APPENDIX D
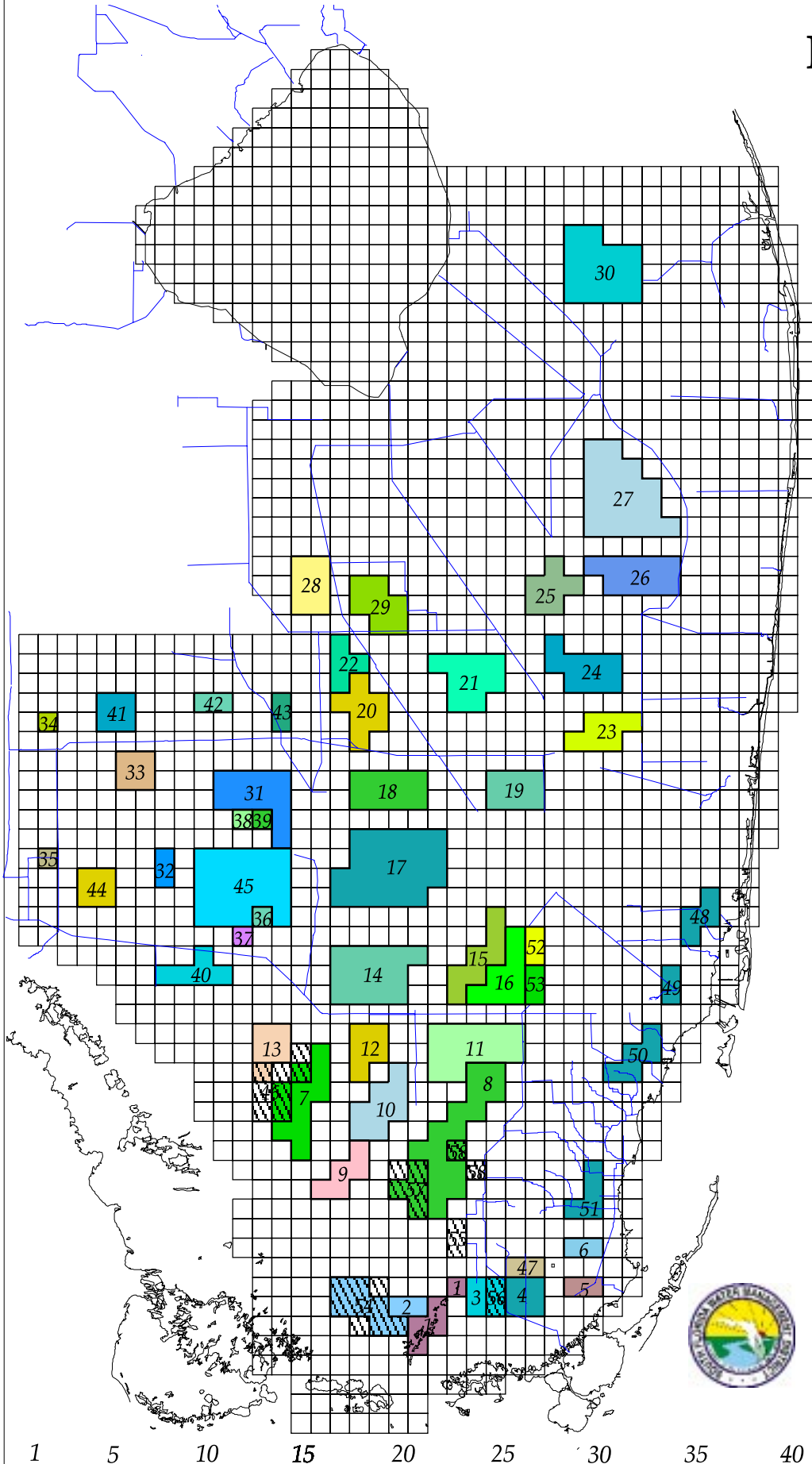
HYDROGRAPHS FOR WCA 3A

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Indicator Regions
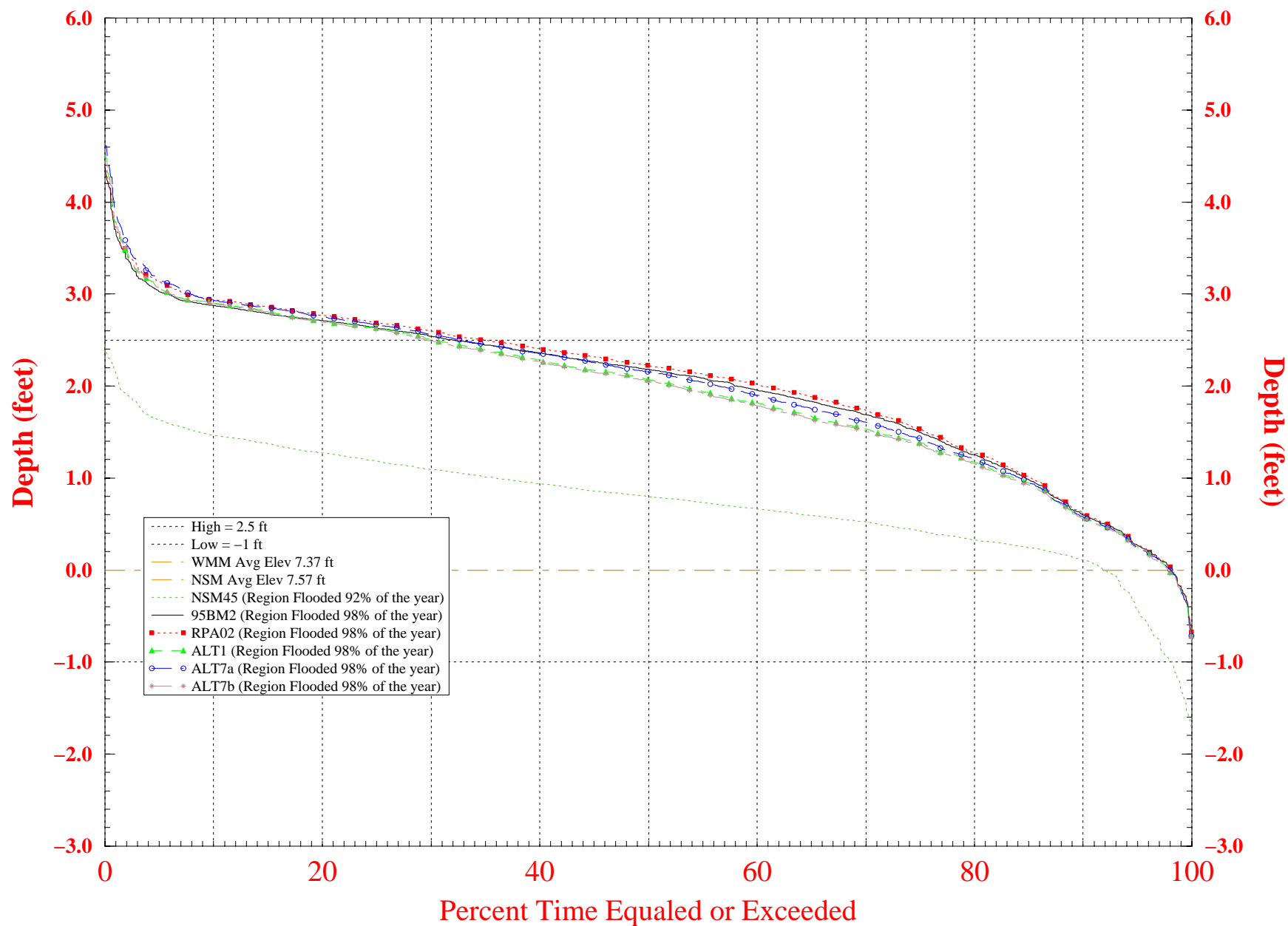
Updated April 13, 1998

1 = Taylor Slough
2 = West Perrine Marl Marsh
3 = Mid-Perrine Marl Marsh
4 = C-111 Perrine Marl Marsh
5 = Model Lands South
6 = Model Lands North
7 = Ochopee Marl Marsh
8 = Rockland Marl Marsh
9 = SW Shark River Slough
10 = Mid-Shark River Slough
11 = NE Shark River Slough
12 = New Shark River Slough
13 = West Slough
14 = South WCA-3A
15 = West WCA-3B
16 = East WCA-3B
17 = South Central WCA-3A
18 = North Central WCA-3A
19 = East WCA-3A
20 = NW WCA-3A
21 = NE WCA-3A
22 = NW Corner WCA-3A
23 = WCA-2B
24 = South WCA-2A
25 = North WCA-2A
26 = South WCA-1 (LNWR)
27 = North WCA-1 (LNWR)
28 = Rotenberger WMA
29 = Holey Land WMA
30 = Corbett WMA
31 = Mullet Slough
32 = Upland Pine
33 = Upper Mullet Slough
34 = Cypress Marsh
35 = Wet Prairie
36 = Wetter Prairie NE
37 = Wetter Prairie SW
