Appendix F
Post Processor Scenario Output Files

Hydrology Runs

Run	Scenario
1	High Density Full Build Out without Restrictions
2	High Density Full Build Out with Restrictions
3	Low Density Full Build Out without Restrictions
4	Low Density Full Build Out with Restrictions
5	Medium Density (Cluster) Full Build Out without Restrictions
6	Medium Density (Cluster) Full Build Out with Restrictions
7	Medium Density (Conventional) Full Build Out without Restrictions
8	Medium Density (Conventional) Full Build Out with Restrictions

Stream Health Runs

Run	Scenario	Fish Species Habitat File
1	High Density Full Build Out without Restrictions	central stoneroller
2	High Density Full Build Out without Restrictions	fantail darter
3	High Density Full Build Out without Restrictions	smallmouth bass
4	High Density Full Build Out with Restrictions	central stoneroller
5	High Density Full Build Out with Restrictions	fantail darter
6	High Density Full Build Out with Restrictions	smallmouth bass
7	Low Density Full Build Out without Restrictions	central stoneroller
8	Low Density Full Build Out without Restrictions	fantail darter
9	Low Density Full Build Out without Restrictions	smallmouth bass
10	Low Density Full Build Out with Restrictions	central stoneroller
11	Low Density Full Build Out with Restrictions	fantail darter
12	Low Density Full Build Out with Restrictions	smallmouth bass
13	Medium Density (Cluster) Full Build Out without Restrictions	central stoneroller
14	Medium Density (Cluster) Full Build Out without Restrictions	fantail darter
15	Medium Density (Cluster) Full Build Out without Restrictions	smallmouth bass
16	Medium Density (Cluster) Full Build Out with Restrictions	central stoneroller
17	Medium Density (Cluster) Full Build Out with Restrictions	fantail darter
18	Medium Density (Cluster) Full Build Out with Restrictions	smallmouth bass
19	Medium Density (Conventional) Full Build Out without Restrictions	central stoneroller
20	Medium Density (Conventional) Full Build Out without Restrictions	fantail darter
21	Medium Density (Conventional) Full Build Out without Restrictions	smallmouth bass
22	Medium Density (Conventional) Full Build Out with Restrictions	central stoneroller
23	Medium Density (Conventional) Full Build Out with Restrictions	fantail darter
24	Medium Density (Conventional) Full Build Out with Restrictions	smallmouth bass

Hydrology Run 1

Run Date,6/11/2002
Run Time,5:56:30 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\HighDensityNoRestrictions\BACKCR1.PLT

BaseFile,G,-2.903251E-03,S,0.5407626
ScenarioFile,G,0.8442932,S,0.2681541

Return Period,Base File Output,Scenario File Output
100,25286.4214525241,35751.3952554545
50,17388.9435500616,27535.4363090119
25,11528.6179458271,20923.0894559541
10,6168.96353410832,14114.951252945
5,3473.14758456132,10089.0394398392
2,1194.24626992231,5774.11065045549
Base File Hydrographs
100Yr Storm
11/3/1985 17:0,160.75
11/3/1985 18:0,154.17
11/3/1985 19:0,149.89
11/3/1985 20:0,146.78
11/3/1985 21:0,143.55
11/3/1985 22:0,141.15
11/3/1985 23:0,139.39
11/4/1985 0:0,137.87
11/4/1985 1:0,136.98
11/4/1985 2:0,136.56
11/4/1985 3:0,136.01
11/4/1985 4:0,159.98
11/4/1985 5:0,189.63
11/4/1985 6:0,198.65
11/4/1985 7:0,206.72
11/4/1985 8:0,214.81
11/4/1985 9:0,230.6
11/4/1985 10:0,276.85
11/4/1985 11:0,2297.5
11/4/1985 12:0,13471
11/4/1985 13:0,24179
11/4/1985 14:0,18983
11/4/1985 15:0,7749.3
11/4/1985 16:0,2251.6
11/4/1985 17:0,1359.1
11/4/1985 18:0,1470.7
11/4/1985 19:0,1481.7
11/4/1985 20:0,1475.9
11/4/1985 21:0,1383.8
11/4/1985 22:0,1211.9
11/4/1985 23:0,1102.7
11/5/1985 0:0,1049.7
11/5/1985 1:0,1011.9
11/5/1985 2:0,977.88
11/5/1985 3:0,956.59
11/5/1985 4:0,942.18
11/5/1985 5:0,927.52
11/5/1985 6:0,912.3
11/5/1985 7:0,897.42
11/5/1985 8:0,882.87
50Yr Storm
None
25Yr Storm
None
10Yr Storm
9/21/1979 6:0,27.742
9/21/1979 7:0,28.581
9/21/1979 8:0,29.941
9/21/1979 9:0,30.784

9/21/1979 10:0,31.201
9/21/1979 11:0,31.489
9/21/1979 12:0,31.746
9/21/1979 13:0,31.838
9/21/1979 14:0,31.881
9/21/1979 15:0,31.889
9/21/1979 16:0,32.009
9/21/1979 17:0,35.445
9/21/1979 18:0,52.768
9/21/1979 19:0,354.69
9/21/1979 20:0,2298.1
9/21/1979 21:0,5326
9/21/1979 22:0,6208.1
9/21/1979 23:0,4503.9
9/22/1979 0:0,2444.5
9/22/1979 1:0,1182.2
9/22/1979 2:0,641.95
9/22/1979 3:0,474.1
9/22/1979 4:0,416.8
9/22/1979 5:0,403.85
9/22/1979 6:0,404.58
9/22/1979 7:0,404.31
9/22/1979 8:0,400.86
9/22/1979 9:0,395.76
9/22/1979 10:0,390.09
9/22/1979 11:0,384.25
9/22/1979 12:0,378.35
9/22/1979 13:0,372.51
9/22/1979 14:0,366.8
5Yr Storm
3/6/1967 12:0,34.539
3/6/1967 13:0,34.481
3/6/1967 14:0,34.424
3/6/1967 15:0,34.366
3/6/1967 16:0,34.308
3/6/1967 17:0,34.25
3/6/1967 18:0,34.191
3/6/1967 19:0,34.133
3/6/1967 20:0,34.075
3/6/1967 21:0,34.017
3/6/1967 22:0,34.24
3/6/1967 23:0,39.493
3/7/1967 0:0,50.523
3/7/1967 1:0,63.843
3/7/1967 2:0,91.879
3/7/1967 3:0,820.69
3/7/1967 4:0,2522.3
3/7/1967 5:0,3696.3
3/7/1967 6:0,3435.3
3/7/1967 7:0,2378.3
3/7/1967 8:0,1328.1
3/7/1967 9:0,733.93
3/7/1967 10:0,515.22
3/7/1967 11:0,437.34
3/7/1967 12:0,414.74
3/7/1967 13:0,409.64
3/7/1967 14:0,406.24
3/7/1967 15:0,401.43
3/7/1967 16:0,395.9
3/7/1967 17:0,390.12
3/7/1967 18:0,384.22
3/7/1967 19:0,378.29
3/7/1967 20:0,372.44
3/7/1967 21:0,366.73
2Yr Storm
3/17/1983 14:0,48.508
3/17/1983 15:0,48.555
3/17/1983 16:0,48.674
3/17/1983 17:0,48.71
3/17/1983 18:0,48.728
3/17/1983 19:0,49.342

3/17/1983 20:0,50.226
3/17/1983 21:0,50.741
3/17/1983 22:0,51.034
3/17/1983 23:0,51.871
3/18/1983 0:0,54.403
3/18/1983 1:0,59.973
3/18/1983 2:0,68.028
3/18/1983 3:0,79.499
3/18/1983 4:0,92.098
3/18/1983 5:0,101.04
3/18/1983 6:0,113.61
3/18/1983 7:0,142.14
3/18/1983 8:0,187.36
3/18/1983 9:0,251.9
3/18/1983 10:0,311.55
3/18/1983 11:0,352.09
3/18/1983 12:0,379.68
3/18/1983 13:0,385.23
3/18/1983 14:0,386.05
3/18/1983 15:0,385.22
3/18/1983 16:0,390.16
3/18/1983 17:0,436.95
3/18/1983 18:0,614.58
3/18/1983 19:0,899.66
3/18/1983 20:0,1115.7
3/18/1983 21:0,1166.5
3/18/1983 22:0,1057.5
3/18/1983 23:0,892.07
3/19/1983 0:0,760.22
3/19/1983 1:0,675.49
3/19/1983 2:0,632.33
3/19/1983 3:0,609.57
3/19/1983 4:0,594.31
3/19/1983 5:0,582.82
3/19/1983 6:0,573.07
3/19/1983 7:0,563.88
3/19/1983 8:0,554.89
3/19/1983 9:0,546.07
3/19/1983 10:0,537.45
3/19/1983 11:0,529.1
Scenario File Hydrographs
100Yr Storm
11/3/1985 17:0,434.56
11/3/1985 18:0,395.41
11/3/1985 19:0,405.9
11/3/1985 20:0,420.81
11/3/1985 21:0,398.93
11/3/1985 22:0,375.57
11/3/1985 23:0,353.1
11/4/1985 0:0,327.82
11/4/1985 1:0,316.18
11/4/1985 2:0,318.72
11/4/1985 3:0,323.54
11/4/1985 4:0,670.85
11/4/1985 5:0,1196.8
11/4/1985 6:0,1439.4
11/4/1985 7:0,1439.6
11/4/1985 8:0,1243.2
11/4/1985 9:0,1198
11/4/1985 10:0,1582.1
11/4/1985 11:0,7330.3
11/4/1985 12:0,25494
11/4/1985 13:0,36876
11/4/1985 14:0,25676
11/4/1985 15:0,10041
11/4/1985 16:0,3129.4
11/4/1985 17:0,2531.7
11/4/1985 18:0,2992.2
11/4/1985 19:0,2688.7
11/4/1985 20:0,2628.4
11/4/1985 21:0,2481.8

11/4/1985 22:0,1950.2
11/4/1985 23:0,1533.8
11/5/1985 0:0,1205.6
11/5/1985 1:0,943.7
11/5/1985 2:0,779.91
11/5/1985 3:0,720.8
11/5/1985 4:0,712.89
11/5/1985 5:0,707.22
11/5/1985 6:0,694.8
11/5/1985 7:0,678.86
11/5/1985 8:0,662.94
11/5/1985 9:0,648.07
11/5/1985 10:0,634.39
11/5/1985 11:0,621.87
11/5/1985 12:0,610.03
50Yr Storm
None
25Yr Storm
11/15/1989 3:0,15.227
11/15/1989 4:0,15.201
11/15/1989 5:0,15.176
11/15/1989 6:0,15.15
11/15/1989 7:0,15.124
11/15/1989 8:0,15.098
11/15/1989 9:0,15.073
11/15/1989 10:0,15.047
11/15/1989 11:0,15.021
11/15/1989 12:0,14.996
11/15/1989 13:0,14.97
11/15/1989 14:0,18.326
11/15/1989 15:0,22.835
11/15/1989 16:0,23.959
11/15/1989 17:0,24.077
11/15/1989 18:0,24.416
11/15/1989 19:0,24.86
11/15/1989 20:0,25.339
11/15/1989 21:0,25.765
11/15/1989 22:0,26.03
11/15/1989 23:0,26.041
11/16/1989 0:0,56.508
11/16/1989 1:0,262.51
11/16/1989 2:0,6281.5
11/16/1989 3:0,18474
11/16/1989 4:0,20350
11/16/1989 5:0,10368
11/16/1989 6:0,3032.1
11/16/1989 7:0,851.8
11/16/1989 8:0,429.83
11/16/1989 9:0,345.35
11/16/1989 10:0,323.97
11/16/1989 11:0,307.25
11/16/1989 12:0,281.15
11/16/1989 13:0,252.94
11/16/1989 14:0,231.08
11/16/1989 15:0,215.93
11/16/1989 16:0,205.79
11/16/1989 17:0,199.03
11/16/1989 18:0,194.13
11/16/1989 19:0,190.13
11/16/1989 20:0,186.53
11/16/1989 21:0,183.12
11/16/1989 22:0,179.81
11/16/1989 23:0,176.59
10Yr Storm
7/6/1989 7:0,138.79
7/6/1989 8:0,136.59
7/6/1989 9:0,134.44
7/6/1989 10:0,132.34
7/6/1989 11:0,130.28
7/6/1989 12:0,128.27
7/6/1989 13:0,126.31

7/6/1989 14:0,124.4
7/6/1989 15:0,122.54
7/6/1989 16:0,120.71
7/6/1989 17:0,118.93
7/6/1989 18:0,206.15
7/6/1989 19:0,6499.3
7/6/1989 20:0,13484
7/6/1989 21:0,11122
7/6/1989 22:0,5086.1
7/6/1989 23:0,1451.5
7/7/1989 0:0,531.33
7/7/1989 1:0,293.46
7/7/1989 2:0,212.91
7/7/1989 3:0,180.76
7/7/1989 4:0,170.11
7/7/1989 5:0,169.11
7/7/1989 6:0,170.65
7/7/1989 7:0,171.69
7/7/1989 8:0,171.49
7/7/1989 9:0,170.28
7/7/1989 10:0,168.5
7/7/1989 11:0,166.44
7/7/1989 12:0,164.37
7/7/1989 13:0,162.33
5Yr Storm
5/26/1973 21:0,15.934
5/26/1973 22:0,15.902
5/26/1973 23:0,15.87
5/27/1973 0:0,15.838
5/27/1973 1:0,15.806
5/27/1973 2:0,15.774
5/27/1973 3:0,15.742
5/27/1973 4:0,15.711
5/27/1973 5:0,15.68
5/27/1973 6:0,15.649
5/27/1973 7:0,15.618
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5/27/1973 9:0,23.691
5/27/1973 10:0,28.898
5/27/1973 11:0,45.361
5/27/1973 12:0,98.432
5/27/1973 13:0,167.95
5/27/1973 14:0,214.5
5/27/1973 15:0,238.89
5/27/1973 16:0,276.79
5/27/1973 17:0,287.36
5/27/1973 18:0,246.9
5/27/1973 19:0,235.9
5/27/1973 20:0,359.57
5/27/1973 21:0,543.18
5/27/1973 22:0,625.88
5/27/1973 23:0,796.15
5/28/1973 0:0,1437.7
5/28/1973 1:0,2652.3
5/28/1973 2:0,6906.6
5/28/1973 3:0,9997.5
5/28/1973 4:0,7684.4
5/28/1973 5:0,4118
5/28/1973 6:0,1851.3
5/28/1973 7:0,1125.3
5/28/1973 8:0,930.53
5/28/1973 9:0,819.21
5/28/1973 10:0,673.5
5/28/1973 11:0,522.41
5/28/1973 12:0,404.2
5/28/1973 13:0,318.14
5/28/1973 14:0,260.59
5/28/1973 15:0,223.49
5/28/1973 16:0,199.31
5/28/1973 17:0,182.51
5/28/1973 18:0,171.26

5/28/1973 19:0,164.01
5/28/1973 20:0,159.18
5/28/1973 21:0,155.43
5/28/1973 22:0,152.27
5/28/1973 23:0,149.51
5/29/1973 0:0,146.97
5/29/1973 1:0,144.56
5/29/1973 2:0,142.23
2Yr Storm
8/1/1971 2:0,25.195
8/1/1971 3:0,24.282
8/1/1971 4:0,23.482
8/1/1971 5:0,22.786
8/1/1971 6:0,22.183
8/1/1971 7:0,21.664
8/1/1971 8:0,21.22
8/1/1971 9:0,20.84
8/1/1971 10:0,20.515
8/1/1971 11:0,20.238
8/1/1971 12:0,20
8/1/1971 13:0,237.69
8/1/1971 14:0,1705.9
8/1/1971 15:0,3196.6
8/1/1971 16:0,3195.5
8/1/1971 17:0,2318.4
8/1/1971 18:0,1228.9
8/1/1971 19:0,704.46
8/1/1971 20:0,533.65
8/1/1971 21:0,394.15
8/1/1971 22:0,333.36
8/1/1971 23:0,293.05
8/2/1971 0:0,252.21
8/2/1971 1:0,206.34
8/2/1971 2:0,162.62
8/2/1971 3:0,128.08
8/2/1971 4:0,103.93
8/2/1971 5:0,87.103
8/2/1971 6:0,74.787
8/2/1971 7:0,66.815
8/2/1971 8:0,61.564
8/2/1971 9:0,57.505
8/2/1971 10:0,54.457
8/2/1971 11:0,52.203
8/2/1971 12:0,55.659
8/2/1971 13:0,62.268
8/2/1971 14:0,1277.1
8/2/1971 15:0,4170.9
8/2/1971 16:0,5798.5
8/2/1971 17:0,4691
8/2/1971 18:0,2656.5
8/2/1971 19:0,1173.6
8/2/1971 20:0,520.96
8/2/1971 21:0,309.99
8/2/1971 22:0,223.5
8/2/1971 23:0,184.16
8/3/1971 0:0,165.19
8/3/1971 1:0,157.06
8/3/1971 2:0,153.22
8/3/1971 3:0,150.91
8/3/1971 4:0,149.02
8/3/1971 5:0,147.09
8/3/1971 6:0,145.03
8/3/1971 7:0,142.87
8/3/1971 8:0,140.65
8/3/1971 9:0,138.41
8/3/1971 10:0,136.18

Base File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,3.848404,1.758172,1.027581

15 Day,4.479075,2.030756,1.168556
30 Day,5.345074,2.437221,1.401613
60 Day,6.807252,3.153324,1.817477
90 Day,9.01114,4.454012,2.962035

Scenario File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,2.398169,1.104276,0.6644139
15 Day,3.005066,1.332107,0.771954
30 Day,5.187238,1.905038,0.9512857
60 Day,12.461,4.235707,1.686777
90 Day,23.2251,12.2933,7.66634

Scenario File Log Pearson Type 3 Density

Ln Q,LP3 Density
0.279466301202774,5.78287057578564E-03
0.838398933410645,4.83052022755146E-02
1.39733147621155,0.147951290011406
1.95626413822174,0.260528892278671
2.51519680023193,0.32281357049942
3.07412934303284,0.313650190830231
3.63306188583374,0.254981130361557
4.19199466705322,0.180864244699478
4.75092697143555,0.11519618332386
5.30985975265503,0.067245326936245
5.86879253387451,3.65260317921638E-02
6.42772483825684,1.86749342828989E-02
6.98665761947632,9.06819198280573E-03
7.54558992385864,4.2118513956666E-03
8.10452270507813,1.88193272333592E-03
8.66345500946045,8.1273855175823E-04
9.22238826751709,3.40565020451322E-04
9.78132057189941,1.38920760946348E-04
10.3402528762817,5.53156969544943E-05
10.8991861343384,2.15508734981995E-05

Base File Log Pearson Type 3 Density

Ln Q,LP3 Density
0.256621181964874,4.13097441196442E-03
0.769863545894623,1.70497503131628E-02
1.28310585021973,5.43841756880283E-02
1.79634833335876,0.133689880371094
2.30959057807922,0.25255611538887
2.82283306121826,0.365588665008545
3.33607530593872,0.40431872010231
3.84931778907776,0.340604871511459
4.3625602722168,0.217897146940231
4.87580251693726,0.105531364679337
5.38904476165771,3.85721176862717E-02
5.90228700637817,1.06056332588196E-02
6.41552972793579,2.18653166666627E-03
6.92877197265625,3.36894008796662E-04
7.44201421737671,3.86620267818216E-05
7.95525646209717,3.29336785398482E-06
8.46849918365479,2.07512073302496E-07
8.98174095153809,9.63729274161551E-09
9.4949836730957,3.2870056676515E-10
10.0082263946533,8.20321501698862E-12

Hydrology Run 2

Run Date,6/11/2002
Run Time,6:16:31 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\HighDensityRestrictions\BACKCR1.PLT

BaseFile,G,-2.903251E-03,S,0.5407626
ScenarioFile,G,0.804803,S,0.3140047

Return Period,Base File Output,Scenario File Output
100,25286.4214525241,29206.0681114862
50,17388.9435500616,21589.7915117436
25,11528.6179458271,15704.8864684555
10,6168.96353410832,9942.97053309522
5,3473.14758456132,6725.27620672893
2,1194.24626992231,3501.9079847562
Base File Hydrographs
100Yr Storm
11/3/1985 17:0,160.75
11/3/1985 18:0,154.17
11/3/1985 19:0,149.89
11/3/1985 20:0,146.78
11/3/1985 21:0,143.55
11/3/1985 22:0,141.15
11/3/1985 23:0,139.39
11/4/1985 0:0,137.87
11/4/1985 1:0,136.98
11/4/1985 2:0,136.56
11/4/1985 3:0,136.01
11/4/1985 4:0,159.98
11/4/1985 5:0,189.63
11/4/1985 6:0,198.65
11/4/1985 7:0,206.72
11/4/1985 8:0,214.81
11/4/1985 9:0,230.6
11/4/1985 10:0,276.85
11/4/1985 11:0,2297.5
11/4/1985 12:0,13471
11/4/1985 13:0,24179
11/4/1985 14:0,18983
11/4/1985 15:0,7749.3
11/4/1985 16:0,2251.6
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50Yr Storm
None
25Yr Storm
None
10Yr Storm
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8/19/1985 1:0,363.55

Base File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,3.848404,1.758172,1.027581
15 Day,4.479075,2.030756,1.168556
30 Day,5.345074,2.437221,1.401613
60 Day,6.807252,3.153324,1.817477
90 Day,9.01114,4.454012,2.962035

Scenario File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,3.105975,1.425057,0.8427163
15 Day,3.865154,1.740028,1.007468
30 Day,6.017591,2.389238,1.242696
60 Day,11.11234,4.331424,1.981779
90 Day,17.68941,9.542861,6.290721

Scenario File Log Pearson Type 3 Density

Ln Q,LP3 Density
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3.48924016952515,0.332346856594086
4.02604627609253,0.255442172288895
4.56285238265991,0.164686888456345
5.09965848922729,9.10865440964699E-02
5.63646459579468,4.40230742096901E-02
6.17327070236206,1.88789702951908E-02
6.7100772857666,7.27644562721252E-03
7.24688339233398,2.54814745858312E-03
7.78368949890137,8.18329048343003E-04
8.32049560546875,2.42943016928621E-04

8.85730171203613,6.71379893901758E-05
9.39410781860352,1.73760672623757E-05
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Base File Log Pearson Type 3 Density

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2.82283306121826,0.365588665008545
3.33607530593872,0.40431872010231
3.84931778907776,0.340604871511459
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4.87580251693726,0.105531364679337
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6.41552972793579,2.18653166666627E-03
6.92877197265625,3.36894008796662E-04
7.44201421737671,3.86620267818216E-05
7.95525646209717,3.29336785398482E-06
8.46849918365479,2.07512073302496E-07
8.98174095153809,9.63729274161551E-09
9.4949836730957,3.2870056676515E-10
10.0082263946533,8.20321501698862E-12

Hydrology Run 3

Run Date,6/11/2002
Run Time,7:09:52 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\LowDensityNoRestrictions\BACKCR1.PLT

BaseFile,G,-2.903251E-03,S,0.5407626
ScenarioFile,G,0.6529724,S,0.3700155

Return Period,Base File Output,Scenario File Output
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Base File Hydrographs
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11/4/1985 19:0,1481.7
11/4/1985 20:0,1475.9
11/4/1985 21:0,1383.8
11/4/1985 22:0,1211.9
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11/5/1985 0:0,1049.7
11/5/1985 1:0,1011.9
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11/5/1985 5:0,927.52
11/5/1985 6:0,912.3
11/5/1985 7:0,897.42
11/5/1985 8:0,882.87
50Yr Storm
None
25Yr Storm
None
10Yr Storm
9/21/1979 6:0,27.742
9/21/1979 7:0,28.581
9/21/1979 8:0,29.941

9/21/1979 9:0,30.784
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9/21/1979 12:0,31.746
9/21/1979 13:0,31.838
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9/22/1979 0:0,2444.5
9/22/1979 1:0,1182.2
9/22/1979 2:0,641.95
9/22/1979 3:0,474.1
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9/22/1979 5:0,403.85
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9/22/1979 11:0,384.25
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5Yr Storm
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Scenario File Hydrographs
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25Yr Storm
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9/22/1979 6:0,380.47
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9/22/1979 8:0,372.34
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5Yr Storm
10/17/1968 19:0,10.987

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10/20/1968 2:0,518.2
2Yr Storm
3/30/1976 23:0,51.987
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3/31/1976 1:0,50.91
3/31/1976 2:0,50.394
3/31/1976 3:0,49.888
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3/31/1976 10:0,59.484
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3/31/1976 17:0,67.188
3/31/1976 18:0,75.972
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3/31/1976 21:0,1133.9
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4/1/1976 1:0,1490.3
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4/1/1976 15:0,203.11
4/1/1976 16:0,199.99
4/1/1976 17:0,196.95

Base File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,3.848404,1.758172,1.027581
15 Day,4.479075,2.030756,1.168556
30 Day,5.345074,2.437221,1.401613
60 Day,6.807252,3.153324,1.817477
90 Day,9.01114,4.454012,2.962035

Scenario File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,3.471583,1.587322,0.9331642
15 Day,4.286581,1.946285,1.125494
30 Day,6.150632,2.564821,1.367997
60 Day,9.772651,4.111598,2.070798
90 Day,13.92941,7.551241,5.176891

Scenario File Log Pearson Type 3 Density

Ln Q,LP3 Density
0.263045281171799,4.19254135340452E-03
0.789135813713074,1.92899499088526E-02
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1.84131693840027,0.150216639041901
2.36740756034851,0.26616957783699
2.89349818229675,0.357863783836365
3.41958856582642,0.371590346097946
3.94567918777466,0.302798599004745
4.4717698097229,0.196478098630905
4.99786043167114,0.102877244353294
5.52395105361938,4.39999550580978E-02
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6.57613182067871,4.58241952583194E-03
7.10222244262695,1.13806268200278E-03
7.6283130645752,2.40196022787131E-04
8.15440368652344,4.3431395170046E-05
8.68049430847168,6.7785208557325E-06
9.20658493041992,9.19566616630618E-07
9.73267555236816,1.09134660419841E-07

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Base File Log Pearson Type 3 Density

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3.33607530593872,0.40431872010231
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6.41552972793579,2.18653166666627E-03
6.92877197265625,3.36894008796662E-04
7.44201421737671,3.86620267818216E-05
7.95525646209717,3.29336785398482E-06
8.46849918365479,2.07512073302496E-07
8.98174095153809,9.63729274161551E-09
9.4949836730957,3.2870056676515E-10
10.0082263946533,8.20321501698862E-12

Hydrology Run 4

Run Date,6/11/2002
Run Time,7:26:24 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\LowDensityRestrictions\BACKCR1.PLT

BaseFile,G,-2.903251E-03,S,0.5407626
ScenarioFile,G,0.4435642,S,0.4251764

Return Period,Base File Output,Scenario File Output
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Base File Hydrographs
100Yr Storm
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11/3/1985 18:0,154.17
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50Yr Storm
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None
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9/22/1979 9:0,395.76
9/22/1979 10:0,390.09
9/22/1979 11:0,384.25
9/22/1979 12:0,378.35
9/22/1979 13:0,372.51
9/22/1979 14:0,366.8
5Yr Storm
3/6/1967 12:0,34.539
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3/7/1967 5:0,3696.3
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3/7/1967 9:0,733.93
3/7/1967 10:0,515.22
3/7/1967 11:0,437.34
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3/7/1967 14:0,406.24
3/7/1967 15:0,401.43
3/7/1967 16:0,395.9
3/7/1967 17:0,390.12
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3/7/1967 19:0,378.29
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3/7/1967 21:0,366.73
2Yr Storm
3/17/1983 14:0,48.508
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3/17/1983 16:0,48.674
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3/17/1983 18:0,48.728
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3/17/1983 20:0,50.226
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3/18/1983 0:0,54.403
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3/18/1983 4:0,92.098
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3/18/1983 6:0,113.61
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3/18/1983 19:0,899.66
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3/19/1983 1:0,675.49
3/19/1983 2:0,632.33
3/19/1983 3:0,609.57
3/19/1983 4:0,594.31
3/19/1983 5:0,582.82
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Scenario File Hydrographs
100Yr Storm
11/3/1985 17:0,222.26
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11/5/1985 8:0,852.28
11/5/1985 9:0,837.78
50Yr Storm
None
25Yr Storm
None
10Yr Storm
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9/21/1979 17:0,77.337
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5Yr Storm
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2Yr Storm
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10/10/1990 18:0,5.5305
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10/10/1990 23:0,135.61
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10/11/1990 14:0,158.96
10/11/1990 15:0,154.47
10/11/1990 16:0,150.6
10/11/1990 17:0,147.36
10/11/1990 18:0,144.51
10/11/1990 19:0,141.9
10/11/1990 20:0,139.41
10/11/1990 21:0,137

Base File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,3.848404,1.758172,1.027581
15 Day,4.479075,2.030756,1.168556
30 Day,5.345074,2.437221,1.401613
60 Day,6.807252,3.153324,1.817477
90 Day,9.01114,4.454012,2.962035

Scenario File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,3.665329,1.674034,0.9811722
15 Day,4.478291,2.041288,1.178448
30 Day,6.062867,2.622303,1.424703
60 Day,8.82237,3.873486,2.067656
90 Day,11.88847,6.370256,4.418973

Scenario File Log Pearson Type 3 Density

Ln Q,LP3 Density
0.259994685649872,4.09936811774969E-03
0.779984056949615,1.73563677817583E-02
1.299973487854,5.56417554616928E-02
1.81996273994446,0.135551944375038
2.33995223045349,0.25182968378067
2.85994148254395,0.358020335435867
3.37993097305298,0.390825867652893
3.89992022514343,0.328685611486435
4.41990947723389,0.213658347725868
4.93989896774292,0.107694610953331
5.45988845825195,4.22250889241695E-02
5.97987794876099,1.29178985953331E-02
6.49986696243286,3.09297326020896E-03
7.01985645294189,5.81320840865374E-04
7.53984594345093,8.60164946061559E-05
8.05983543395996,1.00489569376805E-05
8.57982444763184,9.29521831949387E-07
9.09981441497803,6.82649456962281E-08
9.6198034286499,3.99136457218674E-09
10.1397924423218,1.86290066706007E-10

Base File Log Pearson Type 3 Density

Ln Q,LP3 Density
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1.28310585021973,5.43841756880283E-02
1.79634833335876,0.133689880371094
2.30959057807922,0.25255611538887
2.82283306121826,0.365588665008545
3.33607530593872,0.40431872010231
3.84931778907776,0.340604871511459
4.3625602722168,0.217897146940231
4.87580251693726,0.105531364679337

5.38904476165771,3.85721176862717E-02
5.90228700637817,1.06056332588196E-02
6.41552972793579,2.18653166666627E-03
6.92877197265625,3.36894008796662E-04
7.44201421737671,3.86620267818216E-05
7.95525646209717,3.29336785398482E-06
8.46849918365479,2.07512073302496E-07
8.98174095153809,9.63729274161551E-09
9.4949836730957,3.2870056676515E-10
10.0082263946533,8.20321501698862E-12

Hydrology Run 5

Run Date,6/11/2002
Run Time,8:08:18 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityClusterNoRestrictions\BACKCR1.PLT

BaseFile,G,-2.903251E-03,S,0.5407626
ScenarioFile,G,0.8175603,S,0.310305

Return Period,Base File Output,Scenario File Output
100,25286.4214525241,30243.7188776067
50,17388.9435500616,22410.616255034
25,11528.6179458271,16345.732572304
10,6168.96353410832,10391.8299076316
5,3473.14758456132,7056.31852405461
2,1194.24626992231,3701.53404294716
Base File Hydrographs
100Yr Storm
11/3/1985 17:0,160.75
11/3/1985 18:0,154.17
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11/4/1985 2:0,136.56
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11/4/1985 14:0,18983
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50Yr Storm
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25Yr Storm
None
10Yr Storm
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9/22/1979 11:0,384.25
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5Yr Storm
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2Yr Storm
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3/19/1983 3:0,609.57
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3/19/1983 6:0,573.07
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Scenario File Hydrographs
100Yr Storm
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50Yr Storm
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25Yr Storm
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10Yr Storm
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2Yr Storm
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8/16/1985 13:0,9.9249
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8/16/1985 16:0,368.48
8/16/1985 17:0,426.2
8/16/1985 18:0,416.68
8/16/1985 19:0,342.06
8/16/1985 20:0,248.79
8/16/1985 21:0,173.02
8/16/1985 22:0,122.6
8/16/1985 23:0,90.331
8/17/1985 0:0,69.105
8/17/1985 1:0,54.463
8/17/1985 2:0,43.632
8/17/1985 3:0,35.981
8/17/1985 4:0,30.835
8/17/1985 5:0,26.764
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8/17/1985 7:0,24.194
8/17/1985 8:0,28.914
8/17/1985 9:0,31.266
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8/17/1985 11:0,43.568
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8/17/1985 13:0,95.932
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8/17/1985 15:0,214.71
8/17/1985 16:0,347.74
8/17/1985 17:0,476.84
8/17/1985 18:0,699.21
8/17/1985 19:0,897.54
8/17/1985 20:0,951.74
8/17/1985 21:0,922.7
8/17/1985 22:0,779.07
8/17/1985 23:0,712.44
8/18/1985 0:0,805.33
8/18/1985 1:0,999.59
8/18/1985 2:0,1915.8
8/18/1985 3:0,3044.9
8/18/1985 4:0,3680.1
8/18/1985 5:0,3606.3
8/18/1985 6:0,2942.8
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8/18/1985 8:0,2461.6
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8/18/1985 15:0,508.51
8/18/1985 16:0,455.23

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8/18/1985 20:0,395.3
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8/18/1985 22:0,381.96
8/18/1985 23:0,375.38
8/19/1985 0:0,368.96
8/19/1985 1:0,362.67
8/19/1985 2:0,356.44

Base File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,3.848404,1.758172,1.027581
15 Day,4.479075,2.030756,1.168556
30 Day,5.345074,2.437221,1.401613
60 Day,6.807252,3.153324,1.817477
90 Day,9.01114,4.454012,2.962035

Scenario File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,3.039709,1.39339,0.8255349
15 Day,3.784502,1.699117,0.9843503
30 Day,5.943259,2.346627,1.217414
60 Day,11.17885,4.31101,1.949744
90 Day,18.03738,9.693254,6.34382

Scenario File Log Pearson Type 3 Density

Ln Q,LP3 Density
0.269682914018631,4.27287351340055E-03
0.809048771858215,2.56986916065216E-02
1.34841454029083,8.76235887408257E-02
1.88778042793274,0.192876011133194
2.42714619636536,0.299852758646011
2.96651196479797,0.351258873939514
3.50587797164917,0.325360774993896
4.04524374008179,0.247242003679276
4.5846095085144,0.158637419342995
5.12397527694702,0.087938204407692
5.66334104537964,4.29044365882874E-02
6.20270681381226,0.018706776201725
6.74207305908203,7.38189741969109E-03
7.28143882751465,2.66459118574858E-03
7.82080459594727,8.8777911150828E-04
8.36017036437988,2.75133323157206E-04
8.8995361328125,7.98426844994538E-05
9.43890190124512,2.18217483052285E-05
9.97826766967773,5.64544734515948E-06
10.5176334381104,1.38863424581359E-06

Base File Log Pearson Type 3 Density

Ln Q,LP3 Density
0.256621181964874,4.13097441196442E-03
0.769863545894623,1.70497503131628E-02
1.28310585021973,5.43841756880283E-02
1.79634833335876,0.133689880371094
2.30959057807922,0.25255611538887
2.82283306121826,0.365588665008545
3.33607530593872,0.40431872010231
3.84931778907776,0.340604871511459
4.3625602722168,0.217897146940231
4.87580251693726,0.105531364679337
5.38904476165771,3.85721176862717E-02
5.90228700637817,1.06056332588196E-02
6.41552972793579,2.18653166666627E-03
6.92877197265625,3.36894008796662E-04
7.44201421737671,3.86620267818216E-05

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7.95525646209717,3.29336785398482E-06
8.46849918365479,2.07512073302496E-07
8.98174095153809,9.63729274161551E-09
9.4949836730957,3.2870056676515E-10
10.0082263946533,8.20321501698862E-12
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Hydrology Run 6

Run Date,6/11/2002
Run Time,8:24:43 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityClusterRestrictions\BACKCR1.PLT

BaseFile,G,-2.903251E-03,S,0.5407626
ScenarioFile,G,0.6730739,S,0.3628194

Return Period,Base File Output,Scenario File Output
100,25286.4214525241,27003.2303713834
50,17388.9435500616,19321.5400389139
25,11528.6179458271,13555.8658984322
10,6168.96353410832,8117.38592748191
5,3473.14758456132,5213.2417881243
2,1194.24626992231,2462.53455878484
Base File Hydrographs
100Yr Storm
11/3/1985 17:0,160.75
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11/3/1985 19:0,149.89
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11/3/1985 21:0,143.55
11/3/1985 22:0,141.15
11/3/1985 23:0,139.39
11/4/1985 0:0,137.87
11/4/1985 1:0,136.98
11/4/1985 2:0,136.56
11/4/1985 3:0,136.01
11/4/1985 4:0,159.98
11/4/1985 5:0,189.63
11/4/1985 6:0,198.65
11/4/1985 7:0,206.72
11/4/1985 8:0,214.81
11/4/1985 9:0,230.6
11/4/1985 10:0,276.85
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11/4/1985 14:0,18983
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11/4/1985 16:0,2251.6
11/4/1985 17:0,1359.1
11/4/1985 18:0,1470.7
11/4/1985 19:0,1481.7
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11/4/1985 21:0,1383.8
11/4/1985 22:0,1211.9
11/4/1985 23:0,1102.7
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11/5/1985 1:0,1011.9
11/5/1985 2:0,977.88
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11/5/1985 6:0,912.3
11/5/1985 7:0,897.42
11/5/1985 8:0,882.87
50Yr Storm
None
25Yr Storm
None
10Yr Storm
9/21/1979 6:0,27.742
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9/21/1979 8:0,29.941

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9/22/1979 14:0,366.8
5Yr Storm
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3/7/1967 19:0,378.29
3/7/1967 20:0,372.44
3/7/1967 21:0,366.73
2Yr Storm
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3/17/1983 15:0,48.555
3/17/1983 16:0,48.674
3/17/1983 17:0,48.71
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3/17/1983 21:0,50.741
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Scenario File Hydrographs
100Yr Storm
11/3/1985 17:0,266.13
11/3/1985 18:0,239.68
11/3/1985 19:0,234.75
11/3/1985 20:0,231.7
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11/5/1985 5:0,861.33
11/5/1985 6:0,846.18
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11/5/1985 8:0,815.11
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50Yr Storm
None
25Yr Storm
None
10Yr Storm
9/20/1979 15:0,23.536
9/20/1979 16:0,23.491
9/20/1979 17:0,23.446
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9/20/1979 19:0,23.356
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9/20/1979 22:0,23.224
9/20/1979 23:0,23.18
9/21/1979 0:0,23.136
9/21/1979 1:0,23.177
9/21/1979 2:0,26.078
9/21/1979 3:0,32.136
9/21/1979 4:0,39.818
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9/21/1979 8:0,85.033
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9/21/1979 10:0,103.38
9/21/1979 11:0,104.7
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9/21/1979 13:0,96.654
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9/21/1979 16:0,75.267
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9/21/1979 19:0,1290.4
9/21/1979 20:0,4631.4
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9/22/1979 3:0,466.6
9/22/1979 4:0,401.44
9/22/1979 5:0,381.33
9/22/1979 6:0,376.14
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9/22/1979 9:0,362.68
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5Yr Storm
10/17/1968 19:0,10.951
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10/18/1968 1:0,8.6846
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10/18/1968 8:0,13.632
10/18/1968 9:0,20.486
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10/18/1968 11:0,52.133
10/18/1968 12:0,71.894
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10/19/1968 22:0,552.19
10/19/1968 23:0,542.3
10/20/1968 0:0,532.67
10/20/1968 1:0,523.48
10/20/1968 2:0,514.51
2Yr Storm
3/30/1976 22:0,51.909
3/30/1976 23:0,51.344
3/31/1976 0:0,50.804
3/31/1976 1:0,50.281
3/31/1976 2:0,49.771
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3/31/1976 9:0,53.71
3/31/1976 10:0,61.632
3/31/1976 11:0,65.182
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3/31/1976 13:0,68.388
3/31/1976 14:0,69.096

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4/1/1976 5:0,355.3
4/1/1976 6:0,304.79
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4/1/1976 13:0,207.68
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4/1/1976 16:0,198.03
4/1/1976 17:0,195.01

Base File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,3.848404,1.758172,1.027581
15 Day,4.479075,2.030756,1.168556
30 Day,5.345074,2.437221,1.401613
60 Day,6.807252,3.153324,1.817477
90 Day,9.01114,4.454012,2.962035

Scenario File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,3.438421,1.573158,0.9253764
15 Day,4.253136,1.928309,1.114874
30 Day,6.158597,2.555961,1.360236
60 Day,9.931115,4.14903,2.0685
90 Day,14.3168,7.768436,5.309241

Scenario File Log Pearson Type 3 Density

Ln Q,LP3 Density
0.263507187366486,4.20141266658902E-03
0.790521562099457,1.96664873510599E-02
1.31753587722778,6.45560696721077E-02
1.84455037117004,0.153004467487335
2.37156462669373,0.268659830093384
2.89857912063599,0.35754781961441
3.42559337615967,0.368053942918777
3.95260787010193,0.298410594463348
4.47962236404419,0.193693682551384
5.00663661956787,0.102138213813305
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6.06066513061523,1.60384811460972E-02
6.58767986297607,4.8870756290853E-03
7.11469411849976,1.26705167349428E-03
7.64170837402344,2.82078923191875E-04
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8.6957368850708,9.14743213797919E-06
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Base File Log Pearson Type 3 Density

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Ln Q,LP3 Density
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7.95525646209717,3.29336785398482E-06
8.46849918365479,2.07512073302496E-07
8.98174095153809,9.63729274161551E-09
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Hydrology Run 7

Run Date,6/11/2002
Run Time,8:39:35 PM
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Scenario File,F:\8 Scenarios and
Baseline\MediumDensityConventionalNoRestrictions\BACKCR1.PLT

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ScenarioFile,G,0.8436562,S,0.2876396

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50Yr Storm
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25Yr Storm
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10Yr Storm
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60 Day,6.807252,3.153324,1.817477
90 Day,9.01114,4.454012,2.962035

Scenario File Low Flow

,2 Yr,10 Yr,50 Yr
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30 Day,5.603923,2.141439,1.093519
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2.82283306121826,0.365588665008545
3.33607530593872,0.40431872010231
3.84931778907776,0.340604871511459
4.3625602722168,0.217897146940231
4.87580251693726,0.105531364679337
5.38904476165771,3.85721176862717E-02
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7.95525646209717,3.29336785398482E-06
8.46849918365479,2.07512073302496E-07
8.98174095153809,9.63729274161551E-09
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Hydrology Run 8

Run Date,6/11/2002
Run Time,9:27:25 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and
Baseline\MediumDensityConventionalRestrictions\BACKCR1.PLT

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ScenarioFile,G,0.7608008,S,0.3353678

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25Yr Storm
None
10Yr Storm
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9/21/1979 22:0,6208.1
9/21/1979 23:0,4503.9
9/22/1979 0:0,2444.5
9/22/1979 1:0,1182.2
9/22/1979 2:0,641.95
9/22/1979 3:0,474.1
9/22/1979 4:0,416.8
9/22/1979 5:0,403.85
9/22/1979 6:0,404.58
9/22/1979 7:0,404.31
9/22/1979 8:0,400.86
9/22/1979 9:0,395.76
9/22/1979 10:0,390.09
9/22/1979 11:0,384.25
9/22/1979 12:0,378.35
9/22/1979 13:0,372.51
9/22/1979 14:0,366.8
5Yr Storm
3/6/1967 12:0,34.539
3/6/1967 13:0,34.481
3/6/1967 14:0,34.424
3/6/1967 15:0,34.366
3/6/1967 16:0,34.308
3/6/1967 17:0,34.25
3/6/1967 18:0,34.191
3/6/1967 19:0,34.133
3/6/1967 20:0,34.075
3/6/1967 21:0,34.017
3/6/1967 22:0,34.24
3/6/1967 23:0,39.493
3/7/1967 0:0,50.523
3/7/1967 1:0,63.843
3/7/1967 2:0,91.879
3/7/1967 3:0,820.69
3/7/1967 4:0,2522.3
3/7/1967 5:0,3696.3
3/7/1967 6:0,3435.3
3/7/1967 7:0,2378.3
3/7/1967 8:0,1328.1
3/7/1967 9:0,733.93
3/7/1967 10:0,515.22
3/7/1967 11:0,437.34
3/7/1967 12:0,414.74
3/7/1967 13:0,409.64
3/7/1967 14:0,406.24
3/7/1967 15:0,401.43
3/7/1967 16:0,395.9
3/7/1967 17:0,390.12
3/7/1967 18:0,384.22
3/7/1967 19:0,378.29
3/7/1967 20:0,372.44
3/7/1967 21:0,366.73
2Yr Storm
3/17/1983 14:0,48.508
3/17/1983 15:0,48.555
3/17/1983 16:0,48.674
3/17/1983 17:0,48.71
3/17/1983 18:0,48.728

3/17/1983 19:0,49.342
3/17/1983 20:0,50.226
3/17/1983 21:0,50.741
3/17/1983 22:0,51.034
3/17/1983 23:0,51.871
3/18/1983 0:0,54.403
3/18/1983 1:0,59.973
3/18/1983 2:0,68.028
3/18/1983 3:0,79.499
3/18/1983 4:0,92.098
3/18/1983 5:0,101.04
3/18/1983 6:0,113.61
3/18/1983 7:0,142.14
3/18/1983 8:0,187.36
3/18/1983 9:0,251.9
3/18/1983 10:0,311.55
3/18/1983 11:0,352.09
3/18/1983 12:0,379.68
3/18/1983 13:0,385.23
3/18/1983 14:0,386.05
3/18/1983 15:0,385.22
3/18/1983 16:0,390.16
3/18/1983 17:0,436.95
3/18/1983 18:0,614.58
3/18/1983 19:0,899.66
3/18/1983 20:0,1115.7
3/18/1983 21:0,1166.5
3/18/1983 22:0,1057.5
3/18/1983 23:0,892.07
3/19/1983 0:0,760.22
3/19/1983 1:0,675.49
3/19/1983 2:0,632.33
3/19/1983 3:0,609.57
3/19/1983 4:0,594.31
3/19/1983 5:0,582.82
3/19/1983 6:0,573.07
3/19/1983 7:0,563.88
3/19/1983 8:0,554.89
3/19/1983 9:0,546.07
3/19/1983 10:0,537.45
3/19/1983 11:0,529.1
Scenario File Hydrographs
100Yr Storm
11/2/1985 18:0,151.35
11/2/1985 19:0,146.77
11/2/1985 20:0,142.85
11/2/1985 21:0,136.98
11/2/1985 22:0,132.76
11/2/1985 23:0,129.25
11/3/1985 0:0,126.54
11/3/1985 1:0,127.42
11/3/1985 2:0,127.46
11/3/1985 3:0,131.38
11/3/1985 4:0,142.76
11/3/1985 5:0,157.06
11/3/1985 6:0,169.82
11/3/1985 7:0,182.74
11/3/1985 8:0,255.64
11/3/1985 9:0,476.77
11/3/1985 10:0,675.13
11/3/1985 11:0,745.92
11/3/1985 12:0,750.32
11/3/1985 13:0,660.97
11/3/1985 14:0,525.46
11/3/1985 15:0,409.99
11/3/1985 16:0,339.95
11/3/1985 17:0,295.16
11/3/1985 18:0,264.13
11/3/1985 19:0,261.88
11/3/1985 20:0,261.32
11/3/1985 21:0,245.9

11/3/1985 22:0,235.34
11/3/1985 23:0,227.08
11/4/1985 0:0,218.22
11/4/1985 1:0,215.22
11/4/1985 2:0,215.76
11/4/1985 3:0,214.75
11/4/1985 4:0,359.35
11/4/1985 5:0,543.03
11/4/1985 6:0,618.91
11/4/1985 7:0,669.17
11/4/1985 8:0,660.55
11/4/1985 9:0,679.22
11/4/1985 10:0,825.57
11/4/1985 11:0,4350.2
11/4/1985 12:0,18594
11/4/1985 13:0,29634
11/4/1985 14:0,21758
11/4/1985 15:0,8615.4
11/4/1985 16:0,2571.6
11/4/1985 17:0,1867.8
11/4/1985 18:0,2098.6
11/4/1985 19:0,1962.4
11/4/1985 20:0,1967.6
11/4/1985 21:0,1852
11/4/1985 22:0,1513.9
11/4/1985 23:0,1269.8
11/5/1985 0:0,1097.7
11/5/1985 1:0,973.96
11/5/1985 2:0,890.55
11/5/1985 3:0,857.96
11/5/1985 4:0,848.28
11/5/1985 5:0,836.29
11/5/1985 6:0,821.16
11/5/1985 7:0,805.3
11/5/1985 8:0,789.95
11/5/1985 9:0,775.51
11/5/1985 10:0,762
11/5/1985 11:0,748.96
50Yr Storm
None
25Yr Storm
None
10Yr Storm
9/20/1979 15:0,22.597
9/20/1979 16:0,22.554
9/20/1979 17:0,22.511
9/20/1979 18:0,22.468
9/20/1979 19:0,22.425
9/20/1979 20:0,22.383
9/20/1979 21:0,22.34
9/20/1979 22:0,22.298
9/20/1979 23:0,22.256
9/21/1979 0:0,22.214
9/21/1979 1:0,22.283
9/21/1979 2:0,26.11
9/21/1979 3:0,34.556
9/21/1979 4:0,45.184
9/21/1979 5:0,55.756
9/21/1979 6:0,61.521
9/21/1979 7:0,81.1
9/21/1979 8:0,110.67
9/21/1979 9:0,129.03
9/21/1979 10:0,135.92
9/21/1979 11:0,135.48
9/21/1979 12:0,130.08
9/21/1979 13:0,118.3
9/21/1979 14:0,105.91
9/21/1979 15:0,94.393
9/21/1979 16:0,86.796
9/21/1979 17:0,147.14
9/21/1979 18:0,386.4

9/21/1979 19:0,1658.2
9/21/1979 20:0,5519.8
9/21/1979 21:0,9727.3
9/21/1979 22:0,9337.4
9/21/1979 23:0,5536.1
9/22/1979 0:0,2540
9/22/1979 1:0,1128.4
9/22/1979 2:0,628.23
9/22/1979 3:0,463.86
9/22/1979 4:0,395.82
9/22/1979 5:0,372.99
9/22/1979 6:0,365.64
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9/22/1979 8:0,355.86
9/22/1979 9:0,350.23
9/22/1979 10:0,344.5
9/22/1979 11:0,338.85
9/22/1979 12:0,333.29
9/22/1979 13:0,327.81
9/22/1979 14:0,322.41
5Yr Storm
10/17/1968 19:0,11.077
10/17/1968 20:0,10.639
10/17/1968 21:0,10.231
10/17/1968 22:0,9.8292
10/17/1968 23:0,9.436
10/18/1968 0:0,9.0536
10/18/1968 1:0,8.684
10/18/1968 2:0,8.3289
10/18/1968 3:0,7.9895
10/18/1968 4:0,7.6668
10/18/1968 5:0,7.3613
10/18/1968 6:0,9.9714
10/18/1968 7:0,13.663
10/18/1968 8:0,16.931
10/18/1968 9:0,26.272
10/18/1968 10:0,46.261
10/18/1968 11:0,76.039
10/18/1968 12:0,107.63
10/18/1968 13:0,145.73
10/18/1968 14:0,218.22
10/18/1968 15:0,678.71
10/18/1968 16:0,1257.1
10/18/1968 17:0,1509
10/18/1968 18:0,1515.9
10/18/1968 19:0,1380.4
10/18/1968 20:0,1258.4
10/18/1968 21:0,1131.6
10/18/1968 22:0,1101.6
10/18/1968 23:0,1069.9
10/19/1968 0:0,964.07
10/19/1968 1:0,847.66
10/19/1968 2:0,692.44
10/19/1968 3:0,557.8
10/19/1968 4:0,761.45
10/19/1968 5:0,2398.2
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10/19/1968 9:0,3859.4
10/19/1968 10:0,2550
10/19/1968 11:0,1815.9
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10/19/1968 15:0,845.96
10/19/1968 16:0,739.08
10/19/1968 17:0,662.6
10/19/1968 18:0,618.47
10/19/1968 19:0,592.55
10/19/1968 20:0,575.42

10/19/1968 21:0,562.93
10/19/1968 22:0,552.27
10/19/1968 23:0,542.17
10/20/1968 0:0,532.36
10/20/1968 1:0,522.99
10/20/1968 2:0,513.85
10/20/1968 3:0,504.66
2Yr Storm
9/15/1989 9:0,22.292
9/15/1989 10:0,22.163
9/15/1989 11:0,22.036
9/15/1989 12:0,21.91
9/15/1989 13:0,21.787
9/15/1989 14:0,21.665
9/15/1989 15:0,21.545
9/15/1989 16:0,21.427
9/15/1989 17:0,21.31
9/15/1989 18:0,21.196
9/15/1989 19:0,21.082
9/15/1989 20:0,38.924
9/15/1989 21:0,109.52
9/15/1989 22:0,164.84
9/15/1989 23:0,425.93
9/16/1989 0:0,1822.8
9/16/1989 1:0,2961.9
9/16/1989 2:0,2766.8
9/16/1989 3:0,2281.2
9/16/1989 4:0,1558.7
9/16/1989 5:0,916.31
9/16/1989 6:0,619.36
9/16/1989 7:0,587.35
9/16/1989 8:0,598.72
9/16/1989 9:0,532.15
9/16/1989 10:0,483.69
9/16/1989 11:0,497.91
9/16/1989 12:0,511.26
9/16/1989 13:0,562.48
9/16/1989 14:0,966.69
9/16/1989 15:0,1292.7
9/16/1989 16:0,1249.7
9/16/1989 17:0,1077.4
9/16/1989 18:0,829.84
9/16/1989 19:0,618.06
9/16/1989 20:0,470.41
9/16/1989 21:0,392.51
9/16/1989 22:0,358.54
9/16/1989 23:0,344.37
9/17/1989 0:0,337.24
9/17/1989 1:0,331.88
9/17/1989 2:0,326.64
9/17/1989 3:0,321.29
9/17/1989 4:0,315.94
9/17/1989 5:0,310.64
9/17/1989 6:0,305.44
9/17/1989 7:0,300.36

Base File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,3.848404,1.758172,1.027581
15 Day,4.479075,2.030756,1.168556
30 Day,5.345074,2.437221,1.401613
60 Day,6.807252,3.153324,1.817477
90 Day,9.01114,4.454012,2.962035

Scenario File Low Flow

,2 Yr,10 Yr,50 Yr
7 Day,3.277722,1.501477,0.8856477
15 Day,4.07303,1.837057,1.061981
30 Day,6.108988,2.481711,1.304749

60 Day,10.5476,4.256094,2.031846
90 Day,15.93368,8.631469,5.797884

Scenario File Log Pearson Type 3 Density

Ln Q,LP3 Density
0.26596862077713,4.20444365590811E-03
0.79790586233139,2.16886233538389E-02
1.32984304428101,7.26825818419456E-02
1.86178040504456,0.168133288621902
2.39371752738953,0.28187420964241
2.92565488815308,0.356348752975464
3.45759201049805,0.351033836603165
3.9895293712616,0.276928633451462
4.52146673202515,0.179046958684921
5.05340385437012,9.67592597007751E-02
5.58534097671509,4.44510988891125E-02
6.11727809906006,1.76150593906641E-02
6.64921569824219,6.09851675108075E-03
7.18115282058716,1.86529022175819E-03
7.71308994293213,5.0899904454127E-04
8.24502754211426,1.25001140986569E-04
8.77696418762207,2.78420629911125E-05
9.3089017868042,5.66345852348604E-06
9.84083938598633,1.05865024124796E-06
10.3727760314941,1.82870607545738E-07

Base File Log Pearson Type 3 Density

Ln Q,LP3 Density
0.256621181964874,4.13097441196442E-03
0.769863545894623,1.70497503131628E-02
1.28310585021973,5.43841756880283E-02
1.79634833335876,0.133689880371094
2.30959057807922,0.25255611538887
2.82283306121826,0.365588665008545
3.33607530593872,0.40431872010231
3.84931778907776,0.340604871511459
4.3625602722168,0.217897146940231
4.87580251693726,0.105531364679337
5.38904476165771,3.85721176862717E-02
5.90228700637817,1.06056332588196E-02
6.41552972793579,2.18653166666627E-03
6.92877197265625,3.36894008796662E-04
7.44201421737671,3.86620267818216E-05
7.95525646209717,3.29336785398482E-06
8.46849918365479,2.07512073302496E-07
8.98174095153809,9.63729274161551E-09
9.4949836730957,3.2870056676515E-10
10.0082263946533,8.20321501698862E-12

Stream Health Run 1

Run Date,6/11/2002
Run Time,5:56:45 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\HighDensityNoRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Central Stoneroller.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,7668,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,3.708155,Index,5
90-10 Range ,114.7706,Index,5
Number of Storms 3x Median,13026,Index,5
Number of High Flow Events,4146,Index,5
High Flow Duration (hrs) ,206352,Index,5
Number of Low Flow Events ,188,Index,5
Low Flow Duration (hrs) ,24336,Index,5
Overall Index,5
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9129032,0,0.8287289,0,0.4695625,0,0.4597939,0,0.3961596,0,0.3644606,0,0.511131,0,0.469979,0,0.4936551,0,0.5016171,
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,0.99,0.5514552,
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0.97,0.9303234,0.98,0.8629829,0.98,0.5756487,0.98,0.5678353,0.99,0.516928,0.99,0.4915672,0.99,0.6089051,0.99,0.575983,0.99,0.5949233,0
.99,0.6012934,
0.97,0.9346771,0.98,0.871547,0.98,0.6021715,0.98,0.5948464,0.99,0.5471201,0.99,0.5233458,0.99,0.6333479,0.99,0.6024846,0.99,0.6202417,
0.99,0.6262111,
0.97,0.9390308,0.98,0.8801112,0.98,0.6286944,0.98,0.6218548,0.99,0.5773122,0.99,0.5551218,0.99,0.6577908,0.99,0.6289862,0.99,0.6455574
,0.99,0.6511315,
0.98,0.9433872,0.98,0.8886726,0.98,0.6552146,0.98,0.6488658,0.99,0.6075042,0.99,0.5868977,0.99,0.6822336,0.99,0.6554853,0.99,0.6708758
,0.99,0.676052,
0.98,0.9477409,0.98,0.8972368,0.98,0.6817375,0.98,0.6758769,0.99,0.6376963,0.99,0.6186764,0.99,0.7066792,0.99,0.6819869,0.99,0.6961915
,0.99,0.7009697,
0.98,0.9520972,0.98,0.9058009,0.98,0.7082577,0.99,0.7028852,0.99,0.6678884,0.99,0.6504524,0.99,0.731122,0.99,0.7084885,0.99,0.7215099,
0.99,0.7258875,
0.98,0.956451,0.98,0.9143625,0.98,0.7347806,0.99,0.7298962,0.99,0.6980779,0.99,0.6822283,0.99,0.7555649,0.99,0.7349876,0.99,0.7468256,
0.99,0.7508079,
0.98,0.9608047,0.98,0.9229266,0.98,0.7613035,0.99,0.7569073,0.99,0.7282699,0.99,0.714007,0.99,0.7800077,0.99,0.7614892,0.99,0.772144,0
.99,0.7757283,
0.98,0.965161,0.98,0.9314908,0.99,0.7878237,0.99,0.7839157,0.99,0.758462,0.99,0.7457829,0.99,0.8044506,0.99,0.7879908,0.99,0.7974623,0
.99,0.800646,
0.98,0.9695147,0.98,0.9400549,0.99,0.8143466,0.99,0.8109267,0.99,0.7886541,0.99,0.7775615,0.99,0.828896,0.99,0.8144925,0.99,0.822778,0
.99,0.8255638,
0.98,0.9738711,0.98,0.9486191,0.99,0.8408667,0.99,0.8379378,0.99,0.8188462,0.99,0.8093375,0.99,0.8533389,0.99,0.8409941,0.99,0.8480964
,0.99,0.8504842,

0.98,0.9782248,0.99,0.9571806,0.99,0.8673896,0.99,0.8649461,0.99,0.8490382,0.99,0.8411135,0.99,0.8777817,0.99,0.8674931,0.99,0.8734121
,0.99,0.8754046,
0.98,0.9825785,0.99,0.9657447,0.99,0.8939125,0.99,0.8919572,0.99,0.8792303,0.99,0.8728921,0.99,0.9022246,0.99,0.8939947,0.99,0.8987305
,0.99,0.9003224,
0.99,0.9869349,0.99,0.9743088,0.99,0.9204327,0.99,0.9189682,0.99,0.9094224,0.99,0.9046681,0.99,0.9266675,0.99,0.9204964,0.99,0.9240462
,1,0.9252401,
0.99,0.9912886,0.99,0.9828704,0.99,0.9469556,0.99,0.9459792,1,0.9396145,1,0.936444,0.99,0.951113,0.99,0.9469954,0.99,0.9493646,1,0.950
1605,
0.99,0.995645,0.99,0.9914345,1,0.9734758,1,0.9729877,1,0.9698066,1,0.9682227,1,0.9755558,1,0.973497,1,0.9746803,1,0.9750809,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9994866,0,0,0,0.9795195,0,0.9762403,0,0.923436,0,0.9094357,0,0,0,0.9920686,0,0,0,0,
0.03,0.9995371,0,9.999868E-02,0.03,0.9815677,0.03,0.9786148,0.02,0.9310928,0.02,0.9184906,0,9.999868E-02,0.02,0.9928619,0,9.999868E-
02,0,9.999868E-02,
0.03,0.9995636,0,0.1499987,0.03,0.9825918,0.03,0.9798034,0.02,0.9349212,0.02,0.9230195,0,0.1499987,0.02,0.9932572,0,0.1499987,0,0.1499
987,
0.03,0.9995901,0,0.1999987,0.03,0.9836159,0.03,0.980992,0.02,0.9387496,0.02,0.9275483,0,0.1999987,0.02,0.9936551,0,0.1999987,0,0.19999
87,
0.03,0.999614,0,0.2499987,0.03,0.98464,0.03,0.9821806,0.02,0.9425753,0.03,0.9320771,0,0.2499987,0.02,0.9940504,0,0.2499987,0,0.2499987
,
0.03,0.9996405,0,0.2999987,0.03,0.9856641,0.03,0.9833692,0.03,0.9464037,0.04,0.9366059,0,0.2999987,0.02,0.9944484,0,0.2999987,0,0.2999
987,
0.03,0.999667,0,0.3499987,0.03,0.9866881,0.03,0.9845551,0.03,0.9502321,0.05,0.9411321,0,0.3499987,0.02,0.9948437,0,0.3499987,0,0.34999
87,
0.03,0.9996909,0,0.3999987,0.03,0.9877123,0.03,0.9857436,0.03,0.9540606,0.96,0.9456609,0,0.3999987,0.02,0.9952417,0,0.3999987,0,0.3999
987,
0.03,0.9997175,0,0.4499987,0.03,0.9887363,0.03,0.9869322,0.03,0.957889,0.96,0.9501897,0,0.4499987,0.02,0.995637,0,0.4499987,0,0.449998
7,
0.03,0.999744,0,0.4999987,0.03,0.9897578,0.03,0.9881182,0.95,0.9617174,0.96,0.9547158,0,0.4999987,0.02,0.996035,0,0.4999987,0,0.499998
7,
0.03,0.9997678,0,0.5499987,0.03,0.9907818,0.03,0.9893067,0.95,0.9655457,0.96,0.9592447,0,0.5499987,0.02,0.9964303,0,0.5499987,0,0.5499
987,
0.03,0.9997944,0,0.5999987,0.03,0.991806,0.03,0.9904953,0.96,0.9693741,0.96,0.9637735,0,0.5999987,0.02,0.9968256,0,0.5999987,0,0.59999
87,
0.03,0.9998183,0,0.6499987,0.03,0.99283,0.03,0.9916839,0.96,0.9732025,0.96,0.9683023,0,0.6499987,0.02,0.9972236,0,0.6499987,0,0.649998
7,
0.03,0.9998448,0,0.6999987,0.03,0.9938541,0.03,0.9928725,0.96,0.9770309,0.96,0.9728311,0,0.6999987,0.02,0.9976189,0,0.6999987,0,0.6999
987,
0.03,0.9998713,0,0.7499987,0.03,0.9948782,0.03,0.9940584,0.96,0.9808593,0.97,0.9773573,0,0.7499987,0.02,0.9980168,0,0.7499987,0,0.7499
987,
0.03,0.9998952,0,0.7999987,0.03,0.9959023,0.03,0.995247,0.96,0.9846851,0.97,0.9818861,0,0.7999987,0.02,0.9984121,0,0.7999987,0,0.79999
87,

0.03,0.9999217,0,0.8499987,0.03,0.9969264,0.03,0.9964356,0.97,0.9885135,0.98,0.9864149,0,0.8499987,0.02,0.9988101,0,0.8499987,0,0.8499987,
0.03,0.9999483,0,0.8999987,0.03,0.9979505,0.03,0.9976215,0.97,0.9923419,0.98,0.990941,0,0.8999987,0.02,0.9992054,0,0.8999987,0,0.8999987,
0.03,0.9999722,0,0.9499987,0.03,0.9989746,0.03,0.9988101,0.97,0.9961703,0.98,0.9954699,0,0.9499987,0.02,0.9996034,0,0.9499987,0,0.9499987,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.989812E-05,0,5.43882E-05,0,8.622519E-05,0,7.295978E-05,0,6.234745E-05,0,4.642895E-05,0,4.768916E-03,0,3.161148E-03,0,6.347501E-03,0,7.201794E-03,
0.99,0.1000172,0.03,0.1000491,0.04,0.1000783,0.03,0.100065,0.04,0.100057,0.04,0.1000411,0.02,0.1042914,0.02,0.1028454,0.01,0.1057134,0.01,0.1064828,
0.99,0.1500172,0.03,0.1500464,0.04,0.150073,0.04,0.1500624,0.99,0.1500517,0.99,0.1500385,0.02,0.1540526,0.02,0.1526863,0.02,0.155395,0.02,0.156122,
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0.99,0.2500146,1,0.2500411,0.99,0.250065,0.99,0.2500544,0.99,0.2500464,0.99,0.2500358,0.02,0.253575,0.99,0.2523705,0.02,0.254761,0.02,0.2554004,
0.99,0.3000146,1,0.3000385,0.99,0.3000597,0.99,0.3000517,0.99,0.3000438,0.99,0.3000332,0.99,0.3033389,1,0.3022113,1,0.3044426,1,0.3050395,
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1,0.700004,1,0.7000146,1,0.7000252,1,0.7000199,1,0.7000173,1,0.700012,1,0.7014287,1,0.7009485,1,0.7019036,1,0.7021583,
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1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9969158,0,0.9925408,0,0.946218,0,0.9431537,0,0.9221201,0,0.9091359,0,0.9564059,0,0.946677,0,0.952397,0,0.9538297,
0.93,0.9972236,0.94,0.9932864,0.93,0.9515958,0.94,0.9488392,0.95,0.9299069,0.96,0.9182227,0.96,0.9607649,0.96,0.9520097,0.96,0.9571567
,0.97,0.9584461,
0.93,0.9973775,0.94,0.9936604,0.93,0.954286,0.94,0.9516807,0.95,0.9338016,0.96,0.9227648,0.96,0.9629457,0.96,0.954676,0.96,0.9595365,0
.97,0.9607543,
0.93,0.9975313,0.94,0.9940319,0.94,0.9569736,0.94,0.9545222,0.96,0.9376963,0.96,0.9273095,0.96,0.9651239,0.96,0.9573424,0.96,0.9619163
,0.97,0.9630625,
0.93,0.9976852,0.94,0.994406,0.94,0.9596639,0.94,0.9573636,0.96,0.9415884,0.96,0.9318516,0.96,0.9673047,0.96,0.9600061,0.97,0.9642988,
0.97,0.9653707,
0.93,0.9978417,0.94,0.9947774,0.94,0.9623514,0.95,0.9602078,0.96,0.9454831,0.96,0.9363937,0.96,0.9694829,0.96,0.9626725,0.97,0.9666786
,0.97,0.9676815,
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,0.97,0.9722978,
0.93,0.9983034,0.95,0.995897,0.95,0.9704195,0.96,0.9687347,0.97,0.9571646,0.97,0.9500252,0.97,0.9760228,0.97,0.9706715,0.97,0.9738181,
0.97,0.974606,
0.95,0.9984573,0.95,0.9962685,0.95,0.973107,0.96,0.9715762,0.97,0.9610594,0.97,0.9545673,0.97,0.978201,0.97,0.9733378,0.97,0.9761978,0
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0.95,0.9986111,0.96,0.9966425,0.95,0.9757972,0.96,0.9744176,0.97,0.9649541,0.97,0.9591094,0.97,0.9803818,0.97,0.9760042,0.97,0.9785777
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0.95,0.998765,0.96,0.9970166,0.96,0.9784875,0.96,0.9772618,0.97,0.9688462,0.97,0.9636541,0.97,0.9825626,0.97,0.9786705,0.98,0.9809575,
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,0.98,0.9861469,
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0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
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Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

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1,0.1500119,0.27,0.150073,0.31,0.458661,0.13,0.9224013,0.01,0.9237411,0,0.1499987
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Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.459196E-05,0,9.418444E-05,0,1.605115E-04,0,1.392869E-04,0,7.561286E-05,0,7.03067E-05,0,3.568396E-04,0,2.294917E-04,0,3.064311E-
04,0,4.617691E-03,
1,0.1000119,1,0.1000836,1,0.1001446,1,0.100126,1,0.1000677,1,0.1000623,0.04,0.1003224,0.04,0.1002056,0.03,0.1002746,0.03,0.1041561,
1,0.1500119,1,0.1500809,1,0.1501366,1,0.1501181,1,0.150065,1,0.1500597,1,0.1503038,1,0.150195,1,0.1502613,1,0.1539252,
1,0.2000119,1,0.2000756,1,0.2001287,1,0.2001101,1,0.2000597,1,0.200057,1,0.2002852,1,0.2001844,1,0.2002454,1,0.2036944,
1,0.2500093,1,0.2500703,1,0.2501207,1,0.2501048,1,0.250057,1,0.2500517,1,0.2502666,1,0.2501711,1,0.2502295,1,0.2534636,
1,0.3000093,1,0.300065,1,0.3001128,1,0.3000968,1,0.3000517,1,0.3000491,1,0.3002481,1,0.3001605,1,0.3002136,1,0.3032328,
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Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9039995,0,0.8675382,0,0.6335496,0,0.6129882,0,0.5395402,0,0.5022113,0,0.6392139,0,0.5969609,0,0.6110833,0,0.6078783,
0.97,0.9135984,0.98,0.880785,0.97,0.6701939,0.98,0.6516887,0.98,0.5855871,0.98,0.5519912,0.98,0.6752931,0.98,0.6372639,0.99,0.6499748,
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Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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0.03,0.9978152,0,0.5499987,0.03,0.9863274,0.03,0.983783,0.03,0.9583744,0.05,0.9512191,0,0.5499987,0.02,0.9940637,0.01,0.9999987,0,0.54
99987,
0.03,0.9980593,0,0.5999987,0.03,0.9878476,0.03,0.9855845,0.03,0.9629988,0.05,0.9566393,0,0.5999987,0.02,0.9947243,0.01,0.9999987,0,0.5
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999987,
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0.03,0.9990277,0,0.7999987,0.03,0.9939231,0.03,0.9927902,0.96,0.9814987,0.96,0.9783177,0,0.7999987,0.02,0.9973615,0.01,0.9999987,0,0.7
999987,
0.03,0.9992718,0,0.8499987,0.03,0.9954407,0.03,0.9945943,0.96,0.986123,0.97,0.9837379,0,0.8499987,0.02,0.9980195,0.01,0.9999987,0,0.84
99987,
0.03,0.9995131,0,0.8999987,0.03,0.9969609,0.03,0.9963958,0.97,0.99075,0.98,0.9891582,0,0.8999987,0.02,0.9986801,0.01,0.9999987,0,0.899
9987,
0.03,0.9997572,0,0.9499987,0.03,0.9984785,0.03,0.9981973,0.97,0.9953743,0.98,0.9945784,0,0.9499987,0.02,0.999338,0.01,0.9999987,0,0.94
99987,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0.01,0.9999987,0,0.9
999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.339807E-04,0,6.24801E-04,0,1.367664E-03,0,1.067866E-03,0,5.743924E-04,0,3.780643E-04,0,1.666799E-02,0,1.265918E-02,0,2.511806E-
02,0,3.106627E-02,
0.99,0.1001207,0.03,0.1005611,0.04,0.1012297,0.03,0.1009617,0.03,0.100516,0.03,0.1003409,0.02,0.1150019,0.02,0.1113937,0.01,0.1226056,
0.01,0.1279595,
0.99,0.1501128,1,0.1505319,0.05,0.1511634,0.04,0.1509087,0.99,0.1504868,0.99,0.1503223,0.02,0.1641688,0.02,0.1607596,0.02,0.1713507,0.
02,0.1764075,
0.99,0.2001075,1,0.2005001,0.99,0.2010944,0.99,0.200853,0.99,0.2004603,0.99,0.2003011,0.03,0.2133331,0.99,0.2101281,0.02,0.2200931,0.0
2,0.2248528,
0.99,0.2500995,1,0.2504683,0.99,0.2510254,0.99,0.2507999,0.99,0.2504311,0.99,0.2502826,0.99,0.2625,1,0.2594941,1,0.2688382,1,0.2732981
,
0.99,0.3000942,1,0.3004364,0.99,0.3009564,0.99,0.3007468,0.99,0.300402,0.99,0.300264,1,0.3116669,1,0.30886,1,0.3175833,1,0.321746,
0.99,0.3500862,1,0.3504046,0.99,0.3508874,0.99,0.3506938,0.99,0.3503728,0.99,0.3502454,1,0.3608339,1,0.3582285,1,0.3663257,1,0.3701939
,
1,0.4000809,1,0.4003754,0.99,0.4008211,0.99,0.4006407,0.99,0.4003436,0.99,0.4002268,1,0.4100008,1,0.4075944,1,0.4150708,1,0.4186392,
1,0.450073,1,0.4503436,0.99,0.4507521,0.99,0.4505877,0.99,0.4503144,0.99,0.4502083,1,0.4591677,1,0.456963,1,0.4638133,1,0.4670845,
1,0.5000677,1,0.5003117,0.99,0.5006832,0.99,0.5005346,0.99,0.5002852,0.99,0.5001897,1,0.5083346,1,0.5063289,1,0.5125583,1,0.5155325,
1,0.5500597,1,0.5502799,0.99,0.5506142,0.99,0.5504789,0.99,0.5502587,0.99,0.5501685,1,0.5574989,1,0.5556948,1,0.5613034,1,0.5639804,

1,0.6000518,1,0.600248,0.99,0.6005452,1,0.6004258,0.99,0.6002295,0.99,0.6001499,1,0.6066658,1,0.6050634,1,0.6100459,1,0.6124257,
1,0.6500464,1,0.6502189,0.99,0.6504789,1,0.6503727,0.99,0.6502003,0.99,0.6501313,1,0.6558328,1,0.6544293,1,0.658791,1,0.660871,
1,0.7000385,1,0.700187,1,0.7004099,1,0.7003197,1,0.7001711,1,0.7001128,1,0.7049997,1,0.7037979,1,0.7075334,1,0.7093189,
1,0.7500331,1,0.7501552,1,0.7503409,1,0.7502666,1,0.7501419,1,0.7500942,1,0.7541667,1,0.7531638,1,0.7562785,1,0.7577669,
1,0.8000252,1,0.8001234,1,0.8002719,1,0.8002136,1,0.8001128,1,0.8000756,1,0.8033336,1,0.8025297,1,0.8050236,1,0.8062122,
1,0.8500199,1,0.8500915,1,0.850203,1,0.8501579,1,0.8500862,1,0.8500544,1,0.8524979,1,0.8518983,1,0.853766,1,0.8546575,
1,0.900012,1,0.9000623,1,0.9001366,1,0.9001048,1,0.900057,1,0.9000358,1,0.9016648,1,0.9012642,1,0.9025111,1,0.9031054,
1,0.9500066,1,0.9500305,1,0.9500676,1,0.9500517,1,0.9500279,1,0.9500173,1,0.9508318,1,0.9506328,1,0.9512536,1,0.9515534,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9711225,0,0.9618182,0,0.9205813,0,0.9144474,0,0.8969423,0,0.8860408,0,0.9156492,0,0.9064006,0,0.9086371,0,0.9073398,
0.09,0.9740091,0.07,0.965636,0.04,0.928522,0.04,0.9230036,0.03,0.9072469,0.03,0.8974358,0.05,0.9240834,0.05,0.9157606,0.04,0.9177743,0
.04,0.916607,
0.11,0.975455,0.08,0.9675462,0.08,0.9324936,0.07,0.9272803,0.05,0.9124019,0.05,0.9031346,0.06,0.9283018,0.05,0.9204407,0.05,0.9223403,
0.04,0.9212393,
0.92,0.9768983,0.09,0.9694538,0.08,0.9364653,0.07,0.9315571,0.06,0.9175541,0.05,0.9088334,0.06,0.9325202,0.06,0.9251207,0.05,0.9269089
,0.05,0.9258716,
0.93,0.9783416,0.1,0.971364,0.09,0.940437,0.08,0.9358365,0.07,0.9227064,0.06,0.9145296,0.07,0.9367359,0.06,0.9298007,0.06,0.9314775,0.
97,0.9305038,
0.93,0.9797848,0.94,0.9732715,0.1,0.944406,0.09,0.9401133,0.07,0.9278587,0.96,0.9202284,0.96,0.9409543,0.96,0.9344808,0.96,0.9360461,0
.97,0.9351361,
0.93,0.9812281,0.94,0.9751818,0.93,0.9483777,0.94,0.9443901,0.95,0.933011,0.96,0.9259273,0.96,0.9451727,0.96,0.9391608,0.96,0.9406147,
0.97,0.9397711,
0.94,0.9826741,0.94,0.9770893,0.94,0.9523493,0.94,0.9486668,0.96,0.9381659,0.96,0.9316234,0.96,0.9493884,0.96,0.9438409,0.97,0.9451807
,0.97,0.9444034,
0.95,0.9841173,0.95,0.9789995,0.94,0.9563183,0.95,0.9529462,0.96,0.9433182,0.96,0.9373223,0.96,0.9536068,0.97,0.9485209,0.97,0.9497493
,0.97,0.9490356,
0.95,0.9855606,0.95,0.9809071,0.95,0.96029,0.95,0.957223,0.96,0.9484705,0.97,0.9430211,0.97,0.9578252,0.97,0.9531983,0.97,0.9543179,0.
98,0.9536706,
0.95,0.9870039,0.96,0.9828173,0.95,0.9642617,0.96,0.9614998,0.97,0.9536228,0.97,0.9487172,0.97,0.962041,0.97,0.9578784,0.97,0.9588865,
0.98,0.9583028,
0.95,0.9884471,0.96,0.9847275,0.95,0.9682307,0.96,0.9657792,0.97,0.958775,0.97,0.954416,0.97,0.9662594,0.97,0.9625584,0.98,0.9634551,0
.98,0.9629351,
0.95,0.9898931,0.96,0.9866351,0.96,0.9722023,0.96,0.970056,0.97,0.96393,0.97,0.9601122,0.97,0.9704752,0.97,0.9672384,0.98,0.9680211,0.
98,0.9675674,
0.96,0.9913363,0.96,0.9885453,0.96,0.976174,0.96,0.9743327,0.97,0.9690823,0.98,0.9658111,0.97,0.9746936,0.98,0.9719185,0.98,0.9725897,
0.98,0.9721997,
0.97,0.9927796,0.97,0.9904529,0.96,0.980143,0.96,0.9786095,0.97,0.9742346,0.98,0.9715099,0.97,0.978912,0.98,0.9765985,0.98,0.9771583,0
.98,0.9768346,
0.97,0.9942229,0.97,0.9923631,0.96,0.9841146,0.97,0.9828889,0.97,0.9793869,0.98,0.9772061,0.98,0.9831277,0.98,0.9812785,0.98,0.9817269
,0.98,0.9814669,

0.97,0.9956662,0.97,0.9942707,0.97,0.9880863,0.97,0.9871657,0.98,0.9845392,0.98,0.9829049,0.98,0.9873461,0.98,0.9859586,0.98,0.9862955
,0.99,0.9860992,
0.97,0.9971121,0.98,0.9961809,0.97,0.992058,0.98,0.9914425,0.98,0.9896941,0.98,0.9886037,0.98,0.9915645,0.98,0.9906386,0.99,0.9908615,
0.99,0.9907341,
0.97,0.9985554,0.98,0.9980885,0.97,0.996027,0.98,0.9957219,0.98,0.9948464,0.99,0.9942998,0.98,0.9957803,0.99,0.9953187,0.99,0.9954301,
0.99,0.9953664,
0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,
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0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,
0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,
0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,
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0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,
0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,
0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,
0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,
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0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,
0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,
0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,
0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,8.887827E-05,0,9.670487E-04,0,0.4914478,0,0.8707776,0,0.8968601,0,0
0.4,0.1000809,0.04,0.1008689,0.24,0.5423021,0.08,0.8837008,0.01,0.9071726,0,9.999868E-02
1,0.1500756,0.27,0.1508211,0.24,0.5677292,0.12,0.890161,0.01,0.9123302,0,0.1499987
1,0.2000703,0.51,0.2007734,0.27,0.593159,0.13,0.8966213,0.01,0.9174878,0,0.1999987
1,0.2500677,0.99,0.2507256,0.51,0.6185862,0.22,0.9030815,0.01,0.9226454,0,0.2499987

1,0.3000624,0.99,0.3006779,0.72,0.6440133,0.23,0.9095445,0.01,0.927803,0,0.2999987
1,0.350057,0.99,0.3506275,0.86,0.6694404,0.28,0.9160047,0.01,0.9329579,0,0.3499987
1,0.4000517,1,0.4005797,0.95,0.6948676,0.39,0.922465,0.01,0.9381155,0,0.3999987
1,0.4500491,1,0.4505319,0.95,0.7202948,0.46,0.9289279,0.01,0.9432731,0,0.4499987
1,0.5000437,1,0.5004815,0.95,0.7457219,0.54,0.9353881,0.01,0.948428,0,0.4999987
1,0.5500385,1,0.5504338,0.95,0.7711517,0.61,0.9418484,0.01,0.9535856,0,0.5499987
1,0.6000358,1,0.600386,0.95,0.7965788,0.69,0.9483113,0.11,0.9587432,0,0.5999987
1,0.6500305,1,0.6503383,0.95,0.822006,0.78,0.9547716,0.12,0.9639008,0,0.6499987
1,0.7000252,1,0.7002905,0.95,0.8474331,0.84,0.9612318,0.13,0.9690584,0,0.6999987
1,0.7500199,1,0.7502401,0.96,0.8728603,0.89,0.9676948,0.14,0.9742134,0,0.7499987
1,0.8000172,1,0.8001924,0.98,0.8982874,0.92,0.974155,0.22,0.979371,0,0.7999987
1,0.8500119,1,0.8501446,0.98,0.9237173,0.93,0.9806153,0.23,0.9845285,0,0.8499987
1,0.9000067,1,0.9000942,0.99,0.9491444,0.93,0.9870755,0.23,0.9896835,0,0.8999987
1,0.950004,1,0.9500464,1,0.9745715,0.95,0.9935384,0.23,0.9948411,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.98,0.9999987,0.31,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99761, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,0.3082874, %
Acceptable Depth in Reach,1,8.709517, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,5.120436E-02, %
Optimum Velocity in Reach,2,99.99416, %
Acceptable Velocity in Reach,2,99.99814, %
Optimum Depth in Reach,2,0.7457796, %
Acceptable Depth in Reach,2,17.12693, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.99098, %
Acceptable Velocity in Reach,3,99.99655, %
Optimum Depth in Reach,3,5.37805, %
Acceptable Depth in Reach,3,53.04348, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,2.047909, %
Optimum Velocity in Reach,4,99.9923, %
Acceptable Velocity in Reach,4,99.99734, %
Optimum Depth in Reach,4,5.684481, %
Acceptable Depth in Reach,4,54.02034, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,2.375829, %
Optimum Velocity in Reach,5,99.99336, %
Acceptable Velocity in Reach,5,99.99841, %

Optimum Depth in Reach,5,7.787838, %
Acceptable Depth in Reach,5,60.38374, %
Optimum Depth & Velocity in Reach,5,3.873491E-02, %
Acceptable Depth & Velocity in Reach,5,7.656246, %
Optimum Velocity in Reach,6,99.99496, %
Acceptable Velocity in Reach,6,99.99841, %
Optimum Depth in Reach,6,9.086254, %
Acceptable Depth in Reach,6,63.55364, %
Optimum Depth & Velocity in Reach,6,2.225135, %
Acceptable Depth & Velocity in Reach,6,9.056274, %
Optimum Velocity in Reach,7,99.98276, %
Acceptable Velocity in Reach,7,99.99443, %
Optimum Depth in Reach,7,4.359269, %
Acceptable Depth in Reach,7,48.88663, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.98806, %
Acceptable Velocity in Reach,8,99.99576, %
Optimum Depth in Reach,8,5.332152, %
Acceptable Depth in Reach,8,53.00182, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0.7930044, %
Optimum Velocity in Reach,9,99.98222, %
Acceptable Velocity in Reach,9,99.9947, %
Optimum Depth in Reach,9,4.760149, %
Acceptable Depth in Reach,9,50.63422, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.98222, %
Acceptable Velocity in Reach,10,99.99522, %
Optimum Depth in Reach,10,4.616883, %
Acceptable Depth in Reach,10,49.83803, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.98987, %
Acceptable Velocity in Stream,99.99684, %
Optimum Depth in Stream,4.805914, %
Acceptable Depth in Stream,45.91984, %
Optimum Depth & Velocity in Stream,0.226387, %
Acceptable Depth & Velocity in Stream,2.198047, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.9862, %
Acceptable Velocity in Reach,1,99.99814, %
Optimum Depth in Reach,1,2.887608, %

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Acceptable Depth in Reach,1,9.59989, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0.4849823, %
Optimum Velocity in Reach,2,99.93713, %
Acceptable Velocity in Reach,2,99.99018, %
Optimum Depth in Reach,2,3.818042, %
Acceptable Depth in Reach,2,13.24601, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.86284, %
Acceptable Velocity in Reach,3,99.98355, %
Optimum Depth in Reach,3,7.941717, %
Acceptable Depth in Reach,3,36.64481, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,3.038037, %
Optimum Velocity in Reach,4,99.89281, %
Acceptable Velocity in Reach,4,99.98567, %
Optimum Depth in Reach,4,8.555108, %
Acceptable Depth in Reach,4,38.70095, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,3.603673, %
Optimum Velocity in Reach,5,99.94217, %
Acceptable Velocity in Reach,5,99.99204, %
Optimum Depth in Reach,5,10.30561, %
Acceptable Depth in Reach,5,46.04572, %
Optimum Depth & Velocity in Reach,5,0.216491, %
Acceptable Depth & Velocity in Reach,5,9.249683, %
Optimum Velocity in Reach,6,99.96179, %
Acceptable Velocity in Reach,6,99.99258, %
Optimum Depth in Reach,6,11.39576, %
Acceptable Depth in Reach,6,49.7786, %
Optimum Depth & Velocity in Reach,6,2.663157, %
Acceptable Depth & Velocity in Reach,6,10.83994, %
Optimum Velocity in Reach,7,99.69383, %
Acceptable Velocity in Reach,7,99.96391, %
Optimum Depth in Reach,7,8.434924, %
Acceptable Depth in Reach,7,36.07838, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.80181, %
Acceptable Velocity in Reach,8,99.97665, %
Optimum Depth in Reach,8,9.359786, %
Acceptable Depth in Reach,8,40.30367, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,1.318844, %
Optimum Velocity in Reach,9,99.72063, %
Acceptable Velocity in Reach,9,99.96896, %
```

```
Optimum Depth in Reach,9,9.136132, %
Acceptable Depth in Reach,9,38.89144, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,2.653076E-04, %
Optimum Velocity in Reach,10,99.72594, %
Acceptable Velocity in Reach,10,99.96922, %
Optimum Depth in Reach,10,9.265867, %
Acceptable Depth in Reach,10,39.21193, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.85252, %
Acceptable Velocity in Stream,99.98209, %
Optimum Depth in Stream,8.110055, %
Acceptable Depth in Stream,34.85014, %
Optimum Depth & Velocity in Stream,0.2879649, %
Acceptable Depth & Velocity in Stream,2.853542, %
```

Stream Health Run 2

Run Date,6/11/2002
Run Time,6:05:48 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\HighDensityNoRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Fantail Darter.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,7668,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,3.708155,Index,5
90-10 Range ,114.7706,Index,5
Number of Storms 3x Median,13026,Index,5
Number of High Flow Events,4146,Index,5
High Flow Duration (hrs) ,206352,Index,5
Number of Low Flow Events ,188,Index,5
Low Flow Duration (hrs) ,24336,Index,5
Overall Index,5
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,2.785737E-05,0,4.377587E-05,0,3.316353E-05,0,2.785737E-05,0,1.459196E-05,0,5.969436E-05,0,5.43882E-05,0,7.786799E-
04,0,1.489706E-03,
1,0.1000013,1,0.1000252,1,0.1000385,1,0.1000305,1,0.1000252,1,0.1000119,0.03,0.1000544,1,0.1000491,0.03,0.1007017,0.03,0.1013411,
1,0.1500013,1,0.1500226,1,0.1500358,1,0.1500279,1,0.1500226,1,0.1500119,1,0.1500517,1,0.1500464,1,0.1506619,1,0.1512668,
1,0.2000013,1,0.2000225,1,0.2000358,1,0.2000252,1,0.2000225,1,0.2000119,1,0.2000464,1,0.2000438,1,0.2006221,1,0.2011926,
1,0.2500013,1,0.2500199,1,0.2500332,1,0.2500252,1,0.2500199,1,0.2500093,1,0.2500438,1,0.2500411,1,0.2505823,1,0.2511183,
1,0.3000013,1,0.3000199,1,0.3000305,1,0.3000225,1,0.3000199,1,0.3000093,1,0.3000411,1,0.3000385,1,0.3005452,1,0.3010413,

1,0.3500013,1,0.3500172,1,0.3500279,1,0.3500199,1,0.3500172,1,0.3500093,1,0.3500385,1,0.3500358,1,0.3505054,1,0.350967,
1,0.4000013,1,0.4000172,1,0.4000252,1,0.4000199,1,0.4000172,1,0.4000093,1,0.4000358,1,0.4000332,1,0.4004656,1,0.4008928,
1,0.4500013,1,0.4500146,1,0.4500225,1,0.4500172,1,0.4500146,1,0.4500066,1,0.4500332,1,0.4500305,1,0.4504285,1,0.4508185,
1,0.4999987,1,0.5000146,1,0.5000199,1,0.5000146,1,0.5000146,1,0.5000066,1,0.5000305,1,0.5000252,1,0.5003887,1,0.5007442,
1,0.5499987,1,0.5500119,1,0.5500199,1,0.5500146,1,0.5500119,1,0.5500066,1,0.5500252,1,0.5500225,1,0.5503489,1,0.5506699,
1,0.5999987,1,0.6000093,1,0.6000172,1,0.6000119,1,0.6000093,1,0.600004,1,0.6000226,1,0.6000199,1,0.6003118,1,0.6005956,
1,0.6499987,1,0.6500093,1,0.6500146,1,0.650012,1,0.6500093,1,0.650004,1,0.6500199,1,0.6500173,1,0.650272,1,0.6505213,
1,0.6999987,1,0.7000066,1,0.700012,1,0.7000093,1,0.7000066,1,0.700004,1,0.7000173,1,0.7000146,1,0.7002321,1,0.700447,
1,0.7499987,1,0.7500066,1,0.7500093,1,0.7500066,1,0.7500066,1,0.750004,1,0.7500146,1,0.7500119,1,0.750195,1,0.7503701,
1,0.7999987,1,0.800004,1,0.8000066,1,0.8000066,1,0.800004,1,0.8000013,1,0.8000119,1,0.8000093,1,0.8001552,1,0.8002958,
1,0.8499987,1,0.850004,1,0.8500066,1,0.850004,1,0.850004,1,0.8500013,1,0.8500066,1,0.8500066,1,0.8501154,1,0.8502215,
1,0.8999987,1,0.9000013,1,0.900004,1,0.9000013,1,0.9000013,1,0.9000013,1,0.900004,1,0.900004,1,0.9000756,1,0.9001473,
1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500385,1,0.9500729,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9130014,0,0.8288854,0,0.4704805,0,0.4608392,0,0.397664,0,0.3663682,0,0.5118685,0,0.4709474,0,0.4944935,0,0.5024501,
0.97,0.9217009,0.97,0.8459978,0.06,0.5234333,0.04,0.5147551,0.03,0.4578969,0.03,0.4297318,0.04,0.5606827,0.03,0.5238525,0.03,0.5450427
,0.03,0.552206,
0.97,0.926052,0.98,0.8545514,0.97,0.5499085,0.98,0.5417131,0.98,0.4880147,0.03,0.4614122,0.98,0.5850884,0.98,0.5503064,0.99,0.5703186,
0.99,0.5770813,
0.97,0.9304004,0.98,0.8631076,0.97,0.5763836,0.98,0.568671,0.98,0.5181298,0.98,0.4930953,0.98,0.609494,0.99,0.5767577,0.99,0.5955946,0
.99,0.6019593,
0.97,0.9347514,0.98,0.8716637,0.98,0.6028587,0.98,0.595629,0.98,0.5482476,0.99,0.5247758,0.98,0.6338997,0.99,0.6032089,0.99,0.6208705,
0.99,0.6268373,
0.97,0.9390998,0.98,0.8802199,0.98,0.6293365,0.98,0.622587,0.99,0.5783654,0.99,0.5564563,0.99,0.6583081,0.99,0.6296628,0.99,0.6461464,
0.99,0.6517152,
0.97,0.9434509,0.98,0.8887761,0.98,0.6558116,0.98,0.649545,0.99,0.6084806,0.99,0.5881394,0.99,0.6827139,0.99,0.6561167,0.99,0.6714197,
0.99,0.6765932,
0.98,0.9477993,0.98,0.8973297,0.98,0.6822867,0.98,0.6765029,0.99,0.6385984,0.99,0.6198199,0.99,0.7071195,0.99,0.6825679,0.99,0.6966956
,0.99,0.7014685,
0.98,0.9521503,0.98,0.9058859,0.98,0.7087644,0.98,0.7034609,0.99,0.6687135,0.99,0.651503,0.99,0.7315279,0.99,0.7090192,0.99,0.7219715,
0.99,0.7263464,
0.98,0.9564987,0.98,0.9144421,0.98,0.7352396,0.98,0.7304189,0.99,0.6988313,0.99,0.6831834,0.99,0.7559336,0.99,0.735473,0.99,0.7472448,
0.99,0.7512244,
0.98,0.9608498,0.98,0.9229982,0.98,0.7617147,0.99,0.7573769,0.99,0.7289491,0.99,0.7148639,0.99,0.7803393,0.99,0.7619269,0.99,0.7725207
,0.99,0.7761024,
0.98,0.9652008,0.98,0.9315544,0.98,0.7881925,0.99,0.7843349,0.99,0.7590643,0.99,0.746547,0.99,0.8047477,0.99,0.7883782,0.99,0.7977966,
0.99,0.8009803,
0.98,0.9695492,0.98,0.940108,0.98,0.8146676,0.99,0.8112928,0.99,0.7891821,0.99,0.7782274,0.99,0.8291534,0.99,0.8148294,0.99,0.8230726,
0.99,0.8258556,
0.98,0.9739003,0.98,0.9486642,0.99,0.8411427,0.99,0.8382508,0.99,0.8192972,0.99,0.8099106,0.99,0.8535591,0.99,0.8412833,0.99,0.8483484
,0.99,0.8507336,

0.98,0.9782487,0.98,0.9572204,0.99,0.8676205,0.99,0.8652088,0.99,0.849415,0.99,0.8415911,0.99,0.8779675,0.99,0.8677372,0.99,0.8736217,
0.99,0.8756115,
0.98,0.9825997,0.99,0.9657766,0.99,0.8940955,0.99,0.8921668,0.99,0.8795328,0.99,0.8732715,0.99,0.9023732,0.99,0.8941884,0.99,0.8988976
,0.99,0.9004895,
0.99,0.9869481,0.99,0.9743327,0.99,0.9205707,0.99,0.9191247,0.99,0.9096479,0.99,0.9049546,0.99,0.9267789,0.99,0.9206396,0.99,0.9241736
,0.99,0.9253675,
0.99,0.9912992,0.99,0.9828863,0.99,0.9470458,0.99,0.9460827,0.99,0.9397658,0.99,0.9366351,0.99,0.9511846,0.99,0.9470935,0.99,0.9494469
,0.99,0.9502428,
0.99,0.9956476,0.99,0.9914425,0.99,0.9735236,0.99,0.9730407,0.99,0.9698809,0.99,0.9683182,0.99,0.975593,0.99,0.9735475,0.99,0.9747227,
1,0.9751207,
0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9523785,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7159013,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9571407,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7443104,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.02,0.9729611,0.02,0.9595206,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.7585151,0.01,0.7242505,0.01,0.7447005,
0.01,0.7517259,
0.02,0.9745529,0.02,0.961903,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.01,0.7727197,0.01,0.7404688,0.01,0.7597196,0.
01,0.7663311,
0.02,0.9761422,0.02,0.9642829,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.01,0.7869243,0.02,0.7566897,0.01,0.774736,
0.01,0.7809336,
0.02,0.977734,0.02,0.9666653,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.01,0.8011315,0.98,0.7729107,0.01,0.7897525,
0.01,0.7955388,
0.02,0.9793232,0.02,0.9690452,0.96,0.7861947,0.97,0.780135,0.98,0.74036,0.02,0.7203956,0.02,0.8153362,0.98,0.7891316,0.02,0.8047715,0.
02,0.8101441,
0.02,0.9809151,0.02,0.9714276,0.96,0.8026412,0.97,0.7970484,0.98,0.7603324,0.98,0.7419015,0.03,0.8295407,0.98,0.8053526,0.98,0.819788,
0.02,0.8247466,
0.03,0.9825042,0.02,0.9738075,0.97,0.8190876,0.97,0.8139592,0.98,0.7803048,0.98,0.76341,0.98,0.8437454,0.98,0.8215736,0.98,0.8348071,0
.98,0.8393518,
0.05,0.9840961,0.02,0.9761899,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.85795,0.98,0.8377945,0.98,0.8498236,0.
98,0.8539571,
0.96,0.9856853,0.02,0.9785697,0.97,0.8519805,0.97,0.847786,0.98,0.8202497,0.98,0.8064271,0.98,0.8721546,0.98,0.8540128,0.98,0.86484,0.
98,0.8685597,
0.96,0.9872745,0.02,0.9809495,0.97,0.868427,0.98,0.8646967,0.98,0.8402221,0.98,0.8279356,0.98,0.8863592,0.98,0.8702337,0.98,0.8798591,
0.98,0.8831649,
0.96,0.9888663,0.02,0.983332,0.97,0.8848734,0.98,0.8816102,0.98,0.8601944,0.98,0.8494415,0.98,0.9005638,0.98,0.8864547,0.98,0.8948756,
0.98,0.8977674,
0.96,0.9904555,0.02,0.9857118,0.97,0.9013199,0.98,0.8985236,0.98,0.8801669,0.99,0.87095,0.98,0.9147684,0.99,0.9026756,0.99,0.9098946,0
.99,0.9123726,
0.96,0.9920474,0.02,0.9880943,0.98,0.9177664,0.98,0.9154343,0.98,0.9001366,0.99,0.8924586,0.98,0.9289756,0.99,0.9188966,0.99,0.9249111
,0.99,0.9269779,

0.96,0.9936366,0.02,0.9904741,0.98,0.9342128,0.98,0.9323477,0.98,0.920109,0.99,0.9139671,0.98,0.9431803,0.99,0.9351175,0.99,0.9399276,
0.99,0.9415804,
0.96,0.9952284,0.04,0.9928566,0.98,0.9506593,0.98,0.9492611,0.98,0.9400815,0.99,0.9354757,0.99,0.9573849,0.99,0.9513358,0.99,0.9549467
,0.99,0.9561856,
0.98,0.9968176,0.04,0.9952364,0.98,0.9671057,0.98,0.9661745,0.98,0.9600539,0.99,0.9569816,0.99,0.9715894,0.99,0.9675568,0.99,0.9699631
,0.99,0.9707909,
0.98,0.9984095,0.97,0.9976189,0.98,0.9835522,0.98,0.9830853,0.99,0.9800262,0.99,0.9784901,0.99,0.9857941,0.99,0.9837777,0.99,0.9849823
,0.99,0.9853935,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.392869E-04,0,5.425555E-04,0,1.715218E-03,0,0.1631871,0,0.2125265,0,0.2308859,0,5.766476E-03,0,4.079115E-03,0,7.374244E-
03,0,8.249762E-03,
0.98,0.100126,0.02,0.1004868,0.03,0.1015428,0.03,0.246868,0.03,0.2912727,0.03,0.3077961,0.02,0.1051908,0.02,0.1036705,0.01,0.1066367,0
.01,0.1074247,
0.98,0.1501181,0.02,0.1504603,0.03,0.1514579,0.03,0.2887098,0.03,0.3306471,0.04,0.3462525,0.02,0.1549016,0.02,0.1534663,0.01,0.1562679
,0.01,0.1570134,
0.99,0.2001101,0.99,0.2004338,0.03,0.201373,0.03,0.3305489,0.04,0.3700215,0.98,0.384709,0.02,0.2046124,0.02,0.203262,0.01,0.2058991,0.
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,0.02,0.2561857,
0.99,0.3000968,0.99,0.3003807,0.98,0.3012005,0.98,0.4142298,0.99,0.4487676,0.99,0.4616192,0.02,0.3040367,0.99,0.3028561,0.02,0.3051616
,0.02,0.3057744,
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.99,0.4049493,
0.99,0.4500756,0.99,0.4502985,0.99,0.4509432,0.99,0.5397525,0.99,0.5668882,0.99,0.5769858,0.99,0.4531718,0.99,0.4522432,0.99,0.4540552
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,1,0.5041242,
0.99,0.5500624,0.99,0.5502428,0.99,0.5507707,0.99,0.6234334,0.99,0.645637,0.99,0.6538987,0.99,0.5525934,0.99,0.5518346,0.99,0.5533177,
1,0.553713,
0.99,0.6000544,0.99,0.6002162,0.99,0.6006858,0.99,0.6652751,0.99,0.6850088,0.99,0.6923525,0.99,0.6023068,0.99,0.6016303,1,0.6029489,1,
0.6032991,
0.99,0.6500491,0.99,0.6501897,0.99,0.6505983,0.99,0.7071142,0.99,0.7243832,0.99,0.7308089,0.99,0.6520177,0.99,0.651426,1,0.6525801,1,0
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4,
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8,
1,0.8000278,1,0.8001075,0.99,0.800341,0.99,0.8326369,0.99,0.8425037,0.99,0.8461756,1,0.8011528,1,0.8008158,1,0.8014738,1,0.8016489,

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1,0.900012,1,0.9000517,0.99,0.9001711,0.99,0.9163178,0.99,0.9212525,0.99,0.9230884,1,0.9005744,1,0.9004073,1,0.9007362,1,0.9008238,
1,0.9500066,1,0.9500252,0.99,0.9500836,0.99,0.9581569,0.99,0.9606243,0.99,0.9615422,1,0.9502879,1,0.9502029,1,0.9503675,1,0.9504126,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9322283,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7153707,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9390043,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7438329,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.04,0.9729611,0.02,0.9423949,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.758064,0.01,0.7242505,0.01,0.7447005,0
.01,0.7517259,
0.96,0.9745529,0.04,0.9457829,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.02,0.7722952,0.01,0.7404688,0.01,0.7597196,0
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0.02,0.7809336,
0.96,0.977734,0.97,0.9525589,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.98,0.8007601,0.98,0.7729107,0.98,0.7897525,
0.98,0.7955388,
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0.98,0.8247466,
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.98,0.8393518,
0.96,0.9840961,0.97,0.9661135,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.8576847,0.98,0.8377945,0.98,0.8498236,
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,0.99,0.9853935,

0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
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02,0,9.999868E-02,
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Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

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0.57,0.1000279,0.04,0.100455,0.13,0.4272724,0.04,0.6014234,0.01,0.6017656,0,9.999868E-02
1,0.1500252,0.16,0.1504285,0.24,0.4590908,0.05,0.623566,0.02,0.6238897,0,0.1499987
1,0.2000252,0.29,0.2004046,0.24,0.4909092,0.13,0.6457113,0.03,0.6460137,0,0.1999987
1,0.2500226,0.36,0.2503781,0.37,0.522725,0.13,0.6678539,0.13,0.6681378,0,0.2499987
1,0.3000199,0.56,0.3003542,0.52,0.5545434,0.23,0.6899965,0.14,0.6902618,0,0.2999987
1,0.3500199,0.66,0.3503277,0.76,0.5863618,0.23,0.7121392,0.23,0.7123859,0,0.3499987
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1,0.4500172,0.68,0.4502772,0.95,0.6499987,0.37,0.7564244,0.24,0.7566341,0,0.4499987
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1,0.7000093,0.99,0.7001499,0.95,0.8090908,0.82,0.8671402,0.82,0.8672543,0,0.6999987
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1,0.9000013,0.99,0.9000491,0.97,0.9363618,0.94,0.9557134,0.94,0.9557506,0,0.8999987
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1,0.9999987,1,0.9999987,0.99,0.9999987,0.95,0.9999987,0.95,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,2.25512E-05,0,1.843893E-04,0,3.276557E-04,0,1.870423E-04,0,1.286745E-04,0,9.418444E-05,0,5.796986E-04,0,3.966359E-04,0,4.917489E-
03,0,1.032712E-02,
1,0.1000199,1,0.1001658,0.07,0.1002958,0.06,0.1001685,1,0.1001154,1,0.1000836,0.03,0.1005213,0.03,0.1003568,0.03,0.1044267,0.02,0.1092
951,
1,0.1500199,1,0.1501579,1,0.1502772,1,0.1501579,1,0.1501101,1,0.1500809,1,0.1504921,1,0.1503383,1,0.1541799,1,0.1587777,
1,0.2000172,1,0.2001472,1,0.2002613,1,0.2001499,1,0.2001022,1,0.2000756,1,0.200463,1,0.200317,1,0.2039332,1,0.2082604,
1,0.2500173,1,0.2501366,1,0.2502454,1,0.2501393,1,0.2500968,1,0.2500703,1,0.2504338,1,0.2502958,1,0.2536865,1,0.2577457,
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1,0.3500146,1,0.3501207,1,0.3502136,1,0.3501207,1,0.3500836,1,0.3500597,1,0.3503754,1,0.3502587,1,0.3531956,1,0.356711,
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1,0.5500093,1,0.5500836,1,0.5501472,1,0.5500836,1,0.5500571,1,0.5500411,1,0.5502613,1,0.5501791,1,0.5522113,1,0.5546468,
1,0.6000093,1,0.600073,1,0.6001313,1,0.600073,1,0.6000518,1,0.6000358,1,0.6002321,1,0.6001579,1,0.6019673,1,0.6041296,
1,0.6500067,1,0.6500623,1,0.6501127,1,0.650065,1,0.6500438,1,0.6500332,1,0.650203,1,0.6501366,1,0.6517205,1,0.6536148,
1,0.7000066,1,0.7000544,1,0.7000968,1,0.7000544,1,0.7000385,1,0.7000279,1,0.7001738,1,0.7001181,1,0.7014738,1,0.7030975,
1,0.750004,1,0.7500464,1,0.7500809,1,0.7500464,1,0.7500305,1,0.7500225,1,0.7501446,1,0.7500995,1,0.7512297,1,0.7525801,
1,0.800004,1,0.8000358,1,0.800065,1,0.8000358,1,0.8000252,1,0.8000172,1,0.8001154,1,0.8000783,1,0.800983,1,0.8020654,
1,0.8500013,1,0.8500252,1,0.8500491,1,0.8500279,1,0.8500172,1,0.8500119,1,0.8500862,1,0.8500571,1,0.8507362,1,0.8515481,
1,0.9000013,1,0.9000173,1,0.9000305,1,0.9000173,1,0.900012,1,0.9000093,1,0.900057,1,0.9000385,1,0.9004895,1,0.9010307,
1,0.9499987,1,0.9500093,1,0.9500146,1,0.9500093,1,0.950004,1,0.950004,1,0.9500279,1,0.9500199,1,0.9502454,1,0.950516,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9058806,0,0.8707723,0,0.6412037,0,0.6210217,0,0.5488207,0,0.5121843,0,0.6461331,0,0.6047318,0,0.6183076,0,0.6149992,

0.02,0.9152911,0.02,0.8836955,0.03,0.677084,0.02,0.6589183,0.02,0.593939,0.01,0.5609665,0.02,0.6815199,0.02,0.6442574,0.01,0.6564775,0
.01,0.6534981,
0.04,0.9199976,0.03,0.8901557,0.04,0.6950241,0.03,0.6778693,0.03,0.6164982,0.02,0.5853563,0.02,0.6992134,0.02,0.6640229,0.02,0.6755611
,0.02,0.6727489,
0.04,0.9247042,0.04,0.8966187,0.05,0.7129616,0.04,0.6968176,0.03,0.6390573,0.03,0.6097461,0.03,0.7169068,0.03,0.6837857,0.02,0.6946447
,0.02,0.6919996,
0.05,0.9294108,0.04,0.9030789,0.97,0.7309018,0.98,0.715766,0.98,0.6616139,0.98,0.6341385,0.98,0.7346002,0.98,0.7035485,0.99,0.7137311,
0.99,0.7112477,
0.07,0.9341173,0.97,0.9095392,0.97,0.7488419,0.98,0.7347143,0.98,0.684173,0.98,0.6585283,0.98,0.7522936,0.98,0.7233113,0.99,0.7328147,
0.99,0.7304985,
0.97,0.9388213,0.98,0.9160021,0.97,0.7667821,0.98,0.7536626,0.98,0.7067322,0.99,0.6829181,0.98,0.769987,0.99,0.7430741,0.99,0.7518983,
0.99,0.7497493,
0.97,0.9435278,0.98,0.9224623,0.98,0.7847222,0.98,0.7726135,0.99,0.7292914,0.99,0.7073106,0.98,0.7876804,0.99,0.7628396,0.99,0.7709845
,0.99,0.7690001,
0.97,0.9482344,0.98,0.9289252,0.98,0.8026624,0.98,0.7915618,0.99,0.7518505,0.99,0.7317004,0.99,0.8053738,0.99,0.7826024,0.99,0.7900682
,0.99,0.7882482,
0.98,0.9529383,0.98,0.9353855,0.98,0.8206025,0.98,0.8105102,0.99,0.7744097,0.99,0.7560902,0.99,0.8230646,0.99,0.8023652,0.99,0.8091518
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99,0.8267497,
0.98,0.9623514,0.98,0.9483086,0.98,0.8564802,0.98,0.8484069,0.99,0.819528,0.99,0.8048724,0.99,0.8584514,0.99,0.8418909,0.99,0.8473217,
0.99,0.8459978,
0.98,0.967058,0.98,0.9547689,0.98,0.8744203,0.99,0.8673578,0.99,0.8420872,0.99,0.8292648,0.99,0.8761448,0.99,0.8616563,0.99,0.866408,0
.99,0.8652486,
0.98,0.9717646,0.98,0.9612318,0.98,0.8923604,0.99,0.8863061,0.99,0.8646463,0.99,0.8536546,0.99,0.8938382,0.99,0.8814191,0.99,0.8854916
,0.99,0.8844994,
0.98,0.9764685,0.98,0.9676921,0.98,0.9103006,0.99,0.9052544,0.99,0.8872055,0.99,0.8780444,0.99,0.9115316,0.99,0.9011819,0.99,0.9045752
,0.99,0.9037501,
0.98,0.9811751,0.99,0.9741523,0.99,0.9282407,0.99,0.9242027,0.99,0.909762,0.99,0.9024369,0.99,0.929225,0.99,0.9209448,0.99,0.9236615,0
.99,0.9229982,
0.99,0.9858816,0.99,0.9806153,0.99,0.9461783,0.99,0.9431511,0.99,0.9323212,0.99,0.9268267,0.99,0.9469184,0.99,0.9407076,0.99,0.9427451
,0.99,0.942249,
0.99,0.9905855,0.99,0.9870755,0.99,0.9641184,0.99,0.9621021,0.99,0.9548804,0.99,0.9512165,0.99,0.9646118,0.99,0.9604731,0.99,0.9618288
,0.99,0.9614998,
0.99,0.9952921,0.99,0.9935384,0.99,0.9820585,0.99,0.9810504,0.99,0.9774395,0.99,0.9756089,0.99,0.9823053,0.99,0.9802359,0.99,0.9809151
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0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9436604,0,0.9382482,0,0.8119906,0,0.7975393,0,0.7502454,0,0.7214144,0,0.804944,0,0.7810795,0,0.7873966,0,0.7834488,
0.02,0.949293,0.02,0.9444219,0.02,0.8307903,0.02,0.817785,0.01,0.7752215,0.01,0.7492718,0.01,0.8244495,0.01,0.8029701,0.01,0.8086557,0
.01,0.8051032,

0.02,0.9521105,0.02,0.9475101,0.02,0.8401929,0.02,0.8279091,0.01,0.7877096,0.01,0.7632031,0.01,0.8342022,0.01,0.8139167,0.01,0.8192866
,0.01,0.8159304,
0.02,0.9549281,0.02,0.9505983,0.02,0.8495927,0.02,0.8380306,0.01,0.800195,0.01,0.7771317,0.01,0.843955,0.01,0.8248634,0.01,0.8299175,0
.01,0.8267577,
0.02,0.9577457,0.02,0.9536865,0.02,0.8589926,0.02,0.8481548,0.01,0.812683,0.01,0.7910604,0.01,0.8537077,0.01,0.83581,0.01,0.8405484,0.
01,0.8375875,
0.02,0.9605632,0.02,0.9567747,0.02,0.8683925,0.02,0.8582763,0.02,0.8251711,0.01,0.8049891,0.01,0.8634604,0.01,0.8467566,0.01,0.8511766
,0.01,0.8484148,
0.02,0.9633782,0.02,0.9598602,0.02,0.8777924,0.02,0.8684005,0.02,0.8376592,0.01,0.8189178,0.01,0.8732132,0.01,0.8577006,0.01,0.8618075
,0.01,0.859242,
0.02,0.9661958,0.02,0.9629484,0.04,0.8871949,0.04,0.878522,0.03,0.8501472,0.02,0.8328491,0.01,0.8829659,0.02,0.8686472,0.01,0.8724384,
0.01,0.8700693,
0.02,0.9690133,0.02,0.9660366,0.96,0.8965948,0.97,0.8886461,0.98,0.8626353,0.98,0.8467779,0.01,0.8927186,0.98,0.8795938,0.01,0.8830667
,0.01,0.8808964,
0.02,0.9718282,0.02,0.9691221,0.96,0.9059947,0.97,0.8987677,0.98,0.8751234,0.98,0.8607065,0.03,0.9024714,0.98,0.8905378,0.02,0.8936976
,0.02,0.8917237,
0.02,0.9746458,0.02,0.9722103,0.97,0.9153945,0.97,0.9088918,0.98,0.8876088,0.98,0.8746352,0.03,0.9122241,0.98,0.9014844,0.98,0.9043285
,0.02,0.9025509,
0.02,0.9774634,0.02,0.9752985,0.97,0.9247944,0.97,0.9190159,0.98,0.9000968,0.98,0.8885639,0.98,0.9219768,0.98,0.912431,0.98,0.9149567,
0.98,0.9133782,
0.03,0.9802809,0.02,0.9783866,0.97,0.9341969,0.97,0.9291375,0.98,0.9125849,0.98,0.9024952,0.98,0.9317296,0.98,0.9233776,0.98,0.9255877
,0.98,0.9242054,
0.04,0.9830985,0.02,0.9814749,0.97,0.9435968,0.98,0.9392617,0.98,0.925073,0.98,0.9164239,0.98,0.9414823,0.98,0.9343243,0.98,0.9362186,
0.98,0.9350326,
0.05,0.9859135,0.02,0.9845604,0.97,0.9529967,0.98,0.9493831,0.98,0.937561,0.99,0.9303526,0.98,0.951235,0.98,0.9452682,0.98,0.9468468,0
.98,0.9458598,
0.96,0.988731,0.02,0.9876485,0.98,0.9623965,0.98,0.9595073,0.98,0.9500491,0.99,0.9442813,0.98,0.9609877,0.99,0.9562148,0.99,0.9574777,
0.99,0.9566898,
0.96,0.9915486,0.02,0.9907368,0.98,0.9717964,0.98,0.9696288,0.98,0.9625345,0.99,0.95821,0.98,0.9707405,0.99,0.9671615,0.99,0.9681086,0
.99,0.967517,
0.96,0.9943635,0.04,0.9938223,0.98,0.9811989,0.98,0.979753,0.98,0.9750226,0.99,0.9721413,0.99,0.9804932,0.99,0.9781054,0.99,0.9787395,
0.99,0.9783442,
0.98,0.9971811,0.04,0.9969105,0.98,0.9905988,0.98,0.9898745,0.99,0.9875106,0.99,0.98607,0.99,0.9902459,0.99,0.9890521,0.99,0.9893678,0
.99,0.9891714,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,2.739308E-03,0,5.249124E-03,0,7.169956E-03,0,0.251617,0,0.3389274,0,0.3587883,0,1.915658E-02,0,1.548207E-02,0,2.782686E-
02,0,3.385201E-02,
0.98,0.102466,0.02,0.1047238,0.03,0.1064536,0.03,0.3264552,0.02,0.4050342,0.02,0.4229107,0.01,0.1172411,0.02,0.1139327,0.01,0.1250438,
0.01,0.1304667,

0.99,0.1523281,0.99,0.1544612,0.04,0.1560955,0.03,0.3638743,0.03,0.438089,0.03,0.4549705,0.02,0.1662833,0.02,0.1631606,0.01,0.1736536,
0.01,0.178774,
0.99,0.2021901,0.99,0.2041985,0.98,0.2057346,0.03,0.4012934,0.04,0.4711411,0.04,0.4870304,0.02,0.2153255,0.99,0.2123859,0.02,0.2222607
,0.02,0.2270813,
0.99,0.2520548,0.99,0.2539358,0.98,0.2553765,0.98,0.4387124,0.98,0.5041959,0.98,0.5190902,0.99,0.2643678,0.99,0.2616112,0.99,0.2708705
,0.99,0.2753887,
0.99,0.3019168,0.99,0.3036732,0.98,0.3050183,0.98,0.4761315,0.99,0.537248,0.99,0.5511501,0.99,0.31341,0.99,0.3108365,0.99,0.3194776,0.
99,0.323696,
0.99,0.3517789,0.99,0.3534105,0.99,0.3546602,0.99,0.5135506,0.99,0.5703027,0.99,0.5832126,0.99,0.3624522,0.99,0.3600618,0.99,0.3680874
,0.99,0.3720033,
0.99,0.4016436,0.99,0.4031479,0.99,0.404302,0.99,0.5509697,0.99,0.6033548,0.99,0.6152725,0.99,0.4114945,0.99,0.4092898,0.99,0.4166945,
0.99,0.4203107,
0.99,0.4515056,0.99,0.4528852,0.99,0.4539438,0.99,0.5883888,0.99,0.6364096,0.99,0.6473323,0.99,0.4605367,0.99,0.4585151,0.99,0.4653043
,1,0.468618,
0.99,0.5013677,0.99,0.5026252,0.99,0.5035856,0.99,0.6258079,0.99,0.6694617,0.99,0.6793948,0.99,0.5095763,0.99,0.5077404,0.99,0.5139114
,1,0.5169253,
0.99,0.5512323,0.99,0.5523626,0.99,0.5532248,0.99,0.663227,0.99,0.7025164,0.99,0.7114547,0.99,0.5586185,0.99,0.5569656,0.99,0.5625212,
1,0.5652327,
0.99,0.6010944,0.99,0.6020999,0.99,0.6028666,0.99,0.700646,0.99,0.7355712,0.99,0.7435145,0.99,0.6076608,0.99,0.606191,1,0.611131,1,0.6
1354,
0.99,0.6509591,0.99,0.6518373,0.99,0.6525085,0.99,0.7380651,0.99,0.7686233,0.99,0.7755744,1,0.656703,0.99,0.6554189,1,0.6597381,1,0.66
18474,
1,0.7008211,1,0.7015746,0.99,0.7021503,0.99,0.7754842,0.99,0.8016781,0.99,0.8076342,1,0.7057453,1,0.7046442,1,0.7083479,1,0.7101547,
1,0.7506832,1,0.751312,0.99,0.7517921,0.99,0.8129033,0.99,0.8347302,0.99,0.8396968,1,0.7547875,1,0.7538695,1,0.756955,1,0.758462,
1,0.8005478,1,0.8010493,0.99,0.801434,0.99,0.8503224,0.99,0.8677849,0.99,0.8717566,1,0.8038297,1,0.8030948,1,0.8055648,1,0.8067693,
1,0.8504099,1,0.8507866,0.99,0.8510731,0.99,0.8877414,0.99,0.9008371,0.99,0.9038165,1,0.852872,1,0.8523201,1,0.854172,1,0.8550767,
1,0.900272,1,0.900524,0.99,0.900715,0.99,0.9251605,0.99,0.9338918,0.99,0.935879,1,0.9019142,1,0.9015481,1,0.9027818,1,0.903384,
1,0.9501367,1,0.9502614,1,0.9503568,1,0.9625796,0.99,0.9669439,0.99,0.9679388,1,0.9509565,1,0.9507734,1,0.9513889,1,0.9516913,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9436604,0,0.9262164,0,0.8119906,0,0.7975393,0,0.7502454,0,0.7214144,0,0.804225,0,0.7810795,0,0.7873966,0,0.7834488,
0.02,0.949293,0.02,0.9335946,0.02,0.8307903,0.02,0.817785,0.01,0.7752215,0.01,0.7492718,0.01,0.8238021,0.01,0.8029701,0.01,0.8086557,0
.01,0.8051032,
0.02,0.9521105,0.02,0.9372851,0.02,0.8401929,0.02,0.8279091,0.01,0.7877096,0.01,0.7632031,0.01,0.833592,0.01,0.8139167,0.01,0.8192866,
0.01,0.8159304,
0.02,0.9549281,0.02,0.9409729,0.02,0.8495927,0.02,0.8380306,0.01,0.800195,0.01,0.7771317,0.01,0.8433793,0.01,0.8248634,0.01,0.8299175,
0.01,0.8267577,
0.02,0.9577457,0.02,0.9446607,0.02,0.8589926,0.02,0.8481548,0.01,0.812683,0.01,0.7910604,0.01,0.8531691,0.01,0.83581,0.01,0.8405484,0.
01,0.8375875,
0.02,0.9605632,0.02,0.9483511,0.02,0.8683925,0.02,0.8582763,0.02,0.8251711,0.01,0.8049891,0.01,0.8629563,0.01,0.8467566,0.01,0.8511766
,0.01,0.8484148,

0.02,0.9633782,0.02,0.9520416,0.02,0.8777924,0.02,0.8684005,0.02,0.8376592,0.01,0.8189178,0.02,0.8727462,0.01,0.8577006,0.01,0.8618075
,0.01,0.859242,
0.02,0.9661958,0.02,0.9557293,0.04,0.8871949,0.04,0.878522,0.03,0.8501472,0.02,0.8328491,0.03,0.8825334,0.02,0.8686472,0.02,0.8724384,
0.02,0.8700693,
0.03,0.9690133,0.04,0.9594171,0.96,0.8965948,0.97,0.8886461,0.98,0.8626353,0.98,0.8467779,0.98,0.8923233,0.98,0.8795938,0.02,0.8830667
,0.02,0.8808964,
0.05,0.9718282,0.96,0.9631075,0.96,0.9059947,0.97,0.8987677,0.98,0.8751234,0.98,0.8607065,0.98,0.9021105,0.98,0.8905378,0.98,0.8936976
,0.98,0.8917237,
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0.98,0.9025509,
0.96,0.9774634,0.97,0.9704858,0.97,0.9247944,0.97,0.9190159,0.98,0.9000968,0.98,0.8885639,0.98,0.9216903,0.98,0.912431,0.98,0.9149567,
0.98,0.9133782,
0.96,0.9802809,0.97,0.9741735,0.97,0.9341969,0.97,0.9291375,0.98,0.9125849,0.98,0.9024952,0.98,0.9314775,0.98,0.9233776,0.98,0.9255877
,0.98,0.9242054,
0.96,0.9830985,0.97,0.977864,0.97,0.9435968,0.98,0.9392617,0.98,0.925073,0.98,0.9164239,0.98,0.9412674,0.98,0.9343243,0.99,0.9362186,0
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0.97,0.9859135,0.98,0.9815544,0.97,0.9529967,0.98,0.9493831,0.98,0.937561,0.99,0.9303526,0.98,0.9510546,0.98,0.9452682,0.99,0.9468468,
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0.97,0.988731,0.98,0.9852422,0.98,0.9623965,0.98,0.9595073,0.98,0.9500491,0.99,0.9442813,0.98,0.9608445,0.99,0.9562148,0.99,0.9574777,
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9,0.967517,
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0.99,0.9783442,
0.98,0.9971811,0.98,0.9963109,0.98,0.9905988,0.98,0.9898745,0.99,0.9875106,0.99,0.98607,0.99,0.9902088,0.99,0.9890521,0.99,0.9893678,0
.99,0.9891714,
0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,1.472461E-04,0,3.150536E-03,0,0.4933951,0,0.68867,0,0.6906678,0,0
0.3,0.1001313,0.04,0.1028348,0.05,0.5440558,0.02,0.7198039,0.01,0.7216001,0,9.999868E-02
0.69,0.150126,0.22,0.1526783,0.09,0.5693848,0.03,0.7353696,0.01,0.7370675,0,0.1499987
1,0.2001181,0.42,0.2025191,0.13,0.5947164,0.04,0.7509352,0.02,0.752535,0,0.1999987
1,0.2501101,0.66,0.2523626,0.24,0.6200454,0.05,0.7665008,0.03,0.7679998,0,0.2499987
1,0.3001021,0.66,0.302206,0.24,0.645377,0.13,0.7820691,0.08,0.7834673,0,0.2999987
1,0.3500942,0.67,0.3520468,0.24,0.670706,0.13,0.7976348,0.13,0.7989348,0,0.3499987
1,0.4000889,0.67,0.4018903,0.45,0.6960377,0.21,0.8132004,0.13,0.8143996,0,0.3999987
1,0.4500809,0.69,0.4517311,0.55,0.7213666,0.23,0.8287687,0.23,0.8298671,0,0.4499987
1,0.500073,0.74,0.5015746,0.75,0.7466983,0.23,0.8443344,0.23,0.8453345,0,0.4999987
1,0.550065,0.76,0.5514181,0.84,0.7720272,0.29,0.8599,0.23,0.8607994,0,0.5499987
1,0.6000571,0.86,0.6012589,0.94,0.7973562,0.42,0.8754683,0.29,0.8762668,0,0.5999987
1,0.6500517,0.99,0.6511024,0.95,0.8226879,0.5,0.8910339,0.41,0.8917317,0,0.6499987
1,0.7000438,0.99,0.7009432,0.95,0.8480168,0.66,0.9065995,0.5,0.9071991,0,0.6999987
1,0.7500358,0.99,0.7507867,0.95,0.8733485,0.72,0.9221678,0.66,0.9226666,0,0.7499987
1,0.8000278,0.99,0.8006301,0.95,0.8986774,0.82,0.9377335,0.82,0.9381315,0,0.7999987
1,0.8500199,0.99,0.8504709,0.95,0.9240091,0.94,0.9532991,0.94,0.9535989,0,0.8499987
1,0.9000146,0.99,0.9003144,0.95,0.9493381,0.94,0.9688647,0.94,0.9690664,0,0.8999987
1,0.9500066,0.99,0.9501552,0.96,0.9746697,0.95,0.9844331,0.95,0.9845312,0,0.9499987
1,0.9999987,0.99,0.9999987,0.99,0.9999987,0.96,0.9999987,0.96,0.9999987,0,0.9999987

Time %
Basefile
Percent of time that the following are available:
Optimum Velocity in Reach,1,99.98567, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,3.180773, %
Acceptable Depth in Reach,1,8.699701, %
Optimum Depth & Velocity in Reach,1,1.566641, %
Acceptable Depth & Velocity in Reach,1,3.180773, %
Optimum Velocity in Reach,2,99.94535, %
Acceptable Velocity in Reach,2,99.99682, %

Optimum Depth in Reach,2,6.777017, %
Acceptable Depth in Reach,2,17.11128, %
Optimum Depth & Velocity in Reach,2,1.308232, %
Acceptable Depth & Velocity in Reach,2,4.762006, %
Optimum Velocity in Reach,3,99.82808, %
Acceptable Velocity in Reach,3,99.99522, %
Optimum Depth in Reach,3,32.89283, %
Acceptable Depth in Reach,3,52.95168, %
Optimum Depth & Velocity in Reach,3,32.02581, %
Acceptable Depth & Velocity in Reach,3,32.89283, %
Optimum Velocity in Reach,4,83.68093, %
Acceptable Velocity in Reach,4,99.99628, %
Optimum Depth in Reach,4,33.82513, %
Acceptable Depth in Reach,4,53.91581, %
Optimum Depth & Velocity in Reach,4,33.26161, %
Acceptable Depth & Velocity in Reach,4,33.82513, %
Optimum Velocity in Reach,5,78.747, %
Acceptable Velocity in Reach,5,99.99682, %
Optimum Depth in Reach,5,39.94418, %
Acceptable Depth in Reach,5,60.23331, %
Optimum Depth & Velocity in Reach,5,39.94418, %
Acceptable Depth & Velocity in Reach,5,39.94418, %
Optimum Velocity in Reach,6,76.91107, %
Acceptable Velocity in Reach,6,99.99814, %
Optimum Depth in Reach,6,43.01591, %
Acceptable Depth in Reach,6,63.36288, %
Optimum Depth & Velocity in Reach,6,43.01591, %
Acceptable Depth & Velocity in Reach,6,43.01591, %
Optimum Velocity in Reach,7,99.6551, %
Acceptable Velocity in Reach,7,99.99364, %
Optimum Depth in Reach,7,28.46273, %
Acceptable Depth in Reach,7,48.81288, %
Optimum Depth & Velocity in Reach,7,7.486979, %
Acceptable Depth & Velocity in Reach,7,28.40967, %
Optimum Velocity in Reach,8,99.72169, %
Acceptable Velocity in Reach,8,99.99416, %
Optimum Depth in Reach,8,32.44101, %
Acceptable Depth in Reach,8,52.90499, %
Optimum Depth & Velocity in Reach,8,25.42788, %
Acceptable Depth & Velocity in Reach,8,32.44101, %
Optimum Velocity in Reach,9,99.6429, %
Acceptable Velocity in Reach,9,99.9931, %
Optimum Depth in Reach,9,30.03494, %
Acceptable Depth in Reach,9,50.55038, %
Optimum Depth & Velocity in Reach,9,10.50804, %
Acceptable Depth & Velocity in Reach,9,30.03494, %
Optimum Velocity in Reach,10,99.63653, %

Acceptable Velocity in Reach,10,99.9931, %
Optimum Depth in Reach,10,29.20851, %
Acceptable Depth in Reach,10,49.75472, %
Optimum Depth & Velocity in Reach,10,9.093152, %
Acceptable Depth & Velocity in Reach,10,29.20851, %
Optimum Velocity in Stream,93.77544, %
Acceptable Velocity in Stream,99.99567, %
Optimum Depth in Stream,27.9783, %
Acceptable Depth in Stream,45.82976, %
Optimum Depth & Velocity in Stream,20.36384, %
Acceptable Depth & Velocity in Stream,27.7715, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.72567, %
Acceptable Velocity in Reach,1,99.99734, %
Optimum Depth in Reach,1,5.633806, %
Acceptable Depth in Reach,1,9.411786, %
Optimum Depth & Velocity in Reach,1,3.21314, %
Acceptable Depth & Velocity in Reach,1,5.633806, %
Optimum Velocity in Reach,2,99.47469, %
Acceptable Velocity in Reach,2,99.98116, %
Optimum Depth in Reach,2,7.378204, %
Acceptable Depth in Reach,2,12.9226, %
Optimum Depth & Velocity in Reach,2,1.584152, %
Acceptable Depth & Velocity in Reach,2,6.175034, %
Optimum Velocity in Reach,3,99.28261, %
Acceptable Velocity in Reach,3,99.96684, %
Optimum Depth in Reach,3,18.80076, %
Acceptable Depth in Reach,3,35.8794, %
Optimum Depth & Velocity in Reach,3,17.90481, %
Acceptable Depth & Velocity in Reach,3,18.80076, %
Optimum Velocity in Reach,4,74.83797, %
Acceptable Velocity in Reach,4,99.9809, %
Optimum Depth in Reach,4,20.24589, %
Acceptable Depth in Reach,4,37.89759, %
Optimum Depth & Velocity in Reach,4,19.62162, %
Acceptable Depth & Velocity in Reach,4,20.24589, %
Optimum Velocity in Reach,5,66.10696, %
Acceptable Velocity in Reach,5,99.98673, %
Optimum Depth in Reach,5,24.97526, %
Acceptable Depth in Reach,5,45.11768, %
Optimum Depth & Velocity in Reach,5,24.97526, %
Acceptable Depth & Velocity in Reach,5,24.97526, %
Optimum Velocity in Reach,6,64.12086, %
Acceptable Velocity in Reach,6,99.99018, %

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Optimum Depth in Reach,6,27.85836, %
Acceptable Depth in Reach,6,48.78131, %
Optimum Depth & Velocity in Reach,6,27.85836, %
Acceptable Depth & Velocity in Reach,6,27.85836, %
Optimum Velocity in Reach,7,98.85891, %
Acceptable Velocity in Reach,7,99.94164, %
Optimum Depth in Reach,7,19.57731, %
Acceptable Depth in Reach,7,35.38646, %
Optimum Depth & Velocity in Reach,7,4.904476, %
Acceptable Depth & Velocity in Reach,7,19.50541, %
Optimum Velocity in Reach,8,98.97591, %
Acceptable Velocity in Reach,8,99.95994, %
Optimum Depth in Reach,8,21.89186, %
Acceptable Depth in Reach,8,39.52658, %
Optimum Depth & Velocity in Reach,8,16.03731, %
Acceptable Depth & Velocity in Reach,8,21.89186, %
Optimum Velocity in Reach,9,98.81036, %
Acceptable Velocity in Reach,9,99.94853, %
Optimum Depth in Reach,9,21.26016, %
Acceptable Depth in Reach,9,38.16901, %
Optimum Depth & Velocity in Reach,9,7.089284, %
Acceptable Depth & Velocity in Reach,9,21.26016, %
Optimum Velocity in Reach,10,98.78914, %
Acceptable Velocity in Reach,10,99.95119, %
Optimum Depth in Reach,10,21.65494, %
Acceptable Depth in Reach,10,38.49984, %
Optimum Depth & Velocity in Reach,10,6.376403, %
Acceptable Depth & Velocity in Reach,10,21.65494, %
Optimum Velocity in Stream,89.89831, %
Acceptable Velocity in Stream,99.97044, %
Optimum Depth in Stream,18.92765, %
Acceptable Depth in Stream,34.15923, %
Optimum Depth & Velocity in Stream,12.95648, %
Acceptable Depth & Velocity in Stream,18.80015, %
```

