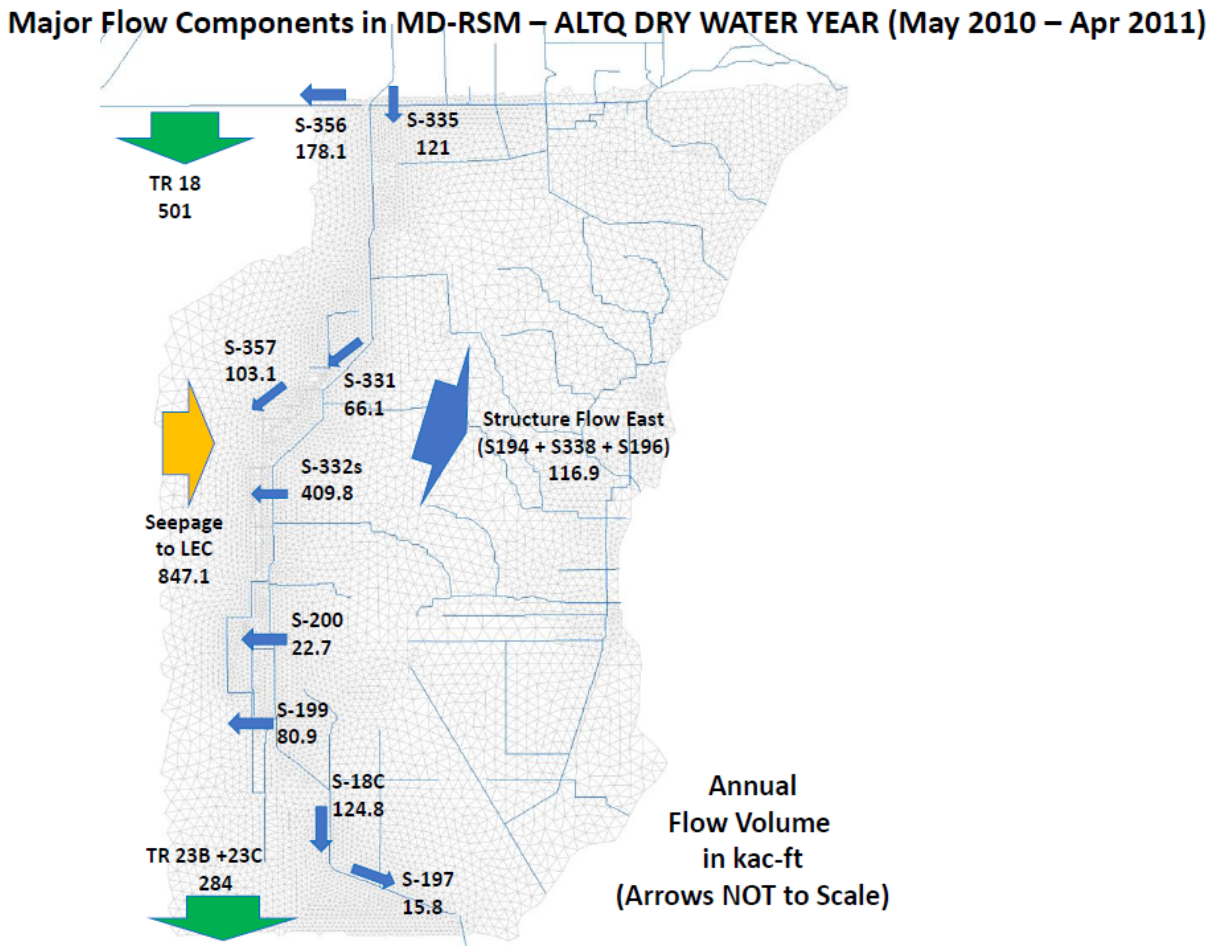

Figure H-5. 117 Major flow volumes for dry year simulation for ALTQ.

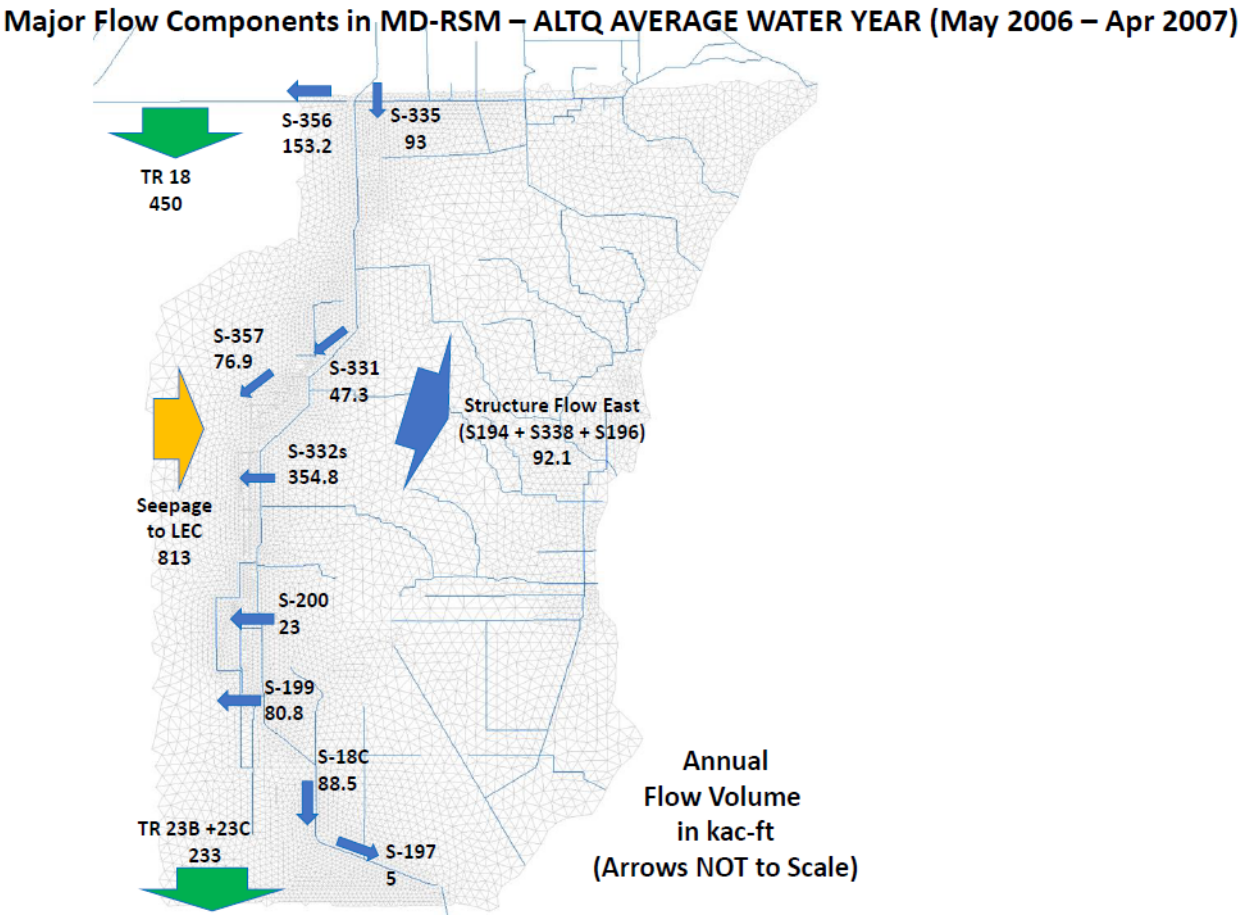

Figure H-5. 118 Major flow volumes for average year simulation for ALTQ.

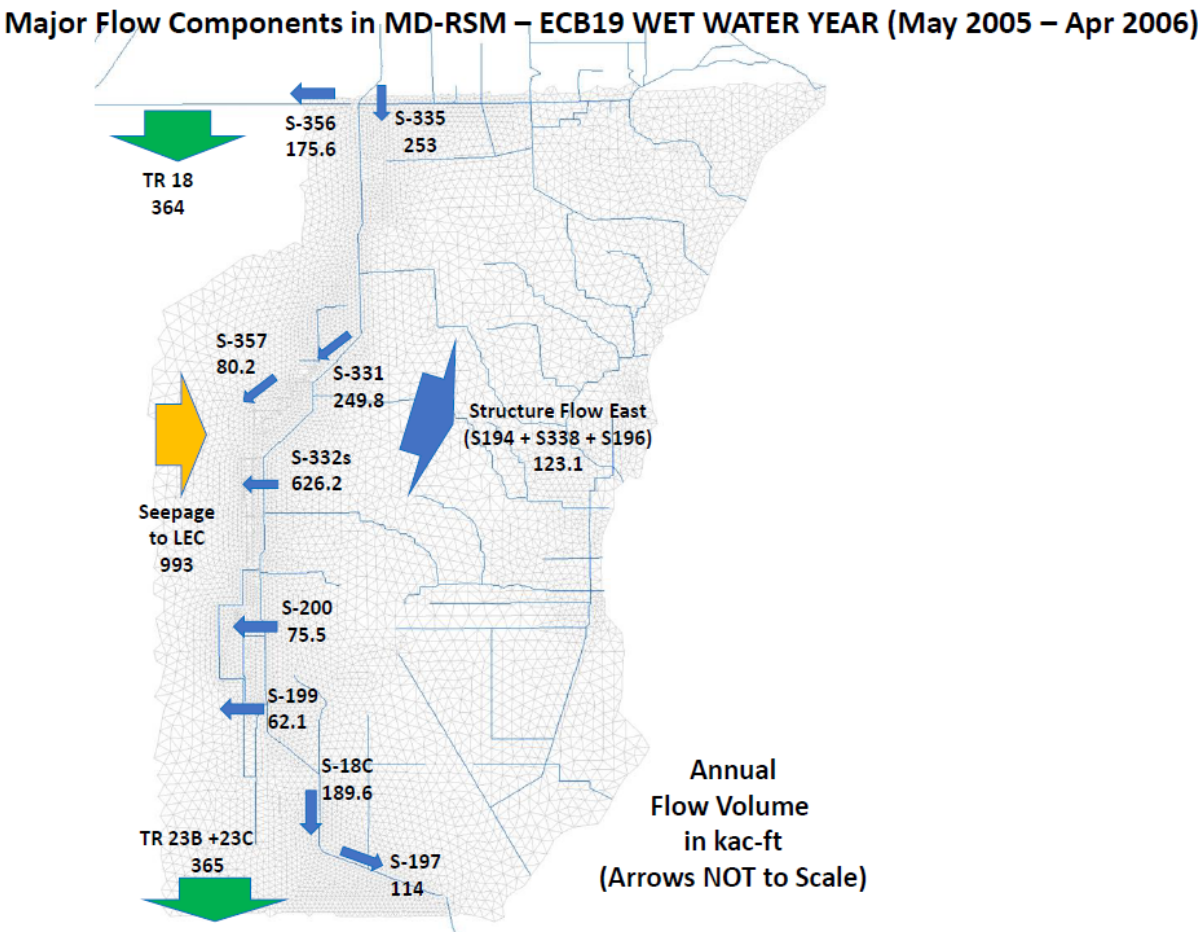

Figure H-5. 119 Major flow volumes for wet year simulation for ECB19RR.