38 = Drier Cypress NW
39 = Drier Cypress NE
40 = Cypress
41 = NW Big Cypress
42 = NE Big Cypress
43 = NE Corner Big Cypress
44 = SW Big Cypress
45 = Racoon Point
47 = North C-111
48 = N. Biscayne Bay
      Groundwater 1
49 = N. Biscayne Bay
      Groundwater 2
50 = Central Biscayne Bay
      Groundwater
51 = S. Biscayne Bay
      Groundwater
52 = Pennsuco Wetlands North
53 = Pennsuco Wetlands South
46 = Cape Sable Sparrow A
54 = Cape Sable Sparrow B
55 = Cape Sable Sparrow C
56 = Cape Sable Sparrow D
57 = Cape Sable Sparrow E
58 = Cape Sable Sparrow F

Normalized Weekly Stage Duration Curves for South WCA–3A

Indicator Region 14 (R23C17–20 R24C17–20 R25C17–21)

Legend:
- High = 2.5 ft
- Low = −1 ft
- WMM Avg Elev 7.37 ft
- NSM Avg Elev 7.57 ft
- NSM45 (Region Flooded 92% of the year)
- 95BM2 (Region Flooded 98% of the year)
- RPA02 (Region Flooded 98% of the year)
- ALT1 (Region Flooded 98% of the year)
- ALT7a (Region Flooded 98% of the year)
- ALT7b (Region Flooded 98% of the year)

