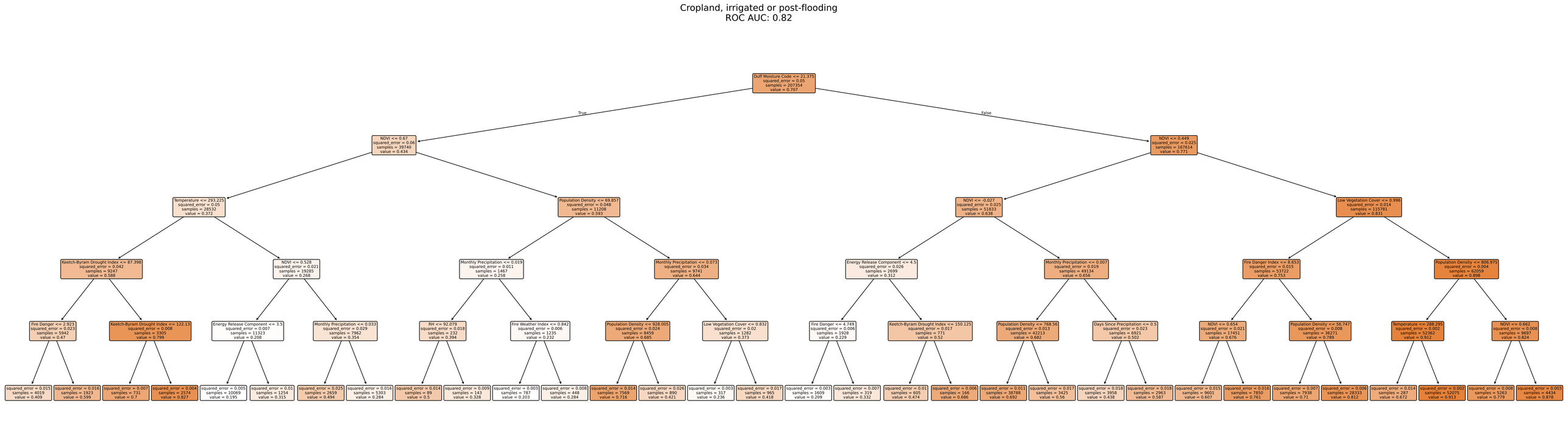
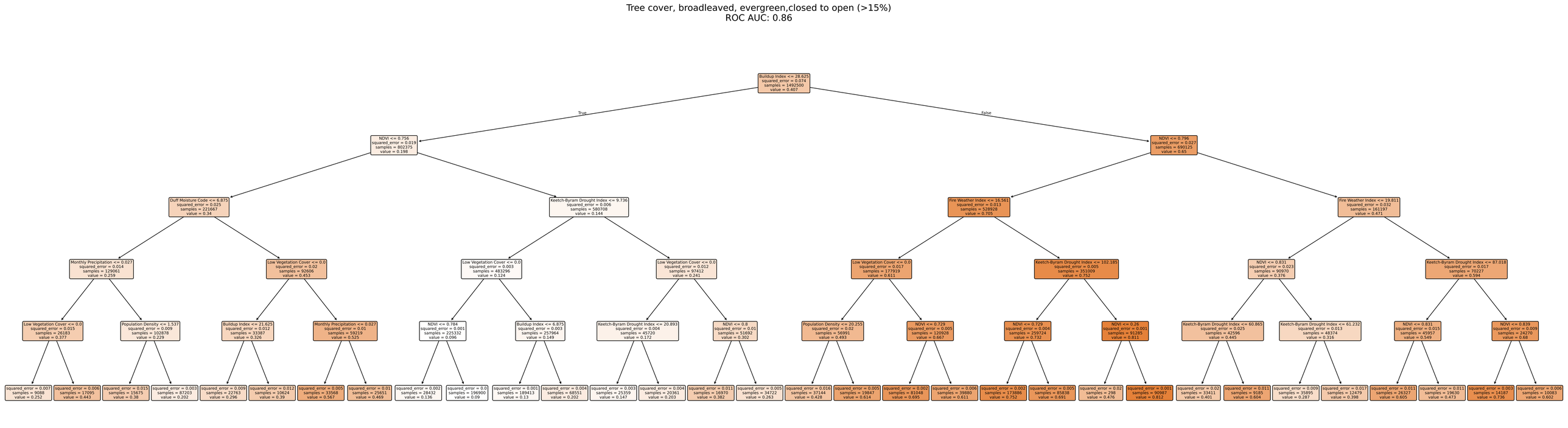
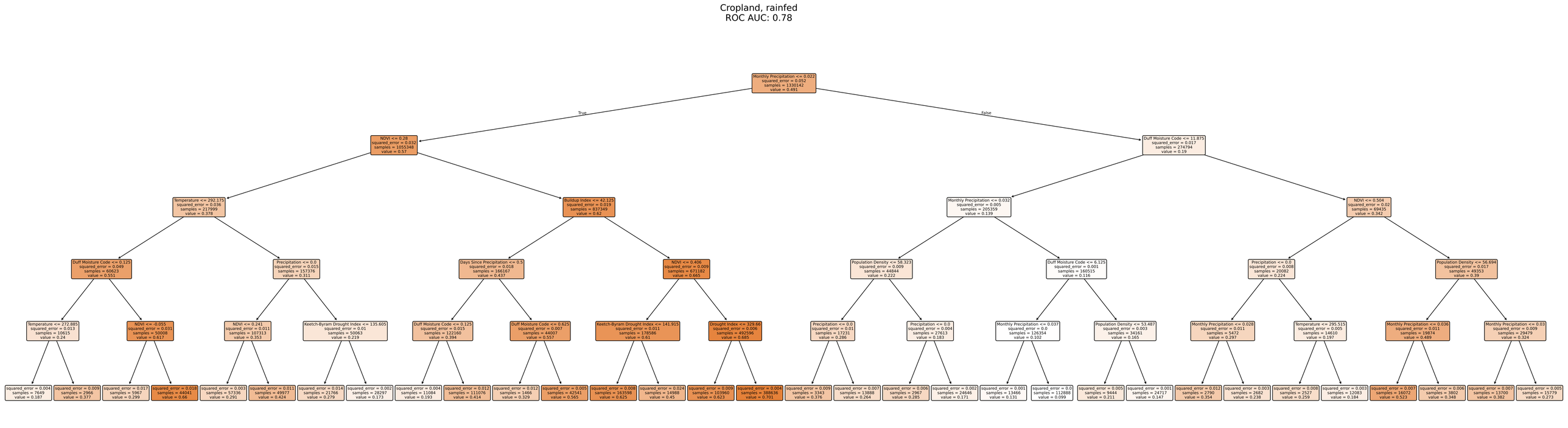
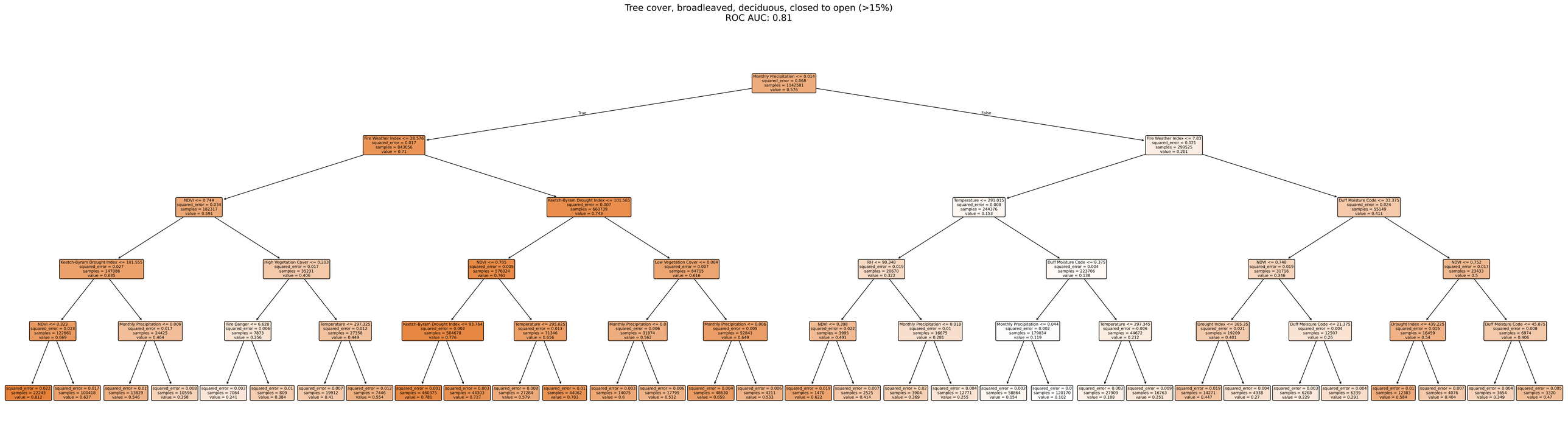
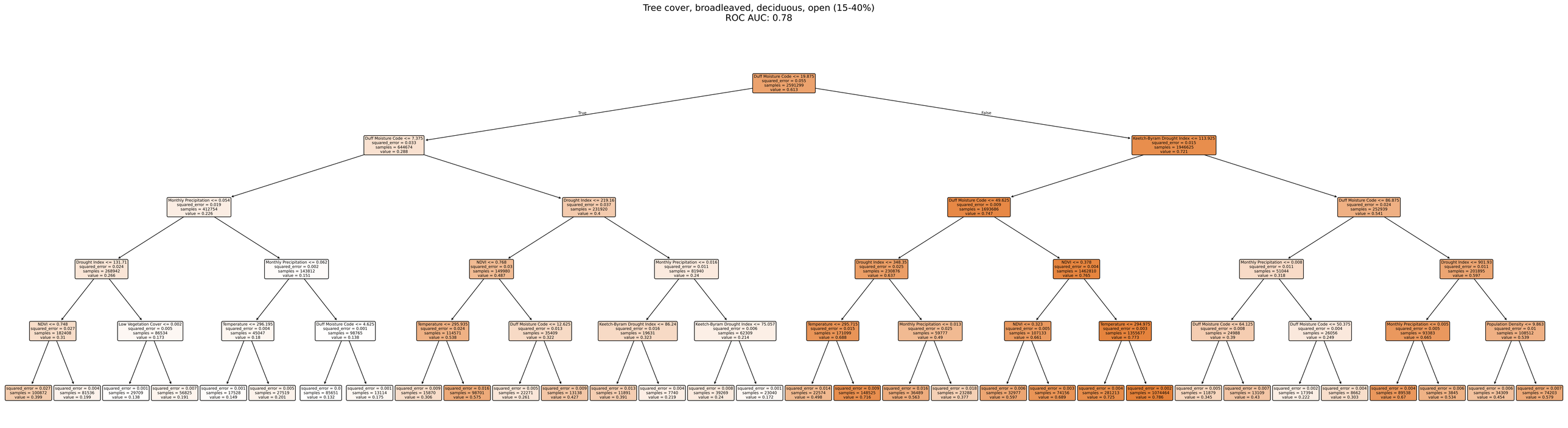

Cropland, irrigated or post-flooding
ROC AUC: 0.82
Duff Moisture Code <= 21.375
squared_error = 0.05
samples = 207354
value = 0.707
True
False
NDVI <= 0.67
squared_error = 0.06
samples = 39740
value = 0.434
NDVI <= 0.449
squared_error = 0.025
samples = 167614
value = 0.771
Temperature <= 293.225
squared_error = 0.05
samples = 28532
value = 0.372
Population Density <= 69.857
squared_error = 0.048
samples = 11208
value = 0.593
NDVI <= -0.027
squared_error = 0.025
samples = 51833
value = 0.638
Low Vegetation Cover <= 0.996
squared_error = 0.014
samples = 115781
value = 0.831
Keetch-Byram Drought Index <= 87.398
squared_error = 0.042
samples = 9247
value = 0.588
NDVI <= 0.528
squared_error = 0.021
samples = 19285
value = 0.268
Monthly Precipitation <= 0.019
squared_error = 0.011
samples = 1467
value = 0.258
Monthly Precipitation <= 0.073
squared_error = 0.034
samples = 9741
value = 0.644
Energy Release Component <= 4.5
squared_error = 0.026
samples = 2699
value = 0.312
Monthly Precipitation <= 0.007
squared_error = 0.019
samples = 49134
value = 0.656
Fire Danger Index <= 8.653
squared_error = 0.015
samples = 53722
value = 0.753
Population Density <= 806.975
squared_error = 0.004
samples = 62059
value = 0.898
Fire Danger <= 2.923
squared_error = 0.023
samples = 5942
value = 0.47
Keetch-Byram Drought Index <= 122.13
squared_error = 0.008
samples = 3305
value = 0.799
Energy Release Component <= 3.5
squared_error = 0.007
samples = 11323
value = 0.208
Monthly Precipitation <= 0.033
squared_error = 0.029
samples = 7962
value = 0.354
RH <= 92.079
squared_error = 0.018
samples = 232
value = 0.394
Fire Weather Index <= 0.842
squared_error = 0.006
samples = 1235
value = 0.232
Population Density <= 928.005
squared_error = 0.024
samples = 8459
value = 0.685
Low Vegetation Cover <= 0.832
squared_error = 0.02
samples = 1282
value = 0.373
Fire Danger <= 4.749
squared_error = 0.006
samples = 1928
value = 0.229
Keetch-Byram Drought Index <= 150.125
squared_error = 0.017
samples = 771
value = 0.52
Population Density <= 768.56
squared_error = 0.013
samples = 42213
value = 0.682
Days Since Precipitation <= 0.5
squared_error = 0.023
samples = 6921
value = 0.502
NDVI <= 0.654
squared_error = 0.021
samples = 17451
value = 0.676
Population Density <= 56.747
squared_error = 0.008
samples = 36271
value = 0.789
Temperature <= 288.295
squared_error = 0.002
samples = 52362
value = 0.912
NDVI <= 0.662
squared_error = 0.008
samples = 9697
value = 0.824
squared_error = 0.015
samples = 4019
value = 0.409
squared_error = 0.016
samples = 1923
value = 0.599
squared_error = 0.007
samples = 731
value = 0.7
squared_error = 0.004
samples = 2574
value = 0.827
squared_error = 0.005
samples = 10069
value = 0.195
squared_error = 0.01
samples = 1254
value = 0.315
squared_error = 0.025
samples = 2659
value = 0.494
squared_error = 0.016
samples = 5303
value = 0.284
squared_error = 0.014
samples = 89
value = 0.5
squared_error = 0.009
samples = 143
value = 0.328
squared_error = 0.003
samples = 787
value = 0.203
squared_error = 0.008
samples = 448
value = 0.284
squared_error = 0.014
samples = 7569
value = 0.716
squared_error = 0.026
samples = 890
value = 0.421
squared_error = 0.003
samples = 317
value = 0.236
squared_error = 0.017
samples = 965
value = 0.418
squared_error = 0.003
samples = 1609
value = 0.209
squared_error = 0.007
samples = 319
value = 0.312
squared_error = 0.01
samples = 605
value = 0.474
squared_error = 0.006
samples = 166
value = 0.686
squared_error = 0.011
samples = 38788
value = 0.692
squared_error = 0.017
samples = 3425
value = 0.56
squared_error = 0.018
samples = 3958
value = 0.438
squared_error = 0.018
samples = 2963
value = 0.587
squared_error = 0.015
samples = 9601
value = 0.607
squared_error = 0.016
samples = 7850
value = 0.761
squared_error = 0.007
samples = 7938
value = 0.71
squared_error = 0.006
samples = 28333
value = 0.812
squared_error = 0.014
samples = 287
value = 0.672
squared_error = 0.002
samples = 52075
value = 0.913
squared_error = 0.008
samples = 5263
value = 0.779
squared_error = 0.003
samples = 4434
value = 0.878