Stream Health Run 3

Run Date,6/11/2002
Run Time,6:11:09 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\HighDensityNoRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Small Mouth Bass.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,7668,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,3.708155,Index,5
90-10 Range ,114.7706,Index,5
Number of Storms 3x Median,13026,Index,5
Number of High Flow Events,4146,Index,5
High Flow Duration (hrs) ,206352,Index,5
Number of Low Flow Events ,188,Index,5
Low Flow Duration (hrs) ,24336,Index,5
Overall Index,5
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,3.051045E-05,0,6.500053E-05,0,1.286745E-04,0,1.101029E-04,0,7.03067E-05,0,7.561286E-05,0,8.432824E-03,0,6.201581E-03,0,9.81508E-
03,0,1.078346E-02,
1,0.1000279,0.02,0.100057,0.03,0.1001154,0.03,0.1000995,0.03,0.1000623,0.03,0.1000677,0.01,0.1075891,0.02,0.1055808,0.01,0.1088334,0.0
1,0.1097037,
1,0.1500252,0.03,0.1500544,0.04,0.1501101,0.03,0.1500942,0.04,0.1500597,0.04,0.150065,0.02,0.1571673,0.02,0.1552704,0.01,0.1583426,0.0
1,0.1591651,

1,0.2000252,0.03,0.2000517,0.04,0.2001022,0.04,0.2000889,0.04,0.200057,1,0.2000597,0.02,0.2067455,0.02,0.2049599,0.02,0.2078518,0.01,0
.2086265,
1,0.2500226,1,0.2500491,0.04,0.2500968,0.04,0.2500836,1,0.2500517,1,0.250057,0.02,0.2563236,0.02,0.2546522,0.02,0.257361,0.02,0.258087
9,
1,0.3000199,1,0.3000464,1,0.3000889,1,0.3000756,1,0.3000491,1,0.3000517,0.02,0.3059018,0.03,0.3043418,0.02,0.3068702,0.02,0.3075494,
1,0.3500199,1,0.3500411,1,0.3500836,1,0.3500703,1,0.3500464,1,0.3500491,0.02,0.35548,1,0.3540314,1,0.3563793,1,0.3570081,
1,0.4000172,1,0.4000385,1,0.4000756,1,0.400065,1,0.4000411,1,0.4000438,1,0.4050581,1,0.4037209,1,0.4058885,1,0.4064696,
1,0.4500172,1,0.4500358,1,0.4500703,1,0.4500597,1,0.4500385,1,0.4500411,1,0.4546363,1,0.4534105,1,0.4553977,1,0.455931,
1,0.5000146,1,0.5000305,1,0.5000623,1,0.5000544,1,0.5000358,1,0.5000358,1,0.5042171,1,0.5031002,1,0.5049069,1,0.5053898,
1,0.5500119,1,0.5500278,1,0.5500571,1,0.5500491,1,0.5500305,1,0.5500332,1,0.5537952,1,0.5527897,1,0.5544161,1,0.5548512,
1,0.6000119,1,0.6000252,1,0.6000518,1,0.6000438,1,0.6000279,1,0.6000305,1,0.6033734,1,0.6024793,1,0.6039252,1,0.6043126,
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1,0.7000093,1,0.7000199,1,0.7000385,1,0.7000332,1,0.7000199,1,0.7000226,1,0.7025297,1,0.7018585,1,0.7029436,1,0.7032354,
1,0.7500066,1,0.7500146,1,0.7500305,1,0.7500252,1,0.7500172,1,0.7500172,1,0.7521079,1,0.7515481,1,0.7524528,1,0.7526942,
1,0.800004,1,0.8000119,1,0.8000252,1,0.8000199,1,0.8000119,1,0.8000146,1,0.801686,1,0.8012403,1,0.801962,1,0.8021556,
1,0.850004,1,0.8500093,1,0.8500172,1,0.8500146,1,0.8500093,1,0.8500093,1,0.8512642,1,0.8509299,1,0.8514711,1,0.851617,
1,0.9000013,1,0.900004,1,0.900012,1,0.9000093,1,0.9000067,1,0.9000067,1,0.9008424,1,0.9006195,1,0.9009803,1,0.9010758,
1,0.9500013,1,0.9500013,1,0.950004,1,0.950004,1,0.9500013,1,0.9500013,1,0.9504205,1,0.9503091,1,0.9504895,1,0.9505373,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9763093,0,0.9479266,0,0.7212817,0,0.7122851,0,0.6478152,0,0.6141528,0,0.763142,0,0.7255983,0,0.7481681,0,0.7556843,
0.96,0.9786785,0.96,0.9531346,0.96,0.7491524,0.97,0.7410578,0.97,0.6830348,0.98,0.6527367,0.97,0.7868288,0.98,0.7530391,0.98,0.7733511
,0.98,0.7801165,
0.96,0.9798618,0.96,0.9557373,0.96,0.763089,0.97,0.7554428,0.97,0.7006434,0.98,0.6720299,0.98,0.7986695,0.98,0.7667582,0.98,0.7859426,
0.98,0.7923313,
0.96,0.9810477,0.96,0.95834,0.96,0.7770256,0.97,0.7698278,0.98,0.7182519,0.98,0.6913231,0.98,0.8105128,0.98,0.7804773,0.98,0.7985342,0
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.99,0.8534105,
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0.99,0.8656253,
0.97,0.9881553,0.97,0.9739613,0.97,0.8606402,0.98,0.8561432,0.98,0.8239083,0.99,0.8070771,0.98,0.8815703,0.98,0.8627971,0.99,0.8740833
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0.99,0.9022723,
0.97,0.9917078,0.98,0.9817746,0.98,0.9024475,0.98,0.8992983,0.98,0.8767338,0.99,0.8649514,0.98,0.9170978,0.99,0.9039598,0.99,0.911858,
0.99,0.9144898,
0.97,0.9928911,0.98,0.9843773,0.98,0.9163841,0.98,0.9136833,0.98,0.8943423,0.99,0.8842447,0.98,0.9289411,0.99,0.9176788,0.99,0.9244495
,0.99,0.9267046,
0.97,0.994077,0.98,0.98698,0.98,0.9303181,0.98,0.928071,0.99,0.9119534,0.99,0.9035379,0.99,0.9407845,0.99,0.9313979,0.99,0.937041,0.99
,0.9389194,
0.97,0.9952602,0.98,0.9895853,0.98,0.9442548,0.98,0.9424559,0.99,0.929562,0.99,0.9228284,0.99,0.9526279,0.99,0.9451197,0.99,0.9496325,
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0.98,0.9964462,0.98,0.992188,0.98,0.9581914,0.99,0.956841,0.99,0.9471705,0.99,0.9421217,0.99,0.9644712,0.99,0.9588388,0.99,0.9622241,0
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Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
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Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,7.574552E-04,0,7.910167E-03,0,8.82548E-03,0,1.528839E-02,0,1.081529E-02,0,1.045447E-02,0,5.047092E-02,0,3.810756E-02,0,8.229996E-02,0,0.1486748,
0.02,0.1006805,0.01,0.1071195,0.01,0.107942,0.01,0.1137602,0.01,0.1097328,0.01,0.1094092,0.01,0.1454248,0.01,0.1342977,0.01,0.1740701,0.01,0.2338069,
0.02,0.1506434,0.01,0.1567242,0.02,0.1575016,0.01,0.1629961,0.01,0.1591916,0.01,0.1588865,0.01,0.192899,0.01,0.1823902,0.01,0.2199552,0.01,0.276373,
0.02,0.2006062,0.01,0.2063289,0.02,0.2070612,0.02,0.2122294,0.02,0.208653,0.02,0.2083638,0.01,0.2403759,0.01,0.2304852,0.01,0.2658402,0.01,0.318939,
0.03,0.2505664,0.01,0.255931,0.02,0.2566181,0.02,0.2614653,0.02,0.2581118,0.02,0.2578412,0.01,0.2878529,0.01,0.2785803,0.01,0.3117253,0.01,0.3615051,
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1,0.3504921,0.02,0.3551404,0.02,0.3557373,0.02,0.3599371,0.02,0.3570293,0.02,0.3567959,0.01,0.3828067,0.01,0.3747705,0.01,0.4034954,0.01,0.4466372,
1,0.400455,0.02,0.404745,0.02,0.4052942,0.02,0.409173,0.02,0.4064881,0.02,0.4062732,0.01,0.430281,0.01,0.4228629,0.01,0.4493805,0.01,0.4892033,
1,0.4504152,0.02,0.4543497,0.02,0.4548538,0.02,0.458409,0.02,0.4559469,0.02,0.4557506,0.01,0.4777579,0.01,0.470958,0.01,0.4952656,0.01,0.5317693,
1,0.5003781,1,0.5039544,0.02,0.5044134,0.02,0.5076448,1,0.5054057,1,0.5052252,0.01,0.5252348,0.01,0.5190531,0.01,0.541148,0.01,0.5743381,
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1,0.7002268,1,0.7023732,1,0.7026464,1,0.7045859,1,0.7032434,1,0.7031346,1,0.7151398,1,0.7114308,1,0.7246883,1,0.7446023,
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Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9996352,0,0.9993062,0,0.9951568,0,0.9947084,0,0.9921933,0,0.9905537,0,0.9959686,0,0.9948543,0,0.9955044,0,0.9956291,
0.19,0.9996724,0.88,0.9993752,0.88,0.9956423,0.89,0.9952364,0.91,0.9929733,0.93,0.9914982,0.92,0.9963719,0.92,0.995369,0.93,0.9959527,0.94,0.9960668,
0.86,0.9996909,0.88,0.9994097,0.88,0.9958838,0.89,0.9955017,0.92,0.9933633,0.93,0.9919704,0.92,0.9965736,0.93,0.9956264,0.93,0.9961782,0.94,0.9962844,
0.86,0.9997068,0.88,0.9994442,0.88,0.9961252,0.89,0.995767,0.92,0.9937533,0.93,0.9924427,0.92,0.9967752,0.93,0.9958838,0.93,0.9964038,0.94,0.9965019,

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.94,0.9967221,
0.87,0.999744,0.89,0.9995131,0.88,0.996608,0.9,0.996295,0.92,0.994536,0.93,0.9933872,0.92,0.9971784,0.93,0.9963984,0.93,0.9968521,0.94
,0.9969397,
0.87,0.9997625,0.89,0.9995477,0.89,0.9968521,0.9,0.9965603,0.92,0.994926,0.93,0.9938594,0.92,0.9973801,0.93,0.9966558,0.94,0.9970776,0
.94,0.9971572,
0.88,0.9997811,0.91,0.9995821,0.89,0.9970936,0.9,0.9968256,0.92,0.995316,0.93,0.9943317,0.92,0.9975817,0.93,0.9969131,0.94,0.9973031,0
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95,0.9978125,
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96,0.9980327,
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0.91,0.9998713,0.93,0.9997572,0.92,0.9983034,0.93,0.9981468,0.95,0.997266,0.95,0.996693,0.95,0.9985873,0.95,0.9981973,0.95,0.9984254,0
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0.91,0.9998899,0.93,0.9997917,0.92,0.9985448,0.93,0.9984121,0.95,0.997656,0.95,0.9971652,0.95,0.9987889,0.95,0.9984546,0.96,0.9986509,
0.96,0.998688,
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,0.98,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

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0.04,0.100126,0.01,0.11029,0.23,0.6518266,0.12,0.9912753,0,9.999868E-02,0,9.999868E-02
0.04,0.1501181,0.01,0.1597196,0.23,0.6711703,0.12,0.9917608,0,0.1499987,0,0.1499987
0.17,0.2001101,0.01,0.2091465,0.23,0.6905139,0.22,0.9922464,0,0.1999987,0,0.1999987
0.29,0.2501048,0.01,0.2585734,0.27,0.7098575,0.22,0.9927292,0,0.2499987,0,0.2499987
0.42,0.3000968,0.03,0.308003,0.51,0.7291985,0.22,0.9932147,0,0.2999987,0,0.2999987
0.57,0.3500889,0.03,0.3574326,0.66,0.7485421,0.22,0.9937003,0,0.3499987,0,0.3499987
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1,0.4500756,0.03,0.4562865,0.94,0.7872267,0.36,0.9946686,0,0.4499987,0,0.4499987
1,0.5000677,0.29,0.5057161,0.94,0.8065704,0.46,0.9951541,0,0.4999987,0,0.4999987
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1,0.8500199,1,0.8517126,0.95,0.9419705,0.91,0.9985448,0,0.8499987,0,0.8499987
1,0.900012,1,0.9011422,0.97,0.9613141,0.91,0.9990303,0,0.8999987,0,0.8999987
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Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.843893E-04,0,9.007216E-04,0,2.630532E-03,0,2.184814E-03,0,1.017457E-03,0,7.388836E-04,0,2.487133E-02,0,2.114905E-02,0,3.357874E-02,0,4.004961E-02,
1,0.1001658,0.02,0.1008105,0.03,0.1023679,0.03,0.1019673,0.03,0.1009166,0.03,0.1006646,0.01,0.1223854,0.02,0.1190345,0.01,0.1302199,0.01,0.1360435,
1,0.1501579,0.03,0.1507654,0.04,0.1522352,0.03,0.1518558,0.04,0.1508636,0.04,0.1506274,0.02,0.1711411,0.02,0.167976,0.02,0.1785405,0.01,0.184043,
1,0.2001472,1,0.2007203,1,0.2021052,0.04,0.2017471,1,0.2008132,1,0.2005903,0.02,0.2198968,0.02,0.21692,0.02,0.2268638,0.02,0.23204,
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1,0.6500623,1,0.6503144,1,0.6509193,1,0.6507627,1,0.6503542,1,0.6502587,1,0.6587034,1,0.6574008,1,0.6617518,1,0.6640176,
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Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9425806,0,0.9237544,0,0.8125212,0,0.7981575,0,0.7531717,0,0.726235,0,0.8050316,0,0.7819099,0,0.7881394,0,0.7850485,
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Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

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0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,
0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,5.100552E-03,0,0.0227807,0,1.816699E-02,0,2.575745E-02,0,2.318131E-02,0,2.571235E-02,0,7.786666E-02,0,6.838984E-
02,0,0.1053473,0,0.1489825,
0.02,0.1045912,0.01,0.1205017,0.02,0.1163496,0.01,0.1231813,0.01,0.1208625,0.01,0.1231415,0.01,0.1700799,0.01,0.1615502,0.01,0.1948119
,0.01,0.2340855,
0.02,0.1543365,0.01,0.1693635,0.02,0.1654423,0.02,0.1718946,0.02,0.1697031,0.02,0.1718548,0.01,0.2161878,0.01,0.2081304,0.01,0.2395455
,0.01,0.2766356,
1,0.2040791,0.02,0.2182254,0.02,0.2145323,0.02,0.2206052,0.02,0.2185437,0.02,0.2205707,0.01,0.2622931,0.01,0.2547106,0.01,0.2842765,0.
01,0.3191858,
1,0.2538244,0.02,0.2670845,0.02,0.2636249,0.02,0.2693184,0.02,0.267387,0.02,0.2692839,0.01,0.3083983,0.01,0.3012934,0.01,0.3290101,0.0
1,0.3617359,
1,0.3035697,0.02,0.3159463,0.02,0.3127176,0.02,0.318029,0.02,0.3162276,0.02,0.3179972,0.01,0.3545063,0.01,0.3478736,0.01,0.3737438,0.0
1,0.4042861,
1,0.353315,1,0.3648082,0.02,0.3618076,0.02,0.3667423,1,0.3650682,1,0.3667131,0.01,0.4006142,0.01,0.3944537,0.01,0.4184747,0.01,0.44683
89,
1,0.4030603,1,0.4136674,0.03,0.4109002,0.02,0.4154529,1,0.4139088,1,0.4154263,0.01,0.4467195,0.01,0.4410339,0.01,0.4632084,0.01,0.4893
89,
1,0.4528056,1,0.4625292,1,0.4599902,1,0.4641661,1,0.4627494,1,0.4641423,0.01,0.4928247,0.02,0.4876141,0.01,0.5079393,0.01,0.5319391,
1,0.502551,1,0.511391,1,0.5090829,1,0.5128767,1,0.51159,1,0.5128555,0.01,0.5389327,1,0.5341942,1,0.552673,1,0.5744919,
1,0.5522936,1,0.5602502,1,0.5581755,1,0.56159,1,0.5604306,1,0.5615688,1,0.5850406,1,0.5807744,1,0.5974066,1,0.6170421,
1,0.6020389,1,0.609112,1,0.6072655,1,0.6103032,1,0.6092712,1,0.6102847,1,0.6311459,1,0.6273546,1,0.6421376,1,0.6595922,
1,0.6517842,1,0.6579712,1,0.6563581,1,0.6590139,1,0.6581118,1,0.658998,1,0.6772512,1,0.6739348,1,0.6868712,1,0.7021424,
1,0.7015295,1,0.706833,1,0.7054481,1,0.7077271,1,0.7069524,1,0.7077138,1,0.723359,1,0.720515,1,0.7316022,1,0.7446925,
1,0.7512748,1,0.7556949,1,0.7545407,1,0.7564377,1,0.755793,1,0.7564271,1,0.769467,1,0.7670951,1,0.7763358,1,0.7872453,
1,0.8010201,1,0.804554,1,0.8036334,1,0.805151,1,0.8046362,1,0.8051404,1,0.8155723,1,0.813678,1,0.8210695,1,0.8297954,
1,0.8507628,1,0.8534158,1,0.8527234,1,0.8538616,1,0.8534769,1,0.8538563,1,0.8616775,1,0.8602582,1,0.8658004,1,0.8723456,
1,0.900508,1,0.9022776,1,0.901816,1,0.9025748,1,0.9023175,1,0.9025695,1,0.9077855,1,0.9068383,1,0.9105341,1,0.9148984,
1,0.9502534,1,0.9511368,1,0.950906,1,0.9512854,1,0.951158,1,0.9512854,1,0.9538934,1,0.9534185,1,0.955265,1,0.9574485,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9917821,0,0.9863486,0,0.9669465,0,0.9650735,0,0.9595471,0,0.9560026,0,0.9689337,0,0.9657447,0,0.9678088,0,0.9683633,
0.87,0.9926046,0.88,0.9877149,0.18,0.9702523,0.16,0.9685649,0.13,0.9635931,0.11,0.9604014,0.91,0.9720405,0.92,0.9691699,0.93,0.971027,
0.94,0.9715258,
0.87,0.9930158,0.88,0.9883968,0.87,0.9719052,0.89,0.9703133,0.91,0.9656147,0.92,0.9626008,0.92,0.9735925,0.93,0.9708837,0.93,0.9726374
,0.94,0.9731097,
0.87,0.9934244,0.89,0.9890786,0.88,0.9735581,0.89,0.9720591,0.92,0.9676363,0.93,0.9648029,0.92,0.9751472,0.93,0.972595,0.93,0.9742479,
0.94,0.9746909,

0.87,0.9938356,0.89,0.9897604,0.88,0.9752083,0.9,0.9738048,0.92,0.9696607,0.93,0.9670023,0.92,0.9766993,0.93,0.9743088,0.93,0.9758556,
0.94,0.9762722,
0.88,0.9942468,0.89,0.9904423,0.89,0.9768611,0.9,0.9755505,0.92,0.9716823,0.93,0.9692017,0.92,0.978254,0.93,0.9760201,0.94,0.977466,0.
94,0.9778534,
0.9,0.994658,0.91,0.9911268,0.91,0.978514,0.92,0.9772962,0.94,0.973704,0.94,0.9714011,0.94,0.9798061,0.94,0.977734,0.95,0.9790764,0.95
,0.9794346,
0.9,0.9950693,0.92,0.9918086,0.91,0.9801669,0.92,0.9790446,0.94,0.9757283,0.95,0.9736005,0.94,0.9813608,0.95,0.9794452,0.95,0.9806842,
0.95,0.9810185,
0.91,0.9954805,0.92,0.9924905,0.92,0.9818197,0.93,0.9807904,0.94,0.9777499,0.95,0.9757999,0.94,0.9829128,0.95,0.9811592,0.95,0.9822947
,0.96,0.9825997,
0.91,0.9958917,0.92,0.993175,0.92,0.9834726,0.93,0.9825361,0.94,0.9797716,0.95,0.9779993,0.94,0.9844675,0.95,0.9828704,0.95,0.9839051,
0.96,0.984181,
0.91,0.9963003,0.92,0.9938568,0.92,0.9851255,0.93,0.9842818,0.95,0.9817958,0.95,0.9802014,0.95,0.9860196,0.95,0.9845843,0.95,0.9855129
,0.96,0.9857622,
0.91,0.9967115,0.93,0.9945386,0.92,0.9867784,0.93,0.9860275,0.95,0.9838175,0.95,0.9824008,0.95,0.9875717,0.95,0.9862981,0.96,0.9871233
,0.96,0.9873435,
0.92,0.9971227,0.93,0.9952205,0.93,0.9884312,0.94,0.9877759,0.95,0.9858418,0.96,0.9846002,0.95,0.9891263,0.95,0.9880094,0.96,0.988731,
0.96,0.9889274,
0.92,0.997534,0.93,0.9959023,0.94,0.9900841,0.95,0.9895216,0.95,0.9878635,0.96,0.9867996,0.95,0.9906784,0.96,0.9897233,0.96,0.9903414,
0.96,0.9905086,
0.92,0.9979452,0.93,0.9965868,0.95,0.9917369,0.95,0.9912674,0.96,0.9898851,0.97,0.988999,0.96,0.9922331,0.96,0.9914345,0.97,0.9919519,
0.97,0.9920898,
0.92,0.9983564,0.93,0.9972687,0.95,0.9933872,0.96,0.9930131,0.96,0.9919094,0.97,0.9911984,0.96,0.9937851,0.97,0.9931484,0.97,0.9935597
,0.97,0.9936711,
0.94,0.998765,0.95,0.9979505,0.95,0.9950401,0.96,0.9947588,0.97,0.9939311,0.97,0.9934005,0.97,0.9953399,0.97,0.9948596,0.97,0.9951701,
0.97,0.9952523,
0.95,0.9991762,0.95,0.998635,0.95,0.996693,0.96,0.9965072,0.97,0.9959527,0.97,0.9955999,0.97,0.9968919,0.97,0.9965736,0.97,0.9967805,0
.98,0.9968362,
0.95,0.9995874,0.96,0.9993168,0.96,0.9983458,0.96,0.9982529,0.97,0.997977,0.97,0.9977993,0.97,0.9984466,0.97,0.9982848,0.97,0.9983882,
0.98,0.9984174,
0.95,0.9999987,0.96,0.9999987,0.96,0.9999987,0.96,0.9999987,0.97,0.9999987,0.97,0.9999987,0.97,0.9999987,0.97,0.9999987,0.98,0.9999987
,0.98,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
0,0,1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
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0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,
0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,
0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,

0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,
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0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,2.179508E-03,0,2.857238E-02,0,0.7129059,0,0.9474703,0,0,0,0
0.03,0.101962,0.01,0.125715,0.23,0.7416149,0.13,0.9527234,0,9.999868E-02,0,9.999868E-02
0.07,0.1518532,0.01,0.174285,0.23,0.7559708,0.21,0.9553499,0,0.1499987,0,0.1499987
0.29,0.2017444,0.03,0.2228576,0.3,0.7703239,0.24,0.9579765,0,0.1999987,0,0.1999987
0.56,0.251633,0.03,0.2714303,0.5,0.7846798,0.32,0.9606031,0,0.2499987,0,0.2499987
1,0.3015242,0.05,0.3200003,0.71,0.7990329,0.39,0.9632296,0,0.2999987,0,0.2999987
1,0.3514154,0.28,0.3685703,0.83,0.8133888,0.45,0.9658561,0,0.3499987,0,0.3499987
1,0.4013066,0.29,0.4171429,0.92,0.827742,0.51,0.9684827,0,0.3999987,0,0.3999987
1,0.4511979,0.32,0.4657155,0.94,0.8420978,0.59,0.9711093,0,0.4499987,0,0.4499987
1,0.5010891,0.56,0.5142855,0.94,0.856451,0.65,0.9737331,0,0.4999987,0,0.4999987
1,0.5509803,1,0.5628555,0.94,0.8708068,0.71,0.9763597,0,0.5499987,0,0.5499987
1,0.6008716,1,0.6114281,0.94,0.8851627,0.77,0.9789863,0,0.5999987,0,0.5999987
1,0.6507627,1,0.6600008,0.95,0.8995158,0.83,0.9816128,0,0.6499987,0,0.6499987
1,0.700654,1,0.7085708,0.96,0.9138716,0.87,0.9842393,0,0.6999987,0,0.6999987
1,0.7505452,1,0.7571408,0.97,0.9282248,0.9,0.9868659,0,0.7499987,0,0.7499987
1,0.8004338,1,0.8057134,0.98,0.9425806,0.91,0.9894925,0,0.7999987,0,0.7999987
1,0.850325,1,0.8542861,0.99,0.9569339,0.92,0.992119,0,0.8499987,0,0.8499987
1,0.9002162,1,0.9028561,0.99,0.9712896,0.93,0.9947456,0,0.8999987,0,0.8999987
1,0.9501075,1,0.951426,0.99,0.9856429,0.94,0.9973722,0,0.9499987,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.97,0.9999987,0,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99072, %
Acceptable Velocity in Reach,1,99.99655, %

Optimum Depth in Reach,1,3.634714E-02, %
Acceptable Depth in Reach,1,2.368932, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0, %
Optimum Velocity in Reach,2,99.97506, %
Acceptable Velocity in Reach,2,99.9931, %
Optimum Depth in Reach,2,6.924528E-02, %
Acceptable Depth in Reach,2,5.207192, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.95331, %
Acceptable Velocity in Reach,3,99.98673, %
Optimum Depth in Reach,3,0.4841864, %
Acceptable Depth in Reach,3,27.87162, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,0, %
Optimum Velocity in Reach,4,99.95437, %
Acceptable Velocity in Reach,4,99.98859, %
Optimum Depth in Reach,4,0.5290233, %
Acceptable Depth in Reach,4,28.77128, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,0, %
Optimum Velocity in Reach,5,99.96445, %
Acceptable Velocity in Reach,5,99.99258, %
Optimum Depth in Reach,5,0.7805349, %
Acceptable Depth in Reach,5,35.21826, %
Optimum Depth & Velocity in Reach,5,0, %
Acceptable Depth & Velocity in Reach,5,0, %
Optimum Velocity in Reach,6,99.97108, %
Acceptable Velocity in Reach,6,99.99204, %
Optimum Depth in Reach,6,0.944495, %
Acceptable Depth in Reach,6,38.58448, %
Optimum Depth & Velocity in Reach,6,0, %
Acceptable Depth & Velocity in Reach,6,0, %
Optimum Velocity in Reach,7,99.91802, %
Acceptable Velocity in Reach,7,99.97639, %
Optimum Depth in Reach,7,0.4030022, %
Acceptable Depth in Reach,7,23.6856, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.94243, %
Acceptable Velocity in Reach,8,99.98064, %
Optimum Depth in Reach,8,0.5144314, %
Acceptable Depth in Reach,8,27.43997, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0, %
Optimum Velocity in Reach,9,99.91988, %

Acceptable Velocity in Reach,9,99.97771, %
Optimum Depth in Reach,9,0.449431, %
Acceptable Depth in Reach,9,25.18299, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.91616, %
Acceptable Velocity in Reach,10,99.97639, %
Optimum Depth in Reach,10,0.4369616, %
Acceptable Depth in Reach,10,24.43138, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.95055, %
Acceptable Velocity in Stream,99.98607, %
Optimum Depth in Stream,0.4647658, %
Acceptable Depth in Stream,23.87617, %
Optimum Depth & Velocity in Stream,0, %
Acceptable Depth & Velocity in Stream,0, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.84639, %
Acceptable Velocity in Reach,1,99.98116, %
Optimum Depth in Reach,1,0.8216576, %
Acceptable Depth in Reach,1,5.741786, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0, %
Optimum Velocity in Reach,2,99.467, %
Acceptable Velocity in Reach,2,99.90953, %
Optimum Depth in Reach,2,1.365008, %
Acceptable Depth in Reach,2,7.624409, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.03746, %
Acceptable Velocity in Reach,3,99.73655, %
Optimum Depth in Reach,3,3.305202, %
Acceptable Depth in Reach,3,18.74769, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,0, %
Optimum Velocity in Reach,4,99.07434, %
Acceptable Velocity in Reach,4,99.78112, %
Optimum Depth in Reach,4,3.492509, %
Acceptable Depth in Reach,4,20.18407, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,0, %
Optimum Velocity in Reach,5,99.34231, %
Acceptable Velocity in Reach,5,99.89786, %

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Optimum Depth in Reach,5,4.045145, %
Acceptable Depth in Reach,5,24.68263, %
Optimum Depth & Velocity in Reach,5,0, %
Acceptable Depth & Velocity in Reach,5,0, %
Optimum Velocity in Reach,6,99.4471, %
Acceptable Velocity in Reach,6,99.92571, %
Optimum Depth in Reach,6,4.399596, %
Acceptable Depth in Reach,6,27.37629, %
Optimum Depth & Velocity in Reach,6,0, %
Acceptable Depth & Velocity in Reach,6,0, %
Optimum Velocity in Reach,7,98.70106, %
Acceptable Velocity in Reach,7,99.5694, %
Optimum Depth in Reach,7,3.106486, %
Acceptable Depth in Reach,7,19.49666, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.01253, %
Acceptable Velocity in Reach,8,99.68323, %
Optimum Depth in Reach,8,3.425386, %
Acceptable Depth in Reach,8,21.80881, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0, %
Optimum Velocity in Reach,9,98.78436, %
Acceptable Velocity in Reach,9,99.59487, %
Optimum Depth in Reach,9,3.218977, %
Acceptable Depth in Reach,9,21.18587, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,98.77985, %
Acceptable Velocity in Reach,10,99.60257, %
Optimum Depth in Reach,10,3.163528, %
Acceptable Depth in Reach,10,21.49496, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.14924, %
Acceptable Velocity in Stream,99.7682, %
Optimum Depth in Stream,3.034349, %
Acceptable Depth in Stream,18.83432, %
Optimum Depth & Velocity in Stream,0, %
Acceptable Depth & Velocity in Stream,0, %
```

Stream Health Run 4

Run Date,6/11/2002
Run Time,6:16:40 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\HighDensityRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Central Stoneroller.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8184,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,2.942805,Index,3
90-10 Range ,104.1527,Index,5
Number of Storms 3x Median,12114,Index,5
Number of High Flow Events,1854,Index,3
High Flow Duration (hrs) ,89376,Index,3
Number of Low Flow Events ,116,Index,3
Low Flow Duration (hrs) ,15486,Index,1
Overall Index,3.222222
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,1.459196E-05,0,3.051045E-05,0,2.25512E-05,0,1.193887E-05,0,1.193887E-05,0,5.173511E-05,0,3.84697E-05,0,4.908203E-05,0,6.062294E-04,
1,0.1000013,1,0.1000119,1,0.1000279,1,0.1000199,1,0.1000093,1,0.1000093,1,0.1000464,1,0.1000358,1,0.1000438,1,0.1005452,
1,0.1500013,1,0.1500119,1,0.1500252,1,0.1500199,1,0.1500093,1,0.1500093,1,0.1500438,1,0.1500332,1,0.1500411,1,0.150516,
1,0.2000013,1,0.2000119,1,0.2000252,1,0.2000172,1,0.2000093,1,0.2000093,1,0.2000411,1,0.2000305,1,0.2000385,1,0.2004842,
1,0.2500013,1,0.2500093,1,0.2500226,1,0.2500173,1,0.2500093,1,0.2500093,1,0.2500385,1,0.2500279,1,0.2500358,1,0.250455,
1,0.3000013,1,0.3000093,1,0.3000199,1,0.3000146,1,0.3000093,1,0.3000093,1,0.3000358,1,0.3000252,1,0.3000332,1,0.3004232,

1,0.3500013,1,0.3500093,1,0.3500199,1,0.3500146,1,0.3500066,1,0.3500066,1,0.3500332,1,0.3500252,1,0.3500305,1,0.350394,
1,0.4000013,1,0.4000093,1,0.4000172,1,0.4000119,1,0.4000066,1,0.4000066,1,0.4000305,1,0.4000225,1,0.4000279,1,0.4003621,
1,0.4500013,1,0.4500066,1,0.4500172,1,0.4500119,1,0.4500066,1,0.4500066,1,0.4500279,1,0.4500199,1,0.4500252,1,0.450333,
1,0.4999987,1,0.5000066,1,0.5000146,1,0.5000093,1,0.500004,1,0.500004,1,0.5000252,1,0.5000199,1,0.5000252,1,0.5003011,
1,0.5499987,1,0.5500066,1,0.5500119,1,0.5500093,1,0.550004,1,0.550004,1,0.5500225,1,0.5500172,1,0.5500225,1,0.5502719,
1,0.5999987,1,0.600004,1,0.6000119,1,0.6000093,1,0.600004,1,0.600004,1,0.6000199,1,0.6000146,1,0.6000199,1,0.6002427,
1,0.6499987,1,0.650004,1,0.6500093,1,0.6500067,1,0.650004,1,0.650004,1,0.6500173,1,0.650012,1,0.6500173,1,0.6502109,
1,0.6999987,1,0.700004,1,0.7000093,1,0.7000066,1,0.700004,1,0.700004,1,0.7000146,1,0.7000093,1,0.7000146,1,0.7001817,
1,0.7499987,1,0.750004,1,0.7500066,1,0.750004,1,0.7500013,1,0.7500013,1,0.7500119,1,0.7500093,1,0.7500119,1,0.7501499,
1,0.7999987,1,0.8000013,1,0.800004,1,0.800004,1,0.8000013,1,0.8000013,1,0.8000093,1,0.8000066,1,0.8000093,1,0.8001207,
1,0.8499987,1,0.8500013,1,0.850004,1,0.8500013,1,0.8500013,1,0.8500013,1,0.8500066,1,0.850004,1,0.8500066,1,0.8500889,
1,0.8999987,1,0.9000013,1,0.9000013,1,0.9000013,1,0.8999987,1,0.8999987,1,0.900004,1,0.900004,1,0.900004,1,0.9000597,
1,0.9499987,1,0.9499987,1,0.9500013,1,0.9499987,1,0.9499987,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500279,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9129032,0,0.8287289,0,0.4695625,0,0.4597939,0,0.3961596,0,0.3644606,0,0.511131,0,0.469979,0,0.4936551,0,0.5016171,
0.97,0.9216133,0.98,0.8458546,0.97,0.5226056,0.98,0.5138133,0.98,0.4565438,0.99,0.4280152,0.98,0.5600167,0.99,0.5229797,0.99,0.5442892
,0.99,0.5514552,
0.97,0.925967,0.98,0.8544187,0.98,0.5491285,0.98,0.5408243,0.99,0.4867359,0.99,0.4597912,0.98,0.5844622,0.99,0.5494813,0.99,0.5696076,
0.99,0.5763756,
0.97,0.9303234,0.98,0.8629829,0.98,0.5756487,0.98,0.5678353,0.99,0.516928,0.99,0.4915672,0.99,0.6089051,0.99,0.575983,0.99,0.5949233,0
.99,0.6012934,
0.97,0.9346771,0.98,0.871547,0.98,0.6021715,0.98,0.5948464,0.99,0.5471201,0.99,0.5233458,0.99,0.6333479,0.99,0.6024846,0.99,0.6202417,
0.99,0.6262111,
0.97,0.9390308,0.98,0.8801112,0.98,0.6286944,0.98,0.6218548,0.99,0.5773122,0.99,0.5551218,0.99,0.6577908,0.99,0.6289862,0.99,0.6455574
,0.99,0.6511315,
0.98,0.9433872,0.98,0.8886726,0.98,0.6552146,0.98,0.6488658,0.99,0.6075042,0.99,0.5868977,0.99,0.6822336,0.99,0.6554853,0.99,0.6708758
,0.99,0.676052,
0.98,0.9477409,0.98,0.8972368,0.98,0.6817375,0.98,0.6758769,0.99,0.6376963,0.99,0.6186764,0.99,0.7066792,0.99,0.6819869,0.99,0.6961915
,0.99,0.7009697,
0.98,0.9520972,0.98,0.9058009,0.98,0.7082577,0.99,0.7028852,0.99,0.6678884,0.99,0.6504524,0.99,0.731122,0.99,0.7084885,0.99,0.7215099,
0.99,0.7258875,
0.98,0.956451,0.98,0.9143625,0.98,0.7347806,0.99,0.7298962,0.99,0.6980779,0.99,0.6822283,0.99,0.7555649,0.99,0.7349876,0.99,0.7468256,
0.99,0.7508079,
0.98,0.9608047,0.98,0.9229266,0.98,0.7613035,0.99,0.7569073,0.99,0.7282699,0.99,0.714007,0.99,0.7800077,0.99,0.7614892,0.99,0.772144,0
.99,0.7757283,
0.98,0.965161,0.98,0.9314908,0.99,0.7878237,0.99,0.7839157,0.99,0.758462,0.99,0.7457829,0.99,0.8044506,0.99,0.7879908,0.99,0.7974623,0
.99,0.800646,
0.98,0.9695147,0.98,0.9400549,0.99,0.8143466,0.99,0.8109267,0.99,0.7886541,0.99,0.7775615,0.99,0.828896,0.99,0.8144925,0.99,0.822778,0
.99,0.8255638,
0.98,0.9738711,0.98,0.9486191,0.99,0.8408667,0.99,0.8379378,0.99,0.8188462,0.99,0.8093375,0.99,0.8533389,0.99,0.8409941,0.99,0.8480964
,0.99,0.8504842,

0.98,0.9782248,0.99,0.9571806,0.99,0.8673896,0.99,0.8649461,0.99,0.8490382,0.99,0.8411135,0.99,0.8777817,0.99,0.8674931,0.99,0.8734121
,0.99,0.8754046,
0.98,0.9825785,0.99,0.9657447,0.99,0.8939125,0.99,0.8919572,0.99,0.8792303,0.99,0.8728921,0.99,0.9022246,0.99,0.8939947,0.99,0.8987305
,0.99,0.9003224,
0.99,0.9869349,0.99,0.9743088,0.99,0.9204327,0.99,0.9189682,0.99,0.9094224,0.99,0.9046681,0.99,0.9266675,0.99,0.9204964,0.99,0.9240462
,1,0.9252401,
0.99,0.9912886,0.99,0.9828704,0.99,0.9469556,0.99,0.9459792,1,0.9396145,1,0.936444,0.99,0.951113,0.99,0.9469954,0.99,0.9493646,1,0.950
1605,
0.99,0.995645,0.99,0.9914345,1,0.9734758,1,0.9729877,1,0.9698066,1,0.9682227,1,0.9755558,1,0.973497,1,0.9746803,1,0.9750809,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9994866,0,0,0,0.9795195,0,0.9762403,0,0.923436,0,0.9094357,0,0,0,0.9920686,0,0,0,0,
0.03,0.9995371,0,9.999868E-02,0.03,0.9815677,0.03,0.9786148,0.02,0.9310928,0.02,0.9184906,0,9.999868E-02,0.02,0.9928619,0,9.999868E-
02,0,9.999868E-02,
0.03,0.9995636,0,0.1499987,0.03,0.9825918,0.03,0.9798034,0.02,0.9349212,0.02,0.9230195,0,0.1499987,0.02,0.9932572,0,0.1499987,0,0.1499
987,
0.03,0.9995901,0,0.1999987,0.03,0.9836159,0.03,0.980992,0.02,0.9387496,0.02,0.9275483,0,0.1999987,0.02,0.9936551,0,0.1999987,0,0.19999
87,
0.03,0.999614,0,0.2499987,0.03,0.98464,0.03,0.9821806,0.02,0.9425753,0.03,0.9320771,0,0.2499987,0.02,0.9940504,0,0.2499987,0,0.2499987
,
0.03,0.9996405,0,0.2999987,0.03,0.9856641,0.03,0.9833692,0.03,0.9464037,0.04,0.9366059,0,0.2999987,0.02,0.9944484,0,0.2999987,0,0.2999
987,
0.03,0.999667,0,0.3499987,0.03,0.9866881,0.03,0.9845551,0.03,0.9502321,0.05,0.9411321,0,0.3499987,0.02,0.9948437,0,0.3499987,0,0.34999
87,
0.03,0.9996909,0,0.3999987,0.03,0.9877123,0.03,0.9857436,0.03,0.9540606,0.96,0.9456609,0,0.3999987,0.02,0.9952417,0,0.3999987,0,0.3999
987,
0.03,0.9997175,0,0.4499987,0.03,0.9887363,0.03,0.9869322,0.03,0.957889,0.96,0.9501897,0,0.4499987,0.02,0.995637,0,0.4499987,0,0.449998
7,
0.03,0.999744,0,0.4999987,0.03,0.9897578,0.03,0.9881182,0.95,0.9617174,0.96,0.9547158,0,0.4999987,0.02,0.996035,0,0.4999987,0,0.499998
7,
0.03,0.9997678,0,0.5499987,0.03,0.9907818,0.03,0.9893067,0.95,0.9655457,0.96,0.9592447,0,0.5499987,0.02,0.9964303,0,0.5499987,0,0.5499
987,
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87,
0.03,0.9998183,0,0.6499987,0.03,0.99283,0.03,0.9916839,0.96,0.9732025,0.96,0.9683023,0,0.6499987,0.02,0.9972236,0,0.6499987,0,0.649998
7,
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987,
0.03,0.9998713,0,0.7499987,0.03,0.9948782,0.03,0.9940584,0.96,0.9808593,0.97,0.9773573,0,0.7499987,0.02,0.9980168,0,0.7499987,0,0.7499
987,
0.03,0.9998952,0,0.7999987,0.03,0.9959023,0.03,0.995247,0.96,0.9846851,0.97,0.9818861,0,0.7999987,0.02,0.9984121,0,0.7999987,0,0.79999
87,

0.03,0.9999217,0,0.8499987,0.03,0.9969264,0.03,0.9964356,0.97,0.9885135,0.98,0.9864149,0,0.8499987,0.02,0.9988101,0,0.8499987,0,0.8499987,
0.03,0.9999483,0,0.8999987,0.03,0.9979505,0.03,0.9976215,0.97,0.9923419,0.98,0.990941,0,0.8999987,0.02,0.9992054,0,0.8999987,0,0.8999987,
0.03,0.9999722,0,0.9499987,0.03,0.9989746,0.03,0.9988101,0.97,0.9961703,0.98,0.9954699,0,0.9499987,0.02,0.9996034,0,0.9499987,0,0.9499987,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.989812E-05,0,5.43882E-05,0,8.622519E-05,0,7.295978E-05,0,6.234745E-05,0,4.642895E-05,0,4.768916E-03,0,3.161148E-03,0,6.347501E-03,0,7.201794E-03,
0.99,0.1000172,0.03,0.1000491,0.04,0.1000783,0.03,0.100065,0.04,0.100057,0.04,0.1000411,0.02,0.1042914,0.02,0.1028454,0.01,0.1057134,0.01,0.1064828,
0.99,0.1500172,0.03,0.1500464,0.04,0.150073,0.04,0.1500624,0.99,0.1500517,0.99,0.1500385,0.02,0.1540526,0.02,0.1526863,0.02,0.155395,0.02,0.156122,
0.99,0.2000146,0.99,0.2000438,0.05,0.2000677,0.04,0.200057,0.99,0.2000491,0.99,0.2000358,0.02,0.2038138,0.02,0.2025297,0.02,0.2050767,0.02,0.2057612,
0.99,0.2500146,1,0.2500411,0.99,0.250065,0.99,0.2500544,0.99,0.2500464,0.99,0.2500358,0.02,0.253575,0.99,0.2523705,0.02,0.254761,0.02,0.2554004,
0.99,0.3000146,1,0.3000385,0.99,0.3000597,0.99,0.3000517,0.99,0.3000438,0.99,0.3000332,0.99,0.3033389,1,0.3022113,1,0.3044426,1,0.3050395,
0.99,0.3500119,1,0.3500358,0.99,0.3500544,0.99,0.3500464,0.99,0.3500411,0.99,0.3500305,1,0.3531001,1,0.3520548,1,0.3541242,1,0.3546814,
0.99,0.4000119,1,0.4000332,0.99,0.4000517,0.99,0.4000438,0.99,0.4000358,0.99,0.4000279,1,0.4028614,1,0.4018956,1,0.4038085,1,0.4043205,
0.99,0.4500093,1,0.4500305,0.99,0.4500464,0.99,0.4500385,0.99,0.4500332,0.99,0.4500252,1,0.4526226,1,0.4517391,1,0.4534901,1,0.4539597,
0.99,0.5000093,1,0.5000252,0.99,0.5000411,0.99,0.5000358,0.99,0.5000305,0.99,0.5000225,1,0.5023838,1,0.5015799,1,0.5031717,1,0.5036016,
1,0.5500093,1,0.5500225,0.99,0.5500385,0.99,0.5500332,0.99,0.5500278,0.99,0.5500199,1,0.552145,1,0.5514207,1,0.552856,1,0.5532407,
1,0.6000066,1,0.6000199,0.99,0.6000332,0.99,0.6000279,0.99,0.6000252,0.99,0.6000172,1,0.6019062,1,0.6012642,1,0.6025377,1,0.6028799,
1,0.6500067,1,0.6500173,0.99,0.6500305,1,0.6500252,0.99,0.6500199,0.99,0.6500146,1,0.6516675,1,0.651105,1,0.652222,1,0.6525191,
1,0.700004,1,0.7000146,1,0.7000252,1,0.7000199,1,0.7000173,1,0.700012,1,0.7014287,1,0.7009485,1,0.7019036,1,0.7021583,
1,0.750004,1,0.7500119,1,0.7500199,1,0.7500172,1,0.7500146,1,0.7500093,1,0.7511926,1,0.7507893,1,0.7515852,1,0.7518001,
1,0.800004,1,0.8000093,1,0.8000172,1,0.8000146,1,0.8000119,1,0.8000093,1,0.8009538,1,0.8006301,1,0.8012695,1,0.8014393,
1,0.8500013,1,0.8500066,1,0.8500119,1,0.8500093,1,0.8500093,1,0.8500066,1,0.850715,1,0.8504736,1,0.8509511,1,0.8510785,
1,0.9000013,1,0.900004,1,0.9000067,1,0.9000067,1,0.900004,1,0.900004,1,0.9004762,1,0.9003144,1,0.9006327,1,0.9007203,
1,0.9499987,1,0.9500013,1,0.950004,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9502375,1,0.9501579,1,0.950317,1,0.9503595,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9969158,0,0.9925408,0,0.946218,0,0.9431537,0,0.9221201,0,0.9091359,0,0.9564059,0,0.946677,0,0.952397,0,0.9538297,
0.93,0.9972236,0.94,0.9932864,0.93,0.9515958,0.94,0.9488392,0.95,0.9299069,0.96,0.9182227,0.96,0.9607649,0.96,0.9520097,0.96,0.9571567,0.97,0.9584461,
0.93,0.9973775,0.94,0.9936604,0.93,0.954286,0.94,0.9516807,0.95,0.9338016,0.96,0.9227648,0.96,0.9629457,0.96,0.954676,0.96,0.9595365,0.97,0.9607543,
0.93,0.9975313,0.94,0.9940319,0.94,0.9569736,0.94,0.9545222,0.96,0.9376963,0.96,0.9273095,0.96,0.9651239,0.96,0.9573424,0.96,0.9619163,0.97,0.9630625,
0.93,0.9976852,0.94,0.994406,0.94,0.9596639,0.94,0.9573636,0.96,0.9415884,0.96,0.9318516,0.96,0.9673047,0.96,0.9600061,0.97,0.9642988,0.97,0.9653707,
0.93,0.9978417,0.94,0.9947774,0.94,0.9623514,0.95,0.9602078,0.96,0.9454831,0.96,0.9363937,0.96,0.9694829,0.96,0.9626725,0.97,0.9666786,0.97,0.9676815,
0.93,0.9979956,0.94,0.9951515,0.94,0.9650416,0.95,0.9630492,0.96,0.9493778,0.96,0.9409384,0.96,0.9716638,0.96,0.9653388,0.97,0.9690584,0.97,0.9699897,
0.93,0.9981495,0.94,0.9955229,0.94,0.9677292,0.95,0.9658906,0.96,0.9532726,0.96,0.9454805,0.96,0.9738419,0.96,0.9680051,0.97,0.9714382,0.97,0.9722978,
0.93,0.9983034,0.95,0.995897,0.95,0.9704195,0.96,0.9687347,0.97,0.9571646,0.97,0.9500252,0.97,0.9760228,0.97,0.9706715,0.97,0.9738181,0.97,0.974606,
0.95,0.9984573,0.95,0.9962685,0.95,0.973107,0.96,0.9715762,0.97,0.9610594,0.97,0.9545673,0.97,0.978201,0.97,0.9733378,0.97,0.9761978,0.98,0.9769142,
0.95,0.9986111,0.96,0.9966425,0.95,0.9757972,0.96,0.9744176,0.97,0.9649541,0.97,0.9591094,0.97,0.9803818,0.97,0.9760042,0.97,0.9785777,0.98,0.9792224,
0.95,0.998765,0.96,0.9970166,0.96,0.9784875,0.96,0.9772618,0.97,0.9688462,0.97,0.9636541,0.97,0.9825626,0.97,0.9786705,0.98,0.9809575,0.98,0.9815305,
0.95,0.9989189,0.96,0.9973881,0.96,0.9811751,0.96,0.9801032,0.97,0.9727409,0.97,0.9681962,0.97,0.9847408,0.97,0.9813369,0.98,0.9833373,0.98,0.9838387,
0.95,0.9990727,0.96,0.9977621,0.96,0.9838653,0.96,0.9829447,0.97,0.9766356,0.98,0.9727409,0.97,0.9869216,0.98,0.9840032,0.98,0.9857171,0.98,0.9861469,
0.95,0.9992293,0.96,0.9981335,0.96,0.9865528,0.96,0.9857888,0.97,0.9805303,0.98,0.977283,0.97,0.9890998,0.98,0.9866696,0.98,0.988097,0.98,0.9884577,
0.96,0.9993832,0.96,0.9985076,0.96,0.9892431,0.97,0.9886302,0.97,0.9844224,0.98,0.9818251,0.97,0.9912806,0.98,0.9893333,0.98,0.9904794,0.98,0.9907659,
0.96,0.9995371,0.96,0.9988791,0.96,0.9919307,0.97,0.9914716,0.97,0.9883171,0.98,0.9863698,0.97,0.9934588,0.98,0.9919996,0.98,0.9928592,0.98,0.9930741,
0.97,0.9996909,0.97,0.9992532,0.97,0.9946209,0.98,0.9943131,0.98,0.9922119,0.98,0.9909118,0.98,0.9956397,0.98,0.994666,0.98,0.995239,0.99,0.9953823,
0.97,0.9998448,0.98,0.9996246,0.97,0.9973084,0.98,0.9971572,0.98,0.9961039,0.99,0.9954566,0.98,0.9978178,0.98,0.9973323,0.99,0.9976189,0.99,0.9976905,
0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,
0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,
0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,
0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,
0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,
0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,
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0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,
0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,
0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,
0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,
0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,
0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,
0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,
0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,
0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,1.459196E-05,0,8.622519E-05,0,0,0.3631314,0,0.9087061,0,0.9102847,0,0
1,0.1000119,0.04,0.1000783,0.24,0.4268187,0.13,0.9178354,0.01,0.9192547,0,9.999868E-02
1,0.1500119,0.27,0.150073,0.31,0.458661,0.13,0.9224013,0.01,0.9237411,0,0.1499987
1,0.2000119,0.29,0.2000677,0.52,0.4905059,0.23,0.9269646,0.01,0.9282275,0,0.1999987
1,0.2500093,0.57,0.250065,0.94,0.5223482,0.23,0.9315279,0.01,0.9327139,0,0.2499987
1,0.3000093,0.99,0.3000597,0.95,0.5541905,0.23,0.9360939,0.01,0.9372002,0,0.2999987
1,0.3500093,0.99,0.3500544,0.95,0.5860355,0.23,0.9406598,0.01,0.9416839,0,0.3499987
1,0.4000093,1,0.4000517,0.95,0.6178778,0.3,0.9452232,0.13,0.9461703,0,0.3999987
1,0.4500066,1,0.4500464,0.95,0.6497228,0.45,0.9497864,0.13,0.9506567,0,0.4499987
1,0.5000066,1,0.5000411,0.95,0.681565,0.51,0.9543524,0.13,0.9551404,0,0.4999987
1,0.5500066,1,0.5500385,0.95,0.7134073,0.77,0.9589183,0.13,0.9596267,0,0.5499987
1,0.600004,1,0.6000332,0.95,0.7452523,0.92,0.9634817,0.23,0.9641131,0,0.5999987
1,0.650004,1,0.6500305,0.95,0.7770946,0.92,0.9680449,0.23,0.9685994,0,0.6499987
1,0.700004,1,0.7000252,0.95,0.8089396,0.93,0.9726109,0.23,0.9730858,0,0.6999987
1,0.750004,1,0.7500199,0.97,0.8407819,0.93,0.9771768,0.23,0.9775695,0,0.7499987
1,0.8000013,1,0.8000172,0.98,0.8726242,0.93,0.9817402,0.23,0.9820559,0,0.7999987
1,0.8500013,1,0.8500119,0.98,0.9044691,0.93,0.9863034,0.23,0.9865422,0,0.8499987
1,0.9000013,1,0.9000067,0.99,0.9363114,0.93,0.9908694,0.23,0.9910259,0,0.8999987

1,0.9499987,1,0.950004,1,0.9681564,0.94,0.9954354,0.23,0.9955123,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.98,0.9999987,0.28,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,3.316353E-05,0,5.969436E-05,0,5.43882E-05,0,3.84697E-05,0,2.785737E-05,0,1.180622E-04,0,9.153136E-05,0,1.12756E-
04,0,2.492571E-03,
1,0.1000013,1,0.1000305,1,0.1000544,1,0.1000491,1,0.1000358,1,0.1000252,0.04,0.1001048,1,0.1000836,0.03,0.1001021,0.03,0.1022432,
1,0.1500013,1,0.1500279,1,0.1500517,1,0.1500464,1,0.1500332,1,0.1500226,1,0.1500995,1,0.1500783,1,0.1500968,1,0.1521185,
1,0.2000013,1,0.2000252,1,0.2000464,1,0.2000438,1,0.2000305,1,0.2000225,1,0.2000942,1,0.200073,1,0.2000889,1,0.2019938,
1,0.2500013,1,0.2500252,1,0.2500438,1,0.2500411,1,0.2500279,1,0.2500199,1,0.2500889,1,0.2500677,1,0.2500836,1,0.2518691,
1,0.3000013,1,0.3000225,1,0.3000411,1,0.3000385,1,0.3000252,1,0.3000199,1,0.3000836,1,0.3000624,1,0.3000783,1,0.3017444,
1,0.3500013,1,0.3500199,1,0.3500385,1,0.3500358,1,0.3500252,1,0.3500172,1,0.3500756,1,0.3500597,1,0.350073,1,0.3516197,
1,0.4000013,1,0.4000199,1,0.4000358,1,0.4000332,1,0.4000225,1,0.4000172,1,0.4000703,1,0.4000544,1,0.4000677,1,0.401495,
1,0.4500013,1,0.4500172,1,0.4500332,1,0.4500305,1,0.4500199,1,0.4500146,1,0.450065,1,0.4500491,1,0.4500623,1,0.4513703,
1,0.4999987,1,0.5000146,1,0.5000305,1,0.5000252,1,0.5000199,1,0.5000146,1,0.500057,1,0.5000464,1,0.500057,1,0.5012456,
1,0.5499987,1,0.5500146,1,0.5500252,1,0.5500225,1,0.5500172,1,0.5500119,1,0.5500517,1,0.5500411,1,0.5500491,1,0.5511209,
1,0.5999987,1,0.6000119,1,0.6000226,1,0.6000199,1,0.6000146,1,0.6000093,1,0.6000465,1,0.6000358,1,0.6000438,1,0.6009963,
1,0.6499987,1,0.650012,1,0.6500199,1,0.6500173,1,0.650012,1,0.6500093,1,0.6500411,1,0.6500305,1,0.6500385,1,0.6508715,
1,0.6999987,1,0.7000093,1,0.7000173,1,0.7000146,1,0.7000093,1,0.7000066,1,0.7000358,1,0.7000252,1,0.7000332,1,0.7007468,
1,0.7499987,1,0.7500066,1,0.7500146,1,0.7500119,1,0.7500093,1,0.7500066,1,0.7500278,1,0.7500225,1,0.7500278,1,0.7506222,
1,0.7999987,1,0.8000066,1,0.8000119,1,0.8000093,1,0.8000066,1,0.800004,1,0.8000225,1,0.8000172,1,0.8000225,1,0.8004975,
1,0.8499987,1,0.850004,1,0.8500066,1,0.8500066,1,0.850004,1,0.850004,1,0.8500172,1,0.8500119,1,0.8500146,1,0.8503727,
1,0.8999987,1,0.9000013,1,0.900004,1,0.900004,1,0.900004,1,0.9000013,1,0.9000093,1,0.9000093,1,0.9000093,1,0.9002481,
1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.950004,1,0.950004,1,0.950004,1,0.9501234,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.8954089,0,0.83438,0,0.5133649,0,0.5032805,0,0.4399435,0,0.4066659,0,0.5454725,0,0.5040154,0,0.5207936,0,0.5226693,
0.97,0.9058673,0.98,0.8509431,0.97,0.5620278,0.98,0.5529516,0.98,0.4959501,0.99,0.4659994,0.98,0.5909252,0.99,0.5536149,0.99,0.5687135
,0.99,0.5704009,
0.97,0.9110965,0.98,0.8592234,0.98,0.5863592,0.98,0.577787,0.99,0.5239507,0.99,0.4956662,0.98,0.6136515,0.99,0.5784132,0.99,0.5926735,
0.99,0.594268,
0.97,0.9163257,0.98,0.8675037,0.98,0.6106906,0.98,0.6026253,0.99,0.551954,0.99,0.525333,0.99,0.6363778,0.99,0.6032116,0.99,0.6166335,0
.99,0.6181352,
0.98,0.9215576,0.98,0.875784,0.98,0.6350247,0.98,0.6274607,0.99,0.5799573,0.99,0.5549997,0.99,0.659104,0.99,0.6280099,0.99,0.6405962,0
.99,0.6420023,

0.98,0.9267868,0.98,0.8840643,0.98,0.6593561,0.98,0.6522962,0.99,0.6079606,0.99,0.5846665,0.99,0.6818303,0.99,0.6528109,0.99,0.6645561
,0.99,0.6658694,
0.98,0.9320161,0.98,0.8923472,0.98,0.6836875,0.98,0.6771318,0.99,0.6359639,0.99,0.6143333,0.99,0.7045566,0.99,0.6776093,0.99,0.6885161
,0.99,0.6897339,
0.98,0.9372453,0.98,0.9006274,0.98,0.708019,0.98,0.7019672,0.99,0.6639645,0.99,0.6440001,0.99,0.727283,0.99,0.7024077,0.99,0.7124761,0
.99,0.7136011,
0.98,0.9424745,0.98,0.9089077,0.98,0.7323503,0.99,0.7268028,0.99,0.6919678,0.99,0.6736668,0.99,0.7500093,0.99,0.7272087,0.99,0.7364361
,0.99,0.7374682,
0.98,0.9477038,0.98,0.9171907,0.98,0.7566818,0.99,0.7516383,0.99,0.7199711,0.99,0.7033309,0.99,0.7727356,0.99,0.7520071,0.99,0.7603961
,0.99,0.7613326,
0.98,0.952933,0.98,0.9254709,0.98,0.7810132,0.99,0.7764764,0.99,0.7479744,0.99,0.7329977,0.99,0.7954619,0.99,0.7768054,0.99,0.7843561,
0.99,0.7851998,
0.98,0.9581622,0.99,0.9337512,0.99,0.8053446,0.99,0.801312,0.99,0.7759777,0.99,0.7626645,0.99,0.8181882,0.99,0.8016064,0.99,0.8083161,
0.99,0.8090669,
0.98,0.9633914,0.99,0.9420314,0.99,0.829676,0.99,0.8261474,0.99,0.8039783,0.99,0.7923313,0.99,0.8409145,0.99,0.8264048,0.99,0.8322761,
0.99,0.832934,
0.99,0.9686207,0.99,0.9503117,0.99,0.8540075,0.99,0.850983,0.99,0.8319816,0.99,0.8219981,0.99,0.8636408,0.99,0.8512031,0.99,0.8562361,
0.99,0.8568012,
0.99,0.9738499,0.99,0.9585947,0.99,0.8783389,0.99,0.8758185,0.99,0.8599849,0.99,0.8516648,0.99,0.8863671,0.99,0.8760042,0.99,0.880196,
0.99,0.8806657,
0.99,0.9790817,0.99,0.966875,0.99,0.902673,0.99,0.900654,0.99,0.8879882,0.99,0.8813316,0.99,0.9090934,0.99,0.9008026,0.99,0.9041587,1,
0.9045328,
0.99,0.984311,0.99,0.9751552,0.99,0.9270044,0.99,0.9254922,0.99,0.9159915,1,0.9109983,0.99,0.9318197,0.99,0.9256009,0.99,0.9281187,1,0
.9283999,
0.99,0.9895402,0.99,0.9834381,0.99,0.9513358,0.99,0.9503276,1,0.9439921,1,0.9406651,1,0.954546,1,0.9503993,1,0.9520787,1,0.9522644,
0.99,0.9947695,1,0.9917184,1,0.9756672,1,0.9751632,1,0.9719954,1,0.9703319,1,0.9772724,1,0.9752003,1,0.9760387,1,0.9761316,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9972421,0,0,0,0.9688966,0,0.9639327,0,0.901036,0,0.8848788,0,0,0,0.9874178,0,0,0,0,
0.03,0.9975181,0,9.999868E-02,0.03,0.972006,0.03,0.9675382,0.02,0.910932,0.02,0.8963905,0,9.999868E-02,0.02,0.9886753,0,9.999868E-
02,0,9.999868E-02,
0.03,0.997656,0,0.1499987,0.03,0.9735607,0.03,0.9693423,0.02,0.91588,0.02,0.9021477,0,0.1499987,0.02,0.9893041,0,0.1499987,0,0.1499987
,
0.03,0.997794,0,0.1999987,0.03,0.975118,0.03,0.9711464,0.02,0.920828,0.02,0.9079022,0,0.1999987,0.02,0.9899329,0,0.1999987,0,0.1999987
,
0.03,0.9979319,0,0.2499987,0.03,0.9766728,0.03,0.9729478,0.02,0.925776,0.02,0.9136594,0,0.2499987,0.02,0.9905643,0,0.2499987,0,0.24999
87,
0.03,0.9980699,0,0.2999987,0.03,0.9782275,0.03,0.9747519,0.02,0.930724,0.02,0.9194139,0,0.2999987,0.02,0.9911931,0,0.2999987,0,0.29999
87,
0.03,0.9982079,0,0.3499987,0.03,0.9797822,0.03,0.9765561,0.02,0.935672,0.02,0.9251711,0,0.3499987,0.02,0.9918219,0,0.3499987,0,0.34999
87,

0.03,0.9983458,0,0.3999987,0.03,0.9813369,0.03,0.9783601,0.03,0.94062,0.03,0.9309257,0,0.3999987,0.02,0.9924507,0,0.3999987,0,0.399998
7,
0.03,0.9984838,0,0.4499987,0.03,0.9828916,0.03,0.9801615,0.03,0.945568,0.04,0.9366829,0,0.4499987,0.02,0.9930794,0,0.4499987,0,0.44999
87,
0.03,0.9986191,0,0.4999987,0.03,0.9844463,0.03,0.9819657,0.03,0.9505187,0.05,0.9424374,0,0.4999987,0.02,0.9937082,0,0.4999987,0,0.4999
987,
0.03,0.998757,0,0.5499987,0.03,0.9860036,0.03,0.9837698,0.03,0.9554667,0.96,0.9481946,0,0.5499987,0.02,0.994337,0,0.5499987,0,0.549998
7,
0.03,0.998895,0,0.5999987,0.03,0.9875584,0.03,0.9855712,0.05,0.9604146,0.96,0.9539518,0,0.5999987,0.02,0.9949658,0,0.5999987,0,0.59999
87,
0.03,0.999033,0,0.6499987,0.03,0.9891131,0.03,0.9873753,0.95,0.9653627,0.96,0.9597063,0,0.6499987,0.02,0.9955946,0,0.6499987,0,0.64999
87,
0.03,0.9991709,0,0.6999987,0.03,0.9906678,0.03,0.9891794,0.95,0.9703107,0.96,0.9654635,0,0.6999987,0.02,0.9962233,0,0.6999987,0,0.6999
987,
0.03,0.9993089,0,0.7499987,0.03,0.9922225,0.03,0.9909835,0.96,0.9752586,0.96,0.971218,0,0.7499987,0.02,0.9968521,0,0.7499987,0,0.74999
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0.03,0.9994468,0,0.7999987,0.03,0.9937772,0.03,0.9927849,0.96,0.9802067,0.97,0.9769752,0,0.7999987,0.02,0.9974836,0,0.7999987,0,0.7999
987,
0.03,0.9995848,0,0.8499987,0.03,0.9953346,0.03,0.994589,0.96,0.9851547,0.97,0.9827297,0,0.8499987,0.02,0.9981123,0,0.8499987,0,0.84999
87,
0.03,0.9997228,0,0.8999987,0.03,0.9968892,0.03,0.9963931,0.97,0.9901026,0.98,0.9884869,0,0.8999987,0.02,0.9987411,0,0.8999987,0,0.8999
987,
0.03,0.9998607,0,0.9499987,0.03,0.998444,0.03,0.9981946,0.97,0.9950507,0.98,0.9942415,0,0.9499987,0.02,0.9993699,0,0.9499987,0,0.94999
87,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999
987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,5.173511E-05,0,1.419399E-04,0,2.852064E-04,0,2.984718E-04,0,1.7643E-04,0,1.260214E-04,0,1.294306E-02,0,9.223443E-03,0,1.828637E-
02,0,2.183355E-02,
0.99,0.1000464,0.03,0.1001287,0.04,0.100256,0.03,0.1002693,0.03,0.1001579,0.03,0.1001128,0.02,0.1116484,0.02,0.1083002,0.01,0.1164584,
0.01,0.1196501,
0.99,0.1500438,0.03,0.1501207,0.04,0.1502428,0.04,0.1502534,0.04,0.1501499,0.99,0.1501074,0.02,0.161001,0.02,0.1578385,0.02,0.1655431,
0.02,0.1685596,
0.99,0.2000411,1,0.2001128,0.05,0.2002268,0.04,0.2002375,0.99,0.2001419,0.99,0.2000995,0.02,0.2103537,0.02,0.2073795,0.02,0.2146278,0.
02,0.2174666,
0.99,0.2500385,1,0.2501048,0.99,0.2502136,0.99,0.2502242,0.99,0.2501313,0.99,0.2500942,0.03,0.2597063,0.99,0.2569179,0.02,0.2637151,0.
02,0.2663735,
0.99,0.3000358,1,0.3000995,0.99,0.3002003,0.99,0.3002083,0.99,0.3001234,0.99,0.3000889,1,0.309059,1,0.3064563,1,0.3127998,1,0.3152831,
0.99,0.3500332,1,0.3500915,0.99,0.3501844,0.99,0.3501923,0.99,0.3501154,0.99,0.3500809,1,0.3584116,1,0.3559946,1,0.3618845,1,0.3641927
,
0.99,0.4000305,1,0.4000836,0.99,0.4001711,0.99,0.4001791,0.99,0.4001048,0.99,0.4000756,1,0.4077643,1,0.405533,1,0.4109718,1,0.4130996,

0.99,0.4500279,1,0.4500783,0.99,0.4501552,0.99,0.4501632,0.99,0.4500968,0.99,0.4500676,1,0.4571169,1,0.4550714,1,0.4600565,1,0.4620065
,
1,0.5000252,1,0.5000703,0.99,0.5001419,0.99,0.5001472,0.99,0.5000889,0.99,0.5000623,1,0.5064722,1,0.5046097,1,0.5091412,1,0.5109161,
1,0.5500225,1,0.5500624,0.99,0.5501287,0.99,0.550134,0.99,0.5500783,0.99,0.5500571,1,0.5558248,1,0.5541508,1,0.5582286,1,0.5598257,
1,0.6000199,1,0.6000571,0.99,0.6001127,0.99,0.600118,0.99,0.6000703,0.99,0.6000491,1,0.6051775,1,0.6036891,1,0.6073132,1,0.6087326,
1,0.6500173,1,0.6500491,0.99,0.6500995,1,0.6501048,0.99,0.6500597,0.99,0.6500438,1,0.6545302,1,0.6532274,1,0.6564006,1,0.6576396,
1,0.7000146,1,0.7000411,1,0.7000836,1,0.7000889,1,0.7000517,1,0.7000358,1,0.7038828,1,0.7027658,1,0.7054852,1,0.7065491,
1,0.7500119,1,0.7500358,1,0.7500703,1,0.750073,1,0.7500437,1,0.7500305,1,0.7532355,1,0.7523042,1,0.7545699,1,0.7554587,
1,0.8000093,1,0.8000278,1,0.8000571,1,0.8000597,1,0.8000332,1,0.8000252,1,0.8025881,1,0.8018426,1,0.8036573,1,0.8043656,
1,0.8500066,1,0.8500199,1,0.8500412,1,0.8500438,1,0.8500252,1,0.8500172,1,0.8519408,1,0.8513836,1,0.852742,1,0.8532726,
1,0.900004,1,0.900012,1,0.9000279,1,0.9000279,1,0.9000173,1,0.900012,1,0.9012934,1,0.9009219,1,0.9018266,1,0.9021822,
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1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9843561,0,0.9753542,0,0.9209262,0,0.9154794,0,0.8953186,0,0.882613,0,0.9236058,0,0.9130386,0,0.9180476,0,0.9173021,
0.12,0.9859214,0.1,0.9778189,0.09,0.9288324,0.07,0.9239321,0.06,0.9057877,0.05,0.8943529,0.06,0.931244,0.06,0.9217354,0.05,0.9262429,0
.05,0.9255717,
0.93,0.9867014,0.94,0.9790499,0.1,0.9327881,0.09,0.9281585,0.07,0.9110196,0.06,0.9002215,0.07,0.9350645,0.06,0.9260838,0.96,0.9303393,
0.97,0.9297079,
0.93,0.9874841,0.94,0.9802836,0.93,0.9367412,0.94,0.9323822,0.95,0.9162541,0.96,0.9060901,0.96,0.9388849,0.96,0.9304295,0.96,0.9344383
,0.97,0.9338414,
0.93,0.9882668,0.94,0.9815146,0.93,0.9406943,0.94,0.9366086,0.96,0.9214886,0.96,0.9119588,0.96,0.9427027,0.96,0.9347779,0.96,0.9385347
,0.97,0.9379749,
0.93,0.9890494,0.94,0.9827483,0.94,0.9446474,0.94,0.9408349,0.96,0.9267232,0.96,0.9178274,0.96,0.9465231,0.96,0.9391263,0.97,0.9426337
,0.97,0.9421111,
0.93,0.989832,0.94,0.9839793,0.94,0.9486005,0.95,0.9450613,0.96,0.9319577,0.96,0.9236987,0.96,0.9503435,0.96,0.9434748,0.97,0.9467301,
0.97,0.9462472,
0.94,0.9906121,0.95,0.985213,0.94,0.9525563,0.95,0.9492877,0.96,0.9371896,0.96,0.9295673,0.97,0.954164,0.97,0.9478232,0.97,0.9508291,0
.97,0.9503807,
0.95,0.9913947,0.95,0.9864441,0.95,0.9565094,0.96,0.953514,0.97,0.9424241,0.97,0.9354359,0.97,0.9579818,0.97,0.9521716,0.97,0.9549255,
0.98,0.9545142,
0.95,0.9921774,0.96,0.9876778,0.95,0.9604625,0.96,0.9577404,0.97,0.9476587,0.97,0.9413072,0.97,0.9618022,0.97,0.95652,0.97,0.9590245,0
.98,0.9586504,
0.95,0.99296,0.96,0.9889088,0.95,0.9644156,0.96,0.9619641,0.97,0.9528932,0.97,0.9471758,0.97,0.9656227,0.97,0.9608657,0.97,0.9631208,0
.98,0.9627866,
0.95,0.9937427,0.96,0.9901398,0.96,0.9683686,0.96,0.9661905,0.97,0.9581277,0.97,0.9530444,0.97,0.9694405,0.97,0.9652141,0.98,0.9672172
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,0.98,0.9751897,

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0.98,0.9793258,
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,0.98,0.9834594,
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0.99,0.9958652,
0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,4.112278E-05,0,2.931656E-04,0,0.3998289,0,0.8732476,0,0.8888849,0,0

0.47,0.1000358,0.04,0.100264,0.24,0.4598469,0.12,0.8859214,0.01,0.899996,0,9.999868E-02
1,0.1500358,0.17,0.1502481,0.32,0.4898533,0.13,0.8922597,0.01,0.9055516,0,0.1499987
1,0.2000332,0.29,0.2002348,0.52,0.5198623,0.23,0.8985978,0.01,0.9111071,0,0.1999987
1,0.2500305,0.57,0.2502189,0.83,0.5498713,0.23,0.9049361,0.01,0.9166627,0,0.2499987
1,0.3000278,0.99,0.3002056,0.94,0.5798804,0.27,0.9112743,0.01,0.9222183,0,0.2999987
1,0.3500252,0.99,0.3501897,0.95,0.6098894,0.37,0.9176098,0.01,0.9277738,0,0.3499987
1,0.4000252,1,0.4001764,0.95,0.6398957,0.46,0.923948,0.01,0.9333293,0,0.3999987
1,0.4500225,1,0.4501605,0.95,0.6699048,0.54,0.9302863,0.01,0.9388849,0,0.4499987
1,0.5000199,1,0.5001472,0.95,0.6999138,0.65,0.9366218,0.05,0.9444431,0,0.4999987
1,0.5500172,1,0.5501313,0.95,0.7299228,0.71,0.94296,0.12,0.9499987,0,0.5499987
1,0.6000146,1,0.6001154,0.95,0.7599318,0.81,0.9492983,0.13,0.9555542,0,0.5999987
1,0.6500146,1,0.6501021,0.95,0.7899382,0.86,0.9556365,0.13,0.9611098,0,0.6499987
1,0.700012,1,0.7000862,0.96,0.8199472,0.92,0.9619747,0.19,0.9666653,0,0.6999987
1,0.7500093,1,0.750073,0.98,0.8499562,0.92,0.9683102,0.22,0.9722209,0,0.7499987
1,0.8000066,1,0.8000571,0.98,0.8799652,0.93,0.9746485,0.23,0.9777765,0,0.7999987
1,0.850004,1,0.8500438,0.99,0.9099743,0.93,0.9809867,0.23,0.983332,0,0.8499987
1,0.900004,1,0.9000279,0.99,0.9399806,0.94,0.9873223,0.23,0.9888875,0,0.8999987
1,0.9500013,1,0.9500146,1,0.9699897,0.95,0.9936604,0.23,0.9944431,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.98,0.9999987,0.3,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99761, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,0.3082874, %
Acceptable Depth in Reach,1,8.709517, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,5.120436E-02, %
Optimum Velocity in Reach,2,99.99416, %
Acceptable Velocity in Reach,2,99.99814, %
Optimum Depth in Reach,2,0.7457796, %
Acceptable Depth in Reach,2,17.12693, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.99098, %
Acceptable Velocity in Reach,3,99.99655, %
Optimum Depth in Reach,3,5.37805, %
Acceptable Depth in Reach,3,53.04348, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,2.047909, %
Optimum Velocity in Reach,4,99.9923, %
Acceptable Velocity in Reach,4,99.99734, %
Optimum Depth in Reach,4,5.684481, %
Acceptable Depth in Reach,4,54.02034, %

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Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,2.375829, %
Optimum Velocity in Reach,5,99.99336, %
Acceptable Velocity in Reach,5,99.99841, %
Optimum Depth in Reach,5,7.787838, %
Acceptable Depth in Reach,5,60.38374, %
Optimum Depth & Velocity in Reach,5,3.873491E-02, %
Acceptable Depth & Velocity in Reach,5,7.656246, %
Optimum Velocity in Reach,6,99.99496, %
Acceptable Velocity in Reach,6,99.99841, %
Optimum Depth in Reach,6,9.086254, %
Acceptable Depth in Reach,6,63.55364, %
Optimum Depth & Velocity in Reach,6,2.225135, %
Acceptable Depth & Velocity in Reach,6,9.056274, %
Optimum Velocity in Reach,7,99.98276, %
Acceptable Velocity in Reach,7,99.99443, %
Optimum Depth in Reach,7,4.359269, %
Acceptable Depth in Reach,7,48.88663, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.98806, %
Acceptable Velocity in Reach,8,99.99576, %
Optimum Depth in Reach,8,5.332152, %
Acceptable Depth in Reach,8,53.00182, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0.7930044, %
Optimum Velocity in Reach,9,99.98222, %
Acceptable Velocity in Reach,9,99.9947, %
Optimum Depth in Reach,9,4.760149, %
Acceptable Depth in Reach,9,50.63422, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.98222, %
Acceptable Velocity in Reach,10,99.99522, %
Optimum Depth in Reach,10,4.616883, %
Acceptable Depth in Reach,10,49.83803, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.98987, %
Acceptable Velocity in Stream,99.99684, %
Optimum Depth in Stream,4.805914, %
Acceptable Depth in Stream,45.91984, %
Optimum Depth & Velocity in Stream,0.226387, %
Acceptable Depth & Velocity in Stream,2.198047, %

Scenario
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Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99443, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,1.564253, %
Acceptable Depth in Reach,1,10.45896, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0.2756546, %
Optimum Velocity in Reach,2,99.98541, %
Acceptable Velocity in Reach,2,99.99628, %
Optimum Depth in Reach,2,2.464442, %
Acceptable Depth in Reach,2,16.56182, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.97108, %
Acceptable Velocity in Reach,3,99.99364, %
Optimum Depth in Reach,3,7.907228, %
Acceptable Depth in Reach,3,48.66325, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,3.110201, %
Optimum Velocity in Reach,4,99.96976, %
Acceptable Velocity in Reach,4,99.99416, %
Optimum Depth in Reach,4,8.451903, %
Acceptable Depth in Reach,4,49.67168, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,3.606591, %
Optimum Velocity in Reach,5,99.98196, %
Acceptable Velocity in Reach,5,99.99576, %
Optimum Depth in Reach,5,10.46798, %
Acceptable Depth in Reach,5,56.00537, %
Optimum Depth & Velocity in Reach,5,0.1586539, %
Acceptable Depth & Velocity in Reach,5,9.896238, %
Optimum Velocity in Reach,6,99.987, %
Acceptable Velocity in Reach,6,99.99682, %
Optimum Depth in Reach,6,11.73853, %
Acceptable Depth in Reach,6,59.33312, %
Optimum Depth & Velocity in Reach,6,2.849669, %
Acceptable Depth & Velocity in Reach,6,11.51196, %
Optimum Velocity in Reach,7,99.90847, %
Acceptable Velocity in Reach,7,99.98779, %
Optimum Depth in Reach,7,7.639266, %
Acceptable Depth in Reach,7,45.4525, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.94455, %
Acceptable Velocity in Reach,8,99.99045, %
Optimum Depth in Reach,8,8.695987, %
Acceptable Depth in Reach,8,49.59819, %

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Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,1.258089, %
Optimum Velocity in Reach,9,99.92067, %
Acceptable Velocity in Reach,9,99.98833, %
Optimum Depth in Reach,9,8.195086, %
Acceptable Depth in Reach,9,47.92039, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.91669, %
Acceptable Velocity in Reach,10,99.98806, %
Optimum Depth in Reach,10,8.269637, %
Acceptable Depth in Reach,10,47.73281, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.958, %
Acceptable Velocity in Stream,99.99307, %
Optimum Depth in Stream,7.539431, %
Acceptable Depth in Stream,43.13981, %
Optimum Depth & Velocity in Stream,0.3008323, %
Acceptable Depth & Velocity in Stream,2.965873, %
```

Stream Health Run 5

Run Date,6/11/2002
Run Time,6:21:18 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\HighDensityRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Fantail Darter.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range   ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8184,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs)   ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,2.942805,Index,3
90-10 Range   ,104.1527,Index,5
Number of Storms 3x Median,12114,Index,5
Number of High Flow Events,1854,Index,3
High Flow Duration (hrs) ,89376,Index,3
Number of Low Flow Events ,116,Index,3
Low Flow Duration (hrs)   ,15486,Index,1
Overall Index,3.222222
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

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1,0.1000013,1,0.1000252,1,0.1000385,1,0.1000305,1,0.1000252,1,0.1000119,0.03,0.1000544,1,0.1000491,0.03,0.1007017,0.03,0.1013411,
1,0.1500013,1,0.1500226,1,0.1500358,1,0.1500279,1,0.1500226,1,0.1500119,1,0.1500517,1,0.1500464,1,0.1506619,1,0.1512668,
1,0.2000013,1,0.2000225,1,0.2000358,1,0.2000252,1,0.2000225,1,0.2000119,1,0.2000464,1,0.2000438,1,0.2006221,1,0.2011926,
1,0.2500013,1,0.2500199,1,0.2500332,1,0.2500252,1,0.2500199,1,0.2500093,1,0.2500438,1,0.2500411,1,0.2505823,1,0.2511183,
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1,0.8999987,1,0.9000013,1,0.900004,1,0.9000013,1,0.9000013,1,0.9000013,1,0.900004,1,0.900004,1,0.9000756,1,0.9001473,
1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500385,1,0.9500729,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9130014,0,0.8288854,0,0.4704805,0,0.4608392,0,0.397664,0,0.3663682,0,0.5118685,0,0.4709474,0,0.4944935,0,0.5024501,
0.97,0.9217009,0.97,0.8459978,0.06,0.5234333,0.04,0.5147551,0.03,0.4578969,0.03,0.4297318,0.04,0.5606827,0.03,0.5238525,0.03,0.5450427
,0.03,0.552206,
0.97,0.926052,0.98,0.8545514,0.97,0.5499085,0.98,0.5417131,0.98,0.4880147,0.03,0.4614122,0.98,0.5850884,0.98,0.5503064,0.99,0.5703186,
0.99,0.5770813,
0.97,0.9304004,0.98,0.8631076,0.97,0.5763836,0.98,0.568671,0.98,0.5181298,0.98,0.4930953,0.98,0.609494,0.99,0.5767577,0.99,0.5955946,0
.99,0.6019593,
0.97,0.9347514,0.98,0.8716637,0.98,0.6028587,0.98,0.595629,0.98,0.5482476,0.99,0.5247758,0.98,0.6338997,0.99,0.6032089,0.99,0.6208705,
0.99,0.6268373,
0.97,0.9390998,0.98,0.8802199,0.98,0.6293365,0.98,0.622587,0.99,0.5783654,0.99,0.5564563,0.99,0.6583081,0.99,0.6296628,0.99,0.6461464,
0.99,0.6517152,
0.97,0.9434509,0.98,0.8887761,0.98,0.6558116,0.98,0.649545,0.99,0.6084806,0.99,0.5881394,0.99,0.6827139,0.99,0.6561167,0.99,0.6714197,
0.99,0.6765932,
0.98,0.9477993,0.98,0.8973297,0.98,0.6822867,0.98,0.6765029,0.99,0.6385984,0.99,0.6198199,0.99,0.7071195,0.99,0.6825679,0.99,0.6966956
,0.99,0.7014685,
0.98,0.9521503,0.98,0.9058859,0.98,0.7087644,0.98,0.7034609,0.99,0.6687135,0.99,0.651503,0.99,0.7315279,0.99,0.7090192,0.99,0.7219715,
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0.98,0.9564987,0.98,0.9144421,0.98,0.7352396,0.98,0.7304189,0.99,0.6988313,0.99,0.6831834,0.99,0.7559336,0.99,0.735473,0.99,0.7472448,
0.99,0.7512244,
0.98,0.9608498,0.98,0.9229982,0.98,0.7617147,0.99,0.7573769,0.99,0.7289491,0.99,0.7148639,0.99,0.7803393,0.99,0.7619269,0.99,0.7725207
,0.99,0.7761024,
0.98,0.9652008,0.98,0.9315544,0.98,0.7881925,0.99,0.7843349,0.99,0.7590643,0.99,0.746547,0.99,0.8047477,0.99,0.7883782,0.99,0.7977966,
0.99,0.8009803,
0.98,0.9695492,0.98,0.940108,0.98,0.8146676,0.99,0.8112928,0.99,0.7891821,0.99,0.7782274,0.99,0.8291534,0.99,0.8148294,0.99,0.8230726,
0.99,0.8258556,
0.98,0.9739003,0.98,0.9486642,0.99,0.8411427,0.99,0.8382508,0.99,0.8192972,0.99,0.8099106,0.99,0.8535591,0.99,0.8412833,0.99,0.8483484
,0.99,0.8507336,

0.98,0.9782487,0.98,0.9572204,0.99,0.8676205,0.99,0.8652088,0.99,0.849415,0.99,0.8415911,0.99,0.8779675,0.99,0.8677372,0.99,0.8736217,
0.99,0.8756115,
0.98,0.9825997,0.99,0.9657766,0.99,0.8940955,0.99,0.8921668,0.99,0.8795328,0.99,0.8732715,0.99,0.9023732,0.99,0.8941884,0.99,0.8988976
,0.99,0.9004895,
0.99,0.9869481,0.99,0.9743327,0.99,0.9205707,0.99,0.9191247,0.99,0.9096479,0.99,0.9049546,0.99,0.9267789,0.99,0.9206396,0.99,0.9241736
,0.99,0.9253675,
0.99,0.9912992,0.99,0.9828863,0.99,0.9470458,0.99,0.9460827,0.99,0.9397658,0.99,0.9366351,0.99,0.9511846,0.99,0.9470935,0.99,0.9494469
,0.99,0.9502428,
0.99,0.9956476,0.99,0.9914425,0.99,0.9735236,0.99,0.9730407,0.99,0.9698809,0.99,0.9683182,0.99,0.975593,0.99,0.9735475,0.99,0.9747227,
1,0.9751207,
0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9523785,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7159013,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9571407,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7443104,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.02,0.9729611,0.02,0.9595206,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.7585151,0.01,0.7242505,0.01,0.7447005,
0.01,0.7517259,
0.02,0.9745529,0.02,0.961903,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.01,0.7727197,0.01,0.7404688,0.01,0.7597196,0.
01,0.7663311,
0.02,0.9761422,0.02,0.9642829,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.01,0.7869243,0.02,0.7566897,0.01,0.774736,
0.01,0.7809336,
0.02,0.977734,0.02,0.9666653,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.01,0.8011315,0.98,0.7729107,0.01,0.7897525,
0.01,0.7955388,
0.02,0.9793232,0.02,0.9690452,0.96,0.7861947,0.97,0.780135,0.98,0.74036,0.02,0.7203956,0.02,0.8153362,0.98,0.7891316,0.02,0.8047715,0.
02,0.8101441,
0.02,0.9809151,0.02,0.9714276,0.96,0.8026412,0.97,0.7970484,0.98,0.7603324,0.98,0.7419015,0.03,0.8295407,0.98,0.8053526,0.98,0.819788,
0.02,0.8247466,
0.03,0.9825042,0.02,0.9738075,0.97,0.8190876,0.97,0.8139592,0.98,0.7803048,0.98,0.76341,0.98,0.8437454,0.98,0.8215736,0.98,0.8348071,0
.98,0.8393518,
0.05,0.9840961,0.02,0.9761899,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.85795,0.98,0.8377945,0.98,0.8498236,0.
98,0.8539571,
0.96,0.9856853,0.02,0.9785697,0.97,0.8519805,0.97,0.847786,0.98,0.8202497,0.98,0.8064271,0.98,0.8721546,0.98,0.8540128,0.98,0.86484,0.
98,0.8685597,
0.96,0.9872745,0.02,0.9809495,0.97,0.868427,0.98,0.8646967,0.98,0.8402221,0.98,0.8279356,0.98,0.8863592,0.98,0.8702337,0.98,0.8798591,
0.98,0.8831649,
0.96,0.9888663,0.02,0.983332,0.97,0.8848734,0.98,0.8816102,0.98,0.8601944,0.98,0.8494415,0.98,0.9005638,0.98,0.8864547,0.98,0.8948756,
0.98,0.8977674,
0.96,0.9904555,0.02,0.9857118,0.97,0.9013199,0.98,0.8985236,0.98,0.8801669,0.99,0.87095,0.98,0.9147684,0.99,0.9026756,0.99,0.9098946,0
.99,0.9123726,
0.96,0.9920474,0.02,0.9880943,0.98,0.9177664,0.98,0.9154343,0.98,0.9001366,0.99,0.8924586,0.98,0.9289756,0.99,0.9188966,0.99,0.9249111
,0.99,0.9269779,

0.96,0.9936366,0.02,0.9904741,0.98,0.9342128,0.98,0.9323477,0.98,0.920109,0.99,0.9139671,0.98,0.9431803,0.99,0.9351175,0.99,0.9399276,
0.99,0.9415804,
0.96,0.9952284,0.04,0.9928566,0.98,0.9506593,0.98,0.9492611,0.98,0.9400815,0.99,0.9354757,0.99,0.9573849,0.99,0.9513358,0.99,0.9549467
,0.99,0.9561856,
0.98,0.9968176,0.04,0.9952364,0.98,0.9671057,0.98,0.9661745,0.98,0.9600539,0.99,0.9569816,0.99,0.9715894,0.99,0.9675568,0.99,0.9699631
,0.99,0.9707909,
0.98,0.9984095,0.97,0.9976189,0.98,0.9835522,0.98,0.9830853,0.99,0.9800262,0.99,0.9784901,0.99,0.9857941,0.99,0.9837777,0.99,0.9849823
,0.99,0.9853935,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.392869E-04,0,5.425555E-04,0,1.715218E-03,0,0.1631871,0,0.2125265,0,0.2308859,0,5.766476E-03,0,4.079115E-03,0,7.374244E-
03,0,8.249762E-03,
0.98,0.100126,0.02,0.1004868,0.03,0.1015428,0.03,0.246868,0.03,0.2912727,0.03,0.3077961,0.02,0.1051908,0.02,0.1036705,0.01,0.1066367,0
.01,0.1074247,
0.98,0.1501181,0.02,0.1504603,0.03,0.1514579,0.03,0.2887098,0.03,0.3306471,0.04,0.3462525,0.02,0.1549016,0.02,0.1534663,0.01,0.1562679
,0.01,0.1570134,
0.99,0.2001101,0.99,0.2004338,0.03,0.201373,0.03,0.3305489,0.04,0.3700215,0.98,0.384709,0.02,0.2046124,0.02,0.203262,0.01,0.2058991,0.
01,0.2065995,
0.99,0.2501048,0.99,0.2504072,0.98,0.2512854,0.04,0.3723907,0.98,0.4093959,0.99,0.4231654,0.02,0.2543232,0.03,0.2530603,0.02,0.2555304
,0.02,0.2561857,
0.99,0.3000968,0.99,0.3003807,0.98,0.3012005,0.98,0.4142298,0.99,0.4487676,0.99,0.4616192,0.02,0.3040367,0.99,0.3028561,0.02,0.3051616
,0.02,0.3057744,
0.99,0.3500889,0.99,0.3503515,0.98,0.3511156,0.99,0.4560716,0.99,0.488142,0.99,0.5000756,0.99,0.3537475,0.99,0.3526517,0.99,0.3547928,
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0.99,0.4000836,0.99,0.400325,0.99,0.4010281,0.99,0.4979107,0.99,0.5275164,0.99,0.5385321,0.99,0.4034583,0.99,0.4024475,0.99,0.404424,0
.99,0.4049493,
0.99,0.4500756,0.99,0.4502985,0.99,0.4509432,0.99,0.5397525,0.99,0.5668882,0.99,0.5769858,0.99,0.4531718,0.99,0.4522432,0.99,0.4540552
,0.99,0.4545355,
0.99,0.5000677,0.99,0.5002693,0.99,0.5008582,0.99,0.5815916,0.99,0.6062626,0.99,0.6154423,0.99,0.5028826,0.99,0.5020389,0.99,0.5036865
,1,0.5041242,
0.99,0.5500624,0.99,0.5502428,0.99,0.5507707,0.99,0.6234334,0.99,0.645637,0.99,0.6538987,0.99,0.5525934,0.99,0.5518346,0.99,0.5533177,
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0.6032991,
0.99,0.6500491,0.99,0.6501897,0.99,0.6505983,0.99,0.7071142,0.99,0.7243832,0.99,0.7308089,0.99,0.6520177,0.99,0.651426,1,0.6525801,1,0
.6528852,
0.99,0.7000411,0.99,0.7001632,0.99,0.7005134,0.99,0.748956,0.99,0.7637576,0.99,0.7692654,1,0.7017285,1,0.7012218,1,0.7022113,1,0.70247
4,
0.99,0.7500331,0.99,0.750134,0.99,0.7504285,0.99,0.7907951,0.99,0.8031293,0.99,0.8077192,1,0.751442,1,0.7510175,1,0.7518426,1,0.752062
8,
1,0.8000278,1,0.8001075,0.99,0.800341,0.99,0.8326369,0.99,0.8425037,0.99,0.8461756,1,0.8011528,1,0.8008158,1,0.8014738,1,0.8016489,

1,0.8500199,1,0.8500809,0.99,0.850256,0.99,0.874476,0.99,0.8818781,0.99,0.884632,1,0.8508636,1,0.8506115,1,0.851105,1,0.851235,
1,0.900012,1,0.9000517,0.99,0.9001711,0.99,0.9163178,0.99,0.9212525,0.99,0.9230884,1,0.9005744,1,0.9004073,1,0.9007362,1,0.9008238,
1,0.9500066,1,0.9500252,0.99,0.9500836,0.99,0.9581569,0.99,0.9606243,0.99,0.9615422,1,0.9502879,1,0.9502029,1,0.9503675,1,0.9504126,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9322283,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7153707,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9390043,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7438329,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.04,0.9729611,0.02,0.9423949,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.758064,0.01,0.7242505,0.01,0.7447005,0
.01,0.7517259,
0.96,0.9745529,0.04,0.9457829,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.02,0.7722952,0.01,0.7404688,0.01,0.7597196,0
.01,0.7663311,
0.96,0.9761422,0.97,0.9491709,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.03,0.7865263,0.02,0.7566897,0.02,0.774736,
0.02,0.7809336,
0.96,0.977734,0.97,0.9525589,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.98,0.8007601,0.98,0.7729107,0.98,0.7897525,
0.98,0.7955388,
0.96,0.9793232,0.97,0.9559469,0.96,0.7861947,0.97,0.780135,0.98,0.74036,0.02,0.7203956,0.98,0.8149912,0.98,0.7891316,0.98,0.8047715,0.
98,0.8101441,
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0.98,0.8247466,
0.96,0.9825042,0.97,0.9627255,0.97,0.8190876,0.97,0.8139592,0.98,0.7803048,0.98,0.76341,0.98,0.8434535,0.98,0.8215736,0.98,0.8348071,0
.98,0.8393518,
0.96,0.9840961,0.97,0.9661135,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.8576847,0.98,0.8377945,0.98,0.8498236,
0.98,0.8539571,
0.96,0.9856853,0.97,0.9695015,0.97,0.8519805,0.97,0.847786,0.98,0.8202497,0.98,0.8064271,0.98,0.8719158,0.98,0.8540128,0.98,0.86484,0.
98,0.8685597,
0.97,0.9872745,0.97,0.9728895,0.97,0.868427,0.98,0.8646967,0.98,0.8402221,0.98,0.8279356,0.98,0.8861469,0.98,0.8702337,0.99,0.8798591,
0.99,0.8831649,
0.97,0.9888663,0.98,0.9762801,0.97,0.8848734,0.98,0.8816102,0.98,0.8601944,0.98,0.8494415,0.98,0.900378,0.98,0.8864547,0.99,0.8948756,
0.99,0.8977674,
0.97,0.9904555,0.98,0.9796681,0.97,0.9013199,0.98,0.8985236,0.98,0.8801669,0.99,0.87095,0.98,0.9146092,0.99,0.9026756,0.99,0.9098946,0
.99,0.9123726,
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0.99,0.9415804,
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,0.99,0.9853935,

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,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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02,0,9.999868E-02,
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0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,3.051045E-05,0,5.054123E-04,0,0.3636355,0,0.5571381,0,0.5575175,0,0
0.57,0.1000279,0.04,0.100455,0.13,0.4272724,0.04,0.6014234,0.01,0.6017656,0,9.999868E-02
1,0.1500252,0.16,0.1504285,0.24,0.4590908,0.05,0.623566,0.02,0.6238897,0,0.1499987
1,0.2000252,0.29,0.2004046,0.24,0.4909092,0.13,0.6457113,0.03,0.6460137,0,0.1999987
1,0.2500226,0.36,0.2503781,0.37,0.522725,0.13,0.6678539,0.13,0.6681378,0,0.2499987
1,0.3000199,0.56,0.3003542,0.52,0.5545434,0.23,0.6899965,0.14,0.6902618,0,0.2999987
1,0.3500199,0.66,0.3503277,0.76,0.5863618,0.23,0.7121392,0.23,0.7123859,0,0.3499987
1,0.4000172,0.66,0.4003038,0.85,0.6181803,0.23,0.7342818,0.23,0.73451,0,0.3999987
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1,0.5000146,0.76,0.5002534,0.95,0.6818171,0.51,0.7785671,0.3,0.7787581,0,0.4999987
1,0.5500119,0.99,0.5502269,0.95,0.7136355,0.64,0.8007123,0.51,0.8008822,0,0.5499987

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1,0.7000093,0.99,0.7001499,0.95,0.8090908,0.82,0.8671402,0.82,0.8672543,0,0.6999987
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1,0.800004,0.99,0.8000995,0.95,0.872725,0.94,0.9114255,0.94,0.9115024,0,0.7999987
1,0.850004,0.99,0.8500756,0.95,0.9045434,0.94,0.9335708,0.94,0.9336265,0,0.8499987
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1,0.9500013,0.99,0.9500252,0.98,0.9681802,0.94,0.977856,0.94,0.9778746,0,0.9499987
1,0.9999987,1,0.9999987,0.99,0.9999987,0.95,0.9999987,0.95,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.193887E-05,0,5.43882E-05,0,9.683752E-05,0,6.500053E-05,0,6.500053E-05,0,4.377587E-05,0,1.843893E-04,0,1.313276E-04,0,3.031147E-
03,0,6.108723E-03,
1,0.1000093,1,0.1000491,0.07,0.1000862,0.06,0.100057,1,0.100057,1,0.1000385,0.03,0.1001658,0.03,0.1001181,0.03,0.1027287,0.02,0.105498
5,
1,0.1500093,1,0.1500464,1,0.1500809,1,0.1500544,1,0.1500544,1,0.1500358,1,0.1501579,1,0.1501101,1,0.1525775,0.03,0.1551934,
1,0.2000093,1,0.2000438,1,0.2000783,1,0.2000517,1,0.2000517,1,0.2000358,1,0.2001472,1,0.2001048,1,0.2024236,1,0.2048856,
1,0.2500093,1,0.2500411,1,0.250073,1,0.2500491,1,0.2500491,1,0.2500332,1,0.2501366,1,0.2500995,1,0.2522724,1,0.2545806,
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1,0.3500066,1,0.3500358,1,0.3500623,1,0.3500411,1,0.3500411,1,0.3500279,1,0.3501207,1,0.3500836,1,0.3519699,1,0.3539703,
1,0.4000066,1,0.4000332,1,0.400057,1,0.4000385,1,0.4000385,1,0.4000252,1,0.4001101,1,0.4000783,1,0.4018187,1,0.4036652,
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1,0.500004,1,0.5000252,1,0.5000464,1,0.5000305,1,0.5000305,1,0.5000199,1,0.5000916,1,0.500065,1,0.5015162,1,0.503055,
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1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.895966,0,0.835412,0,0.5176257,0,0.5080799,0,0.4461384,0,0.4136117,0,0.5490727,0,0.5083267,0,0.5246326,0,0.5264791,

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0.07,0.9115714,0.06,0.860099,0.05,0.5899807,0.04,0.5818675,0.03,0.5292171,0.03,0.5015693,0.03,0.6167104,0.03,0.5820771,0.02,0.5959368,
0.02,0.5975074,
0.97,0.9167715,0.97,0.8683288,0.97,0.6140998,0.98,0.6064642,0.98,0.55691,0.04,0.5308885,0.98,0.639259,0.98,0.6066605,0.99,0.6197058,0.
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,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.945048,0,0.9335628,0,0.7211835,0,0.7131739,0,0.6563448,0,0.6234785,0,0.7460694,0,0.7125557,0,0.7265056,0,0.7278454,
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0.02,0.9587857,0.02,0.9501711,0.02,0.790888,0.02,0.7848814,0.02,0.742257,0.01,0.7176098,0.01,0.8095524,0.01,0.7844171,0.01,0.7948782,0
.01,0.7958837,
0.02,0.9615343,0.02,0.9534928,0.04,0.8048273,0.03,0.7992213,0.02,0.759441,0.01,0.7364334,0.01,0.8222474,0.01,0.7987888,0.01,0.8085522,
0.01,0.8094914,
0.02,0.9642802,0.02,0.9568145,0.04,0.8187692,0.04,0.8135613,0.03,0.776625,0.02,0.7552598,0.01,0.8349451,0.02,0.8131606,0.01,0.8222288,
0.01,0.8230991,
0.02,0.9670288,0.02,0.9601361,0.96,0.8327085,0.97,0.8279038,0.98,0.7938064,0.98,0.774086,0.02,0.8476401,0.98,0.8275324,0.01,0.8359029,
0.01,0.8367068,
0.02,0.9697748,0.02,0.9634578,0.96,0.8466505,0.97,0.8422464,0.98,0.8109878,0.98,0.7929123,0.03,0.8603377,0.98,0.8419041,0.02,0.8495768
,0.02,0.8503144,
0.02,0.9725233,0.02,0.9667821,0.97,0.8605898,0.97,0.8565863,0.98,0.8281718,0.98,0.8117386,0.03,0.8730327,0.98,0.8562759,0.98,0.8632535
,0.02,0.8639221,
0.02,0.9752719,0.02,0.9701037,0.97,0.8745317,0.97,0.8709262,0.98,0.8453557,0.98,0.8305649,0.98,0.8857304,0.98,0.8706503,0.98,0.8769274
,0.98,0.8775297,
0.04,0.9780179,0.02,0.9734254,0.97,0.8884737,0.97,0.8852687,0.98,0.8625371,0.98,0.8493911,0.98,0.898428,0.98,0.885022,0.98,0.8906015,0
.98,0.8911374,
0.05,0.9807665,0.02,0.976747,0.97,0.902413,0.98,0.8996113,0.98,0.8797185,0.98,0.8682174,0.98,0.911123,0.98,0.8993938,0.98,0.9042754,0.
98,0.904745,
0.96,0.9835124,0.02,0.9800687,0.97,0.916355,0.98,0.9139512,0.98,0.8969025,0.98,0.8870437,0.98,0.9238207,0.98,0.9137655,0.98,0.9179494,
0.98,0.9183527,
0.96,0.986261,0.02,0.9833904,0.98,0.9302942,0.98,0.9282911,0.98,0.9140865,0.99,0.9058673,0.98,0.9365157,0.99,0.9281372,0.99,0.9316261,
0.99,0.9319603,
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,0.945568,
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,0.99,0.9591757,
0.96,0.9945042,0.04,0.9933553,0.98,0.9721174,0.98,0.9713162,0.98,0.9656333,0.99,0.9623461,0.99,0.974606,0.99,0.9712552,0.99,0.9726507,
0.99,0.9727833,
0.98,0.9972501,0.97,0.996677,0.98,0.9860567,0.98,0.9856561,0.99,0.9828173,0.99,0.9811724,0.99,0.987301,0.99,0.9856269,0.99,0.9863247,0
.99,0.986391,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.041335E-03,0,2.710124E-03,0,5.278308E-03,0,0.1939629,0,0.2541269,0,0.2715895,0,1.531227E-02,0,1.160326E-02,0,2.060251E-
02,0,2.424254E-02,
0.98,0.1009379,0.02,0.1024395,0.03,0.1047503,0.03,0.2745662,0.03,0.328713,0.02,0.3444299,0.01,0.1137814,0.02,0.1104439,0.01,0.1185411,
0.01,0.1218176,

0.98,0.1508848,0.02,0.1523042,0.03,0.1544877,0.03,0.3148692,0.03,0.3660074,0.03,0.3808514,0.02,0.1630147,0.02,0.1598628,0.01,0.1675117
,0.01,0.1706052,
0.99,0.2008317,0.99,0.2021689,0.04,0.2042224,0.03,0.3551695,0.04,0.4033018,0.04,0.4172702,0.02,0.2122506,0.02,0.2092818,0.01,0.2164823
,0.01,0.2193927,
0.99,0.2507813,0.99,0.2520309,0.98,0.2539571,0.04,0.3954725,0.98,0.4405961,0.98,0.4536918,0.02,0.2614839,0.99,0.2587008,0.02,0.2654502
,0.02,0.2681829,
0.99,0.3007283,0.99,0.3018956,0.98,0.3036944,0.98,0.4357728,0.99,0.4778879,0.99,0.4901133,0.99,0.3107171,0.99,0.3081224,0.99,0.3144208
,0.99,0.3169704,
0.99,0.3506752,0.99,0.3517603,0.99,0.3534318,0.99,0.4760758,0.99,0.5151823,0.99,0.5265322,0.99,0.359953,0.99,0.3575414,0.99,0.3633914,
0.99,0.365758,
0.99,0.4006248,0.99,0.401625,0.99,0.4031664,0.99,0.5163761,0.99,0.5524766,0.99,0.5629537,0.99,0.4091863,0.99,0.4069604,0.99,0.412362,0
.99,0.4145455,
0.99,0.4505717,0.99,0.4514897,0.99,0.4529012,0.99,0.5566791,0.99,0.5897684,0.99,0.5993726,0.99,0.4584222,0.99,0.456382,0.99,0.46133,0.
99,0.4633331,
0.99,0.5005187,0.99,0.5013544,0.99,0.5026385,0.99,0.5969794,0.99,0.6270628,0.99,0.635794,0.99,0.5076554,0.99,0.505801,0.99,0.5103006,1
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0.99,0.5504683,0.99,0.5512191,0.99,0.5523759,0.99,0.6372824,0.99,0.6643572,0.99,0.6722156,0.99,0.5568888,0.99,0.5552199,0.99,0.5592712
,1,0.5609081,
0.99,0.6004152,0.99,0.6010838,0.99,0.6021105,0.99,0.6775854,0.99,0.7016489,0.99,0.7086344,0.99,0.6061246,0.99,0.6046416,1,0.6082392,1,
0.6096957,
0.99,0.6503648,0.99,0.6509485,0.99,0.6518452,0.99,0.7178857,0.99,0.7389433,0.99,0.745056,1,0.6553579,0.99,0.6540605,1,0.6572098,1,0.65
84832,
0.99,0.7003117,0.99,0.7008132,0.99,0.7015826,0.99,0.7581887,0.99,0.7762377,0.99,0.7814748,1,0.7045938,1,0.7034795,1,0.7061803,1,0.7072
708,
0.99,0.7502587,0.99,0.7506779,0.99,0.7513199,0.99,0.7984891,0.99,0.8135294,0.99,0.8178964,1,0.7538271,1,0.7529011,1,0.755151,1,0.75605
83,
1,0.8002083,1,0.8005399,0.99,0.8010546,0.99,0.838792,0.99,0.8508238,0.99,0.8543179,1,0.8030604,1,0.8023201,1,0.8041189,1,0.8048485,
1,0.8501552,1,0.8504046,0.99,0.8507893,0.99,0.8790924,0.99,0.8881181,0.99,0.8907368,1,0.8522962,1,0.8517391,1,0.8530895,1,0.853636,
1,0.9001021,1,0.9002693,0.99,0.9005266,0.99,0.9193954,0.99,0.9254125,0.99,0.9271583,1,0.9015295,1,0.9011581,1,0.9020601,1,0.9024236,
1,0.9500517,1,0.950134,0.99,0.950264,0.99,0.9596957,0.99,0.9627043,0.99,0.9635772,1,0.9507654,1,0.9505797,1,0.951028,1,0.9512112,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.945048,0,0.9157898,0,0.7211835,0,0.7131739,0,0.6563448,0,0.6234785,0,0.7452125,0,0.7125557,0,0.7265056,0,0.7278454,
0.02,0.9505426,0.02,0.9242107,0.02,0.7490648,0.02,0.7418563,0.01,0.6907102,0.01,0.661131,0.01,0.7706901,0.01,0.7412992,0.01,0.7538562,
0.01,0.7550607,
0.02,0.9532912,0.02,0.9284211,0.02,0.7630067,0.02,0.7561963,0.01,0.7078943,0.01,0.6799573,0.01,0.7834302,0.01,0.755671,0.01,0.7675303,
0.01,0.7686684,
0.02,0.9560371,0.02,0.9326316,0.02,0.776946,0.02,0.7705389,0.01,0.7250756,0.01,0.6987836,0.01,0.7961703,0.01,0.7700453,0.01,0.7812042,
0.01,0.7822761,
0.02,0.9587857,0.02,0.936842,0.02,0.790888,0.02,0.7848814,0.02,0.742257,0.01,0.7176098,0.01,0.8089077,0.01,0.7844171,0.01,0.7948782,0.
01,0.7958837,