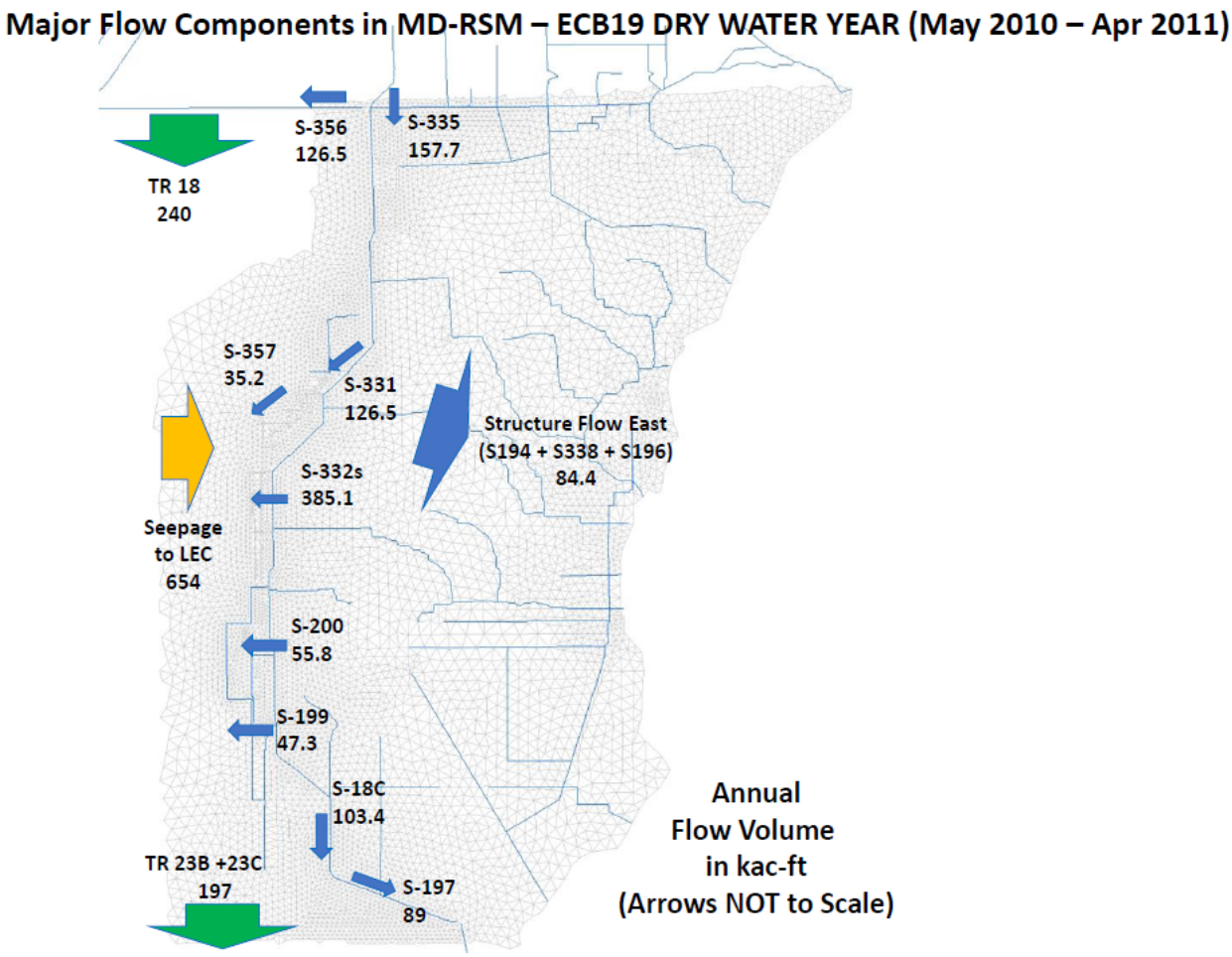

Figure H-5. 120 Major flow volumes for dry year simulation for ECB19RR.

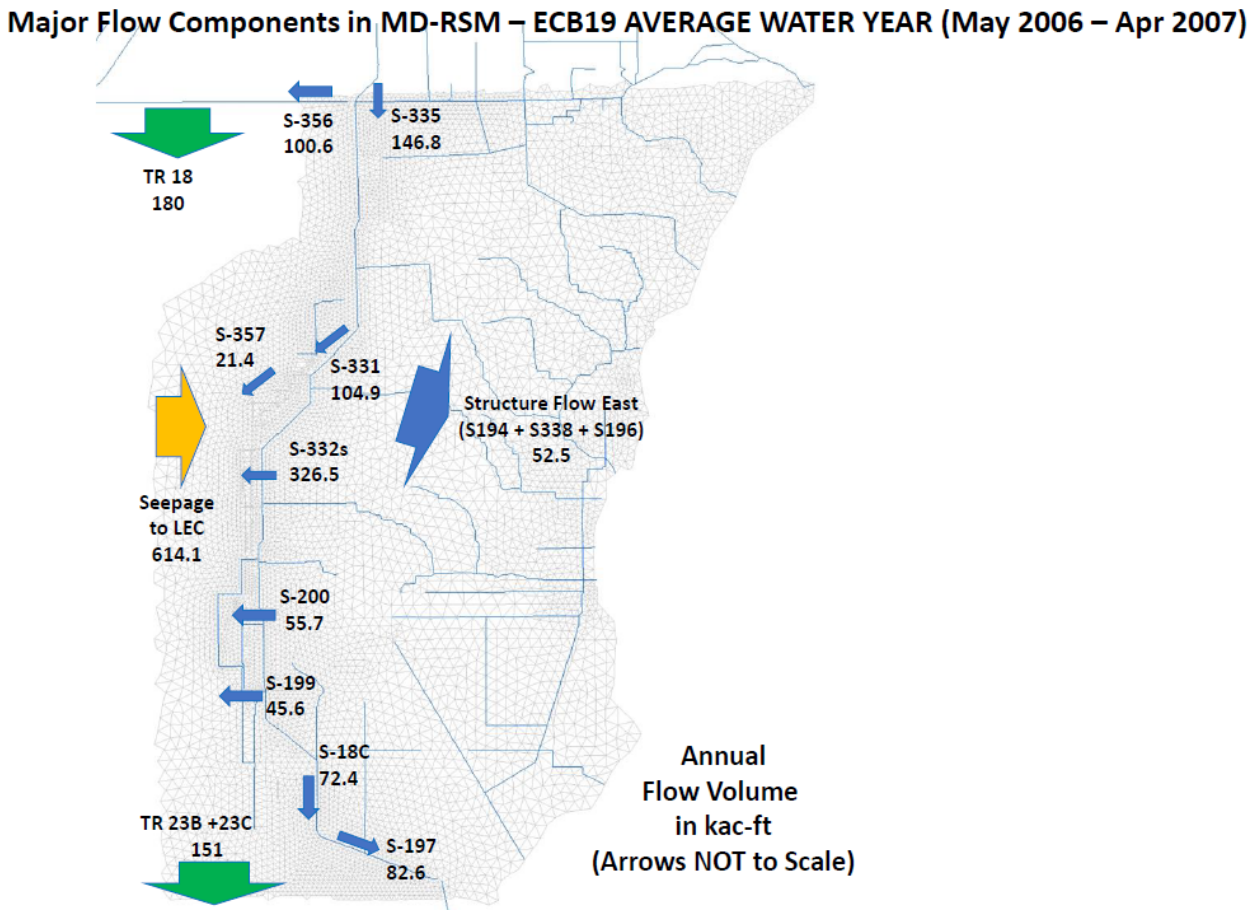

Figure H-5. 121 Major flow volumes for average year simulation for ECB19RR.

H-5.2.3 WET YEAR HYDROPERIOD MAPS

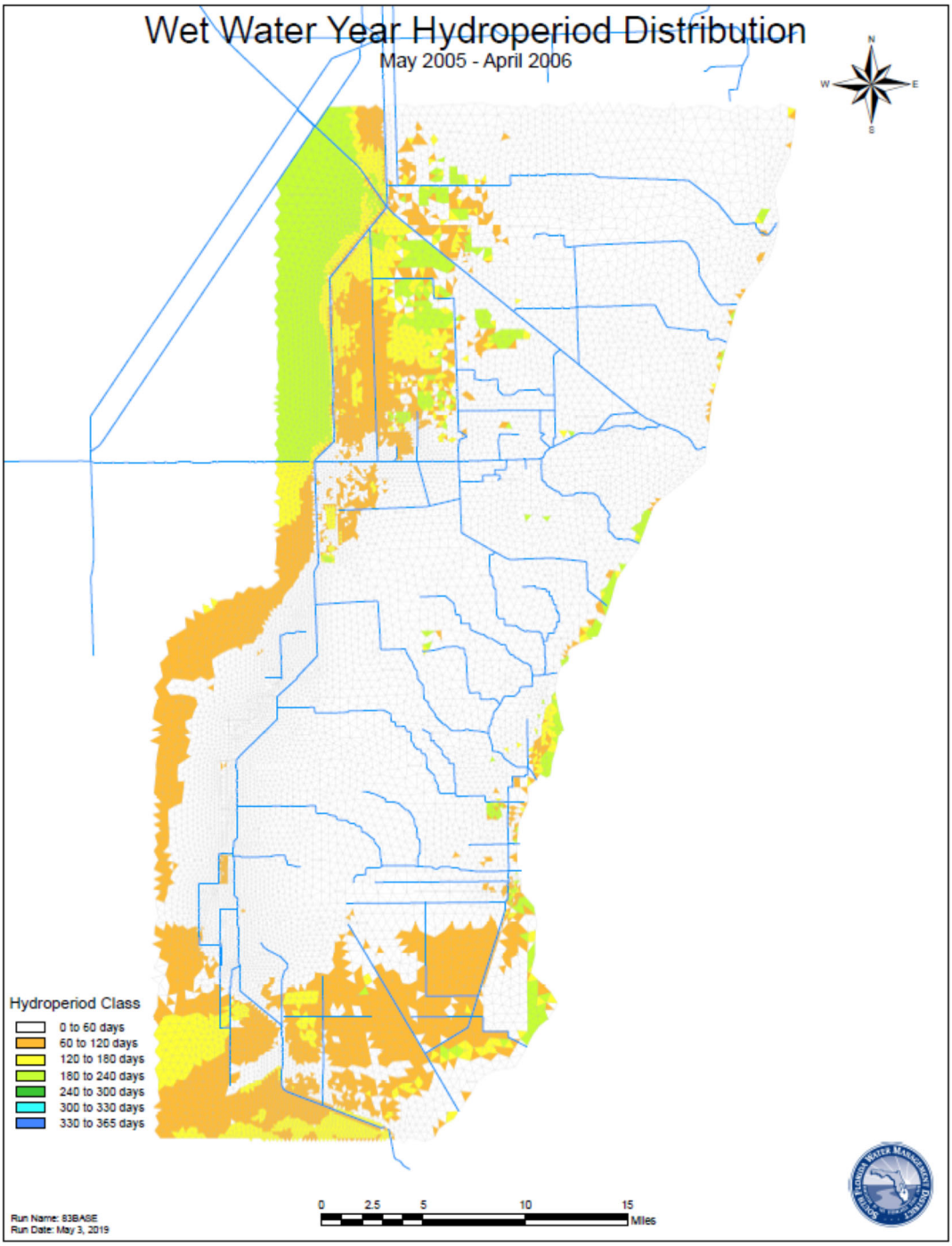

Figure H-5. 122 Wet year hydroperiod durations for 83BASE.

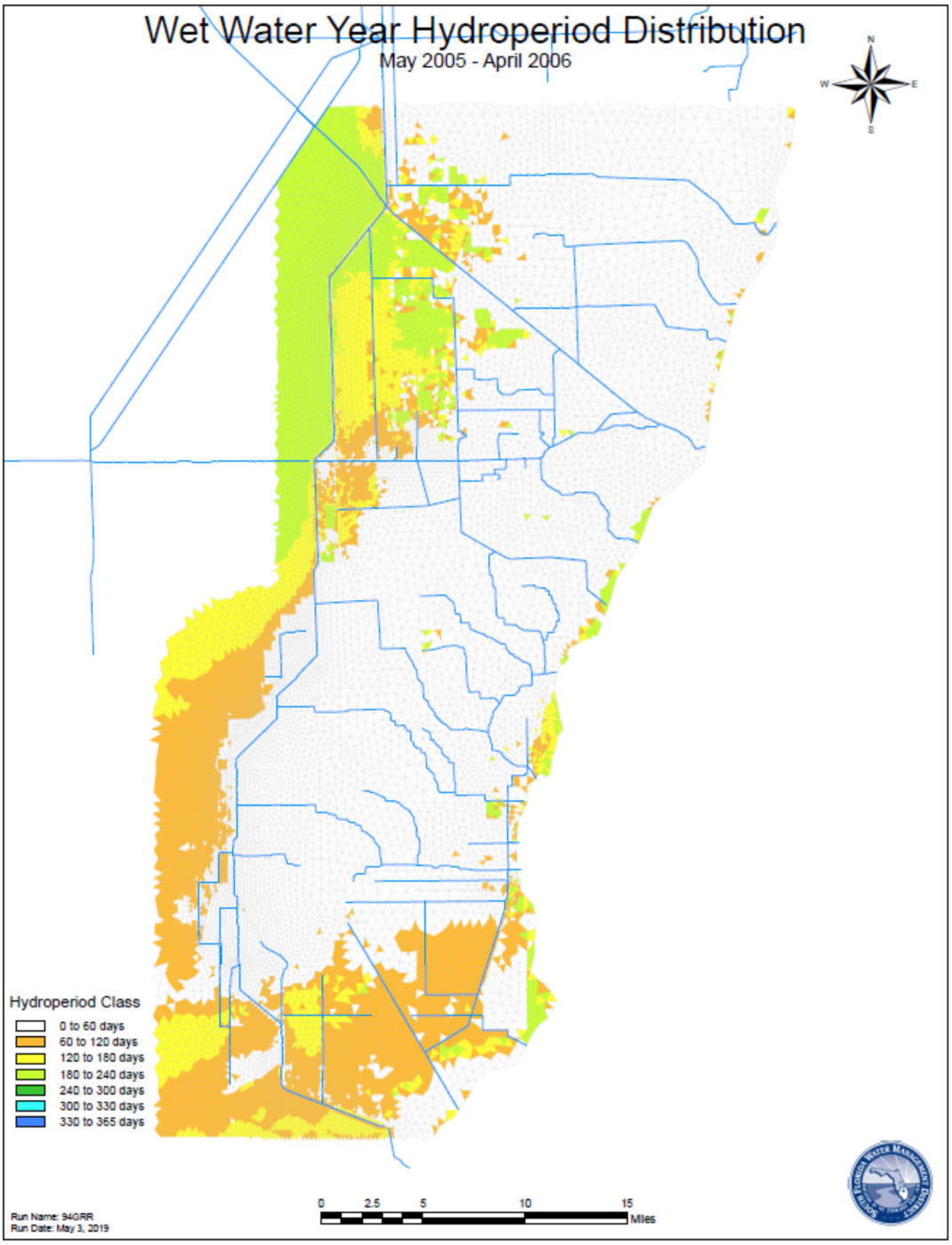

Figure H-5. 123 Wet year hydroperiod durations for 94GRR.