Y-axis: Depth (feet)
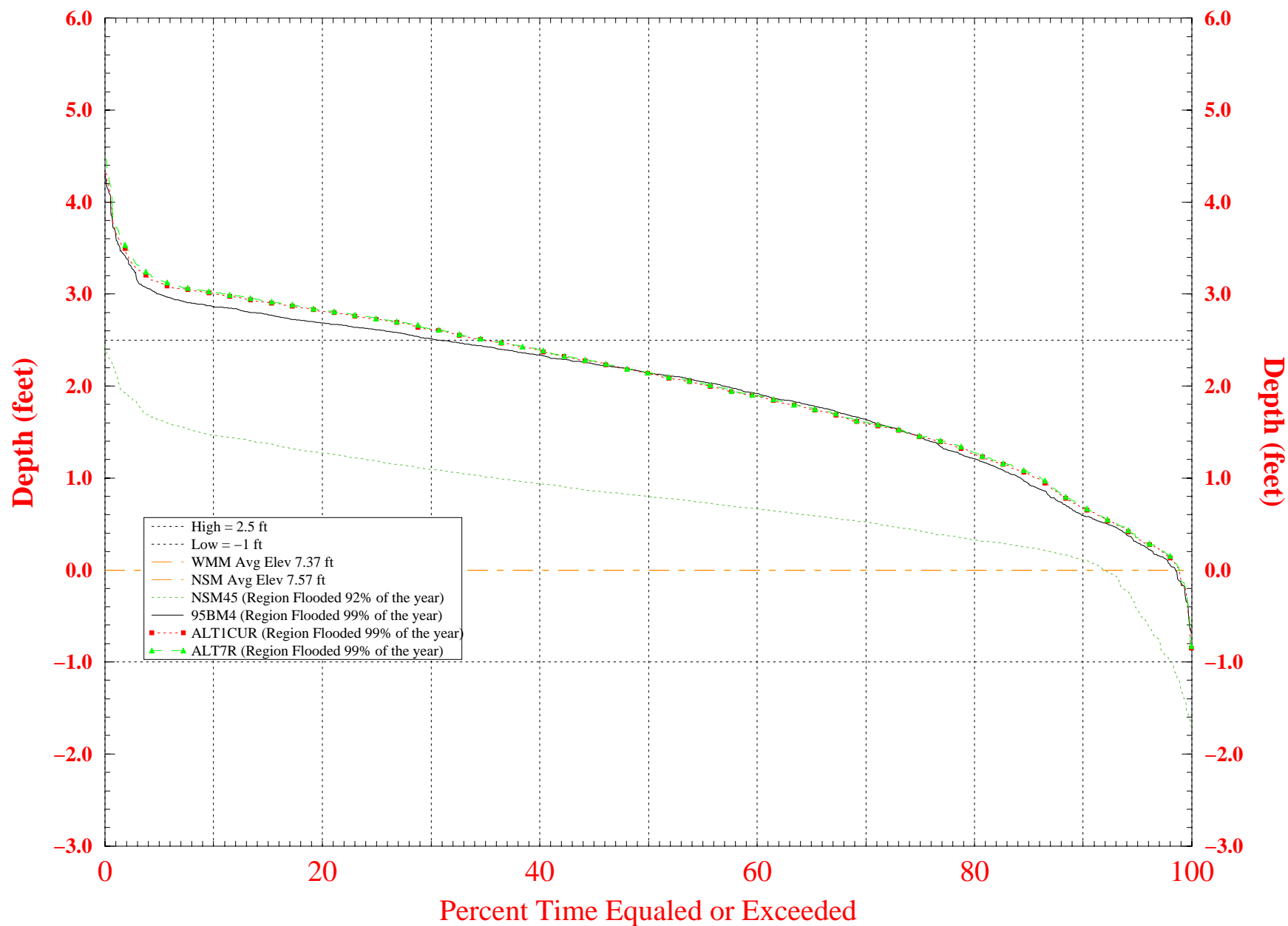X-axis: Percent Time Equaled or Exceeded

Note: Normalized stage is stage referenced to Land Elevation. Thus, values above zero indicate ponding while values below zero indicate depth to the water table.

Run date: Thu Aug 2 19:17:14 EDT 2001
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Normalized Weekly Stage Duration Curves for South WCA–3A

Indicator Region 14 (R23C17–20 R24C17–20 R25C17–21)

Legend:
- High = 2.5 ft
- Low = −1 ft
- WMM Avg Elev 7.37 ft
- NSM Avg Elev 7.57 ft
- NSM45 (Region Flooded 92% of the year)
- 95BM4 (Region Flooded 99% of the year)
- ALT1CUR (Region Flooded 99% of the year)
- ALT7R (Region Flooded 99% of the year)