0.03,0.9615343,0.02,0.9410525,0.04,0.8048273,0.03,0.7992213,0.02,0.759441,0.01,0.7364334,0.02,0.8216478,0.01,0.7987888,0.01,0.8085522,
0.01,0.8094914,
0.04,0.9642802,0.04,0.9452629,0.04,0.8187692,0.04,0.8135613,0.03,0.776625,0.02,0.7552598,0.03,0.834388,0.02,0.8131606,0.02,0.8222288,0
.02,0.8230991,
0.96,0.9670288,0.97,0.9494734,0.96,0.8327085,0.97,0.8279038,0.98,0.7938064,0.98,0.774086,0.98,0.847128,0.98,0.8275324,0.98,0.8359029,0
.98,0.8367068,
0.96,0.9697748,0.97,0.9536838,0.96,0.8466505,0.97,0.8422464,0.98,0.8109878,0.98,0.7929123,0.98,0.8598655,0.98,0.8419041,0.98,0.8495768
,0.98,0.8503144,
0.96,0.9725233,0.97,0.9578943,0.97,0.8605898,0.97,0.8565863,0.98,0.8281718,0.98,0.8117386,0.98,0.8726056,0.98,0.8562759,0.98,0.8632535
,0.98,0.8639221,
0.96,0.9752719,0.97,0.9621047,0.97,0.8745317,0.97,0.8709262,0.98,0.8453557,0.98,0.8305649,0.98,0.8853457,0.98,0.8706503,0.98,0.8769274
,0.98,0.8775297,
0.96,0.9780179,0.97,0.9663152,0.97,0.8884737,0.97,0.8852687,0.98,0.8625371,0.98,0.8493911,0.98,0.8980832,0.98,0.885022,0.98,0.8906015,
0.98,0.8911374,
0.97,0.9807665,0.97,0.9705256,0.97,0.902413,0.98,0.8996113,0.98,0.8797185,0.98,0.8682174,0.98,0.9108232,0.98,0.8993938,0.98,0.9042754,
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.99,0.9183527,
0.97,0.986261,0.98,0.9789464,0.98,0.9302942,0.98,0.9282911,0.98,0.9140865,0.99,0.9058673,0.98,0.9363034,0.99,0.9281372,0.99,0.9316261,
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9,0.945568,
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0.99,0.9591757,
0.98,0.9945042,0.98,0.9915778,0.98,0.9721174,0.98,0.9713162,0.98,0.9656333,0.99,0.9623461,0.99,0.9745211,0.99,0.9712552,0.99,0.9726507
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0.98,0.9972501,0.98,0.9957882,0.98,0.9860567,0.98,0.9856561,0.99,0.9828173,0.99,0.9811724,0.99,0.9872586,0.99,0.9856269,0.99,0.9863247
,0.99,0.986391,
0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,6.765361E-05,0,1.818688E-03,0,0.4009511,0,0.5952656,0,0.5967035,0,0
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0.62,0.150057,0.09,0.1515454,0.13,0.4908084,0.04,0.6559761,0.02,0.6571991,0,0.1499987
1,0.2000544,0.29,0.2014552,0.24,0.5207617,0.05,0.6762111,0.02,0.6773626,0,0.1999987
1,0.2500517,0.5,0.2513624,0.24,0.5507123,0.12,0.6964489,0.06,0.697526,0,0.2499987
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1,0.4000411,0.66,0.4010918,0.69,0.6405696,0.23,0.7571594,0.23,0.7580216,0,0.3999987
1,0.4500358,0.68,0.4509989,0.83,0.6705229,0.23,0.7773944,0.23,0.778185,0,0.4499987
1,0.5000331,0.75,0.5009087,0.94,0.7004762,0.34,0.7976321,0.23,0.7983511,0,0.4999987
1,0.5500305,0.8,0.5508185,0.95,0.7304269,0.44,0.8178698,0.33,0.8185172,0,0.5499987
1,0.6000252,0.99,0.6007256,0.95,0.7603802,0.51,0.8381049,0.41,0.8386806,0,0.5999987
1,0.6500226,0.99,0.6506354,0.95,0.7903308,0.66,0.8583426,0.51,0.858844,0,0.6499987
1,0.7000199,0.99,0.7005452,0.95,0.8202841,0.72,0.8785777,0.66,0.8790101,0,0.6999987
1,0.7500146,0.99,0.750455,0.95,0.8502374,0.82,0.8988154,0.82,0.8991762,0,0.7499987
1,0.8000119,0.99,0.8003622,0.95,0.8801881,0.94,0.9190531,0.91,0.9193397,0,0.7999987
1,0.8500093,0.99,0.8502719,0.95,0.9101414,0.94,0.9392882,0.94,0.9395031,0,0.8499987
1,0.9000067,0.99,0.9001817,0.96,0.9400947,0.94,0.9595259,0.94,0.9596692,0,0.8999987
1,0.9500013,0.99,0.9500889,0.98,0.9700454,0.94,0.9797609,0.94,0.9798353,0,0.9499987
1,0.9999987,0.99,0.9999987,0.99,0.9999987,0.96,0.9999987,0.96,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.98567, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,3.180773, %
Acceptable Depth in Reach,1,8.699701, %

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Optimum Depth & Velocity in Reach,1,1.566641, %
Acceptable Depth & Velocity in Reach,1,3.180773, %
Optimum Velocity in Reach,2,99.94535, %
Acceptable Velocity in Reach,2,99.99682, %
Optimum Depth in Reach,2,6.777017, %
Acceptable Depth in Reach,2,17.11128, %
Optimum Depth & Velocity in Reach,2,1.308232, %
Acceptable Depth & Velocity in Reach,2,4.762006, %
Optimum Velocity in Reach,3,99.82808, %
Acceptable Velocity in Reach,3,99.99522, %
Optimum Depth in Reach,3,32.89283, %
Acceptable Depth in Reach,3,52.95168, %
Optimum Depth & Velocity in Reach,3,32.02581, %
Acceptable Depth & Velocity in Reach,3,32.89283, %
Optimum Velocity in Reach,4,83.68093, %
Acceptable Velocity in Reach,4,99.99628, %
Optimum Depth in Reach,4,33.82513, %
Acceptable Depth in Reach,4,53.91581, %
Optimum Depth & Velocity in Reach,4,33.26161, %
Acceptable Depth & Velocity in Reach,4,33.82513, %
Optimum Velocity in Reach,5,78.747, %
Acceptable Velocity in Reach,5,99.99682, %
Optimum Depth in Reach,5,39.94418, %
Acceptable Depth in Reach,5,60.23331, %
Optimum Depth & Velocity in Reach,5,39.94418, %
Acceptable Depth & Velocity in Reach,5,39.94418, %
Optimum Velocity in Reach,6,76.91107, %
Acceptable Velocity in Reach,6,99.99814, %
Optimum Depth in Reach,6,43.01591, %
Acceptable Depth in Reach,6,63.36288, %
Optimum Depth & Velocity in Reach,6,43.01591, %
Acceptable Depth & Velocity in Reach,6,43.01591, %
Optimum Velocity in Reach,7,99.6551, %
Acceptable Velocity in Reach,7,99.99364, %
Optimum Depth in Reach,7,28.46273, %
Acceptable Depth in Reach,7,48.81288, %
Optimum Depth & Velocity in Reach,7,7.486979, %
Acceptable Depth & Velocity in Reach,7,28.40967, %
Optimum Velocity in Reach,8,99.72169, %
Acceptable Velocity in Reach,8,99.99416, %
Optimum Depth in Reach,8,32.44101, %
Acceptable Depth in Reach,8,52.90499, %
Optimum Depth & Velocity in Reach,8,25.42788, %
Acceptable Depth & Velocity in Reach,8,32.44101, %
Optimum Velocity in Reach,9,99.6429, %
Acceptable Velocity in Reach,9,99.9931, %
Optimum Depth in Reach,9,30.03494, %
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Acceptable Depth in Reach,9,50.55038, %
Optimum Depth & Velocity in Reach,9,10.50804, %
Acceptable Depth & Velocity in Reach,9,30.03494, %
Optimum Velocity in Reach,10,99.63653, %
Acceptable Velocity in Reach,10,99.9931, %
Optimum Depth in Reach,10,29.20851, %
Acceptable Depth in Reach,10,49.75472, %
Optimum Depth & Velocity in Reach,10,9.093152, %
Acceptable Depth & Velocity in Reach,10,29.20851, %
Optimum Velocity in Stream,93.77544, %
Acceptable Velocity in Stream,99.99567, %
Optimum Depth in Stream,27.9783, %
Acceptable Depth in Stream,45.82976, %
Optimum Depth & Velocity in Stream,20.36384, %
Acceptable Depth & Velocity in Stream,27.7715, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.89547, %
Acceptable Velocity in Reach,1,99.99841, %
Optimum Depth in Reach,1,5.49505, %
Acceptable Depth in Reach,1,10.40324, %
Optimum Depth & Velocity in Reach,1,3.034323, %
Acceptable Depth & Velocity in Reach,1,5.49505, %
Optimum Velocity in Reach,2,99.72859, %
Acceptable Velocity in Reach,2,99.99416, %
Optimum Depth in Reach,2,8.420863, %
Acceptable Depth in Reach,2,16.45862, %
Optimum Depth & Velocity in Reach,2,1.716805, %
Acceptable Depth & Velocity in Reach,2,6.643567, %
Optimum Velocity in Reach,3,99.47177, %
Acceptable Velocity in Reach,3,99.98992, %
Optimum Depth in Reach,3,27.88144, %
Acceptable Depth in Reach,3,48.23716, %
Optimum Depth & Velocity in Reach,3,26.82286, %
Acceptable Depth & Velocity in Reach,3,27.88144, %
Optimum Velocity in Reach,4,80.60336, %
Acceptable Velocity in Reach,4,99.9931, %
Optimum Depth in Reach,4,28.6824, %
Acceptable Depth in Reach,4,49.19174, %
Optimum Depth & Velocity in Reach,4,27.96316, %
Acceptable Depth & Velocity in Reach,4,28.6824, %
Optimum Velocity in Reach,5,74.58698, %
Acceptable Velocity in Reach,5,99.9931, %
Optimum Depth in Reach,5,34.36529, %
Acceptable Depth in Reach,5,55.38588, %

```
Optimum Depth & Velocity in Reach,5,34.36529, %
Acceptable Depth & Velocity in Reach,5,34.36529, %
Optimum Velocity in Reach,6,72.84073, %
Acceptable Velocity in Reach,6,99.99522, %
Optimum Depth in Reach,6,37.65192, %
Acceptable Depth in Reach,6,58.63855, %
Optimum Depth & Velocity in Reach,6,37.65192, %
Acceptable Depth & Velocity in Reach,6,37.65192, %
Optimum Velocity in Reach,7,99.12502, %
Acceptable Velocity in Reach,7,99.98116, %
Optimum Depth in Reach,7,25.47855, %
Acceptable Depth in Reach,7,45.09247, %
Optimum Depth & Velocity in Reach,7,6.496852, %
Acceptable Depth & Velocity in Reach,7,25.39285, %
Optimum Velocity in Reach,8,99.24493, %
Acceptable Velocity in Reach,8,99.98647, %
Optimum Depth in Reach,8,28.74422, %
Acceptable Depth in Reach,8,49.16707, %
Optimum Depth & Velocity in Reach,8,21.75814, %
Acceptable Depth & Velocity in Reach,8,28.74422, %
Optimum Velocity in Reach,9,99.10432, %
Acceptable Velocity in Reach,9,99.98382, %
Optimum Depth in Reach,9,27.34923, %
Acceptable Depth in Reach,9,47.53649, %
Optimum Depth & Velocity in Reach,9,9.213602, %
Acceptable Depth & Velocity in Reach,9,27.34923, %
Optimum Velocity in Reach,10,99.07912, %
Acceptable Velocity in Reach,10,99.98302, %
Optimum Depth in Reach,10,27.21525, %
Acceptable Depth in Reach,10,47.35183, %
Optimum Depth & Velocity in Reach,10,8.174657, %
Acceptable Depth & Velocity in Reach,10,27.21525, %
Optimum Velocity in Stream,92.36803, %
Acceptable Velocity in Stream,99.98984, %
Optimum Depth in Stream,25.12842, %
Acceptable Depth in Stream,42.74631, %
Optimum Depth & Velocity in Stream,17.71976, %
Acceptable Depth & Velocity in Stream,24.94212, %
```

Stream Health Run 6

Run Date,6/11/2002
Run Time,7:10:04 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\LowDensityNoRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Central Stoneroller.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8622,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,2.5366,Index,1
90-10 Range ,94.98965,Index,3
Number of Storms 3x Median,10512,Index,5
Number of High Flow Events,792,Index,1
High Flow Duration (hrs) ,33096,Index,1
Number of Low Flow Events ,90,Index,1
Low Flow Duration (hrs) ,12314,Index,1
Overall Index,1.777778
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,1.459196E-05,0,3.051045E-05,0,2.25512E-05,0,1.193887E-05,0,1.193887E-05,0,5.173511E-05,0,3.84697E-05,0,4.908203E-05,0,6.062294E-04,
1,0.1000013,1,0.1000119,1,0.1000279,1,0.1000199,1,0.1000093,1,0.1000093,1,0.1000464,1,0.1000358,1,0.1000438,1,0.1005452,
1,0.1500013,1,0.1500119,1,0.1500252,1,0.1500199,1,0.1500093,1,0.1500093,1,0.1500438,1,0.1500332,1,0.1500411,1,0.150516,
1,0.2000013,1,0.2000119,1,0.2000252,1,0.2000172,1,0.2000093,1,0.2000093,1,0.2000411,1,0.2000305,1,0.2000385,1,0.2004842,
1,0.2500013,1,0.2500093,1,0.2500226,1,0.2500173,1,0.2500093,1,0.2500093,1,0.2500385,1,0.2500279,1,0.2500358,1,0.250455,
1,0.3000013,1,0.3000093,1,0.3000199,1,0.3000146,1,0.3000093,1,0.3000093,1,0.3000358,1,0.3000252,1,0.3000332,1,0.3004232,

1,0.3500013,1,0.3500093,1,0.3500199,1,0.3500146,1,0.3500066,1,0.3500066,1,0.3500332,1,0.3500252,1,0.3500305,1,0.350394,
1,0.4000013,1,0.4000093,1,0.4000172,1,0.4000119,1,0.4000066,1,0.4000066,1,0.4000305,1,0.4000225,1,0.4000279,1,0.4003621,
1,0.4500013,1,0.4500066,1,0.4500172,1,0.4500119,1,0.4500066,1,0.4500066,1,0.4500279,1,0.4500199,1,0.4500252,1,0.450333,
1,0.4999987,1,0.5000066,1,0.5000146,1,0.5000093,1,0.500004,1,0.500004,1,0.5000252,1,0.5000199,1,0.5000252,1,0.5003011,
1,0.5499987,1,0.5500066,1,0.5500119,1,0.5500093,1,0.550004,1,0.550004,1,0.5500225,1,0.5500172,1,0.5500225,1,0.5502719,
1,0.5999987,1,0.600004,1,0.6000119,1,0.6000093,1,0.600004,1,0.600004,1,0.6000199,1,0.6000146,1,0.6000199,1,0.6002427,
1,0.6499987,1,0.650004,1,0.6500093,1,0.6500067,1,0.650004,1,0.650004,1,0.6500173,1,0.650012,1,0.6500173,1,0.6502109,
1,0.6999987,1,0.700004,1,0.7000093,1,0.7000066,1,0.700004,1,0.700004,1,0.7000146,1,0.7000093,1,0.7000146,1,0.7001817,
1,0.7499987,1,0.750004,1,0.7500066,1,0.750004,1,0.7500013,1,0.7500013,1,0.7500119,1,0.7500093,1,0.7500119,1,0.7501499,
1,0.7999987,1,0.8000013,1,0.800004,1,0.800004,1,0.8000013,1,0.8000013,1,0.8000093,1,0.8000066,1,0.8000093,1,0.8001207,
1,0.8499987,1,0.8500013,1,0.850004,1,0.8500013,1,0.8500013,1,0.8500013,1,0.8500066,1,0.850004,1,0.8500066,1,0.8500889,
1,0.8999987,1,0.9000013,1,0.9000013,1,0.9000013,1,0.8999987,1,0.8999987,1,0.900004,1,0.900004,1,0.900004,1,0.9000597,
1,0.9499987,1,0.9499987,1,0.9500013,1,0.9499987,1,0.9499987,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500279,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9129032,0,0.8287289,0,0.4695625,0,0.4597939,0,0.3961596,0,0.3644606,0,0.511131,0,0.469979,0,0.4936551,0,0.5016171,
0.97,0.9216133,0.98,0.8458546,0.97,0.5226056,0.98,0.5138133,0.98,0.4565438,0.99,0.4280152,0.98,0.5600167,0.99,0.5229797,0.99,0.5442892
,0.99,0.5514552,
0.97,0.925967,0.98,0.8544187,0.98,0.5491285,0.98,0.5408243,0.99,0.4867359,0.99,0.4597912,0.98,0.5844622,0.99,0.5494813,0.99,0.5696076,
0.99,0.5763756,
0.97,0.9303234,0.98,0.8629829,0.98,0.5756487,0.98,0.5678353,0.99,0.516928,0.99,0.4915672,0.99,0.6089051,0.99,0.575983,0.99,0.5949233,0
.99,0.6012934,
0.97,0.9346771,0.98,0.871547,0.98,0.6021715,0.98,0.5948464,0.99,0.5471201,0.99,0.5233458,0.99,0.6333479,0.99,0.6024846,0.99,0.6202417,
0.99,0.6262111,
0.97,0.9390308,0.98,0.8801112,0.98,0.6286944,0.98,0.6218548,0.99,0.5773122,0.99,0.5551218,0.99,0.6577908,0.99,0.6289862,0.99,0.6455574
,0.99,0.6511315,
0.98,0.9433872,0.98,0.8886726,0.98,0.6552146,0.98,0.6488658,0.99,0.6075042,0.99,0.5868977,0.99,0.6822336,0.99,0.6554853,0.99,0.6708758
,0.99,0.676052,
0.98,0.9477409,0.98,0.8972368,0.98,0.6817375,0.98,0.6758769,0.99,0.6376963,0.99,0.6186764,0.99,0.7066792,0.99,0.6819869,0.99,0.6961915
,0.99,0.7009697,
0.98,0.9520972,0.98,0.9058009,0.98,0.7082577,0.99,0.7028852,0.99,0.6678884,0.99,0.6504524,0.99,0.731122,0.99,0.7084885,0.99,0.7215099,
0.99,0.7258875,
0.98,0.956451,0.98,0.9143625,0.98,0.7347806,0.99,0.7298962,0.99,0.6980779,0.99,0.6822283,0.99,0.7555649,0.99,0.7349876,0.99,0.7468256,
0.99,0.7508079,
0.98,0.9608047,0.98,0.9229266,0.98,0.7613035,0.99,0.7569073,0.99,0.7282699,0.99,0.714007,0.99,0.7800077,0.99,0.7614892,0.99,0.772144,0
.99,0.7757283,
0.98,0.965161,0.98,0.9314908,0.99,0.7878237,0.99,0.7839157,0.99,0.758462,0.99,0.7457829,0.99,0.8044506,0.99,0.7879908,0.99,0.7974623,0
.99,0.800646,
0.98,0.9695147,0.98,0.9400549,0.99,0.8143466,0.99,0.8109267,0.99,0.7886541,0.99,0.7775615,0.99,0.828896,0.99,0.8144925,0.99,0.822778,0
.99,0.8255638,
0.98,0.9738711,0.98,0.9486191,0.99,0.8408667,0.99,0.8379378,0.99,0.8188462,0.99,0.8093375,0.99,0.8533389,0.99,0.8409941,0.99,0.8480964
,0.99,0.8504842,

0.98,0.9782248,0.99,0.9571806,0.99,0.8673896,0.99,0.8649461,0.99,0.8490382,0.99,0.8411135,0.99,0.8777817,0.99,0.8674931,0.99,0.8734121
,0.99,0.8754046,
0.98,0.9825785,0.99,0.9657447,0.99,0.8939125,0.99,0.8919572,0.99,0.8792303,0.99,0.8728921,0.99,0.9022246,0.99,0.8939947,0.99,0.8987305
,0.99,0.9003224,
0.99,0.9869349,0.99,0.9743088,0.99,0.9204327,0.99,0.9189682,0.99,0.9094224,0.99,0.9046681,0.99,0.9266675,0.99,0.9204964,0.99,0.9240462
,1,0.9252401,
0.99,0.9912886,0.99,0.9828704,0.99,0.9469556,0.99,0.9459792,1,0.9396145,1,0.936444,0.99,0.951113,0.99,0.9469954,0.99,0.9493646,1,0.950
1605,
0.99,0.995645,0.99,0.9914345,1,0.9734758,1,0.9729877,1,0.9698066,1,0.9682227,1,0.9755558,1,0.973497,1,0.9746803,1,0.9750809,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9994866,0,0,0,0.9795195,0,0.9762403,0,0.923436,0,0.9094357,0,0,0,0.9920686,0,0,0,0,
0.03,0.9995371,0,9.999868E-02,0.03,0.9815677,0.03,0.9786148,0.02,0.9310928,0.02,0.9184906,0,9.999868E-02,0.02,0.9928619,0,9.999868E-
02,0,9.999868E-02,
0.03,0.9995636,0,0.1499987,0.03,0.9825918,0.03,0.9798034,0.02,0.9349212,0.02,0.9230195,0,0.1499987,0.02,0.9932572,0,0.1499987,0,0.1499
987,
0.03,0.9995901,0,0.1999987,0.03,0.9836159,0.03,0.980992,0.02,0.9387496,0.02,0.9275483,0,0.1999987,0.02,0.9936551,0,0.1999987,0,0.19999
87,
0.03,0.999614,0,0.2499987,0.03,0.98464,0.03,0.9821806,0.02,0.9425753,0.03,0.9320771,0,0.2499987,0.02,0.9940504,0,0.2499987,0,0.2499987
,
0.03,0.9996405,0,0.2999987,0.03,0.9856641,0.03,0.9833692,0.03,0.9464037,0.04,0.9366059,0,0.2999987,0.02,0.9944484,0,0.2999987,0,0.2999
987,
0.03,0.999667,0,0.3499987,0.03,0.9866881,0.03,0.9845551,0.03,0.9502321,0.05,0.9411321,0,0.3499987,0.02,0.9948437,0,0.3499987,0,0.34999
87,
0.03,0.9996909,0,0.3999987,0.03,0.9877123,0.03,0.9857436,0.03,0.9540606,0.96,0.9456609,0,0.3999987,0.02,0.9952417,0,0.3999987,0,0.3999
987,
0.03,0.9997175,0,0.4499987,0.03,0.9887363,0.03,0.9869322,0.03,0.957889,0.96,0.9501897,0,0.4499987,0.02,0.995637,0,0.4499987,0,0.449998
7,
0.03,0.999744,0,0.4999987,0.03,0.9897578,0.03,0.9881182,0.95,0.9617174,0.96,0.9547158,0,0.4999987,0.02,0.996035,0,0.4999987,0,0.499998
7,
0.03,0.9997678,0,0.5499987,0.03,0.9907818,0.03,0.9893067,0.95,0.9655457,0.96,0.9592447,0,0.5499987,0.02,0.9964303,0,0.5499987,0,0.5499
987,
0.03,0.9997944,0,0.5999987,0.03,0.991806,0.03,0.9904953,0.96,0.9693741,0.96,0.9637735,0,0.5999987,0.02,0.9968256,0,0.5999987,0,0.59999
87,
0.03,0.9998183,0,0.6499987,0.03,0.99283,0.03,0.9916839,0.96,0.9732025,0.96,0.9683023,0,0.6499987,0.02,0.9972236,0,0.6499987,0,0.649998
7,
0.03,0.9998448,0,0.6999987,0.03,0.9938541,0.03,0.9928725,0.96,0.9770309,0.96,0.9728311,0,0.6999987,0.02,0.9976189,0,0.6999987,0,0.6999
987,
0.03,0.9998713,0,0.7499987,0.03,0.9948782,0.03,0.9940584,0.96,0.9808593,0.97,0.9773573,0,0.7499987,0.02,0.9980168,0,0.7499987,0,0.7499
987,
0.03,0.9998952,0,0.7999987,0.03,0.9959023,0.03,0.995247,0.96,0.9846851,0.97,0.9818861,0,0.7999987,0.02,0.9984121,0,0.7999987,0,0.79999
87,

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0.03,0.9999722,0,0.9499987,0.03,0.9989746,0.03,0.9988101,0.97,0.9961703,0.98,0.9954699,0,0.9499987,0.02,0.9996034,0,0.9499987,0,0.9499987,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.989812E-05,0,5.43882E-05,0,8.622519E-05,0,7.295978E-05,0,6.234745E-05,0,4.642895E-05,0,4.768916E-03,0,3.161148E-03,0,6.347501E-03,0,7.201794E-03,
0.99,0.1000172,0.03,0.1000491,0.04,0.1000783,0.03,0.100065,0.04,0.100057,0.04,0.1000411,0.02,0.1042914,0.02,0.1028454,0.01,0.1057134,0.01,0.1064828,
0.99,0.1500172,0.03,0.1500464,0.04,0.150073,0.04,0.1500624,0.99,0.1500517,0.99,0.1500385,0.02,0.1540526,0.02,0.1526863,0.02,0.155395,0.02,0.156122,
0.99,0.2000146,0.99,0.2000438,0.05,0.2000677,0.04,0.200057,0.99,0.2000491,0.99,0.2000358,0.02,0.2038138,0.02,0.2025297,0.02,0.2050767,0.02,0.2057612,
0.99,0.2500146,1,0.2500411,0.99,0.250065,0.99,0.2500544,0.99,0.2500464,0.99,0.2500358,0.02,0.253575,0.99,0.2523705,0.02,0.254761,0.02,0.2554004,
0.99,0.3000146,1,0.3000385,0.99,0.3000597,0.99,0.3000517,0.99,0.3000438,0.99,0.3000332,0.99,0.3033389,1,0.3022113,1,0.3044426,1,0.3050395,
0.99,0.3500119,1,0.3500358,0.99,0.3500544,0.99,0.3500464,0.99,0.3500411,0.99,0.3500305,1,0.3531001,1,0.3520548,1,0.3541242,1,0.3546814,
0.99,0.4000119,1,0.4000332,0.99,0.4000517,0.99,0.4000438,0.99,0.4000358,0.99,0.4000279,1,0.4028614,1,0.4018956,1,0.4038085,1,0.4043205,
0.99,0.4500093,1,0.4500305,0.99,0.4500464,0.99,0.4500385,0.99,0.4500332,0.99,0.4500252,1,0.4526226,1,0.4517391,1,0.4534901,1,0.4539597,
0.99,0.5000093,1,0.5000252,0.99,0.5000411,0.99,0.5000358,0.99,0.5000305,0.99,0.5000225,1,0.5023838,1,0.5015799,1,0.5031717,1,0.5036016,
1,0.5500093,1,0.5500225,0.99,0.5500385,0.99,0.5500332,0.99,0.5500278,0.99,0.5500199,1,0.552145,1,0.5514207,1,0.552856,1,0.5532407,
1,0.6000066,1,0.6000199,0.99,0.6000332,0.99,0.6000279,0.99,0.6000252,0.99,0.6000172,1,0.6019062,1,0.6012642,1,0.6025377,1,0.6028799,
1,0.6500067,1,0.6500173,0.99,0.6500305,1,0.6500252,0.99,0.6500199,0.99,0.6500146,1,0.6516675,1,0.651105,1,0.652222,1,0.6525191,
1,0.700004,1,0.7000146,1,0.7000252,1,0.7000199,1,0.7000173,1,0.700012,1,0.7014287,1,0.7009485,1,0.7019036,1,0.7021583,
1,0.750004,1,0.7500119,1,0.7500199,1,0.7500172,1,0.7500146,1,0.7500093,1,0.7511926,1,0.7507893,1,0.7515852,1,0.7518001,
1,0.800004,1,0.8000093,1,0.8000172,1,0.8000146,1,0.8000119,1,0.8000093,1,0.8009538,1,0.8006301,1,0.8012695,1,0.8014393,
1,0.8500013,1,0.8500066,1,0.8500119,1,0.8500093,1,0.8500093,1,0.8500066,1,0.850715,1,0.8504736,1,0.8509511,1,0.8510785,
1,0.9000013,1,0.900004,1,0.9000067,1,0.9000067,1,0.900004,1,0.900004,1,0.9004762,1,0.9003144,1,0.9006327,1,0.9007203,
1,0.9499987,1,0.9500013,1,0.950004,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9502375,1,0.9501579,1,0.950317,1,0.9503595,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9969158,0,0.9925408,0,0.946218,0,0.9431537,0,0.9221201,0,0.9091359,0,0.9564059,0,0.946677,0,0.952397,0,0.9538297,
0.93,0.9972236,0.94,0.9932864,0.93,0.9515958,0.94,0.9488392,0.95,0.9299069,0.96,0.9182227,0.96,0.9607649,0.96,0.9520097,0.96,0.9571567,0.97,0.9584461,
0.93,0.9973775,0.94,0.9936604,0.93,0.954286,0.94,0.9516807,0.95,0.9338016,0.96,0.9227648,0.96,0.9629457,0.96,0.954676,0.96,0.9595365,0.97,0.9607543,
0.93,0.9975313,0.94,0.9940319,0.94,0.9569736,0.94,0.9545222,0.96,0.9376963,0.96,0.9273095,0.96,0.9651239,0.96,0.9573424,0.96,0.9619163,0.97,0.9630625,
0.93,0.9976852,0.94,0.994406,0.94,0.9596639,0.94,0.9573636,0.96,0.9415884,0.96,0.9318516,0.96,0.9673047,0.96,0.9600061,0.97,0.9642988,0.97,0.9653707,
0.93,0.9978417,0.94,0.9947774,0.94,0.9623514,0.95,0.9602078,0.96,0.9454831,0.96,0.9363937,0.96,0.9694829,0.96,0.9626725,0.97,0.9666786,0.97,0.9676815,
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0.95,0.998765,0.96,0.9970166,0.96,0.9784875,0.96,0.9772618,0.97,0.9688462,0.97,0.9636541,0.97,0.9825626,0.97,0.9786705,0.98,0.9809575,0.98,0.9815305,
0.95,0.9989189,0.96,0.9973881,0.96,0.9811751,0.96,0.9801032,0.97,0.9727409,0.97,0.9681962,0.97,0.9847408,0.97,0.9813369,0.98,0.9833373,0.98,0.9838387,
0.95,0.9990727,0.96,0.9977621,0.96,0.9838653,0.96,0.9829447,0.97,0.9766356,0.98,0.9727409,0.97,0.9869216,0.98,0.9840032,0.98,0.9857171,0.98,0.9861469,
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0.96,0.9993832,0.96,0.9985076,0.96,0.9892431,0.97,0.9886302,0.97,0.9844224,0.98,0.9818251,0.97,0.9912806,0.98,0.9893333,0.98,0.9904794,0.98,0.9907659,
0.96,0.9995371,0.96,0.9988791,0.96,0.9919307,0.97,0.9914716,0.97,0.9883171,0.98,0.9863698,0.97,0.9934588,0.98,0.9919996,0.98,0.9928592,0.98,0.9930741,
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0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,
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0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,1.459196E-05,0,8.622519E-05,0,0,0.3631314,0,0.9087061,0,0.9102847,0,0
1,0.1000119,0.04,0.1000783,0.24,0.4268187,0.13,0.9178354,0.01,0.9192547,0,9.999868E-02
1,0.1500119,0.27,0.150073,0.31,0.458661,0.13,0.9224013,0.01,0.9237411,0,0.1499987
1,0.2000119,0.29,0.2000677,0.52,0.4905059,0.23,0.9269646,0.01,0.9282275,0,0.1999987
1,0.2500093,0.57,0.250065,0.94,0.5223482,0.23,0.9315279,0.01,0.9327139,0,0.2499987
1,0.3000093,0.99,0.3000597,0.95,0.5541905,0.23,0.9360939,0.01,0.9372002,0,0.2999987
1,0.3500093,0.99,0.3500544,0.95,0.5860355,0.23,0.9406598,0.01,0.9416839,0,0.3499987
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1,0.4500066,1,0.4500464,0.95,0.6497228,0.45,0.9497864,0.13,0.9506567,0,0.4499987
1,0.5000066,1,0.5000411,0.95,0.681565,0.51,0.9543524,0.13,0.9551404,0,0.4999987
1,0.5500066,1,0.5500385,0.95,0.7134073,0.77,0.9589183,0.13,0.9596267,0,0.5499987
1,0.600004,1,0.6000332,0.95,0.7452523,0.92,0.9634817,0.23,0.9641131,0,0.5999987
1,0.650004,1,0.6500305,0.95,0.7770946,0.92,0.9680449,0.23,0.9685994,0,0.6499987
1,0.700004,1,0.7000252,0.95,0.8089396,0.93,0.9726109,0.23,0.9730858,0,0.6999987
1,0.750004,1,0.7500199,0.97,0.8407819,0.93,0.9771768,0.23,0.9775695,0,0.7499987
1,0.8000013,1,0.8000172,0.98,0.8726242,0.93,0.9817402,0.23,0.9820559,0,0.7999987
1,0.8500013,1,0.8500119,0.98,0.9044691,0.93,0.9863034,0.23,0.9865422,0,0.8499987
1,0.9000013,1,0.9000067,0.99,0.9363114,0.93,0.9908694,0.23,0.9910259,0,0.8999987

1,0.9499987,1,0.950004,1,0.9681564,0.94,0.9954354,0.23,0.9955123,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.98,0.9999987,0.28,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,2.520429E-05,0,4.377587E-05,0,3.84697E-05,0,3.051045E-05,0,2.785737E-05,0,8.091903E-05,0,5.969436E-05,0,8.357211E-
05,0,1.465828E-03,
1,0.1000013,1,0.1000226,1,0.1000385,1,0.1000358,1,0.1000279,1,0.1000252,0.04,0.100073,1,0.1000544,0.03,0.1000756,0.03,0.1013199,
1,0.1500013,1,0.1500199,1,0.1500358,1,0.1500332,1,0.1500252,1,0.1500226,1,0.1500677,1,0.1500517,1,0.1500703,1,0.1512456,
1,0.2000013,1,0.2000199,1,0.2000358,1,0.2000305,1,0.2000252,1,0.2000225,1,0.200065,1,0.2000464,1,0.2000677,1,0.2011713,
1,0.2500013,1,0.2500199,1,0.2500332,1,0.2500279,1,0.2500226,1,0.2500199,1,0.2500597,1,0.2500438,1,0.2500623,1,0.2510997,
1,0.3000013,1,0.3000172,1,0.3000305,1,0.3000252,1,0.3000199,1,0.3000199,1,0.3000571,1,0.3000411,1,0.3000571,1,0.3010254,
1,0.3500013,1,0.3500146,1,0.3500279,1,0.3500252,1,0.3500199,1,0.3500172,1,0.3500517,1,0.3500385,1,0.3500544,1,0.3509511,
1,0.4000013,1,0.4000146,1,0.4000252,1,0.4000225,1,0.4000172,1,0.4000172,1,0.4000491,1,0.4000358,1,0.4000491,1,0.4008795,
1,0.4500013,1,0.4500146,1,0.4500225,1,0.4500199,1,0.4500172,1,0.4500146,1,0.4500438,1,0.4500332,1,0.4500464,1,0.4508052,
1,0.4999987,1,0.5000119,1,0.5000199,1,0.5000199,1,0.5000146,1,0.5000146,1,0.5000411,1,0.5000305,1,0.5000411,1,0.5007309,
1,0.5499987,1,0.5500093,1,0.5500199,1,0.5500172,1,0.5500119,1,0.5500119,1,0.5500358,1,0.5500252,1,0.5500358,1,0.5506593,
1,0.5999987,1,0.6000093,1,0.6000172,1,0.6000146,1,0.6000119,1,0.6000093,1,0.6000305,1,0.6000226,1,0.6000332,1,0.600585,
1,0.6499987,1,0.6500093,1,0.6500146,1,0.650012,1,0.6500093,1,0.6500093,1,0.6500279,1,0.6500199,1,0.6500279,1,0.6505134,
1,0.6999987,1,0.7000066,1,0.700012,1,0.7000093,1,0.7000093,1,0.7000066,1,0.7000226,1,0.7000173,1,0.7000252,1,0.7004391,
1,0.7499987,1,0.750004,1,0.7500093,1,0.7500093,1,0.7500066,1,0.7500066,1,0.7500199,1,0.7500146,1,0.7500199,1,0.7503648,
1,0.7999987,1,0.800004,1,0.8000066,1,0.8000066,1,0.800004,1,0.800004,1,0.8000146,1,0.8000119,1,0.8000146,1,0.8002931,
1,0.8499987,1,0.850004,1,0.8500066,1,0.850004,1,0.850004,1,0.850004,1,0.8500119,1,0.8500066,1,0.8500119,1,0.8502189,
1,0.8999987,1,0.9000013,1,0.900004,1,0.900004,1,0.9000013,1,0.9000013,1,0.9000067,1,0.900004,1,0.9000067,1,0.9001446,
1,0.9499987,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.950004,1,0.9500013,1,0.950004,1,0.9500729,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.8946262,0,0.8253276,0,0.4847355,0,0.470048,0,0.4092951,0,0.3764128,0,0.5134366,0,0.4724597,0,0.4913788,0,0.4929441,
0.97,0.9051642,0.98,0.8427956,0.97,0.536261,0.98,0.5230433,0.98,0.468366,0.99,0.4387708,0.98,0.5620914,0.99,0.5252136,0.99,0.542241,0.
99,0.5436499,
0.97,0.9104332,0.98,0.8515295,0.98,0.5620251,0.98,0.5495397,0.99,0.4979001,0.99,0.4699499,0.98,0.5864202,0.99,0.5515905,0.99,0.5676709
,0.99,0.5690027,
0.97,0.9156996,0.98,0.8602608,0.98,0.5877892,0.98,0.5760387,0.99,0.5274369,0.99,0.5011289,0.99,0.6107489,0.99,0.5779675,0.99,0.5931033
,0.99,0.5943556,
0.98,0.9209687,0.98,0.8689948,0.98,0.6135506,0.98,0.602535,0.99,0.556971,0.99,0.5323079,0.99,0.6350777,0.99,0.6043444,0.99,0.6185331,0
.99,0.6197084,

0.98,0.9262376,0.98,0.8777287,0.98,0.6393147,0.98,0.629034,0.99,0.5865051,0.99,0.5634896,0.99,0.6594065,0.99,0.6307214,0.99,0.6439655,
0.99,0.6450613,
0.98,0.9315067,0.98,0.8864626,0.98,0.6650788,0.98,0.6555303,0.99,0.6160418,0.99,0.5946686,0.99,0.6837326,0.99,0.6570984,0.99,0.6693954
,0.99,0.6704141,
0.98,0.9367757,0.98,0.8951966,0.98,0.6908402,0.98,0.6820294,0.99,0.645576,0.99,0.6258476,0.99,0.7080614,0.99,0.6834753,0.99,0.6948278,
0.99,0.695767,
0.98,0.9420447,0.98,0.9039305,0.98,0.7166043,0.99,0.7085257,0.99,0.6751128,0.99,0.6570267,0.99,0.7323902,0.99,0.7098522,0.99,0.7202576
,0.99,0.7211199,
0.98,0.9473137,0.98,0.9126645,0.98,0.7423684,0.99,0.7350247,0.99,0.7046469,0.99,0.6882057,0.99,0.7567163,0.99,0.7362292,0.99,0.74569,0
.99,0.7464701,
0.98,0.9525801,0.98,0.9213958,0.98,0.7681298,0.99,0.761521,0.99,0.734181,0.99,0.7193847,0.99,0.781045,0.99,0.7626061,0.99,0.7711199,0.
99,0.7718229,
0.98,0.9578491,0.98,0.9301297,0.99,0.7938939,0.99,0.7880173,0.99,0.7637178,0.99,0.7505638,0.99,0.8053738,0.99,0.788983,0.99,0.7965497,
0.99,0.7971758,
0.98,0.9631182,0.99,0.9388637,0.99,0.8196554,0.99,0.8145164,0.99,0.7932519,0.99,0.7817428,0.99,0.8297026,0.99,0.81536,0.99,0.8219821,0
.99,0.8225287,
0.98,0.9683872,0.99,0.9475976,0.99,0.8454195,0.99,0.8410127,0.99,0.8227887,0.99,0.8129218,0.99,0.8540314,0.99,0.841737,0.99,0.8474119,
0.99,0.8478815,
0.99,0.9736562,0.99,0.9563316,0.99,0.8711835,0.99,0.8675117,0.99,0.8523228,0.99,0.8441035,0.99,0.8783575,0.99,0.8681139,0.99,0.8728444
,0.99,0.8732344,
0.99,0.9789252,0.99,0.9650655,0.99,0.896945,0.99,0.894008,0.99,0.8818569,0.99,0.8752825,0.99,0.9026862,0.99,0.8944909,0.99,0.8982742,0
.99,0.8985872,
0.99,0.9841916,0.99,0.9737968,0.99,0.922709,0.99,0.920507,0.99,0.9113936,1,0.9064616,0.99,0.927015,0.99,0.9208678,0.99,0.9237067,1,0.9
239401,
0.99,0.9894606,0.99,0.9825308,0.99,0.9484732,0.99,0.9470034,1,0.9409278,1,0.9376406,1,0.9513412,1,0.9472448,1,0.9491364,1,0.949293,
0.99,0.9947296,1,0.9912647,1,0.9742346,1,0.9735023,1,0.9704645,1,0.9688196,1,0.9756699,1,0.9736217,1,0.9745689,1,0.9746458,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9982105,0,0,0,0.9701144,0,0.9654025,0,0.9021238,0,0.8869163,0,0,0,0.9887098,0,0,0,0,
0.03,0.9983882,0,9.999868E-02,0.03,0.9731017,0.03,0.9688621,0.02,0.911911,0.02,0.8982238,0,9.999868E-02,0.02,0.9898373,0,9.999868E-
02,0,9.999868E-02,
0.03,0.9984785,0,0.1499987,0.03,0.9745981,0.03,0.9705919,0.02,0.916806,0.02,0.9038775,0,0.1499987,0.02,0.9904025,0,0.1499987,0,0.14999
87,
0.03,0.9985687,0,0.1999987,0.03,0.9760917,0.03,0.9723217,0.02,0.9216982,0.02,0.9095339,0,0.1999987,0.02,0.9909676,0,0.1999987,0,0.1999
987,
0.03,0.9986562,0,0.2499987,0.03,0.9775854,0.03,0.9740515,0.02,0.9265932,0.02,0.9151876,0,0.2499987,0.02,0.9915327,0,0.2499987,0,0.2499
987,
0.03,0.9987464,0,0.2999987,0.03,0.9790791,0.03,0.9757813,0.02,0.9314855,0.02,0.9208413,0,0.2999987,0.02,0.9920978,0,0.2999987,0,0.2999
987,
0.03,0.9988366,0,0.3499987,0.03,0.9805728,0.03,0.9775112,0.03,0.9363804,0.04,0.926495,0,0.3499987,0.02,0.9926602,0,0.3499987,0,0.34999
87,

0.03,0.9989268,0,0.3999987,0.03,0.9820691,0.03,0.979241,0.03,0.9412727,0.04,0.9321488,0,0.3999987,0.02,0.9932253,0,0.3999987,0,0.39999
87,
0.03,0.9990144,0,0.4499987,0.03,0.9835628,0.03,0.9809707,0.03,0.9461676,0.05,0.9378024,0,0.4499987,0.02,0.9937904,0,0.4499987,0,0.4499
987,
0.03,0.9991046,0,0.4999987,0.03,0.9850565,0.03,0.9827006,0.03,0.9510599,0.96,0.9434562,0,0.4999987,0.02,0.9943529,0,0.4999987,0,0.4999
987,
0.03,0.9991948,0,0.5499987,0.03,0.9865502,0.03,0.9844304,0.05,0.9559548,0.96,0.9491125,0,0.5499987,0.02,0.994918,0,0.5499987,0,0.54999
87,
0.03,0.9992824,0,0.5999987,0.03,0.9880439,0.03,0.9861602,0.95,0.9608498,0.96,0.9547663,0,0.5999987,0.02,0.9954831,0,0.5999987,0,0.5999
987,
0.03,0.9993725,0,0.6499987,0.03,0.9895402,0.03,0.98789,0.95,0.9657421,0.96,0.96042,0,0.6499987,0.02,0.9960482,0,0.6499987,0,0.6499987,
0.03,0.9994627,0,0.6999987,0.03,0.9910339,0.03,0.9896198,0.96,0.970637,0.96,0.9660737,0,0.6999987,0.02,0.9966133,0,0.6999987,0,0.69999
87,
0.03,0.999553,0,0.7499987,0.03,0.9925276,0.03,0.9913496,0.96,0.9755293,0.97,0.9717274,0,0.7499987,0.02,0.9971758,0,0.7499987,0,0.74999
87,
0.03,0.9996405,0,0.7999987,0.03,0.9940213,0.03,0.9930794,0.96,0.9804242,0.97,0.9773812,0,0.7999987,0.02,0.9977409,0,0.7999987,0,0.7999
987,
0.03,0.9997307,0,0.8499987,0.03,0.995515,0.03,0.9948093,0.96,0.9853165,0.98,0.9830375,0,0.8499987,0.02,0.998306,0,0.8499987,0,0.849998
7,
0.03,0.9998209,0,0.8999987,0.03,0.9970113,0.03,0.9965391,0.97,0.9902114,0.98,0.9886912,0,0.8999987,0.02,0.9988685,0,0.8999987,0,0.8999
987,
0.03,0.9999084,0,0.9499987,0.03,0.998505,0.03,0.9982688,0.97,0.9951037,0.98,0.9943449,0,0.9499987,0.02,0.9994336,0,0.9499987,0,0.94999
87,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999
987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,3.316353E-05,0,1.021437E-04,0,1.711238E-04,0,1.578584E-04,0,9.683752E-05,0,7.826595E-05,0,9.00589E-03,0,6.10607E-03,0,1.203571E-
02,0,0.0139592,
0.99,0.1000305,0.03,0.1000915,0.04,0.1001526,0.03,0.1001419,0.03,0.1000862,0.03,0.1000703,0.02,0.1081065,0.02,0.1054959,0.01,0.1108312
,0.01,0.1125637,
0.99,0.1500279,0.03,0.1500862,0.04,0.1501446,0.04,0.150134,0.04,0.1500809,0.99,0.1500677,0.02,0.1576555,0.02,0.1551908,0.02,0.160229,0
.01,0.1618659,
0.99,0.2000252,0.99,0.2000809,0.05,0.2001366,0.04,0.200126,0.99,0.2000783,0.99,0.2000623,0.02,0.2072044,0.02,0.2048856,0.02,0.2096294,
0.02,0.2111682,
0.99,0.2500252,1,0.2500756,0.99,0.2501287,0.99,0.2501181,0.99,0.250073,0.99,0.250057,0.02,0.2567534,0.99,0.2545779,0.02,0.2590271,0.02
,0.2604677,
0.99,0.3000225,1,0.3000703,0.99,0.3001207,0.99,0.3001101,0.99,0.3000677,0.99,0.3000544,0.99,0.3063024,1,0.3042728,1,0.3084249,1,0.3097
7,
0.99,0.3500199,1,0.350065,0.99,0.3501101,0.99,0.3501022,0.99,0.3500623,0.99,0.3500517,1,0.355854,1,0.3539677,1,0.3578226,1,0.3590722,
0.99,0.4000199,1,0.4000597,0.99,0.4001021,0.99,0.4000942,0.99,0.400057,0.99,0.4000464,1,0.405403,1,0.4036626,1,0.4072204,1,0.4083745,
0.99,0.4500172,1,0.4500544,0.99,0.4500942,0.99,0.4500862,0.99,0.4500517,0.99,0.4500411,1,0.454952,1,0.4533575,1,0.4566181,1,0.4576767,

0.99,0.5000146,1,0.5000517,0.99,0.5000836,0.99,0.5000783,0.99,0.5000464,0.99,0.5000384,1,0.5045036,1,0.5030524,1,0.5060158,1,0.5069789
,
1,0.5500146,1,0.5500464,0.99,0.5500756,0.99,0.5500703,0.99,0.5500438,0.99,0.5500358,1,0.5540526,1,0.5527472,1,0.5554163,1,0.5562811,
1,0.6000119,1,0.6000412,0.99,0.6000677,0.99,0.6000624,0.99,0.6000385,0.99,0.6000305,1,0.6036016,1,0.6024421,1,0.604814,1,0.6055834,
1,0.650012,1,0.6500358,0.99,0.6500597,1,0.6500544,0.99,0.6500332,0.99,0.6500252,1,0.6531506,1,0.652137,1,0.6542118,1,0.6548856,
1,0.7000093,1,0.7000305,1,0.7000517,1,0.7000464,1,0.7000279,1,0.7000226,1,0.7026995,1,0.7018319,1,0.7036095,1,0.7041879,
1,0.7500066,1,0.7500252,1,0.7500411,1,0.7500384,1,0.7500225,1,0.7500199,1,0.7522511,1,0.7515268,1,0.7530073,1,0.7534901,
1,0.8000066,1,0.8000199,1,0.8000332,1,0.8000305,1,0.8000172,1,0.8000146,1,0.8018001,1,0.8012191,1,0.802405,1,0.8027897,
1,0.850004,1,0.8500146,1,0.8500252,1,0.8500226,1,0.8500146,1,0.8500093,1,0.8513491,1,0.850914,1,0.8518054,1,0.852092,
1,0.9000013,1,0.9000093,1,0.9000146,1,0.9000146,1,0.9000093,1,0.9000067,1,0.9009007,1,0.9006089,1,0.9012032,1,0.9013942,
1,0.9500013,1,0.950004,1,0.9500066,1,0.9500066,1,0.950004,1,0.950004,1,0.9504497,1,0.9503038,1,0.9506009,1,0.9506964,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9901929,0,0.9817243,0,0.9247201,0,0.9204434,0,0.8990913,0,0.8859586,0,0.9338838,0,0.9227781,0,0.9294638,0,0.9306445,
0.92,0.9911745,0.93,0.9835522,0.1,0.9322469,0.09,0.9283999,0.07,0.909181,0.06,0.8973615,0.95,0.9404953,0.96,0.9305012,0.96,0.9365184,0
.97,0.9375796,
0.93,0.9916627,0.94,0.9844649,0.93,0.9360116,0.94,0.9323769,0.95,0.9142271,0.96,0.9030656,0.96,0.943801,0.96,0.9343614,0.96,0.9400443,
0.97,0.9410472,
0.93,0.9921535,0.94,0.9853802,0.93,0.9397764,0.94,0.9363539,0.96,0.9192733,0.96,0.9087671,0.96,0.9471068,0.96,0.9382216,0.96,0.9435703
,0.97,0.9445148,
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.98,0.9687905,
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,0.98,0.972258,
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,0.98,0.9757256,
0.95,0.9970564,0.96,0.9945174,0.96,0.9774156,0.96,0.9761316,0.97,0.969727,0.98,0.9657872,0.97,0.9801642,0.98,0.976832,0.98,0.9788377,0
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,0.98,0.9861283,
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,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,3.316353E-05,0,1.578584E-04,0,0.3710907,0,0.878912,0,0.8887629,0,0
0.57,0.1000305,0.04,0.1001419,0.24,0.433982,0.12,0.8910207,0.01,0.8998873,0,9.999868E-02
1,0.1500279,0.16,0.150134,0.37,0.4654264,0.13,0.897075,0.01,0.9054481,0,0.1499987

1,0.2000252,0.29,0.200126,0.65,0.4968733,0.23,0.9031293,0.01,0.911009,0,0.1999987
1,0.2500252,0.54,0.2501181,0.89,0.5283177,0.23,0.9091836,0.01,0.9165725,0,0.2499987
1,0.3000225,0.71,0.3001101,0.95,0.559762,0.25,0.915238,0.01,0.9221333,0,0.2999987
1,0.3500199,0.99,0.3501022,0.95,0.591209,0.37,0.9212923,0.01,0.9276942,0,0.3499987
1,0.4000199,0.99,0.4000942,0.95,0.6226534,0.44,0.9273466,0.01,0.9332577,0,0.3999987
1,0.4500172,1,0.4500862,0.95,0.6541004,0.52,0.933401,0.11,0.9388186,0,0.4499987
1,0.5000146,1,0.5000783,0.95,0.6855447,0.65,0.9394553,0.12,0.9443794,0,0.4999987
1,0.5500146,1,0.5500703,0.95,0.716989,0.74,0.9455097,0.13,0.9499429,0,0.5499987
1,0.6000119,1,0.6000624,0.95,0.748436,0.81,0.951564,0.13,0.9555038,0,0.5999987
1,0.650012,1,0.6500544,0.95,0.7798803,0.89,0.9576184,0.18,0.9610673,0,0.6499987
1,0.7000093,1,0.7000464,0.96,0.8113273,0.92,0.9636726,0.22,0.9666282,0,0.6999987
1,0.7500066,1,0.7500384,0.98,0.8427716,0.93,0.969727,0.23,0.9721891,0,0.7499987
1,0.8000066,1,0.8000305,0.98,0.874216,0.93,0.9757813,0.23,0.9777526,0,0.7999987
1,0.850004,1,0.8500226,0.99,0.905663,0.93,0.9818357,0.23,0.9833134,0,0.8499987
1,0.9000013,1,0.9000146,0.99,0.9371073,0.94,0.98789,0.23,0.9888743,0,0.8999987
1,0.9500013,1,0.9500066,1,0.9685543,0.95,0.9939443,0.24,0.9944378,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.98,0.9999987,0.31,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99761, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,0.3082874, %
Acceptable Depth in Reach,1,8.709517, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,5.120436E-02, %
Optimum Velocity in Reach,2,99.99416, %
Acceptable Velocity in Reach,2,99.99814, %
Optimum Depth in Reach,2,0.7457796, %
Acceptable Depth in Reach,2,17.12693, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.99098, %
Acceptable Velocity in Reach,3,99.99655, %
Optimum Depth in Reach,3,5.37805, %
Acceptable Depth in Reach,3,53.04348, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,2.047909, %
Optimum Velocity in Reach,4,99.9923, %
Acceptable Velocity in Reach,4,99.99734, %
Optimum Depth in Reach,4,5.684481, %
Acceptable Depth in Reach,4,54.02034, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,2.375829, %

Optimum Velocity in Reach,5,99.99336, %
Acceptable Velocity in Reach,5,99.99841, %
Optimum Depth in Reach,5,7.787838, %
Acceptable Depth in Reach,5,60.38374, %
Optimum Depth & Velocity in Reach,5,3.873491E-02, %
Acceptable Depth & Velocity in Reach,5,7.656246, %
Optimum Velocity in Reach,6,99.99496, %
Acceptable Velocity in Reach,6,99.99841, %
Optimum Depth in Reach,6,9.086254, %
Acceptable Depth in Reach,6,63.55364, %
Optimum Depth & Velocity in Reach,6,2.225135, %
Acceptable Depth & Velocity in Reach,6,9.056274, %
Optimum Velocity in Reach,7,99.98276, %
Acceptable Velocity in Reach,7,99.99443, %
Optimum Depth in Reach,7,4.359269, %
Acceptable Depth in Reach,7,48.88663, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.98806, %
Acceptable Velocity in Reach,8,99.99576, %
Optimum Depth in Reach,8,5.332152, %
Acceptable Depth in Reach,8,53.00182, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0.7930044, %
Optimum Velocity in Reach,9,99.98222, %
Acceptable Velocity in Reach,9,99.9947, %
Optimum Depth in Reach,9,4.760149, %
Acceptable Depth in Reach,9,50.63422, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.98222, %
Acceptable Velocity in Reach,10,99.99522, %
Optimum Depth in Reach,10,4.616883, %
Acceptable Depth in Reach,10,49.83803, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.98987, %
Acceptable Velocity in Stream,99.99684, %
Optimum Depth in Stream,4.805914, %
Acceptable Depth in Stream,45.91984, %
Optimum Depth & Velocity in Stream,0.226387, %
Acceptable Depth & Velocity in Stream,2.198047, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99628, %

```
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,0.9805769, %
Acceptable Depth in Reach,1,10.53722, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0.1788173, %
Optimum Velocity in Reach,2,99.98939, %
Acceptable Velocity in Reach,2,99.99708, %
Optimum Depth in Reach,2,1.827439, %
Acceptable Depth in Reach,2,17.46705, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.98249, %
Acceptable Velocity in Reach,3,99.99522, %
Optimum Depth in Reach,3,7.527837, %
Acceptable Depth in Reach,3,51.52618, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,2.988425, %
Optimum Velocity in Reach,4,99.98382, %
Acceptable Velocity in Reach,4,99.99576, %
Optimum Depth in Reach,4,7.955513, %
Acceptable Depth in Reach,4,52.99493, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,3.459611, %
Optimum Velocity in Reach,5,99.98992, %
Acceptable Velocity in Reach,5,99.99655, %
Optimum Depth in Reach,5,10.09071, %
Acceptable Depth in Reach,5,59.07021, %
Optimum Depth & Velocity in Reach,5,9.577604E-02, %
Acceptable Depth & Velocity in Reach,5,9.787462, %
Optimum Velocity in Reach,6,99.99178, %
Acceptable Velocity in Reach,6,99.99682, %
Optimum Depth in Reach,6,11.40398, %
Acceptable Depth in Reach,6,62.35843, %
Optimum Depth & Velocity in Reach,6,2.82473, %
Acceptable Depth & Velocity in Reach,6,11.3082, %
Optimum Velocity in Reach,7,99.96073, %
Acceptable Velocity in Reach,7,99.99152, %
Optimum Depth in Reach,7,6.611465, %
Acceptable Depth in Reach,7,48.65609, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.97453, %
Acceptable Velocity in Reach,8,99.99364, %
Optimum Depth in Reach,8,7.722043, %
Acceptable Depth in Reach,8,52.75376, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,1.128884, %
```

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Optimum Velocity in Reach,9,99.96339, %
Acceptable Velocity in Reach,9,99.99124, %
Optimum Depth in Reach,9,7.053468, %
Acceptable Depth in Reach,9,50.86185, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.96233, %
Acceptable Velocity in Reach,10,99.99204, %
Optimum Depth in Reach,10,6.935406, %
Acceptable Depth in Reach,10,50.70532, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.97947, %
Acceptable Velocity in Stream,99.99493, %
Optimum Depth in Stream,6.810844, %
Acceptable Depth in Stream,45.6931, %
Optimum Depth & Velocity in Stream,0.2920506, %
Acceptable Depth & Velocity in Stream,2.88514, %
```

Stream Health Run 8

Run Date,6/11/2002
Run Time,7:15:46 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\LowDensityNoRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Fantail Darter.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8622,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,2.5366,Index,1
90-10 Range ,94.98965,Index,3
Number of Storms 3x Median,10512,Index,5
Number of High Flow Events,792,Index,1
High Flow Duration (hrs) ,33096,Index,1
Number of Low Flow Events ,90,Index,1
Low Flow Duration (hrs) ,12314,Index,1
Overall Index,1.777778
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,2.785737E-05,0,4.377587E-05,0,3.316353E-05,0,2.785737E-05,0,1.459196E-05,0,5.969436E-05,0,5.43882E-05,0,7.786799E-04,0,1.489706E-03,
1,0.1000013,1,0.1000252,1,0.1000385,1,0.1000305,1,0.1000252,1,0.1000119,0.03,0.1000544,1,0.1000491,0.03,0.1007017,0.03,0.1013411,
1,0.1500013,1,0.1500226,1,0.1500358,1,0.1500279,1,0.1500226,1,0.1500119,1,0.1500517,1,0.1500464,1,0.1506619,1,0.1512668,
1,0.2000013,1,0.2000225,1,0.2000358,1,0.2000252,1,0.2000225,1,0.2000119,1,0.2000464,1,0.2000438,1,0.2006221,1,0.2011926,
1,0.2500013,1,0.2500199,1,0.2500332,1,0.2500252,1,0.2500199,1,0.2500093,1,0.2500438,1,0.2500411,1,0.2505823,1,0.2511183,
1,0.3000013,1,0.3000199,1,0.3000305,1,0.3000225,1,0.3000199,1,0.3000093,1,0.3000411,1,0.3000385,1,0.3005452,1,0.3010413,

1,0.3500013,1,0.3500172,1,0.3500279,1,0.3500199,1,0.3500172,1,0.3500093,1,0.3500385,1,0.3500358,1,0.3505054,1,0.350967,
1,0.4000013,1,0.4000172,1,0.4000252,1,0.4000199,1,0.4000172,1,0.4000093,1,0.4000358,1,0.4000332,1,0.4004656,1,0.4008928,
1,0.4500013,1,0.4500146,1,0.4500225,1,0.4500172,1,0.4500146,1,0.4500066,1,0.4500332,1,0.4500305,1,0.4504285,1,0.4508185,
1,0.4999987,1,0.5000146,1,0.5000199,1,0.5000146,1,0.5000146,1,0.5000066,1,0.5000305,1,0.5000252,1,0.5003887,1,0.5007442,
1,0.5499987,1,0.5500119,1,0.5500199,1,0.5500146,1,0.5500119,1,0.5500066,1,0.5500252,1,0.5500225,1,0.5503489,1,0.5506699,
1,0.5999987,1,0.6000093,1,0.6000172,1,0.6000119,1,0.6000093,1,0.600004,1,0.6000226,1,0.6000199,1,0.6003118,1,0.6005956,
1,0.6499987,1,0.6500093,1,0.6500146,1,0.650012,1,0.6500093,1,0.650004,1,0.6500199,1,0.6500173,1,0.650272,1,0.6505213,
1,0.6999987,1,0.7000066,1,0.700012,1,0.7000093,1,0.7000066,1,0.700004,1,0.7000173,1,0.7000146,1,0.7002321,1,0.700447,
1,0.7499987,1,0.7500066,1,0.7500093,1,0.7500066,1,0.7500066,1,0.750004,1,0.7500146,1,0.7500119,1,0.750195,1,0.7503701,
1,0.7999987,1,0.800004,1,0.8000066,1,0.8000066,1,0.800004,1,0.8000013,1,0.8000119,1,0.8000093,1,0.8001552,1,0.8002958,
1,0.8499987,1,0.850004,1,0.8500066,1,0.850004,1,0.850004,1,0.8500013,1,0.8500066,1,0.8500066,1,0.8501154,1,0.8502215,
1,0.8999987,1,0.9000013,1,0.900004,1,0.9000013,1,0.9000013,1,0.9000013,1,0.900004,1,0.900004,1,0.9000756,1,0.9001473,
1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500385,1,0.9500729,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9130014,0,0.8288854,0,0.4704805,0,0.4608392,0,0.397664,0,0.3663682,0,0.5118685,0,0.4709474,0,0.4944935,0,0.5024501,
0.97,0.9217009,0.97,0.8459978,0.06,0.5234333,0.04,0.5147551,0.03,0.4578969,0.03,0.4297318,0.04,0.5606827,0.03,0.5238525,0.03,0.5450427
,0.03,0.552206,
0.97,0.926052,0.98,0.8545514,0.97,0.5499085,0.98,0.5417131,0.98,0.4880147,0.03,0.4614122,0.98,0.5850884,0.98,0.5503064,0.99,0.5703186,
0.99,0.5770813,
0.97,0.9304004,0.98,0.8631076,0.97,0.5763836,0.98,0.568671,0.98,0.5181298,0.98,0.4930953,0.98,0.609494,0.99,0.5767577,0.99,0.5955946,0
.99,0.6019593,
0.97,0.9347514,0.98,0.8716637,0.98,0.6028587,0.98,0.595629,0.98,0.5482476,0.99,0.5247758,0.98,0.6338997,0.99,0.6032089,0.99,0.6208705,
0.99,0.6268373,
0.97,0.9390998,0.98,0.8802199,0.98,0.6293365,0.98,0.622587,0.99,0.5783654,0.99,0.5564563,0.99,0.6583081,0.99,0.6296628,0.99,0.6461464,
0.99,0.6517152,
0.97,0.9434509,0.98,0.8887761,0.98,0.6558116,0.98,0.649545,0.99,0.6084806,0.99,0.5881394,0.99,0.6827139,0.99,0.6561167,0.99,0.6714197,
0.99,0.6765932,
0.98,0.9477993,0.98,0.8973297,0.98,0.6822867,0.98,0.6765029,0.99,0.6385984,0.99,0.6198199,0.99,0.7071195,0.99,0.6825679,0.99,0.6966956
,0.99,0.7014685,
0.98,0.9521503,0.98,0.9058859,0.98,0.7087644,0.98,0.7034609,0.99,0.6687135,0.99,0.651503,0.99,0.7315279,0.99,0.7090192,0.99,0.7219715,
0.99,0.7263464,
0.98,0.9564987,0.98,0.9144421,0.98,0.7352396,0.98,0.7304189,0.99,0.6988313,0.99,0.6831834,0.99,0.7559336,0.99,0.735473,0.99,0.7472448,
0.99,0.7512244,
0.98,0.9608498,0.98,0.9229982,0.98,0.7617147,0.99,0.7573769,0.99,0.7289491,0.99,0.7148639,0.99,0.7803393,0.99,0.7619269,0.99,0.7725207
,0.99,0.7761024,
0.98,0.9652008,0.98,0.9315544,0.98,0.7881925,0.99,0.7843349,0.99,0.7590643,0.99,0.746547,0.99,0.8047477,0.99,0.7883782,0.99,0.7977966,
0.99,0.8009803,
0.98,0.9695492,0.98,0.940108,0.98,0.8146676,0.99,0.8112928,0.99,0.7891821,0.99,0.7782274,0.99,0.8291534,0.99,0.8148294,0.99,0.8230726,
0.99,0.8258556,
0.98,0.9739003,0.98,0.9486642,0.99,0.8411427,0.99,0.8382508,0.99,0.8192972,0.99,0.8099106,0.99,0.8535591,0.99,0.8412833,0.99,0.8483484
,0.99,0.8507336,

0.98,0.9782487,0.98,0.9572204,0.99,0.8676205,0.99,0.8652088,0.99,0.849415,0.99,0.8415911,0.99,0.8779675,0.99,0.8677372,0.99,0.8736217,
0.99,0.8756115,
0.98,0.9825997,0.99,0.9657766,0.99,0.8940955,0.99,0.8921668,0.99,0.8795328,0.99,0.8732715,0.99,0.9023732,0.99,0.8941884,0.99,0.8988976
,0.99,0.9004895,
0.99,0.9869481,0.99,0.9743327,0.99,0.9205707,0.99,0.9191247,0.99,0.9096479,0.99,0.9049546,0.99,0.9267789,0.99,0.9206396,0.99,0.9241736
,0.99,0.9253675,
0.99,0.9912992,0.99,0.9828863,0.99,0.9470458,0.99,0.9460827,0.99,0.9397658,0.99,0.9366351,0.99,0.9511846,0.99,0.9470935,0.99,0.9494469
,0.99,0.9502428,
0.99,0.9956476,0.99,0.9914425,0.99,0.9735236,0.99,0.9730407,0.99,0.9698809,0.99,0.9683182,0.99,0.975593,0.99,0.9735475,0.99,0.9747227,
1,0.9751207,
0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9523785,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7159013,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9571407,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7443104,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.02,0.9729611,0.02,0.9595206,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.7585151,0.01,0.7242505,0.01,0.7447005,
0.01,0.7517259,
0.02,0.9745529,0.02,0.961903,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.01,0.7727197,0.01,0.7404688,0.01,0.7597196,0.
01,0.7663311,
0.02,0.9761422,0.02,0.9642829,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.01,0.7869243,0.02,0.7566897,0.01,0.774736,
0.01,0.7809336,
0.02,0.977734,0.02,0.9666653,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.01,0.8011315,0.98,0.7729107,0.01,0.7897525,
0.01,0.7955388,
0.02,0.9793232,0.02,0.9690452,0.96,0.7861947,0.97,0.780135,0.98,0.74036,0.02,0.7203956,0.02,0.8153362,0.98,0.7891316,0.02,0.8047715,0.
02,0.8101441,
0.02,0.9809151,0.02,0.9714276,0.96,0.8026412,0.97,0.7970484,0.98,0.7603324,0.98,0.7419015,0.03,0.8295407,0.98,0.8053526,0.98,0.819788,
0.02,0.8247466,
0.03,0.9825042,0.02,0.9738075,0.97,0.8190876,0.97,0.8139592,0.98,0.7803048,0.98,0.76341,0.98,0.8437454,0.98,0.8215736,0.98,0.8348071,0
.98,0.8393518,
0.05,0.9840961,0.02,0.9761899,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.85795,0.98,0.8377945,0.98,0.8498236,0.
98,0.8539571,
0.96,0.9856853,0.02,0.9785697,0.97,0.8519805,0.97,0.847786,0.98,0.8202497,0.98,0.8064271,0.98,0.8721546,0.98,0.8540128,0.98,0.86484,0.
98,0.8685597,
0.96,0.9872745,0.02,0.9809495,0.97,0.868427,0.98,0.8646967,0.98,0.8402221,0.98,0.8279356,0.98,0.8863592,0.98,0.8702337,0.98,0.8798591,
0.98,0.8831649,
0.96,0.9888663,0.02,0.983332,0.97,0.8848734,0.98,0.8816102,0.98,0.8601944,0.98,0.8494415,0.98,0.9005638,0.98,0.8864547,0.98,0.8948756,
0.98,0.8977674,
0.96,0.9904555,0.02,0.9857118,0.97,0.9013199,0.98,0.8985236,0.98,0.8801669,0.99,0.87095,0.98,0.9147684,0.99,0.9026756,0.99,0.9098946,0
.99,0.9123726,
0.96,0.9920474,0.02,0.9880943,0.98,0.9177664,0.98,0.9154343,0.98,0.9001366,0.99,0.8924586,0.98,0.9289756,0.99,0.9188966,0.99,0.9249111
,0.99,0.9269779,

0.96,0.9936366,0.02,0.9904741,0.98,0.9342128,0.98,0.9323477,0.98,0.920109,0.99,0.9139671,0.98,0.9431803,0.99,0.9351175,0.99,0.9399276,
0.99,0.9415804,
0.96,0.9952284,0.04,0.9928566,0.98,0.9506593,0.98,0.9492611,0.98,0.9400815,0.99,0.9354757,0.99,0.9573849,0.99,0.9513358,0.99,0.9549467
,0.99,0.9561856,
0.98,0.9968176,0.04,0.9952364,0.98,0.9671057,0.98,0.9661745,0.98,0.9600539,0.99,0.9569816,0.99,0.9715894,0.99,0.9675568,0.99,0.9699631
,0.99,0.9707909,
0.98,0.9984095,0.97,0.9976189,0.98,0.9835522,0.98,0.9830853,0.99,0.9800262,0.99,0.9784901,0.99,0.9857941,0.99,0.9837777,0.99,0.9849823
,0.99,0.9853935,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.392869E-04,0,5.425555E-04,0,1.715218E-03,0,0.1631871,0,0.2125265,0,0.2308859,0,5.766476E-03,0,4.079115E-03,0,7.374244E-
03,0,8.249762E-03,
0.98,0.100126,0.02,0.1004868,0.03,0.1015428,0.03,0.246868,0.03,0.2912727,0.03,0.3077961,0.02,0.1051908,0.02,0.1036705,0.01,0.1066367,0
.01,0.1074247,
0.98,0.1501181,0.02,0.1504603,0.03,0.1514579,0.03,0.2887098,0.03,0.3306471,0.04,0.3462525,0.02,0.1549016,0.02,0.1534663,0.01,0.1562679
,0.01,0.1570134,
0.99,0.2001101,0.99,0.2004338,0.03,0.201373,0.03,0.3305489,0.04,0.3700215,0.98,0.384709,0.02,0.2046124,0.02,0.203262,0.01,0.2058991,0.
01,0.2065995,
0.99,0.2501048,0.99,0.2504072,0.98,0.2512854,0.04,0.3723907,0.98,0.4093959,0.99,0.4231654,0.02,0.2543232,0.03,0.2530603,0.02,0.2555304
,0.02,0.2561857,
0.99,0.3000968,0.99,0.3003807,0.98,0.3012005,0.98,0.4142298,0.99,0.4487676,0.99,0.4616192,0.02,0.3040367,0.99,0.3028561,0.02,0.3051616
,0.02,0.3057744,
0.99,0.3500889,0.99,0.3503515,0.98,0.3511156,0.99,0.4560716,0.99,0.488142,0.99,0.5000756,0.99,0.3537475,0.99,0.3526517,0.99,0.3547928,
0.99,0.3553632,
0.99,0.4000836,0.99,0.400325,0.99,0.4010281,0.99,0.4979107,0.99,0.5275164,0.99,0.5385321,0.99,0.4034583,0.99,0.4024475,0.99,0.404424,0
.99,0.4049493,
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,0.99,0.4545355,
0.99,0.5000677,0.99,0.5002693,0.99,0.5008582,0.99,0.5815916,0.99,0.6062626,0.99,0.6154423,0.99,0.5028826,0.99,0.5020389,0.99,0.5036865
,1,0.5041242,
0.99,0.5500624,0.99,0.5502428,0.99,0.5507707,0.99,0.6234334,0.99,0.645637,0.99,0.6538987,0.99,0.5525934,0.99,0.5518346,0.99,0.5533177,
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0.99,0.6000544,0.99,0.6002162,0.99,0.6006858,0.99,0.6652751,0.99,0.6850088,0.99,0.6923525,0.99,0.6023068,0.99,0.6016303,1,0.6029489,1,
0.6032991,
0.99,0.6500491,0.99,0.6501897,0.99,0.6505983,0.99,0.7071142,0.99,0.7243832,0.99,0.7308089,0.99,0.6520177,0.99,0.651426,1,0.6525801,1,0
.6528852,
0.99,0.7000411,0.99,0.7001632,0.99,0.7005134,0.99,0.748956,0.99,0.7637576,0.99,0.7692654,1,0.7017285,1,0.7012218,1,0.7022113,1,0.70247
4,
0.99,0.7500331,0.99,0.750134,0.99,0.7504285,0.99,0.7907951,0.99,0.8031293,0.99,0.8077192,1,0.751442,1,0.7510175,1,0.7518426,1,0.752062
8,
1,0.8000278,1,0.8001075,0.99,0.800341,0.99,0.8326369,0.99,0.8425037,0.99,0.8461756,1,0.8011528,1,0.8008158,1,0.8014738,1,0.8016489,

1,0.8500199,1,0.8500809,0.99,0.850256,0.99,0.874476,0.99,0.8818781,0.99,0.884632,1,0.8508636,1,0.8506115,1,0.851105,1,0.851235,
1,0.900012,1,0.9000517,0.99,0.9001711,0.99,0.9163178,0.99,0.9212525,0.99,0.9230884,1,0.9005744,1,0.9004073,1,0.9007362,1,0.9008238,
1,0.9500066,1,0.9500252,0.99,0.9500836,0.99,0.9581569,0.99,0.9606243,0.99,0.9615422,1,0.9502879,1,0.9502029,1,0.9503675,1,0.9504126,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9322283,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7153707,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9390043,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7438329,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.04,0.9729611,0.02,0.9423949,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.758064,0.01,0.7242505,0.01,0.7447005,0
.01,0.7517259,
0.96,0.9745529,0.04,0.9457829,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.02,0.7722952,0.01,0.7404688,0.01,0.7597196,0
.01,0.7663311,
0.96,0.9761422,0.97,0.9491709,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.03,0.7865263,0.02,0.7566897,0.02,0.774736,
0.02,0.7809336,
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Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

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1,0.9999987,1,0.9999987,0.99,0.9999987,0.95,0.9999987,0.95,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,3.979624E-06,0,4.642895E-05,0,7.561286E-05,0,4.908203E-05,0,3.84697E-05,0,3.051045E-05,0,1.021437E-04,0,8.622519E-05,0,1.728483E-
03,0,3.540539E-03,
1,0.100004,1,0.1000411,0.07,0.1000677,0.06,0.1000438,1,0.1000358,1,0.1000279,0.03,0.1000915,0.03,0.1000783,0.03,0.101556,0.02,0.103187
7,
1,0.150004,1,0.1500385,1,0.150065,1,0.1500411,1,0.1500332,1,0.1500252,1,0.1500862,1,0.150073,1,0.1514685,1,0.1530099,
1,0.200004,1,0.2000358,1,0.2000597,1,0.2000385,1,0.2000305,1,0.2000252,1,0.2000809,1,0.2000677,1,0.2013836,1,0.2028322,
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Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.8948968,0,0.8258821,0,0.4873912,0,0.4728072,0,0.4129272,0,0.3806126,0,0.5154635,0,0.4749085,0,0.4935251,0,0.4950321,

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99,0.9242532,
0.99,0.9894872,0.99,0.9825865,0.99,0.9487385,0.99,0.9472793,0.99,0.9412913,0.99,0.9380598,0.99,0.9515454,0.99,0.9474888,0.99,0.9493513
,0.99,0.9495025,
0.99,0.9947429,0.99,0.9912939,0.99,0.9743673,0.99,0.9736403,0.99,0.970645,0.99,0.9690292,0.99,0.9757707,0.99,0.9737437,0.99,0.974675,1
,0.9747493,
0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9493487,0,0.934709,0,0.6911904,0,0.6774315,0,0.6173366,0,0.5833877,0,0.7171774,0,0.6804057,0,0.698436,0,0.7009777,
0.02,0.9544134,0.02,0.9412382,0.02,0.7220723,0.02,0.7096877,0.01,0.655602,0.01,0.6250491,0.01,0.7454593,0.01,0.7123647,0.01,0.7285936,
0.01,0.7308806,

0.02,0.9569471,0.02,0.9445015,0.02,0.7375106,0.02,0.7258158,0.01,0.674736,0.01,0.6458784,0.01,0.7596002,0.01,0.7283442,0.01,0.7436711,
0.01,0.7458307,
0.02,0.9594781,0.02,0.9477674,0.02,0.7529516,0.02,0.7419439,0.01,0.6938701,0.01,0.6667104,0.01,0.7737411,0.01,0.7443237,0.01,0.7587485
,0.01,0.7607808,
0.02,0.9620118,0.02,0.9510307,0.02,0.7683925,0.02,0.7580746,0.02,0.7130014,0.01,0.6875398,0.01,0.787882,0.01,0.7603033,0.01,0.773826,0
.01,0.7757336,
0.02,0.9645429,0.02,0.9542966,0.04,0.7838334,0.03,0.7742028,0.03,0.7321355,0.02,0.7083718,0.01,0.802023,0.02,0.7762828,0.01,0.7889035,
0.01,0.7906837,
0.02,0.9670765,0.02,0.9575599,0.96,0.7992744,0.97,0.7903308,0.03,0.7512695,0.02,0.7292011,0.01,0.8161639,0.03,0.7922623,0.01,0.8039836
,0.01,0.8056338,
0.02,0.9696076,0.02,0.9608259,0.96,0.8147126,0.97,0.806459,0.98,0.7704009,0.98,0.7500331,0.02,0.8303049,0.98,0.8082418,0.02,0.8190611,
0.02,0.8205866,
0.02,0.9721413,0.02,0.9640892,0.96,0.8301536,0.97,0.822587,0.98,0.7895349,0.98,0.7708625,0.03,0.8444458,0.98,0.8242213,0.98,0.8341386,
0.02,0.8355367,
0.02,0.9746723,0.02,0.9673551,0.97,0.8455946,0.97,0.8387151,0.98,0.808669,0.98,0.7916945,0.98,0.8585894,0.98,0.8402035,0.98,0.8492187,
0.98,0.8504868,
0.04,0.9772061,0.02,0.9706184,0.97,0.8610355,0.97,0.8548432,0.98,0.8278003,0.98,0.8125239,0.98,0.8727303,0.98,0.856183,0.98,0.8642961,
0.98,0.8654396,
0.05,0.9797397,0.02,0.9738817,0.97,0.8764765,0.98,0.8709713,0.98,0.8469344,0.98,0.8333532,0.98,0.8868712,0.98,0.8721625,0.98,0.8793736
,0.98,0.8803898,
0.96,0.9822708,0.02,0.9771477,0.97,0.8919147,0.98,0.8870994,0.98,0.8660657,0.98,0.8541852,0.98,0.9010121,0.98,0.888142,0.98,0.8944511,
0.98,0.8953425,
0.96,0.9848045,0.02,0.9804109,0.97,0.9073557,0.98,0.9032274,0.98,0.8851998,0.98,0.8750146,0.98,0.9151531,0.98,0.9041216,0.98,0.9095286
,0.98,0.9102926,
0.96,0.9873355,0.02,0.9836769,0.98,0.9227966,0.98,0.9193556,0.98,0.9043338,0.99,0.8958466,0.98,0.929294,0.99,0.9201011,0.99,0.9246086,
0.99,0.9252428,
0.96,0.9898692,0.02,0.9869402,0.98,0.9382375,0.98,0.9354863,0.98,0.9234652,0.99,0.9166759,0.98,0.943435,0.99,0.9360806,0.99,0.9396861,
0.99,0.9401956,
0.96,0.9924002,0.02,0.9902061,0.98,0.9536785,0.98,0.9516144,0.98,0.9425992,0.99,0.937508,0.98,0.9575759,0.99,0.9520601,0.99,0.9547636,
0.99,0.9551457,
0.96,0.994934,0.04,0.9934694,0.98,0.9691168,0.98,0.9677425,0.98,0.9617333,0.99,0.9583373,0.99,0.9717168,0.99,0.9680396,0.99,0.9698437,
0.99,0.9700958,
0.98,0.997465,0.97,0.9967354,0.98,0.9845577,0.98,0.9838706,0.99,0.9808646,0.99,0.9791693,0.99,0.9858577,0.99,0.9840192,0.99,0.9849212,
0.99,0.9850485,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,5.133715E-04,0,1.813382E-03,0,3.869521E-03,0,0.1748713,0,0.2271662,0,0.2434854,0,1.094529E-02,0,7.756288E-
03,0,0.0138796,0,1.587207E-02,
0.98,0.100463,0.02,0.101633,0.03,0.1034822,0.03,0.2573849,0.03,0.3044505,0.02,0.319138,0.01,0.1098496,0.02,0.1069816,0.01,0.112492,0.0
1,0.1142855,

0.98,0.1504364,0.02,0.1515401,0.03,0.1532885,0.03,0.2986403,0.03,0.3430901,0.03,0.356963,0.02,0.159303,0.02,0.1565916,0.01,0.1617969,0
.01,0.1634922,
0.99,0.2004099,0.99,0.2014499,0.03,0.2030948,0.03,0.3398957,0.04,0.3817322,0.04,0.394788,0.02,0.2087565,0.02,0.2062042,0.01,0.2111045,
0.01,0.2126963,
0.99,0.250386,0.99,0.2513597,0.98,0.2529011,0.04,0.3811538,0.98,0.4203744,0.99,0.432613,0.02,0.2582073,0.03,0.2558169,0.02,0.2604094,0
.02,0.261903,
0.99,0.3003595,0.99,0.3012695,0.98,0.3027075,0.98,0.4224093,0.99,0.4590165,0.99,0.470438,0.02,0.3076608,0.99,0.3054295,0.02,0.3097143,
0.02,0.3111098,
0.99,0.350333,0.99,0.3511793,0.98,0.3525138,0.99,0.4636647,0.99,0.4976586,0.99,0.5082657,0.99,0.3571143,0.99,0.3550422,0.99,0.3590218,
0.99,0.3603165,
0.99,0.4003064,0.99,0.4010864,0.99,0.4023201,0.99,0.5049228,0.99,0.5362982,0.99,0.5460907,0.99,0.4065677,0.99,0.4046522,0.99,0.4083267
,0.99,0.4095232,
0.99,0.4502825,0.99,0.4509962,0.99,0.4521264,0.99,0.5461782,0.99,0.5749403,0.99,0.5839157,0.99,0.4560185,0.99,0.4542648,0.99,0.4576342
,0.99,0.45873,
0.99,0.500256,0.99,0.5009061,0.99,0.5019354,0.99,0.5874337,0.99,0.6135824,0.99,0.6217433,0.99,0.505472,0.99,0.5038775,0.99,0.5069391,1
,0.5079367,
0.99,0.5502295,0.99,0.5508158,0.99,0.5517417,0.99,0.6286918,0.99,0.6522246,0.99,0.6595684,0.99,0.5549254,0.99,0.5534901,0.99,0.556244,
1,0.5571408,
0.99,0.6002056,0.99,0.6007256,0.99,0.6015481,0.99,0.6699472,0.99,0.6908668,0.99,0.6973934,0.99,0.6043763,0.99,0.6031028,1,0.6055516,1,
0.6063475,
0.99,0.6501791,0.99,0.6506327,0.99,0.6513544,0.99,0.7112053,0.99,0.7295063,0.99,0.7352183,0.99,0.6538298,0.99,0.6527128,1,0.6548564,1,
0.6555542,
0.99,0.7001526,0.99,0.7005426,0.99,0.7011607,0.99,0.7524607,0.99,0.7681484,0.99,0.7730433,1,0.7032832,1,0.7023254,1,0.704164,1,0.70476
1,
0.99,0.750126,0.99,0.7504523,0.99,0.750967,0.99,0.7937162,0.99,0.8067906,0.99,0.810871,1,0.7527366,1,0.7519381,1,0.7534689,1,0.7539677
,
1,0.8001021,1,0.8003622,0.99,0.8007734,0.99,0.8349743,0.99,0.8454327,0.99,0.848696,1,0.8021874,1,0.8015507,1,0.8027738,1,0.8031744,
1,0.8500756,1,0.8502719,0.99,0.8505797,0.99,0.8762297,0.99,0.8840749,0.99,0.886521,1,0.8516409,1,0.8511634,1,0.8520814,1,0.8523785,
1,0.9000491,1,0.9001791,0.99,0.900386,0.99,0.9174851,0.99,0.9227144,0.99,0.9243487,1,0.9010944,1,0.9007733,1,0.9013863,1,0.9015852,
1,0.9500252,1,0.9500889,0.99,0.9501923,0.99,0.9587432,0.99,0.9613565,0.99,0.9621737,1,0.9505452,1,0.950386,1,0.9506938,1,0.950792,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9493487,0,0.9149037,0,0.6911904,0,0.6774315,0,0.6173366,0,0.5833877,0,0.7163629,0,0.6804057,0,0.698436,0,0.7009777,
0.02,0.9544134,0.02,0.9234121,0.02,0.7220723,0.02,0.7096877,0.01,0.655602,0.01,0.6250491,0.01,0.744727,0.01,0.7123647,0.01,0.7285936,0
.01,0.7308806,
0.02,0.9569471,0.02,0.9276677,0.02,0.7375106,0.02,0.7258158,0.01,0.674736,0.01,0.6458784,0.01,0.7589077,0.01,0.7283442,0.01,0.7436711,
0.01,0.7458307,
0.02,0.9594781,0.02,0.9319232,0.02,0.7529516,0.02,0.7419439,0.01,0.6938701,0.01,0.6667104,0.01,0.7730911,0.01,0.7443237,0.01,0.7587485
,0.01,0.7607808,
0.04,0.9620118,0.02,0.9361761,0.02,0.7683925,0.02,0.7580746,0.02,0.7130014,0.01,0.6875398,0.02,0.7872719,0.01,0.7603033,0.01,0.773826,
0.01,0.7757336,

0.05,0.9645429,0.04,0.9404317,0.04,0.7838334,0.03,0.7742028,0.03,0.7321355,0.02,0.7083718,0.03,0.8014526,0.02,0.7762828,0.02,0.7889035
,0.02,0.7906837,
0.96,0.9670765,0.96,0.9446872,0.96,0.7992744,0.97,0.7903308,0.03,0.7512695,0.02,0.7292011,0.98,0.8156359,0.03,0.7922623,0.98,0.8039836
,0.98,0.8056338,
0.96,0.9696076,0.97,0.9489427,0.96,0.8147126,0.97,0.806459,0.98,0.7704009,0.98,0.7500331,0.98,0.8298167,0.98,0.8082418,0.98,0.8190611,
0.98,0.8205866,
0.96,0.9721413,0.97,0.9531956,0.96,0.8301536,0.97,0.822587,0.98,0.7895349,0.98,0.7708625,0.98,0.844,0.98,0.8242213,0.98,0.8341386,0.98
,0.8355367,
0.96,0.9746723,0.97,0.9574512,0.97,0.8455946,0.97,0.8387151,0.98,0.808669,0.98,0.7916945,0.98,0.8581808,0.98,0.8402035,0.98,0.8492187,
0.98,0.8504868,
0.96,0.9772061,0.97,0.9617068,0.97,0.8610355,0.97,0.8548432,0.98,0.8278003,0.98,0.8125239,0.98,0.8723615,0.98,0.856183,0.98,0.8642961,
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0.97,0.9797397,0.97,0.9659596,0.97,0.8764765,0.98,0.8709713,0.98,0.8469344,0.98,0.8333532,0.98,0.8865449,0.98,0.8721625,0.98,0.8793736
,0.98,0.8803898,
0.97,0.9822708,0.97,0.9702151,0.97,0.8919147,0.98,0.8870994,0.98,0.8660657,0.98,0.8541852,0.98,0.9007256,0.98,0.888142,0.99,0.8944511,
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0.99,0.9102926,
0.97,0.9873355,0.98,0.9787263,0.98,0.9227966,0.98,0.9193556,0.98,0.9043338,0.99,0.8958466,0.98,0.9290897,0.99,0.9201011,0.99,0.9246086
,0.99,0.9252428,
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0.97,0.9924002,0.98,0.9872347,0.98,0.9536785,0.98,0.9516144,0.98,0.9425992,0.99,0.937508,0.98,0.9574538,0.99,0.9520601,0.99,0.9547636,
0.99,0.9551457,
0.98,0.994934,0.98,0.9914902,0.98,0.9691168,0.98,0.9677425,0.98,0.9617333,0.99,0.9583373,0.99,0.9716346,0.99,0.9680396,0.99,0.9698437,
0.99,0.9700958,
0.98,0.997465,0.98,0.9957432,0.98,0.9845577,0.98,0.9838706,0.99,0.9808646,0.99,0.9791693,0.99,0.985818,0.99,0.9840192,0.99,0.9849212,0
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0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
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Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,
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0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,
0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,
0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,4.377587E-05,0,1.070519E-03,0,0.3718627,0,0.5595551,0,0.560298,0,0
0.3,0.1000385,0.04,0.1009644,0.08,0.4346771,0.03,0.6035989,0.01,0.6042675,0,9.999868E-02
0.66,0.1500358,0.05,0.1509087,0.13,0.4660843,0.04,0.6256222,0.02,0.6262536,0,0.1499987
1,0.2000358,0.27,0.2008556,0.24,0.4974889,0.05,0.6476427,0.03,0.648237,0,0.1999987
1,0.2500332,0.36,0.2508025,0.27,0.528896,0.13,0.669666,0.09,0.6702231,0,0.2499987
1,0.3000305,0.56,0.3007495,0.5,0.5603033,0.13,0.6916892,0.13,0.6922092,0,0.2999987
1,0.3500279,0.66,0.3506964,0.66,0.5917104,0.23,0.7137098,0.2,0.7141927,0,0.3499987
1,0.4000252,0.66,0.4006407,0.8,0.6231176,0.23,0.735733,0.23,0.7361788,0,0.3999987
1,0.4500225,0.67,0.4505877,0.89,0.6545248,0.25,0.7577536,0.23,0.7581622,0,0.4499987
1,0.5000199,0.74,0.5005346,0.95,0.685932,0.37,0.7797769,0.29,0.7801483,0,0.4999987
1,0.5500199,0.81,0.5504816,0.95,0.7173366,0.51,0.8018001,0.37,0.8021344,0,0.5499987
1,0.6000172,0.99,0.6004285,0.95,0.7487438,0.63,0.8238207,0.51,0.8241178,0,0.5999987
1,0.6500146,0.99,0.6503727,0.95,0.7801509,0.72,0.845844,0.6,0.846104,0,0.6499987
1,0.700012,0.99,0.7003197,0.95,0.8115581,0.82,0.8678645,0.76,0.8680874,0,0.6999987
1,0.7500093,0.99,0.7502666,0.95,0.8429654,0.82,0.8898878,0.82,0.8900735,0,0.7499987
1,0.8000066,0.99,0.8002136,0.95,0.8743725,0.94,0.911911,0.94,0.9120596,0,0.7999987
1,0.8500066,0.99,0.8501605,0.95,0.9057771,0.94,0.9339316,0.94,0.934043,0,0.8499987
1,0.900004,0.99,0.9001048,0.96,0.9371843,0.94,0.9559548,0.94,0.9560291,0,0.8999987
1,0.9500013,0.99,0.9500517,0.98,0.9685915,0.94,0.9779754,0.94,0.9780126,0,0.9499987
1,0.9999987,0.99,0.9999987,0.99,0.9999987,0.96,0.9999987,0.96,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.98567, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,3.180773, %
Acceptable Depth in Reach,1,8.699701, %

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Optimum Depth & Velocity in Reach,1,1.566641, %
Acceptable Depth & Velocity in Reach,1,3.180773, %
Optimum Velocity in Reach,2,99.94535, %
Acceptable Velocity in Reach,2,99.99682, %
Optimum Depth in Reach,2,6.777017, %
Acceptable Depth in Reach,2,17.11128, %
Optimum Depth & Velocity in Reach,2,1.308232, %
Acceptable Depth & Velocity in Reach,2,4.762006, %
Optimum Velocity in Reach,3,99.82808, %
Acceptable Velocity in Reach,3,99.99522, %
Optimum Depth in Reach,3,32.89283, %
Acceptable Depth in Reach,3,52.95168, %
Optimum Depth & Velocity in Reach,3,32.02581, %
Acceptable Depth & Velocity in Reach,3,32.89283, %
Optimum Velocity in Reach,4,83.68093, %
Acceptable Velocity in Reach,4,99.99628, %
Optimum Depth in Reach,4,33.82513, %
Acceptable Depth in Reach,4,53.91581, %
Optimum Depth & Velocity in Reach,4,33.26161, %
Acceptable Depth & Velocity in Reach,4,33.82513, %
Optimum Velocity in Reach,5,78.747, %
Acceptable Velocity in Reach,5,99.99682, %
Optimum Depth in Reach,5,39.94418, %
Acceptable Depth in Reach,5,60.23331, %
Optimum Depth & Velocity in Reach,5,39.94418, %
Acceptable Depth & Velocity in Reach,5,39.94418, %
Optimum Velocity in Reach,6,76.91107, %
Acceptable Velocity in Reach,6,99.99814, %
Optimum Depth in Reach,6,43.01591, %
Acceptable Depth in Reach,6,63.36288, %
Optimum Depth & Velocity in Reach,6,43.01591, %
Acceptable Depth & Velocity in Reach,6,43.01591, %
Optimum Velocity in Reach,7,99.6551, %
Acceptable Velocity in Reach,7,99.99364, %
Optimum Depth in Reach,7,28.46273, %
Acceptable Depth in Reach,7,48.81288, %
Optimum Depth & Velocity in Reach,7,7.486979, %
Acceptable Depth & Velocity in Reach,7,28.40967, %
Optimum Velocity in Reach,8,99.72169, %
Acceptable Velocity in Reach,8,99.99416, %
Optimum Depth in Reach,8,32.44101, %
Acceptable Depth in Reach,8,52.90499, %
Optimum Depth & Velocity in Reach,8,25.42788, %
Acceptable Depth & Velocity in Reach,8,32.44101, %
Optimum Velocity in Reach,9,99.6429, %
Acceptable Velocity in Reach,9,99.9931, %
Optimum Depth in Reach,9,30.03494, %
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Acceptable Depth in Reach,9,50.55038, %
Optimum Depth & Velocity in Reach,9,10.50804, %
Acceptable Depth & Velocity in Reach,9,30.03494, %
Optimum Velocity in Reach,10,99.63653, %
Acceptable Velocity in Reach,10,99.9931, %
Optimum Depth in Reach,10,29.20851, %
Acceptable Depth in Reach,10,49.75472, %
Optimum Depth & Velocity in Reach,10,9.093152, %
Acceptable Depth & Velocity in Reach,10,29.20851, %
Optimum Velocity in Stream,93.77544, %
Acceptable Velocity in Stream,99.99567, %
Optimum Depth in Stream,27.9783, %
Acceptable Depth in Stream,45.82976, %
Optimum Depth & Velocity in Stream,20.36384, %
Acceptable Depth & Velocity in Stream,27.7715, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.94827, %
Acceptable Velocity in Reach,1,99.9992, %
Optimum Depth in Reach,1,5.064987, %
Acceptable Depth in Reach,1,10.51016, %
Optimum Depth & Velocity in Reach,1,2.735852, %
Acceptable Depth & Velocity in Reach,1,5.064987, %
Optimum Velocity in Reach,2,99.81827, %
Acceptable Velocity in Reach,2,99.99496, %
Optimum Depth in Reach,2,8.509476, %
Acceptable Depth in Reach,2,17.41161, %
Optimum Depth & Velocity in Reach,2,1.718928, %
Acceptable Depth & Velocity in Reach,2,6.528954, %
Optimum Velocity in Reach,3,99.61266, %
Acceptable Velocity in Reach,3,99.99204, %
Optimum Depth in Reach,3,30.88074, %
Acceptable Depth in Reach,3,51.26061, %
Optimum Depth & Velocity in Reach,3,29.77468, %
Acceptable Depth & Velocity in Reach,3,30.88074, %
Optimum Velocity in Reach,4,82.51251, %
Acceptable Velocity in Reach,4,99.9947, %
Optimum Depth in Reach,4,32.25663, %
Acceptable Depth in Reach,4,52.719, %
Optimum Depth & Velocity in Reach,4,31.5257, %
Acceptable Depth & Velocity in Reach,4,32.25663, %
Optimum Velocity in Reach,5,77.28304, %
Acceptable Velocity in Reach,5,99.99576, %
Optimum Depth in Reach,5,38.26611, %
Acceptable Depth in Reach,5,58.707, %

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Optimum Depth & Velocity in Reach,5,38.26611, %
Acceptable Depth & Velocity in Reach,5,38.26611, %
Optimum Velocity in Reach,6,75.65113, %
Acceptable Velocity in Reach,6,99.99655, %
Optimum Depth in Reach,6,41.66098, %
Acceptable Depth in Reach,6,61.93844, %
Optimum Depth & Velocity in Reach,6,41.66098, %
Acceptable Depth & Velocity in Reach,6,41.66098, %
Optimum Velocity in Reach,7,99.34309, %
Acceptable Velocity in Reach,7,99.98939, %
Optimum Depth in Reach,7,28.3635, %
Acceptable Depth in Reach,7,48.45339, %
Optimum Depth & Velocity in Reach,7,7.341591, %
Acceptable Depth & Velocity in Reach,7,28.28205, %
Optimum Velocity in Reach,8,99.47575, %
Acceptable Velocity in Reach,8,99.99098, %
Optimum Depth in Reach,8,31.95922, %
Acceptable Depth in Reach,8,52.50888, %
Optimum Depth & Velocity in Reach,8,24.51044, %
Acceptable Depth & Velocity in Reach,8,31.95922, %
Optimum Velocity in Reach,9,99.35106, %
Acceptable Velocity in Reach,9,99.98965, %
Optimum Depth in Reach,9,30.15619, %
Acceptable Depth in Reach,9,50.64722, %
Optimum Depth & Velocity in Reach,9,10.3791, %
Acceptable Depth & Velocity in Reach,9,30.15619, %
Optimum Velocity in Reach,10,99.33355, %
Acceptable Velocity in Reach,10,99.98965, %
Optimum Depth in Reach,10,29.90202, %
Acceptable Depth in Reach,10,50.49652, %
Optimum Depth & Velocity in Reach,10,9.163989, %
Acceptable Depth & Velocity in Reach,10,29.90202, %
Optimum Velocity in Stream,93.23293, %
Acceptable Velocity in Stream,99.99329, %
Optimum Depth in Stream,27.70199, %
Acceptable Depth in Stream,45.46528, %
Optimum Depth & Velocity in Stream,19.70774, %
Acceptable Depth & Velocity in Stream,27.49579, %
```

Stream Health Run 9

Run Date,6/11/2002
Run Time,7:26:31 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\LowDensityRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Central Stoneroller.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8748,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,2.341307,Index,1
90-10 Range ,88.0403,Index,1
Number of Storms 3x Median,8532,Index,3
Number of High Flow Events,432,Index,1
High Flow Duration (hrs) ,16878,Index,1
Number of Low Flow Events ,77,Index,1
Low Flow Duration (hrs) ,11248,Index,1
Overall Index,1.222222
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,1.459196E-05,0,3.051045E-05,0,2.25512E-05,0,1.193887E-05,0,1.193887E-05,0,5.173511E-05,0,3.84697E-05,0,4.908203E-05,0,6.062294E-04,
1,0.1000013,1,0.1000119,1,0.1000279,1,0.1000199,1,0.1000093,1,0.1000093,1,0.1000464,1,0.1000358,1,0.1000438,1,0.1005452,
1,0.1500013,1,0.1500119,1,0.1500252,1,0.1500199,1,0.1500093,1,0.1500093,1,0.1500438,1,0.1500332,1,0.1500411,1,0.150516,
1,0.2000013,1,0.2000119,1,0.2000252,1,0.2000172,1,0.2000093,1,0.2000093,1,0.2000411,1,0.2000305,1,0.2000385,1,0.2004842,
1,0.2500013,1,0.2500093,1,0.2500226,1,0.2500173,1,0.2500093,1,0.2500093,1,0.2500385,1,0.2500279,1,0.2500358,1,0.250455,
1,0.3000013,1,0.3000093,1,0.3000199,1,0.3000146,1,0.3000093,1,0.3000093,1,0.3000358,1,0.3000252,1,0.3000332,1,0.3004232,

1,0.3500013,1,0.3500093,1,0.3500199,1,0.3500146,1,0.3500066,1,0.3500066,1,0.3500332,1,0.3500252,1,0.3500305,1,0.350394,
1,0.4000013,1,0.4000093,1,0.4000172,1,0.4000119,1,0.4000066,1,0.4000066,1,0.4000305,1,0.4000225,1,0.4000279,1,0.4003621,
1,0.4500013,1,0.4500066,1,0.4500172,1,0.4500119,1,0.4500066,1,0.4500066,1,0.4500279,1,0.4500199,1,0.4500252,1,0.450333,
1,0.4999987,1,0.5000066,1,0.5000146,1,0.5000093,1,0.500004,1,0.500004,1,0.5000252,1,0.5000199,1,0.5000252,1,0.5003011,
1,0.5499987,1,0.5500066,1,0.5500119,1,0.5500093,1,0.550004,1,0.550004,1,0.5500225,1,0.5500172,1,0.5500225,1,0.5502719,
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1,0.7499987,1,0.750004,1,0.7500066,1,0.750004,1,0.7500013,1,0.7500013,1,0.7500119,1,0.7500093,1,0.7500119,1,0.7501499,
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1,0.8499987,1,0.8500013,1,0.850004,1,0.8500013,1,0.8500013,1,0.8500013,1,0.8500066,1,0.850004,1,0.8500066,1,0.8500889,
1,0.8999987,1,0.9000013,1,0.9000013,1,0.9000013,1,0.8999987,1,0.8999987,1,0.900004,1,0.900004,1,0.900004,1,0.9000597,
1,0.9499987,1,0.9499987,1,0.9500013,1,0.9499987,1,0.9499987,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500279,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9129032,0,0.8287289,0,0.4695625,0,0.4597939,0,0.3961596,0,0.3644606,0,0.511131,0,0.469979,0,0.4936551,0,0.5016171,
0.97,0.9216133,0.98,0.8458546,0.97,0.5226056,0.98,0.5138133,0.98,0.4565438,0.99,0.4280152,0.98,0.5600167,0.99,0.5229797,0.99,0.5442892
,0.99,0.5514552,
0.97,0.925967,0.98,0.8544187,0.98,0.5491285,0.98,0.5408243,0.99,0.4867359,0.99,0.4597912,0.98,0.5844622,0.99,0.5494813,0.99,0.5696076,
0.99,0.5763756,
0.97,0.9303234,0.98,0.8629829,0.98,0.5756487,0.98,0.5678353,0.99,0.516928,0.99,0.4915672,0.99,0.6089051,0.99,0.575983,0.99,0.5949233,0
.99,0.6012934,
0.97,0.9346771,0.98,0.871547,0.98,0.6021715,0.98,0.5948464,0.99,0.5471201,0.99,0.5233458,0.99,0.6333479,0.99,0.6024846,0.99,0.6202417,
0.99,0.6262111,
0.97,0.9390308,0.98,0.8801112,0.98,0.6286944,0.98,0.6218548,0.99,0.5773122,0.99,0.5551218,0.99,0.6577908,0.99,0.6289862,0.99,0.6455574
,0.99,0.6511315,
0.98,0.9433872,0.98,0.8886726,0.98,0.6552146,0.98,0.6488658,0.99,0.6075042,0.99,0.5868977,0.99,0.6822336,0.99,0.6554853,0.99,0.6708758
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0.98,0.9520972,0.98,0.9058009,0.98,0.7082577,0.99,0.7028852,0.99,0.6678884,0.99,0.6504524,0.99,0.731122,0.99,0.7084885,0.99,0.7215099,
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.99,0.7757283,
0.98,0.965161,0.98,0.9314908,0.99,0.7878237,0.99,0.7839157,0.99,0.758462,0.99,0.7457829,0.99,0.8044506,0.99,0.7879908,0.99,0.7974623,0
.99,0.800646,
0.98,0.9695147,0.98,0.9400549,0.99,0.8143466,0.99,0.8109267,0.99,0.7886541,0.99,0.7775615,0.99,0.828896,0.99,0.8144925,0.99,0.822778,0
.99,0.8255638,
0.98,0.9738711,0.98,0.9486191,0.99,0.8408667,0.99,0.8379378,0.99,0.8188462,0.99,0.8093375,0.99,0.8533389,0.99,0.8409941,0.99,0.8480964
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0.98,0.9782248,0.99,0.9571806,0.99,0.8673896,0.99,0.8649461,0.99,0.8490382,0.99,0.8411135,0.99,0.8777817,0.99,0.8674931,0.99,0.8734121
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0.98,0.9825785,0.99,0.9657447,0.99,0.8939125,0.99,0.8919572,0.99,0.8792303,0.99,0.8728921,0.99,0.9022246,0.99,0.8939947,0.99,0.8987305
,0.99,0.9003224,
0.99,0.9869349,0.99,0.9743088,0.99,0.9204327,0.99,0.9189682,0.99,0.9094224,0.99,0.9046681,0.99,0.9266675,0.99,0.9204964,0.99,0.9240462
,1,0.9252401,
0.99,0.9912886,0.99,0.9828704,0.99,0.9469556,0.99,0.9459792,1,0.9396145,1,0.936444,0.99,0.951113,0.99,0.9469954,0.99,0.9493646,1,0.950
1605,
0.99,0.995645,0.99,0.9914345,1,0.9734758,1,0.9729877,1,0.9698066,1,0.9682227,1,0.9755558,1,0.973497,1,0.9746803,1,0.9750809,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9994866,0,0,0,0.9795195,0,0.9762403,0,0.923436,0,0.9094357,0,0,0,0.9920686,0,0,0,0,
0.03,0.9995371,0,9.999868E-02,0.03,0.9815677,0.03,0.9786148,0.02,0.9310928,0.02,0.9184906,0,9.999868E-02,0.02,0.9928619,0,9.999868E-
02,0,9.999868E-02,
0.03,0.9995636,0,0.1499987,0.03,0.9825918,0.03,0.9798034,0.02,0.9349212,0.02,0.9230195,0,0.1499987,0.02,0.9932572,0,0.1499987,0,0.1499
987,
0.03,0.9995901,0,0.1999987,0.03,0.9836159,0.03,0.980992,0.02,0.9387496,0.02,0.9275483,0,0.1999987,0.02,0.9936551,0,0.1999987,0,0.19999
87,
0.03,0.999614,0,0.2499987,0.03,0.98464,0.03,0.9821806,0.02,0.9425753,0.03,0.9320771,0,0.2499987,0.02,0.9940504,0,0.2499987,0,0.2499987
,
0.03,0.9996405,0,0.2999987,0.03,0.9856641,0.03,0.9833692,0.03,0.9464037,0.04,0.9366059,0,0.2999987,0.02,0.9944484,0,0.2999987,0,0.2999
987,
0.03,0.999667,0,0.3499987,0.03,0.9866881,0.03,0.9845551,0.03,0.9502321,0.05,0.9411321,0,0.3499987,0.02,0.9948437,0,0.3499987,0,0.34999
87,
0.03,0.9996909,0,0.3999987,0.03,0.9877123,0.03,0.9857436,0.03,0.9540606,0.96,0.9456609,0,0.3999987,0.02,0.9952417,0,0.3999987,0,0.3999
987,
0.03,0.9997175,0,0.4499987,0.03,0.9887363,0.03,0.9869322,0.03,0.957889,0.96,0.9501897,0,0.4499987,0.02,0.995637,0,0.4499987,0,0.449998
7,
0.03,0.999744,0,0.4999987,0.03,0.9897578,0.03,0.9881182,0.95,0.9617174,0.96,0.9547158,0,0.4999987,0.02,0.996035,0,0.4999987,0,0.499998
7,
0.03,0.9997678,0,0.5499987,0.03,0.9907818,0.03,0.9893067,0.95,0.9655457,0.96,0.9592447,0,0.5499987,0.02,0.9964303,0,0.5499987,0,0.5499
987,
0.03,0.9997944,0,0.5999987,0.03,0.991806,0.03,0.9904953,0.96,0.9693741,0.96,0.9637735,0,0.5999987,0.02,0.9968256,0,0.5999987,0,0.59999
87,
0.03,0.9998183,0,0.6499987,0.03,0.99283,0.03,0.9916839,0.96,0.9732025,0.96,0.9683023,0,0.6499987,0.02,0.9972236,0,0.6499987,0,0.649998
7,
0.03,0.9998448,0,0.6999987,0.03,0.9938541,0.03,0.9928725,0.96,0.9770309,0.96,0.9728311,0,0.6999987,0.02,0.9976189,0,0.6999987,0,0.6999
987,
0.03,0.9998713,0,0.7499987,0.03,0.9948782,0.03,0.9940584,0.96,0.9808593,0.97,0.9773573,0,0.7499987,0.02,0.9980168,0,0.7499987,0,0.7499
987,
0.03,0.9998952,0,0.7999987,0.03,0.9959023,0.03,0.995247,0.96,0.9846851,0.97,0.9818861,0,0.7999987,0.02,0.9984121,0,0.7999987,0,0.79999
87,

0.03,0.9999217,0,0.8499987,0.03,0.9969264,0.03,0.9964356,0.97,0.9885135,0.98,0.9864149,0,0.8499987,0.02,0.9988101,0,0.8499987,0,0.8499987,
0.03,0.9999483,0,0.8999987,0.03,0.9979505,0.03,0.9976215,0.97,0.9923419,0.98,0.990941,0,0.8999987,0.02,0.9992054,0,0.8999987,0,0.8999987,
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0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.989812E-05,0,5.43882E-05,0,8.622519E-05,0,7.295978E-05,0,6.234745E-05,0,4.642895E-05,0,4.768916E-03,0,3.161148E-03,0,6.347501E-03,0,7.201794E-03,
0.99,0.1000172,0.03,0.1000491,0.04,0.1000783,0.03,0.100065,0.04,0.100057,0.04,0.1000411,0.02,0.1042914,0.02,0.1028454,0.01,0.1057134,0.01,0.1064828,
0.99,0.1500172,0.03,0.1500464,0.04,0.150073,0.04,0.1500624,0.99,0.1500517,0.99,0.1500385,0.02,0.1540526,0.02,0.1526863,0.02,0.155395,0.02,0.156122,
0.99,0.2000146,0.99,0.2000438,0.05,0.2000677,0.04,0.200057,0.99,0.2000491,0.99,0.2000358,0.02,0.2038138,0.02,0.2025297,0.02,0.2050767,0.02,0.2057612,
0.99,0.2500146,1,0.2500411,0.99,0.250065,0.99,0.2500544,0.99,0.2500464,0.99,0.2500358,0.02,0.253575,0.99,0.2523705,0.02,0.254761,0.02,0.2554004,
0.99,0.3000146,1,0.3000385,0.99,0.3000597,0.99,0.3000517,0.99,0.3000438,0.99,0.3000332,0.99,0.3033389,1,0.3022113,1,0.3044426,1,0.3050395,
0.99,0.3500119,1,0.3500358,0.99,0.3500544,0.99,0.3500464,0.99,0.3500411,0.99,0.3500305,1,0.3531001,1,0.3520548,1,0.3541242,1,0.3546814,
0.99,0.4000119,1,0.4000332,0.99,0.4000517,0.99,0.4000438,0.99,0.4000358,0.99,0.4000279,1,0.4028614,1,0.4018956,1,0.4038085,1,0.4043205,
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0.99,0.5000093,1,0.5000252,0.99,0.5000411,0.99,0.5000358,0.99,0.5000305,0.99,0.5000225,1,0.5023838,1,0.5015799,1,0.5031717,1,0.5036016,
1,0.5500093,1,0.5500225,0.99,0.5500385,0.99,0.5500332,0.99,0.5500278,0.99,0.5500199,1,0.552145,1,0.5514207,1,0.552856,1,0.5532407,
1,0.6000066,1,0.6000199,0.99,0.6000332,0.99,0.6000279,0.99,0.6000252,0.99,0.6000172,1,0.6019062,1,0.6012642,1,0.6025377,1,0.6028799,
1,0.6500067,1,0.6500173,0.99,0.6500305,1,0.6500252,0.99,0.6500199,0.99,0.6500146,1,0.6516675,1,0.651105,1,0.652222,1,0.6525191,
1,0.700004,1,0.7000146,1,0.7000252,1,0.7000199,1,0.7000173,1,0.700012,1,0.7014287,1,0.7009485,1,0.7019036,1,0.7021583,
1,0.750004,1,0.7500119,1,0.7500199,1,0.7500172,1,0.7500146,1,0.7500093,1,0.7511926,1,0.7507893,1,0.7515852,1,0.7518001,
1,0.800004,1,0.8000093,1,0.8000172,1,0.8000146,1,0.8000119,1,0.8000093,1,0.8009538,1,0.8006301,1,0.8012695,1,0.8014393,
1,0.8500013,1,0.8500066,1,0.8500119,1,0.8500093,1,0.8500093,1,0.8500066,1,0.850715,1,0.8504736,1,0.8509511,1,0.8510785,
1,0.9000013,1,0.900004,1,0.9000067,1,0.9000067,1,0.900004,1,0.900004,1,0.9004762,1,0.9003144,1,0.9006327,1,0.9007203,
1,0.9499987,1,0.9500013,1,0.950004,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9502375,1,0.9501579,1,0.950317,1,0.9503595,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9969158,0,0.9925408,0,0.946218,0,0.9431537,0,0.9221201,0,0.9091359,0,0.9564059,0,0.946677,0,0.952397,0,0.9538297,
0.93,0.9972236,0.94,0.9932864,0.93,0.9515958,0.94,0.9488392,0.95,0.9299069,0.96,0.9182227,0.96,0.9607649,0.96,0.9520097,0.96,0.9571567,0.97,0.9584461,
0.93,0.9973775,0.94,0.9936604,0.93,0.954286,0.94,0.9516807,0.95,0.9338016,0.96,0.9227648,0.96,0.9629457,0.96,0.954676,0.96,0.9595365,0.97,0.9607543,
0.93,0.9975313,0.94,0.9940319,0.94,0.9569736,0.94,0.9545222,0.96,0.9376963,0.96,0.9273095,0.96,0.9651239,0.96,0.9573424,0.96,0.9619163,0.97,0.9630625,
0.93,0.9976852,0.94,0.994406,0.94,0.9596639,0.94,0.9573636,0.96,0.9415884,0.96,0.9318516,0.96,0.9673047,0.96,0.9600061,0.97,0.9642988,0.97,0.9653707,
0.93,0.9978417,0.94,0.9947774,0.94,0.9623514,0.95,0.9602078,0.96,0.9454831,0.96,0.9363937,0.96,0.9694829,0.96,0.9626725,0.97,0.9666786,0.97,0.9676815,
0.93,0.9979956,0.94,0.9951515,0.94,0.9650416,0.95,0.9630492,0.96,0.9493778,0.96,0.9409384,0.96,0.9716638,0.96,0.9653388,0.97,0.9690584,0.97,0.9699897,
0.93,0.9981495,0.94,0.9955229,0.94,0.9677292,0.95,0.9658906,0.96,0.9532726,0.96,0.9454805,0.96,0.9738419,0.96,0.9680051,0.97,0.9714382,0.97,0.9722978,
0.93,0.9983034,0.95,0.995897,0.95,0.9704195,0.96,0.9687347,0.97,0.9571646,0.97,0.9500252,0.97,0.9760228,0.97,0.9706715,0.97,0.9738181,0.97,0.974606,
0.95,0.9984573,0.95,0.9962685,0.95,0.973107,0.96,0.9715762,0.97,0.9610594,0.97,0.9545673,0.97,0.978201,0.97,0.9733378,0.97,0.9761978,0.98,0.9769142,
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0.95,0.998765,0.96,0.9970166,0.96,0.9784875,0.96,0.9772618,0.97,0.9688462,0.97,0.9636541,0.97,0.9825626,0.97,0.9786705,0.98,0.9809575,0.98,0.9815305,
0.95,0.9989189,0.96,0.9973881,0.96,0.9811751,0.96,0.9801032,0.97,0.9727409,0.97,0.9681962,0.97,0.9847408,0.97,0.9813369,0.98,0.9833373,0.98,0.9838387,
0.95,0.9990727,0.96,0.9977621,0.96,0.9838653,0.96,0.9829447,0.97,0.9766356,0.98,0.9727409,0.97,0.9869216,0.98,0.9840032,0.98,0.9857171,0.98,0.9861469,
0.95,0.9992293,0.96,0.9981335,0.96,0.9865528,0.96,0.9857888,0.97,0.9805303,0.98,0.977283,0.97,0.9890998,0.98,0.9866696,0.98,0.988097,0.98,0.9884577,
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0.96,0.9995371,0.96,0.9988791,0.96,0.9919307,0.97,0.9914716,0.97,0.9883171,0.98,0.9863698,0.97,0.9934588,0.98,0.9919996,0.98,0.9928592,0.98,0.9930741,
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0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,
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0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,
0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,1.459196E-05,0,8.622519E-05,0,0,0.3631314,0,0.9087061,0,0.9102847,0,0
1,0.1000119,0.04,0.1000783,0.24,0.4268187,0.13,0.9178354,0.01,0.9192547,0,9.999868E-02
1,0.1500119,0.27,0.150073,0.31,0.458661,0.13,0.9224013,0.01,0.9237411,0,0.1499987
1,0.2000119,0.29,0.2000677,0.52,0.4905059,0.23,0.9269646,0.01,0.9282275,0,0.1999987
1,0.2500093,0.57,0.250065,0.94,0.5223482,0.23,0.9315279,0.01,0.9327139,0,0.2499987
1,0.3000093,0.99,0.3000597,0.95,0.5541905,0.23,0.9360939,0.01,0.9372002,0,0.2999987
1,0.3500093,0.99,0.3500544,0.95,0.5860355,0.23,0.9406598,0.01,0.9416839,0,0.3499987
1,0.4000093,1,0.4000517,0.95,0.6178778,0.3,0.9452232,0.13,0.9461703,0,0.3999987
1,0.4500066,1,0.4500464,0.95,0.6497228,0.45,0.9497864,0.13,0.9506567,0,0.4499987
1,0.5000066,1,0.5000411,0.95,0.681565,0.51,0.9543524,0.13,0.9551404,0,0.4999987
1,0.5500066,1,0.5500385,0.95,0.7134073,0.77,0.9589183,0.13,0.9596267,0,0.5499987
1,0.600004,1,0.6000332,0.95,0.7452523,0.92,0.9634817,0.23,0.9641131,0,0.5999987
1,0.650004,1,0.6500305,0.95,0.7770946,0.92,0.9680449,0.23,0.9685994,0,0.6499987
1,0.700004,1,0.7000252,0.95,0.8089396,0.93,0.9726109,0.23,0.9730858,0,0.6999987
1,0.750004,1,0.7500199,0.97,0.8407819,0.93,0.9771768,0.23,0.9775695,0,0.7499987
1,0.8000013,1,0.8000172,0.98,0.8726242,0.93,0.9817402,0.23,0.9820559,0,0.7999987
1,0.8500013,1,0.8500119,0.98,0.9044691,0.93,0.9863034,0.23,0.9865422,0,0.8499987
1,0.9000013,1,0.9000067,0.99,0.9363114,0.93,0.9908694,0.23,0.9910259,0,0.8999987