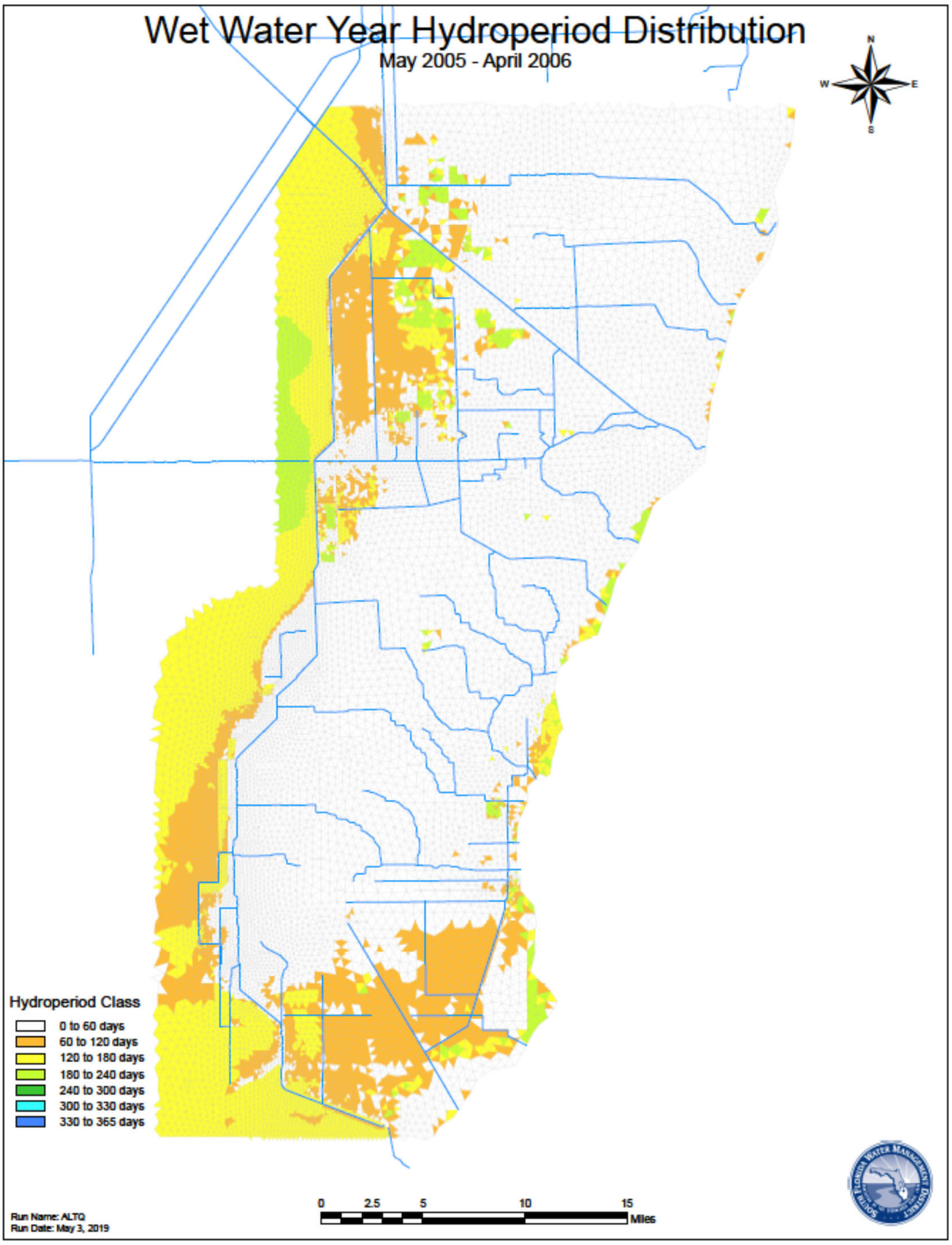

Figure H-5. 124 Wet year hydroperiod durations for ALTQ.

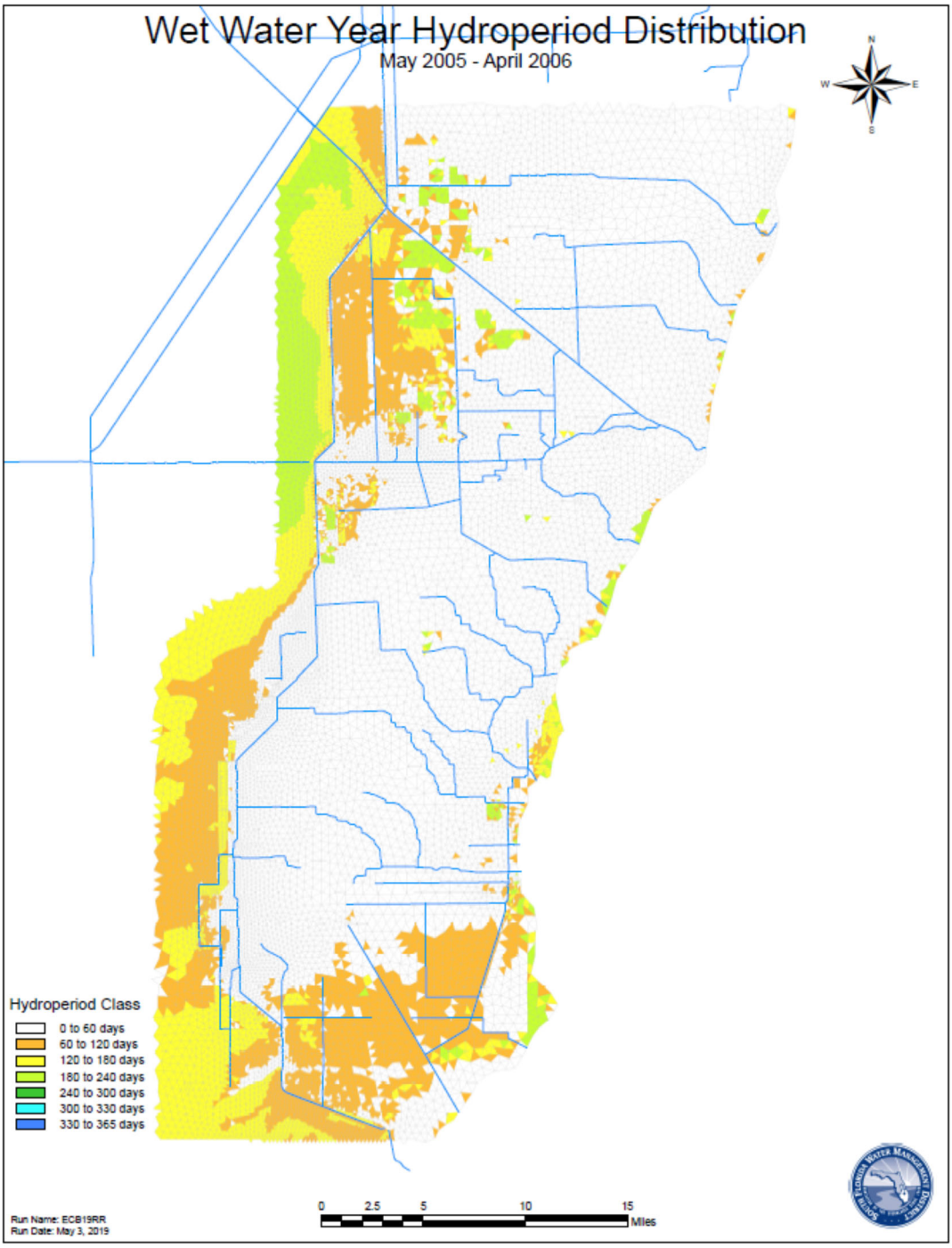

Figure H-5. 125 Wet year hydroperiod durations for ECB19RR.

H-5.2.4 WET YEAR PONDING DEPTH MAPS

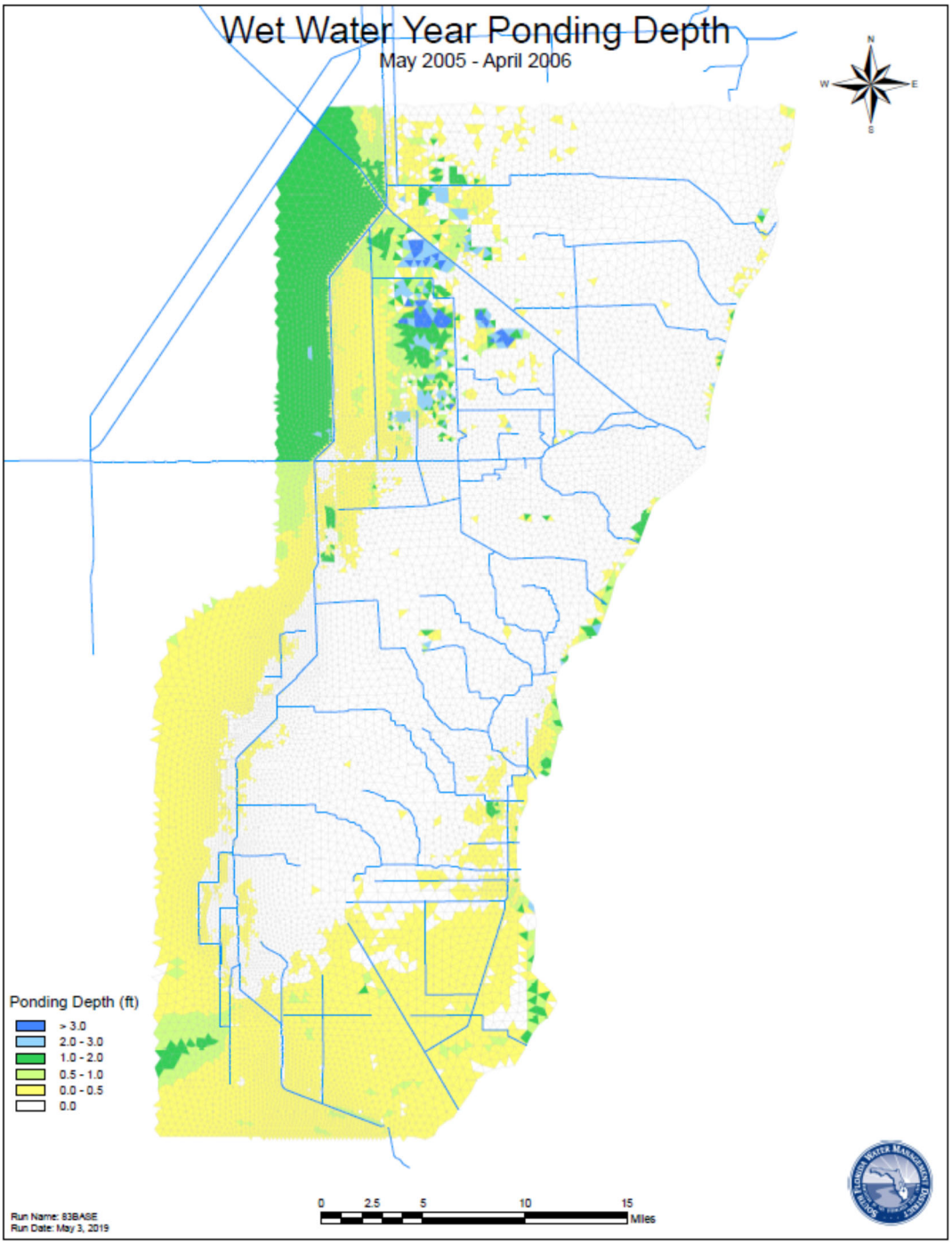

Figure H-5. 126 Wet year ponding depths for 83BASE.

