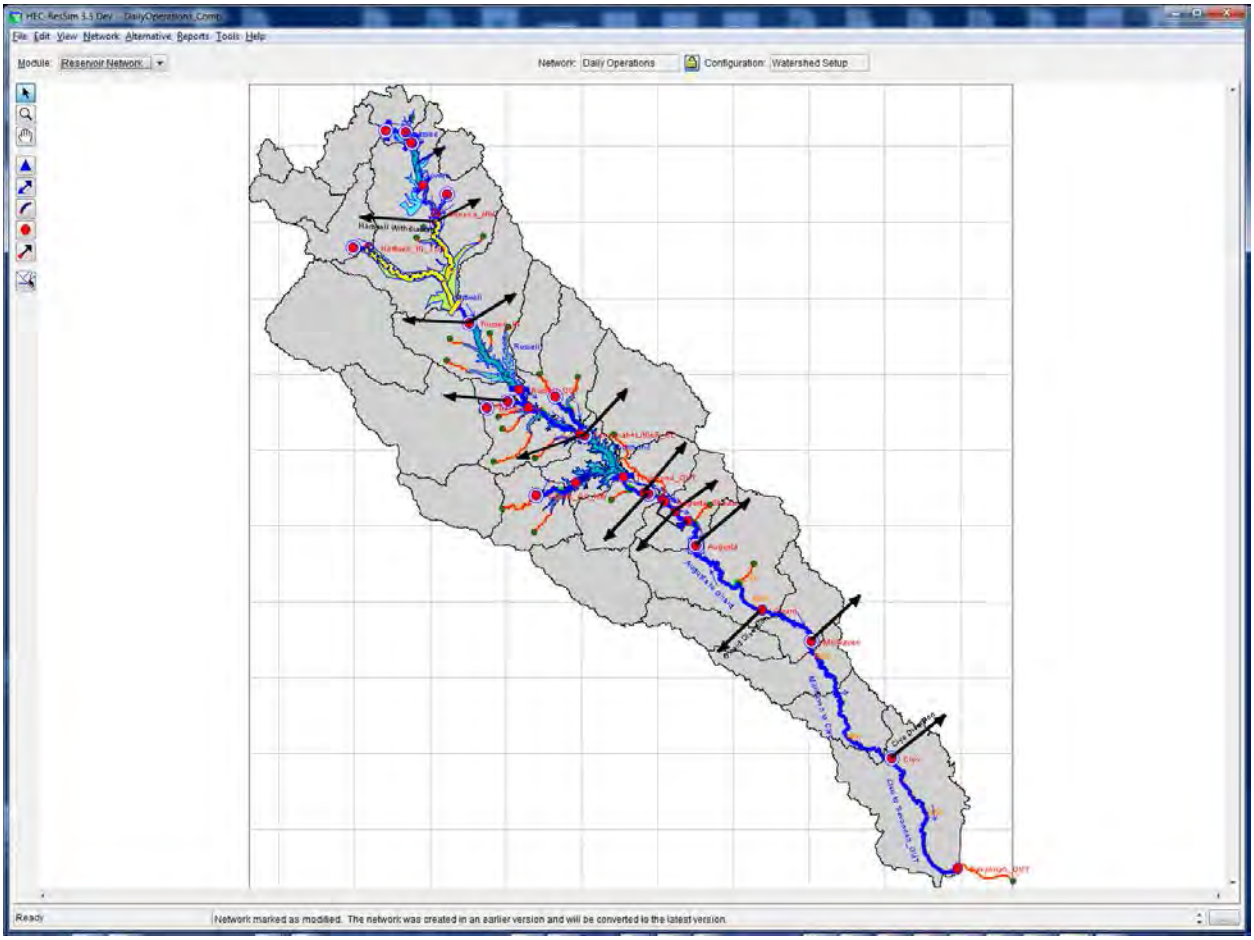
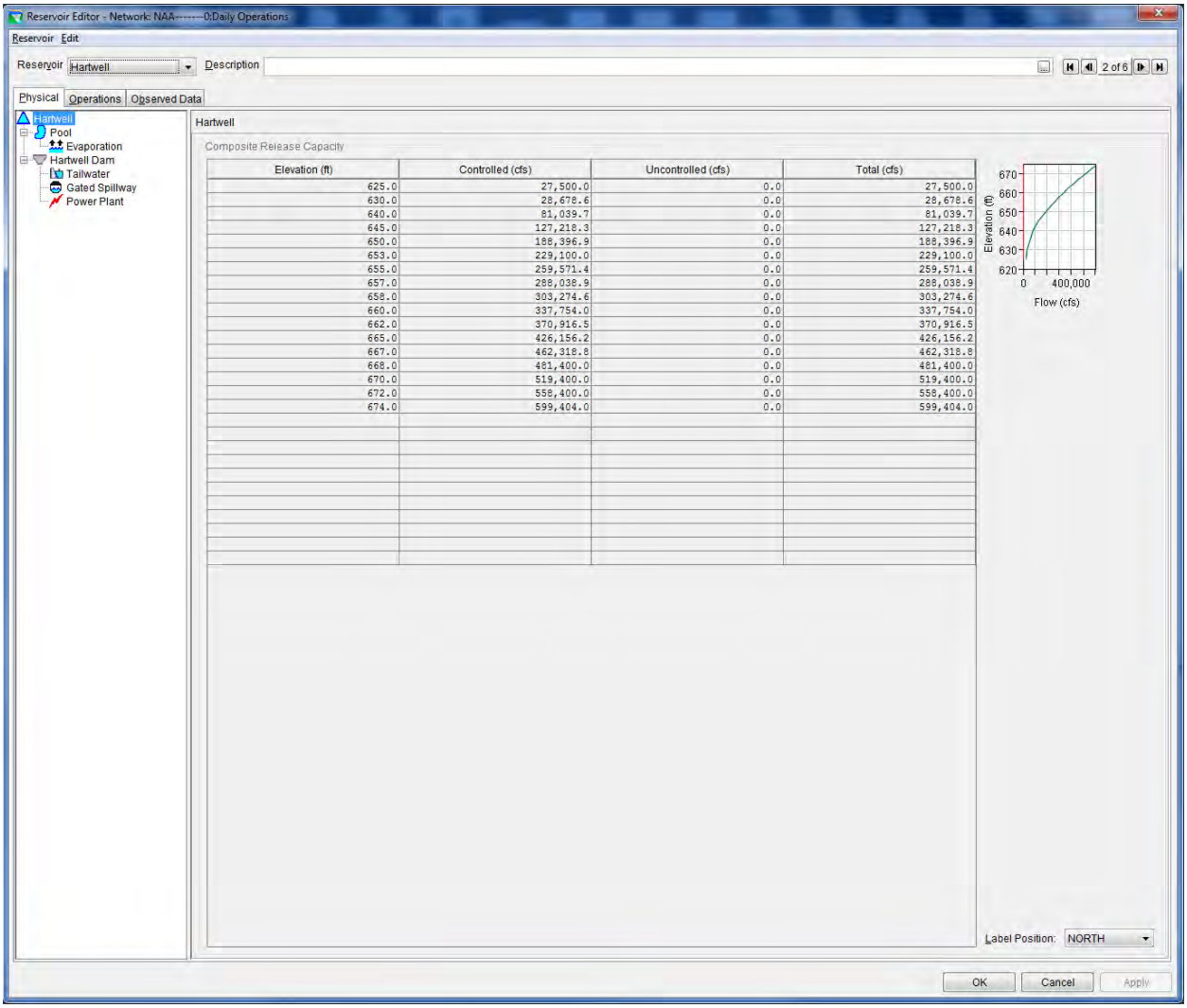
10 Annex B - Savannah River Basin Comprehensive Study II: HEC-ResSim Model

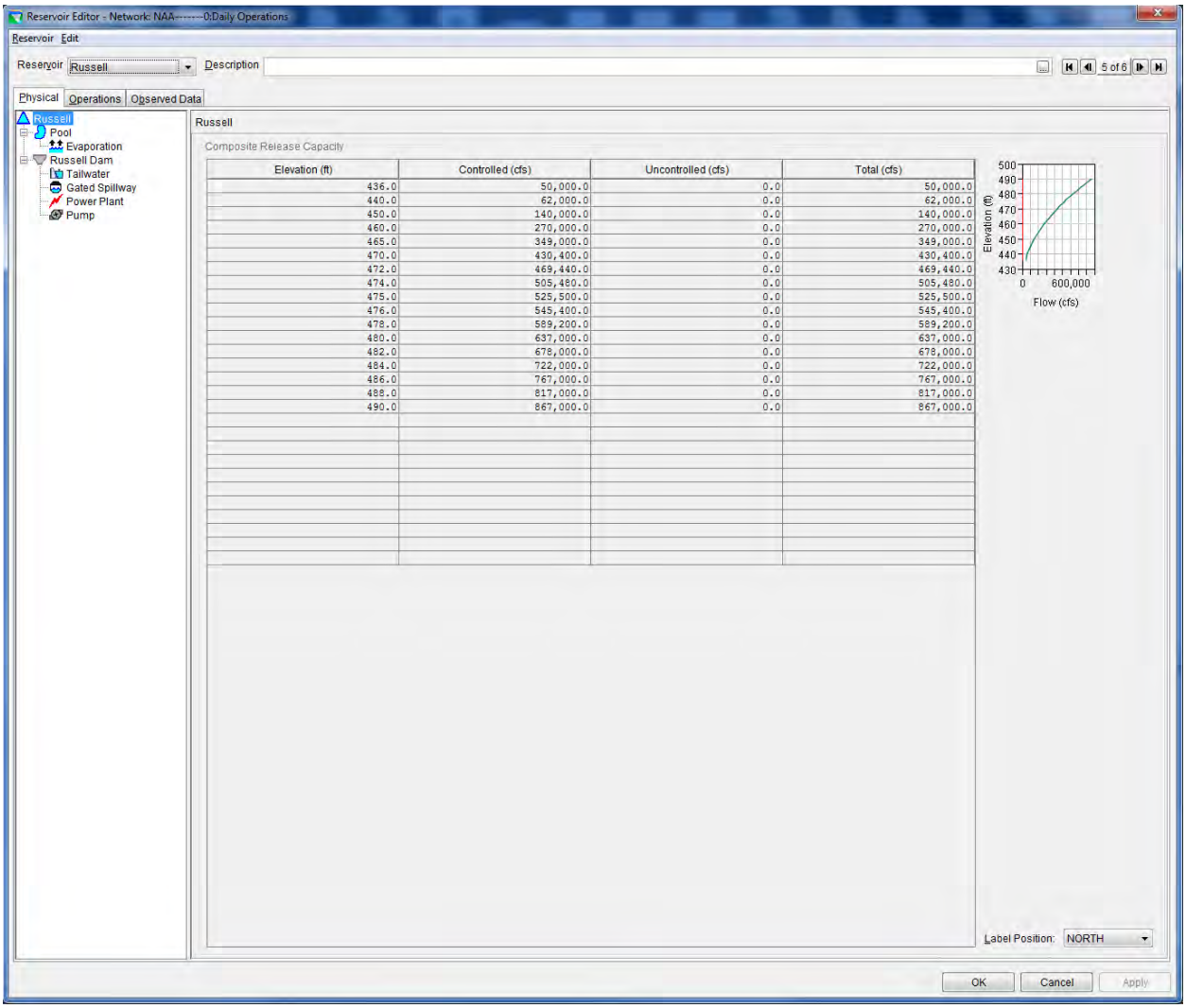
The next 163 screen shots were included for a basic understanding of the elements that go into the configuration of HEC-ResSim, and each alternative's associated rules and priorities.



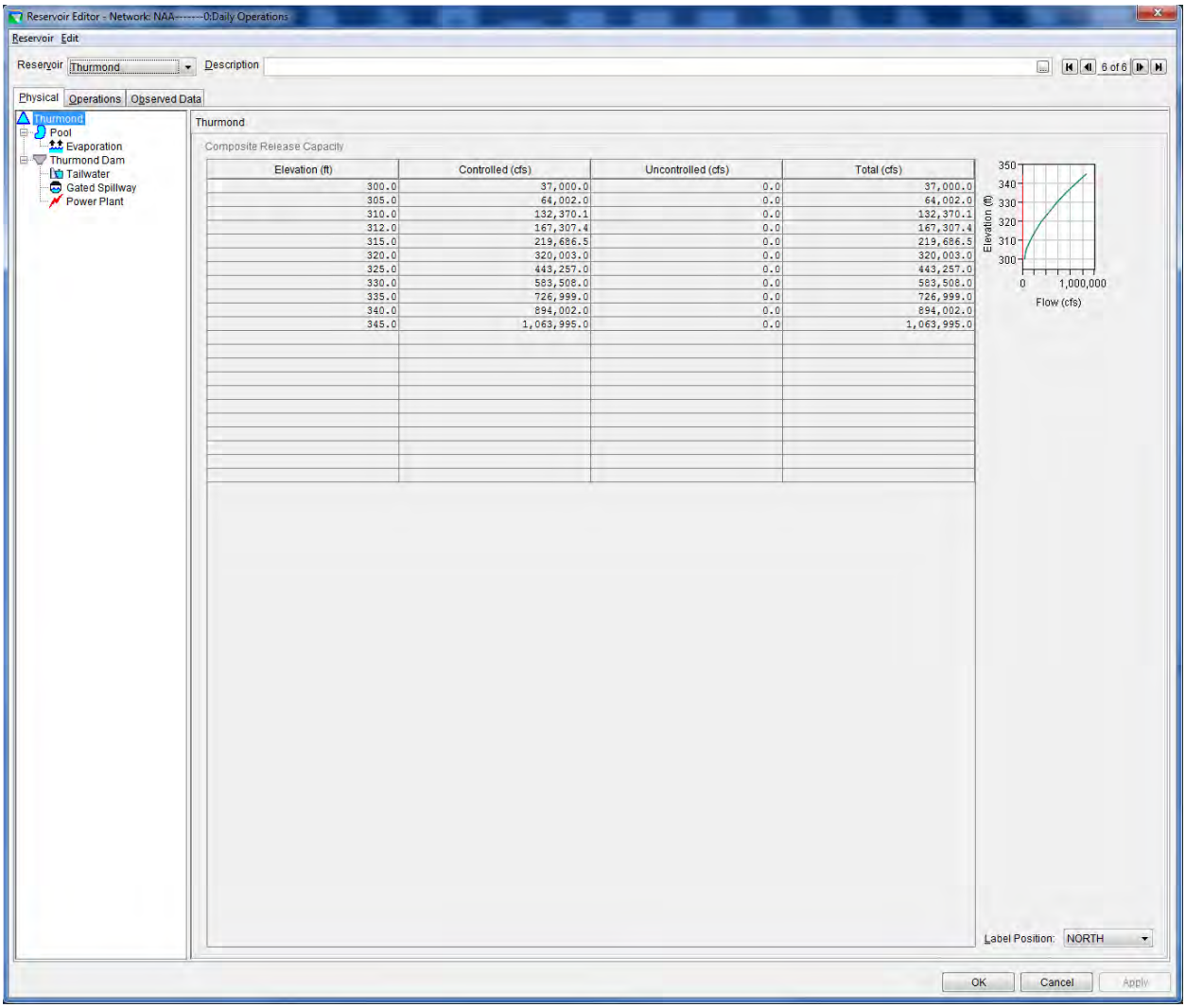
Annex B - Screen 1 (Basin Diagram)



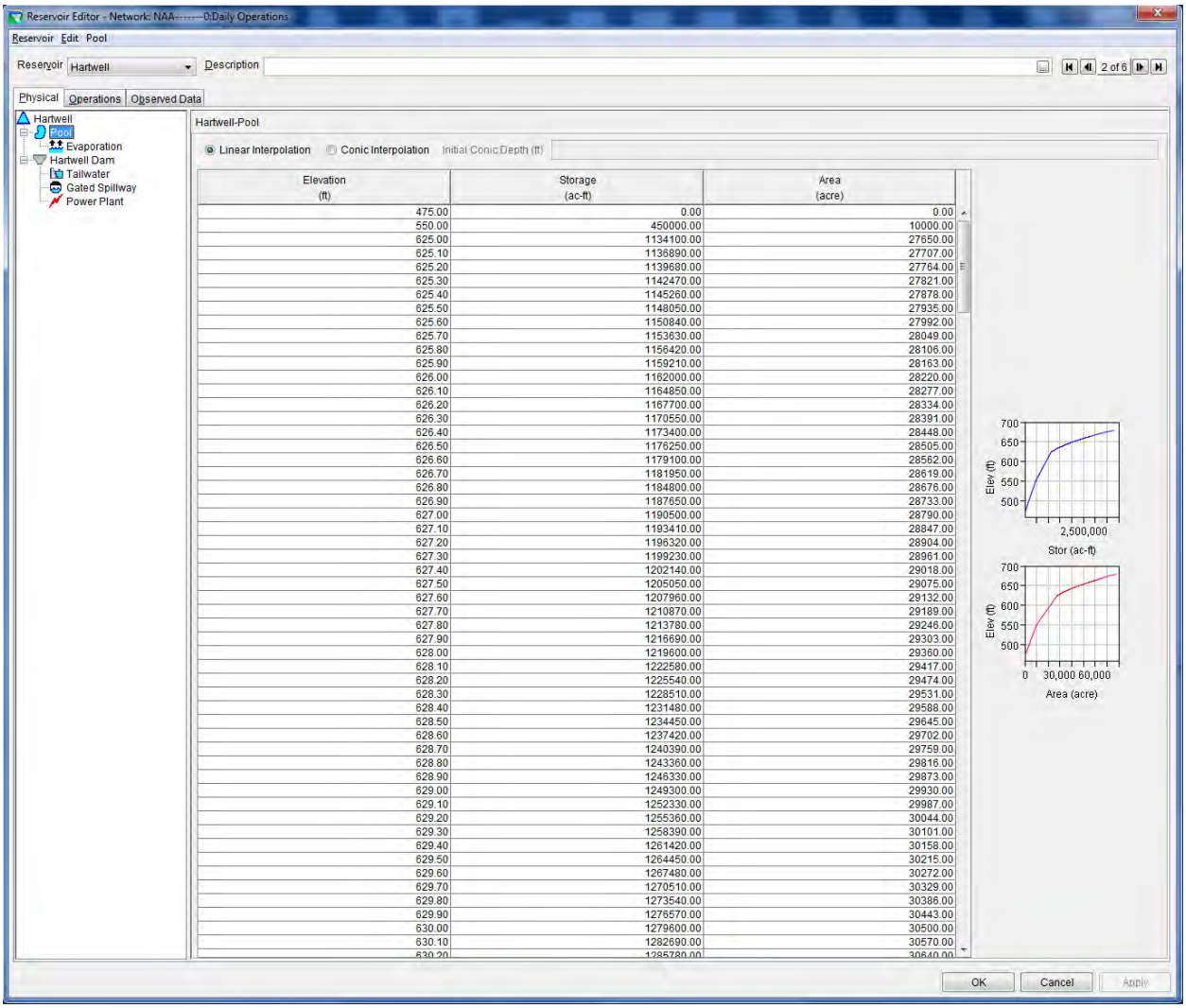
Annex B - Screen 2 (Hartwell Physical Attributes)



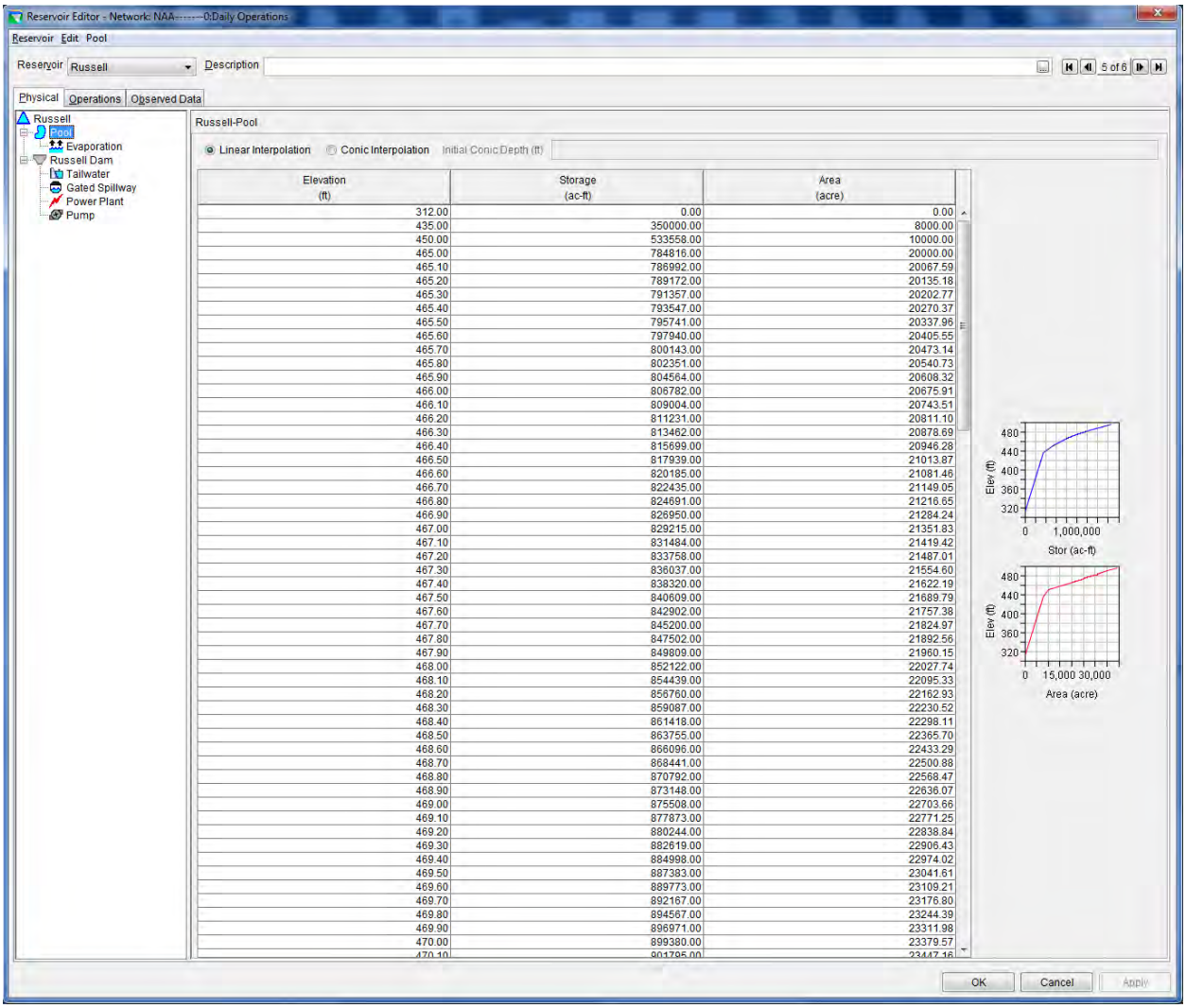
Annex B - Screen 3 (Russell Physical Attributes)



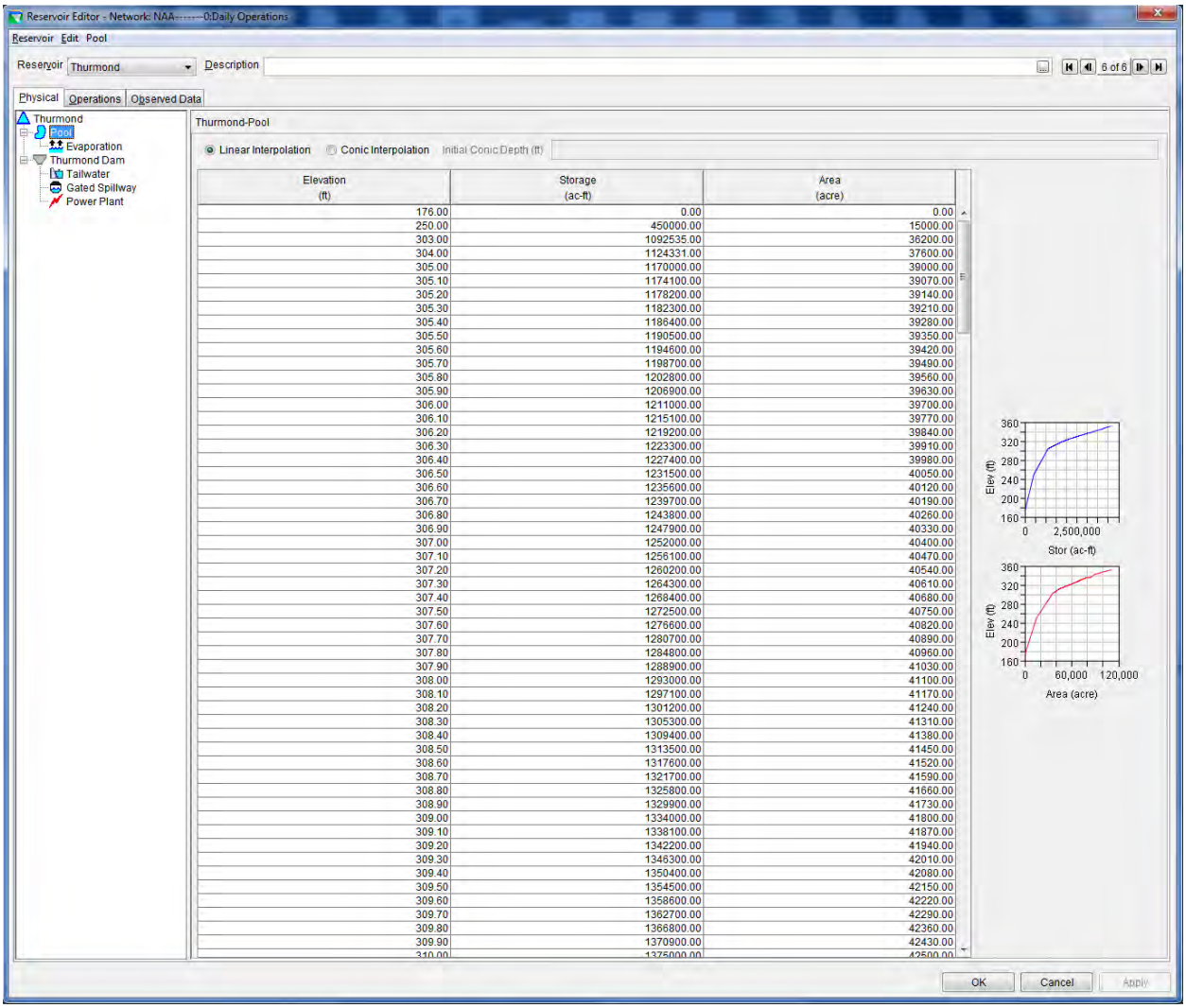
Annex B - Screen 4 (Thurmons Physical Attributes)



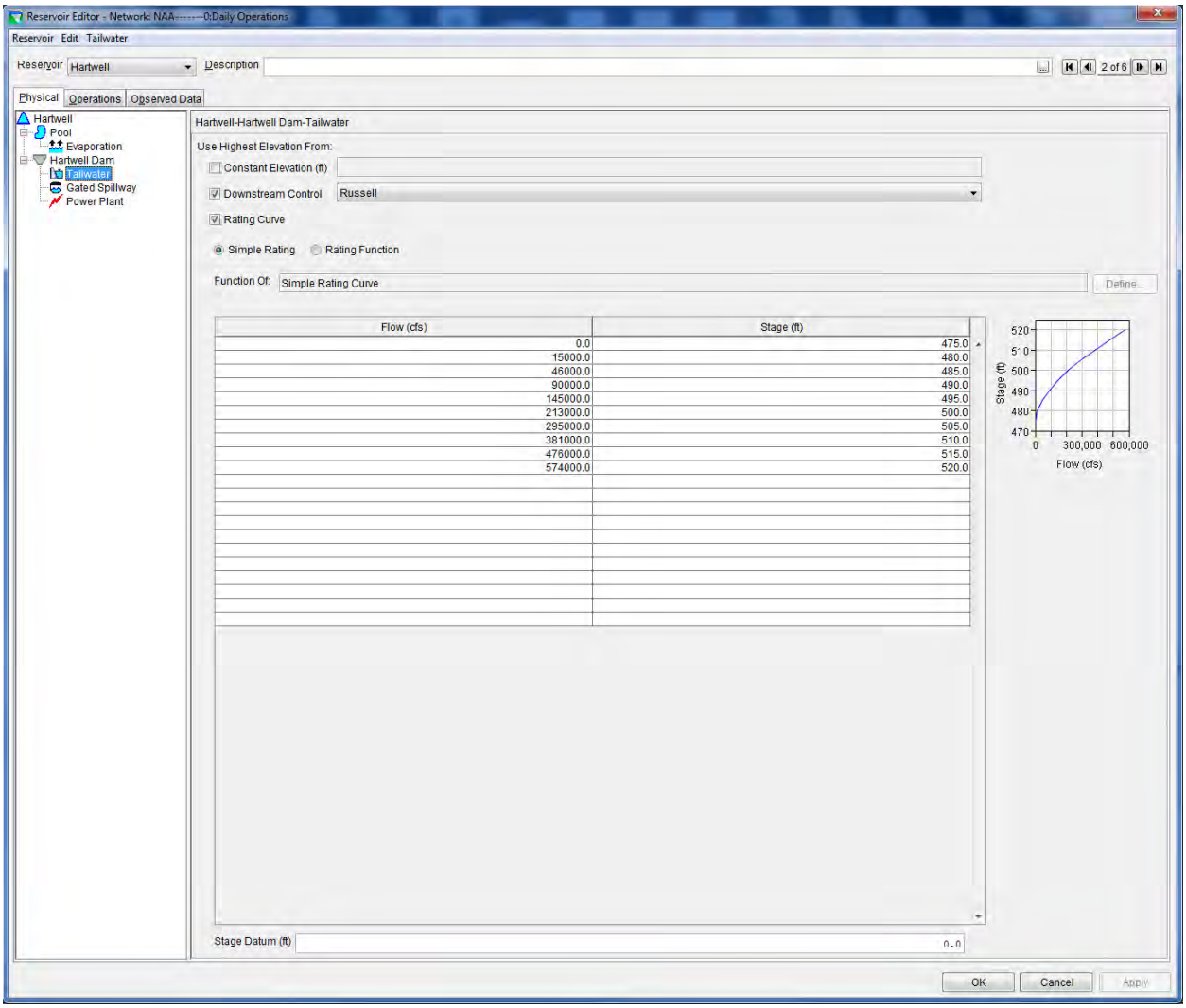
Annex B - Screen 5 (Hartwell Elevation-Storage-Area Attributes)



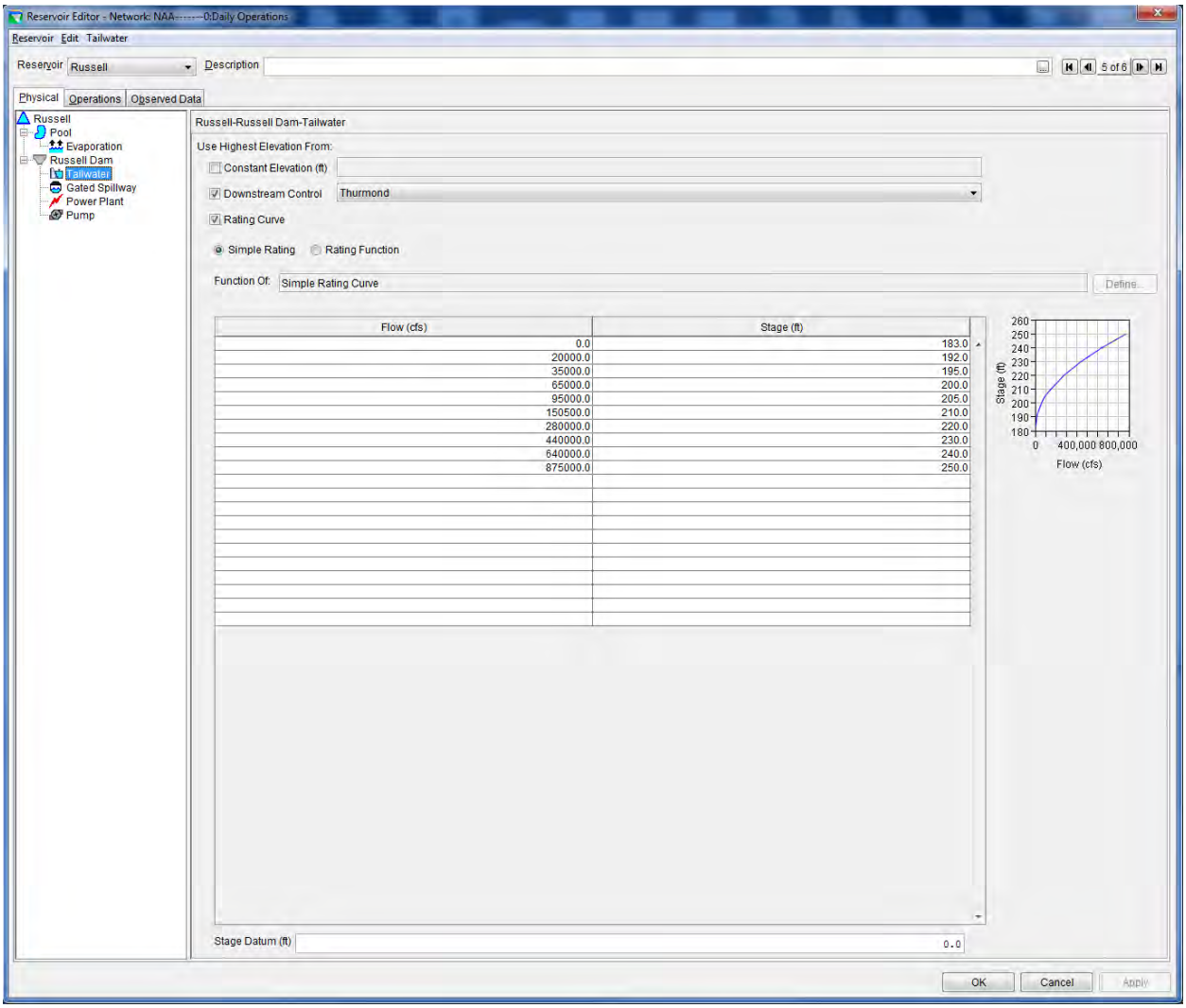
Annex B - Screen 6 (Russell Elevation-Storage-Area Attributes)



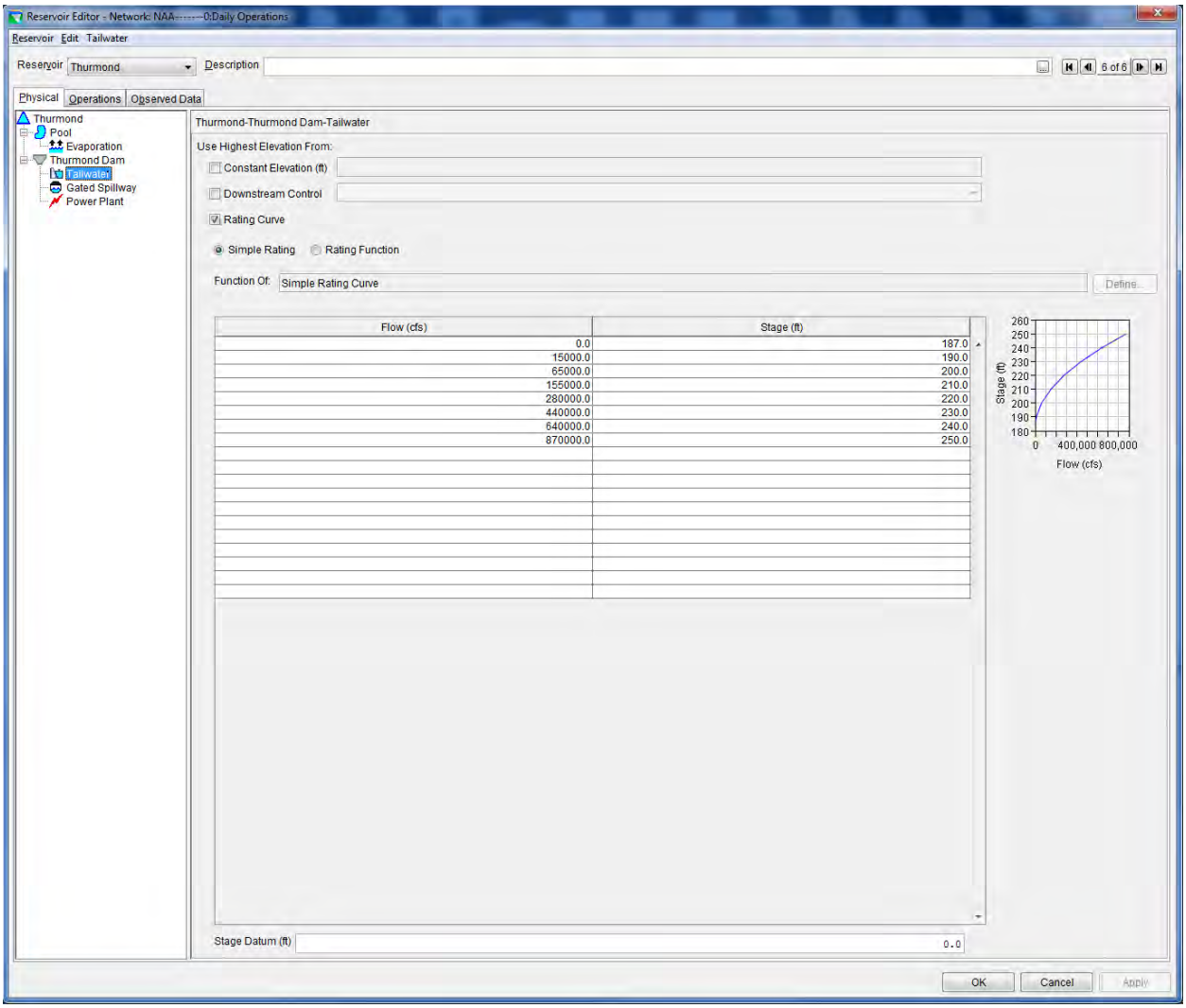
Annex B - Screen 7 (Thurmond Elevation-Storage-Area Attributes)



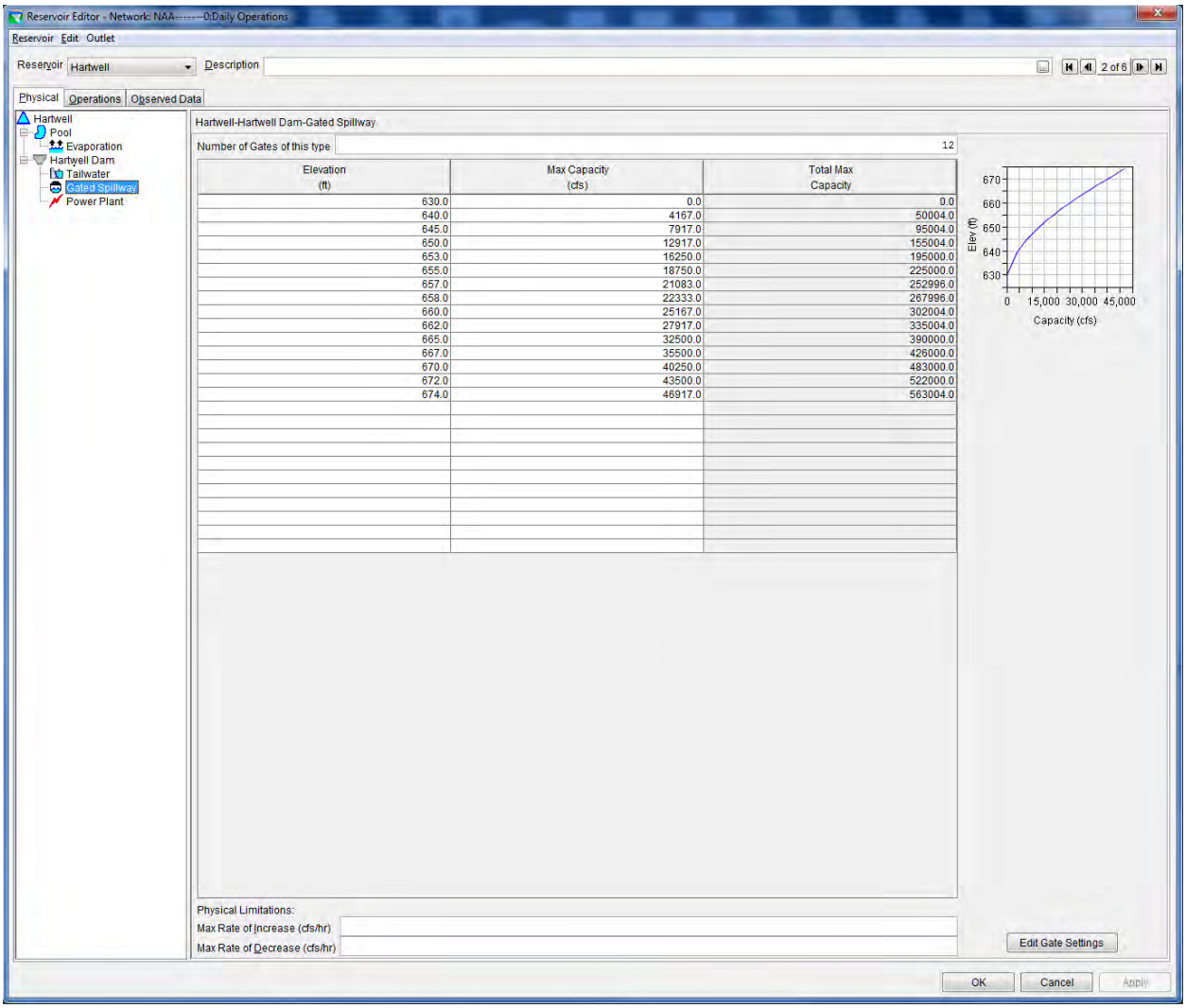
Annex B - Screen 8 (Hartwell Tailwater Rating Curve)



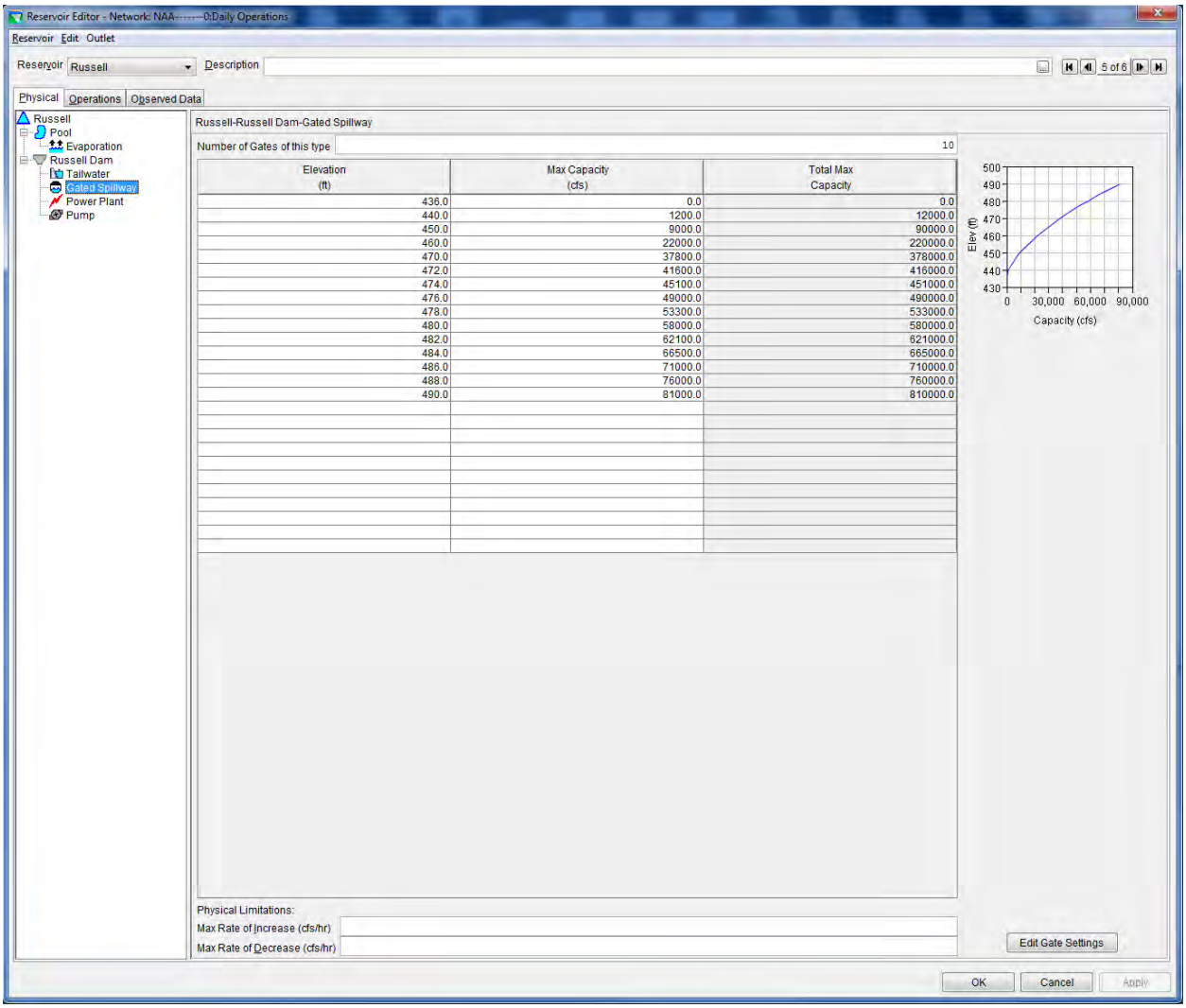
Annex B - Screen 9 (Russell Tailwater Rating Curve)



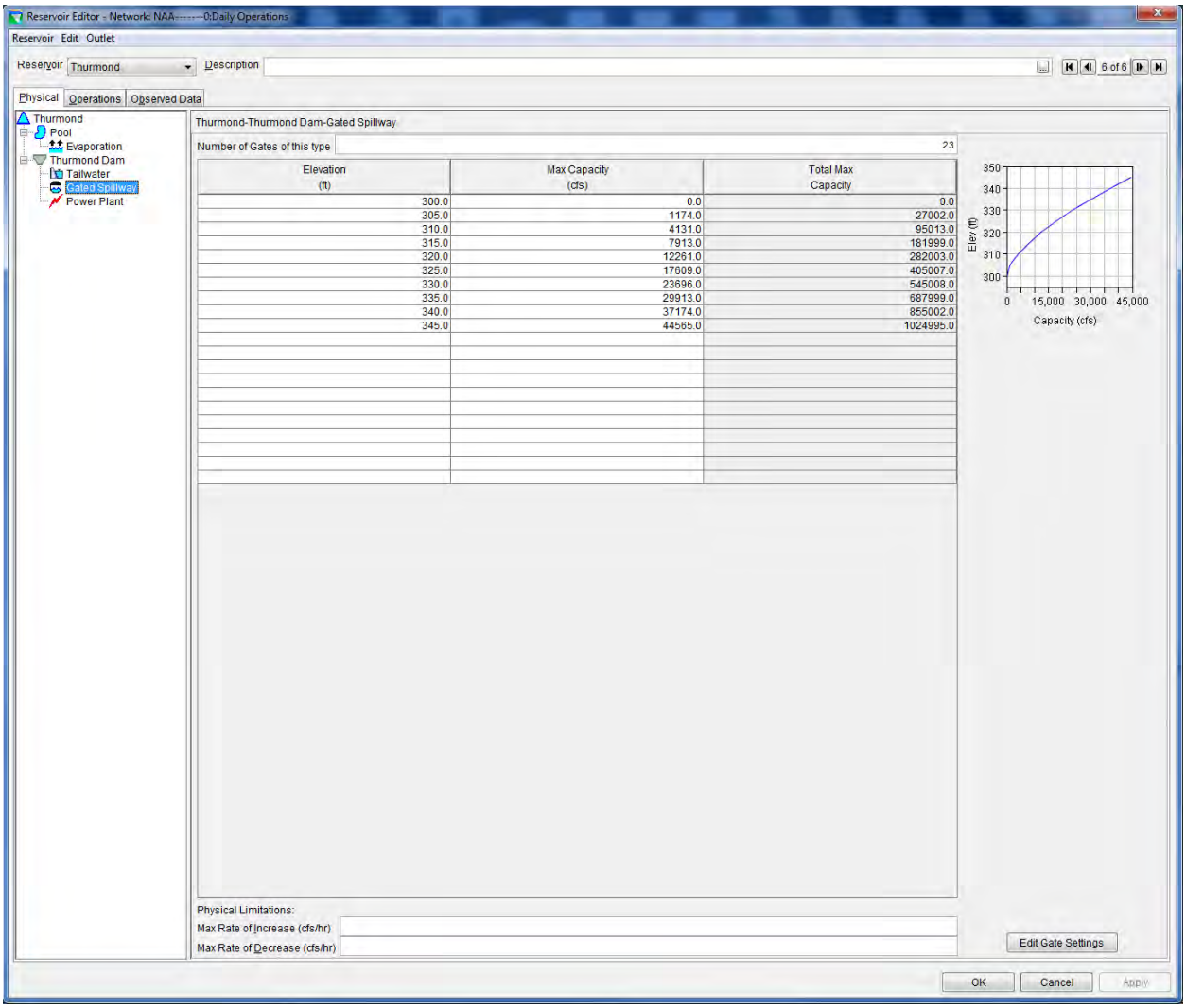
Annex B - Screen 10 (Thurmond Tailwater Rating Curve)



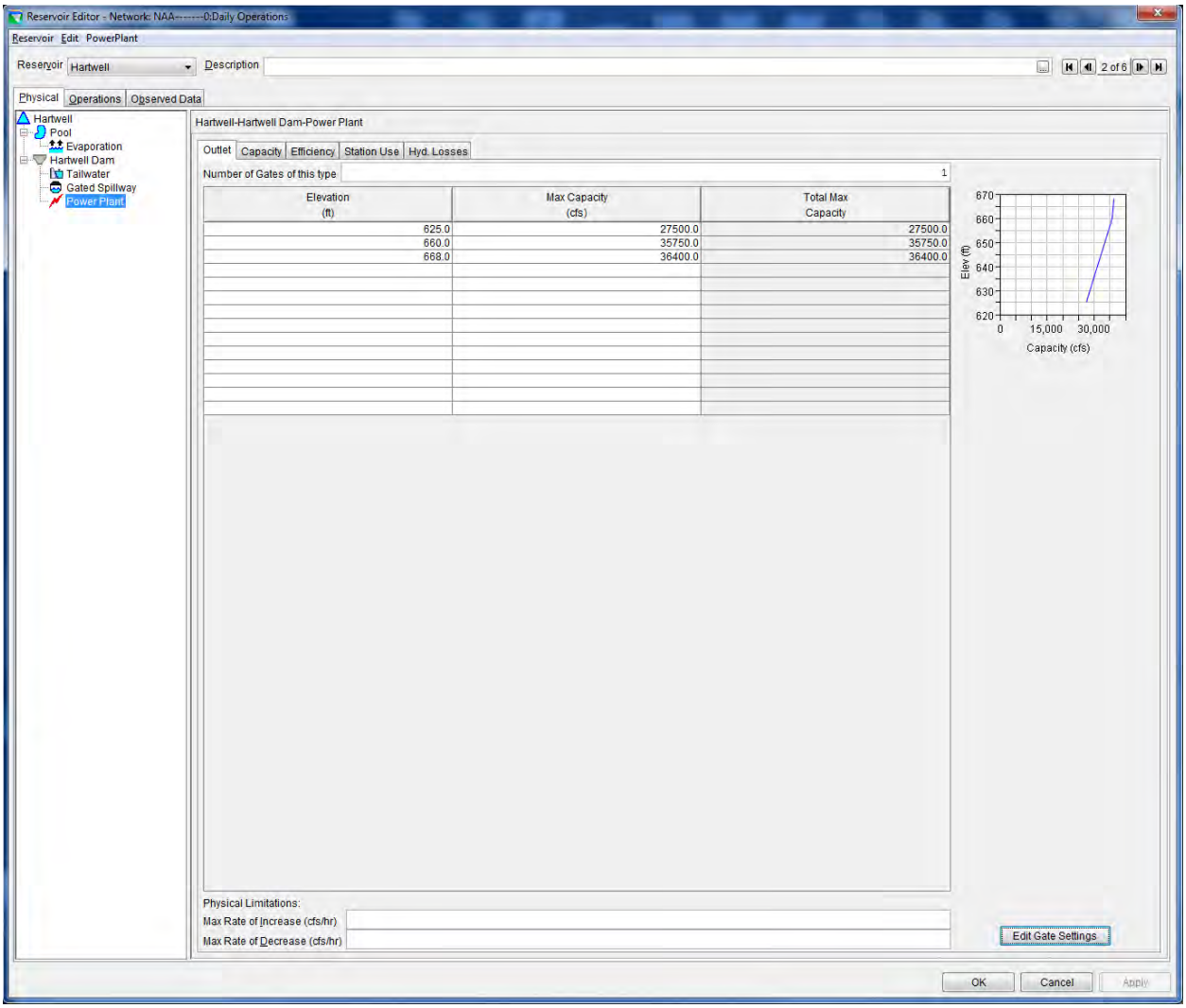
Annex B - Screen 11 (Hartwell Gate Capacity Curve)



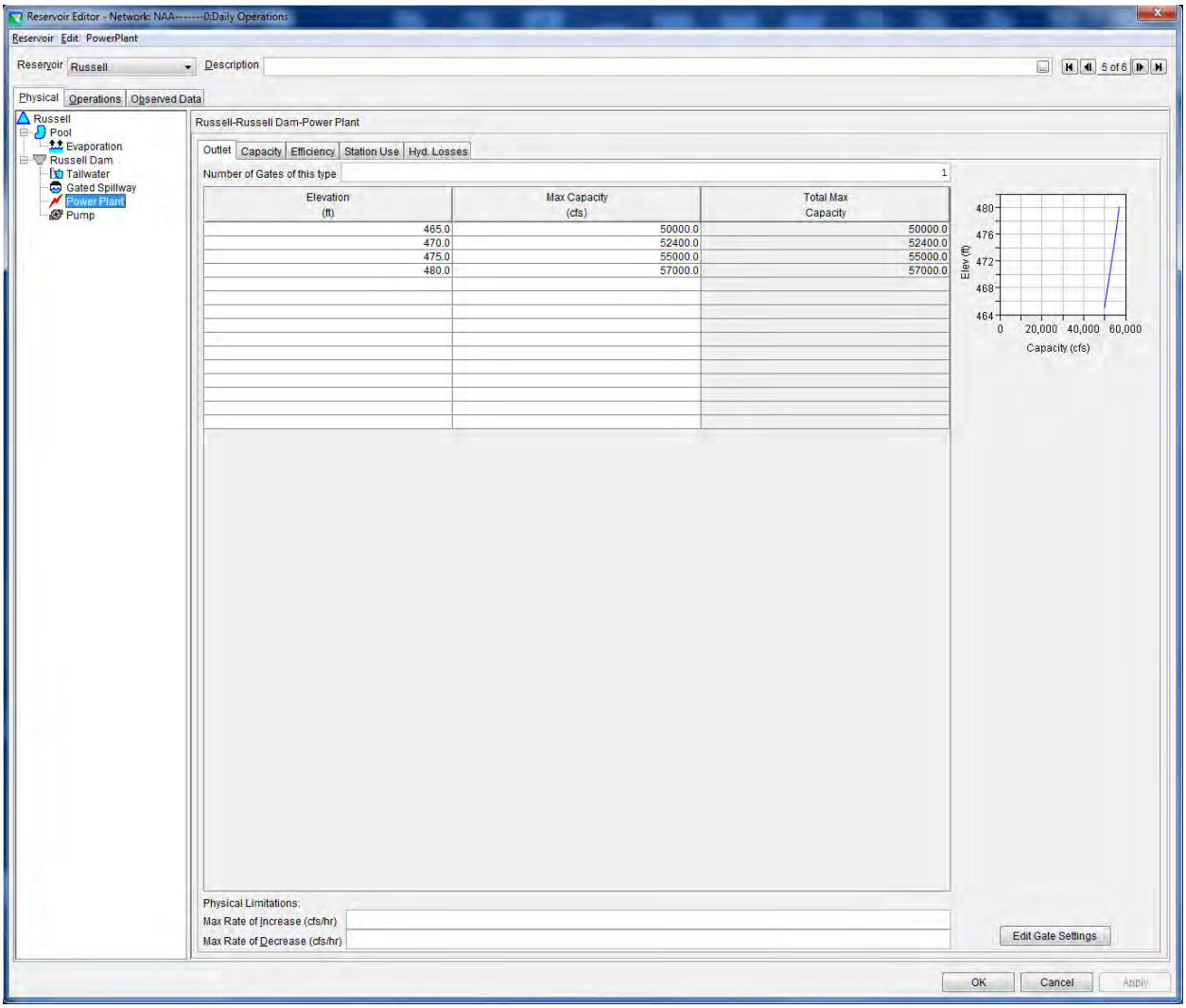
Annex B - Screen 12 (Russell Gate Capacity Curve)



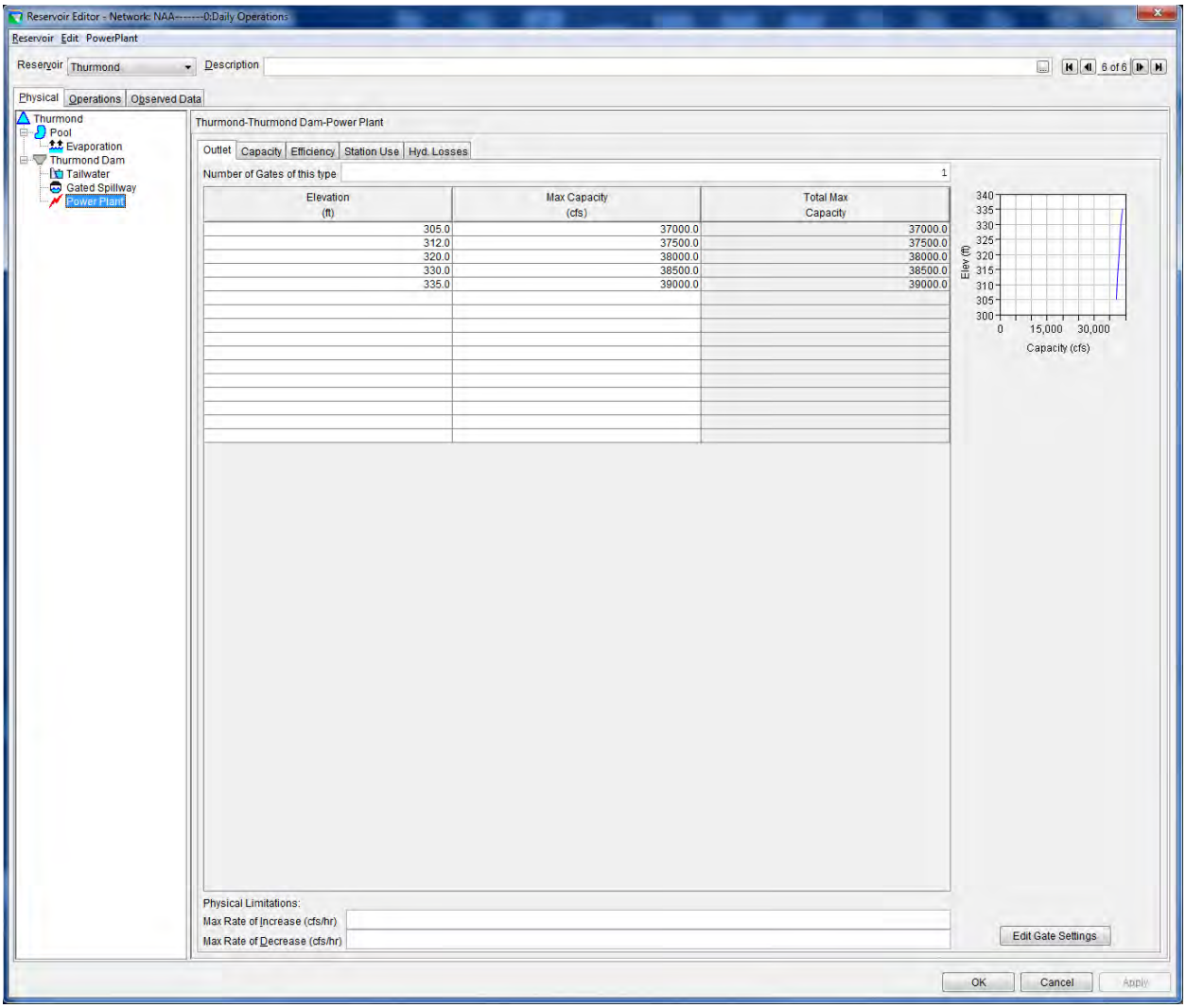
Annex B - Screen 13 (Thurmond Gate Capacity Curve)



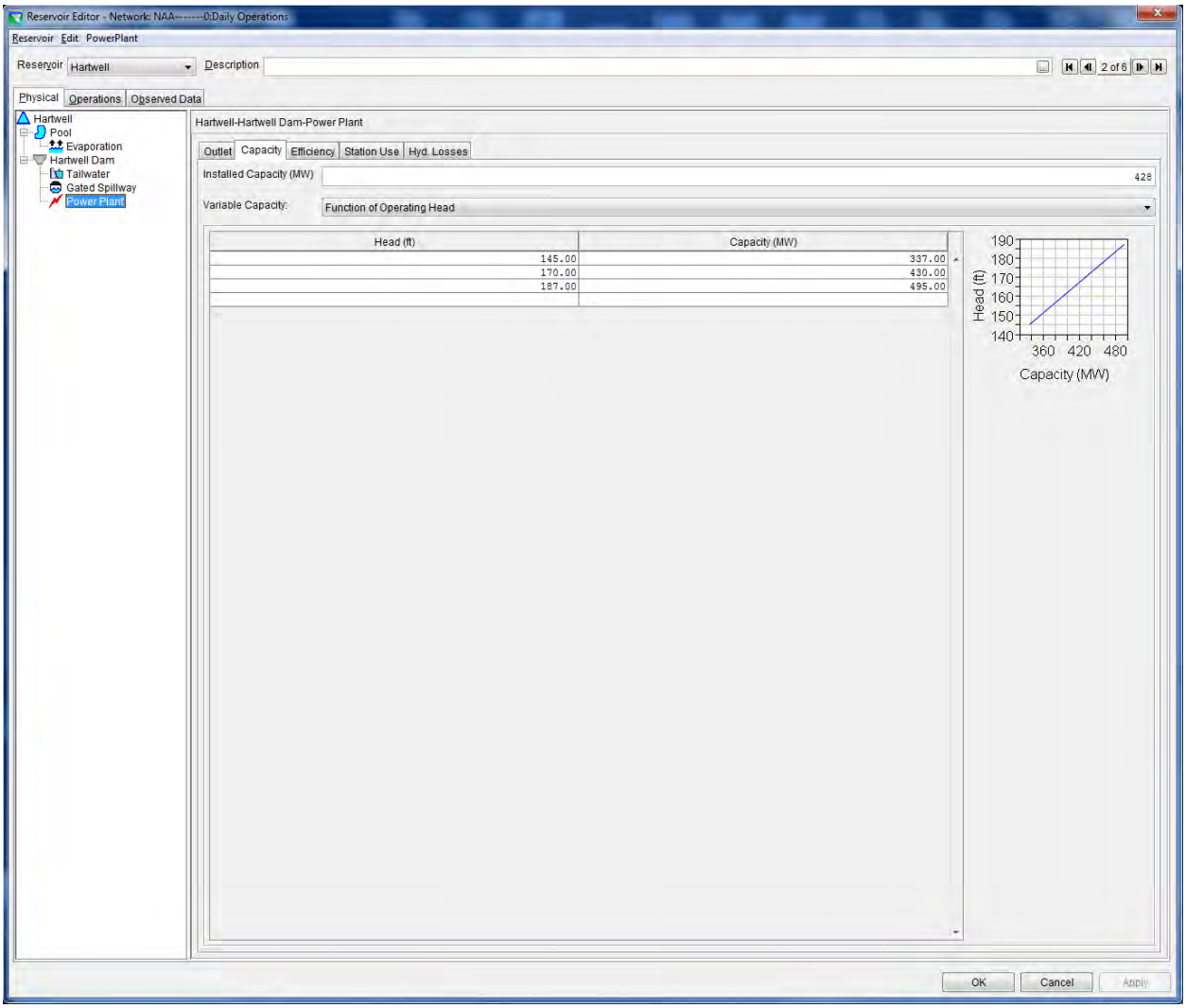
Annex B - Screen 14 (Hartwell Power Plant Outflow Capacity)



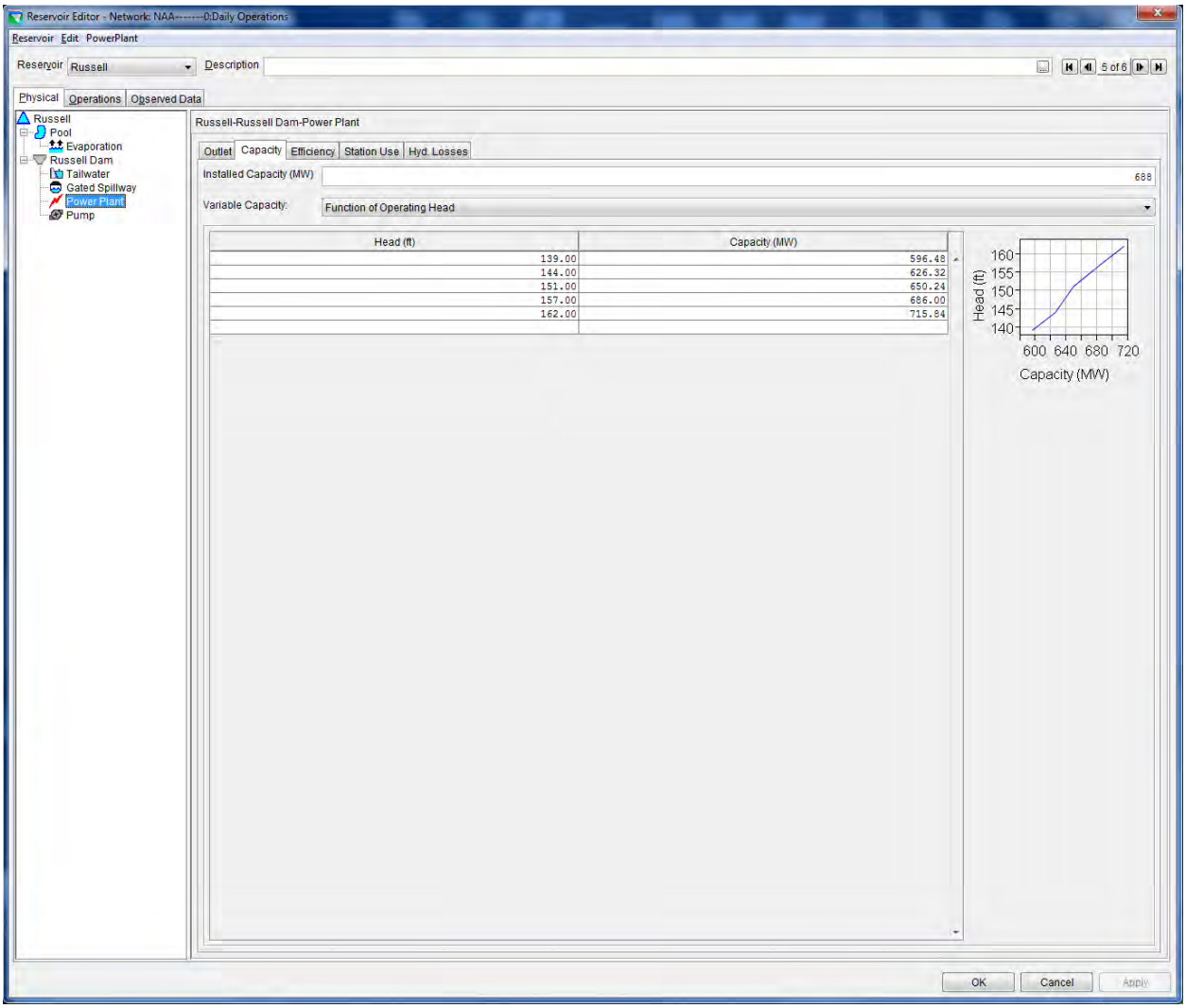
Annex B - Screen 15 (Russell Power Plant Outflow Capacity)



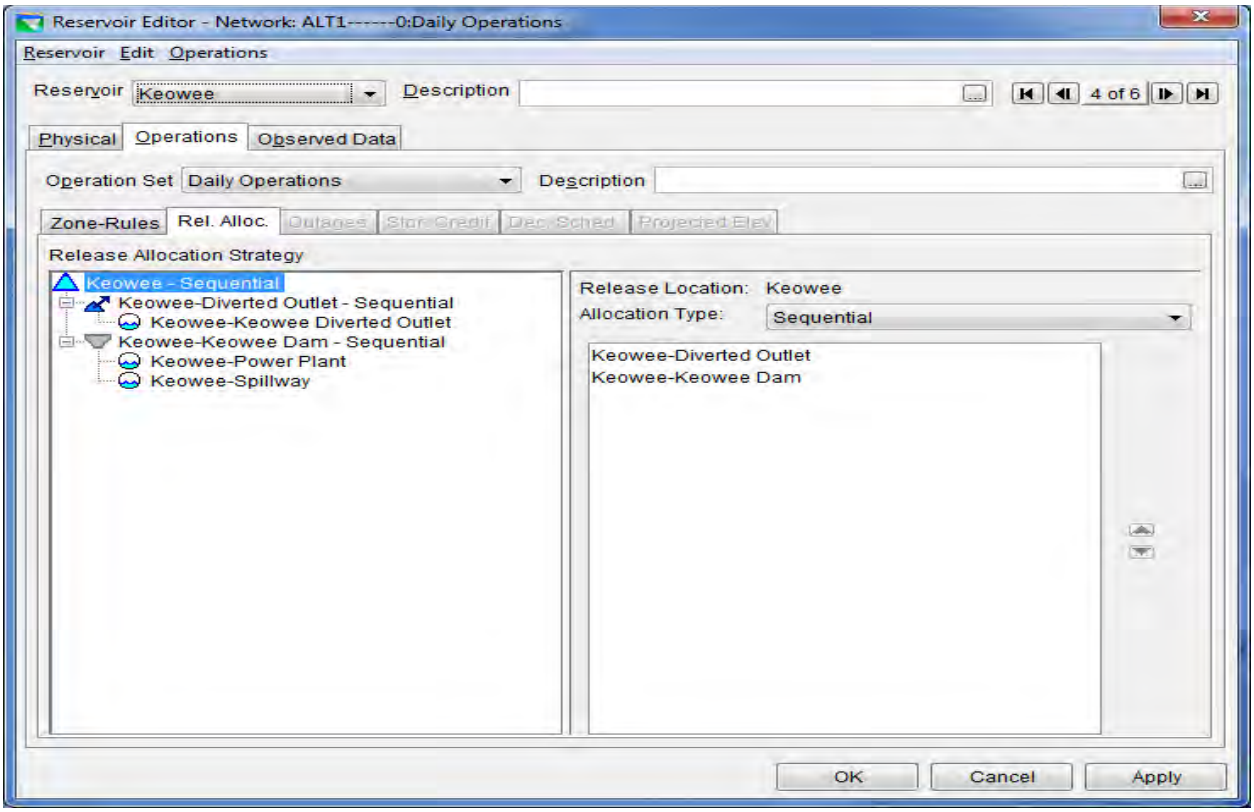
Annex B - Screen 16 (Thurmond Power Plant Outflow Capacity)



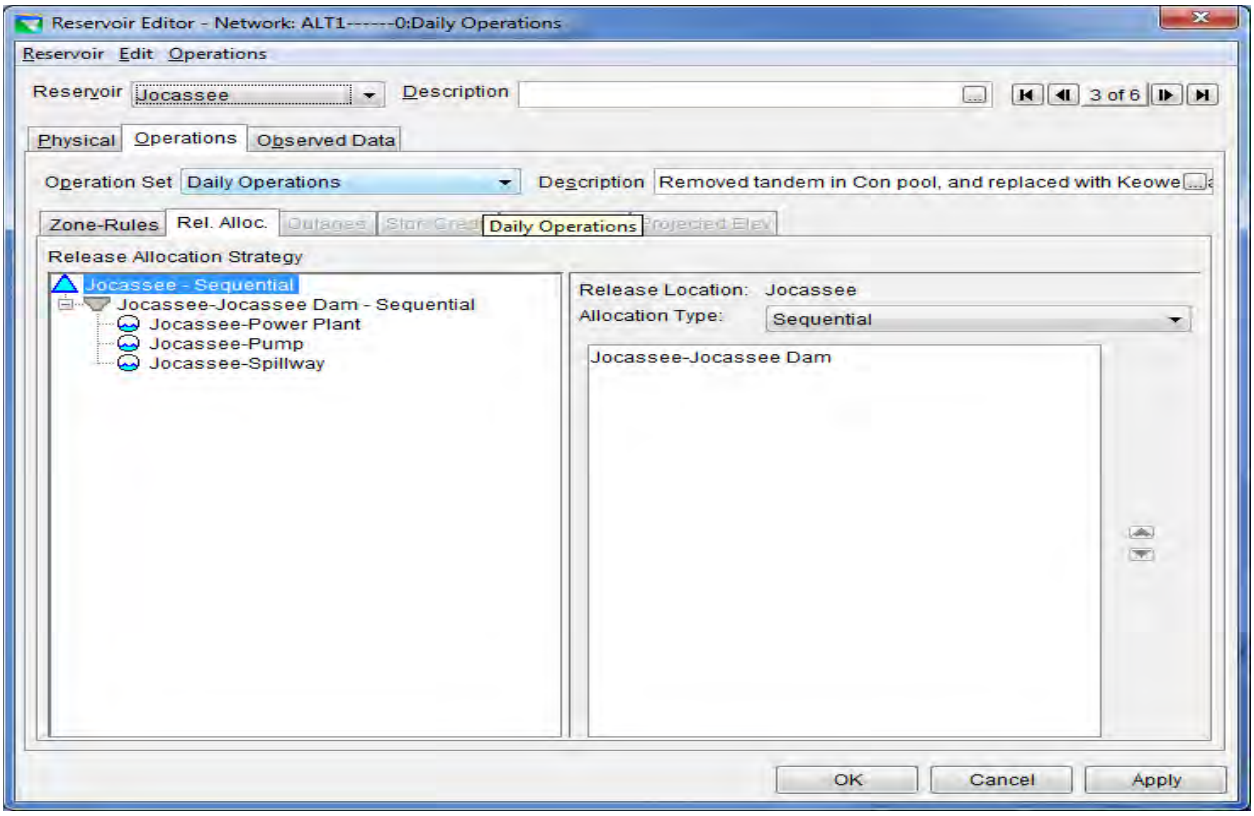
Annex B - Screen 17 (Hartwell Power Plant Generation Capacity)



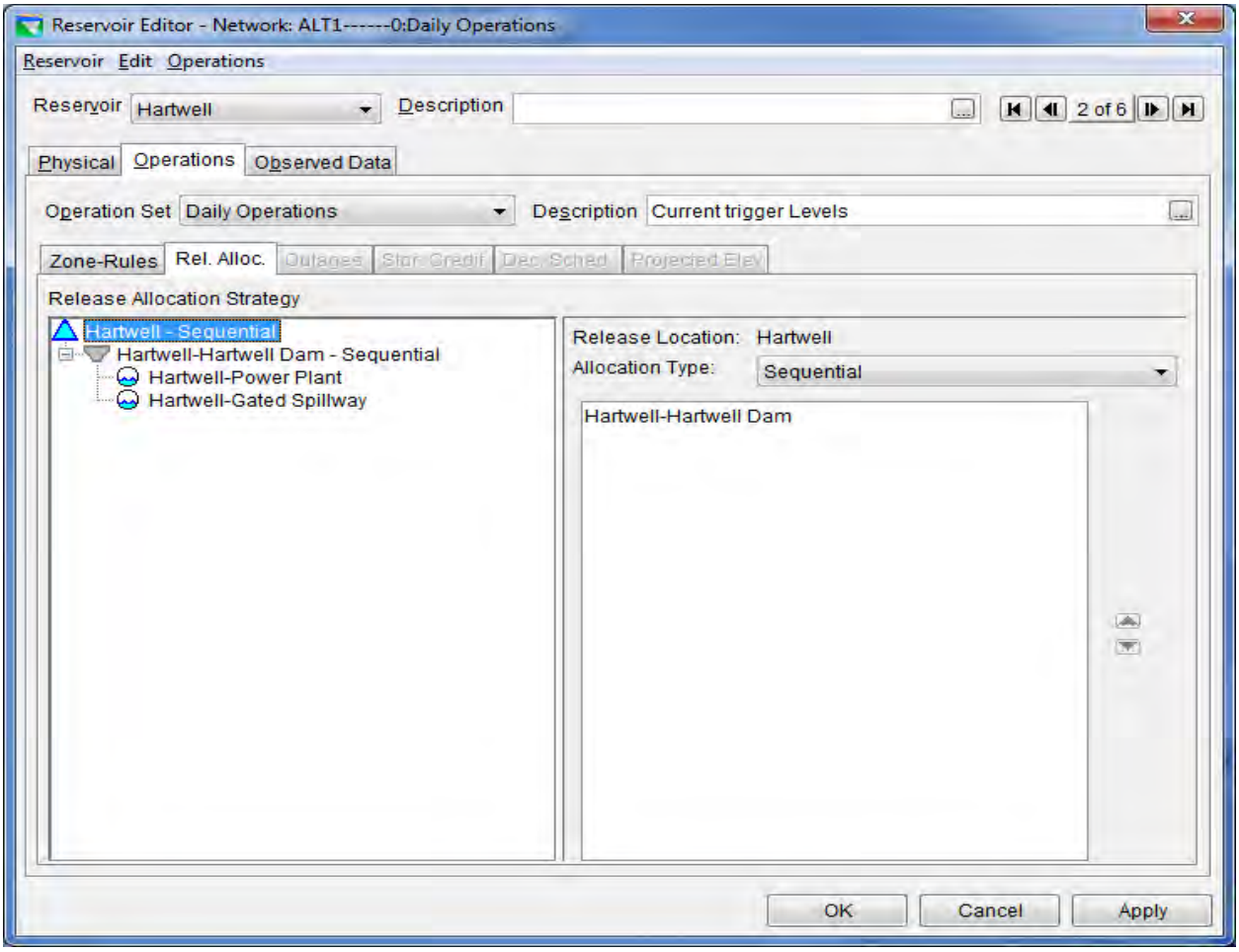
Annex B - Screen 18 (Russell Power Plant Generation Capacity)