1,0.9499987,1,0.950004,1,0.9681564,0.94,0.9954354,0.23,0.9955123,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.98,0.9999987,0.28,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,1.989812E-05,0,3.316353E-05,0,3.051045E-05,0,2.520429E-05,0,1.724504E-05,0,6.234745E-05,0,5.173511E-05,0,5.704128E-
05,0,9.060278E-04,
1,0.1000013,1,0.1000172,1,0.1000305,1,0.1000279,1,0.1000226,1,0.1000146,0.04,0.100057,1,0.1000464,0.03,0.1000517,0.03,0.1008158,
1,0.1500013,1,0.1500172,1,0.1500279,1,0.1500252,1,0.1500199,1,0.1500146,1,0.1500517,1,0.1500438,1,0.1500491,1,0.1507707,
1,0.2000013,1,0.2000146,1,0.2000252,1,0.2000252,1,0.2000199,1,0.2000146,1,0.2000491,1,0.2000411,1,0.2000464,1,0.2007256,
1,0.2500013,1,0.2500146,1,0.2500252,1,0.2500226,1,0.2500199,1,0.250012,1,0.2500464,1,0.2500385,1,0.2500411,1,0.2506779,
1,0.3000013,1,0.3000146,1,0.3000225,1,0.3000199,1,0.3000172,1,0.3000119,1,0.3000438,1,0.3000358,1,0.3000385,1,0.3006328,
1,0.3500013,1,0.3500119,1,0.3500199,1,0.3500199,1,0.3500146,1,0.3500119,1,0.3500411,1,0.3500332,1,0.3500358,1,0.3505877,
1,0.4000013,1,0.4000119,1,0.4000199,1,0.4000172,1,0.4000146,1,0.4000093,1,0.4000358,1,0.4000305,1,0.4000332,1,0.4005426,
1,0.4500013,1,0.4500093,1,0.4500172,1,0.4500172,1,0.4500146,1,0.4500093,1,0.4500332,1,0.4500279,1,0.4500305,1,0.4504974,
1,0.4999987,1,0.5000093,1,0.5000146,1,0.5000146,1,0.5000119,1,0.5000093,1,0.5000305,1,0.5000252,1,0.5000278,1,0.5004523,
1,0.5499987,1,0.5500093,1,0.5500146,1,0.5500119,1,0.5500093,1,0.5500066,1,0.5500278,1,0.5500225,1,0.5500252,1,0.5504072,
1,0.5999987,1,0.6000066,1,0.6000119,1,0.6000119,1,0.6000093,1,0.6000066,1,0.6000252,1,0.6000199,1,0.6000226,1,0.6003621,
1,0.6499987,1,0.6500067,1,0.650012,1,0.6500093,1,0.6500093,1,0.650004,1,0.6500199,1,0.6500173,1,0.6500199,1,0.6503171,
1,0.6999987,1,0.700004,1,0.7000093,1,0.7000093,1,0.7000066,1,0.700004,1,0.7000173,1,0.7000146,1,0.7000173,1,0.700272,
1,0.7499987,1,0.750004,1,0.7500066,1,0.7500066,1,0.750004,1,0.750004,1,0.7500146,1,0.7500119,1,0.7500146,1,0.7502269,
1,0.7999987,1,0.800004,1,0.8000066,1,0.800004,1,0.800004,1,0.8000013,1,0.8000119,1,0.8000093,1,0.8000093,1,0.8001791,
1,0.8499987,1,0.8500013,1,0.850004,1,0.850004,1,0.850004,1,0.8500013,1,0.8500093,1,0.8500066,1,0.8500066,1,0.850134,
1,0.8999987,1,0.9000013,1,0.9000013,1,0.9000013,1,0.9000013,1,0.9000013,1,0.900004,1,0.900004,1,0.900004,1,0.9000889,
1,0.9499987,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9499987,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500438,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.8998023,0,0.8191274,0,0.4653706,0,0.4532169,0,0.3951992,0,0.3618155,0,0.5016118,0,0.4609294,0,0.4818224,0,0.4845604,
0.97,0.9098231,0.98,0.8372135,0.97,0.5188329,0.98,0.5078943,0.98,0.4556789,0.99,0.4256328,0.98,0.5514499,0.99,0.5148374,0.99,0.5336398
,0.99,0.5361045,
0.97,0.9148321,0.98,0.8462578,0.98,0.5455654,0.98,0.5352343,0.99,0.4859188,0.99,0.457544,0.98,0.5763703,0.99,0.54179,0.99,0.5595497,0.
99,0.5618765,
0.97,0.9198411,0.98,0.8553022,0.98,0.5722952,0.98,0.5625743,0.99,0.5161586,0.99,0.4894527,0.99,0.6012881,0.99,0.5687427,0.99,0.5854571
,0.99,0.5876486,
0.97,0.9248527,0.98,0.8643466,0.98,0.5990276,0.98,0.5899116,0.99,0.5463985,0.99,0.5213613,0.99,0.6262085,0.99,0.5956954,0.99,0.6113671
,0.99,0.6134206,

0.98,0.9298618,0.98,0.8733882,0.98,0.6257601,0.98,0.6172517,0.99,0.5766383,0.99,0.5532699,0.99,0.6511289,0.99,0.6226507,0.99,0.6372745
,0.99,0.6391926,
0.98,0.9348708,0.98,0.8824326,0.98,0.6524899,0.98,0.6445917,0.99,0.6068781,0.99,0.5851786,0.99,0.6760467,0.99,0.6496034,0.99,0.6631845
,0.99,0.6649647,
0.98,0.9398798,0.98,0.891477,0.98,0.6792224,0.98,0.6719291,0.99,0.637118,0.99,0.6170898,0.99,0.7009671,0.99,0.6765561,0.99,0.6890919,0
.99,0.6907368,
0.98,0.9448915,0.98,0.9005187,0.98,0.7059522,0.99,0.6992691,0.99,0.6673578,0.99,0.6489984,0.99,0.7258848,0.99,0.7035114,0.99,0.7150019
,0.99,0.7165088,
0.98,0.9499005,0.98,0.9095631,0.98,0.7326847,0.99,0.7266091,0.99,0.6976003,0.99,0.6809071,0.99,0.7508052,0.99,0.730464,0.99,0.7409092,
0.99,0.7422782,
0.98,0.9549095,0.98,0.9186074,0.98,0.7594171,0.99,0.7539465,0.99,0.7278401,0.99,0.7128157,0.99,0.7757256,0.99,0.7574167,0.99,0.7668192
,0.99,0.7680503,
0.98,0.9599212,0.98,0.9276491,0.99,0.7861469,0.99,0.7812865,0.99,0.7580799,0.99,0.7447243,0.99,0.8006434,0.99,0.784372,0.99,0.7927292,
0.99,0.7938223,
0.98,0.9649302,0.98,0.9366935,0.99,0.8128794,0.99,0.8086239,0.99,0.7883198,0.99,0.7766356,0.99,0.8255638,0.99,0.8113247,0.99,0.8186366
,0.99,0.8195943,
0.98,0.9699392,0.99,0.9457378,0.99,0.8396092,0.99,0.8359638,0.99,0.8185596,0.99,0.8085443,0.99,0.8504815,0.99,0.8382773,0.99,0.8445466
,0.99,0.8453664,
0.98,0.9749483,0.99,0.9547795,0.99,0.8663417,0.99,0.8633039,0.99,0.8487995,0.99,0.8404529,0.99,0.8754019,0.99,0.8652326,0.99,0.870454,
0.99,0.8711385,
0.99,0.97996,0.99,0.9638239,0.99,0.8930742,0.99,0.8906413,0.99,0.8790393,0.99,0.8723615,0.99,0.9003224,0.99,0.8921853,0.99,0.896364,0.
99,0.8969105,
0.99,0.984969,0.99,0.9728683,0.99,0.9198039,0.99,0.9179813,0.99,0.9092792,0.99,0.9042701,0.99,0.9252401,0.99,0.919138,0.99,0.9222713,1
,0.9226825,
0.99,0.989978,0.99,0.9819126,0.99,0.9465364,0.99,0.9453213,1,0.939519,1,0.9361814,0.99,0.9501605,1,0.9460907,1,0.9481813,1,0.9484546,
0.99,0.9949896,0.99,0.9909543,1,0.9732662,1,0.9726586,1,0.9697588,1,0.9680901,1,0.9750783,1,0.973046,1,0.9740887,1,0.9742267,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9991232,0,0,0,0.9745291,0,0.9702337,0,0.9091836,0,0.8942654,0,0,0,0.9904847,0,0,0,0,
0.03,0.9992107,0,9.999868E-02,0.03,0.9770761,0.03,0.9732105,0.02,0.9182652,0.02,0.9048379,0,9.999868E-02,0.02,0.9914372,0,9.999868E-
02,0,9.999868E-02,
0.03,0.9992558,0,0.1499987,0.03,0.9783495,0.03,0.9746989,0.02,0.9228046,0.02,0.9101255,0,0.1499987,0.02,0.9919121,0,0.1499987,0,0.1499
987,
0.03,0.9992983,0,0.1999987,0.03,0.979623,0.03,0.9761872,0.02,0.9273466,0.02,0.9154131,0,0.1999987,0.02,0.992387,0,0.1999987,0,0.199998
7,
0.03,0.9993407,0,0.2499987,0.03,0.9808965,0.03,0.9776756,0.02,0.9318888,0.02,0.920698,0,0.2499987,0.02,0.9928619,0,0.2499987,0,0.24999
87,
0.03,0.9993858,0,0.2999987,0.03,0.98217,0.03,0.979164,0.02,0.9364281,0.04,0.9259856,0,0.2999987,0.02,0.9933394,0,0.2999987,0,0.2999987
,
0.03,0.9994309,0,0.3499987,0.03,0.9834434,0.03,0.9806524,0.03,0.9409676,0.04,0.9312732,0,0.3499987,0.02,0.9938143,0,0.3499987,0,0.3499
987,

0.03,0.9994733,0,0.3999987,0.03,0.9847169,0.03,0.9821408,0.03,0.9455097,0.05,0.9365581,0,0.3999987,0.02,0.9942892,0,0.3999987,0,0.3999987,
0.03,0.9995158,0,0.4499987,0.03,0.9859904,0.03,0.9836292,0.03,0.9500517,0.96,0.9418458,0,0.4499987,0.02,0.9947668,0,0.4499987,0,0.4499987,
0.03,0.9995609,0,0.4999987,0.03,0.9872639,0.03,0.9851149,0.05,0.9545912,0.96,0.9471334,0,0.4999987,0.02,0.9952417,0,0.4999987,0,0.4999987,
0.03,0.999606,0,0.5499987,0.03,0.9885374,0.03,0.9866033,0.95,0.9591306,0.96,0.9524183,0,0.5499987,0.02,0.9957166,0,0.5499987,0,0.5499987,
0.03,0.9996485,0,0.5999987,0.03,0.9898108,0.03,0.9880916,0.95,0.9636726,0.96,0.9577059,0,0.5999987,0.02,0.9961941,0,0.5999987,0,0.5999987,
0.03,0.9996909,0,0.6499987,0.03,0.9910843,0.03,0.98958,0.96,0.9682148,0.96,0.9629908,0,0.6499987,0.02,0.9966691,0,0.6499987,0,0.6499987,
0.03,0.999736,0,0.6999987,0.03,0.9923578,0.03,0.9910684,0.96,0.9727542,0.96,0.9682784,0,0.6999987,0.02,0.997144,0,0.6999987,0,0.6999987,
0.03,0.9997811,0,0.7499987,0.03,0.9936313,0.03,0.9925568,0.96,0.9772936,0.97,0.973566,0,0.7499987,0.02,0.9976215,0,0.7499987,0,0.7499987,
0.03,0.9998236,0,0.7999987,0.03,0.9949048,0.03,0.9940451,0.96,0.9818357,0.97,0.978851,0,0.7999987,0.02,0.9980964,0,0.7999987,0,0.7999987,
0.03,0.999866,0,0.8499987,0.03,0.9961782,0.03,0.9955335,0.96,0.9863778,0.98,0.9841385,0,0.8499987,0.02,0.9985713,0,0.8499987,0,0.8499987,
0.03,0.9999111,0,0.8999987,0.03,0.9974517,0.03,0.9970219,0.97,0.9909171,0.98,0.9894261,0,0.8999987,0.02,0.9990462,0,0.8999987,0,0.8999987,
0.03,0.9999563,0,0.9499987,0.03,0.9987252,0.03,0.9985103,0.97,0.9954566,0.98,0.9947111,0,0.9499987,0.02,0.9995238,0,0.9499987,0,0.9499987,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,2.25512E-05,0,6.765361E-05,0,1.180622E-04,0,9.949061E-05,0,7.561286E-05,0,6.500053E-05,0,6.350154E-03,0,4.304627E-03,0,8.493844E-03,0,9.915898E-03,
0.99,0.1000199,0.03,0.1000597,0.04,0.1001048,0.03,0.1000889,0.03,0.1000677,0.03,0.100057,0.02,0.1057161,0.02,0.1038748,0.01,0.1076449,0.01,0.1089236,
0.99,0.1500199,0.03,0.150057,0.04,0.1500995,0.04,0.1500836,0.04,0.150065,0.99,0.1500544,0.02,0.1553977,0.02,0.1536599,0.02,0.1572204,0.01,0.1584275,
0.99,0.2000172,0.99,0.2000544,0.04,0.2000942,0.04,0.2000783,0.99,0.2000597,0.99,0.2000517,0.02,0.2050793,0.02,0.2034424,0.02,0.2067959,0.02,0.2079314,
0.99,0.2500173,1,0.2500517,0.99,0.2500889,0.99,0.250073,0.99,0.250057,0.99,0.2500491,0.02,0.2547636,0.99,0.2532275,0.02,0.2563714,0.02,0.2574379,
0.99,0.3000146,1,0.3000464,0.99,0.3000836,0.99,0.3000703,0.99,0.3000517,0.99,0.3000464,0.99,0.3044452,1,0.3030126,1,0.3059442,1,0.3069418,
0.99,0.3500146,1,0.3500438,0.99,0.3500756,0.99,0.350065,0.99,0.3500491,0.99,0.3500411,1,0.3541269,1,0.3527977,1,0.3555197,1,0.3564457,
0.99,0.4000119,1,0.4000411,0.99,0.4000703,0.99,0.4000597,0.99,0.4000438,0.99,0.4000385,1,0.4038085,1,0.4025828,1,0.4050952,1,0.4059495,

0.99,0.4500119,1,0.4500358,0.99,0.450065,0.99,0.4500544,0.99,0.4500411,0.99,0.4500358,1,0.4534928,1,0.4523679,1,0.4546708,1,0.4554534,
0.99,0.5000093,1,0.5000331,0.99,0.500057,0.99,0.5000491,0.99,0.5000358,0.99,0.5000305,1,0.5031744,1,0.502153,1,0.5042462,1,0.5049573,
1,0.5500093,1,0.5500305,0.99,0.5500517,0.99,0.5500438,0.99,0.5500332,0.99,0.5500278,1,0.552856,1,0.5519354,1,0.5538217,1,0.5544612,
1,0.6000093,1,0.6000252,0.99,0.6000465,0.99,0.6000385,0.99,0.6000305,0.99,0.6000252,1,0.6025403,1,0.6017205,1,0.6033973,1,0.603965,
1,0.6500067,1,0.6500226,0.99,0.6500411,1,0.6500332,0.99,0.6500252,0.99,0.6500226,1,0.652222,1,0.6515056,1,0.6529728,1,0.6534689,
1,0.7000066,1,0.7000199,1,0.7000358,1,0.7000279,1,0.7000226,1,0.7000199,1,0.7019036,1,0.7012907,1,0.7025483,1,0.7029728,
1,0.750004,1,0.7500146,1,0.7500278,1,0.7500252,1,0.7500172,1,0.7500146,1,0.7515852,1,0.7510758,1,0.7521212,1,0.7524766,
1,0.800004,1,0.8000119,1,0.8000225,1,0.8000199,1,0.8000146,1,0.8000119,1,0.8012695,1,0.8008609,1,0.8016967,1,0.8019832,
1,0.8500013,1,0.8500093,1,0.8500172,1,0.8500146,1,0.8500093,1,0.8500093,1,0.8509511,1,0.8506434,1,0.8512722,1,0.851487,
1,0.9000013,1,0.9000067,1,0.9000093,1,0.9000093,1,0.9000067,1,0.900004,1,0.9006327,1,0.9004285,1,0.9008477,1,0.9009909,
1,0.9499987,1,0.9500013,1,0.950004,1,0.950004,1,0.9500013,1,0.9500013,1,0.950317,1,0.9502136,1,0.9504232,1,0.9504948,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9948623,0,0.9893466,0,0.9338149,0,0.9296654,0,0.9071302,0,0.8937241,0,0.9444564,0,0.9332445,0,0.9404582,0,0.941278,
0.93,0.995377,0.94,0.9904104,0.93,0.9404343,0.94,0.9366988,0.95,0.9164159,0.96,0.9043524,0.96,0.9500093,0.96,0.9399196,0.96,0.9464117,
0.97,0.9471493,
0.93,0.9956317,0.94,0.9909437,0.93,0.9437427,0.94,0.9402141,0.95,0.9210615,0.96,0.9096665,0.96,0.952787,0.96,0.9432572,0.96,0.9493884,
0.97,0.9500862,
0.93,0.9958891,0.94,0.991477,0.94,0.9470511,0.94,0.9437321,0.96,0.9257044,0.96,0.914978,0.96,0.9555649,0.96,0.9465948,0.96,0.9523652,0
.97,0.9530232,
0.93,0.9961464,0.94,0.9920102,0.94,0.9503595,0.94,0.9472501,0.96,0.9303473,0.96,0.9202921,0.96,0.9583426,0.96,0.9499323,0.97,0.955342,
0.97,0.9559575,
0.93,0.9964038,0.94,0.9925435,0.94,0.9536706,0.95,0.9507654,0.96,0.9349902,0.96,0.9256063,0.96,0.9611204,0.96,0.9532699,0.97,0.9583214
,0.97,0.9588944,
0.93,0.9966611,0.94,0.9930741,0.94,0.9569789,0.95,0.9542807,0.96,0.9396331,0.96,0.9309204,0.96,0.9638955,0.96,0.9566075,0.97,0.9612982
,0.97,0.9618315,
0.93,0.9969158,0.94,0.9936074,0.95,0.9602873,0.95,0.9577987,0.96,0.9442786,0.97,0.9362345,0.96,0.9666733,0.97,0.9599451,0.97,0.9642749
,0.97,0.9647657,
0.93,0.9971731,0.95,0.9941407,0.95,0.9635984,0.96,0.9613167,0.97,0.9489215,0.97,0.9415486,0.97,0.9694511,0.97,0.9632826,0.97,0.9672517
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0.98,0.973574,
0.95,0.9979452,0.96,0.9957379,0.96,0.9735262,0.96,0.9718654,0.97,0.9628502,0.97,0.9574883,0.97,0.9777818,0.97,0.9732981,0.98,0.9761819
,0.98,0.9765109,
0.95,0.9981999,0.96,0.9962711,0.96,0.9768346,0.96,0.9753833,0.97,0.9674957,0.97,0.9628025,0.97,0.9805595,0.97,0.9766356,0.98,0.9791587
,0.98,0.9794452,
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0.98,0.9823822,
0.95,0.9987146,0.96,0.997335,0.96,0.983454,0.96,0.9824141,0.97,0.9767815,0.98,0.9734307,0.97,0.9861124,0.98,0.9833108,0.98,0.9851149,0
.98,0.9853191,

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,0.98,0.9882535,
0.96,0.9992293,0.96,0.9984015,0.97,0.9900708,0.97,0.98945,0.98,0.9860674,0.98,0.9840563,0.97,0.991668,0.98,0.9899859,0.98,0.9910684,0.
98,0.9911904,
0.97,0.999484,0.97,0.9989321,0.97,0.9933792,0.98,0.9929653,0.98,0.9907129,0.98,0.9893704,0.98,0.9944431,0.98,0.9933235,0.98,0.9940451,
0.99,0.9941274,
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,0.99,0.9970617,
0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,2.785737E-05,0,1.207153E-04,0,0.3584275,0,0.8904529,0,0.8956051,0,0
0.57,0.1000252,0.04,0.1001074,0.24,0.4225844,0.13,0.9014075,0.01,0.906045,0,9.999868E-02
1,0.1500226,0.17,0.1501021,0.37,0.4546628,0.13,0.9068861,0.01,0.9112636,0,0.1499987

1,0.2000225,0.29,0.2000968,0.66,0.4867412,0.23,0.912362,0.01,0.916485,0,0.1999987
1,0.2500199,0.43,0.2500889,0.94,0.5188196,0.23,0.917838,0.01,0.9217035,0,0.2499987
1,0.3000199,0.65,0.3000836,0.95,0.5508981,0.23,0.9233166,0.01,0.9269221,0,0.2999987
1,0.3500172,0.99,0.3500783,0.95,0.5829765,0.3,0.9287952,0.01,0.9321434,0,0.3499987
1,0.4000172,0.99,0.400073,0.95,0.6150549,0.4,0.9342712,0.12,0.937362,0,0.3999987
1,0.4500146,1,0.450065,0.95,0.6471334,0.5,0.9397472,0.12,0.9425833,0,0.4499987
1,0.5000146,1,0.5000597,0.95,0.6792144,0.64,0.9452258,0.13,0.9478019,0,0.4999987
1,0.5500119,1,0.5500544,0.95,0.7112929,0.75,0.9507044,0.13,0.9530205,0,0.5499987
1,0.6000093,1,0.6000465,0.95,0.7433712,0.83,0.9561803,0.14,0.9582418,0,0.5999987
1,0.6500093,1,0.6500411,0.95,0.7754497,0.92,0.9616563,0.22,0.9634604,0,0.6499987
1,0.7000066,1,0.7000358,0.96,0.8075281,0.92,0.967135,0.23,0.9686817,0,0.6999987
1,0.7500066,1,0.7500305,0.98,0.8396065,0.93,0.9726136,0.23,0.9739003,0,0.7499987
1,0.800004,1,0.8000225,0.98,0.871685,0.93,0.9780895,0.23,0.9791189,0,0.7999987
1,0.850004,1,0.8500172,0.99,0.9037634,0.93,0.9835654,0.23,0.9843402,0,0.8499987
1,0.9000013,1,0.900012,0.99,0.9358418,0.93,0.9890441,0.23,0.9895588,0,0.8999987
1,0.9500013,1,0.950004,1,0.9679202,0.94,0.9945227,0.24,0.9947801,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.98,0.9999987,0.3,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99761, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,0.3082874, %
Acceptable Depth in Reach,1,8.709517, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,5.120436E-02, %
Optimum Velocity in Reach,2,99.99416, %
Acceptable Velocity in Reach,2,99.99814, %
Optimum Depth in Reach,2,0.7457796, %
Acceptable Depth in Reach,2,17.12693, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.99098, %
Acceptable Velocity in Reach,3,99.99655, %
Optimum Depth in Reach,3,5.37805, %
Acceptable Depth in Reach,3,53.04348, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,2.047909, %
Optimum Velocity in Reach,4,99.9923, %
Acceptable Velocity in Reach,4,99.99734, %
Optimum Depth in Reach,4,5.684481, %
Acceptable Depth in Reach,4,54.02034, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,2.375829, %

Optimum Velocity in Reach,5,99.99336, %
Acceptable Velocity in Reach,5,99.99841, %
Optimum Depth in Reach,5,7.787838, %
Acceptable Depth in Reach,5,60.38374, %
Optimum Depth & Velocity in Reach,5,3.873491E-02, %
Acceptable Depth & Velocity in Reach,5,7.656246, %
Optimum Velocity in Reach,6,99.99496, %
Acceptable Velocity in Reach,6,99.99841, %
Optimum Depth in Reach,6,9.086254, %
Acceptable Depth in Reach,6,63.55364, %
Optimum Depth & Velocity in Reach,6,2.225135, %
Acceptable Depth & Velocity in Reach,6,9.056274, %
Optimum Velocity in Reach,7,99.98276, %
Acceptable Velocity in Reach,7,99.99443, %
Optimum Depth in Reach,7,4.359269, %
Acceptable Depth in Reach,7,48.88663, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.98806, %
Acceptable Velocity in Reach,8,99.99576, %
Optimum Depth in Reach,8,5.332152, %
Acceptable Depth in Reach,8,53.00182, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0.7930044, %
Optimum Velocity in Reach,9,99.98222, %
Acceptable Velocity in Reach,9,99.9947, %
Optimum Depth in Reach,9,4.760149, %
Acceptable Depth in Reach,9,50.63422, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.98222, %
Acceptable Velocity in Reach,10,99.99522, %
Optimum Depth in Reach,10,4.616883, %
Acceptable Depth in Reach,10,49.83803, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.98987, %
Acceptable Velocity in Stream,99.99684, %
Optimum Depth in Stream,4.805914, %
Acceptable Depth in Stream,23.87617, %
Optimum Depth & Velocity in Stream,0.226387, %
Acceptable Depth & Velocity in Stream,2.198047, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99734, %

```
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,0.5136355, %
Acceptable Depth in Reach,1,10.01961, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0.0875515, %
Optimum Velocity in Reach,2,99.99284, %
Acceptable Velocity in Reach,2,99.99761, %
Optimum Depth in Reach,2,1.06521, %
Acceptable Depth in Reach,2,18.08708, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.98779, %
Acceptable Velocity in Reach,3,99.99628, %
Optimum Depth in Reach,3,6.618362, %
Acceptable Depth in Reach,3,53.46266, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,2.546953, %
Optimum Velocity in Reach,4,99.98965, %
Acceptable Velocity in Reach,4,99.99655, %
Optimum Depth in Reach,4,7.033304, %
Acceptable Depth in Reach,4,54.67804, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,2.976486, %
Optimum Velocity in Reach,5,99.99204, %
Acceptable Velocity in Reach,5,99.99708, %
Optimum Depth in Reach,5,9.286827, %
Acceptable Depth in Reach,5,60.47978, %
Optimum Depth & Velocity in Reach,5,0.0665922, %
Acceptable Depth & Velocity in Reach,5,9.081478, %
Optimum Velocity in Reach,6,99.9931, %
Acceptable Velocity in Reach,6,99.99788, %
Optimum Depth in Reach,6,10.62743, %
Acceptable Depth in Reach,6,63.81815, %
Optimum Depth & Velocity in Reach,6,2.630525, %
Acceptable Depth & Velocity in Reach,6,10.5733, %
Optimum Velocity in Reach,7,99.97373, %
Acceptable Velocity in Reach,7,99.99336, %
Optimum Depth in Reach,7,5.554214, %
Acceptable Depth in Reach,7,49.83856, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.98249, %
Acceptable Velocity in Reach,8,99.99443, %
Optimum Depth in Reach,8,6.675405, %
Acceptable Depth in Reach,8,53.90679, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0.9513931, %
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Optimum Velocity in Reach,9,99.97665, %
Acceptable Velocity in Reach,9,99.9939, %
Optimum Depth in Reach,9,5.954033, %
Acceptable Depth in Reach,9,51.81749, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.97692, %
Acceptable Velocity in Reach,10,99.99336, %
Optimum Depth in Reach,10,5.872053, %
Acceptable Depth in Reach,10,51.54369, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.98625, %
Acceptable Velocity in Stream,99.99599, %
Optimum Depth in Stream,5.920047, %
Acceptable Depth in Stream,24.47316, %
Optimum Depth & Velocity in Stream,0.2697117, %
Acceptable Depth & Velocity in Stream,2.621716, %
```

Stream Health Run 10

Run Date,6/11/2002
Run Time,7:32:30 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\LowDensityRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Fantail Darter.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8748,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,2.341307,Index,1
90-10 Range ,88.0403,Index,1
Number of Storms 3x Median,8532,Index,3
Number of High Flow Events,432,Index,1
High Flow Duration (hrs) ,16878,Index,1
Number of Low Flow Events ,77,Index,1
Low Flow Duration (hrs) ,11248,Index,1
Overall Index,1.222222
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,2.785737E-05,0,4.377587E-05,0,3.316353E-05,0,2.785737E-05,0,1.459196E-05,0,5.969436E-05,0,5.43882E-05,0,7.786799E-04,0,1.489706E-03,
1,0.1000013,1,0.1000252,1,0.1000385,1,0.1000305,1,0.1000252,1,0.1000119,0.03,0.1000544,1,0.1000491,0.03,0.1007017,0.03,0.1013411,
1,0.1500013,1,0.1500226,1,0.1500358,1,0.1500279,1,0.1500226,1,0.1500119,1,0.1500517,1,0.1500464,1,0.1506619,1,0.1512668,
1,0.2000013,1,0.2000225,1,0.2000358,1,0.2000252,1,0.2000225,1,0.2000119,1,0.2000464,1,0.2000438,1,0.2006221,1,0.2011926,
1,0.2500013,1,0.2500199,1,0.2500332,1,0.2500252,1,0.2500199,1,0.2500093,1,0.2500438,1,0.2500411,1,0.2505823,1,0.2511183,
1,0.3000013,1,0.3000199,1,0.3000305,1,0.3000225,1,0.3000199,1,0.3000093,1,0.3000411,1,0.3000385,1,0.3005452,1,0.3010413,

1,0.3500013,1,0.3500172,1,0.3500279,1,0.3500199,1,0.3500172,1,0.3500093,1,0.3500385,1,0.3500358,1,0.3505054,1,0.350967,
1,0.4000013,1,0.4000172,1,0.4000252,1,0.4000199,1,0.4000172,1,0.4000093,1,0.4000358,1,0.4000332,1,0.4004656,1,0.4008928,
1,0.4500013,1,0.4500146,1,0.4500225,1,0.4500172,1,0.4500146,1,0.4500066,1,0.4500332,1,0.4500305,1,0.4504285,1,0.4508185,
1,0.4999987,1,0.5000146,1,0.5000199,1,0.5000146,1,0.5000146,1,0.5000066,1,0.5000305,1,0.5000252,1,0.5003887,1,0.5007442,
1,0.5499987,1,0.5500119,1,0.5500199,1,0.5500146,1,0.5500119,1,0.5500066,1,0.5500252,1,0.5500225,1,0.5503489,1,0.5506699,
1,0.5999987,1,0.6000093,1,0.6000172,1,0.6000119,1,0.6000093,1,0.600004,1,0.6000226,1,0.6000199,1,0.6003118,1,0.6005956,
1,0.6499987,1,0.6500093,1,0.6500146,1,0.650012,1,0.6500093,1,0.650004,1,0.6500199,1,0.6500173,1,0.650272,1,0.6505213,
1,0.6999987,1,0.7000066,1,0.700012,1,0.7000093,1,0.7000066,1,0.700004,1,0.7000173,1,0.7000146,1,0.7002321,1,0.700447,
1,0.7499987,1,0.7500066,1,0.7500093,1,0.7500066,1,0.7500066,1,0.750004,1,0.7500146,1,0.7500119,1,0.750195,1,0.7503701,
1,0.7999987,1,0.800004,1,0.8000066,1,0.8000066,1,0.800004,1,0.8000013,1,0.8000119,1,0.8000093,1,0.8001552,1,0.8002958,
1,0.8499987,1,0.850004,1,0.8500066,1,0.850004,1,0.850004,1,0.8500013,1,0.8500066,1,0.8500066,1,0.8501154,1,0.8502215,
1,0.8999987,1,0.9000013,1,0.900004,1,0.9000013,1,0.9000013,1,0.9000013,1,0.900004,1,0.900004,1,0.9000756,1,0.9001473,
1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500385,1,0.9500729,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9130014,0,0.8288854,0,0.4704805,0,0.4608392,0,0.397664,0,0.3663682,0,0.5118685,0,0.4709474,0,0.4944935,0,0.5024501,
0.97,0.9217009,0.97,0.8459978,0.06,0.5234333,0.04,0.5147551,0.03,0.4578969,0.03,0.4297318,0.04,0.5606827,0.03,0.5238525,0.03,0.5450427
,0.03,0.552206,
0.97,0.926052,0.98,0.8545514,0.97,0.5499085,0.98,0.5417131,0.98,0.4880147,0.03,0.4614122,0.98,0.5850884,0.98,0.5503064,0.99,0.5703186,
0.99,0.5770813,
0.97,0.9304004,0.98,0.8631076,0.97,0.5763836,0.98,0.568671,0.98,0.5181298,0.98,0.4930953,0.98,0.609494,0.99,0.5767577,0.99,0.5955946,0
.99,0.6019593,
0.97,0.9347514,0.98,0.8716637,0.98,0.6028587,0.98,0.595629,0.98,0.5482476,0.99,0.5247758,0.98,0.6338997,0.99,0.6032089,0.99,0.6208705,
0.99,0.6268373,
0.97,0.9390998,0.98,0.8802199,0.98,0.6293365,0.98,0.622587,0.99,0.5783654,0.99,0.5564563,0.99,0.6583081,0.99,0.6296628,0.99,0.6461464,
0.99,0.6517152,
0.97,0.9434509,0.98,0.8887761,0.98,0.6558116,0.98,0.649545,0.99,0.6084806,0.99,0.5881394,0.99,0.6827139,0.99,0.6561167,0.99,0.6714197,
0.99,0.6765932,
0.98,0.9477993,0.98,0.8973297,0.98,0.6822867,0.98,0.6765029,0.99,0.6385984,0.99,0.6198199,0.99,0.7071195,0.99,0.6825679,0.99,0.6966956
,0.99,0.7014685,
0.98,0.9521503,0.98,0.9058859,0.98,0.7087644,0.98,0.7034609,0.99,0.6687135,0.99,0.651503,0.99,0.7315279,0.99,0.7090192,0.99,0.7219715,
0.99,0.7263464,
0.98,0.9564987,0.98,0.9144421,0.98,0.7352396,0.98,0.7304189,0.99,0.6988313,0.99,0.6831834,0.99,0.7559336,0.99,0.735473,0.99,0.7472448,
0.99,0.7512244,
0.98,0.9608498,0.98,0.9229982,0.98,0.7617147,0.99,0.7573769,0.99,0.7289491,0.99,0.7148639,0.99,0.7803393,0.99,0.7619269,0.99,0.7725207
,0.99,0.7761024,
0.98,0.9652008,0.98,0.9315544,0.98,0.7881925,0.99,0.7843349,0.99,0.7590643,0.99,0.746547,0.99,0.8047477,0.99,0.7883782,0.99,0.7977966,
0.99,0.8009803,
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0.99,0.8258556,
0.98,0.9739003,0.98,0.9486642,0.99,0.8411427,0.99,0.8382508,0.99,0.8192972,0.99,0.8099106,0.99,0.8535591,0.99,0.8412833,0.99,0.8483484
,0.99,0.8507336,

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0.99,0.8756115,
0.98,0.9825997,0.99,0.9657766,0.99,0.8940955,0.99,0.8921668,0.99,0.8795328,0.99,0.8732715,0.99,0.9023732,0.99,0.8941884,0.99,0.8988976
,0.99,0.9004895,
0.99,0.9869481,0.99,0.9743327,0.99,0.9205707,0.99,0.9191247,0.99,0.9096479,0.99,0.9049546,0.99,0.9267789,0.99,0.9206396,0.99,0.9241736
,0.99,0.9253675,
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,0.99,0.9502428,
0.99,0.9956476,0.99,0.9914425,0.99,0.9735236,0.99,0.9730407,0.99,0.9698809,0.99,0.9683182,0.99,0.975593,0.99,0.9735475,0.99,0.9747227,
1,0.9751207,
0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9523785,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7159013,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9571407,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7443104,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.02,0.9729611,0.02,0.9595206,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.7585151,0.01,0.7242505,0.01,0.7447005,
0.01,0.7517259,
0.02,0.9745529,0.02,0.961903,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.01,0.7727197,0.01,0.7404688,0.01,0.7597196,0.
01,0.7663311,
0.02,0.9761422,0.02,0.9642829,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.01,0.7869243,0.02,0.7566897,0.01,0.774736,
0.01,0.7809336,
0.02,0.977734,0.02,0.9666653,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.01,0.8011315,0.98,0.7729107,0.01,0.7897525,
0.01,0.7955388,
0.02,0.9793232,0.02,0.9690452,0.96,0.7861947,0.97,0.780135,0.98,0.74036,0.02,0.7203956,0.02,0.8153362,0.98,0.7891316,0.02,0.8047715,0.
02,0.8101441,
0.02,0.9809151,0.02,0.9714276,0.96,0.8026412,0.97,0.7970484,0.98,0.7603324,0.98,0.7419015,0.03,0.8295407,0.98,0.8053526,0.98,0.819788,
0.02,0.8247466,
0.03,0.9825042,0.02,0.9738075,0.97,0.8190876,0.97,0.8139592,0.98,0.7803048,0.98,0.76341,0.98,0.8437454,0.98,0.8215736,0.98,0.8348071,0
.98,0.8393518,
0.05,0.9840961,0.02,0.9761899,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.85795,0.98,0.8377945,0.98,0.8498236,0.
98,0.8539571,
0.96,0.9856853,0.02,0.9785697,0.97,0.8519805,0.97,0.847786,0.98,0.8202497,0.98,0.8064271,0.98,0.8721546,0.98,0.8540128,0.98,0.86484,0.
98,0.8685597,
0.96,0.9872745,0.02,0.9809495,0.97,0.868427,0.98,0.8646967,0.98,0.8402221,0.98,0.8279356,0.98,0.8863592,0.98,0.8702337,0.98,0.8798591,
0.98,0.8831649,
0.96,0.9888663,0.02,0.983332,0.97,0.8848734,0.98,0.8816102,0.98,0.8601944,0.98,0.8494415,0.98,0.9005638,0.98,0.8864547,0.98,0.8948756,
0.98,0.8977674,
0.96,0.9904555,0.02,0.9857118,0.97,0.9013199,0.98,0.8985236,0.98,0.8801669,0.99,0.87095,0.98,0.9147684,0.99,0.9026756,0.99,0.9098946,0
.99,0.9123726,
0.96,0.9920474,0.02,0.9880943,0.98,0.9177664,0.98,0.9154343,0.98,0.9001366,0.99,0.8924586,0.98,0.9289756,0.99,0.9188966,0.99,0.9249111
,0.99,0.9269779,

0.96,0.9936366,0.02,0.9904741,0.98,0.9342128,0.98,0.9323477,0.98,0.920109,0.99,0.9139671,0.98,0.9431803,0.99,0.9351175,0.99,0.9399276,
0.99,0.9415804,
0.96,0.9952284,0.04,0.9928566,0.98,0.9506593,0.98,0.9492611,0.98,0.9400815,0.99,0.9354757,0.99,0.9573849,0.99,0.9513358,0.99,0.9549467
,0.99,0.9561856,
0.98,0.9968176,0.04,0.9952364,0.98,0.9671057,0.98,0.9661745,0.98,0.9600539,0.99,0.9569816,0.99,0.9715894,0.99,0.9675568,0.99,0.9699631
,0.99,0.9707909,
0.98,0.9984095,0.97,0.9976189,0.98,0.9835522,0.98,0.9830853,0.99,0.9800262,0.99,0.9784901,0.99,0.9857941,0.99,0.9837777,0.99,0.9849823
,0.99,0.9853935,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.392869E-04,0,5.425555E-04,0,1.715218E-03,0,0.1631871,0,0.2125265,0,0.2308859,0,5.766476E-03,0,4.079115E-03,0,7.374244E-
03,0,8.249762E-03,
0.98,0.100126,0.02,0.1004868,0.03,0.1015428,0.03,0.246868,0.03,0.2912727,0.03,0.3077961,0.02,0.1051908,0.02,0.1036705,0.01,0.1066367,0
.01,0.1074247,
0.98,0.1501181,0.02,0.1504603,0.03,0.1514579,0.03,0.2887098,0.03,0.3306471,0.04,0.3462525,0.02,0.1549016,0.02,0.1534663,0.01,0.1562679
,0.01,0.1570134,
0.99,0.2001101,0.99,0.2004338,0.03,0.201373,0.03,0.3305489,0.04,0.3700215,0.98,0.384709,0.02,0.2046124,0.02,0.203262,0.01,0.2058991,0.
01,0.2065995,
0.99,0.2501048,0.99,0.2504072,0.98,0.2512854,0.04,0.3723907,0.98,0.4093959,0.99,0.4231654,0.02,0.2543232,0.03,0.2530603,0.02,0.2555304
,0.02,0.2561857,
0.99,0.3000968,0.99,0.3003807,0.98,0.3012005,0.98,0.4142298,0.99,0.4487676,0.99,0.4616192,0.02,0.3040367,0.99,0.3028561,0.02,0.3051616
,0.02,0.3057744,
0.99,0.3500889,0.99,0.3503515,0.98,0.3511156,0.99,0.4560716,0.99,0.488142,0.99,0.5000756,0.99,0.3537475,0.99,0.3526517,0.99,0.3547928,
0.99,0.3553632,
0.99,0.4000836,0.99,0.400325,0.99,0.4010281,0.99,0.4979107,0.99,0.5275164,0.99,0.5385321,0.99,0.4034583,0.99,0.4024475,0.99,0.404424,0
.99,0.4049493,
0.99,0.4500756,0.99,0.4502985,0.99,0.4509432,0.99,0.5397525,0.99,0.5668882,0.99,0.5769858,0.99,0.4531718,0.99,0.4522432,0.99,0.4540552
,0.99,0.4545355,
0.99,0.5000677,0.99,0.5002693,0.99,0.5008582,0.99,0.5815916,0.99,0.6062626,0.99,0.6154423,0.99,0.5028826,0.99,0.5020389,0.99,0.5036865
,1,0.5041242,
0.99,0.5500624,0.99,0.5502428,0.99,0.5507707,0.99,0.6234334,0.99,0.645637,0.99,0.6538987,0.99,0.5525934,0.99,0.5518346,0.99,0.5533177,
1,0.553713,
0.99,0.6000544,0.99,0.6002162,0.99,0.6006858,0.99,0.6652751,0.99,0.6850088,0.99,0.6923525,0.99,0.6023068,0.99,0.6016303,1,0.6029489,1,
0.6032991,
0.99,0.6500491,0.99,0.6501897,0.99,0.6505983,0.99,0.7071142,0.99,0.7243832,0.99,0.7308089,0.99,0.6520177,0.99,0.651426,1,0.6525801,1,0
.6528852,
0.99,0.7000411,0.99,0.7001632,0.99,0.7005134,0.99,0.748956,0.99,0.7637576,0.99,0.7692654,1,0.7017285,1,0.7012218,1,0.7022113,1,0.70247
4,
0.99,0.7500331,0.99,0.750134,0.99,0.7504285,0.99,0.7907951,0.99,0.8031293,0.99,0.8077192,1,0.751442,1,0.7510175,1,0.7518426,1,0.752062
8,
1,0.8000278,1,0.8001075,0.99,0.800341,0.99,0.8326369,0.99,0.8425037,0.99,0.8461756,1,0.8011528,1,0.8008158,1,0.8014738,1,0.8016489,

1,0.8500199,1,0.8500809,0.99,0.850256,0.99,0.874476,0.99,0.8818781,0.99,0.884632,1,0.8508636,1,0.8506115,1,0.851105,1,0.851235,
1,0.900012,1,0.9000517,0.99,0.9001711,0.99,0.9163178,0.99,0.9212525,0.99,0.9230884,1,0.9005744,1,0.9004073,1,0.9007362,1,0.9008238,
1,0.9500066,1,0.9500252,0.99,0.9500836,0.99,0.9581569,0.99,0.9606243,0.99,0.9615422,1,0.9502879,1,0.9502029,1,0.9503675,1,0.9504126,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9322283,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7153707,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9390043,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7438329,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.04,0.9729611,0.02,0.9423949,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.758064,0.01,0.7242505,0.01,0.7447005,0
.01,0.7517259,
0.96,0.9745529,0.04,0.9457829,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.02,0.7722952,0.01,0.7404688,0.01,0.7597196,0
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0.02,0.7809336,
0.96,0.977734,0.97,0.9525589,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.98,0.8007601,0.98,0.7729107,0.98,0.7897525,
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Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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02,0,9.999868E-02,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,3.051045E-05,0,5.054123E-04,0,0.3636355,0,0.5571381,0,0.5575175,0,0
0.57,0.1000279,0.04,0.100455,0.13,0.4272724,0.04,0.6014234,0.01,0.6017656,0,9.999868E-02
1,0.1500252,0.16,0.1504285,0.24,0.4590908,0.05,0.623566,0.02,0.6238897,0,0.1499987
1,0.2000252,0.29,0.2004046,0.24,0.4909092,0.13,0.6457113,0.03,0.6460137,0,0.1999987
1,0.2500226,0.36,0.2503781,0.37,0.522725,0.13,0.6678539,0.13,0.6681378,0,0.2499987
1,0.3000199,0.56,0.3003542,0.52,0.5545434,0.23,0.6899965,0.14,0.6902618,0,0.2999987
1,0.3500199,0.66,0.3503277,0.76,0.5863618,0.23,0.7121392,0.23,0.7123859,0,0.3499987
1,0.4000172,0.66,0.4003038,0.85,0.6181803,0.23,0.7342818,0.23,0.73451,0,0.3999987
1,0.4500172,0.68,0.4502772,0.95,0.6499987,0.37,0.7564244,0.24,0.7566341,0,0.4499987
1,0.5000146,0.76,0.5002534,0.95,0.6818171,0.51,0.7785671,0.3,0.7787581,0,0.4999987
1,0.5500119,0.99,0.5502269,0.95,0.7136355,0.64,0.8007123,0.51,0.8008822,0,0.5499987

1,0.6000119,0.99,0.6002003,0.95,0.745454,0.72,0.822855,0.66,0.8230062,0,0.5999987
1,0.6500093,0.99,0.6501764,0.95,0.7772723,0.72,0.8449976,0.72,0.8451303,0,0.6499987
1,0.7000093,0.99,0.7001499,0.95,0.8090908,0.82,0.8671402,0.82,0.8672543,0,0.6999987
1,0.7500066,0.99,0.750126,0.95,0.8409092,0.94,0.8892829,0.94,0.8893784,0,0.7499987
1,0.800004,0.99,0.8000995,0.95,0.872725,0.94,0.9114255,0.94,0.9115024,0,0.7999987
1,0.850004,0.99,0.8500756,0.95,0.9045434,0.94,0.9335708,0.94,0.9336265,0,0.8499987
1,0.9000013,0.99,0.9000491,0.97,0.9363618,0.94,0.9557134,0.94,0.9557506,0,0.8999987
1,0.9500013,0.99,0.9500252,0.98,0.9681802,0.94,0.977856,0.94,0.9778746,0,0.9499987
1,0.9999987,1,0.9999987,0.99,0.9999987,0.95,0.9999987,0.95,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,3.979624E-06,0,3.051045E-05,0,5.173511E-05,0,4.112278E-05,0,3.581662E-05,0,2.785737E-05,0,8.091903E-05,0,6.234745E-05,0,1.20052E-
03,0,2.36257E-03,
1,0.100004,1,0.1000279,0.07,0.1000464,0.06,0.1000358,1,0.1000332,1,0.1000252,0.03,0.100073,0.04,0.100057,0.03,0.1010811,0.02,0.1021264
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1,0.150004,1,0.1500252,1,0.1500438,1,0.1500358,1,0.1500305,1,0.1500226,1,0.1500677,1,0.1500517,1,0.1510201,1,0.1520071,
1,0.200004,1,0.2000252,1,0.2000411,1,0.2000332,1,0.2000279,1,0.2000225,1,0.200065,1,0.2000491,1,0.2009591,1,0.2018903,
1,0.250004,1,0.2500226,1,0.2500385,1,0.2500305,1,0.2500252,1,0.2500199,1,0.2500597,1,0.2500464,1,0.2509007,1,0.2517709,
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Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.8999403,0,0.819414,0,0.4668033,0,0.4548432,0,0.3976295,0,0.3647313,0,0.502734,0,0.4623753,0,0.4830614,0,0.4858471,

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0.98,0.9499695,0.98,0.9097063,0.98,0.733401,0.98,0.7274209,0.99,0.6988154,0.99,0.6823663,0.99,0.7513677,0.99,0.7311883,0.99,0.7415301,
0.99,0.7429229,
0.98,0.9549732,0.98,0.9187347,0.98,0.7600618,0.98,0.7546787,0.99,0.7289332,0.99,0.714129,0.99,0.7762297,0.99,0.7580693,0.99,0.7673764,
0.99,0.7686313,
0.98,0.9599743,0.98,0.9277658,0.98,0.78672,0.99,0.7819365,0.99,0.759051,0.99,0.7458917,0.99,0.8010917,0.99,0.7849504,0.99,0.7932227,0.
99,0.794337,
0.98,0.964978,0.98,0.9367943,0.98,0.8133808,0.99,0.8091943,0.99,0.7891688,0.99,0.7776544,0.99,0.8259565,0.99,0.8118314,0.99,0.8190717,
0.99,0.8200454,
0.98,0.9699817,0.98,0.9458227,0.99,0.840039,0.99,0.836452,0.99,0.8192866,0.99,0.8094171,0.99,0.8508185,0.99,0.8387125,0.99,0.844918,0.
99,0.8457537,
0.98,0.9749854,0.98,0.9548538,0.99,0.8666998,0.99,0.8637098,0.99,0.849407,0.99,0.8411825,0.99,0.8756832,0.99,0.8655935,0.99,0.8707644,
0.99,0.8714621,
0.98,0.9799865,0.99,0.9638823,0.99,0.8933607,0.99,0.8909676,0.99,0.8795248,0.99,0.8729452,0.99,0.9005452,0.99,0.8924745,0.99,0.8966107
,0.99,0.8971679,
0.99,0.9849902,0.99,0.9729107,0.99,0.9200189,0.99,0.9182253,0.99,0.9096426,0.99,0.9047079,0.99,0.9254099,0.99,0.9193556,0.99,0.922457,
0.99,0.9228762,
0.99,0.9899939,0.99,0.9819391,0.99,0.9466797,0.99,0.9454831,0.99,0.9397631,0.99,0.9364733,0.99,0.950272,0.99,0.9462366,0.99,0.948306,0
.99,0.9485846,
0.99,0.9949949,0.99,0.9909703,0.99,0.9733378,0.99,0.9727409,0.99,0.9698809,0.99,0.968236,0.99,0.9751366,0.99,0.9731176,0.99,0.9741523,
1,0.9742903,
0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9583824,0,0.9423525,0,0.6694564,0,0.6586583,0,0.5990038,0,0.5660419,0,0.7070479,0,0.6692203,0,0.6898241,0,0.6937878,
0.02,0.9625451,0.02,0.9481176,0.02,0.7025111,0.02,0.6927929,0.01,0.6391025,0.01,0.6094384,0.01,0.7363433,0.01,0.7022989,0.01,0.7208413
,0.01,0.7244097,

0.02,0.9646251,0.02,0.9509989,0.02,0.7190372,0.02,0.7098602,0.01,0.6591518,0.01,0.6311352,0.01,0.7509909,0.01,0.7188382,0.01,0.7363512
,0.01,0.7397206,
0.02,0.9667051,0.02,0.9538828,0.02,0.7355659,0.02,0.7269275,0.01,0.6792038,0.01,0.6528322,0.01,0.7656386,0.01,0.7353749,0.01,0.7518585
,0.01,0.7550289,
0.02,0.9687878,0.02,0.956764,0.04,0.7520919,0.03,0.7439921,0.02,0.6992531,0.01,0.6745318,0.01,0.7802863,0.02,0.7519142,0.01,0.7673684,
0.01,0.7703398,
0.02,0.9708678,0.02,0.9596453,0.04,0.768618,0.04,0.7610594,0.03,0.7193025,0.02,0.6962286,0.01,0.7949339,0.02,0.7684535,0.01,0.7828757,
0.01,0.7856508,
0.02,0.9729478,0.02,0.9625292,0.96,0.7851467,0.97,0.7781267,0.03,0.7393519,0.02,0.7179255,0.01,0.8095816,0.98,0.7849928,0.02,0.7983856
,0.01,0.8009617,
0.02,0.9750279,0.02,0.9654104,0.96,0.8016728,0.97,0.7951939,0.98,0.7594012,0.98,0.7396251,0.03,0.8242293,0.98,0.8015321,0.02,0.8138928
,0.02,0.8162727,
0.02,0.9771105,0.02,0.9682943,0.97,0.8182015,0.97,0.8122612,0.98,0.7794505,0.98,0.761322,0.03,0.838877,0.98,0.8180715,0.98,0.8294028,0
.98,0.8315836,
0.04,0.9791905,0.02,0.9711756,0.97,0.8347275,0.97,0.8293285,0.98,0.7994999,0.98,0.7830189,0.98,0.8535219,0.98,0.8346108,0.98,0.8449101
,0.98,0.8468946,
0.96,0.9812706,0.02,0.9740568,0.97,0.8512536,0.97,0.8463958,0.98,0.8195519,0.98,0.8047185,0.98,0.8681697,0.98,0.8511475,0.98,0.86042,0
.98,0.8622029,
0.96,0.9833533,0.02,0.9769408,0.97,0.8677823,0.98,0.863463,0.98,0.8396012,0.98,0.8264154,0.98,0.8828173,0.98,0.8676867,0.98,0.8759299,
0.98,0.8775138,
0.96,0.9854332,0.02,0.979822,0.97,0.8843083,0.98,0.8805304,0.98,0.8596506,0.98,0.848115,0.98,0.897465,0.98,0.8842261,0.98,0.8914372,0.
98,0.8928247,
0.96,0.9875132,0.02,0.9827059,0.97,0.9008371,0.98,0.8975976,0.98,0.8796999,0.99,0.8698119,0.98,0.9121127,0.99,0.9007654,0.99,0.9069471
,0.98,0.9081357,
0.96,0.9895933,0.02,0.9855871,0.98,0.9173631,0.98,0.9146649,0.98,0.8997493,0.99,0.8915088,0.98,0.9267603,0.99,0.9173048,0.99,0.9224544
,0.99,0.9234466,
0.96,0.991676,0.02,0.9884683,0.98,0.9338892,0.98,0.9317296,0.98,0.9197986,0.99,0.9132084,0.98,0.941408,0.99,0.933844,0.99,0.9379643,0.
99,0.9387575,
0.96,0.993756,0.04,0.9913523,0.98,0.9504179,0.98,0.9487968,0.98,0.9398506,0.99,0.9349053,0.98,0.9560556,0.99,0.9503807,0.99,0.9534715,
0.99,0.9540659,
0.98,0.995836,0.04,0.9942335,0.98,0.9669439,0.98,0.9658641,0.98,0.9599,0.99,0.9566022,0.99,0.9707033,0.99,0.96692,0.99,0.9689815,0.99,
0.9693768,
0.98,0.9979187,0.97,0.9971174,0.98,0.9834726,0.98,0.9829314,0.99,0.9799494,0.99,0.9783018,0.99,0.985351,0.99,0.9834594,0.99,0.9844887,
0.99,0.9846877,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,2.507163E-04,0,9.139871E-04,0,0.002474,0,0.1642643,0,0.2147843,0,0.2307453,0,7.692614E-03,0,5.487902E-03,0,9.838958E-03,0,1.131673E-
02,
0.98,0.1002268,0.02,0.1008211,0.03,0.1022273,0.03,0.2478391,0.03,0.2933049,0.03,0.3076714,0.01,0.1069232,0.02,0.1049387,0.01,0.1088547
,0.01,0.1101839,

0.98,0.1502136,0.02,0.150776,0.03,0.1521026,0.03,0.2896251,0.03,0.3325653,0.03,0.3461331,0.02,0.1565385,0.02,0.1546654,0.01,0.1583638,
0.01,0.1596188,
0.99,0.2002003,0.03,0.2007309,0.03,0.2019779,0.03,0.3314112,0.04,0.3718282,0.04,0.3845949,0.02,0.2061538,0.02,0.2043895,0.01,0.2078704
,0.01,0.2090537,
0.99,0.250187,0.99,0.2506858,0.05,0.2518558,0.04,0.3731972,0.98,0.4110886,0.99,0.4230593,0.02,0.2557691,0.02,0.2541163,0.02,0.2573796,
0.02,0.2584885,
0.99,0.3001738,0.99,0.3006407,0.98,0.3017311,0.04,0.4149833,0.99,0.4503489,0.99,0.461521,0.02,0.3053844,0.99,0.3038403,0.02,0.3068861,
0.02,0.3079208,
0.99,0.3501632,0.99,0.350593,0.98,0.3516064,0.98,0.456772,0.99,0.4896092,0.99,0.4999827,0.99,0.3549997,0.99,0.3535671,0.99,0.3563952,0
.99,0.3573557,
0.99,0.4001499,0.99,0.4005479,0.99,0.4014844,0.99,0.498558,0.99,0.5288695,0.99,0.5384471,0.99,0.404615,0.99,0.4032911,0.99,0.4059018,0
.99,0.4067906,
0.99,0.4501366,0.99,0.4505028,0.99,0.4513597,0.99,0.5403441,0.99,0.5681298,0.99,0.5769089,0.99,0.4542303,0.99,0.4530179,0.99,0.455411,
0.99,0.4562228,
0.99,0.500126,0.99,0.500455,0.99,0.501235,0.99,0.5821328,0.99,0.6073902,0.99,0.6153706,0.99,0.5038456,0.99,0.5027419,0.99,0.5049175,1,
0.5056577,
0.99,0.5501128,0.99,0.5504099,0.99,0.5511129,0.99,0.6239189,0.99,0.6466531,0.99,0.6538351,0.99,0.553461,0.99,0.5524687,0.99,0.5544267,
1,0.5550926,
0.99,0.6000995,0.99,0.6003648,0.99,0.6009883,0.99,0.6657049,0.99,0.6859134,0.99,0.6922968,0.99,0.6030763,0.99,0.6021954,1,0.6039358,1,
0.6045249,
0.99,0.6500862,0.99,0.6503197,0.99,0.6508662,0.99,0.707491,0.99,0.7251738,0.99,0.7307612,0.99,0.6526915,0.99,0.6519195,1,0.6534424,1,0
.6539598,
0.99,0.7000729,0.99,0.7002746,0.99,0.7007415,0.99,0.7492771,0.99,0.7644341,0.99,0.7692229,1,0.7023069,1,0.7016462,1,0.7029516,1,0.7033
946,
0.99,0.7500623,0.99,0.7502269,0.99,0.7506168,0.99,0.7910658,0.99,0.8036944,0.99,0.8076847,1,0.7519221,1,0.7513703,1,0.7524581,1,0.7528
269,
1,0.8000491,1,0.8001817,0.99,0.8004948,0.99,0.8328518,0.99,0.8429548,0.99,0.846149,1,0.8015375,1,0.801097,1,0.8019673,1,0.8022618,
1,0.8500358,1,0.8501366,0.99,0.8503701,0.99,0.8746378,0.99,0.8822177,0.99,0.8846108,1,0.8511528,1,0.8508211,1,0.8514738,1,0.8516967,
1,0.9000252,1,0.9000889,0.99,0.9002454,0.99,0.9164265,0.99,0.921478,0.99,0.9230725,1,0.900768,1,0.9005479,1,0.900983,1,0.9011315,
1,0.950012,1,0.9500438,0.99,0.9501234,0.99,0.9582126,0.99,0.9607384,0.99,0.9615369,1,0.9503834,1,0.950272,1,0.9504895,1,0.9505638,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9583824,0,0.9207272,0,0.6694564,0,0.6586583,0,0.5990038,0,0.5660419,0,0.7063448,0,0.6692203,0,0.6898241,0,0.6937878,
0.02,0.9625451,0.02,0.9286546,0.02,0.7025111,0.02,0.6927929,0.01,0.6391025,0.01,0.6094384,0.01,0.7357092,0.01,0.7022989,0.01,0.7208413
,0.01,0.7244097,
0.03,0.9646251,0.02,0.9326183,0.02,0.7190372,0.02,0.7098602,0.01,0.6591518,0.01,0.6311352,0.01,0.750394,0.01,0.7188382,0.01,0.7363512,
0.01,0.7397206,
0.04,0.9667051,0.04,0.936582,0.02,0.7355659,0.02,0.7269275,0.01,0.6792038,0.01,0.6528322,0.01,0.7650762,0.01,0.7353749,0.01,0.7518585,
0.01,0.7550289,
0.96,0.9687878,0.96,0.9405457,0.04,0.7520919,0.03,0.7439921,0.02,0.6992531,0.01,0.6745318,0.03,0.7797583,0.02,0.7519142,0.02,0.7673684
,0.02,0.7703398,

0.96,0.9708678,0.97,0.9445094,0.04,0.768618,0.04,0.7610594,0.03,0.7193025,0.02,0.6962286,0.03,0.7944404,0.02,0.7684535,0.02,0.7828757,
0.02,0.7856508,
0.96,0.9729478,0.97,0.9484732,0.96,0.7851467,0.97,0.7781267,0.03,0.7393519,0.02,0.7179255,0.98,0.8091226,0.98,0.7849928,0.98,0.7983856
,0.98,0.8009617,
0.96,0.9750279,0.97,0.9524369,0.96,0.8016728,0.97,0.7951939,0.98,0.7594012,0.98,0.7396251,0.98,0.8238074,0.98,0.8015321,0.98,0.8138928
,0.98,0.8162727,
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,0.98,0.8468946,
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.99,0.8775138,
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.99,0.9387575,
0.98,0.993756,0.98,0.9881076,0.98,0.9504179,0.98,0.9487968,0.98,0.9398506,0.99,0.9349053,0.98,0.9559495,0.99,0.9503807,0.99,0.9534715,
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0.98,0.9979187,0.98,0.996035,0.98,0.9834726,0.98,0.9829314,0.99,0.9799494,0.99,0.9783018,0.99,0.9853165,0.99,0.9834594,0.99,0.9844887,
0.99,0.9846877,
0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
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Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
0,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
0,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,
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0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,3.84697E-05,0,7.627613E-04,0,0.3589873,0,0.5476083,0,0.5480911,0,0
0.34,0.1000358,0.04,0.1006858,0.13,0.4230885,0.04,0.592846,0.01,0.5932811,0,9.999868E-02
0.83,0.1500332,0.05,0.1506487,0.21,0.4551404,0.04,0.6154661,0.02,0.6158774,0,0.1499987
1,0.2000305,0.27,0.2006089,0.24,0.4871896,0.08,0.6380863,0.03,0.6384737,0,0.1999987
1,0.2500279,0.33,0.2505717,0.37,0.5192388,0.13,0.6607065,0.13,0.6610673,0,0.2499987
1,0.3000252,0.56,0.3005346,0.52,0.5512908,0.23,0.6833267,0.13,0.6836637,0,0.2999987
1,0.3500252,0.66,0.3504948,0.75,0.5833426,0.23,0.7059442,0.23,0.70626,0,0.3499987
1,0.4000225,0.66,0.4004577,0.84,0.6153919,0.23,0.7285644,0.23,0.7288536,0,0.3999987
1,0.4500199,0.67,0.4504178,0.94,0.6474411,0.31,0.7511846,0.23,0.7514499,0,0.4499987
1,0.5000199,0.76,0.5003807,0.95,0.679493,0.44,0.7738022,0.3,0.7740462,0,0.4999987
1,0.5500172,0.86,0.5503436,0.95,0.7115449,0.51,0.7964223,0.4,0.7966399,0,0.5499987
1,0.6000146,0.99,0.6003038,0.95,0.7435941,0.67,0.8190425,0.51,0.8192362,0,0.5999987
1,0.650012,0.99,0.6502666,0.95,0.7756433,0.72,0.8416627,0.7,0.8418298,0,0.6499987
1,0.7000093,0.99,0.7002268,0.95,0.8076953,0.82,0.8642828,0.82,0.8644261,0,0.6999987
1,0.7500093,0.99,0.7501897,0.95,0.8397472,0.87,0.8869004,0.84,0.8870224,0,0.7499987
1,0.8000066,0.99,0.8001525,0.95,0.8717964,0.94,0.9095206,0.94,0.9096161,0,0.7999987
1,0.850004,0.99,0.8501127,0.95,0.9038457,0.94,0.9321408,0.94,0.9322124,0,0.8499987
1,0.900004,0.99,0.9000756,0.96,0.9358975,0.94,0.9547583,0.94,0.9548087,0,0.8999987
1,0.9500013,0.99,0.9500358,0.98,0.9679495,0.94,0.9773785,0.94,0.9774024,0,0.9499987
1,0.9999987,0.99,0.9999987,0.99,0.9999987,0.96,0.9999987,0.96,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.98567, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,3.180773, %
Acceptable Depth in Reach,1,8.699701, %

Optimum Depth & Velocity in Reach,1,1.566641, %
Acceptable Depth & Velocity in Reach,1,3.180773, %
Optimum Velocity in Reach,2,99.94535, %
Acceptable Velocity in Reach,2,99.99682, %
Optimum Depth in Reach,2,6.777017, %
Acceptable Depth in Reach,2,17.11128, %
Optimum Depth & Velocity in Reach,2,1.308232, %
Acceptable Depth & Velocity in Reach,2,4.762006, %
Optimum Velocity in Reach,3,99.82808, %
Acceptable Velocity in Reach,3,99.99522, %
Optimum Depth in Reach,3,32.89283, %
Acceptable Depth in Reach,3,52.95168, %
Optimum Depth & Velocity in Reach,3,32.02581, %
Acceptable Depth & Velocity in Reach,3,32.89283, %
Optimum Velocity in Reach,4,83.68093, %
Acceptable Velocity in Reach,4,99.99628, %
Optimum Depth in Reach,4,33.82513, %
Acceptable Depth in Reach,4,53.91581, %
Optimum Depth & Velocity in Reach,4,33.26161, %
Acceptable Depth & Velocity in Reach,4,33.82513, %
Optimum Velocity in Reach,5,78.747, %
Acceptable Velocity in Reach,5,99.99682, %
Optimum Depth in Reach,5,39.94418, %
Acceptable Depth in Reach,5,60.23331, %
Optimum Depth & Velocity in Reach,5,39.94418, %
Acceptable Depth & Velocity in Reach,5,39.94418, %
Optimum Velocity in Reach,6,76.91107, %
Acceptable Velocity in Reach,6,99.99814, %
Optimum Depth in Reach,6,43.01591, %
Acceptable Depth in Reach,6,63.36288, %
Optimum Depth & Velocity in Reach,6,43.01591, %
Acceptable Depth & Velocity in Reach,6,43.01591, %
Optimum Velocity in Reach,7,99.6551, %
Acceptable Velocity in Reach,7,99.99364, %
Optimum Depth in Reach,7,28.46273, %
Acceptable Depth in Reach,7,48.81288, %
Optimum Depth & Velocity in Reach,7,7.486979, %
Acceptable Depth & Velocity in Reach,7,28.40967, %
Optimum Velocity in Reach,8,99.72169, %
Acceptable Velocity in Reach,8,99.99416, %
Optimum Depth in Reach,8,32.44101, %
Acceptable Depth in Reach,8,52.90499, %
Optimum Depth & Velocity in Reach,8,25.42788, %
Acceptable Depth & Velocity in Reach,8,32.44101, %
Optimum Velocity in Reach,9,99.6429, %
Acceptable Velocity in Reach,9,99.9931, %
Optimum Depth in Reach,9,30.03494, %

Acceptable Depth in Reach,9,50.55038, %
Optimum Depth & Velocity in Reach,9,10.50804, %
Acceptable Depth & Velocity in Reach,9,30.03494, %
Optimum Velocity in Reach,10,99.63653, %
Acceptable Velocity in Reach,10,99.9931, %
Optimum Depth in Reach,10,29.20851, %
Acceptable Depth in Reach,10,49.75472, %
Optimum Depth & Velocity in Reach,10,9.093152, %
Acceptable Depth & Velocity in Reach,10,29.20851, %
Optimum Velocity in Stream,93.77544, %
Acceptable Velocity in Stream,99.99567, %
Optimum Depth in Stream,27.9783, %
Acceptable Depth in Stream,45.82976, %
Optimum Depth & Velocity in Stream,20.36384, %
Acceptable Depth & Velocity in Stream,27.7715, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.97453, %
Acceptable Velocity in Reach,1,99.9992, %
Optimum Depth in Reach,1,4.161615, %
Acceptable Depth in Reach,1,10.00581, %
Optimum Depth & Velocity in Reach,1,2.12193, %
Acceptable Depth & Velocity in Reach,1,4.161615, %
Optimum Velocity in Reach,2,99.9082, %
Acceptable Velocity in Reach,2,99.99655, %
Optimum Depth in Reach,2,7.927125, %
Acceptable Depth in Reach,2,18.05843, %
Optimum Depth & Velocity in Reach,2,1.545947, %
Acceptable Depth & Velocity in Reach,2,5.764603, %
Optimum Velocity in Reach,3,99.7522, %
Acceptable Velocity in Reach,3,99.99443, %
Optimum Depth in Reach,3,33.05414, %
Acceptable Depth in Reach,3,53.31939, %
Optimum Depth & Velocity in Reach,3,32.01626, %
Acceptable Depth & Velocity in Reach,3,33.05414, %
Optimum Velocity in Reach,4,83.57322, %
Acceptable Velocity in Reach,4,99.99549, %
Optimum Depth in Reach,4,34.13395, %
Acceptable Depth in Reach,4,54.5154, %
Optimum Depth & Velocity in Reach,4,33.43857, %
Acceptable Depth & Velocity in Reach,4,34.13395, %
Optimum Velocity in Reach,5,78.52122, %
Acceptable Velocity in Reach,5,99.99602, %
Optimum Depth in Reach,5,40.09938, %
Acceptable Depth in Reach,5,60.23676, %

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Optimum Depth & Velocity in Reach,5,40.09938, %
Acceptable Depth & Velocity in Reach,5,40.09938, %
Optimum Velocity in Reach,6,76.92514, %
Acceptable Velocity in Reach,6,99.99682, %
Optimum Depth in Reach,6,43.39557, %
Acceptable Depth in Reach,6,63.52658, %
Optimum Depth & Velocity in Reach,6,43.39557, %
Acceptable Depth & Velocity in Reach,6,43.39557, %
Optimum Velocity in Reach,7,99.54314, %
Acceptable Velocity in Reach,7,99.99152, %
Optimum Depth in Reach,7,29.3653, %
Acceptable Depth in Reach,7,49.72633, %
Optimum Depth & Velocity in Reach,7,7.673491, %
Acceptable Depth & Velocity in Reach,7,29.295, %
Optimum Velocity in Reach,8,99.62141, %
Acceptable Velocity in Reach,8,99.99336, %
Optimum Depth in Reach,8,33.07775, %
Acceptable Depth in Reach,8,53.76219, %
Optimum Depth & Velocity in Reach,8,25.58626, %
Acceptable Depth & Velocity in Reach,8,33.07775, %
Optimum Velocity in Reach,9,99.53969, %
Acceptable Velocity in Reach,9,99.99152, %
Optimum Depth in Reach,9,31.01738, %
Acceptable Depth in Reach,9,51.69359, %
Optimum Depth & Velocity in Reach,9,10.84445, %
Acceptable Depth & Velocity in Reach,9,31.01738, %
Optimum Velocity in Reach,10,99.5243, %
Acceptable Velocity in Reach,10,99.99124, %
Optimum Depth in Reach,10,30.621, %
Acceptable Depth in Reach,10,51.41502, %
Optimum Depth & Velocity in Reach,10,9.539664, %
Acceptable Depth & Velocity in Reach,10,30.621, %
Optimum Velocity in Stream,93.6883, %
Acceptable Velocity in Stream,99.99461, %
Optimum Depth in Stream,28.68532, %
Acceptable Depth in Stream,46.62595, %
Optimum Depth & Velocity in Stream,20.62615, %
Acceptable Depth & Velocity in Stream,28.46204, %
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Stream Health Run 12

Run Date,6/11/2002
Run Time,7:38:47 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\LowDensityRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Small Mouth Bass.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8748,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,2.341307,Index,1
90-10 Range ,88.0403,Index,1
Number of Storms 3x Median,8532,Index,3
Number of High Flow Events,432,Index,1
High Flow Duration (hrs) ,16878,Index,1
Number of Low Flow Events ,77,Index,1
Low Flow Duration (hrs) ,11248,Index,1
Overall Index,1.222222
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,3.051045E-05,0,6.500053E-05,0,1.286745E-04,0,1.101029E-04,0,7.03067E-05,0,7.561286E-05,0,8.432824E-03,0,6.201581E-03,0,9.81508E-03,0,1.078346E-02,
1,0.1000279,0.02,0.100057,0.03,0.1001154,0.03,0.1000995,0.03,0.1000623,0.03,0.1000677,0.01,0.1075891,0.02,0.1055808,0.01,0.1088334,0.01,0.1097037,
1,0.1500252,0.03,0.1500544,0.04,0.1501101,0.03,0.1500942,0.04,0.1500597,0.04,0.150065,0.02,0.1571673,0.02,0.1552704,0.01,0.1583426,0.01,0.1591651,

1,0.2000252,0.03,0.2000517,0.04,0.2001022,0.04,0.2000889,0.04,0.200057,1,0.2000597,0.02,0.2067455,0.02,0.2049599,0.02,0.2078518,0.01,0
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1,0.2500226,1,0.2500491,0.04,0.2500968,0.04,0.2500836,1,0.2500517,1,0.250057,0.02,0.2563236,0.02,0.2546522,0.02,0.257361,0.02,0.258087
9,
1,0.3000199,1,0.3000464,1,0.3000889,1,0.3000756,1,0.3000491,1,0.3000517,0.02,0.3059018,0.03,0.3043418,0.02,0.3068702,0.02,0.3075494,
1,0.3500199,1,0.3500411,1,0.3500836,1,0.3500703,1,0.3500464,1,0.3500491,0.02,0.35548,1,0.3540314,1,0.3563793,1,0.3570081,
1,0.4000172,1,0.4000385,1,0.4000756,1,0.400065,1,0.4000411,1,0.4000438,1,0.4050581,1,0.4037209,1,0.4058885,1,0.4064696,
1,0.4500172,1,0.4500358,1,0.4500703,1,0.4500597,1,0.4500385,1,0.4500411,1,0.4546363,1,0.4534105,1,0.4553977,1,0.455931,
1,0.5000146,1,0.5000305,1,0.5000623,1,0.5000544,1,0.5000358,1,0.5000358,1,0.5042171,1,0.5031002,1,0.5049069,1,0.5053898,
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1,0.7000093,1,0.7000199,1,0.7000385,1,0.7000332,1,0.7000199,1,0.7000226,1,0.7025297,1,0.7018585,1,0.7029436,1,0.7032354,
1,0.7500066,1,0.7500146,1,0.7500305,1,0.7500252,1,0.7500172,1,0.7500172,1,0.7521079,1,0.7515481,1,0.7524528,1,0.7526942,
1,0.800004,1,0.8000119,1,0.8000252,1,0.8000199,1,0.8000119,1,0.8000146,1,0.801686,1,0.8012403,1,0.801962,1,0.8021556,
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1,0.9500013,1,0.9500013,1,0.950004,1,0.950004,1,0.9500013,1,0.9500013,1,0.9504205,1,0.9503091,1,0.9504895,1,0.9505373,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9763093,0,0.9479266,0,0.7212817,0,0.7122851,0,0.6478152,0,0.6141528,0,0.763142,0,0.7255983,0,0.7481681,0,0.7556843,
0.96,0.9786785,0.96,0.9531346,0.96,0.7491524,0.97,0.7410578,0.97,0.6830348,0.98,0.6527367,0.97,0.7868288,0.98,0.7530391,0.98,0.7733511
,0.98,0.7801165,
0.96,0.9798618,0.96,0.9557373,0.96,0.763089,0.97,0.7554428,0.97,0.7006434,0.98,0.6720299,0.98,0.7986695,0.98,0.7667582,0.98,0.7859426,
0.98,0.7923313,
0.96,0.9810477,0.96,0.95834,0.96,0.7770256,0.97,0.7698278,0.98,0.7182519,0.98,0.6913231,0.98,0.8105128,0.98,0.7804773,0.98,0.7985342,0
.98,0.8045461,
0.96,0.982231,0.97,0.9609453,0.96,0.7909623,0.97,0.7842128,0.98,0.7358604,0.98,0.7106137,0.98,0.8223562,0.98,0.794199,0.98,0.8111257,0
.98,0.8167635,
0.96,0.9834169,0.97,0.9635479,0.97,0.8048962,0.97,0.7985979,0.98,0.7534689,0.98,0.7299069,0.98,0.8341995,0.98,0.8079181,0.98,0.8237172
,0.98,0.8289783,
0.96,0.9846002,0.97,0.9661506,0.97,0.8188329,0.97,0.8129855,0.98,0.7710801,0.98,0.7492001,0.98,0.8460429,0.98,0.8216372,0.98,0.8363088
,0.99,0.8411931,
0.97,0.9857861,0.97,0.968756,0.97,0.8327696,0.98,0.8273705,0.98,0.7886886,0.98,0.7684907,0.98,0.8578836,0.98,0.835359,0.98,0.8489003,0
.99,0.8534105,
0.97,0.9869694,0.97,0.9713587,0.97,0.8467035,0.98,0.8417556,0.98,0.8062971,0.98,0.7877839,0.98,0.869727,0.98,0.8490781,0.99,0.8614918,
0.99,0.8656253,
0.97,0.9881553,0.97,0.9739613,0.97,0.8606402,0.98,0.8561432,0.98,0.8239083,0.99,0.8070771,0.98,0.8815703,0.98,0.8627971,0.99,0.8740833
,0.99,0.8778401,
0.97,0.9893386,0.98,0.9765667,0.97,0.8745768,0.98,0.8705282,0.98,0.8415168,0.99,0.8263677,0.98,0.8934137,0.99,0.8765189,0.99,0.8866749
,0.99,0.8900576,

0.97,0.9905218,0.98,0.9791693,0.98,0.8885108,0.98,0.8849133,0.98,0.8591253,0.99,0.8456609,0.98,0.9052571,0.99,0.890238,0.99,0.8992664,
0.99,0.9022723,
0.97,0.9917078,0.98,0.9817746,0.98,0.9024475,0.98,0.8992983,0.98,0.8767338,0.99,0.8649514,0.98,0.9170978,0.99,0.9039598,0.99,0.911858,
0.99,0.9144898,
0.97,0.9928911,0.98,0.9843773,0.98,0.9163841,0.98,0.9136833,0.98,0.8943423,0.99,0.8842447,0.98,0.9289411,0.99,0.9176788,0.99,0.9244495
,0.99,0.9267046,
0.97,0.994077,0.98,0.98698,0.98,0.9303181,0.98,0.928071,0.99,0.9119534,0.99,0.9035379,0.99,0.9407845,0.99,0.9313979,0.99,0.937041,0.99
,0.9389194,
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0.99,0.9511368,
0.98,0.9964462,0.98,0.992188,0.98,0.9581914,0.99,0.956841,0.99,0.9471705,0.99,0.9421217,0.99,0.9644712,0.99,0.9588388,0.99,0.9622241,0
.99,0.9633517,
0.98,0.9976295,0.99,0.9947907,0.99,0.972128,0.99,0.9712287,0.99,0.9647816,0.99,0.9614149,0.99,0.9763119,0.99,0.9725578,0.99,0.9748156,
0.99,0.9755664,
0.98,0.9988154,0.99,0.997396,0.99,0.986062,0.99,0.9856136,0.99,0.9823902,0.99,0.9807054,0.99,0.9881553,0.99,0.9862796,0.99,0.9874071,0
.99,0.9877839,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
0,0,1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
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Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,7.574552E-04,0,7.910167E-03,0,8.82548E-03,0,1.528839E-02,0,1.081529E-02,0,1.045447E-02,0,5.047092E-02,0,3.810756E-02,0,8.229996E-02,0,0.1486748,
0.02,0.1006805,0.01,0.1071195,0.01,0.107942,0.01,0.1137602,0.01,0.1097328,0.01,0.1094092,0.01,0.1454248,0.01,0.1342977,0.01,0.1740701,0.01,0.2338069,
0.02,0.1506434,0.01,0.1567242,0.02,0.1575016,0.01,0.1629961,0.01,0.1591916,0.01,0.1588865,0.01,0.192899,0.01,0.1823902,0.01,0.2199552,0.01,0.276373,
0.02,0.2006062,0.01,0.2063289,0.02,0.2070612,0.02,0.2122294,0.02,0.208653,0.02,0.2083638,0.01,0.2403759,0.01,0.2304852,0.01,0.2658402,0.01,0.318939,
0.03,0.2505664,0.01,0.255931,0.02,0.2566181,0.02,0.2614653,0.02,0.2581118,0.02,0.2578412,0.01,0.2878529,0.01,0.2785803,0.01,0.3117253,0.01,0.3615051,
1,0.3005293,0.02,0.3055356,0.02,0.3061777,0.02,0.3107012,0.02,0.3075706,0.02,0.3073185,0.01,0.3353298,0.01,0.3266754,0.01,0.3576104,0.01,0.4040712,
1,0.3504921,0.02,0.3551404,0.02,0.3557373,0.02,0.3599371,0.02,0.3570293,0.02,0.3567959,0.01,0.3828067,0.01,0.3747705,0.01,0.4034954,0.01,0.4466372,
1,0.400455,0.02,0.404745,0.02,0.4052942,0.02,0.409173,0.02,0.4064881,0.02,0.4062732,0.01,0.430281,0.01,0.4228629,0.01,0.4493805,0.01,0.4892033,
1,0.4504152,0.02,0.4543497,0.02,0.4548538,0.02,0.458409,0.02,0.4559469,0.02,0.4557506,0.01,0.4777579,0.01,0.470958,0.01,0.4952656,0.01,0.5317693,
1,0.5003781,1,0.5039544,0.02,0.5044134,0.02,0.5076448,1,0.5054057,1,0.5052252,0.01,0.5252348,0.01,0.5190531,0.01,0.541148,0.01,0.5743381,
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1,0.650264,1,0.6527685,1,0.6530868,1,0.65535,1,0.6537846,1,0.6536573,0.01,0.6676629,1,0.6633357,1,0.6788032,1,0.7020363,
1,0.7002268,1,0.7023732,1,0.7026464,1,0.7045859,1,0.7032434,1,0.7031346,1,0.7151398,1,0.7114308,1,0.7246883,1,0.7446023,
1,0.7501897,1,0.7519779,1,0.752206,1,0.7538218,1,0.7527022,1,0.7526119,1,0.7626168,1,0.7595259,1,0.7705733,1,0.7871684,
1,0.8001499,1,0.8015799,1,0.801763,1,0.8030577,1,0.8021609,1,0.8020893,1,0.8100936,1,0.807621,1,0.8164584,1,0.8297344,
1,0.8501127,1,0.8511846,1,0.8513226,1,0.8522909,1,0.8516223,1,0.8515667,1,0.8575706,1,0.855716,1,0.8623435,1,0.8723005,
1,0.9000756,1,0.9007893,1,0.9008821,1,0.9015269,1,0.9010811,1,0.901044,1,0.9050449,1,0.9038085,1,0.9082285,1,0.9148666,
1,0.9500358,1,0.950394,1,0.9504391,1,0.9507627,1,0.9505399,1,0.9505213,1,0.9525217,1,0.9519036,1,0.9541136,1,0.9574326,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9996352,0,0.9993062,0,0.9951568,0,0.9947084,0,0.9921933,0,0.9905537,0,0.9959686,0,0.9948543,0,0.9955044,0,0.9956291,
0.19,0.9996724,0.88,0.9993752,0.88,0.9956423,0.89,0.9952364,0.91,0.9929733,0.93,0.9914982,0.92,0.9963719,0.92,0.995369,0.93,0.9959527,0.94,0.9960668,
0.86,0.9996909,0.88,0.9994097,0.88,0.9958838,0.89,0.9955017,0.92,0.9933633,0.93,0.9919704,0.92,0.9965736,0.93,0.9956264,0.93,0.9961782,0.94,0.9962844,
0.86,0.9997068,0.88,0.9994442,0.88,0.9961252,0.89,0.995767,0.92,0.9937533,0.93,0.9924427,0.92,0.9967752,0.93,0.9958838,0.93,0.9964038,0.94,0.9965019,

0.87,0.9997254,0.89,0.9994787,0.88,0.9963666,0.9,0.9960297,0.92,0.994146,0.93,0.9929149,0.92,0.9969768,0.93,0.9961411,0.93,0.9966292,0
.94,0.9967221,
0.87,0.999744,0.89,0.9995131,0.88,0.996608,0.9,0.996295,0.92,0.994536,0.93,0.9933872,0.92,0.9971784,0.93,0.9963984,0.93,0.9968521,0.94
,0.9969397,
0.87,0.9997625,0.89,0.9995477,0.89,0.9968521,0.9,0.9965603,0.92,0.994926,0.93,0.9938594,0.92,0.9973801,0.93,0.9966558,0.94,0.9970776,0
.94,0.9971572,
0.88,0.9997811,0.91,0.9995821,0.89,0.9970936,0.9,0.9968256,0.92,0.995316,0.93,0.9943317,0.92,0.9975817,0.93,0.9969131,0.94,0.9973031,0
.94,0.9973775,
0.9,0.9997997,0.92,0.9996166,0.89,0.997335,0.92,0.9970883,0.94,0.995706,0.94,0.994804,0.92,0.9977834,0.94,0.9971705,0.94,0.997526,0.94
,0.997595,
0.9,0.9998183,0.92,0.9996538,0.91,0.997579,0.92,0.9973536,0.94,0.996096,0.95,0.9952762,0.94,0.9979823,0.95,0.9974252,0.95,0.9977515,0.
95,0.9978125,
0.91,0.9998342,0.92,0.9996883,0.92,0.9978205,0.93,0.9976189,0.94,0.996486,0.95,0.9957485,0.94,0.998184,0.95,0.9976825,0.95,0.997977,0.
96,0.9980327,
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0.96,0.9982503,
0.91,0.9998713,0.93,0.9997572,0.92,0.9983034,0.93,0.9981468,0.95,0.997266,0.95,0.996693,0.95,0.9985873,0.95,0.9981973,0.95,0.9984254,0
.96,0.9984705,
0.91,0.9998899,0.93,0.9997917,0.92,0.9985448,0.93,0.9984121,0.95,0.997656,0.95,0.9971652,0.95,0.9987889,0.95,0.9984546,0.96,0.9986509,
0.96,0.998688,
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0.96,0.9989056,
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Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,1.392869E-04,0,1.143346E-02,0,0.6131421,0,0.990307,0,0,0,0
0.04,0.100126,0.01,0.11029,0.23,0.6518266,0.12,0.9912753,0,9.999868E-02,0,9.999868E-02
0.04,0.1501181,0.01,0.1597196,0.23,0.6711703,0.12,0.9917608,0,0.1499987,0,0.1499987
0.17,0.2001101,0.01,0.2091465,0.23,0.6905139,0.22,0.9922464,0,0.1999987,0,0.1999987
0.29,0.2501048,0.01,0.2585734,0.27,0.7098575,0.22,0.9927292,0,0.2499987,0,0.2499987
0.42,0.3000968,0.03,0.308003,0.51,0.7291985,0.22,0.9932147,0,0.2999987,0,0.2999987
0.57,0.3500889,0.03,0.3574326,0.66,0.7485421,0.22,0.9937003,0,0.3499987,0,0.3499987
1,0.4000836,0.03,0.4068595,0.94,0.7678857,0.29,0.9941831,0,0.3999987,0,0.3999987
1,0.4500756,0.03,0.4562865,0.94,0.7872267,0.36,0.9946686,0,0.4499987,0,0.4499987
1,0.5000677,0.29,0.5057161,0.94,0.8065704,0.46,0.9951541,0,0.4999987,0,0.4999987
1,0.5500624,0.29,0.5551457,0.94,0.825914,0.57,0.995637,0,0.5499987,0,0.5499987
1,0.6000544,0.29,0.6045726,0.94,0.845255,0.73,0.9961225,0,0.5999987,0,0.5999987
1,0.6500491,0.56,0.6539995,0.94,0.8645986,0.8,0.9966054,0,0.6499987,0,0.6499987
1,0.7000411,1,0.7034291,0.94,0.8839422,0.89,0.9970909,0,0.6999987,0,0.6999987
1,0.7500331,1,0.7528587,0.94,0.9032832,0.89,0.9975764,0,0.7499987,0,0.7499987
1,0.8000278,1,0.8022856,0.94,0.9226268,0.9,0.9980593,0,0.7999987,0,0.7999987
1,0.8500199,1,0.8517126,0.95,0.9419705,0.91,0.9985448,0,0.8499987,0,0.8499987
1,0.900012,1,0.9011422,0.97,0.9613141,0.91,0.9990303,0,0.8999987,0,0.8999987
1,0.9500066,1,0.9505717,0.99,0.9806551,0.92,0.9995131,0,0.9499987,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.96,0.9999987,0,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,3.051045E-05,0,8.887827E-05,0,2.162263E-04,0,1.7643E-04,0,9.949061E-05,0,9.683752E-05,0,1.126366E-02,0,8.300169E-03,0,1.307307E-02,0,1.471798E-02,
1,0.1000279,0.02,0.1000809,0.03,0.100195,0.03,0.1001579,0.03,0.1000889,0.03,0.1000862,0.01,0.1101361,0.02,0.1074698,0.01,0.1117651,0.01,0.1132455,
1,0.1500252,0.02,0.1500756,0.04,0.1501844,0.03,0.1501499,0.03,0.1500836,0.03,0.1500809,0.02,0.1595736,0.02,0.1570559,0.01,0.1611124,0.01,0.1625106,
1,0.2000252,0.03,0.2000703,0.04,0.2001738,0.03,0.2001419,0.04,0.2000783,1,0.2000783,0.02,0.2090112,0.02,0.2066393,0.02,0.2104571,0.01,0.2117731,
1,0.2500226,1,0.2500677,0.04,0.2501632,0.04,0.2501313,1,0.250073,1,0.250073,0.02,0.2584461,0.02,0.2562255,0.02,0.2598045,0.02,0.2610382,
1,0.3000199,1,0.3000624,0.05,0.3001499,0.04,0.3001234,1,0.3000703,1,0.3000677,0.02,0.3078837,0.03,0.3058089,0.02,0.3091518,0.02,0.3103032,
1,0.3500199,1,0.350057,1,0.3501393,1,0.3501154,1,0.350065,1,0.3500623,0.02,0.3573212,1,0.355395,0.02,0.3584965,0.02,0.3595657,
1,0.4000172,1,0.4000517,1,0.4001287,1,0.4001048,1,0.4000597,1,0.400057,1,0.4067587,1,0.4049785,1,0.4078438,1,0.4088308,
1,0.4500172,1,0.4500491,1,0.4501181,1,0.4500968,1,0.4500544,1,0.4500517,1,0.4561936,1,0.4545646,1,0.4571885,1,0.4580932,
1,0.5000146,1,0.5000437,1,0.5001075,1,0.5000889,1,0.5000491,1,0.5000464,1,0.5056311,1,0.5041481,1,0.5065359,1,0.5073583,
1,0.5500119,1,0.5500385,1,0.5500968,1,0.5500783,1,0.5500438,1,0.5500438,1,0.5550687,1,0.5537342,1,0.5558832,1,0.5566234,
1,0.6000119,1,0.6000358,1,0.6000862,1,0.6000703,1,0.6000385,1,0.6000385,1,0.6045036,1,0.6033204,1,0.6052279,1,0.6058859,
1,0.6500093,1,0.6500305,1,0.6500756,1,0.6500597,1,0.6500332,1,0.6500332,1,0.6539412,1,0.6529038,1,0.6545752,1,0.6551509,
1,0.7000093,1,0.7000252,1,0.700065,1,0.7000517,1,0.7000279,1,0.7000279,1,0.7033787,1,0.7024899,1,0.7039199,1,0.7044134,
1,0.7500066,1,0.7500199,1,0.7500517,1,0.7500437,1,0.7500252,1,0.7500225,1,0.7528163,1,0.7520734,1,0.7532673,1,0.7536785,
1,0.800004,1,0.8000172,1,0.8000411,1,0.8000332,1,0.8000199,1,0.8000172,1,0.8022512,1,0.8016595,1,0.8026146,1,0.8029436,
1,0.850004,1,0.8500119,1,0.8500305,1,0.8500252,1,0.8500146,1,0.8500146,1,0.8516887,1,0.851243,1,0.8519593,1,0.8522061,
1,0.9000013,1,0.9000067,1,0.9000199,1,0.9000173,1,0.9000093,1,0.9000093,1,0.9011262,1,0.9008291,1,0.9013066,1,0.9014711,
1,0.9500013,1,0.950004,1,0.9500093,1,0.9500066,1,0.950004,1,0.950004,1,0.9505611,1,0.9504126,1,0.9506513,1,0.9507336,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9675356,0,0.9366882,0,0.7140971,0,0.7034742,0,0.6422729,0,0.606321,0,0.7509485,0,0.7135692,0,0.7349344,0,0.7384577,
0.96,0.9707829,0.96,0.9430184,0.96,0.7426867,0.97,0.7331277,0.97,0.6780444,0.98,0.6456901,0.97,0.775853,0.98,0.7422119,0.98,0.7614414,0.98,0.7646118,
0.96,0.9724039,0.96,0.9461836,0.96,0.7569816,0.97,0.7479531,0.98,0.6959315,0.98,0.6653733,0.98,0.7883065,0.98,0.7565332,0.98,0.7746935,0.98,0.7776889,
0.96,0.9740276,0.96,0.9493513,0.96,0.7712764,0.97,0.7627786,0.98,0.7138186,0.98,0.6850565,0.98,0.8007575,0.98,0.7708545,0.98,0.7879484,0.98,0.7907659,
0.96,0.9756513,0.97,0.9525164,0.96,0.7855712,0.97,0.7776067,0.98,0.731703,0.98,0.7047397,0.98,0.813211,0.98,0.7851759,0.98,0.8012005,0.98,0.803843,
0.96,0.977275,0.97,0.9556816,0.97,0.7998686,0.97,0.7924321,0.98,0.7495901,0.98,0.7244229,0.98,0.8256646,0.98,0.7994972,0.98,0.8144526,0.99,0.81692,
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0.97,0.9805197,0.97,0.9620118,0.97,0.8284583,0.98,0.8220829,0.98,0.7853643,0.98,0.763792,0.98,0.8505691,0.98,0.8281399,0.99,0.8409596,0.99,0.8430741,

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0.97,0.9837671,0.97,0.9683421,0.97,0.8570479,0.98,0.8517364,0.98,0.8211358,0.99,0.8031611,0.98,0.8754736,0.98,0.8567852,0.99,0.8674666,0.99,0.8692282,
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0.98,0.998375,0.99,0.9968336,0.99,0.9857039,0.99,0.9851732,0.99,0.9821116,1,0.9803154,0.99,0.9875451,0.99,0.9856774,0.99,0.9867465,1,0.9869216,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,
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0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,
0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.277459E-03,0,1.081264E-02,0,1.113101E-02,0,1.992863E-02,0,1.444736E-02,0,0.0139645,0,6.256102E-02,0,4.826621E-02,0,9.424414E-
02,0,0.161789,
0.02,0.1011501,0.01,0.1097302,0.01,0.1100167,0.01,0.1179362,0.01,0.1130014,0.01,0.112569,0.01,0.156305,0.01,0.1434402,0.01,0.1848204,0
.01,0.2456105,
0.02,0.1510864,0.01,0.1591916,0.02,0.1594622,0.01,0.1669386,0.01,0.1622798,0.01,0.1618686,0.01,0.2031771,0.01,0.1910259,0.01,0.2301085
,0.01,0.2875212,
0.02,0.2010228,0.01,0.2086504,0.02,0.2089051,0.02,0.2159437,0.02,0.2115581,0.02,0.2111708,0.01,0.2500491,0.01,0.2386116,0.01,0.275394,
0.01,0.329432,
0.03,0.2509591,0.01,0.2581092,0.02,0.2583479,0.02,0.2649461,0.02,0.2608339,0.02,0.260473,0.01,0.2969211,0.01,0.2862,0.01,0.3206821,0.0
1,0.3713401,
1,0.3008928,0.02,0.3075679,0.02,0.3077908,0.02,0.3139486,0.02,0.3101122,0.02,0.3097753,0.01,0.3437931,0.01,0.3337857,0.01,0.3659702,0.
01,0.4132508,
1,0.3508291,0.02,0.3570267,0.02,0.3572336,0.02,0.3629537,0.02,0.3593906,0.02,0.3590775,0.01,0.3906651,0.01,0.3813714,0.01,0.4112584,0.
01,0.4551616,
1,0.4007654,0.02,0.4064881,0.02,0.4066791,0.02,0.4119561,0.02,0.4086689,0.02,0.4083771,0.01,0.4375371,0.01,0.4289597,0.01,0.4565465,0.
01,0.4970723,
1,0.4507017,0.02,0.4559469,0.02,0.456122,0.02,0.4609612,0.02,0.4579447,0.02,0.4576794,0.01,0.4844092,0.01,0.4765454,0.01,0.5018346,0.0
1,0.538983,
1,0.5006381,1,0.5054057,0.02,0.5055649,0.02,0.5099636,1,0.507223,1,0.5069816,0.01,0.5312785,0.01,0.5241311,0.01,0.5471227,0.01,0.58089
38,
1,0.5505744,1,0.5548644,0.03,0.5550077,0.02,0.5589661,1,0.5565014,1,0.5562838,0.01,0.5781505,0.01,0.5717195,0.01,0.5924082,0.01,0.6228
046,
1,0.6005107,1,0.6043232,0.03,0.6044505,0.03,0.6079712,1,0.6057771,1,0.6055861,0.01,0.6250225,0.02,0.6193051,0.01,0.6376963,0.01,0.6647
153,
1,0.6504471,1,0.6537846,1,0.653896,1,0.6569736,1,0.6550555,1,0.6548856,0.01,0.6718946,1,0.6668935,1,0.6829845,1,0.7066261,
1,0.7003834,1,0.7032434,1,0.7033389,1,0.7059788,1,0.7043338,1,0.7041879,1,0.7187666,1,0.7144792,1,0.7282726,1,0.7485368,
1,0.750317,1,0.7527022,1,0.7527817,1,0.7549812,1,0.7536122,1,0.7534901,1,0.7656386,1,0.7620649,1,0.7735607,1,0.7904476,
1,0.8002534,1,0.8021609,1,0.8022246,1,0.8039836,1,0.8028879,1,0.8027924,1,0.8125106,1,0.8096532,1,0.8188488,1,0.8323557,
1,0.8501897,1,0.8516197,1,0.8516675,1,0.8529887,1,0.8521662,1,0.8520946,1,0.8593826,1,0.8572389,1,0.8641343,1,0.8742664,
1,0.900126,1,0.9010811,1,0.901113,1,0.9019911,1,0.9014446,1,0.9013942,1,0.9062546,1,0.9048246,1,0.9094224,1,0.9161772,
1,0.9500623,1,0.9505399,1,0.9505558,1,0.9509962,1,0.9507203,1,0.9506964,1,0.9531267,1,0.952413,1,0.9547105,1,0.9580879,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9993699,0,0.9989083,0,0.9925621,0,0.9919227,0,0.9886674,0,0.986712,0,0.9939762,0,0.9925011,0,0.9934535,0,0.9935384,
0.86,0.9994336,0.88,0.9990171,0.88,0.993305,0.89,0.9927292,0.91,0.9898002,0.93,0.9880412,0.92,0.9945784,0.92,0.9932519,0.93,0.9941089,
0.94,0.9941831,
0.86,0.9994654,0.88,0.9990727,0.88,0.9936764,0.89,0.9931352,0.92,0.990368,0.93,0.9887045,0.92,0.9948782,0.93,0.9936259,0.93,0.9944351,
0.94,0.9945068,
0.87,0.9994946,0.89,0.9991258,0.88,0.9940504,0.89,0.9935384,0.92,0.9909331,0.93,0.9893704,0.92,0.9951807,0.93,0.9940001,0.93,0.9947615
,0.94,0.9948305,
0.87,0.9995264,0.89,0.9991815,0.88,0.9944219,0.9,0.9939417,0.92,0.9915009,0.93,0.9900337,0.92,0.9954831,0.93,0.9943742,0.93,0.9950905,
0.94,0.9951541,
0.87,0.9995583,0.89,0.9992346,0.88,0.9947933,0.9,0.9943449,0.92,0.992066,0.93,0.990697,0.92,0.9957829,0.93,0.9947509,0.93,0.9954168,0.
94,0.9954778,
0.87,0.9995901,0.89,0.9992903,0.89,0.9951648,0.9,0.9947482,0.92,0.9926337,0.93,0.9913629,0.92,0.9960827,0.93,0.9951249,0.94,0.9957432,
0.94,0.9957988,
0.88,0.9996219,0.91,0.9993433,0.89,0.9955362,0.9,0.9951541,0.92,0.9931988,0.93,0.9920262,0.92,0.9963852,0.93,0.9954991,0.94,0.9960721,
0.94,0.9961225,
0.9,0.9996538,0.91,0.9993991,0.91,0.9959076,0.92,0.9955574,0.94,0.9937666,0.94,0.9926921,0.94,0.9966877,0.94,0.9958758,0.95,0.9963984,
0.95,0.9964462,
0.9,0.9996856,0.92,0.9994521,0.91,0.9962791,0.92,0.9959607,0.94,0.9943317,0.95,0.9933553,0.94,0.9969874,0.95,0.9962499,0.95,0.9967248,
0.96,0.9967672,
0.91,0.9997148,0.92,0.9995078,0.92,0.9966531,0.93,0.9963639,0.94,0.9948995,0.95,0.9940186,0.94,0.9972872,0.95,0.9966239,0.95,0.9970537
,0.96,0.9970909,
0.91,0.9997466,0.92,0.9995636,0.92,0.9970246,0.93,0.9967672,0.94,0.9954672,0.95,0.9946846,0.95,0.9975896,0.95,0.9970007,0.95,0.9973801
,0.96,0.9974146,
0.91,0.9997784,0.92,0.9996166,0.92,0.997396,0.93,0.9971731,0.95,0.9960323,0.95,0.9953478,0.95,0.9978921,0.95,0.9973748,0.96,0.997709,0
.96,0.9977382,
0.92,0.9998103,0.93,0.9996724,0.92,0.9977674,0.93,0.9975764,0.95,0.9966001,0.95,0.9960138,0.95,0.998192,0.95,0.9977489,0.96,0.9980354,
0.96,0.9980619,
0.92,0.9998422,0.93,0.9997254,0.93,0.9981388,0.93,0.9979797,0.95,0.9971652,0.96,0.996677,0.95,0.9984917,0.95,0.9981256,0.96,0.9983617,
0.96,0.9983829,
0.92,0.999874,0.93,0.9997811,0.93,0.9985103,0.94,0.9983829,0.95,0.9977329,0.96,0.9973403,0.95,0.9987942,0.96,0.9984997,0.96,0.9986907,
0.96,0.9987066,
0.92,0.9999031,0.94,0.9998342,0.93,0.9988844,0.94,0.9987862,0.95,0.998298,0.96,0.9980062,0.95,0.9990966,0.96,0.9988738,0.96,0.9990171,
0.96,0.9990303,
0.94,0.999935,0.95,0.9998899,0.95,0.9992558,0.95,0.9991921,0.96,0.9988658,0.97,0.9986695,0.96,0.9993964,0.97,0.9992478,0.97,0.9993433,
0.97,0.9993513,
0.95,0.9999669,0.96,0.999943,0.95,0.9996272,0.96,0.9995954,0.97,0.9994309,0.97,0.9993354,0.97,0.9996962,0.97,0.9996246,0.97,0.9996724,
0.98,0.999675,
0.95,0.9999987,0.96,0.9999987,0.96,0.9999987,0.96,0.9999987,0.97,0.9999987,0.97,0.9999987,0.97,0.9999987,0.97,0.9999987,0.98,0.9999987
,0.98,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,

0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,
0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,
0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,
0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,
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0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,
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0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,
0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,
0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,
0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,2.135732E-04,0,1.482675E-02,0,0.6020893,0,0.9858418,0,0,0,0
0.04,0.1001923,0.01,0.1133437,0.23,0.6418802,0.12,0.9872586,0,9.999868E-02,0,9.999868E-02
0.04,0.1501817,0.01,0.1626035,0.23,0.6617757,0.13,0.9879643,0,0.1499987,0,0.1499987
0.16,0.2001711,0.01,0.2118606,0.23,0.6816712,0.22,0.9886727,0,0.1999987,0,0.1999987
0.27,0.2501605,0.01,0.2611204,0.37,0.7015666,0.22,0.989381,0,0.2499987,0,0.2499987
0.36,0.3001499,0.03,0.3103775,0.51,0.7214621,0.23,0.9900894,0,0.2999987,0,0.2999987
0.57,0.3501393,0.03,0.3596373,0.7,0.7413576,0.29,0.9907978,0,0.3499987,0,0.3499987
1,0.4001287,0.03,0.4088944,0.9,0.7612531,0.36,0.9915035,0,0.3999987,0,0.3999987
1,0.4501181,0.03,0.4581543,0.94,0.7811485,0.41,0.9922119,0,0.4499987,0,0.4499987
1,0.5001048,0.26,0.5074114,0.94,0.801044,0.47,0.9929202,0,0.4999987,0,0.4999987
1,0.5500942,0.29,0.5566712,0.94,0.8209395,0.59,0.9936286,0,0.5499987,0,0.5499987
1,0.6000836,0.29,0.605931,0.94,0.8408349,0.69,0.994337,0,0.5999987,0,0.5999987
1,0.6500729,0.56,0.6551881,0.94,0.8607304,0.78,0.9950427,0,0.6499987,0,0.6499987
1,0.7000623,1,0.7044479,0.94,0.8806258,0.86,0.9957511,0,0.6999987,0,0.6999987
1,0.7500517,1,0.753705,0.95,0.9005213,0.89,0.9964595,0,0.7499987,0,0.7499987
1,0.8000411,1,0.8029648,0.95,0.9204168,0.9,0.9971678,0,0.7999987,0,0.7999987
1,0.8500305,1,0.852222,0.97,0.9403123,0.91,0.9978762,0,0.8499987,0,0.8499987
1,0.9000199,1,0.9014817,0.97,0.9602078,0.91,0.9985819,0,0.8999987,0,0.8999987
1,0.9500093,1,0.9507389,0.99,0.9801032,0.93,0.9992903,0,0.9499987,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.97,0.9999987,0,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99072, %
Acceptable Velocity in Reach,1,99.99655, %
Optimum Depth in Reach,1,3.634714E-02, %
Acceptable Depth in Reach,1,2.368932, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0, %
Optimum Velocity in Reach,2,99.97506, %
Acceptable Velocity in Reach,2,99.9931, %
Optimum Depth in Reach,2,6.924528E-02, %
Acceptable Depth in Reach,2,5.207192, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.95331, %
Acceptable Velocity in Reach,3,99.98673, %
Optimum Depth in Reach,3,0.4841864, %
Acceptable Depth in Reach,3,27.87162, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,0, %
Optimum Velocity in Reach,4,99.95437, %
Acceptable Velocity in Reach,4,99.98859, %
Optimum Depth in Reach,4,0.5290233, %
Acceptable Depth in Reach,4,28.77128, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,0, %
Optimum Velocity in Reach,5,99.96445, %
Acceptable Velocity in Reach,5,99.99258, %
Optimum Depth in Reach,5,0.7805349, %
Acceptable Depth in Reach,5,35.21826, %
Optimum Depth & Velocity in Reach,5,0, %
Acceptable Depth & Velocity in Reach,5,0, %
Optimum Velocity in Reach,6,99.97108, %
Acceptable Velocity in Reach,6,99.99204, %
Optimum Depth in Reach,6,0.944495, %
Acceptable Depth in Reach,6,38.58448, %
Optimum Depth & Velocity in Reach,6,0, %
Acceptable Depth & Velocity in Reach,6,0, %
Optimum Velocity in Reach,7,99.91802, %
Acceptable Velocity in Reach,7,99.97639, %
Optimum Depth in Reach,7,0.4030022, %
Acceptable Depth in Reach,7,23.6856, %
Optimum Depth & Velocity in Reach,7,0, %

Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.94243, %
Acceptable Velocity in Reach,8,99.98064, %
Optimum Depth in Reach,8,0.5144314, %
Acceptable Depth in Reach,8,27.43997, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0, %
Optimum Velocity in Reach,9,99.91988, %
Acceptable Velocity in Reach,9,99.97771, %
Optimum Depth in Reach,9,0.449431, %
Acceptable Depth in Reach,9,25.18299, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.91616, %
Acceptable Velocity in Reach,10,99.97639, %
Optimum Depth in Reach,10,0.4369616, %
Acceptable Depth in Reach,10,24.43138, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.95055, %
Acceptable Velocity in Stream,99.98607, %
Optimum Depth in Stream,0.4647658, %
Acceptable Depth in Stream,23.87617, %
Optimum Depth & Velocity in Stream,0, %
Acceptable Depth & Velocity in Stream,0, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.987, %
Acceptable Velocity in Reach,1,99.99655, %
Optimum Depth in Reach,1,0.0628779, %
Acceptable Depth in Reach,1,3.246304, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0, %
Optimum Velocity in Reach,2,99.95914, %
Acceptable Velocity in Reach,2,99.99072, %
Optimum Depth in Reach,2,0.1090414, %
Acceptable Depth in Reach,2,6.331035, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.92386, %
Acceptable Velocity in Reach,3,99.97798, %
Optimum Depth in Reach,3,0.7436572, %
Acceptable Depth in Reach,3,28.59008, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,0, %

Optimum Velocity in Reach,4,99.922, %
Acceptable Velocity in Reach,4,99.98196, %
Optimum Depth in Reach,4,0.8075963, %
Acceptable Depth in Reach,4,29.65237, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,0, %
Optimum Velocity in Reach,5,99.94217, %
Acceptable Velocity in Reach,5,99.98965, %
Optimum Depth in Reach,5,1.133129, %
Acceptable Depth in Reach,5,35.77248, %
Optimum Depth & Velocity in Reach,5,0, %
Acceptable Depth & Velocity in Reach,5,0, %
Optimum Velocity in Reach,6,99.95145, %
Acceptable Velocity in Reach,6,99.98992, %
Optimum Depth in Reach,6,1.32866, %
Acceptable Depth in Reach,6,39.36767, %
Optimum Depth & Velocity in Reach,6,0, %
Acceptable Depth & Velocity in Reach,6,0, %
Optimum Velocity in Reach,7,99.8716, %
Acceptable Velocity in Reach,7,99.96365, %
Optimum Depth in Reach,7,0.6022482, %
Acceptable Depth in Reach,7,24.90495, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.90502, %
Acceptable Velocity in Reach,8,99.97188, %
Optimum Depth in Reach,8,0.7497593, %
Acceptable Depth in Reach,8,28.64287, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0, %
Optimum Velocity in Reach,9,99.87584, %
Acceptable Velocity in Reach,9,99.96471, %
Optimum Depth in Reach,9,0.6545138, %
Acceptable Depth in Reach,9,26.50635, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.87132, %
Acceptable Velocity in Reach,10,99.96391, %
Optimum Depth in Reach,10,0.646024, %
Acceptable Depth in Reach,10,26.15402, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.92094, %
Acceptable Velocity in Stream,99.9791, %
Optimum Depth in Stream,0.6837507, %
Acceptable Depth in Stream,24.91681, %
Optimum Depth & Velocity in Stream,0, %

```
Acceptable Depth & Velocity in Stream,0, %
```

Stream Health Run 13

Run Date,6/11/2002
Run Time,8:08:25 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityClusterNoRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Central Stoneroller.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8142,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,3.029482,Index,3
90-10 Range ,105.2433,Index,5
Number of Storms 3x Median,12216,Index,5
Number of High Flow Events,1992,Index,3
High Flow Duration (hrs) ,95658,Index,3
Number of Low Flow Events ,123,Index,3
Low Flow Duration (hrs) ,16215,Index,3
Overall Index,3.555556
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,1.459196E-05,0,3.051045E-05,0,2.25512E-05,0,1.193887E-05,0,1.193887E-05,0,5.173511E-05,0,3.84697E-05,0,4.908203E-
05,0,6.062294E-04,
1,0.1000013,1,0.1000119,1,0.1000279,1,0.1000199,1,0.1000093,1,0.1000093,1,0.1000464,1,0.1000358,1,0.1000438,1,0.1005452,
1,0.1500013,1,0.1500119,1,0.1500252,1,0.1500199,1,0.1500093,1,0.1500093,1,0.1500438,1,0.1500332,1,0.1500411,1,0.150516,
1,0.2000013,1,0.2000119,1,0.2000252,1,0.2000172,1,0.2000093,1,0.2000093,1,0.2000411,1,0.2000305,1,0.2000385,1,0.2004842,
1,0.2500013,1,0.2500093,1,0.2500226,1,0.2500173,1,0.2500093,1,0.2500093,1,0.2500385,1,0.2500279,1,0.2500358,1,0.250455,
1,0.3000013,1,0.3000093,1,0.3000199,1,0.3000146,1,0.3000093,1,0.3000093,1,0.3000358,1,0.3000252,1,0.3000332,1,0.3004232,

1,0.3500013,1,0.3500093,1,0.3500199,1,0.3500146,1,0.3500066,1,0.3500066,1,0.3500332,1,0.3500252,1,0.3500305,1,0.350394,
1,0.4000013,1,0.4000093,1,0.4000172,1,0.4000119,1,0.4000066,1,0.4000066,1,0.4000305,1,0.4000225,1,0.4000279,1,0.4003621,
1,0.4500013,1,0.4500066,1,0.4500172,1,0.4500119,1,0.4500066,1,0.4500066,1,0.4500279,1,0.4500199,1,0.4500252,1,0.450333,
1,0.4999987,1,0.5000066,1,0.5000146,1,0.5000093,1,0.500004,1,0.500004,1,0.5000252,1,0.5000199,1,0.5000252,1,0.5003011,
1,0.5499987,1,0.5500066,1,0.5500119,1,0.5500093,1,0.550004,1,0.550004,1,0.5500225,1,0.5500172,1,0.5500225,1,0.5502719,
1,0.5999987,1,0.600004,1,0.6000119,1,0.6000093,1,0.600004,1,0.600004,1,0.6000199,1,0.6000146,1,0.6000199,1,0.6002427,
1,0.6499987,1,0.650004,1,0.6500093,1,0.6500067,1,0.650004,1,0.650004,1,0.6500173,1,0.650012,1,0.6500173,1,0.6502109,
1,0.6999987,1,0.700004,1,0.7000093,1,0.7000066,1,0.700004,1,0.700004,1,0.7000146,1,0.7000093,1,0.7000146,1,0.7001817,
1,0.7499987,1,0.750004,1,0.7500066,1,0.750004,1,0.7500013,1,0.7500013,1,0.7500119,1,0.7500093,1,0.7500119,1,0.7501499,
1,0.7999987,1,0.8000013,1,0.800004,1,0.800004,1,0.8000013,1,0.8000013,1,0.8000093,1,0.8000066,1,0.8000093,1,0.8001207,
1,0.8499987,1,0.8500013,1,0.850004,1,0.8500013,1,0.8500013,1,0.8500013,1,0.8500066,1,0.850004,1,0.8500066,1,0.8500889,
1,0.8999987,1,0.9000013,1,0.9000013,1,0.9000013,1,0.8999987,1,0.8999987,1,0.900004,1,0.900004,1,0.900004,1,0.9000597,
1,0.9499987,1,0.9499987,1,0.9500013,1,0.9499987,1,0.9499987,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500279,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9129032,0,0.8287289,0,0.4695625,0,0.4597939,0,0.3961596,0,0.3644606,0,0.511131,0,0.469979,0,0.4936551,0,0.5016171,
0.97,0.9216133,0.98,0.8458546,0.97,0.5226056,0.98,0.5138133,0.98,0.4565438,0.99,0.4280152,0.98,0.5600167,0.99,0.5229797,0.99,0.5442892
,0.99,0.5514552,
0.97,0.925967,0.98,0.8544187,0.98,0.5491285,0.98,0.5408243,0.99,0.4867359,0.99,0.4597912,0.98,0.5844622,0.99,0.5494813,0.99,0.5696076,
0.99,0.5763756,
0.97,0.9303234,0.98,0.8629829,0.98,0.5756487,0.98,0.5678353,0.99,0.516928,0.99,0.4915672,0.99,0.6089051,0.99,0.575983,0.99,0.5949233,0
.99,0.6012934,
0.97,0.9346771,0.98,0.871547,0.98,0.6021715,0.98,0.5948464,0.99,0.5471201,0.99,0.5233458,0.99,0.6333479,0.99,0.6024846,0.99,0.6202417,
0.99,0.6262111,
0.97,0.9390308,0.98,0.8801112,0.98,0.6286944,0.98,0.6218548,0.99,0.5773122,0.99,0.5551218,0.99,0.6577908,0.99,0.6289862,0.99,0.6455574
,0.99,0.6511315,
0.98,0.9433872,0.98,0.8886726,0.98,0.6552146,0.98,0.6488658,0.99,0.6075042,0.99,0.5868977,0.99,0.6822336,0.99,0.6554853,0.99,0.6708758
,0.99,0.676052,
0.98,0.9477409,0.98,0.8972368,0.98,0.6817375,0.98,0.6758769,0.99,0.6376963,0.99,0.6186764,0.99,0.7066792,0.99,0.6819869,0.99,0.6961915
,0.99,0.7009697,
0.98,0.9520972,0.98,0.9058009,0.98,0.7082577,0.99,0.7028852,0.99,0.6678884,0.99,0.6504524,0.99,0.731122,0.99,0.7084885,0.99,0.7215099,
0.99,0.7258875,
0.98,0.956451,0.98,0.9143625,0.98,0.7347806,0.99,0.7298962,0.99,0.6980779,0.99,0.6822283,0.99,0.7555649,0.99,0.7349876,0.99,0.7468256,
0.99,0.7508079,
0.98,0.9608047,0.98,0.9229266,0.98,0.7613035,0.99,0.7569073,0.99,0.7282699,0.99,0.714007,0.99,0.7800077,0.99,0.7614892,0.99,0.772144,0
.99,0.7757283,
0.98,0.965161,0.98,0.9314908,0.99,0.7878237,0.99,0.7839157,0.99,0.758462,0.99,0.7457829,0.99,0.8044506,0.99,0.7879908,0.99,0.7974623,0
.99,0.800646,
0.98,0.9695147,0.98,0.9400549,0.99,0.8143466,0.99,0.8109267,0.99,0.7886541,0.99,0.7775615,0.99,0.828896,0.99,0.8144925,0.99,0.822778,0
.99,0.8255638,
0.98,0.9738711,0.98,0.9486191,0.99,0.8408667,0.99,0.8379378,0.99,0.8188462,0.99,0.8093375,0.99,0.8533389,0.99,0.8409941,0.99,0.8480964
,0.99,0.8504842,

0.98,0.9782248,0.99,0.9571806,0.99,0.8673896,0.99,0.8649461,0.99,0.8490382,0.99,0.8411135,0.99,0.8777817,0.99,0.8674931,0.99,0.8734121
,0.99,0.8754046,
0.98,0.9825785,0.99,0.9657447,0.99,0.8939125,0.99,0.8919572,0.99,0.8792303,0.99,0.8728921,0.99,0.9022246,0.99,0.8939947,0.99,0.8987305
,0.99,0.9003224,
0.99,0.9869349,0.99,0.9743088,0.99,0.9204327,0.99,0.9189682,0.99,0.9094224,0.99,0.9046681,0.99,0.9266675,0.99,0.9204964,0.99,0.9240462
,1,0.9252401,
0.99,0.9912886,0.99,0.9828704,0.99,0.9469556,0.99,0.9459792,1,0.9396145,1,0.936444,0.99,0.951113,0.99,0.9469954,0.99,0.9493646,1,0.950
1605,
0.99,0.995645,0.99,0.9914345,1,0.9734758,1,0.9729877,1,0.9698066,1,0.9682227,1,0.9755558,1,0.973497,1,0.9746803,1,0.9750809,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9994866,0,0,0,0.9795195,0,0.9762403,0,0.923436,0,0.9094357,0,0,0,0.9920686,0,0,0,0,
0.03,0.9995371,0,9.999868E-02,0.03,0.9815677,0.03,0.9786148,0.02,0.9310928,0.02,0.9184906,0,9.999868E-02,0.02,0.9928619,0,9.999868E-
02,0,9.999868E-02,
0.03,0.9995636,0,0.1499987,0.03,0.9825918,0.03,0.9798034,0.02,0.9349212,0.02,0.9230195,0,0.1499987,0.02,0.9932572,0,0.1499987,0,0.1499
987,
0.03,0.9995901,0,0.1999987,0.03,0.9836159,0.03,0.980992,0.02,0.9387496,0.02,0.9275483,0,0.1999987,0.02,0.9936551,0,0.1999987,0,0.19999
87,
0.03,0.999614,0,0.2499987,0.03,0.98464,0.03,0.9821806,0.02,0.9425753,0.03,0.9320771,0,0.2499987,0.02,0.9940504,0,0.2499987,0,0.2499987
,
0.03,0.9996405,0,0.2999987,0.03,0.9856641,0.03,0.9833692,0.03,0.9464037,0.04,0.9366059,0,0.2999987,0.02,0.9944484,0,0.2999987,0,0.2999
987,
0.03,0.999667,0,0.3499987,0.03,0.9866881,0.03,0.9845551,0.03,0.9502321,0.05,0.9411321,0,0.3499987,0.02,0.9948437,0,0.3499987,0,0.34999
87,
0.03,0.9996909,0,0.3999987,0.03,0.9877123,0.03,0.9857436,0.03,0.9540606,0.96,0.9456609,0,0.3999987,0.02,0.9952417,0,0.3999987,0,0.3999
987,
0.03,0.9997175,0,0.4499987,0.03,0.9887363,0.03,0.9869322,0.03,0.957889,0.96,0.9501897,0,0.4499987,0.02,0.995637,0,0.4499987,0,0.449998
7,
0.03,0.999744,0,0.4999987,0.03,0.9897578,0.03,0.9881182,0.95,0.9617174,0.96,0.9547158,0,0.4999987,0.02,0.996035,0,0.4999987,0,0.499998
7,
0.03,0.9997678,0,0.5499987,0.03,0.9907818,0.03,0.9893067,0.95,0.9655457,0.96,0.9592447,0,0.5499987,0.02,0.9964303,0,0.5499987,0,0.5499
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0.03,0.9997944,0,0.5999987,0.03,0.991806,0.03,0.9904953,0.96,0.9693741,0.96,0.9637735,0,0.5999987,0.02,0.9968256,0,0.5999987,0,0.59999
87,
0.03,0.9998183,0,0.6499987,0.03,0.99283,0.03,0.9916839,0.96,0.9732025,0.96,0.9683023,0,0.6499987,0.02,0.9972236,0,0.6499987,0,0.649998
7,
0.03,0.9998448,0,0.6999987,0.03,0.9938541,0.03,0.9928725,0.96,0.9770309,0.96,0.9728311,0,0.6999987,0.02,0.9976189,0,0.6999987,0,0.6999
987,
0.03,0.9998713,0,0.7499987,0.03,0.9948782,0.03,0.9940584,0.96,0.9808593,0.97,0.9773573,0,0.7499987,0.02,0.9980168,0,0.7499987,0,0.7499
987,
0.03,0.9998952,0,0.7999987,0.03,0.9959023,0.03,0.995247,0.96,0.9846851,0.97,0.9818861,0,0.7999987,0.02,0.9984121,0,0.7999987,0,0.79999
87,