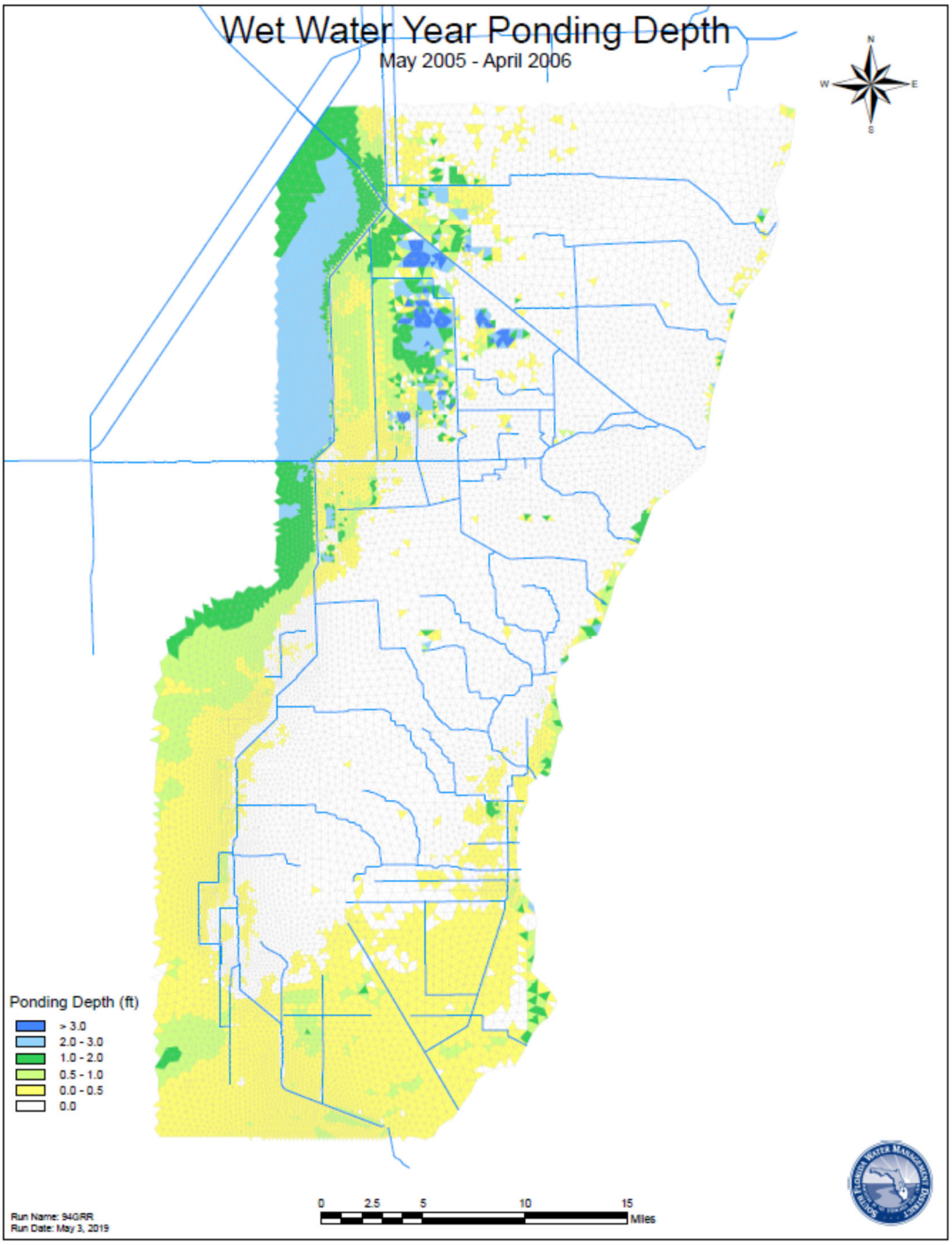

Figure H-5. 127 Wet year ponding depths for 94GRR.

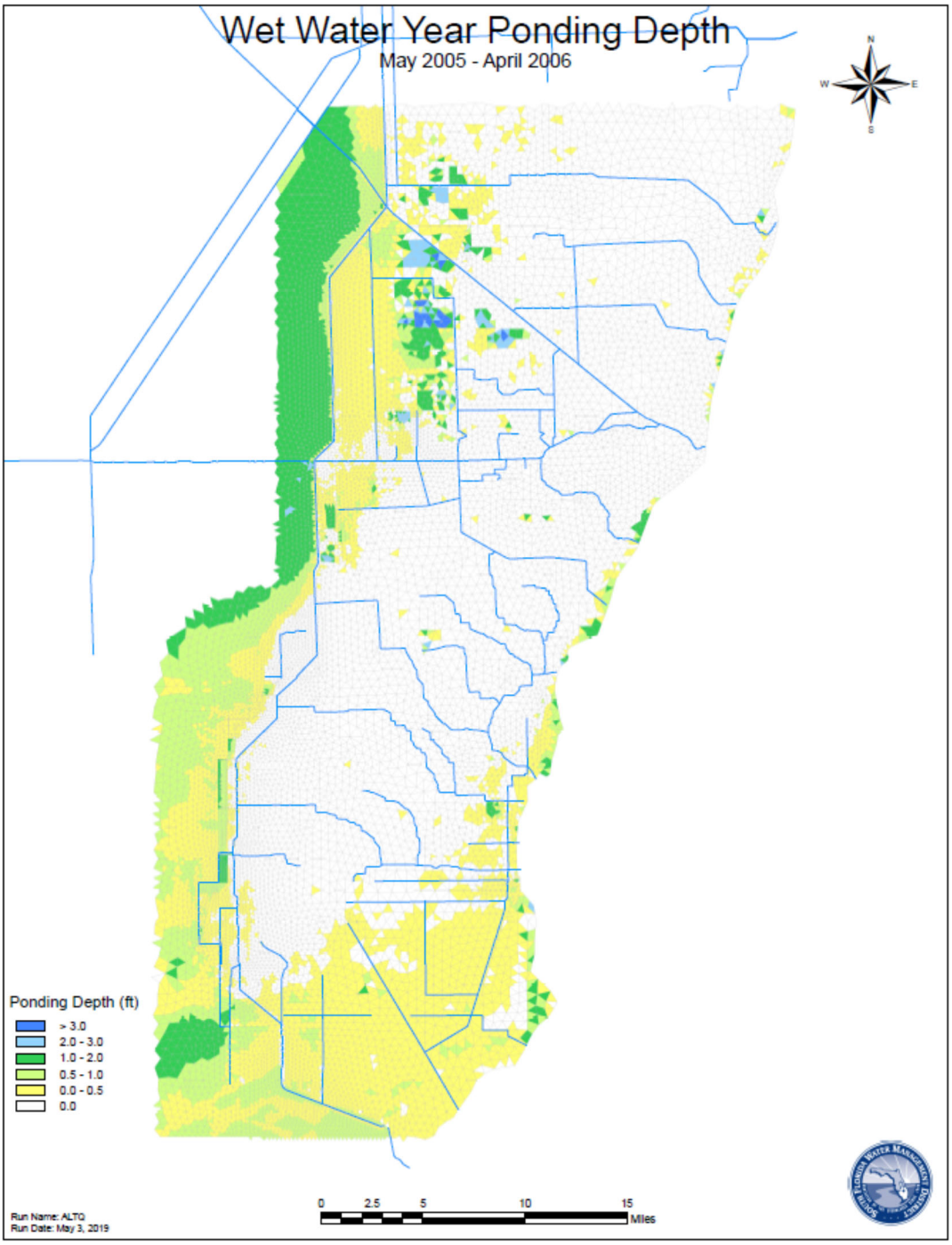

Figure H-5. 128 Wet year ponding depths for ALTQ.

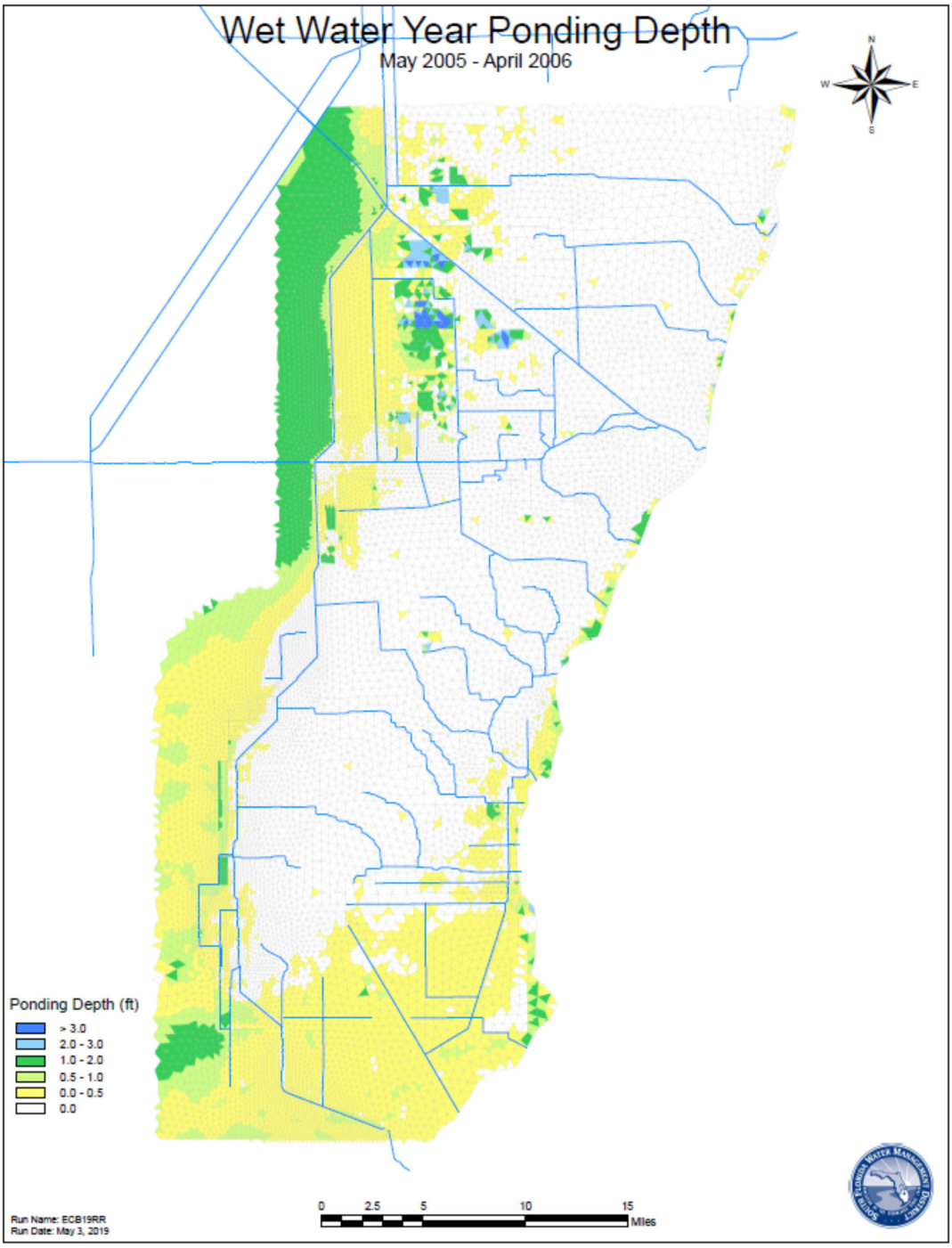

Figure H-5. 129 Wet year ponding depths for ECB19RR.