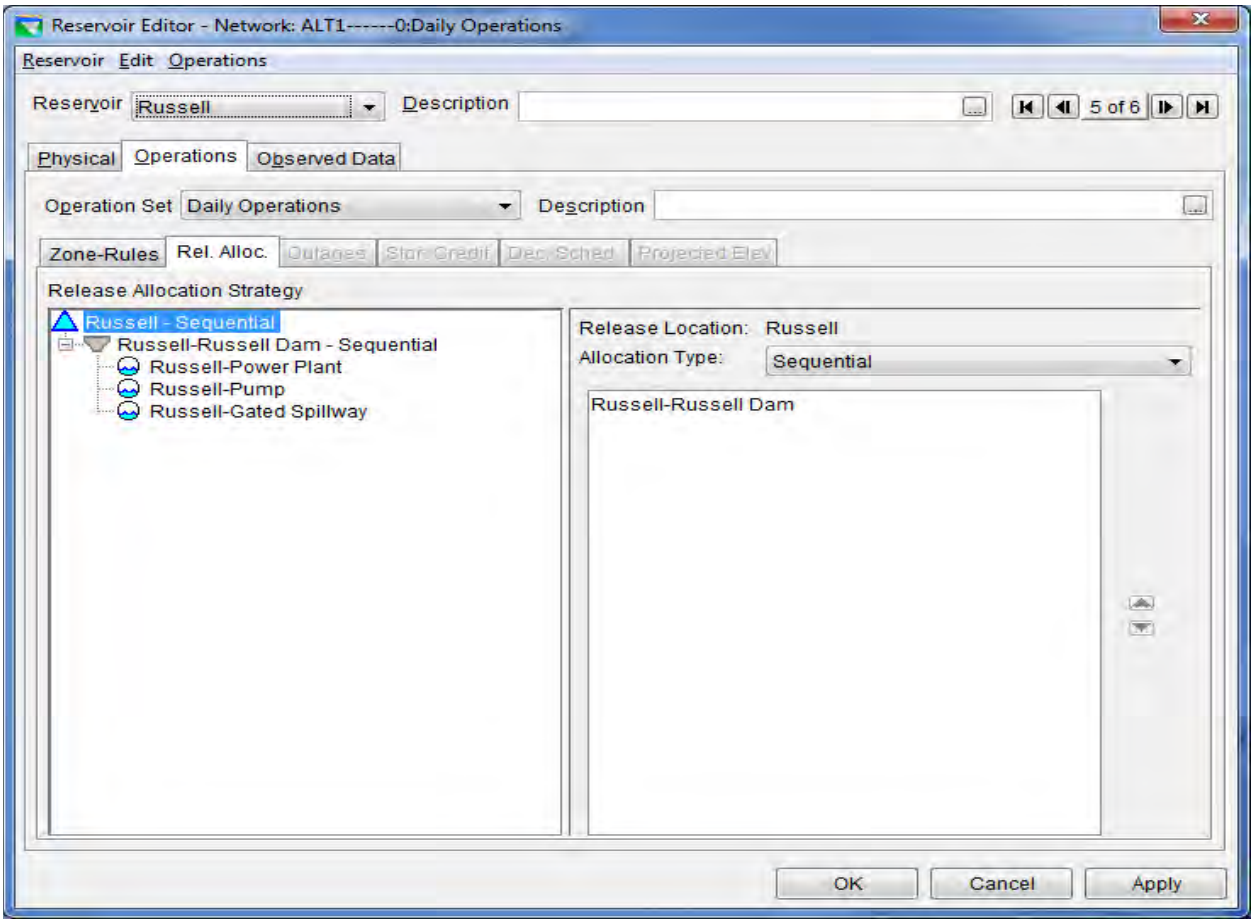
Annex B - Screen 19 (Keowee Release Allocation)



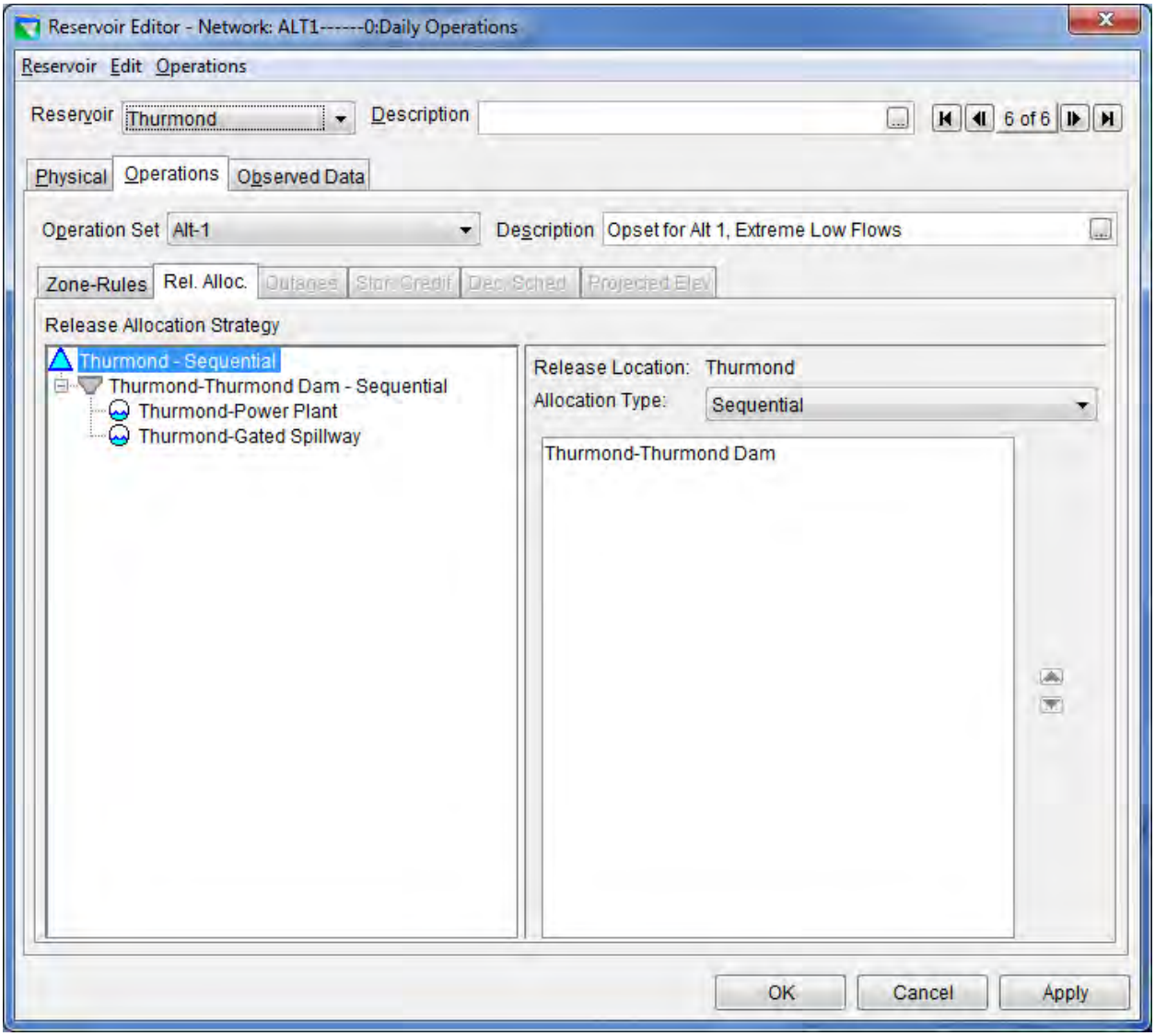
Annex B - Screen 20 (Jocassee Release Allocation)



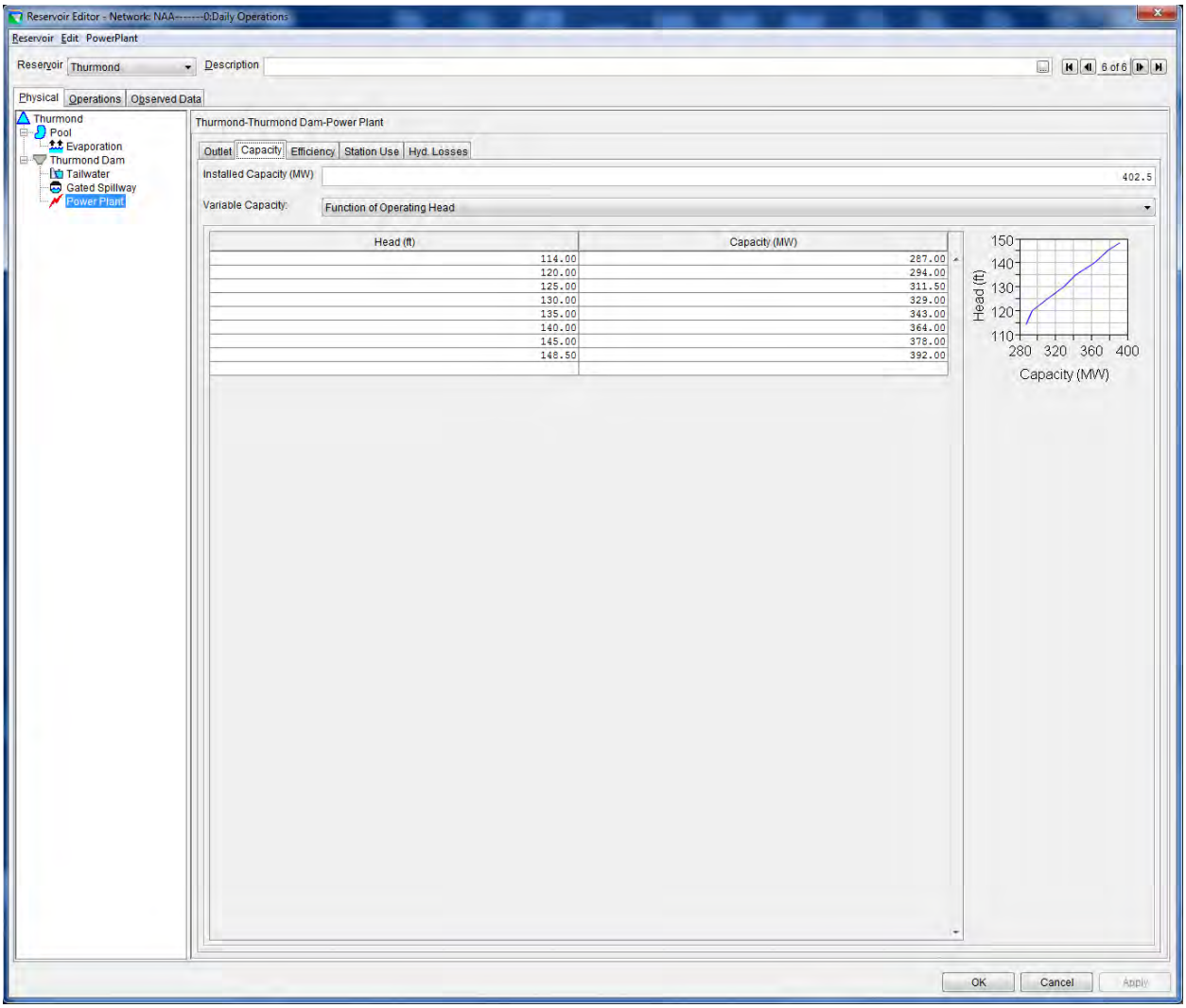
Annex B - Screen 21 (Hartwell Release Allocation)



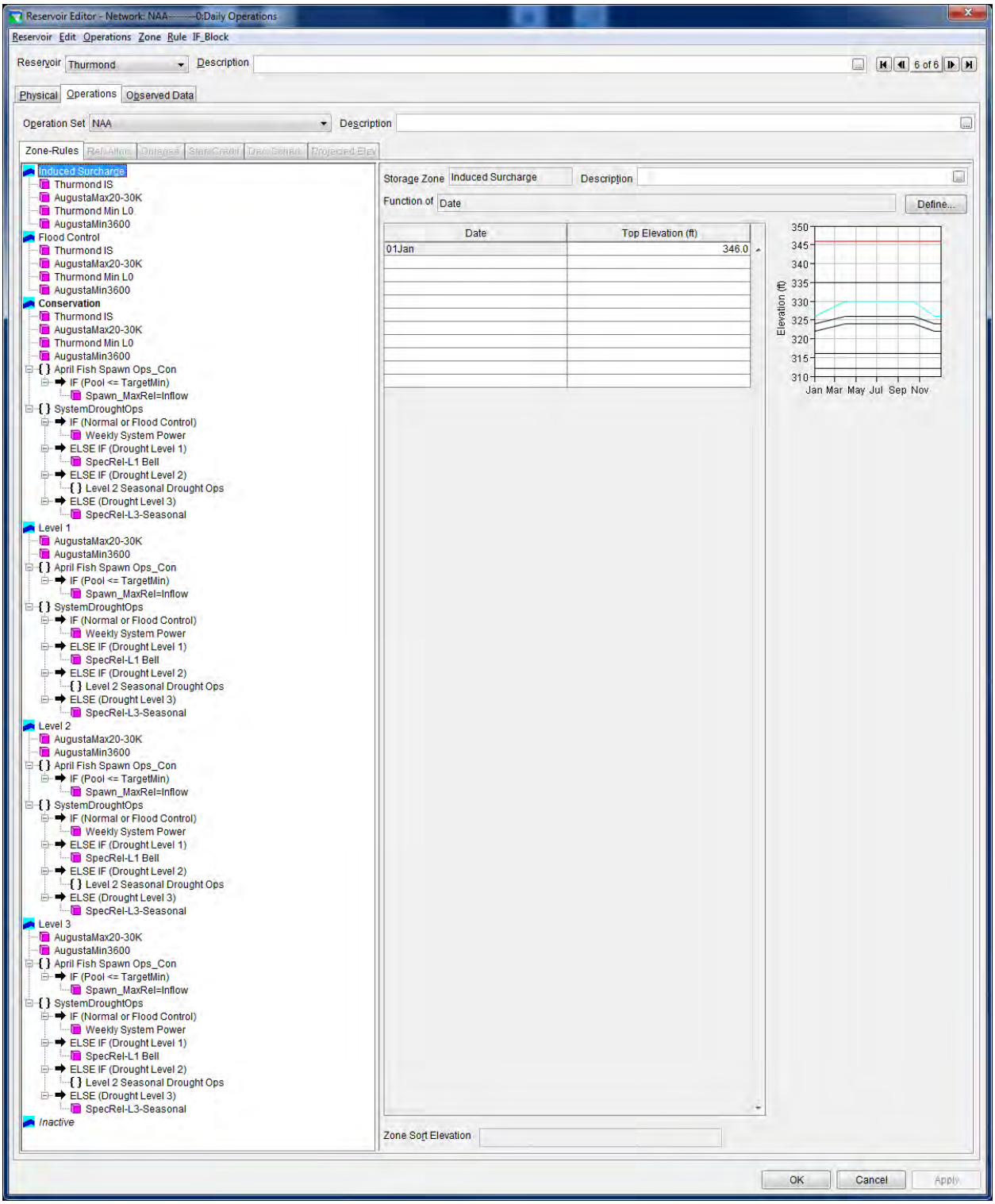
Annex B - Screen 22 (Russell Release Allocation)



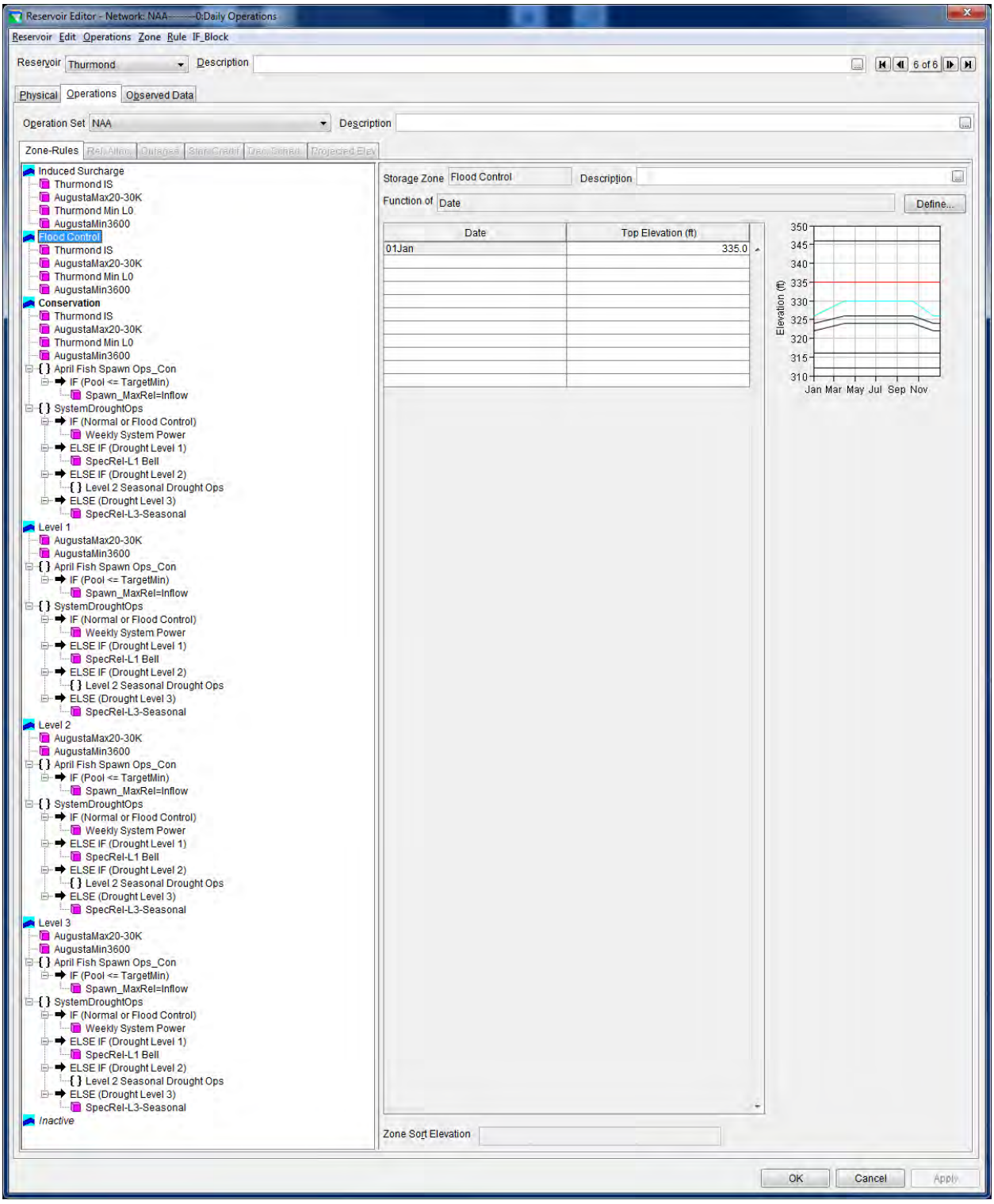
Annex B - Screen 23 (Thurmond Release Allocation)



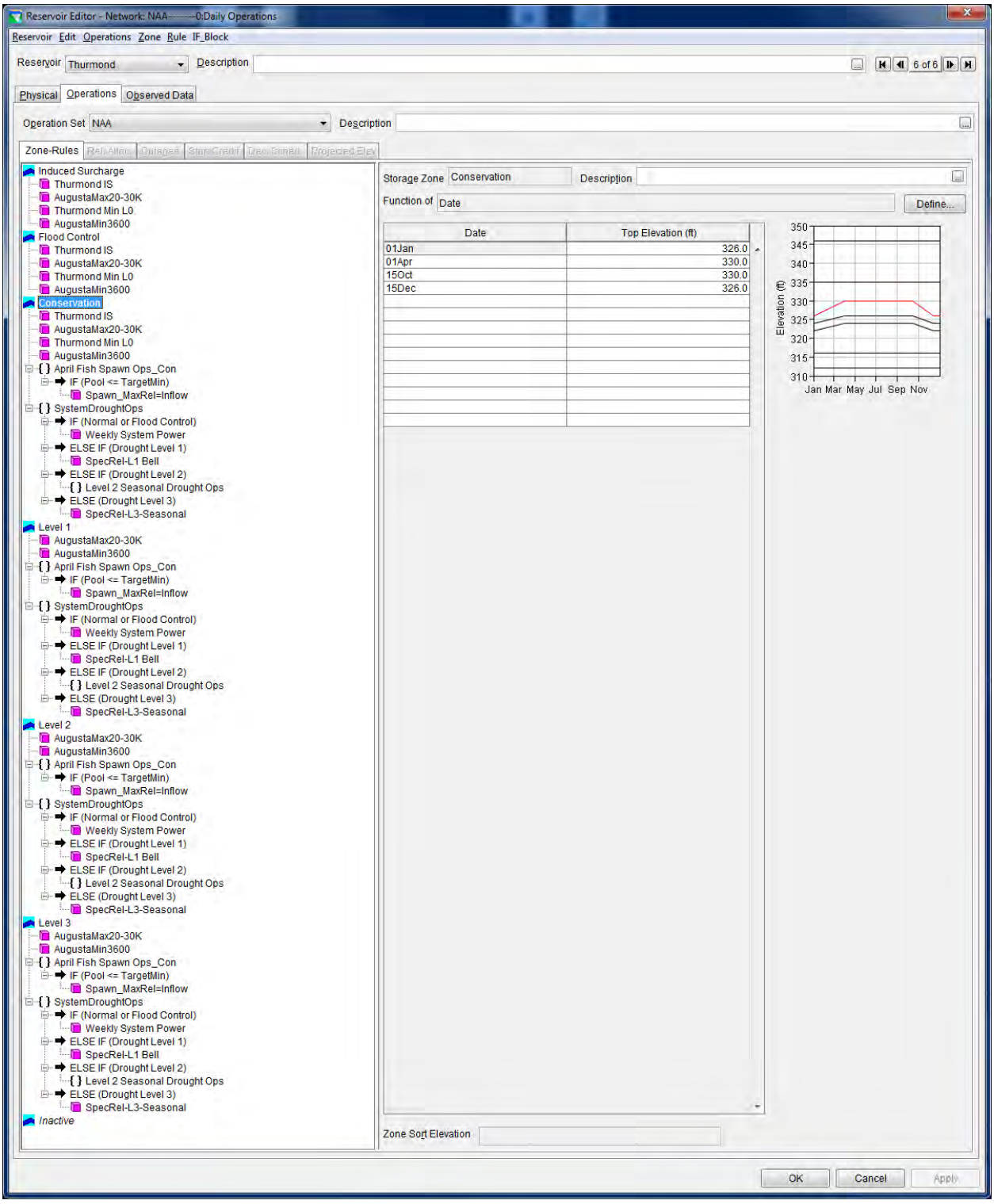
Annex B - Screen 24 (Thurmond Power Plant Generation Capacity)



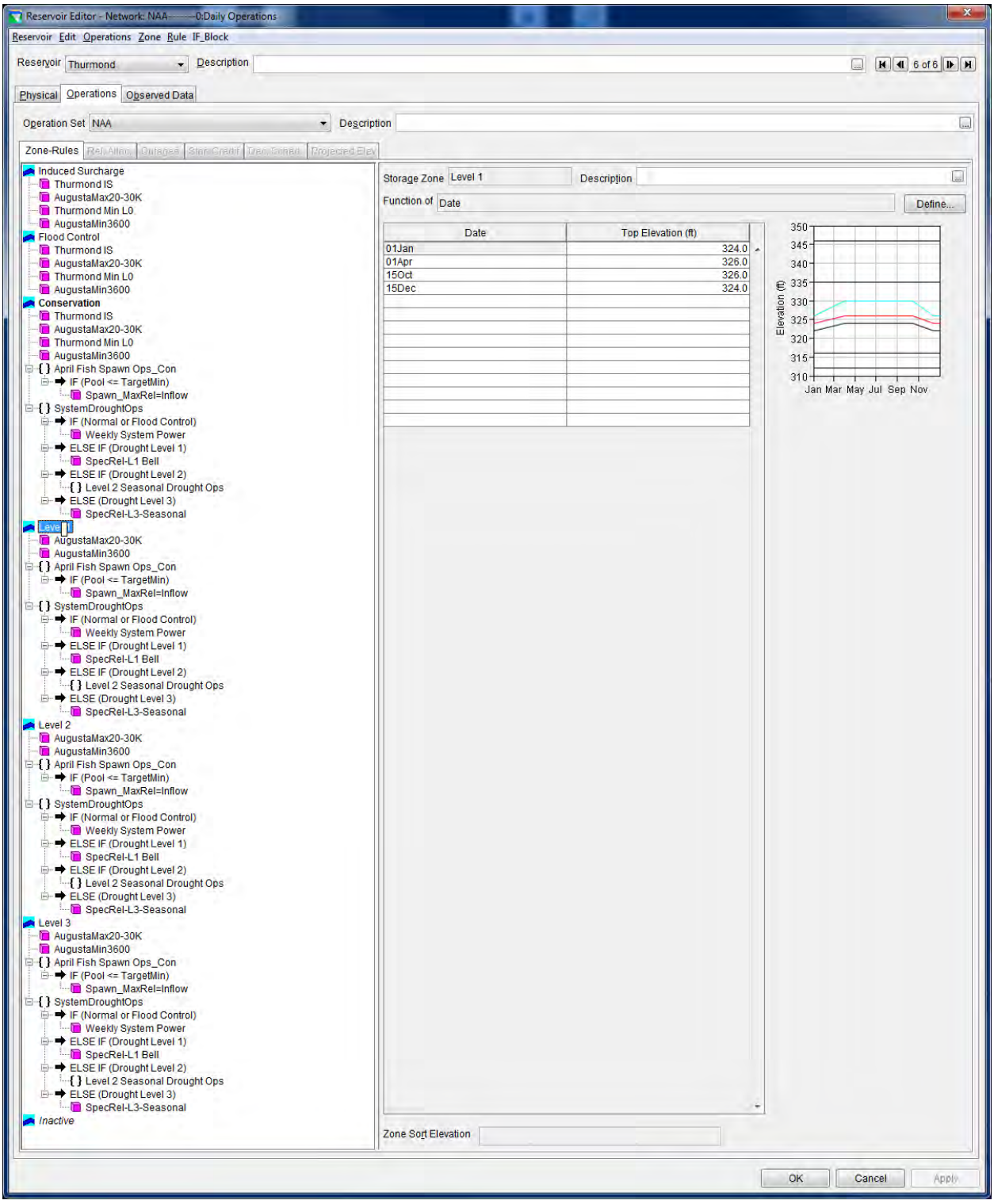
Annex B - Screen 25 (NAA, Thurmond Induced Surcharge Pool Rule Stack)



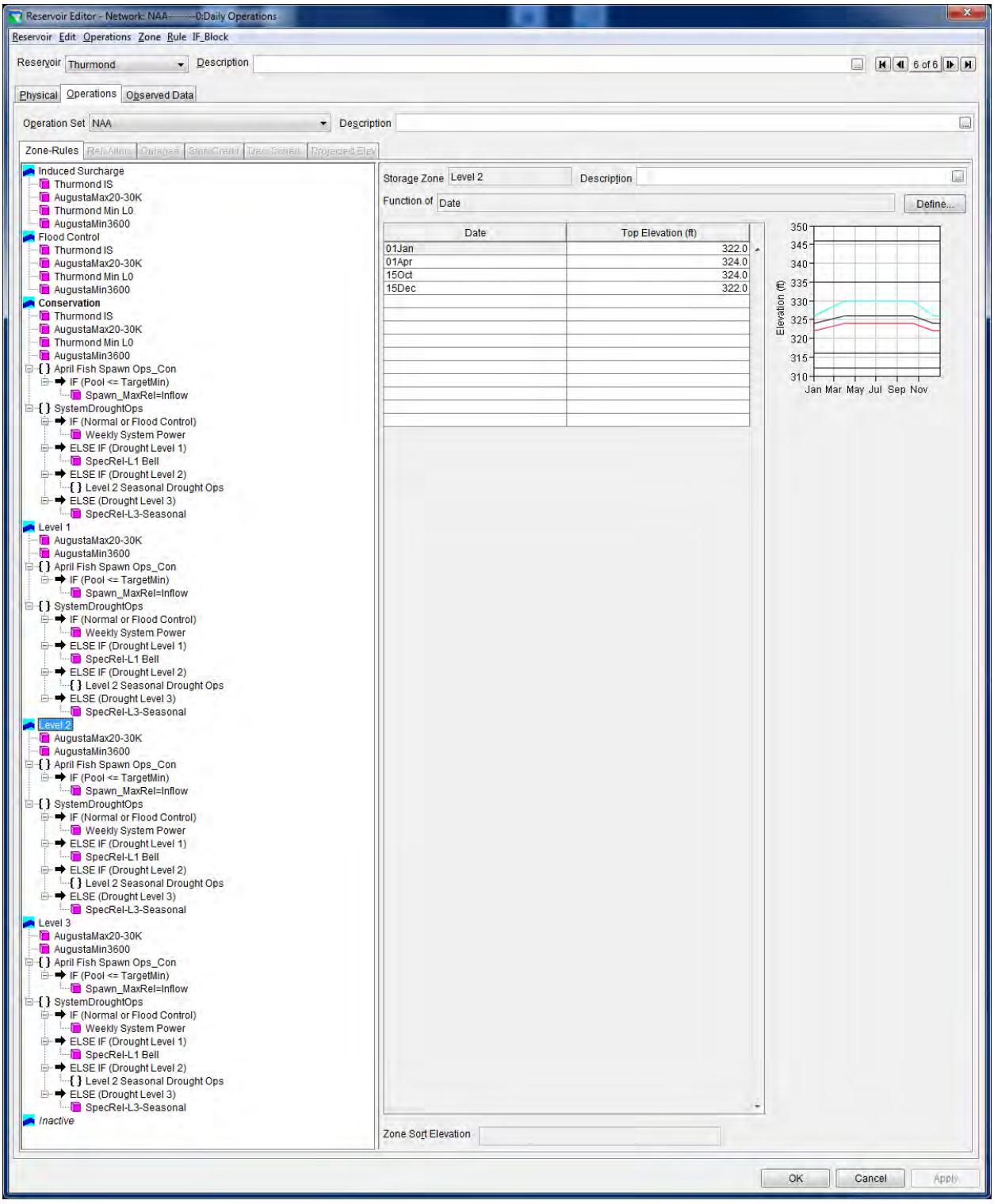
Annex B - Screen 26 (NAA, Thurmond Flood Pool Rule Stack)



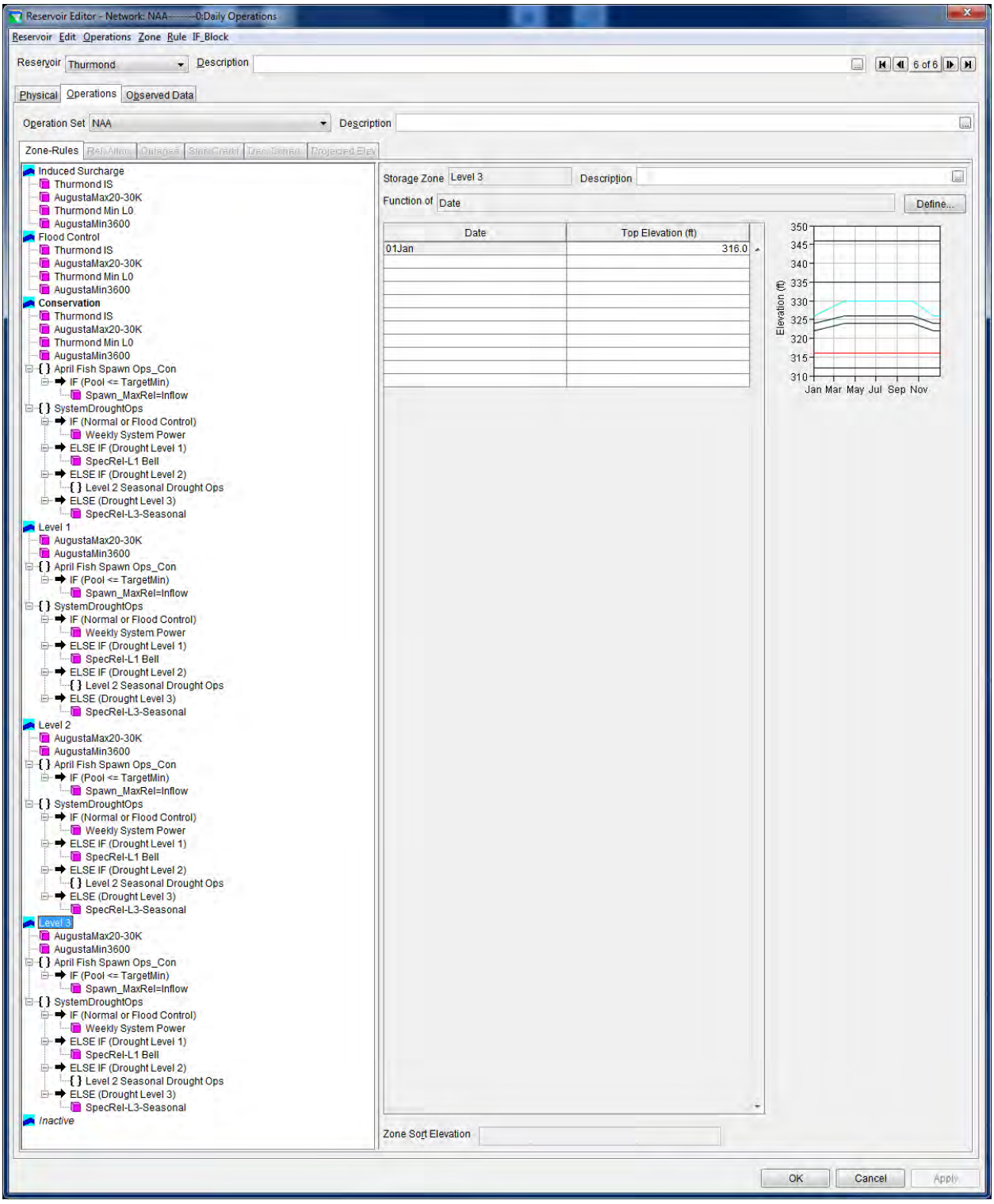
Annex B - Screen 27 (NAA, Thurmond Conservation Pool Rule Stack)



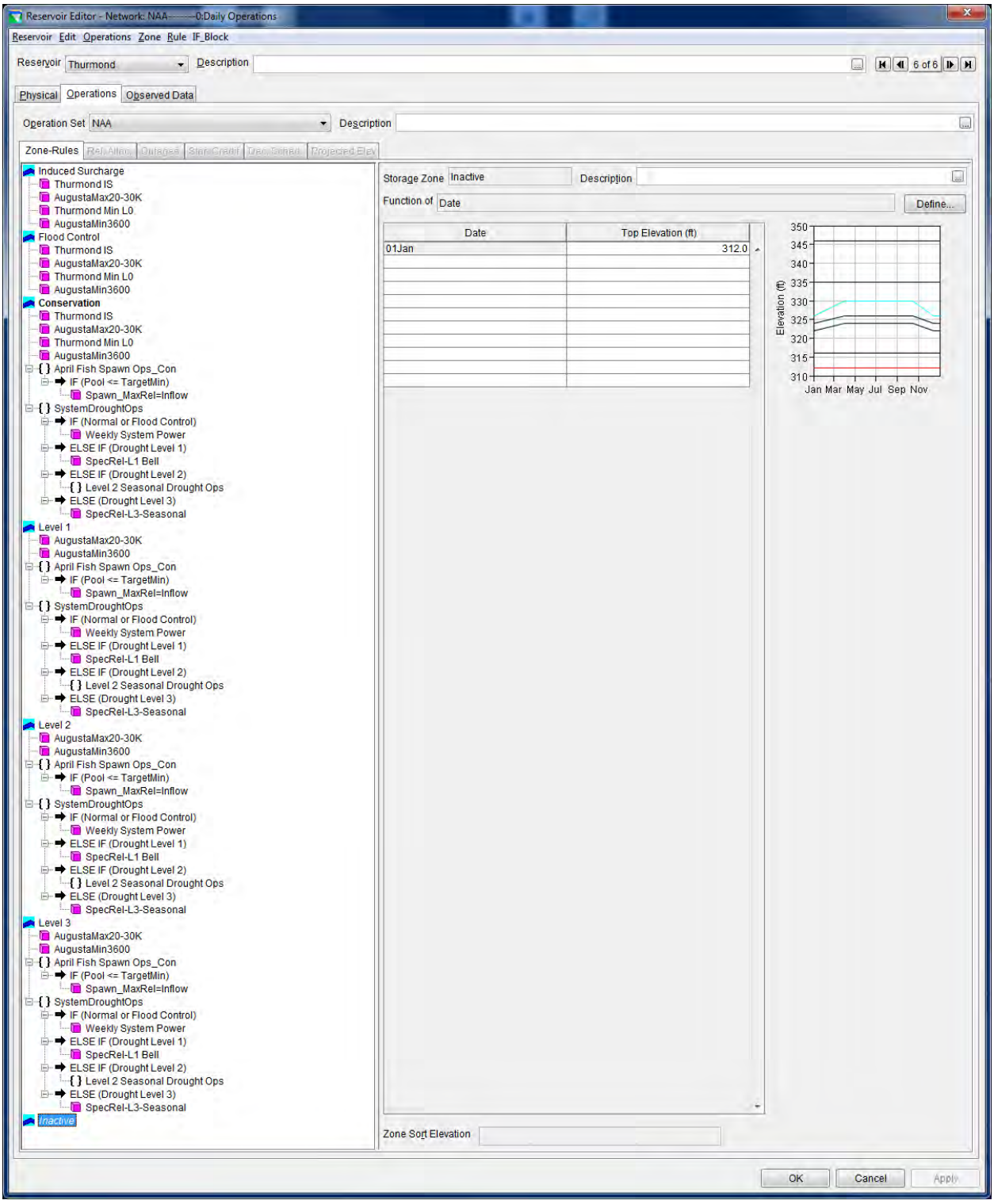
Annex B - Screen 28 (NAA, Thurmond Trigger Level 1 Rule Stack)



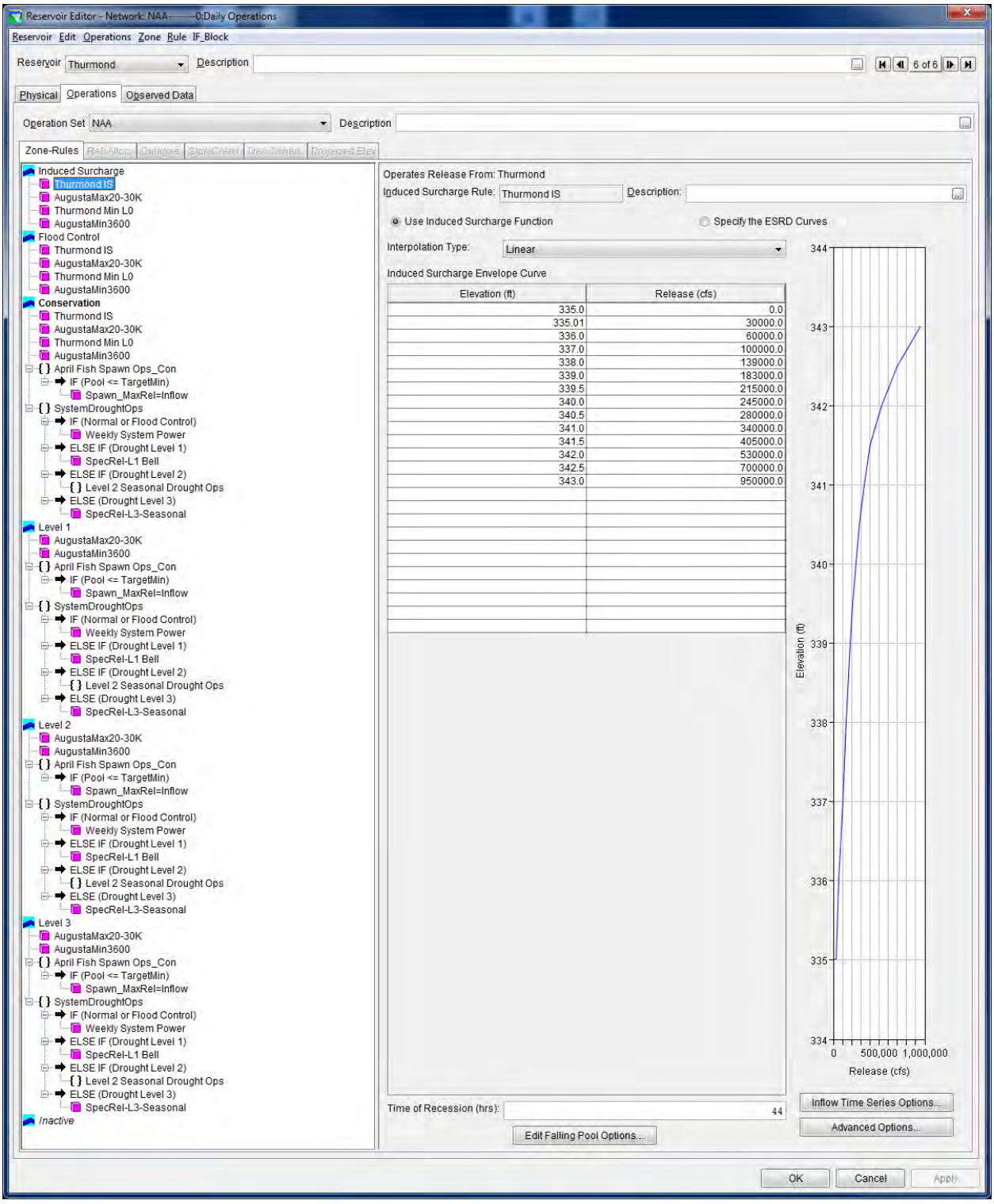
Annex B - Screen 29 (NAA, Thurmond Trigger Level 2 Rule Stack)



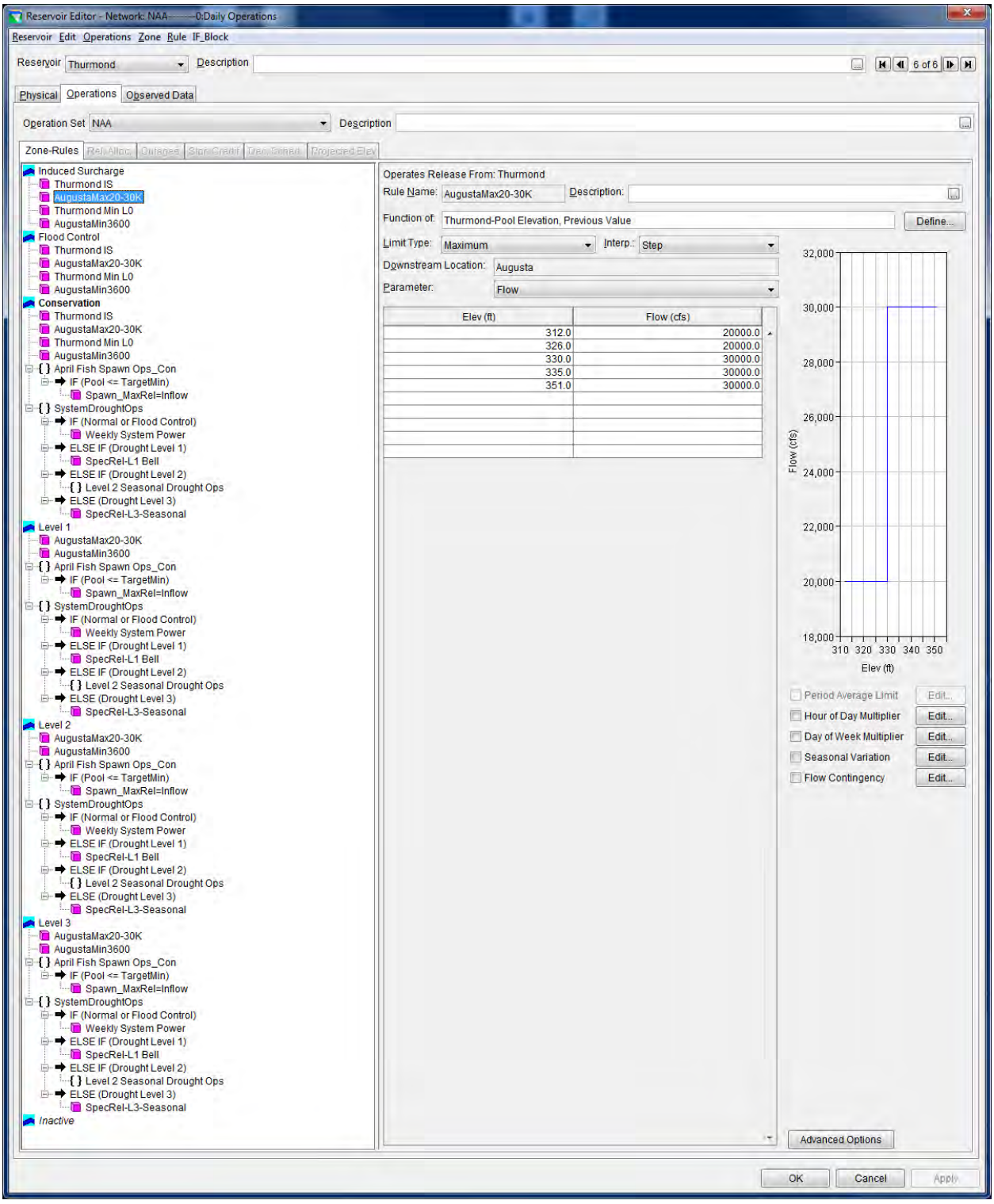
Annex B - Screen 30 (NAA, Thurmond Trigger Level 3 Rule Stack)



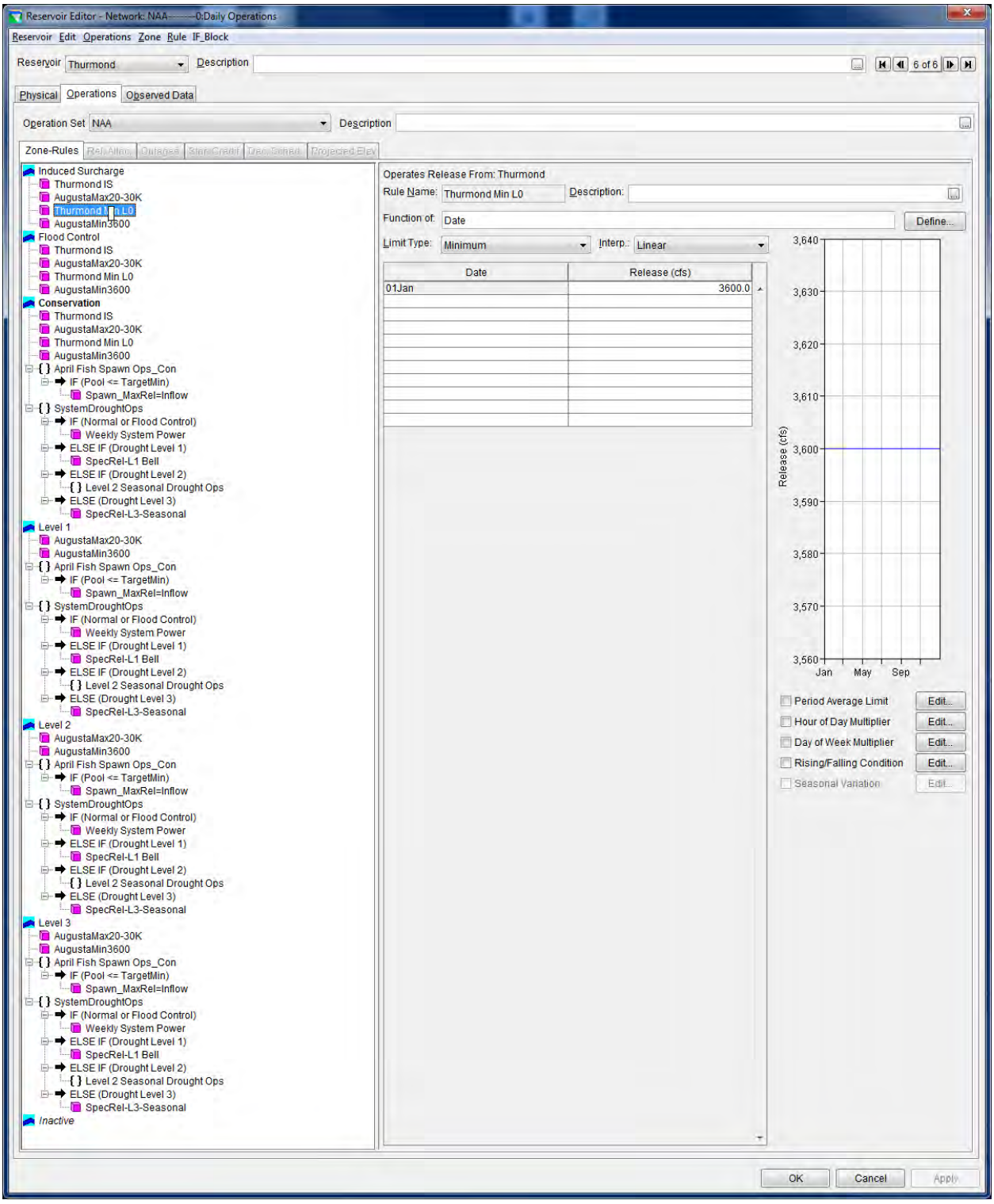
Annex B - Screen 31 (NAA, Thurmond Inactive Pool Definition)



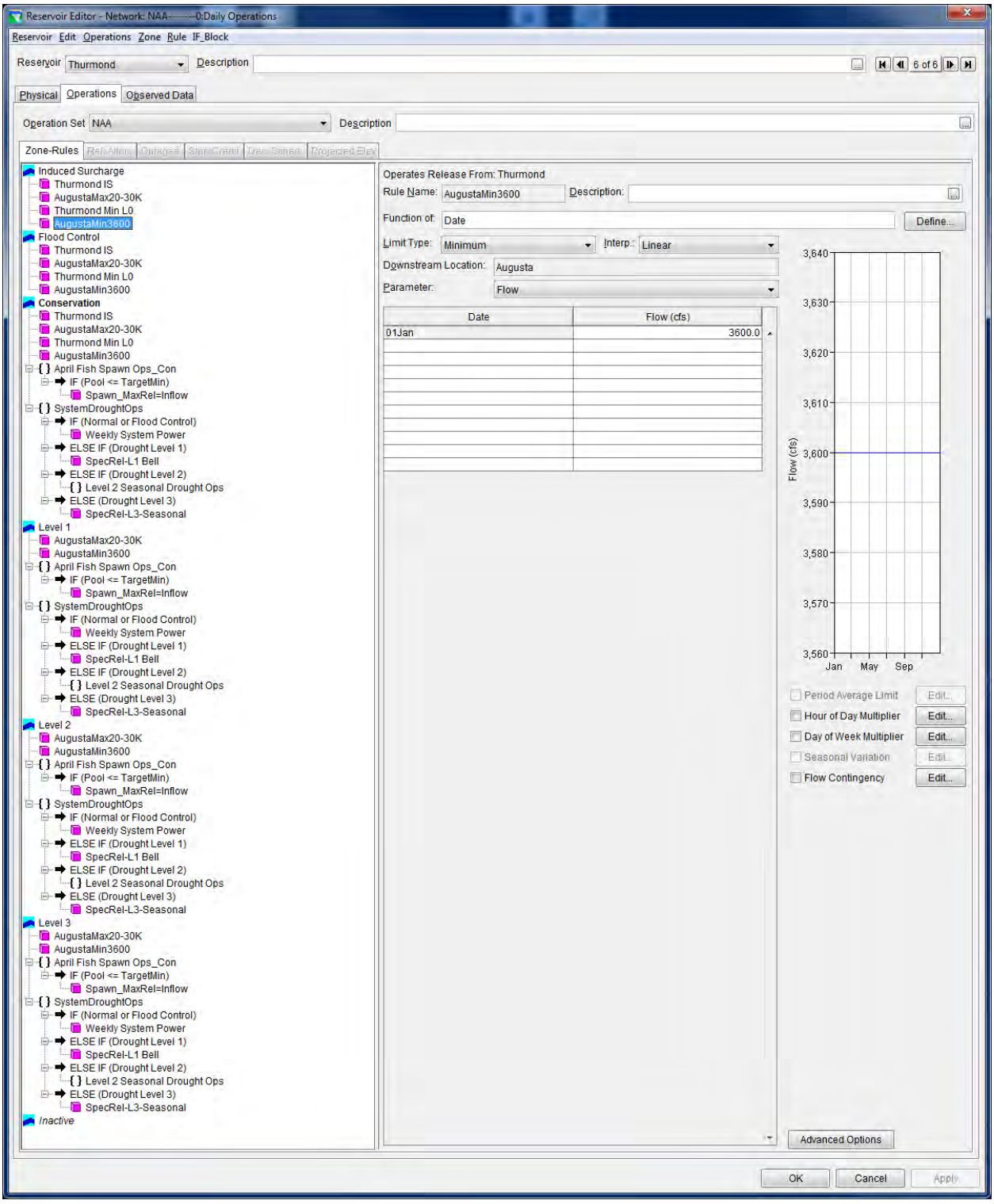
Annex B - Screen 32 (NAA, Thurmond Induced Surcharge Envelope Definition)



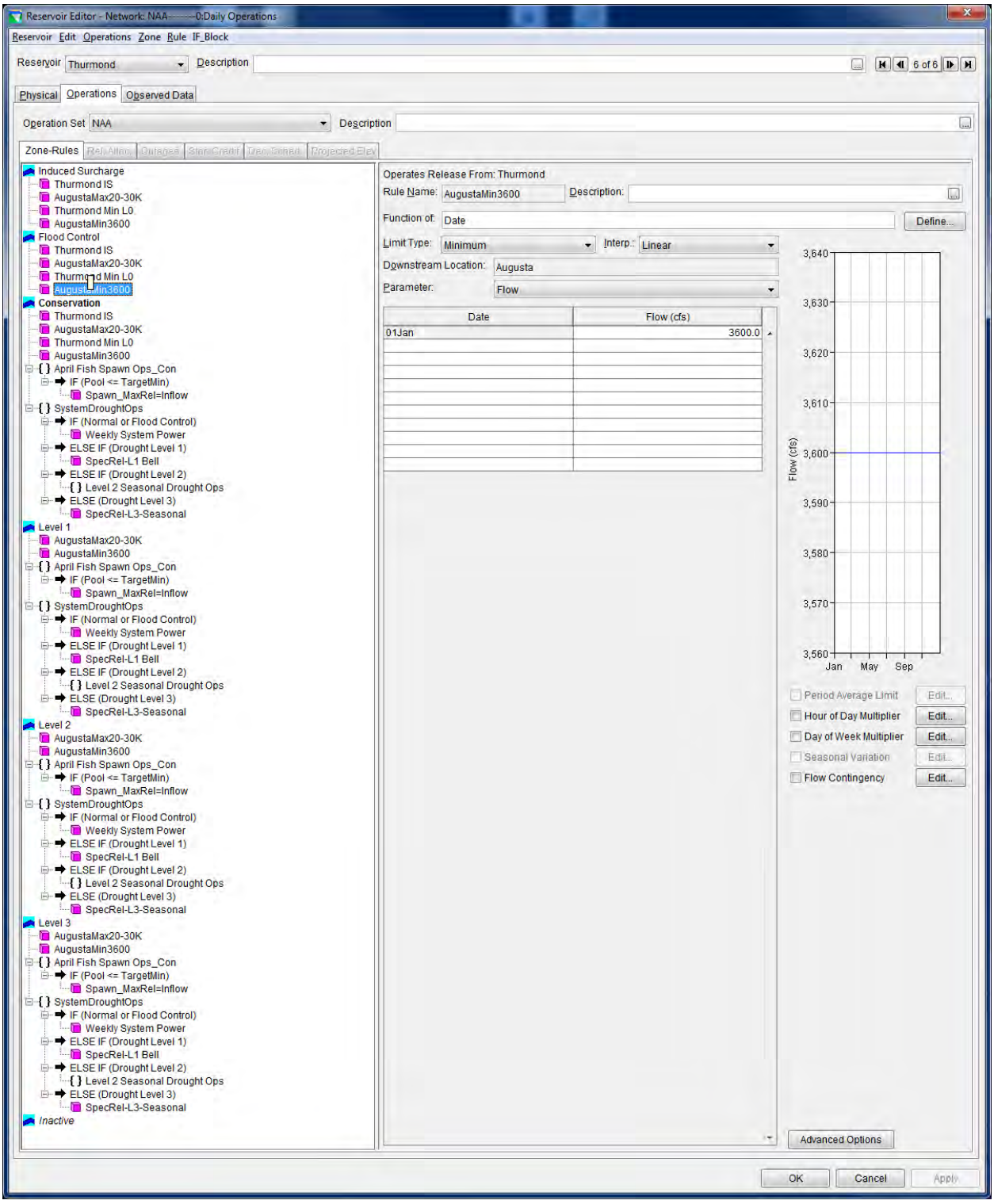
Annex B - Screen 33 (NAA, Thurmond IS Pool, Augusta Max Rule)



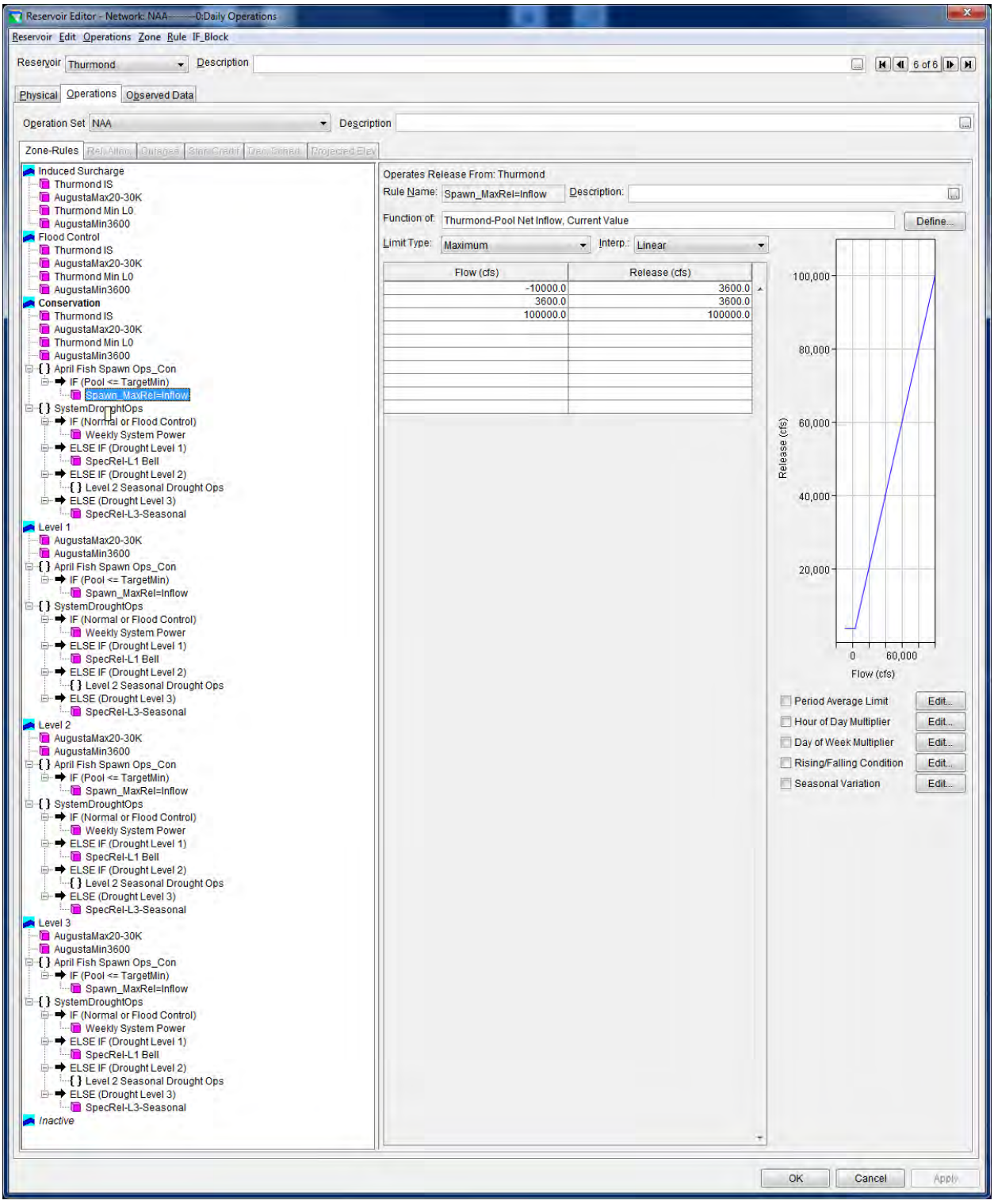
Annex B - Screen 34 (NAA, Thurmond IS Pool, Thurmond Min 3600 cfs Rule)



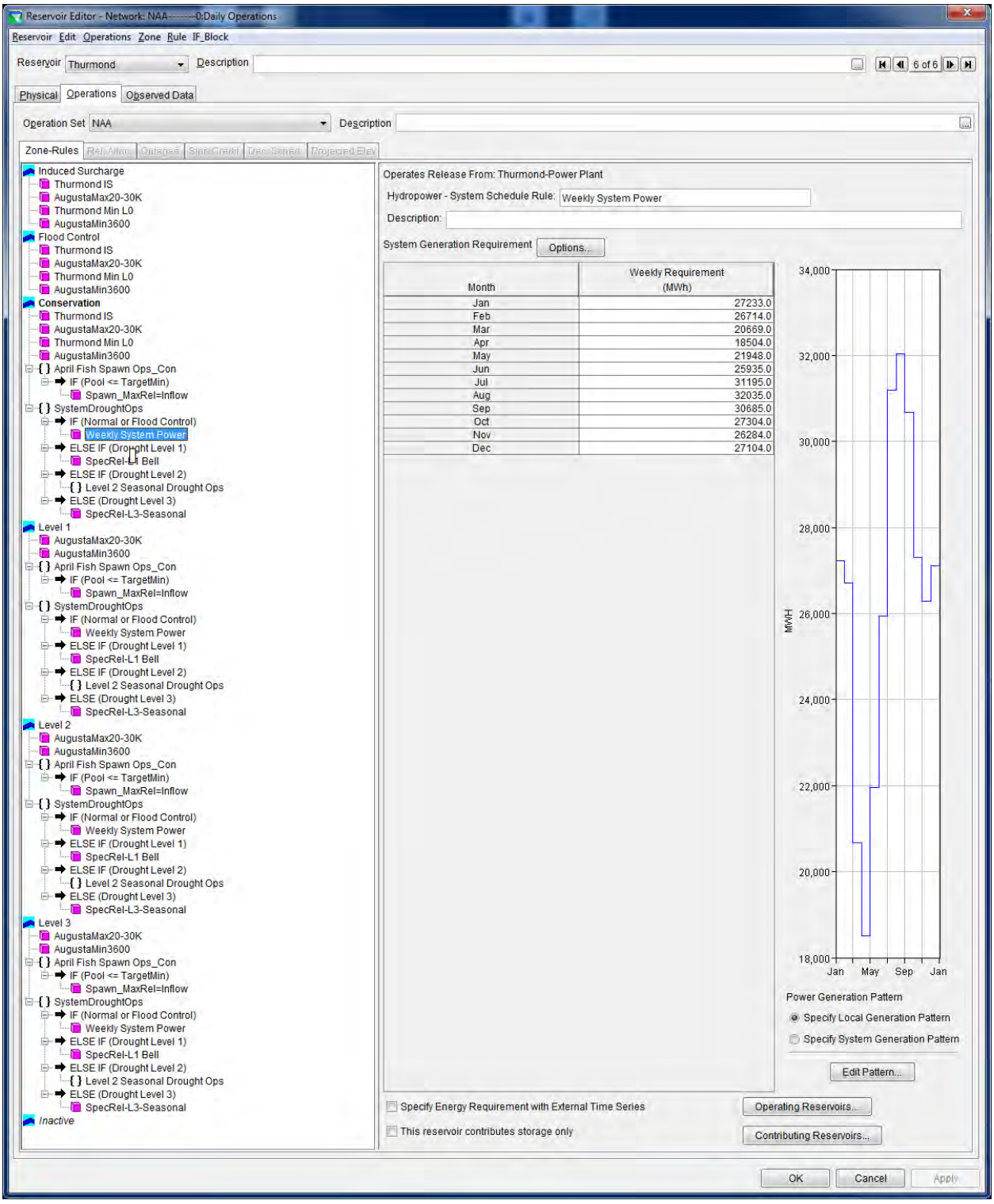
Annex B - Screen 35 (NAA, Thurmond IS Pool, Augusta Min 3600 cfs Rule)



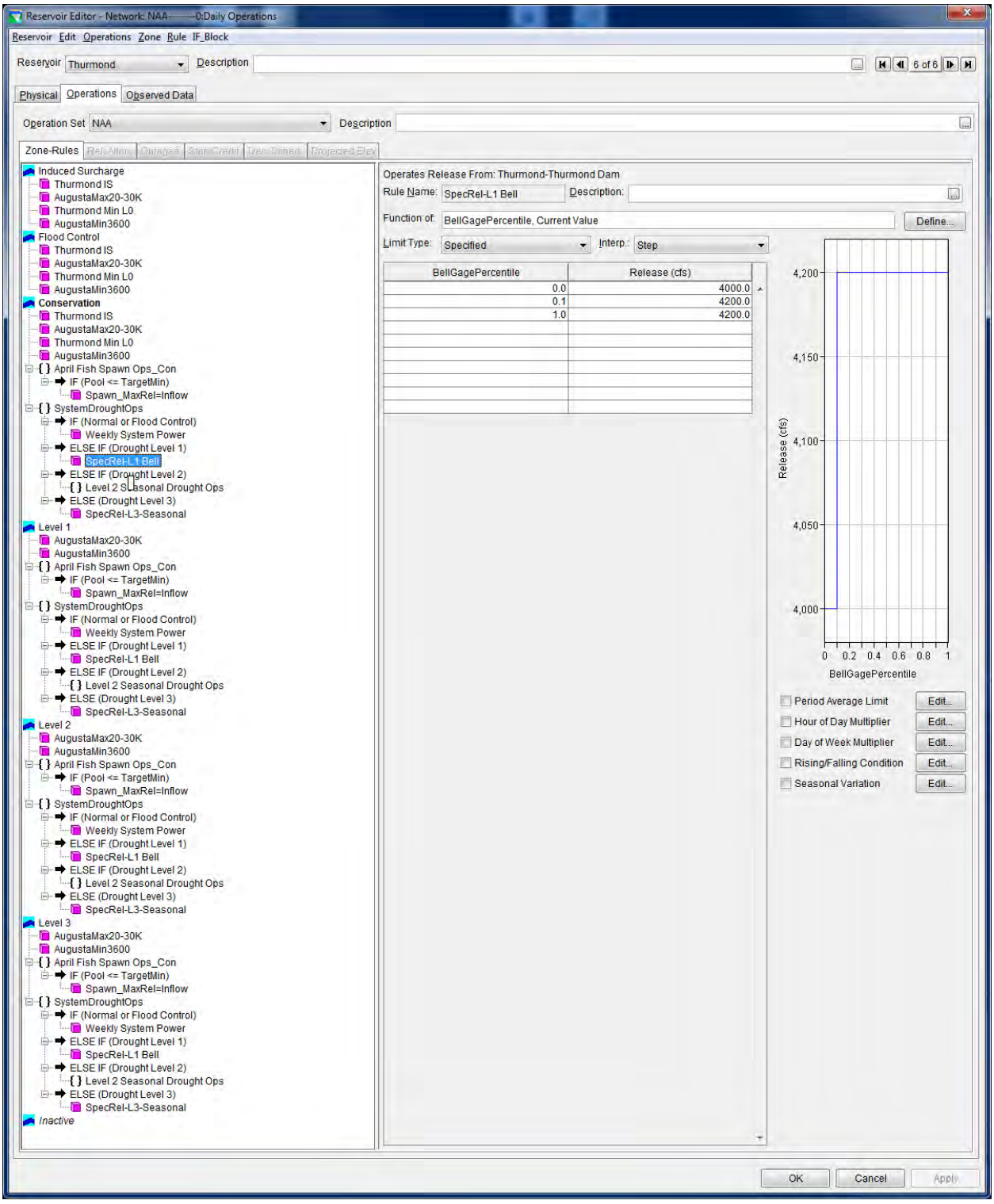
Annex B - Screen 36 (NAA, Thurmond Flood Pool, Augusta Min 3600 cfs Rule)



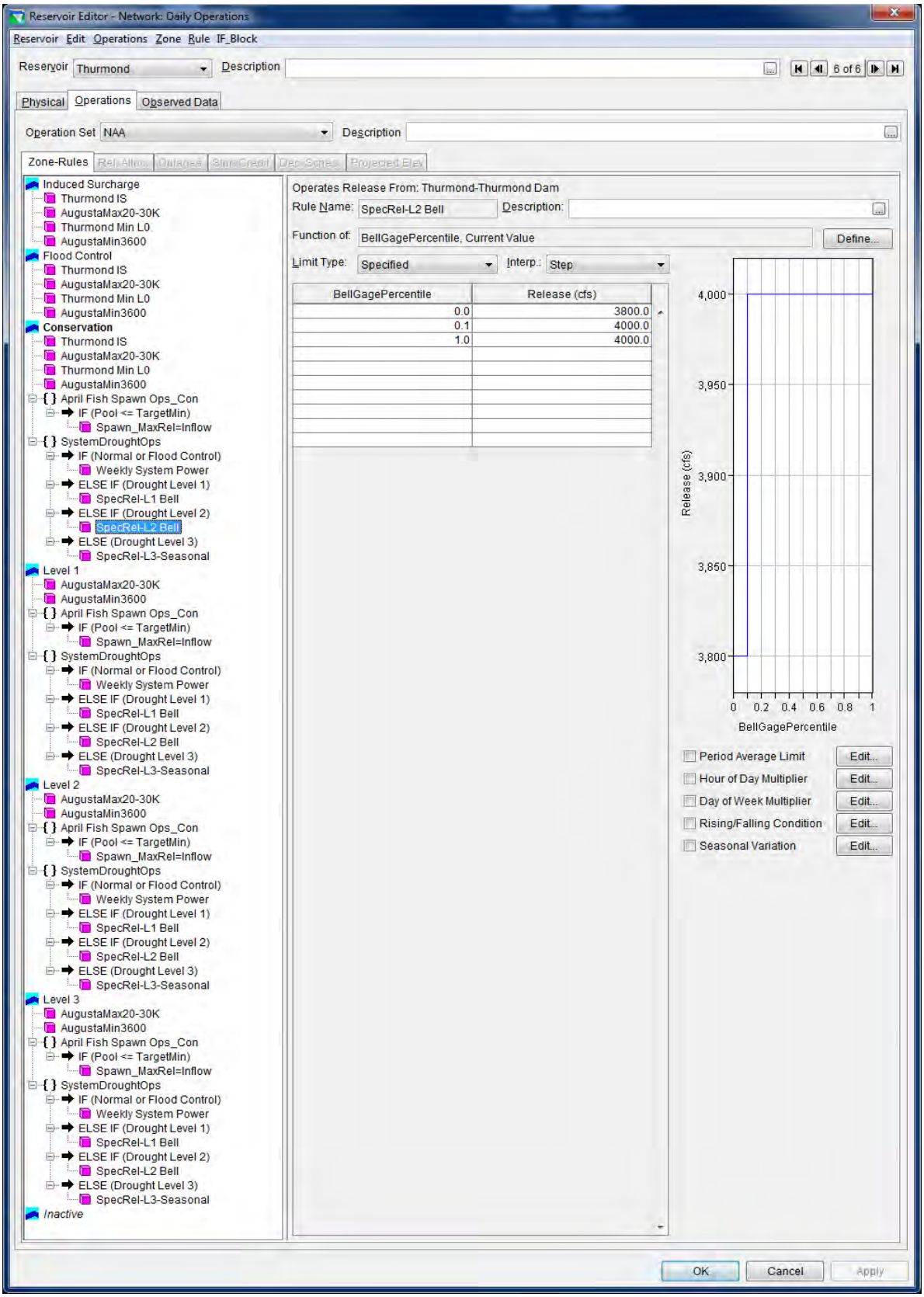
Annex B - Screen 37 (NAA, Thurmond Conservation Pool, Fish Spawn Rule)



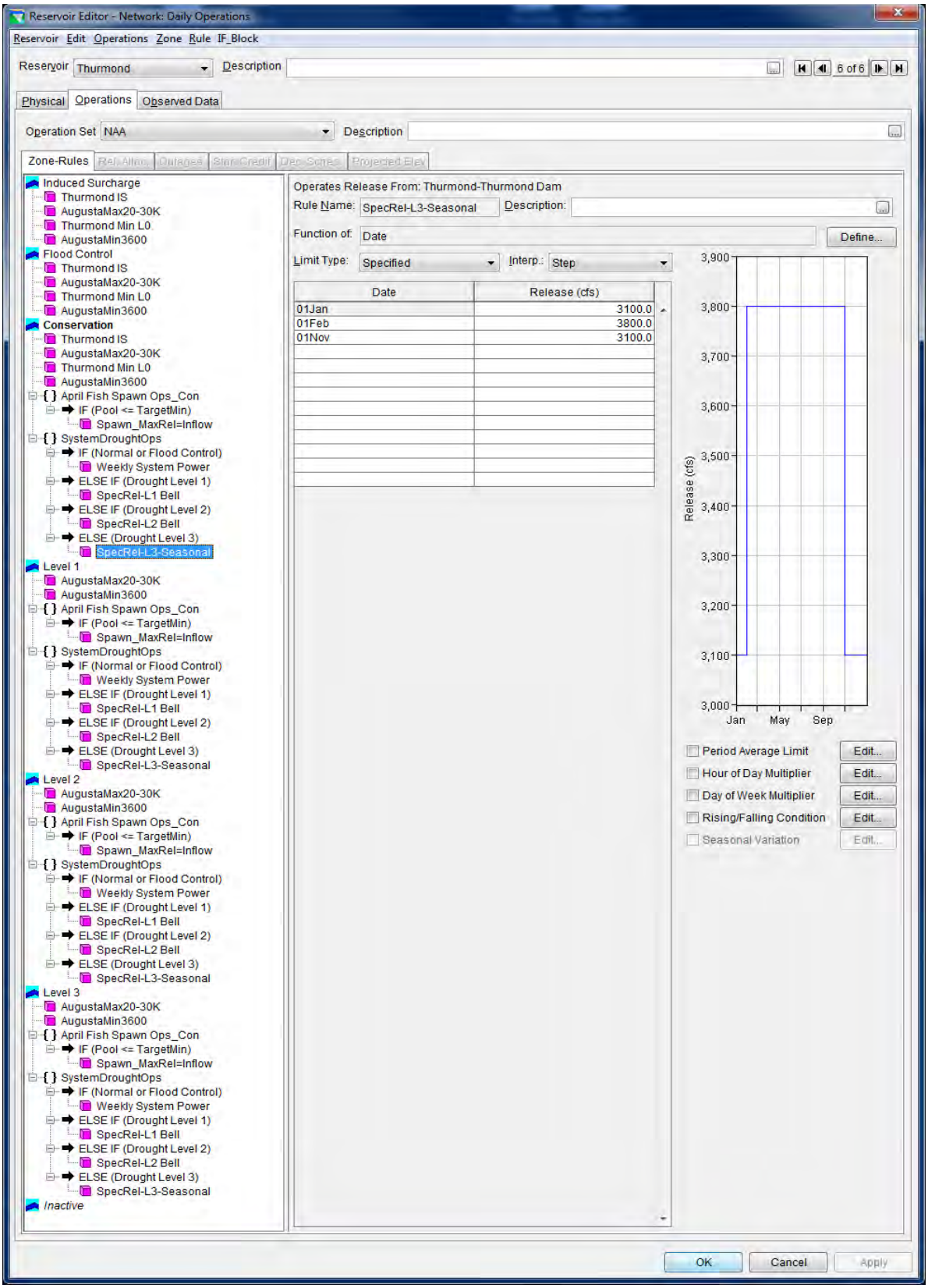
Annex B - Screen 38 (NAA, Thurmond Conservation Pool, System Power Rule)