0.03,0.9999217,0,0.8499987,0.03,0.9969264,0.03,0.9964356,0.97,0.9885135,0.98,0.9864149,0,0.8499987,0.02,0.9988101,0,0.8499987,0,0.8499987,
0.03,0.9999483,0,0.8999987,0.03,0.9979505,0.03,0.9976215,0.97,0.9923419,0.98,0.990941,0,0.8999987,0.02,0.9992054,0,0.8999987,0,0.8999987,
0.03,0.9999722,0,0.9499987,0.03,0.9989746,0.03,0.9988101,0.97,0.9961703,0.98,0.9954699,0,0.9499987,0.02,0.9996034,0,0.9499987,0,0.9499987,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.989812E-05,0,5.43882E-05,0,8.622519E-05,0,7.295978E-05,0,6.234745E-05,0,4.642895E-05,0,4.768916E-03,0,3.161148E-03,0,6.347501E-03,0,7.201794E-03,
0.99,0.1000172,0.03,0.1000491,0.04,0.1000783,0.03,0.100065,0.04,0.100057,0.04,0.1000411,0.02,0.1042914,0.02,0.1028454,0.01,0.1057134,0.01,0.1064828,
0.99,0.1500172,0.03,0.1500464,0.04,0.150073,0.04,0.1500624,0.99,0.1500517,0.99,0.1500385,0.02,0.1540526,0.02,0.1526863,0.02,0.155395,0.02,0.156122,
0.99,0.2000146,0.99,0.2000438,0.05,0.2000677,0.04,0.200057,0.99,0.2000491,0.99,0.2000358,0.02,0.2038138,0.02,0.2025297,0.02,0.2050767,0.02,0.2057612,
0.99,0.2500146,1,0.2500411,0.99,0.250065,0.99,0.2500544,0.99,0.2500464,0.99,0.2500358,0.02,0.253575,0.99,0.2523705,0.02,0.254761,0.02,0.2554004,
0.99,0.3000146,1,0.3000385,0.99,0.3000597,0.99,0.3000517,0.99,0.3000438,0.99,0.3000332,0.99,0.3033389,1,0.3022113,1,0.3044426,1,0.3050395,
0.99,0.3500119,1,0.3500358,0.99,0.3500544,0.99,0.3500464,0.99,0.3500411,0.99,0.3500305,1,0.3531001,1,0.3520548,1,0.3541242,1,0.3546814,
0.99,0.4000119,1,0.4000332,0.99,0.4000517,0.99,0.4000438,0.99,0.4000358,0.99,0.4000279,1,0.4028614,1,0.4018956,1,0.4038085,1,0.4043205,
0.99,0.4500093,1,0.4500305,0.99,0.4500464,0.99,0.4500385,0.99,0.4500332,0.99,0.4500252,1,0.4526226,1,0.4517391,1,0.4534901,1,0.4539597,
0.99,0.5000093,1,0.5000252,0.99,0.5000411,0.99,0.5000358,0.99,0.5000305,0.99,0.5000225,1,0.5023838,1,0.5015799,1,0.5031717,1,0.5036016,
1,0.5500093,1,0.5500225,0.99,0.5500385,0.99,0.5500332,0.99,0.5500278,0.99,0.5500199,1,0.552145,1,0.5514207,1,0.552856,1,0.5532407,
1,0.6000066,1,0.6000199,0.99,0.6000332,0.99,0.6000279,0.99,0.6000252,0.99,0.6000172,1,0.6019062,1,0.6012642,1,0.6025377,1,0.6028799,
1,0.6500067,1,0.6500173,0.99,0.6500305,1,0.6500252,0.99,0.6500199,0.99,0.6500146,1,0.6516675,1,0.651105,1,0.652222,1,0.6525191,
1,0.700004,1,0.7000146,1,0.7000252,1,0.7000199,1,0.7000173,1,0.700012,1,0.7014287,1,0.7009485,1,0.7019036,1,0.7021583,
1,0.750004,1,0.7500119,1,0.7500199,1,0.7500172,1,0.7500146,1,0.7500093,1,0.7511926,1,0.7507893,1,0.7515852,1,0.7518001,
1,0.800004,1,0.8000093,1,0.8000172,1,0.8000146,1,0.8000119,1,0.8000093,1,0.8009538,1,0.8006301,1,0.8012695,1,0.8014393,
1,0.8500013,1,0.8500066,1,0.8500119,1,0.8500093,1,0.8500093,1,0.8500066,1,0.850715,1,0.8504736,1,0.8509511,1,0.8510785,
1,0.9000013,1,0.900004,1,0.9000067,1,0.9000067,1,0.900004,1,0.900004,1,0.9004762,1,0.9003144,1,0.9006327,1,0.9007203,
1,0.9499987,1,0.9500013,1,0.950004,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9502375,1,0.9501579,1,0.950317,1,0.9503595,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9969158,0,0.9925408,0,0.946218,0,0.9431537,0,0.9221201,0,0.9091359,0,0.9564059,0,0.946677,0,0.952397,0,0.9538297,
0.93,0.9972236,0.94,0.9932864,0.93,0.9515958,0.94,0.9488392,0.95,0.9299069,0.96,0.9182227,0.96,0.9607649,0.96,0.9520097,0.96,0.9571567,0.97,0.9584461,
0.93,0.9973775,0.94,0.9936604,0.93,0.954286,0.94,0.9516807,0.95,0.9338016,0.96,0.9227648,0.96,0.9629457,0.96,0.954676,0.96,0.9595365,0.97,0.9607543,
0.93,0.9975313,0.94,0.9940319,0.94,0.9569736,0.94,0.9545222,0.96,0.9376963,0.96,0.9273095,0.96,0.9651239,0.96,0.9573424,0.96,0.9619163,0.97,0.9630625,
0.93,0.9976852,0.94,0.994406,0.94,0.9596639,0.94,0.9573636,0.96,0.9415884,0.96,0.9318516,0.96,0.9673047,0.96,0.9600061,0.97,0.9642988,0.97,0.9653707,
0.93,0.9978417,0.94,0.9947774,0.94,0.9623514,0.95,0.9602078,0.96,0.9454831,0.96,0.9363937,0.96,0.9694829,0.96,0.9626725,0.97,0.9666786,0.97,0.9676815,
0.93,0.9979956,0.94,0.9951515,0.94,0.9650416,0.95,0.9630492,0.96,0.9493778,0.96,0.9409384,0.96,0.9716638,0.96,0.9653388,0.97,0.9690584,0.97,0.9699897,
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0.93,0.9983034,0.95,0.995897,0.95,0.9704195,0.96,0.9687347,0.97,0.9571646,0.97,0.9500252,0.97,0.9760228,0.97,0.9706715,0.97,0.9738181,0.97,0.974606,
0.95,0.9984573,0.95,0.9962685,0.95,0.973107,0.96,0.9715762,0.97,0.9610594,0.97,0.9545673,0.97,0.978201,0.97,0.9733378,0.97,0.9761978,0.98,0.9769142,
0.95,0.9986111,0.96,0.9966425,0.95,0.9757972,0.96,0.9744176,0.97,0.9649541,0.97,0.9591094,0.97,0.9803818,0.97,0.9760042,0.97,0.9785777,0.98,0.9792224,
0.95,0.998765,0.96,0.9970166,0.96,0.9784875,0.96,0.9772618,0.97,0.9688462,0.97,0.9636541,0.97,0.9825626,0.97,0.9786705,0.98,0.9809575,0.98,0.9815305,
0.95,0.9989189,0.96,0.9973881,0.96,0.9811751,0.96,0.9801032,0.97,0.9727409,0.97,0.9681962,0.97,0.9847408,0.97,0.9813369,0.98,0.9833373,0.98,0.9838387,
0.95,0.9990727,0.96,0.9977621,0.96,0.9838653,0.96,0.9829447,0.97,0.9766356,0.98,0.9727409,0.97,0.9869216,0.98,0.9840032,0.98,0.9857171,0.98,0.9861469,
0.95,0.9992293,0.96,0.9981335,0.96,0.9865528,0.96,0.9857888,0.97,0.9805303,0.98,0.977283,0.97,0.9890998,0.98,0.9866696,0.98,0.988097,0.98,0.9884577,
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0.96,0.9995371,0.96,0.9988791,0.96,0.9919307,0.97,0.9914716,0.97,0.9883171,0.98,0.9863698,0.97,0.9934588,0.98,0.9919996,0.98,0.9928592,0.98,0.9930741,
0.97,0.9996909,0.97,0.9992532,0.97,0.9946209,0.98,0.9943131,0.98,0.9922119,0.98,0.9909118,0.98,0.9956397,0.98,0.994666,0.98,0.995239,0.99,0.9953823,
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0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,1.459196E-05,0,8.622519E-05,0,0,0.3631314,0,0.9087061,0,0.9102847,0,0
1,0.1000119,0.04,0.1000783,0.24,0.4268187,0.13,0.9178354,0.01,0.9192547,0,9.999868E-02
1,0.1500119,0.27,0.150073,0.31,0.458661,0.13,0.9224013,0.01,0.9237411,0,0.1499987
1,0.2000119,0.29,0.2000677,0.52,0.4905059,0.23,0.9269646,0.01,0.9282275,0,0.1999987
1,0.2500093,0.57,0.250065,0.94,0.5223482,0.23,0.9315279,0.01,0.9327139,0,0.2499987
1,0.3000093,0.99,0.3000597,0.95,0.5541905,0.23,0.9360939,0.01,0.9372002,0,0.2999987
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1,0.4500066,1,0.4500464,0.95,0.6497228,0.45,0.9497864,0.13,0.9506567,0,0.4499987
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1,0.5500066,1,0.5500385,0.95,0.7134073,0.77,0.9589183,0.13,0.9596267,0,0.5499987
1,0.600004,1,0.6000332,0.95,0.7452523,0.92,0.9634817,0.23,0.9641131,0,0.5999987
1,0.650004,1,0.6500305,0.95,0.7770946,0.92,0.9680449,0.23,0.9685994,0,0.6499987
1,0.700004,1,0.7000252,0.95,0.8089396,0.93,0.9726109,0.23,0.9730858,0,0.6999987
1,0.750004,1,0.7500199,0.97,0.8407819,0.93,0.9771768,0.23,0.9775695,0,0.7499987
1,0.8000013,1,0.8000172,0.98,0.8726242,0.93,0.9817402,0.23,0.9820559,0,0.7999987
1,0.8500013,1,0.8500119,0.98,0.9044691,0.93,0.9863034,0.23,0.9865422,0,0.8499987
1,0.9000013,1,0.9000067,0.99,0.9363114,0.93,0.9908694,0.23,0.9910259,0,0.8999987

1,0.9499987,1,0.950004,1,0.9681564,0.94,0.9954354,0.23,0.9955123,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.98,0.9999987,0.28,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,3.979624E-06,0,4.908203E-05,0,7.295978E-05,0,6.234745E-05,0,4.642895E-05,0,3.051045E-05,0,1.286745E-04,0,9.683752E-05,0,1.233684E-
04,0,2.74992E-03,
1,0.100004,1,0.1000438,1,0.100065,1,0.100057,1,0.1000411,1,0.1000279,0.04,0.1001154,0.04,0.1000862,0.03,0.1001101,0.03,0.102474,
1,0.150004,1,0.1500411,1,0.1500624,1,0.1500517,1,0.1500385,1,0.1500252,1,0.1501101,1,0.1500809,1,0.1501048,1,0.152336,
1,0.200004,1,0.2000385,1,0.200057,1,0.2000491,1,0.2000358,1,0.2000252,1,0.2001022,1,0.2000783,1,0.2000995,1,0.2022007,
1,0.250004,1,0.2500358,1,0.2500544,1,0.2500464,1,0.2500358,1,0.2500226,1,0.2500968,1,0.250073,1,0.2500915,1,0.2520628,
1,0.3000013,1,0.3000332,1,0.3000517,1,0.3000438,1,0.3000332,1,0.3000199,1,0.3000889,1,0.3000677,1,0.3000862,1,0.3019248,
1,0.3500013,1,0.3500305,1,0.3500464,1,0.3500411,1,0.3500305,1,0.3500199,1,0.3500836,1,0.3500623,1,0.3500809,1,0.3517869,
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1,0.7000013,1,0.7000146,1,0.7000199,1,0.7000173,1,0.700012,1,0.7000093,1,0.7000385,1,0.7000279,1,0.7000358,1,0.7008238,
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1,0.8499987,1,0.8500066,1,0.8500093,1,0.8500093,1,0.8500066,1,0.850004,1,0.8500172,1,0.8500146,1,0.8500172,1,0.8504125,
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1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.950004,1,0.950004,1,0.950004,1,0.9501367,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.8965178,0,0.8434217,0,0.5342473,0,0.5169652,0,0.4513146,0,0.4164213,0,0.5550634,0,0.5123116,0,0.5298273,0,0.5298485,
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0.99,0.5768638,
0.97,0.912041,0.98,0.8669094,0.98,0.604111,0.98,0.5894209,0.98,0.5336186,0.99,0.5039571,0.98,0.6218044,0.99,0.5854651,0.99,0.6003542,0
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0.97,0.9172145,0.98,0.874736,0.98,0.6273971,0.98,0.6135718,0.99,0.5610514,0.99,0.5331357,0.99,0.6440505,0.99,0.6098496,0.99,0.6238605,
0.99,0.6238791,
0.98,0.922388,0.98,0.8825653,0.98,0.6506858,0.98,0.6377228,0.99,0.5884843,0.99,0.5623143,0.99,0.6662965,0.99,0.6342341,0.99,0.6473694,
0.99,0.6473854,

0.98,0.9275616,0.98,0.8903945,0.98,0.673972,0.98,0.6618739,0.99,0.6159198,0.99,0.5914955,0.99,0.6885427,0.99,0.6586186,0.99,0.6708784,
0.99,0.6708943,
0.98,0.9327351,0.98,0.8982238,0.98,0.6972607,0.98,0.6860275,0.99,0.6433554,0.99,0.6206741,0.99,0.7107914,0.99,0.683003,0.99,0.6943874,
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0.98,0.9379112,0.98,0.906053,0.98,0.7205468,0.98,0.7101786,0.99,0.6707882,0.99,0.6498528,0.99,0.7330375,0.99,0.7073875,0.99,0.7178963,
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0.98,0.9430847,0.98,0.9138823,0.98,0.7438356,0.99,0.7343296,0.99,0.6982211,0.99,0.6790314,0.99,0.7552836,0.99,0.731772,0.99,0.7414053,
0.99,0.741416,
0.98,0.9482583,0.98,0.9217115,0.98,0.7671217,0.99,0.7584832,0.99,0.7256566,0.99,0.70821,0.99,0.7775323,0.99,0.7561538,0.99,0.7649143,0
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0.98,0.9534318,0.98,0.9295381,0.98,0.7904105,0.99,0.7826343,0.99,0.7530922,0.99,0.7373886,0.99,0.7997785,0.99,0.7805383,0.99,0.7884206
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0.98,0.9586053,0.99,0.9373673,0.99,0.8136992,0.99,0.8067853,0.99,0.780525,0.99,0.7665672,0.99,0.8220246,0.99,0.8049228,0.99,0.8119296,
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0.99,0.9637814,0.99,0.9451966,0.99,0.8369853,0.99,0.8309363,0.99,0.8079579,0.99,0.7957458,0.99,0.8442706,0.99,0.8293073,0.99,0.8354385
,0.99,0.8354465,
0.99,0.968955,0.99,0.9530258,0.99,0.8602741,0.99,0.8550873,0.99,0.8353934,0.99,0.8249244,0.99,0.8665168,0.99,0.8536918,0.99,0.8589475,
0.99,0.8589528,
0.99,0.9741285,0.99,0.9608551,0.99,0.8835602,0.99,0.8792409,0.99,0.862829,0.99,0.8541057,0.99,0.8887655,0.99,0.8780763,0.99,0.8824565,
0.99,0.8824618,
0.99,0.979302,0.99,0.9686843,0.99,0.9068489,0.99,0.903392,0.99,0.8902619,0.99,0.8832843,0.99,0.9110116,0.99,0.9024608,0.99,0.9059654,1
,0.9059681,
0.99,0.9844755,0.99,0.9765109,0.99,0.9301351,0.99,0.927543,0.99,0.9176947,1,0.9124628,0.99,0.9332577,0.99,0.9268452,1,0.9294718,1,0.92
94771,
0.99,0.9896517,0.99,0.9843402,0.99,0.9534238,0.99,0.9516966,1,0.9451303,1,0.9416414,1,0.9555064,1,0.9512297,1,0.9529808,1,0.9529834,
1,0.9948252,1,0.9921694,1,0.9767099,1,0.9758477,1,0.9725658,1,0.9708201,1,0.9777526,1,0.9756142,1,0.9764897,1,0.9764923,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9966372,0,0,0,0.9683076,0,0.9633251,0,0.9009565,0,0.8849,0,0,0,0.9875664,0,0,0,0,
0.03,0.9969742,0,9.999868E-02,0.03,0.971478,0.03,0.9669917,0.02,0.9108604,0.02,0.896409,0,9.999868E-02,0.02,0.9888106,0,9.999868E-
02,0,9.999868E-02,
0.03,0.9971413,0,0.1499987,0.03,0.9730619,0.03,0.9688249,0.02,0.9158137,0.02,0.9021636,0,0.1499987,0.02,0.9894314,0,0.1499987,0,0.1499
987,
0.03,0.9973084,0,0.1999987,0.03,0.9746458,0.03,0.9706609,0.02,0.9207643,0.02,0.9079208,0,0.1999987,0.02,0.9900523,0,0.1999987,0,0.1999
987,
0.03,0.9974782,0,0.2499987,0.03,0.9762297,0.03,0.9724942,0.02,0.9257177,0.02,0.9136753,0,0.2499987,0.02,0.9906757,0,0.2499987,0,0.2499
987,
0.03,0.9976454,0,0.2999987,0.03,0.9778136,0.03,0.9743274,0.02,0.9306683,0.02,0.9194298,0,0.2999987,0.02,0.9912966,0,0.2999987,0,0.2999
987,
0.03,0.9978125,0,0.3499987,0.03,0.9794002,0.03,0.9761607,0.02,0.9356216,0.02,0.9251844,0,0.3499987,0.02,0.9919174,0,0.3499987,0,0.3499
987,

0.03,0.9979823,0,0.3999987,0.03,0.980984,0.03,0.977994,0.03,0.9405723,0.03,0.9309389,0,0.3999987,0.02,0.9925382,0,0.3999987,0,0.399998
7,
0.03,0.9981495,0,0.4499987,0.03,0.9825679,0.03,0.9798273,0.03,0.9455256,0.04,0.9366935,0,0.4499987,0.02,0.9931617,0,0.4499987,0,0.4499
987,
0.03,0.9983166,0,0.4999987,0.03,0.9841545,0.03,0.9816605,0.03,0.9504762,0.05,0.942448,0,0.4999987,0.02,0.9937825,0,0.4999987,0,0.49999
87,
0.03,0.9984864,0,0.5499987,0.03,0.9857383,0.03,0.9834965,0.03,0.9554296,0.96,0.9482052,0,0.5499987,0.02,0.9944033,0,0.5499987,0,0.5499
987,
0.03,0.9986535,0,0.5999987,0.03,0.9873223,0.03,0.9853298,0.05,0.9603828,0.96,0.9539597,0,0.5999987,0.02,0.9950268,0,0.5999987,0,0.5999
987,
0.03,0.9988233,0,0.6499987,0.03,0.9889061,0.03,0.9871631,0.05,0.9653335,0.96,0.9597142,0,0.6499987,0.02,0.9956476,0,0.6499987,0,0.6499
987,
0.03,0.9989905,0,0.6999987,0.03,0.99049,0.03,0.9889963,0.95,0.9702868,0.96,0.9654688,0,0.6999987,0.02,0.9962685,0,0.6999987,0,0.699998
7,
0.03,0.9991577,0,0.7499987,0.03,0.9920766,0.03,0.9908296,0.96,0.9752374,0.96,0.9712234,0,0.7499987,0.02,0.9968892,0,0.7499987,0,0.7499
987,
0.03,0.9993274,0,0.7999987,0.03,0.9936604,0.03,0.9926629,0.96,0.9801908,0.97,0.9769779,0,0.7999987,0.02,0.9975128,0,0.7999987,0,0.7999
987,
0.03,0.9994946,0,0.8499987,0.03,0.9952443,0.03,0.9944988,0.96,0.9851414,0.97,0.982735,0,0.8499987,0.02,0.9981335,0,0.8499987,0,0.84999
87,
0.03,0.9996617,0,0.8999987,0.03,0.9968309,0.03,0.9963321,0.97,0.9900947,0.98,0.9884896,0,0.8999987,0.02,0.9987544,0,0.8999987,0,0.8999
987,
0.03,0.9998316,0,0.9499987,0.03,0.9984148,0.03,0.9981654,0.97,0.9950454,0.98,0.9942442,0,0.9499987,0.02,0.9993778,0,0.9499987,0,0.9499
987,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999
987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,5.43882E-05,0,2.029608E-04,0,4.337791E-04,0,3.515335E-04,0,2.109201E-04,0,1.419399E-04,0,1.349756E-02,0,9.708957E-03,0,1.928128E-
02,0,2.271437E-02,
0.99,0.1000491,0.03,0.1001817,0.04,0.1003913,0.03,0.100317,0.03,0.1001897,0.03,0.1001287,0.02,0.1121471,0.02,0.1087379,0.01,0.1173525,
0.01,0.1204433,
0.99,0.1500464,0.03,0.1501711,0.04,0.1503675,0.04,0.1502985,0.04,0.1501791,0.99,0.1501207,0.02,0.1614733,0.02,0.1582524,0.02,0.1663894
,0.02,0.1693078,
0.99,0.2000438,1,0.2001632,0.99,0.2003462,0.05,0.2002799,0.99,0.2001685,0.99,0.2001128,0.02,0.2107967,0.03,0.2077669,0.02,0.2154237,0.
02,0.2181723,
0.99,0.2500411,1,0.2501526,0.99,0.250325,0.99,0.250264,0.99,0.2501579,0.99,0.2501048,0.03,0.2601228,0.99,0.2572814,0.02,0.2644606,0.02
,0.2670368,
0.99,0.3000385,1,0.3001419,0.99,0.3003038,0.99,0.3002454,0.99,0.3001472,0.99,0.3000995,1,0.309449,1,0.3067959,1,0.3134976,1,0.3158986,
0.99,0.3500358,1,0.3501313,0.99,0.3502825,0.99,0.3502268,0.99,0.3501366,0.99,0.3500915,1,0.3587724,1,0.3563104,1,0.3625318,1,0.3647631
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1,0.5000252,1,0.5000995,0.99,0.5002162,0.99,0.5001737,0.99,0.5001048,0.99,0.5000703,1,0.5067481,1,0.5048538,1,0.50964,1,0.5113565,
1,0.5500225,1,0.5500915,0.99,0.550195,0.99,0.5501578,0.99,0.5500942,0.99,0.5500624,1,0.5560743,1,0.5543683,1,0.5586769,1,0.560221,
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1,0.7500119,1,0.7500491,1,0.7501075,1,0.7500862,1,0.7500517,1,0.7500358,1,0.7533734,1,0.7524263,1,0.7548193,1,0.7556763,
1,0.8000093,1,0.8000385,1,0.8000862,1,0.8000703,1,0.8000411,1,0.8000278,1,0.8026995,1,0.8019407,1,0.8038563,1,0.8045408,
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1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9807559,0,0.9706237,0,0.9196156,0,0.9144394,0,0.8946819,0,0.8822947,0,0.9218389,0,0.9114388,0,0.9161772,0,0.9160259,
0.11,0.9826794,0.09,0.9735607,0.08,0.9276544,0.07,0.9229956,0.06,0.9052146,0.05,0.8940664,0.06,0.9296548,0.05,0.9202948,0.05,0.9245583
,0.05,0.924423,
0.93,0.9836424,0.1,0.9750305,0.09,0.9316738,0.08,0.9272724,0.07,0.9104784,0.06,0.8999509,0.07,0.9335628,0.06,0.9247227,0.06,0.9287502,
0.05,0.9286228,
0.93,0.9846055,0.94,0.9764977,0.1,0.9356933,0.09,0.9315518,0.95,0.9157447,0.96,0.9058354,0.96,0.9374708,0.96,0.9291508,0.96,0.932942,0
.97,0.93282,
0.93,0.9855659,0.94,0.9779675,0.93,0.93971,0.94,0.9358286,0.95,0.9210111,0.96,0.91172,0.96,0.9413788,0.96,0.9335787,0.96,0.9371312,0.9
7,0.9370198,
0.93,0.986529,0.94,0.9794373,0.94,0.9437295,0.94,0.940108,0.96,0.9262775,0.96,0.9176045,0.96,0.9452868,0.96,0.9380068,0.97,0.9413231,0
.97,0.9412169,
0.93,0.987492,0.94,0.9809045,0.94,0.9477488,0.94,0.9443848,0.96,0.9315438,0.96,0.9234917,0.96,0.9491948,0.96,0.9424347,0.97,0.945515,0
.97,0.9454168,
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0.95,0.9894155,0.95,0.9838414,0.95,0.9557877,0.96,0.9529409,0.97,0.9420739,0.97,0.9352608,0.97,0.9570107,0.97,0.9512907,0.97,0.953896,
0.98,0.9538138,
0.95,0.9903786,0.96,0.9853112,0.95,0.9598071,0.96,0.9572204,0.97,0.9473403,0.97,0.941148,0.97,0.9609188,0.97,0.9557187,0.97,0.9580879,
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0.95,0.991339,0.96,0.986781,0.95,0.9638265,0.96,0.9614971,0.97,0.9526067,0.97,0.9470325,0.97,0.9648268,0.97,0.9601467,0.97,0.9622798,0
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8,0.9664106,
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,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,4.642895E-05,0,3.276557E-04,0,0.4088679,0,0.8711464,0,0.8886912,0,0
0.43,0.1000411,0.04,0.1002958,0.24,0.4679813,0.12,0.8840324,0.01,0.8998209,0,9.999868E-02
1,0.1500385,0.16,0.1502772,0.24,0.4975366,0.13,0.8904741,0.01,0.9053871,0,0.1499987

1,0.2000358,0.29,0.2002613,0.51,0.5270946,0.22,0.8969158,0.01,0.9109532,0,0.1999987
1,0.2500358,0.57,0.2502454,0.78,0.5566499,0.23,0.9033601,0.01,0.9165168,0,0.2499987
1,0.3000332,0.99,0.3002295,0.93,0.5862079,0.25,0.9098018,0.01,0.922083,0,0.2999987
1,0.3500305,0.99,0.3502136,0.95,0.6157633,0.36,0.9162435,0.01,0.9276491,0,0.3499987
1,0.4000279,1,0.400195,0.95,0.6453213,0.45,0.9226878,0.01,0.9332153,0,0.3999987
1,0.4500252,1,0.4501791,0.95,0.6748766,0.52,0.9291295,0.01,0.9387788,0,0.4499987
1,0.5000225,1,0.5001631,0.95,0.7044346,0.62,0.9355712,0.01,0.9443449,0,0.4999987
1,0.5500199,1,0.5501472,0.95,0.73399,0.7,0.9420155,0.12,0.9499111,0,0.5499987
1,0.6000172,1,0.6001313,0.95,0.7635453,0.8,0.9484572,0.12,0.9554746,0,0.5999987
1,0.6500146,1,0.6501127,0.95,0.7931033,0.84,0.9549016,0.13,0.9610408,0,0.6499987
1,0.700012,1,0.7000968,0.95,0.8226587,0.9,0.9613432,0.14,0.966607,0,0.6999987
1,0.7500093,1,0.7500809,0.97,0.8522167,0.92,0.9677849,0.22,0.9721732,0,0.7499987
1,0.8000093,1,0.800065,0.98,0.881772,0.93,0.9742293,0.23,0.9777367,0,0.7999987
1,0.8500066,1,0.8500491,0.99,0.91133,0.93,0.980671,0.23,0.9833028,0,0.8499987
1,0.900004,1,0.9000305,0.99,0.9408853,0.94,0.9871126,0.23,0.988869,0,0.8999987
1,0.9500013,1,0.9500146,1,0.9704433,0.95,0.993557,0.23,0.9944325,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.98,0.9999987,0.31,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99761, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,0.3082874, %
Acceptable Depth in Reach,1,8.709517, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,5.120436E-02, %
Optimum Velocity in Reach,2,99.99416, %
Acceptable Velocity in Reach,2,99.99814, %
Optimum Depth in Reach,2,0.7457796, %
Acceptable Depth in Reach,2,17.12693, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.99098, %
Acceptable Velocity in Reach,3,99.99655, %
Optimum Depth in Reach,3,5.37805, %
Acceptable Depth in Reach,3,53.04348, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,2.047909, %
Optimum Velocity in Reach,4,99.9923, %
Acceptable Velocity in Reach,4,99.99734, %
Optimum Depth in Reach,4,5.684481, %
Acceptable Depth in Reach,4,54.02034, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,2.375829, %

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Optimum Velocity in Reach,5,99.99336, %
Acceptable Velocity in Reach,5,99.99841, %
Optimum Depth in Reach,5,7.787838, %
Acceptable Depth in Reach,5,60.38374, %
Optimum Depth & Velocity in Reach,5,3.873491E-02, %
Acceptable Depth & Velocity in Reach,5,7.656246, %
Optimum Velocity in Reach,6,99.99496, %
Acceptable Velocity in Reach,6,99.99841, %
Optimum Depth in Reach,6,9.086254, %
Acceptable Depth in Reach,6,63.55364, %
Optimum Depth & Velocity in Reach,6,2.225135, %
Acceptable Depth & Velocity in Reach,6,9.056274, %
Optimum Velocity in Reach,7,99.98276, %
Acceptable Velocity in Reach,7,99.99443, %
Optimum Depth in Reach,7,4.359269, %
Acceptable Depth in Reach,7,48.88663, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.98806, %
Acceptable Velocity in Reach,8,99.99576, %
Optimum Depth in Reach,8,5.332152, %
Acceptable Depth in Reach,8,53.00182, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0.7930044, %
Optimum Velocity in Reach,9,99.98222, %
Acceptable Velocity in Reach,9,99.9947, %
Optimum Depth in Reach,9,4.760149, %
Acceptable Depth in Reach,9,50.63422, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.98222, %
Acceptable Velocity in Reach,10,99.99522, %
Optimum Depth in Reach,10,4.616883, %
Acceptable Depth in Reach,10,49.83803, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.98987, %
Acceptable Velocity in Stream,99.99684, %
Optimum Depth in Stream,4.805914, %
Acceptable Depth in Stream,45.91984, %
Optimum Depth & Velocity in Stream,0.226387, %
Acceptable Depth & Velocity in Stream,2.198047, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99416, %
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Acceptable Velocity in Reach,1,99.9992, %
Optimum Depth in Reach,1,1.924276, %
Acceptable Depth in Reach,1,10.34806, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0.3361447, %
Optimum Velocity in Reach,2,99.97931, %
Acceptable Velocity in Reach,2,99.9947, %
Optimum Depth in Reach,2,2.937486, %
Acceptable Depth in Reach,2,15.65766, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.95622, %
Acceptable Velocity in Reach,3,99.9923, %
Optimum Depth in Reach,3,8.038289, %
Acceptable Depth in Reach,3,46.57501, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,3.169099, %
Optimum Velocity in Reach,4,99.96445, %
Acceptable Velocity in Reach,4,99.99336, %
Optimum Depth in Reach,4,8.555904, %
Acceptable Depth in Reach,4,48.30323, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,3.667347, %
Optimum Velocity in Reach,5,99.97852, %
Acceptable Velocity in Reach,5,99.99496, %
Optimum Depth in Reach,5,10.53165, %
Acceptable Depth in Reach,5,54.86826, %
Optimum Depth & Velocity in Reach,5,0.1610417, %
Acceptable Depth & Velocity in Reach,5,9.904198, %
Optimum Velocity in Reach,6,99.98541, %
Acceptable Velocity in Reach,6,99.99655, %
Optimum Depth in Reach,6,11.77037, %
Acceptable Depth in Reach,6,58.35759, %
Optimum Depth & Velocity in Reach,6,2.828975, %
Acceptable Depth & Velocity in Reach,6,11.50984, %
Optimum Velocity in Reach,7,99.89308, %
Acceptable Velocity in Reach,7,99.98673, %
Optimum Depth in Reach,7,7.815961, %
Acceptable Depth in Reach,7,44.49341, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.93447, %
Acceptable Velocity in Reach,8,99.98992, %
Optimum Depth in Reach,8,8.855968, %
Acceptable Depth in Reach,8,48.76857, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,1.243231, %
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Optimum Velocity in Reach,9,99.90184, %
Acceptable Velocity in Reach,9,99.98726, %
Optimum Depth in Reach,9,8.382128, %
Acceptable Depth in Reach,9,47.01701, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.90794, %
Acceptable Velocity in Reach,10,99.98647, %
Optimum Depth in Reach,10,8.39725, %
Acceptable Depth in Reach,10,47.01489, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.94954, %
Acceptable Velocity in Stream,99.99214, %
Optimum Depth in Stream,7.720928, %
Acceptable Depth in Stream,42.14037, %
Optimum Depth & Velocity in Stream,0.2990016, %
Acceptable Depth & Velocity in Stream,2.982986, %
```

Stream Health Run 14

Run Date,6/11/2002
Run Time,8:13:34 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityClusterNoRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Fantail Darter.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8142,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,3.029482,Index,3
90-10 Range ,105.2433,Index,5
Number of Storms 3x Median,12216,Index,5
Number of High Flow Events,1992,Index,3
High Flow Duration (hrs) ,95658,Index,3
Number of Low Flow Events ,123,Index,3
Low Flow Duration (hrs) ,16215,Index,3
Overall Index,3.555556
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,2.785737E-05,0,4.377587E-05,0,3.316353E-05,0,2.785737E-05,0,1.459196E-05,0,5.969436E-05,0,5.43882E-05,0,7.786799E-
04,0,1.489706E-03,
1,0.1000013,1,0.1000252,1,0.1000385,1,0.1000305,1,0.1000252,1,0.1000119,0.03,0.1000544,1,0.1000491,0.03,0.1007017,0.03,0.1013411,
1,0.1500013,1,0.1500226,1,0.1500358,1,0.1500279,1,0.1500226,1,0.1500119,1,0.1500517,1,0.1500464,1,0.1506619,1,0.1512668,
1,0.2000013,1,0.2000225,1,0.2000358,1,0.2000252,1,0.2000225,1,0.2000119,1,0.2000464,1,0.2000438,1,0.2006221,1,0.2011926,
1,0.2500013,1,0.2500199,1,0.2500332,1,0.2500252,1,0.2500199,1,0.2500093,1,0.2500438,1,0.2500411,1,0.2505823,1,0.2511183,
1,0.3000013,1,0.3000199,1,0.3000305,1,0.3000225,1,0.3000199,1,0.3000093,1,0.3000411,1,0.3000385,1,0.3005452,1,0.3010413,

1,0.3500013,1,0.3500172,1,0.3500279,1,0.3500199,1,0.3500172,1,0.3500093,1,0.3500385,1,0.3500358,1,0.3505054,1,0.350967,
1,0.4000013,1,0.4000172,1,0.4000252,1,0.4000199,1,0.4000172,1,0.4000093,1,0.4000358,1,0.4000332,1,0.4004656,1,0.4008928,
1,0.4500013,1,0.4500146,1,0.4500225,1,0.4500172,1,0.4500146,1,0.4500066,1,0.4500332,1,0.4500305,1,0.4504285,1,0.4508185,
1,0.4999987,1,0.5000146,1,0.5000199,1,0.5000146,1,0.5000146,1,0.5000066,1,0.5000305,1,0.5000252,1,0.5003887,1,0.5007442,
1,0.5499987,1,0.5500119,1,0.5500199,1,0.5500146,1,0.5500119,1,0.5500066,1,0.5500252,1,0.5500225,1,0.5503489,1,0.5506699,
1,0.5999987,1,0.6000093,1,0.6000172,1,0.6000119,1,0.6000093,1,0.600004,1,0.6000226,1,0.6000199,1,0.6003118,1,0.6005956,
1,0.6499987,1,0.6500093,1,0.6500146,1,0.650012,1,0.6500093,1,0.650004,1,0.6500199,1,0.6500173,1,0.650272,1,0.6505213,
1,0.6999987,1,0.7000066,1,0.700012,1,0.7000093,1,0.7000066,1,0.700004,1,0.7000173,1,0.7000146,1,0.7002321,1,0.700447,
1,0.7499987,1,0.7500066,1,0.7500093,1,0.7500066,1,0.7500066,1,0.750004,1,0.7500146,1,0.7500119,1,0.750195,1,0.7503701,
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1,0.8499987,1,0.850004,1,0.8500066,1,0.850004,1,0.850004,1,0.8500013,1,0.8500066,1,0.8500066,1,0.8501154,1,0.8502215,
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1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500385,1,0.9500729,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9130014,0,0.8288854,0,0.4704805,0,0.4608392,0,0.397664,0,0.3663682,0,0.5118685,0,0.4709474,0,0.4944935,0,0.5024501,
0.97,0.9217009,0.97,0.8459978,0.06,0.5234333,0.04,0.5147551,0.03,0.4578969,0.03,0.4297318,0.04,0.5606827,0.03,0.5238525,0.03,0.5450427
,0.03,0.552206,
0.97,0.926052,0.98,0.8545514,0.97,0.5499085,0.98,0.5417131,0.98,0.4880147,0.03,0.4614122,0.98,0.5850884,0.98,0.5503064,0.99,0.5703186,
0.99,0.5770813,
0.97,0.9304004,0.98,0.8631076,0.97,0.5763836,0.98,0.568671,0.98,0.5181298,0.98,0.4930953,0.98,0.609494,0.99,0.5767577,0.99,0.5955946,0
.99,0.6019593,
0.97,0.9347514,0.98,0.8716637,0.98,0.6028587,0.98,0.595629,0.98,0.5482476,0.99,0.5247758,0.98,0.6338997,0.99,0.6032089,0.99,0.6208705,
0.99,0.6268373,
0.97,0.9390998,0.98,0.8802199,0.98,0.6293365,0.98,0.622587,0.99,0.5783654,0.99,0.5564563,0.99,0.6583081,0.99,0.6296628,0.99,0.6461464,
0.99,0.6517152,
0.97,0.9434509,0.98,0.8887761,0.98,0.6558116,0.98,0.649545,0.99,0.6084806,0.99,0.5881394,0.99,0.6827139,0.99,0.6561167,0.99,0.6714197,
0.99,0.6765932,
0.98,0.9477993,0.98,0.8973297,0.98,0.6822867,0.98,0.6765029,0.99,0.6385984,0.99,0.6198199,0.99,0.7071195,0.99,0.6825679,0.99,0.6966956
,0.99,0.7014685,
0.98,0.9521503,0.98,0.9058859,0.98,0.7087644,0.98,0.7034609,0.99,0.6687135,0.99,0.651503,0.99,0.7315279,0.99,0.7090192,0.99,0.7219715,
0.99,0.7263464,
0.98,0.9564987,0.98,0.9144421,0.98,0.7352396,0.98,0.7304189,0.99,0.6988313,0.99,0.6831834,0.99,0.7559336,0.99,0.735473,0.99,0.7472448,
0.99,0.7512244,
0.98,0.9608498,0.98,0.9229982,0.98,0.7617147,0.99,0.7573769,0.99,0.7289491,0.99,0.7148639,0.99,0.7803393,0.99,0.7619269,0.99,0.7725207
,0.99,0.7761024,
0.98,0.9652008,0.98,0.9315544,0.98,0.7881925,0.99,0.7843349,0.99,0.7590643,0.99,0.746547,0.99,0.8047477,0.99,0.7883782,0.99,0.7977966,
0.99,0.8009803,
0.98,0.9695492,0.98,0.940108,0.98,0.8146676,0.99,0.8112928,0.99,0.7891821,0.99,0.7782274,0.99,0.8291534,0.99,0.8148294,0.99,0.8230726,
0.99,0.8258556,
0.98,0.9739003,0.98,0.9486642,0.99,0.8411427,0.99,0.8382508,0.99,0.8192972,0.99,0.8099106,0.99,0.8535591,0.99,0.8412833,0.99,0.8483484
,0.99,0.8507336,

0.98,0.9782487,0.98,0.9572204,0.99,0.8676205,0.99,0.8652088,0.99,0.849415,0.99,0.8415911,0.99,0.8779675,0.99,0.8677372,0.99,0.8736217,
0.99,0.8756115,
0.98,0.9825997,0.99,0.9657766,0.99,0.8940955,0.99,0.8921668,0.99,0.8795328,0.99,0.8732715,0.99,0.9023732,0.99,0.8941884,0.99,0.8988976
,0.99,0.9004895,
0.99,0.9869481,0.99,0.9743327,0.99,0.9205707,0.99,0.9191247,0.99,0.9096479,0.99,0.9049546,0.99,0.9267789,0.99,0.9206396,0.99,0.9241736
,0.99,0.9253675,
0.99,0.9912992,0.99,0.9828863,0.99,0.9470458,0.99,0.9460827,0.99,0.9397658,0.99,0.9366351,0.99,0.9511846,0.99,0.9470935,0.99,0.9494469
,0.99,0.9502428,
0.99,0.9956476,0.99,0.9914425,0.99,0.9735236,0.99,0.9730407,0.99,0.9698809,0.99,0.9683182,0.99,0.975593,0.99,0.9735475,0.99,0.9747227,
1,0.9751207,
0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9523785,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7159013,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9571407,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7443104,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.02,0.9729611,0.02,0.9595206,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.7585151,0.01,0.7242505,0.01,0.7447005,
0.01,0.7517259,
0.02,0.9745529,0.02,0.961903,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.01,0.7727197,0.01,0.7404688,0.01,0.7597196,0.
01,0.7663311,
0.02,0.9761422,0.02,0.9642829,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.01,0.7869243,0.02,0.7566897,0.01,0.774736,
0.01,0.7809336,
0.02,0.977734,0.02,0.9666653,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.01,0.8011315,0.98,0.7729107,0.01,0.7897525,
0.01,0.7955388,
0.02,0.9793232,0.02,0.9690452,0.96,0.7861947,0.97,0.780135,0.98,0.74036,0.02,0.7203956,0.02,0.8153362,0.98,0.7891316,0.02,0.8047715,0.
02,0.8101441,
0.02,0.9809151,0.02,0.9714276,0.96,0.8026412,0.97,0.7970484,0.98,0.7603324,0.98,0.7419015,0.03,0.8295407,0.98,0.8053526,0.98,0.819788,
0.02,0.8247466,
0.03,0.9825042,0.02,0.9738075,0.97,0.8190876,0.97,0.8139592,0.98,0.7803048,0.98,0.76341,0.98,0.8437454,0.98,0.8215736,0.98,0.8348071,0
.98,0.8393518,
0.05,0.9840961,0.02,0.9761899,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.85795,0.98,0.8377945,0.98,0.8498236,0.
98,0.8539571,
0.96,0.9856853,0.02,0.9785697,0.97,0.8519805,0.97,0.847786,0.98,0.8202497,0.98,0.8064271,0.98,0.8721546,0.98,0.8540128,0.98,0.86484,0.
98,0.8685597,
0.96,0.9872745,0.02,0.9809495,0.97,0.868427,0.98,0.8646967,0.98,0.8402221,0.98,0.8279356,0.98,0.8863592,0.98,0.8702337,0.98,0.8798591,
0.98,0.8831649,
0.96,0.9888663,0.02,0.983332,0.97,0.8848734,0.98,0.8816102,0.98,0.8601944,0.98,0.8494415,0.98,0.9005638,0.98,0.8864547,0.98,0.8948756,
0.98,0.8977674,
0.96,0.9904555,0.02,0.9857118,0.97,0.9013199,0.98,0.8985236,0.98,0.8801669,0.99,0.87095,0.98,0.9147684,0.99,0.9026756,0.99,0.9098946,0
.99,0.9123726,
0.96,0.9920474,0.02,0.9880943,0.98,0.9177664,0.98,0.9154343,0.98,0.9001366,0.99,0.8924586,0.98,0.9289756,0.99,0.9188966,0.99,0.9249111
,0.99,0.9269779,

0.96,0.9936366,0.02,0.9904741,0.98,0.9342128,0.98,0.9323477,0.98,0.920109,0.99,0.9139671,0.98,0.9431803,0.99,0.9351175,0.99,0.9399276,
0.99,0.9415804,
0.96,0.9952284,0.04,0.9928566,0.98,0.9506593,0.98,0.9492611,0.98,0.9400815,0.99,0.9354757,0.99,0.9573849,0.99,0.9513358,0.99,0.9549467
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,0.99,0.9707909,
0.98,0.9984095,0.97,0.9976189,0.98,0.9835522,0.98,0.9830853,0.99,0.9800262,0.99,0.9784901,0.99,0.9857941,0.99,0.9837777,0.99,0.9849823
,0.99,0.9853935,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
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Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.392869E-04,0,5.425555E-04,0,1.715218E-03,0,0.1631871,0,0.2125265,0,0.2308859,0,5.766476E-03,0,4.079115E-03,0,7.374244E-
03,0,8.249762E-03,
0.98,0.100126,0.02,0.1004868,0.03,0.1015428,0.03,0.246868,0.03,0.2912727,0.03,0.3077961,0.02,0.1051908,0.02,0.1036705,0.01,0.1066367,0
.01,0.1074247,
0.98,0.1501181,0.02,0.1504603,0.03,0.1514579,0.03,0.2887098,0.03,0.3306471,0.04,0.3462525,0.02,0.1549016,0.02,0.1534663,0.01,0.1562679
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0.99,0.2001101,0.99,0.2004338,0.03,0.201373,0.03,0.3305489,0.04,0.3700215,0.98,0.384709,0.02,0.2046124,0.02,0.203262,0.01,0.2058991,0.
01,0.2065995,
0.99,0.2501048,0.99,0.2504072,0.98,0.2512854,0.04,0.3723907,0.98,0.4093959,0.99,0.4231654,0.02,0.2543232,0.03,0.2530603,0.02,0.2555304
,0.02,0.2561857,
0.99,0.3000968,0.99,0.3003807,0.98,0.3012005,0.98,0.4142298,0.99,0.4487676,0.99,0.4616192,0.02,0.3040367,0.99,0.3028561,0.02,0.3051616
,0.02,0.3057744,
0.99,0.3500889,0.99,0.3503515,0.98,0.3511156,0.99,0.4560716,0.99,0.488142,0.99,0.5000756,0.99,0.3537475,0.99,0.3526517,0.99,0.3547928,
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0.99,0.4000836,0.99,0.400325,0.99,0.4010281,0.99,0.4979107,0.99,0.5275164,0.99,0.5385321,0.99,0.4034583,0.99,0.4024475,0.99,0.404424,0
.99,0.4049493,
0.99,0.4500756,0.99,0.4502985,0.99,0.4509432,0.99,0.5397525,0.99,0.5668882,0.99,0.5769858,0.99,0.4531718,0.99,0.4522432,0.99,0.4540552
,0.99,0.4545355,
0.99,0.5000677,0.99,0.5002693,0.99,0.5008582,0.99,0.5815916,0.99,0.6062626,0.99,0.6154423,0.99,0.5028826,0.99,0.5020389,0.99,0.5036865
,1,0.5041242,
0.99,0.5500624,0.99,0.5502428,0.99,0.5507707,0.99,0.6234334,0.99,0.645637,0.99,0.6538987,0.99,0.5525934,0.99,0.5518346,0.99,0.5533177,
1,0.553713,
0.99,0.6000544,0.99,0.6002162,0.99,0.6006858,0.99,0.6652751,0.99,0.6850088,0.99,0.6923525,0.99,0.6023068,0.99,0.6016303,1,0.6029489,1,
0.6032991,
0.99,0.6500491,0.99,0.6501897,0.99,0.6505983,0.99,0.7071142,0.99,0.7243832,0.99,0.7308089,0.99,0.6520177,0.99,0.651426,1,0.6525801,1,0
.6528852,
0.99,0.7000411,0.99,0.7001632,0.99,0.7005134,0.99,0.748956,0.99,0.7637576,0.99,0.7692654,1,0.7017285,1,0.7012218,1,0.7022113,1,0.70247
4,
0.99,0.7500331,0.99,0.750134,0.99,0.7504285,0.99,0.7907951,0.99,0.8031293,0.99,0.8077192,1,0.751442,1,0.7510175,1,0.7518426,1,0.752062
8,
1,0.8000278,1,0.8001075,0.99,0.800341,0.99,0.8326369,0.99,0.8425037,0.99,0.8461756,1,0.8011528,1,0.8008158,1,0.8014738,1,0.8016489,

1,0.8500199,1,0.8500809,0.99,0.850256,0.99,0.874476,0.99,0.8818781,0.99,0.884632,1,0.8508636,1,0.8506115,1,0.851105,1,0.851235,
1,0.900012,1,0.9000517,0.99,0.9001711,0.99,0.9163178,0.99,0.9212525,0.99,0.9230884,1,0.9005744,1,0.9004073,1,0.9007362,1,0.9008238,
1,0.9500066,1,0.9500252,0.99,0.9500836,0.99,0.9581569,0.99,0.9606243,0.99,0.9615422,1,0.9502879,1,0.9502029,1,0.9503675,1,0.9504126,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9322283,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7153707,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9390043,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7438329,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.04,0.9729611,0.02,0.9423949,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.758064,0.01,0.7242505,0.01,0.7447005,0
.01,0.7517259,
0.96,0.9745529,0.04,0.9457829,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.02,0.7722952,0.01,0.7404688,0.01,0.7597196,0
.01,0.7663311,
0.96,0.9761422,0.97,0.9491709,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.03,0.7865263,0.02,0.7566897,0.02,0.774736,
0.02,0.7809336,
0.96,0.977734,0.97,0.9525589,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.98,0.8007601,0.98,0.7729107,0.98,0.7897525,
0.98,0.7955388,
0.96,0.9793232,0.97,0.9559469,0.96,0.7861947,0.97,0.780135,0.98,0.74036,0.02,0.7203956,0.98,0.8149912,0.98,0.7891316,0.98,0.8047715,0.
98,0.8101441,
0.96,0.9809151,0.97,0.9593375,0.96,0.8026412,0.97,0.7970484,0.98,0.7603324,0.98,0.7419015,0.98,0.8292224,0.98,0.8053526,0.98,0.819788,
0.98,0.8247466,
0.96,0.9825042,0.97,0.9627255,0.97,0.8190876,0.97,0.8139592,0.98,0.7803048,0.98,0.76341,0.98,0.8434535,0.98,0.8215736,0.98,0.8348071,0
.98,0.8393518,
0.96,0.9840961,0.97,0.9661135,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.8576847,0.98,0.8377945,0.98,0.8498236,
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.99,0.9123726,
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0.98,0.9984095,0.98,0.9966107,0.98,0.9835522,0.98,0.9830853,0.99,0.9800262,0.99,0.9784901,0.99,0.9857675,0.99,0.9837777,0.99,0.9849823
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0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
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Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

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1,0.2000252,0.29,0.2004046,0.24,0.4909092,0.13,0.6457113,0.03,0.6460137,0,0.1999987
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Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.193887E-05,0,7.03067E-05,0,1.260214E-04,0,8.091903E-05,0,6.500053E-05,0,4.908203E-05,0,2.109201E-04,0,1.472461E-04,0,3.293802E-
03,0,6.498727E-03,
1,0.1000093,1,0.1000623,0.07,0.1001128,0.06,0.100073,1,0.100057,1,0.1000438,0.03,0.1001897,0.03,0.1001313,0.03,0.1029648,0.02,0.105848
7,
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1,0.2500093,1,0.2500517,1,0.2500942,1,0.2500597,1,0.2500491,1,0.2500358,1,0.2501579,1,0.2501101,1,0.2524714,1,0.254875,
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Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.8973085,0,0.8449498,0,0.5395243,0,0.5225207,0,0.4579951,0,0.4238844,0,0.5590775,0,0.5170898,0,0.5340695,0,0.5339741,

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Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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0.02,0.9520363,0.02,0.9434323,0.02,0.7802677,0.02,0.7677213,0.01,0.7193317,0.01,0.6902512,0.01,0.7906253,0.01,0.7622824,0.01,0.7738976
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0.01,0.800195,
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0.96,0.9887124,0.02,0.9866881,0.98,0.948298,0.98,0.9453452,0.98,0.9339581,0.99,0.9271159,0.98,0.9507336,0.99,0.9440664,0.99,0.946799,0
.99,0.9467168,
0.96,0.9915354,0.02,0.9900178,0.98,0.9612238,0.98,0.9590085,0.98,0.9504682,0.99,0.9453372,0.98,0.9630492,0.99,0.9580481,0.99,0.960099,
0.99,0.9600379,
0.96,0.9943556,0.04,0.9933447,0.98,0.974147,0.98,0.9726719,0.98,0.9669784,0.99,0.9635586,0.99,0.9753674,0.99,0.9720325,0.99,0.9733989,
0.99,0.973359,
0.98,0.9971784,0.04,0.9966717,0.98,0.9870728,0.98,0.9863353,0.99,0.9834886,0.99,0.9817773,0.99,0.9876831,0.99,0.9860142,0.99,0.9866987
,0.99,0.9866775,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.394195E-03,0,3.580335E-03,0,5.832803E-03,0,0.1995662,0,0.2630094,0,0.280265,0,1.597023E-02,0,1.213387E-02,0,2.173007E-
02,0,0.0252401,
0.98,0.1012536,0.02,0.1032222,0.03,0.1052491,0.03,0.2796097,0.03,0.3367094,0.02,0.3522379,0.01,0.1143731,0.02,0.1109214,0.01,0.1195572
,0.01,0.122717,

0.98,0.1511846,0.03,0.1530444,0.03,0.1549573,0.03,0.3196315,0.03,0.373558,0.03,0.3882243,0.02,0.1635745,0.02,0.1603139,0.01,0.1684694,
0.01,0.1714542,
0.99,0.2011156,0.99,0.202864,0.05,0.2046655,0.03,0.3596532,0.04,0.4104067,0.04,0.4242107,0.02,0.2127759,0.02,0.2097063,0.01,0.2173843,
0.01,0.2201913,
0.99,0.251044,0.99,0.2526836,0.98,0.2543736,0.04,0.399675,0.98,0.4472554,0.98,0.4601971,0.02,0.2619773,0.99,0.2590987,0.02,0.2662966,0
.02,0.2689311,
0.99,0.300975,0.99,0.3025059,0.98,0.3040818,0.98,0.4396968,0.99,0.4841067,0.99,0.4961862,0.99,0.3111788,0.99,0.3084939,0.99,0.3152114,
0.99,0.3176682,
0.99,0.350906,0.99,0.3523281,0.99,0.3537899,0.99,0.4797185,0.99,0.5209554,0.99,0.5321726,0.99,0.3603802,0.99,0.3578863,0.99,0.3641237,
0.99,0.3664053,
0.99,0.400837,0.99,0.4021477,0.99,0.4034981,0.99,0.5197403,0.99,0.557804,0.99,0.568159,0.99,0.4095816,0.99,0.4072787,0.99,0.4130386,0.
99,0.4151425,
0.99,0.4507654,0.99,0.4519673,0.99,0.4532062,0.99,0.559762,0.99,0.5946553,0.99,0.6041455,0.99,0.458783,0.99,0.4566738,0.99,0.4619508,0
.99,0.4638823,
0.99,0.5006964,0.99,0.5017895,0.99,0.5029171,0.99,0.5997811,0.99,0.6315041,0.99,0.6401318,0.99,0.5079845,0.99,0.5060663,0.99,0.5108657
,1,0.5126194,
0.99,0.5506275,0.99,0.5516117,0.99,0.5526252,0.99,0.6398029,0.99,0.6683527,0.99,0.6761183,0.99,0.5571859,0.99,0.5554587,0.99,0.5597779
,1,0.5613565,
0.99,0.6005558,0.99,0.6014313,0.99,0.6023334,0.99,0.6798247,0.99,0.705204,0.99,0.7121047,0.99,0.6063873,0.99,0.6048538,1,0.6086902,1,0
.6100963,
0.99,0.6504868,0.99,0.6512509,0.99,0.6520416,0.99,0.7198464,0.99,0.7420527,0.99,0.7480911,1,0.6555887,0.99,0.6542463,1,0.6576051,1,0.6
588334,
0.99,0.7004179,0.99,0.7010732,0.99,0.7017497,0.99,0.7598681,0.99,0.7789013,0.99,0.7840775,1,0.7047901,1,0.7036387,1,0.7065173,1,0.7075
706,
1,0.7503489,0.99,0.7508954,0.99,0.7514579,0.99,0.7998899,0.99,0.8157527,0.99,0.8200666,1,0.7539915,1,0.7530338,1,0.7554322,1,0.7563077
,
1,0.8002772,1,0.800715,0.99,0.8011661,0.99,0.8399116,0.99,0.8526013,0.99,0.856053,1,0.803193,1,0.8024262,1,0.8043444,1,0.8050475,
1,0.8502083,1,0.8505346,0.99,0.8508742,0.99,0.8799334,0.99,0.88945,0.99,0.8920394,1,0.8523944,1,0.8518187,1,0.8532593,1,0.8537846,
1,0.9001393,1,0.9003568,0.99,0.9005824,0.99,0.9199551,0.99,0.9262987,0.99,0.9280258,1,0.9015958,1,0.9012111,1,0.9021716,1,0.9025217,
1,0.9500676,1,0.9501791,0.99,0.9502905,0.99,0.9599769,0.99,0.96315,0.99,0.9640123,1,0.9507973,1,0.9506062,1,0.9510865,1,0.9512615,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9435729,0,0.917448,0,0.7414929,0,0.7267311,0,0.6698013,0,0.6355898,0,0.7528057,0,0.7203319,0,0.7339979,0,0.7335947,
0.02,0.949216,0.02,0.9257017,0.02,0.7673445,0.02,0.7540579,0.01,0.7028216,0.01,0.6720299,0.01,0.7775244,0.01,0.748298,0.01,0.7605978,0
.01,0.7602343,
0.02,0.9520363,0.02,0.92983,0.02,0.7802677,0.02,0.7677213,0.01,0.7193317,0.01,0.6902512,0.01,0.7898851,0.01,0.7622824,0.01,0.7738976,0
.01,0.7735554,
0.02,0.9548591,0.02,0.9339581,0.02,0.7931935,0.02,0.7813846,0.01,0.7358418,0.01,0.7084726,0.01,0.8022432,0.01,0.7762642,0.01,0.7871975
,0.01,0.7868765,
0.02,0.9576793,0.02,0.9380863,0.02,0.8061193,0.02,0.795048,0.02,0.7523493,0.01,0.7266914,0.01,0.8146039,0.01,0.7902486,0.01,0.8004975,
0.01,0.800195,

0.02,0.9604996,0.02,0.9422145,0.04,0.8190451,0.02,0.8087114,0.02,0.7688594,0.01,0.7449127,0.02,0.8269646,0.01,0.804233,0.01,0.8137974,
0.01,0.8135161,
0.04,0.9633225,0.04,0.9463401,0.04,0.831971,0.04,0.8223748,0.03,0.7853696,0.02,0.7631341,0.03,0.8393227,0.02,0.8182147,0.02,0.8270972,
0.02,0.8268372,
0.05,0.9661427,0.04,0.9504682,0.96,0.8448942,0.97,0.8360382,0.98,0.8018797,0.98,0.7813528,0.98,0.8516834,0.98,0.8321992,0.98,0.8403972
,0.98,0.8401557,
0.96,0.9689656,0.97,0.9545965,0.96,0.85782,0.97,0.8497015,0.98,0.8183898,0.98,0.7995742,0.98,0.8640414,0.98,0.8461809,0.98,0.8536971,0
.98,0.8534769,
0.96,0.9717858,0.97,0.958722,0.97,0.8707458,0.97,0.8633649,0.98,0.8349,0.98,0.8177956,0.98,0.8764021,0.98,0.8601653,0.98,0.8669996,0.9
8,0.866798,
0.96,0.974606,0.97,0.9628502,0.97,0.8836716,0.97,0.8770283,0.98,0.8514101,0.98,0.8360143,0.98,0.8887629,0.98,0.8741497,0.98,0.8802995,
0.98,0.8801165,
0.96,0.9774289,0.97,0.9669784,0.97,0.8965974,0.97,0.8906916,0.98,0.8679202,0.98,0.8542356,0.98,0.9011209,0.98,0.8881314,0.98,0.8935995
,0.98,0.8934376,
0.96,0.9802491,0.97,0.9711066,0.97,0.9095206,0.98,0.904355,0.98,0.8844304,0.98,0.8724543,0.98,0.9134817,0.98,0.9021158,0.98,0.9068993,
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0.97,0.983072,0.97,0.9752348,0.97,0.9224464,0.98,0.9180184,0.98,0.9009405,0.98,0.8906757,0.98,0.9258397,0.98,0.9160976,0.99,0.9201993,
0.99,0.9200772,
0.97,0.9858922,0.98,0.9793603,0.97,0.9353722,0.98,0.9316818,0.98,0.9174507,0.99,0.9088971,0.98,0.9382004,0.99,0.930082,0.99,0.9334992,
0.99,0.9333983,
0.97,0.9887124,0.98,0.9834886,0.98,0.948298,0.98,0.9453452,0.98,0.9339581,0.99,0.9271159,0.98,0.9505611,0.99,0.9440664,0.99,0.946799,0
.99,0.9467168,
0.97,0.9915354,0.98,0.9876167,0.98,0.9612238,0.98,0.9590085,0.98,0.9504682,0.99,0.9453372,0.98,0.9629192,0.99,0.9580481,0.99,0.960099,
0.99,0.9600379,
0.98,0.9943556,0.98,0.9917423,0.98,0.974147,0.98,0.9726719,0.98,0.9669784,0.99,0.9635586,0.99,0.9752799,0.99,0.9720325,0.99,0.9733989,
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,0.99,0.9866775,
0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
0,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
0,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,
0,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,
0,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,
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0,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,
0,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,
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0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,
0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,
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0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,
0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,7.295978E-05,0,2.036241E-03,0,0.4100804,0,0.6061087,0,0.607483,0,0
0.3,0.100065,0.04,0.101832,0.06,0.4690717,0.03,0.6454991,0.01,0.6467354,0,9.999868E-02
0.62,0.1500624,0.12,0.1517311,0.13,0.4985687,0.04,0.6651929,0.02,0.6663603,0,0.1499987
1,0.200057,0.29,0.2016277,0.23,0.528063,0.05,0.6848867,0.02,0.6859851,0,0.1999987
1,0.2500544,0.56,0.2515269,0.24,0.55756,0.12,0.7045805,0.05,0.7056126,0,0.2499987
1,0.3000517,0.66,0.301426,0.31,0.5870569,0.13,0.7242744,0.13,0.7252374,0,0.2999987
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1,0.4000438,0.67,0.4012218,0.67,0.6460482,0.23,0.7636647,0.23,0.7644898,0,0.3999987
1,0.4500385,0.68,0.4511183,0.83,0.6755425,0.23,0.7833585,0.23,0.7841147,0,0.4499987
1,0.5000358,0.75,0.5010175,0.9,0.7050395,0.29,0.803055,0.23,0.8037395,0,0.4999987
1,0.5500332,0.78,0.5509166,0.95,0.7345365,0.4,0.8227488,0.29,0.823367,0,0.5499987
1,0.6000279,0.99,0.6008132,0.95,0.7640308,0.51,0.8424427,0.39,0.8429919,0,0.5999987
1,0.6500252,0.99,0.6507124,0.95,0.7935278,0.64,0.8621365,0.51,0.8626194,0,0.6499987
1,0.7000199,0.99,0.7006089,0.95,0.8230221,0.72,0.8818303,0.66,0.8822442,0,0.6999987
1,0.7500172,0.99,0.7505081,0.95,0.8525191,0.82,0.9015269,0.82,0.9018691,0,0.7499987
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1,0.8500093,0.99,0.8503038,0.95,0.9115104,0.94,0.9409145,0.94,0.9411215,0,0.8499987
1,0.9000067,0.99,0.900203,0.95,0.9410074,0.94,0.960611,0.94,0.9607463,0,0.8999987
1,0.9500013,0.99,0.9500995,0.98,0.9705017,0.94,0.9803048,0.94,0.9803738,0,0.9499987
1,0.9999987,0.99,0.9999987,0.99,0.9999987,0.96,0.9999987,0.96,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.98567, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,3.180773, %
Acceptable Depth in Reach,1,8.699701, %

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Optimum Depth & Velocity in Reach,1,1.566641, %
Acceptable Depth & Velocity in Reach,1,3.180773, %
Optimum Velocity in Reach,2,99.94535, %
Acceptable Velocity in Reach,2,99.99682, %
Optimum Depth in Reach,2,6.777017, %
Acceptable Depth in Reach,2,17.11128, %
Optimum Depth & Velocity in Reach,2,1.308232, %
Acceptable Depth & Velocity in Reach,2,4.762006, %
Optimum Velocity in Reach,3,99.82808, %
Acceptable Velocity in Reach,3,99.99522, %
Optimum Depth in Reach,3,32.89283, %
Acceptable Depth in Reach,3,52.95168, %
Optimum Depth & Velocity in Reach,3,32.02581, %
Acceptable Depth & Velocity in Reach,3,32.89283, %
Optimum Velocity in Reach,4,83.68093, %
Acceptable Velocity in Reach,4,99.99628, %
Optimum Depth in Reach,4,33.82513, %
Acceptable Depth in Reach,4,53.91581, %
Optimum Depth & Velocity in Reach,4,33.26161, %
Acceptable Depth & Velocity in Reach,4,33.82513, %
Optimum Velocity in Reach,5,78.747, %
Acceptable Velocity in Reach,5,99.99682, %
Optimum Depth in Reach,5,39.94418, %
Acceptable Depth in Reach,5,60.23331, %
Optimum Depth & Velocity in Reach,5,39.94418, %
Acceptable Depth & Velocity in Reach,5,39.94418, %
Optimum Velocity in Reach,6,76.91107, %
Acceptable Velocity in Reach,6,99.99814, %
Optimum Depth in Reach,6,43.01591, %
Acceptable Depth in Reach,6,63.36288, %
Optimum Depth & Velocity in Reach,6,43.01591, %
Acceptable Depth & Velocity in Reach,6,43.01591, %
Optimum Velocity in Reach,7,99.6551, %
Acceptable Velocity in Reach,7,99.99364, %
Optimum Depth in Reach,7,28.46273, %
Acceptable Depth in Reach,7,48.81288, %
Optimum Depth & Velocity in Reach,7,7.486979, %
Acceptable Depth & Velocity in Reach,7,28.40967, %
Optimum Velocity in Reach,8,99.72169, %
Acceptable Velocity in Reach,8,99.99416, %
Optimum Depth in Reach,8,32.44101, %
Acceptable Depth in Reach,8,52.90499, %
Optimum Depth & Velocity in Reach,8,25.42788, %
Acceptable Depth & Velocity in Reach,8,32.44101, %
Optimum Velocity in Reach,9,99.6429, %
Acceptable Velocity in Reach,9,99.9931, %
Optimum Depth in Reach,9,30.03494, %
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Acceptable Depth in Reach,9,50.55038, %
Optimum Depth & Velocity in Reach,9,10.50804, %
Acceptable Depth & Velocity in Reach,9,30.03494, %
Optimum Velocity in Reach,10,99.63653, %
Acceptable Velocity in Reach,10,99.9931, %
Optimum Depth in Reach,10,29.20851, %
Acceptable Depth in Reach,10,49.75472, %
Optimum Depth & Velocity in Reach,10,9.093152, %
Acceptable Depth & Velocity in Reach,10,29.20851, %
Optimum Velocity in Stream,93.77544, %
Acceptable Velocity in Stream,99.99567, %
Optimum Depth in Stream,27.9783, %
Acceptable Depth in Stream,45.82976, %
Optimum Depth & Velocity in Stream,20.36384, %
Acceptable Depth & Velocity in Stream,27.7715, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.86018, %
Acceptable Velocity in Reach,1,99.99841, %
Optimum Depth in Reach,1,5.642561, %
Acceptable Depth in Reach,1,10.269, %
Optimum Depth & Velocity in Reach,1,3.172283, %
Acceptable Depth & Velocity in Reach,1,5.642561, %
Optimum Velocity in Reach,2,99.64157, %
Acceptable Velocity in Reach,2,99.99258, %
Optimum Depth in Reach,2,8.255045, %
Acceptable Depth in Reach,2,15.50484, %
Optimum Depth & Velocity in Reach,2,1.709377, %
Acceptable Depth & Velocity in Reach,2,6.65471, %
Optimum Velocity in Reach,3,99.41632, %
Acceptable Velocity in Reach,3,99.987, %
Optimum Depth in Reach,3,25.85051, %
Acceptable Depth in Reach,3,46.04731, %
Optimum Depth & Velocity in Reach,3,24.7792, %
Acceptable Depth & Velocity in Reach,3,25.85051, %
Optimum Velocity in Reach,4,80.04304, %
Acceptable Velocity in Reach,4,99.99152, %
Optimum Depth in Reach,4,27.32668, %
Acceptable Depth in Reach,4,47.74767, %
Optimum Depth & Velocity in Reach,4,26.61327, %
Acceptable Depth & Velocity in Reach,4,27.32668, %
Optimum Velocity in Reach,5,73.69874, %
Acceptable Velocity in Reach,5,99.9931, %
Optimum Depth in Reach,5,33.01965, %
Acceptable Depth in Reach,5,54.20021, %

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Optimum Depth & Velocity in Reach,5,33.01965, %
Acceptable Depth & Velocity in Reach,5,33.01965, %
Optimum Velocity in Reach,6,71.97318, %
Acceptable Velocity in Reach,6,99.9947, %
Optimum Depth in Reach,6,36.44079, %
Acceptable Depth in Reach,6,57.61127, %
Optimum Depth & Velocity in Reach,6,36.44079, %
Acceptable Depth & Velocity in Reach,6,36.44079, %
Optimum Velocity in Reach,7,99.07328, %
Acceptable Velocity in Reach,7,99.97852, %
Optimum Depth in Reach,7,24.71924, %
Acceptable Depth in Reach,7,44.092, %
Optimum Depth & Velocity in Reach,7,6.268953, %
Acceptable Depth & Velocity in Reach,7,24.63222, %
Optimum Velocity in Reach,8,99.20541, %
Acceptable Velocity in Reach,8,99.98488, %
Optimum Depth in Reach,8,27.9666, %
Acceptable Depth in Reach,8,48.29076, %
Optimum Depth & Velocity in Reach,8,21.0694, %
Acceptable Depth & Velocity in Reach,8,27.9666, %
Optimum Velocity in Reach,9,99.06612, %
Acceptable Velocity in Reach,9,99.98064, %
Optimum Depth in Reach,9,26.6, %
Acceptable Depth in Reach,9,46.59279, %
Optimum Depth & Velocity in Reach,9,8.940866, %
Acceptable Depth & Velocity in Reach,9,26.6, %
Optimum Velocity in Reach,10,99.04171, %
Acceptable Velocity in Reach,10,99.98143, %
Optimum Depth in Reach,10,26.64033, %
Acceptable Depth in Reach,10,46.60234, %
Optimum Depth & Velocity in Reach,10,7.973554, %
Acceptable Depth & Velocity in Reach,10,26.64033, %
Optimum Velocity in Stream,92.10195, %
Acceptable Velocity in Stream,99.98827, %
Optimum Depth in Stream,24.24614, %
Acceptable Depth in Stream,41.69582, %
Optimum Depth & Velocity in Stream,16.99874, %
Acceptable Depth & Velocity in Stream,24.07741, %
```

Stream Health Run 15

Run Date,6/11/2002
Run Time,8:19:44 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityClusterNoRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Small Mouth Bass.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8142,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,3.029482,Index,3
90-10 Range ,105.2433,Index,5
Number of Storms 3x Median,12216,Index,5
Number of High Flow Events,1992,Index,3
High Flow Duration (hrs) ,95658,Index,3
Number of Low Flow Events ,123,Index,3
Low Flow Duration (hrs) ,16215,Index,3
Overall Index,3.555556
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,3.051045E-05,0,6.500053E-05,0,1.286745E-04,0,1.101029E-04,0,7.03067E-05,0,7.561286E-05,0,8.432824E-03,0,6.201581E-03,0,9.81508E-03,0,1.078346E-02,
1,0.1000279,0.02,0.100057,0.03,0.1001154,0.03,0.1000995,0.03,0.1000623,0.03,0.1000677,0.01,0.1075891,0.02,0.1055808,0.01,0.1088334,0.01,0.1097037,
1,0.1500252,0.03,0.1500544,0.04,0.1501101,0.03,0.1500942,0.04,0.1500597,0.04,0.150065,0.02,0.1571673,0.02,0.1552704,0.01,0.1583426,0.01,0.1591651,

1,0.2000252,0.03,0.2000517,0.04,0.2001022,0.04,0.2000889,0.04,0.200057,1,0.2000597,0.02,0.2067455,0.02,0.2049599,0.02,0.2078518,0.01,0
.2086265,
1,0.2500226,1,0.2500491,0.04,0.2500968,0.04,0.2500836,1,0.2500517,1,0.250057,0.02,0.2563236,0.02,0.2546522,0.02,0.257361,0.02,0.258087
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1,0.3000199,1,0.3000464,1,0.3000889,1,0.3000756,1,0.3000491,1,0.3000517,0.02,0.3059018,0.03,0.3043418,0.02,0.3068702,0.02,0.3075494,
1,0.3500199,1,0.3500411,1,0.3500836,1,0.3500703,1,0.3500464,1,0.3500491,0.02,0.35548,1,0.3540314,1,0.3563793,1,0.3570081,
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1,0.7500066,1,0.7500146,1,0.7500305,1,0.7500252,1,0.7500172,1,0.7500172,1,0.7521079,1,0.7515481,1,0.7524528,1,0.7526942,
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1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9763093,0,0.9479266,0,0.7212817,0,0.7122851,0,0.6478152,0,0.6141528,0,0.763142,0,0.7255983,0,0.7481681,0,0.7556843,
0.96,0.9786785,0.96,0.9531346,0.96,0.7491524,0.97,0.7410578,0.97,0.6830348,0.98,0.6527367,0.97,0.7868288,0.98,0.7530391,0.98,0.7733511
,0.98,0.7801165,
0.96,0.9798618,0.96,0.9557373,0.96,0.763089,0.97,0.7554428,0.97,0.7006434,0.98,0.6720299,0.98,0.7986695,0.98,0.7667582,0.98,0.7859426,
0.98,0.7923313,
0.96,0.9810477,0.96,0.95834,0.96,0.7770256,0.97,0.7698278,0.98,0.7182519,0.98,0.6913231,0.98,0.8105128,0.98,0.7804773,0.98,0.7985342,0
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,0.98,0.8289783,
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Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,7.574552E-04,0,7.910167E-03,0,8.82548E-03,0,1.528839E-02,0,1.081529E-02,0,1.045447E-02,0,5.047092E-02,0,3.810756E-02,0,8.229996E-02,0,0.1486748,
0.02,0.1006805,0.01,0.1071195,0.01,0.107942,0.01,0.1137602,0.01,0.1097328,0.01,0.1094092,0.01,0.1454248,0.01,0.1342977,0.01,0.1740701,0.01,0.2338069,
0.02,0.1506434,0.01,0.1567242,0.02,0.1575016,0.01,0.1629961,0.01,0.1591916,0.01,0.1588865,0.01,0.192899,0.01,0.1823902,0.01,0.2199552,0.01,0.276373,
0.02,0.2006062,0.01,0.2063289,0.02,0.2070612,0.02,0.2122294,0.02,0.208653,0.02,0.2083638,0.01,0.2403759,0.01,0.2304852,0.01,0.2658402,0.01,0.318939,
0.03,0.2505664,0.01,0.255931,0.02,0.2566181,0.02,0.2614653,0.02,0.2581118,0.02,0.2578412,0.01,0.2878529,0.01,0.2785803,0.01,0.3117253,0.01,0.3615051,
1,0.3005293,0.02,0.3055356,0.02,0.3061777,0.02,0.3107012,0.02,0.3075706,0.02,0.3073185,0.01,0.3353298,0.01,0.3266754,0.01,0.3576104,0.01,0.4040712,
1,0.3504921,0.02,0.3551404,0.02,0.3557373,0.02,0.3599371,0.02,0.3570293,0.02,0.3567959,0.01,0.3828067,0.01,0.3747705,0.01,0.4034954,0.01,0.4466372,
1,0.400455,0.02,0.404745,0.02,0.4052942,0.02,0.409173,0.02,0.4064881,0.02,0.4062732,0.01,0.430281,0.01,0.4228629,0.01,0.4493805,0.01,0.4892033,
1,0.4504152,0.02,0.4543497,0.02,0.4548538,0.02,0.458409,0.02,0.4559469,0.02,0.4557506,0.01,0.4777579,0.01,0.470958,0.01,0.4952656,0.01,0.5317693,
1,0.5003781,1,0.5039544,0.02,0.5044134,0.02,0.5076448,1,0.5054057,1,0.5052252,0.01,0.5252348,0.01,0.5190531,0.01,0.541148,0.01,0.5743381,
1,0.550341,1,0.5535591,0.03,0.5539703,0.02,0.5568781,1,0.5548671,1,0.5547026,0.01,0.5727117,0.01,0.5671482,0.01,0.587033,0.01,0.6169041,
1,0.6003011,1,0.6031638,0.03,0.6035299,1,0.606114,1,0.6043258,1,0.6041799,0.01,0.6201887,0.02,0.6152433,0.01,0.6329181,0.01,0.6594702,
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1,0.7002268,1,0.7023732,1,0.7026464,1,0.7045859,1,0.7032434,1,0.7031346,1,0.7151398,1,0.7114308,1,0.7246883,1,0.7446023,
1,0.7501897,1,0.7519779,1,0.752206,1,0.7538218,1,0.7527022,1,0.7526119,1,0.7626168,1,0.7595259,1,0.7705733,1,0.7871684,
1,0.8001499,1,0.8015799,1,0.801763,1,0.8030577,1,0.8021609,1,0.8020893,1,0.8100936,1,0.807621,1,0.8164584,1,0.8297344,
1,0.8501127,1,0.8511846,1,0.8513226,1,0.8522909,1,0.8516223,1,0.8515667,1,0.8575706,1,0.855716,1,0.8623435,1,0.8723005,
1,0.9000756,1,0.9007893,1,0.9008821,1,0.9015269,1,0.9010811,1,0.901044,1,0.9050449,1,0.9038085,1,0.9082285,1,0.9148666,
1,0.9500358,1,0.950394,1,0.9504391,1,0.9507627,1,0.9505399,1,0.9505213,1,0.9525217,1,0.9519036,1,0.9541136,1,0.9574326,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9996352,0,0.9993062,0,0.9951568,0,0.9947084,0,0.9921933,0,0.9905537,0,0.9959686,0,0.9948543,0,0.9955044,0,0.9956291,
0.19,0.9996724,0.88,0.9993752,0.88,0.9956423,0.89,0.9952364,0.91,0.9929733,0.93,0.9914982,0.92,0.9963719,0.92,0.995369,0.93,0.9959527,0.94,0.9960668,
0.86,0.9996909,0.88,0.9994097,0.88,0.9958838,0.89,0.9955017,0.92,0.9933633,0.93,0.9919704,0.92,0.9965736,0.93,0.9956264,0.93,0.9961782,0.94,0.9962844,
0.86,0.9997068,0.88,0.9994442,0.88,0.9961252,0.89,0.995767,0.92,0.9937533,0.93,0.9924427,0.92,0.9967752,0.93,0.9958838,0.93,0.9964038,0.94,0.9965019,

0.87,0.9997254,0.89,0.9994787,0.88,0.9963666,0.9,0.9960297,0.92,0.994146,0.93,0.9929149,0.92,0.9969768,0.93,0.9961411,0.93,0.9966292,0
.94,0.9967221,
0.87,0.999744,0.89,0.9995131,0.88,0.996608,0.9,0.996295,0.92,0.994536,0.93,0.9933872,0.92,0.9971784,0.93,0.9963984,0.93,0.9968521,0.94
,0.9969397,
0.87,0.9997625,0.89,0.9995477,0.89,0.9968521,0.9,0.9965603,0.92,0.994926,0.93,0.9938594,0.92,0.9973801,0.93,0.9966558,0.94,0.9970776,0
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0.88,0.9997811,0.91,0.9995821,0.89,0.9970936,0.9,0.9968256,0.92,0.995316,0.93,0.9943317,0.92,0.9975817,0.93,0.9969131,0.94,0.9973031,0
.94,0.9973775,
0.9,0.9997997,0.92,0.9996166,0.89,0.997335,0.92,0.9970883,0.94,0.995706,0.94,0.994804,0.92,0.9977834,0.94,0.9971705,0.94,0.997526,0.94
,0.997595,
0.9,0.9998183,0.92,0.9996538,0.91,0.997579,0.92,0.9973536,0.94,0.996096,0.95,0.9952762,0.94,0.9979823,0.95,0.9974252,0.95,0.9977515,0.
95,0.9978125,
0.91,0.9998342,0.92,0.9996883,0.92,0.9978205,0.93,0.9976189,0.94,0.996486,0.95,0.9957485,0.94,0.998184,0.95,0.9976825,0.95,0.997977,0.
96,0.9980327,
0.91,0.9998528,0.93,0.9997228,0.92,0.9980619,0.93,0.9978815,0.94,0.996876,0.95,0.9962207,0.94,0.9983856,0.95,0.9979399,0.95,0.9981999,
0.96,0.9982503,
0.91,0.9998713,0.93,0.9997572,0.92,0.9983034,0.93,0.9981468,0.95,0.997266,0.95,0.996693,0.95,0.9985873,0.95,0.9981973,0.95,0.9984254,0
.96,0.9984705,
0.91,0.9998899,0.93,0.9997917,0.92,0.9985448,0.93,0.9984121,0.95,0.997656,0.95,0.9971652,0.95,0.9987889,0.95,0.9984546,0.96,0.9986509,
0.96,0.998688,
0.92,0.9999084,0.93,0.9998263,0.93,0.9987889,0.93,0.9986774,0.95,0.998046,0.95,0.9976375,0.95,0.9989905,0.95,0.9987119,0.96,0.9988738,
0.96,0.9989056,
0.92,0.999927,0.93,0.9998607,0.93,0.9990303,0.94,0.9989401,0.95,0.9984387,0.96,0.9981097,0.95,0.9991921,0.96,0.9989693,0.96,0.9990993,
0.96,0.9991258,
0.92,0.999943,0.95,0.9998952,0.93,0.9992718,0.94,0.9992054,0.95,0.9988286,0.96,0.9985819,0.95,0.9993938,0.96,0.9992266,0.96,0.9993248,
0.96,0.9993433,
0.94,0.9999616,0.95,0.9999297,0.95,0.9995158,0.95,0.9994707,0.96,0.9992186,0.97,0.9990542,0.96,0.9995954,0.97,0.999484,0.97,0.9995503,
0.97,0.9995609,
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0.98,0.9997811,
0.95,0.9999987,0.96,0.9999987,0.96,0.9999987,0.96,0.9999987,0.97,0.9999987,0.97,0.9999987,0.97,0.9999987,0.97,0.9999987,0.98,0.9999987
,0.98,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,
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0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
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0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,1.392869E-04,0,1.143346E-02,0,0.6131421,0,0.990307,0,0,0,0
0.04,0.100126,0.01,0.11029,0.23,0.6518266,0.12,0.9912753,0,9.999868E-02,0,9.999868E-02
0.04,0.1501181,0.01,0.1597196,0.23,0.6711703,0.12,0.9917608,0,0.1499987,0,0.1499987
0.17,0.2001101,0.01,0.2091465,0.23,0.6905139,0.22,0.9922464,0,0.1999987,0,0.1999987
0.29,0.2501048,0.01,0.2585734,0.27,0.7098575,0.22,0.9927292,0,0.2499987,0,0.2499987
0.42,0.3000968,0.03,0.308003,0.51,0.7291985,0.22,0.9932147,0,0.2999987,0,0.2999987
0.57,0.3500889,0.03,0.3574326,0.66,0.7485421,0.22,0.9937003,0,0.3499987,0,0.3499987
1,0.4000836,0.03,0.4068595,0.94,0.7678857,0.29,0.9941831,0,0.3999987,0,0.3999987
1,0.4500756,0.03,0.4562865,0.94,0.7872267,0.36,0.9946686,0,0.4499987,0,0.4499987
1,0.5000677,0.29,0.5057161,0.94,0.8065704,0.46,0.9951541,0,0.4999987,0,0.4999987
1,0.5500624,0.29,0.5551457,0.94,0.825914,0.57,0.995637,0,0.5499987,0,0.5499987
1,0.6000544,0.29,0.6045726,0.94,0.845255,0.73,0.9961225,0,0.5999987,0,0.5999987
1,0.6500491,0.56,0.6539995,0.94,0.8645986,0.8,0.9966054,0,0.6499987,0,0.6499987
1,0.7000411,1,0.7034291,0.94,0.8839422,0.89,0.9970909,0,0.6999987,0,0.6999987
1,0.7500331,1,0.7528587,0.94,0.9032832,0.89,0.9975764,0,0.7499987,0,0.7499987
1,0.8000278,1,0.8022856,0.94,0.9226268,0.9,0.9980593,0,0.7999987,0,0.7999987
1,0.8500199,1,0.8517126,0.95,0.9419705,0.91,0.9985448,0,0.8499987,0,0.8499987
1,0.900012,1,0.9011422,0.97,0.9613141,0.91,0.9990303,0,0.8999987,0,0.8999987
1,0.9500066,1,0.9505717,0.99,0.9806551,0.92,0.9995131,0,0.9499987,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.96,0.9999987,0,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,8.091903E-05,0,2.958188E-04,0,9.564364E-04,0,7.680675E-04,0,3.196965E-04,0,2.586756E-04,0,2.152579E-02,0,1.744535E-02,0,2.712379E-02,0,3.079301E-02,
1,0.100073,0.02,0.1002666,0.03,0.1008609,0.03,0.1006911,0.03,0.1002879,0.03,0.1002321,0.01,0.1193741,0.02,0.1156996,0.01,0.1244123,0.01,0.1277128,
1,0.1500677,0.03,0.1502507,0.04,0.1508132,0.03,0.1506513,0.03,0.1502719,0.03,0.1502189,0.02,0.168297,0.02,0.1648294,0.01,0.173054,0.01,0.176174,
1,0.200065,0.03,0.2002375,0.04,0.2007654,0.04,0.2006142,1,0.200256,1,0.2002056,0.02,0.2172198,0.02,0.2139565,0.02,0.2216982,0.02,0.2246352,
1,0.2500597,1,0.2502215,0.05,0.2507177,0.04,0.250577,1,0.2502401,1,0.250195,0.02,0.2661453,0.02,0.2630837,0.02,0.2703425,0.02,0.2730938,
1,0.3000571,1,0.3002056,1,0.3006699,1,0.3005373,1,0.3002242,1,0.3001817,0.02,0.3150682,1,0.3122108,0.02,0.3189868,0.02,0.321555,
1,0.3500517,1,0.3501923,1,0.3506221,1,0.3504975,1,0.3502083,1,0.3501685,1,0.363991,1,0.361338,1,0.367631,1,0.3700162,
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1,0.6000305,1,0.600118,1,0.6003807,1,0.6003065,1,0.600126,1,0.6001021,1,0.6086106,1,0.6069763,1,0.6108498,1,0.612317,
1,0.6500279,1,0.6501021,1,0.650333,1,0.6502693,1,0.6501101,1,0.6500889,1,0.6575334,1,0.6561061,1,0.6594914,1,0.6607755,
1,0.7000226,1,0.7000889,1,0.7002852,1,0.7002295,1,0.7000942,1,0.7000756,1,0.7064563,1,0.7052332,1,0.7081357,1,0.7092367,
1,0.7500199,1,0.750073,1,0.7502375,1,0.7501897,1,0.7500783,1,0.7500623,1,0.7553791,1,0.7543603,1,0.75678,1,0.7576979,
1,0.8000146,1,0.8000571,1,0.8001897,1,0.8001525,1,0.8000624,1,0.8000517,1,0.8043046,1,0.8034875,1,0.8054242,1,0.8061565,
1,0.8500119,1,0.8500438,1,0.8501419,1,0.8501154,1,0.8500465,1,0.8500385,1,0.8532275,1,0.8526146,1,0.8540685,1,0.8546177,
1,0.9000067,1,0.9000279,1,0.9000942,1,0.9000756,1,0.9000305,1,0.9000252,1,0.9021503,1,0.9017444,1,0.9027101,1,0.9030789,
1,0.950004,1,0.9500146,1,0.9500464,1,0.9500358,1,0.9500146,1,0.950012,1,0.9510759,1,0.9508715,1,0.9513544,1,0.9515375,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.948046,0,0.9231734,0,0.7644076,0,0.7497625,0,0.6928619,0,0.659242,0,0.7755452,0,0.7446076,0,0.7578836,0,0.757361,
0.96,0.9532408,0.96,0.9308567,0.96,0.787967,0.97,0.7747864,0.97,0.7235766,0.98,0.6933182,0.98,0.7979903,0.98,0.7701462,0.98,0.7820957,0.98,0.7816234,
0.96,0.9558381,0.97,0.9346983,0.96,0.7997466,0.97,0.7872984,0.98,0.7389327,0.98,0.7103563,0.98,0.8092128,0.98,0.7829155,0.98,0.7942017,0.98,0.7937559,
0.96,0.9584355,0.97,0.9385374,0.96,0.8115263,0.97,0.7998103,0.98,0.7542887,0.98,0.7273944,0.98,0.8204353,0.98,0.7956848,0.98,0.8063077,0.98,0.8058885,
0.97,0.9610355,0.97,0.942379,0.97,0.823306,0.97,0.8123223,0.98,0.7696474,0.98,0.7444325,0.98,0.8316579,0.98,0.8084567,0.98,0.8184111,0.99,0.8180211,
0.97,0.9636329,0.97,0.9462207,0.97,0.8350857,0.97,0.8248342,0.98,0.7850034,0.98,0.7614679,0.98,0.8428804,0.98,0.821226,0.98,0.8305171,0.99,0.8301536,
0.97,0.9662302,0.97,0.9500623,0.97,0.8468654,0.98,0.8373461,0.98,0.8003595,0.98,0.778506,0.98,0.854103,0.98,0.8339953,0.99,0.8426231,0.99,0.8422835,
0.97,0.9688276,0.98,0.953904,0.97,0.8586451,0.98,0.849858,0.98,0.8157156,0.98,0.7955441,0.98,0.8653255,0.98,0.8467646,0.99,0.8547291,0.99,0.8544161,

0.97,0.971425,0.98,0.9577457,0.97,0.8704247,0.98,0.86237,0.98,0.8310742,0.99,0.8125823,0.98,0.8765481,0.99,0.8595338,0.99,0.8668351,0.99,0.8665486,
0.97,0.9740223,0.98,0.9615873,0.98,0.8822018,0.98,0.8748793,0.98,0.8464303,0.99,0.8296204,0.98,0.8877733,0.99,0.8723031,0.99,0.8789412,0.99,0.8786785,
0.97,0.9766197,0.98,0.9654263,0.98,0.8939815,0.98,0.8873912,0.98,0.8617863,0.99,0.8466585,0.98,0.8989958,0.99,0.8850724,0.99,0.8910472,0.99,0.890811,
0.98,0.9792171,0.98,0.969268,0.98,0.9057612,0.98,0.8999032,0.99,0.877145,0.99,0.8636965,0.99,0.9102184,0.99,0.8978417,0.99,0.9031532,0.99,0.9029436,
0.98,0.9818144,0.98,0.9731097,0.98,0.9175408,0.98,0.9124151,0.99,0.8925011,0.99,0.8807346,0.99,0.9214409,0.99,0.910611,0.99,0.9152592,0.99,0.9150761,
0.98,0.9844118,0.98,0.9769514,0.98,0.9293206,0.98,0.9249271,0.99,0.9078571,0.99,0.8977727,0.99,0.9326634,0.99,0.9233803,0.99,0.9273652,0.99,0.9272087,
0.98,0.9870092,0.99,0.980793,0.98,0.9411002,0.99,0.937439,0.99,0.9232131,0.99,0.9148082,0.99,0.943886,0.99,0.9361496,0.99,0.9394712,0.99,0.9393386,
0.98,0.9896092,0.99,0.9846347,0.99,0.9528799,0.99,0.9499509,0.99,0.9385719,0.99,0.9318463,0.99,0.9551085,0.99,0.9489215,0.99,0.9515746,0.99,0.9514711,
0.98,0.9922066,0.99,0.9884737,0.99,0.9646596,0.99,0.9624628,0.99,0.9539279,0.99,0.9488844,0.99,0.9663311,0.99,0.9616908,0.99,0.9636806,0.99,0.9636037,
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0.99,0.9974013,0.99,0.996157,0.99,0.988219,0.99,0.9874867,1,0.9846426,1,0.9829606,1,0.9887761,1,0.9872294,1,0.9878926,1,0.9878661,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,
0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,
0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,
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0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,
0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,
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0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,3.67054E-03,0,2.049109E-02,0,1.447655E-02,0,0.0236058,0,2.081476E-02,0,2.316805E-02,0,7.676297E-02,0,6.565452E-
02,0,0.1077589,0,0.1612053,
0.02,0.1033044,0.01,0.1184429,0.01,0.113028,0.01,0.1212446,0.01,0.1187321,0.01,0.1208519,0.01,0.1690876,0.01,0.1590881,0.01,0.1969821,
0.01,0.2450852,
0.02,0.1531187,0.01,0.1674162,0.02,0.1623037,0.01,0.1700639,0.02,0.1676921,0.01,0.1696925,0.01,0.2152486,0.01,0.2058063,0.01,0.2415937
,0.01,0.2870251,
0.03,0.2029356,0.01,0.2163921,0.02,0.211582,0.02,0.2188833,0.02,0.2166521,0.02,0.2185331,0.01,0.2614096,0.01,0.2525244,0.01,0.2862079,
0.01,0.328965,
1,0.2527526,0.02,0.265368,0.02,0.2608577,0.02,0.2677054,0.02,0.2656094,0.02,0.2673764,0.01,0.3075706,0.01,0.2992399,0.01,0.3308195,0.0
1,0.370905,
1,0.3025695,0.02,0.3143439,0.02,0.3101335,0.02,0.3165247,0.02,0.3145694,0.02,0.316217,0.01,0.3537342,0.01,0.345958,0.01,0.3754311,0.01
,0.4128422,
1,0.3523864,0.02,0.3633198,0.02,0.3594092,0.02,0.3653441,0.02,0.3635294,0.02,0.3650576,0.01,0.3998952,0.01,0.3926762,0.01,0.4200427,0.
01,0.4547822,
1,0.4022007,0.02,0.412293,0.02,0.4086849,0.02,0.4141635,0.02,0.4124894,1,0.4139008,0.01,0.4460562,0.01,0.4393916,0.01,0.4646543,0.01,0
.4967221,
1,0.4520177,1,0.461269,0.03,0.4579606,0.02,0.4629829,1,0.4614467,1,0.4627414,0.01,0.4922198,0.01,0.4861098,0.01,0.5092659,0.01,0.53866
21,
1,0.5018346,1,0.5102449,0.03,0.5072363,0.02,0.5118023,1,0.5104067,1,0.511582,0.01,0.5383808,0.01,0.5328279,0.01,0.5538775,0.01,0.58060
2,
1,0.5516515,1,0.5592208,1,0.5565146,1,0.5606216,1,0.5593667,1,0.5604253,0.01,0.5845418,1,0.5795434,0.01,0.5984917,0.01,0.6225419,
1,0.6014685,1,0.6081967,1,0.6057904,1,0.609441,1,0.6083241,1,0.6092659,1,0.6307055,1,0.6262615,1,0.6431033,1,0.6644819,
1,0.6512828,1,0.6571699,1,0.6550661,1,0.6582603,1,0.657284,1,0.6581091,1,0.6768665,1,0.672977,1,0.6877149,1,0.7064218,
1,0.7010997,1,0.7061459,1,0.7043418,1,0.7070798,1,0.7062441,1,0.7069498,1,0.7230274,1,0.7196952,1,0.7323265,1,0.7483617,
1,0.7509167,1,0.7551218,1,0.7536175,1,0.7558991,1,0.755204,1,0.7557904,1,0.7691911,1,0.7664133,1,0.7769381,1,0.790299,
1,0.8007336,1,0.8040977,1,0.8028932,1,0.8047212,1,0.8041614,1,0.8046336,1,0.8153521,1,0.8131288,1,0.8215497,1,0.8322389,
1,0.8505505,1,0.8530736,1,0.8521715,1,0.8535405,1,0.8531213,1,0.8534742,1,0.8615131,1,0.8598469,1,0.8661639,1,0.8741789,
1,0.9003648,1,0.9020469,1,0.9014472,1,0.9023599,1,0.9020814,1,0.9023148,1,0.907674,1,0.9065651,1,0.9107755,1,0.9161188,
1,0.9501817,1,0.9510227,1,0.950723,1,0.9511793,1,0.9510387,1,0.951158,1,0.9538377,1,0.9532805,1,0.9553871,1,0.9580587,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9963799,0,0.9932705,0,0.9766781,0,0.9757362,0,0.9707511,0,0.967586,0,0.9810106,0,0.9782779,0,0.9805701,0,0.9812414,
0.87,0.9967407,0.88,0.9939443,0.88,0.9790101,0.89,0.9781638,0.91,0.9736748,0.92,0.9708281,0.92,0.9829102,0.92,0.9804507,0.93,0.9825122
,0.94,0.9831171,

0.87,0.9969237,0.88,0.9942786,0.88,0.9801748,0.89,0.9793763,0.92,0.9751393,0.93,0.9724491,0.92,0.98386,0.93,0.9815359,0.93,0.9834833,0
.94,0.9840537,
0.87,0.9971042,0.89,0.9946156,0.88,0.9813422,0.9,0.9805887,0.92,0.9766011,0.93,0.9740674,0.92,0.9848071,0.93,0.982621,0.93,0.9844569,0
.94,0.9849929,
0.87,0.9972846,0.89,0.9949525,0.88,0.9825096,0.9,0.9818012,0.92,0.978063,0.93,0.9756885,0.92,0.9857569,0.93,0.9837087,0.93,0.9854279,0
.94,0.9859321,
0.87,0.997465,0.89,0.9952894,0.89,0.9836742,0.9,0.9830136,0.92,0.9795249,0.93,0.9773095,0.92,0.9867067,0.93,0.9847938,0.94,0.986399,0.
94,0.9868686,
0.88,0.9976454,0.91,0.9956264,0.91,0.984839,0.92,0.9842287,0.93,0.9809867,0.94,0.9789305,0.93,0.9876565,0.94,0.9858789,0.95,0.98737,0.
94,0.9878051,
0.9,0.9978284,0.91,0.9959607,0.91,0.9860063,0.92,0.9854412,0.94,0.9824512,0.95,0.9805516,0.94,0.9886063,0.94,0.9869667,0.95,0.988341,0
.95,0.9887443,
0.91,0.9980088,0.92,0.9962976,0.91,0.9871737,0.92,0.9866537,0.94,0.983913,0.95,0.9821726,0.94,0.9895561,0.95,0.9880518,0.95,0.9893121,
0.96,0.9896835,
0.91,0.9981893,0.92,0.9966345,0.92,0.9883384,0.93,0.9878688,0.94,0.9853749,0.95,0.9837936,0.94,0.9905059,0.95,0.9891369,0.95,0.9902831
,0.96,0.99062,
0.91,0.9983697,0.92,0.9969715,0.92,0.9895031,0.93,0.9890813,0.94,0.9868367,0.95,0.985412,0.95,0.9914531,0.95,0.9902247,0.95,0.9912568,
0.96,0.9915566,
0.91,0.9985501,0.92,0.9973084,0.92,0.9906704,0.93,0.9902937,0.95,0.9882986,0.95,0.9870331,0.95,0.9924029,0.95,0.9913098,0.96,0.9922278
,0.96,0.9924958,
0.92,0.9987332,0.93,0.9976428,0.93,0.9918378,0.93,0.9915062,0.95,0.9897631,0.95,0.9886541,0.95,0.9933527,0.95,0.9923976,0.96,0.9931988
,0.96,0.993435,
0.92,0.9989136,0.93,0.9979797,0.93,0.9930025,0.94,0.9927186,0.95,0.9912249,0.96,0.9902751,0.95,0.9943025,0.95,0.9934827,0.96,0.9941698
,0.96,0.9943715,
0.92,0.9990939,0.93,0.9983166,0.93,0.9941672,0.94,0.9939337,0.95,0.9926867,0.96,0.9918962,0.95,0.9952523,0.96,0.9945678,0.96,0.9951409
,0.96,0.995308,
0.92,0.9992744,0.93,0.9986535,0.95,0.9953346,0.95,0.9951462,0.96,0.9941486,0.97,0.9935172,0.96,0.9962021,0.96,0.9956556,0.97,0.9961119
,0.97,0.9962472,
0.92,0.9994548,0.95,0.9989905,0.95,0.9965019,0.96,0.9963586,0.96,0.9956105,0.97,0.9951355,0.96,0.9971493,0.97,0.9967407,0.97,0.9970856
,0.97,0.9971864,
0.94,0.9996378,0.95,0.9993248,0.95,0.9976666,0.96,0.9975737,0.97,0.997075,0.97,0.9967566,0.97,0.9980991,0.97,0.9978258,0.97,0.9980566,
0.98,0.9981229,
0.95,0.9998183,0.96,0.9996617,0.96,0.9988313,0.96,0.9987862,0.97,0.9985368,0.97,0.9983776,0.97,0.9990489,0.97,0.9989136,0.97,0.9990277
,0.98,0.9990595,
0.95,0.9999987,0.96,0.9999987,0.96,0.9999987,0.96,0.9999987,0.97,0.9999987,0.97,0.9999987,0.97,0.9999987,0.97,0.9999987,0.98,0.9999987
,0.98,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,

0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,
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0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,
0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,7.574552E-04,0,0.0241205,0,0.6491709,0,0.9617333,0,0,0,0
0.03,0.1006805,0.01,0.1217088,0.23,0.6842526,0.12,0.965559,0,9.999868E-02,0,9.999868E-02
0.04,0.1506434,0.01,0.1705017,0.23,0.7017948,0.17,0.9674719,0,0.1499987,0,0.1499987
0.27,0.2006062,0.01,0.2192972,0.23,0.719337,0.22,0.9693874,0,0.1999987,0,0.1999987
0.3,0.2505664,0.03,0.26809,0.38,0.7368765,0.25,0.9713003,0,0.2499987,0,0.2499987
0.57,0.3005293,0.03,0.3168829,0.51,0.7544187,0.33,0.9732131,0,0.2999987,0,0.2999987
1,0.3504921,0.03,0.3656784,0.81,0.7719609,0.39,0.975126,0,0.3499987,0,0.3499987
1,0.400455,0.16,0.4144712,0.89,0.7895031,0.43,0.9770389,0,0.3999987,0,0.3999987
1,0.4504152,0.29,0.4632667,0.94,0.8070426,0.48,0.9789518,0,0.4499987,0,0.4499987
1,0.5003781,0.29,0.5120596,0.94,0.8245848,0.57,0.9808646,0,0.4999987,0,0.4999987
1,0.550341,0.36,0.5608524,0.94,0.842127,0.64,0.9827802,0,0.5499987,0,0.5499987
1,0.6003011,0.56,0.6096479,0.94,0.8596665,0.71,0.9846931,0,0.5999987,0,0.5999987
1,0.650264,1,0.6584408,0.94,0.8772087,0.78,0.9866059,0,0.6499987,0,0.6499987
1,0.7002268,1,0.7072363,0.95,0.8947509,0.84,0.9885188,0,0.6999987,0,0.6999987
1,0.7501897,1,0.7560291,0.96,0.9122931,0.89,0.9904317,0,0.7499987,0,0.7499987
1,0.8001499,1,0.804822,0.97,0.9298326,0.9,0.9923446,0,0.7999987,0,0.7999987
1,0.8501127,1,0.8536175,0.98,0.9473748,0.91,0.9942601,0,0.8499987,0,0.8499987
1,0.9000756,1,0.9024103,0.99,0.9649169,0.92,0.9961729,0,0.8999987,0,0.8999987
1,0.9500358,1,0.9512058,0.99,0.9824565,0.94,0.9980858,0,0.9499987,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.97,0.9999987,0,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99072, %
Acceptable Velocity in Reach,1,99.99655, %
Optimum Depth in Reach,1,3.634714E-02, %
Acceptable Depth in Reach,1,2.368932, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0, %
Optimum Velocity in Reach,2,99.97506, %
Acceptable Velocity in Reach,2,99.9931, %
Optimum Depth in Reach,2,6.924528E-02, %
Acceptable Depth in Reach,2,5.207192, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.95331, %
Acceptable Velocity in Reach,3,99.98673, %
Optimum Depth in Reach,3,0.4841864, %
Acceptable Depth in Reach,3,27.87162, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,0, %
Optimum Velocity in Reach,4,99.95437, %
Acceptable Velocity in Reach,4,99.98859, %
Optimum Depth in Reach,4,0.5290233, %
Acceptable Depth in Reach,4,28.77128, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,0, %
Optimum Velocity in Reach,5,99.96445, %
Acceptable Velocity in Reach,5,99.99258, %
Optimum Depth in Reach,5,0.7805349, %
Acceptable Depth in Reach,5,35.21826, %
Optimum Depth & Velocity in Reach,5,0, %
Acceptable Depth & Velocity in Reach,5,0, %
Optimum Velocity in Reach,6,99.97108, %
Acceptable Velocity in Reach,6,99.99204, %
Optimum Depth in Reach,6,0.944495, %
Acceptable Depth in Reach,6,38.58448, %
Optimum Depth & Velocity in Reach,6,0, %
Acceptable Depth & Velocity in Reach,6,0, %
Optimum Velocity in Reach,7,99.91802, %
Acceptable Velocity in Reach,7,99.97639, %
Optimum Depth in Reach,7,0.4030022, %
Acceptable Depth in Reach,7,23.6856, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.94243, %
Acceptable Velocity in Reach,8,99.98064, %
Optimum Depth in Reach,8,0.5144314, %

Acceptable Depth in Reach,8,27.43997, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0, %
Optimum Velocity in Reach,9,99.91988, %
Acceptable Velocity in Reach,9,99.97771, %
Optimum Depth in Reach,9,0.449431, %
Acceptable Depth in Reach,9,25.18299, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.91616, %
Acceptable Velocity in Reach,10,99.97639, %
Optimum Depth in Reach,10,0.4369616, %
Acceptable Depth in Reach,10,24.43138, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.95055, %
Acceptable Velocity in Stream,99.98607, %
Optimum Depth in Stream,0.4647658, %
Acceptable Depth in Stream,23.87617, %
Optimum Depth & Velocity in Stream,0, %
Acceptable Depth & Velocity in Stream,0, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.94879, %
Acceptable Velocity in Reach,1,99.99152, %
Optimum Depth in Reach,1,0.3618795, %
Acceptable Depth in Reach,1,5.195253, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0, %
Optimum Velocity in Reach,2,99.78086, %
Acceptable Velocity in Reach,2,99.97002, %
Optimum Depth in Reach,2,0.67282, %
Acceptable Depth in Reach,2,7.682512, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.57179, %
Acceptable Velocity in Reach,3,99.90396, %
Optimum Depth in Reach,3,2.332054, %
Acceptable Depth in Reach,3,23.55905, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,0, %
Optimum Velocity in Reach,4,99.59805, %
Acceptable Velocity in Reach,4,99.92279, %
Optimum Depth in Reach,4,2.426238, %
Acceptable Depth in Reach,4,25.02355, %