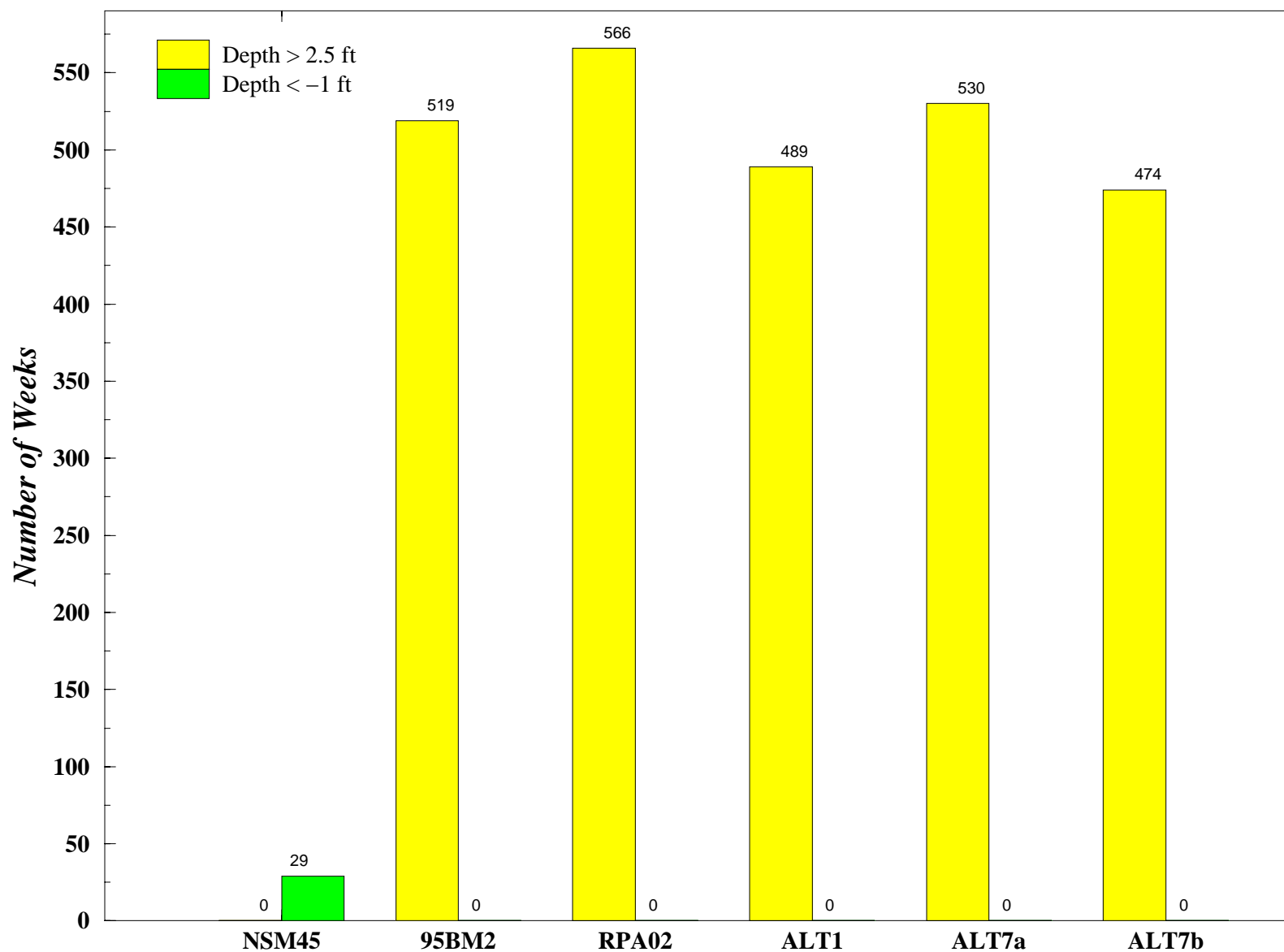X-axis: Percent Time Equaled or Exceeded
Y-axis: Depth (feet)

Note: Normalized stage is stage referenced to Land Elevation. Thus, values above zero indicate ponding while values below zero indicate depth to the water table.