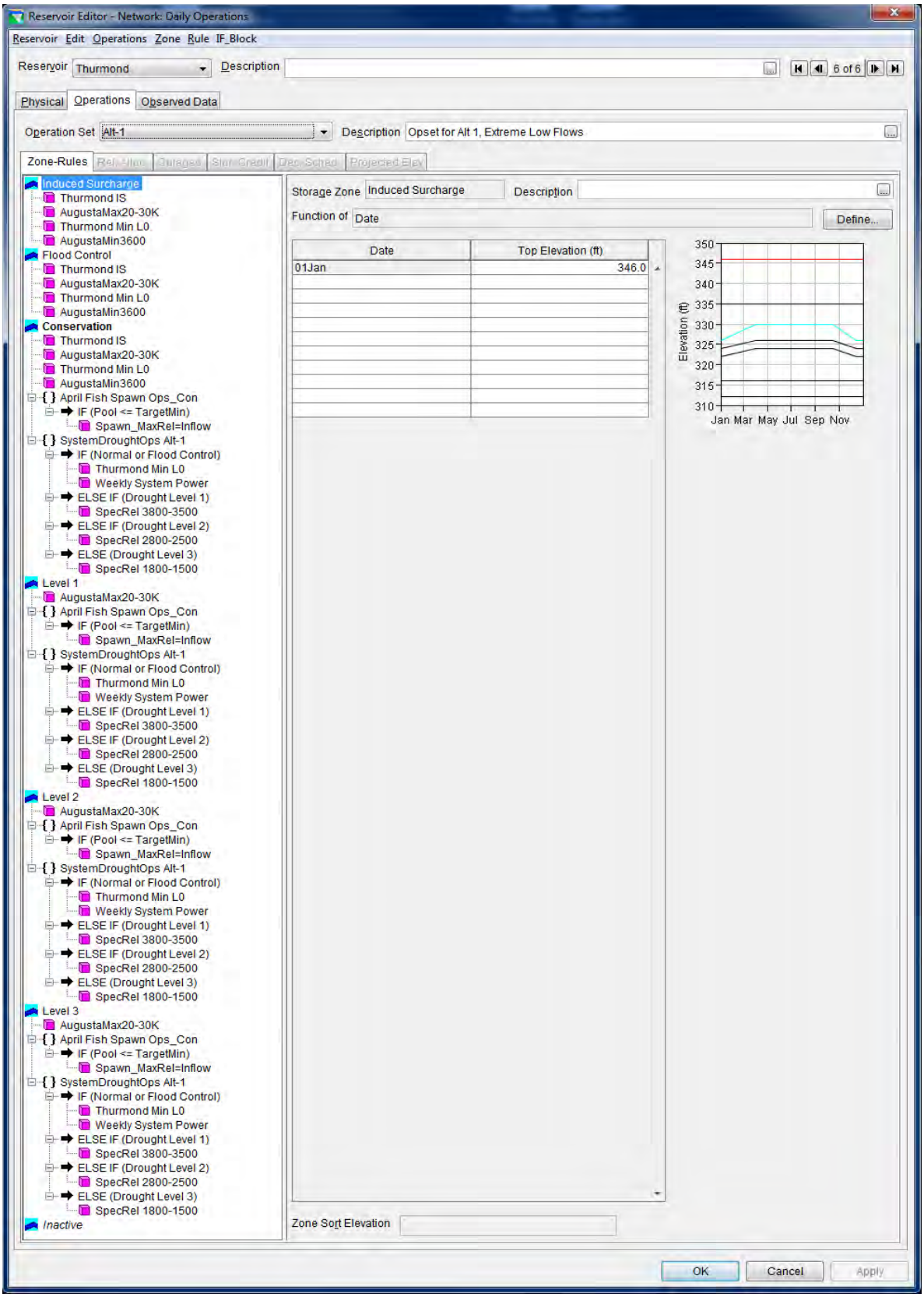
Annex B - Screen 39 (NAA, Thurmond Conservation Pool, Level 1 Bell Gage Rule)



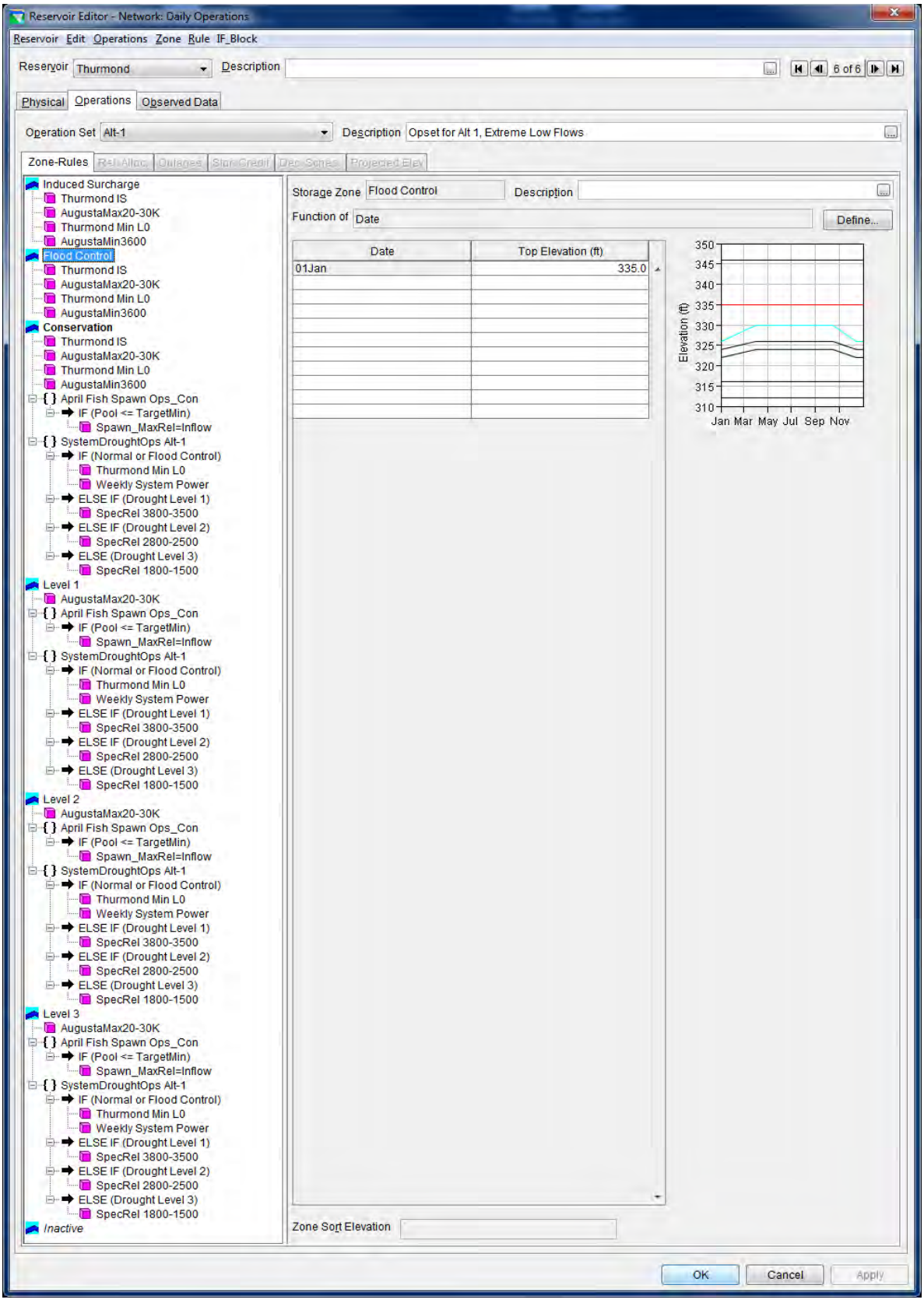
Annex B - Screen 40 (NAA, Thurmond Conservation Pool, Level 2 Bell Gage Rule)



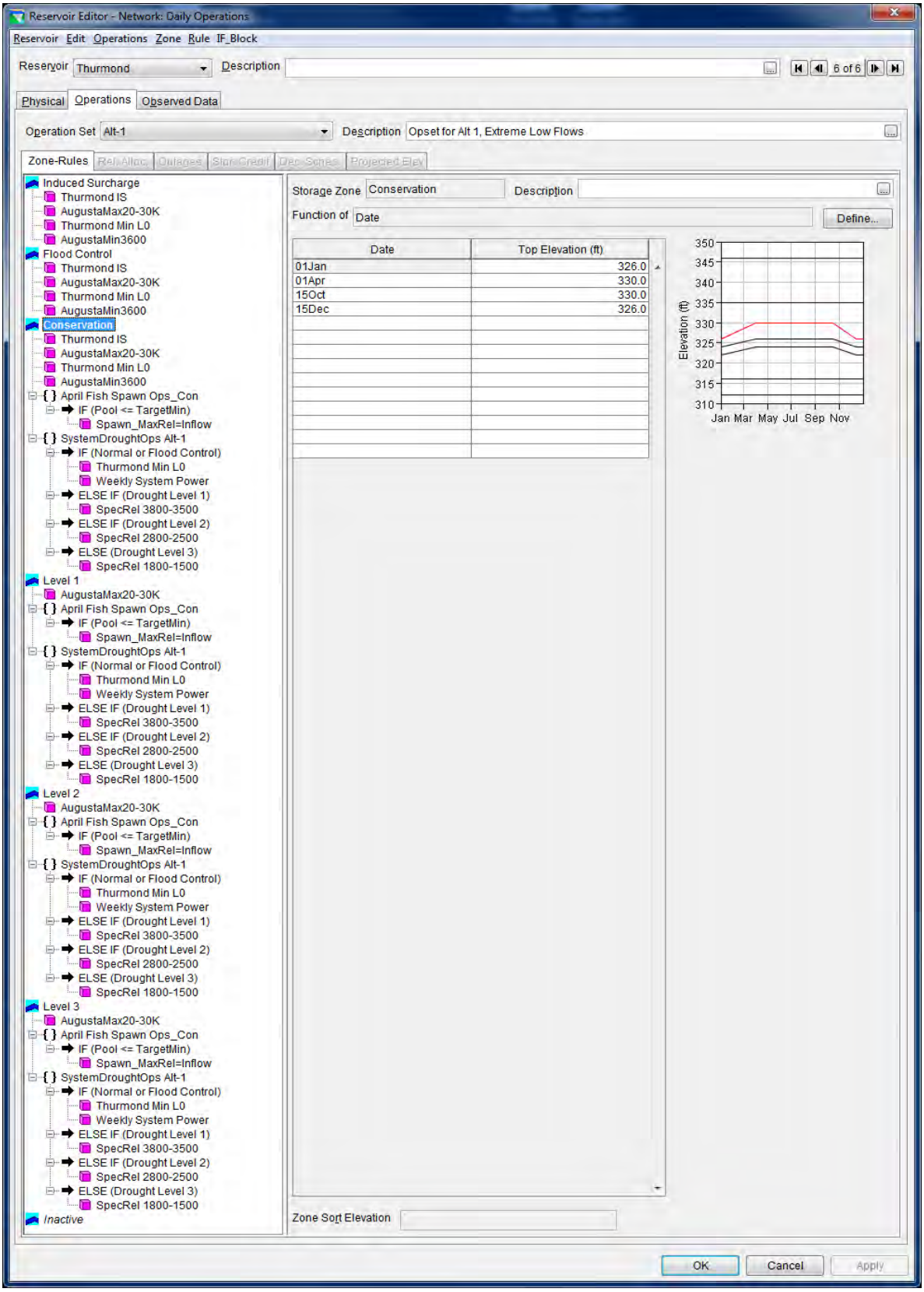
Annex B - Screen 41 (NAA, Thurmond Conservation Pool, Level 3 Rule)



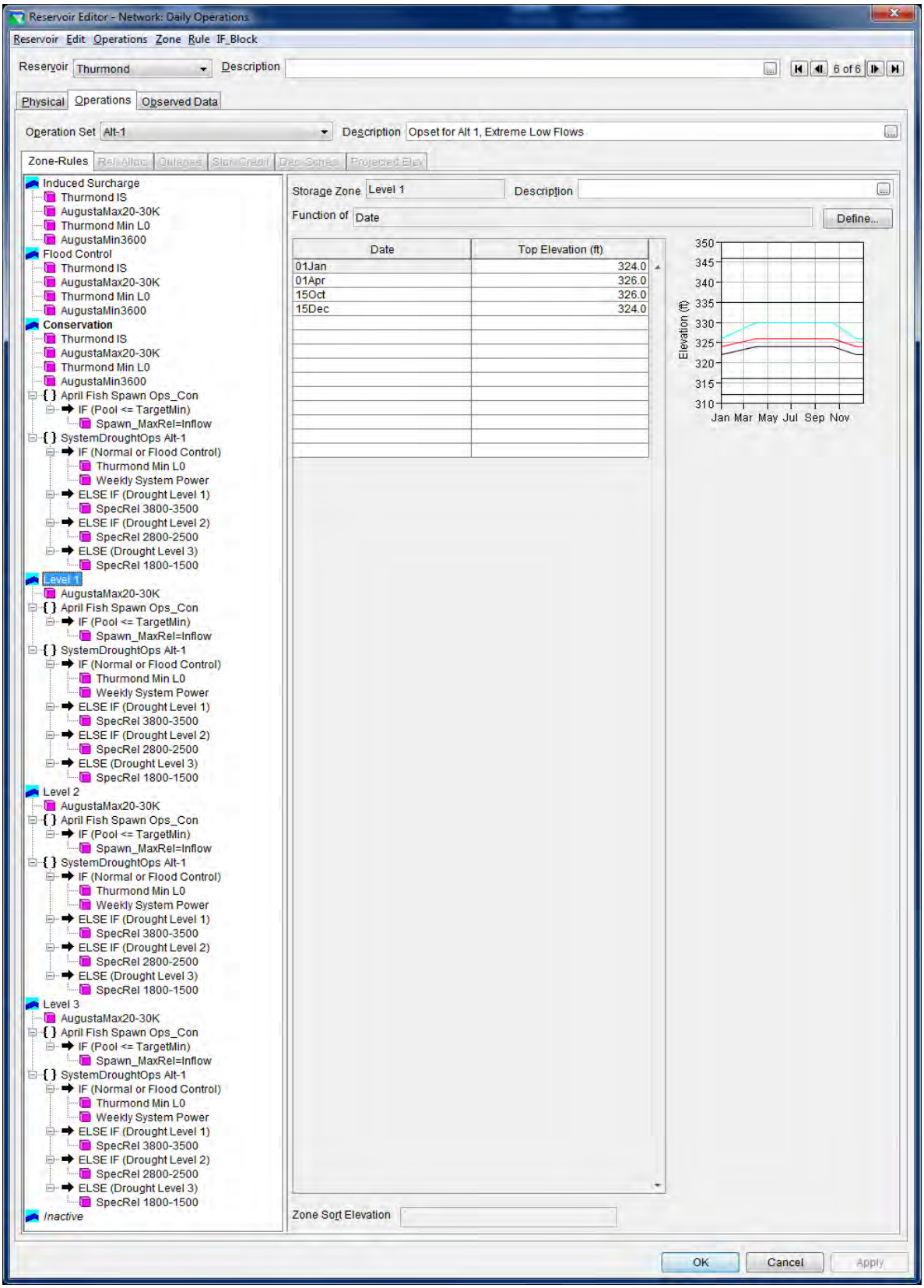
Annex B - Screen 42 (ALT1, Thurmond Induced Surcharge Pool Rule Stack)



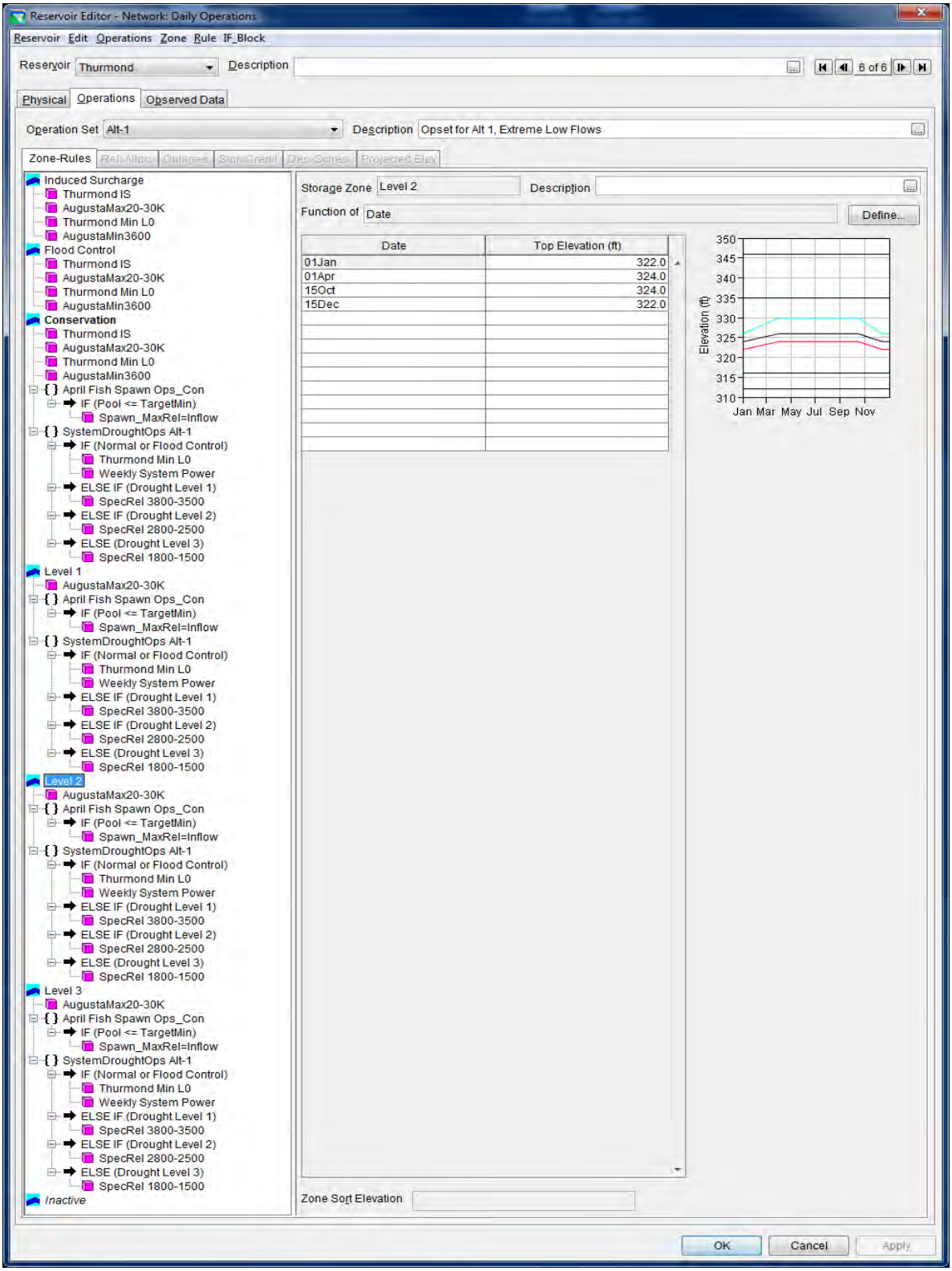
Annex B - Screen 43 (ALT1, Thurmond Flood Pool Rule Stack)


Reservoir Editor - Network: Daily Operations
Reservoir Edit Operations Zone Rule IF_Block
Reservoir Thurmond
Description
6 of 6
Physical Operations Observed Data
Operation Set Alt-1
Description Opset for Alt 1, Extreme Low Flows
Zone-Rules Rel-Alloc Outages Stor-Credit Dep-Schds Projected Elev
Induced Surcharge
Thurmond IS
AugustaMax20-30K
Thurmond Min L0
AugustaMin3600
Flood Control
Thurmond IS
AugustaMax20-30K
Thurmond Min L0
AugustaMin3600
Conservation
Thurmond IS
AugustaMax20-30K
Thurmond Min L0
AugustaMin3600
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Level 1
AugustaMax20-30K
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Level 2
AugustaMax20-30K
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Level 3
AugustaMax20-30K
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Inactive
Storage Zone Conservation
Description
Function of Date
Define...
Date
Top Elevation (ft)
01Jan 326.0
01Apr 330.0
15Oct 330.0
15Dec 326.0
Elevation (ft)
350
345
340
335
330
325
320
315
310
Jan Mar May Jul Sep Nov
Zone Sort Elevation
OK
Cancel
Apply

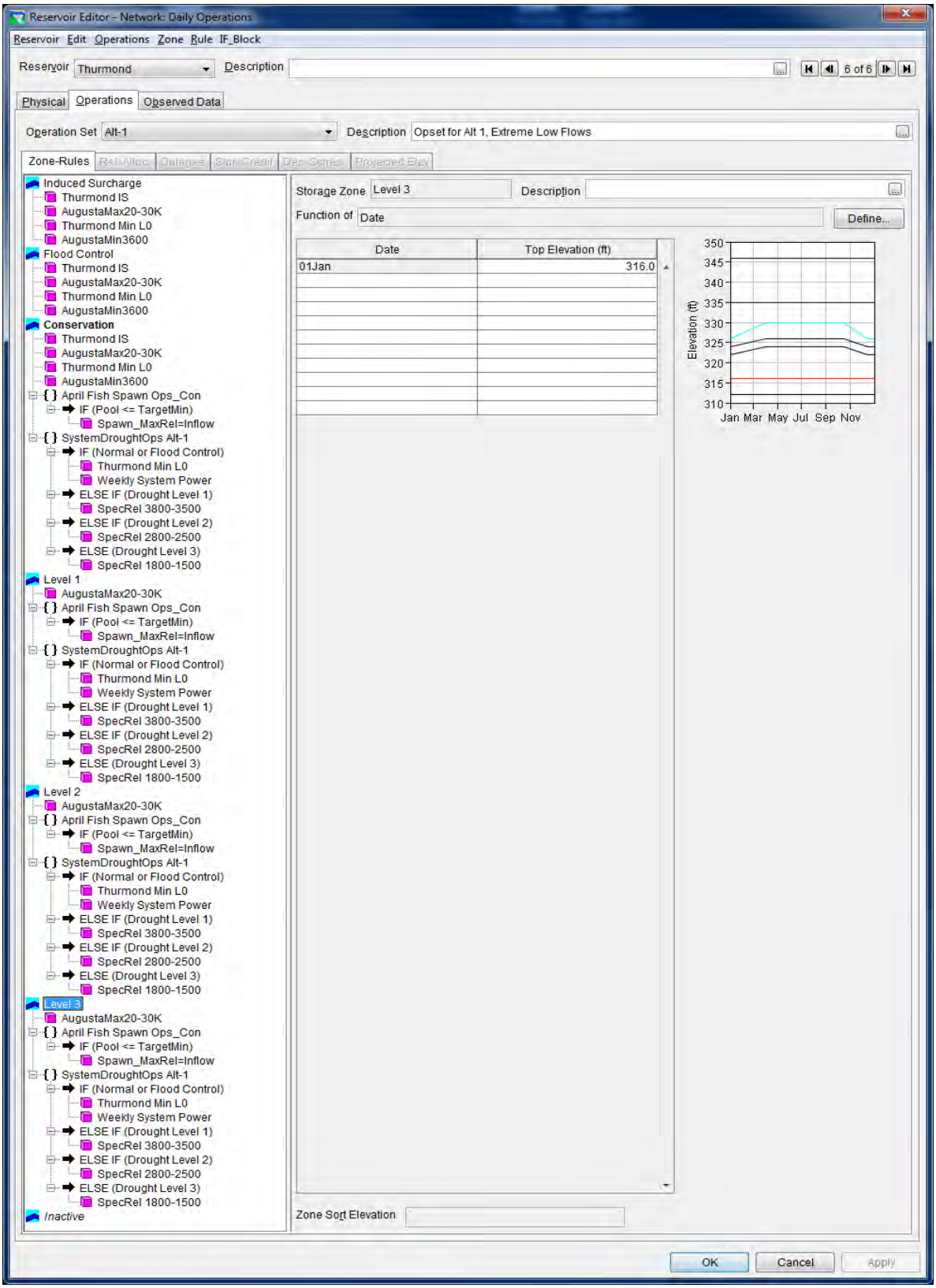
Annex B - Screen 44 (ALT1, Thurmond Conservation Pool Rule Stack)



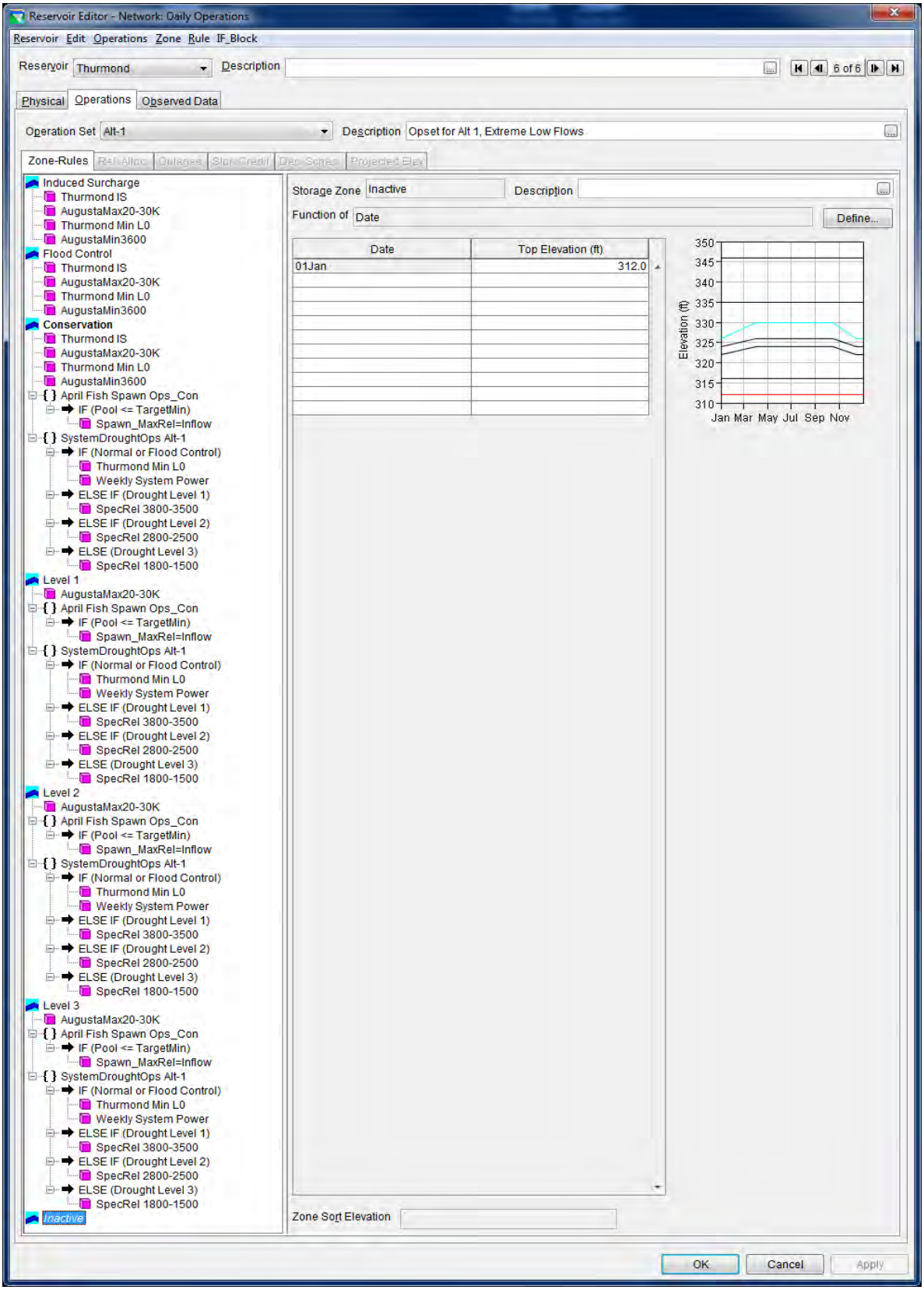
Annex B - Screen 45 (ALT1, Thurmond Trigger Level 1 Rule Stack)


Reservoir Editor - Network: Daily Operations
Reservoir Edit Operations Zone Rule IF_Block
Reservoir Thurmond
Description
6 of 6
Physical Operations Observed Data
Operation Set Alt-1
Description Opset for Alt 1, Extreme Low Flows
Zone-Rules Rel Alloc Outages Stor Credit Dec Schds Projected Elev
Induced Surcharge
Thurmond IS
AugustaMax20-30K
Thurmond Min L0
AugustaMin3600
Flood Control
Thurmond IS
AugustaMax20-30K
Thurmond Min L0
AugustaMin3600
Conservation
Thurmond IS
AugustaMax20-30K
Thurmond Min L0
AugustaMin3600
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Level 1
AugustaMax20-30K
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Level 2
AugustaMax20-30K
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Level 3
AugustaMax20-30K
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Inactive
Storage Zone Level 2
Description
Function of Date
Define...
Date
Top Elevation (ft)
01Jan 322.0
01Apr 324.0
15Oct 324.0
15Dec 322.0
Elevation (ft)
350
345
340
335
330
325
320
315
310
Jan Mar May Jul Sep Nov
Zone Sort Elevation
OK
Cancel
Apply

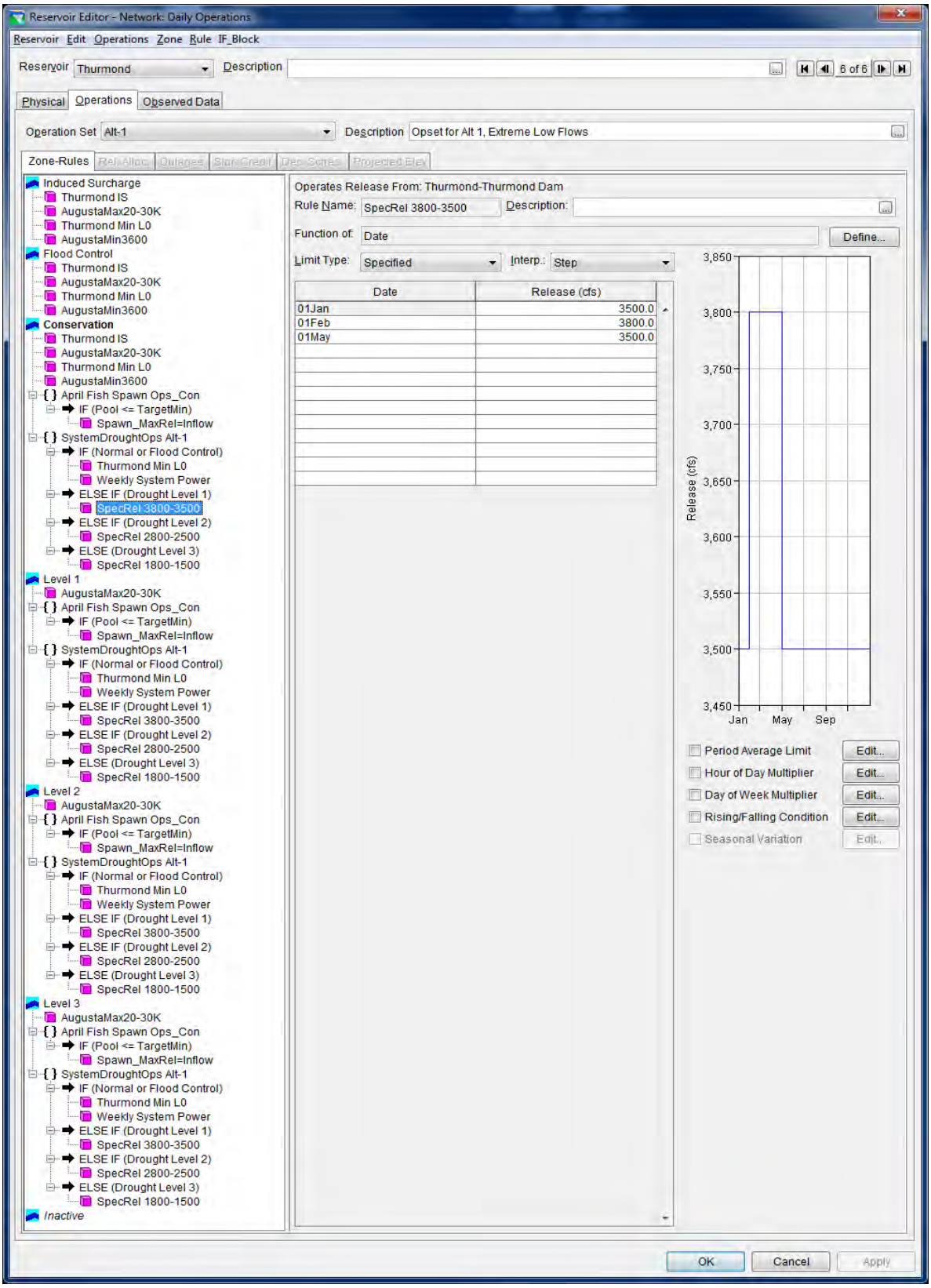
Annex B - Screen 46 (ALT1, Thurmond Trigger Level 2 Rule Stack)



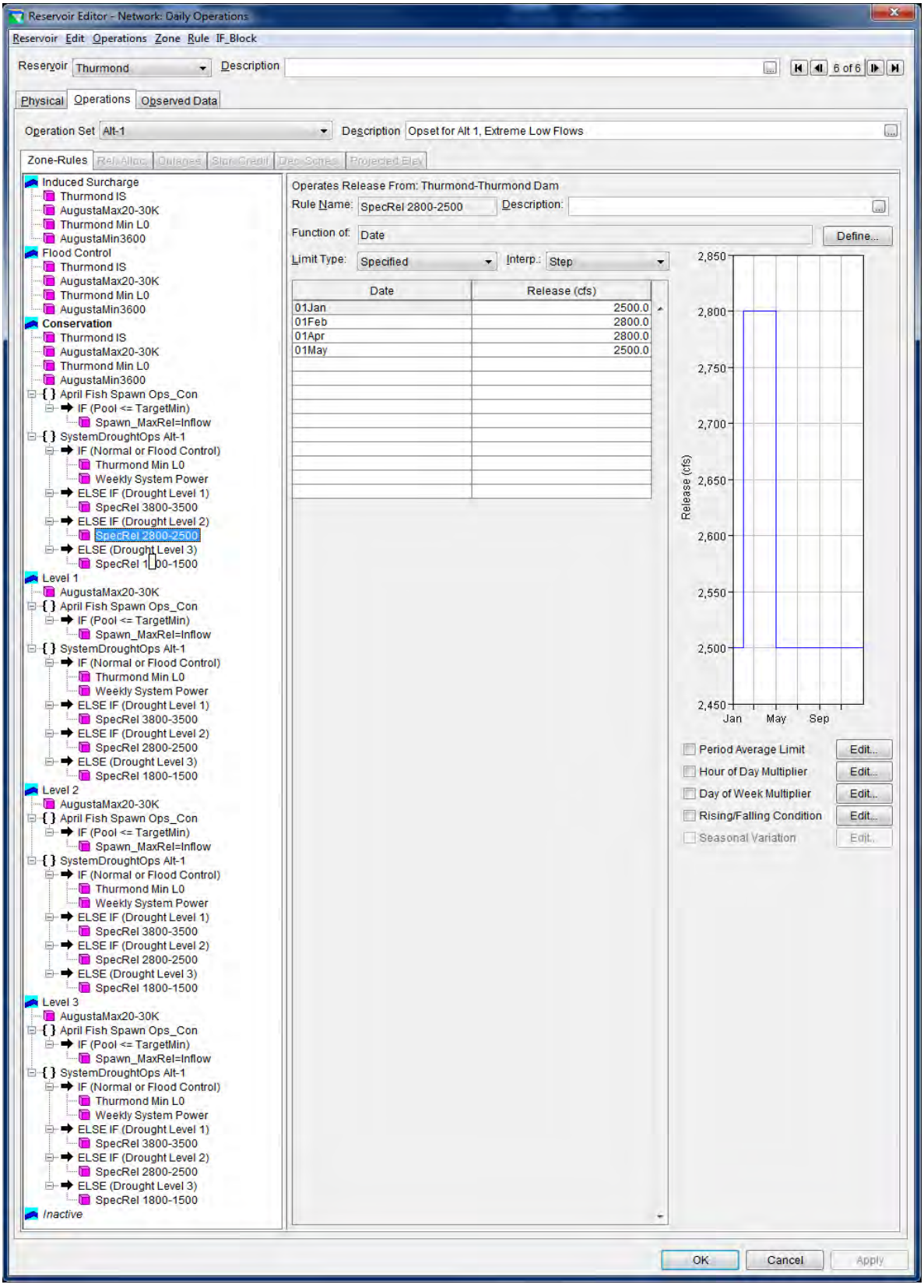
Annex B - Screen 47 (ALT1, Thurmond Trigger Level3 Rule Stack)


Reservoir Editor - Network: Daily Operations
Reservoir Edit Operations Zone Rule IF_Block
Reservoir Thurmond
Description
6 of 6
Physical Operations Observed Data
Operation Set Alt-1
Description Opset for Alt 1, Extreme Low Flows
Zone-Rules Rel-Alloc Outages Stor-Credit Dep-Schds Projected-Elev
Induced Surcharge
Thurmond IS
AugustaMax20-30K
Thurmond Min L0
AugustaMin3600
Flood Control
Thurmond IS
AugustaMax20-30K
Thurmond Min L0
AugustaMin3600
Conservation
Thurmond IS
AugustaMax20-30K
Thurmond Min L0
AugustaMin3600
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Level 1
AugustaMax20-30K
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Level 2
AugustaMax20-30K
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Level 3
AugustaMax20-30K
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Inactive
Storage Zone Inactive
Description
Function of Date
Define...
Date
Top Elevation (ft)
01Jan
312.0
Elevation (ft)
350
345
340
335
330
325
320
315
310
Jan Mar May Jul Sep Nov
Zone Sort Elevation
OK
Cancel
Apply

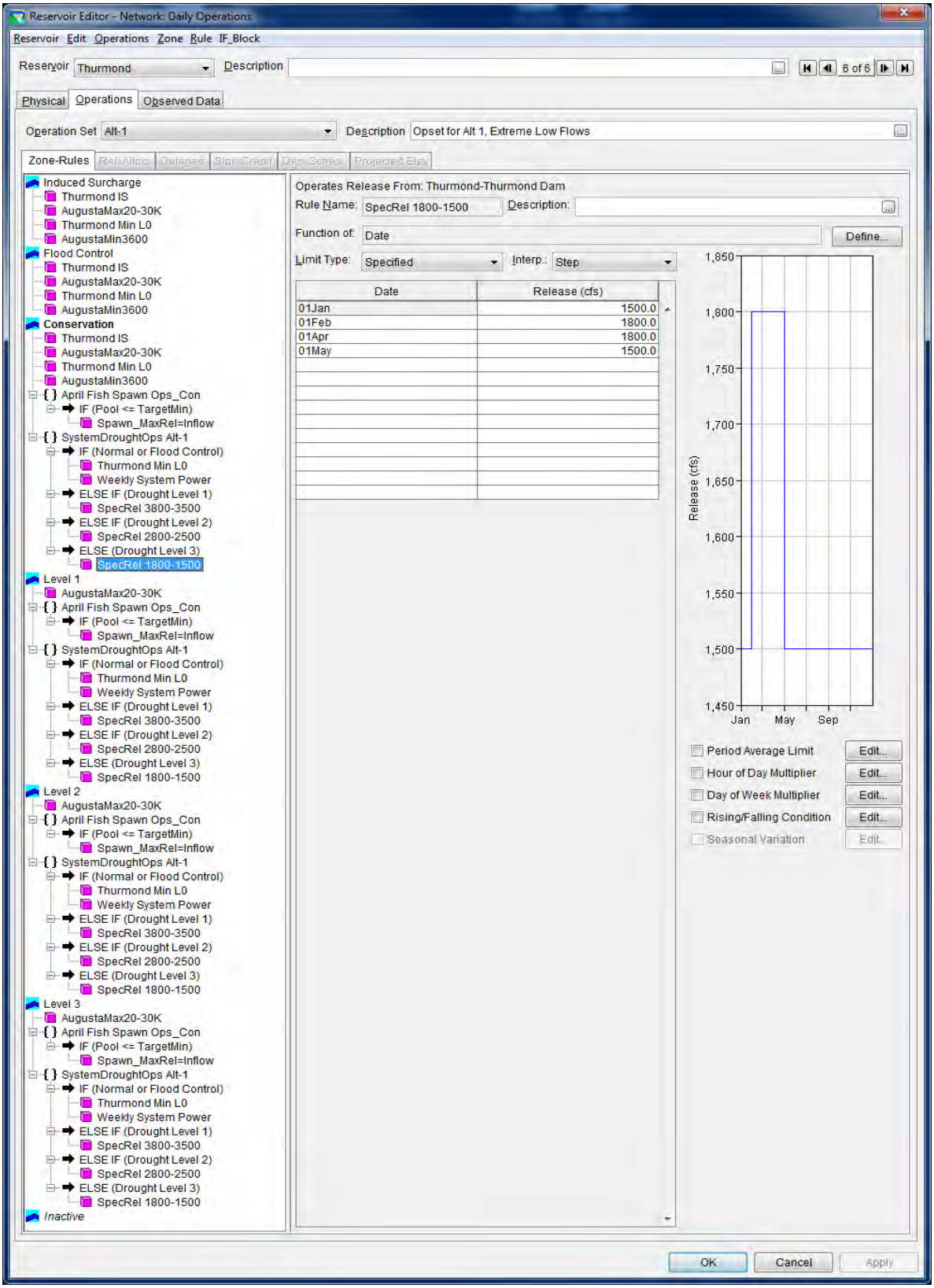
Annex B - Screen 48 (ALT1, Thurmond Inactive Pool Definition)



Annex B - Screen 49 (ALT1, Thurmond Conservation Pool, Level 1 Bell Gage Rule)

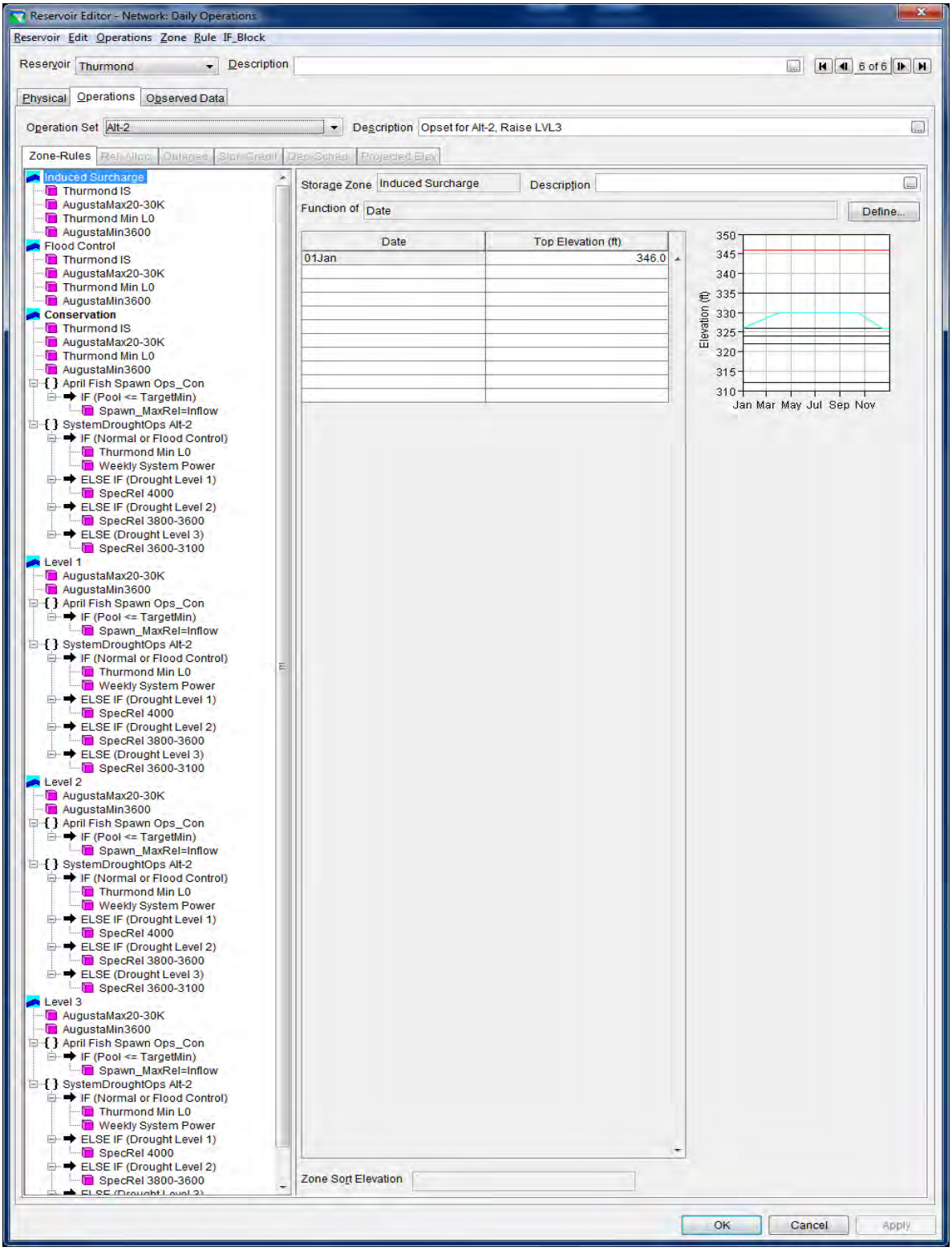

Reservoir Editor - Network: Daily Operations
Reservoir Edit Operations Zone Rule IF_Block
Reservoir Thurmond
Description
6 of 6
Physical Operations Observed Data
Operation Set Alt-1
Description Opset for Alt 1, Extreme Low Flows
Zone-Rules Rel-Alloc Outages Stor-Credit Dep-Schea Projected Elev
Induced Surcharge
Thurmond IS
AugustaMax20-30K
Thurmond Min L0
AugustaMin3600
Flood Control
Thurmond IS
AugustaMax20-30K
Thurmond Min L0
AugustaMin3600
Conservation
Thurmond IS
AugustaMax20-30K
Thurmond Min L0
AugustaMin3600
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Level 1
AugustaMax20-30K
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Level 2
AugustaMax20-30K
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Level 3
AugustaMax20-30K
April Fish Spawn Ops_Con
IF (Pool <= TargetMin)
Spawn_MaxRel=Inflow
SystemDroughtOps Alt-1
IF (Normal or Flood Control)
Thurmond Min L0
Weekly System Power
ELSE IF (Drought Level 1)
SpecRel 3800-3500
ELSE IF (Drought Level 2)
SpecRel 2800-2500
ELSE (Drought Level 3)
SpecRel 1800-1500
Inactive
Operates Release From: Thurmond-Thurmond Dam
Rule Name: SpecRel 2800-2500
Description:
Function of: Date
Define...
Limit Type: Specified
Interp.: Step
Date
Release (cfs)
01Jan 2500.0
01Feb 2800.0
01Apr 2800.0
01May 2500.0
Release (cfs)
2,850
2,800
2,750
2,700
2,650
2,600
2,550
2,500
2,450
Jan
May
Sep
Period Average Limit
Hour of Day Multiplier
Day of Week Multiplier
Rising/Falling Condition
Seasonal Variation
Edit...
OK
Cancel
Apply

Annex B - Screen 50 (ALT1, Thurmond Conservation Pool, Level 2 Bell Gage Rule)

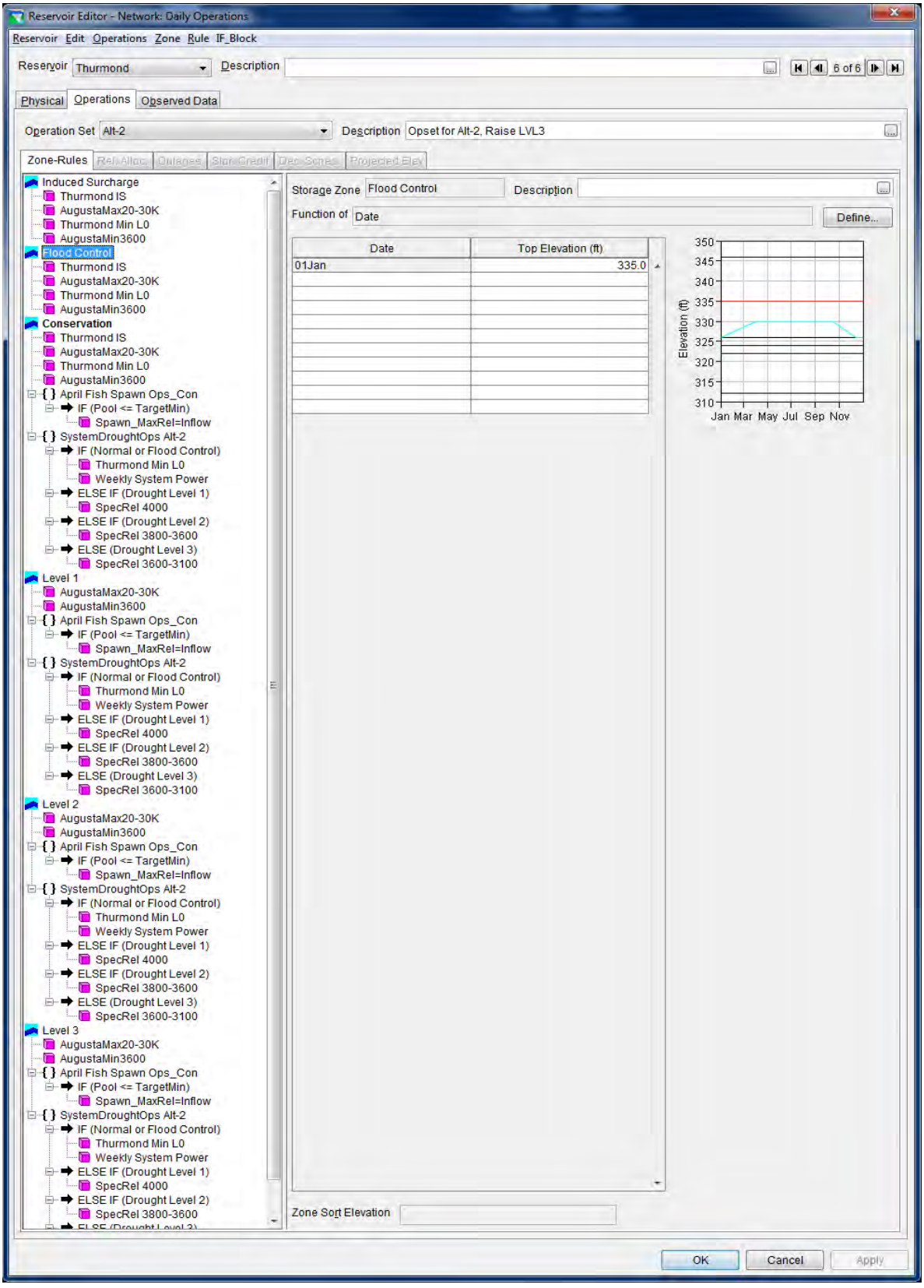


Annex B - Screen 51 (ALT1, Thurmond Conservation Pool, Level 3 Rule)

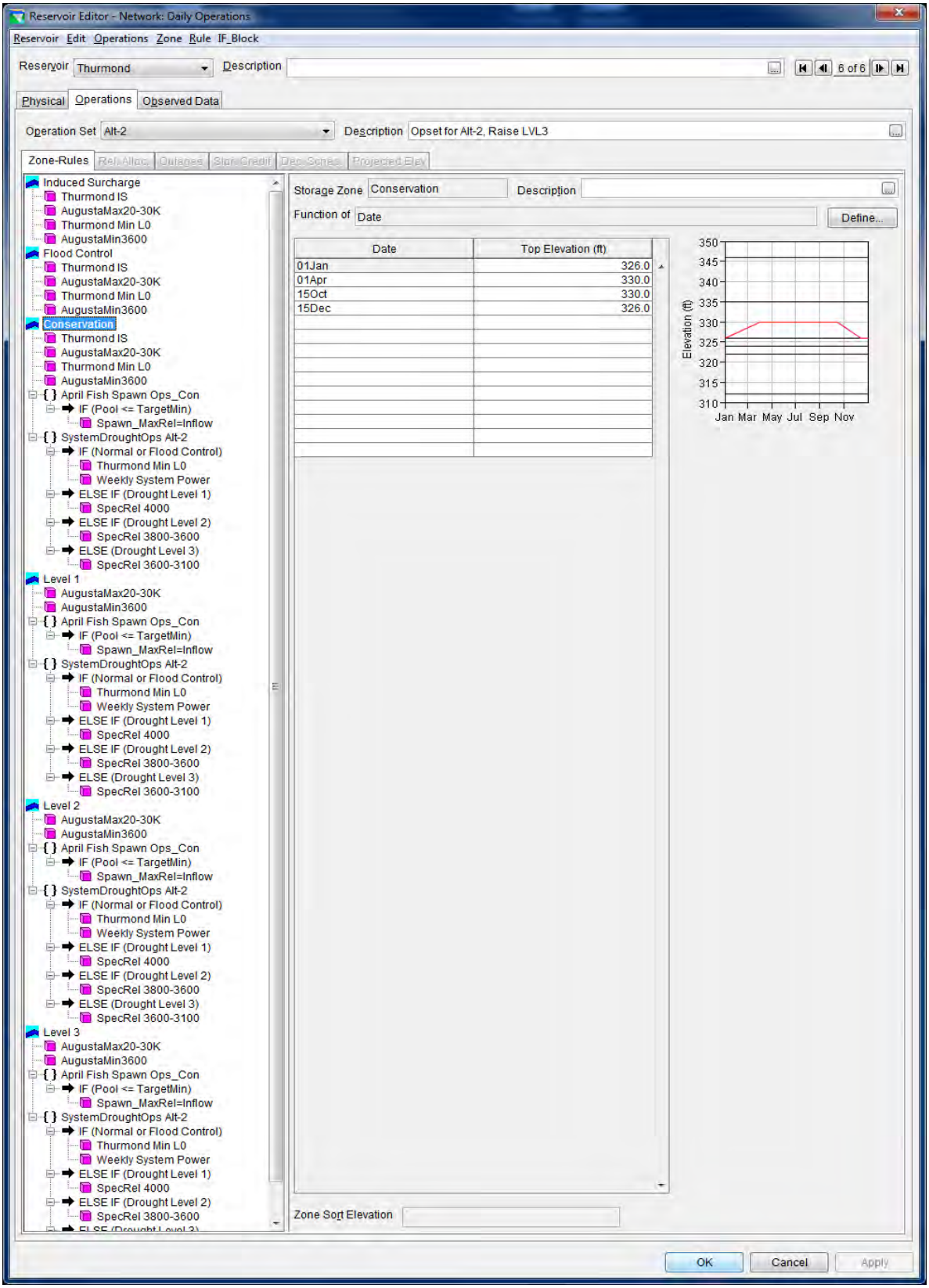
ALT-2



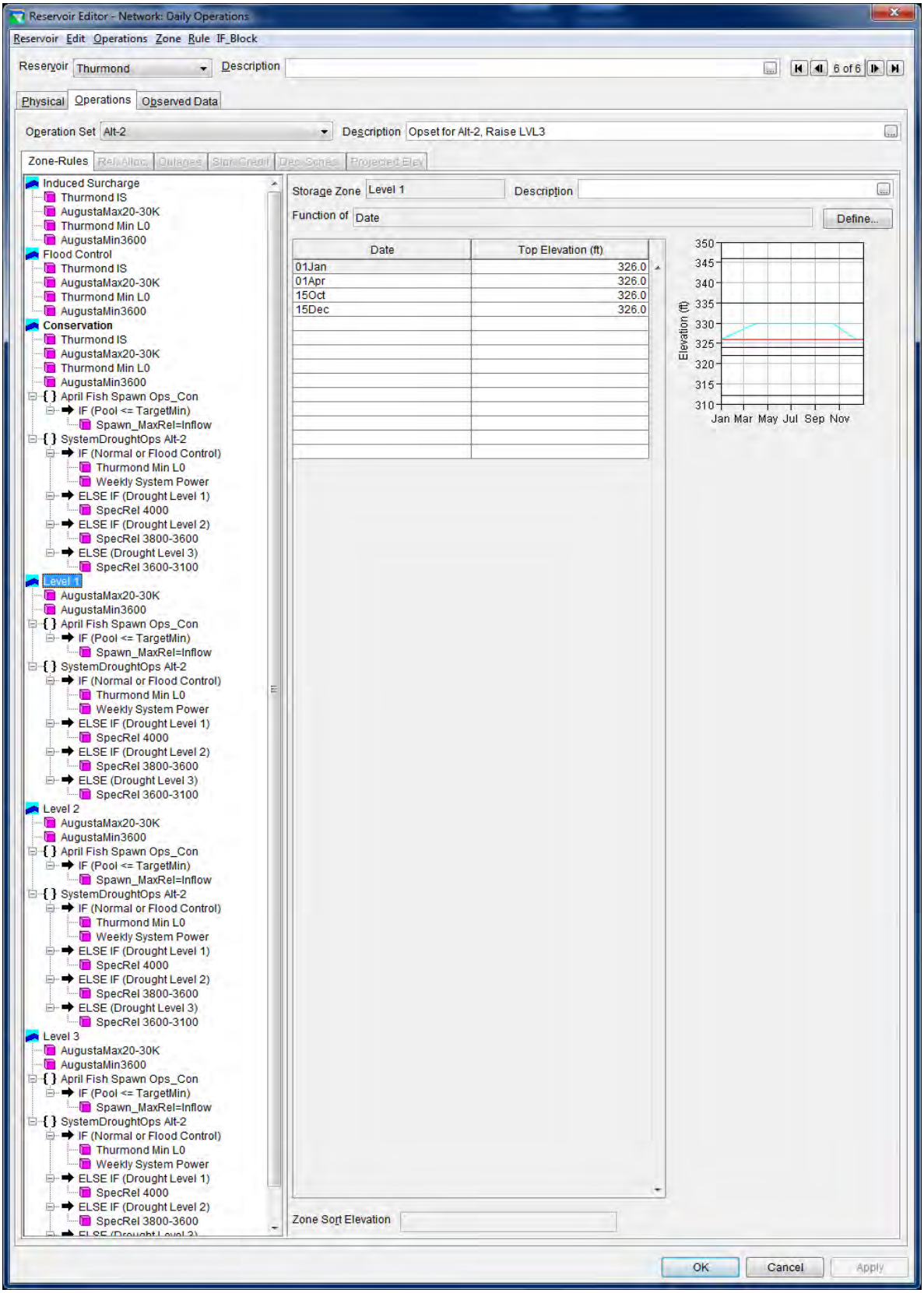
Annex B - Screen 52 (ALT2, Thurmond Induced Surcharge Pool Rule Stack)



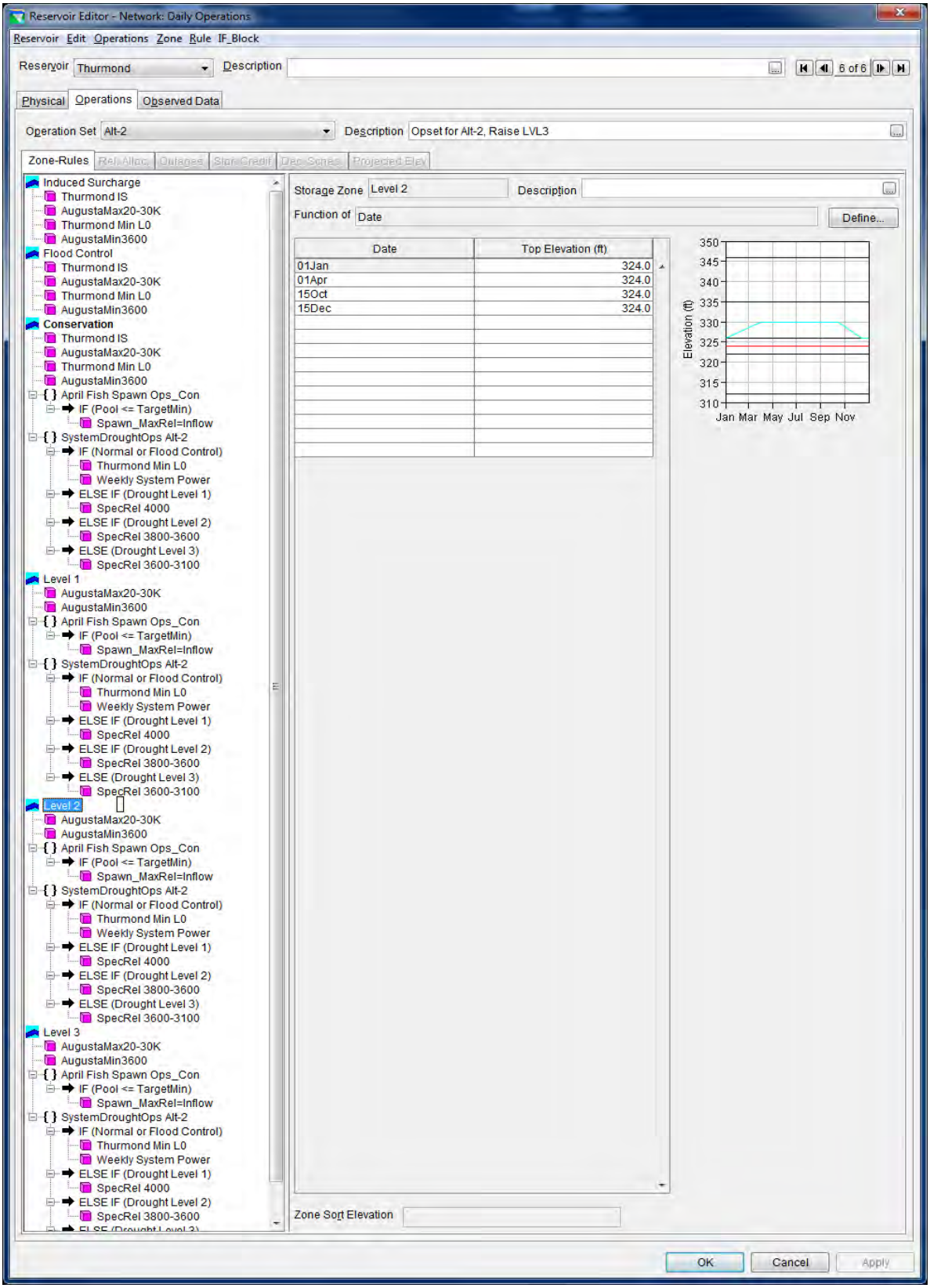
Annex B - Screen 53 (ALT2, Thurmond Flood Pool Rule Stack)



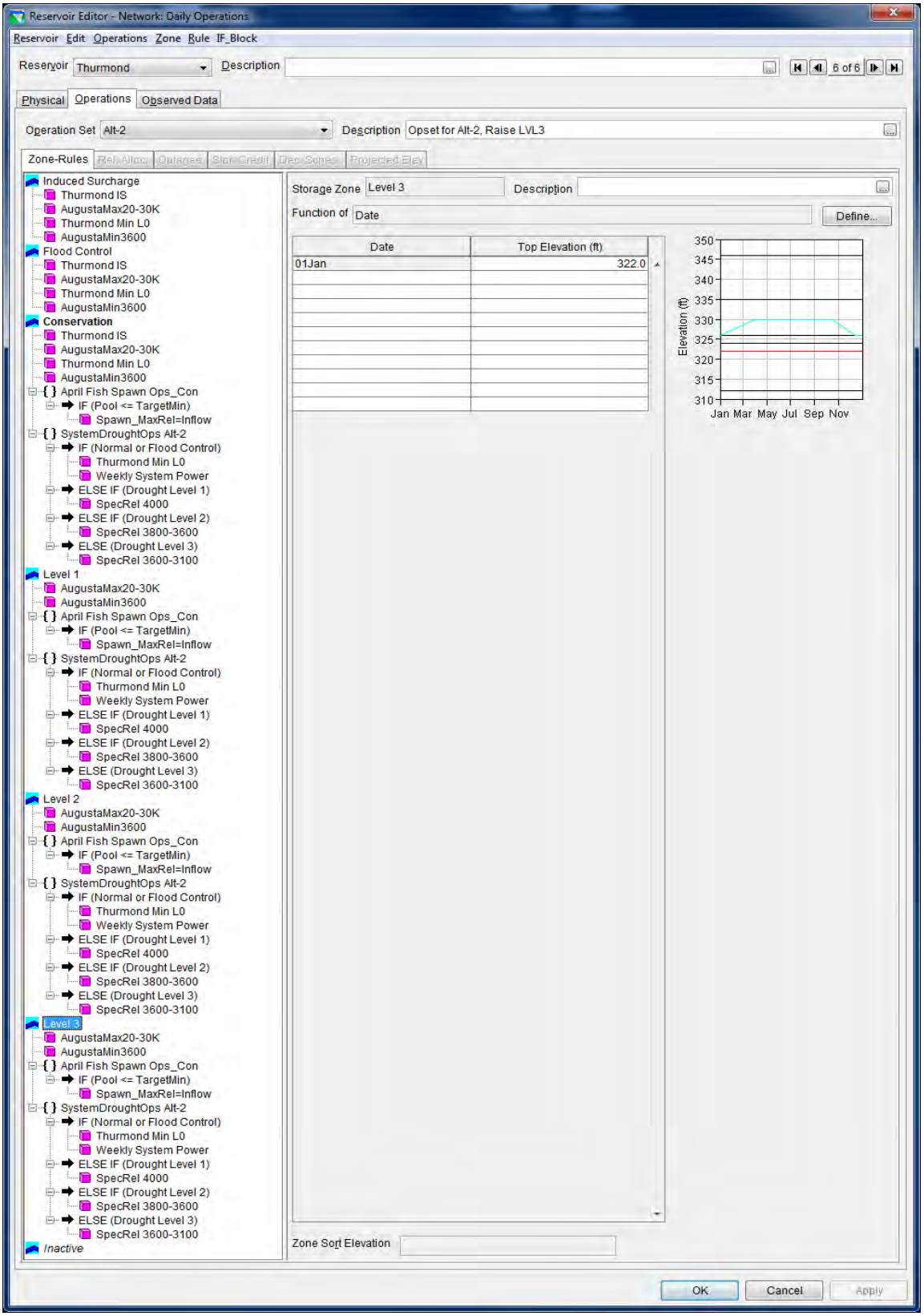
Annex B - Screen 54 (ALT2, Thurmond Conservation Pool Rule Stack)



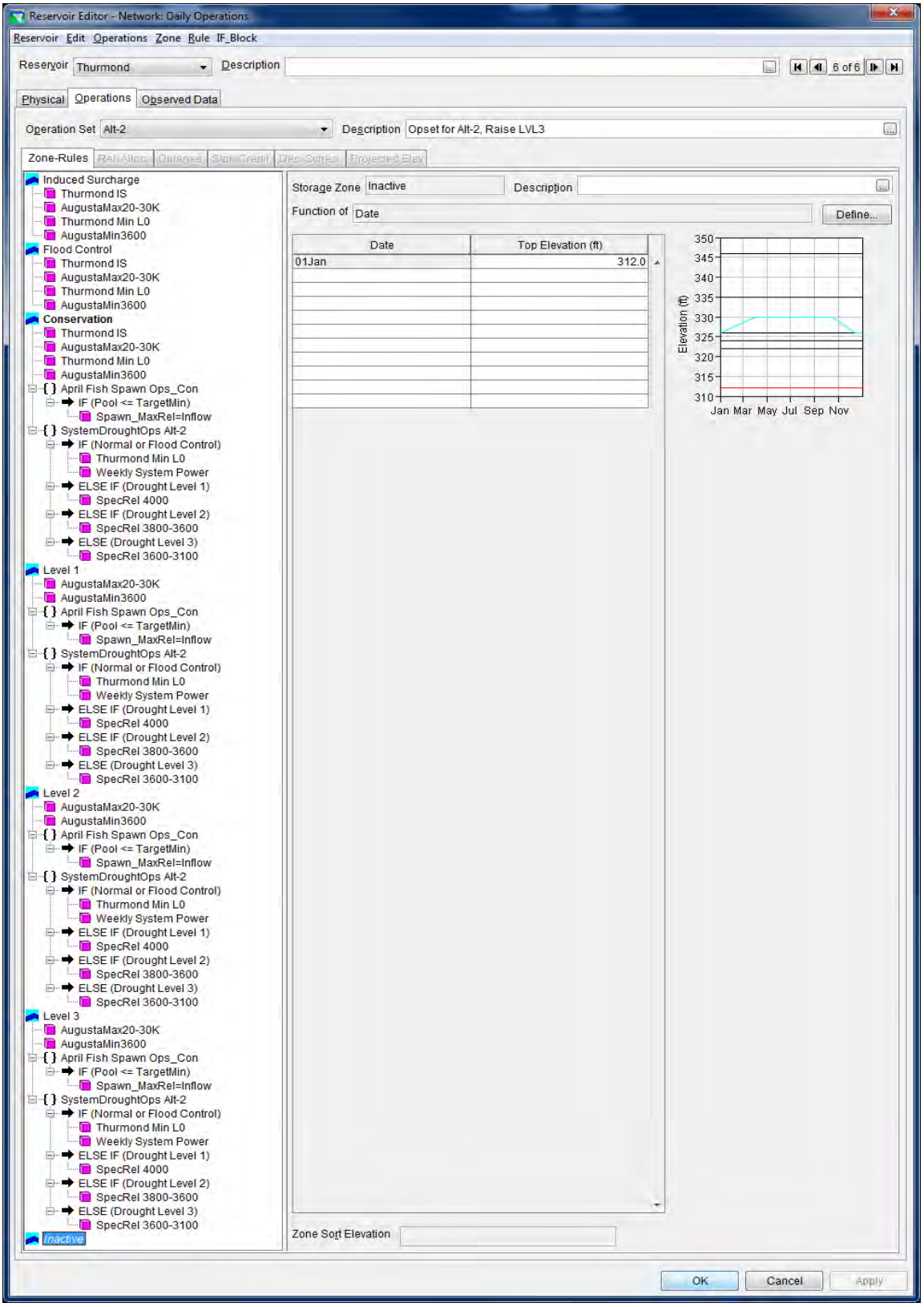
Annex B - Screen 55 (ALT2, Thurmond Trigger Level 1 Rule Stack)



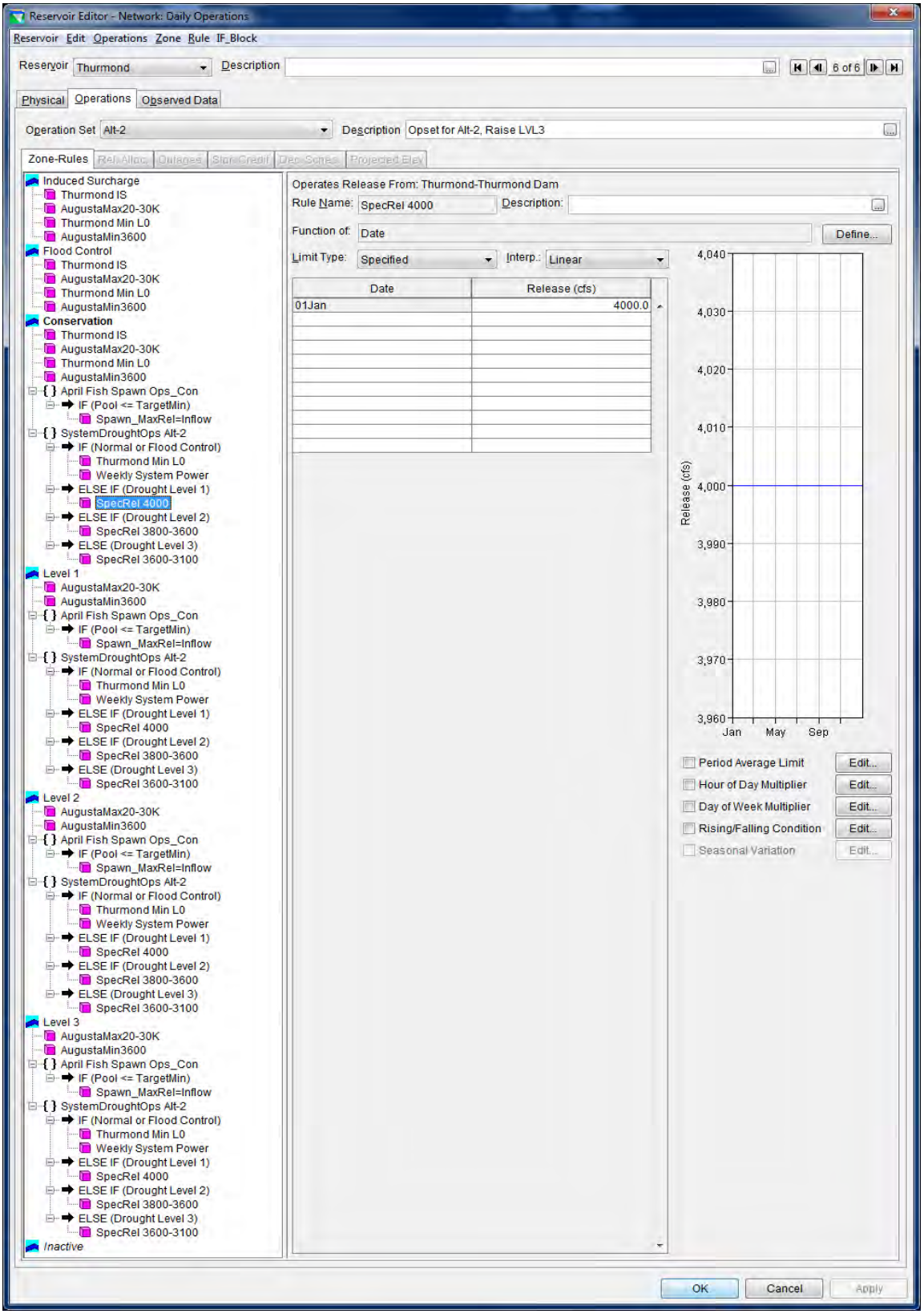
Annex B - Screen 56 (ALT2, Thurmond Trigger Level 2 Rule Stack)



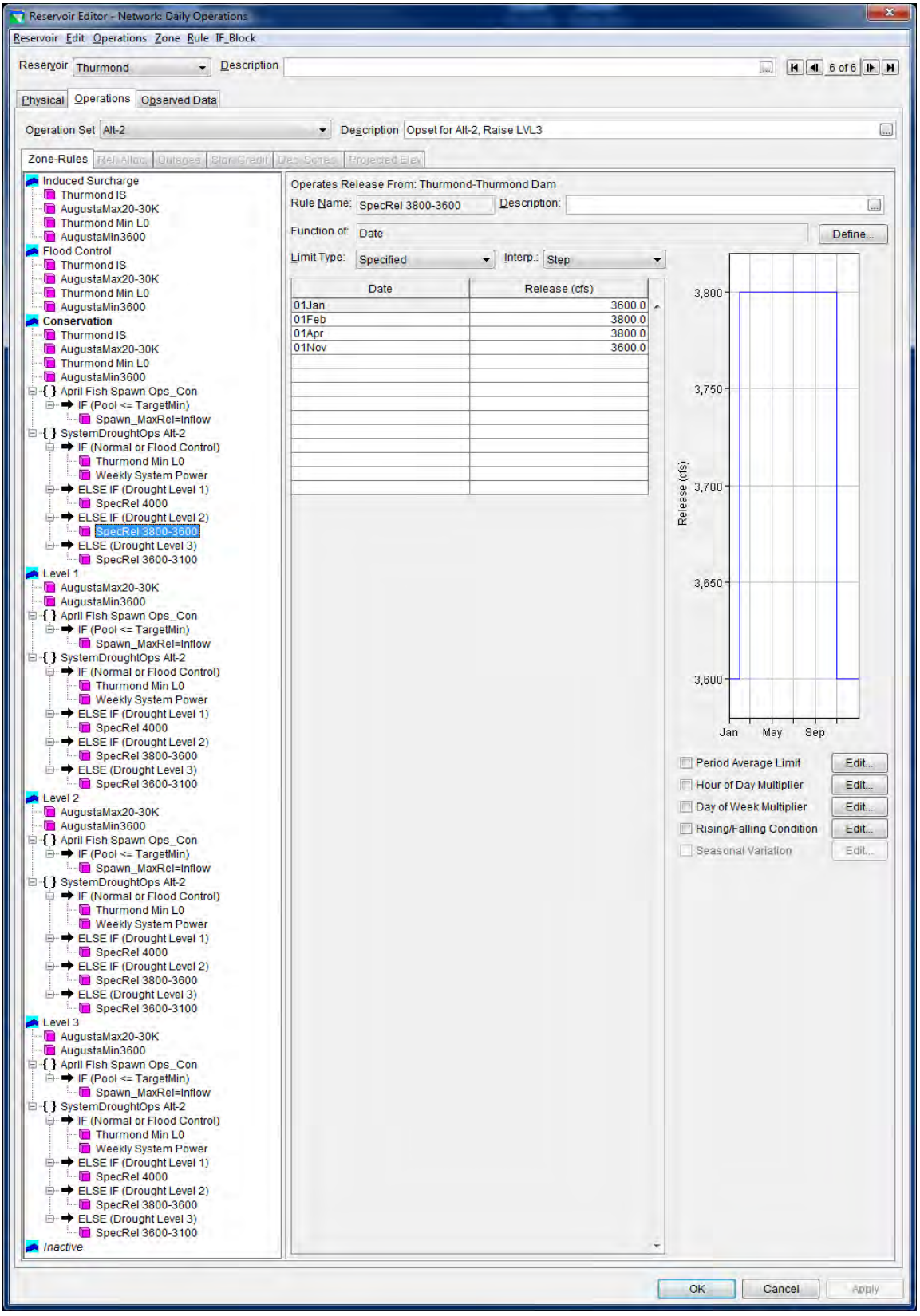
Annex B - Screen 57 (ALT2, Thurmond Trigger Level 3 Rule Stack)