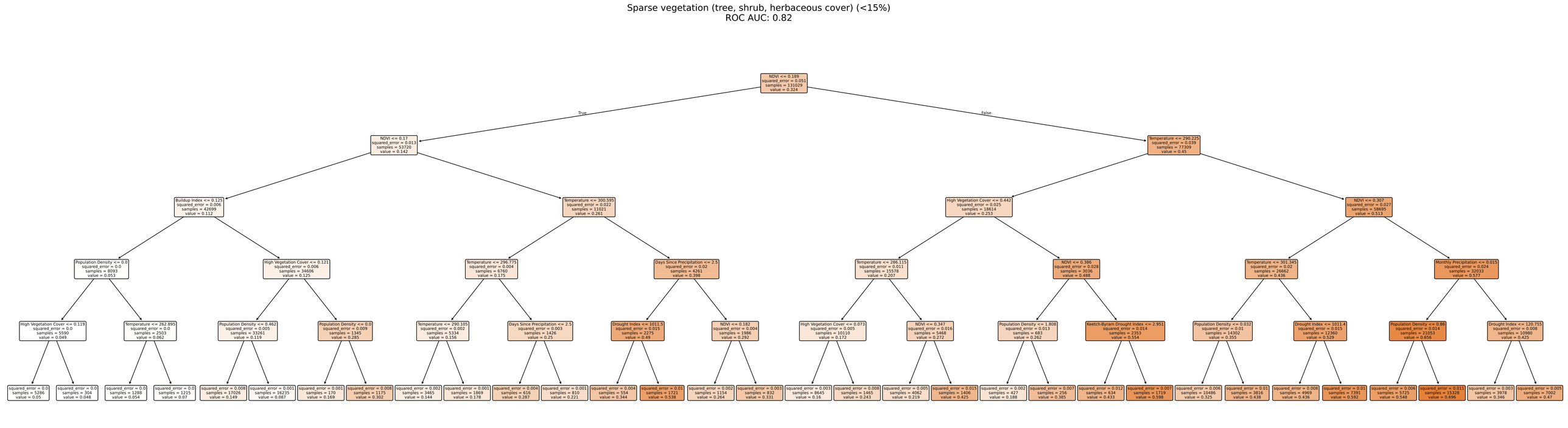

Tree cover, broadleaved, evergreen,closed to open (>15%)
ROC AUC: 0.86
Buildup Index <= 28.625
squared_error = 0.074
samples = 1402500
value = 0.407
True
False
NDVI <= 0.756
squared_error = 0.019
samples = 802375
value = 0.198
NDVI <= 0.796
squared_error = 0.027
samples = 690125
value = 0.65
Duff Moisture Code <= 6.875
squared_error = 0.025
samples = 221667
value = 0.34
Keetch-Byram Drought Index <= 9.736
squared_error = 0.006
samples = 580708
value = 0.144
Fire Weather Index <= 16.561
squared_error = 0.013
samples = 528928
value = 0.705
Fire Weather Index <= 19.811
squared_error = 0.032
samples = 161197
value = 0.471
Monthly Precipitation <= 0.027
squared_error = 0.014
samples = 129061
value = 0.259
Low Vegetation Cover <= 0.0
squared_error = 0.02
samples = 92606
value = 0.453
Low Vegetation Cover <= 0.0
squared_error = 0.003
samples = 483296
value = 0.124
Low Vegetation Cover <= 0.0
squared_error = 0.012
samples = 97412
value = 0.241
Low Vegetation Cover <= 0.0
squared_error = 0.017
samples = 177919
value = 0.611
Keetch-Byram Drought Index <= 102.185
squared_error = 0.005
samples = 351009
value = 0.752
NDVI <= 0.831
squared_error = 0.023
samples = 90970
value = 0.376
Keetch-Byram Drought Index <= 87.018
squared_error = 0.017
samples = 70227
value = 0.594
Low Vegetation Cover <= 0.0
squared_error = 0.015
samples = 26183
value = 0.377
Population Density <= 1.537
squared_error = 0.009
samples = 102878
value = 0.229
Buildup Index <= 21.625
squared_error = 0.012
samples = 33387
value = 0.326
Monthly Precipitation <= 0.027
squared_error = 0.01
samples = 59219
value = 0.525
NDVI <= 0.784
squared_error = 0.001
samples = 225332
value = 0.096
Buildup Index <= 6.875
squared_error = 0.003
samples = 257964
value = 0.149
Keetch-Byram Drought Index <= 20.893
squared_error = 0.004
samples = 45720
value = 0.172
NDVI <= 0.8
squared_error = 0.01
samples = 51692
value = 0.302
Population Density <= 20.255
squared_error = 0.02
samples = 56991
value = 0.493
NDVI <= 0.729
squared_error = 0.005
samples = 120928
value = 0.667
NDVI <= 0.729
squared_error = 0.004
samples = 259724
value = 0.732
NDVI <= 0.26
squared_error = 0.001
samples = 91285
value = 0.811
Keetch-Byram Drought Index <= 60.865
squared_error = 0.025
samples = 42596
value = 0.445
Keetch-Byram Drought Index <= 61.232
squared_error = 0.013
samples = 48374
value = 0.316
NDVI <= 0.831
squared_error = 0.015
samples = 45957
value = 0.549
NDVI <= 0.839
squared_error = 0.009
samples = 24270
value = 0.68
squared_error = 0.007
samples = 9088
value = 0.252
squared_error = 0.006
samples = 17095
value = 0.443
squared_error = 0.015
samples = 15675
value = 0.38
squared_error = 0.003
samples = 87203
value = 0.202
squared_error = 0.009
samples = 22763
value = 0.296
squared_error = 0.012
samples = 10624
value = 0.39
squared_error = 0.005
samples = 33568
value = 0.567
squared_error = 0.01
samples = 25651
value = 0.469
squared_error = 0.002
samples = 28432
value = 0.136
squared_error = 0.0
samples = 196900
value = 0.09
squared_error = 0.001
samples = 189413
value = 0.13
squared_error = 0.004
samples = 68551
value = 0.202
squared_error = 0.003
samples = 25359
value = 0.147
squared_error = 0.004
samples = 20361
value = 0.203
squared_error = 0.011
samples = 16970
value = 0.382
squared_error = 0.005
samples = 34722
value = 0.263
squared_error = 0.016
samples = 37144
value = 0.428
squared_error = 0.005
samples = 19847
value = 0.614
squared_error = 0.002
samples = 81048
value = 0.695
squared_error = 0.006
samples = 39880
value = 0.611
squared_error = 0.002
samples = 173886
value = 0.752
squared_error = 0.005
samples = 85838
value = 0.691
squared_error = 0.02
samples = 298
value = 0.476
squared_error = 0.001
samples = 90987
value = 0.812
squared_error = 0.02
samples = 33411
value = 0.401
squared_error = 0.011
samples = 9185
value = 0.604
squared_error = 0.009
samples = 35895
value = 0.287
squared_error = 0.017
samples = 12479
value = 0.398
squared_error = 0.011
samples = 26327
value = 0.605
squared_error = 0.011
samples = 19630
value = 0.473
squared_error = 0.003
samples = 14187
value = 0.736
squared_error = 0.006
samples = 10083
value = 0.602

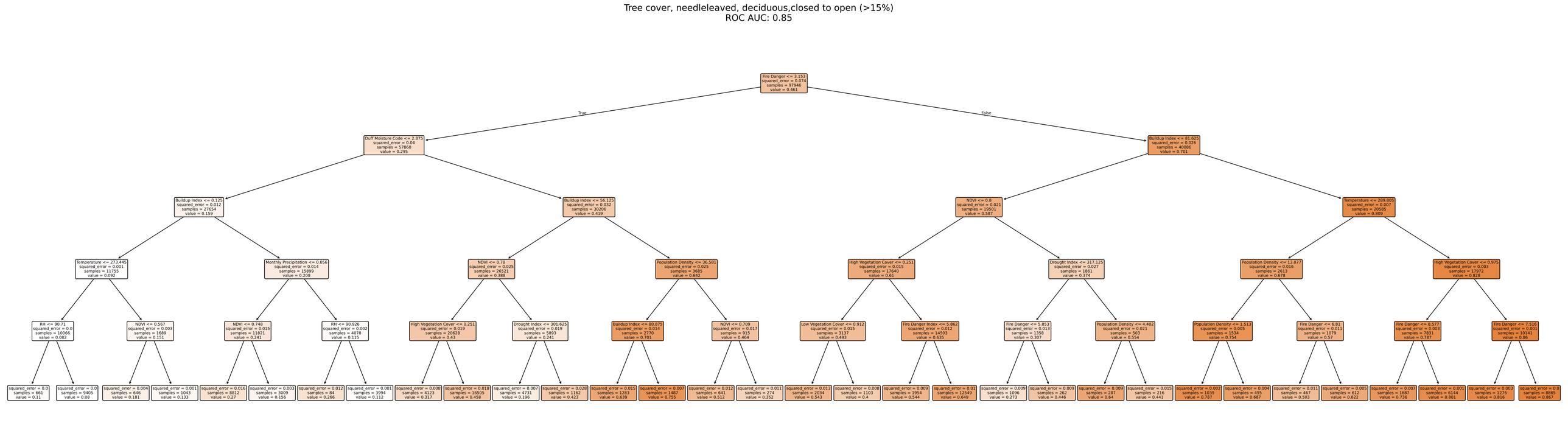

Cropland, rainfed
ROC AUC: 0.78
Monthly Precipitation <= 0.022
squared_error = 0.052
samples = 1350142
value = 0.491
True
False
NDVI <= 0.28
squared_error = 0.032
samples = 1055348
value = 0.57
Duff Moisture Code <= 11.875
squared_error = 0.017
samples = 274794
value = 0.19
Temperature <= 292.175
squared_error = 0.036
samples = 217999
value = 0.378
Buildup Index <= 42.125
squared_error = 0.019
samples = 837349
value = 0.62
Monthly Precipitation <= 0.032
squared_error = 0.005
samples = 205359
value = 0.139
NDVI <= 0.504
squared_error = 0.02
samples = 69435
value = 0.342
Duff Moisture Code <= 0.125
squared_error = 0.049
samples = 60623
value = 0.551
Precipitation <= 0.0
squared_error = 0.015
samples = 157376
value = 0.311
Days Since Precipitation <= 0.5
squared_error = 0.018
samples = 166167
value = 0.437
NDVI <= 0.406
squared_error = 0.009
samples = 671182
value = 0.665
Population Density <= 58.323
squared_error = 0.009
samples = 44844
value = 0.222
Duff Moisture Code <= 6.125
squared_error = 0.001
samples = 160515
value = 0.116
Precipitation <= 0.0
squared_error = 0.008
samples = 20082
value = 0.224
Population Density <= 56.694
squared_error = 0.017
samples = 49353
value = 0.39
Temperature <= 272.885
squared_error = 0.013
samples = 10615
value = 0.24
NDVI <= -0.055
squared_error = 0.031
samples = 50008
value = 0.617
NDVI <= 0.241
squared_error = 0.011
samples = 107313
value = 0.353
Keetch-Byram Drought Index <= 135.605
squared_error = 0.01
samples = 50063
value = 0.219
Duff Moisture Code <= 0.125
squared_error = 0.015
samples = 122160
value = 0.394
Duff Moisture Code <= 0.625
squared_error = 0.007
samples = 44007
value = 0.557
Keetch-Byram Drought Index <= 141.915
squared_error = 0.011
samples = 178586
value = 0.61
Drought Index <= 329.66
squared_error = 0.006
samples = 492596
value = 0.685
Precipitation <= 0.0
squared_error = 0.01
samples = 17231
value = 0.286
Precipitation <= 0.0
squared_error = 0.004
samples = 27613
value = 0.183
Monthly Precipitation <= 0.037
squared_error = 0.0
samples = 126354
value = 0.102
Population Density <= 53.487
squared_error = 0.003
samples = 34161
value = 0.165
Monthly Precipitation <= 0.028
squared_error = 0.011
samples = 5472
value = 0.297
Temperature <= 295.515
squared_error = 0.005
samples = 14610
value = 0.197
Monthly Precipitation <= 0.036
squared_error = 0.011
samples = 19874
value = 0.489
Monthly Precipitation <= 0.03
squared_error = 0.009
samples = 29479
value = 0.324
squared_error = 0.004
samples = 7649
value = 0.187
squared_error = 0.009
samples = 2966
value = 0.377
squared_error = 0.017
samples = 5967
value = 0.299
squared_error = 0.018
samples = 44041
value = 0.66
squared_error = 0.003
samples = 57336
value = 0.291
squared_error = 0.011
samples = 49977
value = 0.424
squared_error = 0.014
samples = 21766
value = 0.279
squared_error = 0.002
samples = 28297
value = 0.173
squared_error = 0.004
samples = 11084
value = 0.193
squared_error = 0.012
samples = 111076
value = 0.414
squared_error = 0.012
samples = 1466
value = 0.329
squared_error = 0.005
samples = 42541
value = 0.565
squared_error = 0.008
samples = 163598
value = 0.625
squared_error = 0.024
samples = 14988
value = 0.45
squared_error = 0.009
samples = 103960
value = 0.623
squared_error = 0.004
samples = 388636
value = 0.701
squared_error = 0.009
samples = 3343
value = 0.376
squared_error = 0.007
samples = 13888
value = 0.264
squared_error = 0.006
samples = 2967
value = 0.285
squared_error = 0.002
samples = 24646
value = 0.171
squared_error = 0.001
samples = 13466
value = 0.131
squared_error = 0.0
samples = 112888
value = 0.099
squared_error = 0.005
samples = 9444
value = 0.211
squared_error = 0.001
samples = 24717
value = 0.147
squared_error = 0.012
samples = 2790
value = 0.354
squared_error = 0.003
samples = 2682
value = 0.238
squared_error = 0.008
samples = 2527
value = 0.259
squared_error = 0.003
samples = 12083
value = 0.184
squared_error = 0.007
samples = 16072
value = 0.523
squared_error = 0.006
samples = 3802
value = 0.348
squared_error = 0.007
samples = 13700
value = 0.382
squared_error = 0.005
samples = 15779
value = 0.273

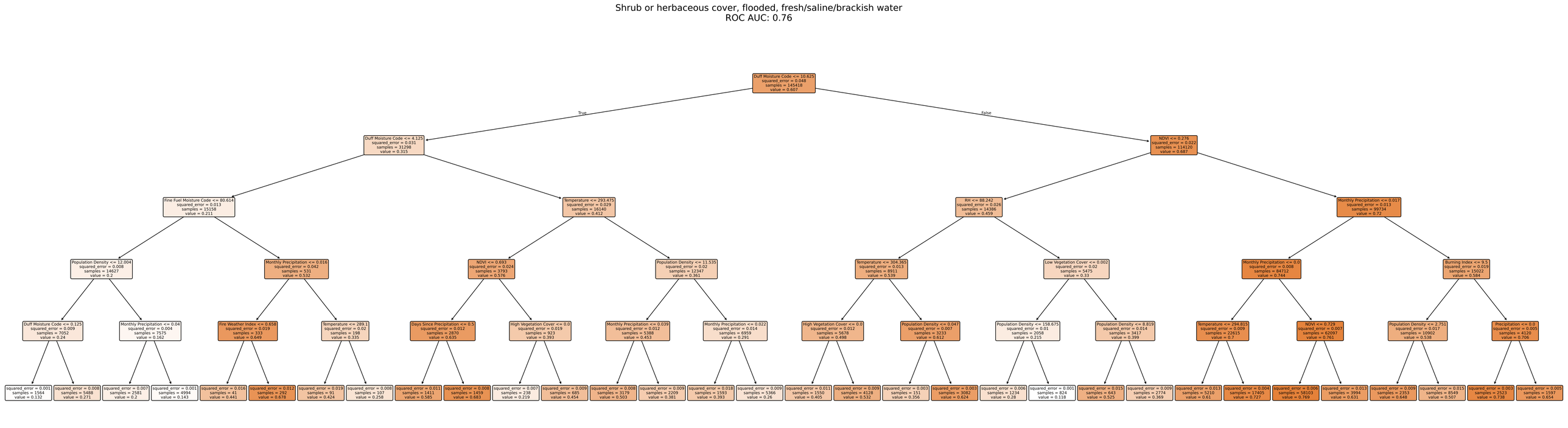

Tree cover, broadleaved, deciduous, closed to open (>15%)
ROC AUC: 0.81
Monthly Precipitation <= 0.014
squared_error = 0.068
samples = 1142581
value = 0.576
True
False
Fire Weather Index <= 28.576
squared_error = 0.017
samples = 843056
value = 0.71
Fire Weather Index <= 7.83
squared_error = 0.021
samples = 299525
value = 0.201
NDVI <= 0.744
squared_error = 0.034
samples = 182317
value = 0.591
Keetch-Byram Drought Index <= 101.565
squared_error = 0.007
samples = 660739
value = 0.743
Temperature <= 291.015
squared_error = 0.008
samples = 244376
value = 0.153
Duff Moisture Code <= 33.375
squared_error = 0.024
samples = 55149
value = 0.411
Keetch-Byram Drought Index <= 101.555
squared_error = 0.027
samples = 147086
value = 0.635
High Vegetation Cover <= 0.203
squared_error = 0.017
samples = 35231
value = 0.406
NDVI <= 0.705
squared_error = 0.005
samples = 576024
value = 0.761
Low Vegetation Cover <= 0.084
squared_error = 0.007
samples = 84715
value = 0.616
RH <= 90.348
squared_error = 0.019
samples = 20670
value = 0.322
Duff Moisture Code <= 8.375
squared_error = 0.004
samples = 223706
value = 0.138
NDVI <= 0.748
squared_error = 0.019
samples = 31716
value = 0.346
NDVI <= 0.752
squared_error = 0.017
samples = 23433
value = 0.5
NDVI <= 0.323
squared_error = 0.023
samples = 122661
value = 0.669
Monthly Precipitation <= 0.006
squared_error = 0.017
samples = 24425
value = 0.464
Fire Danger <= 6.628
squared_error = 0.006
samples = 7873
value = 0.256
Temperature <= 297.325
squared_error = 0.012
samples = 27358
value = 0.449
Keetch-Byram Drought Index <= 93.764
squared_error = 0.002
samples = 504678
value = 0.776
Temperature <= 295.025
squared_error = 0.013
samples = 71346
value = 0.656
Monthly Precipitation <= 0.0
squared_error = 0.006
samples = 31874
value = 0.562
Monthly Precipitation <= 0.006
squared_error = 0.005
samples = 52841
value = 0.649
NDVI <= 0.398
squared_error = 0.022
samples = 3995
value = 0.491
Monthly Precipitation <= 0.018
squared_error = 0.01
samples = 16675
value = 0.281
Monthly Precipitation <= 0.044
squared_error = 0.002
samples = 179034
value = 0.119
Temperature <= 297.345
squared_error = 0.006
samples = 44672
value = 0.212
Drought Index <= 365.35
squared_error = 0.021
samples = 19209
value = 0.401
Duff Moisture Code <= 21.375
squared_error = 0.004
samples = 12507
value = 0.26
Drought Index <= 439.225
squared_error = 0.015
samples = 16459
value = 0.54
Duff Moisture Code <= 45.875
squared_error = 0.008
samples = 6974
value = 0.406
squared_error = 0.022
samples = 22243
value = 0.812
squared_error = 0.017
samples = 100418
value = 0.637
squared_error = 0.01
samples = 13829
value = 0.546
squared_error = 0.008
samples = 10596
value = 0.358
squared_error = 0.003
samples = 7064
value = 0.241
squared_error = 0.01
samples = 809
value = 0.384
squared_error = 0.007
samples = 19912
value = 0.41
squared_error = 0.012
samples = 7446
value = 0.554
squared_error = 0.001
samples = 460375
value = 0.781
squared_error = 0.003
samples = 44303
value = 0.727
squared_error = 0.008
samples = 27284
value = 0.579
squared_error = 0.01
samples = 44062
value = 0.703
squared_error = 0.003
samples = 14075
value = 0.6
squared_error = 0.006
samples = 17799
value = 0.532
squared_error = 0.004
samples = 48630
value = 0.659
squared_error = 0.006
samples = 4211
value = 0.533
squared_error = 0.019
samples = 1470
value = 0.622
squared_error = 0.007
samples = 2525
value = 0.414
squared_error = 0.02
samples = 3904
value = 0.369
squared_error = 0.004
samples = 12771
value = 0.255
squared_error = 0.003
samples = 58864
value = 0.154
squared_error = 0.0
samples = 120170
value = 0.102
squared_error = 0.003
samples = 27909
value = 0.188
squared_error = 0.009
samples = 16763
value = 0.251
squared_error = 0.019
samples = 14271
value = 0.447
squared_error = 0.004
samples = 4938
value = 0.27
squared_error = 0.003
samples = 6268
value = 0.229
squared_error = 0.004
samples = 6239
value = 0.291
squared_error = 0.01
samples = 12383
value = 0.584
squared_error = 0.007
samples = 4076
value = 0.404
squared_error = 0.004
samples = 3654
value = 0.349
squared_error = 0.005
samples = 3320
value = 0.47

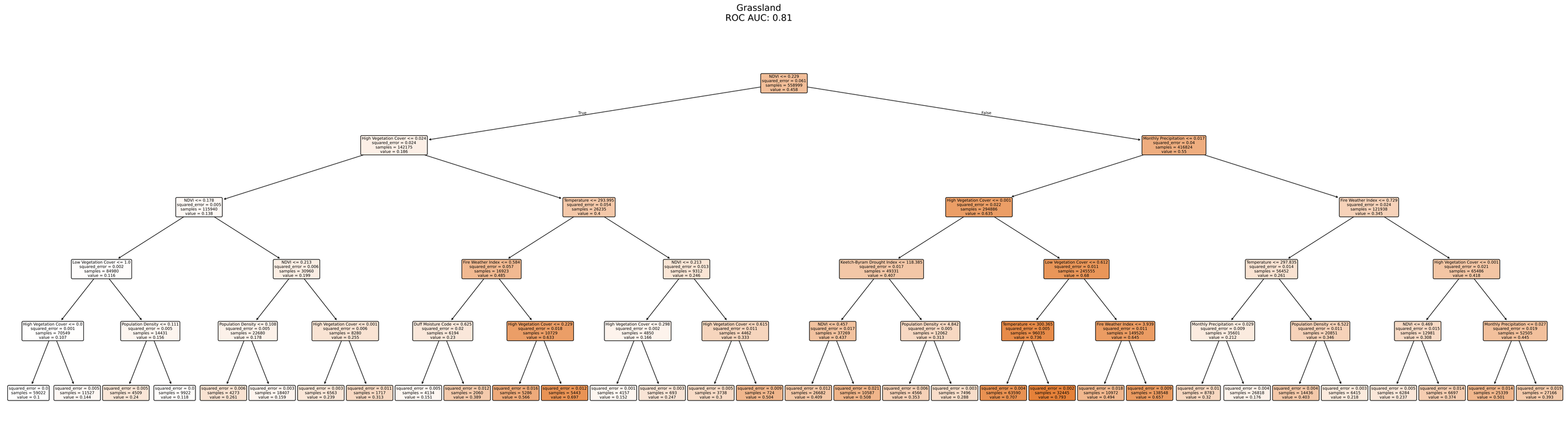
Tree cover, broadleaved, deciduous, open (15-40%)
ROC AUC: 0.78