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Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,0, %
Optimum Velocity in Reach,5,99.72779, %
Acceptable Velocity in Reach,5,99.96764, %
Optimum Depth in Reach,5,2.924751, %
Acceptable Depth in Reach,5,30.7136, %
Optimum Depth & Velocity in Reach,5,0, %
Acceptable Depth & Velocity in Reach,5,0, %
Optimum Velocity in Reach,6,99.77767, %
Acceptable Velocity in Reach,6,99.97373, %
Optimum Depth in Reach,6,3.241263, %
Acceptable Depth in Reach,6,34.07558, %
Optimum Depth & Velocity in Reach,6,0, %
Acceptable Depth & Velocity in Reach,6,0, %
Optimum Velocity in Reach,7,99.4142, %
Acceptable Velocity in Reach,7,99.83392, %
Optimum Depth in Reach,7,1.898806, %
Acceptable Depth in Reach,7,22.44529, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.56384, %
Acceptable Velocity in Reach,8,99.88592, %
Optimum Depth in Reach,8,2.172073, %
Acceptable Depth in Reach,8,25.53904, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0, %
Optimum Velocity in Reach,9,99.45585, %
Acceptable Velocity in Reach,9,99.85461, %
Optimum Depth in Reach,9,1.942847, %
Acceptable Depth in Reach,9,24.21144, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.44949, %
Acceptable Velocity in Reach,10,99.85169, %
Optimum Depth in Reach,10,1.875725, %
Acceptable Depth in Reach,10,24.26371, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.62884, %
Acceptable Velocity in Stream,99.91558, %
Optimum Depth in Stream,1.984846, %
Acceptable Depth in Stream,22.2709, %
Optimum Depth & Velocity in Stream,0, %
Acceptable Depth & Velocity in Stream,0, %
```

Stream Health Run 16

Run Date,6/11/2002
Run Time,8:24:49 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityClusterRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Central Stoneroller.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8526,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,2.569206,Index,1
90-10 Range ,96.1696,Index,3
Number of Storms 3x Median,10740,Index,5
Number of High Flow Events,840,Index,1
High Flow Duration (hrs) ,36024,Index,1
Number of Low Flow Events ,90,Index,1
Low Flow Duration (hrs) ,12538,Index,1
Overall Index,1.777778
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,1.459196E-05,0,3.051045E-05,0,2.25512E-05,0,1.193887E-05,0,1.193887E-05,0,5.173511E-05,0,3.84697E-05,0,4.908203E-05,0,6.062294E-04,
1,0.1000013,1,0.1000119,1,0.1000279,1,0.1000199,1,0.1000093,1,0.1000093,1,0.1000464,1,0.1000358,1,0.1000438,1,0.1005452,
1,0.1500013,1,0.1500119,1,0.1500252,1,0.1500199,1,0.1500093,1,0.1500093,1,0.1500438,1,0.1500332,1,0.1500411,1,0.150516,
1,0.2000013,1,0.2000119,1,0.2000252,1,0.2000172,1,0.2000093,1,0.2000093,1,0.2000411,1,0.2000305,1,0.2000385,1,0.2004842,
1,0.2500013,1,0.2500093,1,0.2500226,1,0.2500173,1,0.2500093,1,0.2500093,1,0.2500385,1,0.2500279,1,0.2500358,1,0.250455,
1,0.3000013,1,0.3000093,1,0.3000199,1,0.3000146,1,0.3000093,1,0.3000093,1,0.3000358,1,0.3000252,1,0.3000332,1,0.3004232,

1,0.3500013,1,0.3500093,1,0.3500199,1,0.3500146,1,0.3500066,1,0.3500066,1,0.3500332,1,0.3500252,1,0.3500305,1,0.350394,
1,0.4000013,1,0.4000093,1,0.4000172,1,0.4000119,1,0.4000066,1,0.4000066,1,0.4000305,1,0.4000225,1,0.4000279,1,0.4003621,
1,0.4500013,1,0.4500066,1,0.4500172,1,0.4500119,1,0.4500066,1,0.4500066,1,0.4500279,1,0.4500199,1,0.4500252,1,0.450333,
1,0.4999987,1,0.5000066,1,0.5000146,1,0.5000093,1,0.500004,1,0.500004,1,0.5000252,1,0.5000199,1,0.5000252,1,0.5003011,
1,0.5499987,1,0.5500066,1,0.5500119,1,0.5500093,1,0.550004,1,0.550004,1,0.5500225,1,0.5500172,1,0.5500225,1,0.5502719,
1,0.5999987,1,0.600004,1,0.6000119,1,0.6000093,1,0.600004,1,0.600004,1,0.6000199,1,0.6000146,1,0.6000199,1,0.6002427,
1,0.6499987,1,0.650004,1,0.6500093,1,0.6500067,1,0.650004,1,0.650004,1,0.6500173,1,0.650012,1,0.6500173,1,0.6502109,
1,0.6999987,1,0.700004,1,0.7000093,1,0.7000066,1,0.700004,1,0.700004,1,0.7000146,1,0.7000093,1,0.7000146,1,0.7001817,
1,0.7499987,1,0.750004,1,0.7500066,1,0.750004,1,0.7500013,1,0.7500013,1,0.7500119,1,0.7500093,1,0.7500119,1,0.7501499,
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1,0.8499987,1,0.8500013,1,0.850004,1,0.8500013,1,0.8500013,1,0.8500013,1,0.8500066,1,0.850004,1,0.8500066,1,0.8500889,
1,0.8999987,1,0.9000013,1,0.9000013,1,0.9000013,1,0.8999987,1,0.8999987,1,0.900004,1,0.900004,1,0.900004,1,0.9000597,
1,0.9499987,1,0.9499987,1,0.9500013,1,0.9499987,1,0.9499987,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500279,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9129032,0,0.8287289,0,0.4695625,0,0.4597939,0,0.3961596,0,0.3644606,0,0.511131,0,0.469979,0,0.4936551,0,0.5016171,
0.97,0.9216133,0.98,0.8458546,0.97,0.5226056,0.98,0.5138133,0.98,0.4565438,0.99,0.4280152,0.98,0.5600167,0.99,0.5229797,0.99,0.5442892
,0.99,0.5514552,
0.97,0.925967,0.98,0.8544187,0.98,0.5491285,0.98,0.5408243,0.99,0.4867359,0.99,0.4597912,0.98,0.5844622,0.99,0.5494813,0.99,0.5696076,
0.99,0.5763756,
0.97,0.9303234,0.98,0.8629829,0.98,0.5756487,0.98,0.5678353,0.99,0.516928,0.99,0.4915672,0.99,0.6089051,0.99,0.575983,0.99,0.5949233,0
.99,0.6012934,
0.97,0.9346771,0.98,0.871547,0.98,0.6021715,0.98,0.5948464,0.99,0.5471201,0.99,0.5233458,0.99,0.6333479,0.99,0.6024846,0.99,0.6202417,
0.99,0.6262111,
0.97,0.9390308,0.98,0.8801112,0.98,0.6286944,0.98,0.6218548,0.99,0.5773122,0.99,0.5551218,0.99,0.6577908,0.99,0.6289862,0.99,0.6455574
,0.99,0.6511315,
0.98,0.9433872,0.98,0.8886726,0.98,0.6552146,0.98,0.6488658,0.99,0.6075042,0.99,0.5868977,0.99,0.6822336,0.99,0.6554853,0.99,0.6708758
,0.99,0.676052,
0.98,0.9477409,0.98,0.8972368,0.98,0.6817375,0.98,0.6758769,0.99,0.6376963,0.99,0.6186764,0.99,0.7066792,0.99,0.6819869,0.99,0.6961915
,0.99,0.7009697,
0.98,0.9520972,0.98,0.9058009,0.98,0.7082577,0.99,0.7028852,0.99,0.6678884,0.99,0.6504524,0.99,0.731122,0.99,0.7084885,0.99,0.7215099,
0.99,0.7258875,
0.98,0.956451,0.98,0.9143625,0.98,0.7347806,0.99,0.7298962,0.99,0.6980779,0.99,0.6822283,0.99,0.7555649,0.99,0.7349876,0.99,0.7468256,
0.99,0.7508079,
0.98,0.9608047,0.98,0.9229266,0.98,0.7613035,0.99,0.7569073,0.99,0.7282699,0.99,0.714007,0.99,0.7800077,0.99,0.7614892,0.99,0.772144,0
.99,0.7757283,
0.98,0.965161,0.98,0.9314908,0.99,0.7878237,0.99,0.7839157,0.99,0.758462,0.99,0.7457829,0.99,0.8044506,0.99,0.7879908,0.99,0.7974623,0
.99,0.800646,
0.98,0.9695147,0.98,0.9400549,0.99,0.8143466,0.99,0.8109267,0.99,0.7886541,0.99,0.7775615,0.99,0.828896,0.99,0.8144925,0.99,0.822778,0
.99,0.8255638,
0.98,0.9738711,0.98,0.9486191,0.99,0.8408667,0.99,0.8379378,0.99,0.8188462,0.99,0.8093375,0.99,0.8533389,0.99,0.8409941,0.99,0.8480964
,0.99,0.8504842,

0.98,0.9782248,0.99,0.9571806,0.99,0.8673896,0.99,0.8649461,0.99,0.8490382,0.99,0.8411135,0.99,0.8777817,0.99,0.8674931,0.99,0.8734121
,0.99,0.8754046,
0.98,0.9825785,0.99,0.9657447,0.99,0.8939125,0.99,0.8919572,0.99,0.8792303,0.99,0.8728921,0.99,0.9022246,0.99,0.8939947,0.99,0.8987305
,0.99,0.9003224,
0.99,0.9869349,0.99,0.9743088,0.99,0.9204327,0.99,0.9189682,0.99,0.9094224,0.99,0.9046681,0.99,0.9266675,0.99,0.9204964,0.99,0.9240462
,1,0.9252401,
0.99,0.9912886,0.99,0.9828704,0.99,0.9469556,0.99,0.9459792,1,0.9396145,1,0.936444,0.99,0.951113,0.99,0.9469954,0.99,0.9493646,1,0.950
1605,
0.99,0.995645,0.99,0.9914345,1,0.9734758,1,0.9729877,1,0.9698066,1,0.9682227,1,0.9755558,1,0.973497,1,0.9746803,1,0.9750809,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9994866,0,0,0,0.9795195,0,0.9762403,0,0.923436,0,0.9094357,0,0,0,0.9920686,0,0,0,0,
0.03,0.9995371,0,9.999868E-02,0.03,0.9815677,0.03,0.9786148,0.02,0.9310928,0.02,0.9184906,0,9.999868E-02,0.02,0.9928619,0,9.999868E-
02,0,9.999868E-02,
0.03,0.9995636,0,0.1499987,0.03,0.9825918,0.03,0.9798034,0.02,0.9349212,0.02,0.9230195,0,0.1499987,0.02,0.9932572,0,0.1499987,0,0.1499
987,
0.03,0.9995901,0,0.1999987,0.03,0.9836159,0.03,0.980992,0.02,0.9387496,0.02,0.9275483,0,0.1999987,0.02,0.9936551,0,0.1999987,0,0.19999
87,
0.03,0.999614,0,0.2499987,0.03,0.98464,0.03,0.9821806,0.02,0.9425753,0.03,0.9320771,0,0.2499987,0.02,0.9940504,0,0.2499987,0,0.2499987
,
0.03,0.9996405,0,0.2999987,0.03,0.9856641,0.03,0.9833692,0.03,0.9464037,0.04,0.9366059,0,0.2999987,0.02,0.9944484,0,0.2999987,0,0.2999
987,
0.03,0.999667,0,0.3499987,0.03,0.9866881,0.03,0.9845551,0.03,0.9502321,0.05,0.9411321,0,0.3499987,0.02,0.9948437,0,0.3499987,0,0.34999
87,
0.03,0.9996909,0,0.3999987,0.03,0.9877123,0.03,0.9857436,0.03,0.9540606,0.96,0.9456609,0,0.3999987,0.02,0.9952417,0,0.3999987,0,0.3999
987,
0.03,0.9997175,0,0.4499987,0.03,0.9887363,0.03,0.9869322,0.03,0.957889,0.96,0.9501897,0,0.4499987,0.02,0.995637,0,0.4499987,0,0.449998
7,
0.03,0.999744,0,0.4999987,0.03,0.9897578,0.03,0.9881182,0.95,0.9617174,0.96,0.9547158,0,0.4999987,0.02,0.996035,0,0.4999987,0,0.499998
7,
0.03,0.9997678,0,0.5499987,0.03,0.9907818,0.03,0.9893067,0.95,0.9655457,0.96,0.9592447,0,0.5499987,0.02,0.9964303,0,0.5499987,0,0.5499
987,
0.03,0.9997944,0,0.5999987,0.03,0.991806,0.03,0.9904953,0.96,0.9693741,0.96,0.9637735,0,0.5999987,0.02,0.9968256,0,0.5999987,0,0.59999
87,
0.03,0.9998183,0,0.6499987,0.03,0.99283,0.03,0.9916839,0.96,0.9732025,0.96,0.9683023,0,0.6499987,0.02,0.9972236,0,0.6499987,0,0.649998
7,
0.03,0.9998448,0,0.6999987,0.03,0.9938541,0.03,0.9928725,0.96,0.9770309,0.96,0.9728311,0,0.6999987,0.02,0.9976189,0,0.6999987,0,0.6999
987,
0.03,0.9998713,0,0.7499987,0.03,0.9948782,0.03,0.9940584,0.96,0.9808593,0.97,0.9773573,0,0.7499987,0.02,0.9980168,0,0.7499987,0,0.7499
987,
0.03,0.9998952,0,0.7999987,0.03,0.9959023,0.03,0.995247,0.96,0.9846851,0.97,0.9818861,0,0.7999987,0.02,0.9984121,0,0.7999987,0,0.79999
87,

0.03,0.9999217,0,0.8499987,0.03,0.9969264,0.03,0.9964356,0.97,0.9885135,0.98,0.9864149,0,0.8499987,0.02,0.9988101,0,0.8499987,0,0.8499987,
0.03,0.9999483,0,0.8999987,0.03,0.9979505,0.03,0.9976215,0.97,0.9923419,0.98,0.990941,0,0.8999987,0.02,0.9992054,0,0.8999987,0,0.8999987,
0.03,0.9999722,0,0.9499987,0.03,0.9989746,0.03,0.9988101,0.97,0.9961703,0.98,0.9954699,0,0.9499987,0.02,0.9996034,0,0.9499987,0,0.9499987,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.989812E-05,0,5.43882E-05,0,8.622519E-05,0,7.295978E-05,0,6.234745E-05,0,4.642895E-05,0,4.768916E-03,0,3.161148E-03,0,6.347501E-03,0,7.201794E-03,
0.99,0.1000172,0.03,0.1000491,0.04,0.1000783,0.03,0.100065,0.04,0.100057,0.04,0.1000411,0.02,0.1042914,0.02,0.1028454,0.01,0.1057134,0.01,0.1064828,
0.99,0.1500172,0.03,0.1500464,0.04,0.150073,0.04,0.1500624,0.99,0.1500517,0.99,0.1500385,0.02,0.1540526,0.02,0.1526863,0.02,0.155395,0.02,0.156122,
0.99,0.2000146,0.99,0.2000438,0.05,0.2000677,0.04,0.200057,0.99,0.2000491,0.99,0.2000358,0.02,0.2038138,0.02,0.2025297,0.02,0.2050767,0.02,0.2057612,
0.99,0.2500146,1,0.2500411,0.99,0.250065,0.99,0.2500544,0.99,0.2500464,0.99,0.2500358,0.02,0.253575,0.99,0.2523705,0.02,0.254761,0.02,0.2554004,
0.99,0.3000146,1,0.3000385,0.99,0.3000597,0.99,0.3000517,0.99,0.3000438,0.99,0.3000332,0.99,0.3033389,1,0.3022113,1,0.3044426,1,0.3050395,
0.99,0.3500119,1,0.3500358,0.99,0.3500544,0.99,0.3500464,0.99,0.3500411,0.99,0.3500305,1,0.3531001,1,0.3520548,1,0.3541242,1,0.3546814,
0.99,0.4000119,1,0.4000332,0.99,0.4000517,0.99,0.4000438,0.99,0.4000358,0.99,0.4000279,1,0.4028614,1,0.4018956,1,0.4038085,1,0.4043205,
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0.99,0.5000093,1,0.5000252,0.99,0.5000411,0.99,0.5000358,0.99,0.5000305,0.99,0.5000225,1,0.5023838,1,0.5015799,1,0.5031717,1,0.5036016,
1,0.5500093,1,0.5500225,0.99,0.5500385,0.99,0.5500332,0.99,0.5500278,0.99,0.5500199,1,0.552145,1,0.5514207,1,0.552856,1,0.5532407,
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1,0.6500067,1,0.6500173,0.99,0.6500305,1,0.6500252,0.99,0.6500199,0.99,0.6500146,1,0.6516675,1,0.651105,1,0.652222,1,0.6525191,
1,0.700004,1,0.7000146,1,0.7000252,1,0.7000199,1,0.7000173,1,0.700012,1,0.7014287,1,0.7009485,1,0.7019036,1,0.7021583,
1,0.750004,1,0.7500119,1,0.7500199,1,0.7500172,1,0.7500146,1,0.7500093,1,0.7511926,1,0.7507893,1,0.7515852,1,0.7518001,
1,0.800004,1,0.8000093,1,0.8000172,1,0.8000146,1,0.8000119,1,0.8000093,1,0.8009538,1,0.8006301,1,0.8012695,1,0.8014393,
1,0.8500013,1,0.8500066,1,0.8500119,1,0.8500093,1,0.8500093,1,0.8500066,1,0.850715,1,0.8504736,1,0.8509511,1,0.8510785,
1,0.9000013,1,0.900004,1,0.9000067,1,0.9000067,1,0.900004,1,0.900004,1,0.9004762,1,0.9003144,1,0.9006327,1,0.9007203,
1,0.9499987,1,0.9500013,1,0.950004,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9502375,1,0.9501579,1,0.950317,1,0.9503595,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9969158,0,0.9925408,0,0.946218,0,0.9431537,0,0.9221201,0,0.9091359,0,0.9564059,0,0.946677,0,0.952397,0,0.9538297,
0.93,0.9972236,0.94,0.9932864,0.93,0.9515958,0.94,0.9488392,0.95,0.9299069,0.96,0.9182227,0.96,0.9607649,0.96,0.9520097,0.96,0.9571567,0.97,0.9584461,
0.93,0.9973775,0.94,0.9936604,0.93,0.954286,0.94,0.9516807,0.95,0.9338016,0.96,0.9227648,0.96,0.9629457,0.96,0.954676,0.96,0.9595365,0.97,0.9607543,
0.93,0.9975313,0.94,0.9940319,0.94,0.9569736,0.94,0.9545222,0.96,0.9376963,0.96,0.9273095,0.96,0.9651239,0.96,0.9573424,0.96,0.9619163,0.97,0.9630625,
0.93,0.9976852,0.94,0.994406,0.94,0.9596639,0.94,0.9573636,0.96,0.9415884,0.96,0.9318516,0.96,0.9673047,0.96,0.9600061,0.97,0.9642988,0.97,0.9653707,
0.93,0.9978417,0.94,0.9947774,0.94,0.9623514,0.95,0.9602078,0.96,0.9454831,0.96,0.9363937,0.96,0.9694829,0.96,0.9626725,0.97,0.9666786,0.97,0.9676815,
0.93,0.9979956,0.94,0.9951515,0.94,0.9650416,0.95,0.9630492,0.96,0.9493778,0.96,0.9409384,0.96,0.9716638,0.96,0.9653388,0.97,0.9690584,0.97,0.9699897,
0.93,0.9981495,0.94,0.9955229,0.94,0.9677292,0.95,0.9658906,0.96,0.9532726,0.96,0.9454805,0.96,0.9738419,0.96,0.9680051,0.97,0.9714382,0.97,0.9722978,
0.93,0.9983034,0.95,0.995897,0.95,0.9704195,0.96,0.9687347,0.97,0.9571646,0.97,0.9500252,0.97,0.9760228,0.97,0.9706715,0.97,0.9738181,0.97,0.974606,
0.95,0.9984573,0.95,0.9962685,0.95,0.973107,0.96,0.9715762,0.97,0.9610594,0.97,0.9545673,0.97,0.978201,0.97,0.9733378,0.97,0.9761978,0.98,0.9769142,
0.95,0.9986111,0.96,0.9966425,0.95,0.9757972,0.96,0.9744176,0.97,0.9649541,0.97,0.9591094,0.97,0.9803818,0.97,0.9760042,0.97,0.9785777,0.98,0.9792224,
0.95,0.998765,0.96,0.9970166,0.96,0.9784875,0.96,0.9772618,0.97,0.9688462,0.97,0.9636541,0.97,0.9825626,0.97,0.9786705,0.98,0.9809575,0.98,0.9815305,
0.95,0.9989189,0.96,0.9973881,0.96,0.9811751,0.96,0.9801032,0.97,0.9727409,0.97,0.9681962,0.97,0.9847408,0.97,0.9813369,0.98,0.9833373,0.98,0.9838387,
0.95,0.9990727,0.96,0.9977621,0.96,0.9838653,0.96,0.9829447,0.97,0.9766356,0.98,0.9727409,0.97,0.9869216,0.98,0.9840032,0.98,0.9857171,0.98,0.9861469,
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0.96,0.9995371,0.96,0.9988791,0.96,0.9919307,0.97,0.9914716,0.97,0.9883171,0.98,0.9863698,0.97,0.9934588,0.98,0.9919996,0.98,0.9928592,0.98,0.9930741,
0.97,0.9996909,0.97,0.9992532,0.97,0.9946209,0.98,0.9943131,0.98,0.9922119,0.98,0.9909118,0.98,0.9956397,0.98,0.994666,0.98,0.995239,0.99,0.9953823,
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0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
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Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,1.459196E-05,0,8.622519E-05,0,0,0.3631314,0,0.9087061,0,0.9102847,0,0
1,0.1000119,0.04,0.1000783,0.24,0.4268187,0.13,0.9178354,0.01,0.9192547,0,9.999868E-02
1,0.1500119,0.27,0.150073,0.31,0.458661,0.13,0.9224013,0.01,0.9237411,0,0.1499987
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1,0.700004,1,0.7000252,0.95,0.8089396,0.93,0.9726109,0.23,0.9730858,0,0.6999987
1,0.750004,1,0.7500199,0.97,0.8407819,0.93,0.9771768,0.23,0.9775695,0,0.7499987
1,0.8000013,1,0.8000172,0.98,0.8726242,0.93,0.9817402,0.23,0.9820559,0,0.7999987
1,0.8500013,1,0.8500119,0.98,0.9044691,0.93,0.9863034,0.23,0.9865422,0,0.8499987
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Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,2.25512E-05,0,4.377587E-05,0,3.84697E-05,0,3.051045E-05,0,2.785737E-05,0,8.091903E-05,0,6.500053E-05,0,8.357211E-
05,0,1.569299E-03,
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1,0.1500013,1,0.1500199,1,0.1500358,1,0.1500332,1,0.1500252,1,0.1500226,1,0.1500677,1,0.1500544,1,0.1500703,1,0.1513332,
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1,0.2500013,1,0.2500173,1,0.2500332,1,0.2500279,1,0.2500226,1,0.2500199,1,0.2500597,1,0.2500491,1,0.2500623,1,0.2511767,
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Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.8950666,0,0.8230752,0,0.4824353,0,0.4706927,0,0.4103059,0,0.3778242,0,0.5152592,0,0.4744813,0,0.4931325,0,0.4949552,
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Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

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987,
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0.03,0.9995901,0,0.7499987,0.03,0.9925966,0.03,0.9913629,0.96,0.9755054,0.97,0.9716691,0,0.7499987,0.02,0.9971599,0,0.7499987,0,0.7499
987,
0.03,0.9996724,0,0.7999987,0.03,0.994077,0.03,0.99309,0.96,0.980403,0.97,0.977336,0,0.7999987,0.02,0.9977276,0,0.7999987,0,0.7999987,
0.03,0.9997546,0,0.8499987,0.03,0.9955574,0.03,0.9948172,0.96,0.9853032,0.98,0.9830004,0,0.8499987,0.02,0.9982954,0,0.8499987,0,0.8499
987,
0.03,0.9998342,0,0.8999987,0.03,0.9970378,0.03,0.9965444,0.97,0.9902008,0.98,0.9886674,0,0.8999987,0.02,0.9988632,0,0.8999987,0,0.8999
987,
0.03,0.9999164,0,0.9499987,0.03,0.9985182,0.03,0.9982715,0.97,0.9951011,0.98,0.9943317,0,0.9499987,0.02,0.9994309,0,0.9499987,0,0.9499
987,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999
987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,3.316353E-05,0,9.153136E-05,0,1.605115E-04,0,1.605115E-04,0,1.021437E-04,0,8.091903E-05,0,9.467526E-03,0,6.313011E-03,0,1.254776E-
02,0,1.482675E-02,
0.99,0.1000305,0.03,0.1000836,0.04,0.1001446,0.03,0.1001446,0.03,0.1000915,0.03,0.100073,0.02,0.1085204,0.02,0.1056816,0.01,0.1112928,
0.01,0.1133437,
0.99,0.1500279,0.03,0.1500783,0.04,0.1501366,0.04,0.1501366,0.04,0.1500862,0.99,0.1500677,0.02,0.1580481,0.02,0.1553659,0.02,0.1606641
,0.01,0.1626035,
0.99,0.2000252,0.99,0.200073,0.05,0.2001287,0.04,0.2001287,0.99,0.2000809,0.99,0.200065,0.02,0.2075732,0.02,0.2050501,0.02,0.2100379,0
.02,0.2118606,
0.99,0.2500252,1,0.2500677,0.99,0.2501207,0.99,0.2501207,0.99,0.2500756,0.99,0.2500597,0.02,0.257101,0.99,0.2547344,0.02,0.2594118,0.0
2,0.2611204,
0.99,0.3000225,1,0.3000624,0.99,0.3001128,0.99,0.3001128,0.99,0.3000703,0.99,0.3000571,0.99,0.3066261,1,0.3044187,1,0.308783,1,0.31037
75,
0.99,0.3500199,1,0.3500597,0.99,0.3501048,0.99,0.3501048,0.99,0.350065,0.99,0.3500517,1,0.3561538,1,0.354103,1,0.3581542,1,0.3596373,
0.99,0.4000199,1,0.4000544,0.99,0.4000968,0.99,0.4000968,0.99,0.4000597,0.99,0.4000491,1,0.4056789,1,0.4037873,1,0.4075281,1,0.4088944
,
0.99,0.4500172,1,0.4500491,0.99,0.4500889,0.99,0.4500889,0.99,0.4500544,0.99,0.4500438,1,0.4552067,1,0.4534716,1,0.456902,1,0.4581543,

0.99,0.5000146,1,0.5000464,0.99,0.5000783,0.99,0.5000783,0.99,0.5000517,0.99,0.5000411,1,0.5047318,1,0.5031558,1,0.5062732,1,0.5074114
,
1,0.5500146,1,0.5500411,0.99,0.5500703,0.99,0.5500703,0.99,0.5500464,0.99,0.5500358,1,0.5542595,1,0.5528401,1,0.5556445,1,0.5566712,
1,0.6000119,1,0.6000358,0.99,0.6000624,0.99,0.6000624,0.99,0.6000412,0.99,0.6000305,1,0.6037873,1,0.6025244,1,0.6050183,1,0.605931,
1,0.650012,1,0.6500305,0.99,0.6500544,1,0.6500544,0.99,0.6500358,0.99,0.6500279,1,0.6533124,1,0.6522087,1,0.6543922,1,0.6551881,
1,0.7000093,1,0.7000252,1,0.7000464,1,0.7000464,1,0.7000305,1,0.7000226,1,0.7028401,1,0.701893,1,0.7037634,1,0.7044479,
1,0.7500066,1,0.7500225,1,0.7500384,1,0.7500384,1,0.7500252,1,0.7500199,1,0.7523652,1,0.7515773,1,0.7531346,1,0.753705,
1,0.8000066,1,0.8000172,1,0.8000305,1,0.8000305,1,0.8000199,1,0.8000146,1,0.801893,1,0.8012615,1,0.8025085,1,0.8029648,
1,0.850004,1,0.8500119,1,0.8500226,1,0.8500226,1,0.8500146,1,0.8500119,1,0.8514181,1,0.8509458,1,0.8518823,1,0.852222,
1,0.9000013,1,0.9000093,1,0.9000146,1,0.9000146,1,0.9000093,1,0.9000067,1,0.9009458,1,0.9006301,1,0.9012536,1,0.9014817,
1,0.9500013,1,0.950004,1,0.9500066,1,0.9500066,1,0.950004,1,0.950004,1,0.9504709,1,0.9503144,1,0.9506248,1,0.9507389,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9909676,0,0.983401,0,0.9253595,0,0.9201223,0,0.8988711,0,0.8857039,0,0.9329314,0,0.921685,0,0.9284663,0,0.9287926,
0.93,0.9918696,0.93,0.9850618,0.1,0.9328226,0.09,0.9281107,0.07,0.9089847,0.06,0.8971334,0.95,0.9396384,0.96,0.9295169,0.96,0.9356189,
0.97,0.9359134,
0.93,0.9923233,0.94,0.9858896,0.93,0.9365555,0.94,0.9321036,0.95,0.9140415,0.96,0.9028481,0.96,0.9429919,0.96,0.9334328,0.96,0.9391953
,0.97,0.9394739,
0.93,0.9927743,0.94,0.98672,0.93,0.9402884,0.94,0.9360965,0.96,0.9190956,0.96,0.9085628,0.96,0.9463454,0.96,0.9373488,0.96,0.9427717,0
.97,0.9430344,
0.93,0.9932253,0.94,0.9875504,0.94,0.9440186,0.94,0.9400921,0.96,0.9241523,0.96,0.9142776,0.96,0.9496989,0.96,0.9412647,0.96,0.946348,
0.97,0.9465948,
0.93,0.9936764,0.94,0.9883808,0.94,0.9477515,0.95,0.9440849,0.96,0.9292091,0.96,0.9199923,0.96,0.9530524,0.96,0.945178,0.97,0.949927,0
.97,0.9501552,
0.93,0.9941274,0.94,0.9892113,0.94,0.9514844,0.95,0.9480779,0.96,0.9342659,0.96,0.925707,0.96,0.9564059,0.96,0.949094,0.97,0.9535034,0
.97,0.9537156,
0.93,0.9945811,0.95,0.990039,0.95,0.9552146,0.95,0.9520734,0.96,0.9393227,0.97,0.9314218,0.97,0.9597594,0.97,0.9530099,0.97,0.9570798,
0.97,0.9572761,
0.95,0.9950321,0.95,0.9908694,0.95,0.9589475,0.96,0.9560663,0.97,0.9443794,0.97,0.9371365,0.97,0.9631129,0.97,0.9569259,0.97,0.9606561
,0.98,0.9608365,
0.95,0.9954831,0.95,0.9916998,0.95,0.9626804,0.96,0.9600592,0.97,0.9494362,0.97,0.9428512,0.97,0.9664637,0.97,0.9608418,0.97,0.9642324
,0.98,0.9643943,
0.95,0.9959341,0.96,0.9925302,0.95,0.9664106,0.96,0.9640547,0.97,0.9544904,0.97,0.948566,0.97,0.9698172,0.97,0.9647578,0.97,0.9678088,
0.98,0.9679548,
0.95,0.9963852,0.96,0.9933606,0.96,0.9701436,0.96,0.9680476,0.97,0.9595471,0.97,0.9542807,0.97,0.9731707,0.97,0.9686737,0.98,0.9713852
,0.98,0.9715152,
0.95,0.9968389,0.96,0.9941884,0.96,0.9738738,0.96,0.9720432,0.97,0.9646039,0.98,0.9599955,0.97,0.9765242,0.97,0.9725897,0.98,0.9749615
,0.98,0.9750756,
0.95,0.9972899,0.96,0.9950188,0.96,0.9776067,0.96,0.976036,0.97,0.9696607,0.98,0.9657102,0.97,0.9798777,0.98,0.9765056,0.98,0.9785379,
0.98,0.978636,
0.96,0.9977409,0.96,0.9958493,0.96,0.9813395,0.96,0.9800289,0.97,0.9747174,0.98,0.971425,0.97,0.9832312,0.98,0.9804189,0.98,0.9821169,
0.98,0.9821965,

0.96,0.998192,0.96,0.9966797,0.96,0.9850698,0.97,0.9840245,0.97,0.9797742,0.98,0.9771397,0.97,0.9865847,0.98,0.9843349,0.98,0.9856933,
0.98,0.9857569,
0.97,0.9986429,0.97,0.9975101,0.97,0.9888027,0.97,0.9880174,0.98,0.9848284,0.98,0.9828544,0.98,0.9899382,0.98,0.9882509,0.98,0.9892696
,0.98,0.9893174,
0.97,0.9990966,0.97,0.9983379,0.97,0.9925355,0.98,0.9920102,0.98,0.9898851,0.98,0.9885692,0.98,0.9932917,0.98,0.9921668,0.98,0.992846,
0.99,0.9928778,
0.97,0.9995477,0.98,0.9991683,0.98,0.9962658,0.98,0.9960058,0.98,0.9949419,0.99,0.9942839,0.98,0.9966452,0.99,0.9960827,0.99,0.9964223
,0.99,0.9964383,
0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
0,0,1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,
0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,
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0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,
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0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,
0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,
0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,
0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,
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0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,
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0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,
0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,3.316353E-05,0,1.631646E-04,0,0.3727038,0,0.8794638,0,0.8889167,0,0
0.57,0.1000305,0.04,0.1001472,0.24,0.4354332,0.12,0.8915167,0.01,0.9000252,0,9.999868E-02
1,0.1500279,0.16,0.1501393,0.37,0.466798,0.14,0.8975446,0.01,0.9055781,0,0.1499987

1,0.2000252,0.29,0.2001313,0.63,0.4981627,0.23,0.9035697,0.01,0.9111336,0,0.1999987
1,0.2500252,0.55,0.2501207,0.89,0.5295275,0.23,0.9095975,0.01,0.9166866,0,0.2499987
1,0.3000225,0.75,0.3001128,0.95,0.5608922,0.27,0.9156253,0.01,0.9222421,0,0.2999987
1,0.3500199,0.99,0.3501048,0.95,0.592257,0.38,0.9216505,0.01,0.9277951,0,0.3499987
1,0.4000199,0.99,0.4000968,0.95,0.6236217,0.45,0.9276783,0.01,0.9333506,0,0.3999987
1,0.4500172,1,0.4500889,0.95,0.6549864,0.54,0.9337034,0.09,0.9389035,0,0.4499987
1,0.5000146,1,0.5000809,0.95,0.6863512,0.67,0.9397312,0.12,0.944459,0,0.4999987
1,0.5500146,1,0.550073,0.95,0.717716,0.75,0.9457591,0.13,0.950012,0,0.5499987
1,0.6000119,1,0.600065,0.95,0.7490807,0.83,0.9517842,0.13,0.9555649,0,0.5999987
1,0.650012,1,0.650057,0.95,0.7804455,0.9,0.957812,0.15,0.9611204,0,0.6499987
1,0.7000093,1,0.7000491,0.96,0.8118102,0.92,0.9638371,0.22,0.9666733,0,0.6999987
1,0.7500066,1,0.7500411,0.98,0.8431749,0.93,0.969865,0.23,0.9722289,0,0.7499987
1,0.8000066,1,0.8000305,0.98,0.8745397,0.93,0.9758928,0.23,0.9777818,0,0.7999987
1,0.850004,1,0.8500226,0.99,0.9059044,0.93,0.9819179,0.23,0.9833373,0,0.8499987
1,0.9000013,1,0.9000146,0.99,0.9372692,0.94,0.9879457,0.23,0.9888902,0,0.8999987
1,0.9500013,1,0.9500066,1,0.9686339,0.95,0.9939709,0.24,0.9944458,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.98,0.9999987,0.3,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99761, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,0.3082874, %
Acceptable Depth in Reach,1,8.709517, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,5.120436E-02, %
Optimum Velocity in Reach,2,99.99416, %
Acceptable Velocity in Reach,2,99.99814, %
Optimum Depth in Reach,2,0.7457796, %
Acceptable Depth in Reach,2,17.12693, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.99098, %
Acceptable Velocity in Reach,3,99.99655, %
Optimum Depth in Reach,3,5.37805, %
Acceptable Depth in Reach,3,53.04348, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,2.047909, %
Optimum Velocity in Reach,4,99.9923, %
Acceptable Velocity in Reach,4,99.99734, %
Optimum Depth in Reach,4,5.684481, %
Acceptable Depth in Reach,4,54.02034, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,2.375829, %

Optimum Velocity in Reach,5,99.99336, %
Acceptable Velocity in Reach,5,99.99841, %
Optimum Depth in Reach,5,7.787838, %
Acceptable Depth in Reach,5,60.38374, %
Optimum Depth & Velocity in Reach,5,3.873491E-02, %
Acceptable Depth & Velocity in Reach,5,7.656246, %
Optimum Velocity in Reach,6,99.99496, %
Acceptable Velocity in Reach,6,99.99841, %
Optimum Depth in Reach,6,9.086254, %
Acceptable Depth in Reach,6,63.55364, %
Optimum Depth & Velocity in Reach,6,2.225135, %
Acceptable Depth & Velocity in Reach,6,9.056274, %
Optimum Velocity in Reach,7,99.98276, %
Acceptable Velocity in Reach,7,99.99443, %
Optimum Depth in Reach,7,4.359269, %
Acceptable Depth in Reach,7,48.88663, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.98806, %
Acceptable Velocity in Reach,8,99.99576, %
Optimum Depth in Reach,8,5.332152, %
Acceptable Depth in Reach,8,53.00182, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0.7930044, %
Optimum Velocity in Reach,9,99.98222, %
Acceptable Velocity in Reach,9,99.9947, %
Optimum Depth in Reach,9,4.760149, %
Acceptable Depth in Reach,9,50.63422, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.98222, %
Acceptable Velocity in Reach,10,99.99522, %
Optimum Depth in Reach,10,4.616883, %
Acceptable Depth in Reach,10,49.83803, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.98987, %
Acceptable Velocity in Stream,99.99684, %
Optimum Depth in Stream,4.805914, %
Acceptable Depth in Stream,45.91984, %
Optimum Depth & Velocity in Stream,0.226387, %
Acceptable Depth & Velocity in Stream,2.198047, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99628, %

```
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,0.903107, %
Acceptable Depth in Reach,1,10.49318, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0.1634295, %
Optimum Velocity in Reach,2,99.99045, %
Acceptable Velocity in Reach,2,99.99734, %
Optimum Depth in Reach,2,1.659764, %
Acceptable Depth in Reach,2,17.6923, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.98355, %
Acceptable Velocity in Reach,3,99.99522, %
Optimum Depth in Reach,3,7.463899, %
Acceptable Depth in Reach,3,51.7562, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,2.961098, %
Optimum Velocity in Reach,4,99.98355, %
Acceptable Velocity in Reach,4,99.99576, %
Optimum Depth in Reach,4,7.987616, %
Acceptable Depth in Reach,4,52.93046, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,3.454305, %
Optimum Velocity in Reach,5,99.98939, %
Acceptable Velocity in Reach,5,99.99655, %
Optimum Depth in Reach,5,10.11273, %
Acceptable Depth in Reach,5,58.96912, %
Optimum Depth & Velocity in Reach,5,9.763319E-02, %
Acceptable Depth & Velocity in Reach,5,9.797278, %
Optimum Velocity in Reach,6,99.99152, %
Acceptable Velocity in Reach,6,99.99682, %
Optimum Depth in Reach,6,11.42945, %
Acceptable Depth in Reach,6,62.21729, %
Optimum Depth & Velocity in Reach,6,2.821016, %
Acceptable Depth & Velocity in Reach,6,11.33182, %
Optimum Velocity in Reach,7,99.95729, %
Acceptable Velocity in Reach,7,99.99152, %
Optimum Depth in Reach,7,6.70671, %
Acceptable Depth in Reach,7,48.47382, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.97267, %
Acceptable Velocity in Reach,8,99.9931, %
Optimum Depth in Reach,8,7.831349, %
Acceptable Depth in Reach,8,52.5516, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,1.135251, %
```

```
Optimum Velocity in Reach,9,99.961, %
Acceptable Velocity in Reach,9,99.99124, %
Optimum Depth in Reach,9,7.153224, %
Acceptable Depth in Reach,9,50.68649, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.95835, %
Acceptable Velocity in Reach,10,99.99152, %
Optimum Depth in Reach,10,7.12059, %
Acceptable Depth in Reach,10,50.50422, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.97841, %
Acceptable Velocity in Stream,99.99485, %
Optimum Depth in Stream,6.836843, %
Acceptable Depth in Stream,45.62747, %
Optimum Depth & Velocity in Stream,0.2918649, %
Acceptable Depth & Velocity in Stream,2.884318, %
```

Stream Health Run 17

Run Date,6/11/2002
Run Time,8:30:22 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityClusterRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Fantail Darter.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8526,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,2.569206,Index,1
90-10 Range ,96.1696,Index,3
Number of Storms 3x Median,10740,Index,5
Number of High Flow Events,840,Index,1
High Flow Duration (hrs) ,36024,Index,1
Number of Low Flow Events ,90,Index,1
Low Flow Duration (hrs) ,12538,Index,1
Overall Index,1.777778
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,2.785737E-05,0,4.377587E-05,0,3.316353E-05,0,2.785737E-05,0,1.459196E-05,0,5.969436E-05,0,5.43882E-05,0,7.786799E-04,0,1.489706E-03,
1,0.1000013,1,0.1000252,1,0.1000385,1,0.1000305,1,0.1000252,1,0.1000119,0.03,0.1000544,1,0.1000491,0.03,0.1007017,0.03,0.1013411,
1,0.1500013,1,0.1500226,1,0.1500358,1,0.1500279,1,0.1500226,1,0.1500119,1,0.1500517,1,0.1500464,1,0.1506619,1,0.1512668,
1,0.2000013,1,0.2000225,1,0.2000358,1,0.2000252,1,0.2000225,1,0.2000119,1,0.2000464,1,0.2000438,1,0.2006221,1,0.2011926,
1,0.2500013,1,0.2500199,1,0.2500332,1,0.2500252,1,0.2500199,1,0.2500093,1,0.2500438,1,0.2500411,1,0.2505823,1,0.2511183,
1,0.3000013,1,0.3000199,1,0.3000305,1,0.3000225,1,0.3000199,1,0.3000093,1,0.3000411,1,0.3000385,1,0.3005452,1,0.3010413,

1,0.3500013,1,0.3500172,1,0.3500279,1,0.3500199,1,0.3500172,1,0.3500093,1,0.3500385,1,0.3500358,1,0.3505054,1,0.350967,
1,0.4000013,1,0.4000172,1,0.4000252,1,0.4000199,1,0.4000172,1,0.4000093,1,0.4000358,1,0.4000332,1,0.4004656,1,0.4008928,
1,0.4500013,1,0.4500146,1,0.4500225,1,0.4500172,1,0.4500146,1,0.4500066,1,0.4500332,1,0.4500305,1,0.4504285,1,0.4508185,
1,0.4999987,1,0.5000146,1,0.5000199,1,0.5000146,1,0.5000146,1,0.5000066,1,0.5000305,1,0.5000252,1,0.5003887,1,0.5007442,
1,0.5499987,1,0.5500119,1,0.5500199,1,0.5500146,1,0.5500119,1,0.5500066,1,0.5500252,1,0.5500225,1,0.5503489,1,0.5506699,
1,0.5999987,1,0.6000093,1,0.6000172,1,0.6000119,1,0.6000093,1,0.600004,1,0.6000226,1,0.6000199,1,0.6003118,1,0.6005956,
1,0.6499987,1,0.6500093,1,0.6500146,1,0.650012,1,0.6500093,1,0.650004,1,0.6500199,1,0.6500173,1,0.650272,1,0.6505213,
1,0.6999987,1,0.7000066,1,0.700012,1,0.7000093,1,0.7000066,1,0.700004,1,0.7000173,1,0.7000146,1,0.7002321,1,0.700447,
1,0.7499987,1,0.7500066,1,0.7500093,1,0.7500066,1,0.7500066,1,0.750004,1,0.7500146,1,0.7500119,1,0.750195,1,0.7503701,
1,0.7999987,1,0.800004,1,0.8000066,1,0.8000066,1,0.800004,1,0.8000013,1,0.8000119,1,0.8000093,1,0.8001552,1,0.8002958,
1,0.8499987,1,0.850004,1,0.8500066,1,0.850004,1,0.850004,1,0.8500013,1,0.8500066,1,0.8500066,1,0.8501154,1,0.8502215,
1,0.8999987,1,0.9000013,1,0.900004,1,0.9000013,1,0.9000013,1,0.9000013,1,0.900004,1,0.900004,1,0.9000756,1,0.9001473,
1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500385,1,0.9500729,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9130014,0,0.8288854,0,0.4704805,0,0.4608392,0,0.397664,0,0.3663682,0,0.5118685,0,0.4709474,0,0.4944935,0,0.5024501,
0.97,0.9217009,0.97,0.8459978,0.06,0.5234333,0.04,0.5147551,0.03,0.4578969,0.03,0.4297318,0.04,0.5606827,0.03,0.5238525,0.03,0.5450427
,0.03,0.552206,
0.97,0.926052,0.98,0.8545514,0.97,0.5499085,0.98,0.5417131,0.98,0.4880147,0.03,0.4614122,0.98,0.5850884,0.98,0.5503064,0.99,0.5703186,
0.99,0.5770813,
0.97,0.9304004,0.98,0.8631076,0.97,0.5763836,0.98,0.568671,0.98,0.5181298,0.98,0.4930953,0.98,0.609494,0.99,0.5767577,0.99,0.5955946,0
.99,0.6019593,
0.97,0.9347514,0.98,0.8716637,0.98,0.6028587,0.98,0.595629,0.98,0.5482476,0.99,0.5247758,0.98,0.6338997,0.99,0.6032089,0.99,0.6208705,
0.99,0.6268373,
0.97,0.9390998,0.98,0.8802199,0.98,0.6293365,0.98,0.622587,0.99,0.5783654,0.99,0.5564563,0.99,0.6583081,0.99,0.6296628,0.99,0.6461464,
0.99,0.6517152,
0.97,0.9434509,0.98,0.8887761,0.98,0.6558116,0.98,0.649545,0.99,0.6084806,0.99,0.5881394,0.99,0.6827139,0.99,0.6561167,0.99,0.6714197,
0.99,0.6765932,
0.98,0.9477993,0.98,0.8973297,0.98,0.6822867,0.98,0.6765029,0.99,0.6385984,0.99,0.6198199,0.99,0.7071195,0.99,0.6825679,0.99,0.6966956
,0.99,0.7014685,
0.98,0.9521503,0.98,0.9058859,0.98,0.7087644,0.98,0.7034609,0.99,0.6687135,0.99,0.651503,0.99,0.7315279,0.99,0.7090192,0.99,0.7219715,
0.99,0.7263464,
0.98,0.9564987,0.98,0.9144421,0.98,0.7352396,0.98,0.7304189,0.99,0.6988313,0.99,0.6831834,0.99,0.7559336,0.99,0.735473,0.99,0.7472448,
0.99,0.7512244,
0.98,0.9608498,0.98,0.9229982,0.98,0.7617147,0.99,0.7573769,0.99,0.7289491,0.99,0.7148639,0.99,0.7803393,0.99,0.7619269,0.99,0.7725207
,0.99,0.7761024,
0.98,0.9652008,0.98,0.9315544,0.98,0.7881925,0.99,0.7843349,0.99,0.7590643,0.99,0.746547,0.99,0.8047477,0.99,0.7883782,0.99,0.7977966,
0.99,0.8009803,
0.98,0.9695492,0.98,0.940108,0.98,0.8146676,0.99,0.8112928,0.99,0.7891821,0.99,0.7782274,0.99,0.8291534,0.99,0.8148294,0.99,0.8230726,
0.99,0.8258556,
0.98,0.9739003,0.98,0.9486642,0.99,0.8411427,0.99,0.8382508,0.99,0.8192972,0.99,0.8099106,0.99,0.8535591,0.99,0.8412833,0.99,0.8483484
,0.99,0.8507336,

0.98,0.9782487,0.98,0.9572204,0.99,0.8676205,0.99,0.8652088,0.99,0.849415,0.99,0.8415911,0.99,0.8779675,0.99,0.8677372,0.99,0.8736217,
0.99,0.8756115,
0.98,0.9825997,0.99,0.9657766,0.99,0.8940955,0.99,0.8921668,0.99,0.8795328,0.99,0.8732715,0.99,0.9023732,0.99,0.8941884,0.99,0.8988976
,0.99,0.9004895,
0.99,0.9869481,0.99,0.9743327,0.99,0.9205707,0.99,0.9191247,0.99,0.9096479,0.99,0.9049546,0.99,0.9267789,0.99,0.9206396,0.99,0.9241736
,0.99,0.9253675,
0.99,0.9912992,0.99,0.9828863,0.99,0.9470458,0.99,0.9460827,0.99,0.9397658,0.99,0.9366351,0.99,0.9511846,0.99,0.9470935,0.99,0.9494469
,0.99,0.9502428,
0.99,0.9956476,0.99,0.9914425,0.99,0.9735236,0.99,0.9730407,0.99,0.9698809,0.99,0.9683182,0.99,0.975593,0.99,0.9735475,0.99,0.9747227,
1,0.9751207,
0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9523785,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7159013,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9571407,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7443104,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.02,0.9729611,0.02,0.9595206,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.7585151,0.01,0.7242505,0.01,0.7447005,
0.01,0.7517259,
0.02,0.9745529,0.02,0.961903,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.01,0.7727197,0.01,0.7404688,0.01,0.7597196,0.
01,0.7663311,
0.02,0.9761422,0.02,0.9642829,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.01,0.7869243,0.02,0.7566897,0.01,0.774736,
0.01,0.7809336,
0.02,0.977734,0.02,0.9666653,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.01,0.8011315,0.98,0.7729107,0.01,0.7897525,
0.01,0.7955388,
0.02,0.9793232,0.02,0.9690452,0.96,0.7861947,0.97,0.780135,0.98,0.74036,0.02,0.7203956,0.02,0.8153362,0.98,0.7891316,0.02,0.8047715,0.
02,0.8101441,
0.02,0.9809151,0.02,0.9714276,0.96,0.8026412,0.97,0.7970484,0.98,0.7603324,0.98,0.7419015,0.03,0.8295407,0.98,0.8053526,0.98,0.819788,
0.02,0.8247466,
0.03,0.9825042,0.02,0.9738075,0.97,0.8190876,0.97,0.8139592,0.98,0.7803048,0.98,0.76341,0.98,0.8437454,0.98,0.8215736,0.98,0.8348071,0
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0.05,0.9840961,0.02,0.9761899,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.85795,0.98,0.8377945,0.98,0.8498236,0.
98,0.8539571,
0.96,0.9856853,0.02,0.9785697,0.97,0.8519805,0.97,0.847786,0.98,0.8202497,0.98,0.8064271,0.98,0.8721546,0.98,0.8540128,0.98,0.86484,0.
98,0.8685597,
0.96,0.9872745,0.02,0.9809495,0.97,0.868427,0.98,0.8646967,0.98,0.8402221,0.98,0.8279356,0.98,0.8863592,0.98,0.8702337,0.98,0.8798591,
0.98,0.8831649,
0.96,0.9888663,0.02,0.983332,0.97,0.8848734,0.98,0.8816102,0.98,0.8601944,0.98,0.8494415,0.98,0.9005638,0.98,0.8864547,0.98,0.8948756,
0.98,0.8977674,
0.96,0.9904555,0.02,0.9857118,0.97,0.9013199,0.98,0.8985236,0.98,0.8801669,0.99,0.87095,0.98,0.9147684,0.99,0.9026756,0.99,0.9098946,0
.99,0.9123726,
0.96,0.9920474,0.02,0.9880943,0.98,0.9177664,0.98,0.9154343,0.98,0.9001366,0.99,0.8924586,0.98,0.9289756,0.99,0.9188966,0.99,0.9249111
,0.99,0.9269779,

0.96,0.9936366,0.02,0.9904741,0.98,0.9342128,0.98,0.9323477,0.98,0.920109,0.99,0.9139671,0.98,0.9431803,0.99,0.9351175,0.99,0.9399276,
0.99,0.9415804,
0.96,0.9952284,0.04,0.9928566,0.98,0.9506593,0.98,0.9492611,0.98,0.9400815,0.99,0.9354757,0.99,0.9573849,0.99,0.9513358,0.99,0.9549467
,0.99,0.9561856,
0.98,0.9968176,0.04,0.9952364,0.98,0.9671057,0.98,0.9661745,0.98,0.9600539,0.99,0.9569816,0.99,0.9715894,0.99,0.9675568,0.99,0.9699631
,0.99,0.9707909,
0.98,0.9984095,0.97,0.9976189,0.98,0.9835522,0.98,0.9830853,0.99,0.9800262,0.99,0.9784901,0.99,0.9857941,0.99,0.9837777,0.99,0.9849823
,0.99,0.9853935,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.392869E-04,0,5.425555E-04,0,1.715218E-03,0,0.1631871,0,0.2125265,0,0.2308859,0,5.766476E-03,0,4.079115E-03,0,7.374244E-
03,0,8.249762E-03,
0.98,0.100126,0.02,0.1004868,0.03,0.1015428,0.03,0.246868,0.03,0.2912727,0.03,0.3077961,0.02,0.1051908,0.02,0.1036705,0.01,0.1066367,0
.01,0.1074247,
0.98,0.1501181,0.02,0.1504603,0.03,0.1514579,0.03,0.2887098,0.03,0.3306471,0.04,0.3462525,0.02,0.1549016,0.02,0.1534663,0.01,0.1562679
,0.01,0.1570134,
0.99,0.2001101,0.99,0.2004338,0.03,0.201373,0.03,0.3305489,0.04,0.3700215,0.98,0.384709,0.02,0.2046124,0.02,0.203262,0.01,0.2058991,0.
01,0.2065995,
0.99,0.2501048,0.99,0.2504072,0.98,0.2512854,0.04,0.3723907,0.98,0.4093959,0.99,0.4231654,0.02,0.2543232,0.03,0.2530603,0.02,0.2555304
,0.02,0.2561857,
0.99,0.3000968,0.99,0.3003807,0.98,0.3012005,0.98,0.4142298,0.99,0.4487676,0.99,0.4616192,0.02,0.3040367,0.99,0.3028561,0.02,0.3051616
,0.02,0.3057744,
0.99,0.3500889,0.99,0.3503515,0.98,0.3511156,0.99,0.4560716,0.99,0.488142,0.99,0.5000756,0.99,0.3537475,0.99,0.3526517,0.99,0.3547928,
0.99,0.3553632,
0.99,0.4000836,0.99,0.400325,0.99,0.4010281,0.99,0.4979107,0.99,0.5275164,0.99,0.5385321,0.99,0.4034583,0.99,0.4024475,0.99,0.404424,0
.99,0.4049493,
0.99,0.4500756,0.99,0.4502985,0.99,0.4509432,0.99,0.5397525,0.99,0.5668882,0.99,0.5769858,0.99,0.4531718,0.99,0.4522432,0.99,0.4540552
,0.99,0.4545355,
0.99,0.5000677,0.99,0.5002693,0.99,0.5008582,0.99,0.5815916,0.99,0.6062626,0.99,0.6154423,0.99,0.5028826,0.99,0.5020389,0.99,0.5036865
,1,0.5041242,
0.99,0.5500624,0.99,0.5502428,0.99,0.5507707,0.99,0.6234334,0.99,0.645637,0.99,0.6538987,0.99,0.5525934,0.99,0.5518346,0.99,0.5533177,
1,0.553713,
0.99,0.6000544,0.99,0.6002162,0.99,0.6006858,0.99,0.6652751,0.99,0.6850088,0.99,0.6923525,0.99,0.6023068,0.99,0.6016303,1,0.6029489,1,
0.6032991,
0.99,0.6500491,0.99,0.6501897,0.99,0.6505983,0.99,0.7071142,0.99,0.7243832,0.99,0.7308089,0.99,0.6520177,0.99,0.651426,1,0.6525801,1,0
.6528852,
0.99,0.7000411,0.99,0.7001632,0.99,0.7005134,0.99,0.748956,0.99,0.7637576,0.99,0.7692654,1,0.7017285,1,0.7012218,1,0.7022113,1,0.70247
4,
0.99,0.7500331,0.99,0.750134,0.99,0.7504285,0.99,0.7907951,0.99,0.8031293,0.99,0.8077192,1,0.751442,1,0.7510175,1,0.7518426,1,0.752062
8,
1,0.8000278,1,0.8001075,0.99,0.800341,0.99,0.8326369,0.99,0.8425037,0.99,0.8461756,1,0.8011528,1,0.8008158,1,0.8014738,1,0.8016489,

1,0.8500199,1,0.8500809,0.99,0.850256,0.99,0.874476,0.99,0.8818781,0.99,0.884632,1,0.8508636,1,0.8506115,1,0.851105,1,0.851235,
1,0.900012,1,0.9000517,0.99,0.9001711,0.99,0.9163178,0.99,0.9212525,0.99,0.9230884,1,0.9005744,1,0.9004073,1,0.9007362,1,0.9008238,
1,0.9500066,1,0.9500252,0.99,0.9500836,0.99,0.9581569,0.99,0.9606243,0.99,0.9615422,1,0.9502879,1,0.9502029,1,0.9503675,1,0.9504126,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9322283,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7153707,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9390043,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7438329,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.04,0.9729611,0.02,0.9423949,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.758064,0.01,0.7242505,0.01,0.7447005,0
.01,0.7517259,
0.96,0.9745529,0.04,0.9457829,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.02,0.7722952,0.01,0.7404688,0.01,0.7597196,0
.01,0.7663311,
0.96,0.9761422,0.97,0.9491709,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.03,0.7865263,0.02,0.7566897,0.02,0.774736,
0.02,0.7809336,
0.96,0.977734,0.97,0.9525589,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.98,0.8007601,0.98,0.7729107,0.98,0.7897525,
0.98,0.7955388,
0.96,0.9793232,0.97,0.9559469,0.96,0.7861947,0.97,0.780135,0.98,0.74036,0.02,0.7203956,0.98,0.8149912,0.98,0.7891316,0.98,0.8047715,0.
98,0.8101441,
0.96,0.9809151,0.97,0.9593375,0.96,0.8026412,0.97,0.7970484,0.98,0.7603324,0.98,0.7419015,0.98,0.8292224,0.98,0.8053526,0.98,0.819788,
0.98,0.8247466,
0.96,0.9825042,0.97,0.9627255,0.97,0.8190876,0.97,0.8139592,0.98,0.7803048,0.98,0.76341,0.98,0.8434535,0.98,0.8215736,0.98,0.8348071,0
.98,0.8393518,
0.96,0.9840961,0.97,0.9661135,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.8576847,0.98,0.8377945,0.98,0.8498236,
0.98,0.8539571,
0.96,0.9856853,0.97,0.9695015,0.97,0.8519805,0.97,0.847786,0.98,0.8202497,0.98,0.8064271,0.98,0.8719158,0.98,0.8540128,0.98,0.86484,0.
98,0.8685597,
0.97,0.9872745,0.97,0.9728895,0.97,0.868427,0.98,0.8646967,0.98,0.8402221,0.98,0.8279356,0.98,0.8861469,0.98,0.8702337,0.99,0.8798591,
0.99,0.8831649,
0.97,0.9888663,0.98,0.9762801,0.97,0.8848734,0.98,0.8816102,0.98,0.8601944,0.98,0.8494415,0.98,0.900378,0.98,0.8864547,0.99,0.8948756,
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0.97,0.9904555,0.98,0.9796681,0.97,0.9013199,0.98,0.8985236,0.98,0.8801669,0.99,0.87095,0.98,0.9146092,0.99,0.9026756,0.99,0.9098946,0
.99,0.9123726,
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0.99,0.9269779,
0.97,0.9936366,0.98,0.9864441,0.98,0.9342128,0.98,0.9323477,0.98,0.920109,0.99,0.9139671,0.98,0.9430741,0.99,0.9351175,0.99,0.9399276,
0.99,0.9415804,
0.98,0.9952284,0.98,0.989832,0.98,0.9506593,0.98,0.9492611,0.98,0.9400815,0.99,0.9354757,0.99,0.9573053,0.99,0.9513358,0.99,0.9549467,
0.99,0.9561856,
0.98,0.9968176,0.98,0.9932227,0.98,0.9671057,0.98,0.9661745,0.98,0.9600539,0.99,0.9569816,0.99,0.9715364,0.99,0.9675568,0.99,0.9699631
,0.99,0.9707909,
0.98,0.9984095,0.98,0.9966107,0.98,0.9835522,0.98,0.9830853,0.99,0.9800262,0.99,0.9784901,0.99,0.9857675,0.99,0.9837777,0.99,0.9849823
,0.99,0.9853935,

0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,
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0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,
0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,
0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,
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0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,
0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,
0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,
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0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
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0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,3.051045E-05,0,5.054123E-04,0,0.3636355,0,0.5571381,0,0.5575175,0,0
0.57,0.1000279,0.04,0.100455,0.13,0.4272724,0.04,0.6014234,0.01,0.6017656,0,9.999868E-02
1,0.1500252,0.16,0.1504285,0.24,0.4590908,0.05,0.623566,0.02,0.6238897,0,0.1499987
1,0.2000252,0.29,0.2004046,0.24,0.4909092,0.13,0.6457113,0.03,0.6460137,0,0.1999987
1,0.2500226,0.36,0.2503781,0.37,0.522725,0.13,0.6678539,0.13,0.6681378,0,0.2499987
1,0.3000199,0.56,0.3003542,0.52,0.5545434,0.23,0.6899965,0.14,0.6902618,0,0.2999987
1,0.3500199,0.66,0.3503277,0.76,0.5863618,0.23,0.7121392,0.23,0.7123859,0,0.3499987
1,0.4000172,0.66,0.4003038,0.85,0.6181803,0.23,0.7342818,0.23,0.73451,0,0.3999987
1,0.4500172,0.68,0.4502772,0.95,0.6499987,0.37,0.7564244,0.24,0.7566341,0,0.4499987
1,0.5000146,0.76,0.5002534,0.95,0.6818171,0.51,0.7785671,0.3,0.7787581,0,0.4999987
1,0.5500119,0.99,0.5502269,0.95,0.7136355,0.64,0.8007123,0.51,0.8008822,0,0.5499987

1,0.6000119,0.99,0.6002003,0.95,0.745454,0.72,0.822855,0.66,0.8230062,0,0.5999987
1,0.6500093,0.99,0.6501764,0.95,0.7772723,0.72,0.8449976,0.72,0.8451303,0,0.6499987
1,0.7000093,0.99,0.7001499,0.95,0.8090908,0.82,0.8671402,0.82,0.8672543,0,0.6999987
1,0.7500066,0.99,0.750126,0.95,0.8409092,0.94,0.8892829,0.94,0.8893784,0,0.7499987
1,0.800004,0.99,0.8000995,0.95,0.872725,0.94,0.9114255,0.94,0.9115024,0,0.7999987
1,0.850004,0.99,0.8500756,0.95,0.9045434,0.94,0.9335708,0.94,0.9336265,0,0.8499987
1,0.9000013,0.99,0.9000491,0.97,0.9363618,0.94,0.9557134,0.94,0.9557506,0,0.8999987
1,0.9500013,0.99,0.9500252,0.98,0.9681802,0.94,0.977856,0.94,0.9778746,0,0.9499987
1,0.9999987,1,0.9999987,0.99,0.9999987,0.95,0.9999987,0.95,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,3.979624E-06,0,4.642895E-05,0,6.765361E-05,0,4.908203E-05,0,3.84697E-05,0,3.051045E-05,0,1.021437E-04,0,8.887827E-05,0,1.863791E-
03,0,3.776663E-03,
1,0.100004,1,0.1000411,0.07,0.1000597,0.06,0.1000438,1,0.1000358,1,0.1000279,0.03,0.1000915,0.03,0.1000809,0.03,0.1016781,0.02,0.10339
99,
1,0.150004,1,0.1500385,1,0.150057,1,0.1500411,1,0.1500332,1,0.1500252,1,0.1500862,1,0.1500756,1,0.1515852,1,0.1532089,
1,0.200004,1,0.2000358,1,0.2000544,1,0.2000385,1,0.2000305,1,0.2000252,1,0.2000809,1,0.2000703,1,0.2014897,1,0.2030205,
1,0.250004,1,0.2500358,1,0.2500517,1,0.2500358,1,0.2500279,1,0.2500226,1,0.2500756,1,0.2500677,1,0.2513968,1,0.2528322,
1,0.3000013,1,0.3000332,1,0.3000464,1,0.3000332,1,0.3000252,1,0.3000199,1,0.3000703,1,0.3000624,1,0.301304,1,0.3026438,
1,0.3500013,1,0.3500305,1,0.3500438,1,0.3500305,1,0.3500252,1,0.3500199,1,0.350065,1,0.350057,1,0.3512111,1,0.3524554,
1,0.4000013,1,0.4000279,1,0.4000411,1,0.4000279,1,0.4000225,1,0.4000172,1,0.4000597,1,0.4000517,1,0.4011183,1,0.4022644,
1,0.4500013,1,0.4500252,1,0.4500358,1,0.4500252,1,0.4500199,1,0.4500172,1,0.4500544,1,0.4500491,1,0.4510254,1,0.452076,
1,0.5000013,1,0.5000225,1,0.5000331,1,0.5000252,1,0.5000199,1,0.5000146,1,0.5000517,1,0.5000437,1,0.5009326,1,0.5018877,
1,0.5500013,1,0.5500199,1,0.5500305,1,0.5500225,1,0.5500172,1,0.5500119,1,0.5500464,1,0.5500385,1,0.550837,1,0.5516993,
1,0.6000013,1,0.6000172,1,0.6000252,1,0.6000199,1,0.6000146,1,0.6000119,1,0.6000412,1,0.6000358,1,0.6007442,1,0.6015109,
1,0.6500013,1,0.6500146,1,0.6500226,1,0.6500173,1,0.650012,1,0.6500093,1,0.6500358,1,0.6500305,1,0.6506513,1,0.6513199,
1,0.7000013,1,0.700012,1,0.7000199,1,0.7000146,1,0.7000093,1,0.7000093,1,0.7000305,1,0.7000252,1,0.7005585,1,0.7011315,
1,0.7499987,1,0.7500093,1,0.7500146,1,0.7500119,1,0.7500093,1,0.7500066,1,0.7500252,1,0.7500199,1,0.7504656,1,0.7509432,
1,0.7999987,1,0.8000093,1,0.8000119,1,0.8000093,1,0.8000066,1,0.800004,1,0.8000199,1,0.8000172,1,0.8003728,1,0.8007548,
1,0.8499987,1,0.8500066,1,0.8500093,1,0.8500066,1,0.850004,1,0.850004,1,0.8500146,1,0.8500119,1,0.8502772,1,0.8505664,
1,0.8999987,1,0.900004,1,0.9000067,1,0.900004,1,0.900004,1,0.9000013,1,0.9000093,1,0.9000067,1,0.9001844,1,0.9003754,
1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.950004,1,0.950004,1,0.9500915,1,0.950187,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.8953266,0,0.8235024,0,0.4850326,0,0.4734944,0,0.4140335,0,0.3821275,0,0.5173844,0,0.4769673,0,0.4953584,0,0.4971864,

0.97,0.905793,0.06,0.8411533,0.04,0.5365289,0.04,0.5261448,0.03,0.4726295,0.02,0.4439152,0.03,0.5656465,0.02,0.5292701,0.02,0.5458227,
0.02,0.5474676,
0.97,0.9110276,0.97,0.8499774,0.06,0.5622771,0.05,0.5524713,0.03,0.5019274,0.03,0.4748076,0.04,0.5897763,0.04,0.5554216,0.03,0.5710536
,0.03,0.5726082,
0.97,0.9162621,0.98,0.8588016,0.97,0.5880253,0.98,0.5787953,0.98,0.5312254,0.04,0.5057028,0.98,0.6139061,0.98,0.581573,0.99,0.596287,0
.99,0.5977489,
0.97,0.9214939,0.98,0.8676258,0.97,0.6137735,0.98,0.6051191,0.98,0.5605261,0.98,0.5365953,0.98,0.6380386,0.99,0.6077244,0.99,0.6215178
,0.99,0.6228895,
0.97,0.9267285,0.98,0.8764499,0.98,0.6395217,0.98,0.6314456,0.98,0.5898241,0.99,0.5674878,0.98,0.6621684,0.99,0.6338759,0.99,0.6467513
,0.99,0.6480301,
0.98,0.931963,0.98,0.8852767,0.98,0.6652698,0.98,0.6577722,0.99,0.6191221,0.99,0.5983829,0.99,0.6862981,0.99,0.6600273,0.99,0.6719821,
0.99,0.6731707,
0.98,0.9371949,0.98,0.8941008,0.98,0.691018,0.98,0.6840961,0.99,0.6484201,0.99,0.6292754,0.99,0.7104306,0.99,0.6861787,0.99,0.6972156,
0.99,0.6983113,
0.98,0.9424294,0.98,0.902925,0.98,0.7167662,0.98,0.71042,0.99,0.6777181,0.99,0.6601706,0.99,0.7345604,0.99,0.7123302,0.99,0.7224464,0.
99,0.7234519,
0.98,0.947664,0.98,0.9117518,0.98,0.742517,0.98,0.7367465,0.99,0.7070161,0.99,0.6910631,0.99,0.7586902,0.99,0.7384843,0.99,0.7476799,0
.99,0.7485926,
0.98,0.9528958,0.98,0.920576,0.98,0.7682651,0.98,0.7630731,0.99,0.7363141,0.99,0.7219556,0.99,0.7828226,0.99,0.7646357,0.99,0.7729107,
0.99,0.7737331,
0.98,0.9581304,0.98,0.9294001,0.98,0.7940133,0.99,0.7893969,0.99,0.7656121,0.99,0.7528507,0.99,0.8069524,0.99,0.7907872,0.99,0.7981415
,0.99,0.7988738,
0.98,0.9633623,0.98,0.9382243,0.98,0.8197615,0.99,0.8157209,0.99,0.7949101,0.99,0.7837433,0.99,0.8310848,0.99,0.8169386,0.99,0.823375,
0.99,0.8240144,
0.98,0.9685968,0.98,0.9470484,0.98,0.8455096,0.99,0.8420474,0.99,0.8242081,0.99,0.8146384,0.99,0.8552147,0.99,0.8430901,0.99,0.8486058
,0.99,0.849155,
0.98,0.9738313,0.99,0.9558753,0.99,0.8712578,0.99,0.8683739,0.99,0.853506,0.99,0.8455309,0.99,0.8793444,0.99,0.8692415,0.99,0.8738393,
0.99,0.8742956,
0.99,0.9790632,0.99,0.9646994,0.99,0.897006,0.99,0.8946978,0.99,0.8828067,0.99,0.8764234,0.99,0.9034769,0.99,0.8953929,0.99,0.8990701,
0.99,0.8994362,
0.99,0.9842978,0.99,0.9735236,0.99,0.9227542,0.99,0.9210217,0.99,0.9121047,0.99,0.9073185,0.99,0.9276066,0.99,0.9215444,0.99,0.9243036
,0.99,0.9245768,
0.99,0.9895322,0.99,0.9823503,0.99,0.9485024,0.99,0.9473482,0.99,0.9414027,0.99,0.938211,0.99,0.9517365,0.99,0.9476958,0.99,0.9495344,
0.99,0.9497175,
0.99,0.9947641,0.99,0.9911745,0.99,0.9742505,0.99,0.9736748,0.99,0.9707007,0.99,0.9691062,0.99,0.9758689,0.99,0.9738472,0.99,0.9747679
,1,0.974858,
0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9502189,0,0.9358153,0,0.6883968,0,0.6782089,0,0.6187825,0,0.5855261,0,0.718886,0,0.6824618,0,0.7000729,0,0.7025642,
0.02,0.9551961,0.02,0.9422331,0.02,0.7195572,0.02,0.7103881,0.01,0.6569046,0.01,0.6269726,0.01,0.746998,0.01,0.7142165,0.01,0.7300661,
0.01,0.7323079,

0.02,0.9576846,0.02,0.9454433,0.02,0.7351361,0.02,0.7264764,0.01,0.6759644,0.01,0.6476958,0.01,0.7610541,0.01,0.7300926,0.01,0.7450613
,0.01,0.7471784,
0.02,0.9601759,0.02,0.9486509,0.02,0.7507176,0.02,0.7425674,0.01,0.6950268,0.01,0.6684217,0.01,0.7751074,0.01,0.7459686,0.01,0.7600592
,0.01,0.7620516,
0.02,0.9626645,0.02,0.9518611,0.02,0.7662966,0.02,0.7586557,0.02,0.7140865,0.01,0.6891449,0.01,0.7891635,0.01,0.7618473,0.01,0.7750544
,0.01,0.7769222,
0.02,0.9651531,0.02,0.9550714,0.04,0.7818781,0.03,0.7747467,0.03,0.7331463,0.01,0.7098681,0.01,0.8032195,0.02,0.7777234,0.01,0.7900496
,0.01,0.7917953,
0.02,0.9676417,0.02,0.958279,0.96,0.797457,0.04,0.7908349,0.03,0.7522087,0.02,0.7305914,0.01,0.8172755,0.03,0.7935994,0.01,0.8050475,0
.01,0.8066659,
0.02,0.9701303,0.02,0.9614892,0.96,0.8130386,0.97,0.8069259,0.98,0.7712684,0.98,0.7513146,0.02,0.8313316,0.98,0.8094755,0.02,0.8200427
,0.02,0.821539,
0.02,0.9726189,0.02,0.9646968,0.96,0.8286175,0.97,0.8230141,0.98,0.7903308,0.98,0.7720378,0.03,0.8453876,0.98,0.8253542,0.02,0.8350406
,0.02,0.8364096,
0.02,0.9751074,0.02,0.967907,0.97,0.8441991,0.97,0.8391051,0.98,0.8093906,0.98,0.7927611,0.98,0.8594437,0.98,0.8412302,0.98,0.8500358,
0.98,0.8512828,
0.04,0.9775987,0.02,0.9711172,0.97,0.8597779,0.97,0.8551934,0.98,0.8284503,0.98,0.8134869,0.98,0.873497,0.98,0.8571063,0.98,0.8650311,
0.98,0.8661533,
0.05,0.9800873,0.02,0.9743248,0.97,0.8753569,0.98,0.8712817,0.98,0.8475127,0.98,0.8342102,0.98,0.887553,0.98,0.872985,0.98,0.8800289,0
.98,0.8810238,
0.96,0.9825759,0.02,0.977535,0.97,0.8909384,0.98,0.8873727,0.98,0.8665725,0.98,0.8549334,0.98,0.9016091,0.98,0.8888611,0.98,0.8950241,
0.98,0.895897,
0.96,0.9850644,0.02,0.9807426,0.97,0.9065173,0.98,0.9034609,0.98,0.8856349,0.98,0.8756567,0.98,0.9156651,0.98,0.9047371,0.98,0.910022,
0.98,0.9107676,
0.96,0.9875531,0.02,0.9839528,0.98,0.9220989,0.98,0.9195519,0.98,0.9046946,0.99,0.8963799,0.98,0.9297212,0.99,0.9206131,0.99,0.9250172
,0.99,0.9256407,
0.96,0.9900417,0.02,0.9871631,0.98,0.9376777,0.98,0.9356402,0.98,0.9237544,0.99,0.9171031,0.98,0.9437772,0.99,0.9364918,0.99,0.9400125
,0.99,0.9405112,
0.96,0.9925329,0.02,0.9903706,0.98,0.9532593,0.98,0.9517311,0.98,0.9428168,0.99,0.937829,0.98,0.9578305,0.99,0.9523679,0.99,0.9550104,
0.99,0.9553844,
0.96,0.9950215,0.04,0.9935809,0.98,0.9688382,0.98,0.9678195,0.98,0.9618765,0.99,0.9585522,0.99,0.9718866,0.99,0.9682439,0.99,0.9700056
,0.99,0.970255,
0.98,0.9975101,0.97,0.9967884,0.98,0.9844198,0.98,0.9839104,0.99,0.9809389,0.99,0.9792755,0.99,0.9859427,0.99,0.9841226,0.99,0.9850035
,0.99,0.9851282,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,4.921469E-04,0,1.55338E-03,0,3.686459E-03,0,0.1755505,0,0.228063,0,0.2447668,0,1.140428E-02,0,7.960576E-03,0,1.433859E-
02,0,0.0167131,
0.98,0.1004417,0.02,0.1013969,0.03,0.1033177,0.03,0.2579951,0.03,0.3052571,0.02,0.3202895,0.01,0.1102635,0.02,0.1071647,0.01,0.1129033
,0.01,0.1150417,

0.98,0.1504179,0.02,0.1513199,0.03,0.1531346,0.03,0.2992187,0.03,0.3438541,0.03,0.3580508,0.02,0.159693,0.02,0.1567667,0.01,0.1621869,
0.01,0.1642059,
0.99,0.200394,0.99,0.201243,0.03,0.2029489,0.03,0.3404396,0.04,0.3824512,0.04,0.3958121,0.02,0.2091226,0.02,0.2063687,0.01,0.2114706,0
.01,0.2133702,
0.99,0.2503701,0.99,0.251166,0.98,0.2527632,0.04,0.3816632,0.98,0.4210482,0.98,0.4335761,0.02,0.2585522,0.03,0.2559708,0.02,0.2607543,
0.02,0.2625345,
0.99,0.3003436,0.99,0.3010864,0.98,0.3025801,0.98,0.4228842,0.99,0.4596426,0.99,0.4713374,0.02,0.3079818,0.99,0.3055728,0.02,0.3100379
,0.02,0.3116988,
0.99,0.3503197,0.99,0.3510095,0.98,0.3523971,0.99,0.4641078,0.99,0.4982397,0.99,0.5090988,0.99,0.3574114,0.99,0.3551748,0.99,0.3593189
,0.99,0.3608631,
0.99,0.4002958,0.99,0.4009326,0.99,0.4022113,0.99,0.5053287,0.99,0.5368367,0.99,0.5468601,0.99,0.406841,0.99,0.4047769,0.99,0.4086026,
0.99,0.4100273,
0.99,0.4502693,0.99,0.450853,0.99,0.4520256,0.99,0.5465523,0.99,0.5754338,0.99,0.5846214,0.99,0.4562706,0.99,0.4543789,0.99,0.4578863,
0.99,0.4591916,
0.99,0.5002454,0.99,0.5007761,0.99,0.5018426,0.99,0.5877733,0.99,0.6140308,0.99,0.6223828,0.99,0.5057028,0.99,0.5039783,0.99,0.5071673
,1,0.5083559,
0.99,0.5502215,0.99,0.5506991,0.99,0.5516595,0.99,0.6289968,0.99,0.6526279,0.99,0.6601441,0.99,0.5551324,0.99,0.5535803,0.99,0.556451,
1,0.5575202,
0.99,0.600195,0.99,0.6006195,0.99,0.6014738,0.99,0.6702205,0.99,0.6912249,0.99,0.6979054,0.99,0.604562,0.99,0.6031824,1,0.6057346,1,0.
6066844,
0.99,0.6501711,0.99,0.6505426,0.99,0.6512881,0.99,0.7114414,0.99,0.729822,0.99,0.7356667,0.99,0.6539916,0.99,0.6527844,1,0.6550183,1,0
.6558487,
0.99,0.7001473,0.99,0.7004656,0.99,0.701105,0.99,0.752665,0.99,0.768419,0.99,0.773428,1,0.7034212,1,0.7023864,1,0.704302,1,0.705013,
0.99,0.7501207,0.99,0.750386,0.99,0.750922,0.99,0.7938859,0.99,0.8070135,0.99,0.8111894,1,0.7528507,1,0.7519885,1,0.753583,1,0.7541773
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1,0.8000968,1,0.8003091,0.99,0.8007362,0.99,0.8351096,0.99,0.8456105,0.99,0.8489534,1,0.8022803,1,0.8015905,1,0.8028666,1,0.8033416,
1,0.850073,1,0.8502321,0.99,0.8505505,0.99,0.8763305,0.99,0.8842075,0.99,0.8867147,1,0.8517099,1,0.8511925,1,0.8521503,1,0.8525059,
1,0.9000491,1,0.9001552,0.99,0.9003674,0.99,0.9175541,0.99,0.9228046,0.99,0.924476,1,0.9011395,1,0.9007946,1,0.9014313,1,0.9016701,
1,0.9500226,1,0.9500756,0.99,0.9501844,0.99,0.958775,0.99,0.9614016,0.99,0.9622374,1,0.9505691,1,0.9503967,1,0.950715,1,0.9508344,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9502189,0,0.9153706,0,0.6883968,0,0.6782089,0,0.6187825,0,0.5855261,0,0.7180449,0,0.6824618,0,0.7000729,0,0.7025642,
0.02,0.9551961,0.02,0.923834,0.02,0.7195572,0.02,0.7103881,0.01,0.6569046,0.01,0.6269726,0.01,0.7462392,0.01,0.7142165,0.01,0.7300661,
0.01,0.7323079,
0.02,0.9576846,0.02,0.9280657,0.02,0.7351361,0.02,0.7264764,0.01,0.6759644,0.01,0.6476958,0.01,0.7603377,0.01,0.7300926,0.01,0.7450613
,0.01,0.7471784,
0.02,0.9601759,0.02,0.9322973,0.02,0.7507176,0.02,0.7425674,0.01,0.6950268,0.01,0.6684217,0.01,0.7744362,0.01,0.7459686,0.01,0.7600592
,0.01,0.7620516,
0.04,0.9626645,0.04,0.9365263,0.02,0.7662966,0.02,0.7586557,0.02,0.7140865,0.01,0.6891449,0.02,0.7885321,0.01,0.7618473,0.01,0.7750544
,0.01,0.7769222,
0.96,0.9651531,0.04,0.940758,0.04,0.7818781,0.03,0.7747467,0.03,0.7331463,0.01,0.7098681,0.03,0.8026305,0.02,0.7777234,0.02,0.7900496,
0.02,0.7917953,

0.96,0.9676417,0.97,0.9449897,0.96,0.797457,0.04,0.7908349,0.03,0.7522087,0.02,0.7305914,0.98,0.816729,0.03,0.7935994,0.98,0.8050475,0
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0.96,0.9701303,0.97,0.9492213,0.96,0.8130386,0.97,0.8069259,0.98,0.7712684,0.98,0.7513146,0.98,0.8308275,0.98,0.8094755,0.98,0.8200427
,0.98,0.821539,
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,0.98,0.8512828,
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,0.98,0.8661533,
0.97,0.9800873,0.97,0.966148,0.97,0.8753569,0.98,0.8712817,0.98,0.8475127,0.98,0.8342102,0.98,0.8872161,0.98,0.872985,0.98,0.8800289,0
.98,0.8810238,
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,0.99,0.895897,
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,0.99,0.970255,
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0.99,0.9851282,
0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,4.377587E-05,0,1.184601E-03,0,0.3734944,0,0.5617306,0,0.5626035,0,0
0.3,0.1000385,0.04,0.1010652,0.07,0.4361443,0.03,0.6055569,0.01,0.6063422,0,9.999868E-02
0.66,0.1500358,0.05,0.1510068,0.13,0.4674692,0.04,0.6274713,0.02,0.6282116,0,0.1499987
1,0.2000358,0.27,0.2009485,0.24,0.4987942,0.05,0.6493832,0.03,0.6500836,0,0.1999987
1,0.2500332,0.36,0.2508875,0.28,0.5301218,0.13,0.6712976,0.08,0.671953,0,0.2499987
1,0.3000305,0.56,0.3008291,0.49,0.5614467,0.13,0.6932121,0.13,0.6938223,0,0.2999987
1,0.3500279,0.66,0.3507707,0.66,0.5927716,0.23,0.7151239,0.18,0.7156917,0,0.3499987
1,0.4000252,0.66,0.4007097,0.77,0.6240966,0.23,0.7370384,0.23,0.737561,0,0.3999987
1,0.4500225,0.67,0.4506513,0.89,0.6554216,0.26,0.7589502,0.23,0.7594304,0,0.4499987
1,0.5000199,0.74,0.5005929,0.95,0.6867465,0.37,0.7808647,0.29,0.7812998,0,0.4999987
1,0.5500199,0.83,0.5505319,0.95,0.7180715,0.51,0.8027791,0.37,0.8031718,0,0.5499987
1,0.6000172,0.99,0.6004736,0.95,0.7493964,0.6,0.8246909,0.51,0.8250411,0,0.5999987
1,0.6500146,0.99,0.6504126,0.95,0.7807214,0.72,0.8466054,0.6,0.8469105,0,0.6499987
1,0.700012,0.99,0.7003542,0.95,0.8120463,0.82,0.8685172,0.72,0.8687798,0,0.6999987
1,0.7500093,0.99,0.7502958,0.95,0.8433713,0.82,0.8904316,0.82,0.8906492,0,0.7499987
1,0.8000066,0.99,0.8002348,0.95,0.8746989,0.94,0.9123461,0.94,0.9125186,0,0.7999987
1,0.8500066,0.99,0.8501765,0.95,0.9060238,0.94,0.9342579,0.94,0.9343906,0,0.8499987
1,0.900004,0.99,0.9001181,0.96,0.9373488,0.94,0.9561724,0.94,0.95626,0,0.8999987
1,0.9500013,0.99,0.950057,0.98,0.9686737,0.94,0.9780842,0.94,0.9781293,0,0.9499987
1,0.9999987,0.99,0.9999987,0.99,0.9999987,0.96,0.9999987,0.96,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.98567, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,3.180773, %
Acceptable Depth in Reach,1,8.699701, %
Optimum Depth & Velocity in Reach,1,1.566641, %
Acceptable Depth & Velocity in Reach,1,3.180773, %

Optimum Velocity in Reach,2,99.94535, %
Acceptable Velocity in Reach,2,99.99682, %
Optimum Depth in Reach,2,6.777017, %
Acceptable Depth in Reach,2,17.11128, %
Optimum Depth & Velocity in Reach,2,1.308232, %
Acceptable Depth & Velocity in Reach,2,4.762006, %
Optimum Velocity in Reach,3,99.82808, %
Acceptable Velocity in Reach,3,99.99522, %
Optimum Depth in Reach,3,32.89283, %
Acceptable Depth in Reach,3,52.95168, %
Optimum Depth & Velocity in Reach,3,32.02581, %
Acceptable Depth & Velocity in Reach,3,32.89283, %
Optimum Velocity in Reach,4,83.68093, %
Acceptable Velocity in Reach,4,99.99628, %
Optimum Depth in Reach,4,33.82513, %
Acceptable Depth in Reach,4,53.91581, %
Optimum Depth & Velocity in Reach,4,33.26161, %
Acceptable Depth & Velocity in Reach,4,33.82513, %
Optimum Velocity in Reach,5,78.747, %
Acceptable Velocity in Reach,5,99.99682, %
Optimum Depth in Reach,5,39.94418, %
Acceptable Depth in Reach,5,60.23331, %
Optimum Depth & Velocity in Reach,5,39.94418, %
Acceptable Depth & Velocity in Reach,5,39.94418, %
Optimum Velocity in Reach,6,76.91107, %
Acceptable Velocity in Reach,6,99.99814, %
Optimum Depth in Reach,6,43.01591, %
Acceptable Depth in Reach,6,63.36288, %
Optimum Depth & Velocity in Reach,6,43.01591, %
Acceptable Depth & Velocity in Reach,6,43.01591, %
Optimum Velocity in Reach,7,99.6551, %
Acceptable Velocity in Reach,7,99.99364, %
Optimum Depth in Reach,7,28.46273, %
Acceptable Depth in Reach,7,48.81288, %
Optimum Depth & Velocity in Reach,7,7.486979, %
Acceptable Depth & Velocity in Reach,7,28.40967, %
Optimum Velocity in Reach,8,99.72169, %
Acceptable Velocity in Reach,8,99.99416, %
Optimum Depth in Reach,8,32.44101, %
Acceptable Depth in Reach,8,52.90499, %
Optimum Depth & Velocity in Reach,8,25.42788, %
Acceptable Depth & Velocity in Reach,8,32.44101, %
Optimum Velocity in Reach,9,99.6429, %
Acceptable Velocity in Reach,9,99.9931, %
Optimum Depth in Reach,9,30.03494, %
Acceptable Depth in Reach,9,50.55038, %
Optimum Depth & Velocity in Reach,9,10.50804, %

Acceptable Depth & Velocity in Reach,9,30.03494, %
Optimum Velocity in Reach,10,99.63653, %
Acceptable Velocity in Reach,10,99.9931, %
Optimum Depth in Reach,10,29.20851, %
Acceptable Depth in Reach,10,49.75472, %
Optimum Depth & Velocity in Reach,10,9.093152, %
Acceptable Depth & Velocity in Reach,10,29.20851, %
Optimum Velocity in Stream,93.77544, %
Acceptable Velocity in Stream,99.99567, %
Optimum Depth in Stream,27.9783, %
Acceptable Depth in Stream,45.82976, %
Optimum Depth & Velocity in Stream,20.36384, %
Acceptable Depth & Velocity in Stream,27.7715, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.95039, %
Acceptable Velocity in Reach,1,99.9992, %
Optimum Depth in Reach,1,4.977966, %
Acceptable Depth in Reach,1,10.46718, %
Optimum Depth & Velocity in Reach,1,2.690484, %
Acceptable Depth & Velocity in Reach,1,4.977966, %
Optimum Velocity in Reach,2,99.84427, %
Acceptable Velocity in Reach,2,99.99496, %
Optimum Depth in Reach,2,8.462782, %
Acceptable Depth in Reach,2,17.64959, %
Optimum Depth & Velocity in Reach,2,1.706989, %
Acceptable Depth & Velocity in Reach,2,6.418321, %
Optimum Velocity in Reach,3,99.63096, %
Acceptable Velocity in Reach,3,99.99284, %
Optimum Depth in Reach,3,31.16011, %
Acceptable Depth in Reach,3,51.49647, %
Optimum Depth & Velocity in Reach,3,30.05723, %
Acceptable Depth & Velocity in Reach,3,31.16011, %
Optimum Velocity in Reach,4,82.4446, %
Acceptable Velocity in Reach,4,99.9947, %
Optimum Depth in Reach,4,32.17889, %
Acceptable Depth in Reach,4,52.65029, %
Optimum Depth & Velocity in Reach,4,31.45407, %
Acceptable Depth & Velocity in Reach,4,32.17889, %
Optimum Velocity in Reach,5,77.19336, %
Acceptable Velocity in Reach,5,99.99576, %
Optimum Depth in Reach,5,38.12152, %
Acceptable Depth in Reach,5,58.59637, %
Optimum Depth & Velocity in Reach,5,38.12152, %
Acceptable Depth & Velocity in Reach,5,38.12152, %

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Optimum Velocity in Reach,6,75.52299, %
Acceptable Velocity in Reach,6,99.99655, %
Optimum Depth in Reach,6,41.44715, %
Acceptable Depth in Reach,6,61.78696, %
Optimum Depth & Velocity in Reach,6,41.44715, %
Acceptable Depth & Velocity in Reach,6,41.44715, %
Optimum Velocity in Reach,7,99.32293, %
Acceptable Velocity in Reach,7,99.98939, %
Optimum Depth in Reach,7,28.1953, %
Acceptable Depth in Reach,7,48.26131, %
Optimum Depth & Velocity in Reach,7,7.271019, %
Acceptable Depth & Velocity in Reach,7,28.11119, %
Optimum Velocity in Reach,8,99.46143, %
Acceptable Velocity in Reach,8,99.99072, %
Optimum Depth in Reach,8,31.7536, %
Acceptable Depth in Reach,8,52.30301, %
Optimum Depth & Velocity in Reach,8,24.35205, %
Acceptable Depth & Velocity in Reach,8,31.7536, %
Optimum Velocity in Reach,9,99.34018, %
Acceptable Velocity in Reach,9,99.98939, %
Optimum Depth in Reach,9,29.99249, %
Acceptable Depth in Reach,9,50.46389, %
Optimum Depth & Velocity in Reach,9,10.33028, %
Acceptable Depth & Velocity in Reach,9,29.99249, %
Optimum Velocity in Reach,10,99.31232, %
Acceptable Velocity in Reach,10,99.98859, %
Optimum Depth in Reach,10,29.74337, %
Acceptable Depth in Reach,10,50.2811, %
Optimum Depth & Velocity in Reach,10,9.088642, %
Acceptable Depth & Velocity in Reach,10,29.74337, %
Optimum Velocity in Stream,93.20234, %
Acceptable Velocity in Stream,99.99321, %
Optimum Depth in Stream,27.60332, %
Acceptable Depth in Stream,45.39561, %
Optimum Depth & Velocity in Stream,19.65194, %
Acceptable Depth & Velocity in Stream,27.39046, %
```

Stream Health Run 18

Run Date,6/11/2002
Run Time,8:35:05 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityClusterRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Small Mouth Bass.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8526,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,2.569206,Index,1
90-10 Range ,96.1696,Index,3
Number of Storms 3x Median,10740,Index,5
Number of High Flow Events,840,Index,1
High Flow Duration (hrs) ,36024,Index,1
Number of Low Flow Events ,90,Index,1
Low Flow Duration (hrs) ,12538,Index,1
Overall Index,1.777778
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

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1,0.1000279,0.02,0.100057,0.03,0.1001154,0.03,0.1000995,0.03,0.1000623,0.03,0.1000677,0.01,0.1075891,0.02,0.1055808,0.01,0.1088334,0.01,0.1097037,
1,0.1500252,0.03,0.1500544,0.04,0.1501101,0.03,0.1500942,0.04,0.1500597,0.04,0.150065,0.02,0.1571673,0.02,0.1552704,0.01,0.1583426,0.01,0.1591651,

1,0.2000252,0.03,0.2000517,0.04,0.2001022,0.04,0.2000889,0.04,0.200057,1,0.2000597,0.02,0.2067455,0.02,0.2049599,0.02,0.2078518,0.01,0
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1,0.2500226,1,0.2500491,0.04,0.2500968,0.04,0.2500836,1,0.2500517,1,0.250057,0.02,0.2563236,0.02,0.2546522,0.02,0.257361,0.02,0.258087
9,
1,0.3000199,1,0.3000464,1,0.3000889,1,0.3000756,1,0.3000491,1,0.3000517,0.02,0.3059018,0.03,0.3043418,0.02,0.3068702,0.02,0.3075494,
1,0.3500199,1,0.3500411,1,0.3500836,1,0.3500703,1,0.3500464,1,0.3500491,0.02,0.35548,1,0.3540314,1,0.3563793,1,0.3570081,
1,0.4000172,1,0.4000385,1,0.4000756,1,0.400065,1,0.4000411,1,0.4000438,1,0.4050581,1,0.4037209,1,0.4058885,1,0.4064696,
1,0.4500172,1,0.4500358,1,0.4500703,1,0.4500597,1,0.4500385,1,0.4500411,1,0.4546363,1,0.4534105,1,0.4553977,1,0.455931,
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1,0.7000093,1,0.7000199,1,0.7000385,1,0.7000332,1,0.7000199,1,0.7000226,1,0.7025297,1,0.7018585,1,0.7029436,1,0.7032354,
1,0.7500066,1,0.7500146,1,0.7500305,1,0.7500252,1,0.7500172,1,0.7500172,1,0.7521079,1,0.7515481,1,0.7524528,1,0.7526942,
1,0.800004,1,0.8000119,1,0.8000252,1,0.8000199,1,0.8000119,1,0.8000146,1,0.801686,1,0.8012403,1,0.801962,1,0.8021556,
1,0.850004,1,0.8500093,1,0.8500172,1,0.8500146,1,0.8500093,1,0.8500093,1,0.8512642,1,0.8509299,1,0.8514711,1,0.851617,
1,0.9000013,1,0.900004,1,0.900012,1,0.9000093,1,0.9000067,1,0.9000067,1,0.9008424,1,0.9006195,1,0.9009803,1,0.9010758,
1,0.9500013,1,0.9500013,1,0.950004,1,0.950004,1,0.9500013,1,0.9500013,1,0.9504205,1,0.9503091,1,0.9504895,1,0.9505373,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9763093,0,0.9479266,0,0.7212817,0,0.7122851,0,0.6478152,0,0.6141528,0,0.763142,0,0.7255983,0,0.7481681,0,0.7556843,
0.96,0.9786785,0.96,0.9531346,0.96,0.7491524,0.97,0.7410578,0.97,0.6830348,0.98,0.6527367,0.97,0.7868288,0.98,0.7530391,0.98,0.7733511
,0.98,0.7801165,
0.96,0.9798618,0.96,0.9557373,0.96,0.763089,0.97,0.7554428,0.97,0.7006434,0.98,0.6720299,0.98,0.7986695,0.98,0.7667582,0.98,0.7859426,
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0.96,0.9810477,0.96,0.95834,0.96,0.7770256,0.97,0.7698278,0.98,0.7182519,0.98,0.6913231,0.98,0.8105128,0.98,0.7804773,0.98,0.7985342,0
.98,0.8045461,
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,0.99,0.8900576,

0.97,0.9905218,0.98,0.9791693,0.98,0.8885108,0.98,0.8849133,0.98,0.8591253,0.99,0.8456609,0.98,0.9052571,0.99,0.890238,0.99,0.8992664,
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0.97,0.9917078,0.98,0.9817746,0.98,0.9024475,0.98,0.8992983,0.98,0.8767338,0.99,0.8649514,0.98,0.9170978,0.99,0.9039598,0.99,0.911858,
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0.97,0.994077,0.98,0.98698,0.98,0.9303181,0.98,0.928071,0.99,0.9119534,0.99,0.9035379,0.99,0.9407845,0.99,0.9313979,0.99,0.937041,0.99
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Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,7.574552E-04,0,7.910167E-03,0,8.82548E-03,0,1.528839E-02,0,1.081529E-02,0,1.045447E-02,0,5.047092E-02,0,3.810756E-02,0,8.229996E-02,0,0.1486748,
0.02,0.1006805,0.01,0.1071195,0.01,0.107942,0.01,0.1137602,0.01,0.1097328,0.01,0.1094092,0.01,0.1454248,0.01,0.1342977,0.01,0.1740701,0.01,0.2338069,
0.02,0.1506434,0.01,0.1567242,0.02,0.1575016,0.01,0.1629961,0.01,0.1591916,0.01,0.1588865,0.01,0.192899,0.01,0.1823902,0.01,0.2199552,0.01,0.276373,
0.02,0.2006062,0.01,0.2063289,0.02,0.2070612,0.02,0.2122294,0.02,0.208653,0.02,0.2083638,0.01,0.2403759,0.01,0.2304852,0.01,0.2658402,0.01,0.318939,
0.03,0.2505664,0.01,0.255931,0.02,0.2566181,0.02,0.2614653,0.02,0.2581118,0.02,0.2578412,0.01,0.2878529,0.01,0.2785803,0.01,0.3117253,0.01,0.3615051,
1,0.3005293,0.02,0.3055356,0.02,0.3061777,0.02,0.3107012,0.02,0.3075706,0.02,0.3073185,0.01,0.3353298,0.01,0.3266754,0.01,0.3576104,0.01,0.4040712,
1,0.3504921,0.02,0.3551404,0.02,0.3557373,0.02,0.3599371,0.02,0.3570293,0.02,0.3567959,0.01,0.3828067,0.01,0.3747705,0.01,0.4034954,0.01,0.4466372,
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1,0.7002268,1,0.7023732,1,0.7026464,1,0.7045859,1,0.7032434,1,0.7031346,1,0.7151398,1,0.7114308,1,0.7246883,1,0.7446023,
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Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

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0.86,0.9996909,0.88,0.9994097,0.88,0.9958838,0.89,0.9955017,0.92,0.9933633,0.93,0.9919704,0.92,0.9965736,0.93,0.9956264,0.93,0.9961782,0.94,0.9962844,
0.86,0.9997068,0.88,0.9994442,0.88,0.9961252,0.89,0.995767,0.92,0.9937533,0.93,0.9924427,0.92,0.9967752,0.93,0.9958838,0.93,0.9964038,0.94,0.9965019,

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.94,0.9967221,
0.87,0.999744,0.89,0.9995131,0.88,0.996608,0.9,0.996295,0.92,0.994536,0.93,0.9933872,0.92,0.9971784,0.93,0.9963984,0.93,0.9968521,0.94
,0.9969397,
0.87,0.9997625,0.89,0.9995477,0.89,0.9968521,0.9,0.9965603,0.92,0.994926,0.93,0.9938594,0.92,0.9973801,0.93,0.9966558,0.94,0.9970776,0
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0.88,0.9997811,0.91,0.9995821,0.89,0.9970936,0.9,0.9968256,0.92,0.995316,0.93,0.9943317,0.92,0.9975817,0.93,0.9969131,0.94,0.9973031,0
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,0.997595,
0.9,0.9998183,0.92,0.9996538,0.91,0.997579,0.92,0.9973536,0.94,0.996096,0.95,0.9952762,0.94,0.9979823,0.95,0.9974252,0.95,0.9977515,0.
95,0.9978125,
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96,0.9980327,
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0.96,0.9982503,
0.91,0.9998713,0.93,0.9997572,0.92,0.9983034,0.93,0.9981468,0.95,0.997266,0.95,0.996693,0.95,0.9985873,0.95,0.9981973,0.95,0.9984254,0
.96,0.9984705,
0.91,0.9998899,0.93,0.9997917,0.92,0.9985448,0.93,0.9984121,0.95,0.997656,0.95,0.9971652,0.95,0.9987889,0.95,0.9984546,0.96,0.9986509,
0.96,0.998688,
0.92,0.9999084,0.93,0.9998263,0.93,0.9987889,0.93,0.9986774,0.95,0.998046,0.95,0.9976375,0.95,0.9989905,0.95,0.9987119,0.96,0.9988738,
0.96,0.9989056,
0.92,0.999927,0.93,0.9998607,0.93,0.9990303,0.94,0.9989401,0.95,0.9984387,0.96,0.9981097,0.95,0.9991921,0.96,0.9989693,0.96,0.9990993,
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,0.98,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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02,0,9.999868E-02,
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Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

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0.04,0.100126,0.01,0.11029,0.23,0.6518266,0.12,0.9912753,0,9.999868E-02,0,9.999868E-02
0.04,0.1501181,0.01,0.1597196,0.23,0.6711703,0.12,0.9917608,0,0.1499987,0,0.1499987
0.17,0.2001101,0.01,0.2091465,0.23,0.6905139,0.22,0.9922464,0,0.1999987,0,0.1999987
0.29,0.2501048,0.01,0.2585734,0.27,0.7098575,0.22,0.9927292,0,0.2499987,0,0.2499987
0.42,0.3000968,0.03,0.308003,0.51,0.7291985,0.22,0.9932147,0,0.2999987,0,0.2999987
0.57,0.3500889,0.03,0.3574326,0.66,0.7485421,0.22,0.9937003,0,0.3499987,0,0.3499987
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1,0.4500756,0.03,0.4562865,0.94,0.7872267,0.36,0.9946686,0,0.4499987,0,0.4499987
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1,0.8500199,1,0.8517126,0.95,0.9419705,0.91,0.9985448,0,0.8499987,0,0.8499987
1,0.900012,1,0.9011422,0.97,0.9613141,0.91,0.9990303,0,0.8999987,0,0.8999987
1,0.9500066,1,0.9505717,0.99,0.9806551,0.92,0.9995131,0,0.9499987,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.96,0.9999987,0,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,4.908203E-05,0,1.180622E-04,0,3.117372E-04,0,2.71941E-04,0,1.498992E-04,0,1.286745E-04,0,1.608432E-02,0,1.201714E-02,0,1.862597E-02,0,2.097925E-02,
1,0.1000438,0.02,0.1001048,0.03,0.1002799,0.03,0.1002454,0.03,0.100134,0.03,0.1001154,0.01,0.1144765,0.02,0.1108153,0.01,0.1167635,0.01,0.1188807,
1,0.1500411,0.03,0.1500995,0.04,0.150264,0.03,0.1502322,0.03,0.150126,0.03,0.1501101,0.02,0.1636727,0.02,0.160213,0.01,0.1658323,0.01,0.1678327,
1,0.2000385,0.03,0.2000942,0.04,0.2002481,0.03,0.2002162,0.04,0.2001207,1,0.2001022,0.02,0.2128661,0.02,0.2096134,0.02,0.214901,0.01,0.2167821,
1,0.2500358,1,0.2500889,0.04,0.2502321,0.04,0.250203,1,0.2501127,1,0.2500968,0.02,0.2620623,0.02,0.2590139,0.02,0.2639698,0.02,0.2657341,
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1,0.7500119,1,0.7500278,1,0.7500783,1,0.7500677,1,0.7500358,1,0.7500305,1,0.7540208,1,0.753002,1,0.7546548,1,0.7552438,
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Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9587803,0,0.9290579,0,0.7259405,0,0.715031,0,0.6559654,0,0.6199896,0,0.755533,0,0.7201913,0,0.7384445,0,0.7407129,
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Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,2.004404E-03,0,1.489308E-02,0,1.250531E-02,0,2.195559E-02,0,1.819352E-02,0,1.872944E-02,0,7.177518E-02,0,5.788364E-
02,0,0.1032248,0,0.1655033,
0.02,0.1018028,0.01,0.1134047,0.01,0.1112557,0.01,0.1197588,0.01,0.1163735,0.01,0.1168564,0.01,0.1645986,0.01,0.1520946,0.01,0.1929017
,0.01,0.2489534,
0.02,0.1517046,0.01,0.1626592,0.02,0.1606296,0.01,0.1686631,0.01,0.1654635,0.01,0.1659198,0.01,0.211009,0.01,0.1992001,0.01,0.2377414,
0.01,0.2906784,
0.02,0.2016038,0.01,0.2119137,0.02,0.2100035,0.02,0.2175647,0.02,0.2145535,0.02,0.2149833,0.01,0.2574193,0.01,0.2463056,0.01,0.2825785
,0.01,0.3324034,
0.03,0.251503,0.01,0.2611682,0.02,0.25938,0.02,0.2664663,0.02,0.2636461,0.02,0.2640468,0.01,0.3038297,0.01,0.2934137,0.01,0.3274183,0.
01,0.3741258,
1,0.3014022,0.02,0.3104253,0.02,0.3087538,0.02,0.315368,0.02,0.3127361,0.02,0.3131102,0.01,0.3502428,0.01,0.3405192,0.01,0.372258,0.01
,0.4158508,
1,0.3513013,0.02,0.3596798,0.02,0.3581277,0.02,0.3642696,0.02,0.3618261,0.02,0.3621737,0.01,0.3966531,0.01,0.3876247,0.01,0.4170951,0.
01,0.4575759,
1,0.4012032,0.02,0.4089343,0.02,0.4075016,0.02,0.4131739,0.02,0.4109161,0.02,0.4112371,0.01,0.4430635,0.01,0.4347302,0.01,0.4619349,0.
01,0.4993009,
1,0.4511023,0.02,0.4581914,0.02,0.4568781,0.02,0.4620755,0.02,0.4600061,1,0.4603006,0.01,0.4894766,0.01,0.4818357,0.01,0.506772,0.01,0
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1,
1,0.5509007,1,0.5567003,0.03,0.5556259,0.02,0.5598788,1,0.5581861,1,0.5584275,0.01,0.5822973,0.01,0.5760466,0.01,0.5964515,0.01,0.6244
76,
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1,0.8003993,1,0.8029781,1,0.8025005,1,0.8043895,1,0.8036387,1,0.8037449,1,0.8143545,1,0.8115767,1,0.820645,1,0.8330985,
1,0.8502985,1,0.8522326,1,0.8518744,1,0.8532912,1,0.8527287,1,0.8528083,1,0.8607649,1,0.8586822,1,0.8654821,1,0.8748236,
1,0.9002003,1,0.9014871,1,0.9012483,1,0.9021955,1,0.9018187,1,0.9018717,1,0.9071752,1,0.9057877,1,0.9103218,1,0.9165486,
1,0.9500995,1,0.9507442,1,0.9506248,1,0.9510971,1,0.9509087,1,0.9509352,1,0.9535883,1,0.9528932,1,0.9551589,1,0.9582736,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9988685,0,0.9978046,0,0.9877229,0,0.9865369,0,0.982284,0,0.979623,0,0.9900788,0,0.988028,0,0.9895561,0,0.9897445,

0.86,0.9989825,0.88,0.9980248,0.88,0.9889513,0.89,0.987882,0.91,0.9840563,0.93,0.9816605,0.92,0.991071,0.92,0.9892245,0.93,0.9906015,0
.94,0.9907712,
0.87,0.9990383,0.88,0.9981335,0.88,0.9895641,0.89,0.9885559,0.92,0.9849424,0.93,0.9826794,0.92,0.9915672,0.93,0.9898241,0.93,0.9911215
,0.94,0.9912833,
0.87,0.9990939,0.89,0.9982423,0.88,0.990177,0.9,0.9892298,0.92,0.9858259,0.93,0.9836981,0.92,0.9920633,0.93,0.9904211,0.93,0.9916441,0
.94,0.9917954,
0.87,0.9991497,0.89,0.9983538,0.88,0.9907925,0.9,0.9899011,0.92,0.986712,0.93,0.9847169,0.92,0.9925594,0.93,0.9910206,0.93,0.9921668,0
.94,0.9923074,
0.87,0.999208,0.89,0.9984626,0.88,0.9914053,0.9,0.9905749,0.92,0.9875982,0.93,0.9857357,0.92,0.9930556,0.93,0.9916202,0.94,0.9926894,0
.94,0.9928194,
0.88,0.9992638,0.89,0.9985713,0.89,0.9920182,0.9,0.9912488,0.92,0.9884843,0.93,0.9867545,0.92,0.9935517,0.93,0.9922172,0.94,0.9932121,
0.94,0.9933341,
0.88,0.9993195,0.89,0.9986827,0.91,0.9926337,0.92,0.9919227,0.93,0.9893704,0.94,0.9877732,0.94,0.9940478,0.94,0.9928168,0.95,0.9937321
,0.95,0.9938462,
0.9,0.9993778,0.91,0.9987915,0.91,0.9932466,0.92,0.9925939,0.94,0.9902565,0.95,0.9887921,0.94,0.9945439,0.94,0.9934137,0.95,0.9942548,
0.95,0.9943582,
0.91,0.9994336,0.92,0.9989003,0.91,0.9938594,0.92,0.9932678,0.94,0.9911427,0.95,0.9898108,0.94,0.9950374,0.95,0.9940133,0.95,0.9947774
,0.96,0.9948729,
0.91,0.9994893,0.92,0.9990118,0.92,0.9944749,0.93,0.9939417,0.94,0.9920262,0.95,0.9908296,0.94,0.9955335,0.95,0.9946129,0.95,0.9953001
,0.96,0.995385,
0.91,0.9995477,0.92,0.9991205,0.92,0.9950878,0.93,0.9946129,0.94,0.9929123,0.95,0.9918484,0.95,0.9960297,0.95,0.9952099,0.95,0.9958227
,0.96,0.995897,
0.91,0.9996034,0.93,0.9992319,0.92,0.9957033,0.93,0.9952868,0.95,0.9937984,0.95,0.9928672,0.95,0.9965258,0.95,0.9958094,0.96,0.9963427
,0.96,0.9964091,
0.92,0.9996591,0.93,0.9993407,0.92,0.9963162,0.93,0.9959607,0.95,0.9946846,0.95,0.993886,0.95,0.9970219,0.95,0.9964064,0.96,0.9968654,
0.96,0.9969211,
0.92,0.9997175,0.93,0.9994495,0.93,0.996929,0.94,0.9966345,0.95,0.9955707,0.96,0.9949048,0.95,0.9975181,0.95,0.997006,0.96,0.9973881,0
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,0.97,0.9984599,
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,0.97,0.9989746,
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,0.98,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,

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Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,3.329619E-04,0,1.971108E-02,0,0.6133888,0,0.9773228,0,0,0,0
0.03,0.1002985,0.01,0.1177398,0.23,0.6520495,0.12,0.9795911,0,9.999868E-02,0,9.999868E-02
0.04,0.1502825,0.01,0.1667555,0.23,0.6713799,0.14,0.980724,0,0.1499987,0,0.1499987
0.16,0.2002666,0.01,0.2157686,0.23,0.6907102,0.22,0.9818569,0,0.1999987,0,0.1999987
0.28,0.2502481,0.01,0.2647817,0.37,0.7100406,0.22,0.9829924,0,0.2499987,0,0.2499987
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1,0.9000332,1,0.9019699,0.98,0.9613379,0.92,0.9977303,0,0.8999987,0,0.8999987
1,0.9500146,1,0.9509856,0.99,0.9806683,0.93,0.9988658,0,0.9499987,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.96,0.9999987,0,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99072, %
Acceptable Velocity in Reach,1,99.99655, %
Optimum Depth in Reach,1,3.634714E-02, %
Acceptable Depth in Reach,1,2.368932, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0, %
Optimum Velocity in Reach,2,99.97506, %
Acceptable Velocity in Reach,2,99.9931, %
Optimum Depth in Reach,2,6.924528E-02, %
Acceptable Depth in Reach,2,5.207192, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.95331, %
Acceptable Velocity in Reach,3,99.98673, %
Optimum Depth in Reach,3,0.4841864, %
Acceptable Depth in Reach,3,27.87162, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,0, %
Optimum Velocity in Reach,4,99.95437, %
Acceptable Velocity in Reach,4,99.98859, %
Optimum Depth in Reach,4,0.5290233, %
Acceptable Depth in Reach,4,28.77128, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,0, %
Optimum Velocity in Reach,5,99.96445, %
Acceptable Velocity in Reach,5,99.99258, %
Optimum Depth in Reach,5,0.7805349, %
Acceptable Depth in Reach,5,35.21826, %
Optimum Depth & Velocity in Reach,5,0, %
Acceptable Depth & Velocity in Reach,5,0, %
Optimum Velocity in Reach,6,99.97108, %
Acceptable Velocity in Reach,6,99.99204, %
Optimum Depth in Reach,6,0.944495, %
Acceptable Depth in Reach,6,38.58448, %
Optimum Depth & Velocity in Reach,6,0, %
Acceptable Depth & Velocity in Reach,6,0, %
Optimum Velocity in Reach,7,99.91802, %
Acceptable Velocity in Reach,7,99.97639, %
Optimum Depth in Reach,7,0.4030022, %
Acceptable Depth in Reach,7,23.6856, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.94243, %

Acceptable Velocity in Reach,8,99.98064, %
Optimum Depth in Reach,8,0.5144314, %
Acceptable Depth in Reach,8,27.43997, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0, %
Optimum Velocity in Reach,9,99.91988, %
Acceptable Velocity in Reach,9,99.97771, %
Optimum Depth in Reach,9,0.449431, %
Acceptable Depth in Reach,9,25.18299, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.91616, %
Acceptable Velocity in Reach,10,99.97639, %
Optimum Depth in Reach,10,0.4369616, %
Acceptable Depth in Reach,10,24.43138, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.95055, %
Acceptable Velocity in Stream,99.98607, %
Optimum Depth in Stream,0.4647658, %
Acceptable Depth in Stream,23.87617, %
Optimum Depth & Velocity in Stream,0, %
Acceptable Depth & Velocity in Stream,0, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.98302, %
Acceptable Velocity in Reach,1,99.9947, %
Optimum Depth in Reach,1,0.113021, %
Acceptable Depth in Reach,1,4.121819, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0, %
Optimum Velocity in Reach,2,99.93739, %
Acceptable Velocity in Reach,2,99.98779, %
Optimum Depth in Reach,2,0.2194094, %
Acceptable Depth in Reach,2,7.094059, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.85806, %
Acceptable Velocity in Reach,3,99.96843, %
Optimum Depth in Reach,3,1.227578, %
Acceptable Depth in Reach,3,27.40574, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,0, %
Optimum Velocity in Reach,4,99.85435, %
Acceptable Velocity in Reach,4,99.97241, %