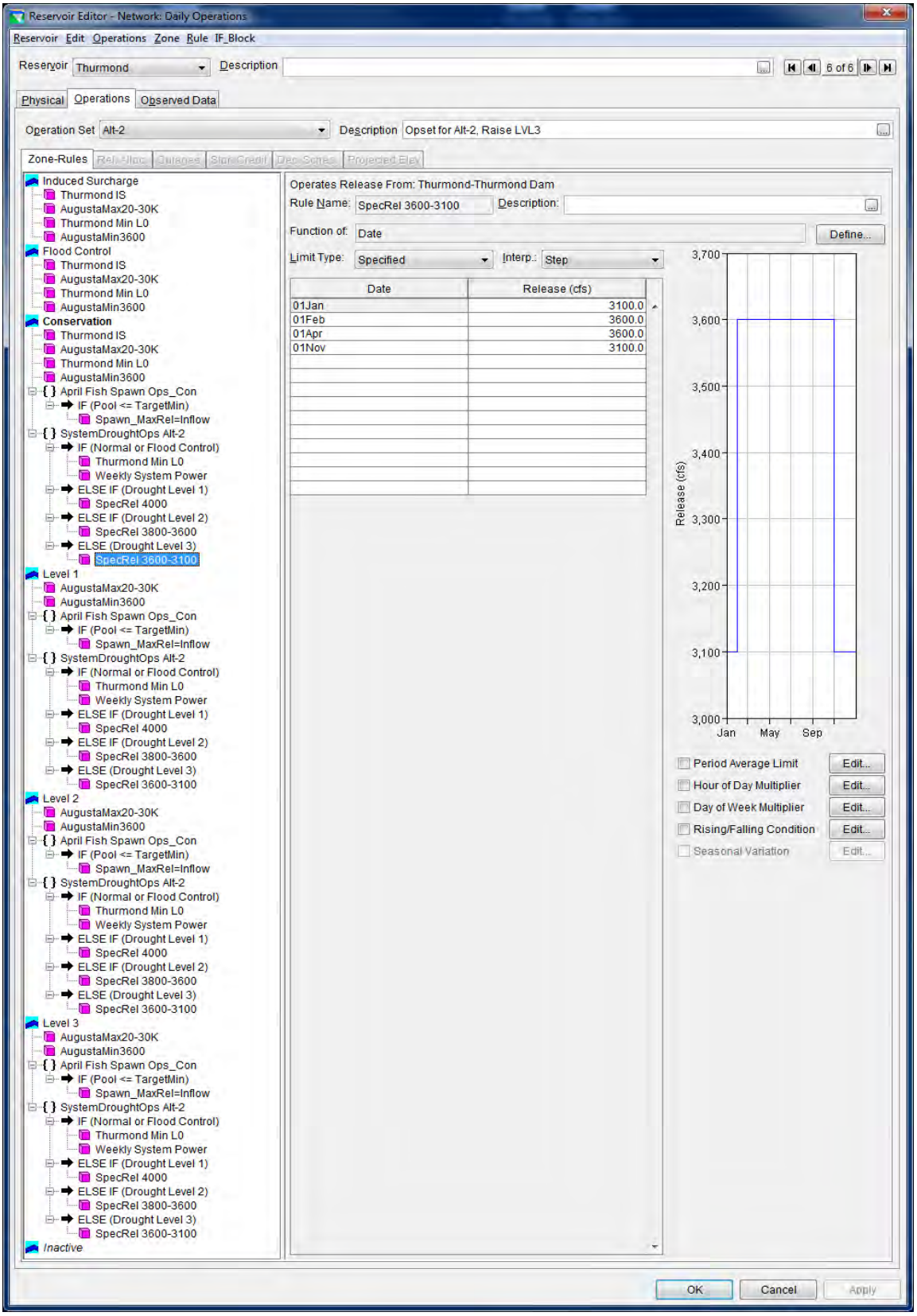
Annex B - Screen 58 (ALT2, Thurmond Inactive Pool Definition)



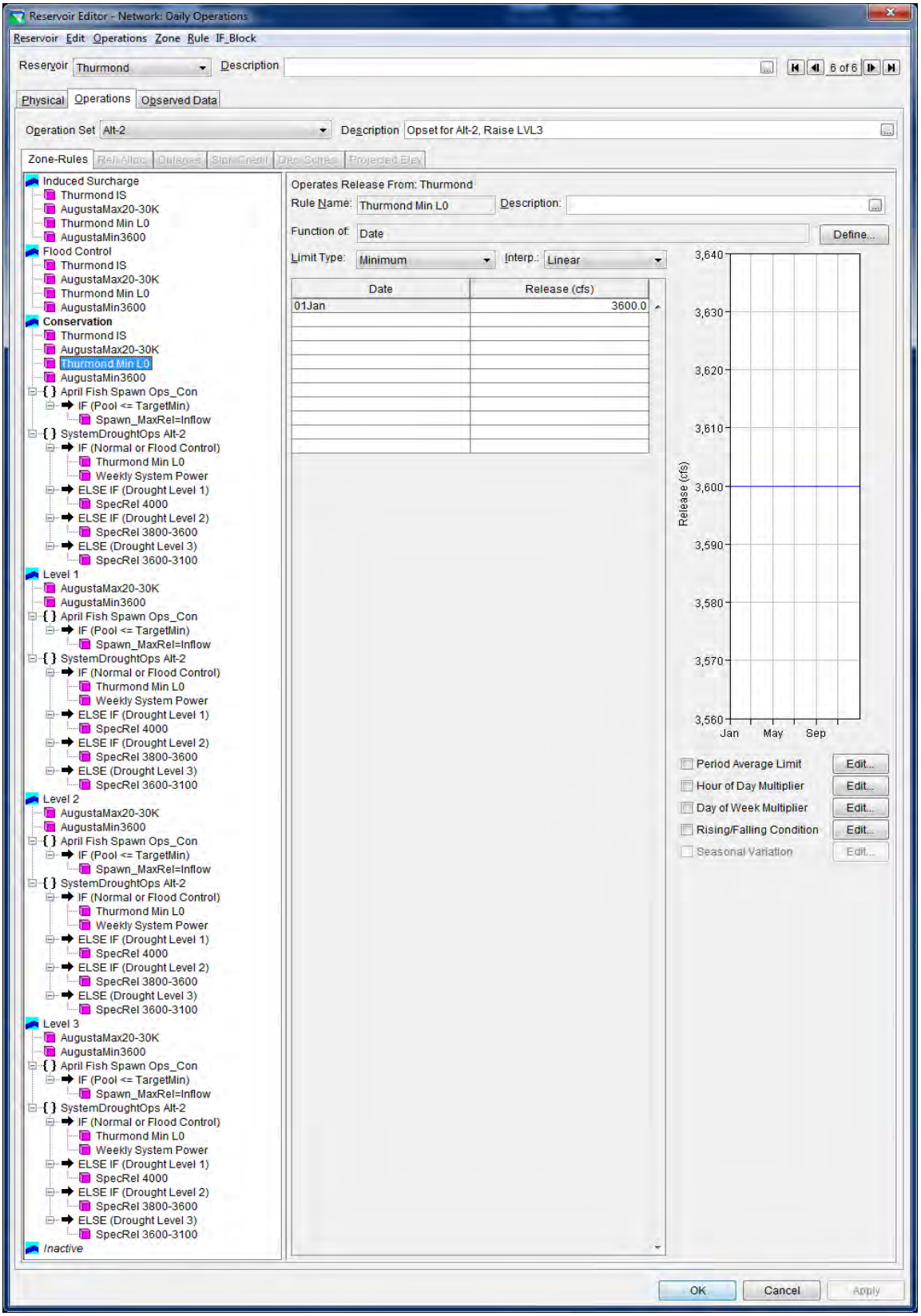
Annex B - Screen 59 (ALT2, Conservation Pool, Level 1 Bell Gage Rule)



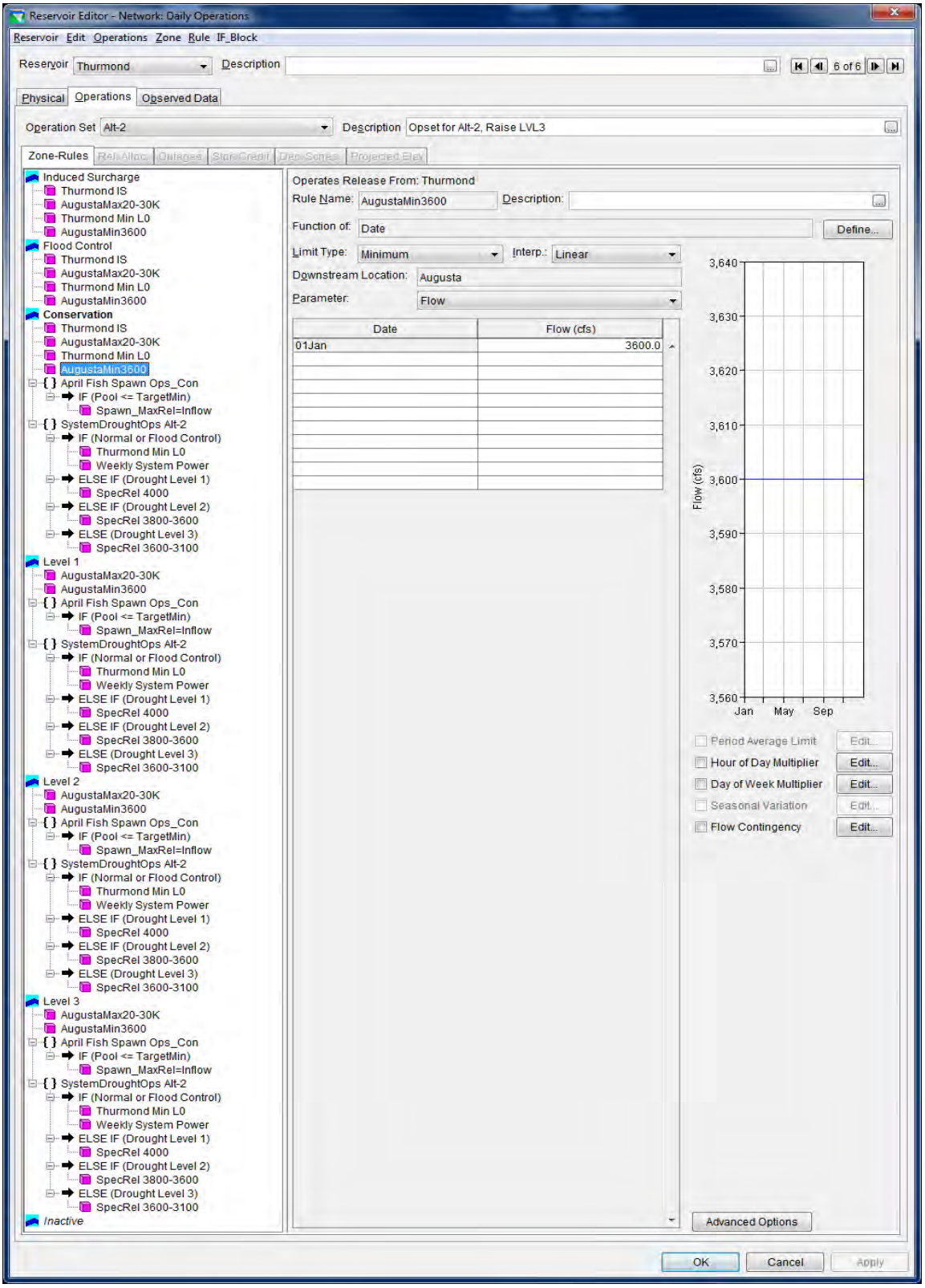
Annex B - Screen 60 (ALT2, Conservation Pool, Level 2 Bell Gage Rule)



Annex B - Screen 61 (ALT2, Conservation Pool, Level 3 Rule)

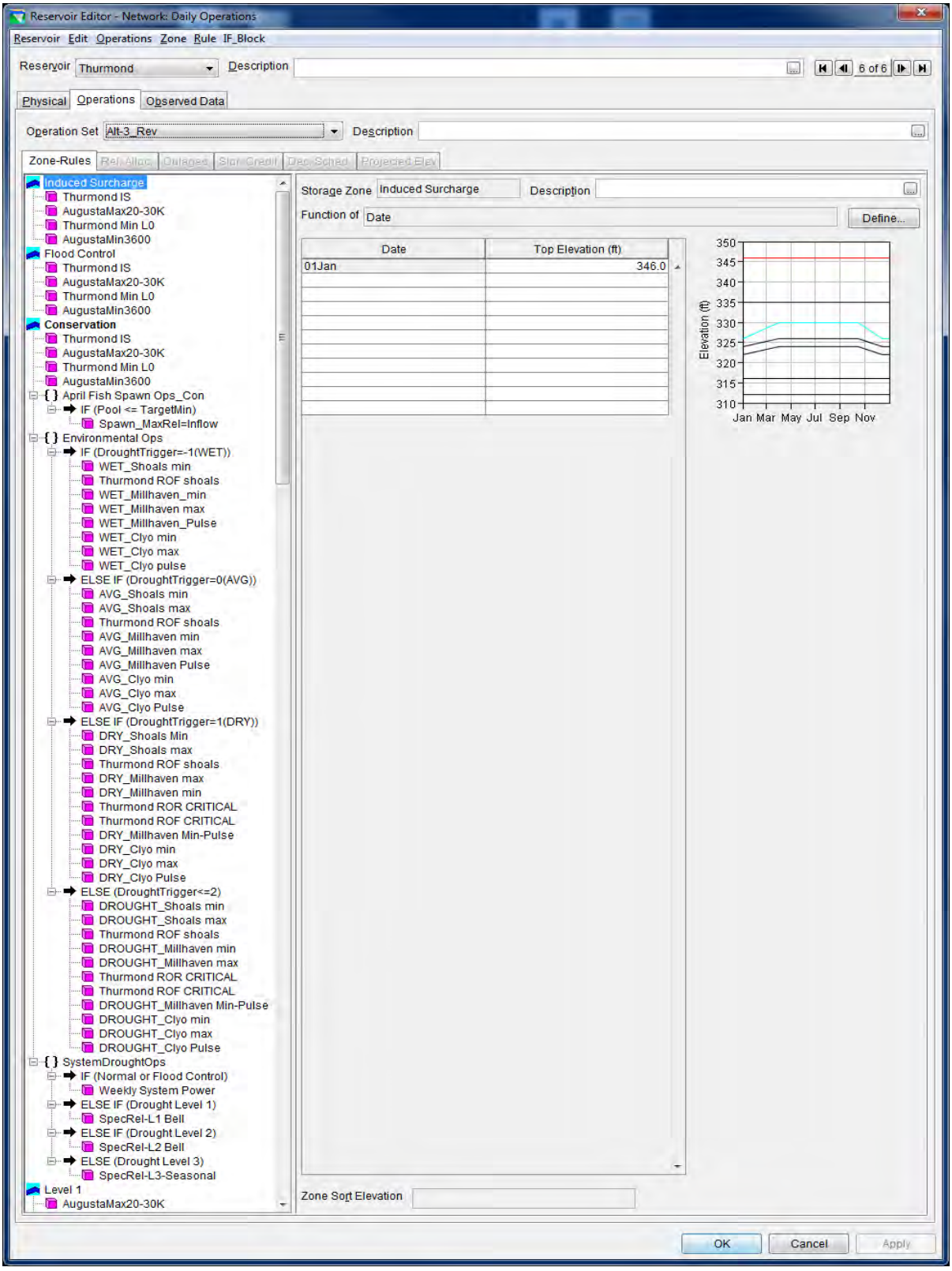


Annex B - Screen 62 (ALT2, Conservation Pool, Thurmond Min 3600 cfs Rule)

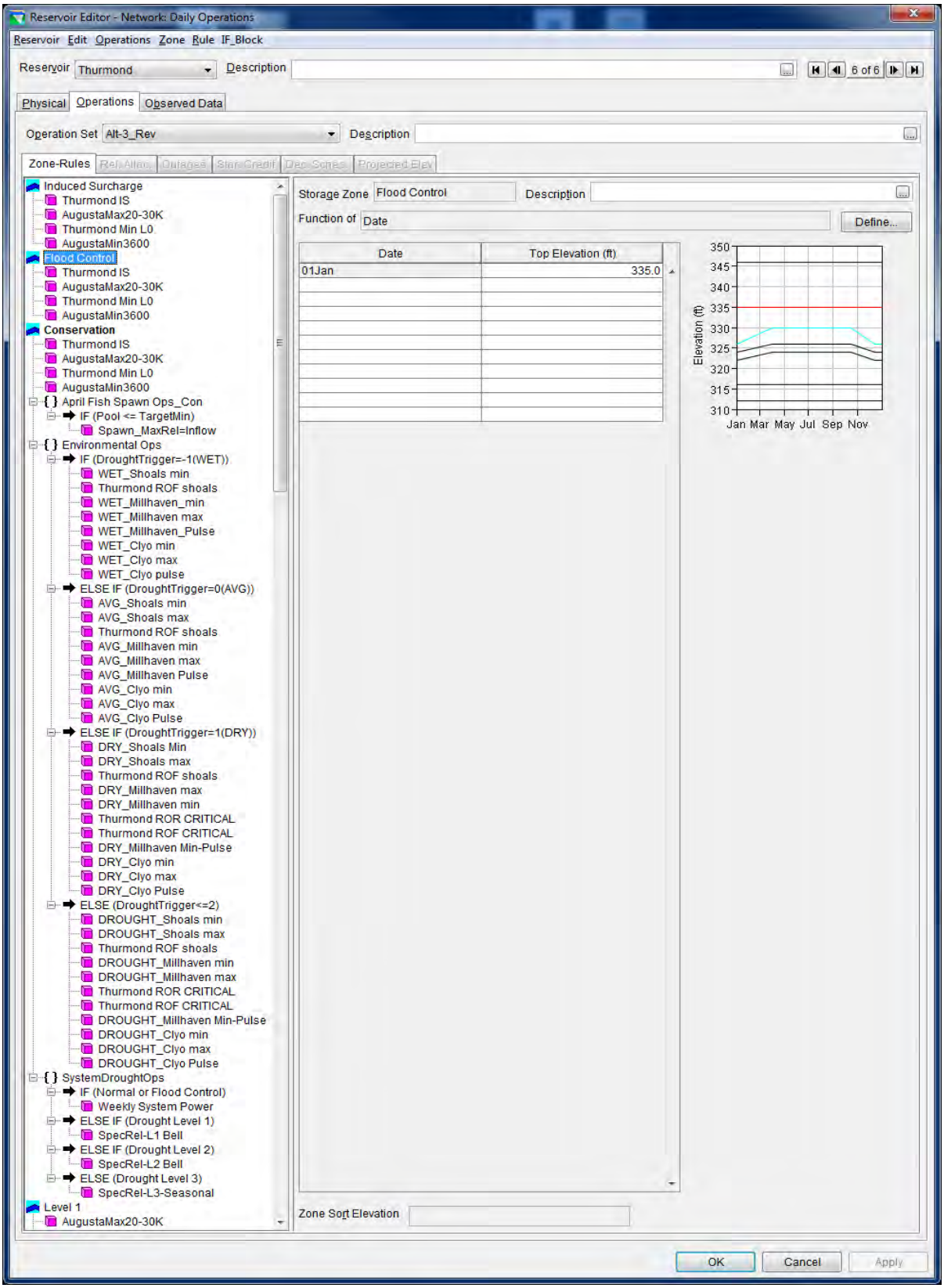


Annex B - Screen 63 (ALT2, Conservation Pool, Augusta Min 3600 cfs Rule)

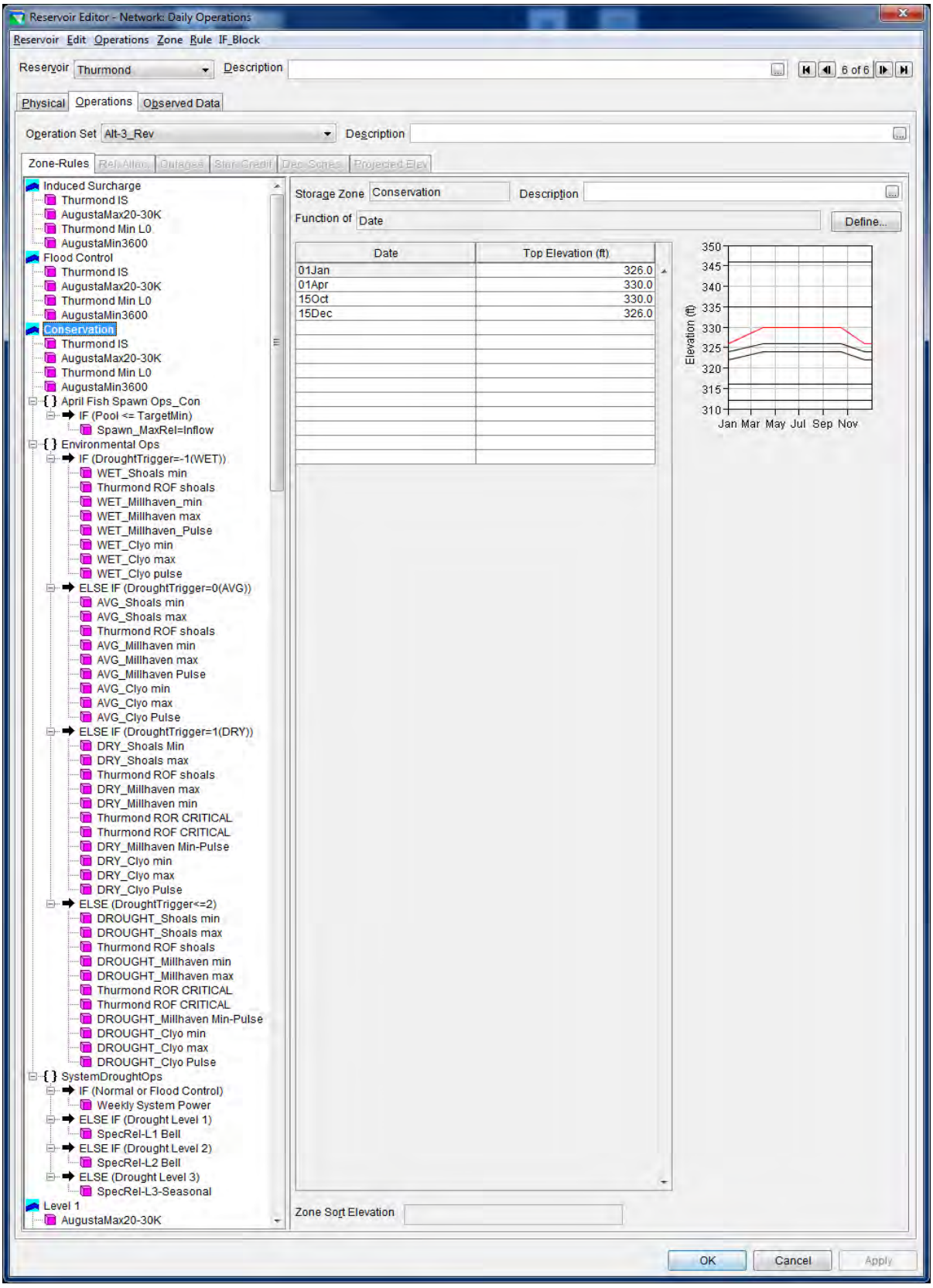
ALT-3



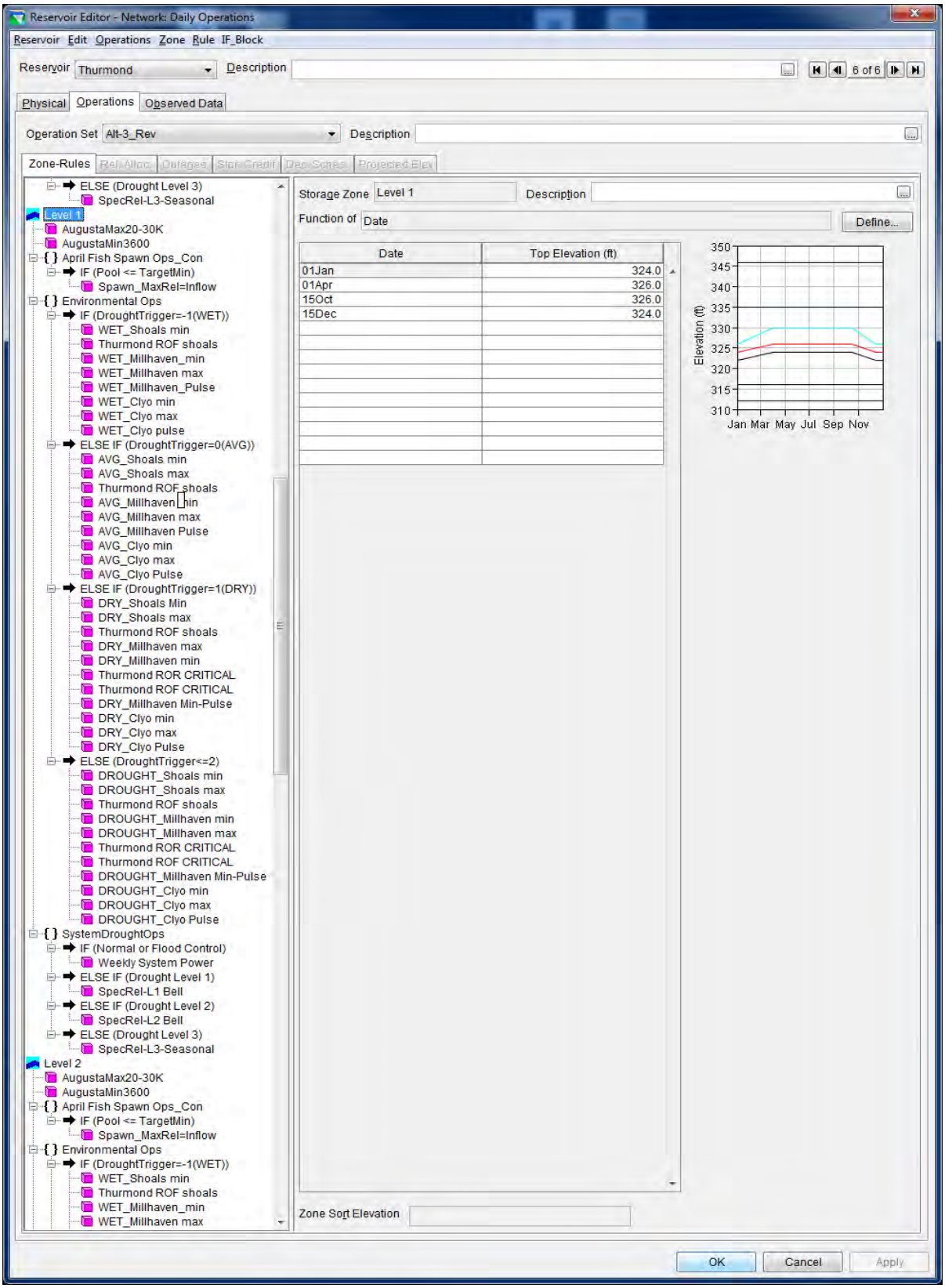
Annex B - Screen 64 (ALT3, Induced Surcharge Pool Rule Stack)



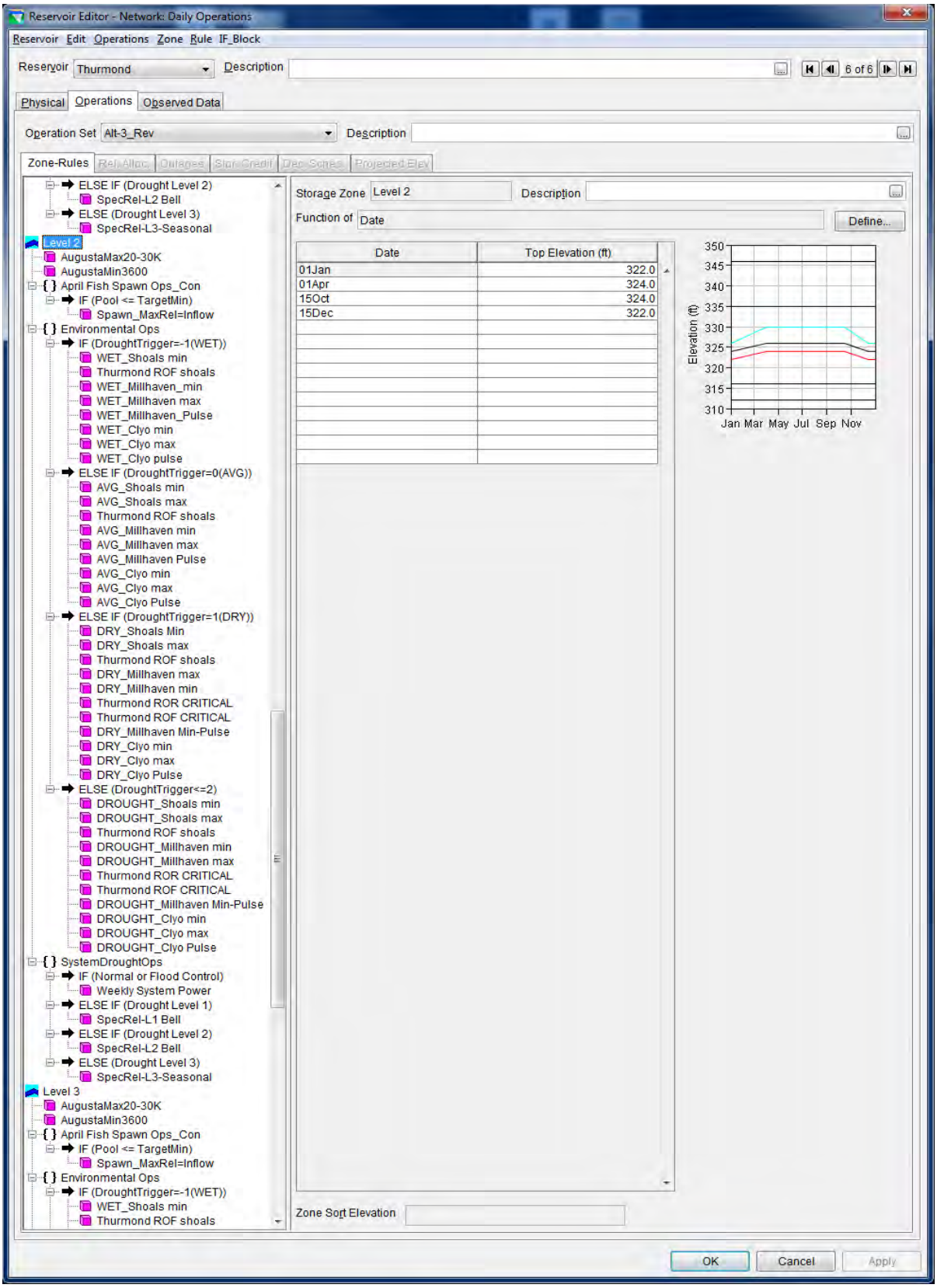
Annex B - Screen 65 (ALT3, Induced Flood Pool Rule Stack)



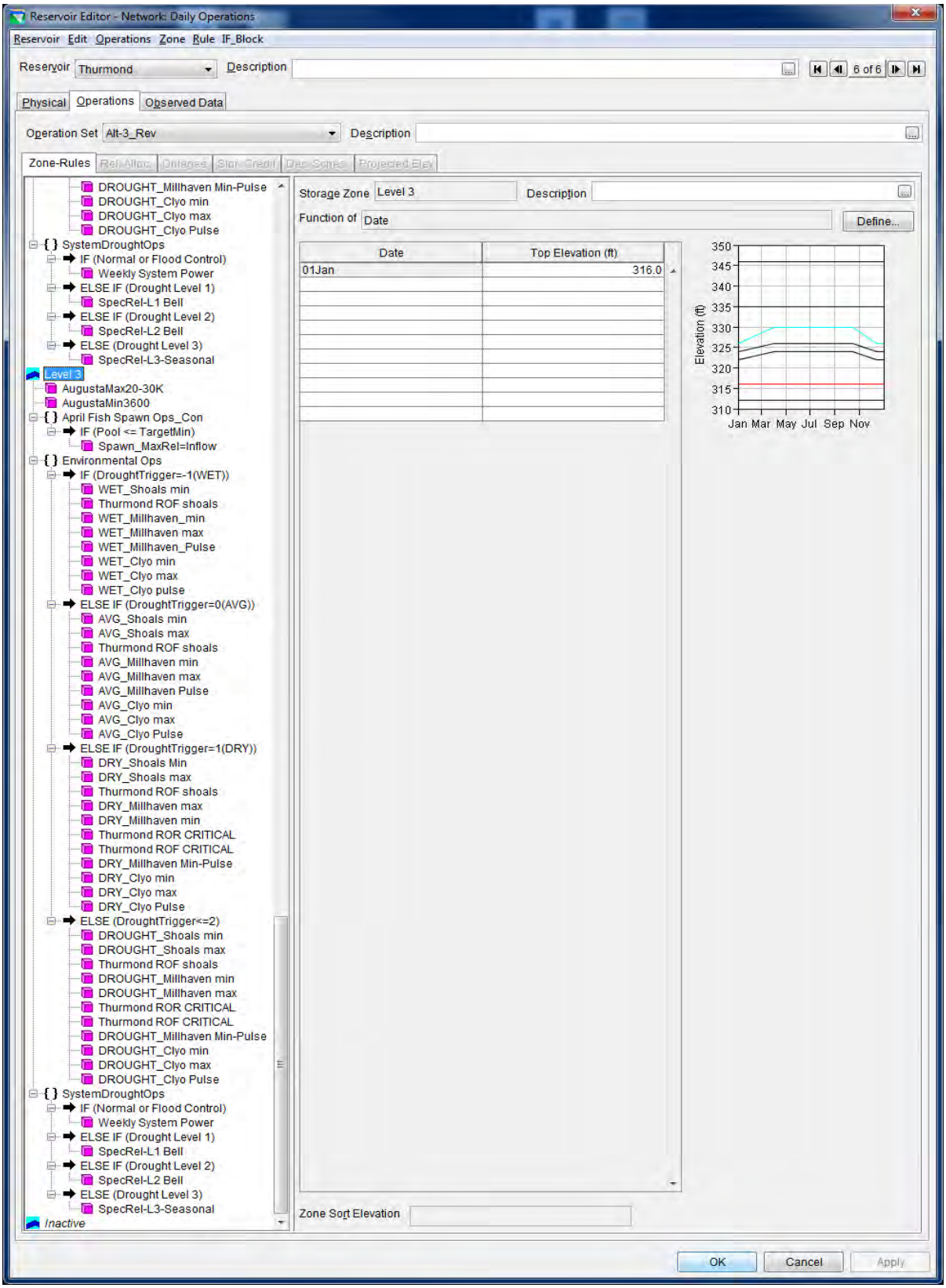
Annex B - Screen 66 (ALT3, Conservation Pool Rule Stack)



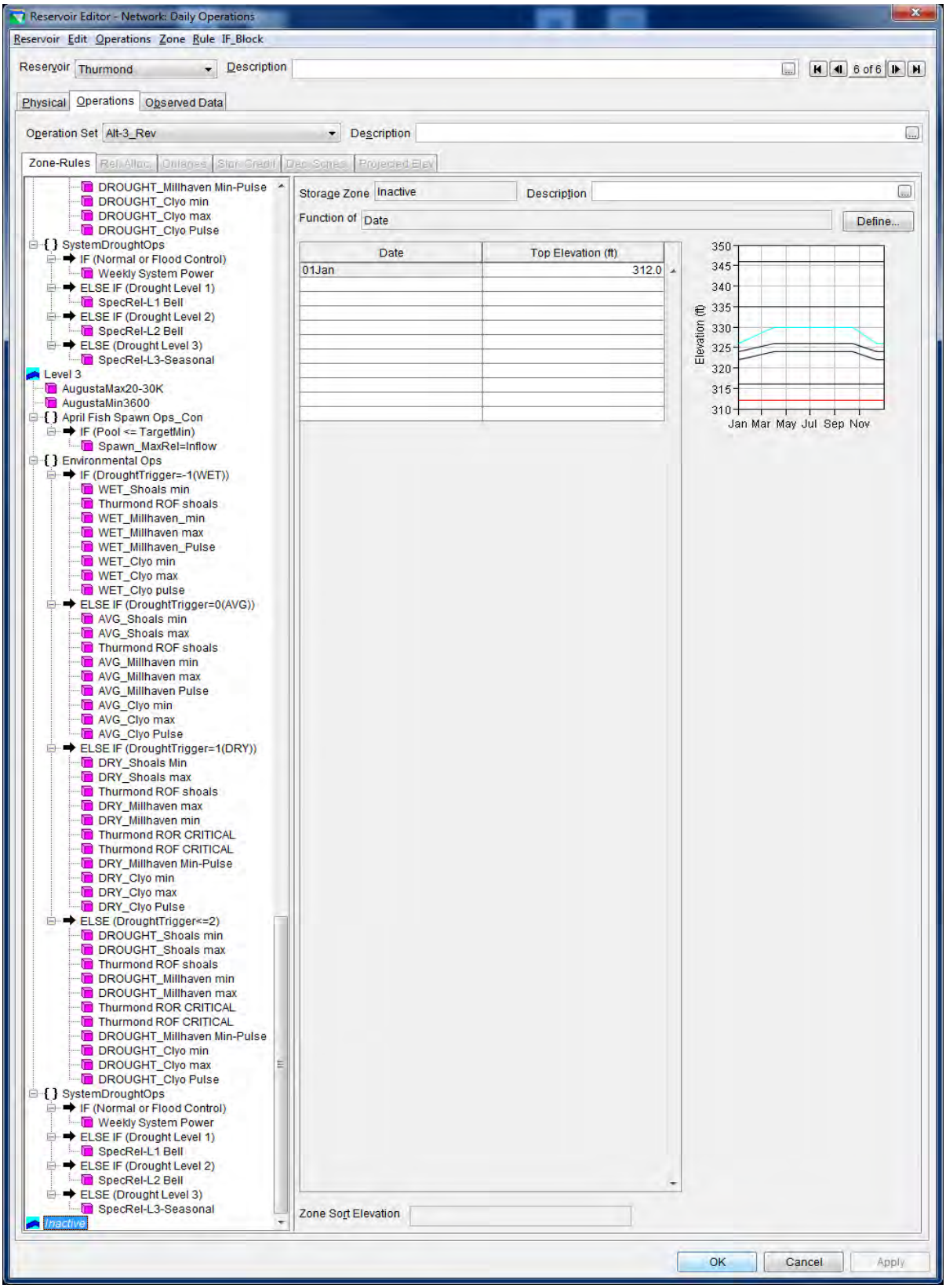
Annex B - Screen 67 (ALT3, Trigger Level 1 Rule Stack)



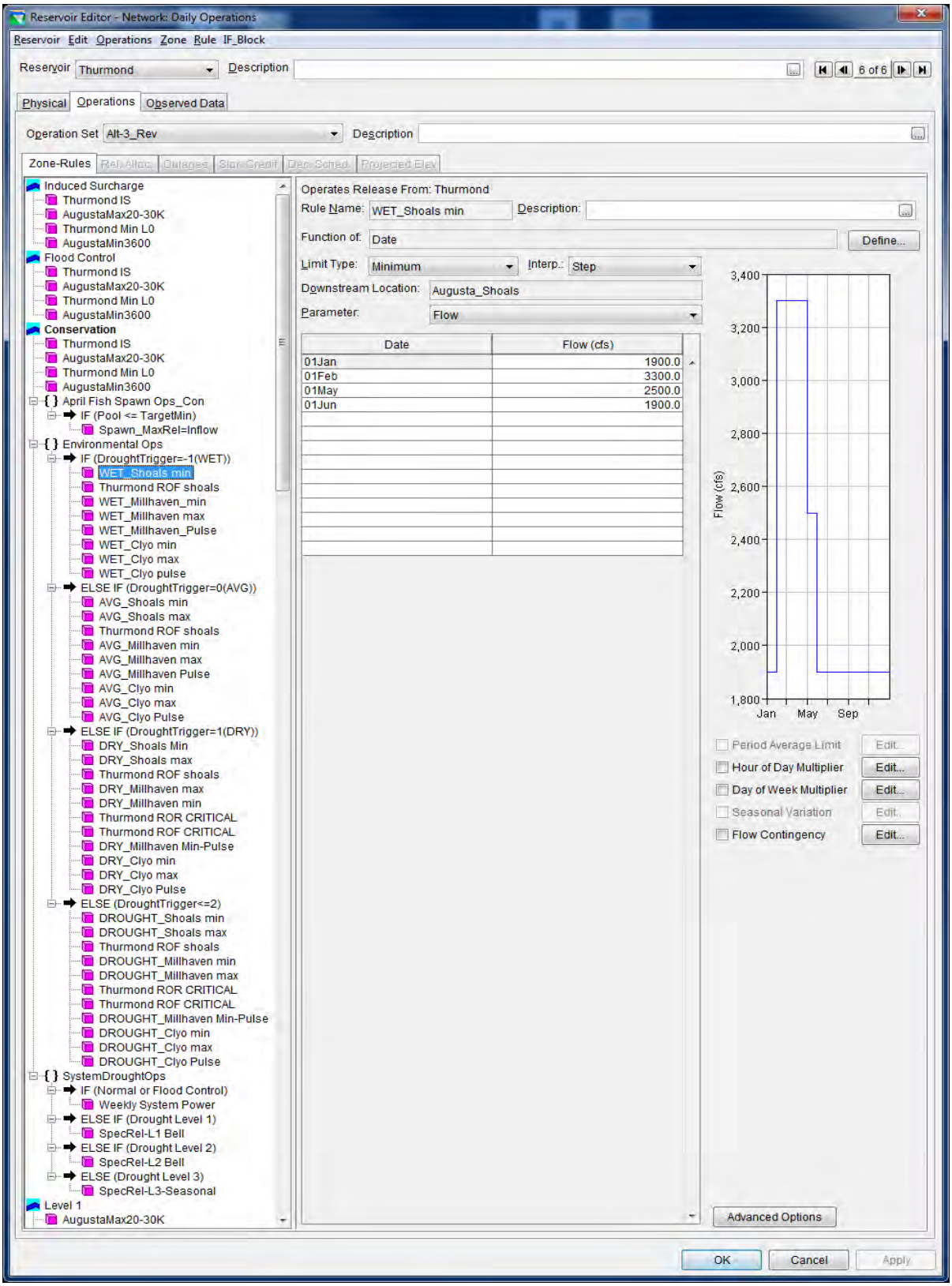
Annex B - Screen 68 (ALT3, Trigger Level 2 Rule Stack)



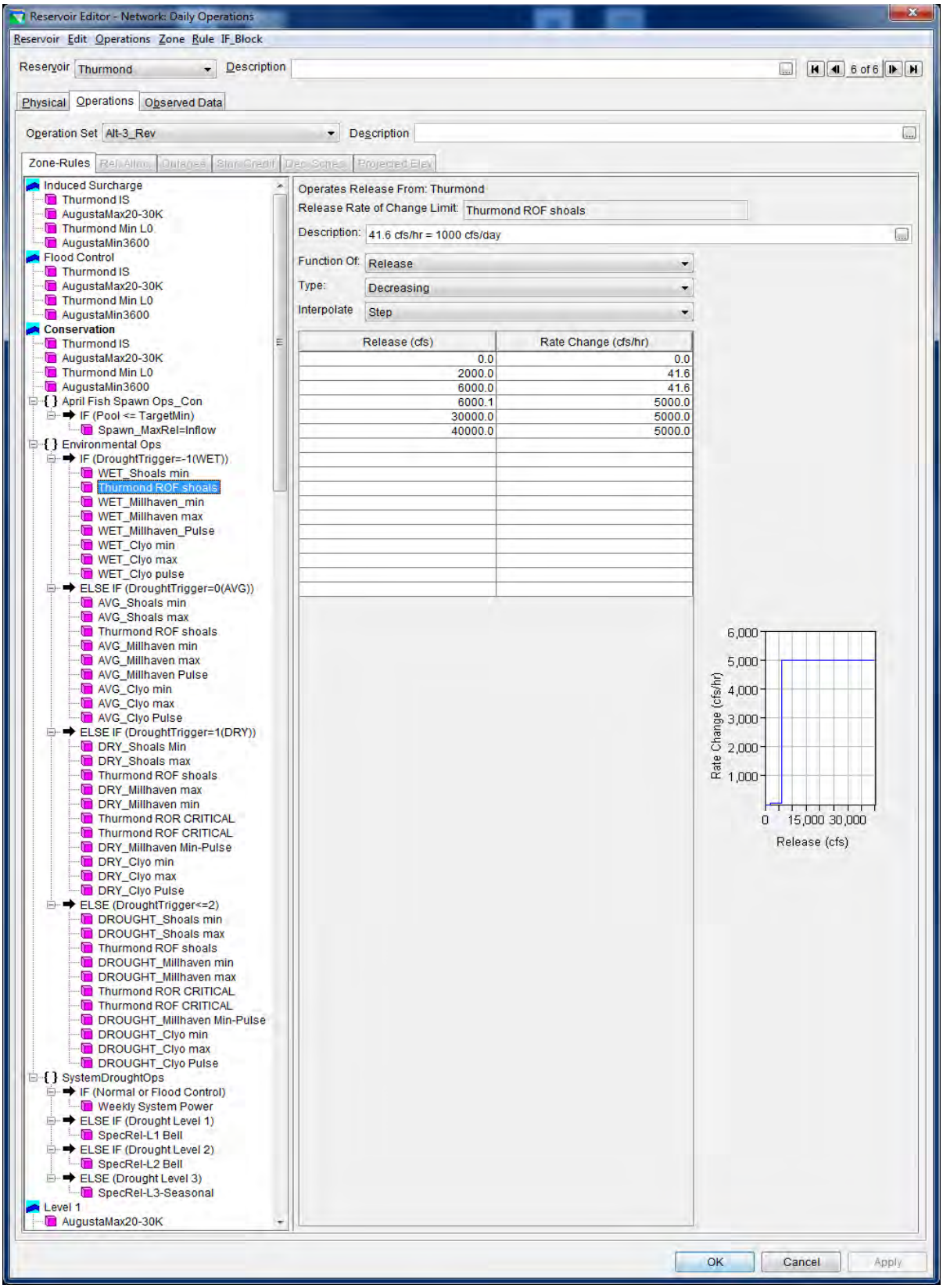
Annex B - Screen 69 (ALT3, Trigger Level 3 Rule Stack)



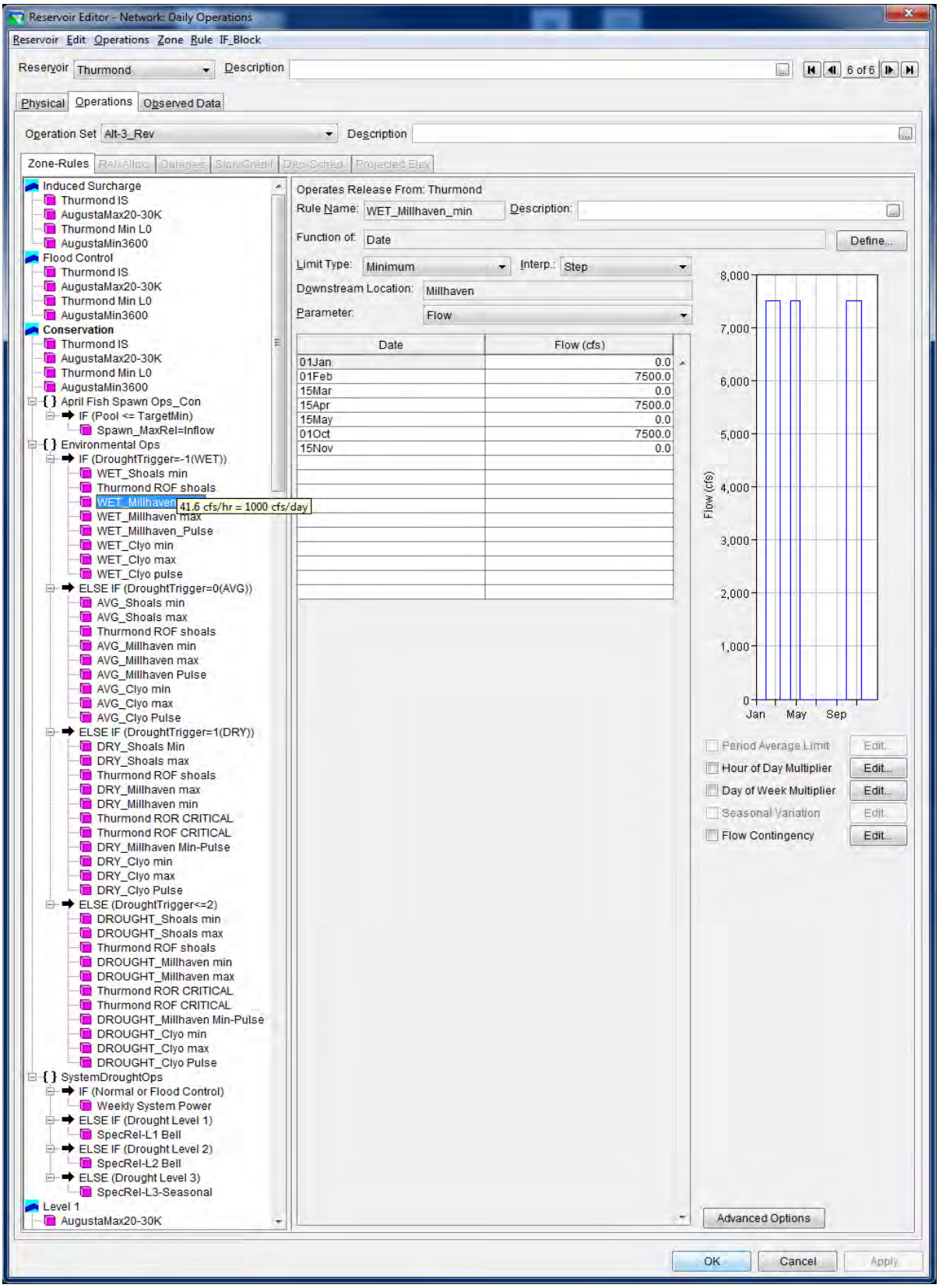
Annex B - Screen 70 (ALT3, Thurmond Inactive Pool Definition)



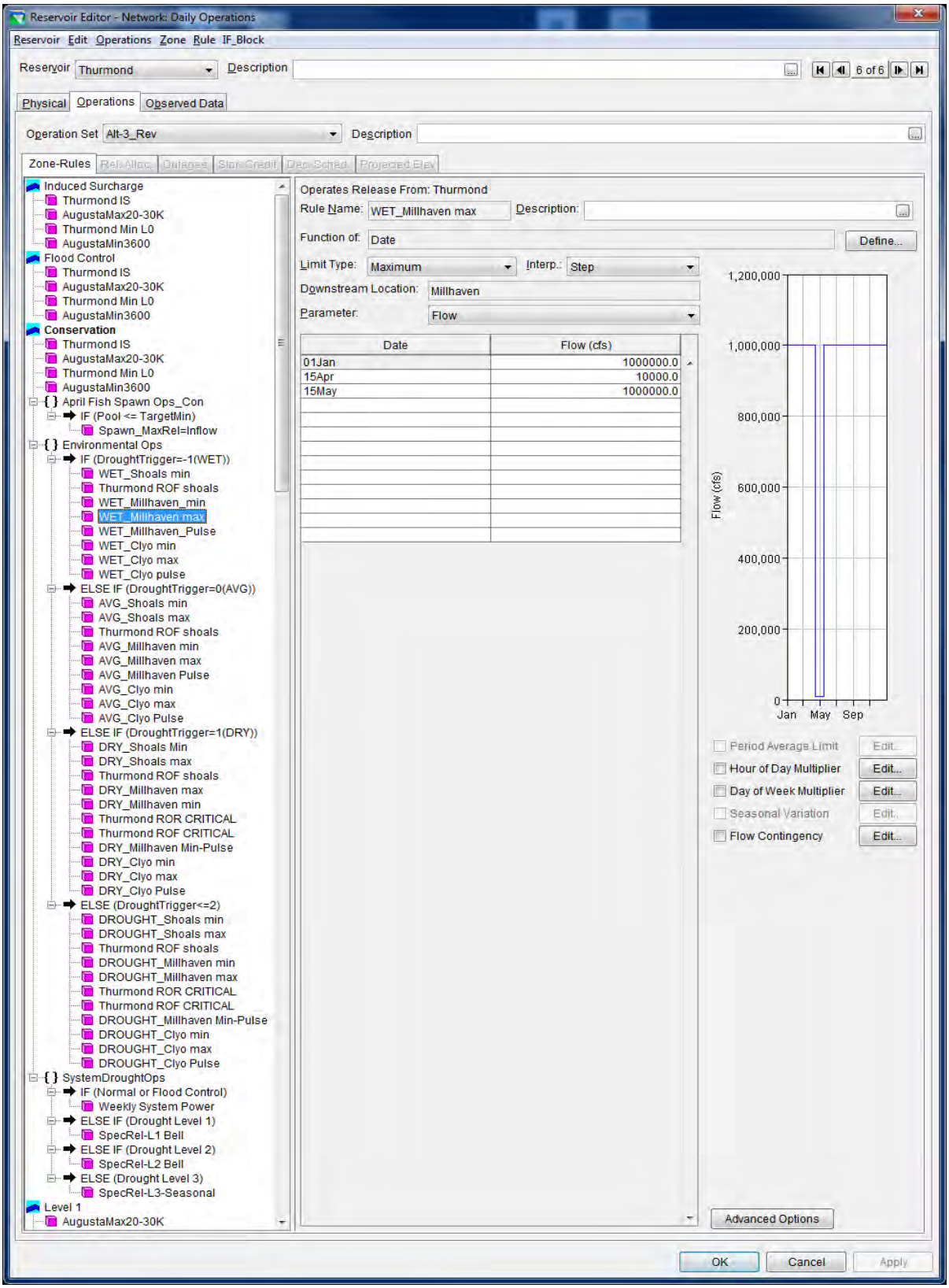
Annex B - Screen 71 (ALT3, Wet Condition, Shoals Minimum Rule)



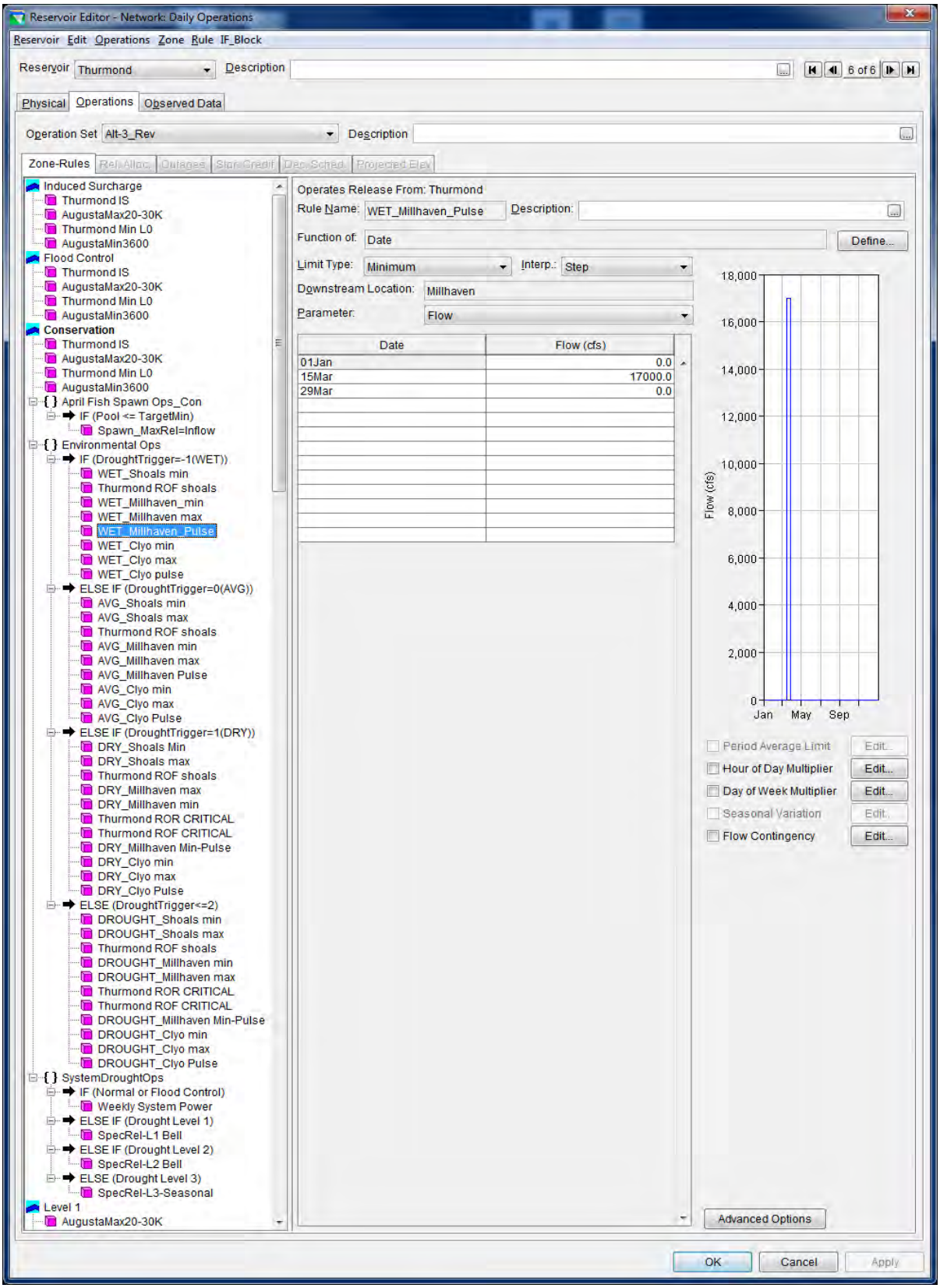
Annex B - Screen 72 (ALT3, Wet Condition, Shoals, Rate of Fall Rule)



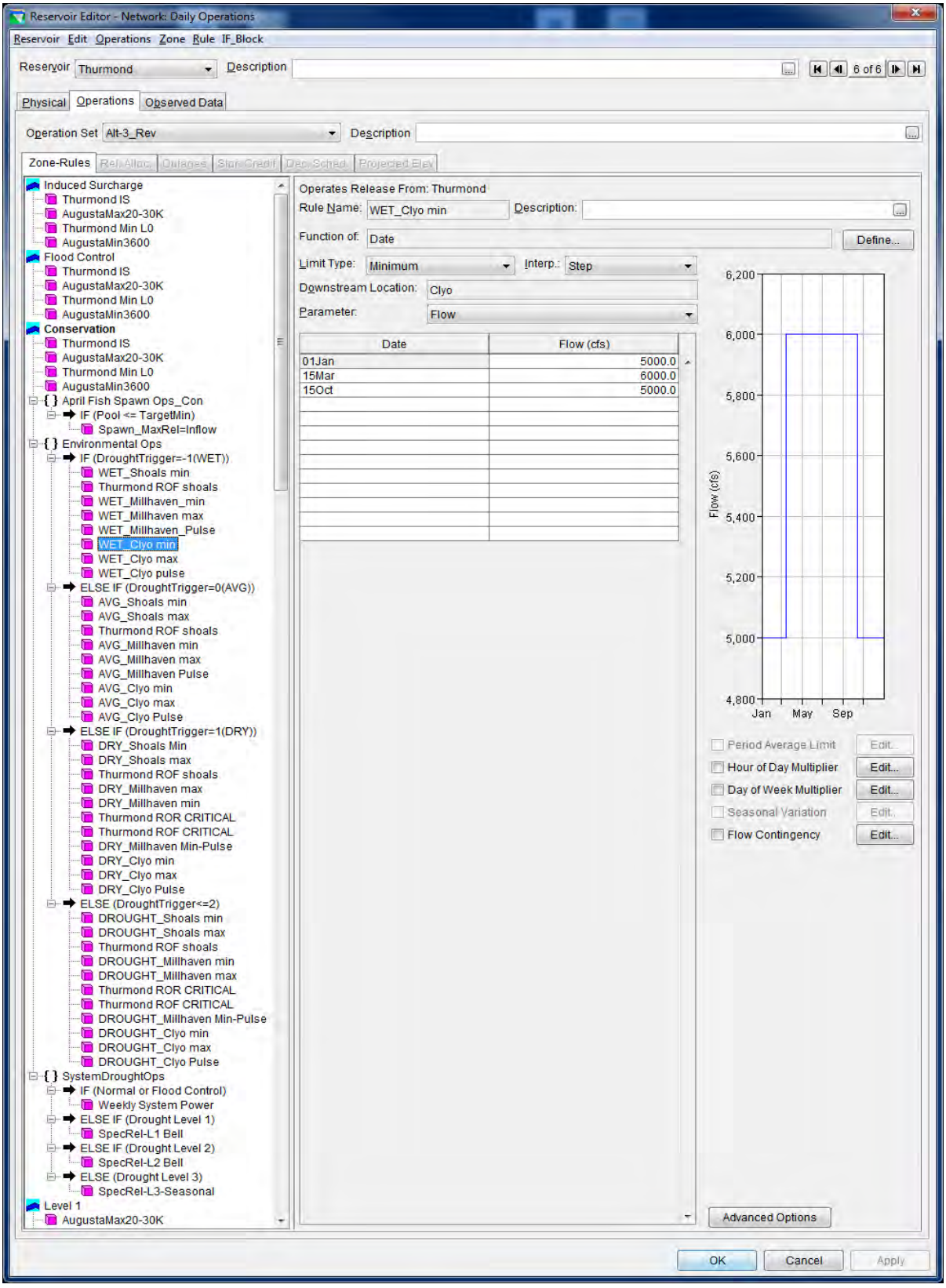
Annex B - Screen 73(ALT3, Wet Condition, Millhaven, Minimum Rule)



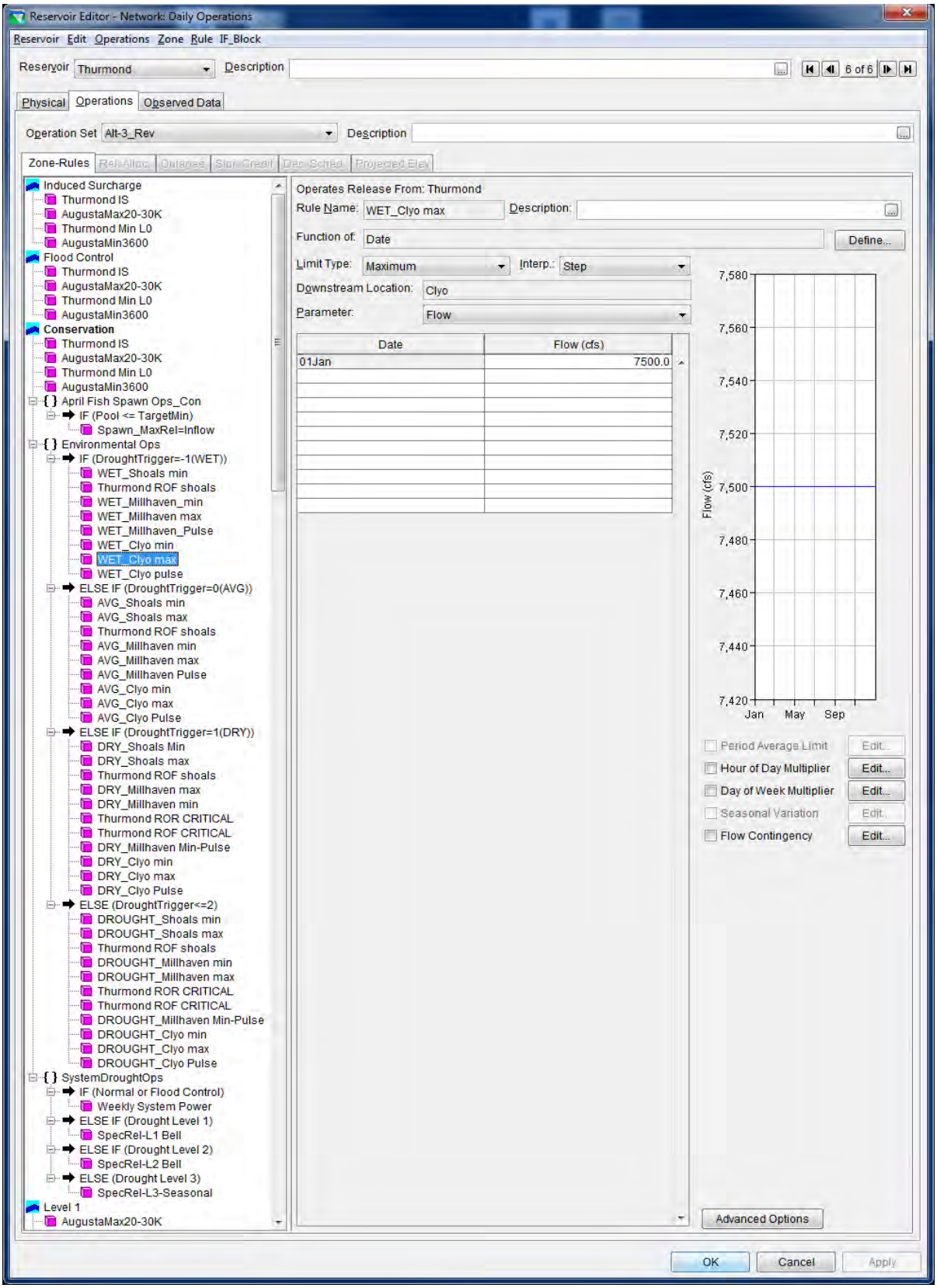
Annex B - Screen 74 (ALT3, Wet Condition, Millhaven, Max Rule)



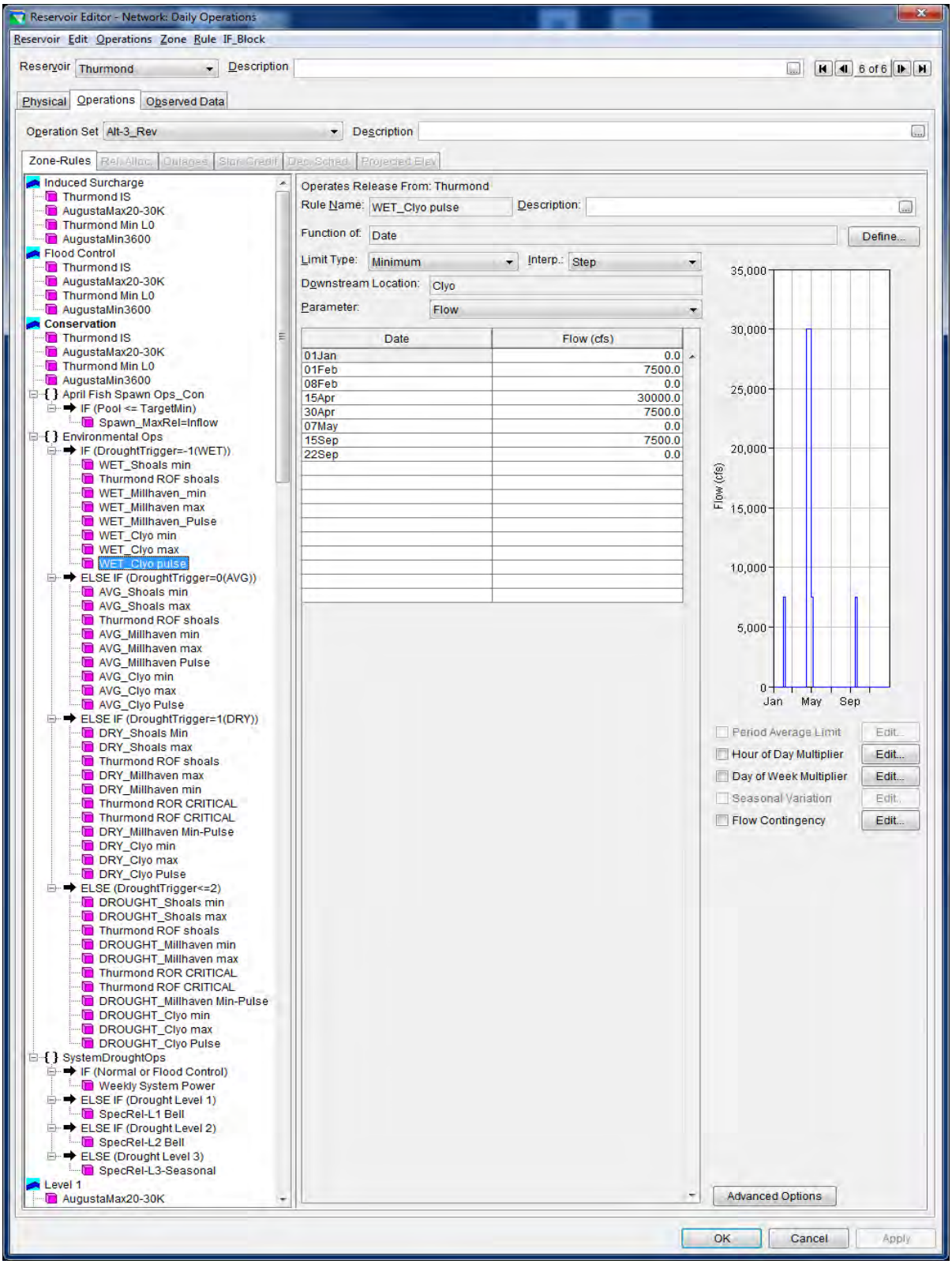
Annex B - Screen 75 (ALT3, Wet Condition, Millhaven, Pulse Rule)



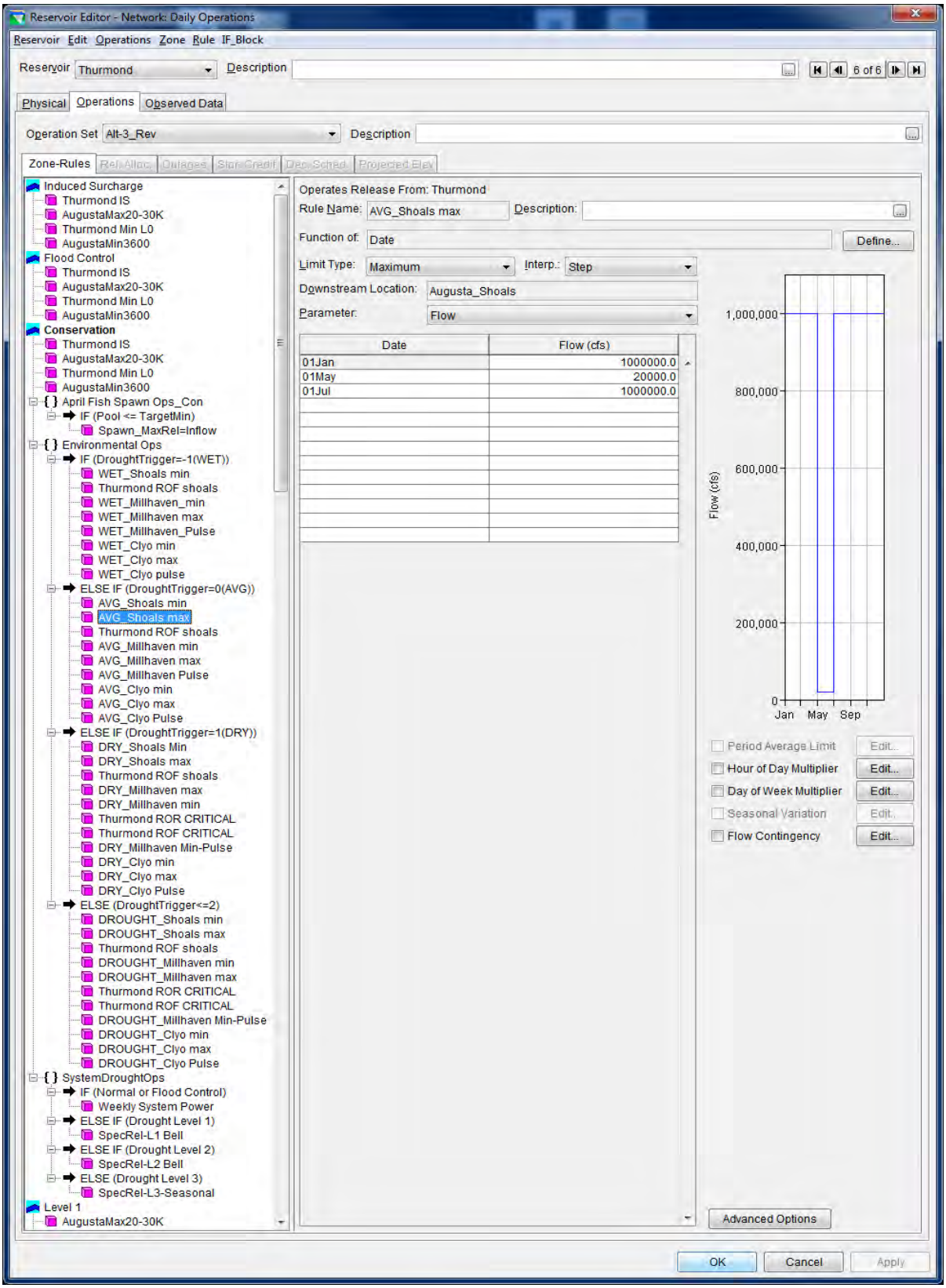
Annex B - Screen 76 (ALT3, Wet Condition, Clyo, Min Rule)



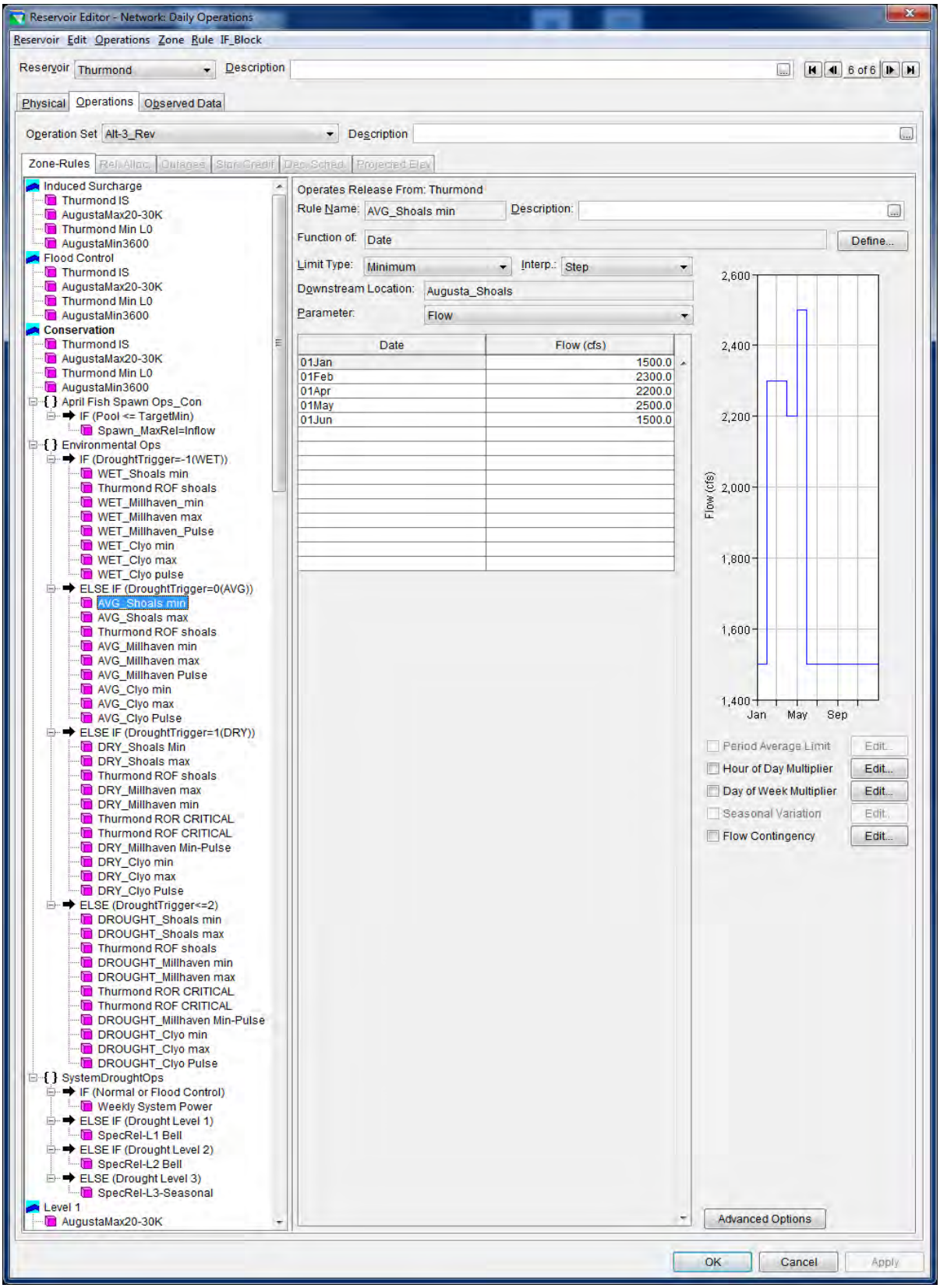
Annex B - Screen 77 (ALT3, Wet Condition, Clyo Max Rule)