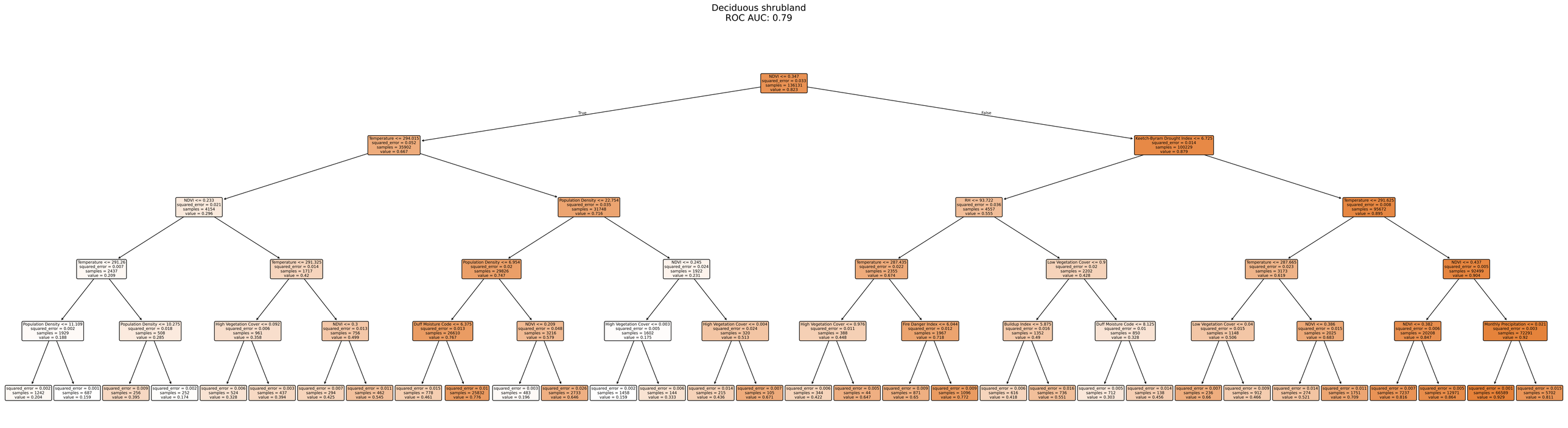



Sparse vegetation (tree, shrub, herbaceous cover) (<15%)
ROC AUC: 0.82
NDVI <= 0.189
squared_error = 0.051
samples = 131029
value = 0.324
True
False
NDVI <= 0.17
squared_error = 0.013
samples = 53720
value = 0.142
Temperature <= 290.225
squared_error = 0.039
samples = 77309
value = 0.45
Buildup Index <= 0.125
squared_error = 0.006
samples = 42699
value = 0.112
Temperature <= 300.595
squared_error = 0.022
samples = 11021
value = 0.261
High Vegetation Cover <= 0.442
squared_error = 0.025
samples = 18614
value = 0.253
NDVI <= 0.307
squared_error = 0.027
samples = 58695
value = 0.513
Population Density <= 0.0
squared_error = 0.0
samples = 8093
value = 0.053
High Vegetation Cover <= 0.121
squared_error = 0.006
samples = 34606
value = 0.125
Temperature <= 296.775
squared_error = 0.004
samples = 6760
value = 0.175
Days Since Precipitation <= 2.5
squared_error = 0.02
samples = 4261
value = 0.398
Temperature <= 286.115
squared_error = 0.011
samples = 15578
value = 0.207
NDVI <= 0.386
squared_error = 0.028
samples = 3036
value = 0.488
Temperature <= 301.345
squared_error = 0.02
samples = 26662
value = 0.436
Monthly Precipitation <= 0.015
squared_error = 0.024
samples = 32033
value = 0.577
High Vegetation Cover <= 0.119
squared_error = 0.0
samples = 5590
value = 0.049
Temperature <= 262.895
squared_error = 0.0
samples = 2503
value = 0.062
Population Density <= 0.462
squared_error = 0.005
samples = 33261
value = 0.119
Population Density <= 0.0
squared_error = 0.009
samples = 1345
value = 0.285
Temperature <= 290.105
squared_error = 0.002
samples = 5334
value = 0.156
Days Since Precipitation <= 2.5
squared_error = 0.003
samples = 1426
value = 0.25
Drought Index <= 1011.5
squared_error = 0.015
samples = 2275
value = 0.49
NDVI <= 0.182
squared_error = 0.004
samples = 1986
value = 0.292
High Vegetation Cover <= 0.073
squared_error = 0.005
samples = 10110
value = 0.172
NDVI <= 0.347
squared_error = 0.016
samples = 5468
value = 0.272
Population Density <= 1.808
squared_error = 0.013
samples = 683
value = 0.262
Keetch-Byram Drought Index <= 2.951
squared_error = 0.014
samples = 2353
value = 0.554
Population Density <= 0.032
squared_error = 0.01
samples = 14302
value = 0.355
Drought Index <= 1011.4
squared_error = 0.015
samples = 12360
value = 0.529
Population Density <= 0.836
squared_error = 0.014
samples = 21053
value = 0.656
Drought Index <= 120.755
squared_error = 0.008
samples = 10980
value = 0.425
squared_error = 0.0
samples = 5286
value = 0.05
squared_error = 0.0
samples = 304
value = 0.048
squared_error = 0.0
samples = 1288
value = 0.054
squared_error = 0.0
samples = 1215
value = 0.07
squared_error = 0.008
samples = 17026
value = 0.149
squared_error = 0.001
samples = 16235
value = 0.087
squared_error = 0.001
samples = 170
value = 0.169
squared_error = 0.008
samples = 1175
value = 0.302
squared_error = 0.002
samples = 3465
value = 0.144
squared_error = 0.001
samples = 1869
value = 0.178
squared_error = 0.004
samples = 616
value = 0.287
squared_error = 0.001
samples = 810
value = 0.221
squared_error = 0.004
samples = 554
value = 0.344
squared_error = 0.01
samples = 1721
value = 0.538
squared_error = 0.002
samples = 1154
value = 0.264
squared_error = 0.003
samples = 832
value = 0.331
squared_error = 0.003
samples = 8645
value = 0.16
squared_error = 0.008
samples = 1465
value = 0.243
squared_error = 0.005
samples = 4062
value = 0.219
squared_error = 0.015
samples = 1406
value = 0.425
squared_error = 0.002
samples = 427
value = 0.188
squared_error = 0.007
samples = 256
value = 0.385
squared_error = 0.012
samples = 634
value = 0.433
squared_error = 0.007
samples = 1719
value = 0.598
squared_error = 0.006
samples = 10486
value = 0.325
squared_error = 0.01
samples = 3816
value = 0.438
squared_error = 0.008
samples = 4969
value = 0.436
squared_error = 0.01
samples = 7391
value = 0.592
squared_error = 0.006
samples = 5725
value = 0.548
squared_error = 0.011
samples = 15328
value = 0.696
squared_error = 0.003
samples = 3978
value = 0.346
squared_error = 0.005
samples = 7002
value = 0.47

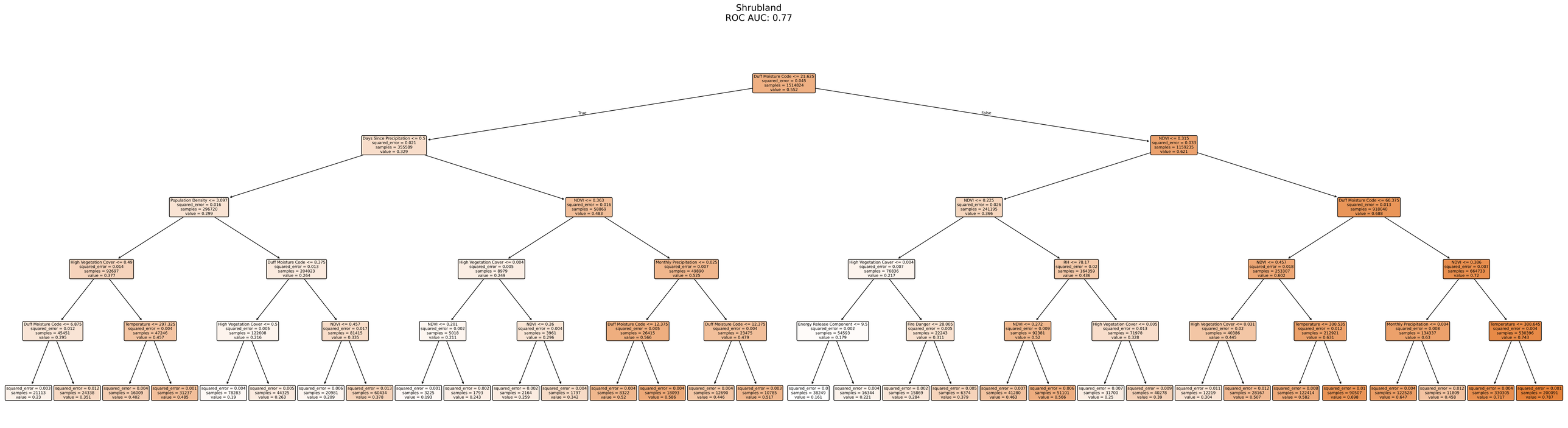

Tree cover, needleleaved, deciduous,closed to open (>15%)
ROC AUC: 0.85
Fire Danger <= 3.153
squared_error = 0.074
samples = 97946
value = 0.461
True
False
Duff Moisture Code <= 2.875
squared_error = 0.04
samples = 57860
value = 0.295
Buildup Index <= 81.625
squared_error = 0.026
samples = 40086
value = 0.701
Buildup Index <= 0.125
squared_error = 0.012
samples = 27654
value = 0.159
Buildup Index <= 56.125
squared_error = 0.032
samples = 30206
value = 0.419
NDVI <= 0.8
squared_error = 0.021
samples = 19501
value = 0.587
Temperature <= 289.805
squared_error = 0.007
samples = 20585
value = 0.809
Temperature <= 273.445
squared_error = 0.001
samples = 11755
value = 0.092
Monthly Precipitation <= 0.056
squared_error = 0.014
samples = 15899
value = 0.208
NDVI <= 0.78
squared_error = 0.025
samples = 26521
value = 0.388
Population Density <= 36.581
squared_error = 0.025
samples = 3685
value = 0.642
High Vegetation Cover <= 0.251
squared_error = 0.015
samples = 17640
value = 0.61
Drought Index <= 317.125
squared_error = 0.027
samples = 1861
value = 0.374
Population Density <= 13.077
squared_error = 0.016
samples = 2613
value = 0.678
High Vegetation Cover <= 0.975
squared_error = 0.003
samples = 17972
value = 0.828
RH <= 90.71
squared_error = 0.0
samples = 10066
value = 0.082
NDVI <= 0.567
squared_error = 0.003
samples = 1689
value = 0.151
NDVI <= 0.748
squared_error = 0.015
samples = 11821
value = 0.241
RH <= 90.926
squared_error = 0.002
samples = 4078
value = 0.115
High Vegetation Cover <= 0.251
squared_error = 0.019
samples = 20628
value = 0.43
Drought Index <= 301.625
squared_error = 0.019
samples = 5893
value = 0.241
Buildup Index <= 80.875
squared_error = 0.014
samples = 2770
value = 0.701
NDVI <= 0.709
squared_error = 0.017
samples = 915
value = 0.464
Low Vegetation Cover <= 0.912
squared_error = 0.015
samples = 3137
value = 0.493
Fire Danger Index <= 5.862
squared_error = 0.012
samples = 14503
value = 0.635
Fire Danger <= 5.853
squared_error = 0.013
samples = 1358
value = 0.307
Population Density <= 4.402
squared_error = 0.021
samples = 503
value = 0.554
Population Density <= 1.513
squared_error = 0.005
samples = 1534
value = 0.754
Fire Danger <= 6.81
squared_error = 0.011
samples = 1079
value = 0.57
Fire Danger <= 8.577
squared_error = 0.003
samples = 7831
value = 0.787
Fire Danger <= 7.516
squared_error = 0.001
samples = 10141
value = 0.86
squared_error = 0.0
samples = 661
value = 0.11
squared_error = 0.0
samples = 9405
value = 0.08
squared_error = 0.004
samples = 646
value = 0.181
squared_error = 0.001
samples = 1043
value = 0.133
squared_error = 0.016
samples = 8812
value = 0.27
squared_error = 0.003
samples = 3009
value = 0.156
squared_error = 0.012
samples = 84
value = 0.266
squared_error = 0.001
samples = 3994
value = 0.112
squared_error = 0.008
samples = 4123
value = 0.317
squared_error = 0.018
samples = 16505
value = 0.458
squared_error = 0.007
samples = 4731
value = 0.196
squared_error = 0.028
samples = 1162
value = 0.423
squared_error = 0.015
samples = 1283
value = 0.639
squared_error = 0.007
samples = 1487
value = 0.755
squared_error = 0.012
samples = 641
value = 0.512
squared_error = 0.011
samples = 274
value = 0.352
squared_error = 0.013
samples = 2034
value = 0.543
squared_error = 0.008
samples = 1103
value = 0.4
squared_error = 0.009
samples = 1954
value = 0.544
squared_error = 0.01
samples = 12549
value = 0.649
squared_error = 0.009
samples = 1096
value = 0.273
squared_error = 0.009
samples = 262
value = 0.446
squared_error = 0.009
samples = 287
value = 0.64
squared_error = 0.015
samples = 216
value = 0.441
squared_error = 0.002
samples = 1039
value = 0.787
squared_error = 0.004
samples = 495
value = 0.687
squared_error = 0.011
samples = 467
value = 0.503
squared_error = 0.005
samples = 612
value = 0.622
squared_error = 0.007
samples = 1687
value = 0.736
squared_error = 0.001
samples = 6144
value = 0.801
squared_error = 0.003
samples = 1276
value = 0.816
squared_error = 0.0
samples = 8865
value = 0.867


Shrub or herbaceous cover, flooded, fresh/saline/brackish water
ROC AUC: 0.76
Duff Moisture Code <= 10.625
squared_error = 0.048
samples = 145416
value = 0.607
True
False
Duff Moisture Code <= 4.125
squared_error = 0.031
samples = 31298
value = 0.315
NDVI <= 0.276
squared_error = 0.022
samples = 114120
value = 0.687
Fine Fuel Moisture Code <= 80.614
squared_error = 0.013
samples = 15158
value = 0.211
Temperature <= 293.475
squared_error = 0.029
samples = 16140
value = 0.412
RH <= 88.242
squared_error = 0.026
samples = 14386
value = 0.459
Monthly Precipitation <= 0.017
squared_error = 0.013
samples = 99734
value = 0.72
Population Density <= 12.004
squared_error = 0.008
samples = 14627
value = 0.2
Monthly Precipitation <= 0.016
squared_error = 0.042
samples = 531
value = 0.532
NDVI <= 0.693
squared_error = 0.024
samples = 3793
value = 0.576
Population Density <= 11.535
squared_error = 0.02
samples = 12347
value = 0.361
Temperature <= 304.365
squared_error = 0.013
samples = 8911
value = 0.539
Low Vegetation Cover <= 0.002
squared_error = 0.02
samples = 5475
value = 0.33
Monthly Precipitation <= 0.0
squared_error = 0.008
samples = 84712
value = 0.744
Burning Index <= 9.5
squared_error = 0.019
samples = 15022
value = 0.584
Duff Moisture Code <= 0.125
squared_error = 0.009
samples = 7052
value = 0.24
Monthly Precipitation <= 0.04
squared_error = 0.004
samples = 7575
value = 0.162
Fire Weather Index <= 0.658
squared_error = 0.019
samples = 333
value = 0.649
Temperature <= 289.1
squared_error = 0.02
samples = 198
value = 0.335
Days Since Precipitation <= 0.5
squared_error = 0.012
samples = 2870
value = 0.635
High Vegetation Cover <= 0.0
squared_error = 0.019
samples = 923
value = 0.393
Monthly Precipitation <= 0.039
squared_error = 0.012
samples = 5388
value = 0.453
Monthly Precipitation <= 0.022
squared_error = 0.014
samples = 6959
value = 0.291
High Vegetation Cover <= 0.0
squared_error = 0.011
samples = 5678
value = 0.498
Population Density <= 0.047
squared_error = 0.007
samples = 3233
value = 0.612
Population Density <= 158.675
squared_error = 0.01
samples = 2058
value = 0.215
Population Density <= 8.819
squared_error = 0.014
samples = 3417
value = 0.399
Temperature <= 294.815
squared_error = 0.009
samples = 22615
value = 0.7
NDVI <= 0.729
squared_error = 0.007
samples = 62097
value = 0.761
Population Density <= 2.751
squared_error = 0.017
samples = 10902
value = 0.538
Precipitation <= 0.0
squared_error = 0.005
samples = 4120
value = 0.706
squared_error = 0.001
samples = 1564
value = 0.132
squared_error = 0.008
samples = 5488
value = 0.271
squared_error = 0.007
samples = 2581
value = 0.2
squared_error = 0.001
samples = 4994
value = 0.143
squared_error = 0.016
samples = 41
value = 0.441
squared_error = 0.012
samples = 292
value = 0.678
squared_error = 0.019
samples = 91
value = 0.424
squared_error = 0.008
samples = 107
value = 0.258
squared_error = 0.011
samples = 1411
value = 0.585
squared_error = 0.006
samples = 1459
value = 0.683
squared_error = 0.007
samples = 238
value = 0.219
squared_error = 0.009
samples = 685
value = 0.454
squared_error = 0.008
samples = 3179
value = 0.503
squared_error = 0.009
samples = 2209
value = 0.381
squared_error = 0.018
samples = 1593
value = 0.393
squared_error = 0.009
samples = 5366
value = 0.26
squared_error = 0.011
samples = 1550
value = 0.405
squared_error = 0.009
samples = 4128
value = 0.532
squared_error = 0.003
samples = 151
value = 0.356
squared_error = 0.003
samples = 3082
value = 0.624
squared_error = 0.006
samples = 1234
value = 0.28
squared_error = 0.001
samples = 824
value = 0.118
squared_error = 0.015
samples = 643
value = 0.525
squared_error = 0.009
samples = 2774
value = 0.369
squared_error = 0.013
samples = 5210
value = 0.61
squared_error = 0.004
samples = 17405
value = 0.727
squared_error = 0.006
samples = 58103
value = 0.769
squared_error = 0.013
samples = 3994
value = 0.631
squared_error = 0.009
samples = 2353
value = 0.648
squared_error = 0.015
samples = 8549
value = 0.507
squared_error = 0.003
samples = 2523
value = 0.738
squared_error = 0.005
samples = 1597
value = 0.654