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Optimum Depth in Reach,4,1.346171, %
Acceptable Depth in Reach,4,28.49669, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,0, %
Optimum Velocity in Reach,5,99.89786, %
Acceptable Velocity in Reach,5,99.98461, %
Optimum Depth in Reach,5,1.771459, %
Acceptable Depth in Reach,5,34.40323, %
Optimum Depth & Velocity in Reach,5,0, %
Acceptable Depth & Velocity in Reach,5,0, %
Optimum Velocity in Reach,6,99.91616, %
Acceptable Velocity in Reach,6,99.98673, %
Optimum Depth in Reach,6,2.037562, %
Acceptable Depth in Reach,6,38.0008, %
Optimum Depth & Velocity in Reach,6,0, %
Acceptable Depth & Velocity in Reach,6,0, %
Optimum Velocity in Reach,7,99.75671, %
Acceptable Velocity in Reach,7,99.93579, %
Optimum Depth in Reach,7,0.991985, %
Acceptable Depth in Reach,7,24.4465, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.82887, %
Acceptable Velocity in Reach,8,99.95277, %
Optimum Depth in Reach,8,1.197068, %
Acceptable Depth in Reach,8,27.98067, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0, %
Optimum Velocity in Reach,9,99.77528, %
Acceptable Velocity in Reach,9,99.93925, %
Optimum Depth in Reach,9,1.044251, %
Acceptable Depth in Reach,9,26.15535, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.7644, %
Acceptable Velocity in Reach,10,99.93579, %
Optimum Depth in Reach,10,1.025414, %
Acceptable Depth in Reach,10,25.92851, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.85721, %
Acceptable Velocity in Stream,99.96583, %
Optimum Depth in Stream,1.097392, %
Acceptable Depth in Stream,24.40334, %
Optimum Depth & Velocity in Stream,0, %
Acceptable Depth & Velocity in Stream,0, %
```

Stream Health Run 19

Run Date,6/11/2002
Run Time,8:39:43 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityConventionalNoRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Central Stoneroller.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,7926,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,3.375091,Index,5
90-10 Range ,110.3553,Index,5
Number of Storms 3x Median,12678,Index,5
Number of High Flow Events,2994,Index,5
High Flow Duration (hrs) ,146610,Index,5
Number of Low Flow Events ,148,Index,5
Low Flow Duration (hrs) ,19730,Index,3
Overall Index,4.666667
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,1.459196E-05,0,3.051045E-05,0,2.25512E-05,0,1.193887E-05,0,1.193887E-05,0,5.173511E-05,0,3.84697E-05,0,4.908203E-05,0,6.062294E-04,
1,0.1000013,1,0.1000119,1,0.1000279,1,0.1000199,1,0.1000093,1,0.1000093,1,0.1000464,1,0.1000358,1,0.1000438,1,0.1005452,
1,0.1500013,1,0.1500119,1,0.1500252,1,0.1500199,1,0.1500093,1,0.1500093,1,0.1500438,1,0.1500332,1,0.1500411,1,0.150516,
1,0.2000013,1,0.2000119,1,0.2000252,1,0.2000172,1,0.2000093,1,0.2000093,1,0.2000411,1,0.2000305,1,0.2000385,1,0.2004842,
1,0.2500013,1,0.2500093,1,0.2500226,1,0.2500173,1,0.2500093,1,0.2500093,1,0.2500385,1,0.2500279,1,0.2500358,1,0.250455,
1,0.3000013,1,0.3000093,1,0.3000199,1,0.3000146,1,0.3000093,1,0.3000093,1,0.3000358,1,0.3000252,1,0.3000332,1,0.3004232,

1,0.3500013,1,0.3500093,1,0.3500199,1,0.3500146,1,0.3500066,1,0.3500066,1,0.3500332,1,0.3500252,1,0.3500305,1,0.350394,
1,0.4000013,1,0.4000093,1,0.4000172,1,0.4000119,1,0.4000066,1,0.4000066,1,0.4000305,1,0.4000225,1,0.4000279,1,0.4003621,
1,0.4500013,1,0.4500066,1,0.4500172,1,0.4500119,1,0.4500066,1,0.4500066,1,0.4500279,1,0.4500199,1,0.4500252,1,0.450333,
1,0.4999987,1,0.5000066,1,0.5000146,1,0.5000093,1,0.500004,1,0.500004,1,0.5000252,1,0.5000199,1,0.5000252,1,0.5003011,
1,0.5499987,1,0.5500066,1,0.5500119,1,0.5500093,1,0.550004,1,0.550004,1,0.5500225,1,0.5500172,1,0.5500225,1,0.5502719,
1,0.5999987,1,0.600004,1,0.6000119,1,0.6000093,1,0.600004,1,0.600004,1,0.6000199,1,0.6000146,1,0.6000199,1,0.6002427,
1,0.6499987,1,0.650004,1,0.6500093,1,0.6500067,1,0.650004,1,0.650004,1,0.6500173,1,0.650012,1,0.6500173,1,0.6502109,
1,0.6999987,1,0.700004,1,0.7000093,1,0.7000066,1,0.700004,1,0.700004,1,0.7000146,1,0.7000093,1,0.7000146,1,0.7001817,
1,0.7499987,1,0.750004,1,0.7500066,1,0.750004,1,0.7500013,1,0.7500013,1,0.7500119,1,0.7500093,1,0.7500119,1,0.7501499,
1,0.7999987,1,0.8000013,1,0.800004,1,0.800004,1,0.8000013,1,0.8000013,1,0.8000093,1,0.8000066,1,0.8000093,1,0.8001207,
1,0.8499987,1,0.8500013,1,0.850004,1,0.8500013,1,0.8500013,1,0.8500013,1,0.8500066,1,0.850004,1,0.8500066,1,0.8500889,
1,0.8999987,1,0.9000013,1,0.9000013,1,0.9000013,1,0.8999987,1,0.8999987,1,0.900004,1,0.900004,1,0.900004,1,0.9000597,
1,0.9499987,1,0.9499987,1,0.9500013,1,0.9499987,1,0.9499987,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500279,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9129032,0,0.8287289,0,0.4695625,0,0.4597939,0,0.3961596,0,0.3644606,0,0.511131,0,0.469979,0,0.4936551,0,0.5016171,
0.97,0.9216133,0.98,0.8458546,0.97,0.5226056,0.98,0.5138133,0.98,0.4565438,0.99,0.4280152,0.98,0.5600167,0.99,0.5229797,0.99,0.5442892
,0.99,0.5514552,
0.97,0.925967,0.98,0.8544187,0.98,0.5491285,0.98,0.5408243,0.99,0.4867359,0.99,0.4597912,0.98,0.5844622,0.99,0.5494813,0.99,0.5696076,
0.99,0.5763756,
0.97,0.9303234,0.98,0.8629829,0.98,0.5756487,0.98,0.5678353,0.99,0.516928,0.99,0.4915672,0.99,0.6089051,0.99,0.575983,0.99,0.5949233,0
.99,0.6012934,
0.97,0.9346771,0.98,0.871547,0.98,0.6021715,0.98,0.5948464,0.99,0.5471201,0.99,0.5233458,0.99,0.6333479,0.99,0.6024846,0.99,0.6202417,
0.99,0.6262111,
0.97,0.9390308,0.98,0.8801112,0.98,0.6286944,0.98,0.6218548,0.99,0.5773122,0.99,0.5551218,0.99,0.6577908,0.99,0.6289862,0.99,0.6455574
,0.99,0.6511315,
0.98,0.9433872,0.98,0.8886726,0.98,0.6552146,0.98,0.6488658,0.99,0.6075042,0.99,0.5868977,0.99,0.6822336,0.99,0.6554853,0.99,0.6708758
,0.99,0.676052,
0.98,0.9477409,0.98,0.8972368,0.98,0.6817375,0.98,0.6758769,0.99,0.6376963,0.99,0.6186764,0.99,0.7066792,0.99,0.6819869,0.99,0.6961915
,0.99,0.7009697,
0.98,0.9520972,0.98,0.9058009,0.98,0.7082577,0.99,0.7028852,0.99,0.6678884,0.99,0.6504524,0.99,0.731122,0.99,0.7084885,0.99,0.7215099,
0.99,0.7258875,
0.98,0.956451,0.98,0.9143625,0.98,0.7347806,0.99,0.7298962,0.99,0.6980779,0.99,0.6822283,0.99,0.7555649,0.99,0.7349876,0.99,0.7468256,
0.99,0.7508079,
0.98,0.9608047,0.98,0.9229266,0.98,0.7613035,0.99,0.7569073,0.99,0.7282699,0.99,0.714007,0.99,0.7800077,0.99,0.7614892,0.99,0.772144,0
.99,0.7757283,
0.98,0.965161,0.98,0.9314908,0.99,0.7878237,0.99,0.7839157,0.99,0.758462,0.99,0.7457829,0.99,0.8044506,0.99,0.7879908,0.99,0.7974623,0
.99,0.800646,
0.98,0.9695147,0.98,0.9400549,0.99,0.8143466,0.99,0.8109267,0.99,0.7886541,0.99,0.7775615,0.99,0.828896,0.99,0.8144925,0.99,0.822778,0
.99,0.8255638,
0.98,0.9738711,0.98,0.9486191,0.99,0.8408667,0.99,0.8379378,0.99,0.8188462,0.99,0.8093375,0.99,0.8533389,0.99,0.8409941,0.99,0.8480964
,0.99,0.8504842,

0.98,0.9782248,0.99,0.9571806,0.99,0.8673896,0.99,0.8649461,0.99,0.8490382,0.99,0.8411135,0.99,0.8777817,0.99,0.8674931,0.99,0.8734121
,0.99,0.8754046,
0.98,0.9825785,0.99,0.9657447,0.99,0.8939125,0.99,0.8919572,0.99,0.8792303,0.99,0.8728921,0.99,0.9022246,0.99,0.8939947,0.99,0.8987305
,0.99,0.9003224,
0.99,0.9869349,0.99,0.9743088,0.99,0.9204327,0.99,0.9189682,0.99,0.9094224,0.99,0.9046681,0.99,0.9266675,0.99,0.9204964,0.99,0.9240462
,1,0.9252401,
0.99,0.9912886,0.99,0.9828704,0.99,0.9469556,0.99,0.9459792,1,0.9396145,1,0.936444,0.99,0.951113,0.99,0.9469954,0.99,0.9493646,1,0.950
1605,
0.99,0.995645,0.99,0.9914345,1,0.9734758,1,0.9729877,1,0.9698066,1,0.9682227,1,0.9755558,1,0.973497,1,0.9746803,1,0.9750809,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9994866,0,0,0,0.9795195,0,0.9762403,0,0.923436,0,0.9094357,0,0,0,0.9920686,0,0,0,0,
0.03,0.9995371,0,9.999868E-02,0.03,0.9815677,0.03,0.9786148,0.02,0.9310928,0.02,0.9184906,0,9.999868E-02,0.02,0.9928619,0,9.999868E-
02,0,9.999868E-02,
0.03,0.9995636,0,0.1499987,0.03,0.9825918,0.03,0.9798034,0.02,0.9349212,0.02,0.9230195,0,0.1499987,0.02,0.9932572,0,0.1499987,0,0.1499
987,
0.03,0.9995901,0,0.1999987,0.03,0.9836159,0.03,0.980992,0.02,0.9387496,0.02,0.9275483,0,0.1999987,0.02,0.9936551,0,0.1999987,0,0.19999
87,
0.03,0.999614,0,0.2499987,0.03,0.98464,0.03,0.9821806,0.02,0.9425753,0.03,0.9320771,0,0.2499987,0.02,0.9940504,0,0.2499987,0,0.2499987
,
0.03,0.9996405,0,0.2999987,0.03,0.9856641,0.03,0.9833692,0.03,0.9464037,0.04,0.9366059,0,0.2999987,0.02,0.9944484,0,0.2999987,0,0.2999
987,
0.03,0.999667,0,0.3499987,0.03,0.9866881,0.03,0.9845551,0.03,0.9502321,0.05,0.9411321,0,0.3499987,0.02,0.9948437,0,0.3499987,0,0.34999
87,
0.03,0.9996909,0,0.3999987,0.03,0.9877123,0.03,0.9857436,0.03,0.9540606,0.96,0.9456609,0,0.3999987,0.02,0.9952417,0,0.3999987,0,0.3999
987,
0.03,0.9997175,0,0.4499987,0.03,0.9887363,0.03,0.9869322,0.03,0.957889,0.96,0.9501897,0,0.4499987,0.02,0.995637,0,0.4499987,0,0.449998
7,
0.03,0.999744,0,0.4999987,0.03,0.9897578,0.03,0.9881182,0.95,0.9617174,0.96,0.9547158,0,0.4999987,0.02,0.996035,0,0.4999987,0,0.499998
7,
0.03,0.9997678,0,0.5499987,0.03,0.9907818,0.03,0.9893067,0.95,0.9655457,0.96,0.9592447,0,0.5499987,0.02,0.9964303,0,0.5499987,0,0.5499
987,
0.03,0.9997944,0,0.5999987,0.03,0.991806,0.03,0.9904953,0.96,0.9693741,0.96,0.9637735,0,0.5999987,0.02,0.9968256,0,0.5999987,0,0.59999
87,
0.03,0.9998183,0,0.6499987,0.03,0.99283,0.03,0.9916839,0.96,0.9732025,0.96,0.9683023,0,0.6499987,0.02,0.9972236,0,0.6499987,0,0.649998
7,
0.03,0.9998448,0,0.6999987,0.03,0.9938541,0.03,0.9928725,0.96,0.9770309,0.96,0.9728311,0,0.6999987,0.02,0.9976189,0,0.6999987,0,0.6999
987,
0.03,0.9998713,0,0.7499987,0.03,0.9948782,0.03,0.9940584,0.96,0.9808593,0.97,0.9773573,0,0.7499987,0.02,0.9980168,0,0.7499987,0,0.7499
987,
0.03,0.9998952,0,0.7999987,0.03,0.9959023,0.03,0.995247,0.96,0.9846851,0.97,0.9818861,0,0.7999987,0.02,0.9984121,0,0.7999987,0,0.79999
87,

0.03,0.9999217,0,0.8499987,0.03,0.9969264,0.03,0.9964356,0.97,0.9885135,0.98,0.9864149,0,0.8499987,0.02,0.9988101,0,0.8499987,0,0.8499987,
0.03,0.9999483,0,0.8999987,0.03,0.9979505,0.03,0.9976215,0.97,0.9923419,0.98,0.990941,0,0.8999987,0.02,0.9992054,0,0.8999987,0,0.8999987,
0.03,0.9999722,0,0.9499987,0.03,0.9989746,0.03,0.9988101,0.97,0.9961703,0.98,0.9954699,0,0.9499987,0.02,0.9996034,0,0.9499987,0,0.9499987,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.989812E-05,0,5.43882E-05,0,8.622519E-05,0,7.295978E-05,0,6.234745E-05,0,4.642895E-05,0,4.768916E-03,0,3.161148E-03,0,6.347501E-03,0,7.201794E-03,
0.99,0.1000172,0.03,0.1000491,0.04,0.1000783,0.03,0.100065,0.04,0.100057,0.04,0.1000411,0.02,0.1042914,0.02,0.1028454,0.01,0.1057134,0.01,0.1064828,
0.99,0.1500172,0.03,0.1500464,0.04,0.150073,0.04,0.1500624,0.99,0.1500517,0.99,0.1500385,0.02,0.1540526,0.02,0.1526863,0.02,0.155395,0.02,0.156122,
0.99,0.2000146,0.99,0.2000438,0.05,0.2000677,0.04,0.200057,0.99,0.2000491,0.99,0.2000358,0.02,0.2038138,0.02,0.2025297,0.02,0.2050767,0.02,0.2057612,
0.99,0.2500146,1,0.2500411,0.99,0.250065,0.99,0.2500544,0.99,0.2500464,0.99,0.2500358,0.02,0.253575,0.99,0.2523705,0.02,0.254761,0.02,0.2554004,
0.99,0.3000146,1,0.3000385,0.99,0.3000597,0.99,0.3000517,0.99,0.3000438,0.99,0.3000332,0.99,0.3033389,1,0.3022113,1,0.3044426,1,0.3050395,
0.99,0.3500119,1,0.3500358,0.99,0.3500544,0.99,0.3500464,0.99,0.3500411,0.99,0.3500305,1,0.3531001,1,0.3520548,1,0.3541242,1,0.3546814,
0.99,0.4000119,1,0.4000332,0.99,0.4000517,0.99,0.4000438,0.99,0.4000358,0.99,0.4000279,1,0.4028614,1,0.4018956,1,0.4038085,1,0.4043205,
0.99,0.4500093,1,0.4500305,0.99,0.4500464,0.99,0.4500385,0.99,0.4500332,0.99,0.4500252,1,0.4526226,1,0.4517391,1,0.4534901,1,0.4539597,
0.99,0.5000093,1,0.5000252,0.99,0.5000411,0.99,0.5000358,0.99,0.5000305,0.99,0.5000225,1,0.5023838,1,0.5015799,1,0.5031717,1,0.5036016,
1,0.5500093,1,0.5500225,0.99,0.5500385,0.99,0.5500332,0.99,0.5500278,0.99,0.5500199,1,0.552145,1,0.5514207,1,0.552856,1,0.5532407,
1,0.6000066,1,0.6000199,0.99,0.6000332,0.99,0.6000279,0.99,0.6000252,0.99,0.6000172,1,0.6019062,1,0.6012642,1,0.6025377,1,0.6028799,
1,0.6500067,1,0.6500173,0.99,0.6500305,1,0.6500252,0.99,0.6500199,0.99,0.6500146,1,0.6516675,1,0.651105,1,0.652222,1,0.6525191,
1,0.700004,1,0.7000146,1,0.7000252,1,0.7000199,1,0.7000173,1,0.700012,1,0.7014287,1,0.7009485,1,0.7019036,1,0.7021583,
1,0.750004,1,0.7500119,1,0.7500199,1,0.7500172,1,0.7500146,1,0.7500093,1,0.7511926,1,0.7507893,1,0.7515852,1,0.7518001,
1,0.800004,1,0.8000093,1,0.8000172,1,0.8000146,1,0.8000119,1,0.8000093,1,0.8009538,1,0.8006301,1,0.8012695,1,0.8014393,
1,0.8500013,1,0.8500066,1,0.8500119,1,0.8500093,1,0.8500093,1,0.8500066,1,0.850715,1,0.8504736,1,0.8509511,1,0.8510785,
1,0.9000013,1,0.900004,1,0.9000067,1,0.9000067,1,0.900004,1,0.900004,1,0.9004762,1,0.9003144,1,0.9006327,1,0.9007203,
1,0.9499987,1,0.9500013,1,0.950004,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9502375,1,0.9501579,1,0.950317,1,0.9503595,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9969158,0,0.9925408,0,0.946218,0,0.9431537,0,0.9221201,0,0.9091359,0,0.9564059,0,0.946677,0,0.952397,0,0.9538297,
0.93,0.9972236,0.94,0.9932864,0.93,0.9515958,0.94,0.9488392,0.95,0.9299069,0.96,0.9182227,0.96,0.9607649,0.96,0.9520097,0.96,0.9571567
,0.97,0.9584461,
0.93,0.9973775,0.94,0.9936604,0.93,0.954286,0.94,0.9516807,0.95,0.9338016,0.96,0.9227648,0.96,0.9629457,0.96,0.954676,0.96,0.9595365,0
.97,0.9607543,
0.93,0.9975313,0.94,0.9940319,0.94,0.9569736,0.94,0.9545222,0.96,0.9376963,0.96,0.9273095,0.96,0.9651239,0.96,0.9573424,0.96,0.9619163
,0.97,0.9630625,
0.93,0.9976852,0.94,0.994406,0.94,0.9596639,0.94,0.9573636,0.96,0.9415884,0.96,0.9318516,0.96,0.9673047,0.96,0.9600061,0.97,0.9642988,
0.97,0.9653707,
0.93,0.9978417,0.94,0.9947774,0.94,0.9623514,0.95,0.9602078,0.96,0.9454831,0.96,0.9363937,0.96,0.9694829,0.96,0.9626725,0.97,0.9666786
,0.97,0.9676815,
0.93,0.9979956,0.94,0.9951515,0.94,0.9650416,0.95,0.9630492,0.96,0.9493778,0.96,0.9409384,0.96,0.9716638,0.96,0.9653388,0.97,0.9690584
,0.97,0.9699897,
0.93,0.9981495,0.94,0.9955229,0.94,0.9677292,0.95,0.9658906,0.96,0.9532726,0.96,0.9454805,0.96,0.9738419,0.96,0.9680051,0.97,0.9714382
,0.97,0.9722978,
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0.97,0.974606,
0.95,0.9984573,0.95,0.9962685,0.95,0.973107,0.96,0.9715762,0.97,0.9610594,0.97,0.9545673,0.97,0.978201,0.97,0.9733378,0.97,0.9761978,0
.98,0.9769142,
0.95,0.9986111,0.96,0.9966425,0.95,0.9757972,0.96,0.9744176,0.97,0.9649541,0.97,0.9591094,0.97,0.9803818,0.97,0.9760042,0.97,0.9785777
,0.98,0.9792224,
0.95,0.998765,0.96,0.9970166,0.96,0.9784875,0.96,0.9772618,0.97,0.9688462,0.97,0.9636541,0.97,0.9825626,0.97,0.9786705,0.98,0.9809575,
0.98,0.9815305,
0.95,0.9989189,0.96,0.9973881,0.96,0.9811751,0.96,0.9801032,0.97,0.9727409,0.97,0.9681962,0.97,0.9847408,0.97,0.9813369,0.98,0.9833373
,0.98,0.9838387,
0.95,0.9990727,0.96,0.9977621,0.96,0.9838653,0.96,0.9829447,0.97,0.9766356,0.98,0.9727409,0.97,0.9869216,0.98,0.9840032,0.98,0.9857171
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0.95,0.9992293,0.96,0.9981335,0.96,0.9865528,0.96,0.9857888,0.97,0.9805303,0.98,0.977283,0.97,0.9890998,0.98,0.9866696,0.98,0.988097,0
.98,0.9884577,
0.96,0.9993832,0.96,0.9985076,0.96,0.9892431,0.97,0.9886302,0.97,0.9844224,0.98,0.9818251,0.97,0.9912806,0.98,0.9893333,0.98,0.9904794
,0.98,0.9907659,
0.96,0.9995371,0.96,0.9988791,0.96,0.9919307,0.97,0.9914716,0.97,0.9883171,0.98,0.9863698,0.97,0.9934588,0.98,0.9919996,0.98,0.9928592
,0.98,0.9930741,
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,0.99,0.9976905,
0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,
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0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,
0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,
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0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,1.459196E-05,0,8.622519E-05,0,0,0.3631314,0,0.9087061,0,0.9102847,0,0
1,0.1000119,0.04,0.1000783,0.24,0.4268187,0.13,0.9178354,0.01,0.9192547,0,9.999868E-02
1,0.1500119,0.27,0.150073,0.31,0.458661,0.13,0.9224013,0.01,0.9237411,0,0.1499987
1,0.2000119,0.29,0.2000677,0.52,0.4905059,0.23,0.9269646,0.01,0.9282275,0,0.1999987
1,0.2500093,0.57,0.250065,0.94,0.5223482,0.23,0.9315279,0.01,0.9327139,0,0.2499987
1,0.3000093,0.99,0.3000597,0.95,0.5541905,0.23,0.9360939,0.01,0.9372002,0,0.2999987
1,0.3500093,0.99,0.3500544,0.95,0.5860355,0.23,0.9406598,0.01,0.9416839,0,0.3499987
1,0.4000093,1,0.4000517,0.95,0.6178778,0.3,0.9452232,0.13,0.9461703,0,0.3999987
1,0.4500066,1,0.4500464,0.95,0.6497228,0.45,0.9497864,0.13,0.9506567,0,0.4499987
1,0.5000066,1,0.5000411,0.95,0.681565,0.51,0.9543524,0.13,0.9551404,0,0.4999987
1,0.5500066,1,0.5500385,0.95,0.7134073,0.77,0.9589183,0.13,0.9596267,0,0.5499987
1,0.600004,1,0.6000332,0.95,0.7452523,0.92,0.9634817,0.23,0.9641131,0,0.5999987
1,0.650004,1,0.6500305,0.95,0.7770946,0.92,0.9680449,0.23,0.9685994,0,0.6499987
1,0.700004,1,0.7000252,0.95,0.8089396,0.93,0.9726109,0.23,0.9730858,0,0.6999987
1,0.750004,1,0.7500199,0.97,0.8407819,0.93,0.9771768,0.23,0.9775695,0,0.7499987
1,0.8000013,1,0.8000172,0.98,0.8726242,0.93,0.9817402,0.23,0.9820559,0,0.7999987
1,0.8500013,1,0.8500119,0.98,0.9044691,0.93,0.9863034,0.23,0.9865422,0,0.8499987
1,0.9000013,1,0.9000067,0.99,0.9363114,0.93,0.9908694,0.23,0.9910259,0,0.8999987

1,0.9499987,1,0.950004,1,0.9681564,0.94,0.9954354,0.23,0.9955123,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.98,0.9999987,0.28,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,9.28579E-06,0,6.234745E-05,0,1.154091E-04,0,8.357211E-05,0,6.234745E-05,0,4.908203E-05,0,2.321448E-04,0,1.498992E-04,0,2.003078E-
04,0,3.697071E-03,
1,0.1000093,1,0.100057,1,0.1001048,1,0.1000756,1,0.100057,1,0.1000438,0.04,0.1002083,0.04,0.100134,0.03,0.1001791,0.03,0.1033283,
1,0.1500066,1,0.1500517,1,0.1500968,1,0.1500703,1,0.1500517,1,0.1500411,1,0.1501977,1,0.150126,1,0.1501711,1,0.1531426,
1,0.2000066,1,0.2000491,1,0.2000915,1,0.2000677,1,0.2000491,1,0.2000385,1,0.2001844,1,0.2001207,1,0.2001605,1,0.2029569,
1,0.2500066,1,0.2500464,1,0.2500862,1,0.2500623,1,0.2500464,1,0.2500358,1,0.2501738,1,0.2501127,1,0.2501499,1,0.2527738,
1,0.3000066,1,0.3000438,1,0.3000809,1,0.3000571,1,0.3000438,1,0.3000332,1,0.3001631,1,0.3001048,1,0.3001393,1,0.3025881,
1,0.3500066,1,0.3500411,1,0.3500756,1,0.3500544,1,0.3500411,1,0.3500305,1,0.3501499,1,0.3500969,1,0.3501287,1,0.3524024,
1,0.400004,1,0.4000358,1,0.4000677,1,0.4000491,1,0.4000358,1,0.4000279,1,0.4001393,1,0.4000889,1,0.4001207,1,0.4022166,
1,0.450004,1,0.4500332,1,0.4500623,1,0.4500464,1,0.4500332,1,0.4500252,1,0.450126,1,0.4500809,1,0.4501101,1,0.4520336,
1,0.500004,1,0.5000305,1,0.500057,1,0.5000411,1,0.5000305,1,0.5000252,1,0.5001154,1,0.500073,1,0.5000995,1,0.5018479,
1,0.550004,1,0.5500278,1,0.5500517,1,0.5500358,1,0.5500278,1,0.5500225,1,0.5501048,1,0.5500677,1,0.5500889,1,0.5516621,
1,0.600004,1,0.6000252,1,0.6000465,1,0.6000332,1,0.6000252,1,0.6000199,1,0.6000915,1,0.6000597,1,0.6000783,1,0.6014791,
1,0.6500013,1,0.6500199,1,0.6500385,1,0.6500279,1,0.6500199,1,0.6500173,1,0.6500809,1,0.6500517,1,0.6500703,1,0.6512934,
1,0.7000013,1,0.7000173,1,0.7000332,1,0.7000252,1,0.7000173,1,0.7000146,1,0.7000676,1,0.7000438,1,0.7000597,1,0.7011077,
1,0.7500013,1,0.7500146,1,0.7500278,1,0.7500199,1,0.7500146,1,0.7500119,1,0.750057,1,0.7500358,1,0.7500491,1,0.750922,
1,0.8000013,1,0.8000119,1,0.8000225,1,0.8000146,1,0.8000119,1,0.8000093,1,0.8000464,1,0.8000278,1,0.8000385,1,0.8007389,
1,0.8500013,1,0.8500093,1,0.8500172,1,0.8500119,1,0.8500093,1,0.8500066,1,0.8500332,1,0.8500226,1,0.8500279,1,0.8505532,
1,0.8999987,1,0.900004,1,0.9000093,1,0.9000067,1,0.900004,1,0.900004,1,0.9000226,1,0.9000146,1,0.9000199,1,0.9003674,
1,0.9499987,1,0.9500013,1,0.950004,1,0.950004,1,0.9500013,1,0.9500013,1,0.9500093,1,0.9500066,1,0.9500093,1,0.9501844,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.8996829,0,0.8552465,0,0.5789862,0,0.5596851,0,0.4905378,0,0.4543179,0,0.5941699,0,0.5504524,0,0.5674905,0,0.5660551,
0.97,0.9097143,0.98,0.8697217,0.97,0.621088,0.98,0.6037157,0.98,0.541485,0.99,0.5088865,0.98,0.6347541,0.98,0.5954062,0.99,0.610741,0.
99,0.609449,
0.97,0.9147313,0.98,0.8769593,0.97,0.6421376,0.98,0.6257309,0.98,0.5669572,0.99,0.5361708,0.98,0.6550449,0.99,0.6178831,0.99,0.6323663
,0.99,0.6311459,
0.98,0.9197456,0.98,0.8841969,0.98,0.6631898,0.98,0.6477489,0.99,0.5924294,0.99,0.5634551,0.99,0.6753356,0.99,0.6403627,0.99,0.6539916
,0.99,0.6528428,
0.98,0.9247625,0.98,0.8914346,0.98,0.6842394,0.98,0.6697642,0.99,0.6179017,0.99,0.5907394,0.99,0.6956264,0.99,0.6628396,0.99,0.6756169
,0.99,0.6745397,

0.98,0.9297768,0.98,0.8986721,0.98,0.7052889,0.98,0.6917794,0.99,0.6433766,0.99,0.6180211,0.99,0.7159172,0.99,0.6853165,0.99,0.6972421
,0.99,0.6962392,
0.98,0.9347938,0.98,0.9059097,0.98,0.7263411,0.98,0.7137947,0.99,0.6688488,0.99,0.6453054,0.99,0.7362106,0.99,0.7077934,0.99,0.7188674
,0.99,0.7179362,
0.98,0.9398082,0.98,0.9131473,0.98,0.7473907,0.98,0.73581,0.99,0.6943211,0.99,0.6725897,0.99,0.7565014,0.99,0.7302703,0.99,0.7404927,0
.99,0.7396331,
0.98,0.9448252,0.98,0.9203849,0.98,0.7684429,0.99,0.7578253,0.99,0.719796,0.99,0.699874,0.99,0.7767922,0.99,0.7527472,0.99,0.762118,0.
99,0.76133,
0.98,0.9498395,0.98,0.9276226,0.98,0.7894925,0.99,0.7798405,0.99,0.7452682,0.99,0.7271583,0.99,0.7970856,0.99,0.7752242,0.99,0.7837459
,0.99,0.7830269,
0.98,0.9548565,0.99,0.9348602,0.98,0.810542,0.99,0.8018585,0.99,0.7707404,0.99,0.7544426,0.99,0.8173764,0.99,0.7977037,0.99,0.8053712,
0.99,0.8047238,
0.99,0.9598734,0.99,0.9420978,0.98,0.8315942,0.99,0.8238738,0.99,0.7962154,0.99,0.7817269,0.99,0.8376672,0.99,0.8201807,0.99,0.8269964
,0.99,0.8264207,
0.99,0.9648878,0.99,0.9493354,0.99,0.8526438,0.99,0.845889,0.99,0.8216876,0.99,0.8090112,0.99,0.8579579,0.99,0.8426576,0.99,0.8486217,
0.99,0.8481176,
0.99,0.9699048,0.99,0.956573,0.99,0.873696,0.99,0.8679043,0.99,0.8471599,0.99,0.8362955,0.99,0.8782487,0.99,0.8651345,0.99,0.870247,0.
99,0.8698146,
0.99,0.9749191,0.99,0.9638106,0.99,0.8947456,0.99,0.8899196,0.99,0.8726348,0.99,0.8635771,0.99,0.8985421,0.99,0.8876114,0.99,0.8918723
,0.99,0.8915141,
0.99,0.9799361,0.99,0.9710482,0.99,0.9157951,0.99,0.9119349,0.99,0.8981071,0.99,0.8908615,0.99,0.9188329,0.99,0.9100884,0.99,0.9134976
,1,0.913211,
0.99,0.9849504,0.99,0.9782858,0.99,0.9368473,0.99,0.9339528,0.99,0.9235793,1,0.9181458,0.99,0.9391237,1,0.9325679,1,0.9351228,1,0.9349
079,
0.99,0.9899673,0.99,0.9855235,0.99,0.9578969,0.99,0.9559681,1,0.9490515,1,0.94543,1,0.9594171,1,0.9550449,1,0.9567481,1,0.9566048,
1,0.9949817,1,0.9927611,1,0.9789491,1,0.9779834,1,0.9745264,1,0.9727144,1,0.9797079,1,0.9775218,1,0.9783734,1,0.9783018,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9957405,0,0,0,0.968557,0,0.9626486,0,0.9034689,0,0.8873063,0,0,0,0.9869694,0,0,0,0,
0.03,0.9961676,0,9.999868E-02,0.03,0.9717009,0.03,0.9663841,0.02,0.9131208,0.02,0.8985766,0,9.999868E-02,0.02,0.9882721,0,9.999868E-
02,0,9.999868E-02,
0.03,0.9963799,0,0.1499987,0.03,0.9732742,0.03,0.9682519,0.02,0.9179494,0.02,0.9042091,0,0.1499987,0.02,0.9889247,0,0.1499987,0,0.1499
987,
0.03,0.9965921,0,0.1999987,0.03,0.9748448,0.03,0.9701197,0.02,0.9227754,0.02,0.9098443,0,0.1999987,0.02,0.9895747,0,0.1999987,0,0.1999
987,
0.03,0.9968044,0,0.2499987,0.03,0.9764181,0.03,0.9719874,0.02,0.9276013,0.02,0.9154794,0,0.2499987,0.02,0.9902273,0,0.2499987,0,0.2499
987,
0.03,0.9970166,0,0.2999987,0.03,0.9779887,0.03,0.9738525,0.02,0.9324273,0.02,0.9211146,0,0.2999987,0.02,0.9908774,0,0.2999987,0,0.2999
987,
0.03,0.9972315,0,0.3499987,0.03,0.979562,0.03,0.9757203,0.02,0.9372532,0.02,0.9267497,0,0.3499987,0.02,0.9915301,0,0.3499987,0,0.34999
87,

0.03,0.9974437,0,0.3999987,0.03,0.9811326,0.03,0.9775881,0.03,0.9420819,0.02,0.9323822,0,0.3999987,0.02,0.99218,0,0.3999987,0,0.399998
7,
0.03,0.997656,0,0.4499987,0.03,0.9827059,0.03,0.9794558,0.03,0.9469078,0.03,0.9380174,0,0.4499987,0.02,0.9928327,0,0.4499987,0,0.44999
87,
0.03,0.9978709,0,0.4999987,0.03,0.9842765,0.03,0.9813236,0.03,0.9517338,0.04,0.9436525,0,0.4999987,0.02,0.9934827,0,0.4999987,0,0.4999
987,
0.03,0.9980832,0,0.5499987,0.03,0.9858498,0.03,0.9831914,0.03,0.9565597,0.05,0.9492877,0,0.5499987,0.02,0.9941354,0,0.5499987,0,0.5499
987,
0.03,0.9982954,0,0.5999987,0.03,0.9874231,0.03,0.9850591,0.03,0.9613857,0.96,0.9549228,0,0.5999987,0.02,0.994788,0,0.5999987,0,0.59999
87,
0.03,0.9985076,0,0.6499987,0.03,0.9889937,0.03,0.9869269,0.05,0.9662143,0.96,0.9605553,0,0.6499987,0.02,0.995438,0,0.6499987,0,0.64999
87,
0.03,0.9987199,0,0.6999987,0.03,0.990567,0.03,0.9887947,0.95,0.9710402,0.96,0.9661905,0,0.6999987,0.02,0.9960907,0,0.6999987,0,0.69999
87,
0.03,0.9989348,0,0.7499987,0.03,0.9921376,0.03,0.9906598,0.96,0.9758663,0.96,0.9718256,0,0.7499987,0.02,0.9967407,0,0.7499987,0,0.7499
987,
0.03,0.9991471,0,0.7999987,0.03,0.9937109,0.03,0.9925276,0.96,0.9806922,0.97,0.9774607,0,0.7999987,0.02,0.9973934,0,0.7999987,0,0.7999
987,
0.03,0.9993593,0,0.8499987,0.03,0.9952815,0.03,0.9943954,0.96,0.9855182,0.97,0.9830959,0,0.8499987,0.02,0.9980434,0,0.8499987,0,0.8499
987,
0.03,0.9995742,0,0.8999987,0.03,0.9968548,0.03,0.9962631,0.97,0.9903467,0.98,0.9887284,0,0.8999987,0.02,0.998696,0,0.8999987,0,0.89999
87,
0.03,0.9997864,0,0.9499987,0.03,0.9984254,0.03,0.9981309,0.97,0.9951727,0.98,0.9943635,0,0.9499987,0.02,0.999346,0,0.9499987,0,0.94999
87,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999
987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,9.153136E-05,0,3.780643E-04,0,8.025576E-04,0,6.672504E-04,0,3.488804E-04,0,2.639818E-04,0,0.0155086,0,1.153693E-02,0,2.284437E-
02,0,2.750584E-02,
0.99,0.1000836,0.03,0.1003409,0.04,0.100723,0.03,0.1006009,0.03,0.1003144,0.03,0.1002375,0.02,0.1139565,0.02,0.1103828,0.01,0.1205601,
0.01,0.1247546,
0.99,0.1500783,0.99,0.1503223,0.04,0.1506832,0.04,0.1505664,0.04,0.1502958,0.99,0.1502242,0.02,0.1631818,0.02,0.1598071,0.02,0.1694166
,0.02,0.1733803,
0.99,0.200073,1,0.2003011,0.99,0.2006407,0.99,0.2005346,0.99,0.2002799,0.99,0.2002109,0.02,0.2124071,0.03,0.2092288,0.02,0.2182758,0.0
2,0.2220033,
0.99,0.2500677,1,0.2502826,0.99,0.2506009,0.99,0.2505001,0.99,0.2502613,0.99,0.2501976,0.99,0.2616298,0.99,0.258653,1,0.2671323,1,0.27
0629,
0.99,0.3000624,1,0.300264,0.99,0.3005611,0.99,0.3004656,0.99,0.3002428,0.99,0.3001844,1,0.3108551,1,0.3080747,1,0.3159915,1,0.3192548,
0.99,0.3500597,1,0.3502454,0.99,0.3505213,0.99,0.3504338,0.99,0.3502268,0.99,0.3501711,1,0.3600804,1,0.3574989,1,0.364848,1,0.3678778,
0.99,0.4000544,1,0.4002268,0.99,0.4004815,0.99,0.4003993,0.99,0.4002083,0.99,0.4001579,1,0.4093057,1,0.4069206,1,0.4137072,1,0.4165035
,
1,0.4500491,1,0.4502083,0.99,0.4504417,0.99,0.4503675,0.99,0.4501924,0.99,0.4501446,1,0.4585283,1,0.4563448,1,0.4625637,1,0.4651265,

1,0.5000464,1,0.5001897,0.99,0.5004019,0.99,0.500333,0.99,0.5001737,0.99,0.5001313,1,0.5077536,1,0.5057665,1,0.5114229,1,0.5137523,
1,0.5500411,1,0.5501685,0.99,0.5503595,0.99,0.5502985,0.99,0.5501552,0.99,0.5501181,1,0.5569789,1,0.5551907,1,0.5602794,1,0.5623779,
1,0.6000358,1,0.6001499,0.99,0.6003197,0.99,0.6002666,0.99,0.6001393,0.99,0.6001048,1,0.6062016,1,0.604615,1,0.6091359,1,0.611001,
1,0.6500305,1,0.6501313,0.99,0.6502799,1,0.6502321,0.99,0.6501207,0.99,0.6500915,1,0.6554269,1,0.6540366,1,0.657995,1,0.6596267,
1,0.7000252,1,0.7001128,1,0.7002401,1,0.7002003,1,0.7001048,1,0.7000782,1,0.7046522,1,0.7034609,1,0.7068516,1,0.7082497,
1,0.7500225,1,0.7500942,1,0.7502003,1,0.7501658,1,0.7500862,1,0.750065,1,0.7538775,1,0.7528826,1,0.7557108,1,0.7568755,
1,0.8000172,1,0.8000756,1,0.8001605,1,0.8001313,1,0.8000677,1,0.8000517,1,0.8031001,1,0.8023068,1,0.8045673,1,0.8055012,
1,0.8500119,1,0.8500544,1,0.850118,1,0.8500995,1,0.8500518,1,0.8500385,1,0.8523254,1,0.8517285,1,0.8534265,1,0.8541242,
1,0.9000093,1,0.9000358,1,0.9000782,1,0.900065,1,0.9000332,1,0.9000252,1,0.9015507,1,0.9011528,1,0.902283,1,0.9027499,
1,0.950004,1,0.9500173,1,0.9500385,1,0.9500332,1,0.9500173,1,0.950012,1,0.9507734,1,0.9505744,1,0.9511421,1,0.951373,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9755346,0,0.9658774,0,0.919276,0,0.9135586,0,0.894987,0,0.8833426,0,0.9177107,0,0.9078704,0,0.9114414,0,0.9107463,
0.11,0.9779807,0.08,0.9692892,0.07,0.9273493,0.07,0.9222023,0.05,0.9054879,0.05,0.8950082,0.05,0.9259405,0.05,0.9170845,0.05,0.9202974
,0.04,0.9196713,
0.11,0.9792038,0.09,0.9709952,0.08,0.9313846,0.07,0.9265242,0.06,0.9107383,0.05,0.9008424,0.06,0.9300528,0.06,0.9216903,0.05,0.9247254
,0.05,0.9241338,
0.93,0.9804269,0.1,0.9727011,0.09,0.93542,0.08,0.9308461,0.07,0.9159888,0.06,0.9066738,0.07,0.9341677,0.06,0.9262961,0.06,0.9291534,0.
97,0.9285963,
0.93,0.9816499,0.94,0.974407,0.1,0.9394553,0.09,0.935168,0.07,0.9212393,0.96,0.9125053,0.96,0.9382827,0.96,0.9309018,0.96,0.9335814,0.
97,0.9330587,
0.93,0.982873,0.94,0.976113,0.93,0.9434933,0.94,0.9394898,0.95,0.9264897,0.96,0.9183394,0.96,0.9423976,0.96,0.9355075,0.96,0.9380094,0
.97,0.9375212,
0.93,0.9840961,0.94,0.9778189,0.94,0.9475287,0.94,0.9438117,0.96,0.9317402,0.96,0.9241736,0.96,0.9465125,0.96,0.9401159,0.97,0.9424374
,0.97,0.9419837,
0.94,0.9853191,0.95,0.9795249,0.94,0.951564,0.95,0.9481335,0.96,0.9369906,0.96,0.930005,0.96,0.9506248,0.96,0.9447217,0.97,0.9468654,0
.97,0.9464462,
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.98,0.9553738,
0.95,0.988991,0.96,0.9846453,0.95,0.9636726,0.96,0.9611018,0.97,0.9527446,0.97,0.9475048,0.97,0.9629696,0.97,0.9585416,0.97,0.9601467,
0.98,0.9598363,
0.95,0.9902141,0.96,0.9863512,0.96,0.9677107,0.96,0.9654237,0.97,0.9579951,0.97,0.9533362,0.97,0.9670845,0.97,0.9631473,0.98,0.9645747
,0.98,0.9642988,
0.95,0.9914372,0.96,0.9880571,0.96,0.971746,0.96,0.9697456,0.97,0.9632455,0.97,0.9591677,0.97,0.9711968,0.97,0.9677531,0.98,0.9690027,
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0.98,0.9732237,
0.96,0.9938833,0.97,0.991469,0.96,0.9798193,0.97,0.9783893,0.97,0.9737464,0.98,0.970836,0.97,0.9794267,0.98,0.9769673,0.98,0.9778587,0
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0.99,0.9910737,
0.97,0.9987756,0.98,0.9982927,0.98,0.9959633,0.98,0.9956768,0.98,0.9947482,0.99,0.9941672,0.98,0.9958838,0.99,0.9953929,0.99,0.9955707
,0.99,0.9955362,
0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,6.765361E-05,0,6.009233E-04,0,0.4453903,0,0.8700188,0,0.8917927,0,0
0.42,0.1000597,0.04,0.1005399,0.24,0.5008503,0.1,0.8830163,0.01,0.9026146,0,9.999868E-02
1,0.150057,0.2,0.1505107,0.24,0.5285803,0.12,0.8895164,0.01,0.9080243,0,0.1499987

1,0.2000544,0.38,0.2004815,0.41,0.556313,0.19,0.8960137,0.01,0.9134339,0,0.1999987
1,0.2500517,0.64,0.2504497,0.61,0.584043,0.23,0.9025138,0.01,0.9188435,0,0.2499987
1,0.3000464,0.99,0.3004205,0.83,0.6117731,0.23,0.9090139,0.01,0.9242532,0,0.2999987
1,0.3500438,0.99,0.3503913,0.94,0.6395031,0.32,0.9155113,0.01,0.9296654,0,0.3499987
1,0.4000411,1,0.4003595,0.95,0.6672331,0.43,0.9220113,0.01,0.9350751,0,0.3999987
1,0.4500358,1,0.4503303,0.95,0.6949631,0.5,0.9285087,0.01,0.9404847,0,0.4499987
1,0.5000331,1,0.5003011,0.95,0.7226931,0.58,0.9350088,0.01,0.945897,0,0.4999987
1,0.5500305,1,0.5502693,0.95,0.7504258,0.66,0.9415088,0.08,0.9513066,0,0.5499987
1,0.6000252,1,0.6002401,0.95,0.7781559,0.73,0.9480062,0.12,0.9567163,0,0.5999987
1,0.6500226,1,0.6502083,0.95,0.8058859,0.81,0.9545063,0.12,0.9621259,0,0.6499987
1,0.7000199,1,0.7001791,0.95,0.8336159,0.87,0.9610037,0.13,0.9675356,0,0.6999987
1,0.7500146,1,0.7501499,0.97,0.8613459,0.92,0.9675037,0.2,0.9729478,0,0.7499987
1,0.8000119,1,0.8001181,0.98,0.8890759,0.93,0.9740038,0.23,0.9783575,0,0.7999987
1,0.8500093,1,0.8500889,0.99,0.9168086,0.93,0.9805012,0.23,0.9837671,0,0.8499987
1,0.9000067,1,0.9000597,0.99,0.9445387,0.93,0.9870012,0.23,0.9891794,0,0.8999987
1,0.9500013,1,0.9500279,1,0.9722686,0.95,0.9934986,0.23,0.994589,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.98,0.9999987,0.32,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99761, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,0.3082874, %
Acceptable Depth in Reach,1,8.709517, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,5.120436E-02, %
Optimum Velocity in Reach,2,99.99416, %
Acceptable Velocity in Reach,2,99.99814, %
Optimum Depth in Reach,2,0.7457796, %
Acceptable Depth in Reach,2,17.12693, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.99098, %
Acceptable Velocity in Reach,3,99.99655, %
Optimum Depth in Reach,3,5.37805, %
Acceptable Depth in Reach,3,53.04348, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,2.047909, %
Optimum Velocity in Reach,4,99.9923, %
Acceptable Velocity in Reach,4,99.99734, %
Optimum Depth in Reach,4,5.684481, %
Acceptable Depth in Reach,4,54.02034, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,2.375829, %

Optimum Velocity in Reach,5,99.99336, %
Acceptable Velocity in Reach,5,99.99841, %
Optimum Depth in Reach,5,7.787838, %
Acceptable Depth in Reach,5,60.38374, %
Optimum Depth & Velocity in Reach,5,3.873491E-02, %
Acceptable Depth & Velocity in Reach,5,7.656246, %
Optimum Velocity in Reach,6,99.99496, %
Acceptable Velocity in Reach,6,99.99841, %
Optimum Depth in Reach,6,9.086254, %
Acceptable Depth in Reach,6,63.55364, %
Optimum Depth & Velocity in Reach,6,2.225135, %
Acceptable Depth & Velocity in Reach,6,9.056274, %
Optimum Velocity in Reach,7,99.98276, %
Acceptable Velocity in Reach,7,99.99443, %
Optimum Depth in Reach,7,4.359269, %
Acceptable Depth in Reach,7,48.88663, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.98806, %
Acceptable Velocity in Reach,8,99.99576, %
Optimum Depth in Reach,8,5.332152, %
Acceptable Depth in Reach,8,53.00182, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0.7930044, %
Optimum Velocity in Reach,9,99.98222, %
Acceptable Velocity in Reach,9,99.9947, %
Optimum Depth in Reach,9,4.760149, %
Acceptable Depth in Reach,9,50.63422, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.98222, %
Acceptable Velocity in Reach,10,99.99522, %
Optimum Depth in Reach,10,4.616883, %
Acceptable Depth in Reach,10,49.83803, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.98987, %
Acceptable Velocity in Stream,99.99684, %
Optimum Depth in Stream,4.805914, %
Acceptable Depth in Stream,45.91984, %
Optimum Depth & Velocity in Stream,0.226387, %
Acceptable Depth & Velocity in Stream,2.198047, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99045, %

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Acceptable Velocity in Reach,1,99.99867, %
Optimum Depth in Reach,1,2.446401, %
Acceptable Depth in Reach,1,10.03155, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0.4258187, %
Optimum Velocity in Reach,2,99.96179, %
Acceptable Velocity in Reach,2,99.99336, %
Optimum Depth in Reach,2,3.412121, %
Acceptable Depth in Reach,2,14.47518, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.91935, %
Acceptable Velocity in Reach,3,99.98806, %
Optimum Depth in Reach,3,8.072248, %
Acceptable Depth in Reach,3,42.10113, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,3.14416, %
Optimum Velocity in Reach,4,99.93288, %
Acceptable Velocity in Reach,4,99.99124, %
Optimum Depth in Reach,4,8.643987, %
Acceptable Depth in Reach,4,44.03124, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,3.735, %
Optimum Velocity in Reach,5,99.96471, %
Acceptable Velocity in Reach,5,99.99336, %
Optimum Depth in Reach,5,10.50114, %
Acceptable Depth in Reach,5,50.94596, %
Optimum Depth & Velocity in Reach,5,0.1963276, %
Acceptable Depth & Velocity in Reach,5,9.652951, %
Optimum Velocity in Reach,6,99.97321, %
Acceptable Velocity in Reach,6,99.9947, %
Optimum Depth in Reach,6,11.66557, %
Acceptable Depth in Reach,6,54.56793, %
Optimum Depth & Velocity in Reach,6,2.724709, %
Acceptable Depth & Velocity in Reach,6,11.26921, %
Optimum Velocity in Reach,7,99.80527, %
Acceptable Velocity in Reach,7,99.97639, %
Optimum Depth in Reach,7,8.228781, %
Acceptable Depth in Reach,7,40.58278, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.88459, %
Acceptable Velocity in Reach,8,99.98461, %
Optimum Depth in Reach,8,9.212806, %
Acceptable Depth in Reach,8,44.95451, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,1.302926, %
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Optimum Velocity in Reach,9,99.82781, %
Acceptable Velocity in Reach,9,99.97958, %
Optimum Depth in Reach,9,8.855702, %
Acceptable Depth in Reach,9,43.25071, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.82702, %
Acceptable Velocity in Reach,10,99.9801, %
Optimum Depth in Reach,10,8.925212, %
Acceptable Depth in Reach,10,43.39424, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.90871, %
Acceptable Velocity in Stream,99.98801, %
Optimum Depth in Stream,7.996397, %
Acceptable Depth in Stream,38.83352, %
Optimum Depth & Velocity in Stream,0.2921036, %
Acceptable Depth & Velocity in Stream,2.953006, %
```

Stream Health Run 20

Run Date,6/11/2002
Run Time,9:17:16 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityConventionalNoRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Fantail Darter.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,7926,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,3.375091,Index,5
90-10 Range ,110.3553,Index,5
Number of Storms 3x Median,12678,Index,5
Number of High Flow Events,2994,Index,5
High Flow Duration (hrs) ,146610,Index,5
Number of Low Flow Events ,148,Index,5
Low Flow Duration (hrs) ,19730,Index,3
Overall Index,4.666667
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

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1,0.1000013,1,0.1000252,1,0.1000385,1,0.1000305,1,0.1000252,1,0.1000119,0.03,0.1000544,1,0.1000491,0.03,0.1007017,0.03,0.1013411,
1,0.1500013,1,0.1500226,1,0.1500358,1,0.1500279,1,0.1500226,1,0.1500119,1,0.1500517,1,0.1500464,1,0.1506619,1,0.1512668,
1,0.2000013,1,0.2000225,1,0.2000358,1,0.2000252,1,0.2000225,1,0.2000119,1,0.2000464,1,0.2000438,1,0.2006221,1,0.2011926,
1,0.2500013,1,0.2500199,1,0.2500332,1,0.2500252,1,0.2500199,1,0.2500093,1,0.2500438,1,0.2500411,1,0.2505823,1,0.2511183,
1,0.3000013,1,0.3000199,1,0.3000305,1,0.3000225,1,0.3000199,1,0.3000093,1,0.3000411,1,0.3000385,1,0.3005452,1,0.3010413,

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1,0.4000013,1,0.4000172,1,0.4000252,1,0.4000199,1,0.4000172,1,0.4000093,1,0.4000358,1,0.4000332,1,0.4004656,1,0.4008928,
1,0.4500013,1,0.4500146,1,0.4500225,1,0.4500172,1,0.4500146,1,0.4500066,1,0.4500332,1,0.4500305,1,0.4504285,1,0.4508185,
1,0.4999987,1,0.5000146,1,0.5000199,1,0.5000146,1,0.5000146,1,0.5000066,1,0.5000305,1,0.5000252,1,0.5003887,1,0.5007442,
1,0.5499987,1,0.5500119,1,0.5500199,1,0.5500146,1,0.5500119,1,0.5500066,1,0.5500252,1,0.5500225,1,0.5503489,1,0.5506699,
1,0.5999987,1,0.6000093,1,0.6000172,1,0.6000119,1,0.6000093,1,0.600004,1,0.6000226,1,0.6000199,1,0.6003118,1,0.6005956,
1,0.6499987,1,0.6500093,1,0.6500146,1,0.650012,1,0.6500093,1,0.650004,1,0.6500199,1,0.6500173,1,0.650272,1,0.6505213,
1,0.6999987,1,0.7000066,1,0.700012,1,0.7000093,1,0.7000066,1,0.700004,1,0.7000173,1,0.7000146,1,0.7002321,1,0.700447,
1,0.7499987,1,0.7500066,1,0.7500093,1,0.7500066,1,0.7500066,1,0.750004,1,0.7500146,1,0.7500119,1,0.750195,1,0.7503701,
1,0.7999987,1,0.800004,1,0.8000066,1,0.8000066,1,0.800004,1,0.8000013,1,0.8000119,1,0.8000093,1,0.8001552,1,0.8002958,
1,0.8499987,1,0.850004,1,0.8500066,1,0.850004,1,0.850004,1,0.8500013,1,0.8500066,1,0.8500066,1,0.8501154,1,0.8502215,
1,0.8999987,1,0.9000013,1,0.900004,1,0.9000013,1,0.9000013,1,0.9000013,1,0.900004,1,0.900004,1,0.9000756,1,0.9001473,
1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500385,1,0.9500729,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9130014,0,0.8288854,0,0.4704805,0,0.4608392,0,0.397664,0,0.3663682,0,0.5118685,0,0.4709474,0,0.4944935,0,0.5024501,
0.97,0.9217009,0.97,0.8459978,0.06,0.5234333,0.04,0.5147551,0.03,0.4578969,0.03,0.4297318,0.04,0.5606827,0.03,0.5238525,0.03,0.5450427
,0.03,0.552206,
0.97,0.926052,0.98,0.8545514,0.97,0.5499085,0.98,0.5417131,0.98,0.4880147,0.03,0.4614122,0.98,0.5850884,0.98,0.5503064,0.99,0.5703186,
0.99,0.5770813,
0.97,0.9304004,0.98,0.8631076,0.97,0.5763836,0.98,0.568671,0.98,0.5181298,0.98,0.4930953,0.98,0.609494,0.99,0.5767577,0.99,0.5955946,0
.99,0.6019593,
0.97,0.9347514,0.98,0.8716637,0.98,0.6028587,0.98,0.595629,0.98,0.5482476,0.99,0.5247758,0.98,0.6338997,0.99,0.6032089,0.99,0.6208705,
0.99,0.6268373,
0.97,0.9390998,0.98,0.8802199,0.98,0.6293365,0.98,0.622587,0.99,0.5783654,0.99,0.5564563,0.99,0.6583081,0.99,0.6296628,0.99,0.6461464,
0.99,0.6517152,
0.97,0.9434509,0.98,0.8887761,0.98,0.6558116,0.98,0.649545,0.99,0.6084806,0.99,0.5881394,0.99,0.6827139,0.99,0.6561167,0.99,0.6714197,
0.99,0.6765932,
0.98,0.9477993,0.98,0.8973297,0.98,0.6822867,0.98,0.6765029,0.99,0.6385984,0.99,0.6198199,0.99,0.7071195,0.99,0.6825679,0.99,0.6966956
,0.99,0.7014685,
0.98,0.9521503,0.98,0.9058859,0.98,0.7087644,0.98,0.7034609,0.99,0.6687135,0.99,0.651503,0.99,0.7315279,0.99,0.7090192,0.99,0.7219715,
0.99,0.7263464,
0.98,0.9564987,0.98,0.9144421,0.98,0.7352396,0.98,0.7304189,0.99,0.6988313,0.99,0.6831834,0.99,0.7559336,0.99,0.735473,0.99,0.7472448,
0.99,0.7512244,
0.98,0.9608498,0.98,0.9229982,0.98,0.7617147,0.99,0.7573769,0.99,0.7289491,0.99,0.7148639,0.99,0.7803393,0.99,0.7619269,0.99,0.7725207
,0.99,0.7761024,
0.98,0.9652008,0.98,0.9315544,0.98,0.7881925,0.99,0.7843349,0.99,0.7590643,0.99,0.746547,0.99,0.8047477,0.99,0.7883782,0.99,0.7977966,
0.99,0.8009803,
0.98,0.9695492,0.98,0.940108,0.98,0.8146676,0.99,0.8112928,0.99,0.7891821,0.99,0.7782274,0.99,0.8291534,0.99,0.8148294,0.99,0.8230726,
0.99,0.8258556,
0.98,0.9739003,0.98,0.9486642,0.99,0.8411427,0.99,0.8382508,0.99,0.8192972,0.99,0.8099106,0.99,0.8535591,0.99,0.8412833,0.99,0.8483484
,0.99,0.8507336,

0.98,0.9782487,0.98,0.9572204,0.99,0.8676205,0.99,0.8652088,0.99,0.849415,0.99,0.8415911,0.99,0.8779675,0.99,0.8677372,0.99,0.8736217,
0.99,0.8756115,
0.98,0.9825997,0.99,0.9657766,0.99,0.8940955,0.99,0.8921668,0.99,0.8795328,0.99,0.8732715,0.99,0.9023732,0.99,0.8941884,0.99,0.8988976
,0.99,0.9004895,
0.99,0.9869481,0.99,0.9743327,0.99,0.9205707,0.99,0.9191247,0.99,0.9096479,0.99,0.9049546,0.99,0.9267789,0.99,0.9206396,0.99,0.9241736
,0.99,0.9253675,
0.99,0.9912992,0.99,0.9828863,0.99,0.9470458,0.99,0.9460827,0.99,0.9397658,0.99,0.9366351,0.99,0.9511846,0.99,0.9470935,0.99,0.9494469
,0.99,0.9502428,
0.99,0.9956476,0.99,0.9914425,0.99,0.9735236,0.99,0.9730407,0.99,0.9698809,0.99,0.9683182,0.99,0.975593,0.99,0.9735475,0.99,0.9747227,
1,0.9751207,
0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9523785,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7159013,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9571407,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7443104,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.02,0.9729611,0.02,0.9595206,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.7585151,0.01,0.7242505,0.01,0.7447005,
0.01,0.7517259,
0.02,0.9745529,0.02,0.961903,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.01,0.7727197,0.01,0.7404688,0.01,0.7597196,0.
01,0.7663311,
0.02,0.9761422,0.02,0.9642829,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.01,0.7869243,0.02,0.7566897,0.01,0.774736,
0.01,0.7809336,
0.02,0.977734,0.02,0.9666653,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.01,0.8011315,0.98,0.7729107,0.01,0.7897525,
0.01,0.7955388,
0.02,0.9793232,0.02,0.9690452,0.96,0.7861947,0.97,0.780135,0.98,0.74036,0.02,0.7203956,0.02,0.8153362,0.98,0.7891316,0.02,0.8047715,0.
02,0.8101441,
0.02,0.9809151,0.02,0.9714276,0.96,0.8026412,0.97,0.7970484,0.98,0.7603324,0.98,0.7419015,0.03,0.8295407,0.98,0.8053526,0.98,0.819788,
0.02,0.8247466,
0.03,0.9825042,0.02,0.9738075,0.97,0.8190876,0.97,0.8139592,0.98,0.7803048,0.98,0.76341,0.98,0.8437454,0.98,0.8215736,0.98,0.8348071,0
.98,0.8393518,
0.05,0.9840961,0.02,0.9761899,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.85795,0.98,0.8377945,0.98,0.8498236,0.
98,0.8539571,
0.96,0.9856853,0.02,0.9785697,0.97,0.8519805,0.97,0.847786,0.98,0.8202497,0.98,0.8064271,0.98,0.8721546,0.98,0.8540128,0.98,0.86484,0.
98,0.8685597,
0.96,0.9872745,0.02,0.9809495,0.97,0.868427,0.98,0.8646967,0.98,0.8402221,0.98,0.8279356,0.98,0.8863592,0.98,0.8702337,0.98,0.8798591,
0.98,0.8831649,
0.96,0.9888663,0.02,0.983332,0.97,0.8848734,0.98,0.8816102,0.98,0.8601944,0.98,0.8494415,0.98,0.9005638,0.98,0.8864547,0.98,0.8948756,
0.98,0.8977674,
0.96,0.9904555,0.02,0.9857118,0.97,0.9013199,0.98,0.8985236,0.98,0.8801669,0.99,0.87095,0.98,0.9147684,0.99,0.9026756,0.99,0.9098946,0
.99,0.9123726,
0.96,0.9920474,0.02,0.9880943,0.98,0.9177664,0.98,0.9154343,0.98,0.9001366,0.99,0.8924586,0.98,0.9289756,0.99,0.9188966,0.99,0.9249111
,0.99,0.9269779,

0.96,0.9936366,0.02,0.9904741,0.98,0.9342128,0.98,0.9323477,0.98,0.920109,0.99,0.9139671,0.98,0.9431803,0.99,0.9351175,0.99,0.9399276,
0.99,0.9415804,
0.96,0.9952284,0.04,0.9928566,0.98,0.9506593,0.98,0.9492611,0.98,0.9400815,0.99,0.9354757,0.99,0.9573849,0.99,0.9513358,0.99,0.9549467
,0.99,0.9561856,
0.98,0.9968176,0.04,0.9952364,0.98,0.9671057,0.98,0.9661745,0.98,0.9600539,0.99,0.9569816,0.99,0.9715894,0.99,0.9675568,0.99,0.9699631
,0.99,0.9707909,
0.98,0.9984095,0.97,0.9976189,0.98,0.9835522,0.98,0.9830853,0.99,0.9800262,0.99,0.9784901,0.99,0.9857941,0.99,0.9837777,0.99,0.9849823
,0.99,0.9853935,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.392869E-04,0,5.425555E-04,0,1.715218E-03,0,0.1631871,0,0.2125265,0,0.2308859,0,5.766476E-03,0,4.079115E-03,0,7.374244E-
03,0,8.249762E-03,
0.98,0.100126,0.02,0.1004868,0.03,0.1015428,0.03,0.246868,0.03,0.2912727,0.03,0.3077961,0.02,0.1051908,0.02,0.1036705,0.01,0.1066367,0
.01,0.1074247,
0.98,0.1501181,0.02,0.1504603,0.03,0.1514579,0.03,0.2887098,0.03,0.3306471,0.04,0.3462525,0.02,0.1549016,0.02,0.1534663,0.01,0.1562679
,0.01,0.1570134,
0.99,0.2001101,0.99,0.2004338,0.03,0.201373,0.03,0.3305489,0.04,0.3700215,0.98,0.384709,0.02,0.2046124,0.02,0.203262,0.01,0.2058991,0.
01,0.2065995,
0.99,0.2501048,0.99,0.2504072,0.98,0.2512854,0.04,0.3723907,0.98,0.4093959,0.99,0.4231654,0.02,0.2543232,0.03,0.2530603,0.02,0.2555304
,0.02,0.2561857,
0.99,0.3000968,0.99,0.3003807,0.98,0.3012005,0.98,0.4142298,0.99,0.4487676,0.99,0.4616192,0.02,0.3040367,0.99,0.3028561,0.02,0.3051616
,0.02,0.3057744,
0.99,0.3500889,0.99,0.3503515,0.98,0.3511156,0.99,0.4560716,0.99,0.488142,0.99,0.5000756,0.99,0.3537475,0.99,0.3526517,0.99,0.3547928,
0.99,0.3553632,
0.99,0.4000836,0.99,0.400325,0.99,0.4010281,0.99,0.4979107,0.99,0.5275164,0.99,0.5385321,0.99,0.4034583,0.99,0.4024475,0.99,0.404424,0
.99,0.4049493,
0.99,0.4500756,0.99,0.4502985,0.99,0.4509432,0.99,0.5397525,0.99,0.5668882,0.99,0.5769858,0.99,0.4531718,0.99,0.4522432,0.99,0.4540552
,0.99,0.4545355,
0.99,0.5000677,0.99,0.5002693,0.99,0.5008582,0.99,0.5815916,0.99,0.6062626,0.99,0.6154423,0.99,0.5028826,0.99,0.5020389,0.99,0.5036865
,1,0.5041242,
0.99,0.5500624,0.99,0.5502428,0.99,0.5507707,0.99,0.6234334,0.99,0.645637,0.99,0.6538987,0.99,0.5525934,0.99,0.5518346,0.99,0.5533177,
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0.6032991,
0.99,0.6500491,0.99,0.6501897,0.99,0.6505983,0.99,0.7071142,0.99,0.7243832,0.99,0.7308089,0.99,0.6520177,0.99,0.651426,1,0.6525801,1,0
.6528852,
0.99,0.7000411,0.99,0.7001632,0.99,0.7005134,0.99,0.748956,0.99,0.7637576,0.99,0.7692654,1,0.7017285,1,0.7012218,1,0.7022113,1,0.70247
4,
0.99,0.7500331,0.99,0.750134,0.99,0.7504285,0.99,0.7907951,0.99,0.8031293,0.99,0.8077192,1,0.751442,1,0.7510175,1,0.7518426,1,0.752062
8,
1,0.8000278,1,0.8001075,0.99,0.800341,0.99,0.8326369,0.99,0.8425037,0.99,0.8461756,1,0.8011528,1,0.8008158,1,0.8014738,1,0.8016489,

1,0.8500199,1,0.8500809,0.99,0.850256,0.99,0.874476,0.99,0.8818781,0.99,0.884632,1,0.8508636,1,0.8506115,1,0.851105,1,0.851235,
1,0.900012,1,0.9000517,0.99,0.9001711,0.99,0.9163178,0.99,0.9212525,0.99,0.9230884,1,0.9005744,1,0.9004073,1,0.9007362,1,0.9008238,
1,0.9500066,1,0.9500252,0.99,0.9500836,0.99,0.9581569,0.99,0.9606243,0.99,0.9615422,1,0.9502879,1,0.9502029,1,0.9503675,1,0.9504126,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9322283,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7153707,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9390043,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7438329,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.04,0.9729611,0.02,0.9423949,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.758064,0.01,0.7242505,0.01,0.7447005,0
.01,0.7517259,
0.96,0.9745529,0.04,0.9457829,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.02,0.7722952,0.01,0.7404688,0.01,0.7597196,0
.01,0.7663311,
0.96,0.9761422,0.97,0.9491709,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.03,0.7865263,0.02,0.7566897,0.02,0.774736,
0.02,0.7809336,
0.96,0.977734,0.97,0.9525589,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.98,0.8007601,0.98,0.7729107,0.98,0.7897525,
0.98,0.7955388,
0.96,0.9793232,0.97,0.9559469,0.96,0.7861947,0.97,0.780135,0.98,0.74036,0.02,0.7203956,0.98,0.8149912,0.98,0.7891316,0.98,0.8047715,0.
98,0.8101441,
0.96,0.9809151,0.97,0.9593375,0.96,0.8026412,0.97,0.7970484,0.98,0.7603324,0.98,0.7419015,0.98,0.8292224,0.98,0.8053526,0.98,0.819788,
0.98,0.8247466,
0.96,0.9825042,0.97,0.9627255,0.97,0.8190876,0.97,0.8139592,0.98,0.7803048,0.98,0.76341,0.98,0.8434535,0.98,0.8215736,0.98,0.8348071,0
.98,0.8393518,
0.96,0.9840961,0.97,0.9661135,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.8576847,0.98,0.8377945,0.98,0.8498236,
0.98,0.8539571,
0.96,0.9856853,0.97,0.9695015,0.97,0.8519805,0.97,0.847786,0.98,0.8202497,0.98,0.8064271,0.98,0.8719158,0.98,0.8540128,0.98,0.86484,0.
98,0.8685597,
0.97,0.9872745,0.97,0.9728895,0.97,0.868427,0.98,0.8646967,0.98,0.8402221,0.98,0.8279356,0.98,0.8861469,0.98,0.8702337,0.99,0.8798591,
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0.97,0.9888663,0.98,0.9762801,0.97,0.8848734,0.98,0.8816102,0.98,0.8601944,0.98,0.8494415,0.98,0.900378,0.98,0.8864547,0.99,0.8948756,
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0.97,0.9904555,0.98,0.9796681,0.97,0.9013199,0.98,0.8985236,0.98,0.8801669,0.99,0.87095,0.98,0.9146092,0.99,0.9026756,0.99,0.9098946,0
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0.99,0.9269779,
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0.98,0.9968176,0.98,0.9932227,0.98,0.9671057,0.98,0.9661745,0.98,0.9600539,0.99,0.9569816,0.99,0.9715364,0.99,0.9675568,0.99,0.9699631
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,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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02,0,9.999868E-02,
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Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,3.051045E-05,0,5.054123E-04,0,0.3636355,0,0.5571381,0,0.5575175,0,0
0.57,0.1000279,0.04,0.100455,0.13,0.4272724,0.04,0.6014234,0.01,0.6017656,0,9.999868E-02
1,0.1500252,0.16,0.1504285,0.24,0.4590908,0.05,0.623566,0.02,0.6238897,0,0.1499987
1,0.2000252,0.29,0.2004046,0.24,0.4909092,0.13,0.6457113,0.03,0.6460137,0,0.1999987
1,0.2500226,0.36,0.2503781,0.37,0.522725,0.13,0.6678539,0.13,0.6681378,0,0.2499987
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1,0.3500199,0.66,0.3503277,0.76,0.5863618,0.23,0.7121392,0.23,0.7123859,0,0.3499987
1,0.4000172,0.66,0.4003038,0.85,0.6181803,0.23,0.7342818,0.23,0.73451,0,0.3999987
1,0.4500172,0.68,0.4502772,0.95,0.6499987,0.37,0.7564244,0.24,0.7566341,0,0.4499987
1,0.5000146,0.76,0.5002534,0.95,0.6818171,0.51,0.7785671,0.3,0.7787581,0,0.4999987
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1,0.9999987,1,0.9999987,0.99,0.9999987,0.95,0.9999987,0.95,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.989812E-05,0,1.233684E-04,0,1.870423E-04,0,1.207153E-04,0,9.153136E-05,0,7.561286E-05,0,3.435742E-04,0,2.427571E-04,0,4.121564E-
03,0,8.528335E-03,
1,0.1000172,1,0.1001101,0.07,0.1001685,0.06,0.1001074,1,0.1000836,1,0.1000677,0.03,0.1003091,0.03,0.1002189,0.03,0.1037103,0.02,0.1076
767,
1,0.1500172,1,0.1501048,1,0.1501579,1,0.1501021,1,0.1500783,1,0.150065,1,0.1502905,1,0.1502056,1,0.1535034,1,0.1572496,
1,0.2000146,1,0.2000995,1,0.2001499,1,0.2000968,1,0.200073,1,0.2000597,1,0.2002746,1,0.200195,1,0.2032965,1,0.2068224,
1,0.2500146,1,0.2500915,1,0.2501393,1,0.2500889,1,0.2500677,1,0.250057,1,0.2502587,1,0.2501817,1,0.2530922,1,0.2563953,
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1,0.3500119,1,0.3500809,1,0.3501207,1,0.3500783,1,0.3500597,1,0.3500491,1,0.3502215,1,0.3501579,1,0.3526783,1,0.3555436,
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1,0.5000093,1,0.5000623,1,0.5000942,1,0.5000597,1,0.5000464,1,0.5000358,1,0.5001711,1,0.5001207,1,0.5020601,1,0.5042648,
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Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9009565,0,0.8576024,0,0.5853643,0,0.5665804,0,0.4985501,0,0.4632614,0,0.5997838,0,0.5568569,0,0.5732768,0,0.5716797,

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,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9426311,0,0.9351494,0,0.7782567,0,0.7634339,0,0.7088042,0,0.6774819,0,0.7801589,0,0.751495,0,0.7614785,0,0.7590191,
0.02,0.948367,0.02,0.9416335,0.02,0.8004311,0.02,0.7870914,0.01,0.7379245,0.01,0.7097328,0.01,0.8021424,0.01,0.7763464,0.01,0.7853298,
0.01,0.7831171,

0.02,0.951235,0.02,0.9448756,0.02,0.8115184,0.02,0.7989188,0.01,0.7524846,0.01,0.7258583,0.01,0.8131341,0.01,0.7887709,0.01,0.7972554,
0.01,0.7951648,
0.02,0.9541057,0.02,0.9481203,0.02,0.8226056,0.02,0.8107463,0.01,0.7670421,0.01,0.7419863,0.01,0.8241258,0.01,0.8011952,0.01,0.8091837
,0.01,0.807215,
0.02,0.9569736,0.02,0.9513624,0.02,0.8336928,0.02,0.8225764,0.01,0.7816022,0.01,0.7581118,0.01,0.8351202,0.01,0.8136196,0.01,0.8211092
,0.01,0.8192654,
0.02,0.9598416,0.02,0.9546044,0.02,0.8447801,0.02,0.8344039,0.02,0.7961623,0.01,0.7742372,0.01,0.8461119,0.01,0.8260466,0.01,0.8330349
,0.01,0.831313,
0.02,0.9627096,0.02,0.9578465,0.04,0.8558673,0.03,0.8462313,0.03,0.8107224,0.02,0.7903627,0.01,0.8571036,0.02,0.8384711,0.01,0.8449605
,0.01,0.8433607,
0.02,0.9655776,0.02,0.9610885,0.96,0.8669545,0.04,0.8580588,0.03,0.8252826,0.02,0.8064881,0.01,0.8680953,0.02,0.8508954,0.01,0.8568861
,0.01,0.8554109,
0.02,0.9684455,0.02,0.9643306,0.96,0.8780417,0.97,0.8698888,0.98,0.8398427,0.98,0.8226135,0.02,0.8790871,0.98,0.8633224,0.02,0.8688117
,0.01,0.8674613,
0.02,0.9713135,0.02,0.9675727,0.97,0.8891264,0.97,0.8817163,0.98,0.8544028,0.98,0.838739,0.03,0.8900788,0.98,0.8757468,0.02,0.8807373,
0.02,0.8795089,
0.02,0.9741842,0.02,0.9708174,0.97,0.9002136,0.97,0.8935437,0.98,0.8689603,0.98,0.8548671,0.98,0.9010705,0.98,0.8881713,0.98,0.8926656
,0.98,0.8915566,
0.02,0.9770522,0.02,0.9740595,0.97,0.9113008,0.97,0.9053738,0.98,0.8835204,0.98,0.8709925,0.98,0.9120622,0.98,0.9005983,0.98,0.9045911
,0.98,0.9036069,
0.03,0.9799201,0.02,0.9773015,0.97,0.922388,0.98,0.9172013,0.98,0.8980805,0.98,0.887118,0.98,0.923054,0.98,0.9130226,0.98,0.9165168,0.
98,0.9156572,
0.05,0.9827881,0.02,0.9805436,0.97,0.9334753,0.98,0.9290287,0.98,0.9126406,0.98,0.9032434,0.98,0.9340457,0.98,0.925447,0.98,0.9284424,
0.98,0.9277048,
0.96,0.9856561,0.02,0.9837857,0.97,0.9445625,0.98,0.9408562,0.98,0.9272007,0.99,0.9193688,0.98,0.9450374,0.98,0.9378741,0.99,0.940368,
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,0.99,0.9518028,
0.96,0.9913947,0.02,0.9902725,0.98,0.966737,0.98,0.9645137,0.98,0.9563183,0.99,0.9516224,0.98,0.9670235,0.99,0.9627228,0.99,0.9642218,
0.99,0.9638531,
0.96,0.9942627,0.04,0.9935145,0.98,0.9778242,0.98,0.9763411,0.98,0.9708784,0.99,0.9677478,0.99,0.9780152,0.99,0.9751472,0.99,0.9761475
,0.99,0.9759007,
0.98,0.9971307,0.04,0.9967566,0.98,0.9889114,0.98,0.9881712,0.99,0.9854385,0.99,0.9838732,0.99,0.9890069,0.99,0.9875743,0.99,0.9880731
,0.99,0.9879484,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,2.062772E-03,0,4.389526E-03,0,6.891383E-03,0,0.2215735,0,0.2952019,0,0.3137814,0,1.803168E-02,0,1.416083E-02,0,2.547623E-
02,0,3.034464E-02,
0.98,0.1018558,0.02,0.1039518,0.03,0.1062016,0.03,0.299415,0.03,0.3656811,0.02,0.3824034,0.01,0.1162276,0.02,0.1127441,0.01,0.1229293,
0.01,0.1273095,

0.98,0.1517524,0.03,0.1537316,0.03,0.1558567,0.03,0.3383384,0.03,0.4009219,0.03,0.4167131,0.02,0.1653255,0.02,0.1620357,0.01,0.1716558
,0.01,0.1757919,
0.99,0.2016489,0.99,0.2035114,0.98,0.2055118,0.03,0.3772591,0.04,0.4361602,0.04,0.4510254,0.02,0.2144261,0.02,0.2113273,0.02,0.2203797
,0.01,0.2242744,
0.99,0.2515481,0.99,0.2532912,0.98,0.2551669,0.98,0.4161798,0.98,0.4714011,0.98,0.4853351,0.99,0.2635241,0.99,0.2606216,0.99,0.2691062
,0.99,0.2727568,
0.99,0.3014446,0.99,0.3030709,0.98,0.3048246,0.98,0.4551006,0.99,0.506642,0.99,0.5196474,0.99,0.312622,0.99,0.3099132,0.99,0.3178327,0
.99,0.3212419,
0.99,0.3513411,0.99,0.3528534,0.99,0.3544797,0.99,0.4940213,0.99,0.5418802,0.99,0.553957,0.99,0.36172,0.99,0.3592049,0.99,0.3665592,0.
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0.99,0.4012377,0.99,0.4026332,0.99,0.4041348,0.99,0.5329447,0.99,0.5771211,0.99,0.5882694,0.99,0.410818,0.99,0.4084965,0.99,0.4152857,
0.99,0.4182068,
0.99,0.4511342,0.99,0.452413,0.99,0.4537899,0.99,0.5718654,0.99,0.6123594,0.99,0.622579,0.99,0.4599159,0.99,0.4577881,0.99,0.4640123,0
.99,0.4666892,
0.99,0.5010307,0.99,0.5021954,0.99,0.503445,0.99,0.6107861,0.99,0.6476003,0.99,0.6568914,0.99,0.5090138,0.99,0.5070798,0.99,0.5127388,
1,0.5151716,
0.99,0.5509273,0.99,0.5519752,0.99,0.5531001,0.99,0.6497068,0.99,0.6828412,0.99,0.691201,0.99,0.5581145,0.99,0.5563714,0.99,0.5614626,
1,0.5636541,
0.99,0.6008238,0.99,0.601755,0.99,0.6027552,0.99,0.6886275,0.99,0.7180794,0.99,0.7255107,0.99,0.6072124,0.99,0.605663,1,0.6101891,1,0.
6121365,
0.99,0.6507203,0.99,0.6515348,0.99,0.6524103,0.99,0.7275509,0.99,0.7533203,0.99,0.759823,1,0.6563104,0.99,0.6549546,1,0.6589157,1,0.66
0619,
0.99,0.7006168,0.99,0.7013146,0.99,0.7020654,0.99,0.7664717,0.99,0.7885586,0.99,0.7941327,1,0.7054083,1,0.7042463,1,0.7076422,1,0.7091
014,
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1,0.8004125,1,0.8008769,0.99,0.8013783,0.99,0.8443131,0.99,0.8590404,0.99,0.8627547,1,0.8036042,1,0.8028322,1,0.8050953,1,0.806069,
1,0.8503091,1,0.8506566,0.99,0.8510334,0.99,0.8832338,0.99,0.8942786,0.99,0.897067,1,0.8527048,1,0.8521238,1,0.8538191,1,0.8545514,
1,0.9002056,1,0.9004391,0.99,0.9006885,0.99,0.9221572,0.99,0.9295195,0.99,0.9313767,1,0.9018028,1,0.9014154,1,0.9025456,1,0.9030338,
1,0.9501022,1,0.9502189,1,0.9503435,0.99,0.9610779,0.99,0.9647578,0.99,0.965689,1,0.9509007,1,0.950707,1,0.9512721,1,0.9515162,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9426311,0,0.9210058,0,0.7782567,0,0.7634339,0,0.7088042,0,0.6774819,0,0.7793948,0,0.751495,0,0.7614785,0,0.7590191,
0.02,0.948367,0.02,0.928904,0.02,0.8004311,0.02,0.7870914,0.01,0.7379245,0.01,0.7097328,0.01,0.8014552,0.01,0.7763464,0.01,0.7853298,0
.01,0.7831171,
0.02,0.951235,0.02,0.9328545,0.02,0.8115184,0.02,0.7989188,0.01,0.7524846,0.01,0.7258583,0.01,0.8124841,0.01,0.7887709,0.01,0.7972554,
0.01,0.7951648,
0.02,0.9541057,0.02,0.9368049,0.02,0.8226056,0.02,0.8107463,0.01,0.7670421,0.01,0.7419863,0.01,0.8235156,0.01,0.8011952,0.01,0.8091837
,0.01,0.807215,
0.02,0.9569736,0.02,0.9407553,0.02,0.8336928,0.02,0.8225764,0.01,0.7816022,0.01,0.7581118,0.01,0.8345471,0.01,0.8136196,0.01,0.8211092
,0.01,0.8192654,
0.02,0.9598416,0.02,0.9447031,0.02,0.8447801,0.02,0.8344039,0.02,0.7961623,0.01,0.7742372,0.02,0.845576,0.01,0.8260466,0.01,0.8330349,
0.01,0.831313,

0.02,0.9627096,0.02,0.9486536,0.04,0.8558673,0.03,0.8462313,0.03,0.8107224,0.02,0.7903627,0.03,0.8566049,0.02,0.8384711,0.02,0.8449605
,0.02,0.8433607,
0.03,0.9655776,0.04,0.952604,0.96,0.8669545,0.04,0.8580588,0.03,0.8252826,0.02,0.8064881,0.03,0.8676364,0.02,0.8508954,0.02,0.8568861,
0.02,0.8554109,
0.05,0.9684455,0.04,0.9565518,0.96,0.8780417,0.97,0.8698888,0.98,0.8398427,0.98,0.8226135,0.98,0.8786679,0.98,0.8633224,0.98,0.8688117
,0.98,0.8674613,
0.96,0.9713135,0.97,0.9605022,0.97,0.8891264,0.97,0.8817163,0.98,0.8544028,0.98,0.838739,0.98,0.8896968,0.98,0.8757468,0.98,0.8807373,
0.98,0.8795089,
0.96,0.9741842,0.97,0.9644527,0.97,0.9002136,0.97,0.8935437,0.98,0.8689603,0.98,0.8548671,0.98,0.9007256,0.98,0.8881713,0.98,0.8926656
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0.96,0.9770522,0.97,0.9684005,0.97,0.9113008,0.97,0.9053738,0.98,0.8835204,0.98,0.8709925,0.98,0.9117571,0.98,0.9005983,0.98,0.9045911
,0.98,0.9036069,
0.96,0.9799201,0.97,0.9723509,0.97,0.922388,0.98,0.9172013,0.98,0.8980805,0.98,0.887118,0.98,0.9227887,0.98,0.9130226,0.98,0.9165168,0
.98,0.9156572,
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0.99,0.9277048,
0.97,0.9856561,0.98,0.9802491,0.97,0.9445625,0.98,0.9408562,0.98,0.9272007,0.99,0.9193688,0.98,0.9448464,0.98,0.9378741,0.99,0.940368,
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,0.99,0.9518028,
0.97,0.9913947,0.98,0.98815,0.98,0.966737,0.98,0.9645137,0.98,0.9563183,0.99,0.9516224,0.98,0.9669094,0.99,0.9627228,0.99,0.9642218,0.
99,0.9638531,
0.97,0.9942627,0.98,0.9921004,0.98,0.9778242,0.98,0.9763411,0.98,0.9708784,0.99,0.9677478,0.99,0.9779383,0.99,0.9751472,0.99,0.9761475
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0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,1.074499E-04,0,2.444816E-03,0,0.4470139,0,0.645836,0,0.6475472,0,0
0.3,0.1000968,0.04,0.1022007,0.06,0.5023122,0.02,0.681252,0.01,0.6827934,0,9.999868E-02
0.64,0.1500915,0.16,0.1520787,0.13,0.5299626,0.04,0.6989613,0.01,0.7004152,0,0.1499987
1,0.2000862,0.29,0.2019566,0.14,0.5576104,0.04,0.716668,0.02,0.718037,0,0.1999987
1,0.2500809,0.56,0.2518346,0.24,0.5852608,0.07,0.7343773,0.04,0.7356614,0,0.2499987
1,0.3000756,0.66,0.3017099,0.24,0.6129086,0.13,0.752084,0.11,0.7532832,0,0.2999987
1,0.3500703,0.66,0.3515879,0.38,0.640559,0.13,0.7697933,0.13,0.770905,0,0.3499987
1,0.400065,0.67,0.4014658,0.51,0.6682068,0.23,0.7875,0.2,0.7885267,0,0.3999987
1,0.4500597,0.69,0.4513438,0.73,0.6958572,0.23,0.8052093,0.23,0.8061512,0,0.4499987
1,0.5000517,0.74,0.5012217,0.83,0.723505,0.23,0.822916,0.23,0.823773,0,0.4999987
1,0.5500464,0.76,0.5510997,0.94,0.7511554,0.31,0.8406253,0.26,0.8413947,0,0.5499987
1,0.6000412,0.99,0.6009777,0.95,0.7788059,0.45,0.8583347,0.31,0.8590192,0,0.5999987
1,0.6500358,0.99,0.6508556,0.95,0.8064536,0.53,0.8760414,0.46,0.8766409,0,0.6499987
1,0.7000305,0.99,0.7007336,0.95,0.8341041,0.71,0.8937507,0.52,0.8942627,0,0.6999987
1,0.7500252,0.99,0.7506089,0.95,0.8617519,0.77,0.9114574,0.72,0.9118845,0,0.7499987
1,0.8000199,0.99,0.8004869,0.95,0.8894023,0.82,0.9291667,0.82,0.9295089,0,0.7999987
1,0.8500146,0.99,0.8503648,0.95,0.9170501,0.94,0.9468734,0.94,0.9471307,0,0.8499987
1,0.9000093,0.99,0.9002427,0.95,0.9447005,0.94,0.9645827,0.94,0.9647525,0,0.8999987
1,0.950004,0.99,0.9501207,0.97,0.9723483,0.95,0.9822894,0.95,0.9823769,0,0.9499987
1,0.9999987,1,0.9999987,0.99,0.9999987,0.96,0.9999987,0.96,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.98567, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,3.180773, %
Acceptable Depth in Reach,1,8.699701, %
Optimum Depth & Velocity in Reach,1,1.566641, %
Acceptable Depth & Velocity in Reach,1,3.180773, %

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Optimum Velocity in Reach,2,99.94535, %
Acceptable Velocity in Reach,2,99.99682, %
Optimum Depth in Reach,2,6.777017, %
Acceptable Depth in Reach,2,17.11128, %
Optimum Depth & Velocity in Reach,2,1.308232, %
Acceptable Depth & Velocity in Reach,2,4.762006, %
Optimum Velocity in Reach,3,99.82808, %
Acceptable Velocity in Reach,3,99.99522, %
Optimum Depth in Reach,3,32.89283, %
Acceptable Depth in Reach,3,52.95168, %
Optimum Depth & Velocity in Reach,3,32.02581, %
Acceptable Depth & Velocity in Reach,3,32.89283, %
Optimum Velocity in Reach,4,83.68093, %
Acceptable Velocity in Reach,4,99.99628, %
Optimum Depth in Reach,4,33.82513, %
Acceptable Depth in Reach,4,53.91581, %
Optimum Depth & Velocity in Reach,4,33.26161, %
Acceptable Depth & Velocity in Reach,4,33.82513, %
Optimum Velocity in Reach,5,78.747, %
Acceptable Velocity in Reach,5,99.99682, %
Optimum Depth in Reach,5,39.94418, %
Acceptable Depth in Reach,5,60.23331, %
Optimum Depth & Velocity in Reach,5,39.94418, %
Acceptable Depth & Velocity in Reach,5,39.94418, %
Optimum Velocity in Reach,6,76.91107, %
Acceptable Velocity in Reach,6,99.99814, %
Optimum Depth in Reach,6,43.01591, %
Acceptable Depth in Reach,6,63.36288, %
Optimum Depth & Velocity in Reach,6,43.01591, %
Acceptable Depth & Velocity in Reach,6,43.01591, %
Optimum Velocity in Reach,7,99.6551, %
Acceptable Velocity in Reach,7,99.99364, %
Optimum Depth in Reach,7,28.46273, %
Acceptable Depth in Reach,7,48.81288, %
Optimum Depth & Velocity in Reach,7,7.486979, %
Acceptable Depth & Velocity in Reach,7,28.40967, %
Optimum Velocity in Reach,8,99.72169, %
Acceptable Velocity in Reach,8,99.99416, %
Optimum Depth in Reach,8,32.44101, %
Acceptable Depth in Reach,8,52.90499, %
Optimum Depth & Velocity in Reach,8,25.42788, %
Acceptable Depth & Velocity in Reach,8,32.44101, %
Optimum Velocity in Reach,9,99.6429, %
Acceptable Velocity in Reach,9,99.9931, %
Optimum Depth in Reach,9,30.03494, %
Acceptable Depth in Reach,9,50.55038, %
Optimum Depth & Velocity in Reach,9,10.50804, %
```

Acceptable Depth & Velocity in Reach,9,30.03494, %
Optimum Velocity in Reach,10,99.63653, %
Acceptable Velocity in Reach,10,99.9931, %
Optimum Depth in Reach,10,29.20851, %
Acceptable Depth in Reach,10,49.75472, %
Optimum Depth & Velocity in Reach,10,9.093152, %
Acceptable Depth & Velocity in Reach,10,29.20851, %
Optimum Velocity in Stream,93.77544, %
Acceptable Velocity in Stream,99.99567, %
Optimum Depth in Stream,27.9783, %
Acceptable Depth in Stream,45.82976, %
Optimum Depth & Velocity in Stream,20.36384, %
Acceptable Depth & Velocity in Stream,27.7715, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.79333, %
Acceptable Velocity in Reach,1,99.99761, %
Optimum Depth in Reach,1,5.736746, %
Acceptable Depth in Reach,1,9.904198, %
Optimum Depth & Velocity in Reach,1,3.22561, %
Acceptable Depth & Velocity in Reach,1,5.736746, %
Optimum Velocity in Reach,2,99.56065, %
Acceptable Velocity in Reach,2,99.98726, %
Optimum Depth in Reach,2,7.899268, %
Acceptable Depth in Reach,2,14.23959, %
Optimum Depth & Velocity in Reach,2,1.66905, %
Acceptable Depth & Velocity in Reach,2,6.484913, %
Optimum Velocity in Reach,3,99.31046, %
Acceptable Velocity in Reach,3,99.9809, %
Optimum Depth in Reach,3,22.17414, %
Acceptable Depth in Reach,3,41.46333, %
Optimum Depth & Velocity in Reach,3,21.15775, %
Acceptable Depth & Velocity in Reach,3,22.17414, %
Optimum Velocity in Reach,4,77.84231, %
Acceptable Velocity in Reach,4,99.98753, %
Optimum Depth in Reach,4,23.65642, %
Acceptable Depth in Reach,4,43.34171, %
Optimum Depth & Velocity in Reach,4,22.98811, %
Acceptable Depth & Velocity in Reach,4,23.65642, %
Optimum Velocity in Reach,5,70.47949, %
Acceptable Velocity in Reach,5,99.99045, %
Optimum Depth in Reach,5,29.11936, %
Acceptable Depth in Reach,5,50.14473, %
Optimum Depth & Velocity in Reach,5,29.11936, %
Acceptable Depth & Velocity in Reach,5,29.11936, %

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Optimum Velocity in Reach,6,68.62154, %
Acceptable Velocity in Reach,6,99.99204, %
Optimum Depth in Reach,6,32.25158, %
Acceptable Depth in Reach,6,53.67358, %
Optimum Depth & Velocity in Reach,6,32.25158, %
Acceptable Depth & Velocity in Reach,6,32.25158, %
Optimum Velocity in Reach,7,98.95416, %
Acceptable Velocity in Reach,7,99.96525, %
Optimum Depth in Reach,7,22.06033, %
Acceptable Depth in Reach,7,40.02139, %
Optimum Depth & Velocity in Reach,7,5.535908, %
Acceptable Depth & Velocity in Reach,7,21.98392, %
Optimum Velocity in Reach,8,99.06558, %
Acceptable Velocity in Reach,8,99.97533, %
Optimum Depth in Reach,8,24.8503, %
Acceptable Depth in Reach,8,44.31406, %
Optimum Depth & Velocity in Reach,8,18.46329, %
Acceptable Depth & Velocity in Reach,8,24.8503, %
Optimum Velocity in Reach,9,98.91834, %
Acceptable Velocity in Reach,9,99.96922, %
Optimum Depth in Reach,9,23.85195, %
Acceptable Depth in Reach,9,42.67207, %
Optimum Depth & Velocity in Reach,9,7.938003, %
Acceptable Depth & Velocity in Reach,9,23.85195, %
Optimum Velocity in Reach,10,98.88624, %
Acceptable Velocity in Reach,10,99.96764, %
Optimum Depth in Reach,10,24.09789, %
Acceptable Depth in Reach,10,42.83179, %
Optimum Depth & Velocity in Reach,10,7.122447, %
Acceptable Depth & Velocity in Reach,10,24.09789, %
Optimum Velocity in Stream,91.14321, %
Acceptable Velocity in Stream,99.98132, %
Optimum Depth in Stream,21.5698, %
Acceptable Depth in Stream,38.26064, %
Optimum Depth & Velocity in Stream,14.94711, %
Acceptable Depth & Velocity in Stream,21.42072, %
```

Stream Health Run 21

Run Date,6/11/2002
Run Time,9:21:56 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityConventionalNoRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Small Mouth Bass.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,7926,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,3.375091,Index,5
90-10 Range ,110.3553,Index,5
Number of Storms 3x Median,12678,Index,5
Number of High Flow Events,2994,Index,5
High Flow Duration (hrs) ,146610,Index,5
Number of Low Flow Events ,148,Index,5
Low Flow Duration (hrs) ,19730,Index,3
Overall Index,4.666667
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,3.051045E-05,0,6.500053E-05,0,1.286745E-04,0,1.101029E-04,0,7.03067E-05,0,7.561286E-05,0,8.432824E-03,0,6.201581E-03,0,9.81508E-03,0,1.078346E-02,
1,0.1000279,0.02,0.100057,0.03,0.1001154,0.03,0.1000995,0.03,0.1000623,0.03,0.1000677,0.01,0.1075891,0.02,0.1055808,0.01,0.1088334,0.01,0.1097037,
1,0.1500252,0.03,0.1500544,0.04,0.1501101,0.03,0.1500942,0.04,0.1500597,0.04,0.150065,0.02,0.1571673,0.02,0.1552704,0.01,0.1583426,0.01,0.1591651,

1,0.2000252,0.03,0.2000517,0.04,0.2001022,0.04,0.2000889,0.04,0.200057,1,0.2000597,0.02,0.2067455,0.02,0.2049599,0.02,0.2078518,0.01,0
.2086265,
1,0.2500226,1,0.2500491,0.04,0.2500968,0.04,0.2500836,1,0.2500517,1,0.250057,0.02,0.2563236,0.02,0.2546522,0.02,0.257361,0.02,0.258087
9,
1,0.3000199,1,0.3000464,1,0.3000889,1,0.3000756,1,0.3000491,1,0.3000517,0.02,0.3059018,0.03,0.3043418,0.02,0.3068702,0.02,0.3075494,
1,0.3500199,1,0.3500411,1,0.3500836,1,0.3500703,1,0.3500464,1,0.3500491,0.02,0.35548,1,0.3540314,1,0.3563793,1,0.3570081,
1,0.4000172,1,0.4000385,1,0.4000756,1,0.400065,1,0.4000411,1,0.4000438,1,0.4050581,1,0.4037209,1,0.4058885,1,0.4064696,
1,0.4500172,1,0.4500358,1,0.4500703,1,0.4500597,1,0.4500385,1,0.4500411,1,0.4546363,1,0.4534105,1,0.4553977,1,0.455931,
1,0.5000146,1,0.5000305,1,0.5000623,1,0.5000544,1,0.5000358,1,0.5000358,1,0.5042171,1,0.5031002,1,0.5049069,1,0.5053898,
1,0.5500119,1,0.5500278,1,0.5500571,1,0.5500491,1,0.5500305,1,0.5500332,1,0.5537952,1,0.5527897,1,0.5544161,1,0.5548512,
1,0.6000119,1,0.6000252,1,0.6000518,1,0.6000438,1,0.6000279,1,0.6000305,1,0.6033734,1,0.6024793,1,0.6039252,1,0.6043126,
1,0.6500093,1,0.6500226,1,0.6500438,1,0.6500385,1,0.6500226,1,0.6500252,1,0.6529515,1,0.6521689,1,0.6534344,1,0.653774,
1,0.7000093,1,0.7000199,1,0.7000385,1,0.7000332,1,0.7000199,1,0.7000226,1,0.7025297,1,0.7018585,1,0.7029436,1,0.7032354,
1,0.7500066,1,0.7500146,1,0.7500305,1,0.7500252,1,0.7500172,1,0.7500172,1,0.7521079,1,0.7515481,1,0.7524528,1,0.7526942,
1,0.800004,1,0.8000119,1,0.8000252,1,0.8000199,1,0.8000119,1,0.8000146,1,0.801686,1,0.8012403,1,0.801962,1,0.8021556,
1,0.850004,1,0.8500093,1,0.8500172,1,0.8500146,1,0.8500093,1,0.8500093,1,0.8512642,1,0.8509299,1,0.8514711,1,0.851617,
1,0.9000013,1,0.900004,1,0.900012,1,0.9000093,1,0.9000067,1,0.9000067,1,0.9008424,1,0.9006195,1,0.9009803,1,0.9010758,
1,0.9500013,1,0.9500013,1,0.950004,1,0.950004,1,0.9500013,1,0.9500013,1,0.9504205,1,0.9503091,1,0.9504895,1,0.9505373,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9763093,0,0.9479266,0,0.7212817,0,0.7122851,0,0.6478152,0,0.6141528,0,0.763142,0,0.7255983,0,0.7481681,0,0.7556843,
0.96,0.9786785,0.96,0.9531346,0.96,0.7491524,0.97,0.7410578,0.97,0.6830348,0.98,0.6527367,0.97,0.7868288,0.98,0.7530391,0.98,0.7733511
,0.98,0.7801165,
0.96,0.9798618,0.96,0.9557373,0.96,0.763089,0.97,0.7554428,0.97,0.7006434,0.98,0.6720299,0.98,0.7986695,0.98,0.7667582,0.98,0.7859426,
0.98,0.7923313,
0.96,0.9810477,0.96,0.95834,0.96,0.7770256,0.97,0.7698278,0.98,0.7182519,0.98,0.6913231,0.98,0.8105128,0.98,0.7804773,0.98,0.7985342,0
.98,0.8045461,
0.96,0.982231,0.97,0.9609453,0.96,0.7909623,0.97,0.7842128,0.98,0.7358604,0.98,0.7106137,0.98,0.8223562,0.98,0.794199,0.98,0.8111257,0
.98,0.8167635,
0.96,0.9834169,0.97,0.9635479,0.97,0.8048962,0.97,0.7985979,0.98,0.7534689,0.98,0.7299069,0.98,0.8341995,0.98,0.8079181,0.98,0.8237172
,0.98,0.8289783,
0.96,0.9846002,0.97,0.9661506,0.97,0.8188329,0.97,0.8129855,0.98,0.7710801,0.98,0.7492001,0.98,0.8460429,0.98,0.8216372,0.98,0.8363088
,0.99,0.8411931,
0.97,0.9857861,0.97,0.968756,0.97,0.8327696,0.98,0.8273705,0.98,0.7886886,0.98,0.7684907,0.98,0.8578836,0.98,0.835359,0.98,0.8489003,0
.99,0.8534105,
0.97,0.9869694,0.97,0.9713587,0.97,0.8467035,0.98,0.8417556,0.98,0.8062971,0.98,0.7877839,0.98,0.869727,0.98,0.8490781,0.99,0.8614918,
0.99,0.8656253,
0.97,0.9881553,0.97,0.9739613,0.97,0.8606402,0.98,0.8561432,0.98,0.8239083,0.99,0.8070771,0.98,0.8815703,0.98,0.8627971,0.99,0.8740833
,0.99,0.8778401,
0.97,0.9893386,0.98,0.9765667,0.97,0.8745768,0.98,0.8705282,0.98,0.8415168,0.99,0.8263677,0.98,0.8934137,0.99,0.8765189,0.99,0.8866749
,0.99,0.8900576,

0.97,0.9905218,0.98,0.9791693,0.98,0.8885108,0.98,0.8849133,0.98,0.8591253,0.99,0.8456609,0.98,0.9052571,0.99,0.890238,0.99,0.8992664,
0.99,0.9022723,
0.97,0.9917078,0.98,0.9817746,0.98,0.9024475,0.98,0.8992983,0.98,0.8767338,0.99,0.8649514,0.98,0.9170978,0.99,0.9039598,0.99,0.911858,
0.99,0.9144898,
0.97,0.9928911,0.98,0.9843773,0.98,0.9163841,0.98,0.9136833,0.98,0.8943423,0.99,0.8842447,0.98,0.9289411,0.99,0.9176788,0.99,0.9244495
,0.99,0.9267046,
0.97,0.994077,0.98,0.98698,0.98,0.9303181,0.98,0.928071,0.99,0.9119534,0.99,0.9035379,0.99,0.9407845,0.99,0.9313979,0.99,0.937041,0.99
,0.9389194,
0.97,0.9952602,0.98,0.9895853,0.98,0.9442548,0.98,0.9424559,0.99,0.929562,0.99,0.9228284,0.99,0.9526279,0.99,0.9451197,0.99,0.9496325,
0.99,0.9511368,
0.98,0.9964462,0.98,0.992188,0.98,0.9581914,0.99,0.956841,0.99,0.9471705,0.99,0.9421217,0.99,0.9644712,0.99,0.9588388,0.99,0.9622241,0
.99,0.9633517,
0.98,0.9976295,0.99,0.9947907,0.99,0.972128,0.99,0.9712287,0.99,0.9647816,0.99,0.9614149,0.99,0.9763119,0.99,0.9725578,0.99,0.9748156,
0.99,0.9755664,
0.98,0.9988154,0.99,0.997396,0.99,0.986062,0.99,0.9856136,0.99,0.9823902,0.99,0.9807054,0.99,0.9881553,0.99,0.9862796,0.99,0.9874071,0
.99,0.9877839,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
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02,0,9.999868E-02,
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Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,7.574552E-04,0,7.910167E-03,0,8.82548E-03,0,1.528839E-02,0,1.081529E-02,0,1.045447E-02,0,5.047092E-02,0,3.810756E-02,0,8.229996E-02,0,0.1486748,
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0.02,0.1506434,0.01,0.1567242,0.02,0.1575016,0.01,0.1629961,0.01,0.1591916,0.01,0.1588865,0.01,0.192899,0.01,0.1823902,0.01,0.2199552,0.01,0.276373,
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Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9996352,0,0.9993062,0,0.9951568,0,0.9947084,0,0.9921933,0,0.9905537,0,0.9959686,0,0.9948543,0,0.9955044,0,0.9956291,
0.19,0.9996724,0.88,0.9993752,0.88,0.9956423,0.89,0.9952364,0.91,0.9929733,0.93,0.9914982,0.92,0.9963719,0.92,0.995369,0.93,0.9959527,0.94,0.9960668,
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95,0.9978125,
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Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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02,0,9.999868E-02,
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Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

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0.04,0.1501181,0.01,0.1597196,0.23,0.6711703,0.12,0.9917608,0,0.1499987,0,0.1499987
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0.29,0.2501048,0.01,0.2585734,0.27,0.7098575,0.22,0.9927292,0,0.2499987,0,0.2499987
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1,0.5500624,0.29,0.5551457,0.94,0.825914,0.57,0.995637,0,0.5499987,0,0.5499987
1,0.6000544,0.29,0.6045726,0.94,0.845255,0.73,0.9961225,0,0.5999987,0,0.5999987
1,0.6500491,0.56,0.6539995,0.94,0.8645986,0.8,0.9966054,0,0.6499987,0,0.6499987
1,0.7000411,1,0.7034291,0.94,0.8839422,0.89,0.9970909,0,0.6999987,0,0.6999987
1,0.7500331,1,0.7528587,0.94,0.9032832,0.89,0.9975764,0,0.7499987,0,0.7499987
1,0.8000278,1,0.8022856,0.94,0.9226268,0.9,0.9980593,0,0.7999987,0,0.7999987
1,0.8500199,1,0.8517126,0.95,0.9419705,0.91,0.9985448,0,0.8499987,0,0.8499987
1,0.900012,1,0.9011422,0.97,0.9613141,0.91,0.9990303,0,0.8999987,0,0.8999987
1,0.9500066,1,0.9505717,0.99,0.9806551,0.92,0.9995131,0,0.9499987,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.96,0.9999987,0,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.260214E-04,0,5.186777E-04,0,1.651544E-03,0,1.357052E-03,0,5.690863E-04,0,4.523506E-04,0,2.370662E-02,0,1.972169E-02,0,3.116179E-02,0,3.615223E-02,
1,0.1001128,0.02,0.1004656,0.03,0.1014871,0.03,0.1012217,0.03,0.1005134,0.03,0.1004073,0.01,0.1213348,0.02,0.1177505,0.01,0.1280444,0.01,0.1325361,
1,0.1501074,0.03,0.1504417,0.04,0.1514048,0.03,0.1511528,0.04,0.1504842,0.04,0.1503834,0.02,0.1701515,0.02,0.1667635,0.02,0.1764871,0.01,0.1807293,
1,0.2000995,1,0.2004152,0.04,0.2013199,0.04,0.2010864,1,0.200455,1,0.2003621,0.02,0.2189656,0.02,0.2157766,0.02,0.2249297,0.02,0.2289226,
1,0.2500942,1,0.2503887,1,0.2512377,1,0.2510175,1,0.2504258,1,0.2503383,0.02,0.2677796,1,0.2647923,0.02,0.2733723,0.02,0.2771132,
1,0.3000889,1,0.3003621,1,0.3011554,1,0.3009485,1,0.3003966,1,0.300317,1,0.3165937,1,0.3138053,1,0.3218123,1,0.3253064,
1,0.3500809,1,0.3503356,1,0.3510732,1,0.3508821,1,0.3503701,1,0.3502932,1,0.3654078,1,0.3628184,1,0.370255,1,0.3734997,
1,0.4000756,1,0.4003117,1,0.4009909,1,0.4008132,1,0.4003409,1,0.400272,1,0.4142245,1,0.4118314,1,0.4186976,1,0.4216903,
1,0.4500676,1,0.4502852,1,0.4509087,1,0.4507468,1,0.4503118,1,0.4502481,1,0.4630386,1,0.4608471,1,0.4671376,1,0.4698835,
1,0.5000623,1,0.5002587,1,0.5008264,1,0.5006779,1,0.5002852,1,0.5002269,1,0.5118526,1,0.5098602,1,0.5155802,1,0.5180768,
1,0.5500571,1,0.5502322,1,0.5507416,1,0.5506089,1,0.550256,1,0.550203,1,0.5606667,1,0.5588732,1,0.5640229,1,0.5662674,
1,0.6000491,1,0.6002056,1,0.6006593,1,0.6005425,1,0.6002268,1,0.6001791,1,0.6094808,1,0.6078889,1,0.6124629,1,0.6144606,
1,0.6500438,1,0.6501817,1,0.6505771,1,0.6504736,1,0.6501976,1,0.6501579,1,0.6582975,1,0.656902,1,0.6609055,1,0.6626512,
1,0.7000358,1,0.7001552,1,0.7004948,1,0.7004073,1,0.7001685,1,0.700134,1,0.7071116,1,0.705915,1,0.7093481,1,0.7108445,
1,0.7500305,1,0.7501287,1,0.7504126,1,0.7503383,1,0.7501419,1,0.7501128,1,0.7559257,1,0.7549281,1,0.7577881,1,0.7590377,
1,0.8000252,1,0.8001021,1,0.8003303,1,0.8002693,1,0.8001128,1,0.8000889,1,0.8047397,1,0.8039438,1,0.8062308,1,0.8072283,
1,0.8500172,1,0.8500756,1,0.8502454,1,0.850203,1,0.8500836,1,0.8500677,1,0.8535538,1,0.8529568,1,0.8546734,1,0.8554216,
1,0.900012,1,0.9000517,1,0.9001632,1,0.900134,1,0.900057,1,0.9000438,1,0.9023705,1,0.9019699,1,0.903116,1,0.9036148,
1,0.950004,1,0.9500252,1,0.9500809,1,0.9500676,1,0.9500279,1,0.9500226,1,0.9511846,1,0.9509856,1,0.951556,1,0.9518054,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9445546,0,0.9227595,0,0.7894766,0,0.7746803,0,0.7233776,0,0.6919307,0,0.7905033,0,0.7637443,0,0.7731601,0,0.7714595,
0.96,0.9500995,0.96,0.9304826,0.96,0.8105288,0.97,0.797213,0.97,0.7510387,0.98,0.7227383,0.98,0.811452,0.98,0.78737,0.98,0.795844,0.98,0.7943131,
0.96,0.952872,0.97,0.9343455,0.96,0.8210536,0.97,0.8084779,0.98,0.7648718,0.98,0.7381421,0.98,0.8219264,0.98,0.7991815,0.98,0.8071859,0.98,0.8057399,
0.97,0.9556444,0.97,0.9382084,0.96,0.831581,0.97,0.8197429,0.98,0.7787024,0.98,0.7535432,0.98,0.8324034,0.98,0.8109957,0.98,0.8185278,0.98,0.8171667,
0.97,0.9584143,0.97,0.9420686,0.97,0.8421084,0.97,0.8310106,0.98,0.7925329,0.98,0.768947,0.98,0.8428778,0.98,0.8228073,0.98,0.8298697,0.99,0.8285936,
0.97,0.9611867,0.97,0.9459315,0.97,0.8526332,0.98,0.8422756,0.98,0.8063634,0.98,0.7843508,0.98,0.8533522,0.98,0.8346214,0.98,0.8412117,0.99,0.8400204,
0.97,0.9639592,0.98,0.9497944,0.97,0.863158,0.98,0.8535405,0.98,0.8201939,0.98,0.7997546,0.98,0.8638265,0.98,0.8464329,0.99,0.8525536,0.99,0.8514473,
0.97,0.9667317,0.98,0.9536546,0.97,0.8736854,0.98,0.8648082,0.98,0.8340271,0.99,0.8151584,0.98,0.8743009,0.99,0.8582471,0.99,0.8638955,0.99,0.8628741,
0.97,0.9695041,0.98,0.9575175,0.98,0.8842129,0.98,0.8760732,0.98,0.8478577,0.99,0.8305622,0.98,0.8847753,0.99,0.8700587,0.99,0.8752375,0.99,0.8743009,

0.98,0.9722766,0.98,0.9613804,0.98,0.8947376,0.98,0.8873382,0.98,0.8616881,0.99,0.845966,0.98,0.8952497,0.99,0.8818728,0.99,0.8865794,
0.99,0.8857304,
0.98,0.9750491,0.98,0.9652407,0.98,0.9052624,0.98,0.8986058,0.98,0.8755187,0.99,0.8613671,0.99,0.9057267,0.99,0.8936843,0.99,0.8979213
,0.99,0.8971572,
0.98,0.9778215,0.98,0.9691035,0.98,0.9157898,0.98,0.9098708,0.99,0.8893492,0.99,0.8767709,0.99,0.9162011,0.99,0.9054959,0.99,0.9092633
,0.99,0.9085841,
0.98,0.980594,0.98,0.9729638,0.98,0.9263173,0.98,0.9211385,0.99,0.9031824,0.99,0.8921747,0.99,0.9266754,0.99,0.9173101,0.99,0.9206052,
0.99,0.9200109,
0.98,0.9833665,0.99,0.9768267,0.98,0.936842,0.99,0.9324034,0.99,0.9170129,0.99,0.9075785,0.99,0.9371498,0.99,0.9291216,0.99,0.9319471,
0.99,0.9314377,
0.98,0.9861389,0.99,0.9806895,0.99,0.9473668,0.99,0.9436684,0.99,0.9308434,0.99,0.9229823,0.99,0.9476241,0.99,0.9409357,0.99,0.943289,
0.99,0.9428645,
0.98,0.9889088,0.99,0.9845498,0.99,0.9578943,0.99,0.9549361,0.99,0.944674,0.99,0.9383861,0.99,0.9580985,0.99,0.9527473,0.99,0.954631,0
.99,0.9542913,
0.99,0.9916813,0.99,0.9884127,0.99,0.9684217,0.99,0.9662011,0.99,0.9585044,0.99,0.9537873,0.99,0.9685755,0.99,0.9645615,0.99,0.9659729
,0.99,0.9657182,
0.99,0.9944537,0.99,0.9922755,0.99,0.9789464,0.99,0.977466,0.99,0.9723376,1,0.9691911,0.99,0.9790499,1,0.976373,1,0.9773148,1,0.977145
,
0.99,0.9972262,0.99,0.9961358,0.99,0.9894713,0.99,0.9887337,1,0.9861681,1,0.9845949,1,0.9895243,1,0.9881871,1,0.9886568,1,0.9885718,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,
0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,
0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,
0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,
0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,
0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,
0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,
0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,
0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,
0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,
0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,0,0.6999987,
0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,
0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,
0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,
0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,4.572588E-03,0,2.163987E-02,0,1.635228E-02,0,2.457418E-02,0,2.193967E-02,0,2.445745E-02,0,7.804707E-02,0,6.763902E-
02,0,0.1072946,0,0.1551616,
0.02,0.1041163,0.01,0.119475,0.01,0.114718,0.01,0.1221174,0.01,0.1197456,0.01,0.1220113,0.01,0.1702417,0.01,0.1608763,0.01,0.1965656,0
.01,0.2396463,
0.02,0.1538854,0.01,0.1683925,0.02,0.1638982,0.01,0.170889,0.02,0.1686499,0.02,0.1707882,0.01,0.216339,0.01,0.2074936,0.01,0.2412011,0
.01,0.2818861,
1,0.2036573,0.01,0.2173127,0.02,0.213081,0.02,0.219658,0.02,0.2175515,0.02,0.2195652,0.01,0.2624363,0.01,0.254111,0.01,0.2858365,0.01,
0.3241284,
1,0.2534291,0.02,0.2662302,0.02,0.2622639,0.02,0.2684296,0.02,0.2664531,0.02,0.2683421,0.01,0.3085363,0.01,0.3007283,0.01,0.330472,0.0
1,0.3663709,
1,0.3032009,0.02,0.3151478,0.02,0.3114467,0.02,0.3172013,0.02,0.3153574,0.02,0.317119,0.01,0.3546336,0.01,0.3473456,0.01,0.3751048,0.0
1,0.4086132,
1,0.3529728,0.02,0.3640653,0.02,0.3606296,0.02,0.3659729,0.02,0.3642617,0.02,0.365896,0.01,0.4007309,0.01,0.3939656,0.01,0.4197403,0.0
1,0.4508556,
1,0.402742,1,0.4129829,0.02,0.4098098,0.02,0.4147445,1,0.4131633,1,0.4146729,0.01,0.4468282,0.01,0.4405829,0.01,0.4643757,0.01,0.49309
53,
1,0.4525138,1,0.4619004,0.03,0.4589926,0.02,0.4635161,1,0.4620649,1,0.4634498,0.01,0.4929256,0.01,0.4872002,0.01,0.5090112,0.01,0.5353
377,
1,0.5022857,1,0.5108179,1,0.5081755,1,0.5122877,1,0.5109692,1,0.5122294,0.01,0.5390229,0.02,0.5338202,0.01,0.5536467,0.01,0.5775801,
1,0.5520574,1,0.5597382,1,0.5573583,1,0.5610567,1,0.5598735,1,0.5610063,0.01,0.5851202,1,0.5804375,1,0.5982822,1,0.6198225,
1,0.6018293,1,0.6086557,1,0.6065412,1,0.6098284,1,0.6087751,1,0.6097832,1,0.6312175,1,0.6270548,1,0.6429176,1,0.6620649,
1,0.6515985,1,0.6575732,1,0.6557214,1,0.6586,1,0.6576767,1,0.6585602,1,0.6773148,1,0.6736721,1,0.687553,1,0.7043046,
1,0.7013703,1,0.7064908,1,0.7049042,1,0.7073716,1,0.706581,1,0.7073371,1,0.7234122,1,0.7202895,1,0.7321885,1,0.746547,
1,0.7511421,1,0.7554083,1,0.7540871,1,0.7561432,1,0.7554852,1,0.756114,1,0.7695094,1,0.7669094,1,0.7768213,1,0.7887894,
1,0.800914,1,0.8043259,1,0.8032699,1,0.8049148,1,0.8043869,1,0.8048909,1,0.8156094,1,0.8135267,1,0.8214568,1,0.8310318,
1,0.8506858,1,0.853246,1,0.8524528,1,0.8536838,1,0.8532885,1,0.8536679,1,0.8617067,1,0.8601441,1,0.8660923,1,0.8732741,
1,0.900455,1,0.9021636,1,0.901633,1,0.9024554,1,0.9021928,1,0.9024448,1,0.9078041,1,0.906764,1,0.9107277,1,0.9155139,
1,0.9502268,1,0.9510812,1,0.9508158,1,0.9512271,1,0.9510971,1,0.9512218,1,0.9539014,1,0.9533814,1,0.9553632,1,0.9577563,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9942415,0,0.9899037,0,0.9711888,0,0.9701621,0,0.9647021,0,0.9612769,0,0.9748527,0,0.9717062,0,0.9739799,0,0.9749164,
0.86,0.9948172,0.88,0.9909145,0.24,0.9740701,0.89,0.9731468,0.17,0.9682307,0.12,0.9651478,0.92,0.9773679,0.92,0.9745344,0.93,0.9765826
,0.94,0.9774236,
0.87,0.9951064,0.88,0.9914186,0.88,0.9755107,0.89,0.9746379,0.91,0.9699976,0.93,0.9670845,0.92,0.9786254,0.93,0.9759511,0.93,0.9778826
,0.94,0.9786785,

0.87,0.9953929,0.89,0.9919227,0.88,0.9769514,0.9,0.9761289,0.92,0.9717619,0.93,0.9690213,0.92,0.979883,0.93,0.9773652,0.93,0.9791826,0
.94,0.9799334,
0.87,0.9956794,0.89,0.9924268,0.88,0.9783919,0.9,0.9776226,0.92,0.9735262,0.93,0.9709581,0.92,0.9811406,0.93,0.9787793,0.93,0.9804853,
0.94,0.9811883,
0.87,0.9959686,0.89,0.9929309,0.89,0.9798326,0.9,0.9791136,0.92,0.9752905,0.93,0.9728948,0.92,0.9823955,0.93,0.9801934,0.94,0.9817852,
0.94,0.9824406,
0.88,0.9962578,0.91,0.9934376,0.91,0.9812732,0.92,0.9806046,0.94,0.9770548,0.94,0.9748289,0.94,0.983653,0.94,0.9816075,0.95,0.9830853,
0.95,0.9836955,
0.9,0.9965444,0.91,0.9939417,0.91,0.9827138,0.92,0.9820957,0.94,0.9788218,0.95,0.9767656,0.94,0.9849106,0.95,0.9830242,0.95,0.9843879,
0.95,0.9849504,
0.91,0.9968309,0.92,0.9944458,0.92,0.9841545,0.93,0.9835894,0.94,0.9805861,0.95,0.9787024,0.94,0.9861681,0.95,0.9844384,0.95,0.985688,
0.96,0.9862027,
0.91,0.9971201,0.92,0.9949525,0.92,0.9855924,0.93,0.9850804,0.94,0.9823503,0.95,0.9806365,0.94,0.9874257,0.95,0.9858524,0.95,0.9869879
,0.96,0.9874576,
0.91,0.9974093,0.92,0.9954566,0.92,0.9870331,0.93,0.9865714,0.94,0.9841146,0.95,0.9825732,0.95,0.9886833,0.95,0.9872665,0.95,0.9882906
,0.96,0.9887124,
0.91,0.9976958,0.92,0.9959607,0.92,0.9884737,0.93,0.9880651,0.95,0.9858789,0.95,0.98451,0.95,0.9899408,0.95,0.9886806,0.96,0.9895906,0
.96,0.9899647,
0.92,0.9979823,0.93,0.9964648,0.93,0.9899143,0.93,0.9895561,0.95,0.9876459,0.95,0.9864467,0.95,0.9911984,0.95,0.9900973,0.96,0.9908933
,0.96,0.9912196,
0.92,0.9982715,0.93,0.9969689,0.93,0.9913549,0.94,0.9910471,0.95,0.9894102,0.96,0.9883835,0.95,0.992456,0.96,0.9915115,0.96,0.9921933,
0.96,0.9924746,
0.92,0.9985607,0.93,0.9974756,0.95,0.9927955,0.95,0.9925382,0.96,0.9911745,0.96,0.9903176,0.95,0.9937109,0.96,0.9929255,0.96,0.9934933
,0.96,0.9937268,
0.92,0.9988472,0.93,0.9979797,0.95,0.9942362,0.95,0.9940319,0.96,0.9929388,0.97,0.9922543,0.96,0.9949684,0.97,0.9943396,0.97,0.994796,
0.97,0.9949817,
0.94,0.9991338,0.95,0.9984838,0.95,0.9956768,0.96,0.9955229,0.97,0.9947031,0.97,0.9941911,0.97,0.996226,0.97,0.9957538,0.97,0.996096,0
.97,0.9962366,
0.95,0.999423,0.95,0.9989905,0.95,0.9971174,0.96,0.9970139,0.97,0.9964701,0.97,0.9961252,0.97,0.9974836,0.97,0.9971705,0.97,0.997396,0
.98,0.9974915,
0.95,0.9997122,0.96,0.9994946,0.96,0.998558,0.96,0.9985076,0.97,0.9982344,0.97,0.9980619,0.97,0.9987411,0.97,0.9985846,0.97,0.9986987,
0.98,0.9987438,
0.95,0.9999987,0.96,0.9999987,0.96,0.9999987,0.96,0.9999987,0.97,0.9999987,0.97,0.9999987,0.97,0.9999987,0.97,0.9999987,0.98,0.9999987
,0.98,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,
0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,
0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,

0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,
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0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,0,0.4499987,
0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,0,0.4999987,
0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,0,0.5499987,
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0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,
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0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,
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0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,
0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,1.293378E-03,0,2.647379E-02,0,0.680411,0,0.9539199,0,0,0,0
0.03,0.1011634,0.01,0.123826,0.23,0.71237,0.13,0.9585283,0,9.999868E-02,0,9.999868E-02
0.04,0.1510997,0.01,0.1725021,0.23,0.7283495,0.2,0.9608312,0,0.1499987,0,0.1499987
0.27,0.2010334,0.03,0.2211782,0.23,0.744329,0.22,0.9631367,0,0.1999987,0,0.1999987
0.42,0.2509697,0.03,0.2698543,0.44,0.7603086,0.29,0.9654396,0,0.2499987,0,0.2499987
0.73,0.300906,0.03,0.3185305,0.62,0.7762881,0.38,0.9677425,0,0.2999987,0,0.2999987
1,0.3508397,0.06,0.3672066,0.82,0.7922676,0.42,0.970048,0,0.3499987,0,0.3499987
1,0.400776,0.28,0.4158827,0.91,0.8082471,0.47,0.9723509,0,0.3999987,0,0.3999987
1,0.4507097,0.29,0.4645588,0.94,0.8242266,0.55,0.9746564,0,0.4499987,0,0.4499987
1,0.5006461,0.31,0.5132375,0.94,0.8402035,0.63,0.9769593,0,0.4999987,0,0.4999987
1,0.5505823,0.56,0.5619137,0.94,0.856183,0.68,0.9792622,0,0.5499987,0,0.5499987
1,0.600516,1,0.6105898,0.94,0.8721625,0.75,0.9815677,0,0.5999987,0,0.5999987
1,0.6504524,1,0.6592659,0.95,0.888142,0.81,0.9838706,0,0.6499987,0,0.6499987
1,0.700386,1,0.707942,0.95,0.9041216,0.86,0.9861761,0,0.6999987,0,0.6999987
1,0.7503223,1,0.7566181,0.97,0.9201011,0.89,0.988479,0,0.7499987,0,0.7499987
1,0.8002587,1,0.8052942,0.97,0.9360806,0.91,0.9907818,0,0.7999987,0,0.7999987
1,0.8501924,1,0.8539703,0.99,0.9520601,0.91,0.9930874,0,0.8499987,0,0.8499987
1,0.9001287,1,0.9026464,0.99,0.9680396,0.93,0.9953903,0,0.8999987,0,0.8999987
1,0.9500623,1,0.9513226,0.99,0.9840192,0.94,0.9976958,0,0.9499987,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.97,0.9999987,0,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:

```
Optimum Velocity in Reach,1,99.99072, %
Acceptable Velocity in Reach,1,99.99655, %
Optimum Depth in Reach,1,3.634714E-02, %
Acceptable Depth in Reach,1,2.368932, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0, %
Optimum Velocity in Reach,2,99.97506, %
Acceptable Velocity in Reach,2,99.9931, %
Optimum Depth in Reach,2,6.924528E-02, %
Acceptable Depth in Reach,2,5.207192, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.95331, %
Acceptable Velocity in Reach,3,99.98673, %
Optimum Depth in Reach,3,0.4841864, %
Acceptable Depth in Reach,3,27.87162, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,0, %
Optimum Velocity in Reach,4,99.95437, %
Acceptable Velocity in Reach,4,99.98859, %
Optimum Depth in Reach,4,0.5290233, %
Acceptable Depth in Reach,4,28.77128, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,0, %
Optimum Velocity in Reach,5,99.96445, %
Acceptable Velocity in Reach,5,99.99258, %
Optimum Depth in Reach,5,0.7805349, %
Acceptable Depth in Reach,5,35.21826, %
Optimum Depth & Velocity in Reach,5,0, %
Acceptable Depth & Velocity in Reach,5,0, %
Optimum Velocity in Reach,6,99.97108, %
Acceptable Velocity in Reach,6,99.99204, %
Optimum Depth in Reach,6,0.944495, %
Acceptable Depth in Reach,6,38.58448, %
Optimum Depth & Velocity in Reach,6,0, %
Acceptable Depth & Velocity in Reach,6,0, %
Optimum Velocity in Reach,7,99.91802, %
Acceptable Velocity in Reach,7,99.97639, %
Optimum Depth in Reach,7,0.4030022, %
Acceptable Depth in Reach,7,23.6856, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.94243, %
Acceptable Velocity in Reach,8,99.98064, %
Optimum Depth in Reach,8,0.5144314, %
Acceptable Depth in Reach,8,27.43997, %
Optimum Depth & Velocity in Reach,8,0, %
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Acceptable Depth & Velocity in Reach,8,0, %
Optimum Velocity in Reach,9,99.91988, %
Acceptable Velocity in Reach,9,99.97771, %
Optimum Depth in Reach,9,0.449431, %
Acceptable Depth in Reach,9,25.18299, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.91616, %
Acceptable Velocity in Reach,10,99.97639, %
Optimum Depth in Reach,10,0.4369616, %
Acceptable Depth in Reach,10,24.43138, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.95055, %
Acceptable Velocity in Stream,99.98607, %
Optimum Depth in Stream,0.4647658, %
Acceptable Depth in Stream,23.87617, %
Optimum Depth & Velocity in Stream,0, %
Acceptable Depth & Velocity in Stream,0, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.90343, %
Acceptable Velocity in Reach,1,99.987, %
Optimum Depth in Reach,1,0.5757174, %
Acceptable Depth in Reach,1,5.544398, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0, %
Optimum Velocity in Reach,2,99.64263, %
Acceptable Velocity in Reach,2,99.94773, %
Optimum Depth in Reach,2,1.009495, %
Acceptable Depth in Reach,2,7.7239, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.32108, %
Acceptable Velocity in Reach,3,99.83445, %
Optimum Depth in Reach,3,2.880975, %
Acceptable Depth in Reach,3,21.05216, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,0, %
Optimum Velocity in Reach,4,99.35318, %
Acceptable Velocity in Reach,4,99.8639, %
Optimum Depth in Reach,4,2.983649, %
Acceptable Depth in Reach,4,22.53178, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,0, %

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Optimum Velocity in Reach,5,99.55614, %
Acceptable Velocity in Reach,5,99.9427, %
Optimum Depth in Reach,5,3.529652, %
Acceptable Depth in Reach,5,27.66203, %
Optimum Depth & Velocity in Reach,5,0, %
Acceptable Depth & Velocity in Reach,5,0, %
Optimum Velocity in Reach,6,99.63653, %
Acceptable Velocity in Reach,6,99.95437, %
Optimum Depth in Reach,6,3.872164, %
Acceptable Depth in Reach,6,30.80672, %
Optimum Depth & Velocity in Reach,6,0, %
Acceptable Depth & Velocity in Reach,6,0, %
Optimum Velocity in Reach,7,99.09079, %
Acceptable Velocity in Reach,7,99.71745, %
Optimum Depth in Reach,7,2.514585, %
Acceptable Depth in Reach,7,20.94948, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.32558, %
Acceptable Velocity in Reach,8,99.7989, %
Optimum Depth in Reach,8,2.82924, %
Acceptable Depth in Reach,8,23.62538, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0, %
Optimum Velocity in Reach,9,99.15791, %
Acceptable Velocity in Reach,9,99.7392, %
Optimum Depth in Reach,9,2.601871, %
Acceptable Depth in Reach,9,22.6838, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.15234, %
Acceptable Velocity in Reach,10,99.74583, %
Optimum Depth in Reach,10,2.508218, %
Acceptable Depth in Reach,10,22.85386, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.41396, %
Acceptable Velocity in Stream,99.85315, %
Optimum Depth in Stream,2.530557, %
Acceptable Depth in Stream,20.54335, %
Optimum Depth & Velocity in Stream,0, %
Acceptable Depth & Velocity in Stream,0, %
```

Stream Health Run 22

Run Date,6/11/2002
Run Time,9:27:32 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityConventionalRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Central Stoneroller.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8268,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,2.751135,Index,3
90-10 Range ,100.5911,Index,3
Number of Storms 3x Median,11484,Index,5
Number of High Flow Events,1320,Index,1
High Flow Duration (hrs) ,61800,Index,1
Number of Low Flow Events ,109,Index,3
Low Flow Duration (hrs) ,13864,Index,1
Overall Index,2.444444
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,1.459196E-05,0,3.051045E-05,0,2.25512E-05,0,1.193887E-05,0,1.193887E-05,0,5.173511E-05,0,3.84697E-05,0,4.908203E-
05,0,6.062294E-04,
1,0.1000013,1,0.1000119,1,0.1000279,1,0.1000199,1,0.1000093,1,0.1000093,1,0.1000464,1,0.1000358,1,0.1000438,1,0.1005452,
1,0.1500013,1,0.1500119,1,0.1500252,1,0.1500199,1,0.1500093,1,0.1500093,1,0.1500438,1,0.1500332,1,0.1500411,1,0.150516,
1,0.2000013,1,0.2000119,1,0.2000252,1,0.2000172,1,0.2000093,1,0.2000093,1,0.2000411,1,0.2000305,1,0.2000385,1,0.2004842,
1,0.2500013,1,0.2500093,1,0.2500226,1,0.2500173,1,0.2500093,1,0.2500093,1,0.2500385,1,0.2500279,1,0.2500358,1,0.250455,
1,0.3000013,1,0.3000093,1,0.3000199,1,0.3000146,1,0.3000093,1,0.3000093,1,0.3000358,1,0.3000252,1,0.3000332,1,0.3004232,

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1,0.4500013,1,0.4500066,1,0.4500172,1,0.4500119,1,0.4500066,1,0.4500066,1,0.4500279,1,0.4500199,1,0.4500252,1,0.450333,
1,0.4999987,1,0.5000066,1,0.5000146,1,0.5000093,1,0.500004,1,0.500004,1,0.5000252,1,0.5000199,1,0.5000252,1,0.5003011,
1,0.5499987,1,0.5500066,1,0.5500119,1,0.5500093,1,0.550004,1,0.550004,1,0.5500225,1,0.5500172,1,0.5500225,1,0.5502719,
1,0.5999987,1,0.600004,1,0.6000119,1,0.6000093,1,0.600004,1,0.600004,1,0.6000199,1,0.6000146,1,0.6000199,1,0.6002427,
1,0.6499987,1,0.650004,1,0.6500093,1,0.6500067,1,0.650004,1,0.650004,1,0.6500173,1,0.650012,1,0.6500173,1,0.6502109,
1,0.6999987,1,0.700004,1,0.7000093,1,0.7000066,1,0.700004,1,0.700004,1,0.7000146,1,0.7000093,1,0.7000146,1,0.7001817,
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1,0.7999987,1,0.8000013,1,0.800004,1,0.800004,1,0.8000013,1,0.8000013,1,0.8000093,1,0.8000066,1,0.8000093,1,0.8001207,
1,0.8499987,1,0.8500013,1,0.850004,1,0.8500013,1,0.8500013,1,0.8500013,1,0.8500066,1,0.850004,1,0.8500066,1,0.8500889,
1,0.8999987,1,0.9000013,1,0.9000013,1,0.9000013,1,0.8999987,1,0.8999987,1,0.900004,1,0.900004,1,0.900004,1,0.9000597,
1,0.9499987,1,0.9499987,1,0.9500013,1,0.9499987,1,0.9499987,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500279,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9129032,0,0.8287289,0,0.4695625,0,0.4597939,0,0.3961596,0,0.3644606,0,0.511131,0,0.469979,0,0.4936551,0,0.5016171,
0.97,0.9216133,0.98,0.8458546,0.97,0.5226056,0.98,0.5138133,0.98,0.4565438,0.99,0.4280152,0.98,0.5600167,0.99,0.5229797,0.99,0.5442892
,0.99,0.5514552,
0.97,0.925967,0.98,0.8544187,0.98,0.5491285,0.98,0.5408243,0.99,0.4867359,0.99,0.4597912,0.98,0.5844622,0.99,0.5494813,0.99,0.5696076,
0.99,0.5763756,
0.97,0.9303234,0.98,0.8629829,0.98,0.5756487,0.98,0.5678353,0.99,0.516928,0.99,0.4915672,0.99,0.6089051,0.99,0.575983,0.99,0.5949233,0
.99,0.6012934,
0.97,0.9346771,0.98,0.871547,0.98,0.6021715,0.98,0.5948464,0.99,0.5471201,0.99,0.5233458,0.99,0.6333479,0.99,0.6024846,0.99,0.6202417,
0.99,0.6262111,
0.97,0.9390308,0.98,0.8801112,0.98,0.6286944,0.98,0.6218548,0.99,0.5773122,0.99,0.5551218,0.99,0.6577908,0.99,0.6289862,0.99,0.6455574
,0.99,0.6511315,
0.98,0.9433872,0.98,0.8886726,0.98,0.6552146,0.98,0.6488658,0.99,0.6075042,0.99,0.5868977,0.99,0.6822336,0.99,0.6554853,0.99,0.6708758
,0.99,0.676052,
0.98,0.9477409,0.98,0.8972368,0.98,0.6817375,0.98,0.6758769,0.99,0.6376963,0.99,0.6186764,0.99,0.7066792,0.99,0.6819869,0.99,0.6961915
,0.99,0.7009697,
0.98,0.9520972,0.98,0.9058009,0.98,0.7082577,0.99,0.7028852,0.99,0.6678884,0.99,0.6504524,0.99,0.731122,0.99,0.7084885,0.99,0.7215099,
0.99,0.7258875,
0.98,0.956451,0.98,0.9143625,0.98,0.7347806,0.99,0.7298962,0.99,0.6980779,0.99,0.6822283,0.99,0.7555649,0.99,0.7349876,0.99,0.7468256,
0.99,0.7508079,
0.98,0.9608047,0.98,0.9229266,0.98,0.7613035,0.99,0.7569073,0.99,0.7282699,0.99,0.714007,0.99,0.7800077,0.99,0.7614892,0.99,0.772144,0
.99,0.7757283,
0.98,0.965161,0.98,0.9314908,0.99,0.7878237,0.99,0.7839157,0.99,0.758462,0.99,0.7457829,0.99,0.8044506,0.99,0.7879908,0.99,0.7974623,0
.99,0.800646,
0.98,0.9695147,0.98,0.9400549,0.99,0.8143466,0.99,0.8109267,0.99,0.7886541,0.99,0.7775615,0.99,0.828896,0.99,0.8144925,0.99,0.822778,0
.99,0.8255638,
0.98,0.9738711,0.98,0.9486191,0.99,0.8408667,0.99,0.8379378,0.99,0.8188462,0.99,0.8093375,0.99,0.8533389,0.99,0.8409941,0.99,0.8480964
,0.99,0.8504842,