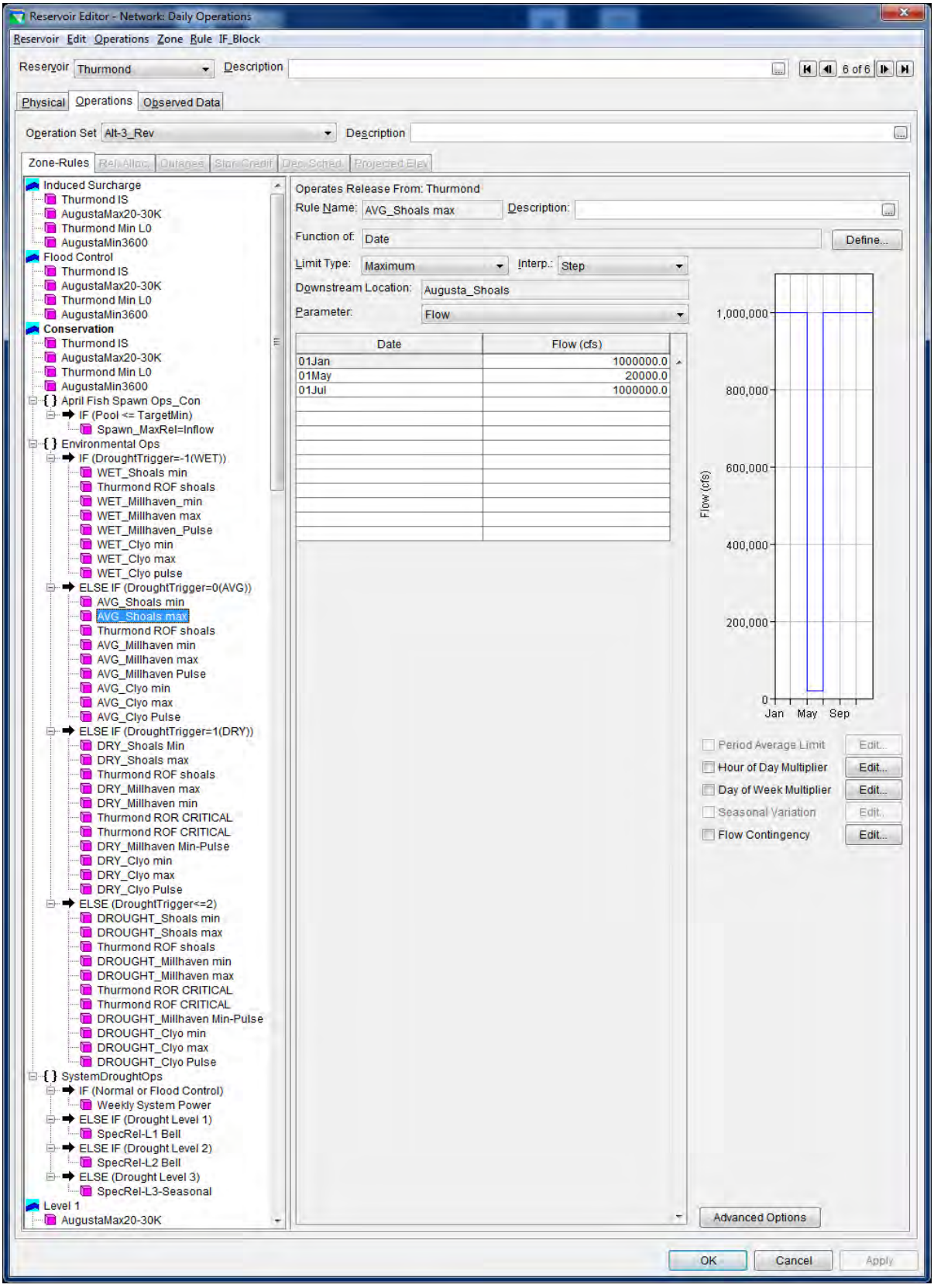
Annex B - Screen 78 (ALT3, Wet Condition, Clyo, Pulse Rule)



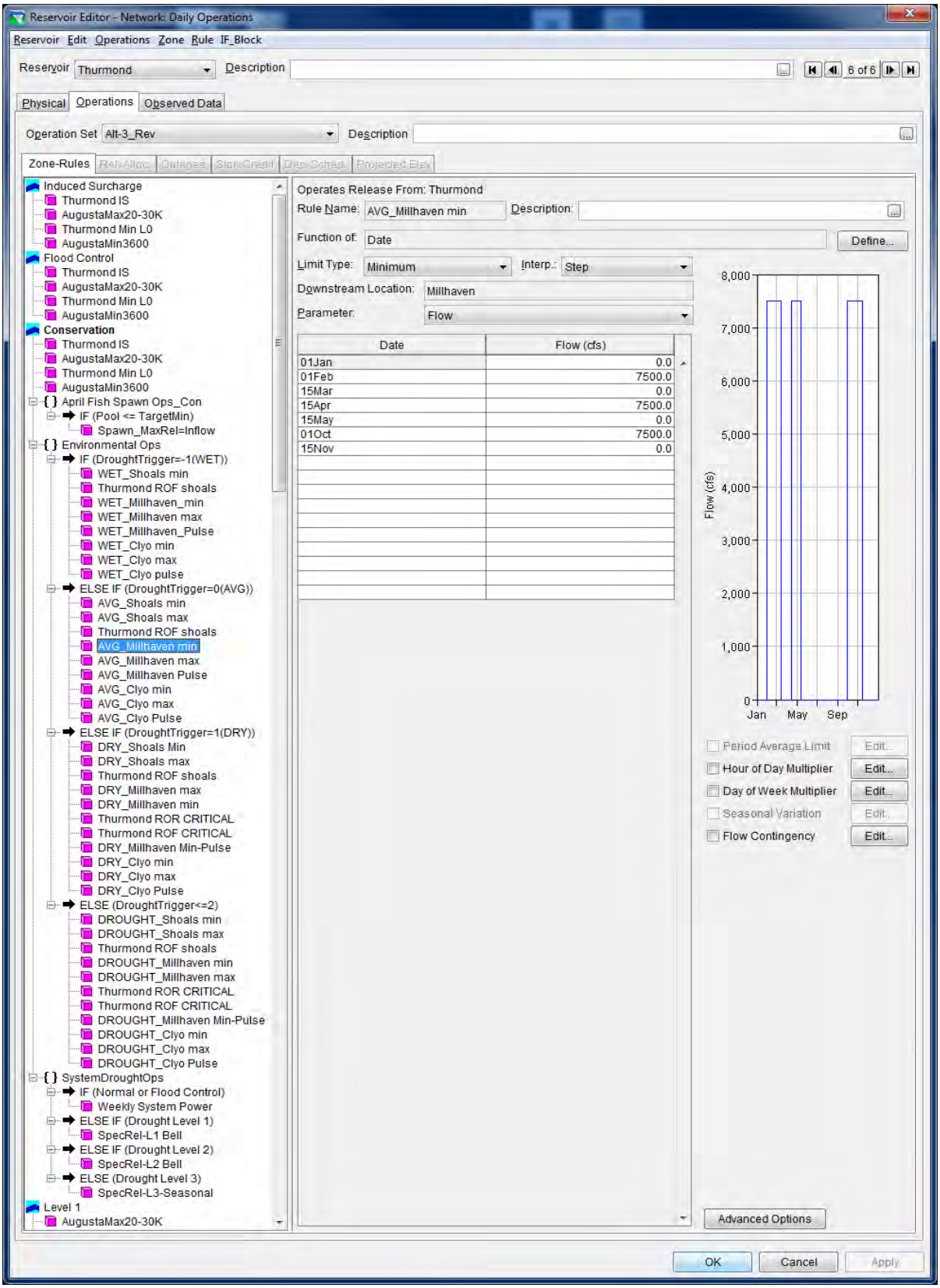
Annex B - Screen 79 (ALT3, Average Condition, Shoals, Max Rule)



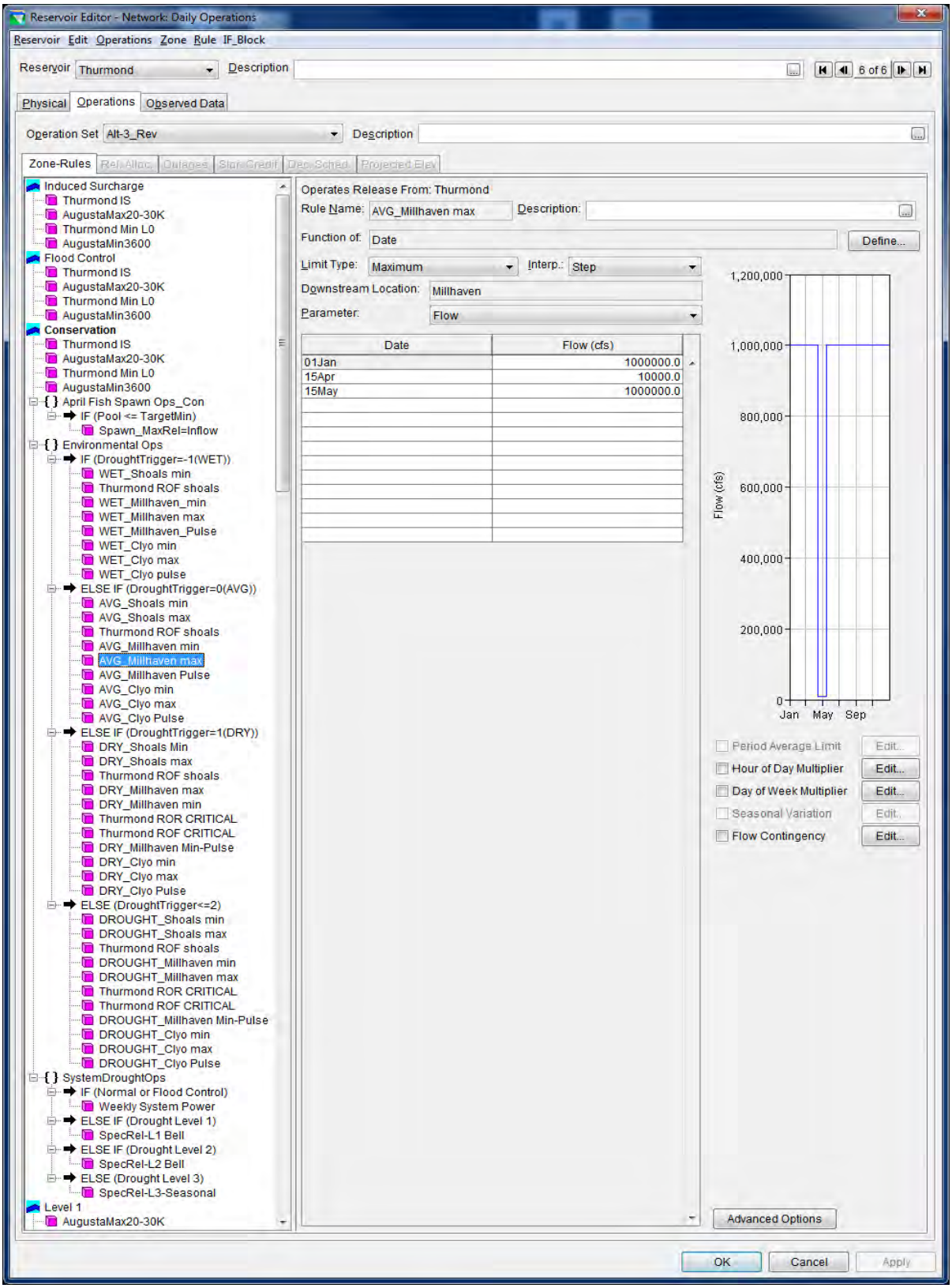
Annex B - Screen 80 (ALT3, Average Condition, Shoals, Min Rule)



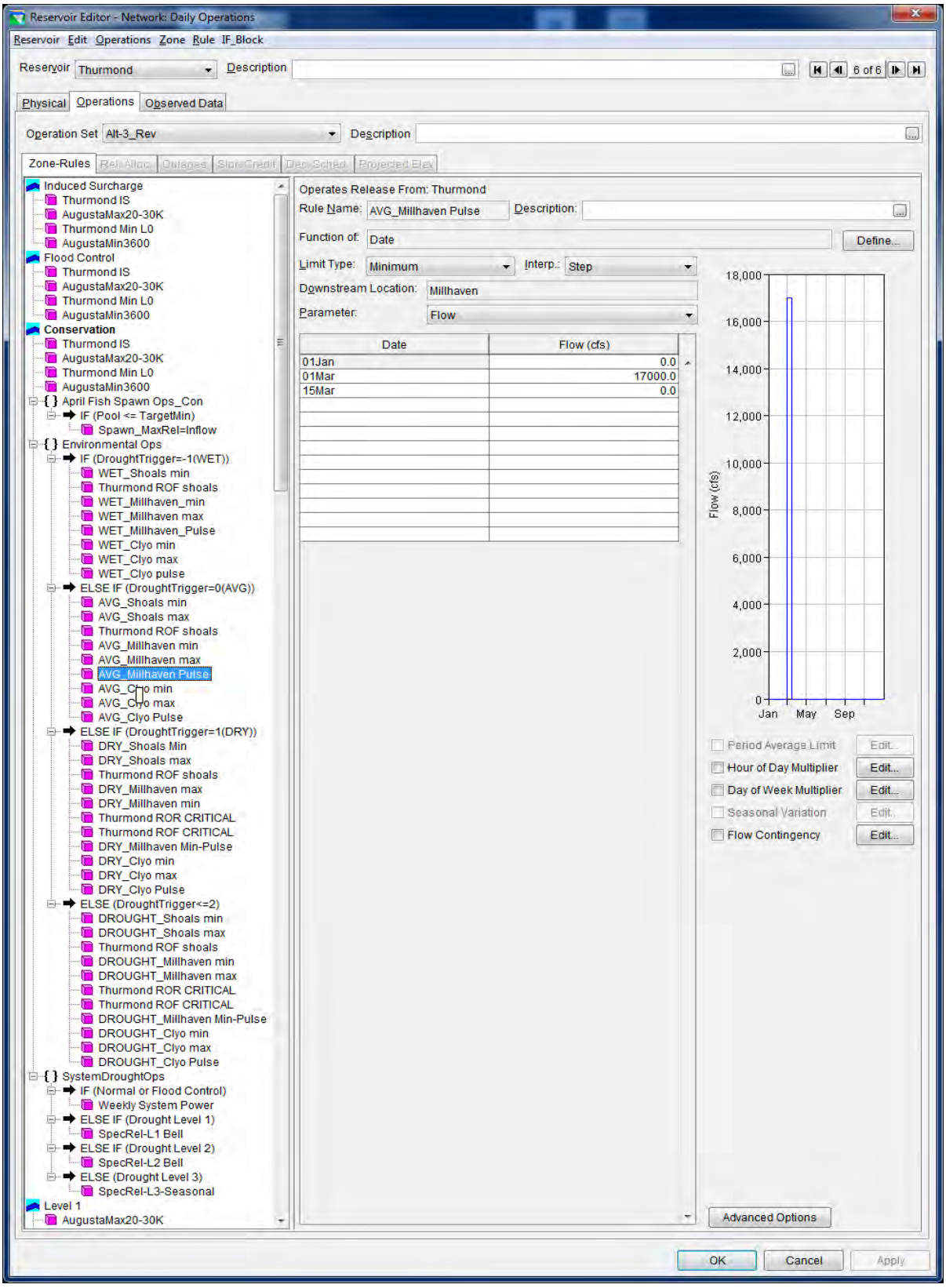
Annex B - Screen 81 (ALT3, Average Condition, Shoals, Max Rule)



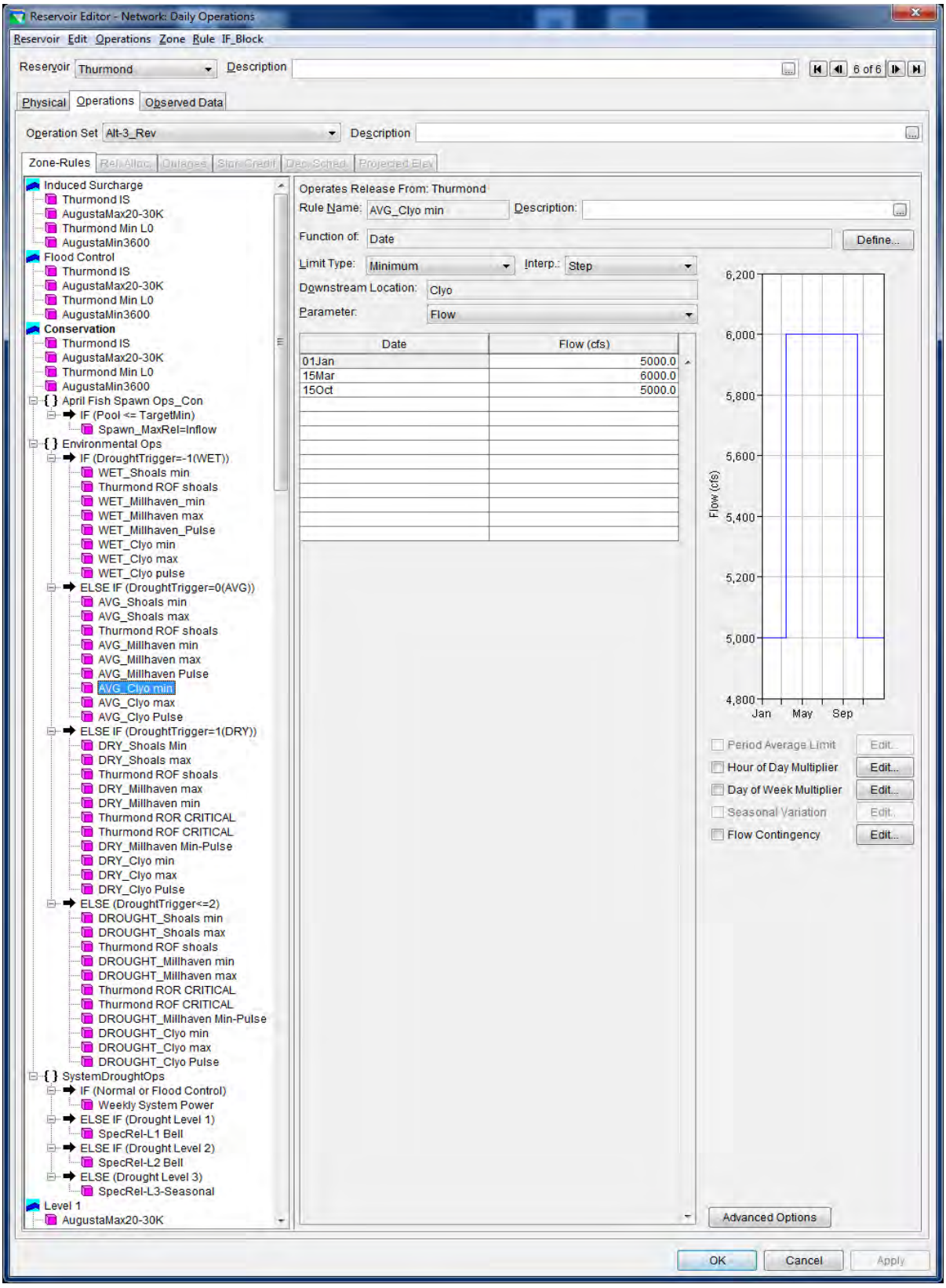
Annex B - Screen 82 (ALT3, Average Condition, Millhaven, Mix Rule)



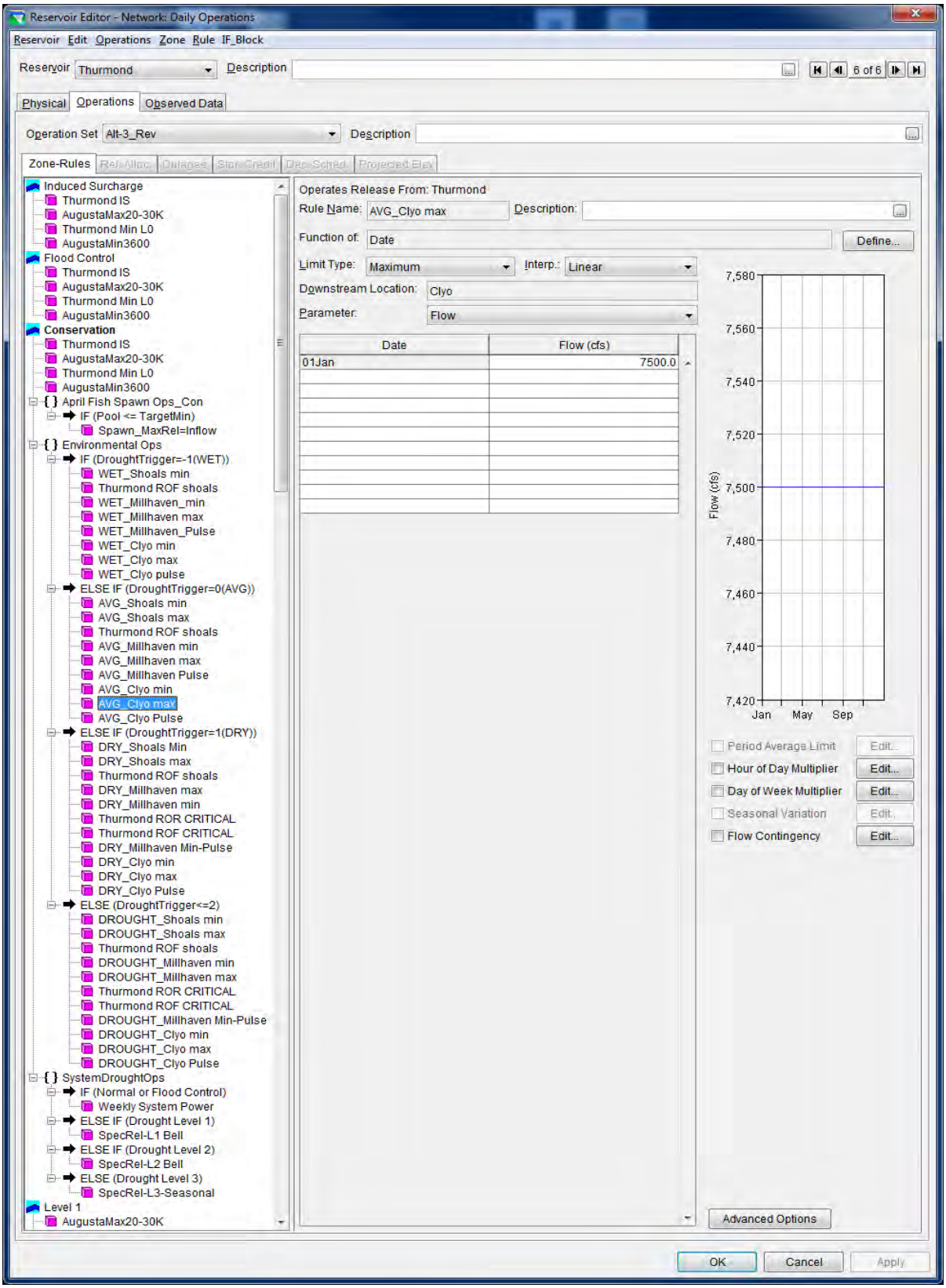
Annex B - Screen 83 (ALT3, Average Condition, Millhaven, Max Rule)



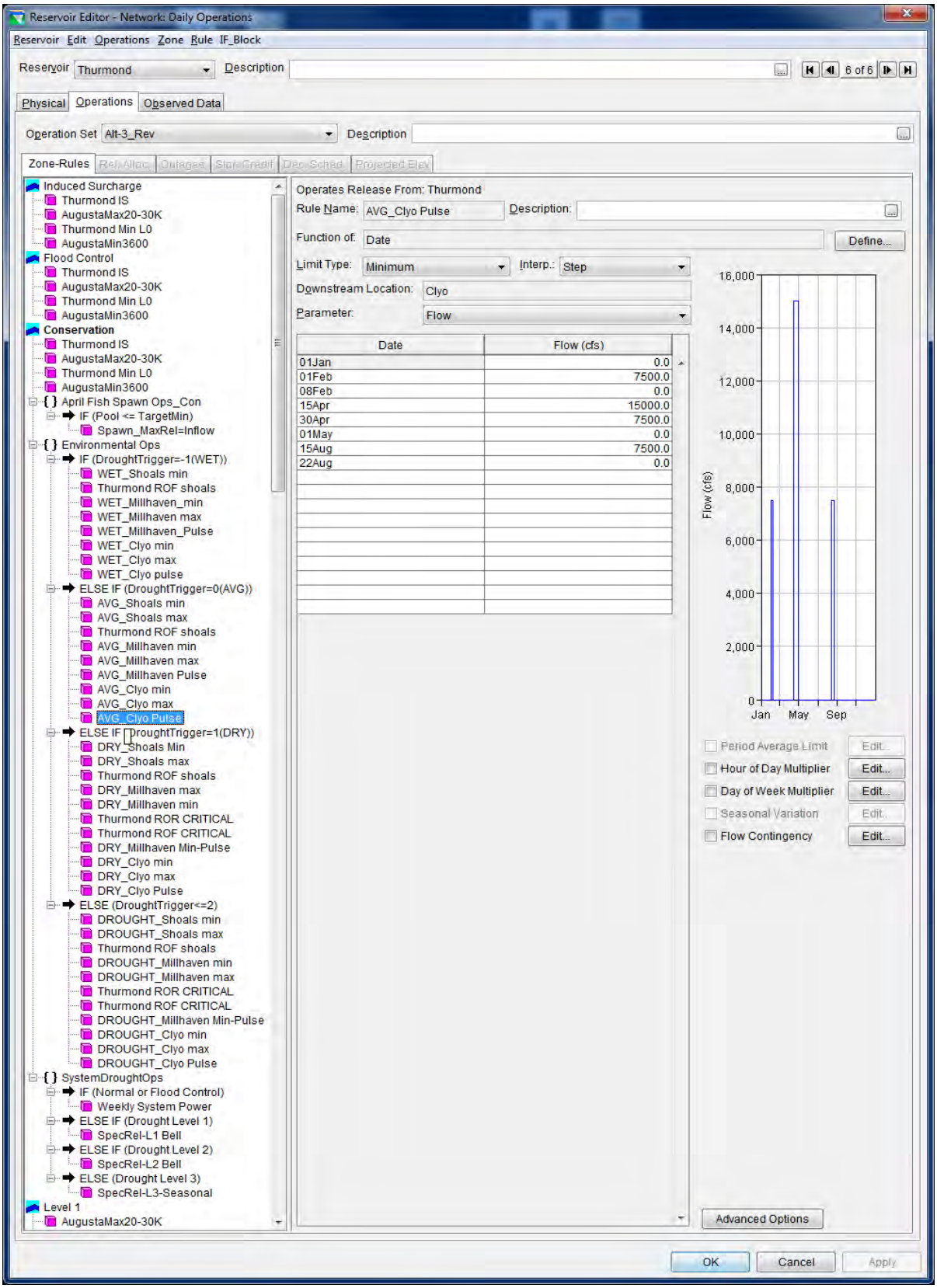
Annex B - Screen 84 (ALT3, Average Condition, Millhaven, Pulse Rule)



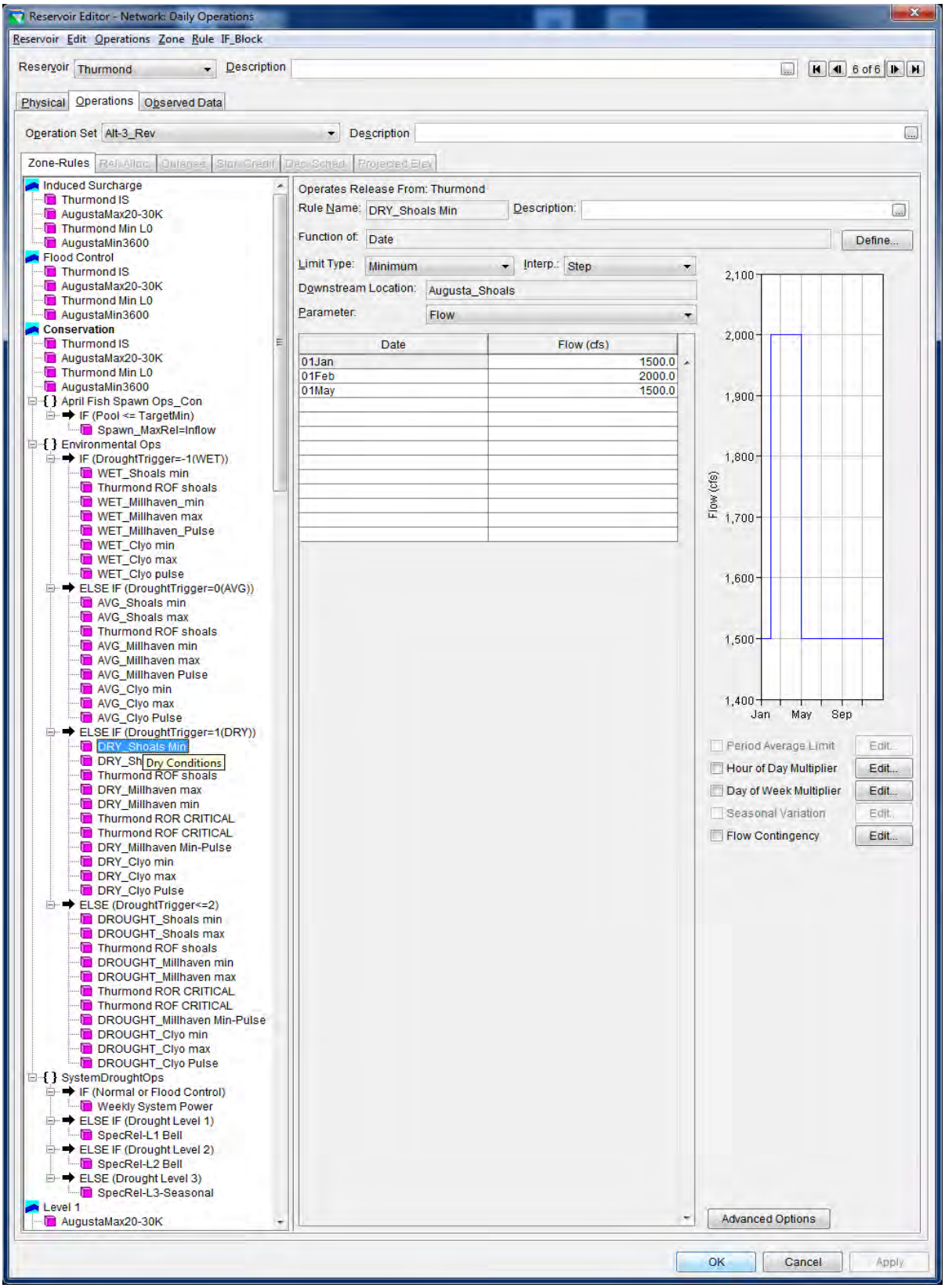
Annex B - Screen 85 (ALT3, Average Condition, Clyo, Min Rule)



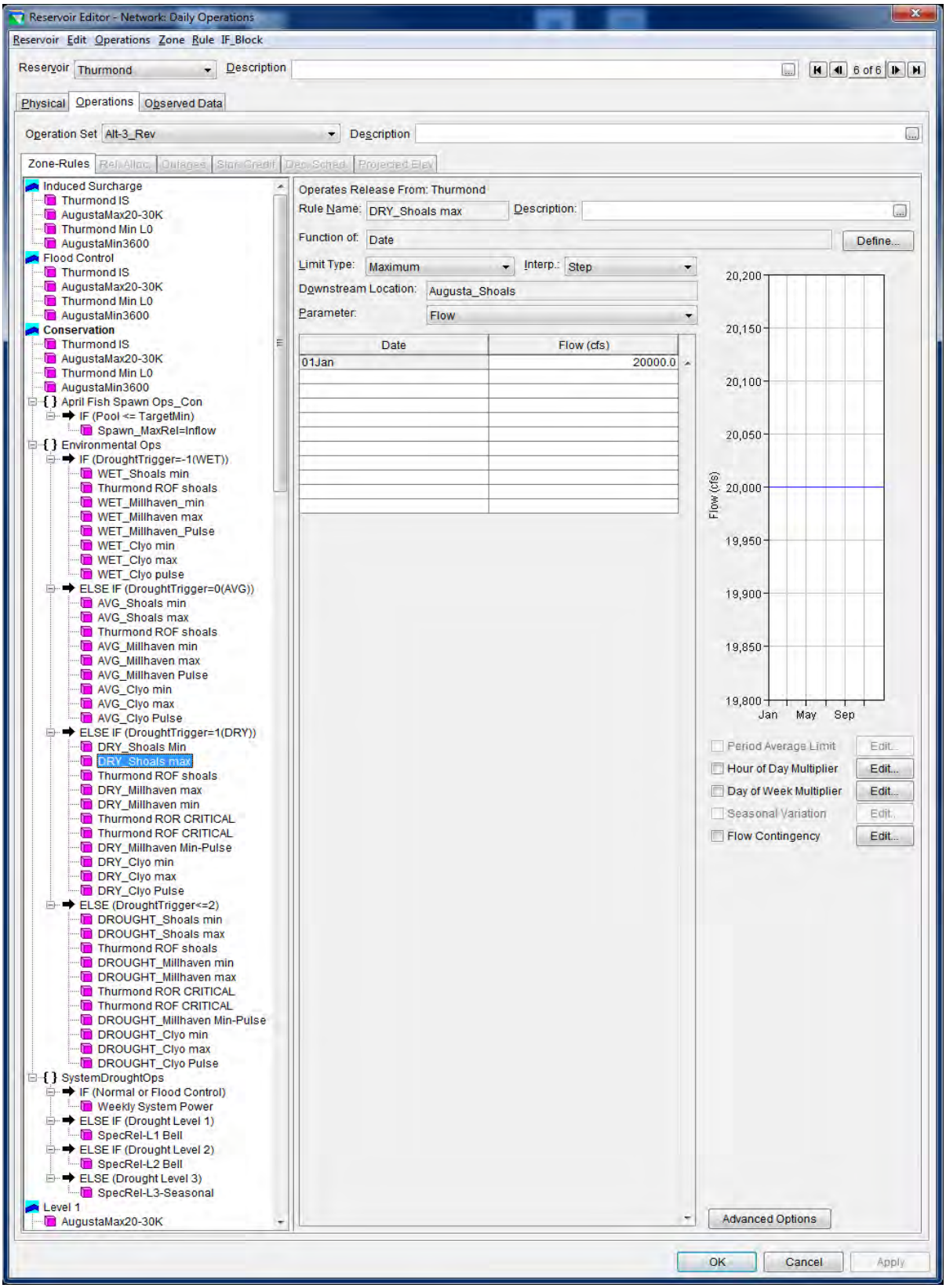
Annex B - Screen 86 (ALT3, Average Condition, Clyo, Man Rule)



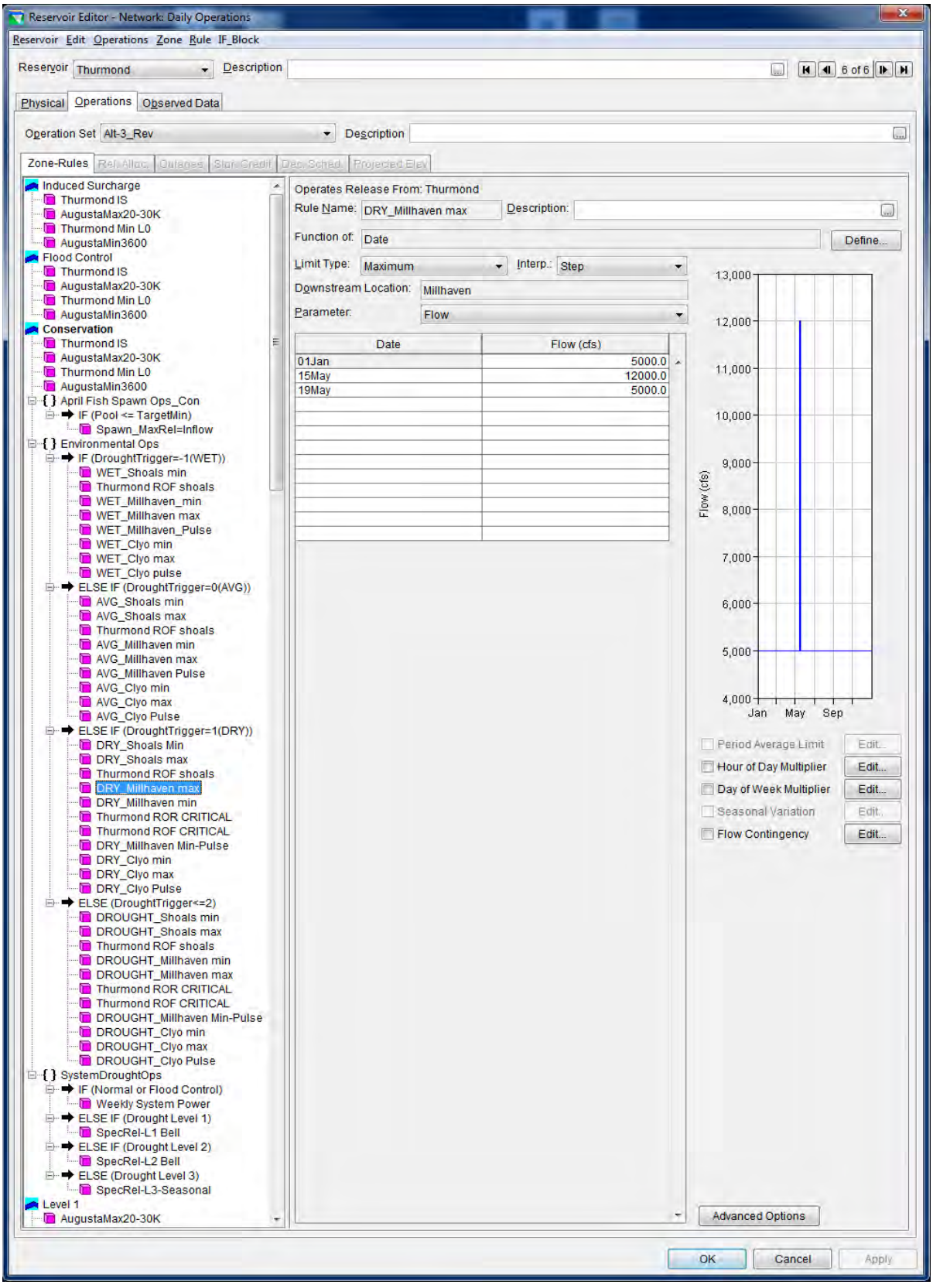
Annex B - Screen 87 (ALT3, Average Condition, Clyo, Pulse Rule)



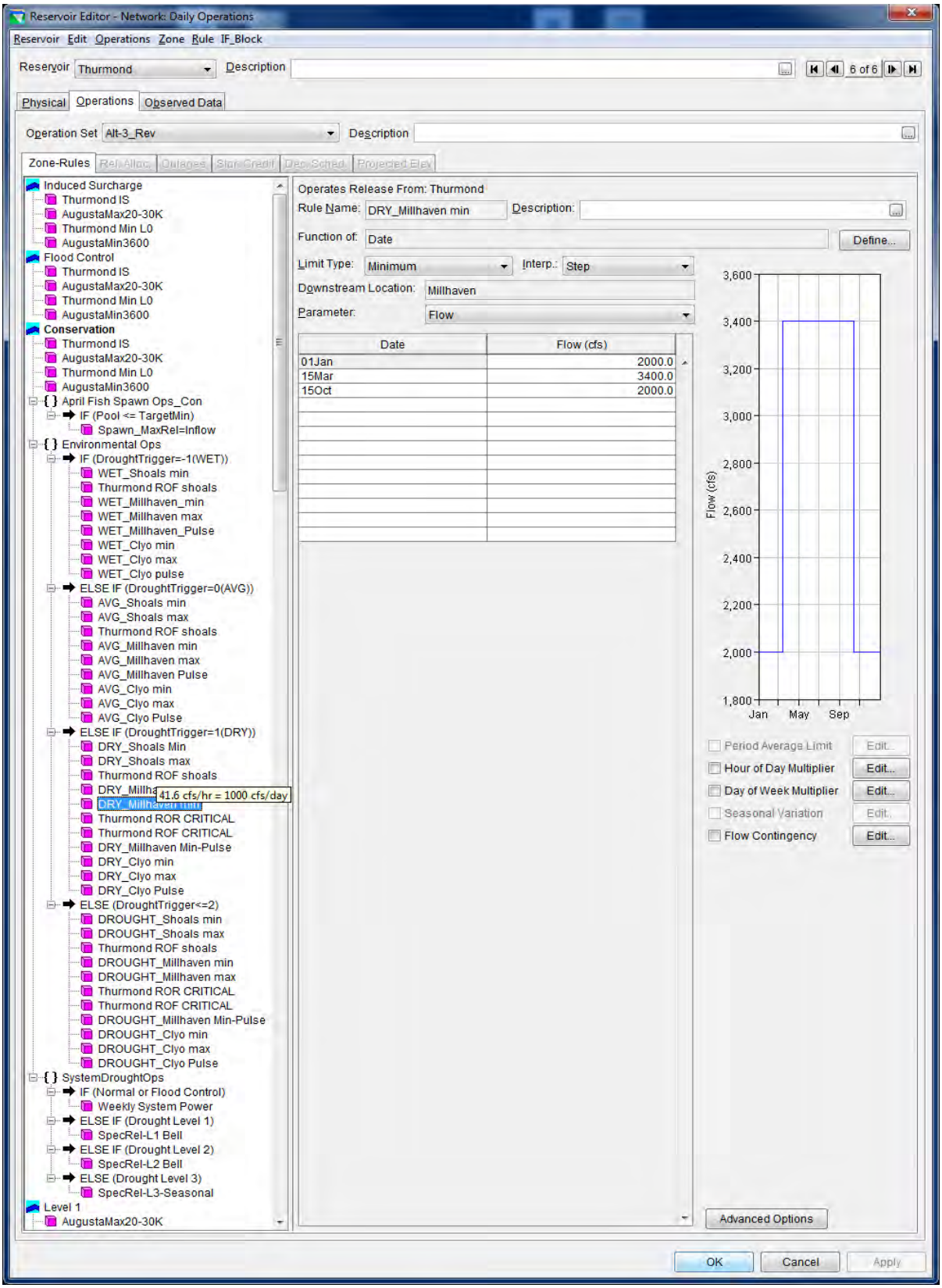
Annex B - Screen 88 (ALT3, Dry Condition, Shoals, Min Rule)



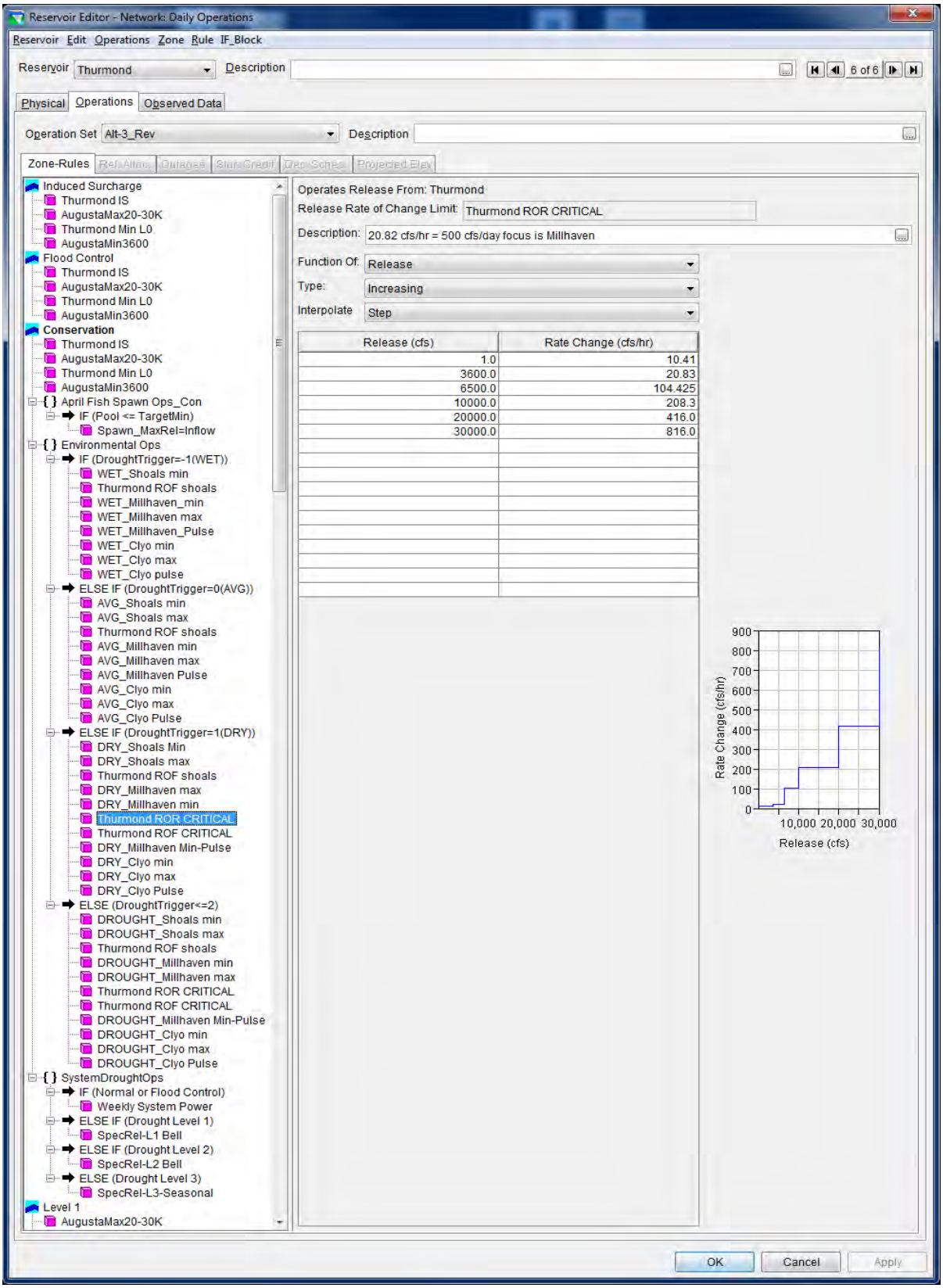
Annex B - Screen 89 (ALT3, Dry Condition, Shoals, Max Rule)



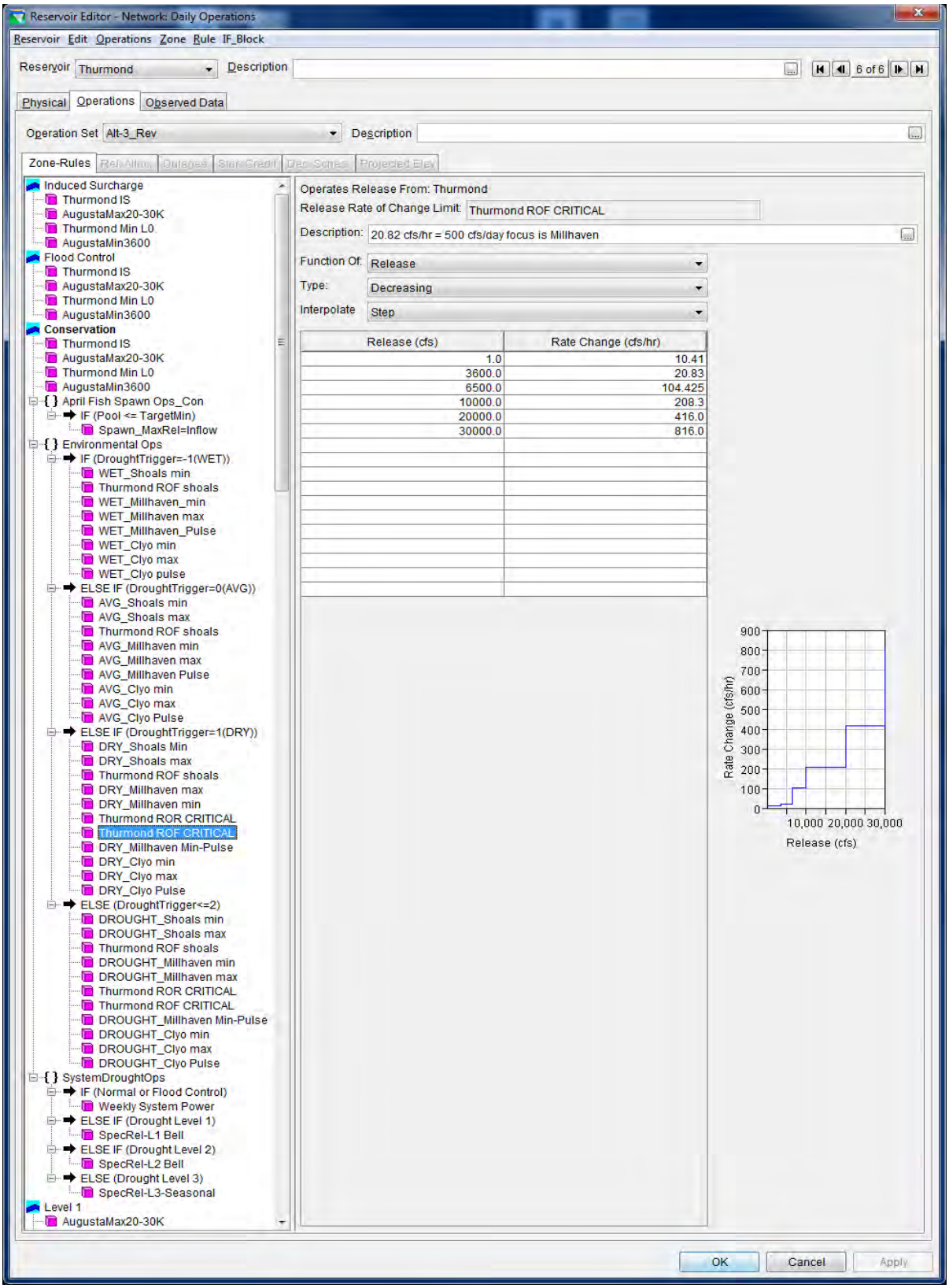
Annex B - Screen 90 (ALT3, Dry Condition, Millhaven, Max Rule)



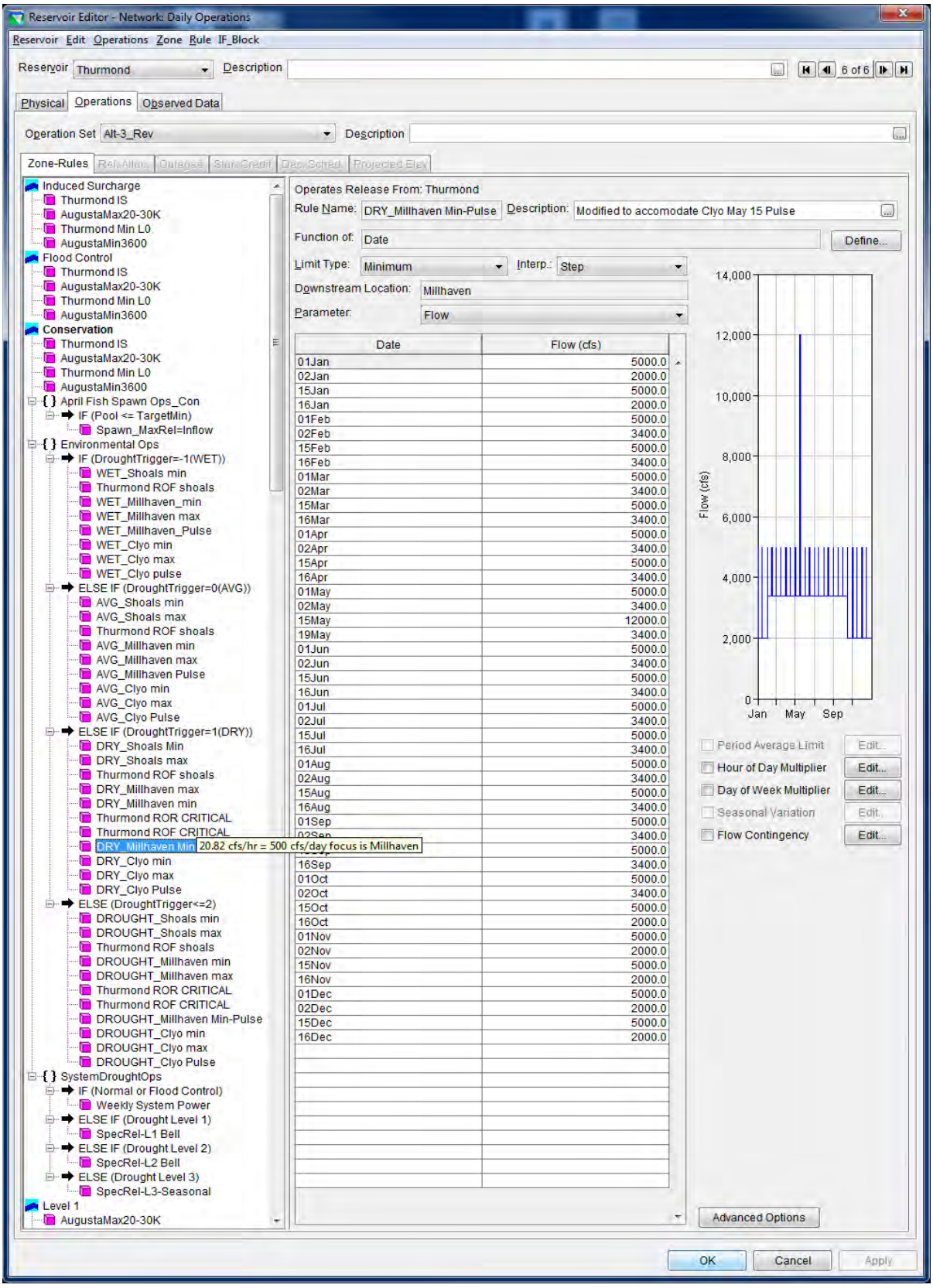
Annex B - Screen 91 (ALT3, Dry Condition, Millhaven, Min Rule)



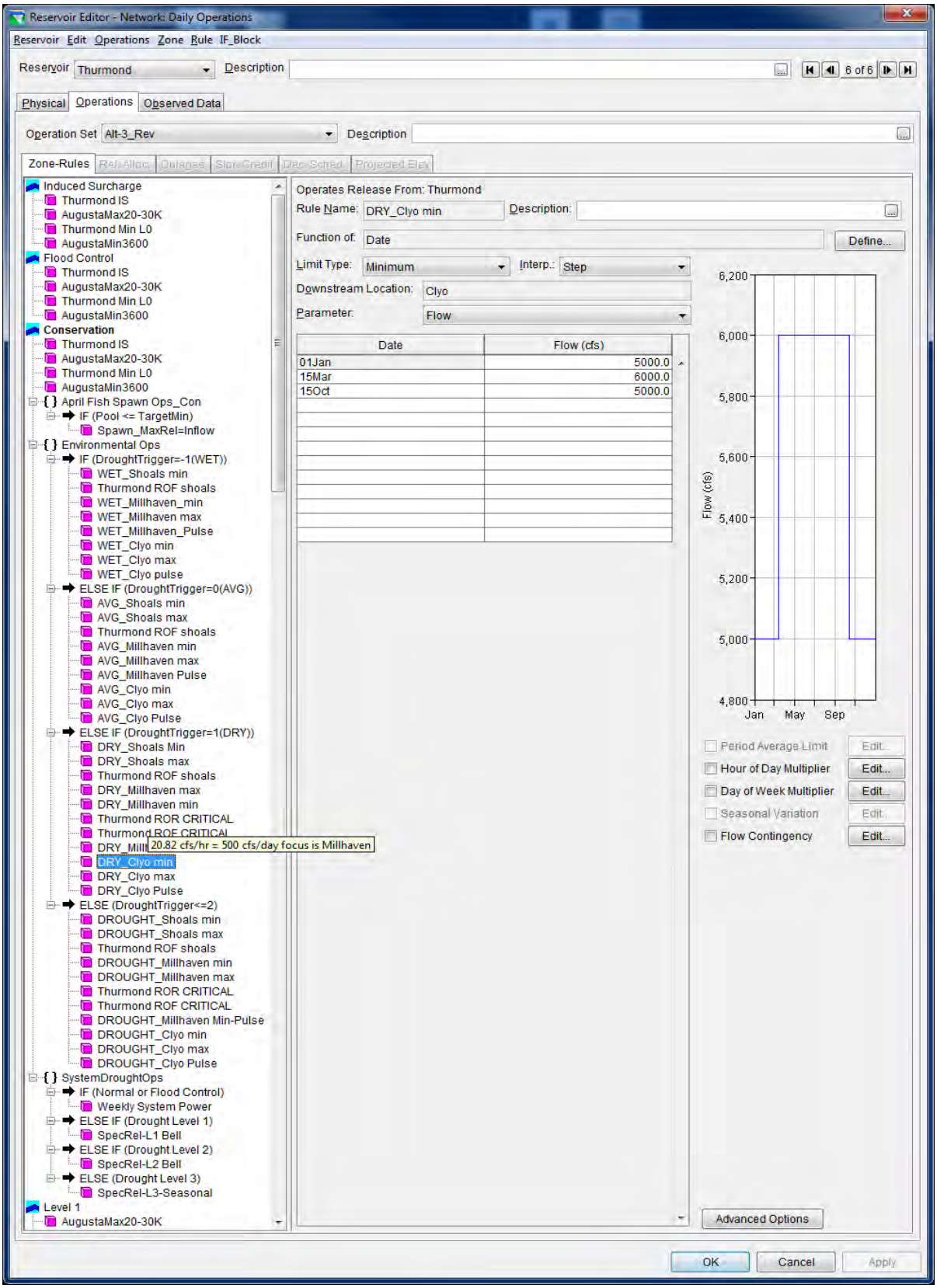
Annex B - Screen 92 (ALT3, Dry Condition, Thurmond, Rate of Rise Critical Rule)



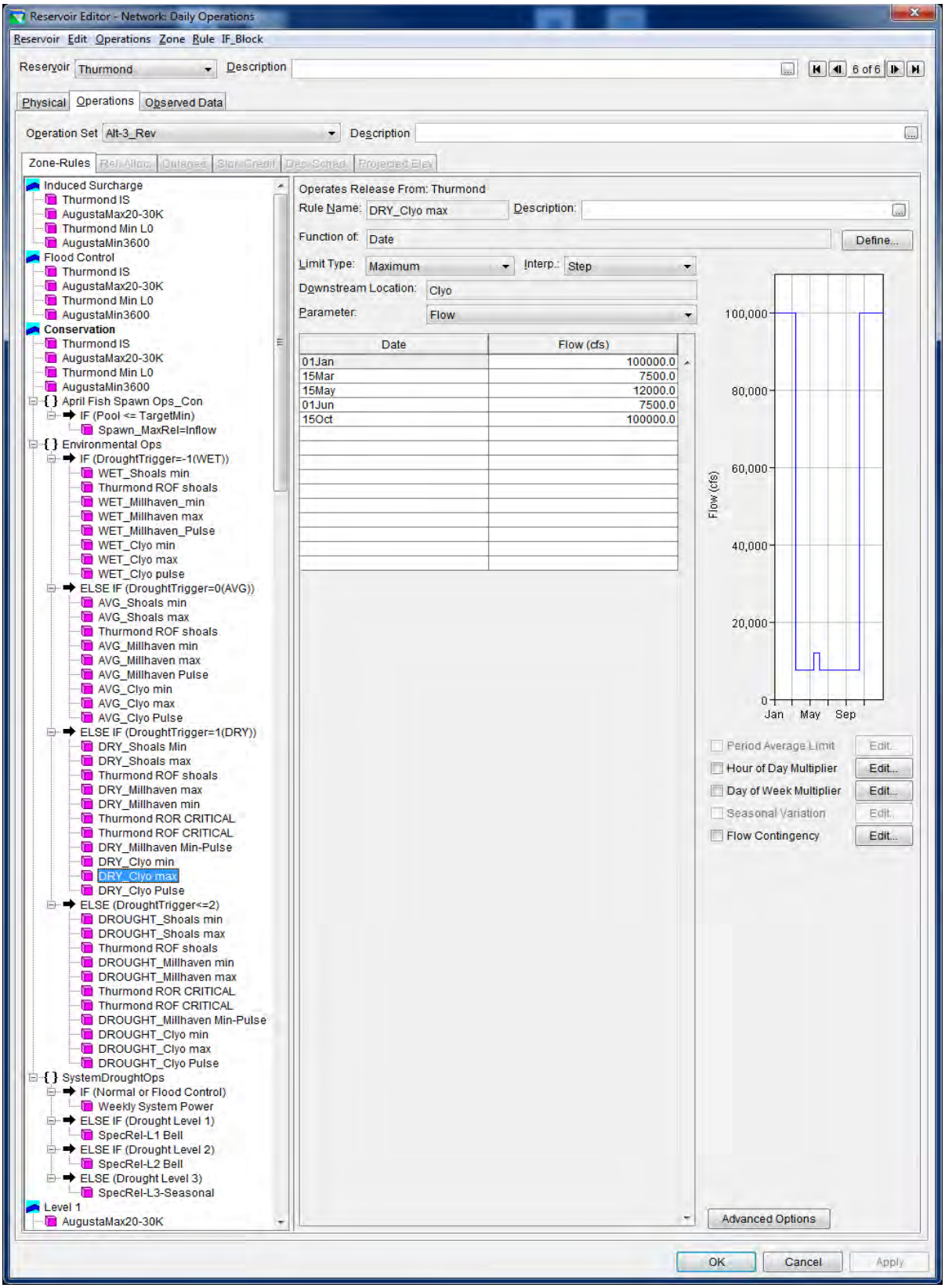
Annex B - Screen 93 (ALT3, Dry Condition, Thurmond, Rate of Fall Critical Rule)



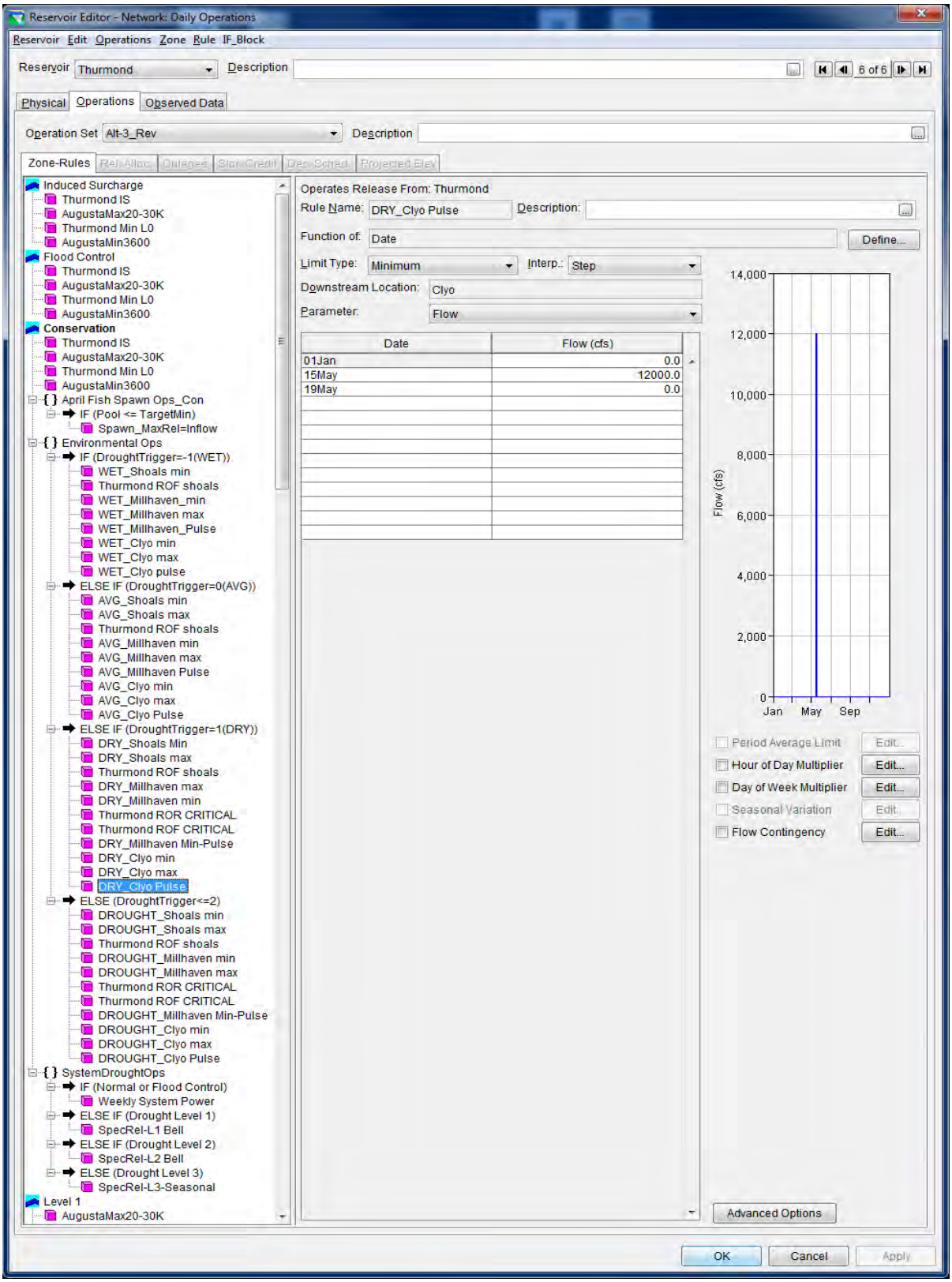
Annex B - Screen 94 (ALT3, Dry Condition, Millhaven, Min Pulse Rule)



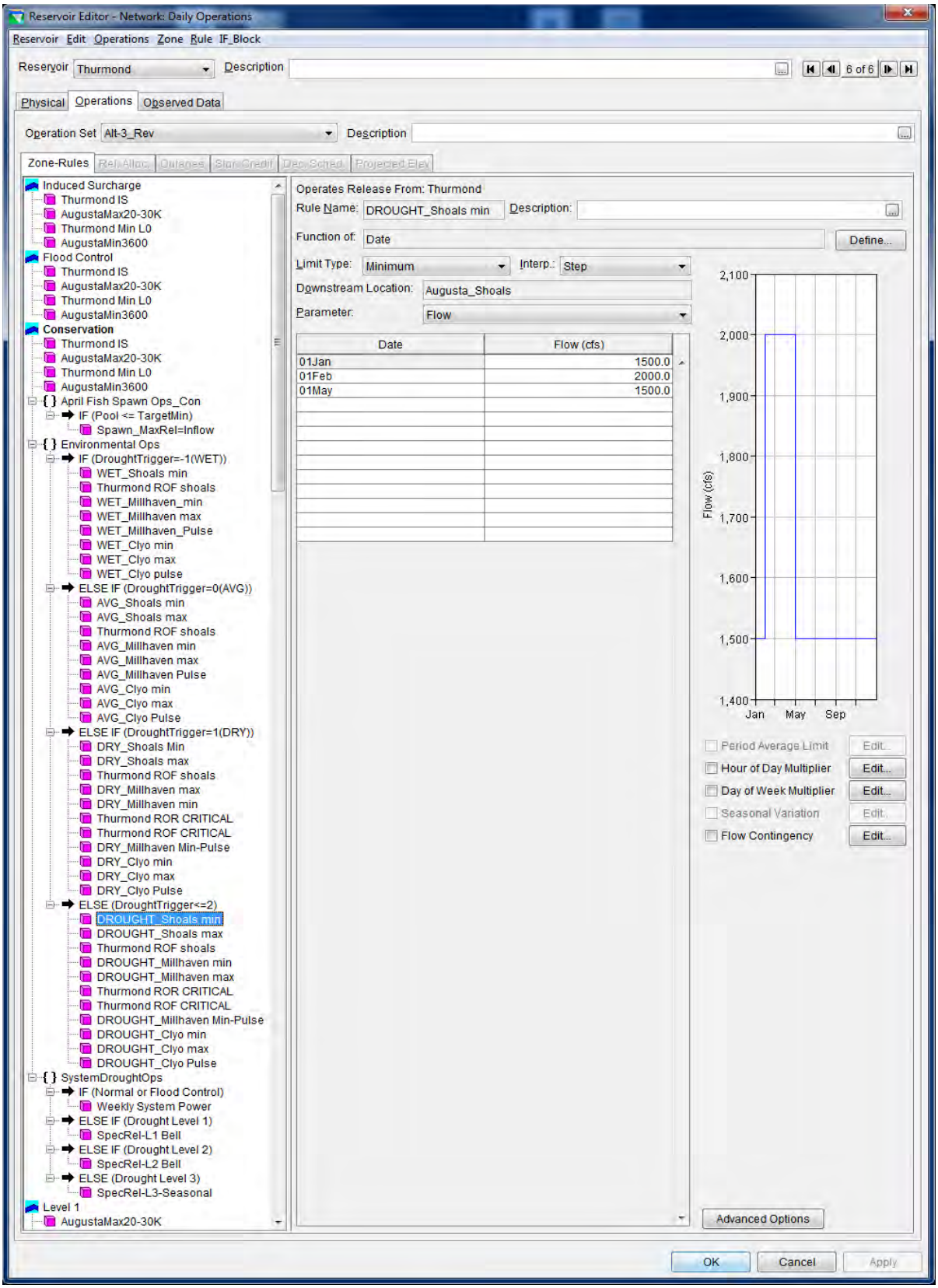
Annex B - Screen 95 (ALT3, Dry Condition, Clyo, Min Rule)



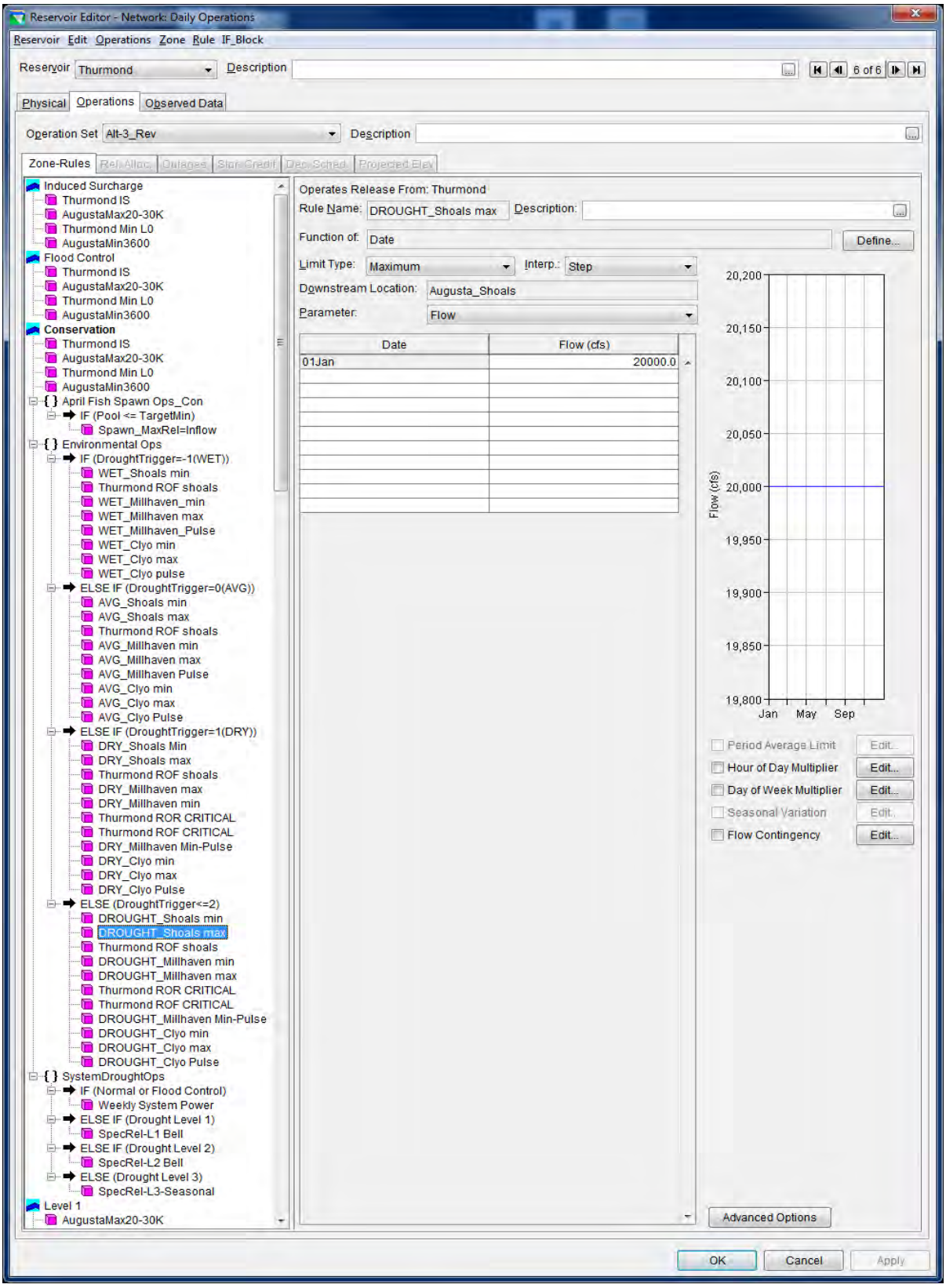
Annex B - Screen 96 (ALT3, Dry Condition, Clyo, Max Rule)



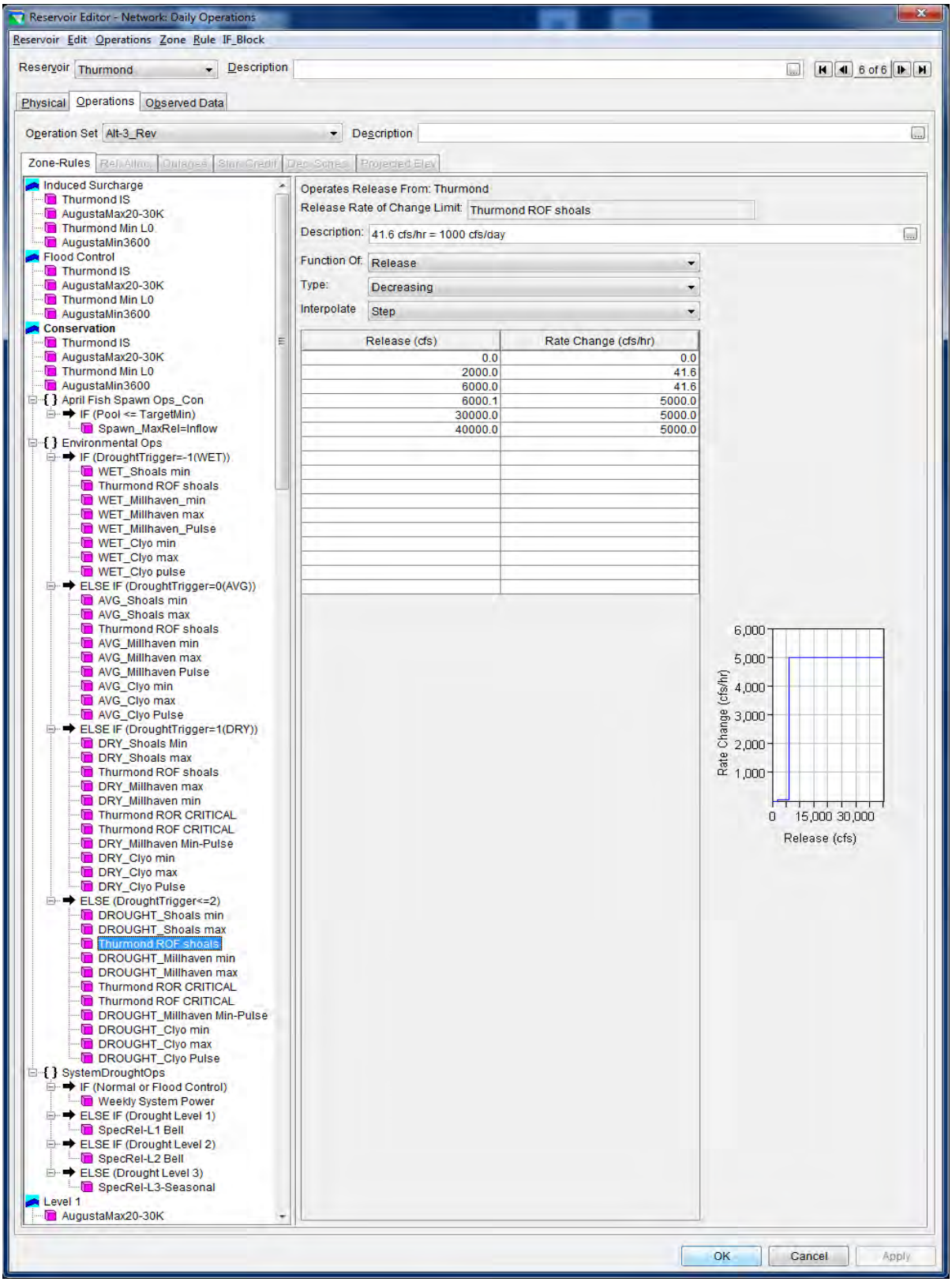
Annex B - Screen 97 (ALT3, Dry Condition, Clyo, Pulse Rule)



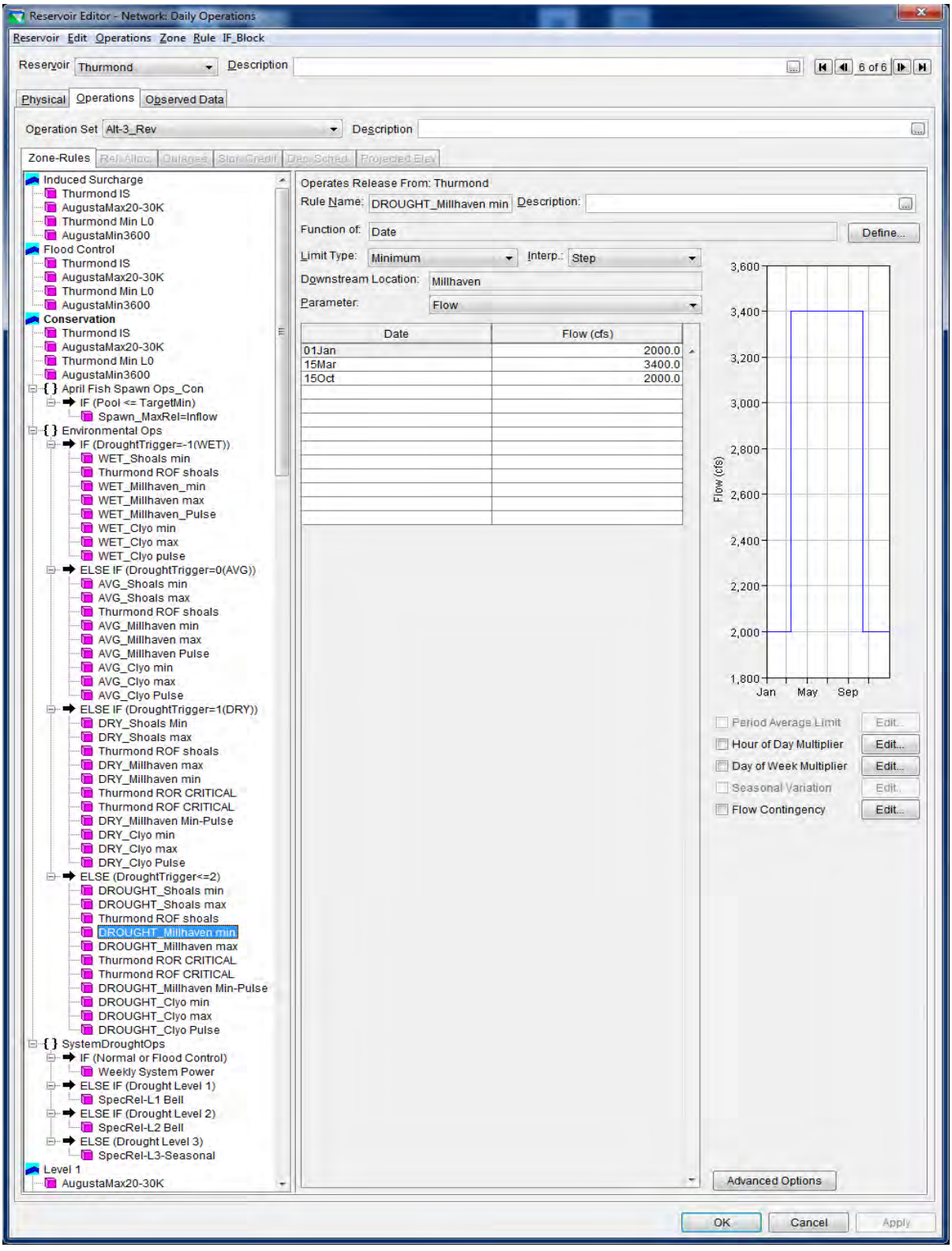
Annex B - Screen 98 (ALT3, Drought Condition, Shoals, Min Rule)