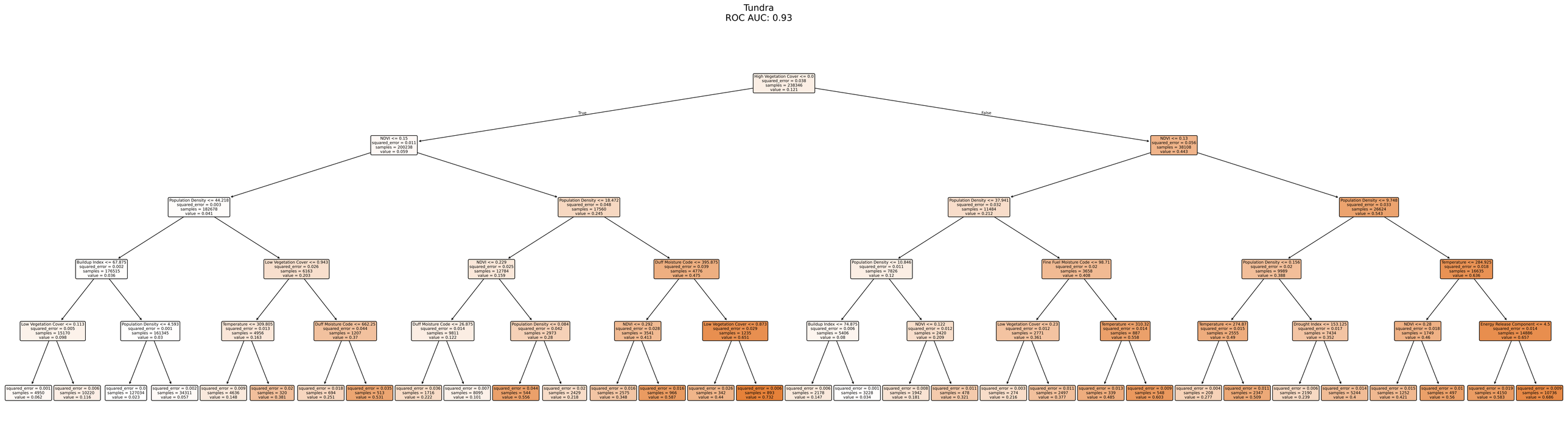

Grassland
ROC AUC: 0.81
NDVI <= 0.229
squared_error = 0.061
samples = 559999
value = 0.458
True
False
High Vegetation Cover <= 0.024
squared_error = 0.024
samples = 142175
value = 0.186
Monthly Precipitation <= 0.017
squared_error = 0.04
samples = 416824
value = 0.55
NDVI <= 0.178
squared_error = 0.005
samples = 115940
value = 0.138
Temperature <= 293.995
squared_error = 0.054
samples = 26235
value = 0.4
High Vegetation Cover <= 0.001
squared_error = 0.022
samples = 294886
value = 0.635
Fire Weather Index <= 0.729
squared_error = 0.024
samples = 121938
value = 0.345
Low Vegetation Cover <= 1.0
squared_error = 0.002
samples = 84980
value = 0.116
NDVI <= 0.213
squared_error = 0.006
samples = 30960
value = 0.199
Fire Weather Index <= 0.584
squared_error = 0.057
samples = 16923
value = 0.485
NDVI <= 0.213
squared_error = 0.013
samples = 9312
value = 0.246
Keetch-Byram Drought Index <= 118.385
squared_error = 0.017
samples = 49331
value = 0.407
Low Vegetation Cover <= 0.612
squared_error = 0.011
samples = 245555
value = 0.68
Temperature <= 297.835
squared_error = 0.014
samples = 56452
value = 0.261
High Vegetation Cover <= 0.001
squared_error = 0.021
samples = 64986
value = 0.418
High Vegetation Cover <= 0.0
squared_error = 0.001
samples = 70549
value = 0.107
Population Density <= 0.111
squared_error = 0.005
samples = 14431
value = 0.156
Population Density <= 0.108
squared_error = 0.005
samples = 22680
value = 0.178
High Vegetation Cover <= 0.001
squared_error = 0.006
samples = 8280
value = 0.255
Duff Moisture Code <= 0.625
squared_error = 0.02
samples = 6194
value = 0.23
High Vegetation Cover <= 0.229
squared_error = 0.018
samples = 10729
value = 0.633
High Vegetation Cover <= 0.298
squared_error = 0.002
samples = 4850
value = 0.166
High Vegetation Cover <= 0.615
squared_error = 0.011
samples = 4462
value = 0.333
NDVI <= 0.457
squared_error = 0.017
samples = 37269
value = 0.437
Population Density <= 4.842
squared_error = 0.005
samples = 12062
value = 0.313
Temperature <= 306.365
squared_error = 0.005
samples = 96035
value = 0.736
Fire Weather Index <= 3.939
squared_error = 0.011
samples = 149520
value = 0.645
Monthly Precipitation <= 0.029
squared_error = 0.009
samples = 35601
value = 0.212
Population Density <= 6.522
squared_error = 0.011
samples = 20851
value = 0.346
NDVI <= 0.469
squared_error = 0.015
samples = 12981
value = 0.308
Monthly Precipitation <= 0.027
squared_error = 0.019
samples = 52505
value = 0.445
squared_error = 0.0
samples = 59022
value = 0.1
squared_error = 0.005
samples = 11527
value = 0.144
squared_error = 0.005
samples = 4509
value = 0.24
squared_error = 0.0
samples = 9922
value = 0.118
squared_error = 0.006
samples = 4273
value = 0.261
squared_error = 0.003
samples = 18407
value = 0.159
squared_error = 0.003
samples = 6563
value = 0.239
squared_error = 0.011
samples = 1717
value = 0.313
squared_error = 0.005
samples = 4134
value = 0.151
squared_error = 0.012
samples = 2060
value = 0.389
squared_error = 0.016
samples = 5286
value = 0.566
squared_error = 0.012
samples = 5443
value = 0.697
squared_error = 0.001
samples = 4157
value = 0.152
squared_error = 0.003
samples = 693
value = 0.247
squared_error = 0.005
samples = 3738
value = 0.3
squared_error = 0.009
samples = 724
value = 0.504
squared_error = 0.012
samples = 26682
value = 0.409
squared_error = 0.021
samples = 10587
value = 0.508
squared_error = 0.006
samples = 4566
value = 0.353
squared_error = 0.003
samples = 7496
value = 0.288
squared_error = 0.004
samples = 63590
value = 0.707
squared_error = 0.002
samples = 32445
value = 0.793
squared_error = 0.018
samples = 10972
value = 0.494
squared_error = 0.009
samples = 138548
value = 0.657
squared_error = 0.01
samples = 8783
value = 0.32
squared_error = 0.004
samples = 26818
value = 0.176
squared_error = 0.004
samples = 14436
value = 0.403
squared_error = 0.003
samples = 6415
value = 0.218
squared_error = 0.005
samples = 6284
value = 0.237
squared_error = 0.014
samples = 6697
value = 0.374
squared_error = 0.014
samples = 25339
value = 0.501
squared_error = 0.019
samples = 27166
value = 0.393

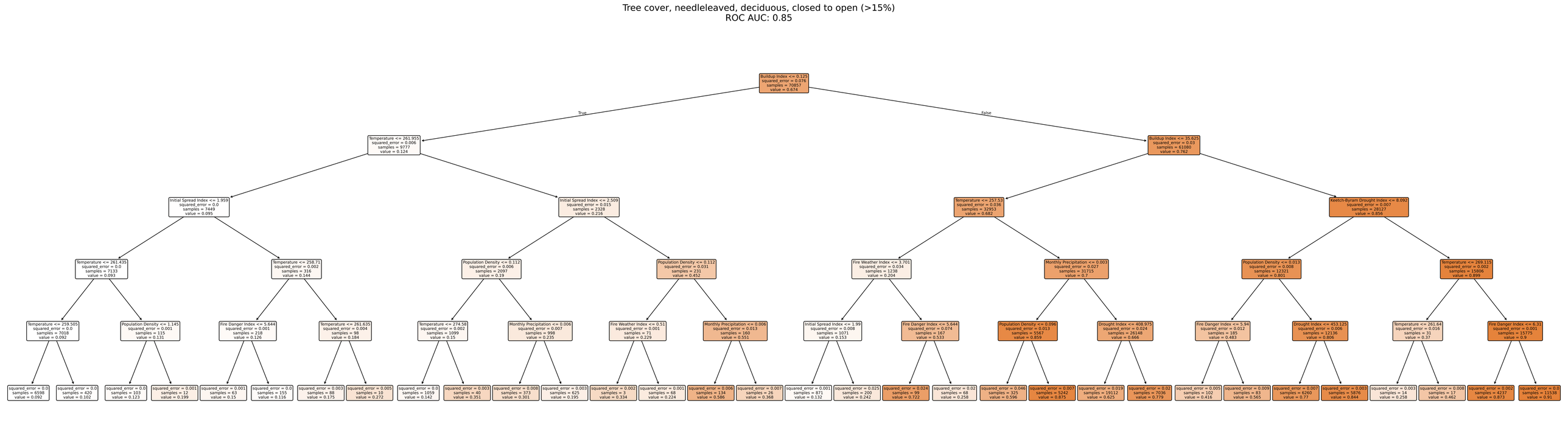

Deciduous shrubland
ROC AUC: 0.79
NDVI <= 0.347
squared_error = 0.033
samples = 136131
value = 0.823
True
False
Temperature <= 294.015
squared_error = 0.052
samples = 35902
value = 0.667
Keetch-Byram Drought Index <= 6.725
squared_error = 0.014
samples = 100229
value = 0.879
NDVI <= 0.233
squared_error = 0.021
samples = 4154
value = 0.296
Population Density <= 22.754
squared_error = 0.035
samples = 31748
value = 0.716
RH <= 93.722
squared_error = 0.036
samples = 4557
value = 0.555
Temperature <= 291.625
squared_error = 0.008
samples = 95672
value = 0.895
Temperature <= 291.26
squared_error = 0.007
samples = 2437
value = 0.209
Temperature <= 291.325
squared_error = 0.014
samples = 1717
value = 0.42
Population Density <= 6.954
squared_error = 0.02
samples = 29826
value = 0.747
NDVI <= 0.245
squared_error = 0.024
samples = 1922
value = 0.231
Temperature <= 287.435
squared_error = 0.022
samples = 2355
value = 0.674
Low Vegetation Cover <= 0.9
squared_error = 0.02
samples = 2202
value = 0.428
Temperature <= 287.665
squared_error = 0.023
samples = 3173
value = 0.619
NDVI <= 0.437
squared_error = 0.005
samples = 92499
value = 0.904
Population Density <= 11.109
squared_error = 0.002
samples = 1929
value = 0.188
Population Density <= 10.275
squared_error = 0.018
samples = 508
value = 0.285
High Vegetation Cover <= 0.092
squared_error = 0.006
samples = 961
value = 0.358
NDVI <= 0.3
squared_error = 0.013
samples = 756
value = 0.499
Duff Moisture Code <= 6.375
squared_error = 0.013
samples = 26610
value = 0.767
NDVI <= 0.209
squared_error = 0.048
samples = 3216
value = 0.579
High Vegetation Cover <= 0.003
squared_error = 0.005
samples = 1602
value = 0.175
High Vegetation Cover <= 0.004
squared_error = 0.024
samples = 320
value = 0.513
High Vegetation Cover <= 0.976
squared_error = 0.011
samples = 388
value = 0.448
Fire Danger Index <= 6.044
squared_error = 0.012
samples = 1967
value = 0.718
Buildup Index <= 5.873
squared_error = 0.016
samples = 1352
value = 0.49
Duff Moisture Code <= 8.125
squared_error = 0.01
samples = 850
value = 0.328
Low Vegetation Cover <= 0.04
squared_error = 0.015
samples = 1148
value = 0.506
NDVI <= 0.386
squared_error = 0.015
samples = 2025
value = 0.683
NDVI <= 0.382
squared_error = 0.006
samples = 20208
value = 0.847
Monthly Precipitation <= 0.021
squared_error = 0.003
samples = 72291
value = 0.92
squared_error = 0.002
samples = 1242
value = 0.204
squared_error = 0.001
samples = 687
value = 0.159
squared_error = 0.009
samples = 256
value = 0.395
squared_error = 0.002
samples = 252
value = 0.174
squared_error = 0.006
samples = 524
value = 0.328
squared_error = 0.003
samples = 437
value = 0.394
squared_error = 0.007
samples = 294
value = 0.425
squared_error = 0.011
samples = 462
value = 0.545
squared_error = 0.015
samples = 778
value = 0.461
squared_error = 0.01
samples = 25832
value = 0.776
squared_error = 0.003
samples = 483
value = 0.196
squared_error = 0.026
samples = 2733
value = 0.646
squared_error = 0.002
samples = 1458
value = 0.159
squared_error = 0.006
samples = 144
value = 0.333
squared_error = 0.014
samples = 215
value = 0.436
squared_error = 0.007
samples = 105
value = 0.671
squared_error = 0.006
samples = 344
value = 0.422
squared_error = 0.005
samples = 44
value = 0.647
squared_error = 0.009
samples = 871
value = 0.65
squared_error = 0.009
samples = 1096
value = 0.772
squared_error = 0.006
samples = 616
value = 0.418
squared_error = 0.016
samples = 736
value = 0.551
squared_error = 0.005
samples = 712
value = 0.303
squared_error = 0.014
samples = 138
value = 0.456
squared_error = 0.007
samples = 236
value = 0.66
squared_error = 0.009
samples = 912
value = 0.466
squared_error = 0.014
samples = 274
value = 0.521
squared_error = 0.011
samples = 1751
value = 0.709
squared_error = 0.007
samples = 7237
value = 0.816
squared_error = 0.005
samples = 12971
value = 0.864
squared_error = 0.001
samples = 66589
value = 0.929
squared_error = 0.015
samples = 5702
value = 0.811