Number of Weeks High/Low Water Depth Criteria Exceeded

Indicator Region 14 (R23C17–20 R24C17–20 R25C17–21)
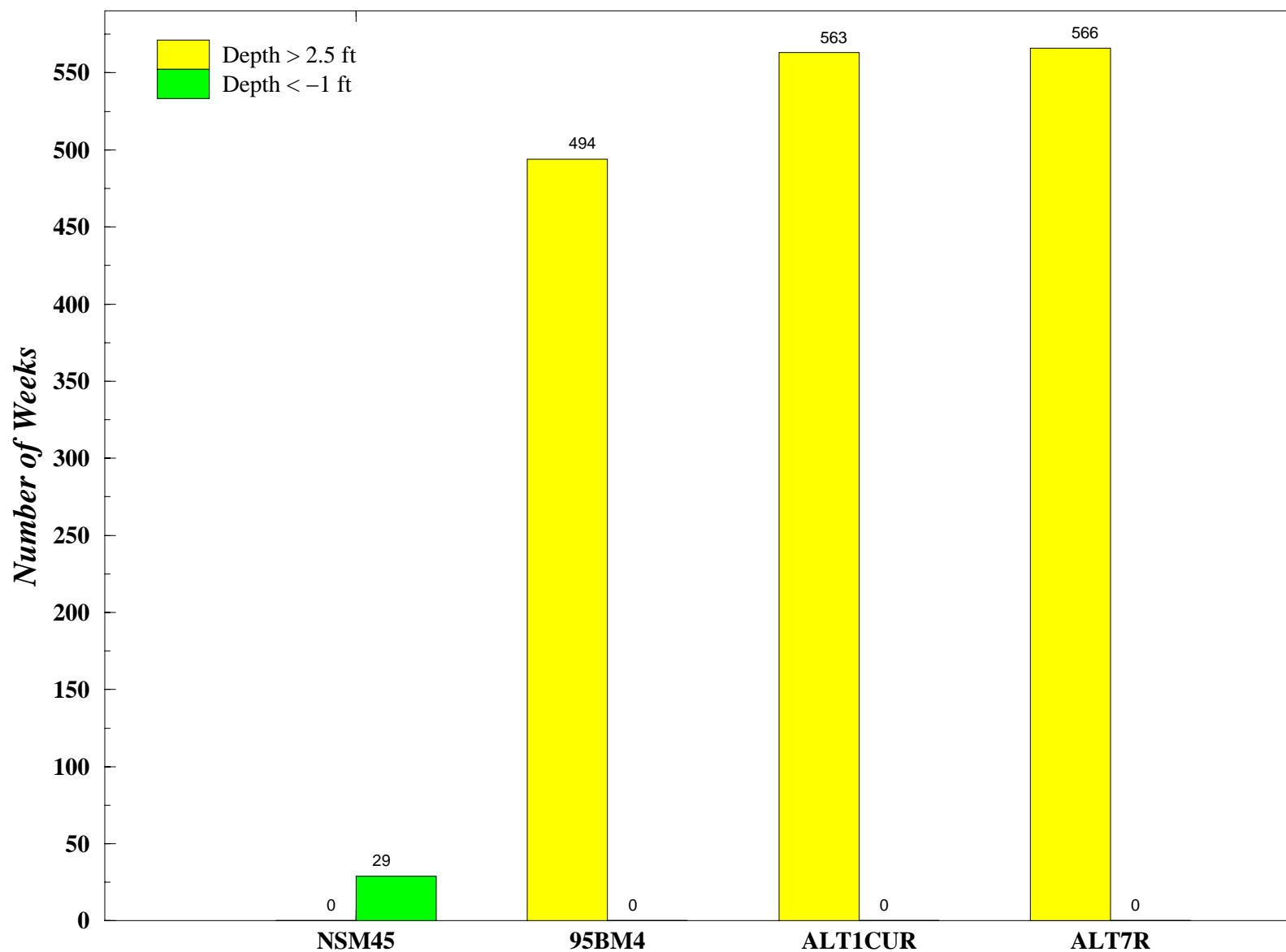

Legend:
- Depth > 2.5 ft (yellow)
- Depth < −1 ft (green)

Note: The desired condition is to exceed the high water depth as few times as possible and go below the low water depth as few times as possible.

Number of Weeks High/Low Water Depth Criteria Exceeded

Indicator Region 14 (R23C17–20 R24C17–20 R25C17–21)

Legend:
- Depth > 2.5 ft (yellow)
- Depth < −1 ft (green)

Y-axis: *Number of Weeks* (0 to 550+)

Data values:
- NSM45: 0 (yellow), 29 (green)
- 95BM4: 494 (yellow), 0 (green)
- ALT1CUR: 563 (yellow), 0 (green)
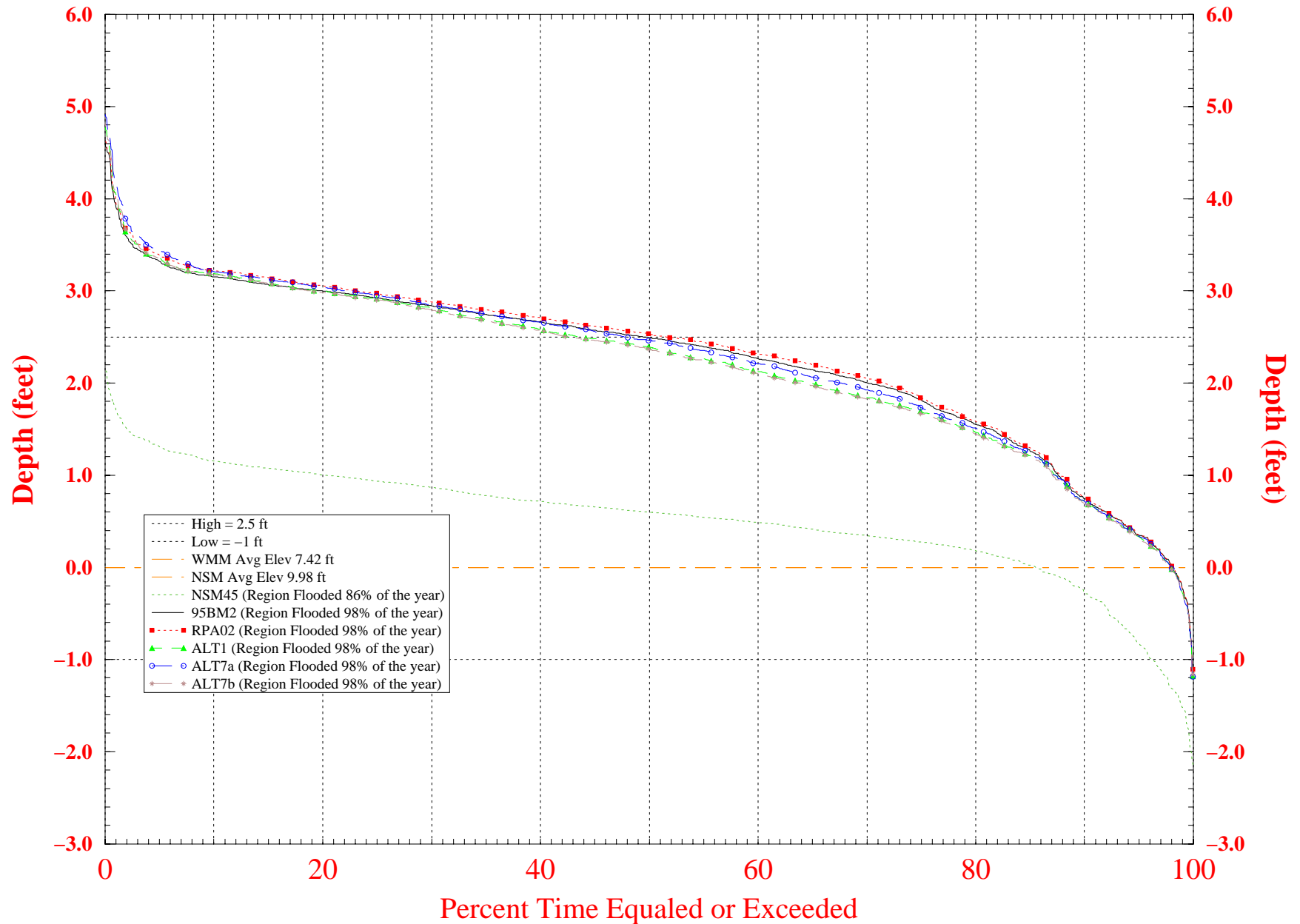- ALT7R: 566 (yellow), 0 (green)