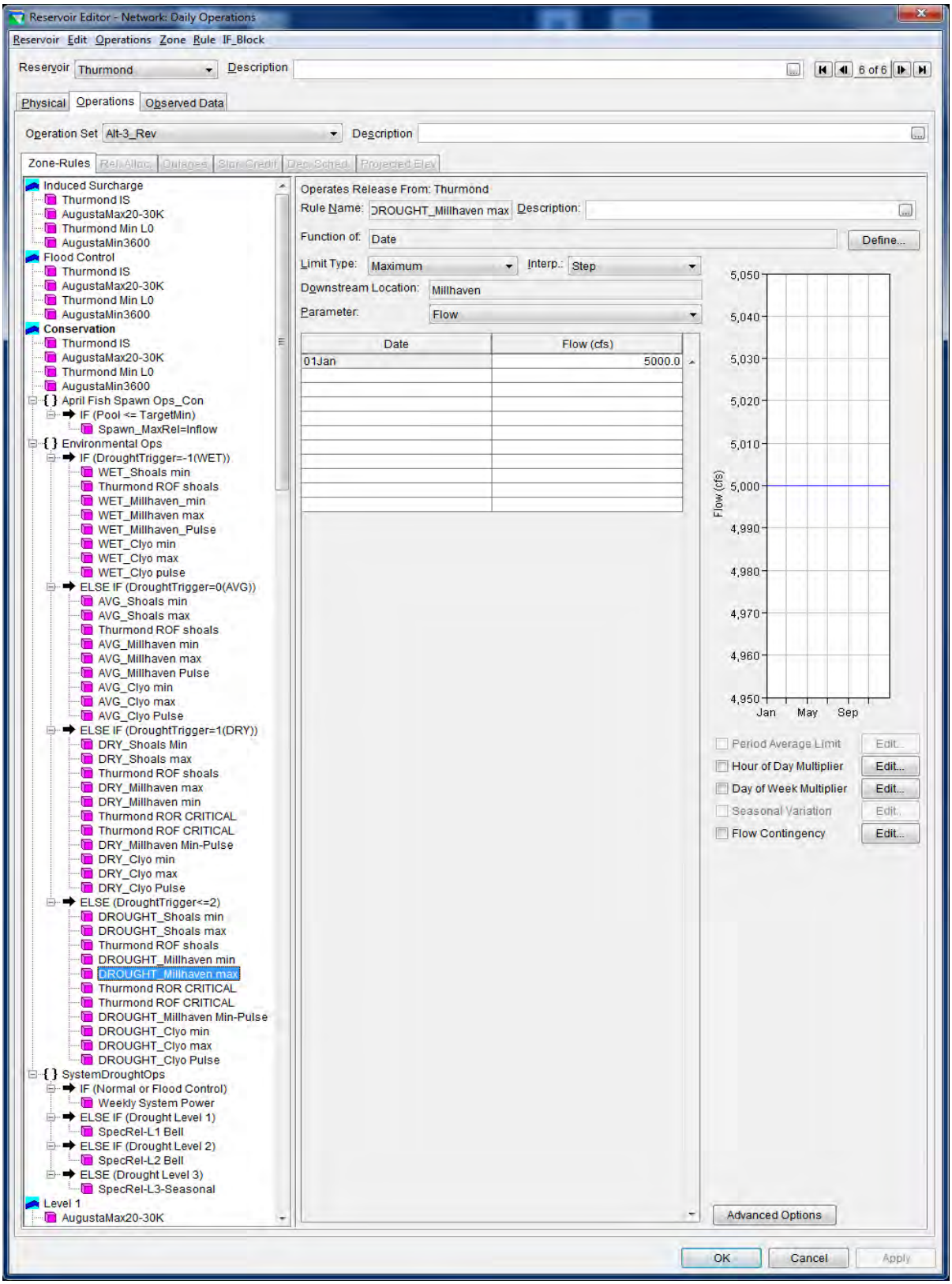
Annex B - Screen 99 (ALT3, Drought Condition, Shoals, Max Rule)



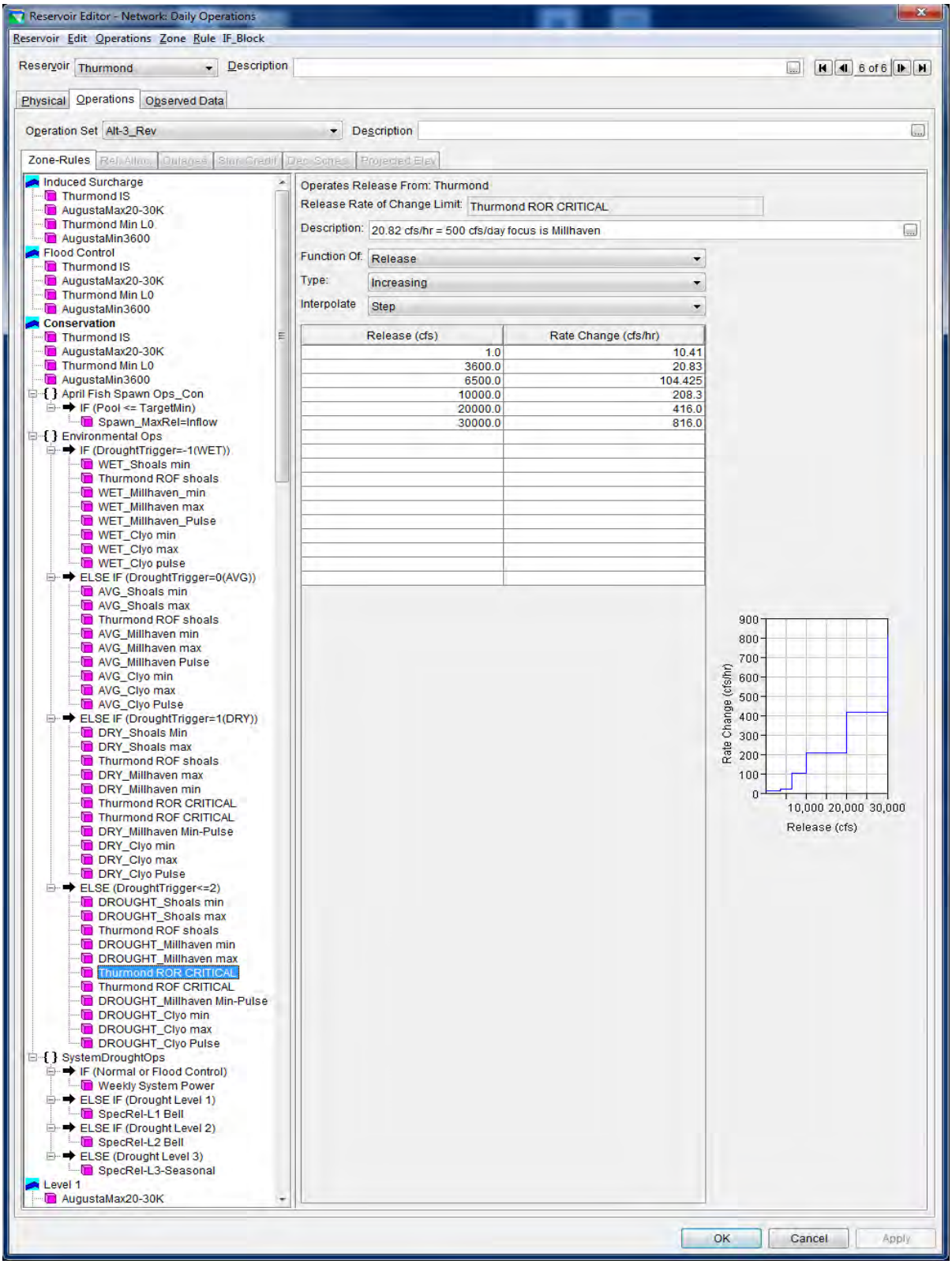
Annex B - Screen 100 (ALT3, Drought Condition, Shoals, Rate of Fall Rule)



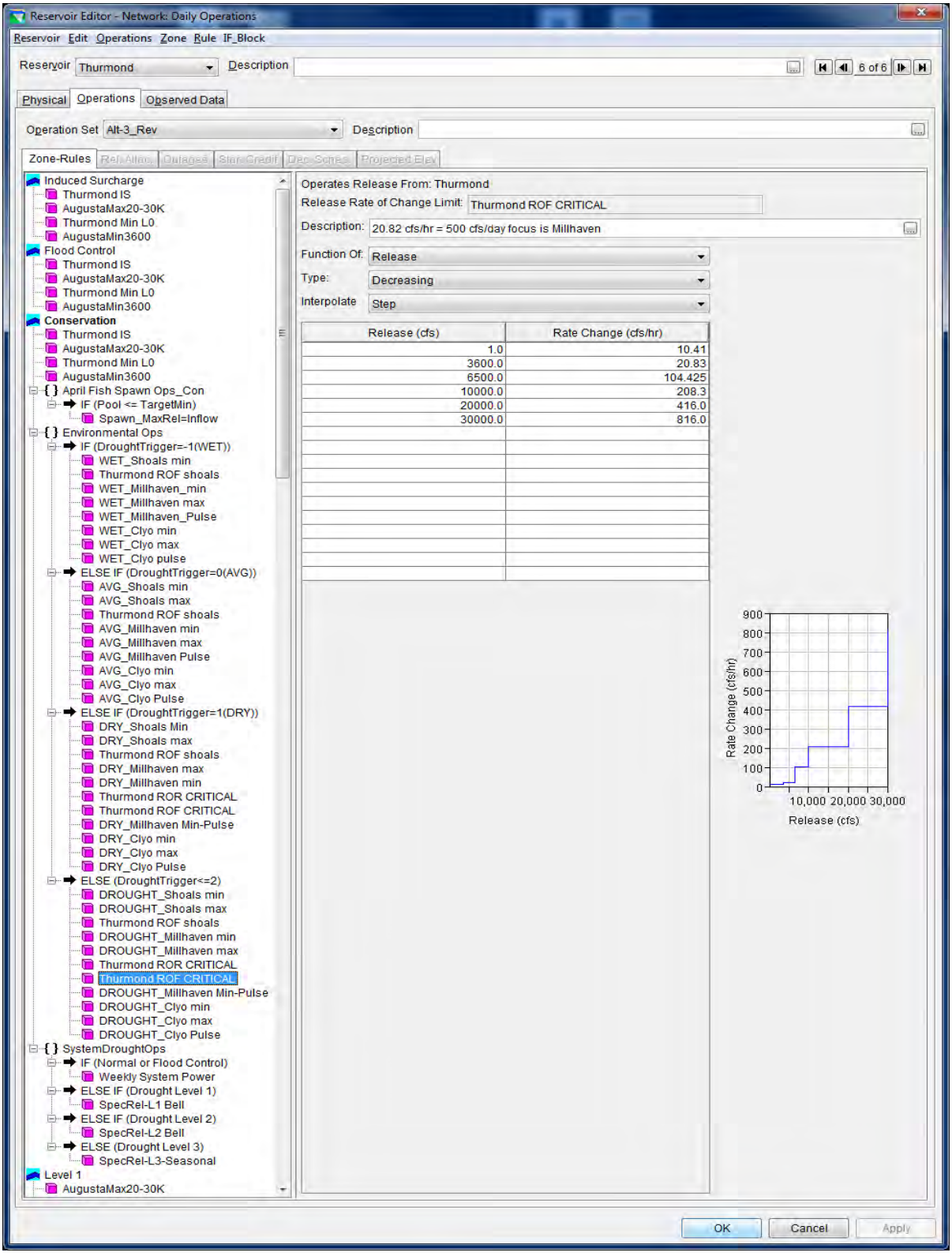
Annex B - Screen 101 (ALT3, Drought Condition, Millhaven, Min Rule)



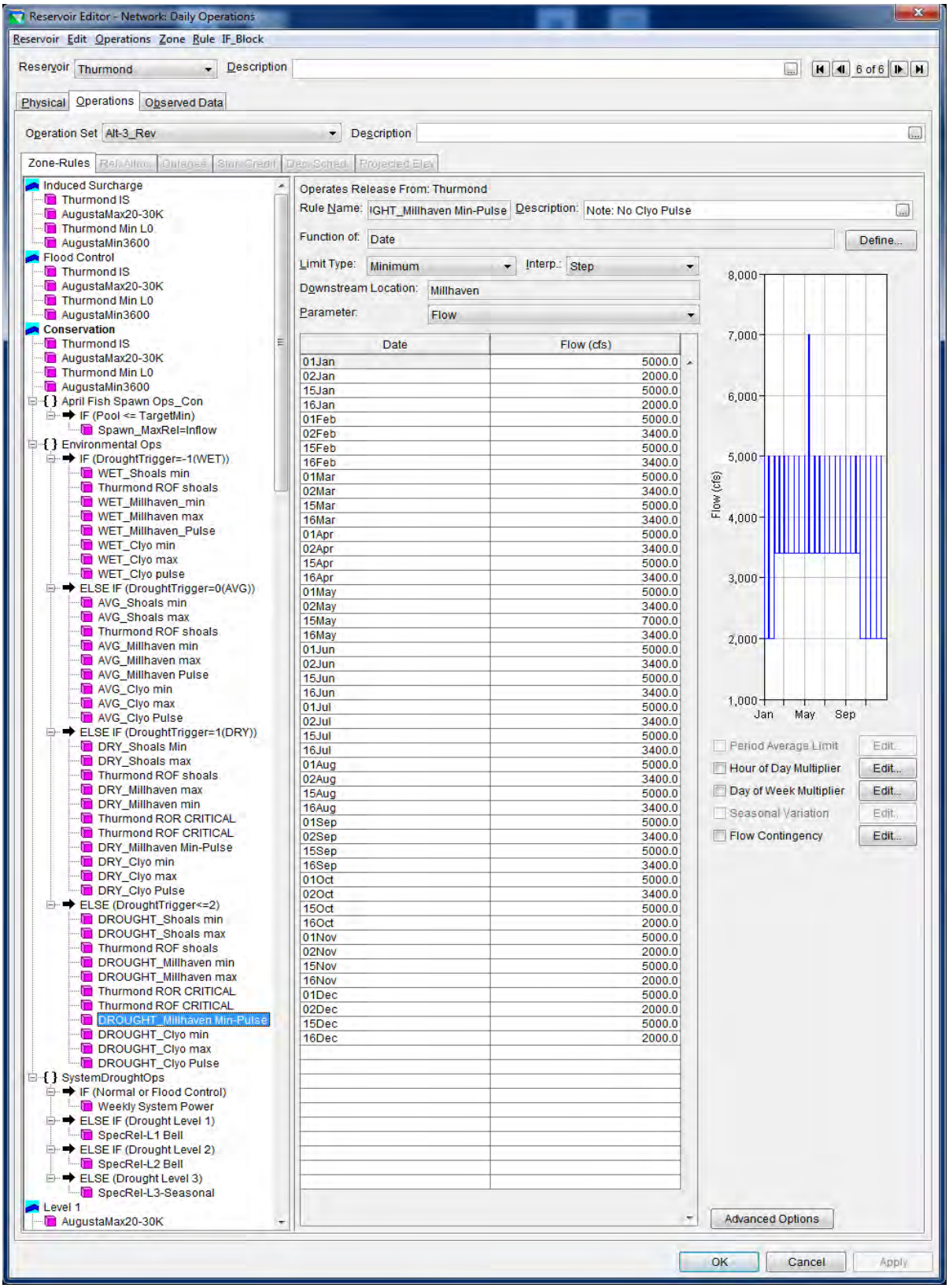
Annex B - Screen 102 (ALT3, Drought Condition, Millhaven, Max Rule)



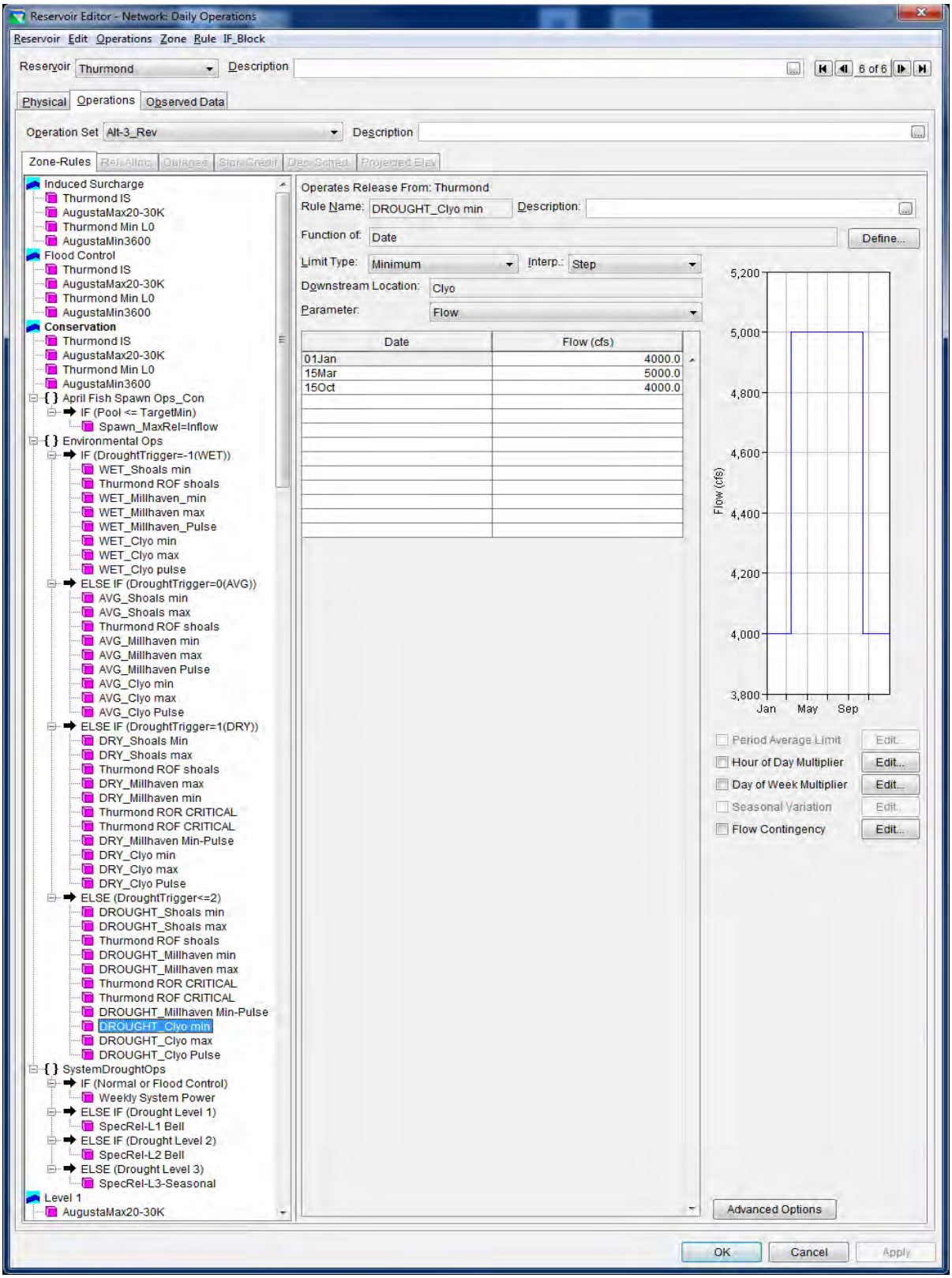
Annex B - Screen 103 (ALT3, Drought Condition, Thurmond, Rate of Rise Critical Rule)



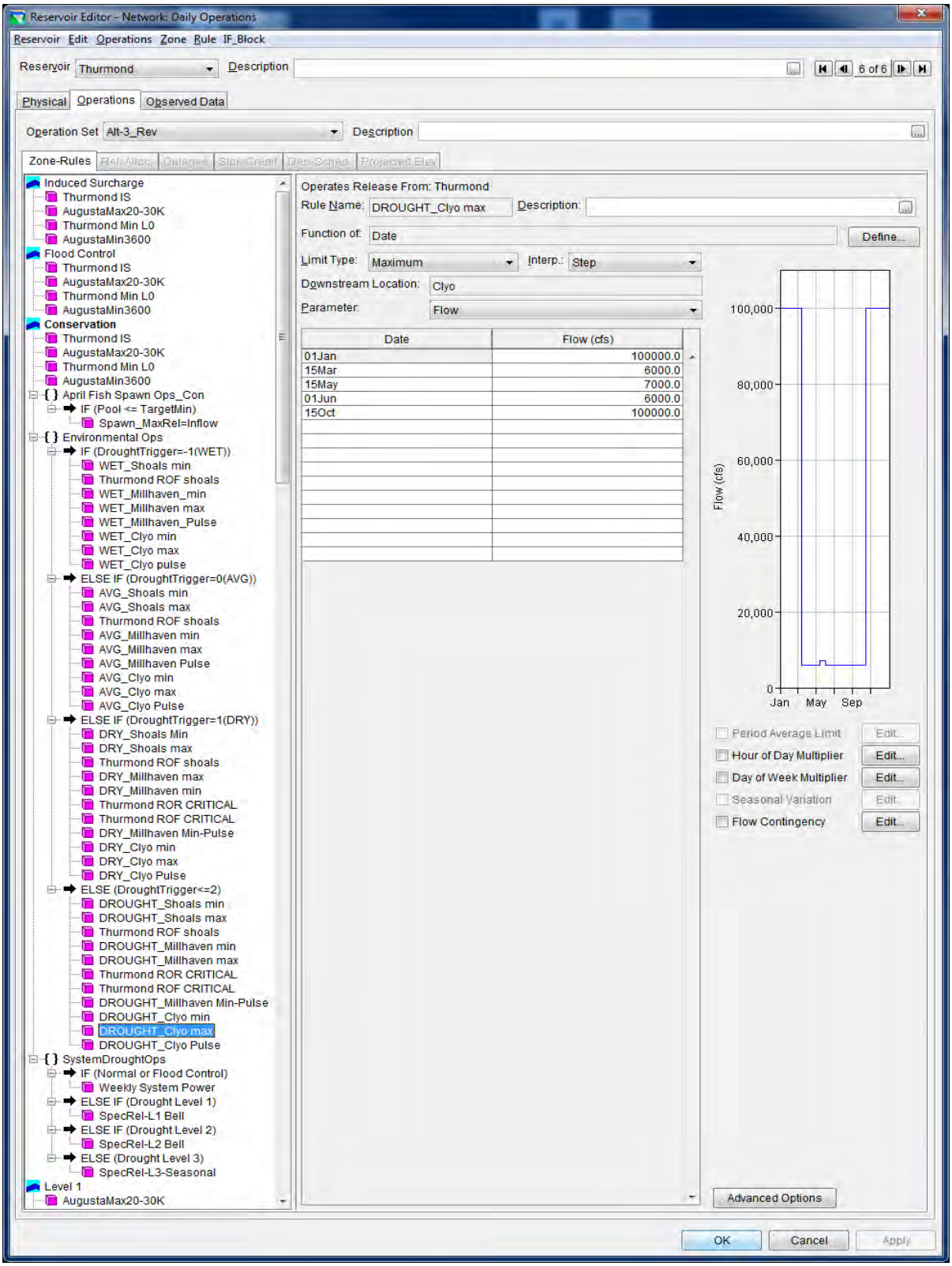
Annex B - Screen 104 (ALT3, Drought Condition, Thurmond, Rate of Fall Critical Rule)



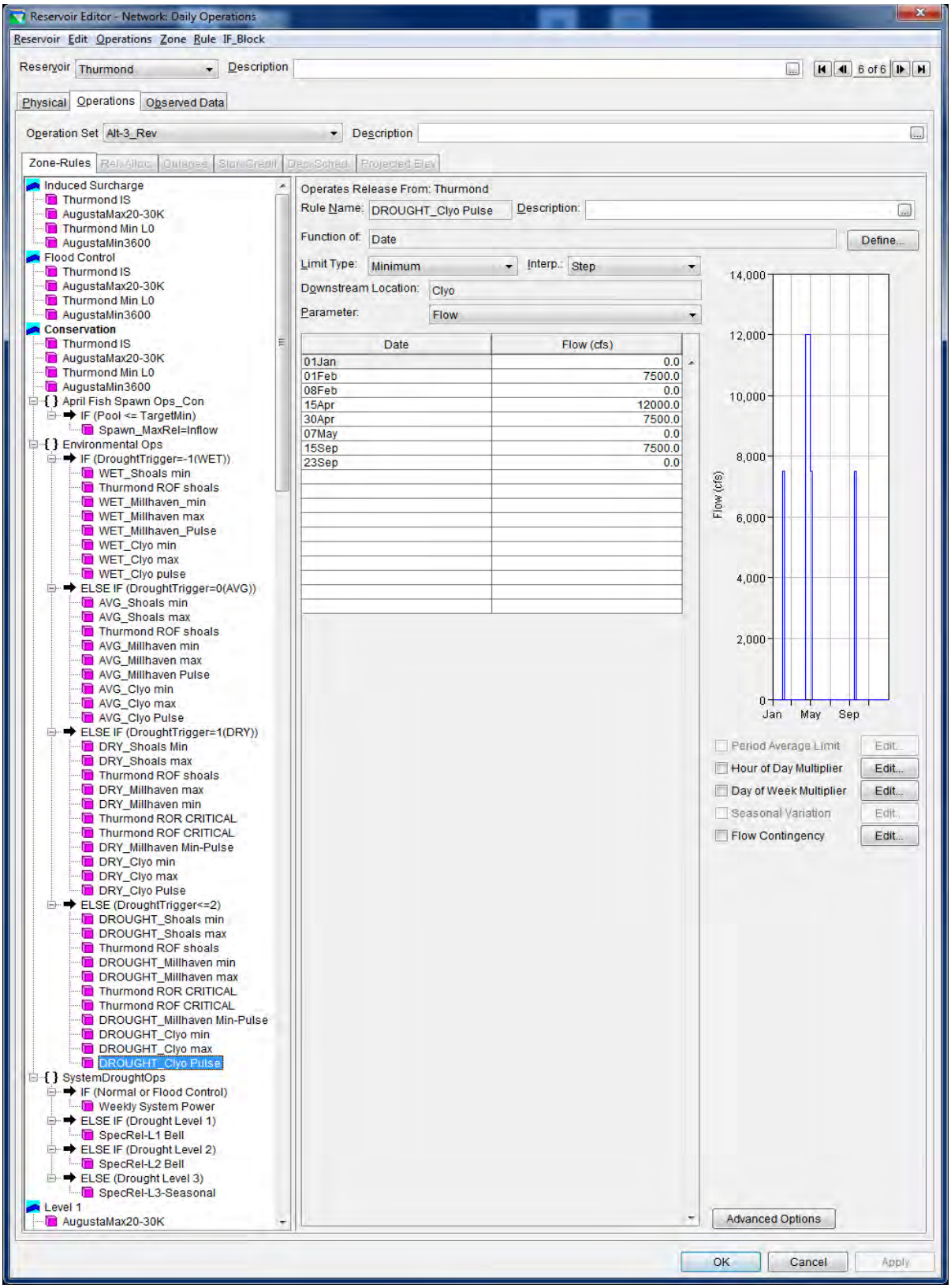
Annex B - Screen 105 (ALT3, Drought Condition, Millhaven, Min-Pulse Rule)



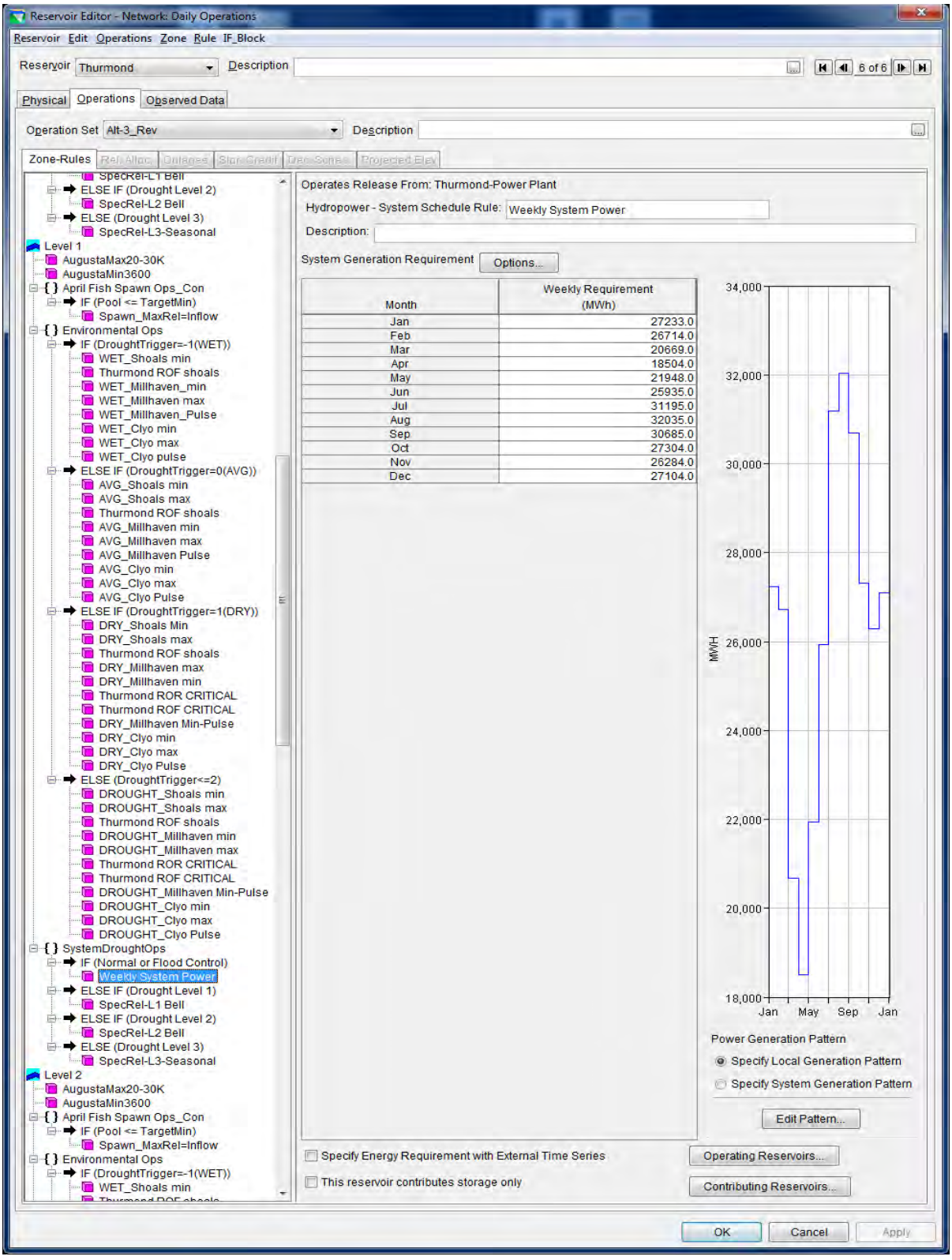
Annex B - Screen 106 (ALT3, Drought Condition, Clyo, Min Rule)



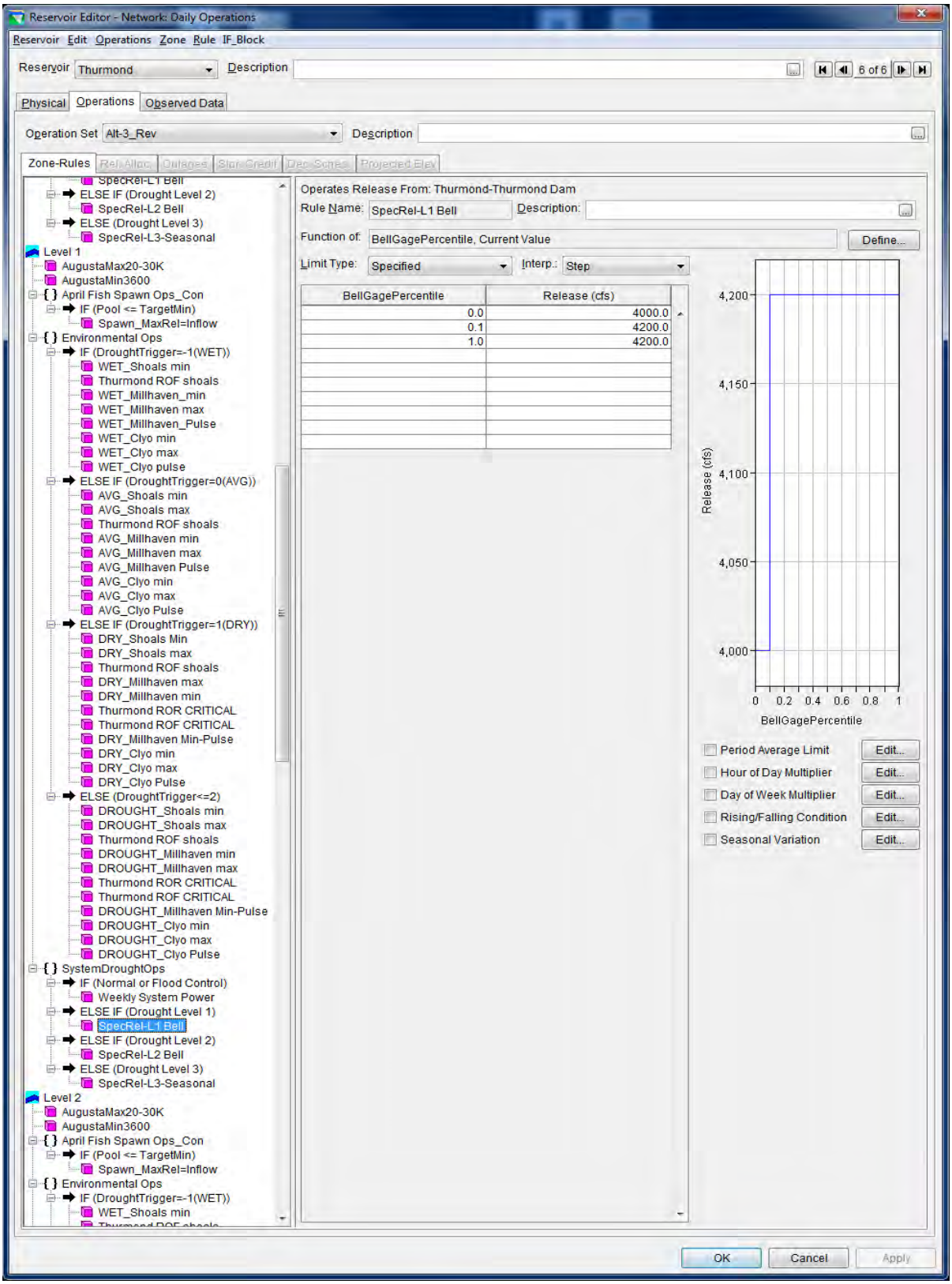
Annex B - Screen 107 (ALT3, Drought Condition, Clyo, Max Rule)



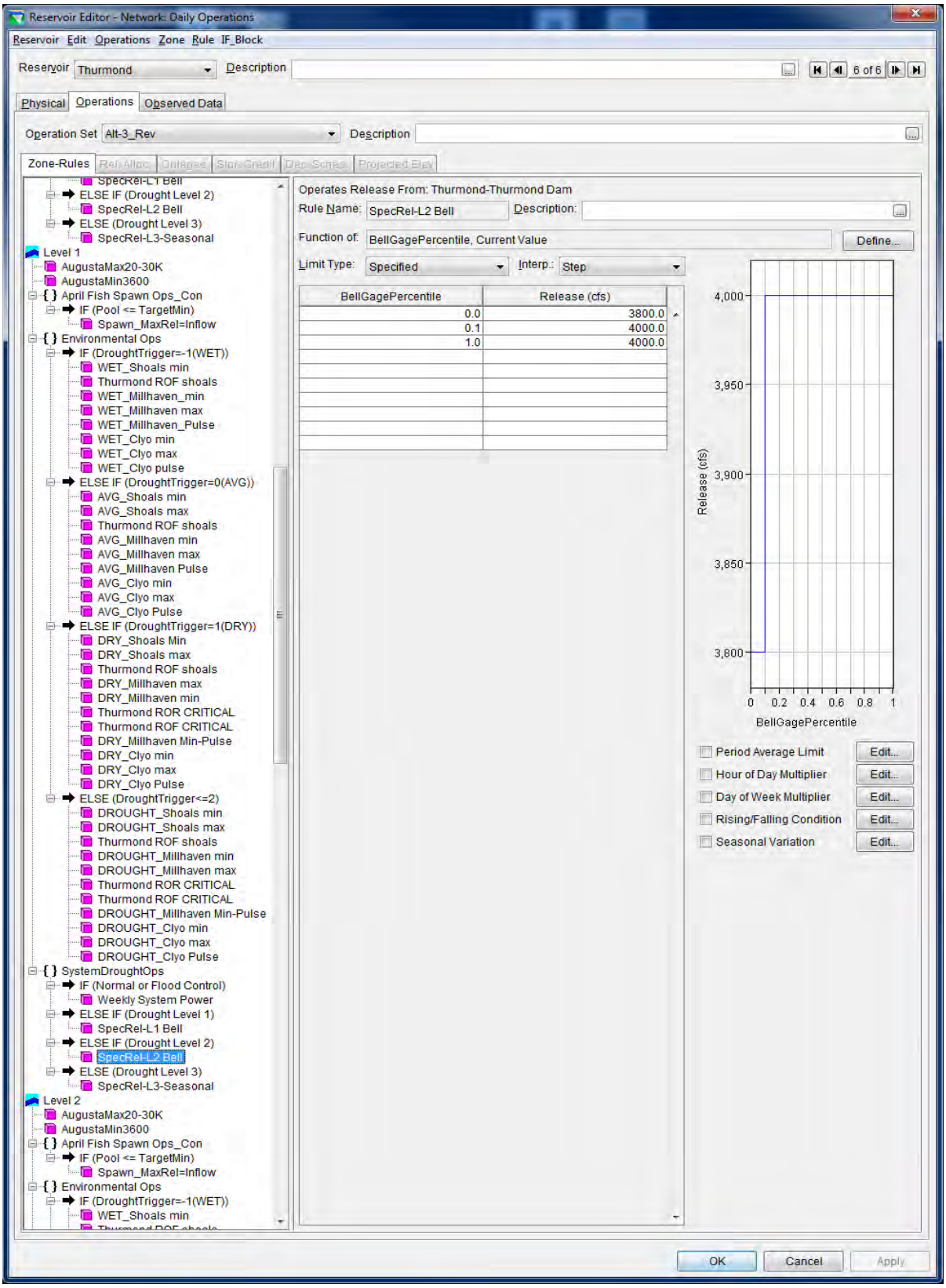
Annex B - Screen 108 (ALT3, Drought Condition, Clyo, Pulse Rule)



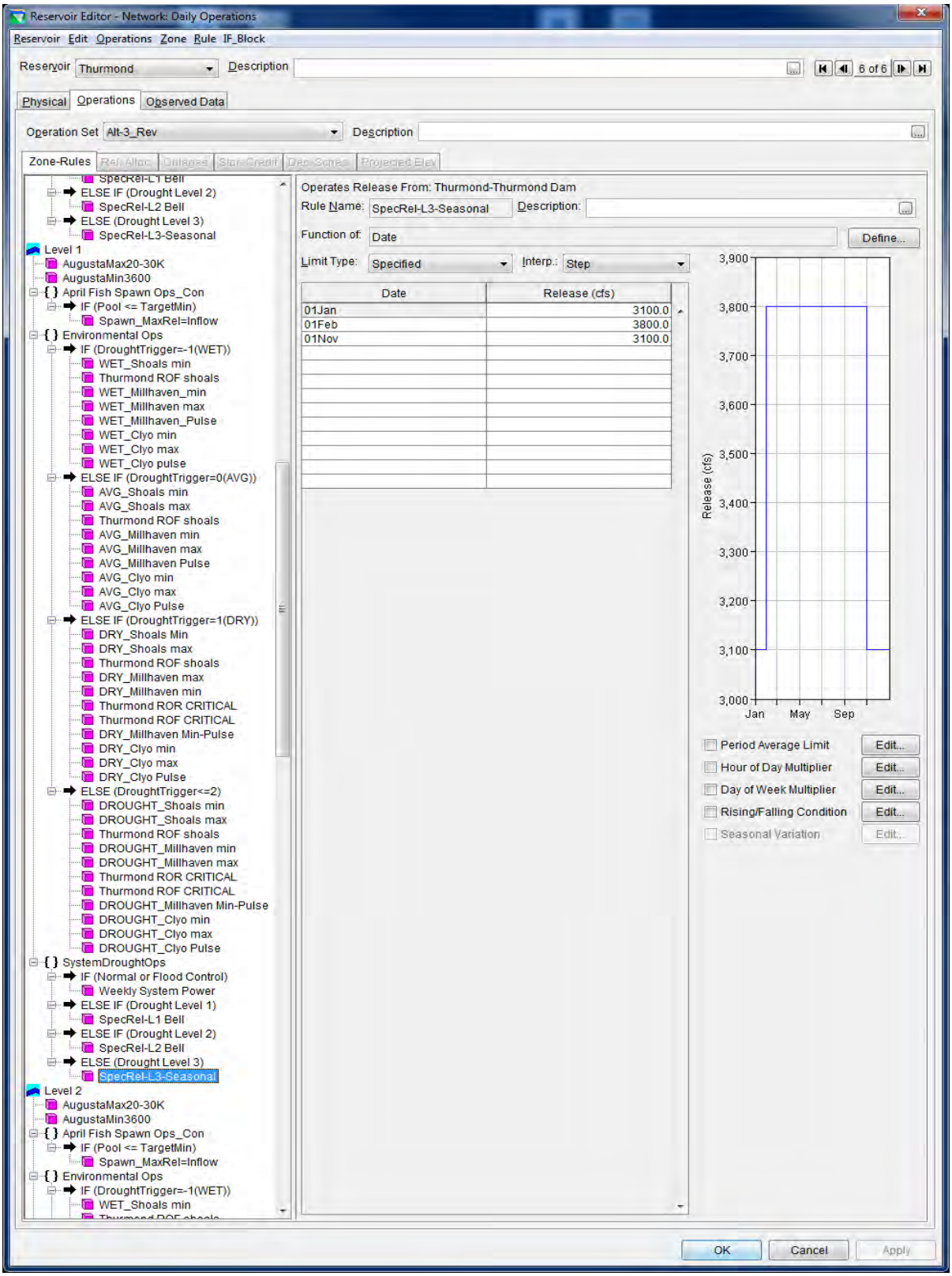
Annex B - Screen 109 (ALT3, Normal\Flood Control, Weekly System Power Rule)



Annex B - Screen 110 (ALT3, Drought Level 1, SpecRel Bell Rule)

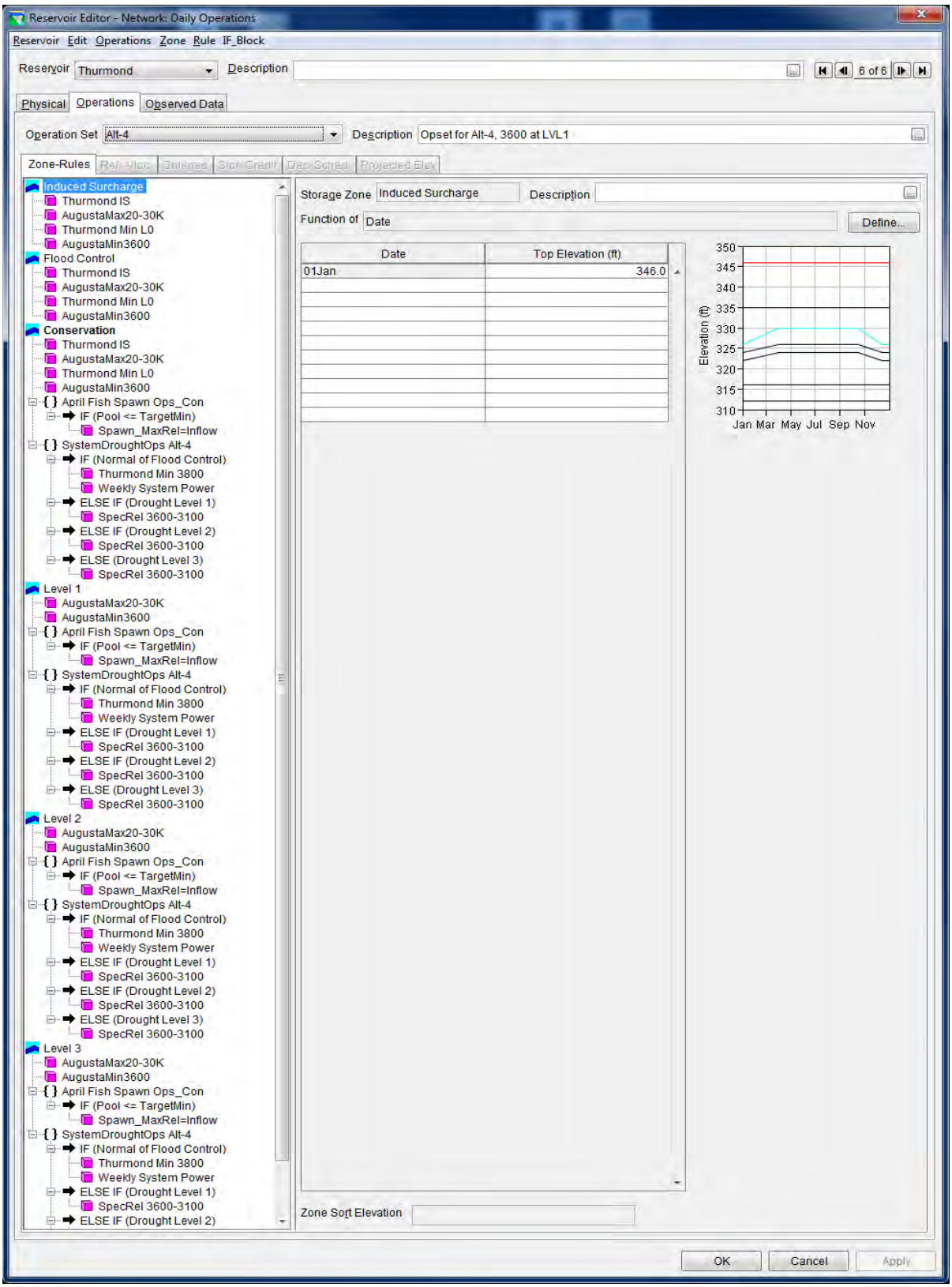


Annex B - Screen 111 (ALT3, Drought Level 2, SpecRel Bell Rule)

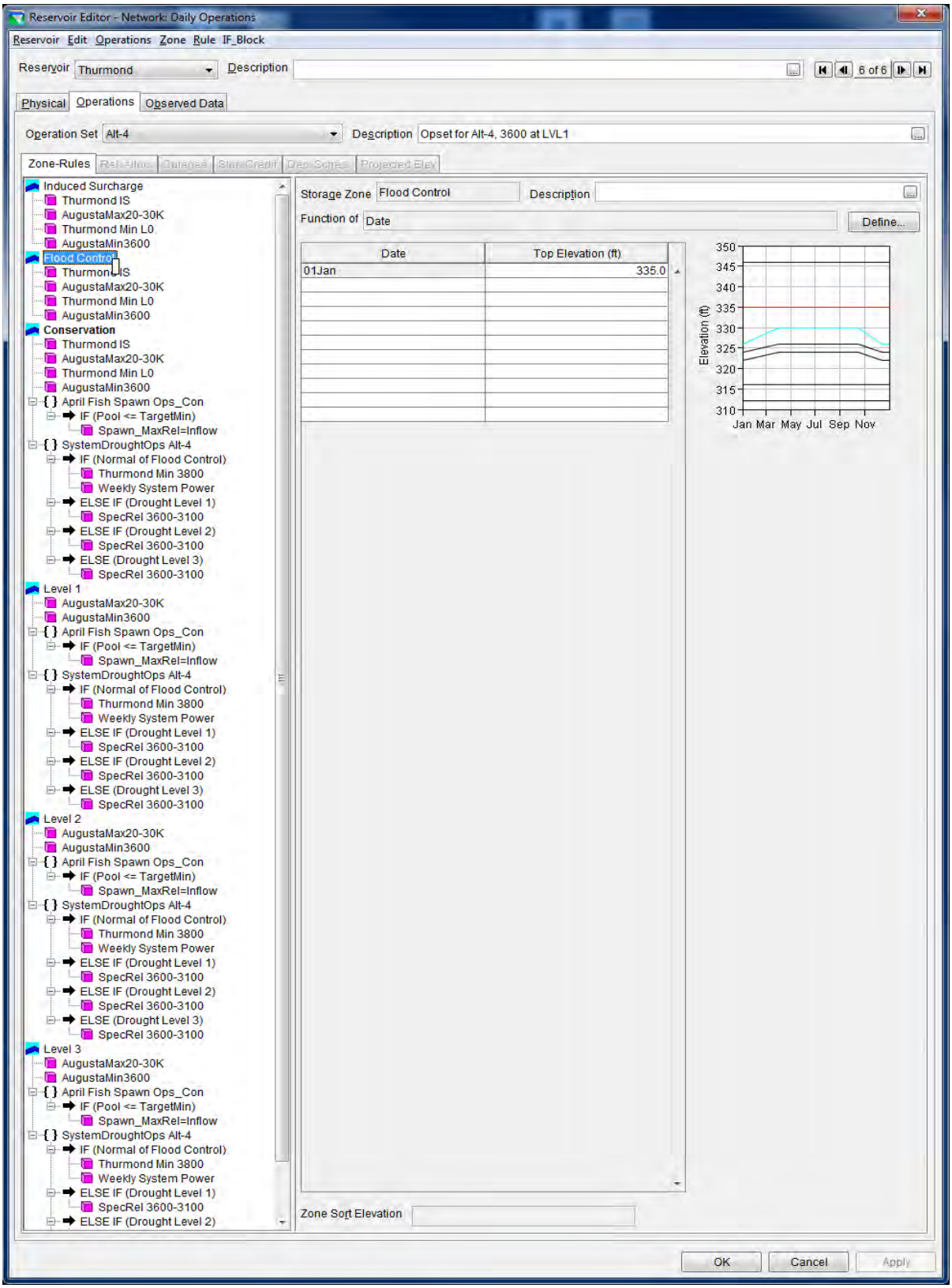


Annex B - Screen 112 (ALT3, Drought Level 3, SpecRel Bell Rule)

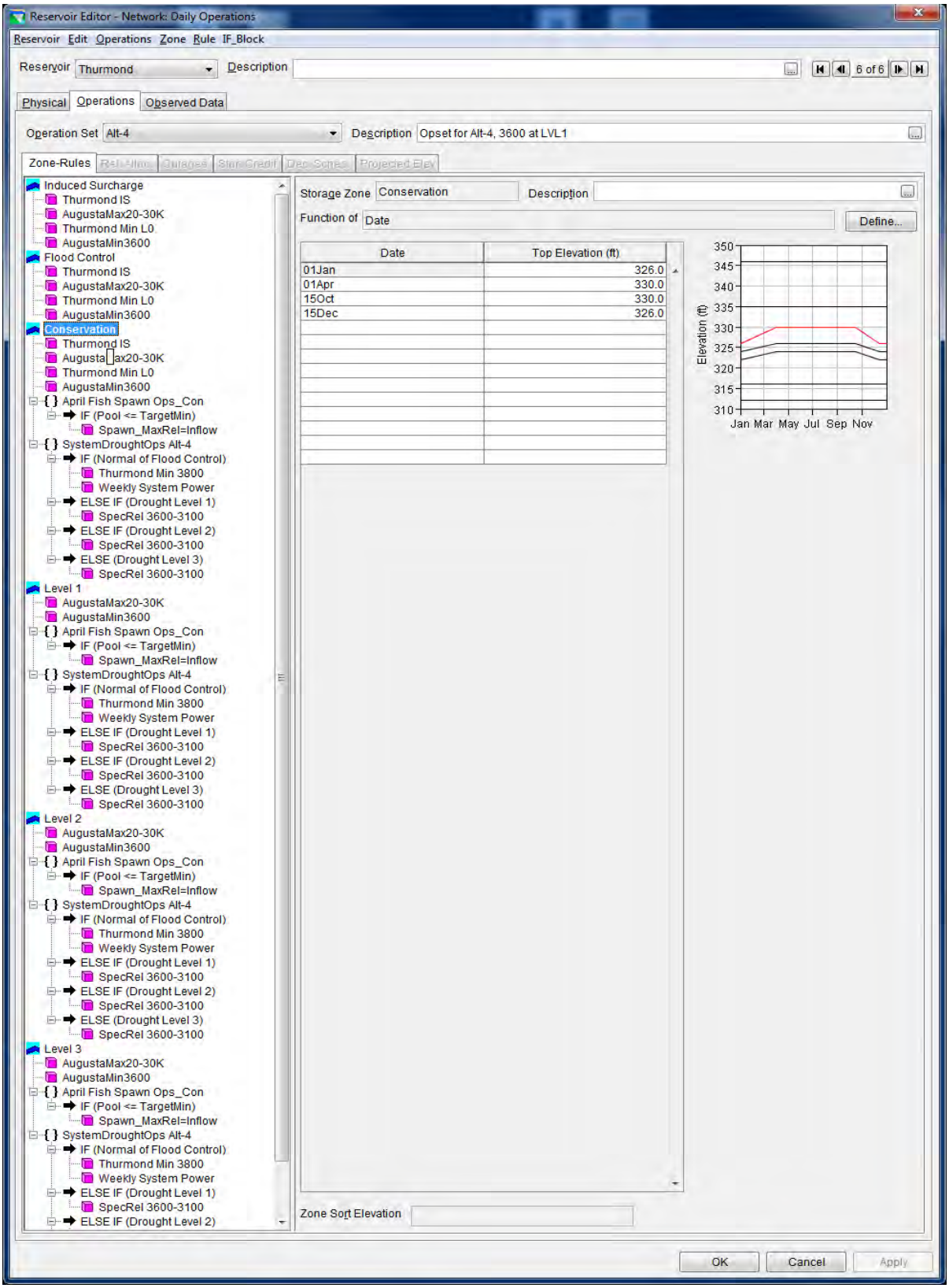
ALT-4



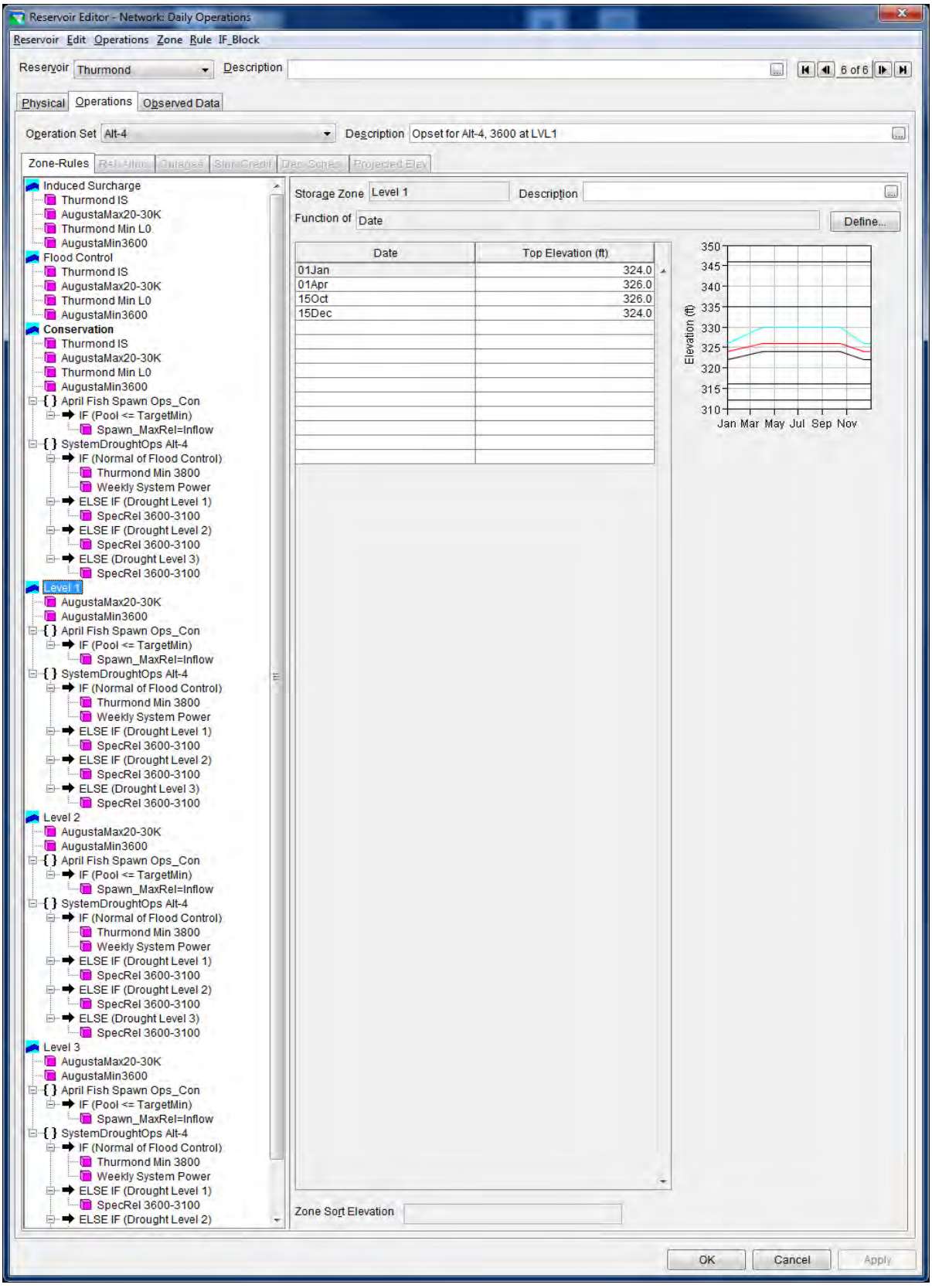
Annex B - Screen 113 (ALT4, Thurmond, Induced Surcharge Pool Rule Stack)



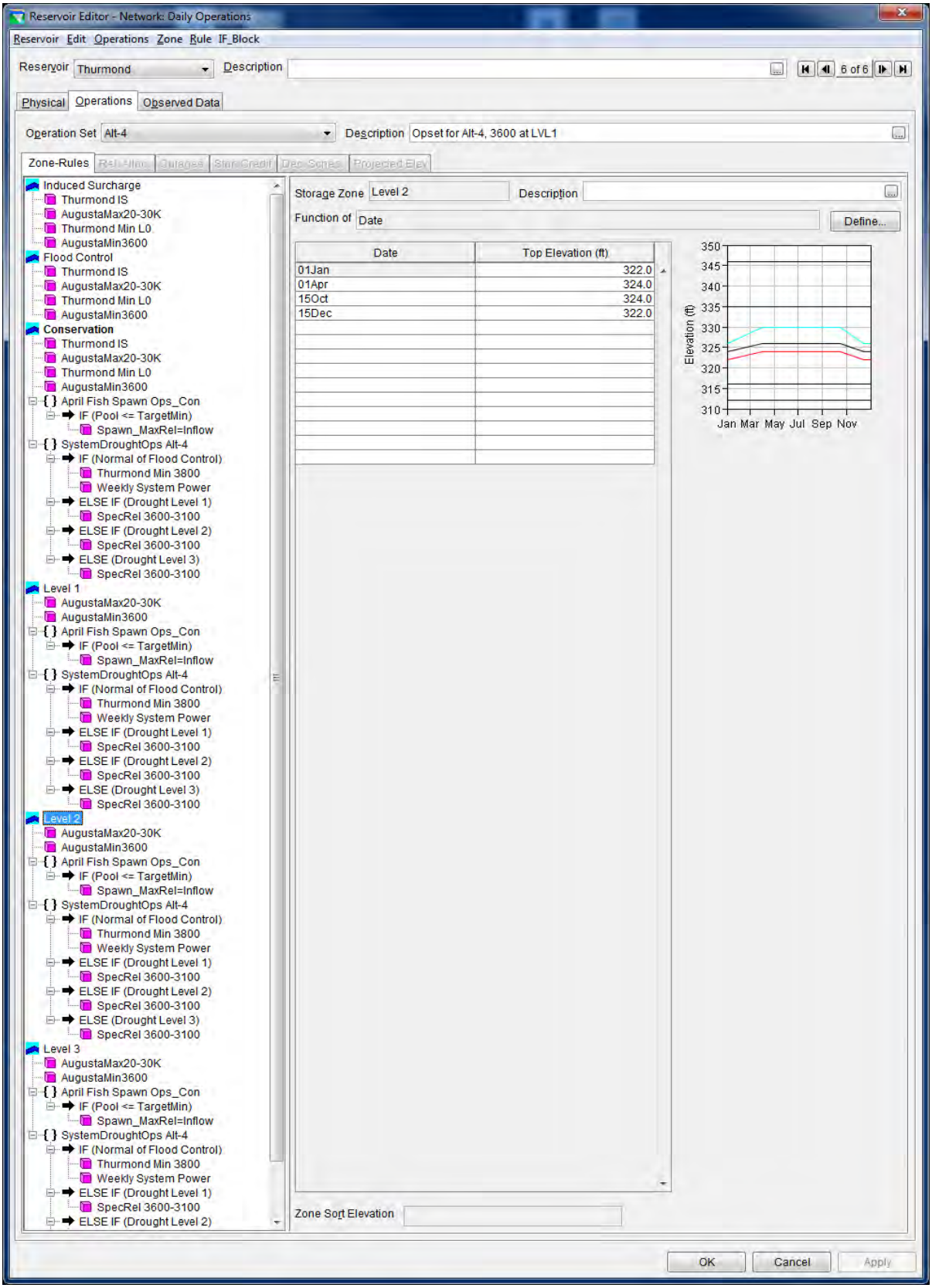
Annex B - Screen 114 (ALT4, Thurmond, Flood Control Rule Stack)



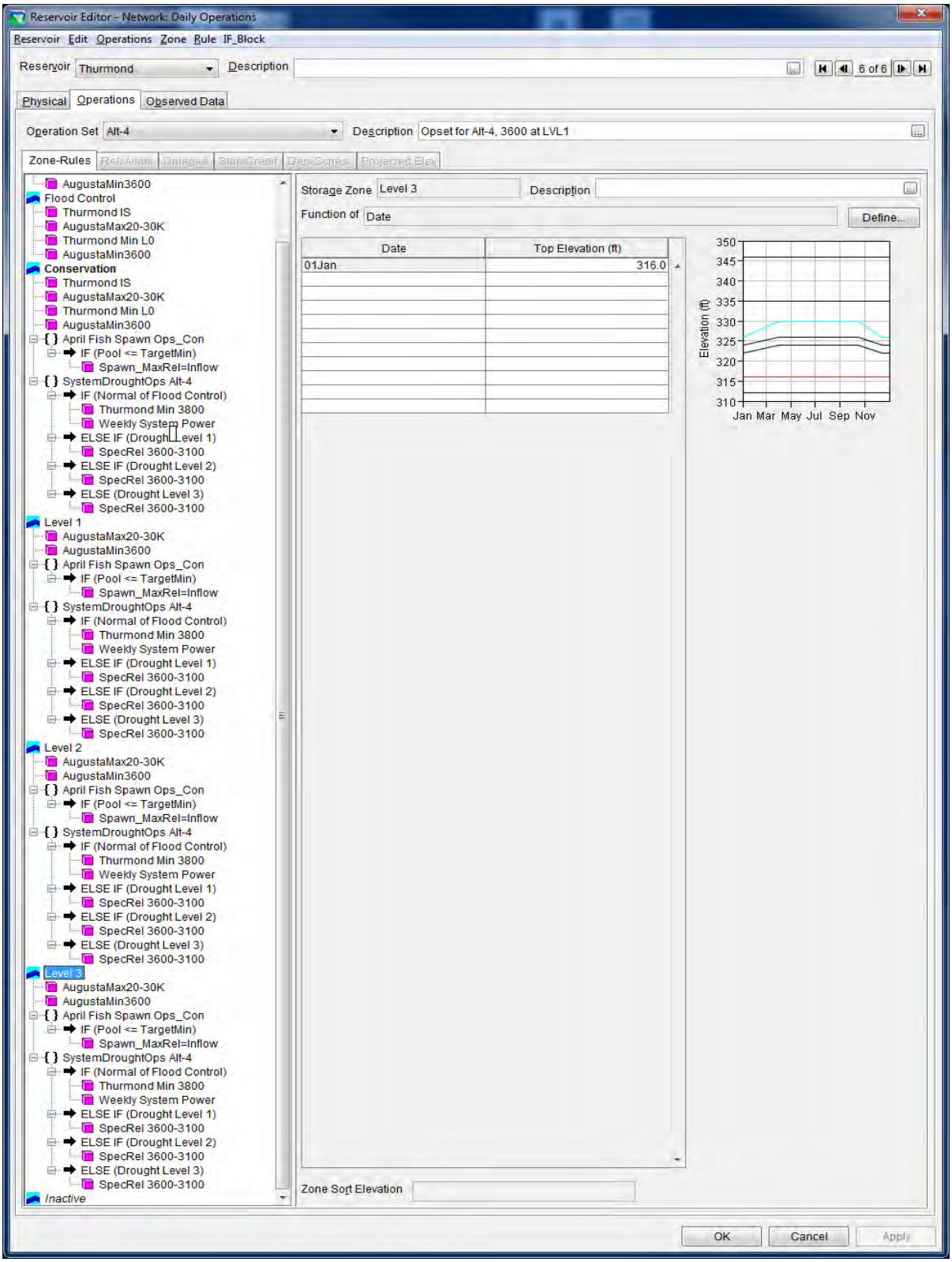
Annex B - Screen 115 (ALT4, Thurmond, Conservation Rule Stack)



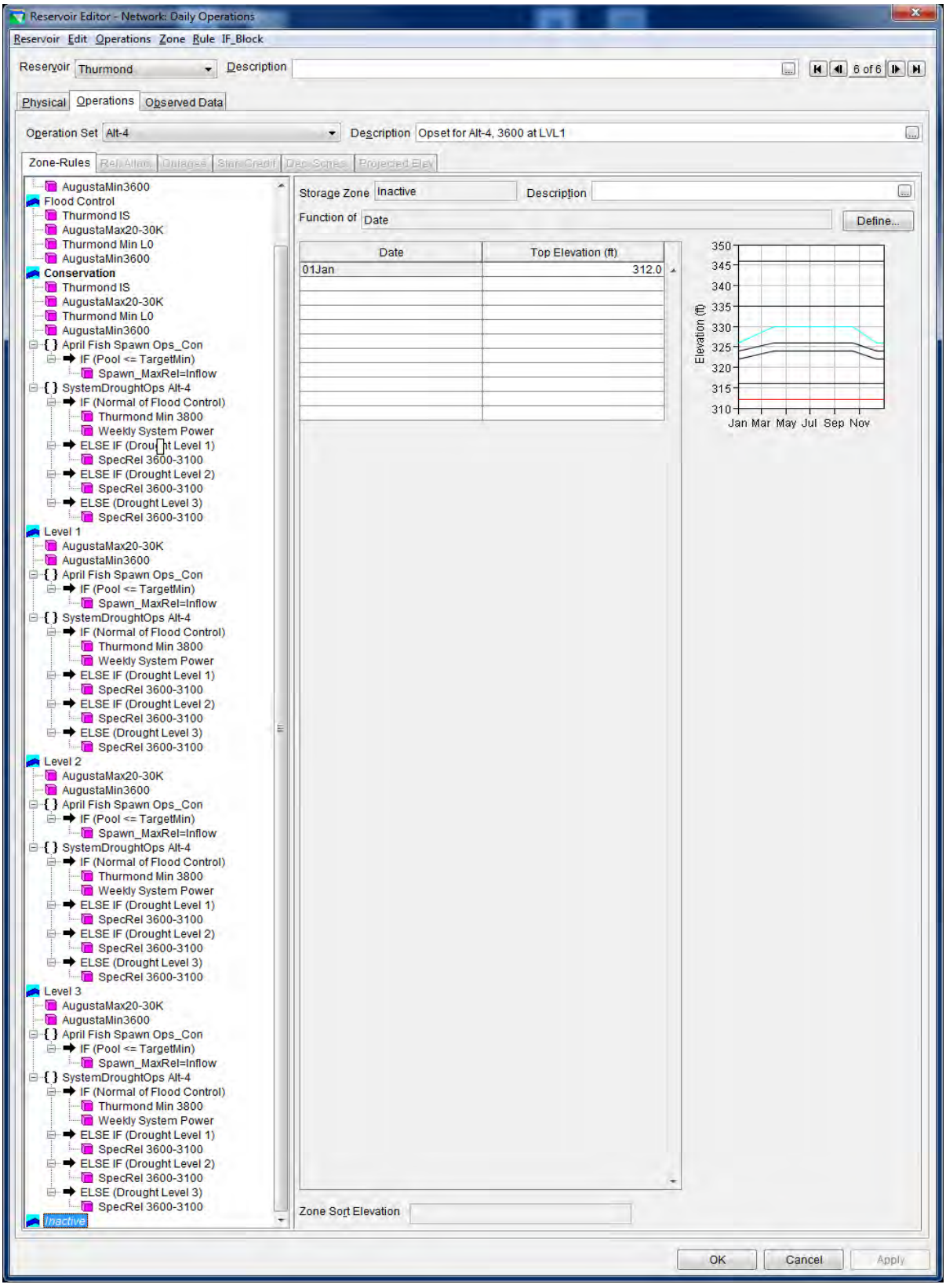
Annex B - Screen 116 (ALT4, Thurmond, Trigger Level 1 Rule Stack)



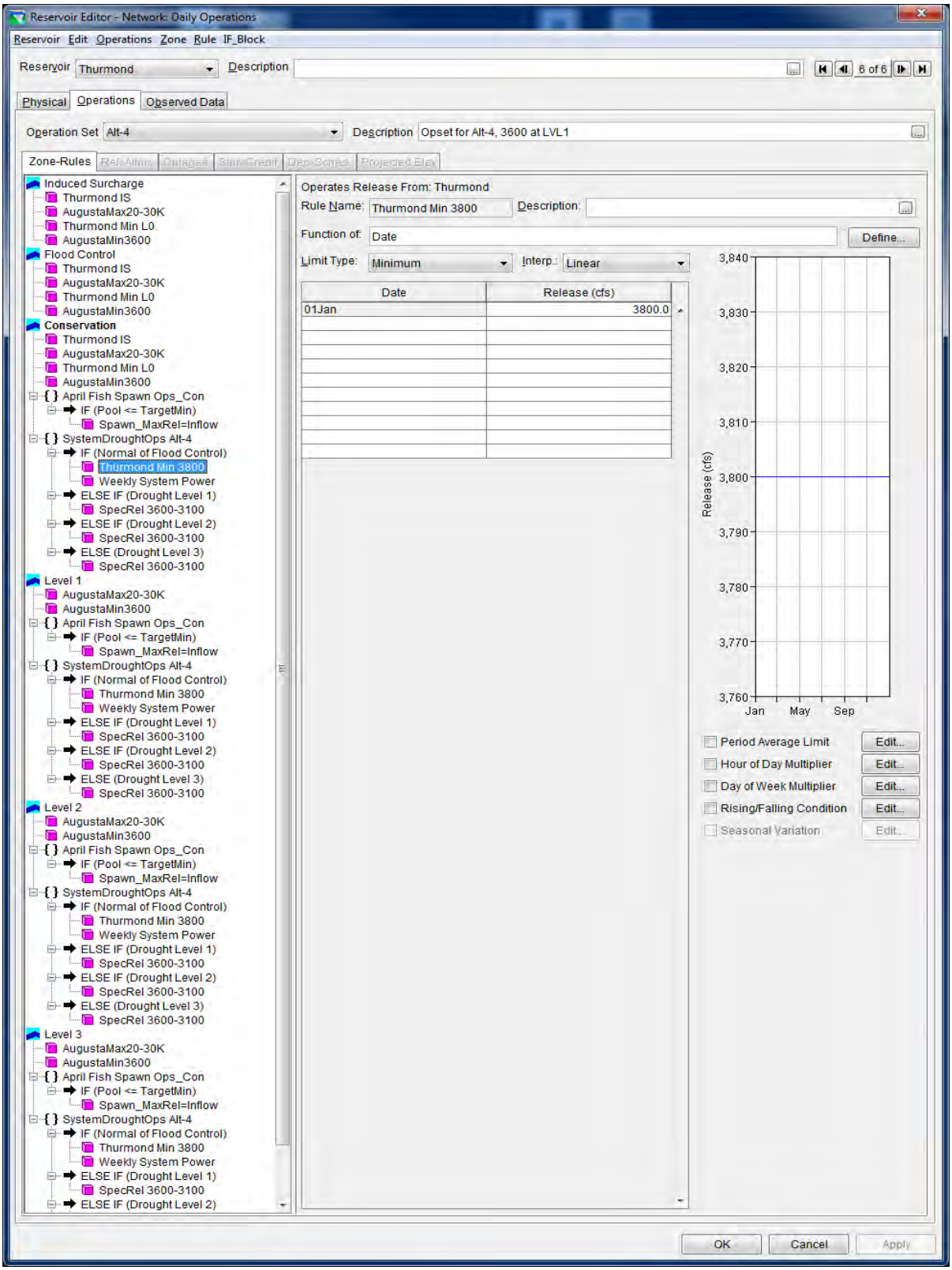
Annex B - Screen 117 (ALT4, Thurmond, Trigger Level 2 Rule Stack)



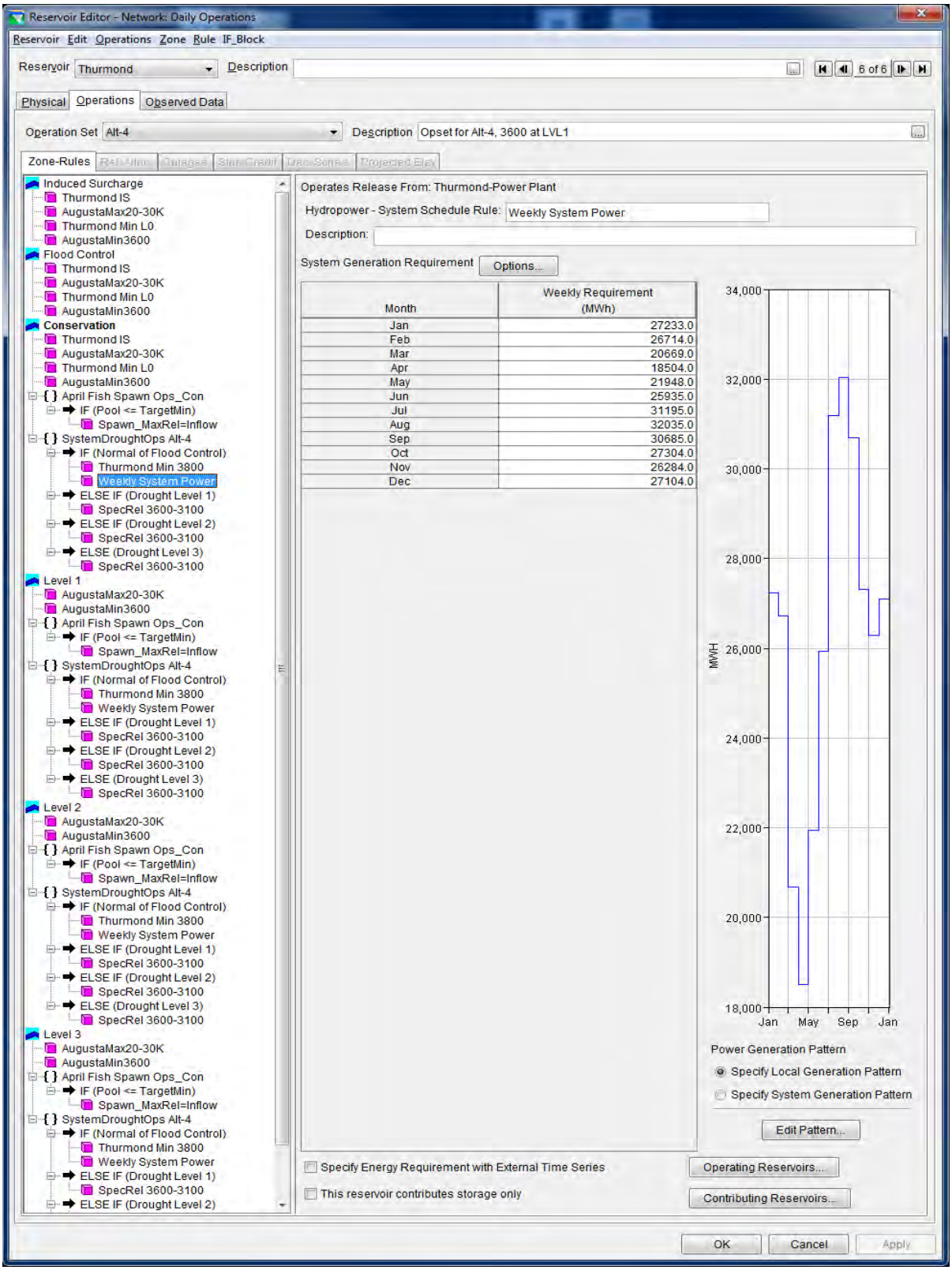
Annex B - Screen 118 (ALT4, Thurmond, Trigger Level 3 Rule Stack)