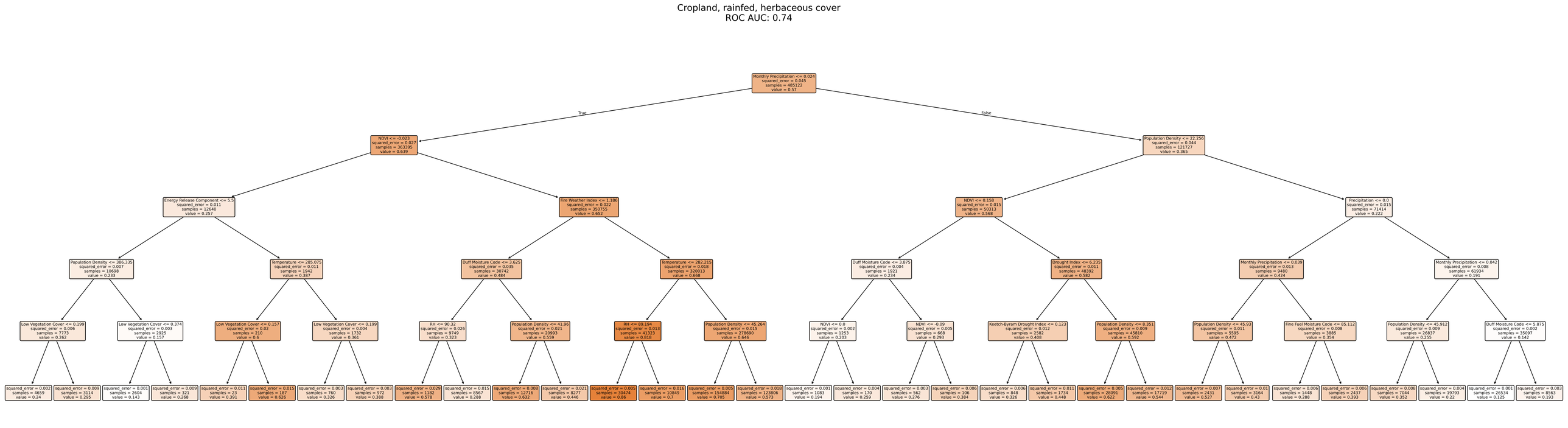
Shrubland
ROC AUC: 0.77



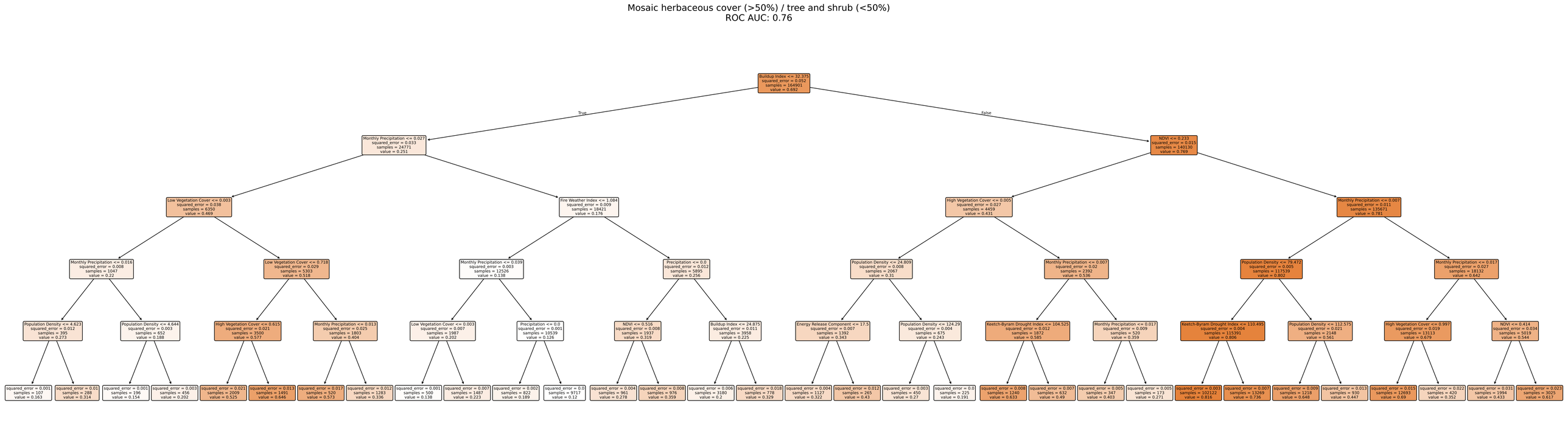
Tundra
ROC AUC: 0.93



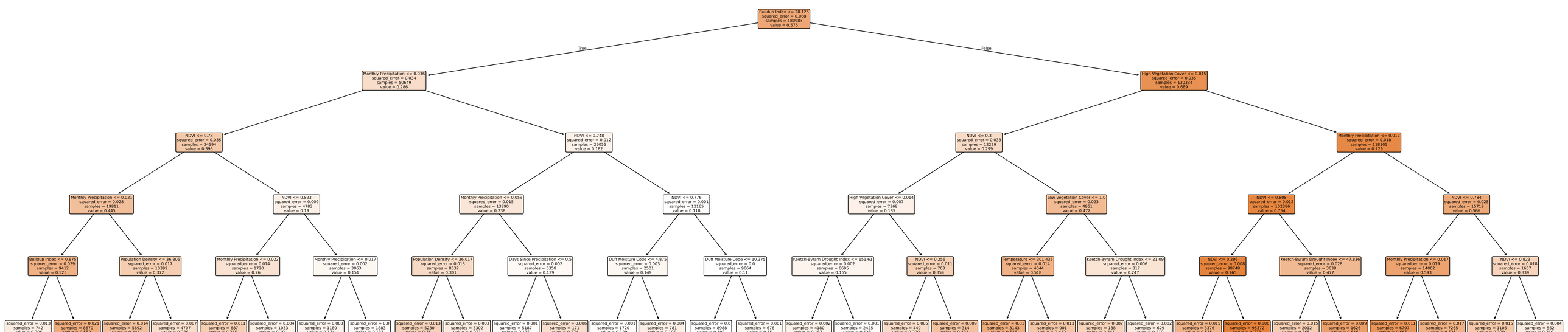

Tree cover, needleleaved, deciduous, closed to open (>15%)
ROC AUC: 0.85
Buildup Index <= 0.125
squared_error = 0.076
samples = 70857
value = 0.674
True
False
Temperature <= 261.955
squared_error = 0.006
samples = 9777
value = 0.124
Buildup Index <= 35.625
squared_error = 0.03
samples = 61080
value = 0.762
Initial Spread Index <= 1.959
squared_error = 0.0
samples = 7449
value = 0.095
Initial Spread Index <= 2.509
squared_error = 0.015
samples = 2328
value = 0.216
Temperature <= 257.53
squared_error = 0.036
samples = 32953
value = 0.682
Keetch-Byram Drought Index <= 8.092
squared_error = 0.007
samples = 28127
value = 0.855
Temperature <= 261.435
squared_error = 0.0
samples = 7133
value = 0.093
Temperature <= 258.71
squared_error = 0.002
samples = 316
value = 0.144
Population Density <= 0.112
squared_error = 0.006
samples = 2097
value = 0.19
Population Density <= 0.112
squared_error = 0.031
samples = 231
value = 0.452
Fire Weather Index <= 3.701
squared_error = 0.034
samples = 1238
value = 0.204
Monthly Precipitation <= 0.003
squared_error = 0.027
samples = 31715
value = 0.7
Population Density <= 0.013
squared_error = 0.008
samples = 12321
value = 0.801
Temperature <= 269.115
squared_error = 0.002
samples = 15806
value = 0.899
Temperature <= 259.505
squared_error = 0.0
samples = 7018
value = 0.092
Population Density <= 1.145
squared_error = 0.001
samples = 115
value = 0.131
Fire Danger Index <= 5.644
squared_error = 0.001
samples = 218
value = 0.126
Temperature <= 261.635
squared_error = 0.004
samples = 98
value = 0.184
Temperature <= 274.58
squared_error = 0.002
samples = 1099
value = 0.15
Monthly Precipitation <= 0.006
squared_error = 0.007
samples = 998
value = 0.235
Fire Weather Index <= 0.51
squared_error = 0.001
samples = 71
value = 0.229
Monthly Precipitation <= 0.006
squared_error = 0.013
samples = 160
value = 0.551
Initial Spread Index <= 1.99
squared_error = 0.008
samples = 1071
value = 0.153
Fire Danger Index <= 5.644
squared_error = 0.074
samples = 167
value = 0.533
Population Density <= 0.096
squared_error = 0.013
samples = 5567
value = 0.859
Drought Index <= 408.975
squared_error = 0.024
samples = 26148
value = 0.666
Fire Danger Index <= 5.94
squared_error = 0.012
samples = 185
value = 0.483
Drought Index <= 453.125
squared_error = 0.006
samples = 12136
value = 0.806
Temperature <= 261.64
squared_error = 0.016
samples = 31
value = 0.37
Fire Danger Index <= 6.31
squared_error = 0.001
samples = 15775
value = 0.9
squared_error = 0.0
samples = 6598
value = 0.092
squared_error = 0.0
samples = 420
value = 0.102
squared_error = 0.0
samples = 103
value = 0.123
squared_error = 0.001
samples = 12
value = 0.199
squared_error = 0.001
samples = 63
value = 0.15
squared_error = 0.0
samples = 155
value = 0.116
squared_error = 0.003
samples = 88
value = 0.175
squared_error = 0.005
samples = 10
value = 0.272
squared_error = 0.0
samples = 1059
value = 0.142
squared_error = 0.003
samples = 40
value = 0.351
squared_error = 0.008
samples = 373
value = 0.301
squared_error = 0.003
samples = 625
value = 0.195
squared_error = 0.002
samples = 3
value = 0.334
squared_error = 0.001
samples = 68
value = 0.224
squared_error = 0.006
samples = 134
value = 0.586
squared_error = 0.007
samples = 26
value = 0.368
squared_error = 0.001
samples = 871
value = 0.132
squared_error = 0.025
samples = 200
value = 0.242
squared_error = 0.024
samples = 99
value = 0.722
squared_error = 0.02
samples = 68
value = 0.258
squared_error = 0.046
samples = 325
value = 0.596
squared_error = 0.007
samples = 5242
value = 0.875
squared_error = 0.019
samples = 19112
value = 0.625
squared_error = 0.02
samples = 7036
value = 0.779
squared_error = 0.005
samples = 102
value = 0.416
squared_error = 0.009
samples = 83
value = 0.565
squared_error = 0.007
samples = 6260
value = 0.77
squared_error = 0.003
samples = 5876
value = 0.844
squared_error = 0.003
samples = 14
value = 0.258
squared_error = 0.008
samples = 17
value = 0.462
squared_error = 0.002
samples = 4237
value = 0.873
squared_error = 0.0
samples = 11538
value = 0.91

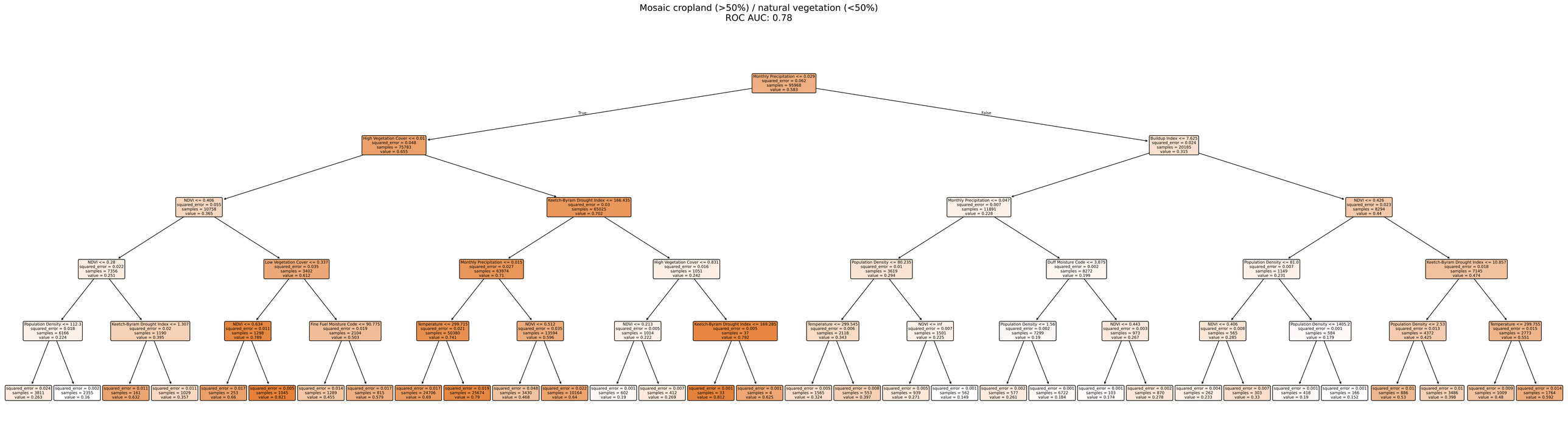

Cropland, rainfed, herbaceous cover
ROC AUC: 0.74
Monthly Precipitation <= 0.024
squared_error = 0.045
samples = 485122
value = 0.57
True
False
NDVI <= -0.023
squared_error = 0.027
samples = 363395
value = 0.639
Population Density <= 22.256
squared_error = 0.044
samples = 121727
value = 0.365
Energy Release Component <= 5.5
squared_error = 0.011
samples = 12640
value = 0.257
Fire Weather Index <= 1.186
squared_error = 0.022
samples = 350755
value = 0.652
NDVI <= 0.158
squared_error = 0.015
samples = 50313
value = 0.568
Precipitation <= 0.0
squared_error = 0.015
samples = 71414
value = 0.222
Population Density <= 386.335
squared_error = 0.007
samples = 10698
value = 0.233
Temperature <= 285.075
squared_error = 0.011
samples = 1942
value = 0.387
Duff Moisture Code <= 3.625
squared_error = 0.035
samples = 30742
value = 0.484
Temperature <= 282.215
squared_error = 0.018
samples = 320013
value = 0.668
Duff Moisture Code <= 3.875
squared_error = 0.004
samples = 1921
value = 0.234
Drought Index <= 6.235
squared_error = 0.011
samples = 48392
value = 0.582
Monthly Precipitation <= 0.039
squared_error = 0.013
samples = 9480
value = 0.424
Monthly Precipitation <= 0.042
squared_error = 0.008
samples = 61934
value = 0.191
Low Vegetation Cover <= 0.199
squared_error = 0.006
samples = 7773
value = 0.262
Low Vegetation Cover <= 0.374
squared_error = 0.003
samples = 2925
value = 0.157
Low Vegetation Cover <= 0.157
squared_error = 0.02
samples = 210
value = 0.6
Low Vegetation Cover <= 0.199
squared_error = 0.004
samples = 1732
value = 0.361
RH <= 90.32
squared_error = 0.026
samples = 9749
value = 0.323
Population Density <= 41.96
squared_error = 0.021
samples = 20993
value = 0.559
RH <= 89.194
squared_error = 0.013
samples = 41323
value = 0.818
Population Density <= 45.264
squared_error = 0.015
samples = 278690
value = 0.646
NDVI <= 0.0
squared_error = 0.002
samples = 1253
value = 0.203
NDVI <= -0.09
squared_error = 0.005
samples = 668
value = 0.293
Keetch-Byram Drought Index <= 0.123
squared_error = 0.012
samples = 2582
value = 0.408
Population Density <= 8.351
squared_error = 0.009
samples = 45810
value = 0.592
Population Density <= 45.93
squared_error = 0.011
samples = 5595
value = 0.472
Fine Fuel Moisture Code <= 85.112
squared_error = 0.008
samples = 3885
value = 0.354
Population Density <= 45.912
squared_error = 0.009
samples = 26837
value = 0.255
Duff Moisture Code <= 5.875
squared_error = 0.002
samples = 35097
value = 0.142
squared_error = 0.002
samples = 4659
value = 0.24
squared_error = 0.009
samples = 3114
value = 0.295
squared_error = 0.001
samples = 2604
value = 0.143
squared_error = 0.009
samples = 321
value = 0.268
squared_error = 0.011
samples = 23
value = 0.391
squared_error = 0.015
samples = 187
value = 0.626
squared_error = 0.003
samples = 760
value = 0.326
squared_error = 0.003
samples = 972
value = 0.388
squared_error = 0.029
samples = 1182
value = 0.578
squared_error = 0.015
samples = 8567
value = 0.288
squared_error = 0.008
samples = 12716
value = 0.632
squared_error = 0.021
samples = 8277
value = 0.446
squared_error = 0.005
samples = 30474
value = 0.86
squared_error = 0.016
samples = 10849
value = 0.7
squared_error = 0.005
samples = 154884
value = 0.705
squared_error = 0.018
samples = 123806
value = 0.573
squared_error = 0.001
samples = 1083
value = 0.194
squared_error = 0.004
samples = 170
value = 0.259
squared_error = 0.003
samples = 562
value = 0.276
squared_error = 0.006
samples = 106
value = 0.384
squared_error = 0.006
samples = 848
value = 0.326
squared_error = 0.011
samples = 1734
value = 0.448
squared_error = 0.005
samples = 28091
value = 0.622
squared_error = 0.012
samples = 17719
value = 0.544
squared_error = 0.007
samples = 2431
value = 0.527
squared_error = 0.01
samples = 3164
value = 0.43
squared_error = 0.006
samples = 1448
value = 0.288
squared_error = 0.006
samples = 2437
value = 0.393
squared_error = 0.008
samples = 7044
value = 0.352
squared_error = 0.004
samples = 19793
value = 0.22
squared_error = 0.001
samples = 26534
value = 0.125
squared_error = 0.003
samples = 8563
value = 0.193