Note: The desired condition is to exceed the high water depth as few times
as possible and go below the low water depth as few times as possible.

Normalized Weekly Stage Duration Curves for East WCA–3A

Indicator Region 19 (R33C25–27 R34C25–27)

Legend:
- .... High = 2.5 ft
- -------- Low = −1 ft
- — — WMM Avg Elev 7.42 ft
- — — NSM Avg Elev 9.98 ft
- .... NSM45 (Region Flooded 86% of the year)
- ——— 95BM2 (Region Flooded 98% of the year)
- ■ ■ RPA02 (Region Flooded 98% of the year)
- ▲ ▲ ALT1 (Region Flooded 98% of the year)
- ○ ○ ALT7a (Region Flooded 98% of the year)
- ✱ ✱ ALT7b (Region Flooded 98% of the year)

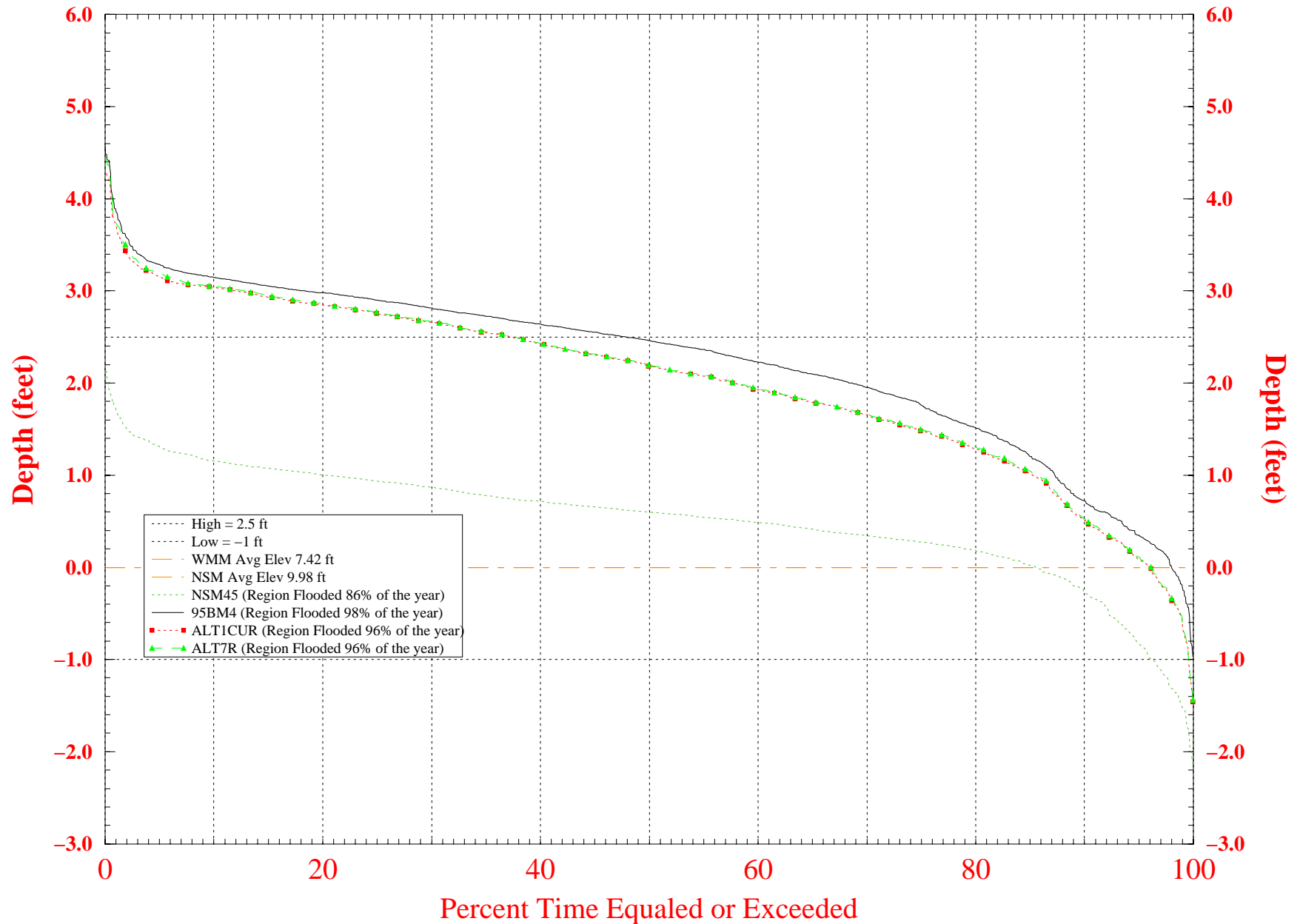X-axis: Percent Time Equaled or Exceeded

Y-axis: Depth (feet)