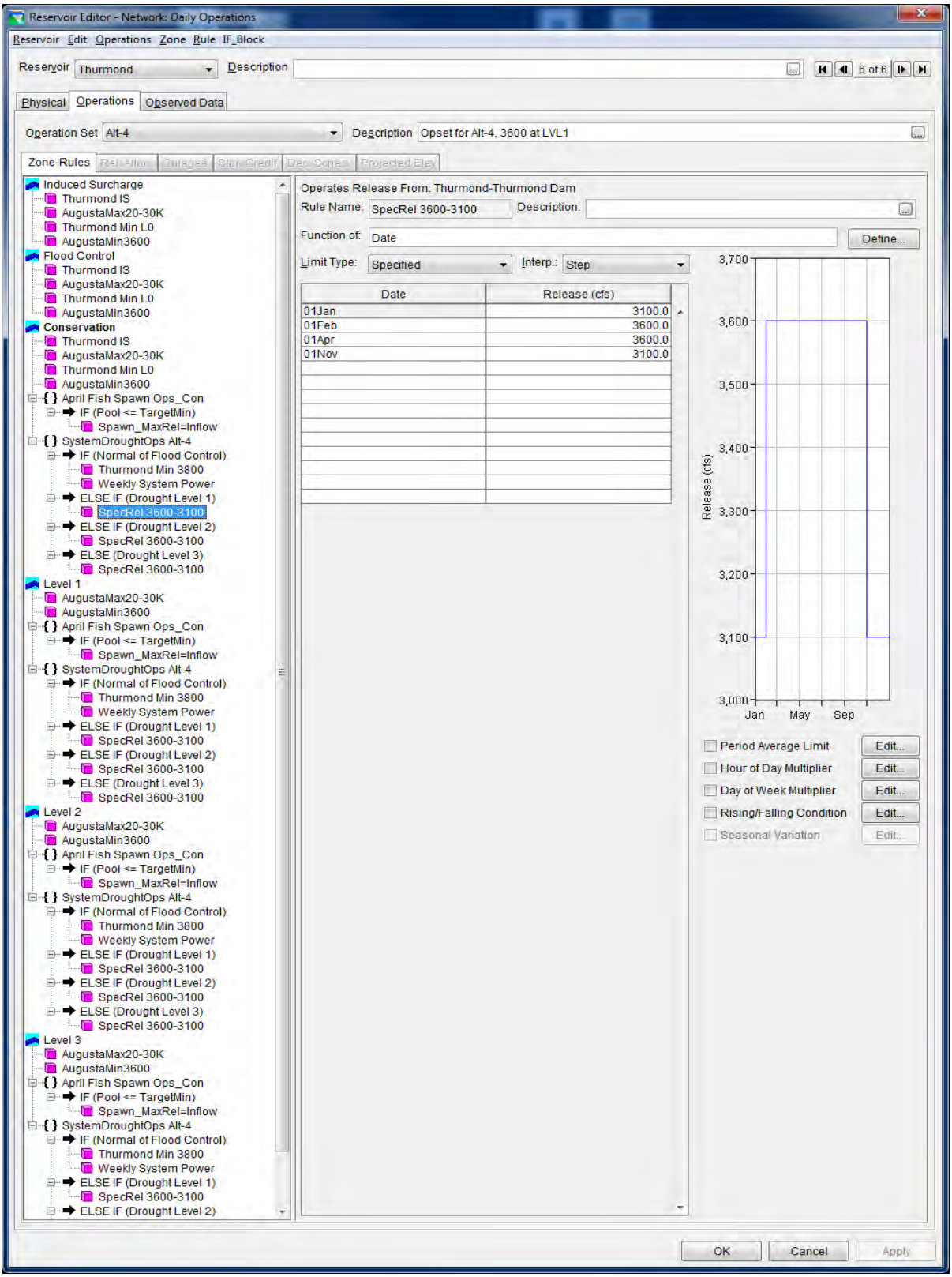
Annex B - Screen 119 (ALT4, Thurmond, Inactive Pool Definition)



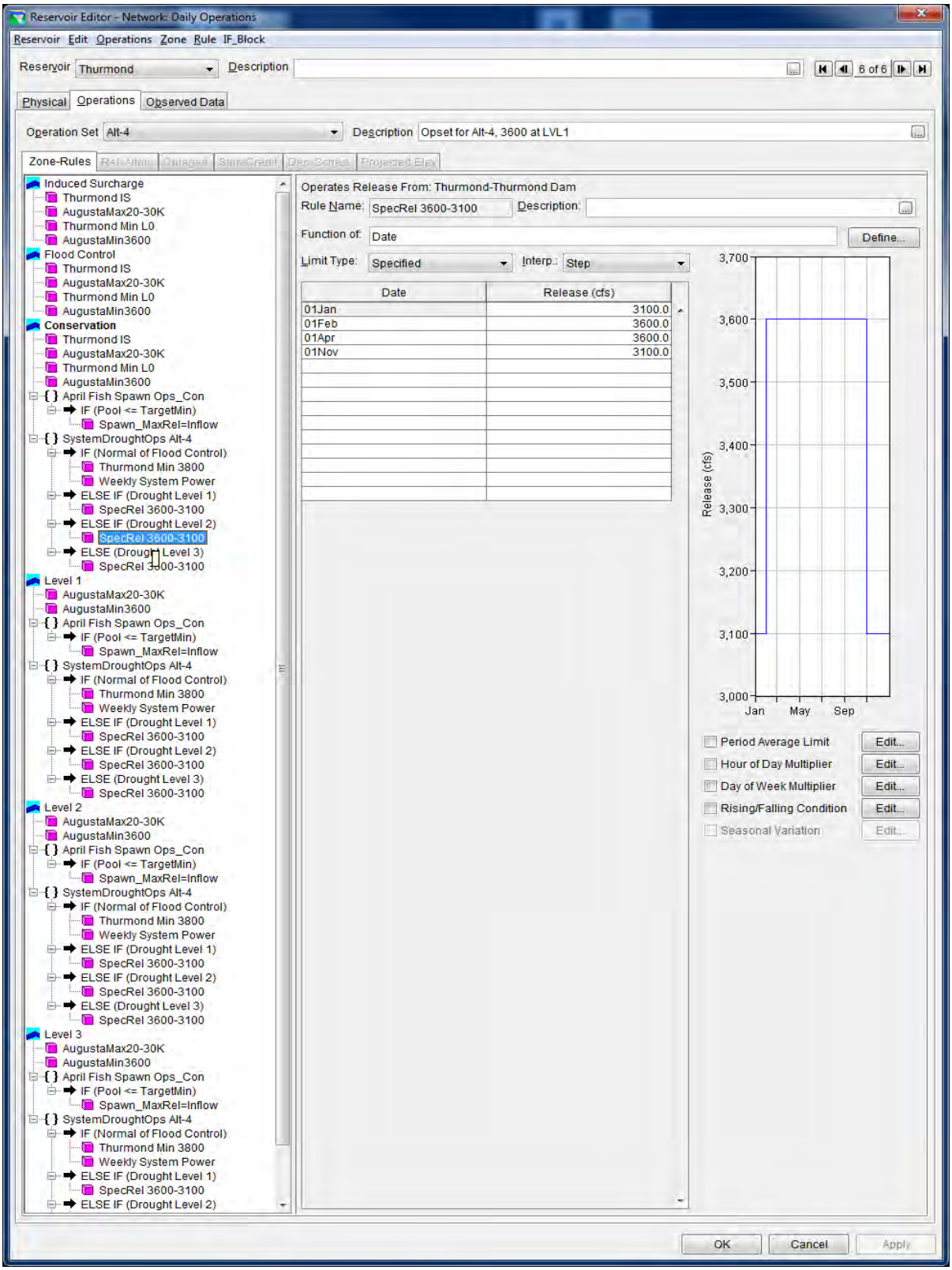
Annex B - Screen 120 (ALT4, Conservation Pool, Thurmond Min 3800 cfs Rule)



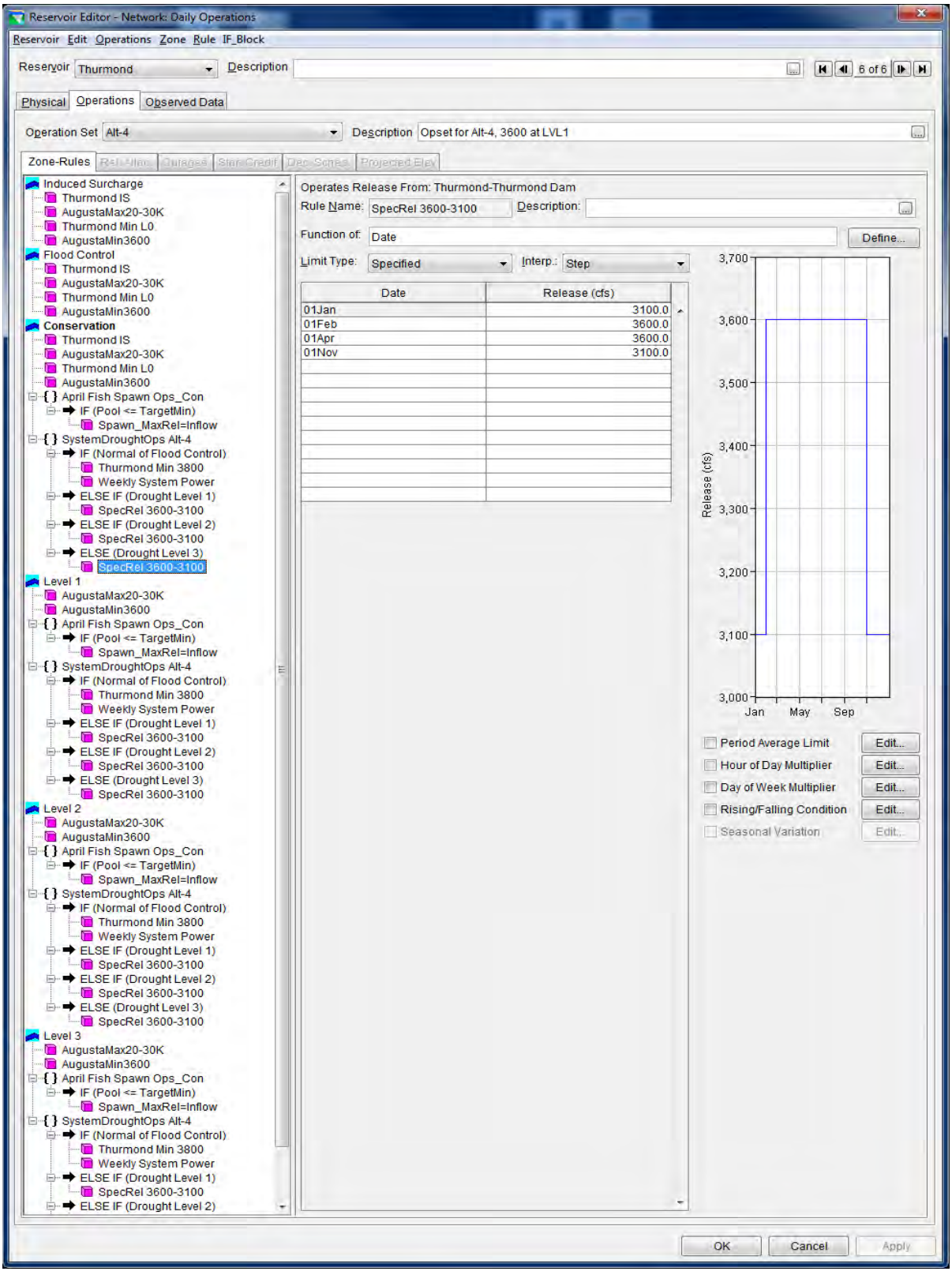
Annex B - Screen 121 (ALT4, Conservation Pool, Weekly System Power Rule)



Annex B - Screen 122 (ALT4, Conservation Pool, Drought Level , 1 SpecRel 3600-3100 cfs Rule)

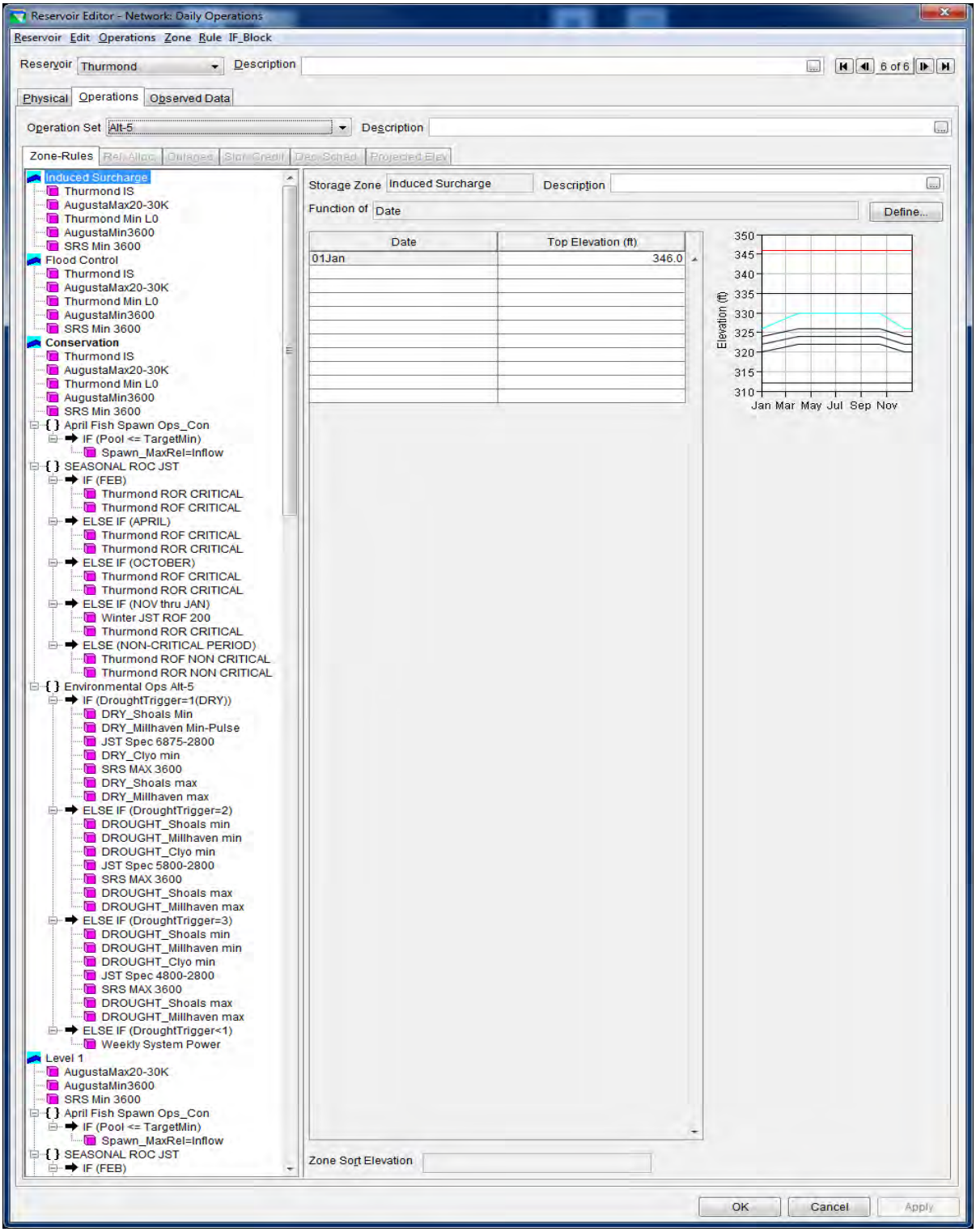


Annex B - Screen 123 (ALT4, Conservation Pool, Drought Level 2, SpecRel 3600-31000 cfs Rule)

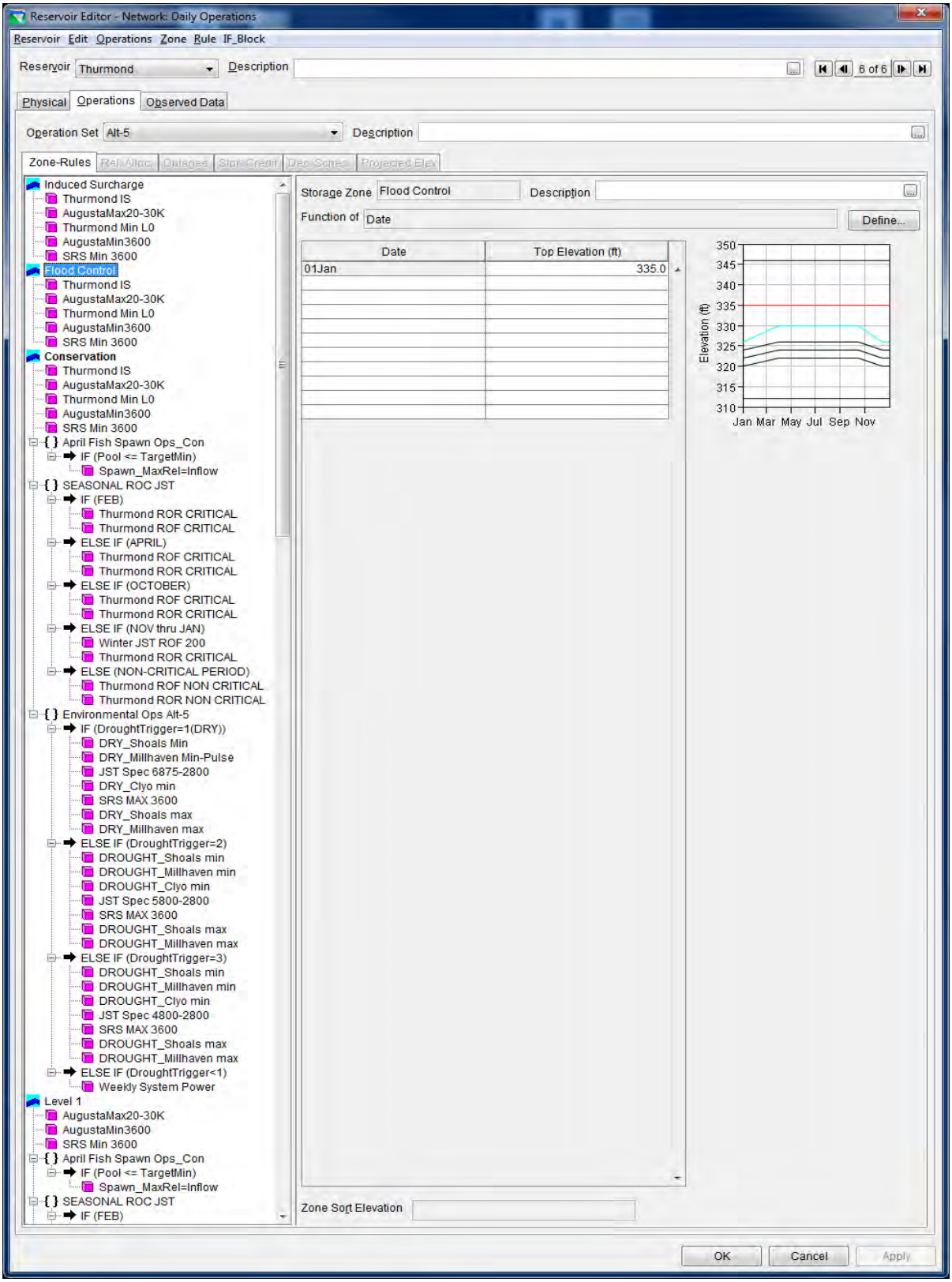


Annex B - Screen 124 (ALT4, Conservation Pool, Drought Level 3, SpecRel 3600- 3100 cfs Rule)

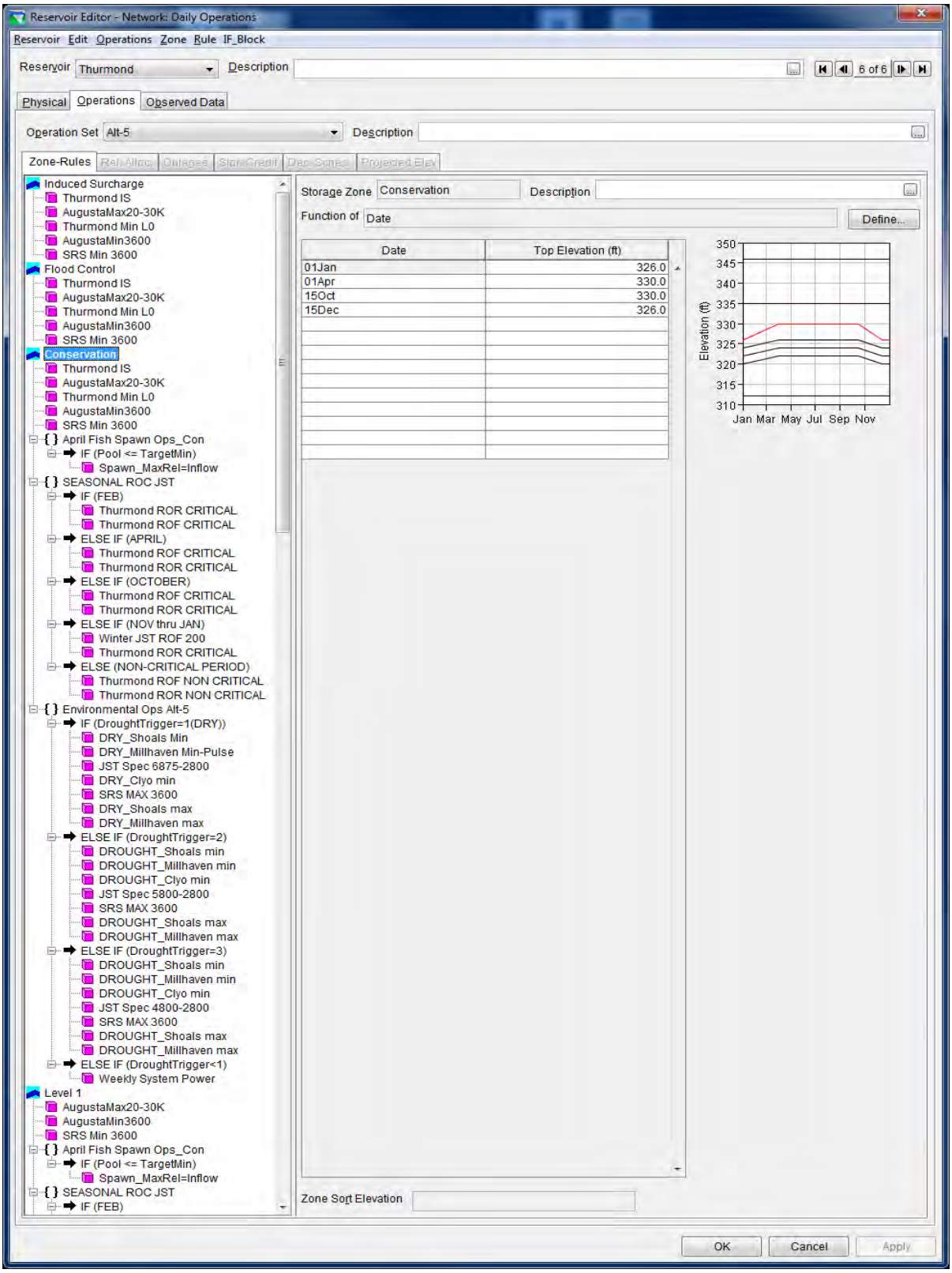
ALT-5



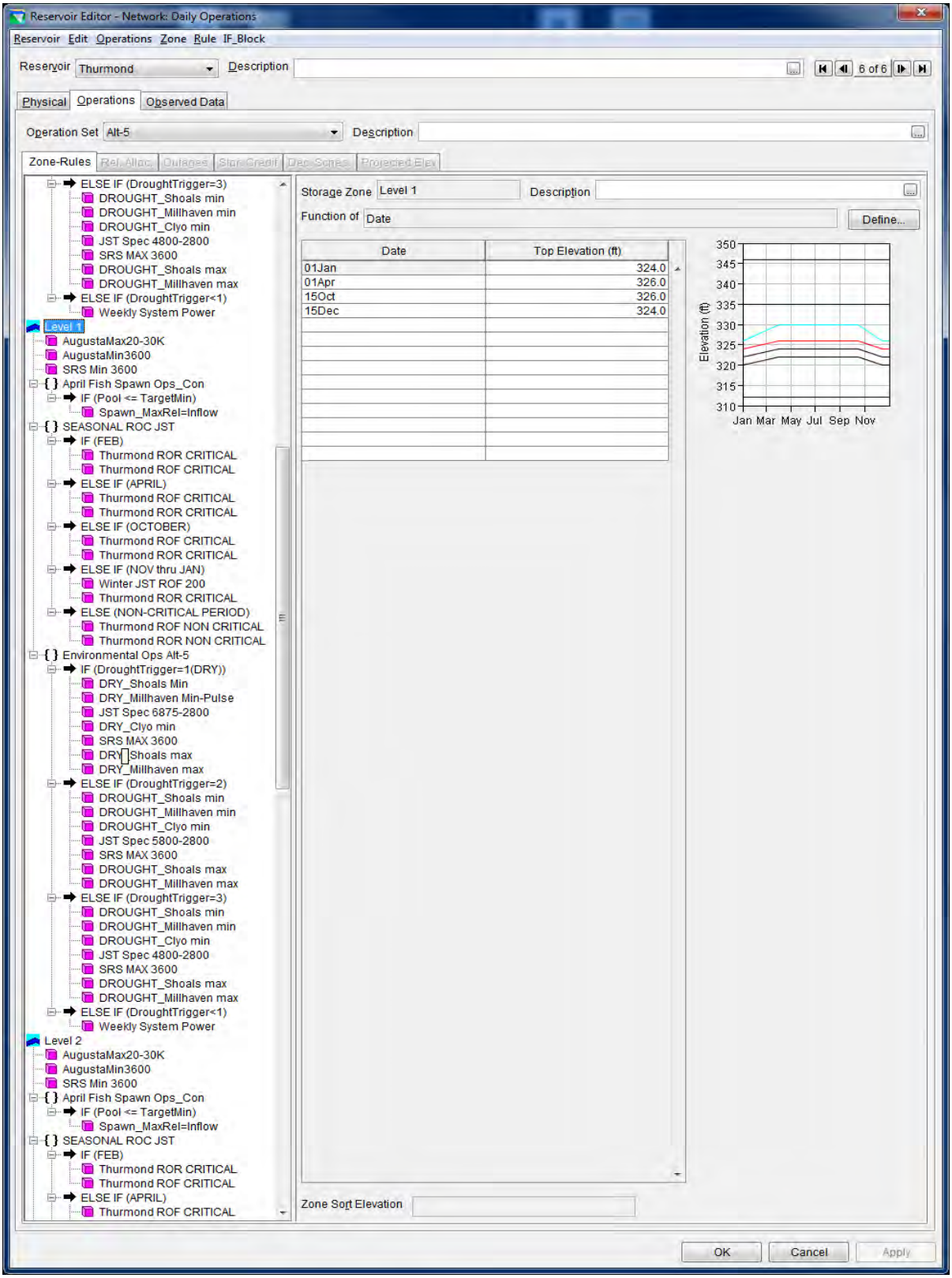
Annex B - Screen 125 (ALT5, Induced Surcharge Pool Rule Stack)



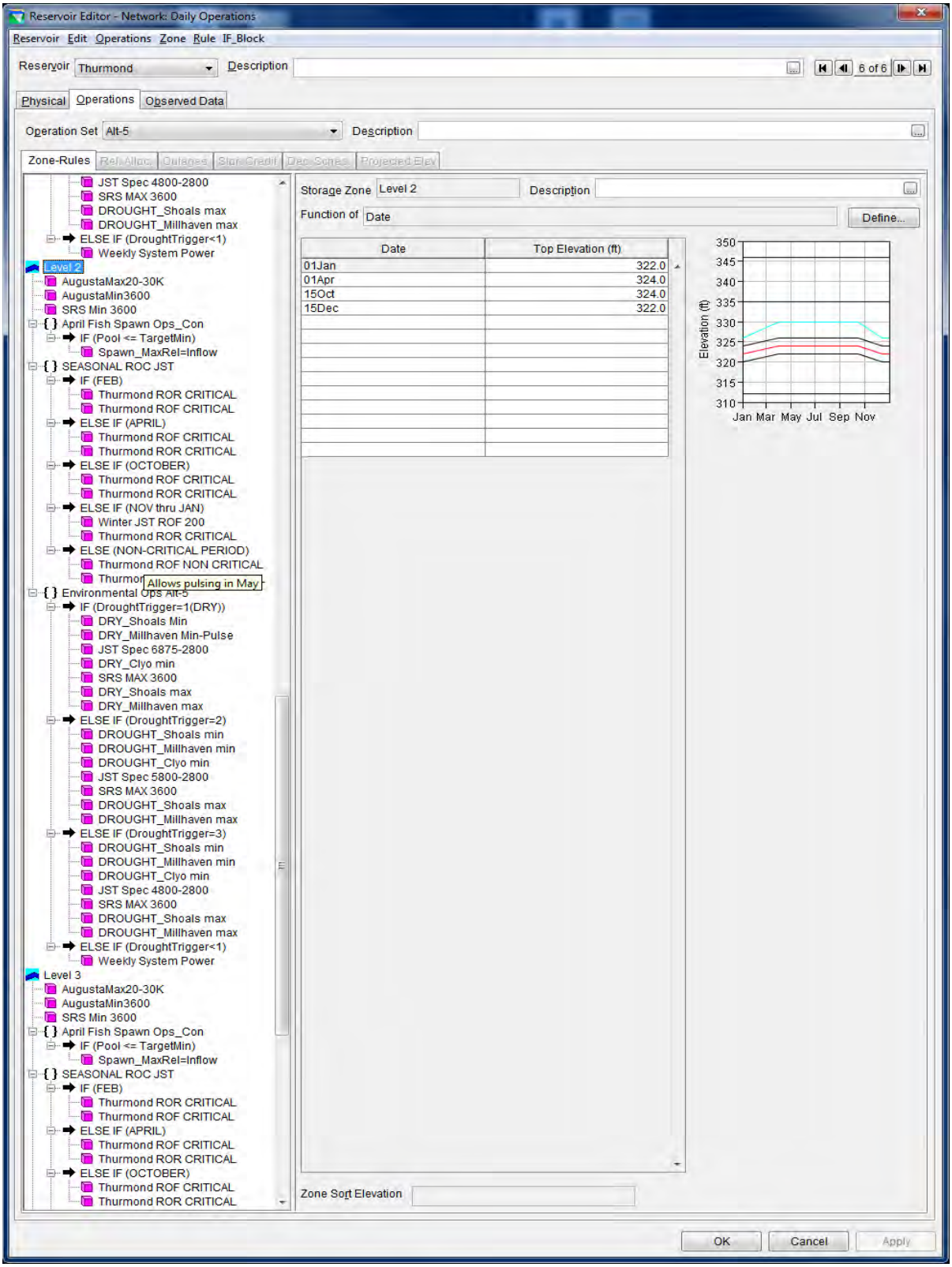
Annex B - Screen 126 (ALT5, Flood Control Pool Rule Stack)



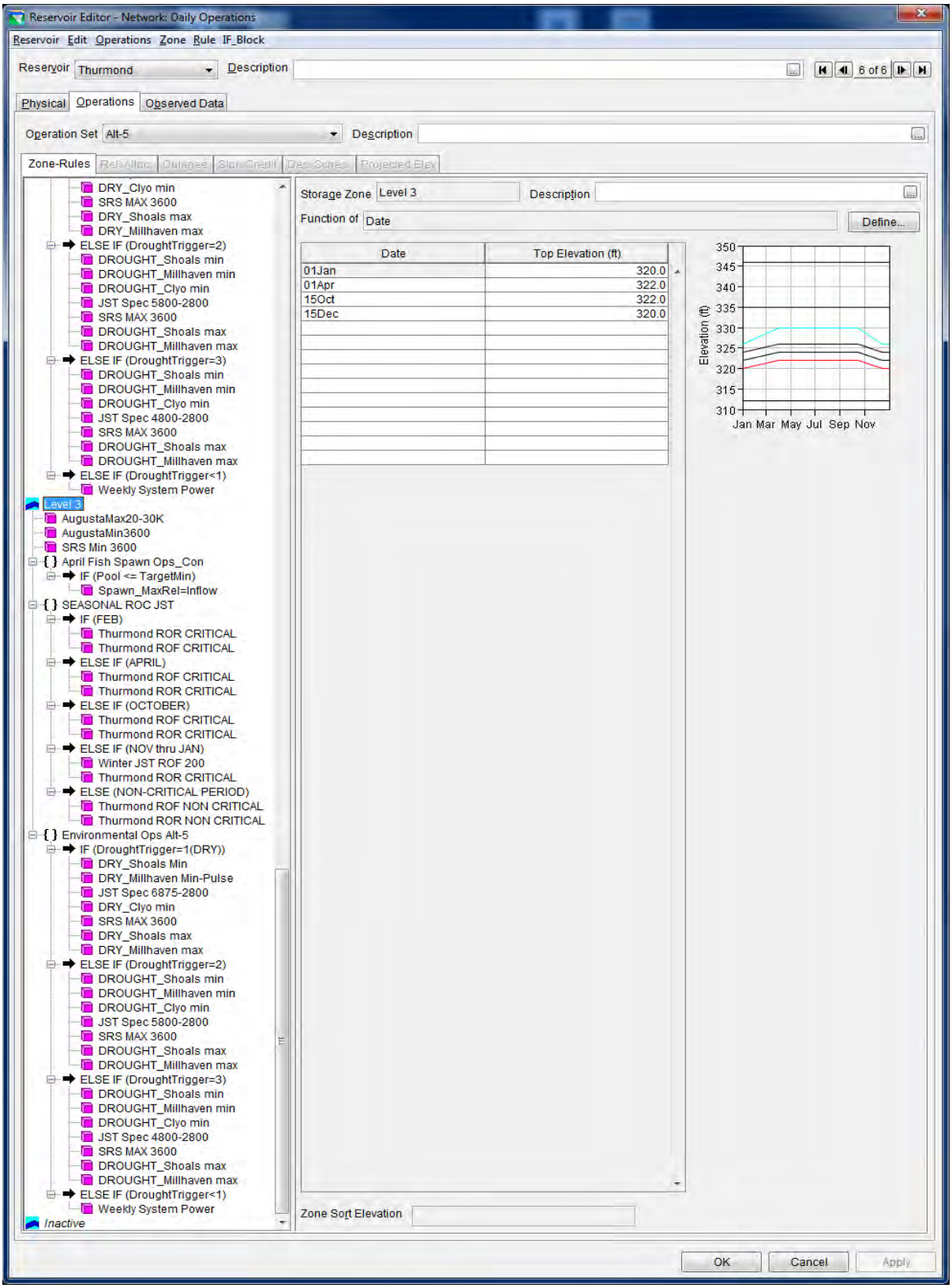
Annex B - Screen 127 (ALT5, Conservation Pool Rule Stack)



Annex B - Screen 128 (ALT5, Trigger Level 1 Rule Stack)

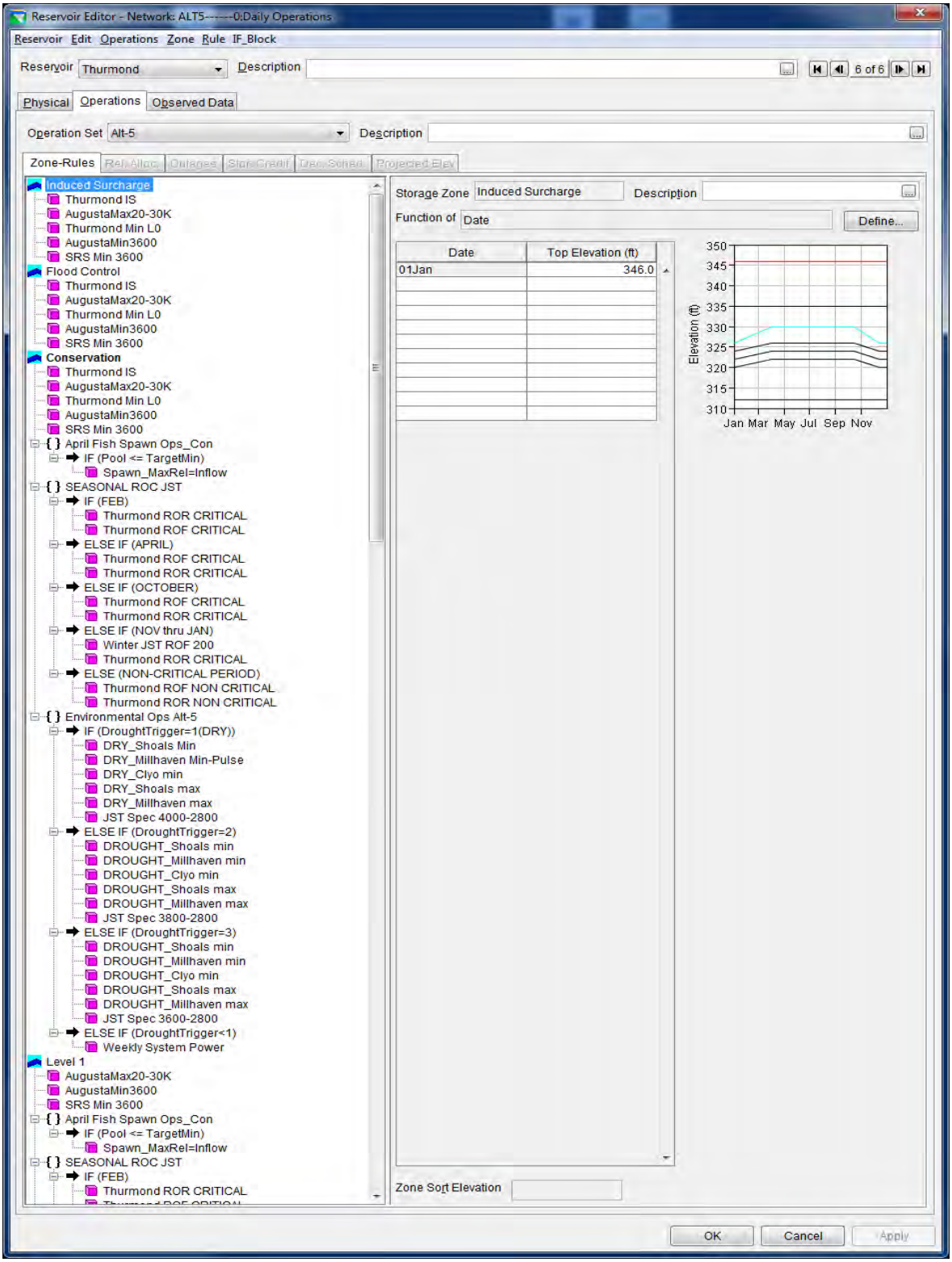


Annex B - Screen 129 (ALT5, Trigger Level 2 Rule Stack)

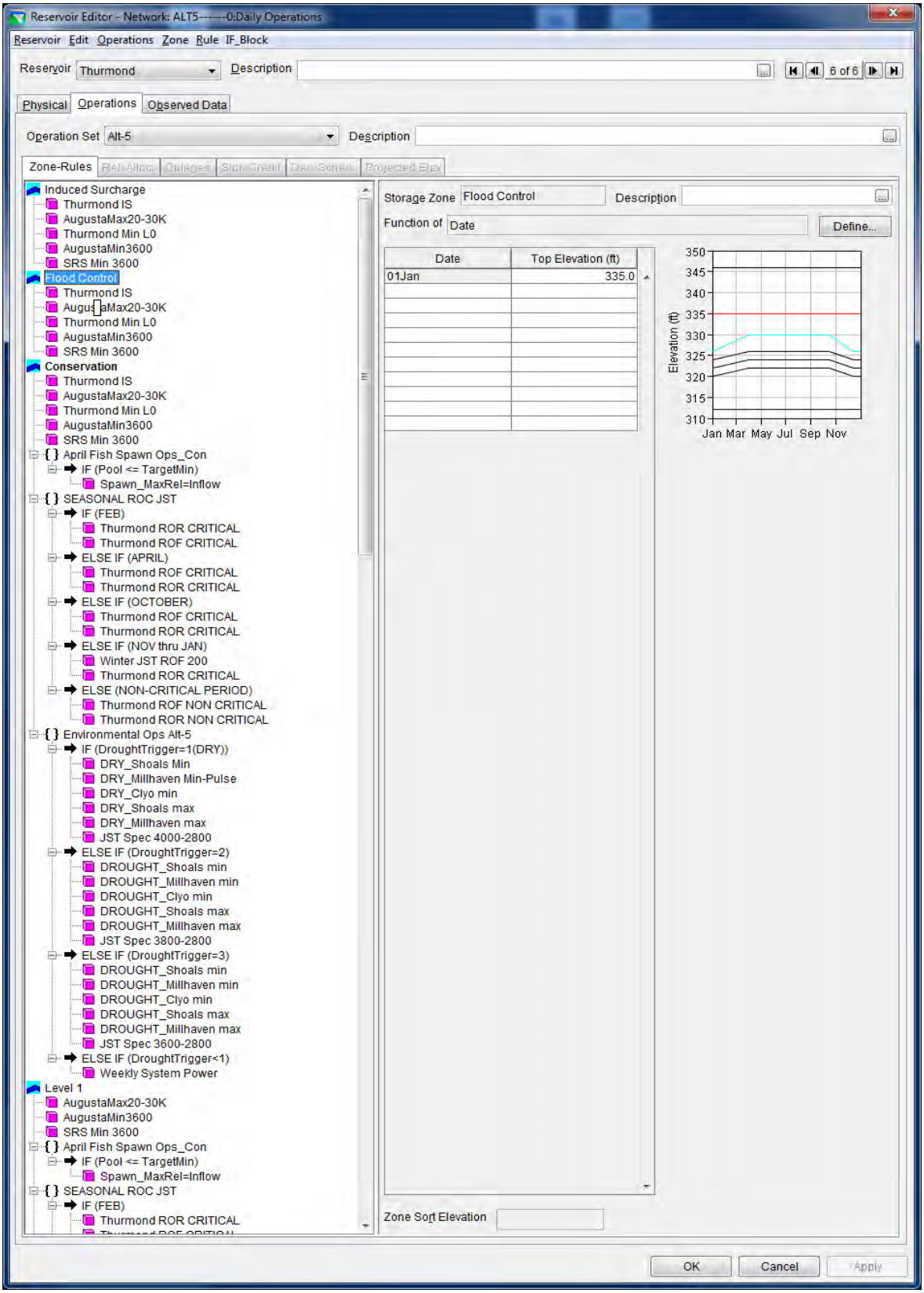


Annex B - Screen 130 (ALT5, Trigger Level 3 Rule Stack)

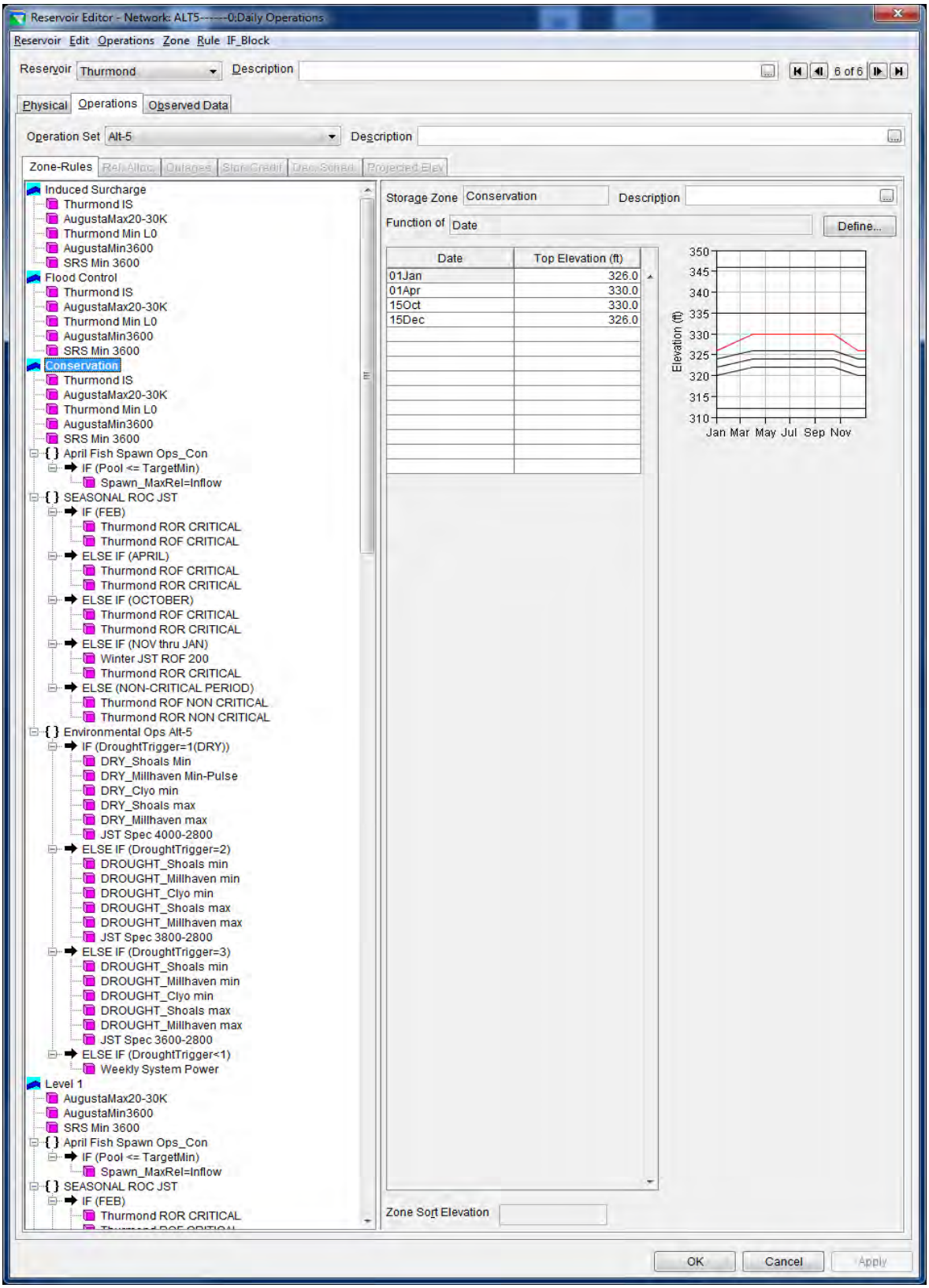
ALT-5



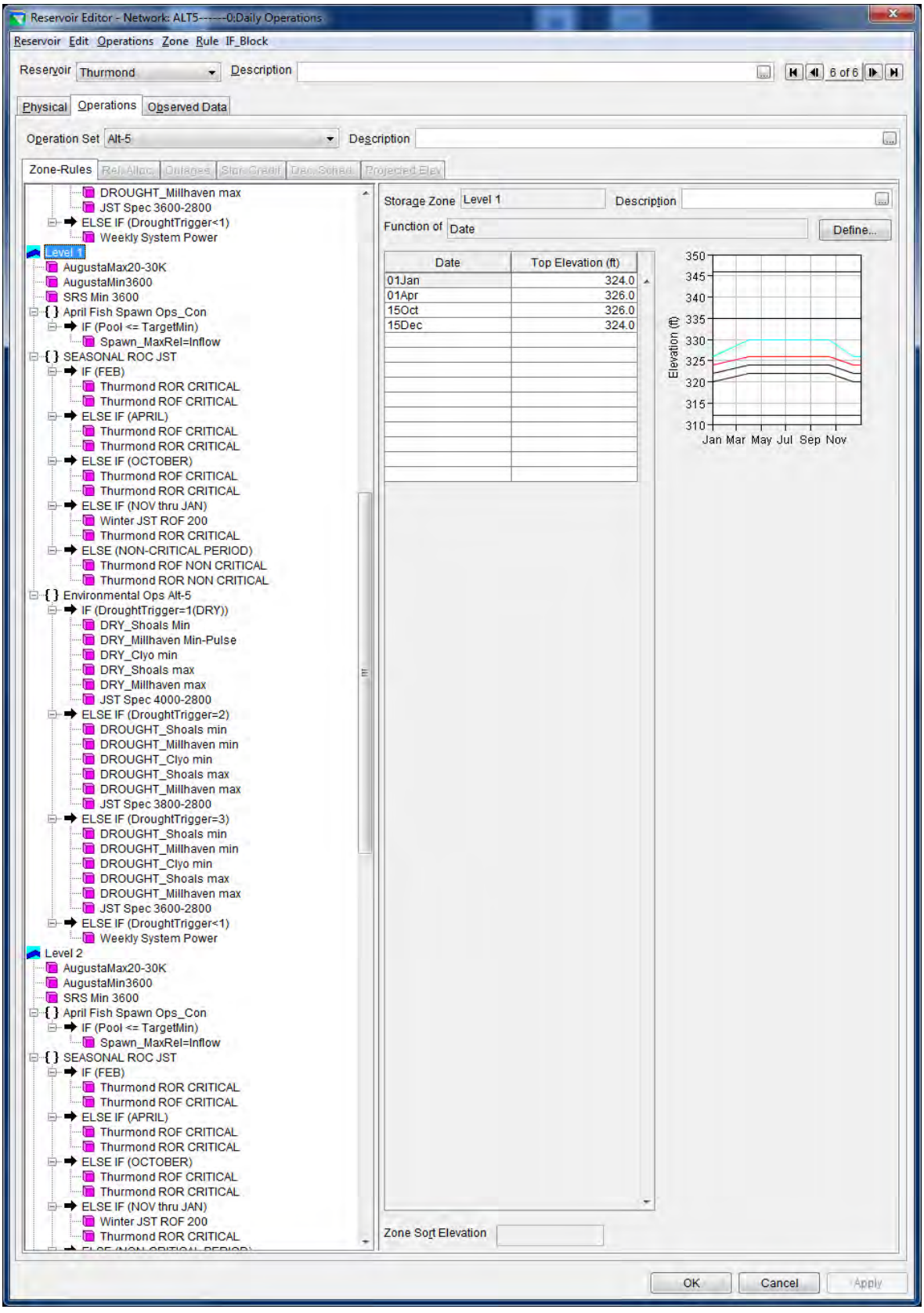
Annex B - Screen 131 (ALT5, Induced Surcharge Rule Stack)



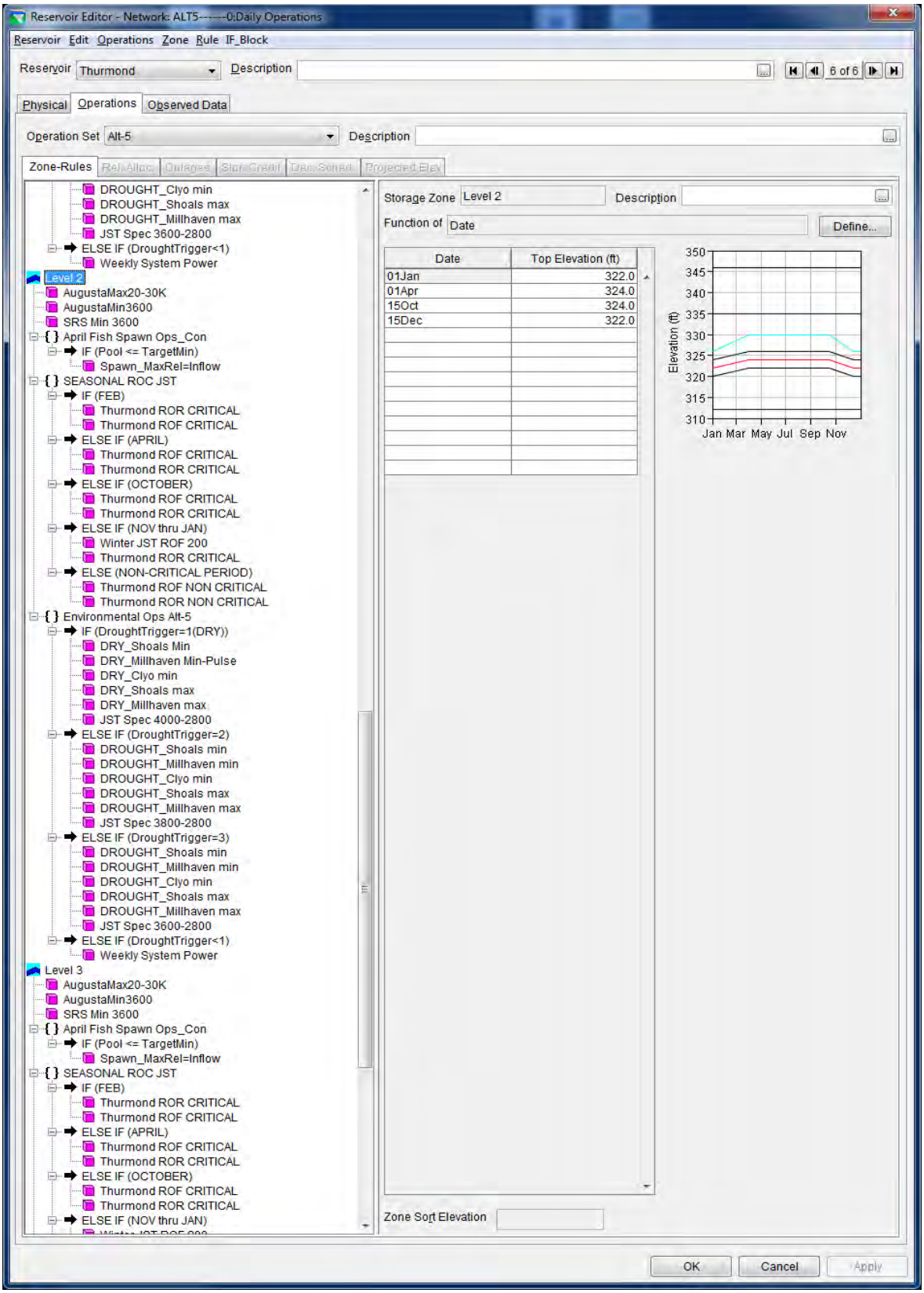
Annex B - Screen 132 (ALT5, Flood Control Pool Rule Stack)



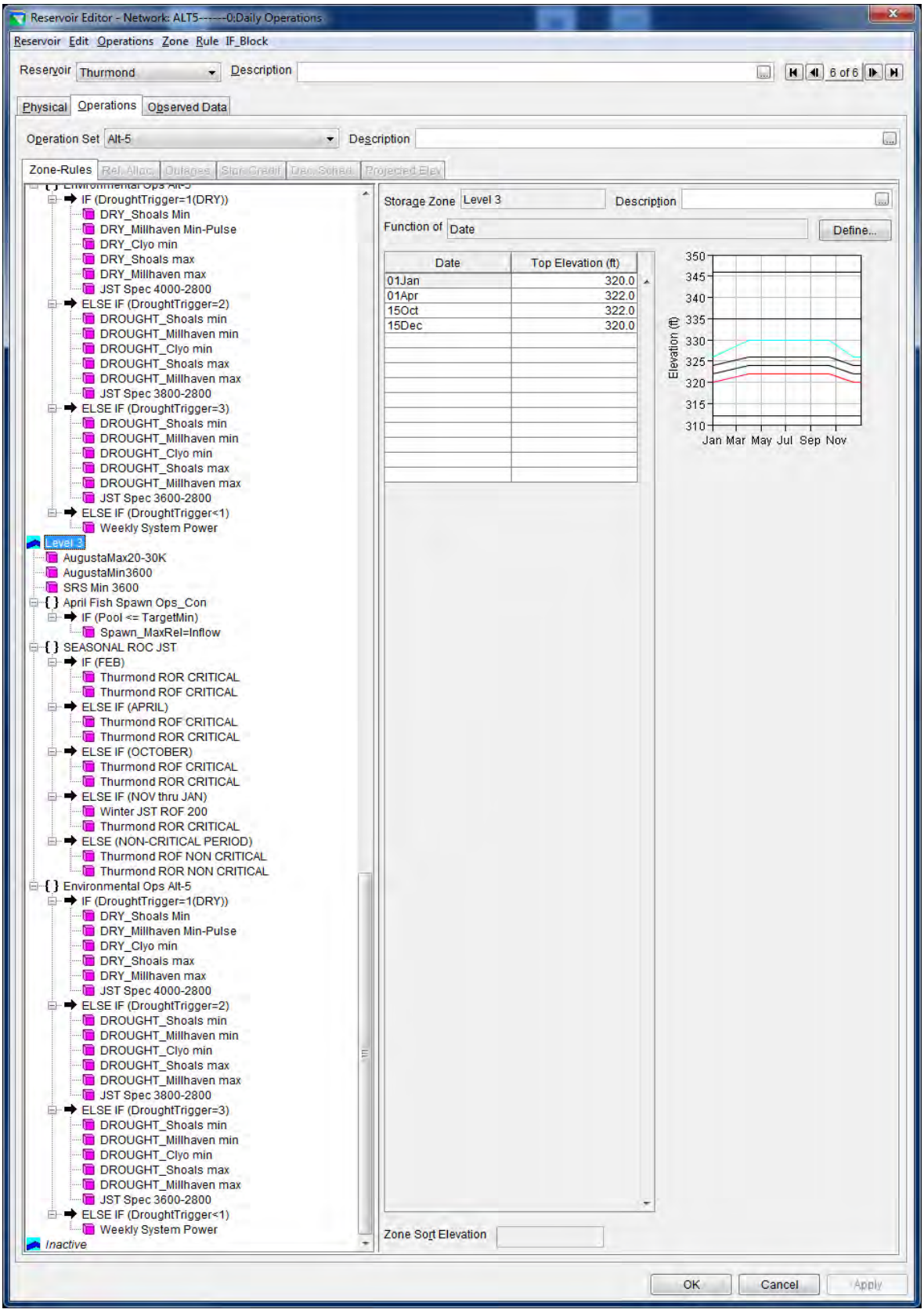
Annex B - Screen 133 (ALT5, Conservation Pool Rule Stack)



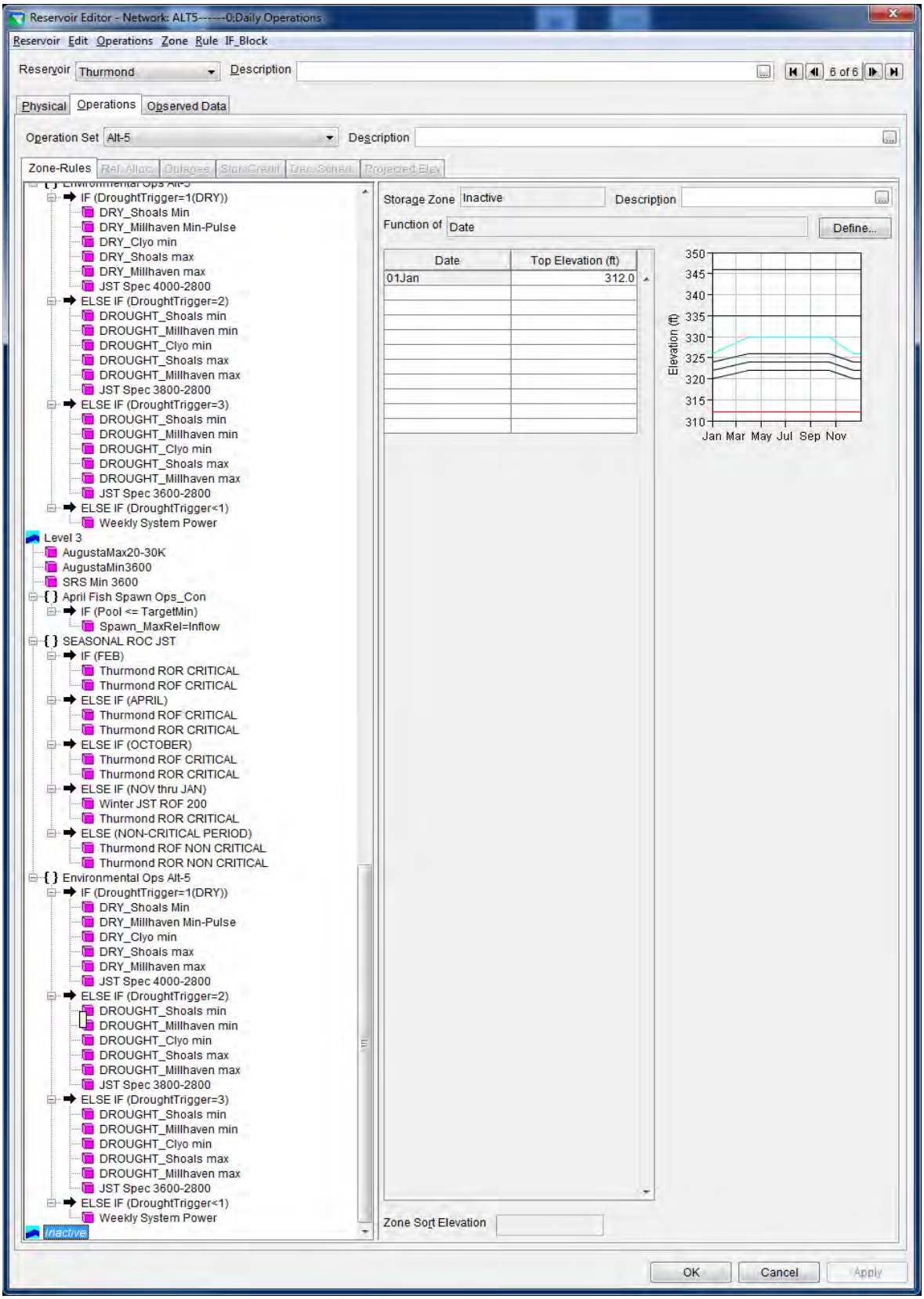
Annex B - Screen 134 (ALT5, Trigger Level 1 Rule Stack)



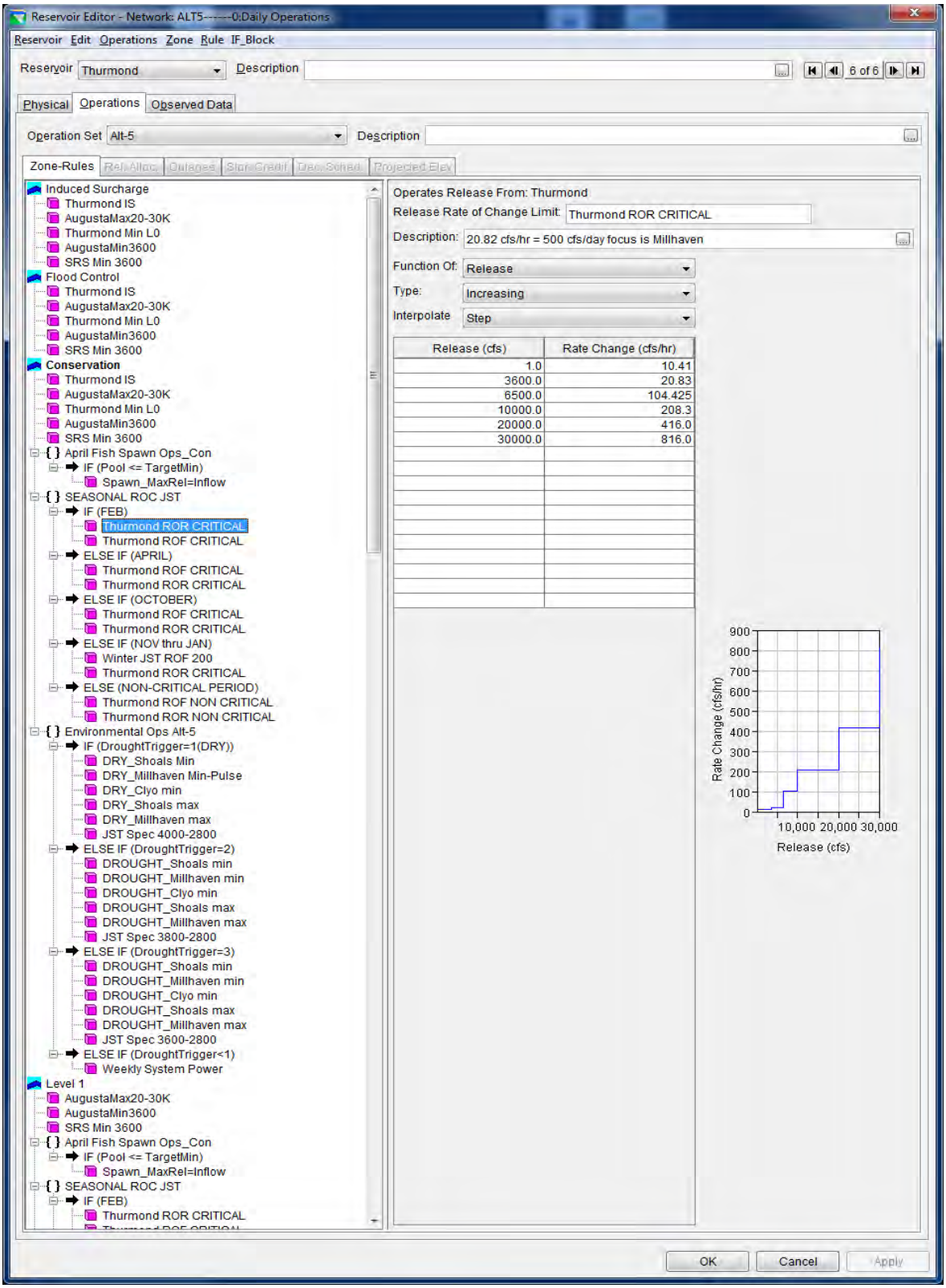
Annex B - Screen 135 (ALT5, Trigger Level 2 Rule Stack)



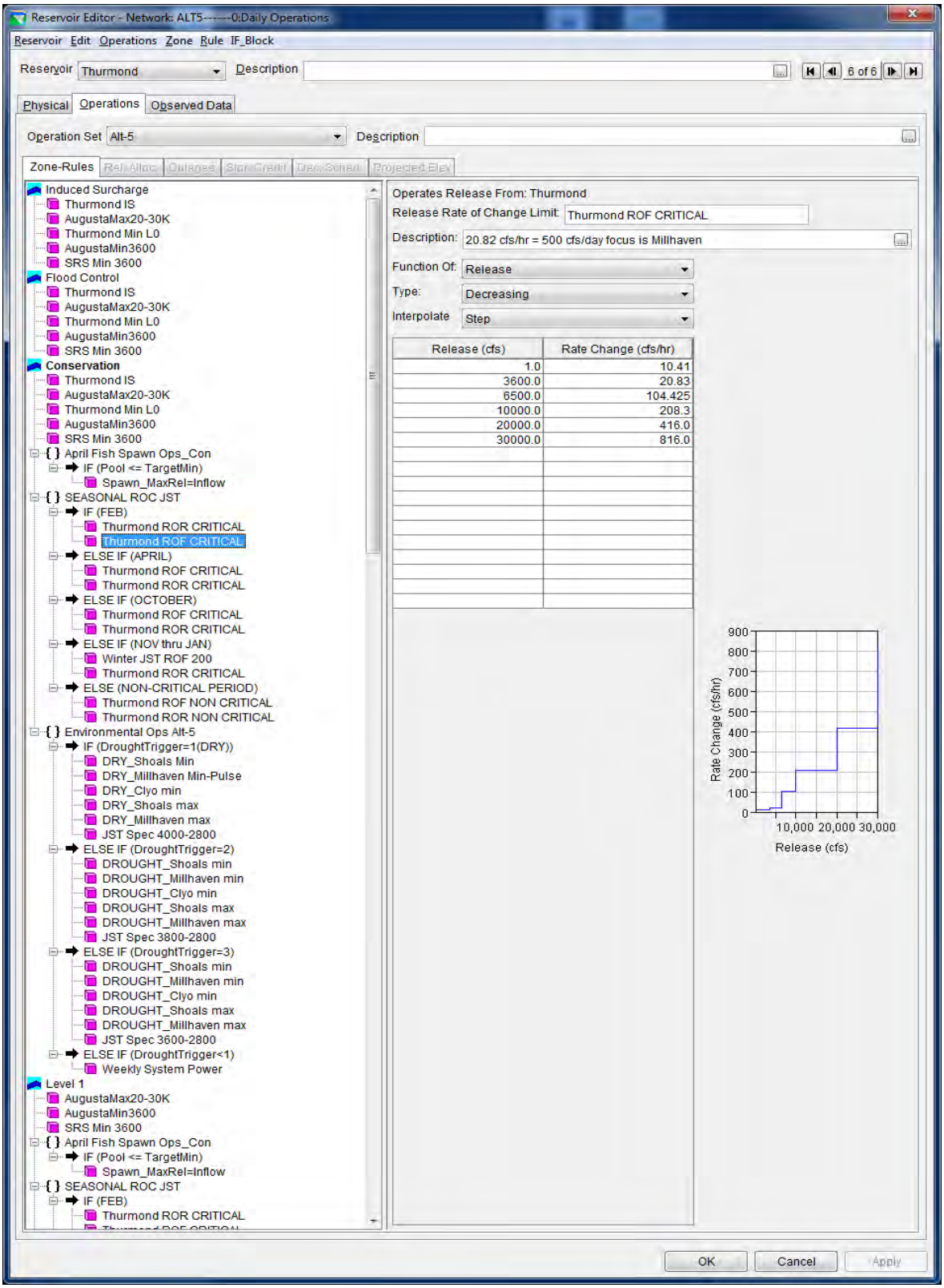
Annex B - Screen 136 (ALT5, Trigger Level 3 Rule Stack)



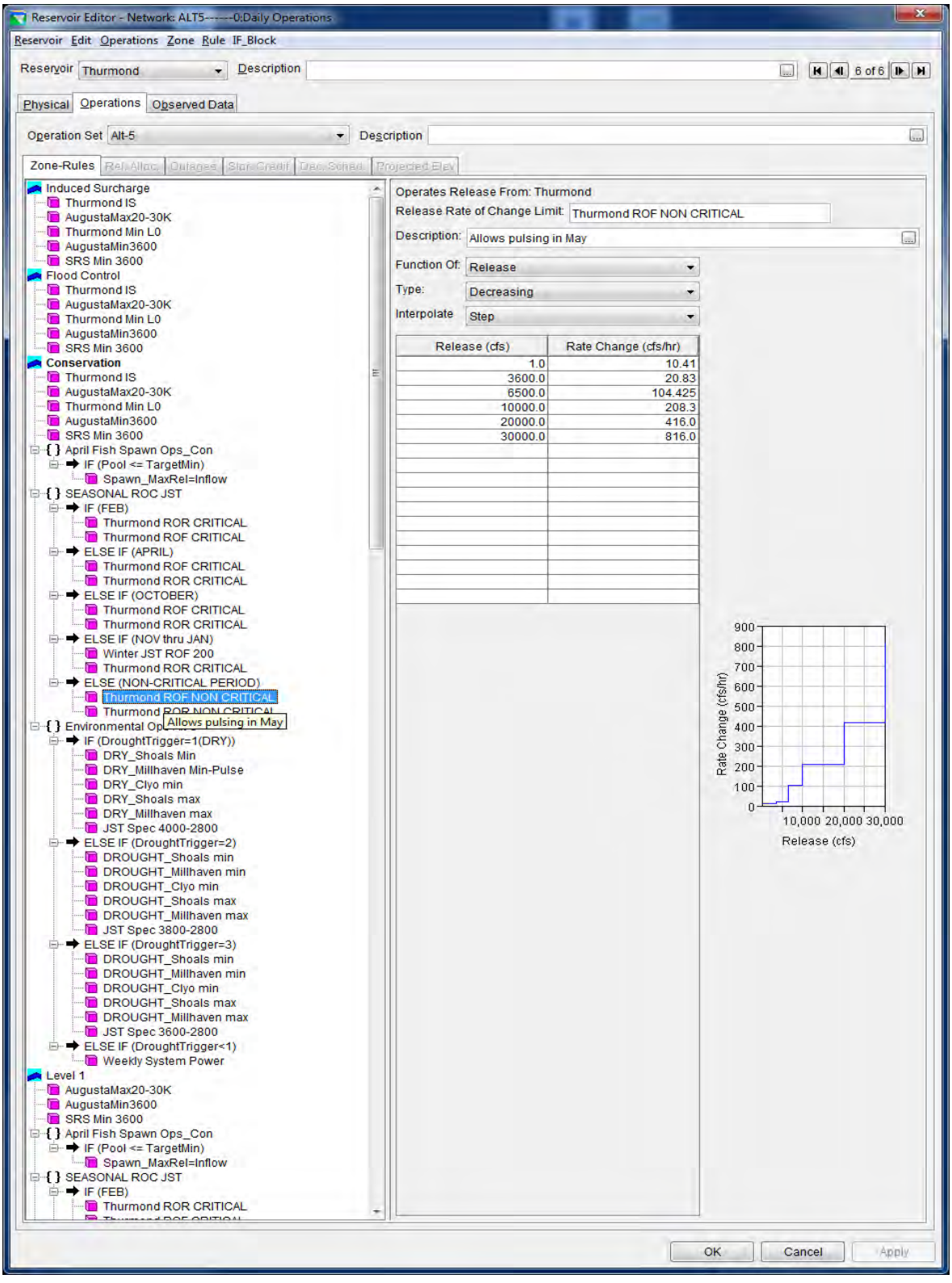
Annex B - Screen 137 (ALT5, Inactive Pool Definition)



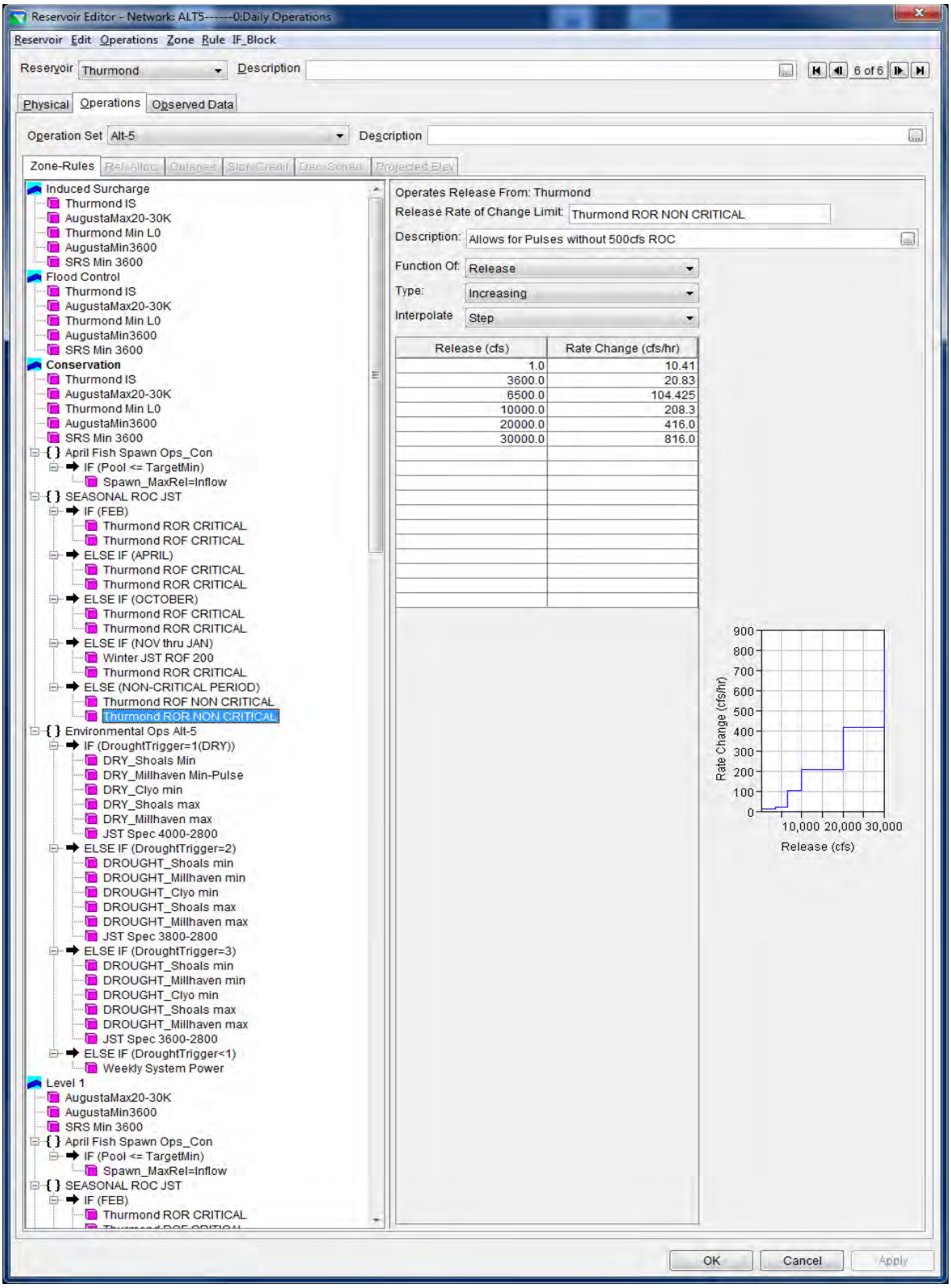
Annex B - Screen 138 (ALT5, Conservation Seasonal Rate of Change, Thurmond, Rate of Rise Critical Rule)