Mosaic herbaceous cover (>50%) / tree and shrub (<50%)
ROC AUC: 0.76

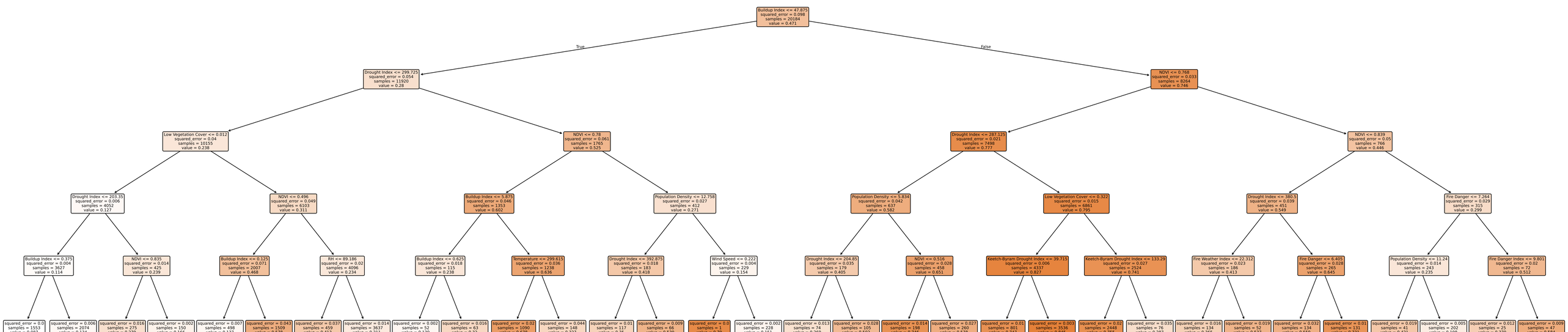


Mosaic tree and shrub (>50%) / herbaceous cover (<50%)
ROC AUC: 0.81

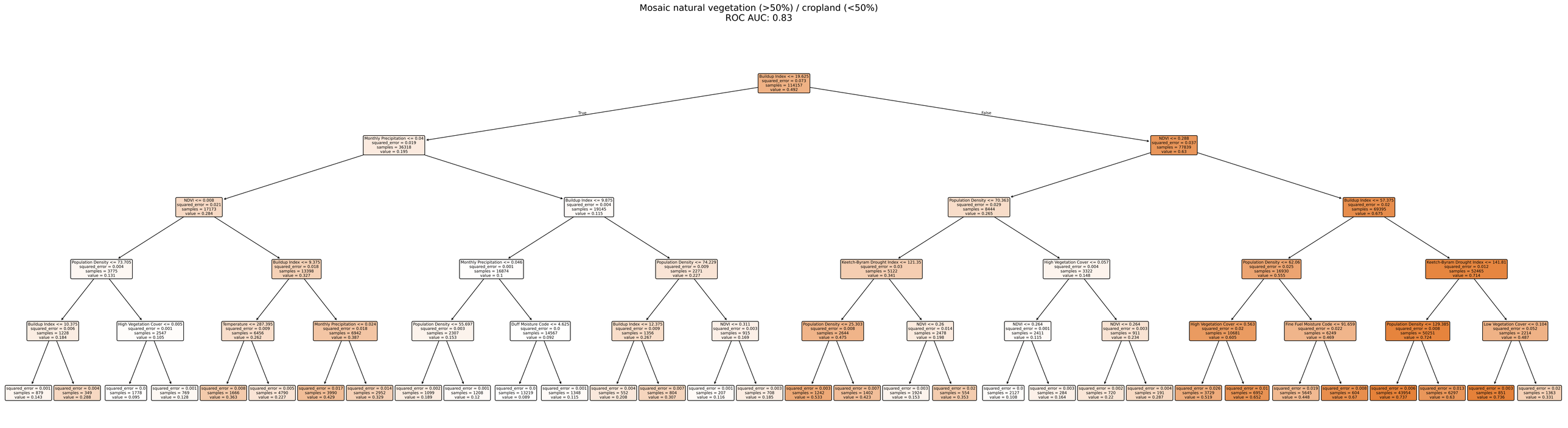


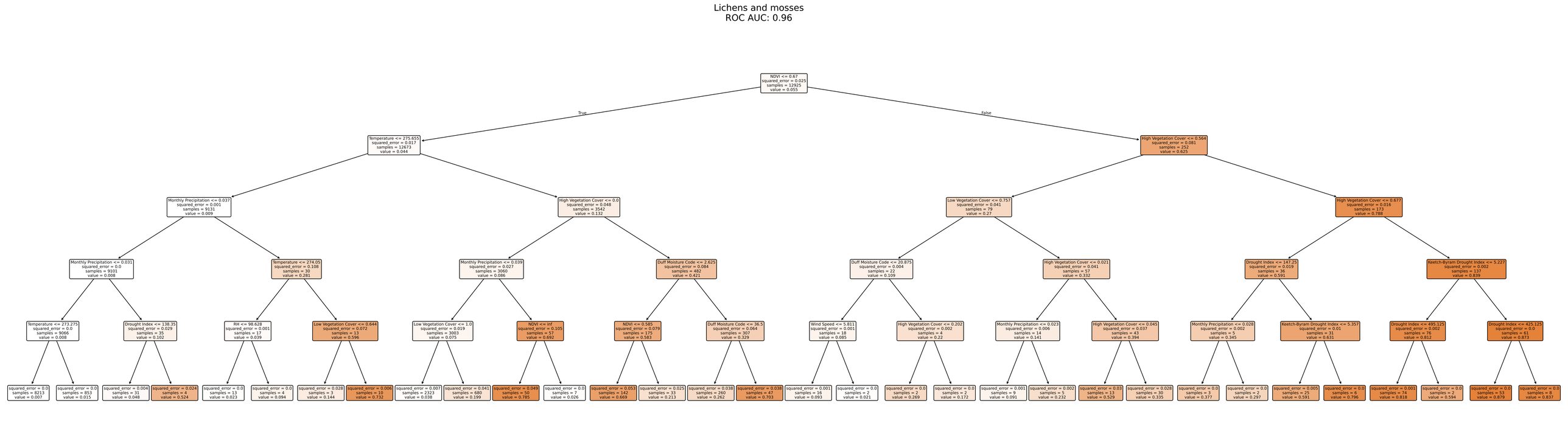

Mosaic cropland (>50%) / natural vegetation (<50%)
ROC AUC: 0.78
Monthly Precipitation <= 0.029
squared_error = 0.062
samples = 95968
value = 0.583
True
False
High Vegetation Cover <= 0.01
squared_error = 0.048
samples = 75783
value = 0.655
Buildup Index <= 7.625
squared_error = 0.024
samples = 20185
value = 0.315
NDVI <= 0.406
squared_error = 0.055
samples = 10758
value = 0.365
Keetch-Byram Drought Index <= 166.435
squared_error = 0.03
samples = 65025
value = 0.702
Monthly Precipitation <= 0.047
squared_error = 0.007
samples = 11891
value = 0.228
NDVI <= 0.426
squared_error = 0.023
samples = 8294
value = 0.44
NDVI <= 0.28
squared_error = 0.022
samples = 7356
value = 0.251
Low Vegetation Cover <= 0.337
squared_error = 0.035
samples = 3402
value = 0.612
Monthly Precipitation <= 0.015
squared_error = 0.027
samples = 63974
value = 0.71
High Vegetation Cover <= 0.831
squared_error = 0.016
samples = 1051
value = 0.242
Population Density <= 80.235
squared_error = 0.01
samples = 3619
value = 0.294
Duff Moisture Code <= 3.875
squared_error = 0.002
samples = 8272
value = 0.199
Population Density <= 81.0
squared_error = 0.007
samples = 1149
value = 0.231
Keetch-Byram Drought Index <= 10.857
squared_error = 0.018
samples = 7145
value = 0.474
Population Density <= 112.3
squared_error = 0.018
samples = 6166
value = 0.224
Keetch-Byram Drought Index <= 1.307
squared_error = 0.02
samples = 1190
value = 0.395
NDVI <= 0.634
squared_error = 0.011
samples = 1298
value = 0.789
Fine Fuel Moisture Code <= 90.775
squared_error = 0.019
samples = 2104
value = 0.503
Temperature <= 299.715
squared_error = 0.021
samples = 50380
value = 0.741
NDVI <= 0.512
squared_error = 0.035
samples = 13594
value = 0.596
NDVI <= 0.213
squared_error = 0.005
samples = 1014
value = 0.222
Keetch-Byram Drought Index <= 169.285
squared_error = 0.005
samples = 37
value = 0.792
Temperature <= 299.545
squared_error = 0.006
samples = 2118
value = 0.343
NDVI <= inf
squared_error = 0.007
samples = 1501
value = 0.225
Population Density <= 1.56
squared_error = 0.002
samples = 7299
value = 0.19
NDVI <= 0.443
squared_error = 0.003
samples = 973
value = 0.267
NDVI <= 0.406
squared_error = 0.008
samples = 565
value = 0.285
Population Density <= 1405.2
squared_error = 0.001
samples = 584
value = 0.179
Population Density <= 2.53
squared_error = 0.013
samples = 4372
value = 0.425
Temperature <= 299.755
squared_error = 0.015
samples = 2773
value = 0.551
squared_error = 0.024
samples = 3811
value = 0.263
squared_error = 0.002
samples = 2355
value = 0.16
squared_error = 0.011
samples = 161
value = 0.632
squared_error = 0.011
samples = 1029
value = 0.357
squared_error = 0.017
samples = 253
value = 0.66
squared_error = 0.005
samples = 1045
value = 0.821
squared_error = 0.014
samples = 1289
value = 0.455
squared_error = 0.017
samples = 815
value = 0.579
squared_error = 0.017
samples = 24706
value = 0.69
squared_error = 0.019
samples = 25674
value = 0.79
squared_error = 0.048
samples = 3430
value = 0.468
squared_error = 0.022
samples = 10164
value = 0.64
squared_error = 0.001
samples = 602
value = 0.19
squared_error = 0.007
samples = 412
value = 0.269
squared_error = 0.001
samples = 33
value = 0.812
squared_error = 0.001
samples = 4
value = 0.625
squared_error = 0.005
samples = 1565
value = 0.324
squared_error = 0.008
samples = 553
value = 0.397
squared_error = 0.005
samples = 939
value = 0.271
squared_error = 0.001
samples = 562
value = 0.149
squared_error = 0.002
samples = 577
value = 0.261
squared_error = 0.001
samples = 6722
value = 0.184
squared_error = 0.001
samples = 103
value = 0.174
squared_error = 0.002
samples = 870
value = 0.278
squared_error = 0.004
samples = 262
value = 0.233
squared_error = 0.007
samples = 303
value = 0.33
squared_error = 0.001
samples = 418
value = 0.19
squared_error = 0.001
samples = 166
value = 0.152
squared_error = 0.01
samples = 886
value = 0.53
squared_error = 0.01
samples = 3486
value = 0.398
squared_error = 0.009
samples = 1009
value = 0.48
squared_error = 0.014
samples = 1764
value = 0.592

Tree cover, mixed leaf type (broadleaved and needleleaved)
ROC AUC: 0.89

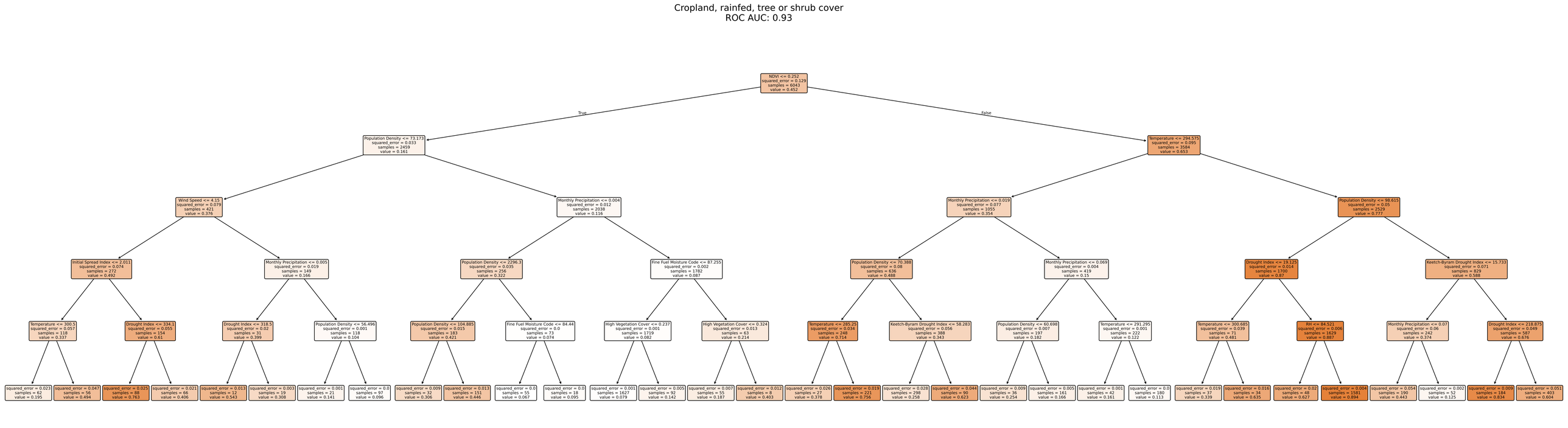


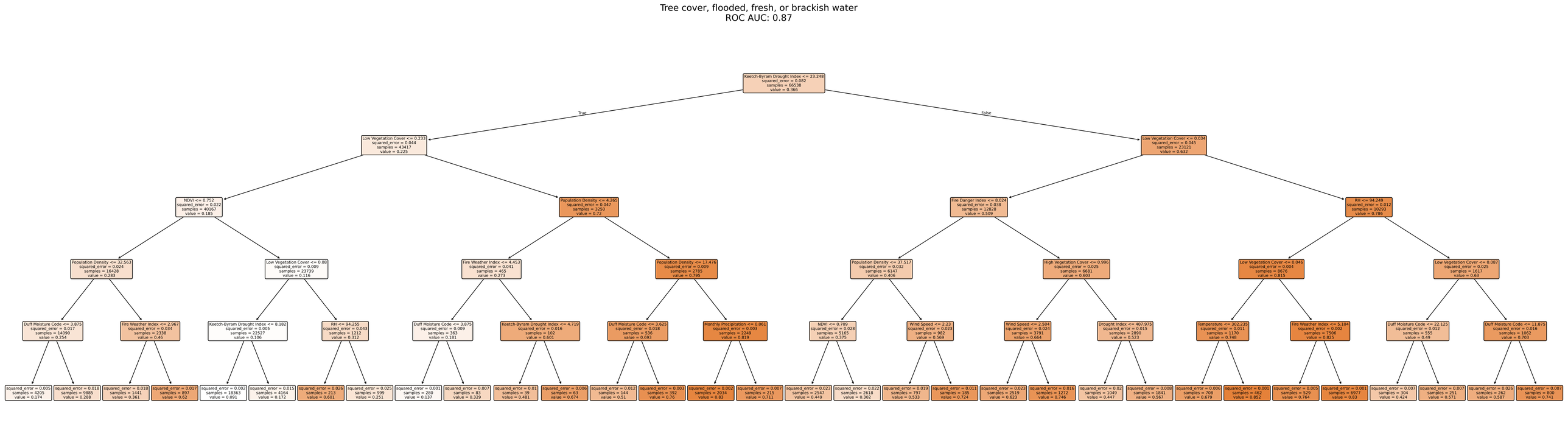
Mosaic natural vegetation (>50%) / cropland (<50%)
ROC AUC: 0.83

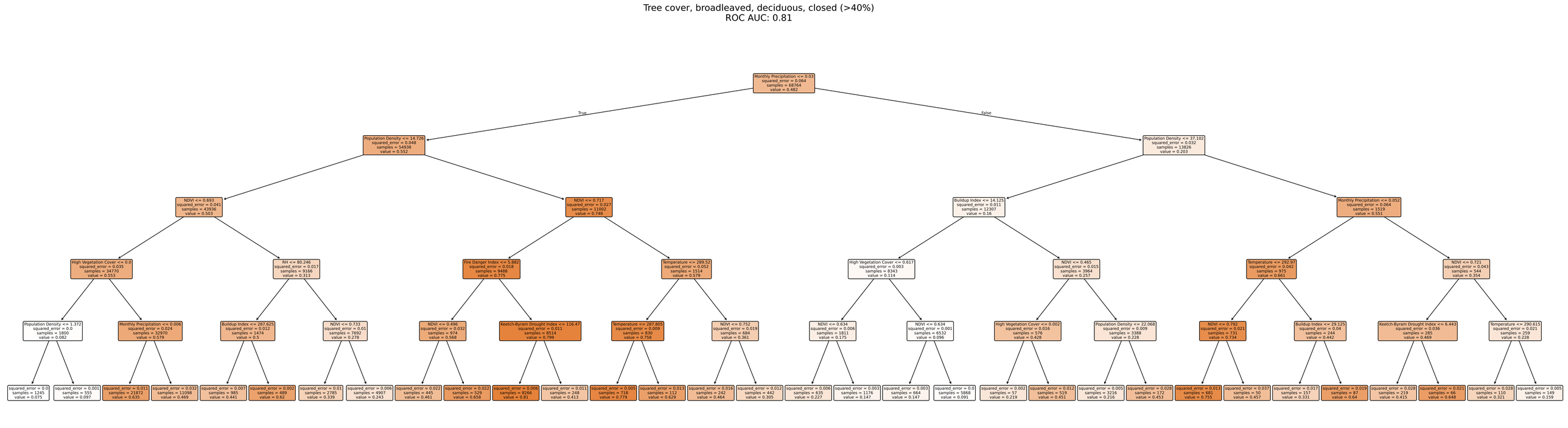


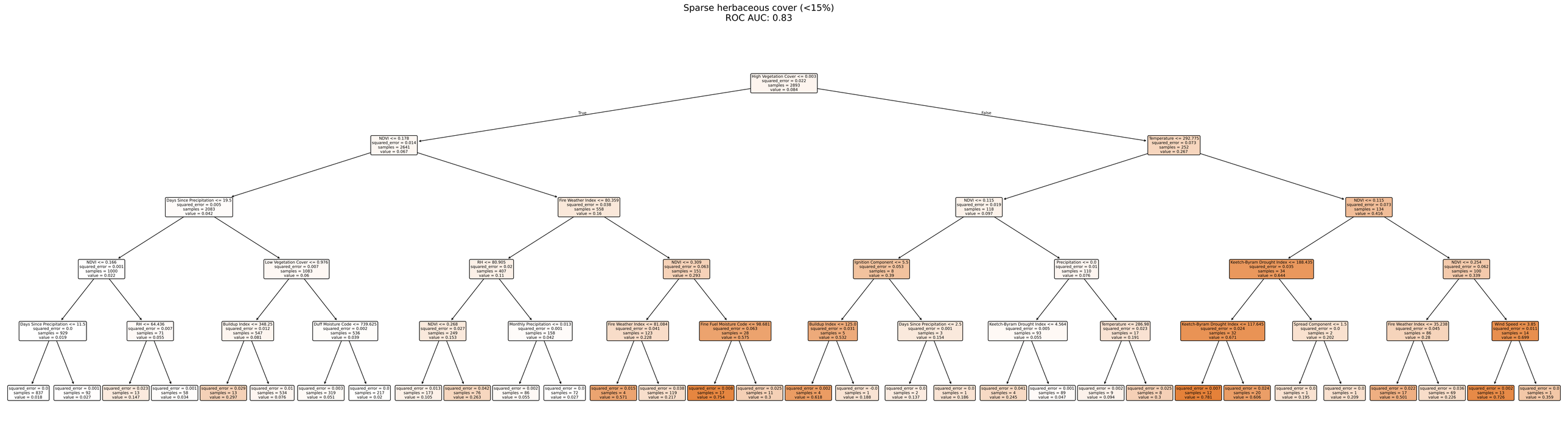

Lichens and mosses
ROC AUC: 0.96
NDVI <= 0.67
squared_error = 0.025
samples = 12925
value = 0.055
True
False
Temperature <= 275.655
squared_error = 0.017
samples = 12673
value = 0.044
High Vegetation Cover <= 0.564
squared_error = 0.081
samples = 252
value = 0.625
Monthly Precipitation <= 0.037
squared_error = 0.001
samples = 9131
value = 0.009
High Vegetation Cover <= 0.0
squared_error = 0.048
samples = 3542
value = 0.132
Low Vegetation Cover <= 0.757
squared_error = 0.041
samples = 79
value = 0.27
High Vegetation Cover <= 0.677
squared_error = 0.016
samples = 173
value = 0.788
Monthly Precipitation <= 0.031
squared_error = 0.0
samples = 9101
value = 0.008
Temperature <= 274.05
squared_error = 0.108
samples = 30
value = 0.281
Monthly Precipitation <= 0.039
squared_error = 0.027
samples = 3060
value = 0.086
Duff Moisture Code <= 2.625
squared_error = 0.084
samples = 482
value = 0.421
Duff Moisture Code <= 20.875
squared_error = 0.004
samples = 22
value = 0.109
High Vegetation Cover <= 0.021
squared_error = 0.041
samples = 57
value = 0.332
Drought Index <= 147.25
squared_error = 0.019
samples = 36
value = 0.591
Keetch-Byram Drought Index <= 5.227
squared_error = 0.002
samples = 137
value = 0.839
Temperature <= 273.275
squared_error = 0.0
samples = 9066
value = 0.008
Drought Index <= 138.35
squared_error = 0.029
samples = 35
value = 0.102
RH <= 98.628
squared_error = 0.001
samples = 17
value = 0.039
Low Vegetation Cover <= 0.644
squared_error = 0.072
samples = 13
value = 0.596
Low Vegetation Cover <= 1.0
squared_error = 0.019
samples = 3003
value = 0.075
NDVI <= inf
squared_error = 0.105
samples = 57
value = 0.692
NDVI <= 0.585
squared_error = 0.079
samples = 175
value = 0.583
Duff Moisture Code <= 36.5
squared_error = 0.064
samples = 307
value = 0.329
Wind Speed <= 5.811
squared_error = 0.001
samples = 18
value = 0.085
High Vegetation Cover <= 0.202
squared_error = 0.002
samples = 4
value = 0.22
Monthly Precipitation <= 0.023
squared_error = 0.006
samples = 14
value = 0.141
High Vegetation Cover <= 0.045
squared_error = 0.037
samples = 43
value = 0.394
Monthly Precipitation <= 0.028
squared_error = 0.002
samples = 5
value = 0.345
Keetch-Byram Drought Index <= 5.357
squared_error = 0.01
samples = 31
value = 0.631
Drought Index <= 495.125
squared_error = 0.002
samples = 76
value = 0.812
Drought Index <= 425.125
squared_error = 0.0
samples = 61
value = 0.873
squared_error = 0.0
samples = 8213
value = 0.007
squared_error = 0.0
samples = 853
value = 0.015
squared_error = 0.004
samples = 31
value = 0.048
squared_error = 0.024
samples = 4
value = 0.524
squared_error = 0.0
samples = 13
value = 0.023
squared_error = 0.0
samples = 4
value = 0.094
squared_error = 0.028
samples = 3
value = 0.144
squared_error = 0.006
samples = 10
value = 0.732
squared_error = 0.007
samples = 2323
value = 0.038
squared_error = 0.041
samples = 680
value = 0.199
squared_error = 0.049
samples = 50
value = 0.785
squared_error = 0.0
samples = 7
value = 0.026
squared_error = 0.053
samples = 142
value = 0.669
squared_error = 0.025
samples = 33
value = 0.213
squared_error = 0.038
samples = 260
value = 0.262
squared_error = 0.038
samples = 47
value = 0.703
squared_error = 0.001
samples = 16
value = 0.093
squared_error = 0.0
samples = 2
value = 0.021
squared_error = 0.0
samples = 2
value = 0.269
squared_error = 0.0
samples = 2
value = 0.172
squared_error = 0.001
samples = 9
value = 0.091
squared_error = 0.002
samples = 5
value = 0.232
squared_error = 0.03
samples = 13
value = 0.529
squared_error = 0.028
samples = 30
value = 0.335
squared_error = 0.0
samples = 3
value = 0.377
squared_error = 0.0
samples = 2
value = 0.297
squared_error = 0.005
samples = 25
value = 0.591
squared_error = 0.0
samples = 6
value = 0.796
squared_error = 0.001
samples = 74
value = 0.819
squared_error = 0.0
samples = 2
value = 0.594
squared_error = 0.0
samples = 53
value = 0.879
squared_error = 0.0
samples = 8
value = 0.837

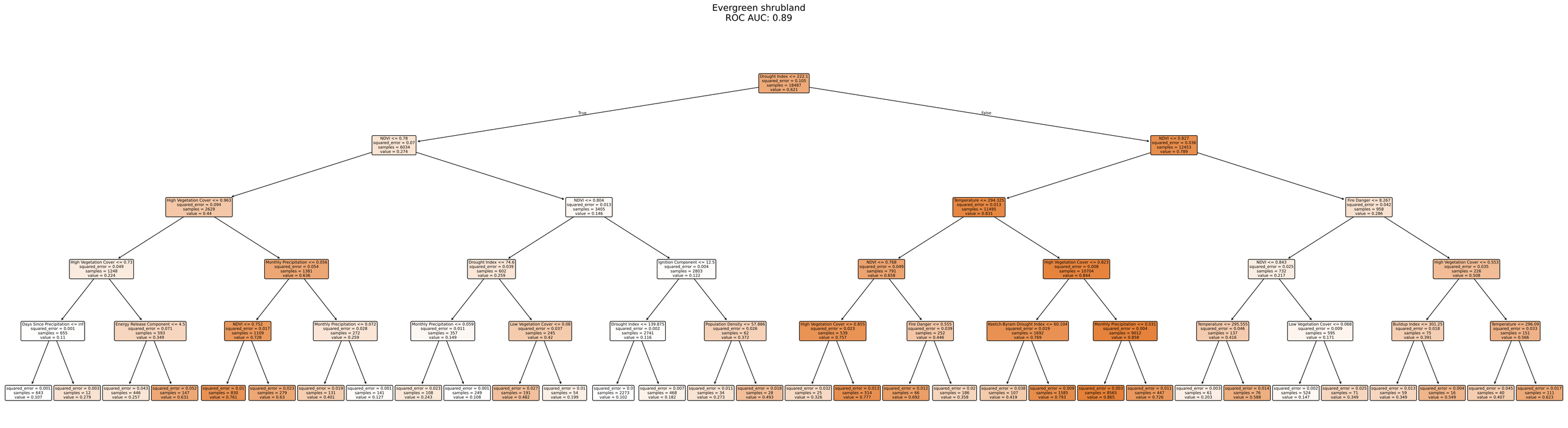
Cropland, rainfed, tree or shrub cover
ROC AUC: 0.93