Note: Normalized stage is stage referenced to Land Elevation. Thus, values above zero indicate ponding while values below zero indicate depth to the water table.

Run date: Thu Aug 2 19:17:34 EDT 2001
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Normalized Weekly Stage Duration Curves for East WCA−3A

Indicator Region 19 (R33C25−27 R34C25−27)

Depth (feet)

Percent Time Equaled or Exceeded

Legend:
- High = 2.5 ft
- Low = −1 ft
- WMM Avg Elev 7.42 ft
- NSM Avg Elev 9.98 ft
- NSM45 (Region Flooded 86% of the year)
- 95BM4 (Region Flooded 98% of the year)
- ALT1CUR (Region Flooded 96% of the year)
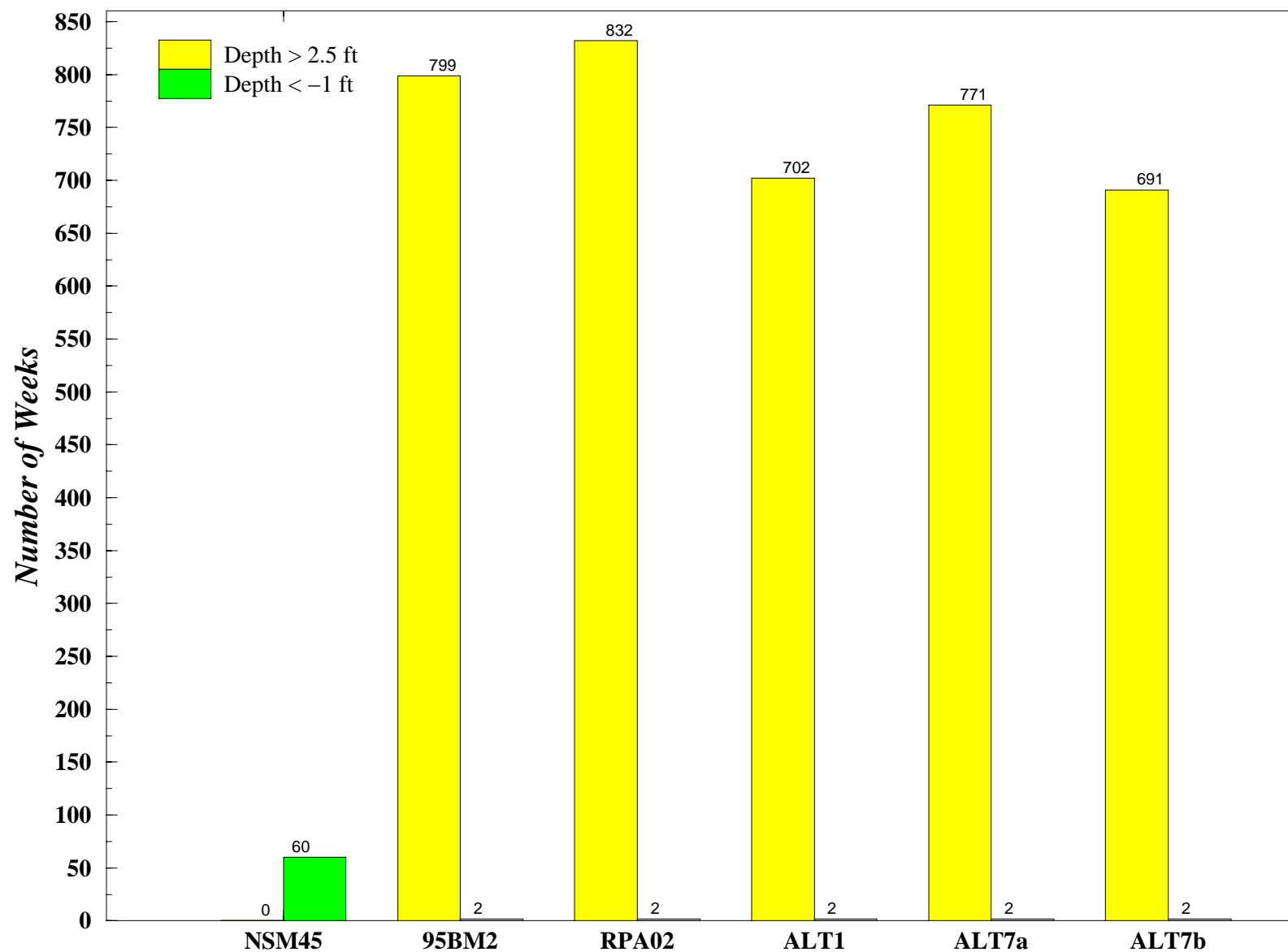- ALT7R (Region Flooded 96% of the year)

Note: Normalized stage is stage referenced to Land Elevation. Thus, values above zero indicate ponding while values below zero indicate depth to the water table.