H-5.2.5 AVERAGE APRIL STAGE DIFFERENCES FOR WET YEAR SIMULATIONS

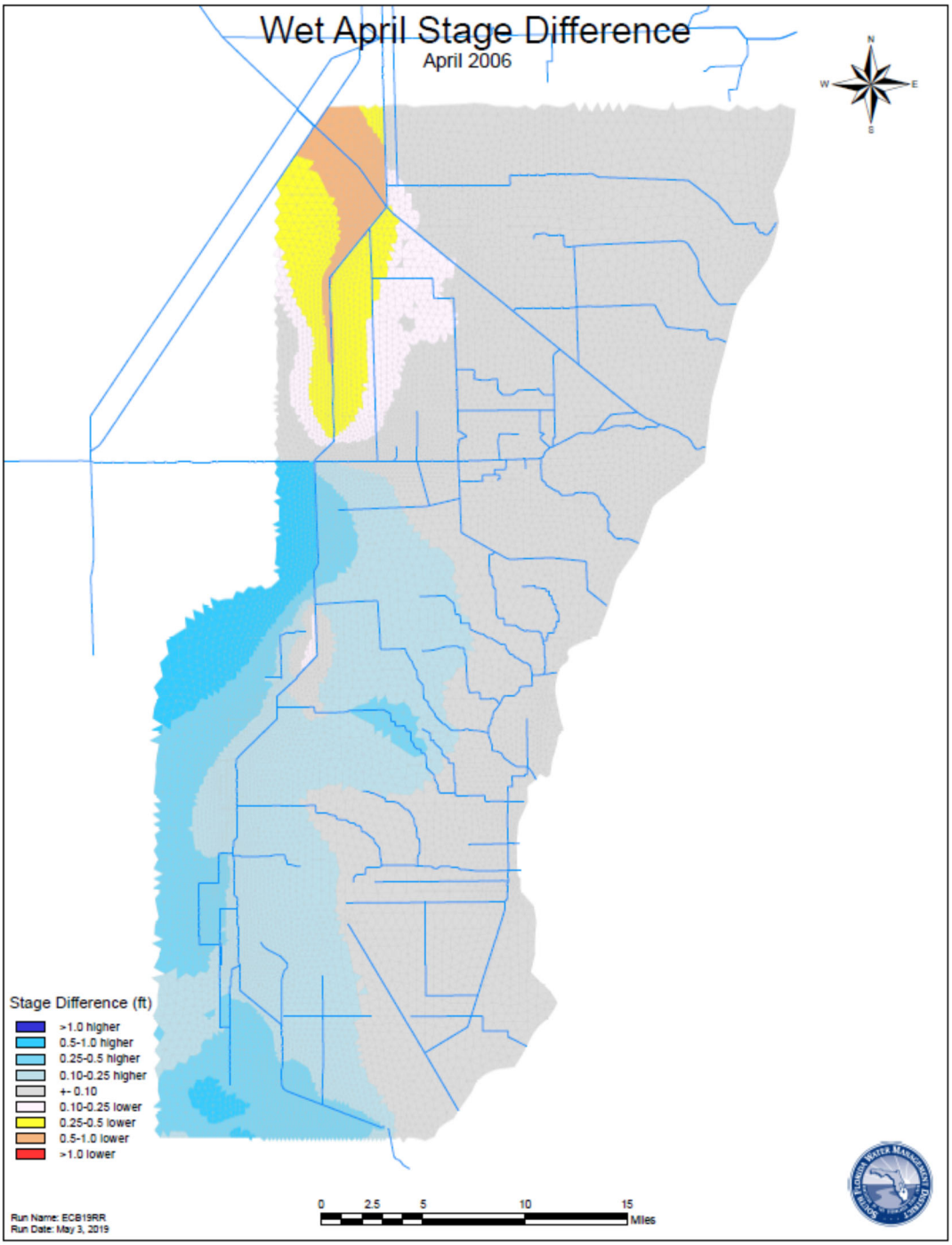

Figure H-5. 130. Differences in average April stages between ALTQ and ECB19RR for wet year simulations.

H-5.2.6 AVERAGE OCTOBER STAGE DIFFERENCES FOR WET YEAR SIMULATIONS

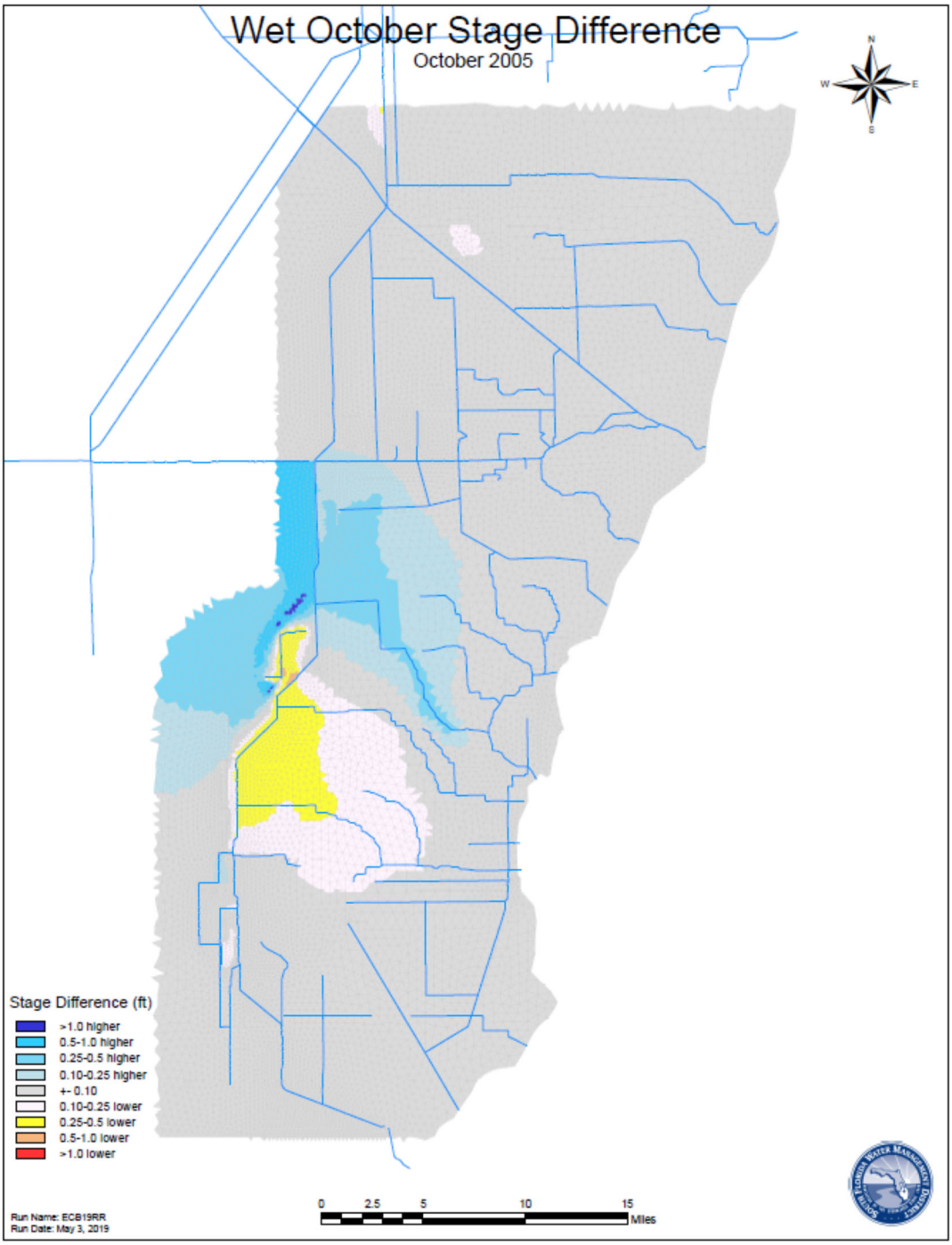

Figure H-5. 131. Differences in average October stages between ALTQ and ECB19RR for wet year simulations.

H-5.2.7 TRANSECTS FLOWS

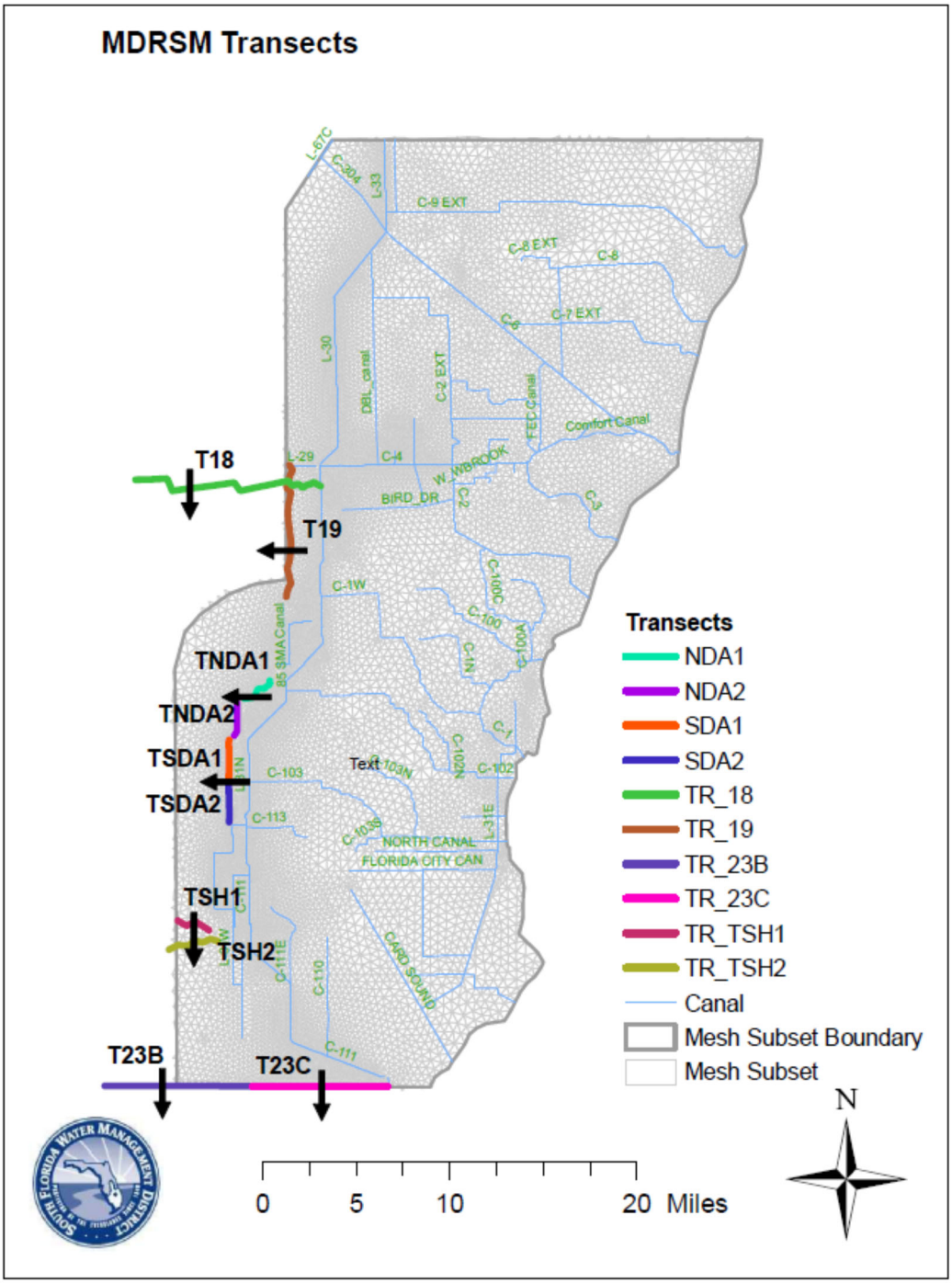

Figure H-5. 132. Map showing the locations for flow transects.