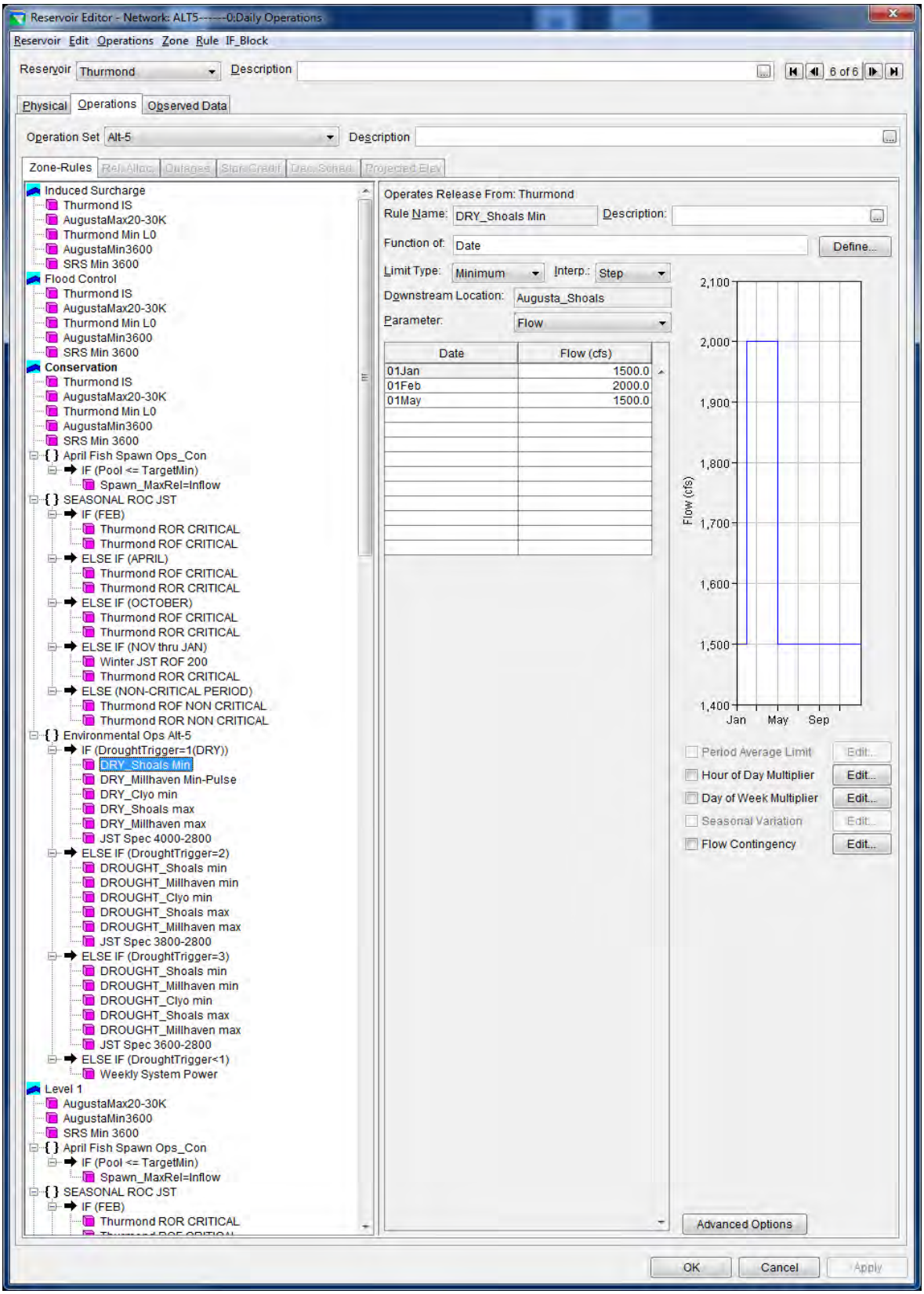
Annex B - Screen 139 (ALT5, Conservation Seasonal Rate of Change, Thurmond, Rate of Fall Critical Rule)



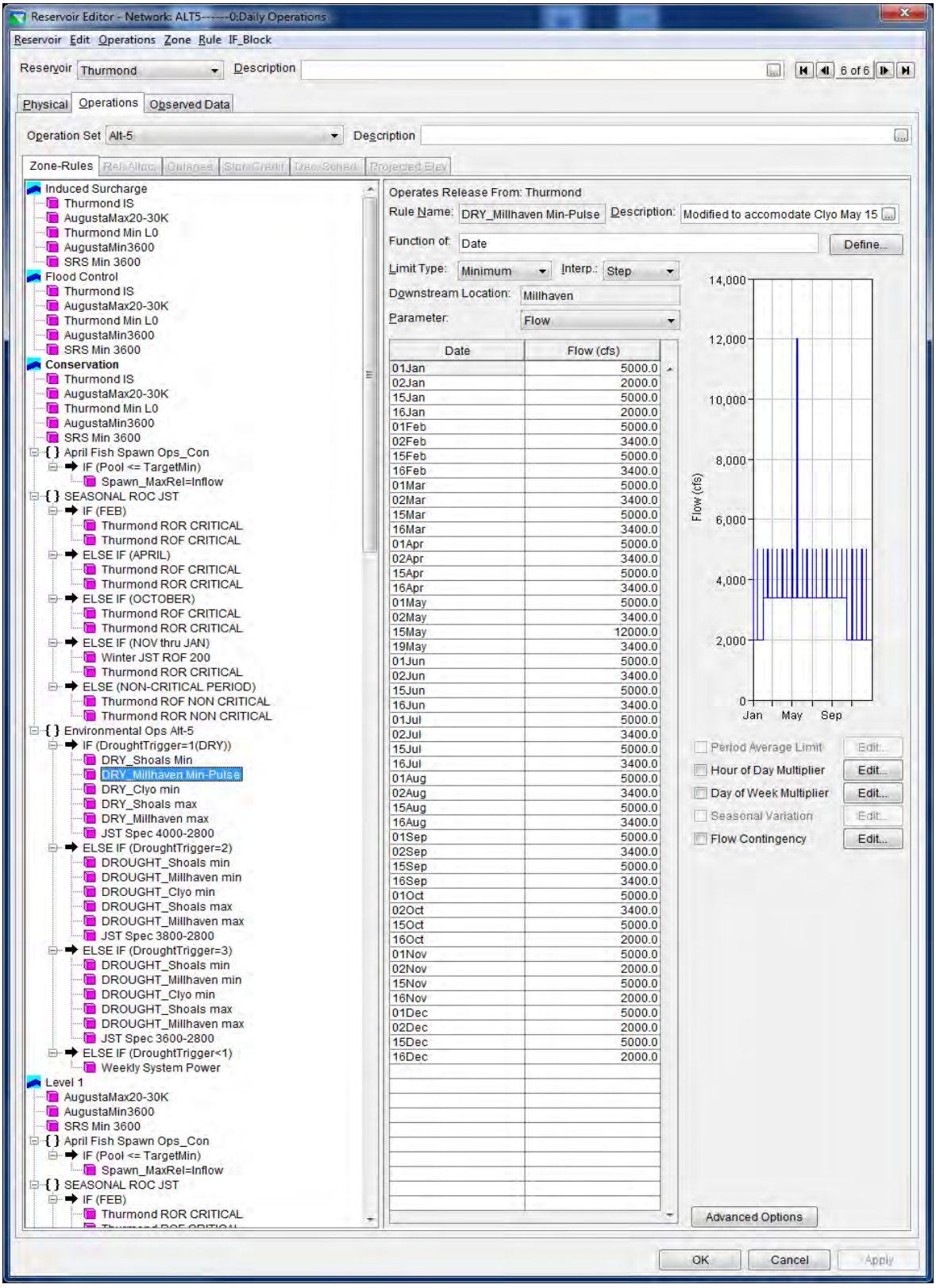
Annex B - Screen 140 (ALT5, Conservation Seasonal Rate of Change, Thurmond, Rate of Fall Non-Critical Rule)



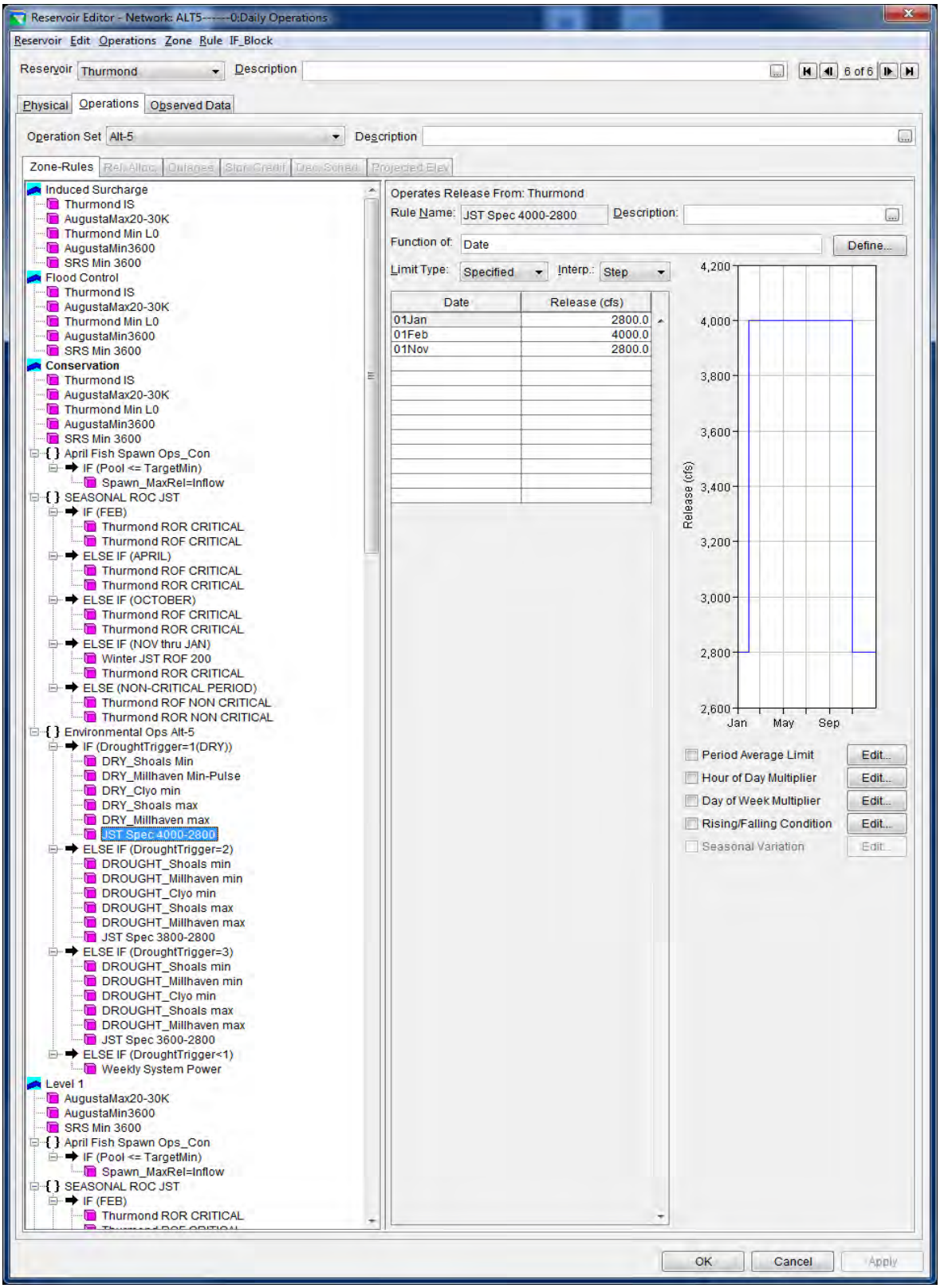
Annex B - Screen 141 (ALT5, Conservation Seasonal Rate of Change, Thurmond, Rate of Rise Non-Critical Rule)



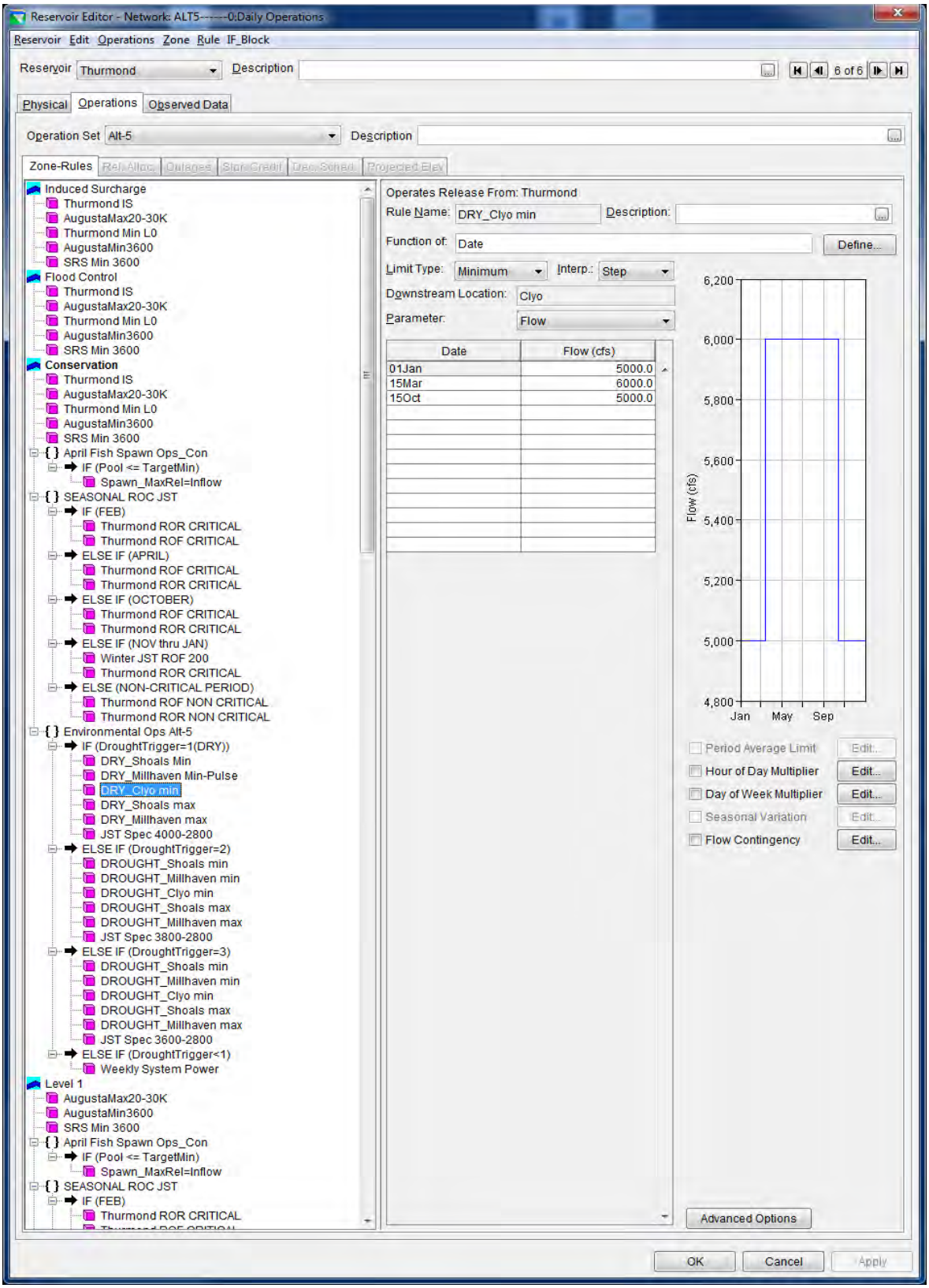
Annex B - Screen 142 (ALT5, Dry Conditions, Shoals, Min Rule)



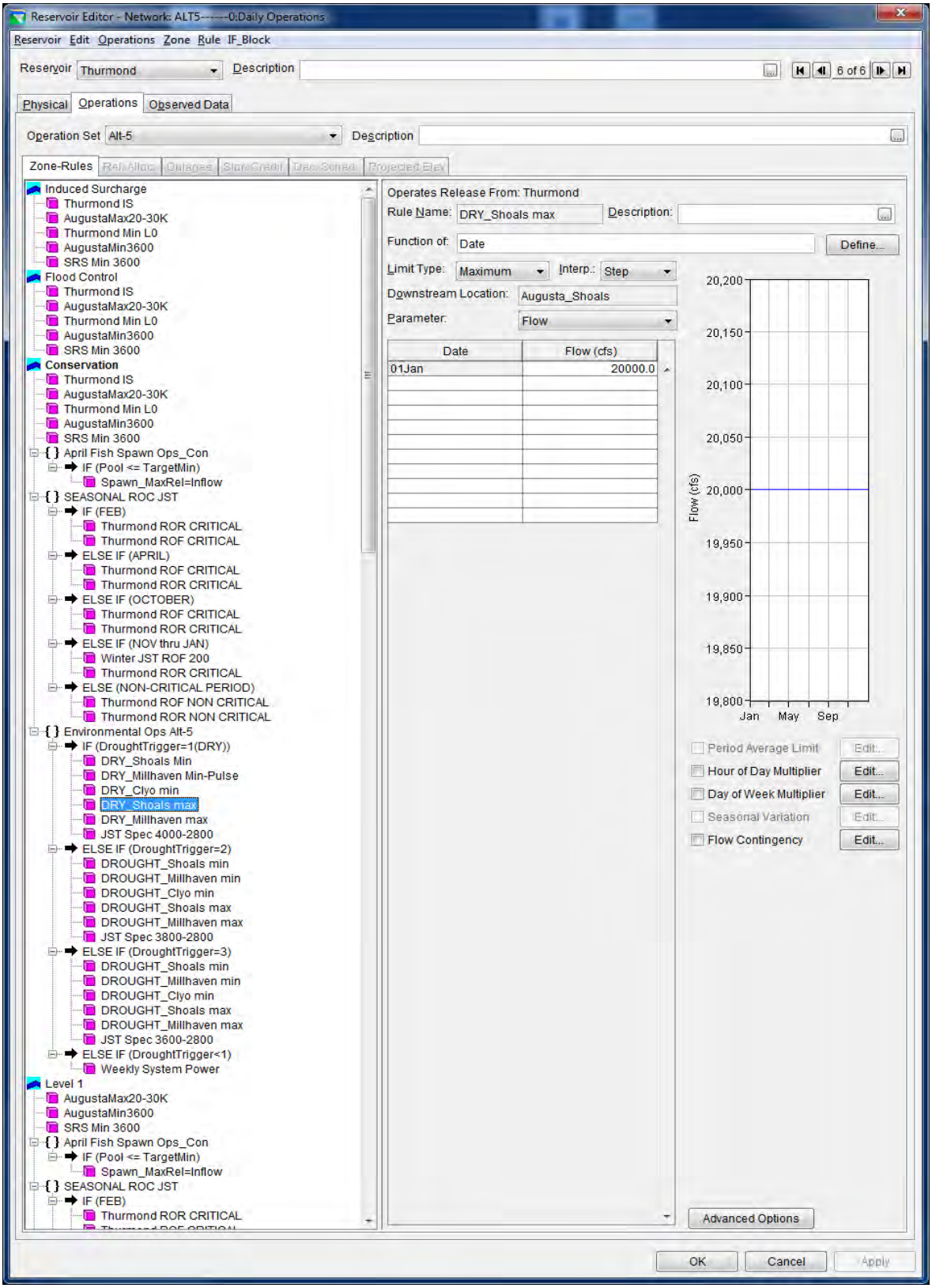
Annex B - Screen 143 (ALT5, Dry Conditions, Millhaven, Min-Pulse Rule)



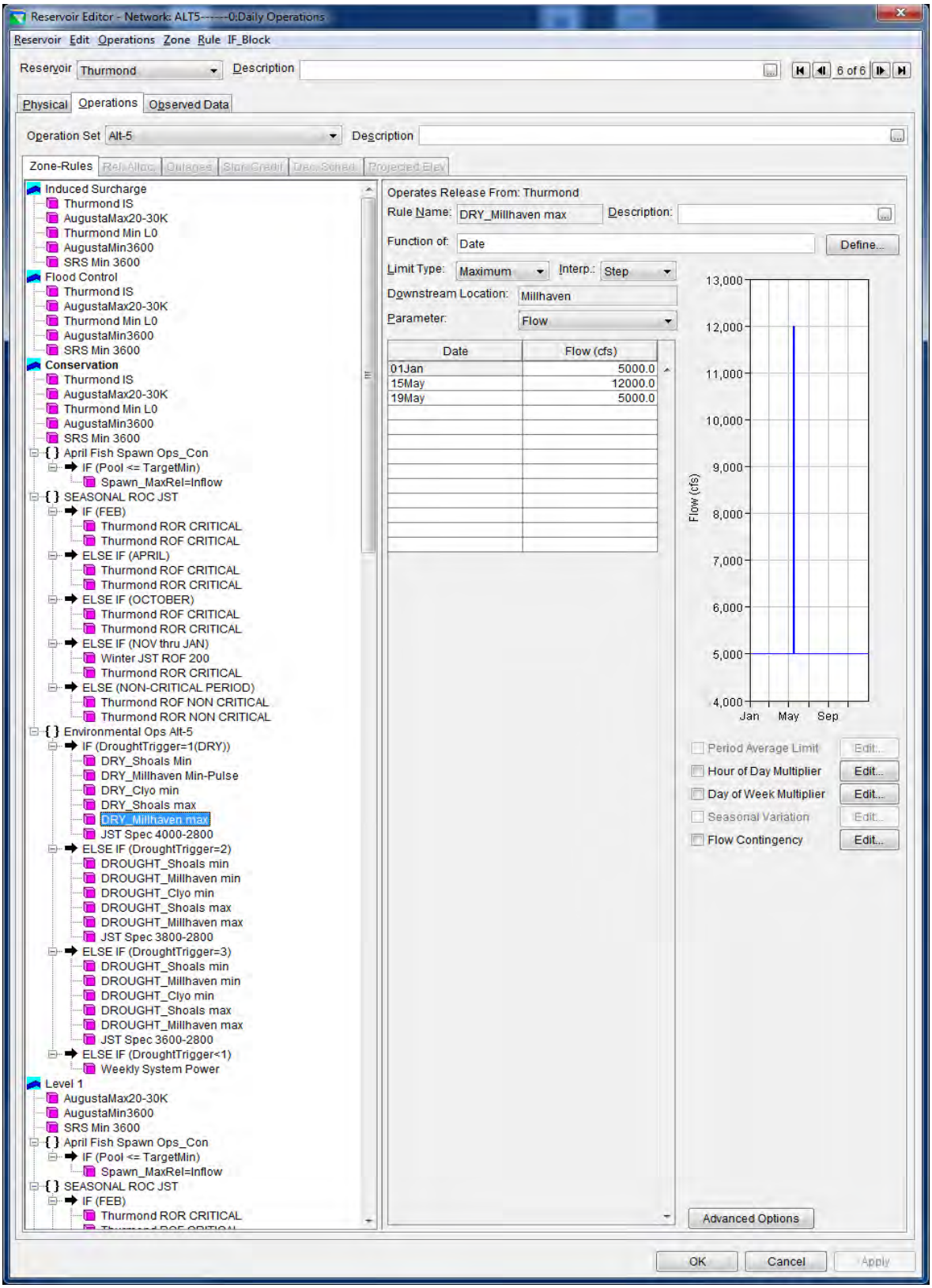
Annex B - Screen 144 (ALT5, Dry Conditions, Thurmond, 4000-2800 cfs Rule)



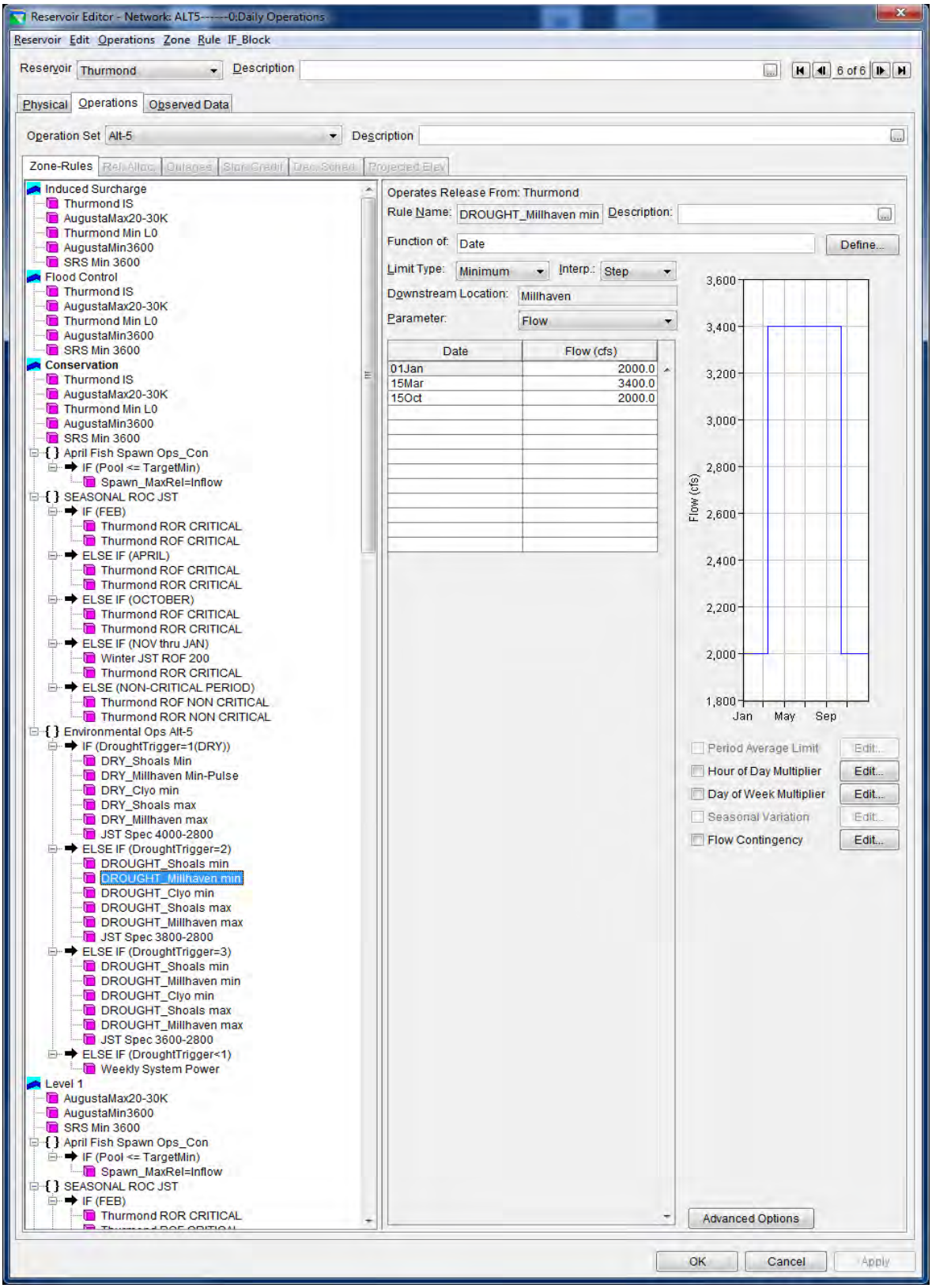
Annex B - Screen 145 (ALT5, Dry Conditionsk, Clyo, Min Rule)



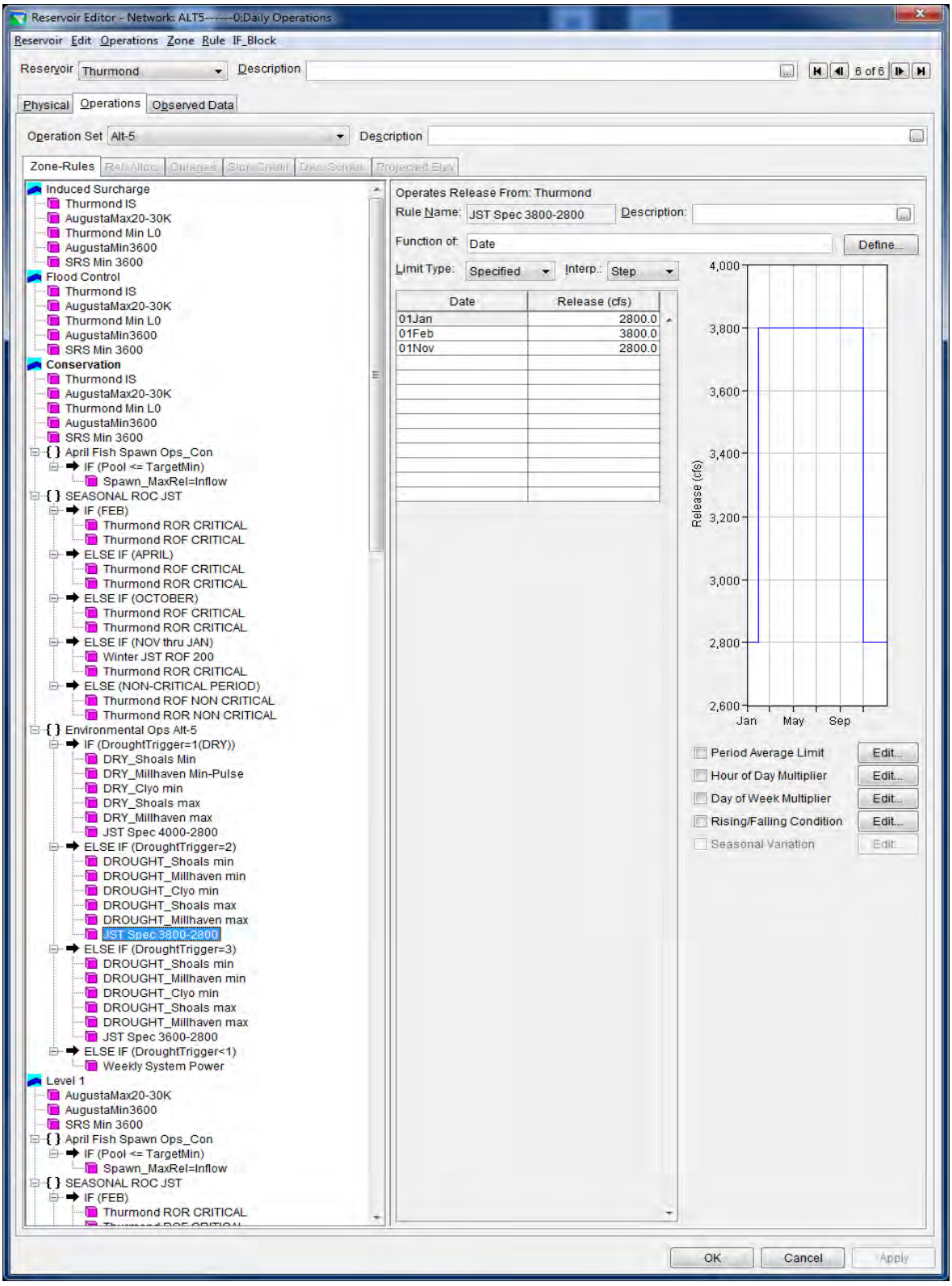
Annex B - Screen 146 (ALT5, Dry Conditions, Shoals, Max Rule)



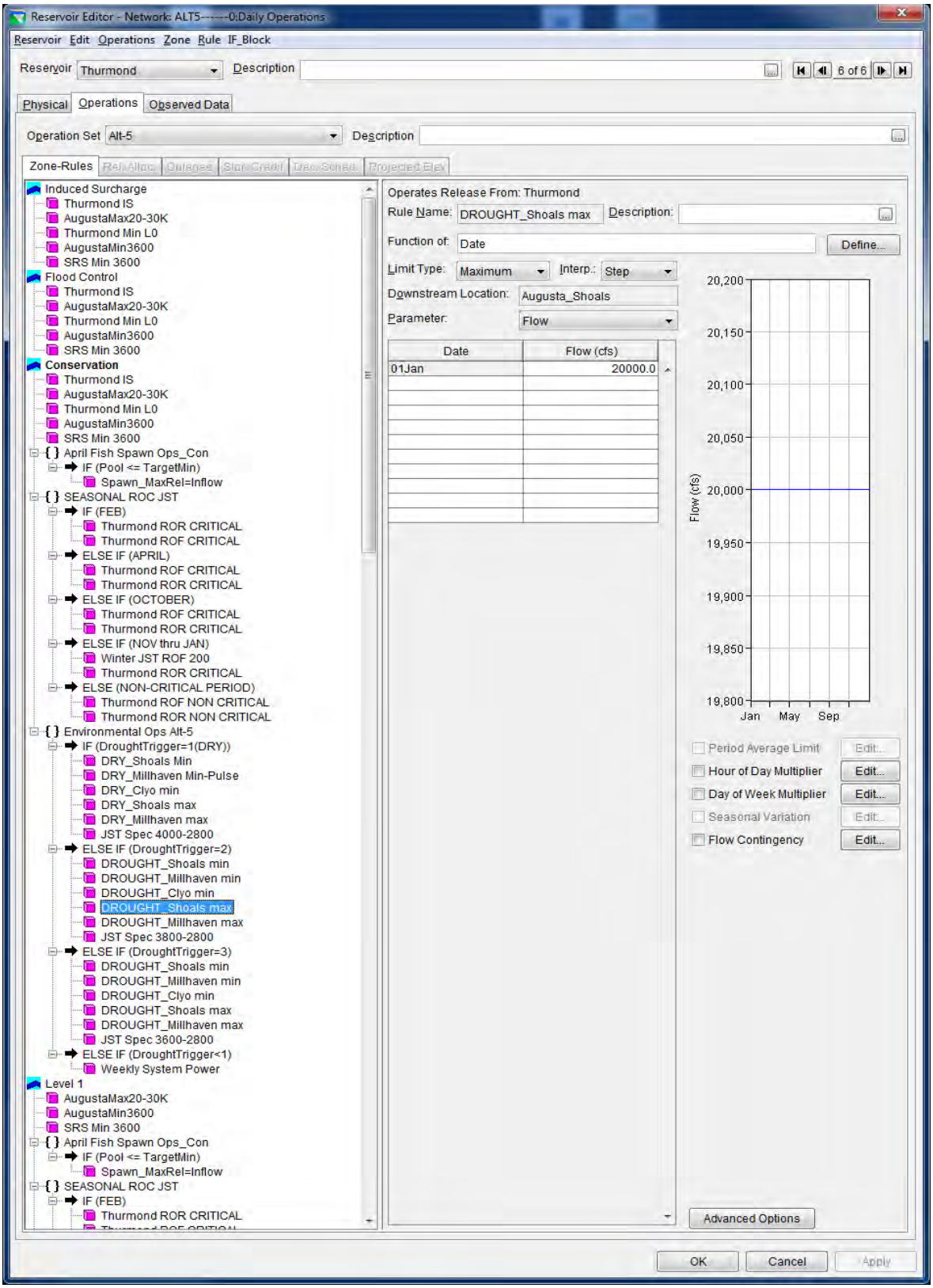
Annex B - Screen 147 (ALT5, Dry Conditions, Millhaven, Max Rule)



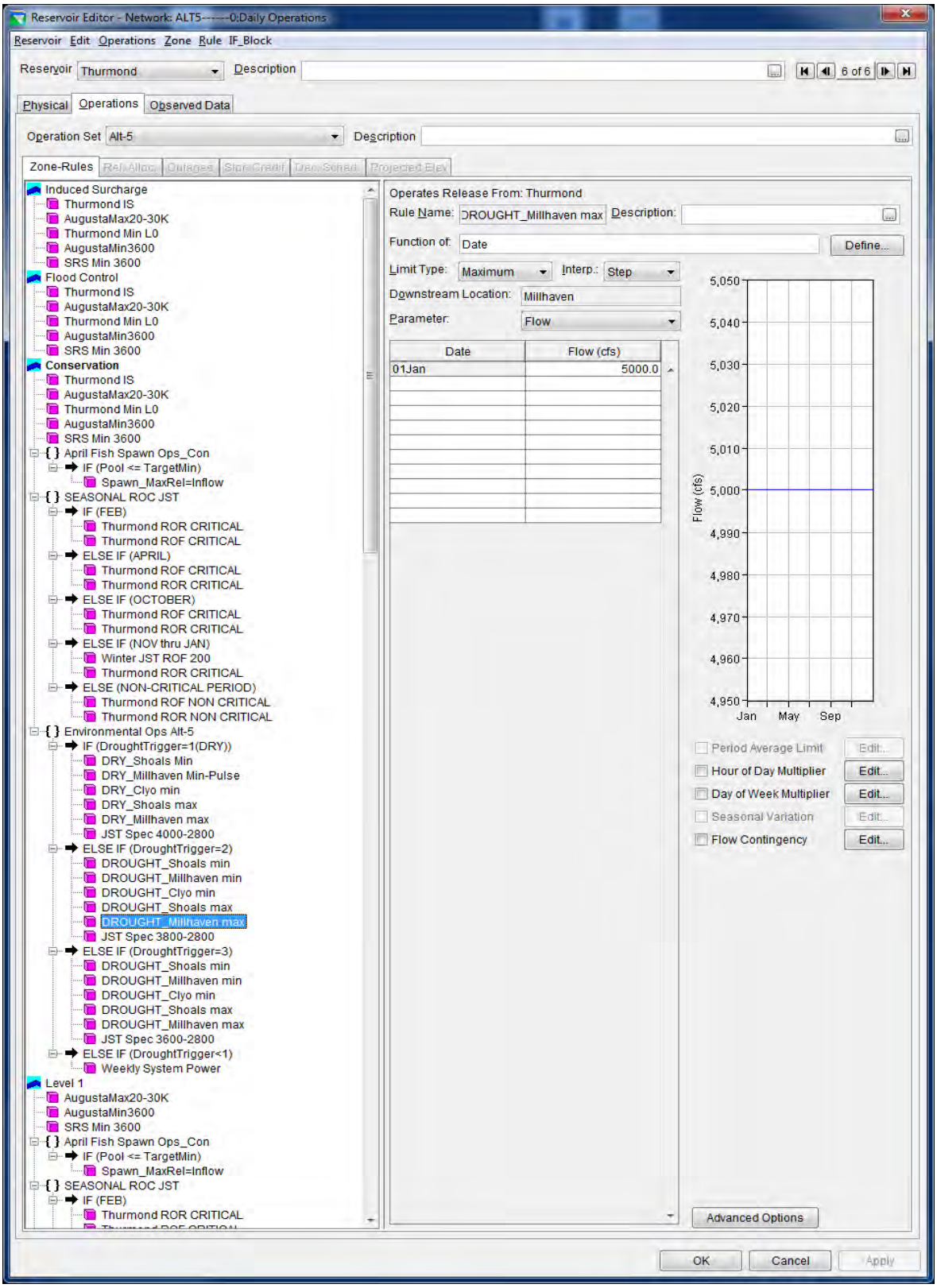
Annex B - Screen 148 (ALT5, Drought Conditions, Millhaven, Min Rule)



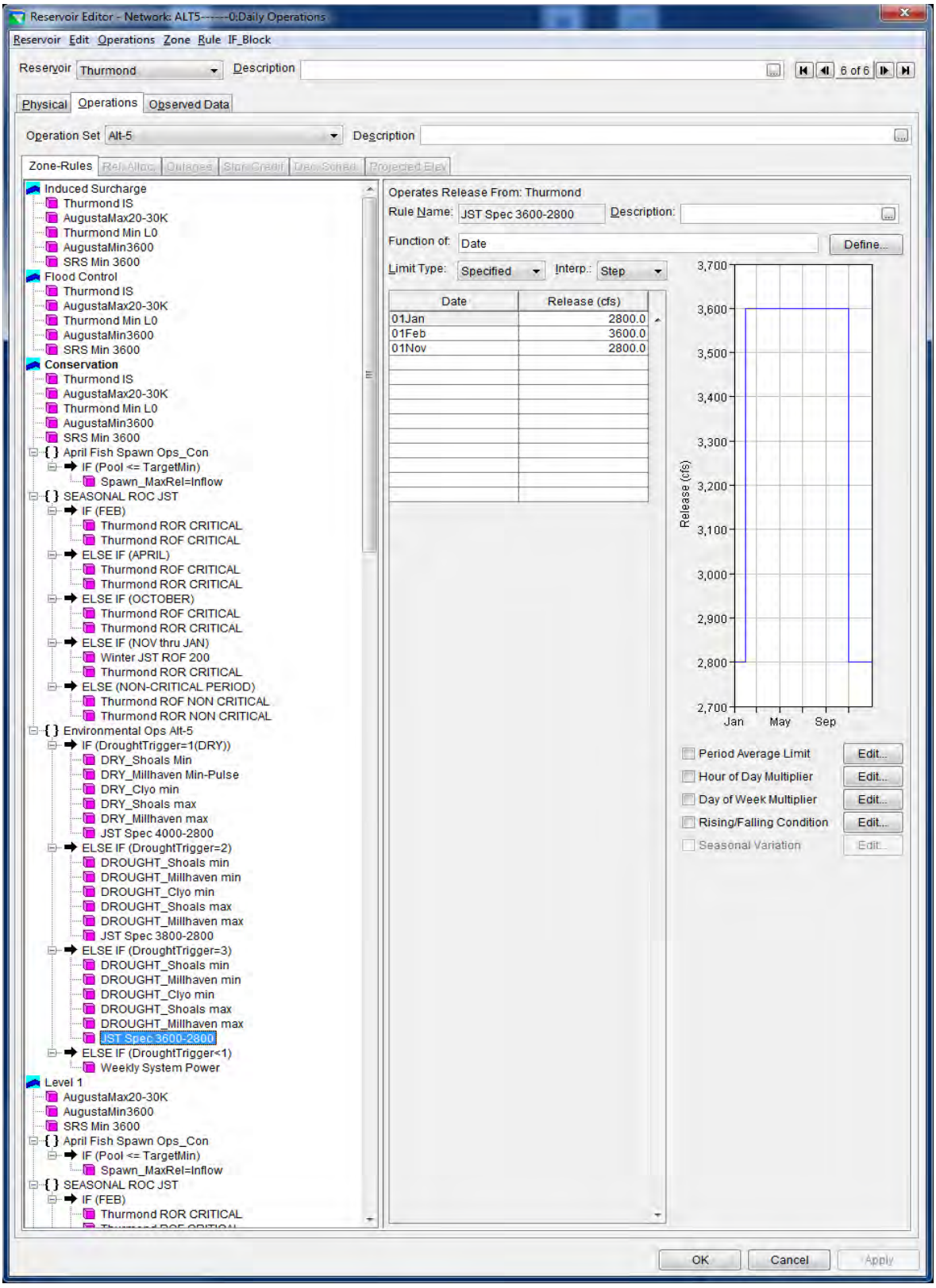
Annex B - Screen 149 (ALT5, Drought Conditions, Thurmond, 3800-2800 cfs Rule)



Annex B - Screen 150 (ALT5, Drought Conditions, Shoals, Max Rule)

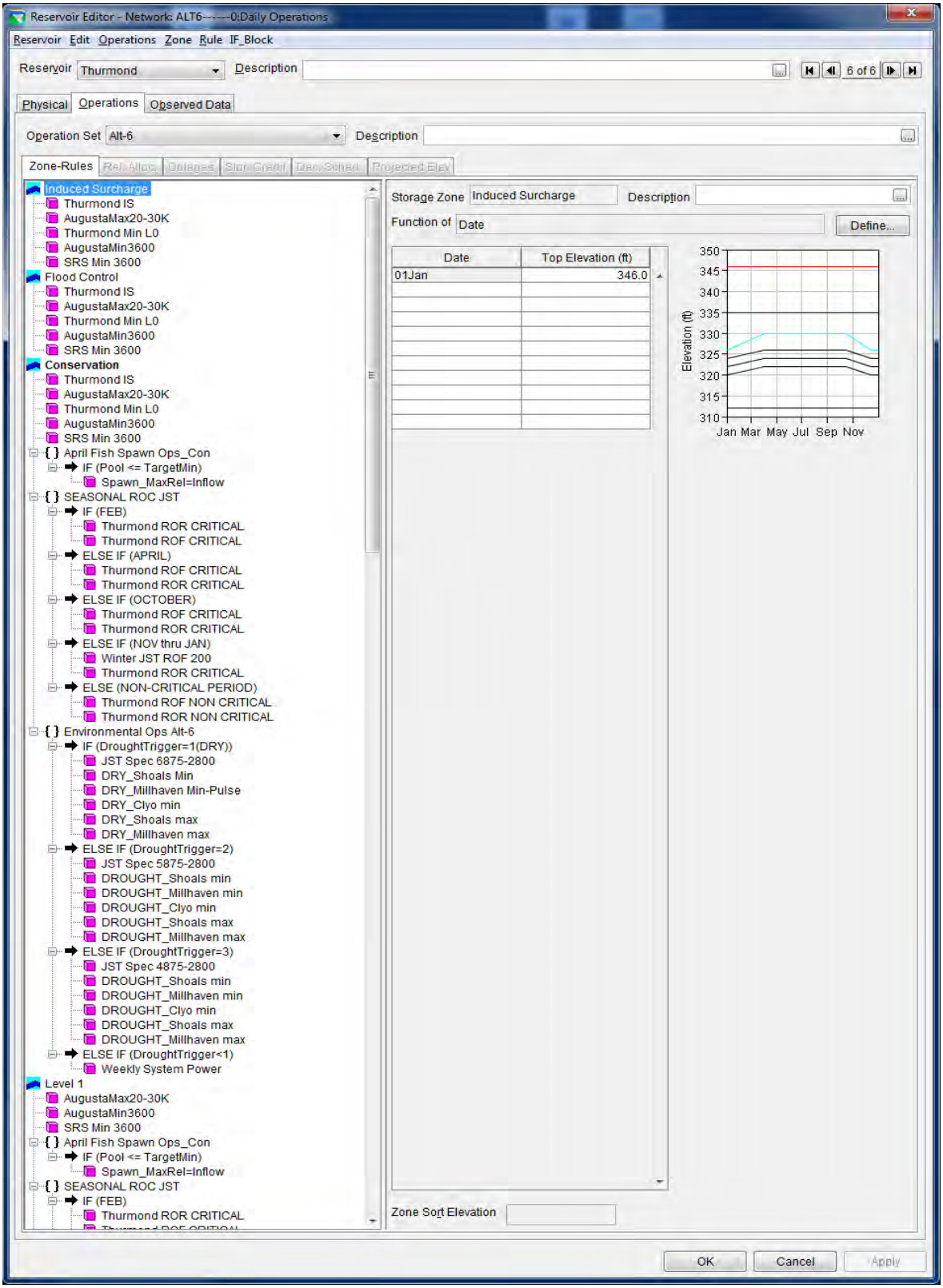


Annex B - Screen 151 (ALT5, Drought Conditions, Millhaven, Max Rule)

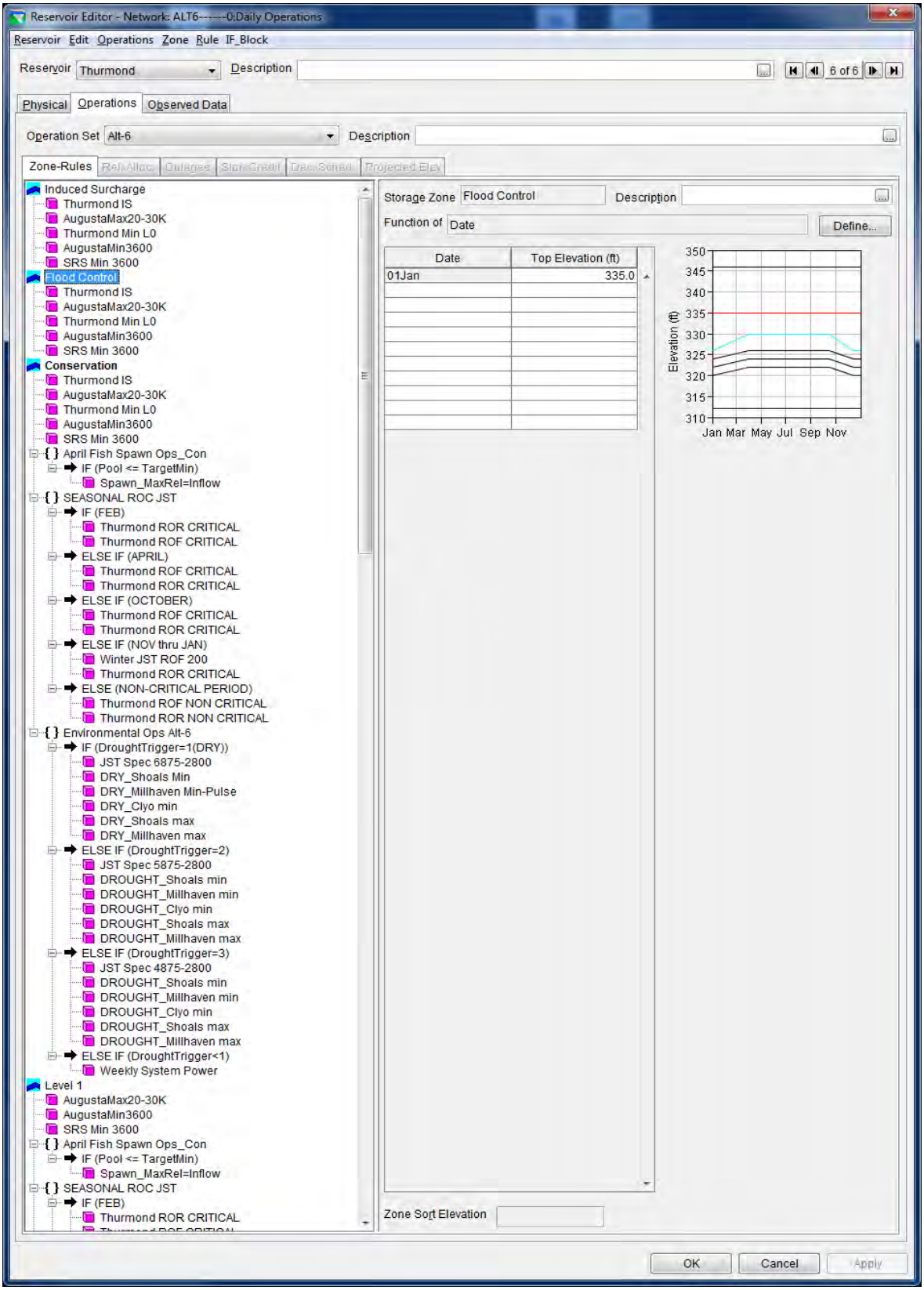


Annex B - Screen 152 (ALT5, Drought Conditions, Thurmond, 3600-2800 Rule)

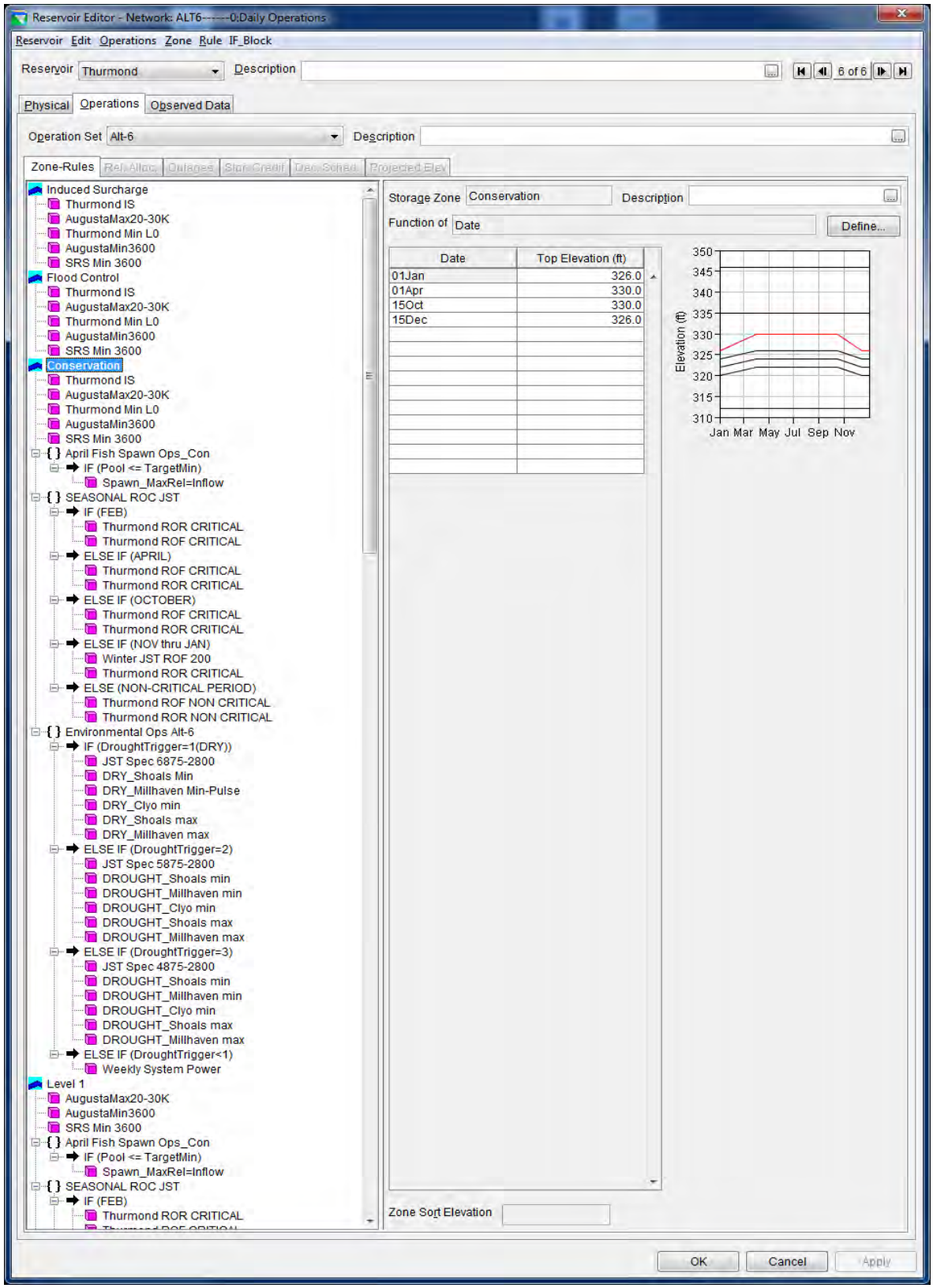
ALT-6



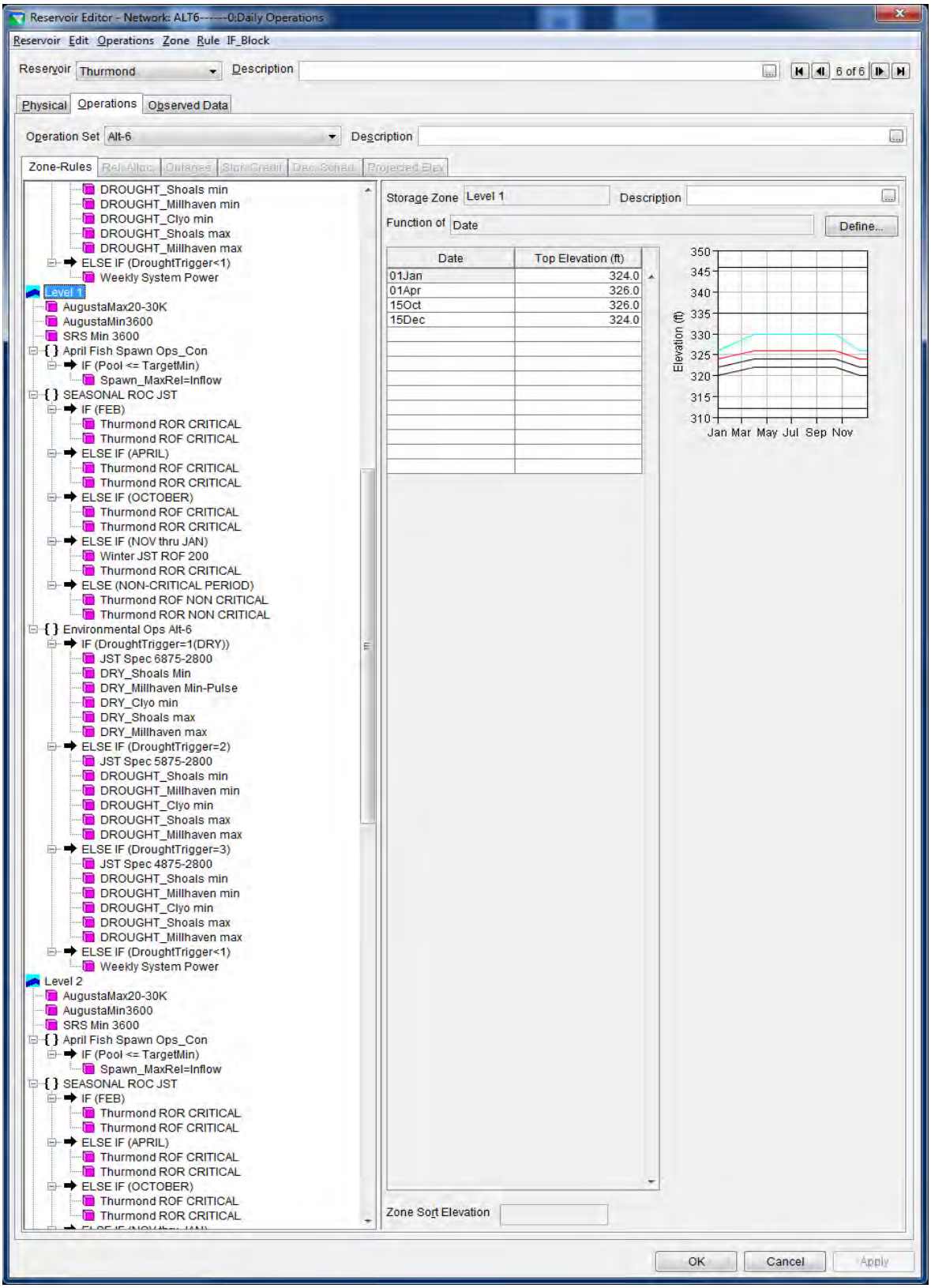
Annex B - Screen 153 (ALT6, Induced Surcharge Pool Rule Stack)



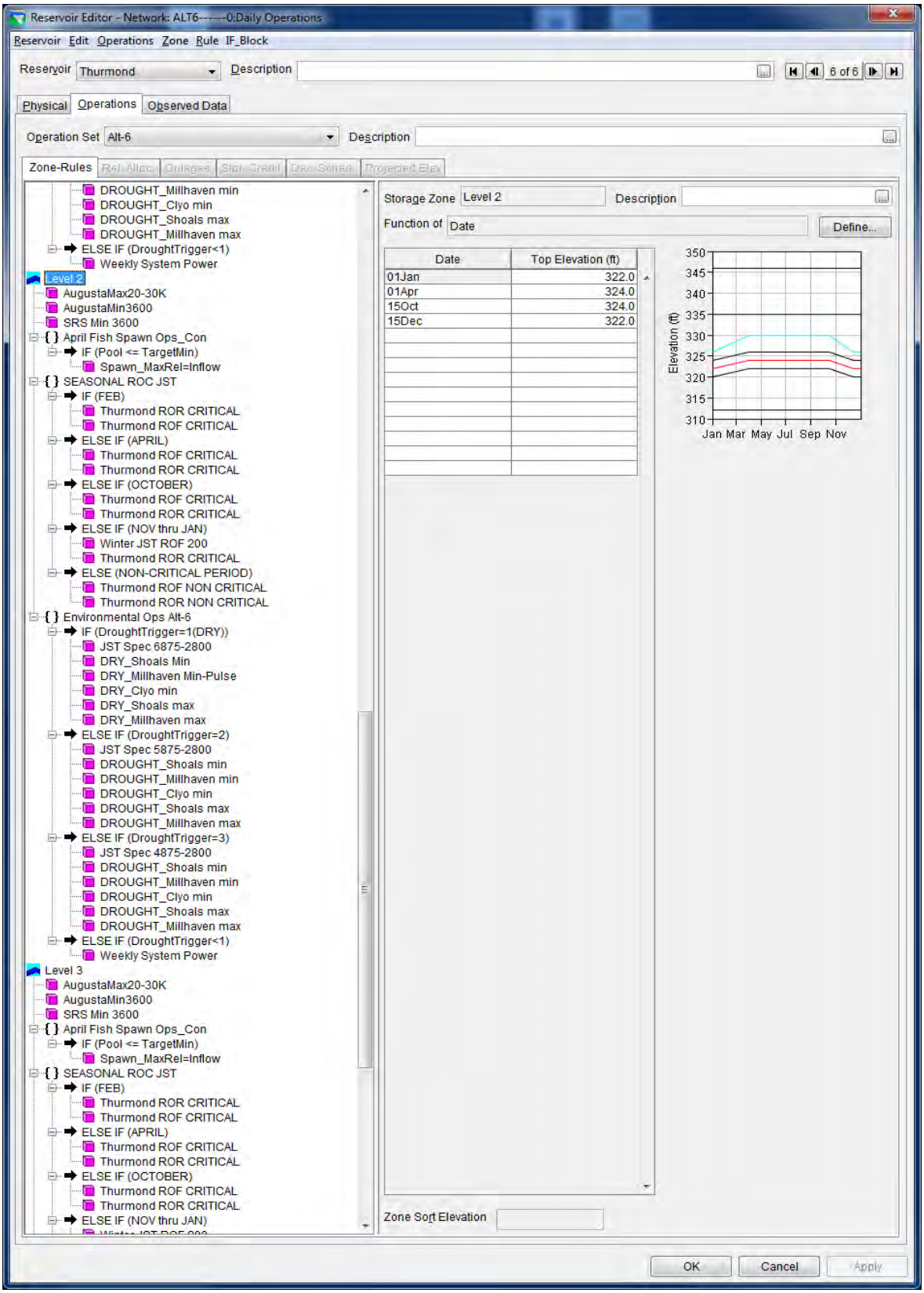
Annex B - Screen 154 (ALT6, Flood Control Pool Rule Stack)



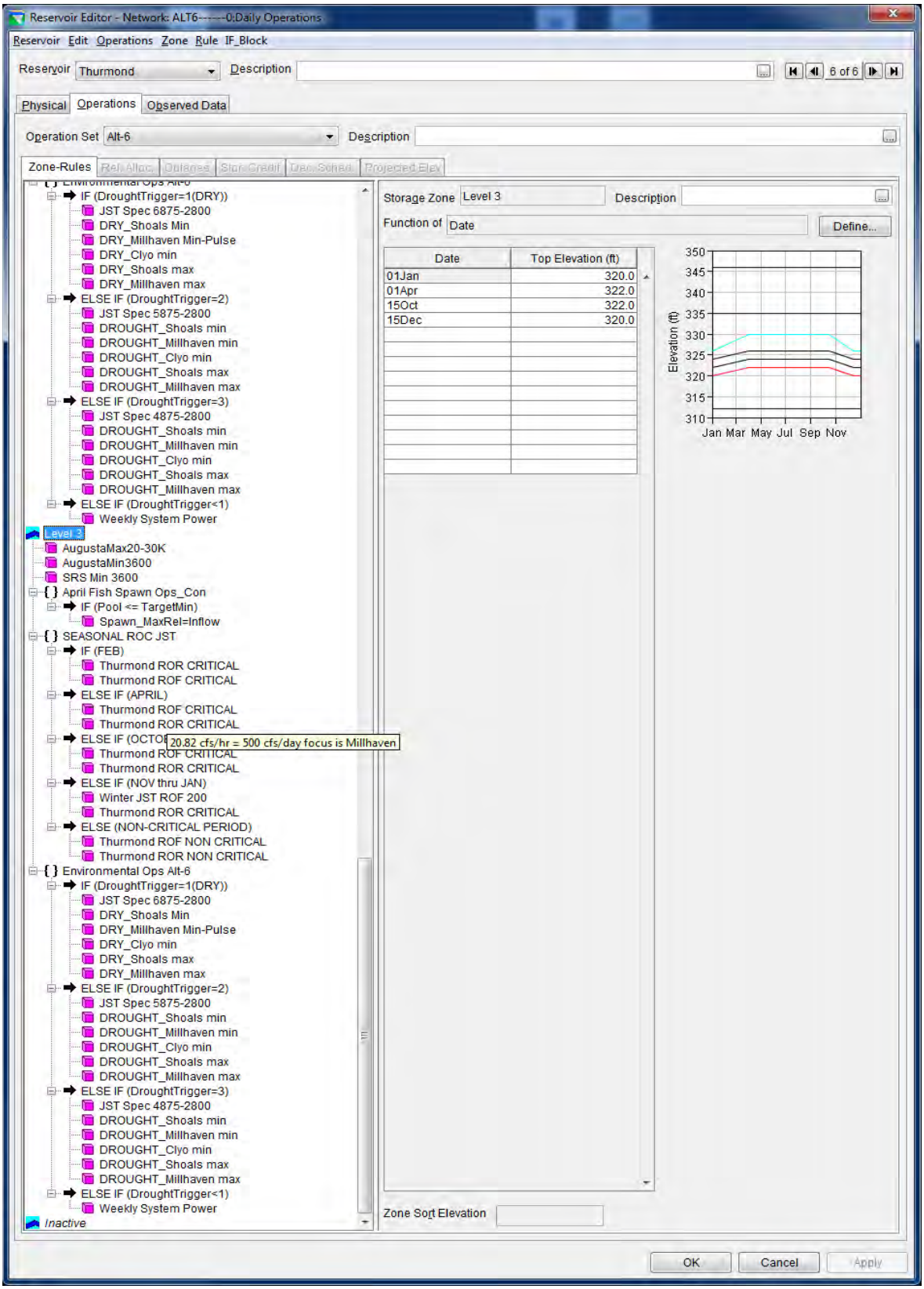
Annex B - Screen 155 (ALT6, Conservation Pool Rule Stack)



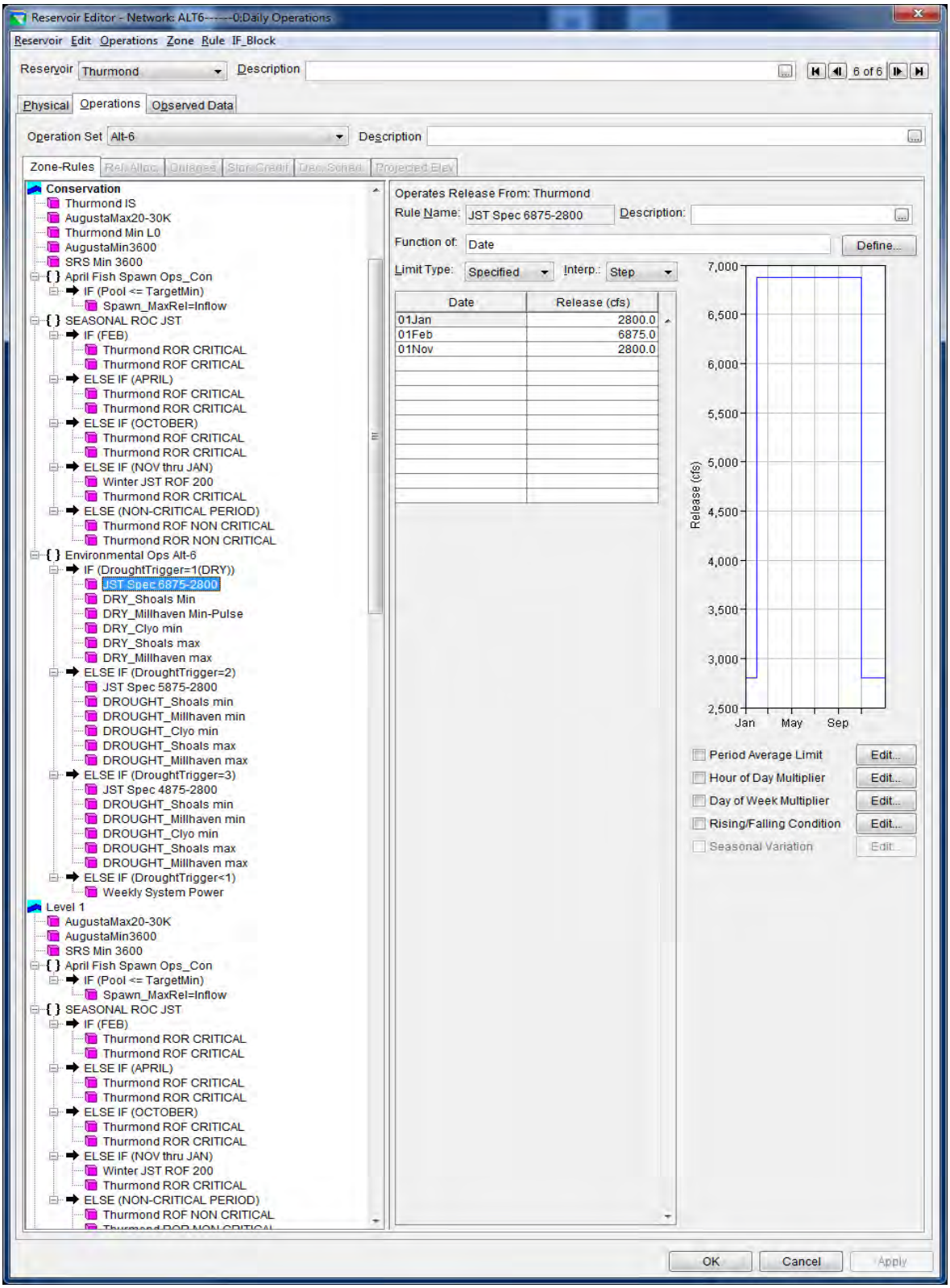
Annex B - Screen 156 (ALT6, Thurmond, Trigger Level 1 Rule Stack)



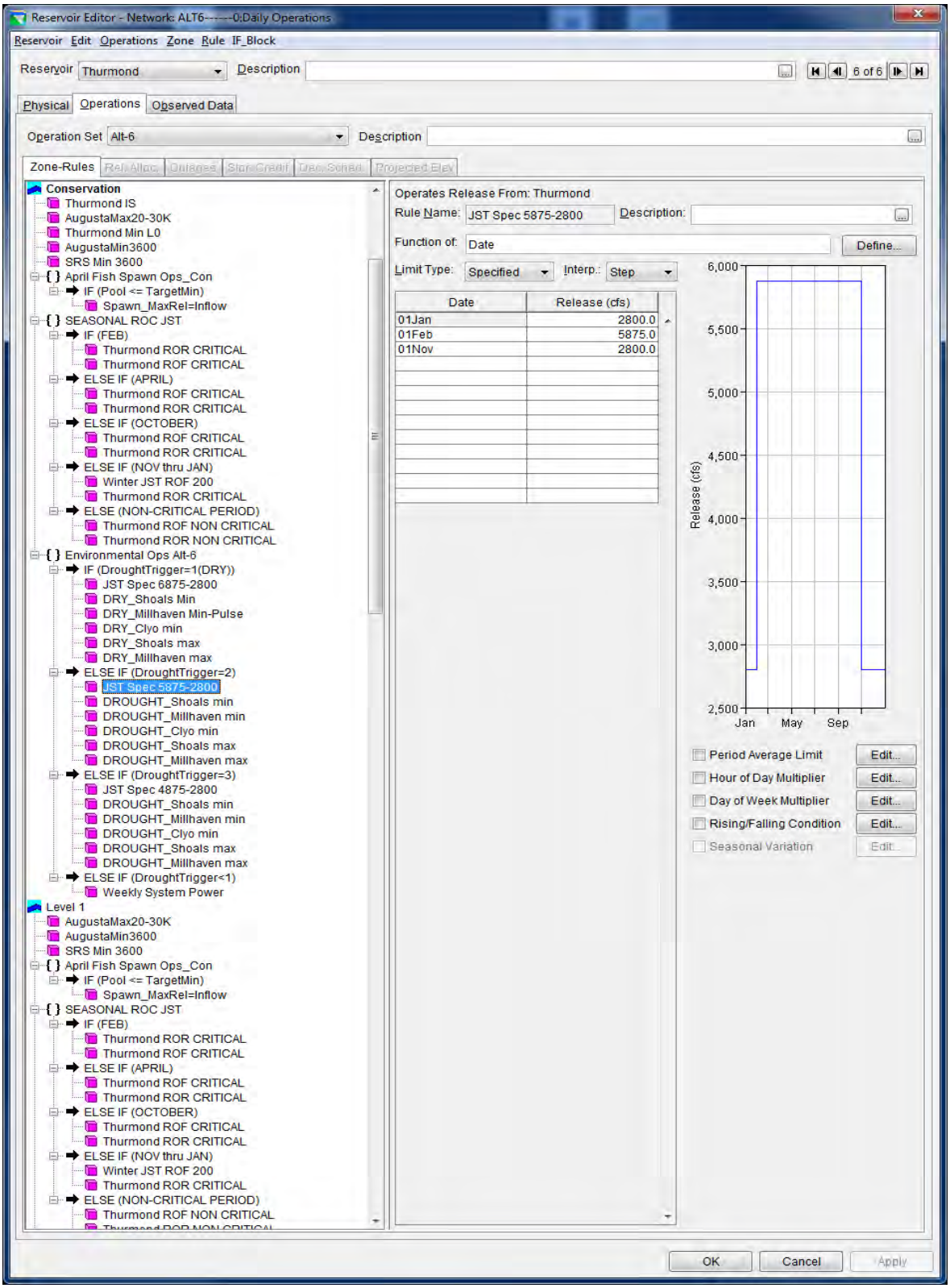
Annex B - Screen 157 (ALT6, Thurmond, Trigger Level 2 Rule Stack)



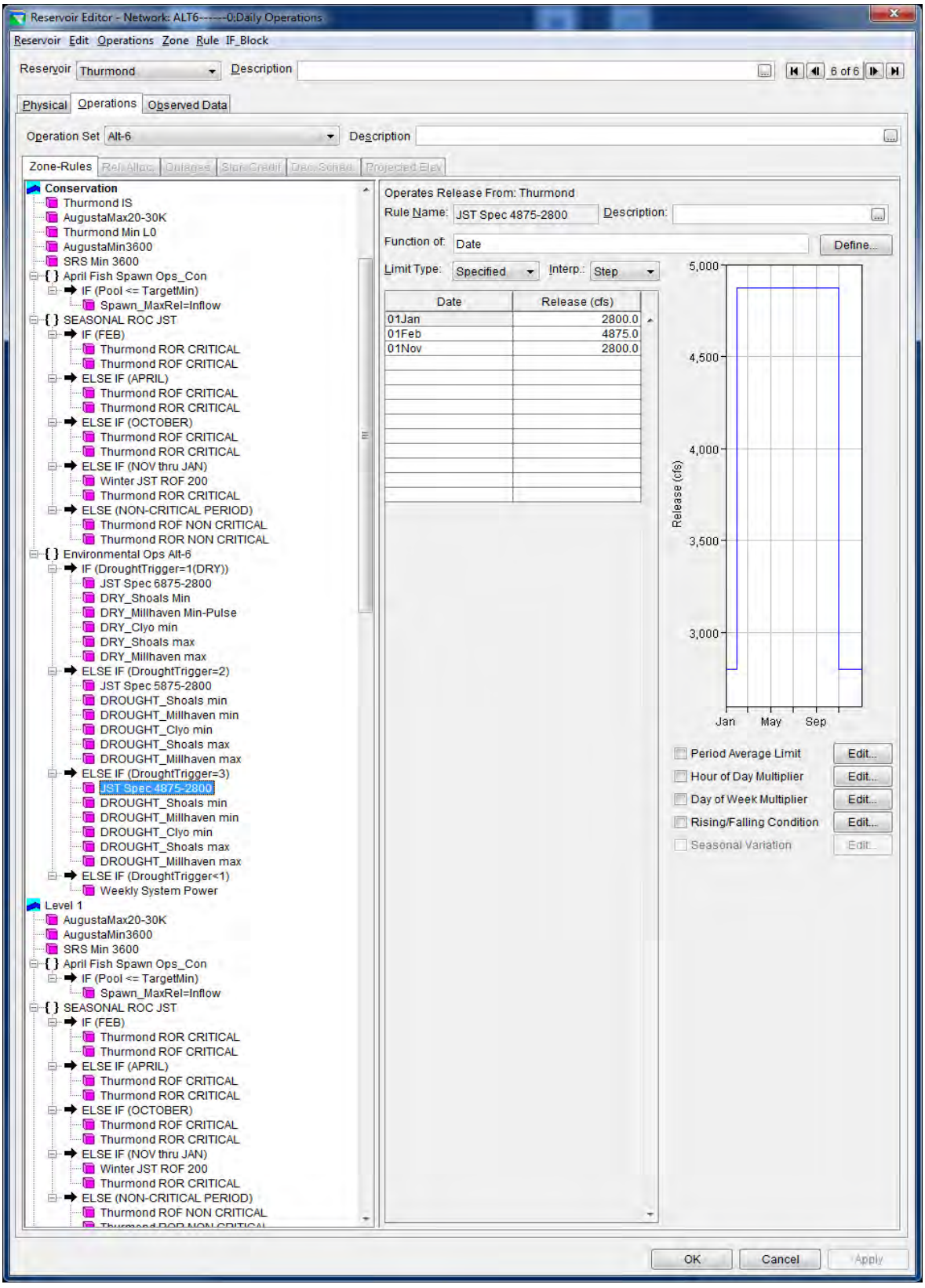
Annex B - Screen 158 (ALT6, Thurmond, Trigger Level 3 Rule Stack)



Annex B - Screen 159 (ALT6, Drought Level 1, Thurmond, 6875-2800 cfs Rule)



Annex B - Screen 160 (ALT6, Drought Level 2, Thurmond, 5875-2800 cfs Rule)



Annex B - Screen 161 (ALT6, Drought Level 3, Thurmond, 6875-2800 cfs Rule)