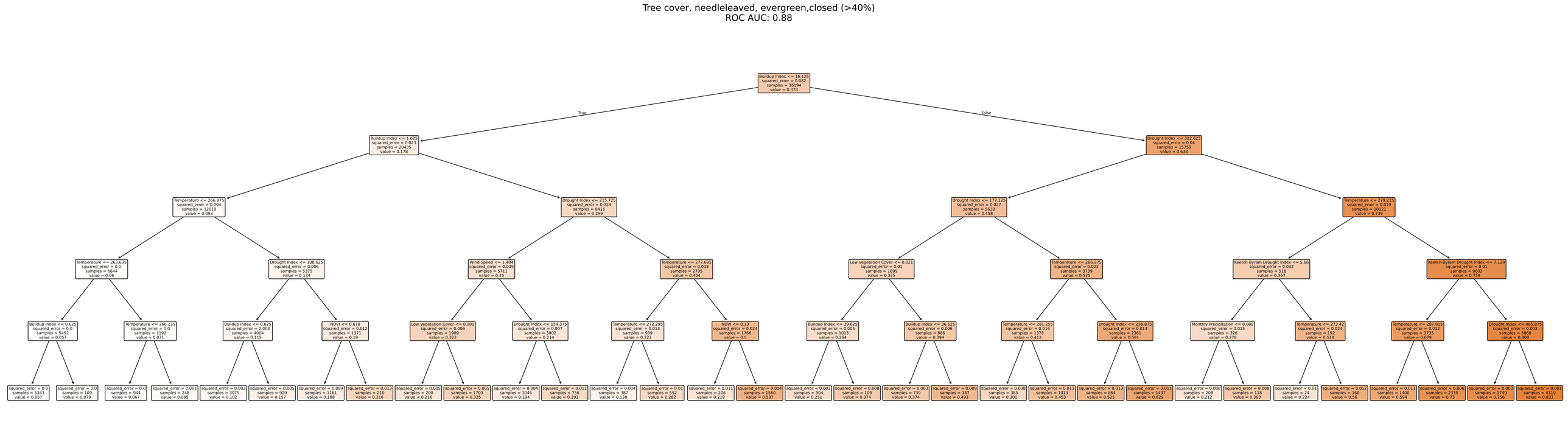


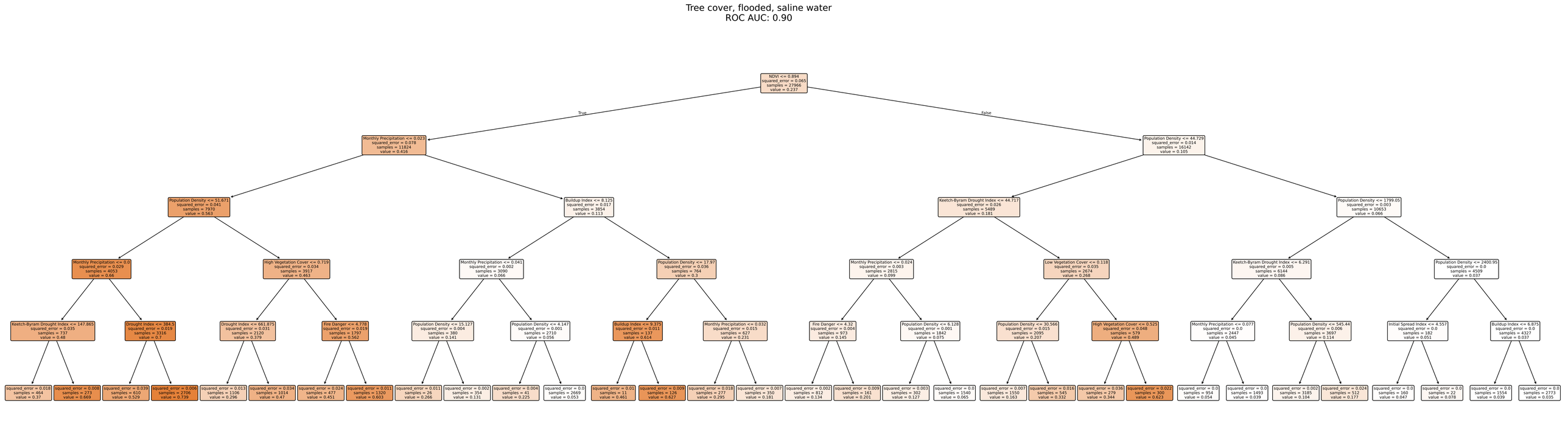

Tree cover, flooded, fresh, or brackish water
ROC AUC: 0.87
Keetch-Byram Drought Index <= 23.248
squared_error = 0.082
samples = 66538
value = 0.366
True
False
Low Vegetation Cover <= 0.233
squared_error = 0.044
samples = 43417
value = 0.225
Low Vegetation Cover <= 0.034
squared_error = 0.045
samples = 23121
value = 0.632
NDVI <= 0.752
squared_error = 0.022
samples = 40167
value = 0.185
Population Density <= 4.265
squared_error = 0.047
samples = 3250
value = 0.72
Fire Danger Index <= 8.024
squared_error = 0.038
samples = 12828
value = 0.509
RH <= 94.249
squared_error = 0.012
samples = 10293
value = 0.786
Population Density <= 32.563
squared_error = 0.024
samples = 16428
value = 0.283
Low Vegetation Cover <= 0.08
squared_error = 0.009
samples = 23739
value = 0.116
Fire Weather Index <= 4.453
squared_error = 0.041
samples = 465
value = 0.273
Population Density <= 17.476
squared_error = 0.009
samples = 2785
value = 0.795
Population Density <= 37.517
squared_error = 0.032
samples = 6147
value = 0.406
High Vegetation Cover <= 0.996
squared_error = 0.025
samples = 6681
value = 0.603
Low Vegetation Cover <= 0.046
squared_error = 0.004
samples = 8676
value = 0.815
Low Vegetation Cover <= 0.087
squared_error = 0.025
samples = 1617
value = 0.63
Duff Moisture Code <= 3.875
squared_error = 0.017
samples = 14090
value = 0.254
Fire Weather Index <= 2.967
squared_error = 0.034
samples = 2338
value = 0.46
Keetch-Byram Drought Index <= 8.182
squared_error = 0.005
samples = 22527
value = 0.106
RH <= 94.255
squared_error = 0.043
samples = 1212
value = 0.312
Duff Moisture Code <= 3.875
squared_error = 0.009
samples = 363
value = 0.181
Keetch-Byram Drought Index <= 4.719
squared_error = 0.016
samples = 102
value = 0.601
Duff Moisture Code <= 3.625
squared_error = 0.018
samples = 536
value = 0.693
Monthly Precipitation <= 8.061
squared_error = 0.003
samples = 2249
value = 0.819
NDVI <= 0.709
squared_error = 0.028
samples = 5165
value = 0.375
Wind Speed <= 2.23
squared_error = 0.023
samples = 982
value = 0.569
Wind Speed <= 2.504
squared_error = 0.024
samples = 3791
value = 0.664
Drought Index <= 407.975
squared_error = 0.015
samples = 2890
value = 0.523
Temperature <= 302.235
squared_error = 0.011
samples = 1170
value = 0.748
Fire Weather Index <= 5.184
squared_error = 0.002
samples = 7506
value = 0.825
Duff Moisture Code <= 22.125
squared_error = 0.012
samples = 555
value = 0.49
Duff Moisture Code <= 11.875
squared_error = 0.016
samples = 1062
value = 0.703
squared_error = 0.005
samples = 4205
value = 0.174
squared_error = 0.018
samples = 9885
value = 0.288
squared_error = 0.018
samples = 1441
value = 0.361
squared_error = 0.017
samples = 897
value = 0.62
squared_error = 0.002
samples = 18363
value = 0.091
squared_error = 0.015
samples = 4164
value = 0.172
squared_error = 0.026
samples = 213
value = 0.601
squared_error = 0.025
samples = 999
value = 0.251
squared_error = 0.001
samples = 280
value = 0.137
squared_error = 0.007
samples = 83
value = 0.329
squared_error = 0.01
samples = 39
value = 0.481
squared_error = 0.006
samples = 63
value = 0.674
squared_error = 0.012
samples = 144
value = 0.51
squared_error = 0.003
samples = 392
value = 0.76
squared_error = 0.002
samples = 2034
value = 0.83
squared_error = 0.007
samples = 215
value = 0.711
squared_error = 0.023
samples = 2547
value = 0.449
squared_error = 0.022
samples = 2618
value = 0.302
squared_error = 0.019
samples = 797
value = 0.533
squared_error = 0.011
samples = 185
value = 0.724
squared_error = 0.023
samples = 2519
value = 0.623
squared_error = 0.016
samples = 1272
value = 0.746
squared_error = 0.02
samples = 1049
value = 0.447
squared_error = 0.008
samples = 1841
value = 0.567
squared_error = 0.006
samples = 708
value = 0.679
squared_error = 0.001
samples = 462
value = 0.852
squared_error = 0.005
samples = 529
value = 0.764
squared_error = 0.001
samples = 6977
value = 0.83
squared_error = 0.007
samples = 304
value = 0.424
squared_error = 0.007
samples = 251
value = 0.571
squared_error = 0.026
samples = 262
value = 0.587
squared_error = 0.007
samples = 800
value = 0.741

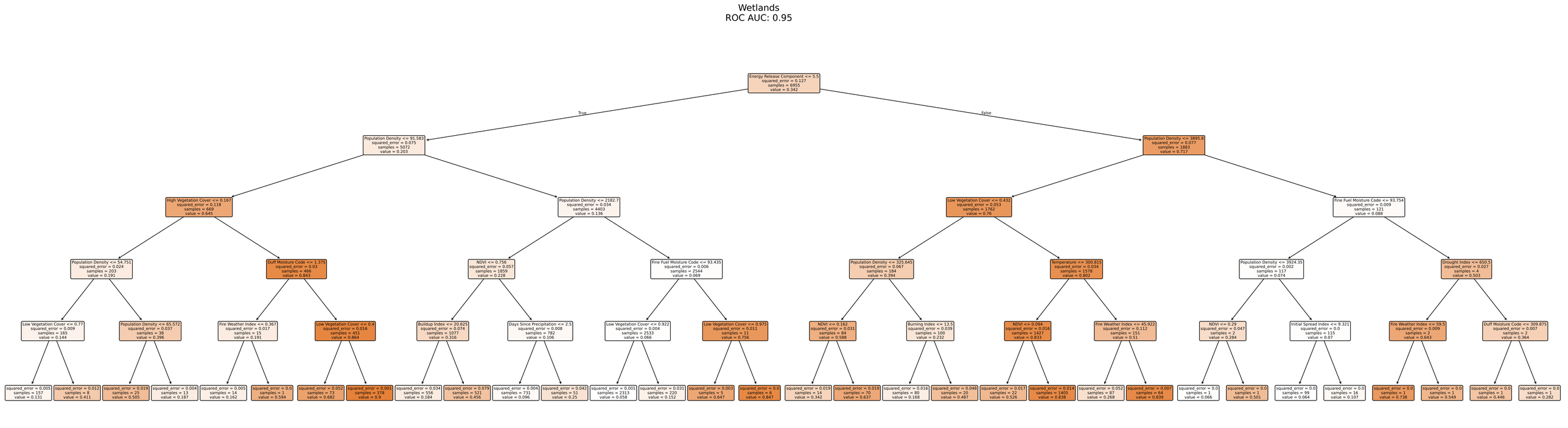

Tree cover, broadleaved, deciduous, closed (>40%)
ROC AUC: 0.81
Monthly Precipitation <= 0.03
squared_error = 0.064
samples = 68764
value = 0.482
True
False
Population Density <= 14.726
squared_error = 0.048
samples = 54938
value = 0.552
Population Density <= 37.102
squared_error = 0.032
samples = 13826
value = 0.203
NDVI <= 0.693
squared_error = 0.041
samples = 43936
value = 0.503
NDVI <= 0.717
squared_error = 0.027
samples = 11002
value = 0.748
Buildup Index <= 14.125
squared_error = 0.011
samples = 12307
value = 0.16
Monthly Precipitation <= 0.052
squared_error = 0.064
samples = 1519
value = 0.551
High Vegetation Cover <= 0.0
squared_error = 0.035
samples = 34770
value = 0.553
RH <= 80.246
squared_error = 0.017
samples = 9166
value = 0.313
Fine Danger Index <= 5.882
squared_error = 0.018
samples = 9488
value = 0.775
Temperature <= 289.52
squared_error = 0.052
samples = 1514
value = 0.579
High Vegetation Cover <= 0.617
squared_error = 0.003
samples = 8343
value = 0.114
NDVI <= 0.465
squared_error = 0.015
samples = 3964
value = 0.257
Temperature <= 292.97
squared_error = 0.042
samples = 975
value = 0.661
NDVI <= 0.721
squared_error = 0.043
samples = 544
value = 0.354
Population Density <= 1.372
squared_error = 0.0
samples = 1800
value = 0.082
Monthly Precipitation <= 0.006
squared_error = 0.024
samples = 32970
value = 0.579
Buildup Index <= 287.625
squared_error = 0.012
samples = 1474
value = 0.5
NDVI <= 0.733
squared_error = 0.01
samples = 7692
value = 0.278
NDVI <= 0.496
squared_error = 0.032
samples = 974
value = 0.568
Keetch-Byram Drought Index <= 116.47
squared_error = 0.011
samples = 8514
value = 0.799
Temperature <= 287.805
squared_error = 0.009
samples = 830
value = 0.758
NDVI <= 0.752
squared_error = 0.019
samples = 684
value = 0.361
NDVI <= 0.634
squared_error = 0.006
samples = 1811
value = 0.175
NDVI <= 0.634
squared_error = 0.001
samples = 6532
value = 0.096
High Vegetation Cover <= 0.002
squared_error = 0.016
samples = 576
value = 0.428
Population Density <= 22.068
squared_error = 0.009
samples = 3388
value = 0.228
NDVI <= 0.792
squared_error = 0.021
samples = 731
value = 0.734
Buildup Index <= 29.125
squared_error = 0.04
samples = 244
value = 0.442
Keetch-Byram Drought Index <= 6.443
squared_error = 0.036
samples = 285
value = 0.469
Temperature <= 290.615
squared_error = 0.021
samples = 259
value = 0.228
squared_error = 0.0
samples = 1245
value = 0.075
squared_error = 0.001
samples = 555
value = 0.097
squared_error = 0.011
samples = 21872
value = 0.635
squared_error = 0.032
samples = 11098
value = 0.469
squared_error = 0.007
samples = 985
value = 0.441
squared_error = 0.002
samples = 489
value = 0.62
squared_error = 0.01
samples = 2785
value = 0.339
squared_error = 0.006
samples = 4907
value = 0.243
squared_error = 0.022
samples = 445
value = 0.461
squared_error = 0.022
samples = 529
value = 0.658
squared_error = 0.006
samples = 8266
value = 0.81
squared_error = 0.011
samples = 248
value = 0.413
squared_error = 0.005
samples = 718
value = 0.779
squared_error = 0.013
samples = 112
value = 0.629
squared_error = 0.016
samples = 242
value = 0.464
squared_error = 0.012
samples = 442
value = 0.305
squared_error = 0.006
samples = 635
value = 0.227
squared_error = 0.003
samples = 1176
value = 0.147
squared_error = 0.003
samples = 664
value = 0.147
squared_error = 0.0
samples = 5868
value = 0.091
squared_error = 0.002
samples = 57
value = 0.219
squared_error = 0.012
samples = 519
value = 0.451
squared_error = 0.005
samples = 3216
value = 0.216
squared_error = 0.028
samples = 172
value = 0.453
squared_error = 0.013
samples = 681
value = 0.755
squared_error = 0.037
samples = 50
value = 0.457
squared_error = 0.017
samples = 157
value = 0.331
squared_error = 0.019
samples = 87
value = 0.64
squared_error = 0.028
samples = 219
value = 0.415
squared_error = 0.021
samples = 66
value = 0.648
squared_error = 0.028
samples = 110
value = 0.321
squared_error = 0.005
samples = 149
value = 0.159


Sparse herbaceous cover (<15%)
ROC AUC: 0.83
High Vegetation Cover <= 0.003
squared_error = 0.022
samples = 2693
value = 0.084
True
False
NDVI <= 0.178
squared_error = 0.014
samples = 2641
value = 0.067
Temperature <= 292.775
squared_error = 0.073
samples = 252
value = 0.267
Days Since Precipitation <= 19.5
squared_error = 0.005
samples = 2083
value = 0.042
Fire Weather Index <= 80.359
squared_error = 0.038
samples = 558
value = 0.16
NDVI <= 0.115
squared_error = 0.019
samples = 118
value = 0.097
NDVI <= 0.115
squared_error = 0.073
samples = 134
value = 0.416
NDVI <= 0.166
squared_error = 0.001
samples = 1000
value = 0.022
Low Vegetation Cover <= 0.976
squared_error = 0.007
samples = 1083
value = 0.06
RH <= 80.905
squared_error = 0.02
samples = 407
value = 0.11
NDVI <= 0.309
squared_error = 0.063
samples = 151
value = 0.293
Ignition Component <= 5.5
squared_error = 0.053
samples = 8
value = 0.39
Precipitation <= 0.0
squared_error = 0.01
samples = 110
value = 0.076
Keetch-Byram Drought Index <= 188.435
squared_error = 0.035
samples = 34
value = 0.644
NDVI <= 0.254
squared_error = 0.062
samples = 100
value = 0.339
Days Since Precipitation <= 11.5
squared_error = 0.0
samples = 929
value = 0.019
RH <= 64.436
squared_error = 0.007
samples = 71
value = 0.055
Buildup Index <= 348.25
squared_error = 0.012
samples = 547
value = 0.081
Duff Moisture Code <= 739.625
squared_error = 0.002
samples = 536
value = 0.039
NDVI <= 0.268
squared_error = 0.027
samples = 249
value = 0.153
Monthly Precipitation <= 0.013
squared_error = 0.001
samples = 158
value = 0.042
Fire Weather Index <= 81.084
squared_error = 0.041
samples = 123
value = 0.228
Fine Fuel Moisture Code <= 98.681
squared_error = 0.063
samples = 28
value = 0.575
Buildup Index <= 125.0
squared_error = 0.031
samples = 5
value = 0.532
Days Since Precipitation <= 2.5
squared_error = 0.001
samples = 3
value = 0.154
Keetch-Byram Drought Index <= 4.564
squared_error = 0.005
samples = 93
value = 0.055
Temperature <= 296.98
squared_error = 0.023
samples = 17
value = 0.191
Keetch-Byram Drought Index <= 117.645
squared_error = 0.024
samples = 32
value = 0.671
Spread Component <= 1.5
squared_error = 0.0
samples = 2
value = 0.202
Fire Weather Index <= 35.238
squared_error = 0.045
samples = 86
value = 0.28
Wind Speed <= 3.85
squared_error = 0.031
samples = 14
value = 0.699
squared_error = 0.0
samples = 837
value = 0.018
squared_error = 0.001
samples = 92
value = 0.027
squared_error = 0.023
samples = 13
value = 0.147
squared_error = 0.001
samples = 58
value = 0.054
squared_error = 0.029
samples = 13
value = 0.297
squared_error = 0.01
samples = 534
value = 0.076
squared_error = 0.003
samples = 319
value = 0.051
squared_error = 0.0
samples = 217
value = 0.02
squared_error = 0.013
samples = 173
value = 0.105
squared_error = 0.042
samples = 76
value = 0.263
squared_error = 0.002
samples = 86
value = 0.055
squared_error = 0.0
samples = 72
value = 0.027
squared_error = 0.015
samples = 4
value = 0.571
squared_error = 0.038
samples = 119
value = 0.217
squared_error = 0.008
samples = 17
value = 0.754
squared_error = 0.025
samples = 11
value = 0.3
squared_error = 0.002
samples = 4
value = 0.618
squared_error = -0.0
samples = 1
value = 0.188
squared_error = 0.0
samples = 2
value = 0.137
squared_error = 0.0
samples = 1
value = 0.186
squared_error = 0.041
samples = 4
value = 0.245
squared_error = 0.001
samples = 89
value = 0.047
squared_error = 0.002
samples = 9
value = 0.094
squared_error = 0.025
samples = 8
value = 0.3
squared_error = 0.007
samples = 12
value = 0.781
squared_error = 0.024
samples = 20
value = 0.606
squared_error = 0.0
samples = 1
value = 0.195
squared_error = 0.0
samples = 1
value = 0.209
squared_error = 0.022
samples = 17
value = 0.501
squared_error = 0.036
samples = 69
value = 0.226
squared_error = 0.002
samples = 13
value = 0.726
squared_error = 0.0
samples = 1
value = 0.359