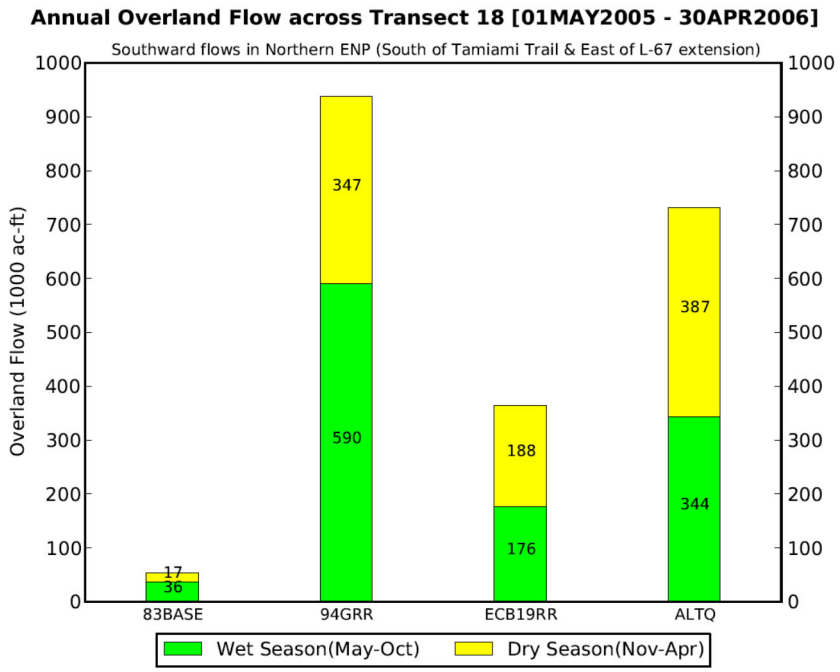

Figure H-5. 133. Comparison of overland flows across Transect 18 for wet year simulations.

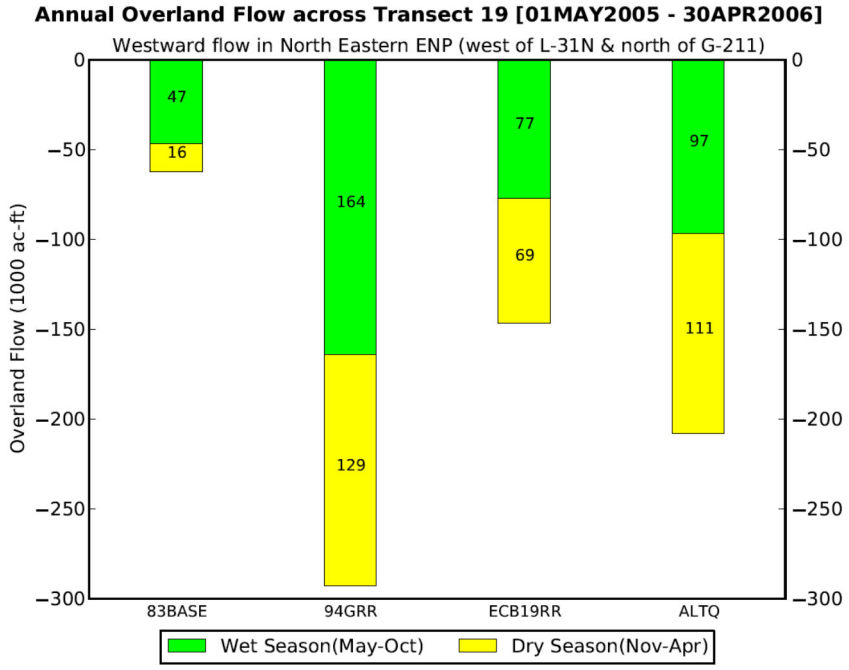

Figure H-5. 134. Comparison of overland flows across Transect 19 for wet year simulations.

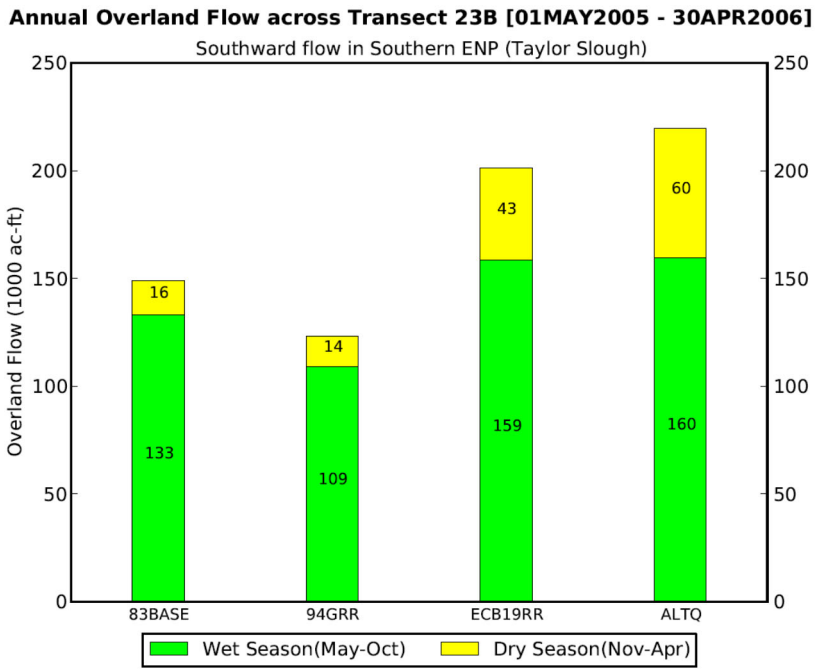

Figure H-5. 135. Comparison of overland flows across Transect 23B for wet year simulations.

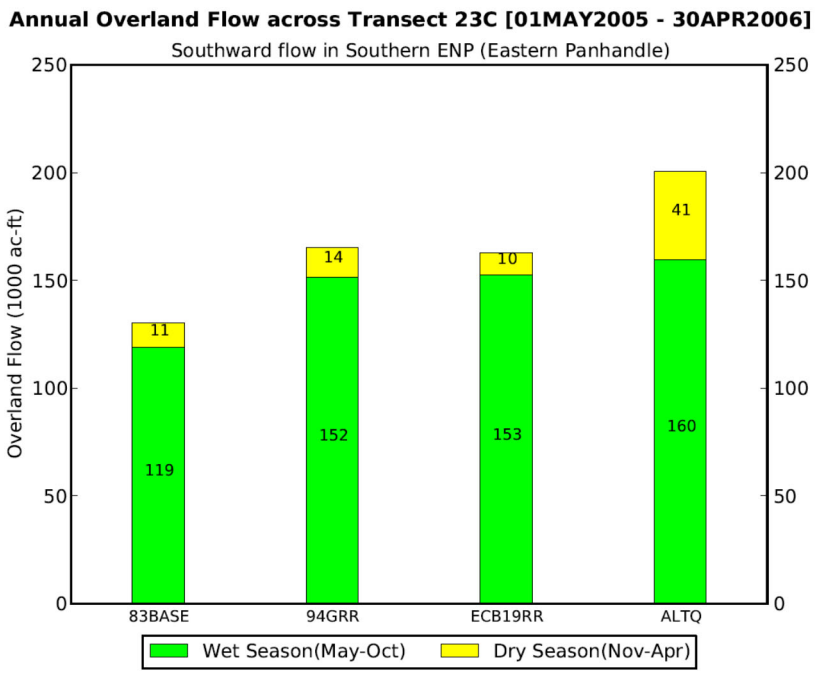

Figure H-5. 136. Comparison of overland flows across Transect 23C for wet year simulations.

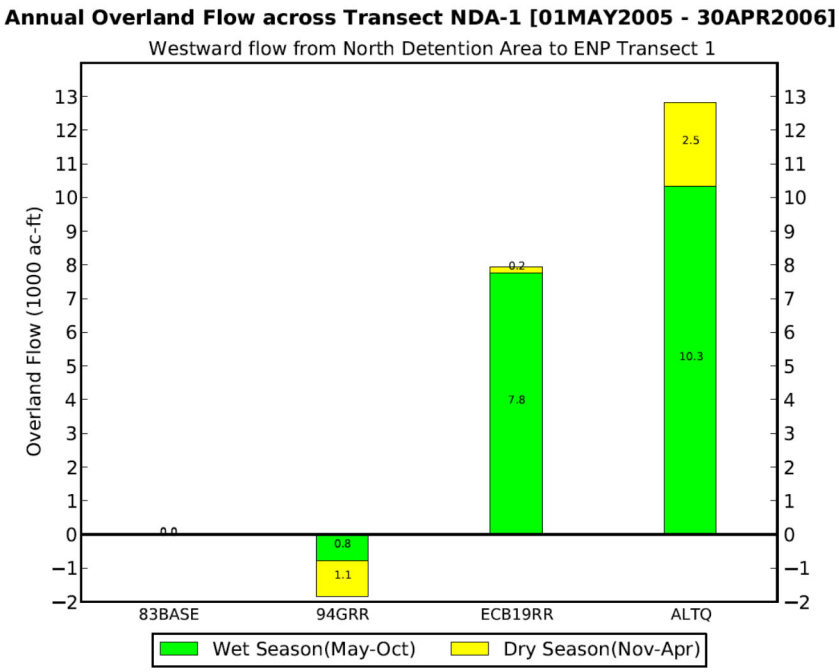

Figure H-5. 137. Comparison of overland flows across Transect NDA-1 for wet year simulations.

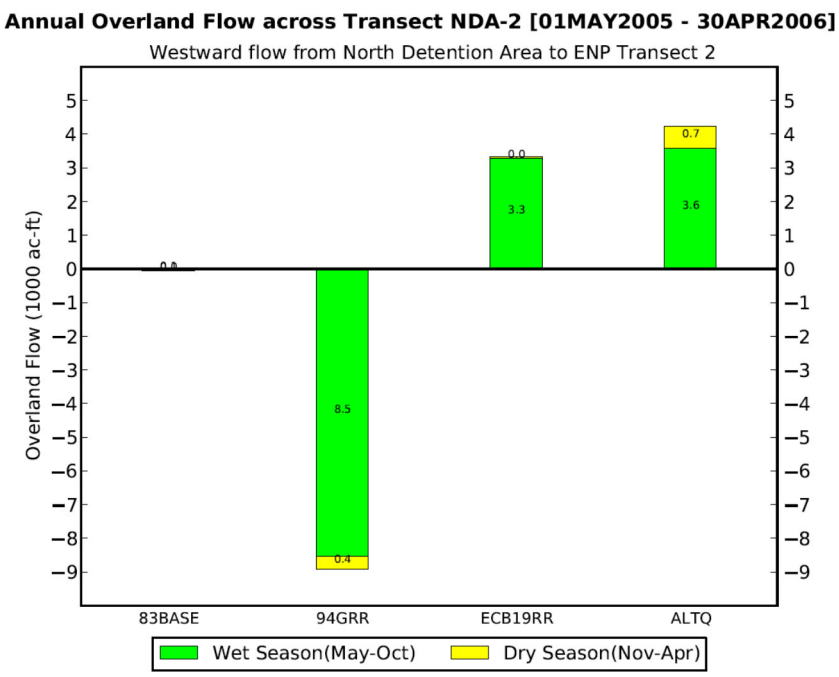

Figure H-5. 138. Comparison of overland flows across Transect NDA-2 for wet year simulations.

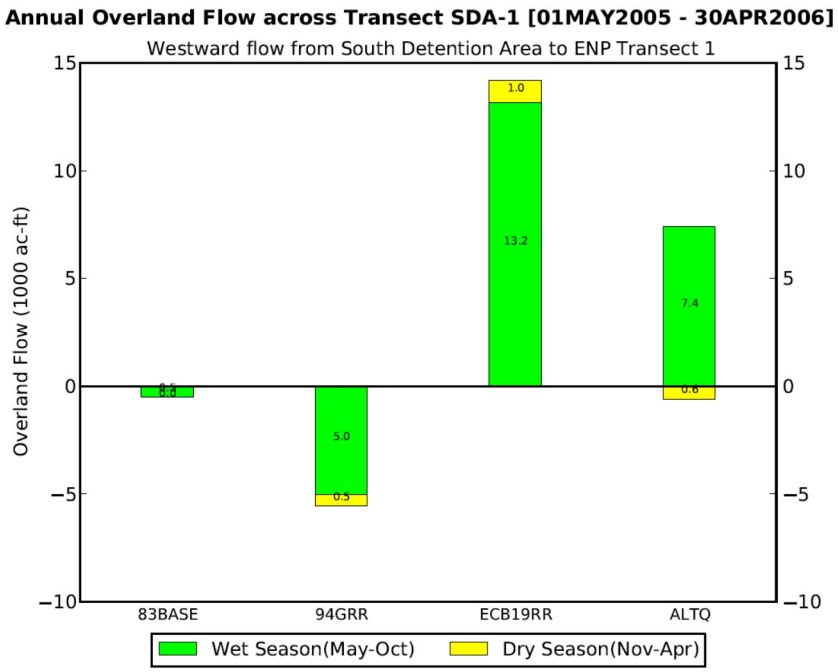

Figure H-5. 139. Comparison of overland flows across Transect SDA-1 for wet year simulations.