0.98,0.9782248,0.99,0.9571806,0.99,0.8673896,0.99,0.8649461,0.99,0.8490382,0.99,0.8411135,0.99,0.8777817,0.99,0.8674931,0.99,0.8734121
,0.99,0.8754046,
0.98,0.9825785,0.99,0.9657447,0.99,0.8939125,0.99,0.8919572,0.99,0.8792303,0.99,0.8728921,0.99,0.9022246,0.99,0.8939947,0.99,0.8987305
,0.99,0.9003224,
0.99,0.9869349,0.99,0.9743088,0.99,0.9204327,0.99,0.9189682,0.99,0.9094224,0.99,0.9046681,0.99,0.9266675,0.99,0.9204964,0.99,0.9240462
,1,0.9252401,
0.99,0.9912886,0.99,0.9828704,0.99,0.9469556,0.99,0.9459792,1,0.9396145,1,0.936444,0.99,0.951113,0.99,0.9469954,0.99,0.9493646,1,0.950
1605,
0.99,0.995645,0.99,0.9914345,1,0.9734758,1,0.9729877,1,0.9698066,1,0.9682227,1,0.9755558,1,0.973497,1,0.9746803,1,0.9750809,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9994866,0,0,0,0.9795195,0,0.9762403,0,0.923436,0,0.9094357,0,0,0,0.9920686,0,0,0,0,
0.03,0.9995371,0,9.999868E-02,0.03,0.9815677,0.03,0.9786148,0.02,0.9310928,0.02,0.9184906,0,9.999868E-02,0.02,0.9928619,0,9.999868E-
02,0,9.999868E-02,
0.03,0.9995636,0,0.1499987,0.03,0.9825918,0.03,0.9798034,0.02,0.9349212,0.02,0.9230195,0,0.1499987,0.02,0.9932572,0,0.1499987,0,0.1499
987,
0.03,0.9995901,0,0.1999987,0.03,0.9836159,0.03,0.980992,0.02,0.9387496,0.02,0.9275483,0,0.1999987,0.02,0.9936551,0,0.1999987,0,0.19999
87,
0.03,0.999614,0,0.2499987,0.03,0.98464,0.03,0.9821806,0.02,0.9425753,0.03,0.9320771,0,0.2499987,0.02,0.9940504,0,0.2499987,0,0.2499987
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987,
0.03,0.999667,0,0.3499987,0.03,0.9866881,0.03,0.9845551,0.03,0.9502321,0.05,0.9411321,0,0.3499987,0.02,0.9948437,0,0.3499987,0,0.34999
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987,
0.03,0.9997175,0,0.4499987,0.03,0.9887363,0.03,0.9869322,0.03,0.957889,0.96,0.9501897,0,0.4499987,0.02,0.995637,0,0.4499987,0,0.449998
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0.03,0.999744,0,0.4999987,0.03,0.9897578,0.03,0.9881182,0.95,0.9617174,0.96,0.9547158,0,0.4999987,0.02,0.996035,0,0.4999987,0,0.499998
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0.03,0.9997678,0,0.5499987,0.03,0.9907818,0.03,0.9893067,0.95,0.9655457,0.96,0.9592447,0,0.5499987,0.02,0.9964303,0,0.5499987,0,0.5499
987,
0.03,0.9997944,0,0.5999987,0.03,0.991806,0.03,0.9904953,0.96,0.9693741,0.96,0.9637735,0,0.5999987,0.02,0.9968256,0,0.5999987,0,0.59999
87,
0.03,0.9998183,0,0.6499987,0.03,0.99283,0.03,0.9916839,0.96,0.9732025,0.96,0.9683023,0,0.6499987,0.02,0.9972236,0,0.6499987,0,0.649998
7,
0.03,0.9998448,0,0.6999987,0.03,0.9938541,0.03,0.9928725,0.96,0.9770309,0.96,0.9728311,0,0.6999987,0.02,0.9976189,0,0.6999987,0,0.6999
987,
0.03,0.9998713,0,0.7499987,0.03,0.9948782,0.03,0.9940584,0.96,0.9808593,0.97,0.9773573,0,0.7499987,0.02,0.9980168,0,0.7499987,0,0.7499
987,
0.03,0.9998952,0,0.7999987,0.03,0.9959023,0.03,0.995247,0.96,0.9846851,0.97,0.9818861,0,0.7999987,0.02,0.9984121,0,0.7999987,0,0.79999
87,

0.03,0.9999217,0,0.8499987,0.03,0.9969264,0.03,0.9964356,0.97,0.9885135,0.98,0.9864149,0,0.8499987,0.02,0.9988101,0,0.8499987,0,0.8499987,
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0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.989812E-05,0,5.43882E-05,0,8.622519E-05,0,7.295978E-05,0,6.234745E-05,0,4.642895E-05,0,4.768916E-03,0,3.161148E-03,0,6.347501E-03,0,7.201794E-03,
0.99,0.1000172,0.03,0.1000491,0.04,0.1000783,0.03,0.100065,0.04,0.100057,0.04,0.1000411,0.02,0.1042914,0.02,0.1028454,0.01,0.1057134,0.01,0.1064828,
0.99,0.1500172,0.03,0.1500464,0.04,0.150073,0.04,0.1500624,0.99,0.1500517,0.99,0.1500385,0.02,0.1540526,0.02,0.1526863,0.02,0.155395,0.02,0.156122,
0.99,0.2000146,0.99,0.2000438,0.05,0.2000677,0.04,0.200057,0.99,0.2000491,0.99,0.2000358,0.02,0.2038138,0.02,0.2025297,0.02,0.2050767,0.02,0.2057612,
0.99,0.2500146,1,0.2500411,0.99,0.250065,0.99,0.2500544,0.99,0.2500464,0.99,0.2500358,0.02,0.253575,0.99,0.2523705,0.02,0.254761,0.02,0.2554004,
0.99,0.3000146,1,0.3000385,0.99,0.3000597,0.99,0.3000517,0.99,0.3000438,0.99,0.3000332,0.99,0.3033389,1,0.3022113,1,0.3044426,1,0.3050395,
0.99,0.3500119,1,0.3500358,0.99,0.3500544,0.99,0.3500464,0.99,0.3500411,0.99,0.3500305,1,0.3531001,1,0.3520548,1,0.3541242,1,0.3546814,
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0.99,0.4500093,1,0.4500305,0.99,0.4500464,0.99,0.4500385,0.99,0.4500332,0.99,0.4500252,1,0.4526226,1,0.4517391,1,0.4534901,1,0.4539597,
0.99,0.5000093,1,0.5000252,0.99,0.5000411,0.99,0.5000358,0.99,0.5000305,0.99,0.5000225,1,0.5023838,1,0.5015799,1,0.5031717,1,0.5036016,
1,0.5500093,1,0.5500225,0.99,0.5500385,0.99,0.5500332,0.99,0.5500278,0.99,0.5500199,1,0.552145,1,0.5514207,1,0.552856,1,0.5532407,
1,0.6000066,1,0.6000199,0.99,0.6000332,0.99,0.6000279,0.99,0.6000252,0.99,0.6000172,1,0.6019062,1,0.6012642,1,0.6025377,1,0.6028799,
1,0.6500067,1,0.6500173,0.99,0.6500305,1,0.6500252,0.99,0.6500199,0.99,0.6500146,1,0.6516675,1,0.651105,1,0.652222,1,0.6525191,
1,0.700004,1,0.7000146,1,0.7000252,1,0.7000199,1,0.7000173,1,0.700012,1,0.7014287,1,0.7009485,1,0.7019036,1,0.7021583,
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1,0.800004,1,0.8000093,1,0.8000172,1,0.8000146,1,0.8000119,1,0.8000093,1,0.8009538,1,0.8006301,1,0.8012695,1,0.8014393,
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Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9969158,0,0.9925408,0,0.946218,0,0.9431537,0,0.9221201,0,0.9091359,0,0.9564059,0,0.946677,0,0.952397,0,0.9538297,
0.93,0.9972236,0.94,0.9932864,0.93,0.9515958,0.94,0.9488392,0.95,0.9299069,0.96,0.9182227,0.96,0.9607649,0.96,0.9520097,0.96,0.9571567,0.97,0.9584461,
0.93,0.9973775,0.94,0.9936604,0.93,0.954286,0.94,0.9516807,0.95,0.9338016,0.96,0.9227648,0.96,0.9629457,0.96,0.954676,0.96,0.9595365,0.97,0.9607543,
0.93,0.9975313,0.94,0.9940319,0.94,0.9569736,0.94,0.9545222,0.96,0.9376963,0.96,0.9273095,0.96,0.9651239,0.96,0.9573424,0.96,0.9619163,0.97,0.9630625,
0.93,0.9976852,0.94,0.994406,0.94,0.9596639,0.94,0.9573636,0.96,0.9415884,0.96,0.9318516,0.96,0.9673047,0.96,0.9600061,0.97,0.9642988,0.97,0.9653707,
0.93,0.9978417,0.94,0.9947774,0.94,0.9623514,0.95,0.9602078,0.96,0.9454831,0.96,0.9363937,0.96,0.9694829,0.96,0.9626725,0.97,0.9666786,0.97,0.9676815,
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Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

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Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,1.459196E-05,0,8.622519E-05,0,0,0.3631314,0,0.9087061,0,0.9102847,0,0
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1,0.1500119,0.27,0.150073,0.31,0.458661,0.13,0.9224013,0.01,0.9237411,0,0.1499987
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Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,2.520429E-05,0,5.173511E-05,0,4.642895E-05,0,3.581662E-05,0,2.785737E-05,0,9.683752E-05,0,8.091903E-05,0,9.949061E-
05,0,1.863791E-03,
1,0.1000013,1,0.1000226,1,0.1000464,1,0.1000411,1,0.1000332,1,0.1000252,0.04,0.1000862,1,0.100073,0.03,0.1000889,0.03,0.1016781,
1,0.1500013,1,0.1500199,1,0.1500438,1,0.1500385,1,0.1500305,1,0.1500226,1,0.1500809,1,0.1500677,1,0.1500836,1,0.1515852,
1,0.2000013,1,0.2000199,1,0.2000411,1,0.2000358,1,0.2000279,1,0.2000225,1,0.2000783,1,0.200065,1,0.2000783,1,0.2014897,
1,0.2500013,1,0.2500199,1,0.2500385,1,0.2500358,1,0.2500252,1,0.2500199,1,0.250073,1,0.2500597,1,0.250073,1,0.2513968,
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1,0.3500013,1,0.3500146,1,0.3500332,1,0.3500305,1,0.3500226,1,0.3500172,1,0.3500623,1,0.3500517,1,0.350065,1,0.3512111,
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Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.8943184,0,0.8280497,0,0.4965656,0,0.485473,0,0.423367,0,0.3909357,0,0.5288271,0,0.4880067,0,0.505464,0,0.5071328,
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0.97,0.9101706,0.98,0.853843,0.98,0.5720803,0.98,0.5626512,0.99,0.5098628,0.99,0.4822946,0.98,0.5995026,0.99,0.5648055,0.99,0.5796442,
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0.99,0.9894314,0.99,0.9828041,0.99,0.9496564,0.99,0.9485448,1,0.9423366,1,0.9390919,1,0.9528826,1,0.9487995,1,0.9505452,1,0.9507123,
0.99,0.9947137,1,0.9914,1,0.9748262,1,0.9742717,1,0.9711676,1,0.9695466,1,0.9764393,1,0.9743991,1,0.9752719,1,0.9753542,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.997916,0,0,0,0.9698119,0,0.9638212,0,0.900845,0,0.8847912,0,0,0,0.9881182,0,0,0,0,
0.03,0.9981256,0,9.999868E-02,0.03,0.9728311,0.03,0.9674401,0.02,0.9107596,0.02,0.8963109,0,9.999868E-02,0.02,0.9893067,0,9.999868E-02,0,9.999868E-02,
0.03,0.9982291,0,0.1499987,0.03,0.9743407,0.03,0.9692468,0.02,0.9157182,0.02,0.9020734,0,0.1499987,0.02,0.9899011,0,0.1499987,0,0.1499987,
0.03,0.9983326,0,0.1999987,0.03,0.9758503,0.03,0.9710562,0.02,0.9206768,0.02,0.9078332,0,0.1999987,0.02,0.9904953,0,0.1999987,0,0.1999987,
0.03,0.998436,0,0.2499987,0.03,0.9773573,0.03,0.9728656,0.02,0.9256328,0.02,0.9135931,0,0.2499987,0.02,0.9910896,0,0.2499987,0,0.2499987,
0.03,0.9985395,0,0.2999987,0.03,0.9788669,0.03,0.974675,0.02,0.9305913,0.02,0.9193529,0,0.2999987,0.02,0.9916813,0,0.2999987,0,0.2999987,
0.03,0.9986456,0,0.3499987,0.03,0.9803765,0.03,0.9764844,0.03,0.93555,0.03,0.9251128,0,0.3499987,0.02,0.9922755,0,0.3499987,0,0.3499987,

0.03,0.9987491,0,0.3999987,0.03,0.9818861,0.03,0.9782912,0.03,0.9405059,0.04,0.9308752,0,0.3999987,0.02,0.9928699,0,0.3999987,0,0.3999987,
0.03,0.9988526,0,0.4499987,0.03,0.9833957,0.03,0.9801006,0.03,0.9454646,0.05,0.9366351,0,0.4499987,0.02,0.9934641,0,0.4499987,0,0.4499987,
0.03,0.9989586,0,0.4999987,0.03,0.9849053,0.03,0.9819099,0.03,0.9504232,0.05,0.9423949,0,0.4999987,0.02,0.9940584,0,0.4999987,0,0.4999987,
0.03,0.9990621,0,0.5499987,0.03,0.9864149,0.03,0.9837193,0.03,0.9553791,0.96,0.9481548,0,0.5499987,0.02,0.9946527,0,0.5499987,0,0.5499987,
0.03,0.9991656,0,0.5999987,0.03,0.9879245,0.03,0.9855288,0.05,0.9603378,0.96,0.9539146,0,0.5999987,0.02,0.995247,0,0.5999987,0,0.5999987,
0.03,0.9992691,0,0.6499987,0.03,0.9894341,0.03,0.9873355,0.95,0.9652937,0.96,0.9596771,0,0.6499987,0.02,0.9958413,0,0.6499987,0,0.6499987,
0.03,0.9993725,0,0.6999987,0.03,0.9909437,0.03,0.9891449,0.96,0.9702523,0.96,0.9654369,0,0.6999987,0.02,0.9964356,0,0.6999987,0,0.6999987,
0.03,0.9994787,0,0.7499987,0.03,0.9924533,0.03,0.9909543,0.96,0.9752109,0.96,0.9711968,0,0.7499987,0.02,0.9970272,0,0.7499987,0,0.7499987,
0.03,0.9995821,0,0.7999987,0.03,0.9939603,0.03,0.9927637,0.96,0.9801669,0.97,0.9769567,0,0.7999987,0.02,0.9976215,0,0.7999987,0,0.7999987,
0.03,0.9996856,0,0.8499987,0.03,0.9954699,0.03,0.9945731,0.96,0.9851255,0.98,0.9827165,0,0.8499987,0.02,0.9982158,0,0.8499987,0,0.8499987,
0.03,0.9997917,0,0.8999987,0.03,0.9969795,0.03,0.9963799,0.97,0.9900841,0.98,0.988479,0,0.8999987,0.02,0.9988101,0,0.8999987,0,0.8999987,
0.03,0.9998952,0,0.9499987,0.03,0.9984891,0.03,0.9981893,0.97,0.9950401,0.98,0.9942389,0,0.9499987,0.02,0.9994044,0,0.9499987,0,0.9499987,
0.03,0.9999987,0,0.9999987,0.03,0.9999987,0.03,0.9999987,0.97,0.9999987,0.98,0.9999987,0,0.9999987,0.02,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,4.377587E-05,0,1.101029E-04,0,2.268386E-04,0,2.056139E-04,0,1.339807E-04,0,9.949061E-05,0,1.135917E-02,0,7.896901E-03,0,0.0154688,0,1.813249E-02,
0.99,0.1000385,0.03,0.1000995,0.04,0.100203,0.03,0.1001844,0.03,0.1001207,0.03,0.1000889,0.02,0.1102237,0.02,0.1071063,0.01,0.1139221,0.01,0.1163204,
0.99,0.1500358,0.03,0.1500942,0.04,0.1501924,0.04,0.1501738,0.04,0.1501128,0.99,0.1500836,0.02,0.1596559,0.02,0.156711,0.02,0.1631473,0.01,0.1654131,
0.99,0.2000358,0.99,0.2000889,0.05,0.2001817,0.04,0.2001632,0.99,0.2001075,0.99,0.2000783,0.02,0.2090881,0.02,0.2063183,0.02,0.2123753,0.02,0.2145057,
0.99,0.2500332,1,0.2500836,0.99,0.2501685,0.99,0.2501526,0.99,0.2500995,0.99,0.250073,0.02,0.2585204,0.99,0.255923,0.02,0.2616006,0.02,0.2635984,
0.99,0.3000305,1,0.3000756,0.99,0.3001578,0.99,0.3001446,0.99,0.3000942,0.99,0.3000703,0.99,0.30795,1,0.3055277,1,0.3108286,1,0.312691,
0.99,0.3500279,1,0.3500703,0.99,0.3501472,0.99,0.350134,0.99,0.3500862,0.99,0.350065,1,0.3573822,1,0.3551324,1,0.3600539,1,0.3617863,
0.99,0.4000252,1,0.400065,0.99,0.4001366,0.99,0.4001234,0.99,0.4000809,0.99,0.4000597,1,0.4068145,1,0.4047371,1,0.4092818,1,0.410879,
0.99,0.4500225,1,0.4500597,0.99,0.4501234,0.99,0.4501128,0.99,0.450073,0.99,0.4500544,1,0.4562467,1,0.4543418,1,0.4585071,1,0.4599716,

1,0.5000199,1,0.5000544,0.99,0.5001128,0.99,0.5001022,0.99,0.5000677,0.99,0.5000491,1,0.505679,1,0.5039465,1,0.5077351,1,0.5090669,
1,0.5500199,1,0.5500491,0.99,0.5501021,0.99,0.5500915,0.99,0.5500597,0.99,0.5500438,1,0.5551112,1,0.5535538,1,0.5569603,1,0.5581595,
1,0.6000172,1,0.6000438,0.99,0.6000889,0.99,0.6000809,0.99,0.6000518,0.99,0.6000385,1,0.6045434,1,0.6031585,1,0.6061857,1,0.6072522,
1,0.6500146,1,0.6500385,0.99,0.6500782,1,0.6500703,0.99,0.6500464,0.99,0.6500332,1,0.6539757,1,0.6527632,1,0.6554136,1,0.6563448,
1,0.700012,1,0.7000332,1,0.7000676,1,0.7000597,1,0.7000385,1,0.7000279,1,0.7034079,1,0.7023679,1,0.7046389,1,0.7054375,
1,0.7500093,1,0.7500252,1,0.750057,1,0.7500517,1,0.7500331,1,0.7500252,1,0.7528375,1,0.7519726,1,0.7538669,1,0.7545328,
1,0.8000066,1,0.8000199,1,0.8000438,1,0.8000411,1,0.8000252,1,0.8000199,1,0.8022697,1,0.8015773,1,0.8030922,1,0.8036255,
1,0.8500066,1,0.8500146,1,0.8500332,1,0.8500305,1,0.8500199,1,0.8500146,1,0.851702,1,0.8511846,1,0.8523201,1,0.8527181,
1,0.900004,1,0.9000093,1,0.9000226,1,0.9000199,1,0.900012,1,0.9000093,1,0.9011342,1,0.9007893,1,0.9015454,1,0.9018134,
1,0.9500013,1,0.950004,1,0.9500093,1,0.9500093,1,0.9500066,1,0.950004,1,0.9505664,1,0.950394,1,0.9507734,1,0.950906,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9876698,0,0.9793311,0,0.9224013,0,0.916936,0,0.8964064,0,0.8832073,0,0.9275377,0,0.9165459,0,0.9225472,0,0.9225446,
0.92,0.9889035,0.1,0.9813979,0.1,0.9301616,0.08,0.9252428,0.07,0.9067667,0.06,0.8948862,0.07,0.9347832,0.06,0.9248899,0.06,0.9302916,0
.05,0.9302889,
0.93,0.989519,0.94,0.98243,0.93,0.9340404,0.94,0.9293948,0.95,0.9119455,0.96,0.9007256,0.96,0.9384074,0.96,0.9290632,0.96,0.9341651,0.
97,0.9341624,
0.93,0.9901345,0.94,0.9834647,0.93,0.9379218,0.94,0.9335496,0.95,0.9171243,0.96,0.9065651,0.96,0.9420288,0.96,0.9332365,0.96,0.9380386
,0.97,0.9380359,
0.93,0.9907527,0.94,0.9844993,0.94,0.9418007,0.94,0.9377016,0.96,0.9223058,0.96,0.9124045,0.96,0.9456529,0.96,0.9374098,0.96,0.9419094
,0.97,0.9419068,
0.93,0.9913682,0.94,0.9855314,0.94,0.9456794,0.94,0.9418537,0.96,0.9274846,0.96,0.9182439,0.96,0.949277,0.96,0.9415831,0.97,0.9457829,
0.97,0.9457803,
0.93,0.9919837,0.94,0.9865634,0.94,0.9495609,0.95,0.9460084,0.96,0.9326634,0.96,0.9240834,0.96,0.9528985,0.96,0.9457538,0.97,0.9496564
,0.97,0.9496537,
0.94,0.9926019,0.95,0.9875982,0.95,0.9534397,0.95,0.9501605,0.96,0.9378422,0.97,0.9299228,0.97,0.9565226,0.97,0.949927,0.97,0.9535273,
0.97,0.9535273,
0.95,0.9932174,0.95,0.9886329,0.95,0.9573212,0.96,0.9543152,0.97,0.9430237,0.97,0.9357622,0.97,0.960144,0.97,0.9541003,0.97,0.9574008,
0.98,0.9573981,
0.95,0.9938329,0.96,0.9896649,0.95,0.9612,0.96,0.9584673,0.97,0.9482026,0.97,0.9416043,0.97,0.9637682,0.97,0.958271,0.97,0.9612743,0.9
8,0.9612716,
0.95,0.9944511,0.96,0.990697,0.95,0.9650788,0.96,0.9626194,0.97,0.9533814,0.97,0.9474438,0.97,0.9673923,0.97,0.9624443,0.97,0.9651451,
0.98,0.9651451,
0.95,0.9950666,0.96,0.9917316,0.96,0.9689603,0.96,0.9667741,0.97,0.9585629,0.97,0.9532832,0.97,0.9710137,0.97,0.9666176,0.98,0.9690186
,0.98,0.969016,
0.95,0.9956847,0.96,0.9927664,0.96,0.9728391,0.96,0.9709262,0.97,0.9637417,0.98,0.9591226,0.97,0.9746379,0.97,0.9707909,0.98,0.9728895
,0.98,0.9728895,
0.95,0.9963003,0.96,0.9937984,0.96,0.9767205,0.96,0.9750809,0.97,0.9689205,0.98,0.9649621,0.97,0.9782593,0.98,0.9749642,0.98,0.976763,
0.98,0.976763,
0.96,0.9969158,0.96,0.9948305,0.96,0.9805993,0.97,0.979233,0.97,0.9740993,0.98,0.9708015,0.97,0.9818834,0.98,0.9791349,0.98,0.9806365,
0.98,0.9806365,

0.96,0.997534,0.96,0.9958652,0.96,0.9844781,0.97,0.9833851,0.98,0.9792808,0.98,0.9766409,0.98,0.9855075,0.98,0.9833081,0.98,0.9845073,
0.98,0.9845073,
0.97,0.9981495,0.97,0.9968998,0.97,0.9883596,0.97,0.9875398,0.98,0.9844596,0.98,0.9824803,0.98,0.989129,0.98,0.9874814,0.98,0.9883808,
0.99,0.9883808,
0.97,0.998765,0.97,0.9979319,0.97,0.9922384,0.98,0.9916919,0.98,0.9896384,0.98,0.9883198,0.98,0.9927531,0.98,0.9916521,0.99,0.9922543,
0.99,0.9922543,
0.97,0.9993832,0.98,0.998964,0.98,0.9961199,0.98,0.9958466,0.98,0.9948199,0.99,0.9941592,0.98,0.9963745,0.99,0.9958254,0.99,0.9961252,
0.99,0.9961252,
0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,0,0.1999987,
0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,0,0.2499987,
0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,0,0.2999987,
0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,0,0.3499987,
0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,0,0.3999987,
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0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,0,0.5999987,
0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,0,0.6499987,
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0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,
0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,
0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,3.84697E-05,0,2.135732E-04,0,0.3849132,0,0.875325,0,0.8878953,0,0
0.55,0.1000358,0.04,0.1001923,0.24,0.4464223,0.12,0.8877918,0.01,0.8991046,0,9.999868E-02
1,0.1500332,0.16,0.1501817,0.37,0.4771768,0.13,0.8940266,0.01,0.9047105,0,0.1499987

1,0.2000305,0.29,0.2001711,0.52,0.5079314,0.23,0.9002587,0.01,0.9103165,0,0.1999987
1,0.2500279,0.57,0.2501605,0.83,0.5386859,0.23,0.9064934,0.01,0.9159225,0,0.2499987
1,0.3000252,0.87,0.3001499,0.94,0.5694378,0.28,0.9127282,0.01,0.9215258,0,0.2999987
1,0.3500252,0.99,0.3501393,0.95,0.6001924,0.38,0.9189603,0.01,0.9271318,0,0.3499987
1,0.4000225,0.99,0.4001287,0.95,0.6309469,0.47,0.925195,0.01,0.9327377,0,0.3999987
1,0.4500199,1,0.4501181,0.95,0.6617014,0.55,0.9314271,0.01,0.938341,0,0.4499987
1,0.5000199,1,0.5001048,0.95,0.6924559,0.66,0.9376618,0.12,0.943947,0,0.4999987
1,0.5500172,1,0.5500942,0.95,0.7232105,0.74,0.9438966,0.12,0.949553,0,0.5499987
1,0.6000146,1,0.6000836,0.95,0.753965,0.81,0.9501287,0.13,0.9551563,0,0.5999987
1,0.650012,1,0.6500729,0.95,0.7847196,0.88,0.9563634,0.13,0.9607622,0,0.6499987
1,0.7000093,1,0.7000623,0.96,0.8154741,0.92,0.9625955,0.21,0.9663682,0,0.6999987
1,0.7500093,1,0.7500517,0.98,0.846226,0.93,0.9688302,0.23,0.9719715,0,0.7499987
1,0.8000066,1,0.8000411,0.98,0.8769805,0.93,0.975065,0.23,0.9775774,0,0.7999987
1,0.850004,1,0.8500305,0.99,0.907735,0.93,0.9812971,0.23,0.9831834,0,0.8499987
1,0.900004,1,0.9000199,0.99,0.9384896,0.94,0.9875318,0.23,0.9887894,0,0.8999987
1,0.9500013,1,0.9500093,1,0.9692441,0.95,0.9937639,0.23,0.9943927,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.98,0.9999987,0.3,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99761, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,0.3082874, %
Acceptable Depth in Reach,1,8.709517, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,5.120436E-02, %
Optimum Velocity in Reach,2,99.99416, %
Acceptable Velocity in Reach,2,99.99814, %
Optimum Depth in Reach,2,0.7457796, %
Acceptable Depth in Reach,2,17.12693, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.99098, %
Acceptable Velocity in Reach,3,99.99655, %
Optimum Depth in Reach,3,5.37805, %
Acceptable Depth in Reach,3,53.04348, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,2.047909, %
Optimum Velocity in Reach,4,99.9923, %
Acceptable Velocity in Reach,4,99.99734, %
Optimum Depth in Reach,4,5.684481, %
Acceptable Depth in Reach,4,54.02034, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,2.375829, %

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Optimum Velocity in Reach,5,99.99336, %
Acceptable Velocity in Reach,5,99.99841, %
Optimum Depth in Reach,5,7.787838, %
Acceptable Depth in Reach,5,60.38374, %
Optimum Depth & Velocity in Reach,5,3.873491E-02, %
Acceptable Depth & Velocity in Reach,5,7.656246, %
Optimum Velocity in Reach,6,99.99496, %
Acceptable Velocity in Reach,6,99.99841, %
Optimum Depth in Reach,6,9.086254, %
Acceptable Depth in Reach,6,63.55364, %
Optimum Depth & Velocity in Reach,6,2.225135, %
Acceptable Depth & Velocity in Reach,6,9.056274, %
Optimum Velocity in Reach,7,99.98276, %
Acceptable Velocity in Reach,7,99.99443, %
Optimum Depth in Reach,7,4.359269, %
Acceptable Depth in Reach,7,48.88663, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.98806, %
Acceptable Velocity in Reach,8,99.99576, %
Optimum Depth in Reach,8,5.332152, %
Acceptable Depth in Reach,8,53.00182, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0.7930044, %
Optimum Velocity in Reach,9,99.98222, %
Acceptable Velocity in Reach,9,99.9947, %
Optimum Depth in Reach,9,4.760149, %
Acceptable Depth in Reach,9,50.63422, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.98222, %
Acceptable Velocity in Reach,10,99.99522, %
Optimum Depth in Reach,10,4.616883, %
Acceptable Depth in Reach,10,49.83803, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.98987, %
Acceptable Velocity in Stream,99.99684, %
Optimum Depth in Stream,4.805914, %
Acceptable Depth in Stream,45.91984, %
Optimum Depth & Velocity in Stream,0.226387, %
Acceptable Depth & Velocity in Stream,2.198047, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99522, %
```

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Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,1.232884, %
Acceptable Depth in Reach,1,10.568, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0.2082665, %
Optimum Velocity in Reach,2,99.98859, %
Acceptable Velocity in Reach,2,99.99708, %
Optimum Depth in Reach,2,2.066746, %
Acceptable Depth in Reach,2,17.19485, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.97692, %
Acceptable Velocity in Reach,3,99.99443, %
Optimum Depth in Reach,3,7.759717, %
Acceptable Depth in Reach,3,50.34317, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,3.01867, %
Optimum Velocity in Reach,4,99.97904, %
Acceptable Velocity in Reach,4,99.99496, %
Optimum Depth in Reach,4,8.30625, %
Acceptable Depth in Reach,4,51.45243, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,3.617734, %
Optimum Velocity in Reach,5,99.9862, %
Acceptable Velocity in Reach,5,99.99602, %
Optimum Depth in Reach,5,10.3592, %
Acceptable Depth in Reach,5,57.66301, %
Optimum Depth & Velocity in Reach,5,0.1313273, %
Acceptable Depth & Velocity in Reach,5,9.91534, %
Optimum Velocity in Reach,6,99.98965, %
Acceptable Velocity in Reach,6,99.99682, %
Optimum Depth in Reach,6,11.67911, %
Acceptable Depth in Reach,6,60.90613, %
Optimum Depth & Velocity in Reach,6,2.865853, %
Acceptable Depth & Velocity in Reach,6,11.52072, %
Optimum Velocity in Reach,7,99.93898, %
Acceptable Velocity in Reach,7,99.98992, %
Optimum Depth in Reach,7,7.246081, %
Acceptable Depth in Reach,7,47.11703, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.96179, %
Acceptable Velocity in Reach,8,99.99152, %
Optimum Depth in Reach,8,8.34525, %
Acceptable Depth in Reach,8,51.19905, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,1.188047, %
```

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Optimum Velocity in Reach,9,99.9427, %
Acceptable Velocity in Reach,9,99.98965, %
Optimum Depth in Reach,9,7.745124, %
Acceptable Depth in Reach,9,49.45333, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.94057, %
Acceptable Velocity in Reach,10,99.99018, %
Optimum Depth in Reach,10,7.745389, %
Acceptable Depth in Reach,10,49.28645, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.96996, %
Acceptable Velocity in Stream,99.994, %
Optimum Depth in Stream,7.248574, %
Acceptable Depth in Stream,44.51835, %
Optimum Depth & Velocity in Stream,0.299718, %
Acceptable Depth & Velocity in Stream,2.946877, %
```

Stream Health Run 23

Run Date,6/11/2002
Run Time,9:31:42 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityConventionalRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Fantail Darter.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8268,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,2.751135,Index,3
90-10 Range ,100.5911,Index,3
Number of Storms 3x Median,11484,Index,5
Number of High Flow Events,1320,Index,1
High Flow Duration (hrs) ,61800,Index,1
Number of Low Flow Events ,109,Index,3
Low Flow Duration (hrs) ,13864,Index,1
Overall Index,2.444444
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,1.326541E-06,0,2.785737E-05,0,4.377587E-05,0,3.316353E-05,0,2.785737E-05,0,1.459196E-05,0,5.969436E-05,0,5.43882E-05,0,7.786799E-04,0,1.489706E-03,
1,0.1000013,1,0.1000252,1,0.1000385,1,0.1000305,1,0.1000252,1,0.1000119,0.03,0.1000544,1,0.1000491,0.03,0.1007017,0.03,0.1013411,
1,0.1500013,1,0.1500226,1,0.1500358,1,0.1500279,1,0.1500226,1,0.1500119,1,0.1500517,1,0.1500464,1,0.1506619,1,0.1512668,
1,0.2000013,1,0.2000225,1,0.2000358,1,0.2000252,1,0.2000225,1,0.2000119,1,0.2000464,1,0.2000438,1,0.2006221,1,0.2011926,
1,0.2500013,1,0.2500199,1,0.2500332,1,0.2500252,1,0.2500199,1,0.2500093,1,0.2500438,1,0.2500411,1,0.2505823,1,0.2511183,
1,0.3000013,1,0.3000199,1,0.3000305,1,0.3000225,1,0.3000199,1,0.3000093,1,0.3000411,1,0.3000385,1,0.3005452,1,0.3010413,

1,0.3500013,1,0.3500172,1,0.3500279,1,0.3500199,1,0.3500172,1,0.3500093,1,0.3500385,1,0.3500358,1,0.3505054,1,0.350967,
1,0.4000013,1,0.4000172,1,0.4000252,1,0.4000199,1,0.4000172,1,0.4000093,1,0.4000358,1,0.4000332,1,0.4004656,1,0.4008928,
1,0.4500013,1,0.4500146,1,0.4500225,1,0.4500172,1,0.4500146,1,0.4500066,1,0.4500332,1,0.4500305,1,0.4504285,1,0.4508185,
1,0.4999987,1,0.5000146,1,0.5000199,1,0.5000146,1,0.5000146,1,0.5000066,1,0.5000305,1,0.5000252,1,0.5003887,1,0.5007442,
1,0.5499987,1,0.5500119,1,0.5500199,1,0.5500146,1,0.5500119,1,0.5500066,1,0.5500252,1,0.5500225,1,0.5503489,1,0.5506699,
1,0.5999987,1,0.6000093,1,0.6000172,1,0.6000119,1,0.6000093,1,0.600004,1,0.6000226,1,0.6000199,1,0.6003118,1,0.6005956,
1,0.6499987,1,0.6500093,1,0.6500146,1,0.650012,1,0.6500093,1,0.650004,1,0.6500199,1,0.6500173,1,0.650272,1,0.6505213,
1,0.6999987,1,0.7000066,1,0.700012,1,0.7000093,1,0.7000066,1,0.700004,1,0.7000173,1,0.7000146,1,0.7002321,1,0.700447,
1,0.7499987,1,0.7500066,1,0.7500093,1,0.7500066,1,0.7500066,1,0.750004,1,0.7500146,1,0.7500119,1,0.750195,1,0.7503701,
1,0.7999987,1,0.800004,1,0.8000066,1,0.8000066,1,0.800004,1,0.8000013,1,0.8000119,1,0.8000093,1,0.8001552,1,0.8002958,
1,0.8499987,1,0.850004,1,0.8500066,1,0.850004,1,0.850004,1,0.8500013,1,0.8500066,1,0.8500066,1,0.8501154,1,0.8502215,
1,0.8999987,1,0.9000013,1,0.900004,1,0.9000013,1,0.9000013,1,0.9000013,1,0.900004,1,0.900004,1,0.9000756,1,0.9001473,
1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9499987,1,0.9500013,1,0.9500013,1,0.9500385,1,0.9500729,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9130014,0,0.8288854,0,0.4704805,0,0.4608392,0,0.397664,0,0.3663682,0,0.5118685,0,0.4709474,0,0.4944935,0,0.5024501,
0.97,0.9217009,0.97,0.8459978,0.06,0.5234333,0.04,0.5147551,0.03,0.4578969,0.03,0.4297318,0.04,0.5606827,0.03,0.5238525,0.03,0.5450427
,0.03,0.552206,
0.97,0.926052,0.98,0.8545514,0.97,0.5499085,0.98,0.5417131,0.98,0.4880147,0.03,0.4614122,0.98,0.5850884,0.98,0.5503064,0.99,0.5703186,
0.99,0.5770813,
0.97,0.9304004,0.98,0.8631076,0.97,0.5763836,0.98,0.568671,0.98,0.5181298,0.98,0.4930953,0.98,0.609494,0.99,0.5767577,0.99,0.5955946,0
.99,0.6019593,
0.97,0.9347514,0.98,0.8716637,0.98,0.6028587,0.98,0.595629,0.98,0.5482476,0.99,0.5247758,0.98,0.6338997,0.99,0.6032089,0.99,0.6208705,
0.99,0.6268373,
0.97,0.9390998,0.98,0.8802199,0.98,0.6293365,0.98,0.622587,0.99,0.5783654,0.99,0.5564563,0.99,0.6583081,0.99,0.6296628,0.99,0.6461464,
0.99,0.6517152,
0.97,0.9434509,0.98,0.8887761,0.98,0.6558116,0.98,0.649545,0.99,0.6084806,0.99,0.5881394,0.99,0.6827139,0.99,0.6561167,0.99,0.6714197,
0.99,0.6765932,
0.98,0.9477993,0.98,0.8973297,0.98,0.6822867,0.98,0.6765029,0.99,0.6385984,0.99,0.6198199,0.99,0.7071195,0.99,0.6825679,0.99,0.6966956
,0.99,0.7014685,
0.98,0.9521503,0.98,0.9058859,0.98,0.7087644,0.98,0.7034609,0.99,0.6687135,0.99,0.651503,0.99,0.7315279,0.99,0.7090192,0.99,0.7219715,
0.99,0.7263464,
0.98,0.9564987,0.98,0.9144421,0.98,0.7352396,0.98,0.7304189,0.99,0.6988313,0.99,0.6831834,0.99,0.7559336,0.99,0.735473,0.99,0.7472448,
0.99,0.7512244,
0.98,0.9608498,0.98,0.9229982,0.98,0.7617147,0.99,0.7573769,0.99,0.7289491,0.99,0.7148639,0.99,0.7803393,0.99,0.7619269,0.99,0.7725207
,0.99,0.7761024,
0.98,0.9652008,0.98,0.9315544,0.98,0.7881925,0.99,0.7843349,0.99,0.7590643,0.99,0.746547,0.99,0.8047477,0.99,0.7883782,0.99,0.7977966,
0.99,0.8009803,
0.98,0.9695492,0.98,0.940108,0.98,0.8146676,0.99,0.8112928,0.99,0.7891821,0.99,0.7782274,0.99,0.8291534,0.99,0.8148294,0.99,0.8230726,
0.99,0.8258556,
0.98,0.9739003,0.98,0.9486642,0.99,0.8411427,0.99,0.8382508,0.99,0.8192972,0.99,0.8099106,0.99,0.8535591,0.99,0.8412833,0.99,0.8483484
,0.99,0.8507336,

0.98,0.9782487,0.98,0.9572204,0.99,0.8676205,0.99,0.8652088,0.99,0.849415,0.99,0.8415911,0.99,0.8779675,0.99,0.8677372,0.99,0.8736217,
0.99,0.8756115,
0.98,0.9825997,0.99,0.9657766,0.99,0.8940955,0.99,0.8921668,0.99,0.8795328,0.99,0.8732715,0.99,0.9023732,0.99,0.8941884,0.99,0.8988976
,0.99,0.9004895,
0.99,0.9869481,0.99,0.9743327,0.99,0.9205707,0.99,0.9191247,0.99,0.9096479,0.99,0.9049546,0.99,0.9267789,0.99,0.9206396,0.99,0.9241736
,0.99,0.9253675,
0.99,0.9912992,0.99,0.9828863,0.99,0.9470458,0.99,0.9460827,0.99,0.9397658,0.99,0.9366351,0.99,0.9511846,0.99,0.9470935,0.99,0.9494469
,0.99,0.9502428,
0.99,0.9956476,0.99,0.9914425,0.99,0.9735236,0.99,0.9730407,0.99,0.9698809,0.99,0.9683182,0.99,0.975593,0.99,0.9735475,0.99,0.9747227,
1,0.9751207,
0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9523785,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7159013,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9571407,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7443104,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.02,0.9729611,0.02,0.9595206,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.7585151,0.01,0.7242505,0.01,0.7447005,
0.01,0.7517259,
0.02,0.9745529,0.02,0.961903,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.01,0.7727197,0.01,0.7404688,0.01,0.7597196,0.
01,0.7663311,
0.02,0.9761422,0.02,0.9642829,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.01,0.7869243,0.02,0.7566897,0.01,0.774736,
0.01,0.7809336,
0.02,0.977734,0.02,0.9666653,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.01,0.8011315,0.98,0.7729107,0.01,0.7897525,
0.01,0.7955388,
0.02,0.9793232,0.02,0.9690452,0.96,0.7861947,0.97,0.780135,0.98,0.74036,0.02,0.7203956,0.02,0.8153362,0.98,0.7891316,0.02,0.8047715,0.
02,0.8101441,
0.02,0.9809151,0.02,0.9714276,0.96,0.8026412,0.97,0.7970484,0.98,0.7603324,0.98,0.7419015,0.03,0.8295407,0.98,0.8053526,0.98,0.819788,
0.02,0.8247466,
0.03,0.9825042,0.02,0.9738075,0.97,0.8190876,0.97,0.8139592,0.98,0.7803048,0.98,0.76341,0.98,0.8437454,0.98,0.8215736,0.98,0.8348071,0
.98,0.8393518,
0.05,0.9840961,0.02,0.9761899,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.85795,0.98,0.8377945,0.98,0.8498236,0.
98,0.8539571,
0.96,0.9856853,0.02,0.9785697,0.97,0.8519805,0.97,0.847786,0.98,0.8202497,0.98,0.8064271,0.98,0.8721546,0.98,0.8540128,0.98,0.86484,0.
98,0.8685597,
0.96,0.9872745,0.02,0.9809495,0.97,0.868427,0.98,0.8646967,0.98,0.8402221,0.98,0.8279356,0.98,0.8863592,0.98,0.8702337,0.98,0.8798591,
0.98,0.8831649,
0.96,0.9888663,0.02,0.983332,0.97,0.8848734,0.98,0.8816102,0.98,0.8601944,0.98,0.8494415,0.98,0.9005638,0.98,0.8864547,0.98,0.8948756,
0.98,0.8977674,
0.96,0.9904555,0.02,0.9857118,0.97,0.9013199,0.98,0.8985236,0.98,0.8801669,0.99,0.87095,0.98,0.9147684,0.99,0.9026756,0.99,0.9098946,0
.99,0.9123726,
0.96,0.9920474,0.02,0.9880943,0.98,0.9177664,0.98,0.9154343,0.98,0.9001366,0.99,0.8924586,0.98,0.9289756,0.99,0.9188966,0.99,0.9249111
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0.99,0.9415804,
0.96,0.9952284,0.04,0.9928566,0.98,0.9506593,0.98,0.9492611,0.98,0.9400815,0.99,0.9354757,0.99,0.9573849,0.99,0.9513358,0.99,0.9549467
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,0.99,0.9707909,
0.98,0.9984095,0.97,0.9976189,0.98,0.9835522,0.98,0.9830853,0.99,0.9800262,0.99,0.9784901,0.99,0.9857941,0.99,0.9837777,0.99,0.9849823
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0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,1.392869E-04,0,5.425555E-04,0,1.715218E-03,0,0.1631871,0,0.2125265,0,0.2308859,0,5.766476E-03,0,4.079115E-03,0,7.374244E-
03,0,8.249762E-03,
0.98,0.100126,0.02,0.1004868,0.03,0.1015428,0.03,0.246868,0.03,0.2912727,0.03,0.3077961,0.02,0.1051908,0.02,0.1036705,0.01,0.1066367,0
.01,0.1074247,
0.98,0.1501181,0.02,0.1504603,0.03,0.1514579,0.03,0.2887098,0.03,0.3306471,0.04,0.3462525,0.02,0.1549016,0.02,0.1534663,0.01,0.1562679
,0.01,0.1570134,
0.99,0.2001101,0.99,0.2004338,0.03,0.201373,0.03,0.3305489,0.04,0.3700215,0.98,0.384709,0.02,0.2046124,0.02,0.203262,0.01,0.2058991,0.
01,0.2065995,
0.99,0.2501048,0.99,0.2504072,0.98,0.2512854,0.04,0.3723907,0.98,0.4093959,0.99,0.4231654,0.02,0.2543232,0.03,0.2530603,0.02,0.2555304
,0.02,0.2561857,
0.99,0.3000968,0.99,0.3003807,0.98,0.3012005,0.98,0.4142298,0.99,0.4487676,0.99,0.4616192,0.02,0.3040367,0.99,0.3028561,0.02,0.3051616
,0.02,0.3057744,
0.99,0.3500889,0.99,0.3503515,0.98,0.3511156,0.99,0.4560716,0.99,0.488142,0.99,0.5000756,0.99,0.3537475,0.99,0.3526517,0.99,0.3547928,
0.99,0.3553632,
0.99,0.4000836,0.99,0.400325,0.99,0.4010281,0.99,0.4979107,0.99,0.5275164,0.99,0.5385321,0.99,0.4034583,0.99,0.4024475,0.99,0.404424,0
.99,0.4049493,
0.99,0.4500756,0.99,0.4502985,0.99,0.4509432,0.99,0.5397525,0.99,0.5668882,0.99,0.5769858,0.99,0.4531718,0.99,0.4522432,0.99,0.4540552
,0.99,0.4545355,
0.99,0.5000677,0.99,0.5002693,0.99,0.5008582,0.99,0.5815916,0.99,0.6062626,0.99,0.6154423,0.99,0.5028826,0.99,0.5020389,0.99,0.5036865
,1,0.5041242,
0.99,0.5500624,0.99,0.5502428,0.99,0.5507707,0.99,0.6234334,0.99,0.645637,0.99,0.6538987,0.99,0.5525934,0.99,0.5518346,0.99,0.5533177,
1,0.553713,
0.99,0.6000544,0.99,0.6002162,0.99,0.6006858,0.99,0.6652751,0.99,0.6850088,0.99,0.6923525,0.99,0.6023068,0.99,0.6016303,1,0.6029489,1,
0.6032991,
0.99,0.6500491,0.99,0.6501897,0.99,0.6505983,0.99,0.7071142,0.99,0.7243832,0.99,0.7308089,0.99,0.6520177,0.99,0.651426,1,0.6525801,1,0
.6528852,
0.99,0.7000411,0.99,0.7001632,0.99,0.7005134,0.99,0.748956,0.99,0.7637576,0.99,0.7692654,1,0.7017285,1,0.7012218,1,0.7022113,1,0.70247
4,
0.99,0.7500331,0.99,0.750134,0.99,0.7504285,0.99,0.7907951,0.99,0.8031293,0.99,0.8077192,1,0.751442,1,0.7510175,1,0.7518426,1,0.752062
8,
1,0.8000278,1,0.8001075,0.99,0.800341,0.99,0.8326369,0.99,0.8425037,0.99,0.8461756,1,0.8011528,1,0.8008158,1,0.8014738,1,0.8016489,

1,0.8500199,1,0.8500809,0.99,0.850256,0.99,0.874476,0.99,0.8818781,0.99,0.884632,1,0.8508636,1,0.8506115,1,0.851105,1,0.851235,
1,0.900012,1,0.9000517,0.99,0.9001711,0.99,0.9163178,0.99,0.9212525,0.99,0.9230884,1,0.9005744,1,0.9004073,1,0.9007362,1,0.9008238,
1,0.9500066,1,0.9500252,0.99,0.9500836,0.99,0.9581569,0.99,0.9606243,0.99,0.9615422,1,0.9502879,1,0.9502029,1,0.9503675,1,0.9504126,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9681908,0,0.9322283,0,0.6710694,0,0.6617465,0,0.6005558,0,0.5698384,0,0.7153707,0,0.6755877,0,0.6996484,0,0.7079128,
0.02,0.9713719,0.02,0.9390043,0.02,0.7039624,0.02,0.6955707,0.01,0.6405007,0.01,0.6128555,0.01,0.7438329,0.01,0.7080296,0.01,0.729684,
0.01,0.7371206,
0.04,0.9729611,0.02,0.9423949,0.02,0.7204089,0.02,0.7124841,0.01,0.660473,0.01,0.6343614,0.01,0.758064,0.01,0.7242505,0.01,0.7447005,0
.01,0.7517259,
0.96,0.9745529,0.04,0.9457829,0.02,0.7368553,0.02,0.7293975,0.02,0.6804454,0.01,0.65587,0.02,0.7722952,0.01,0.7404688,0.01,0.7597196,0
.01,0.7663311,
0.96,0.9761422,0.97,0.9491709,0.04,0.7533017,0.03,0.7463109,0.03,0.7004179,0.01,0.6773785,0.03,0.7865263,0.02,0.7566897,0.02,0.774736,
0.02,0.7809336,
0.96,0.977734,0.97,0.9525589,0.96,0.7697482,0.97,0.7632216,0.03,0.7203876,0.02,0.6988871,0.98,0.8007601,0.98,0.7729107,0.98,0.7897525,
0.98,0.7955388,
0.96,0.9793232,0.97,0.9559469,0.96,0.7861947,0.97,0.780135,0.98,0.74036,0.02,0.7203956,0.98,0.8149912,0.98,0.7891316,0.98,0.8047715,0.
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0.96,0.9809151,0.97,0.9593375,0.96,0.8026412,0.97,0.7970484,0.98,0.7603324,0.98,0.7419015,0.98,0.8292224,0.98,0.8053526,0.98,0.819788,
0.98,0.8247466,
0.96,0.9825042,0.97,0.9627255,0.97,0.8190876,0.97,0.8139592,0.98,0.7803048,0.98,0.76341,0.98,0.8434535,0.98,0.8215736,0.98,0.8348071,0
.98,0.8393518,
0.96,0.9840961,0.97,0.9661135,0.97,0.835534,0.97,0.8308726,0.98,0.8002772,0.98,0.7849185,0.98,0.8576847,0.98,0.8377945,0.98,0.8498236,
0.98,0.8539571,
0.96,0.9856853,0.97,0.9695015,0.97,0.8519805,0.97,0.847786,0.98,0.8202497,0.98,0.8064271,0.98,0.8719158,0.98,0.8540128,0.98,0.86484,0.
98,0.8685597,
0.97,0.9872745,0.97,0.9728895,0.97,0.868427,0.98,0.8646967,0.98,0.8402221,0.98,0.8279356,0.98,0.8861469,0.98,0.8702337,0.99,0.8798591,
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.99,0.9123726,
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0.99,0.9269779,
0.97,0.9936366,0.98,0.9864441,0.98,0.9342128,0.98,0.9323477,0.98,0.920109,0.99,0.9139671,0.98,0.9430741,0.99,0.9351175,0.99,0.9399276,
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0.98,0.9984095,0.98,0.9966107,0.98,0.9835522,0.98,0.9830853,0.99,0.9800262,0.99,0.9784901,0.99,0.9857675,0.99,0.9837777,0.99,0.9849823
,0.99,0.9853935,

0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,3.051045E-05,0,5.054123E-04,0,0.3636355,0,0.5571381,0,0.5575175,0,0
0.57,0.1000279,0.04,0.100455,0.13,0.4272724,0.04,0.6014234,0.01,0.6017656,0,9.999868E-02
1,0.1500252,0.16,0.1504285,0.24,0.4590908,0.05,0.623566,0.02,0.6238897,0,0.1499987
1,0.2000252,0.29,0.2004046,0.24,0.4909092,0.13,0.6457113,0.03,0.6460137,0,0.1999987
1,0.2500226,0.36,0.2503781,0.37,0.522725,0.13,0.6678539,0.13,0.6681378,0,0.2499987
1,0.3000199,0.56,0.3003542,0.52,0.5545434,0.23,0.6899965,0.14,0.6902618,0,0.2999987
1,0.3500199,0.66,0.3503277,0.76,0.5863618,0.23,0.7121392,0.23,0.7123859,0,0.3499987
1,0.4000172,0.66,0.4003038,0.85,0.6181803,0.23,0.7342818,0.23,0.73451,0,0.3999987
1,0.4500172,0.68,0.4502772,0.95,0.6499987,0.37,0.7564244,0.24,0.7566341,0,0.4499987
1,0.5000146,0.76,0.5002534,0.95,0.6818171,0.51,0.7785671,0.3,0.7787581,0,0.4999987
1,0.5500119,0.99,0.5502269,0.95,0.7136355,0.64,0.8007123,0.51,0.8008822,0,0.5499987

1,0.6000119,0.99,0.6002003,0.95,0.745454,0.72,0.822855,0.66,0.8230062,0,0.5999987
1,0.6500093,0.99,0.6501764,0.95,0.7772723,0.72,0.8449976,0.72,0.8451303,0,0.6499987
1,0.7000093,0.99,0.7001499,0.95,0.8090908,0.82,0.8671402,0.82,0.8672543,0,0.6999987
1,0.7500066,0.99,0.750126,0.95,0.8409092,0.94,0.8892829,0.94,0.8893784,0,0.7499987
1,0.800004,0.99,0.8000995,0.95,0.872725,0.94,0.9114255,0.94,0.9115024,0,0.7999987
1,0.850004,0.99,0.8500756,0.95,0.9045434,0.94,0.9335708,0.94,0.9336265,0,0.8499987
1,0.9000013,0.99,0.9000491,0.97,0.9363618,0.94,0.9557134,0.94,0.9557506,0,0.8999987
1,0.9500013,0.99,0.9500252,0.98,0.9681802,0.94,0.977856,0.94,0.9778746,0,0.9499987
1,0.9999987,1,0.9999987,0.99,0.9999987,0.95,0.9999987,0.95,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,6.632707E-06,0,5.173511E-05,0,8.622519E-05,0,5.43882E-05,0,4.908203E-05,0,3.84697E-05,0,1.366338E-04,0,1.074499E-04,0,2.391754E-
03,0,4.792794E-03,
1,0.1000066,1,0.1000464,0.07,0.1000783,0.06,0.1000491,1,0.1000438,1,0.1000358,0.03,0.1001234,0.03,0.1000968,0.03,0.102153,0.02,0.10431
26,
1,0.1500066,1,0.1500438,1,0.150073,1,0.1500464,1,0.1500411,1,0.1500332,1,0.1501154,1,0.1500915,1,0.1520336,0.03,0.1540738,
1,0.200004,1,0.2000411,1,0.2000677,1,0.2000438,1,0.2000385,1,0.2000305,1,0.2001101,1,0.2000862,1,0.2019142,1,0.203835,
1,0.250004,1,0.2500385,1,0.250065,1,0.2500411,1,0.2500358,1,0.2500279,1,0.2501021,1,0.2500809,1,0.2517922,1,0.2535936,
1,0.300004,1,0.3000358,1,0.3000597,1,0.3000385,1,0.3000332,1,0.3000252,1,0.3000942,1,0.3000756,1,0.3016728,1,0.3033548,
1,0.350004,1,0.3500332,1,0.3500544,1,0.3500358,1,0.3500305,1,0.3500252,1,0.3500889,1,0.3500703,1,0.3515534,1,0.353116,
1,0.400004,1,0.4000305,1,0.4000517,1,0.4000332,1,0.4000279,1,0.4000225,1,0.4000809,1,0.400065,1,0.401434,1,0.4028746,
1,0.450004,1,0.4500279,1,0.4500464,1,0.4500305,1,0.4500252,1,0.4500199,1,0.4500756,1,0.4500597,1,0.4513146,1,0.4526358,
1,0.500004,1,0.5000252,1,0.5000411,1,0.5000252,1,0.5000252,1,0.5000199,1,0.5000677,1,0.5000517,1,0.5011952,1,0.5023971,
1,0.5500013,1,0.5500225,1,0.5500385,1,0.5500225,1,0.5500225,1,0.5500172,1,0.5500597,1,0.5500464,1,0.5510758,1,0.5521556,
1,0.6000013,1,0.6000199,1,0.6000332,1,0.6000199,1,0.6000199,1,0.6000146,1,0.6000544,1,0.6000412,1,0.6009564,1,0.6019168,
1,0.6500013,1,0.6500173,1,0.6500305,1,0.6500173,1,0.6500173,1,0.650012,1,0.6500464,1,0.6500358,1,0.6508371,1,0.6516754,
1,0.7000013,1,0.7000146,1,0.7000252,1,0.7000146,1,0.7000146,1,0.7000093,1,0.7000411,1,0.7000305,1,0.7007177,1,0.7014366,
1,0.7500013,1,0.7500119,1,0.7500199,1,0.7500119,1,0.7500119,1,0.7500093,1,0.7500331,1,0.7500252,1,0.7505983,1,0.7511979,
1,0.8000013,1,0.8000093,1,0.8000172,1,0.8000093,1,0.8000093,1,0.8000066,1,0.8000252,1,0.8000199,1,0.8004763,1,0.8009564,
1,0.8499987,1,0.8500066,1,0.8500119,1,0.8500066,1,0.8500066,1,0.850004,1,0.8500199,1,0.8500146,1,0.8503568,1,0.8507177,
1,0.8999987,1,0.900004,1,0.9000067,1,0.900004,1,0.900004,1,0.900004,1,0.900012,1,0.9000093,1,0.9002374,1,0.9004789,
1,0.9499987,1,0.9500013,1,0.950004,1,0.9500013,1,0.9500013,1,0.9500013,1,0.9500066,1,0.950004,1,0.9501181,1,0.9502375,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.8946819,0,0.8287581,0,0.499943,0,0.4892404,0,0.4282885,0,0.3966876,0,0.5316234,0,0.491278,0,0.508401,0,0.5100114,

0.05,0.9052146,0.04,0.8458811,0.04,0.5499483,0.03,0.5403149,0.03,0.4854598,0.02,0.4570187,0.03,0.5784609,0.02,0.5421509,0.02,0.55756,0
.02,0.5590112,
0.97,0.9104784,0.97,0.8544452,0.06,0.5749509,0.04,0.5658535,0.03,0.5140441,0.03,0.4871843,0.04,0.6018797,0.03,0.5675859,0.03,0.5821407
,0.02,0.5835097,
0.97,0.9157447,0.97,0.8630067,0.97,0.5999536,0.98,0.5913921,0.98,0.5426311,0.04,0.5173498,0.98,0.6252985,0.98,0.5930211,0.99,0.6067216
,0.99,0.6080083,
0.97,0.9210111,0.98,0.8715683,0.97,0.6249563,0.98,0.6169307,0.98,0.5712154,0.98,0.5475154,0.98,0.6487172,0.98,0.6184588,0.99,0.6312997
,0.99,0.6325095,
0.97,0.9262775,0.98,0.8801298,0.98,0.6499588,0.98,0.6424692,0.98,0.5998024,0.99,0.5776809,0.98,0.672136,0.99,0.643894,0.99,0.6558806,0
.99,0.6570081,
0.97,0.9315438,0.98,0.8886912,0.98,0.6749615,0.98,0.6680052,0.99,0.6283867,0.99,0.6078465,0.99,0.6955547,0.99,0.669329,0.99,0.6804613,
0.99,0.6815067,
0.98,0.9368076,0.98,0.8972554,0.98,0.6999642,0.98,0.6935437,0.99,0.6569736,0.99,0.6380121,0.99,0.7189735,0.99,0.6947668,0.99,0.7050395
,0.99,0.7060053,
0.98,0.9420739,0.98,0.9058169,0.98,0.7249668,0.98,0.7190823,0.99,0.685558,0.99,0.6681776,0.99,0.7423923,0.99,0.7202019,0.99,0.7296203,
0.99,0.7305065,
0.98,0.9473403,0.98,0.9143784,0.98,0.7499722,0.98,0.7446182,0.99,0.7141449,0.99,0.6983432,0.99,0.765811,0.99,0.745637,0.99,0.7542012,0
.99,0.7550051,
0.98,0.9526067,0.98,0.9229399,0.98,0.7749748,0.98,0.7701568,0.99,0.7427292,0.99,0.7285087,0.99,0.7892298,0.99,0.7710748,0.99,0.7787793
,0.99,0.7795036,
0.98,0.957873,0.98,0.9315014,0.98,0.7999774,0.99,0.7956954,0.99,0.7713135,0.99,0.7586743,0.99,0.8126486,0.99,0.7965099,0.99,0.8033601,
0.99,0.8040048,
0.98,0.9631367,0.98,0.9400655,0.98,0.8249801,0.99,0.8212339,0.99,0.7999005,0.99,0.7888398,0.99,0.8360673,0.99,0.8219476,0.99,0.8279383
,0.99,0.8285034,
0.98,0.9684031,0.98,0.9486271,0.98,0.8499827,0.99,0.8467726,0.99,0.8284848,0.99,0.8190054,0.99,0.8594861,0.99,0.8473827,0.99,0.8525191
,0.99,0.853002,
0.98,0.9736695,0.99,0.9571885,0.99,0.8749854,0.99,0.8723084,0.99,0.8570718,0.99,0.8491709,0.99,0.8829049,0.99,0.8728178,0.99,0.8770999
,0.99,0.8775005,
0.99,0.9789358,0.99,0.96575,0.99,0.8999881,0.99,0.897847,0.99,0.8856561,0.99,0.8793365,0.99,0.9063236,0.99,0.8982556,0.99,0.9016781,0.
99,0.9020017,
0.99,0.9842022,0.99,0.9743115,0.99,0.9249907,0.99,0.9233856,0.99,0.9142431,0.99,0.909502,0.99,0.9297424,0.99,0.9236907,0.99,0.9262589,
0.99,0.9265003,
0.99,0.989466,0.99,0.9828757,0.99,0.9499934,0.99,0.9489215,0.99,0.9428274,0.99,0.9396676,0.99,0.9531611,0.99,0.9491258,0.99,0.9508397,
0.99,0.9509989,
0.99,0.9947323,0.99,0.9914372,0.99,0.974996,0.99,0.9744601,0.99,0.9714144,0.99,0.9698331,0.99,0.9765799,0.99,0.9745635,0.99,0.9754179,
1,0.9755001,
0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9470484,0,0.9339979,0,0.7039173,0,0.6948225,0,0.6363645,0,0.6033204,0,0.7315969,0,0.6962976,0,0.7122586,0,0.7142404,
0.02,0.952344,0.02,0.9405988,0.02,0.7335257,0.02,0.7253409,0.01,0.6727276,0.01,0.6429892,0.01,0.7584381,0.01,0.7266675,0.01,0.7410312,
0.01,0.7428168,

0.02,0.9549918,0.02,0.9438992,0.02,0.7483299,0.02,0.7405988,0.01,0.6909092,0.01,0.662821,0.01,0.7718574,0.01,0.7418537,0.01,0.7554189,
0.01,0.7571036,
0.02,0.9576396,0.02,0.947197,0.02,0.7631341,0.02,0.7558567,0.01,0.7090908,0.01,0.6826555,0.01,0.7852767,0.01,0.7570373,0.01,0.7698066,
0.01,0.7713931,
0.02,0.9602873,0.02,0.9504974,0.02,0.7779383,0.02,0.7711172,0.02,0.7272724,0.01,0.7024899,0.01,0.7986987,0.01,0.7722235,0.01,0.7841942
,0.01,0.78568,
0.02,0.9629325,0.02,0.9537979,0.04,0.7927425,0.03,0.7863751,0.03,0.745454,0.01,0.7223244,0.01,0.8121179,0.02,0.7874072,0.01,0.7985819,
0.01,0.7999668,
0.02,0.9655802,0.02,0.9570983,0.04,0.8075467,0.04,0.801633,0.03,0.7636355,0.02,0.7421588,0.01,0.8255373,0.02,0.8025934,0.01,0.8129669,
0.01,0.8142564,
0.02,0.968228,0.02,0.9603987,0.96,0.8223509,0.97,0.8168935,0.98,0.7818171,0.98,0.7619906,0.02,0.8389565,0.98,0.817777,0.02,0.8273546,0
.01,0.8285432,
0.02,0.9708758,0.02,0.9636992,0.96,0.8371551,0.97,0.8321514,0.98,0.7999987,0.98,0.7818251,0.03,0.8523785,0.98,0.8329632,0.02,0.8417423
,0.02,0.8428327,
0.02,0.9735236,0.02,0.9669997,0.97,0.8519567,0.97,0.8474092,0.98,0.8181829,0.98,0.8016595,0.98,0.8657978,0.98,0.8481468,0.98,0.8561273
,0.98,0.8571196,
0.03,0.9761713,0.02,0.9702974,0.97,0.8667608,0.97,0.8626698,0.98,0.8363645,0.98,0.8214939,0.98,0.8792171,0.98,0.863333,0.98,0.870515,0
.98,0.8714064,
0.04,0.9788191,0.02,0.9735978,0.97,0.881565,0.97,0.8779277,0.98,0.8545461,0.98,0.8413284,0.98,0.892639,0.98,0.8785193,0.98,0.8849027,0
.98,0.8856959,
0.96,0.9814669,0.02,0.9768983,0.97,0.8963693,0.98,0.8931882,0.98,0.8727276,0.98,0.8611602,0.98,0.9060583,0.98,0.8937029,0.98,0.8992903
,0.98,0.8999828,
0.96,0.9841146,0.02,0.9801987,0.97,0.9111735,0.98,0.9084461,0.98,0.8909092,0.98,0.8809946,0.98,0.9194776,0.98,0.9088892,0.98,0.913678,
0.98,0.9142722,
0.96,0.9867598,0.02,0.9834992,0.98,0.9259776,0.98,0.923704,0.98,0.9090908,0.99,0.9008291,0.98,0.9328969,0.99,0.9240727,0.99,0.928063,0
.99,0.9285591,
0.96,0.9894075,0.02,0.9867996,0.98,0.9407819,0.98,0.9389645,0.98,0.9272724,0.99,0.9206635,0.98,0.9463189,0.99,0.939259,0.99,0.9424506,
0.99,0.9428459,
0.96,0.9920554,0.02,0.9900973,0.98,0.9555861,0.98,0.9542224,0.98,0.9454539,0.99,0.940498,0.98,0.9597381,0.99,0.9544426,0.99,0.9568383,
0.99,0.9571354,
0.96,0.9947031,0.04,0.9933978,0.98,0.9703903,0.98,0.9694803,0.98,0.9636355,0.99,0.9603298,0.99,0.9731574,0.99,0.9696288,0.99,0.9712234
,0.99,0.9714223,
0.98,0.9973509,0.97,0.9966983,0.98,0.9851944,0.98,0.9847408,0.99,0.9818171,0.99,0.9801642,0.99,0.9865794,0.99,0.9848124,0.99,0.985611,
0.99,0.9857118,
0.98,0.9999987,0.97,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,7.574552E-04,0,2.097262E-03,0,4.654834E-03,0,0.1844728,0,0.23958,0,0.2567428,0,1.350552E-02,0,1.008039E-02,0,1.755147E-
02,0,2.040619E-02,
0.98,0.1006805,0.02,0.1018877,0.03,0.1041905,0.03,0.266026,0.03,0.3156227,0.02,0.3310689,0.01,0.1121551,0.02,0.1090722,0.01,0.1157951,
0.01,0.118366,

0.98,0.1506434,0.02,0.1517815,0.03,0.1539571,0.03,0.3068012,0.03,0.353644,0.03,0.3682307,0.02,0.1614786,0.02,0.1585681,0.01,0.1649196,
0.01,0.1673445,
0.99,0.2006062,0.99,0.2016781,0.04,0.2037236,0.03,0.3475791,0.04,0.3916627,0.04,0.405395,0.02,0.2108047,0.02,0.208064,0.01,0.2140414,0
.01,0.2163257,
0.99,0.2505664,0.99,0.251572,0.98,0.2534901,0.04,0.3883543,0.98,0.429684,0.98,0.4425568,0.02,0.2601281,0.03,0.25756,0.02,0.2631633,0.0
2,0.2653043,
0.99,0.3005293,0.99,0.3014685,0.98,0.3032567,0.98,0.4291295,0.99,0.4677053,0.99,0.4797185,0.99,0.3094543,0.99,0.3070559,0.99,0.3122851
,0.99,0.3142829,
0.99,0.3504921,0.99,0.3513623,0.98,0.3530259,0.99,0.4699074,0.99,0.5057267,0.99,0.5168829,0.99,0.3587777,0.99,0.3565518,0.99,0.3614069
,0.99,0.3632641,
0.99,0.400455,0.99,0.4012589,0.99,0.4027924,0.99,0.5106826,0.99,0.543748,0.99,0.5540446,0.99,0.4081039,0.99,0.4060477,0.99,0.4105314,0
.99,0.4122427,
0.99,0.4504152,0.99,0.4511528,0.99,0.4525589,0.99,0.5514605,0.99,0.5817693,0.99,0.591209,0.99,0.4574273,0.99,0.4555436,0.99,0.4596532,
0.99,0.4612239,
0.99,0.5003781,0.99,0.5010493,0.99,0.5023281,0.99,0.5922357,0.99,0.6197907,0.99,0.6283708,0.99,0.5067534,0.99,0.5050395,0.99,0.5087751
,1,0.5102024,
0.99,0.550341,0.99,0.5509432,0.99,0.5520946,0.99,0.633011,0.99,0.6578094,0.99,0.6655325,0.99,0.5560769,0.99,0.5545354,0.99,0.5578969,1
,0.559181,
0.99,0.6003011,0.99,0.6008371,0.99,0.6018611,0.99,0.6737888,0.99,0.6958307,0.99,0.7026969,0.99,0.6054003,0.99,0.6040314,1,0.6070187,1,
0.6081622,
0.99,0.650264,0.99,0.6507336,0.99,0.6516277,0.99,0.7145641,0.99,0.733852,0.99,0.7398586,0.99,0.6547264,0.99,0.6535273,1,0.6561432,1,0.
6571408,
0.99,0.7002268,0.99,0.7006274,0.99,0.7013942,0.99,0.755342,0.99,0.7718734,0.99,0.777023,1,0.7040499,1,0.7030232,1,0.705265,1,0.706122,
0.99,0.7501897,0.99,0.750524,0.99,0.7511634,0.99,0.7961172,0.99,0.8098947,0.99,0.8141847,1,0.7533761,1,0.7525191,1,0.7543869,1,0.75510
05,
1,0.8001499,1,0.8004178,0.99,0.8009299,0.99,0.8368924,0.99,0.847916,0.99,0.8513464,1,0.8026995,1,0.802015,1,0.8035087,1,0.8040791,
1,0.8501127,1,0.8503144,0.99,0.8506964,0.99,0.8776703,0.99,0.8859347,0.99,0.8885108,1,0.8520256,1,0.8515109,1,0.8526306,1,0.8530603,
1,0.9000756,1,0.9002083,0.99,0.9004656,0.99,0.9184456,0.99,0.923956,0.99,0.9256725,1,0.9013491,1,0.9010068,1,0.901755,1,0.9020389,
1,0.9500358,1,0.9501048,0.99,0.9502321,0.99,0.9592234,0.99,0.9619774,0.99,0.9628369,1,0.9506752,1,0.9505028,1,0.9508768,1,0.9510201,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,0.99,0.9999987,0.99,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9470484,0,0.9148268,0,0.7039173,0,0.6948225,0,0.6363645,0,0.6033204,0,0.7307532,0,0.6962976,0,0.7122586,0,0.7142404,
0.02,0.952344,0.02,0.9233431,0.02,0.7335257,0.02,0.7253409,0.01,0.6727276,0.01,0.6429892,0.01,0.7576767,0.01,0.7266675,0.01,0.7410312,
0.01,0.7428168,
0.02,0.9549918,0.02,0.9276013,0.02,0.7483299,0.02,0.7405988,0.01,0.6909092,0.01,0.662821,0.01,0.7711411,0.01,0.7418537,0.01,0.7554189,
0.01,0.7571036,
0.02,0.9576396,0.02,0.9318622,0.02,0.7631341,0.02,0.7558567,0.01,0.7090908,0.01,0.6826555,0.01,0.7846028,0.01,0.7570373,0.01,0.7698066
,0.01,0.7713931,
0.03,0.9602873,0.02,0.9361204,0.02,0.7779383,0.02,0.7711172,0.02,0.7272724,0.01,0.7024899,0.02,0.7980646,0.01,0.7722235,0.01,0.7841942
,0.01,0.78568,
0.04,0.9629325,0.04,0.9403786,0.04,0.7927425,0.03,0.7863751,0.03,0.745454,0.01,0.7223244,0.03,0.8115263,0.02,0.7874072,0.02,0.7985819,
0.02,0.7999668,

0.96,0.9655802,0.96,0.9446368,0.04,0.8075467,0.04,0.801633,0.03,0.7636355,0.02,0.7421588,0.03,0.8249881,0.02,0.8025934,0.02,0.8129669,
0.02,0.8142564,
0.96,0.968228,0.97,0.948895,0.96,0.8223509,0.97,0.8168935,0.98,0.7818171,0.98,0.7619906,0.98,0.8384525,0.98,0.817777,0.98,0.8273546,0.
98,0.8285432,
0.96,0.9708758,0.97,0.9531532,0.96,0.8371551,0.97,0.8321514,0.98,0.7999987,0.98,0.7818251,0.98,0.8519142,0.98,0.8329632,0.98,0.8417423
,0.98,0.8428327,
0.96,0.9735236,0.97,0.9574114,0.97,0.8519567,0.97,0.8474092,0.98,0.8181829,0.98,0.8016595,0.98,0.8653759,0.98,0.8481468,0.98,0.8561273
,0.98,0.8571196,
0.96,0.9761713,0.97,0.9616722,0.97,0.8667608,0.97,0.8626698,0.98,0.8363645,0.98,0.8214939,0.98,0.8788377,0.98,0.863333,0.98,0.870515,0
.98,0.8714064,
0.96,0.9788191,0.97,0.9659305,0.97,0.881565,0.97,0.8779277,0.98,0.8545461,0.98,0.8413284,0.98,0.8922994,0.98,0.8785193,0.98,0.8849027,
0.98,0.8856959,
0.97,0.9814669,0.97,0.9701886,0.97,0.8963693,0.98,0.8931882,0.98,0.8727276,0.98,0.8611602,0.98,0.9057638,0.98,0.8937029,0.99,0.8992903
,0.99,0.8999828,
0.97,0.9841146,0.98,0.9744468,0.97,0.9111735,0.98,0.9084461,0.98,0.8909092,0.98,0.8809946,0.98,0.9192256,0.98,0.9088892,0.99,0.913678,
0.99,0.9142722,
0.97,0.9867598,0.98,0.978705,0.98,0.9259776,0.98,0.923704,0.98,0.9090908,0.99,0.9008291,0.98,0.9326873,0.99,0.9240727,0.99,0.928063,0.
99,0.9285591,
0.97,0.9894075,0.98,0.9829632,0.98,0.9407819,0.98,0.9389645,0.98,0.9272724,0.99,0.9206635,0.98,0.9461491,0.99,0.939259,0.99,0.9424506,
0.99,0.9428459,
0.97,0.9920554,0.98,0.9872241,0.98,0.9555861,0.98,0.9542224,0.98,0.9454539,0.99,0.940498,0.98,0.9596108,0.99,0.9544426,0.99,0.9568383,
0.99,0.9571354,
0.98,0.9947031,0.98,0.9914823,0.98,0.9703903,0.98,0.9694803,0.98,0.9636355,0.99,0.9603298,0.99,0.9730752,0.99,0.9696288,0.99,0.9712234
,0.99,0.9714223,
0.98,0.9973509,0.98,0.9957405,0.98,0.9851944,0.98,0.9847408,0.99,0.9818171,0.99,0.9801642,0.99,0.9865369,0.99,0.9848124,0.99,0.985611,
0.99,0.9857118,
0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.98,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987,0.99,0.9999987
,0.99,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,5.43882E-05,0,1.370317E-03,0,0.3858259,0,0.5767869,0,0.5779356,0,0
0.3,0.1000491,0.04,0.1012324,0.07,0.4472421,0.03,0.6191089,0.01,0.6201409,0,9.999868E-02
0.63,0.1500464,0.06,0.1511634,0.13,0.4779516,0.04,0.6402698,0.02,0.6412461,0,0.1499987
1,0.2000438,0.27,0.2010971,0.24,0.508661,0.05,0.6614282,0.02,0.6623487,0,0.1999987
1,0.2500411,0.38,0.2510281,0.24,0.5393704,0.13,0.6825892,0.06,0.6834514,0,0.2499987
1,0.3000385,0.58,0.3009591,0.38,0.5700772,0.13,0.7037501,0.13,0.704554,0,0.2999987
1,0.3500358,0.66,0.3508901,0.54,0.6007866,0.23,0.7249111,0.14,0.7256566,0,0.3499987
1,0.4000332,0.66,0.4008211,0.76,0.6314961,0.23,0.7460721,0.23,0.7467619,0,0.3999987
1,0.4500305,0.68,0.4507521,0.85,0.6622028,0.23,0.7672331,0.23,0.7678645,0,0.4499987
1,0.5000252,0.74,0.5006832,0.94,0.6929123,0.37,0.7883941,0.26,0.7889671,0,0.4999987
1,0.5500225,0.82,0.5506169,0.95,0.7236217,0.46,0.8095524,0.37,0.8100698,0,0.5499987
1,0.6000199,0.99,0.6005479,0.95,0.7543285,0.54,0.8307134,0.46,0.8311724,0,0.5999987
1,0.6500173,0.99,0.6504789,0.95,0.7850379,0.7,0.8518744,0.52,0.8522777,0,0.6499987
1,0.7000146,0.99,0.7004099,0.95,0.8157474,0.72,0.8730354,0.72,0.8733803,0,0.6999987
1,0.7500119,0.99,0.7503409,0.95,0.8464541,0.82,0.8941964,0.82,0.8944829,0,0.7499987
1,0.8000093,0.99,0.8002719,0.95,0.8771636,0.94,0.9153574,0.94,0.9155855,0,0.7999987
1,0.8500066,0.99,0.8502056,0.95,0.907873,0.94,0.9365157,0.94,0.9366882,0,0.8499987
1,0.900004,0.99,0.9001366,0.96,0.9385825,0.94,0.9576767,0.94,0.9577934,0,0.8999987
1,0.9500013,0.99,0.9500676,0.98,0.9692892,0.94,0.9788377,0.94,0.9788961,0,0.9499987
1,0.9999987,0.99,0.9999987,0.99,0.9999987,0.96,0.9999987,0.96,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.98567, %
Acceptable Velocity in Reach,1,99.99947, %
Optimum Depth in Reach,1,3.180773, %
Acceptable Depth in Reach,1,8.699701, %
Optimum Depth & Velocity in Reach,1,1.566641, %
Acceptable Depth & Velocity in Reach,1,3.180773, %

Optimum Velocity in Reach,2,99.94535, %
Acceptable Velocity in Reach,2,99.99682, %
Optimum Depth in Reach,2,6.777017, %
Acceptable Depth in Reach,2,17.11128, %
Optimum Depth & Velocity in Reach,2,1.308232, %
Acceptable Depth & Velocity in Reach,2,4.762006, %
Optimum Velocity in Reach,3,99.82808, %
Acceptable Velocity in Reach,3,99.99522, %
Optimum Depth in Reach,3,32.89283, %
Acceptable Depth in Reach,3,52.95168, %
Optimum Depth & Velocity in Reach,3,32.02581, %
Acceptable Depth & Velocity in Reach,3,32.89283, %
Optimum Velocity in Reach,4,83.68093, %
Acceptable Velocity in Reach,4,99.99628, %
Optimum Depth in Reach,4,33.82513, %
Acceptable Depth in Reach,4,53.91581, %
Optimum Depth & Velocity in Reach,4,33.26161, %
Acceptable Depth & Velocity in Reach,4,33.82513, %
Optimum Velocity in Reach,5,78.747, %
Acceptable Velocity in Reach,5,99.99682, %
Optimum Depth in Reach,5,39.94418, %
Acceptable Depth in Reach,5,60.23331, %
Optimum Depth & Velocity in Reach,5,39.94418, %
Acceptable Depth & Velocity in Reach,5,39.94418, %
Optimum Velocity in Reach,6,76.91107, %
Acceptable Velocity in Reach,6,99.99814, %
Optimum Depth in Reach,6,43.01591, %
Acceptable Depth in Reach,6,63.36288, %
Optimum Depth & Velocity in Reach,6,43.01591, %
Acceptable Depth & Velocity in Reach,6,43.01591, %
Optimum Velocity in Reach,7,99.6551, %
Acceptable Velocity in Reach,7,99.99364, %
Optimum Depth in Reach,7,28.46273, %
Acceptable Depth in Reach,7,48.81288, %
Optimum Depth & Velocity in Reach,7,7.486979, %
Acceptable Depth & Velocity in Reach,7,28.40967, %
Optimum Velocity in Reach,8,99.72169, %
Acceptable Velocity in Reach,8,99.99416, %
Optimum Depth in Reach,8,32.44101, %
Acceptable Depth in Reach,8,52.90499, %
Optimum Depth & Velocity in Reach,8,25.42788, %
Acceptable Depth & Velocity in Reach,8,32.44101, %
Optimum Velocity in Reach,9,99.6429, %
Acceptable Velocity in Reach,9,99.9931, %
Optimum Depth in Reach,9,30.03494, %
Acceptable Depth in Reach,9,50.55038, %
Optimum Depth & Velocity in Reach,9,10.50804, %

Acceptable Depth & Velocity in Reach,9,30.03494, %
Optimum Velocity in Reach,10,99.63653, %
Acceptable Velocity in Reach,10,99.9931, %
Optimum Depth in Reach,10,29.20851, %
Acceptable Depth in Reach,10,49.75472, %
Optimum Depth & Velocity in Reach,10,9.093152, %
Acceptable Depth & Velocity in Reach,10,29.20851, %
Optimum Velocity in Stream,93.77544, %
Acceptable Velocity in Stream,99.99567, %
Optimum Depth in Stream,27.9783, %
Acceptable Depth in Stream,45.82976, %
Optimum Depth & Velocity in Stream,20.36384, %
Acceptable Depth & Velocity in Stream,27.7715, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.92386, %
Acceptable Velocity in Reach,1,99.99894, %
Optimum Depth in Reach,1,5.295009, %
Acceptable Depth in Reach,1,10.53165, %
Optimum Depth & Velocity in Reach,1,2.90273, %
Acceptable Depth & Velocity in Reach,1,5.295009, %
Optimum Velocity in Reach,2,99.78988, %
Acceptable Velocity in Reach,2,99.99443, %
Optimum Depth in Reach,2,8.517169, %
Acceptable Depth in Reach,2,17.12401, %
Optimum Depth & Velocity in Reach,2,1.726357, %
Acceptable Depth & Velocity in Reach,2,6.600057, %
Optimum Velocity in Reach,3,99.53412, %
Acceptable Velocity in Reach,3,99.99098, %
Optimum Depth in Reach,3,29.60806, %
Acceptable Depth in Reach,3,50.00544, %
Optimum Depth & Velocity in Reach,3,28.51871, %
Acceptable Depth & Velocity in Reach,3,29.60806, %
Optimum Velocity in Reach,4,81.55237, %
Acceptable Velocity in Reach,4,99.99416, %
Optimum Depth in Reach,4,30.51754, %
Acceptable Depth in Reach,4,51.07569, %
Optimum Depth & Velocity in Reach,4,29.78184, %
Acceptable Depth & Velocity in Reach,4,30.51754, %
Optimum Velocity in Reach,5,76.04166, %
Acceptable Velocity in Reach,5,99.9947, %
Optimum Depth in Reach,5,36.36332, %
Acceptable Depth in Reach,5,57.17087, %
Optimum Depth & Velocity in Reach,5,36.36332, %
Acceptable Depth & Velocity in Reach,5,36.36332, %

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Optimum Velocity in Reach,6,74.32539, %
Acceptable Velocity in Reach,6,99.99576, %
Optimum Depth in Reach,6,39.66773, %
Acceptable Depth in Reach,6,60.33094, %
Optimum Depth & Velocity in Reach,6,39.66773, %
Acceptable Depth & Velocity in Reach,6,39.66773, %
Optimum Velocity in Reach,7,99.21601, %
Acceptable Velocity in Reach,7,99.98594, %
Optimum Depth in Reach,7,26.92448, %
Acceptable Depth in Reach,7,46.8374, %
Optimum Depth & Velocity in Reach,7,6.863507, %
Acceptable Depth & Velocity in Reach,7,26.84011, %
Optimum Velocity in Reach,8,99.3354, %
Acceptable Velocity in Reach,8,99.98886, %
Optimum Depth in Reach,8,30.37002, %
Acceptable Depth in Reach,8,50.87193, %
Optimum Depth & Velocity in Reach,8,23.10643, %
Acceptable Depth & Velocity in Reach,8,30.37002, %
Optimum Velocity in Reach,9,99.20673, %
Acceptable Velocity in Reach,9,99.98647, %
Optimum Depth in Reach,9,28.77393, %
Acceptable Depth in Reach,9,49.15964, %
Optimum Depth & Velocity in Reach,9,9.758543, %
Acceptable Depth & Velocity in Reach,9,28.77393, %
Optimum Velocity in Reach,10,99.19718, %
Acceptable Velocity in Reach,10,99.9862, %
Optimum Depth in Reach,10,28.57575, %
Acceptable Depth in Reach,10,48.9986, %
Optimum Depth & Velocity in Reach,10,8.645313, %
Acceptable Depth & Velocity in Reach,10,28.57575, %
Optimum Velocity in Stream,92.81226, %
Acceptable Velocity in Stream,99.99165, %
Optimum Depth in Stream,26.4613, %
Acceptable Depth in Stream,44.21062, %
Optimum Depth & Velocity in Stream,18.73345, %
Acceptable Depth & Velocity in Stream,26.26115, %
```

Stream Health Run 24

Run Date,6/11/2002
Run Time,9:37:23 PM
Base File,F:\8 Scenarios and Baseline\Baseline\BACKCR1.PLT
Scenario File,F:\8 Scenarios and Baseline\MediumDensityConventionalRestrictions\BACKCR1.PLT
HSI File,D:\HSPFPost\Small Mouth Bass.csv
Variability

Base
Coefficient of Variation ,2.194978,Index,1
90-10 Range ,78.83389,Index,1
Number of Storms 3x Median,4038,Index,1
Number of High Flow Events,264,Index,1
High Flow Duration (hrs) ,8268,Index,1
Number of Low Flow Events ,61,Index,1
Low Flow Duration (hrs) ,11093,Index,1
Overall Index,1

Scenario
Coefficient of Variation ,2.751135,Index,3
90-10 Range ,100.5911,Index,3
Number of Storms 3x Median,11484,Index,5
Number of High Flow Events,1320,Index,1
High Flow Duration (hrs) ,61800,Index,1
Number of Low Flow Events ,109,Index,3
Low Flow Duration (hrs) ,13864,Index,1
Overall Index,2.444444
HSI

Base

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,3.051045E-05,0,6.500053E-05,0,1.286745E-04,0,1.101029E-04,0,7.03067E-05,0,7.561286E-05,0,8.432824E-03,0,6.201581E-03,0,9.81508E-03,0,1.078346E-02,
1,0.1000279,0.02,0.100057,0.03,0.1001154,0.03,0.1000995,0.03,0.1000623,0.03,0.1000677,0.01,0.1075891,0.02,0.1055808,0.01,0.1088334,0.01,0.1097037,
1,0.1500252,0.03,0.1500544,0.04,0.1501101,0.03,0.1500942,0.04,0.1500597,0.04,0.150065,0.02,0.1571673,0.02,0.1552704,0.01,0.1583426,0.01,0.1591651,

1,0.2000252,0.03,0.2000517,0.04,0.2001022,0.04,0.2000889,0.04,0.200057,1,0.2000597,0.02,0.2067455,0.02,0.2049599,0.02,0.2078518,0.01,0
.2086265,
1,0.2500226,1,0.2500491,0.04,0.2500968,0.04,0.2500836,1,0.2500517,1,0.250057,0.02,0.2563236,0.02,0.2546522,0.02,0.257361,0.02,0.258087
9,
1,0.3000199,1,0.3000464,1,0.3000889,1,0.3000756,1,0.3000491,1,0.3000517,0.02,0.3059018,0.03,0.3043418,0.02,0.3068702,0.02,0.3075494,
1,0.3500199,1,0.3500411,1,0.3500836,1,0.3500703,1,0.3500464,1,0.3500491,0.02,0.35548,1,0.3540314,1,0.3563793,1,0.3570081,
1,0.4000172,1,0.4000385,1,0.4000756,1,0.400065,1,0.4000411,1,0.4000438,1,0.4050581,1,0.4037209,1,0.4058885,1,0.4064696,
1,0.4500172,1,0.4500358,1,0.4500703,1,0.4500597,1,0.4500385,1,0.4500411,1,0.4546363,1,0.4534105,1,0.4553977,1,0.455931,
1,0.5000146,1,0.5000305,1,0.5000623,1,0.5000544,1,0.5000358,1,0.5000358,1,0.5042171,1,0.5031002,1,0.5049069,1,0.5053898,
1,0.5500119,1,0.5500278,1,0.5500571,1,0.5500491,1,0.5500305,1,0.5500332,1,0.5537952,1,0.5527897,1,0.5544161,1,0.5548512,
1,0.6000119,1,0.6000252,1,0.6000518,1,0.6000438,1,0.6000279,1,0.6000305,1,0.6033734,1,0.6024793,1,0.6039252,1,0.6043126,
1,0.6500093,1,0.6500226,1,0.6500438,1,0.6500385,1,0.6500226,1,0.6500252,1,0.6529515,1,0.6521689,1,0.6534344,1,0.653774,
1,0.7000093,1,0.7000199,1,0.7000385,1,0.7000332,1,0.7000199,1,0.7000226,1,0.7025297,1,0.7018585,1,0.7029436,1,0.7032354,
1,0.7500066,1,0.7500146,1,0.7500305,1,0.7500252,1,0.7500172,1,0.7500172,1,0.7521079,1,0.7515481,1,0.7524528,1,0.7526942,
1,0.800004,1,0.8000119,1,0.8000252,1,0.8000199,1,0.8000119,1,0.8000146,1,0.801686,1,0.8012403,1,0.801962,1,0.8021556,
1,0.850004,1,0.8500093,1,0.8500172,1,0.8500146,1,0.8500093,1,0.8500093,1,0.8512642,1,0.8509299,1,0.8514711,1,0.851617,
1,0.9000013,1,0.900004,1,0.900012,1,0.9000093,1,0.9000067,1,0.9000067,1,0.9008424,1,0.9006195,1,0.9009803,1,0.9010758,
1,0.9500013,1,0.9500013,1,0.950004,1,0.950004,1,0.9500013,1,0.9500013,1,0.9504205,1,0.9503091,1,0.9504895,1,0.9505373,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9763093,0,0.9479266,0,0.7212817,0,0.7122851,0,0.6478152,0,0.6141528,0,0.763142,0,0.7255983,0,0.7481681,0,0.7556843,
0.96,0.9786785,0.96,0.9531346,0.96,0.7491524,0.97,0.7410578,0.97,0.6830348,0.98,0.6527367,0.97,0.7868288,0.98,0.7530391,0.98,0.7733511
,0.98,0.7801165,
0.96,0.9798618,0.96,0.9557373,0.96,0.763089,0.97,0.7554428,0.97,0.7006434,0.98,0.6720299,0.98,0.7986695,0.98,0.7667582,0.98,0.7859426,
0.98,0.7923313,
0.96,0.9810477,0.96,0.95834,0.96,0.7770256,0.97,0.7698278,0.98,0.7182519,0.98,0.6913231,0.98,0.8105128,0.98,0.7804773,0.98,0.7985342,0
.98,0.8045461,
0.96,0.982231,0.97,0.9609453,0.96,0.7909623,0.97,0.7842128,0.98,0.7358604,0.98,0.7106137,0.98,0.8223562,0.98,0.794199,0.98,0.8111257,0
.98,0.8167635,
0.96,0.9834169,0.97,0.9635479,0.97,0.8048962,0.97,0.7985979,0.98,0.7534689,0.98,0.7299069,0.98,0.8341995,0.98,0.8079181,0.98,0.8237172
,0.98,0.8289783,
0.96,0.9846002,0.97,0.9661506,0.97,0.8188329,0.97,0.8129855,0.98,0.7710801,0.98,0.7492001,0.98,0.8460429,0.98,0.8216372,0.98,0.8363088
,0.99,0.8411931,
0.97,0.9857861,0.97,0.968756,0.97,0.8327696,0.98,0.8273705,0.98,0.7886886,0.98,0.7684907,0.98,0.8578836,0.98,0.835359,0.98,0.8489003,0
.99,0.8534105,
0.97,0.9869694,0.97,0.9713587,0.97,0.8467035,0.98,0.8417556,0.98,0.8062971,0.98,0.7877839,0.98,0.869727,0.98,0.8490781,0.99,0.8614918,
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0.97,0.9881553,0.97,0.9739613,0.97,0.8606402,0.98,0.8561432,0.98,0.8239083,0.99,0.8070771,0.98,0.8815703,0.98,0.8627971,0.99,0.8740833
,0.99,0.8778401,
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,0.99,0.8900576,

0.97,0.9905218,0.98,0.9791693,0.98,0.8885108,0.98,0.8849133,0.98,0.8591253,0.99,0.8456609,0.98,0.9052571,0.99,0.890238,0.99,0.8992664,
0.99,0.9022723,
0.97,0.9917078,0.98,0.9817746,0.98,0.9024475,0.98,0.8992983,0.98,0.8767338,0.99,0.8649514,0.98,0.9170978,0.99,0.9039598,0.99,0.911858,
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,0.9389194,
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.99,0.9877839,
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Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
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0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,7.574552E-04,0,7.910167E-03,0,8.82548E-03,0,1.528839E-02,0,1.081529E-02,0,1.045447E-02,0,5.047092E-02,0,3.810756E-02,0,8.229996E-02,0,0.1486748,
0.02,0.1006805,0.01,0.1071195,0.01,0.107942,0.01,0.1137602,0.01,0.1097328,0.01,0.1094092,0.01,0.1454248,0.01,0.1342977,0.01,0.1740701,0.01,0.2338069,
0.02,0.1506434,0.01,0.1567242,0.02,0.1575016,0.01,0.1629961,0.01,0.1591916,0.01,0.1588865,0.01,0.192899,0.01,0.1823902,0.01,0.2199552,0.01,0.276373,
0.02,0.2006062,0.01,0.2063289,0.02,0.2070612,0.02,0.2122294,0.02,0.208653,0.02,0.2083638,0.01,0.2403759,0.01,0.2304852,0.01,0.2658402,0.01,0.318939,
0.03,0.2505664,0.01,0.255931,0.02,0.2566181,0.02,0.2614653,0.02,0.2581118,0.02,0.2578412,0.01,0.2878529,0.01,0.2785803,0.01,0.3117253,0.01,0.3615051,
1,0.3005293,0.02,0.3055356,0.02,0.3061777,0.02,0.3107012,0.02,0.3075706,0.02,0.3073185,0.01,0.3353298,0.01,0.3266754,0.01,0.3576104,0.01,0.4040712,
1,0.3504921,0.02,0.3551404,0.02,0.3557373,0.02,0.3599371,0.02,0.3570293,0.02,0.3567959,0.01,0.3828067,0.01,0.3747705,0.01,0.4034954,0.01,0.4466372,
1,0.400455,0.02,0.404745,0.02,0.4052942,0.02,0.409173,0.02,0.4064881,0.02,0.4062732,0.01,0.430281,0.01,0.4228629,0.01,0.4493805,0.01,0.4892033,
1,0.4504152,0.02,0.4543497,0.02,0.4548538,0.02,0.458409,0.02,0.4559469,0.02,0.4557506,0.01,0.4777579,0.01,0.470958,0.01,0.4952656,0.01,0.5317693,
1,0.5003781,1,0.5039544,0.02,0.5044134,0.02,0.5076448,1,0.5054057,1,0.5052252,0.01,0.5252348,0.01,0.5190531,0.01,0.541148,0.01,0.5743381,
1,0.550341,1,0.5535591,0.03,0.5539703,0.02,0.5568781,1,0.5548671,1,0.5547026,0.01,0.5727117,0.01,0.5671482,0.01,0.587033,0.01,0.6169041,
1,0.6003011,1,0.6031638,0.03,0.6035299,1,0.606114,1,0.6043258,1,0.6041799,0.01,0.6201887,0.02,0.6152433,0.01,0.6329181,0.01,0.6594702,
1,0.650264,1,0.6527685,1,0.6530868,1,0.65535,1,0.6537846,1,0.6536573,0.01,0.6676629,1,0.6633357,1,0.6788032,1,0.7020363,
1,0.7002268,1,0.7023732,1,0.7026464,1,0.7045859,1,0.7032434,1,0.7031346,1,0.7151398,1,0.7114308,1,0.7246883,1,0.7446023,
1,0.7501897,1,0.7519779,1,0.752206,1,0.7538218,1,0.7527022,1,0.7526119,1,0.7626168,1,0.7595259,1,0.7705733,1,0.7871684,
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1,0.8501127,1,0.8511846,1,0.8513226,1,0.8522909,1,0.8516223,1,0.8515667,1,0.8575706,1,0.855716,1,0.8623435,1,0.8723005,
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1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9996352,0,0.9993062,0,0.9951568,0,0.9947084,0,0.9921933,0,0.9905537,0,0.9959686,0,0.9948543,0,0.9955044,0,0.9956291,
0.19,0.9996724,0.88,0.9993752,0.88,0.9956423,0.89,0.9952364,0.91,0.9929733,0.93,0.9914982,0.92,0.9963719,0.92,0.995369,0.93,0.9959527,0.94,0.9960668,
0.86,0.9996909,0.88,0.9994097,0.88,0.9958838,0.89,0.9955017,0.92,0.9933633,0.93,0.9919704,0.92,0.9965736,0.93,0.9956264,0.93,0.9961782,0.94,0.9962844,
0.86,0.9997068,0.88,0.9994442,0.88,0.9961252,0.89,0.995767,0.92,0.9937533,0.93,0.9924427,0.92,0.9967752,0.93,0.9958838,0.93,0.9964038,0.94,0.9965019,

0.87,0.9997254,0.89,0.9994787,0.88,0.9963666,0.9,0.9960297,0.92,0.994146,0.93,0.9929149,0.92,0.9969768,0.93,0.9961411,0.93,0.9966292,0
.94,0.9967221,
0.87,0.999744,0.89,0.9995131,0.88,0.996608,0.9,0.996295,0.92,0.994536,0.93,0.9933872,0.92,0.9971784,0.93,0.9963984,0.93,0.9968521,0.94
,0.9969397,
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.94,0.9971572,
0.88,0.9997811,0.91,0.9995821,0.89,0.9970936,0.9,0.9968256,0.92,0.995316,0.93,0.9943317,0.92,0.9975817,0.93,0.9969131,0.94,0.9973031,0
.94,0.9973775,
0.9,0.9997997,0.92,0.9996166,0.89,0.997335,0.92,0.9970883,0.94,0.995706,0.94,0.994804,0.92,0.9977834,0.94,0.9971705,0.94,0.997526,0.94
,0.997595,
0.9,0.9998183,0.92,0.9996538,0.91,0.997579,0.92,0.9973536,0.94,0.996096,0.95,0.9952762,0.94,0.9979823,0.95,0.9974252,0.95,0.9977515,0.
95,0.9978125,
0.91,0.9998342,0.92,0.9996883,0.92,0.9978205,0.93,0.9976189,0.94,0.996486,0.95,0.9957485,0.94,0.998184,0.95,0.9976825,0.95,0.997977,0.
96,0.9980327,
0.91,0.9998528,0.93,0.9997228,0.92,0.9980619,0.93,0.9978815,0.94,0.996876,0.95,0.9962207,0.94,0.9983856,0.95,0.9979399,0.95,0.9981999,
0.96,0.9982503,
0.91,0.9998713,0.93,0.9997572,0.92,0.9983034,0.93,0.9981468,0.95,0.997266,0.95,0.996693,0.95,0.9985873,0.95,0.9981973,0.95,0.9984254,0
.96,0.9984705,
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0.96,0.998688,
0.92,0.9999084,0.93,0.9998263,0.93,0.9987889,0.93,0.9986774,0.95,0.998046,0.95,0.9976375,0.95,0.9989905,0.95,0.9987119,0.96,0.9988738,
0.96,0.9989056,
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0.96,0.9991258,
0.92,0.999943,0.95,0.9998952,0.93,0.9992718,0.94,0.9992054,0.95,0.9988286,0.96,0.9985819,0.95,0.9993938,0.96,0.9992266,0.96,0.9993248,
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,0.98,0.9999987,

Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

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02,0,9.999868E-02,
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Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,1.392869E-04,0,1.143346E-02,0,0.6131421,0,0.990307,0,0,0,0
0.04,0.100126,0.01,0.11029,0.23,0.6518266,0.12,0.9912753,0,9.999868E-02,0,9.999868E-02
0.04,0.1501181,0.01,0.1597196,0.23,0.6711703,0.12,0.9917608,0,0.1499987,0,0.1499987
0.17,0.2001101,0.01,0.2091465,0.23,0.6905139,0.22,0.9922464,0,0.1999987,0,0.1999987
0.29,0.2501048,0.01,0.2585734,0.27,0.7098575,0.22,0.9927292,0,0.2499987,0,0.2499987
0.42,0.3000968,0.03,0.308003,0.51,0.7291985,0.22,0.9932147,0,0.2999987,0,0.2999987
0.57,0.3500889,0.03,0.3574326,0.66,0.7485421,0.22,0.9937003,0,0.3499987,0,0.3499987
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1,0.4500756,0.03,0.4562865,0.94,0.7872267,0.36,0.9946686,0,0.4499987,0,0.4499987
1,0.5000677,0.29,0.5057161,0.94,0.8065704,0.46,0.9951541,0,0.4999987,0,0.4999987
1,0.5500624,0.29,0.5551457,0.94,0.825914,0.57,0.995637,0,0.5499987,0,0.5499987
1,0.6000544,0.29,0.6045726,0.94,0.845255,0.73,0.9961225,0,0.5999987,0,0.5999987
1,0.6500491,0.56,0.6539995,0.94,0.8645986,0.8,0.9966054,0,0.6499987,0,0.6499987
1,0.7000411,1,0.7034291,0.94,0.8839422,0.89,0.9970909,0,0.6999987,0,0.6999987
1,0.7500331,1,0.7528587,0.94,0.9032832,0.89,0.9975764,0,0.7499987,0,0.7499987
1,0.8000278,1,0.8022856,0.94,0.9226268,0.9,0.9980593,0,0.7999987,0,0.7999987
1,0.8500199,1,0.8517126,0.95,0.9419705,0.91,0.9985448,0,0.8499987,0,0.8499987
1,0.900012,1,0.9011422,0.97,0.9613141,0.91,0.9990303,0,0.8999987,0,0.8999987
1,0.9500066,1,0.9505717,0.99,0.9806551,0.92,0.9995131,0,0.9499987,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.96,0.9999987,0,0.9999987,0,0.9999987

Scenario

Accept Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,5.43882E-05,0,1.419399E-04,0,4.443914E-04,0,3.99289E-04,0,2.003078E-04,0,1.605115E-04,0,1.849597E-02,0,1.466492E-02,0,2.228988E-02,0,0.0253701,
1,0.1000491,0.02,0.1001287,0.03,0.1003993,0.03,0.1003595,0.03,0.1001791,0.03,0.1001446,0.01,0.1166468,0.02,0.1131978,0.01,0.1200613,0.01,0.1228338,
1,0.1500464,0.03,0.1501207,0.04,0.1503781,0.03,0.1503383,0.03,0.1501711,0.03,0.1501366,0.02,0.1657208,0.02,0.1624655,0.01,0.168947,0.01,0.1715656,
1,0.2000438,0.03,0.2001128,0.04,0.2003542,0.04,0.2003197,0.04,0.2001605,1,0.2001287,0.02,0.2147976,0.02,0.2117306,0.02,0.2178327,0.01,0.2202948,
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1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile8,Reach9,Quantile9,Reach10,Quantile10

0,0.9544824,0,0.9263544,0,0.736911,0,0.7266489,0,0.66848,0,0.6336637,0,0.7628369,0,0.7289173,0,0.7448941,0,0.7462817,
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0.96,0.9635851,0.97,0.9410843,0.96,0.7895296,0.97,0.7813183,0.98,0.7347832,0.98,0.7069312,0.98,0.8102688,0.98,0.783133,0.98,0.7959156,0.98,0.7970245,
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0.99,0.898513,
0.97,0.9840669,0.98,0.974224,0.98,0.9079182,0.98,0.9043258,0.99,0.8839661,0.99,0.8717805,0.99,0.9169917,0.99,0.9051191,0.99,0.9107118,
0.99,0.9111974,
0.98,0.9863433,0.98,0.9779065,0.98,0.9210721,0.98,0.9179946,0.99,0.9005426,0.99,0.8900974,0.99,0.9288509,0.99,0.9186737,0.99,0.9234678
,0.99,0.9238844,
0.98,0.9886196,0.98,0.9815863,0.98,0.9342261,0.99,0.9316606,0.99,0.917119,0.99,0.9084142,0.99,0.9407076,0.99,0.9322283,0.99,0.9362239,
0.99,0.9365688,
0.98,0.9908959,0.98,0.9852688,0.98,0.9473801,0.99,0.9453292,0.99,0.9336955,0.99,0.9267311,0.99,0.9525669,0.99,0.9457829,0.99,0.9489772
,0.99,0.9492558,
0.98,0.9931723,0.99,0.9889513,0.99,0.9605367,0.99,0.9589953,0.99,0.950272,0.99,0.945048,0.99,0.9644235,0.99,0.9593375,0.99,0.9617333,0
.99,0.9619402,
0.98,0.995446,0.99,0.9926337,0.99,0.9736907,0.99,0.9726639,0.99,0.9668458,0.99,0.9633649,0.99,0.9762828,0.99,0.9728895,0.99,0.9744893,
0.99,0.9746273,
0.99,0.9977223,0.99,0.9963162,0.99,0.9868447,0.99,0.98633,1,0.9834222,1,0.9816818,1,0.9881394,1,0.9864441,1,0.9872426,1,0.9873116,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Accept Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,
0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,0,0.1499987,
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Opt Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,2.495224E-03,0,1.729147E-02,0,1.284225E-02,0,2.269049E-02,0,1.960496E-02,0,2.079884E-02,0,7.485276E-02,0,6.217632E-
02,0,0.1067163,0,0.16588,
0.02,0.1022458,0.01,0.1155617,0.01,0.1115582,0.01,0.1204221,0.01,0.1176443,0.01,0.1187188,0.01,0.1673684,0.01,0.1559575,0.01,0.1960456
,0.01,0.249293,
0.02,0.1521211,0.01,0.1646968,0.02,0.1609161,0.01,0.1692866,0.01,0.1666653,0.01,0.1676788,0.01,0.2136249,0.01,0.2028507,0.01,0.2407076
,0.01,0.2909968,
0.02,0.2019964,0.01,0.2138318,0.02,0.2102741,0.02,0.2181511,0.02,0.2156837,0.02,0.2166388,0.01,0.2598814,0.01,0.2497413,0.01,0.2853722
,0.01,0.3327032,
0.03,0.2518718,0.01,0.2629669,0.02,0.259632,0.02,0.2670182,0.02,0.2647021,0.02,0.2655988,0.01,0.3061379,0.01,0.2966319,0.01,0.3300369,
0.01,0.3744097,
1,0.3017471,0.02,0.3121047,0.02,0.30899,0.02,0.3158827,0.02,0.3137231,0.02,0.3145588,0.01,0.3523971,0.01,0.3435225,0.01,0.3747015,0.01
,0.4161161,
1,0.3516224,0.02,0.3612398,0.02,0.3583479,0.02,0.3647472,0.02,0.3627441,0.02,0.3635188,0.01,0.3986536,0.01,0.3904131,0.01,0.4193662,0.
01,0.4578226,
1,0.4014977,0.02,0.4103749,0.02,0.4077059,0.02,0.4136143,0.02,0.4117624,0.02,0.4124788,0.01,0.44491,0.01,0.4373063,0.01,0.4640282,0.01
,0.4995264,
1,0.451373,0.02,0.45951,0.02,0.4570638,0.02,0.4624788,0.03,0.4607808,1,0.4614388,0.01,0.4911692,0.01,0.4841969,0.01,0.5086928,0.01,0.5
412329,
1,0.5012456,1,0.5086451,0.03,0.5064191,0.02,0.5113432,1,0.5098018,1,0.5103987,0.01,0.5374257,0.01,0.5310875,0.01,0.5533575,0.01,0.5829
393,
1,0.5511209,1,0.5577801,0.03,0.5557771,0.03,0.5602104,1,0.5588228,1,0.5593588,0.01,0.5836822,0.02,0.5779781,0.01,0.5980221,0.01,0.6246
458,
1,0.6009963,1,0.6069152,1,0.605135,1,0.6090749,1,0.6078412,1,0.6083187,0.01,0.6299413,1,0.6248687,0.01,0.6426868,1,0.6663523,
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1,0.8004975,1,0.8034583,1,0.8025669,1,0.8045381,1,0.8039199,1,0.8041587,1,0.81497,1,0.8124337,1,0.8213427,1,0.8331755,
1,0.8503727,1,0.8525934,1,0.8519248,1,0.8534026,1,0.8529383,1,0.8531187,1,0.8612265,1,0.8593243,1,0.8660074,1,0.8748819,
1,0.9002481,1,0.9017285,1,0.9012828,1,0.902267,1,0.9019593,1,0.9020787,1,0.907483,1,0.9062175,1,0.9106694,1,0.9165857,
1,0.9501234,1,0.9508636,1,0.9506407,1,0.9511342,1,0.9509803,1,0.9510387,1,0.9537421,1,0.9531081,1,0.955334,1,0.9582922,
1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,1,0.9999987,

Opt Depth

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0.9982662,0,0.9967911,0,0.983852,0,0.9822973,0,0.9776809,0,0.9747015,0,0.986521,0,0.9841571,0,0.9861522,0,0.986269,

0.86,0.9984387,0.88,0.9971121,0.88,0.9854677,0.89,0.9840669,0.91,0.9799122,0.93,0.9772299,0.92,0.9878688,0.92,0.985741,0.93,0.9875371,
0.94,0.9876406,
0.87,0.9985262,0.88,0.9972713,0.88,0.9862743,0.89,0.984953,0.92,0.9810292,0.93,0.9784954,0.92,0.9885427,0.93,0.9865343,0.93,0.9882296,
0.94,0.9883277,
0.87,0.9986138,0.89,0.9974331,0.88,0.9870808,0.9,0.9858365,0.92,0.9821434,0.93,0.9797609,0.92,0.9892166,0.93,0.9873249,0.93,0.9889221,
0.94,0.9890149,
0.87,0.9986987,0.89,0.9975923,0.88,0.98789,0.9,0.9867226,0.92,0.9832604,0.93,0.9810265,0.92,0.9898905,0.93,0.9881182,0.93,0.9896145,0.
94,0.989702,
0.87,0.9987862,0.89,0.9977542,0.89,0.9886965,0.9,0.9876088,0.92,0.9843773,0.93,0.982292,0.92,0.9905643,0.93,0.9889088,0.94,0.990307,0.
94,0.9903892,
0.88,0.9988738,0.89,0.9979134,0.89,0.9895031,0.9,0.9884923,0.92,0.9854916,0.93,0.9835548,0.92,0.9912382,0.93,0.989702,0.94,0.9909994,0
.94,0.9910737,
0.88,0.9989586,0.91,0.9980752,0.91,0.9903096,0.92,0.9893784,0.94,0.9866086,0.94,0.9848204,0.94,0.9919121,0.94,0.9904927,0.95,0.9916919
,0.95,0.9917608,
0.9,0.9990462,0.92,0.9982344,0.91,0.9911188,0.92,0.9902619,0.94,0.9877229,0.95,0.9860859,0.94,0.992586,0.95,0.9912859,0.95,0.9923843,0
.95,0.992448,
0.91,0.9991338,0.92,0.9983962,0.92,0.9919254,0.93,0.991148,0.94,0.9888398,0.95,0.9873488,0.94,0.9932598,0.95,0.9920766,0.95,0.9930741,
0.96,0.9931325,
0.91,0.9992186,0.92,0.9985554,0.92,0.9927319,0.93,0.9920341,0.94,0.9899567,0.95,0.9886143,0.94,0.9939337,0.95,0.9928699,0.95,0.9937666
,0.96,0.9938197,
0.91,0.9993062,0.92,0.9987146,0.92,0.9935411,0.93,0.9929176,0.95,0.991071,0.95,0.9898798,0.95,0.9946076,0.95,0.9936631,0.95,0.994459,0
.96,0.9945068,
0.91,0.9993911,0.93,0.9988764,0.92,0.9943476,0.93,0.9938037,0.95,0.992188,0.95,0.9911453,0.95,0.9952815,0.95,0.9944537,0.96,0.9951515,
0.96,0.995194,
0.92,0.9994787,0.93,0.9990356,0.93,0.9951541,0.93,0.9946872,0.95,0.9933023,0.95,0.9924108,0.95,0.9959553,0.95,0.995247,0.96,0.9958439,
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0.92,0.9995662,0.93,0.9991974,0.93,0.9959607,0.94,0.9955733,0.95,0.9944192,0.96,0.9936737,0.95,0.9966292,0.96,0.9960376,0.96,0.9965364
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0.94,0.9998263,0.95,0.9996777,0.95,0.9983829,0.96,0.9982291,0.97,0.9977674,0.97,0.9974676,0.97,0.9986509,0.97,0.9984148,0.97,0.9986138
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Opt Depth and Velocity

Reach1,Quantile1,Reach2,Quantile2,Reach3,Quantile3,Reach4,Quantile4,Reach5,Quantile5,Reach6,Quantile6,Reach7,Quantile7,Reach8,Quantile
8,Reach9,Quantile9,Reach10,Quantile10

0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,
0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-02,0,9.999868E-
02,0,9.999868E-02,

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0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,0,0.7499987,
0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,0,0.7999987,
0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,0,0.8499987,
0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,0,0.8999987,
0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,0,0.9499987,
0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,0,0.9999987,

Stream

Velocity,,,,Depth,,,,Depth & Velocity

Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile,Accept,Quantile,Opt,Quantile

0,4.31126E-04,0,2.200334E-02,0,0.6258476,0,0.9713693,0,0,0,0
0.03,0.1003887,0.01,0.1198039,0.23,0.6632641,0.12,0.974232,0,9.999868E-02,0,9.999868E-02
0.04,0.1503675,0.01,0.1687029,0.23,0.681971,0.17,0.9756646,0,0.1499987,0,0.1499987
0.17,0.2003436,0.01,0.2176019,0.23,0.7006779,0.22,0.9770946,0,0.1999987,0,0.1999987
0.29,0.2503223,0.02,0.2665009,0.37,0.7193847,0.23,0.9785272,0,0.2499987,0,0.2499987
0.48,0.3003011,0.03,0.3154025,0.51,0.7380916,0.3,0.9799573,0,0.2999987,0,0.2999987
0.77,0.3502799,0.03,0.3643014,0.75,0.7568012,0.37,0.9813899,0,0.3499987,0,0.3499987
1,0.4002587,0.03,0.4132004,0.9,0.775508,0.41,0.98282,0,0.3999987,0,0.3999987
1,0.4502375,0.19,0.462102,0.94,0.794215,0.45,0.9842526,0,0.4499987,0,0.4499987
1,0.5002162,0.29,0.511001,0.94,0.8129245,0.54,0.9856827,0,0.4999987,0,0.4999987
1,0.5501924,0.29,0.5599,0.94,0.8316314,0.64,0.9871153,0,0.5499987,0,0.5499987
1,0.6001711,0.55,0.6088016,0.94,0.8503383,0.7,0.988548,0,0.5999987,0,0.5999987
1,0.6501499,0.87,0.6577006,0.94,0.8690451,0.78,0.989978,0,0.6499987,0,0.6499987
1,0.7001287,1,0.7065995,0.95,0.8877521,0.85,0.9914107,0,0.6999987,0,0.6999987
1,0.7501075,1,0.7555012,0.95,0.9064616,0.89,0.9928406,0,0.7499987,0,0.7499987
1,0.8000862,1,0.8044001,0.97,0.9251685,0.9,0.9942733,0,0.7999987,0,0.7999987
1,0.8500624,1,0.8532991,0.97,0.9438754,0.91,0.9957033,0,0.8499987,0,0.8499987
1,0.9000411,1,0.9021981,0.99,0.9625849,0.92,0.997136,0,0.8999987,0,0.8999987
1,0.9500199,1,0.9510997,0.99,0.9812918,0.93,0.998566,0,0.9499987,0,0.9499987
1,0.9999987,1,0.9999987,1,0.9999987,0.97,0.9999987,0,0.9999987,0,0.9999987

Time %

Basefile

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.99072, %
Acceptable Velocity in Reach,1,99.99655, %
Optimum Depth in Reach,1,3.634714E-02, %
Acceptable Depth in Reach,1,2.368932, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0, %
Optimum Velocity in Reach,2,99.97506, %
Acceptable Velocity in Reach,2,99.9931, %
Optimum Depth in Reach,2,6.924528E-02, %
Acceptable Depth in Reach,2,5.207192, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.95331, %
Acceptable Velocity in Reach,3,99.98673, %
Optimum Depth in Reach,3,0.4841864, %
Acceptable Depth in Reach,3,27.87162, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,0, %
Optimum Velocity in Reach,4,99.95437, %
Acceptable Velocity in Reach,4,99.98859, %
Optimum Depth in Reach,4,0.5290233, %
Acceptable Depth in Reach,4,28.77128, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,0, %
Optimum Velocity in Reach,5,99.96445, %
Acceptable Velocity in Reach,5,99.99258, %
Optimum Depth in Reach,5,0.7805349, %
Acceptable Depth in Reach,5,35.21826, %
Optimum Depth & Velocity in Reach,5,0, %
Acceptable Depth & Velocity in Reach,5,0, %
Optimum Velocity in Reach,6,99.97108, %
Acceptable Velocity in Reach,6,99.99204, %
Optimum Depth in Reach,6,0.944495, %
Acceptable Depth in Reach,6,38.58448, %
Optimum Depth & Velocity in Reach,6,0, %
Acceptable Depth & Velocity in Reach,6,0, %
Optimum Velocity in Reach,7,99.91802, %
Acceptable Velocity in Reach,7,99.97639, %
Optimum Depth in Reach,7,0.4030022, %
Acceptable Depth in Reach,7,23.6856, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.94243, %

Acceptable Velocity in Reach,8,99.98064, %
Optimum Depth in Reach,8,0.5144314, %
Acceptable Depth in Reach,8,27.43997, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0, %
Optimum Velocity in Reach,9,99.91988, %
Acceptable Velocity in Reach,9,99.97771, %
Optimum Depth in Reach,9,0.449431, %
Acceptable Depth in Reach,9,25.18299, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.91616, %
Acceptable Velocity in Reach,10,99.97639, %
Optimum Depth in Reach,10,0.4369616, %
Acceptable Depth in Reach,10,24.43138, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.95055, %
Acceptable Velocity in Stream,99.98607, %
Optimum Depth in Stream,0.4647658, %
Acceptable Depth in Stream,23.87617, %
Optimum Depth & Velocity in Stream,0, %
Acceptable Depth & Velocity in Stream,0, %

Scenario

Percent of time that the following are available:
Optimum Velocity in Reach,1,99.97533, %
Acceptable Velocity in Reach,1,99.99416, %
Optimum Depth in Reach,1,0.1732458, %
Acceptable Depth in Reach,1,4.551617, %
Optimum Depth & Velocity in Reach,1,0, %
Acceptable Depth & Velocity in Reach,1,0, %
Optimum Velocity in Reach,2,99.90661, %
Acceptable Velocity in Reach,2,99.98541, %
Optimum Depth in Reach,2,0.3207569, %
Acceptable Depth in Reach,2,7.364408, %
Optimum Depth & Velocity in Reach,2,0, %
Acceptable Depth & Velocity in Reach,2,0, %
Optimum Velocity in Reach,3,99.77953, %
Acceptable Velocity in Reach,3,99.95516, %
Optimum Depth in Reach,3,1.614662, %
Acceptable Depth in Reach,3,26.3087, %
Optimum Depth & Velocity in Reach,3,0, %
Acceptable Depth & Velocity in Reach,3,0, %
Optimum Velocity in Reach,4,99.77767, %
Acceptable Velocity in Reach,4,99.95967, %

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Optimum Depth in Reach,4,1.770132, %
Acceptable Depth in Reach,4,27.3349, %
Optimum Depth & Velocity in Reach,4,0, %
Acceptable Depth & Velocity in Reach,4,0, %
Optimum Velocity in Reach,5,99.84745, %
Acceptable Velocity in Reach,5,99.97958, %
Optimum Depth in Reach,5,2.231767, %
Acceptable Depth in Reach,5,33.15178, %
Optimum Depth & Velocity in Reach,5,0, %
Acceptable Depth & Velocity in Reach,5,0, %
Optimum Velocity in Reach,6,99.87743, %
Acceptable Velocity in Reach,6,99.98355, %
Optimum Depth in Reach,6,2.529708, %
Acceptable Depth in Reach,6,36.6334, %
Optimum Depth & Velocity in Reach,6,0, %
Acceptable Depth & Velocity in Reach,6,0, %
Optimum Velocity in Reach,7,99.63281, %
Acceptable Velocity in Reach,7,99.90422, %
Optimum Depth in Reach,7,1.347763, %
Acceptable Depth in Reach,7,23.71611, %
Optimum Depth & Velocity in Reach,7,0, %
Acceptable Depth & Velocity in Reach,7,0, %
Optimum Velocity in Reach,8,99.74053, %
Acceptable Velocity in Reach,8,99.93526, %
Optimum Depth in Reach,8,1.584152, %
Acceptable Depth in Reach,8,27.10807, %
Optimum Depth & Velocity in Reach,8,0, %
Acceptable Depth & Velocity in Reach,8,0, %
Optimum Velocity in Reach,9,99.66518, %
Acceptable Velocity in Reach,9,99.91271, %
Optimum Depth in Reach,9,1.38464, %
Acceptable Depth in Reach,9,25.51039, %
Optimum Depth & Velocity in Reach,9,0, %
Acceptable Depth & Velocity in Reach,9,0, %
Optimum Velocity in Reach,10,99.64555, %
Acceptable Velocity in Reach,10,99.91219, %
Optimum Depth in Reach,10,1.372967, %
Acceptable Depth in Reach,10,25.37163, %
Optimum Depth & Velocity in Reach,10,0, %
Acceptable Depth & Velocity in Reach,10,0, %
Optimum Velocity in Stream,99.78481, %
Acceptable Velocity in Stream,99.95219, %
Optimum Depth in Stream,1.432979, %
Acceptable Depth in Stream,23.7051, %
Optimum Depth & Velocity in Stream,0, %
Acceptable Depth & Velocity in Stream,0, %
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