Evergreen shrubland
ROC AUC: 0.89
Drought Index <= 222.1
squared_error = 0.105
samples = 18487
value = 0.621
True
False
NDVI <= 0.78
squared_error = 0.07
samples = 6034
value = 0.274
NDVI <= 0.827
squared_error = 0.036
samples = 12453
value = 0.789
High Vegetation Cover <= 0.963
squared_error = 0.094
samples = 2629
value = 0.44
NDVI <= 0.804
squared_error = 0.013
samples = 3405
value = 0.146
Temperature <= 294.325
squared_error = 0.013
samples = 11495
value = 0.831
Fire Danger <= 8.267
squared_error = 0.042
samples = 958
value = 0.286
High Vegetation Cover <= 0.73
squared_error = 0.049
samples = 1248
value = 0.224
Monthly Precipitation <= 0.056
squared_error = 0.054
samples = 1381
value = 0.636
Drought Index <= 74.6
squared_error = 0.039
samples = 602
value = 0.259
Ignition Component <= 12.5
squared_error = 0.004
samples = 2803
value = 0.122
NDVI <= 0.768
squared_error = 0.049
samples = 791
value = 0.658
High Vegetation Cover <= 0.823
squared_error = 0.008
samples = 10704
value = 0.844
NDVI <= 0.843
squared_error = 0.025
samples = 732
value = 0.217
High Vegetation Cover <= 0.553
squared_error = 0.035
samples = 226
value = 0.508
Days Since Precipitation <= inf
squared_error = 0.001
samples = 655
value = 0.11
Energy Release Component <= 4.5
squared_error = 0.071
samples = 593
value = 0.349
NDVI <= 0.752
squared_error = 0.017
samples = 1109
value = 0.728
Monthly Precipitation <= 0.072
squared_error = 0.028
samples = 272
value = 0.259
Monthly Precipitation <= 0.059
squared_error = 0.011
samples = 357
value = 0.149
Low Vegetation Cover <= 0.08
squared_error = 0.037
samples = 245
value = 0.42
Drought Index <= 139.875
squared_error = 0.002
samples = 2741
value = 0.116
Population Density <= 57.886
squared_error = 0.026
samples = 62
value = 0.372
High Vegetation Cover <= 0.855
squared_error = 0.023
samples = 539
value = 0.757
Fire Danger <= 0.555
squared_error = 0.039
samples = 252
value = 0.446
Keetch-Byram Drought Index <= 60.104
squared_error = 0.019
samples = 1692
value = 0.769
Monthly Precipitation <= 0.031
squared_error = 0.004
samples = 9012
value = 0.858
Temperature <= 295.555
squared_error = 0.046
samples = 137
value = 0.416
Low Vegetation Cover <= 0.068
squared_error = 0.009
samples = 595
value = 0.171
Buildup Index <= 301.25
squared_error = 0.018
samples = 75
value = 0.391
Temperature <= 296.09
squared_error = 0.033
samples = 151
value = 0.566
squared_error = 0.001
samples = 643
value = 0.107
squared_error = 0.003
samples = 12
value = 0.279
squared_error = 0.043
samples = 446
value = 0.257
squared_error = 0.052
samples = 147
value = 0.631
squared_error = 0.01
samples = 830
value = 0.761
squared_error = 0.023
samples = 279
value = 0.63
squared_error = 0.019
samples = 131
value = 0.401
squared_error = 0.001
samples = 141
value = 0.127
squared_error = 0.023
samples = 108
value = 0.243
squared_error = 0.001
samples = 249
value = 0.108
squared_error = 0.027
samples = 191
value = 0.482
squared_error = 0.01
samples = 54
value = 0.199
squared_error = 0.0
samples = 2273
value = 0.102
squared_error = 0.007
samples = 468
value = 0.182
squared_error = 0.011
samples = 34
value = 0.273
squared_error = 0.018
samples = 28
value = 0.493
squared_error = 0.032
samples = 25
value = 0.326
squared_error = 0.013
samples = 514
value = 0.777
squared_error = 0.012
samples = 66
value = 0.692
squared_error = 0.02
samples = 186
value = 0.358
squared_error = 0.038
samples = 107
value = 0.419
squared_error = 0.009
samples = 1585
value = 0.793
squared_error = 0.003
samples = 8565
value = 0.865
squared_error = 0.011
samples = 447
value = 0.726
squared_error = 0.003
samples = 61
value = 0.203
squared_error = 0.014
samples = 76
value = 0.588
squared_error = 0.002
samples = 524
value = 0.147
squared_error = 0.025
samples = 71
value = 0.349
squared_error = 0.013
samples = 59
value = 0.349
squared_error = 0.004
samples = 16
value = 0.549
squared_error = 0.045
samples = 40
value = 0.407
squared_error = 0.017
samples = 111
value = 0.623


Tree cover, needleleaved, evergreen,closed (>40%)
ROC AUC: 0.88
Buildup Index <= 16.125
squared_error = 0.082
samples = 36194
value = 0.378
True
False
Buildup Index <= 1.625
squared_error = 0.023
samples = 20435
value = 0.178
Drought Index <= 322.625
squared_error = 0.04
samples = 15759
value = 0.638
Temperature <= 266.875
squared_error = 0.004
samples = 12019
value = 0.093
Drought Index <= 215.725
squared_error = 0.024
samples = 8416
value = 0.299
Drought Index <= 177.125
squared_error = 0.027
samples = 5638
value = 0.458
Temperature <= 279.215
squared_error = 0.019
samples = 10121
value = 0.739
Temperature <= 263.635
squared_error = 0.0
samples = 6644
value = 0.06
Drought Index <= 108.625
squared_error = 0.006
samples = 5375
value = 0.134
Wind Speed <= 1.484
squared_error = 0.009
samples = 5711
value = 0.25
Temperature <= 277.695
squared_error = 0.038
samples = 2705
value = 0.404
Low Vegetation Cover <= 0.021
squared_error = 0.01
samples = 1899
value = 0.325
Temperature <= 286.975
squared_error = 0.022
samples = 3739
value = 0.525
Keetch-Byram Drought Index <= 5.66
squared_error = 0.032
samples = 518
value = 0.367
Keetch-Byram Drought Index <= 7.129
squared_error = 0.01
samples = 9603
value = 0.759
Buildup Index <= 0.625
squared_error = 0.0
samples = 5452
value = 0.057
Temperature <= 266.235
squared_error = 0.0
samples = 1192
value = 0.071
Buildup Index <= 0.625
squared_error = 0.003
samples = 4004
value = 0.115
NDVI <= 0.678
squared_error = 0.012
samples = 1371
value = 0.19
Low Vegetation Cover <= 0.001
squared_error = 0.006
samples = 1909
value = 0.322
Drought Index <= 154.375
squared_error = 0.007
samples = 3802
value = 0.214
Temperature <= 272.295
squared_error = 0.013
samples = 939
value = 0.222
NDVI <= 0.13
squared_error = 0.024
samples = 1766
value = 0.5
Buildup Index <= 39.625
squared_error = 0.005
samples = 1013
value = 0.264
Buildup Index <= 36.625
squared_error = 0.006
samples = 886
value = 0.394
Temperature <= 281.255
squared_error = 0.016
samples = 1378
value = 0.412
Drought Index <= 238.875
squared_error = 0.014
samples = 2361
value = 0.591
Monthly Precipitation <= 0.009
squared_error = 0.015
samples = 326
value = 0.278
Temperature <= 273.42
squared_error = 0.024
samples = 192
value = 0.518
Temperature <= 287.015
squared_error = 0.012
samples = 3735
value = 0.679
Drought Index <= 465.875
squared_error = 0.003
samples = 5868
value = 0.859
squared_error = 0.0
samples = 5343
value = 0.057
squared_error = 0.0
samples = 109
value = 0.079
squared_error = 0.0
samples = 944
value = 0.067
squared_error = 0.001
samples = 248
value = 0.085
squared_error = 0.002
samples = 3075
value = 0.102
squared_error = 0.005
samples = 929
value = 0.157
squared_error = 0.009
samples = 1161
value = 0.168
squared_error = 0.013
samples = 210
value = 0.316
squared_error = 0.005
samples = 200
value = 0.216
squared_error = 0.005
samples = 1709
value = 0.335
squared_error = 0.004
samples = 3046
value = 0.194
squared_error = 0.011
samples = 756
value = 0.293
squared_error = 0.004
samples = 387
value = 0.138
squared_error = 0.01
samples = 552
value = 0.282
squared_error = 0.011
samples = 206
value = 0.219
squared_error = 0.014
samples = 1560
value = 0.537
squared_error = 0.003
samples = 904
value = 0.251
squared_error = 0.008
samples = 109
value = 0.374
squared_error = 0.003
samples = 739
value = 0.374
squared_error = 0.009
samples = 147
value = 0.493
squared_error = 0.008
samples = 365
value = 0.301
squared_error = 0.013
samples = 1013
value = 0.453
squared_error = 0.013
samples = 864
value = 0.525
squared_error = 0.011
samples = 1497
value = 0.629
squared_error = 0.008
samples = 208
value = 0.212
squared_error = 0.008
samples = 118
value = 0.393
squared_error = 0.01
samples = 24
value = 0.224
squared_error = 0.012
samples = 168
value = 0.56
squared_error = 0.011
samples = 1400
value = 0.594
squared_error = 0.006
samples = 2335
value = 0.73
squared_error = 0.003
samples = 1749
value = 0.756
squared_error = 0.001
samples = 4119
value = 0.832


Tree cover, flooded, saline water
ROC AUC: 0.90
NDVI <= 0.894
squared_error = 0.065
samples = 27966
value = 0.237
True
False
Monthly Precipitation <= 0.023
squared_error = 0.078
samples = 11824
value = 0.416
Population Density <= 44.729
squared_error = 0.014
samples = 16142
value = 0.105
Population Density <= 51.671
squared_error = 0.041
samples = 7970
value = 0.563
Buildup Index <= 8.125
squared_error = 0.017
samples = 3854
value = 0.113
Keetch-Byram Drought Index <= 44.717
squared_error = 0.026
samples = 5489
value = 0.181
Population Density <= 1799.05
squared_error = 0.003
samples = 10653
value = 0.066
Monthly Precipitation <= 0.0
squared_error = 0.029
samples = 4053
value = 0.66
High Vegetation Cover <= 0.719
squared_error = 0.034
samples = 3917
value = 0.463
Monthly Precipitation <= 0.041
squared_error = 0.002
samples = 3090
value = 0.066
Population Density <= 17.97
squared_error = 0.036
samples = 764
value = 0.3
Monthly Precipitation <= 0.024
squared_error = 0.003
samples = 2815
value = 0.099
Low Vegetation Cover <= 0.118
squared_error = 0.035
samples = 2674
value = 0.268
Keetch-Byram Drought Index <= 6.291
squared_error = 0.005
samples = 6144
value = 0.086
Population Density <= 2400.95
squared_error = 0.0
samples = 4509
value = 0.037
Keetch-Byram Drought Index <= 147.865
squared_error = 0.035
samples = 737
value = 0.48
Drought Index <= 384.5
squared_error = 0.019
samples = 3316
value = 0.7
Drought Index <= 661.875
squared_error = 0.031
samples = 2120
value = 0.379
Fire Danger <= 4.778
squared_error = 0.019
samples = 1797
value = 0.562
Population Density <= 15.127
squared_error = 0.004
samples = 380
value = 0.141
Population Density <= 4.147
squared_error = 0.001
samples = 2710
value = 0.056
Buildup Index <= 9.375
squared_error = 0.011
samples = 137
value = 0.614
Monthly Precipitation <= 0.032
squared_error = 0.015
samples = 627
value = 0.231
Fire Danger <= 4.32
squared_error = 0.004
samples = 973
value = 0.145
Population Density <= 6.128
squared_error = 0.001
samples = 1842
value = 0.075
Population Density <= 30.566
squared_error = 0.015
samples = 2095
value = 0.207
High Vegetation Cover <= 0.525
squared_error = 0.048
samples = 579
value = 0.489
Monthly Precipitation <= 0.077
squared_error = 0.0
samples = 2447
value = 0.045
Population Density <= 545.44
squared_error = 0.006
samples = 3697
value = 0.114
Initial Spread Index <= 4.557
squared_error = 0.0
samples = 182
value = 0.051
Buildup Index <= 6.875
squared_error = 0.0
samples = 4327
value = 0.037
squared_error = 0.018
samples = 464
value = 0.37
squared_error = 0.008
samples = 273
value = 0.669
squared_error = 0.039
samples = 610
value = 0.529
squared_error = 0.006
samples = 2706
value = 0.739
squared_error = 0.013
samples = 1106
value = 0.296
squared_error = 0.034
samples = 1014
value = 0.47
squared_error = 0.024
samples = 477
value = 0.451
squared_error = 0.011
samples = 1320
value = 0.603
squared_error = 0.011
samples = 26
value = 0.266
squared_error = 0.002
samples = 354
value = 0.131
squared_error = 0.004
samples = 41
value = 0.225
squared_error = 0.0
samples = 2669
value = 0.053
squared_error = 0.01
samples = 11
value = 0.461
squared_error = 0.009
samples = 126
value = 0.627
squared_error = 0.018
samples = 277
value = 0.295
squared_error = 0.007
samples = 350
value = 0.181
squared_error = 0.002
samples = 812
value = 0.134
squared_error = 0.009
samples = 161
value = 0.201
squared_error = 0.003
samples = 302
value = 0.127
squared_error = 0.0
samples = 1540
value = 0.065
squared_error = 0.007
samples = 1550
value = 0.163
squared_error = 0.016
samples = 545
value = 0.332
squared_error = 0.036
samples = 279
value = 0.344
squared_error = 0.022
samples = 300
value = 0.623
squared_error = 0.0
samples = 954
value = 0.054
squared_error = 0.0
samples = 1493
value = 0.039
squared_error = 0.002
samples = 3185
value = 0.104
squared_error = 0.024
samples = 512
value = 0.177
squared_error = 0.0
samples = 160
value = 0.047
squared_error = 0.0
samples = 22
value = 0.078
squared_error = 0.0
samples = 1554
value = 0.039
squared_error = 0.0
samples = 2773
value = 0.035


Wetlands
ROC AUC: 0.95
Energy Release Component <= 5.5
squared_error = 0.127
samples = 6955
value = 0.342
True
False
Population Density <= 91.583
squared_error = 0.075
samples = 5072
value = 0.203
Population Density <= 3895.8
squared_error = 0.077
samples = 1883
value = 0.717
High Vegetation Cover <= 0.167
squared_error = 0.118
samples = 669
value = 0.645
Population Density <= 2182.7
squared_error = 0.034
samples = 4403
value = 0.136
Low Vegetation Cover <= 0.432
squared_error = 0.053
samples = 1762
value = 0.76
Fine Fuel Moisture Code <= 93.754
squared_error = 0.009
samples = 121
value = 0.088
Population Density <= 54.751
squared_error = 0.024
samples = 203
value = 0.191
Duff Moisture Code <= 1.375
squared_error = 0.03
samples = 466
value = 0.843
NDVI <= 0.756
squared_error = 0.057
samples = 1859
value = 0.228
Fine Fuel Moisture Code <= 93.435
squared_error = 0.006
samples = 2544
value = 0.069
Population Density <= 325.645
squared_error = 0.067
samples = 184
value = 0.394
Temperature <= 300.815
squared_error = 0.034
samples = 1578
value = 0.802
Population Density <= 3924.35
squared_error = 0.002
samples = 117
value = 0.074
Drought Index <= 650.5
squared_error = 0.027
samples = 4
value = 0.503
Low Vegetation Cover <= 0.77
squared_error = 0.009
samples = 165
value = 0.144
Population Density <= 65.572
squared_error = 0.037
samples = 38
value = 0.396
Fire Weather Index <= 0.367
squared_error = 0.017
samples = 15
value = 0.191
Low Vegetation Cover <= 0.4
squared_error = 0.016
samples = 451
value = 0.864
Buildup Index <= 20.625
squared_error = 0.074
samples = 1077
value = 0.316
Days Since Precipitation <= 2.5
squared_error = 0.008
samples = 782
value = 0.106
Low Vegetation Cover <= 0.922
squared_error = 0.004
samples = 2533
value = 0.066
Low Vegetation Cover <= 0.975
squared_error = 0.011
samples = 11
value = 0.756
NDVI <= 0.162
squared_error = 0.031
samples = 84
value = 0.588
Burning Index <= 13.1
squared_error = 0.039
samples = 100
value = 0.232
NDVI <= 0.094
squared_error = 0.016
samples = 1427
value = 0.833
Fire Weather Index <= 45.922
squared_error = 0.112
samples = 151
value = 0.51
NDVI <= 0.29
squared_error = 0.047
samples = 2
value = 0.284
Initial Spread Index <= 9.321
squared_error = 0.0
samples = 115
value = 0.07
Fire Weather Index <= 59.5
squared_error = 0.009
samples = 2
value = 0.643
Duff Moisture Code <= 309.875
squared_error = 0.007
samples = 2
value = 0.364
squared_error = 0.005
samples = 157
value = 0.131
squared_error = 0.012
samples = 8
value = 0.411
squared_error = 0.019
samples = 25
value = 0.505
squared_error = 0.004
samples = 13
value = 0.187
squared_error = 0.005
samples = 14
value = 0.162
squared_error = 0.0
samples = 1
value = 0.594
squared_error = 0.052
samples = 73
value = 0.682
squared_error = 0.001
samples = 378
value = 0.9
squared_error = 0.034
samples = 556
value = 0.184
squared_error = 0.079
samples = 521
value = 0.456
squared_error = 0.004
samples = 731
value = 0.096
squared_error = 0.042
samples = 51
value = 0.25
squared_error = 0.001
samples = 2313
value = 0.058
squared_error = 0.031
samples = 220
value = 0.152
squared_error = 0.003
samples = 5
value = 0.647
squared_error = 0.0
samples = 6
value = 0.847
squared_error = 0.019
samples = 14
value = 0.342
squared_error = 0.019
samples = 70
value = 0.637
squared_error = 0.016
samples = 80
value = 0.168
squared_error = 0.048
samples = 20
value = 0.487
squared_error = 0.017
samples = 22
value = 0.526
squared_error = 0.014
samples = 1405
value = 0.838
squared_error = 0.052
samples = 87
value = 0.268
squared_error = 0.007
samples = 64
value = 0.839
squared_error = 0.0
samples = 1
value = 0.066
squared_error = 0.0
samples = 1
value = 0.501
squared_error = 0.0
samples = 99
value = 0.064
squared_error = 0.0
samples = 16
value = 0.107
squared_error = 0.0
samples = 1
value = 0.738
squared_error = 0.0
samples = 1
value = 0.549
squared_error = 0.0
samples = 1
value = 0.446
squared_error = 0.0
samples = 1
value = 0.282