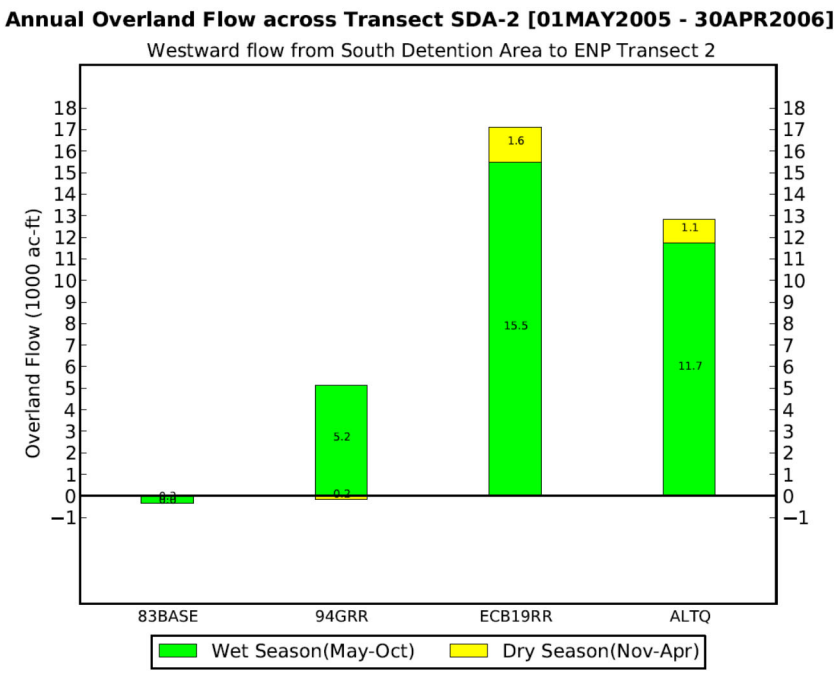

Figure H-5. 140. Comparison of overland flows across Transect SDA-2 for wet year simulations.

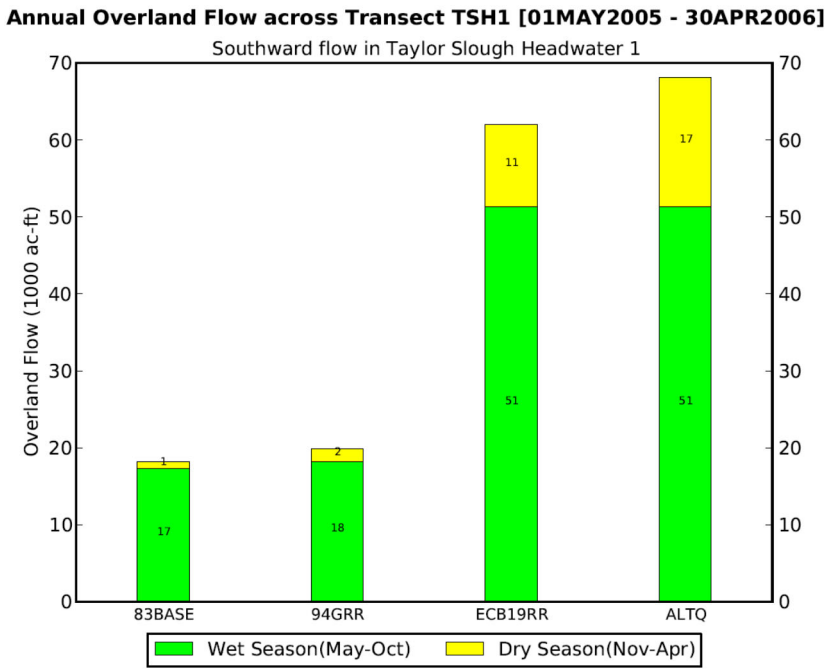

Figure H-5. 141. Comparison of overland flows across Transect TSH-1 for wet year simulations.

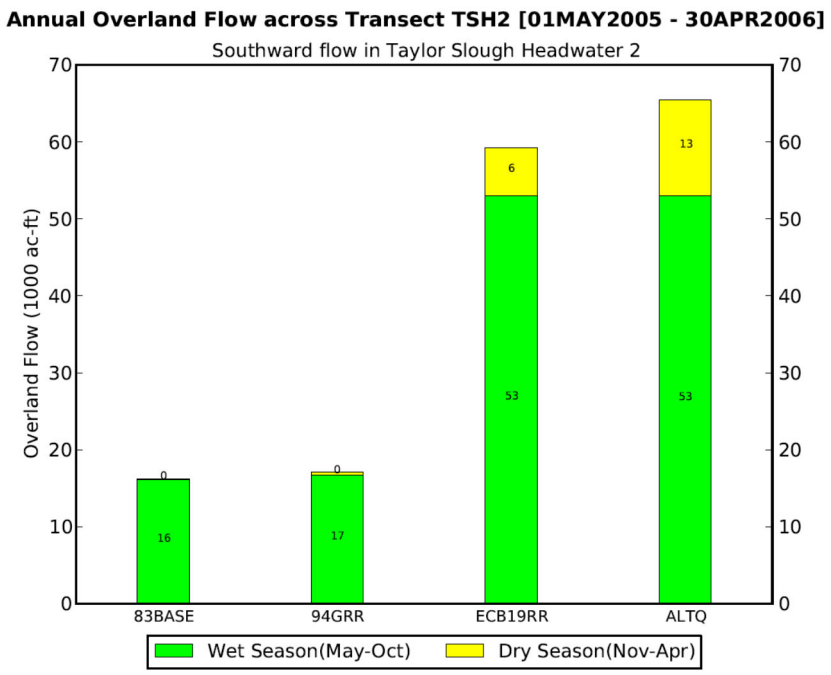

Figure H-5. 142. Comparison of overland flows across Transect TSH-2 for wet year simulations.

H-5.2.8 WET YEAR CANAL STAGE DURATIONS

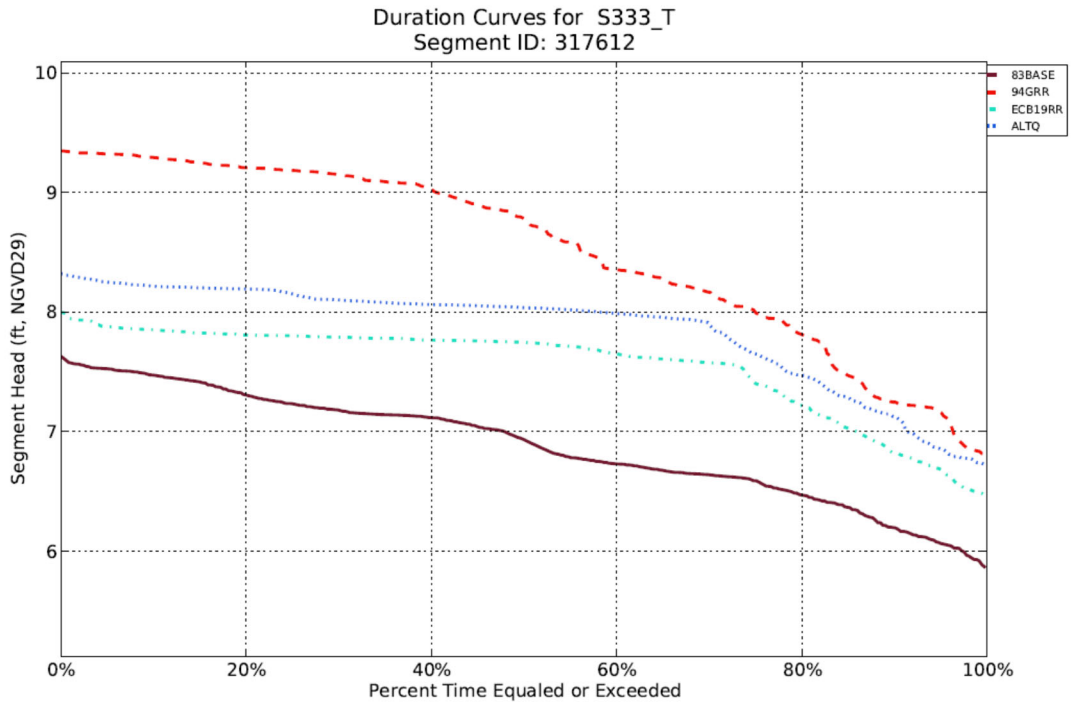

Figure H-5. 143. Wet year canal stage duration curves at S333_T for 83BASE, 94GRR, ALTQ, and ECB19RR.

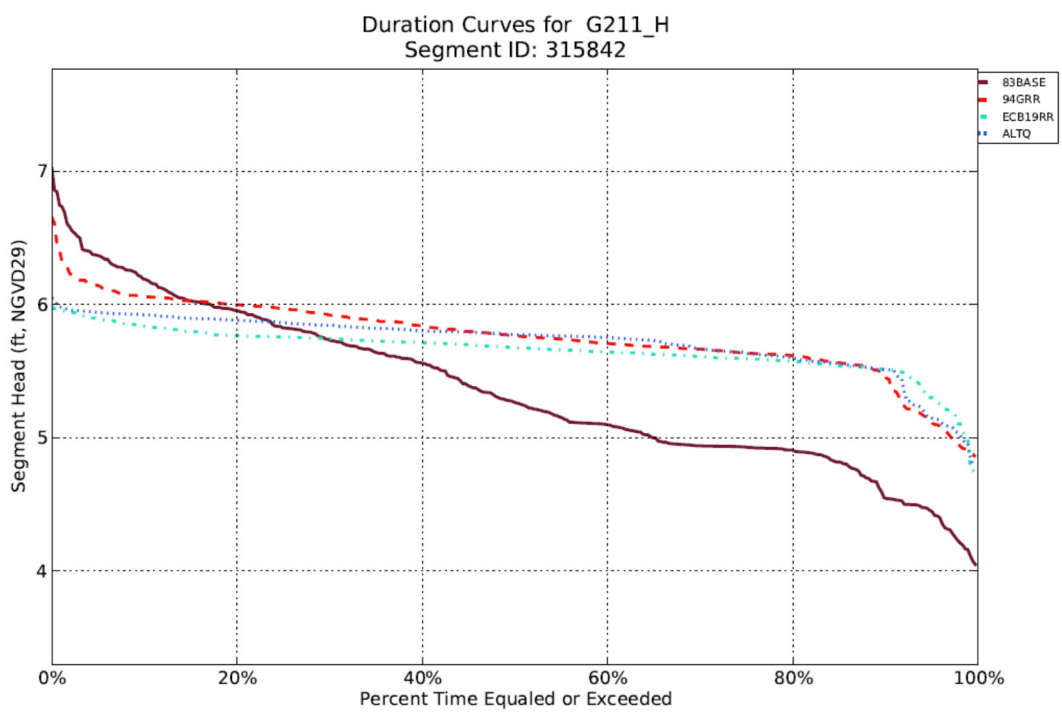

Figure H-5. 144. Wet year canal stage duration curves at G211_H for 83BASE, 94GRR, ALTQ, and ECB19RR.