Number of Weeks High/Low Water Depth Criteria Exceeded
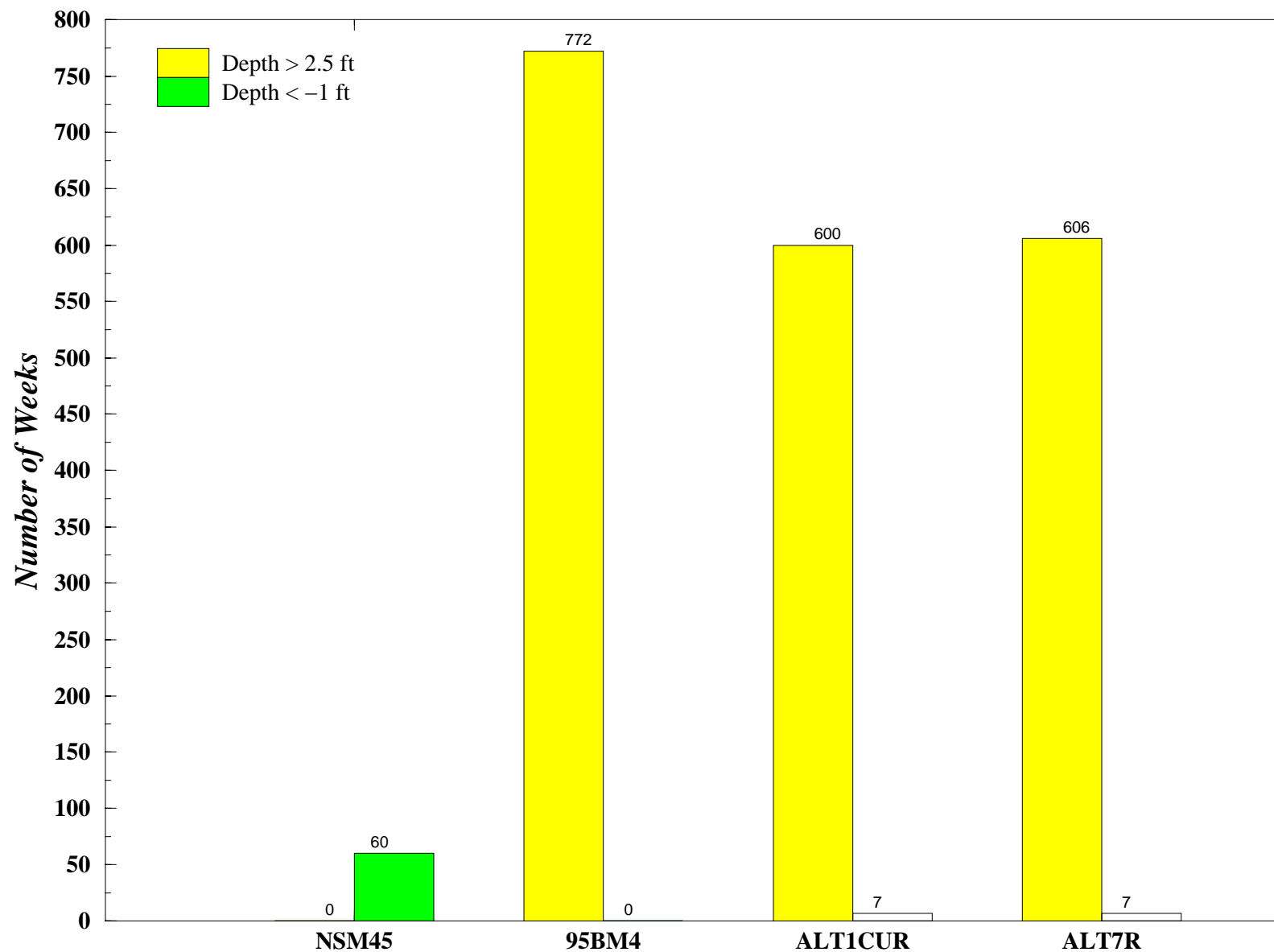
Indicator Region 19 (R33C25–27 R34C25–27)

Note: The desired condition is to exceed the high water depth as few times
as possible and go below the low water depth as few times as possible.

Number of Weeks High/Low Water Depth Criteria Exceeded

Indicator Region 19 (R33C25–27 R34C25–27)

Legend:
- Depth > 2.5 ft (yellow)
- Depth < −1 ft (green)

Data values:
- NSM45: 0 (yellow), 60 (green)
- 95BM4: 772 (yellow), 0 (green)
- ALT1CUR: 600 (yellow), 7 (green)
- ALT7R: 606 (yellow), 7 (green)

Y-axis: Number of Weeks (0 to 800)

Note: The desired condition is to exceed the high water depth as few times as possible and go below the low water depth as few times as possible.

Run date: Fri Oct 25 16:10:09 EDT 2002
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