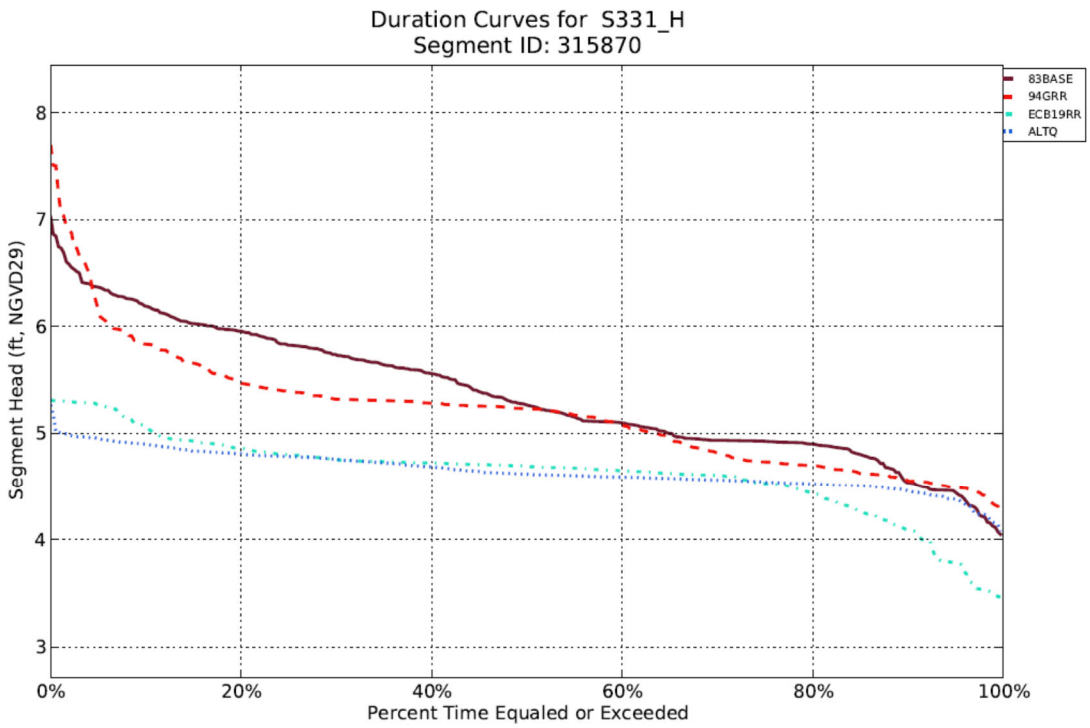

Figure H-5. 145. Wet year canal stage duration curves at S331_H for 83BASE, 94GRR, ALTQ, and ECB19RR.

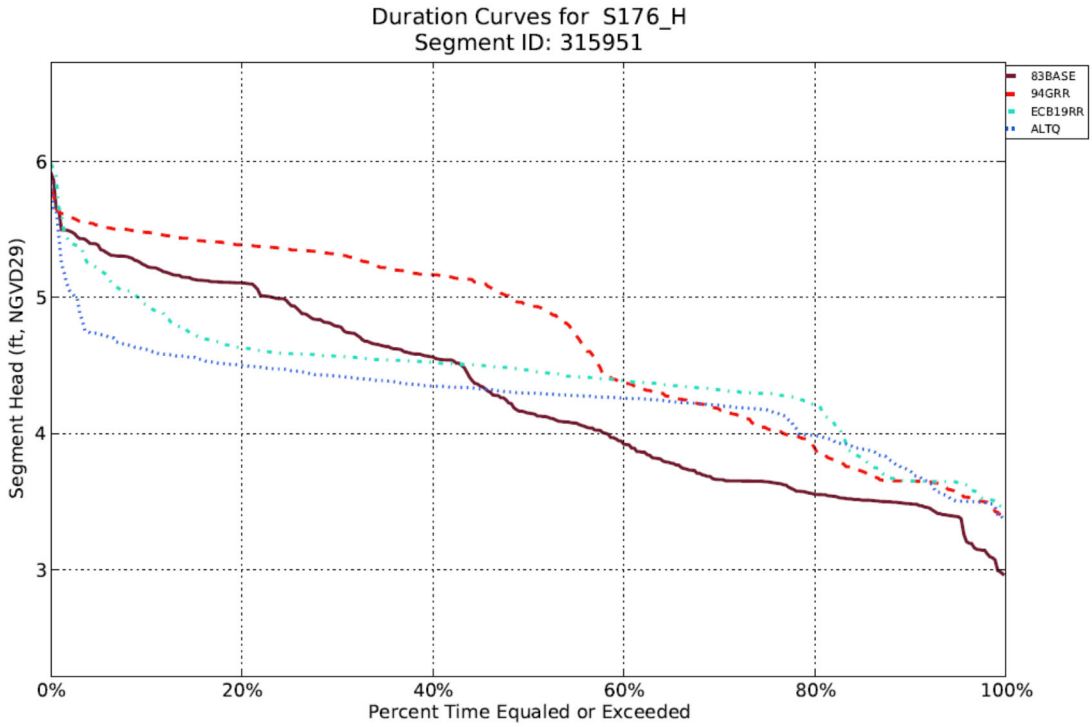

Figure H-5. 146. Wet year canal stage duration curves at S176_H for 83BASE, 94GRR, ALTQ, and ECB19RR.

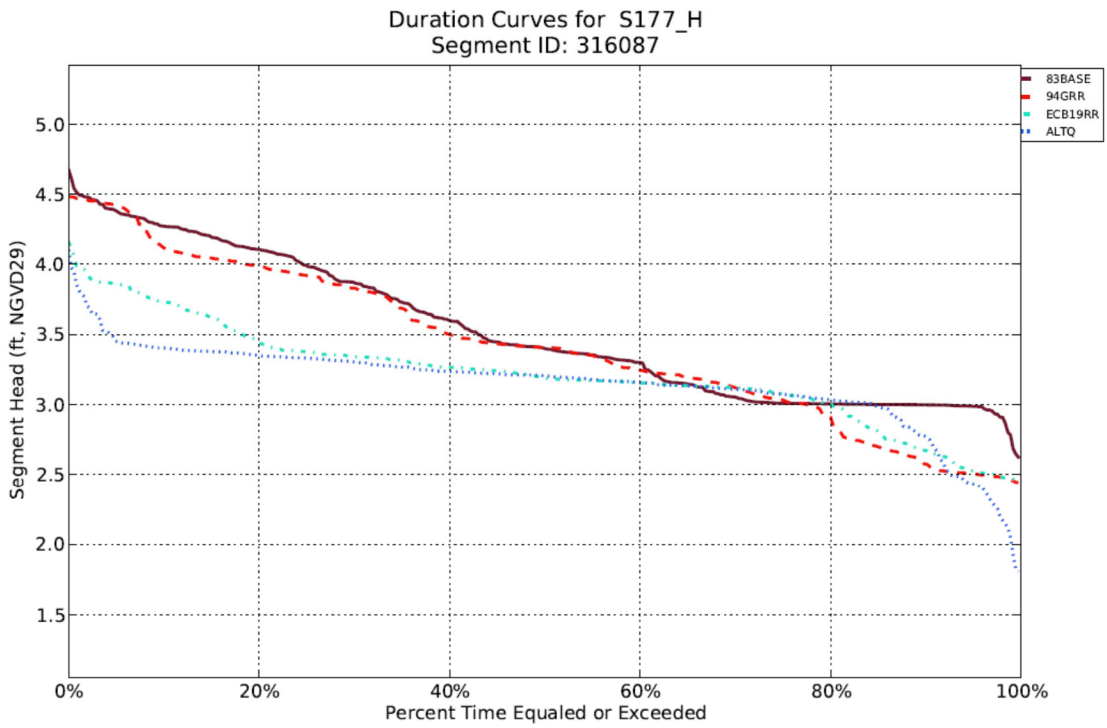

Figure H-5. 147. Wet year canal stage duration curves at S177_H for 83BASE, 94GRR, ALTQ, and ECB19RR.

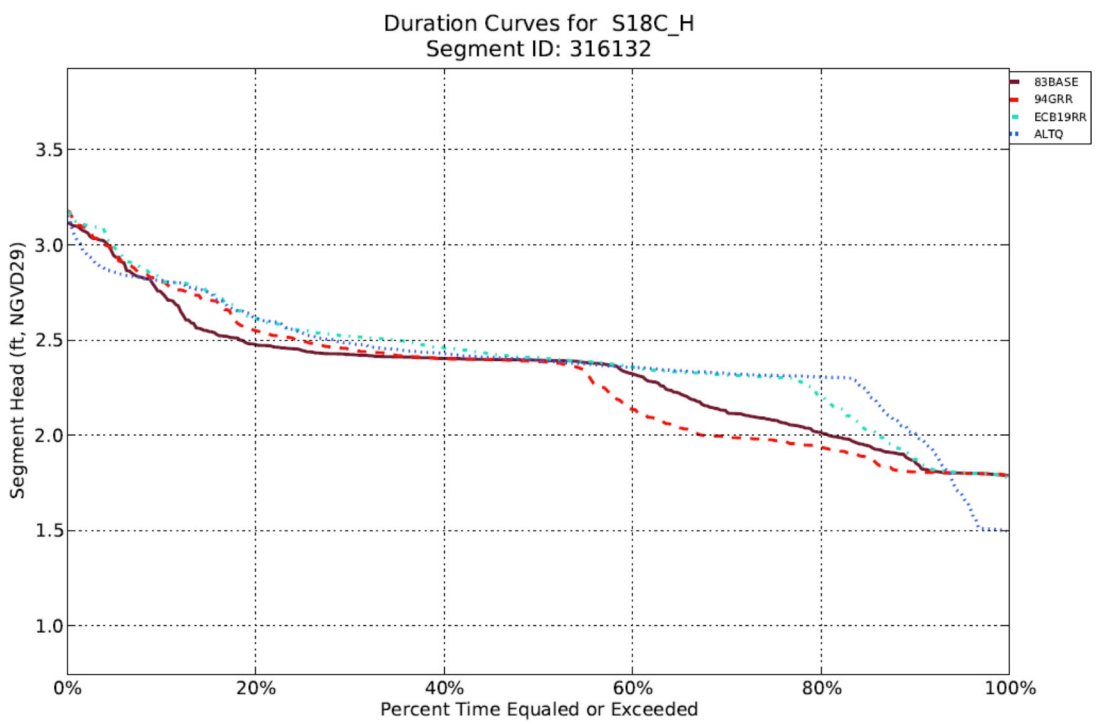

Figure H-5. 148. Wet year canal stage duration curves at S18_C for 83BASE, 94GRR, ALTQ, and ECB19RR.

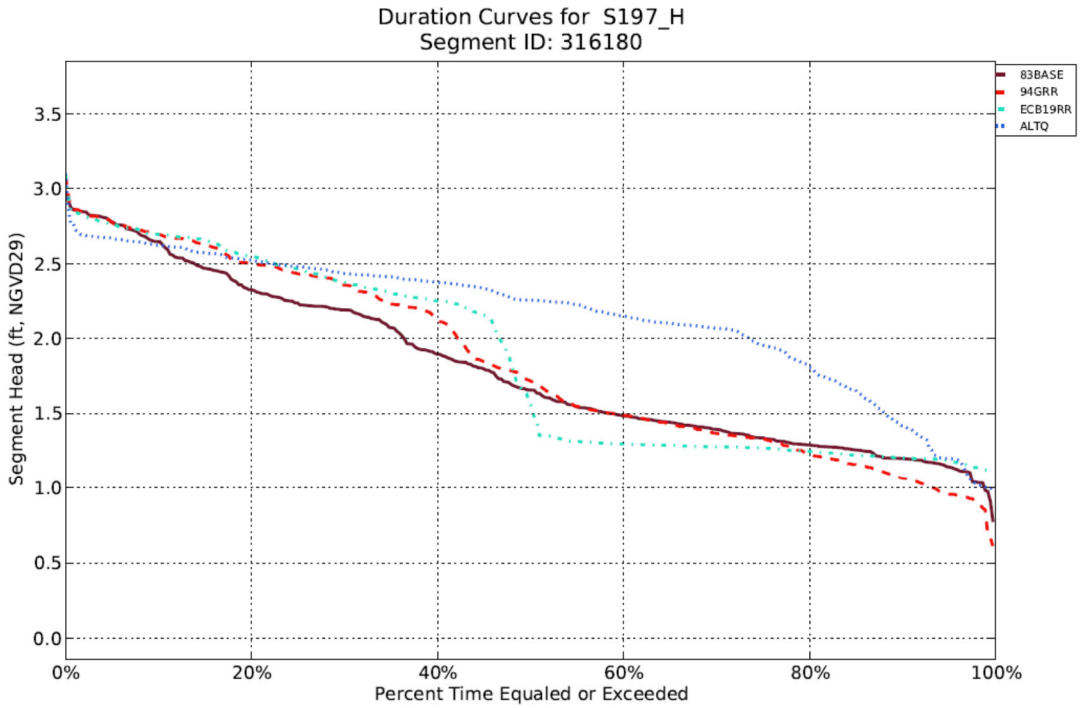

Figure H-5. 149. Wet year canal stage duration curves at S197_H for 83BASE, 94GRR, ALTQ, and ECB19RR.