Appendix E. Tehama IHM Simulated Groundwater Levels

APPENDIX E

Tehama IHM Simulated Groundwater Levels

E-1 Historical Model Results

E-2 Projected (Current Land Use) Model Results

E-3 Projected (Future Land Use) Model Results

E-4 Projected (Current Land Use) with Climate Change (2030) Model Results

E-5 Projected (Current Land Use) with Climate Change (2070) Model Results

E-6 Projected (Future Land Use) with Climate Change (2030) Model Results

E-7 Projected (Future Land Use) with Climate Change (2070) Model Results

E-8 Projected (Future Land Use) with Projects and Climate Change (2070) Model Results

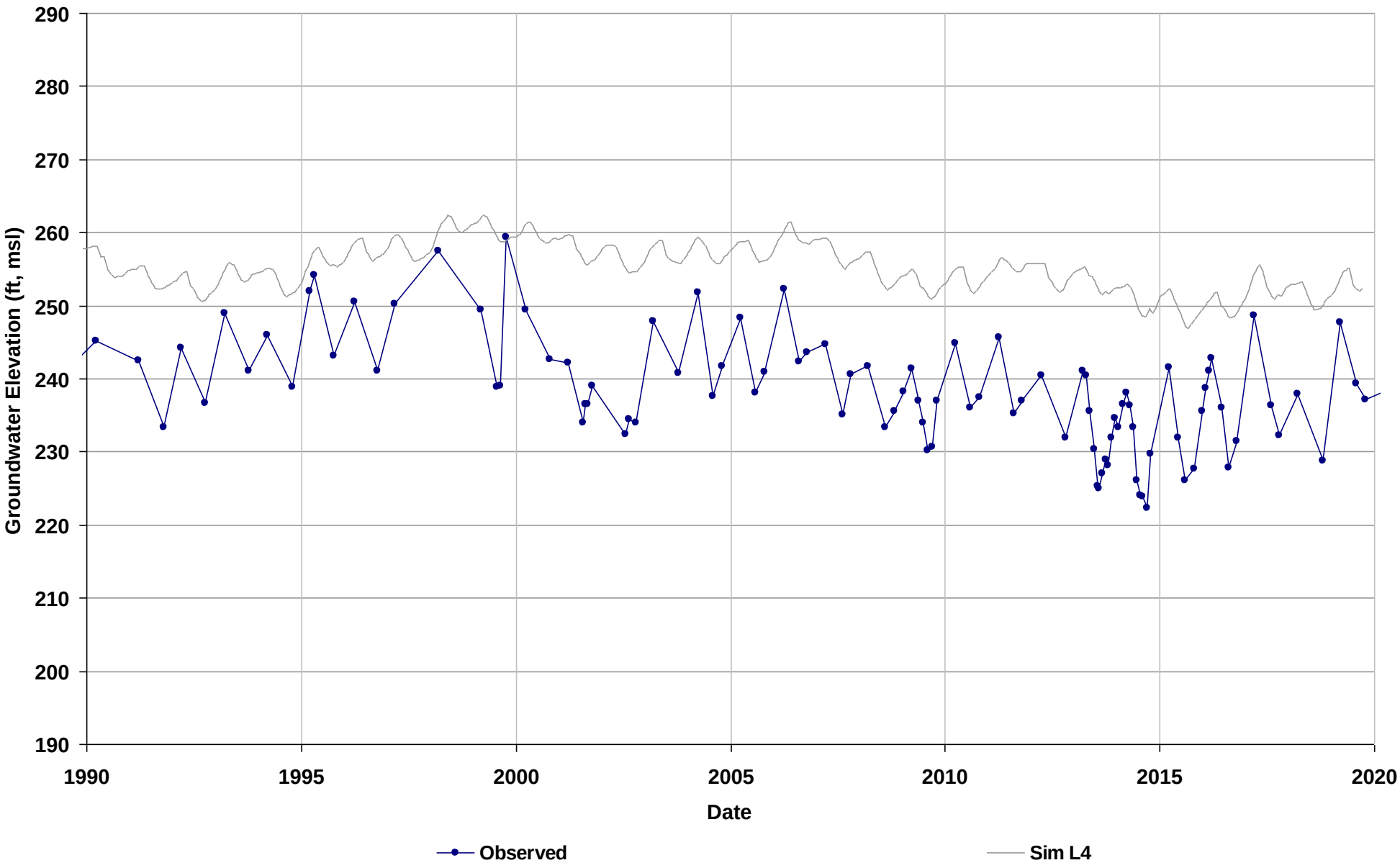
APPENDIX E-1

Tehama IHM Simulated Groundwater Levels:

Historical Model Results

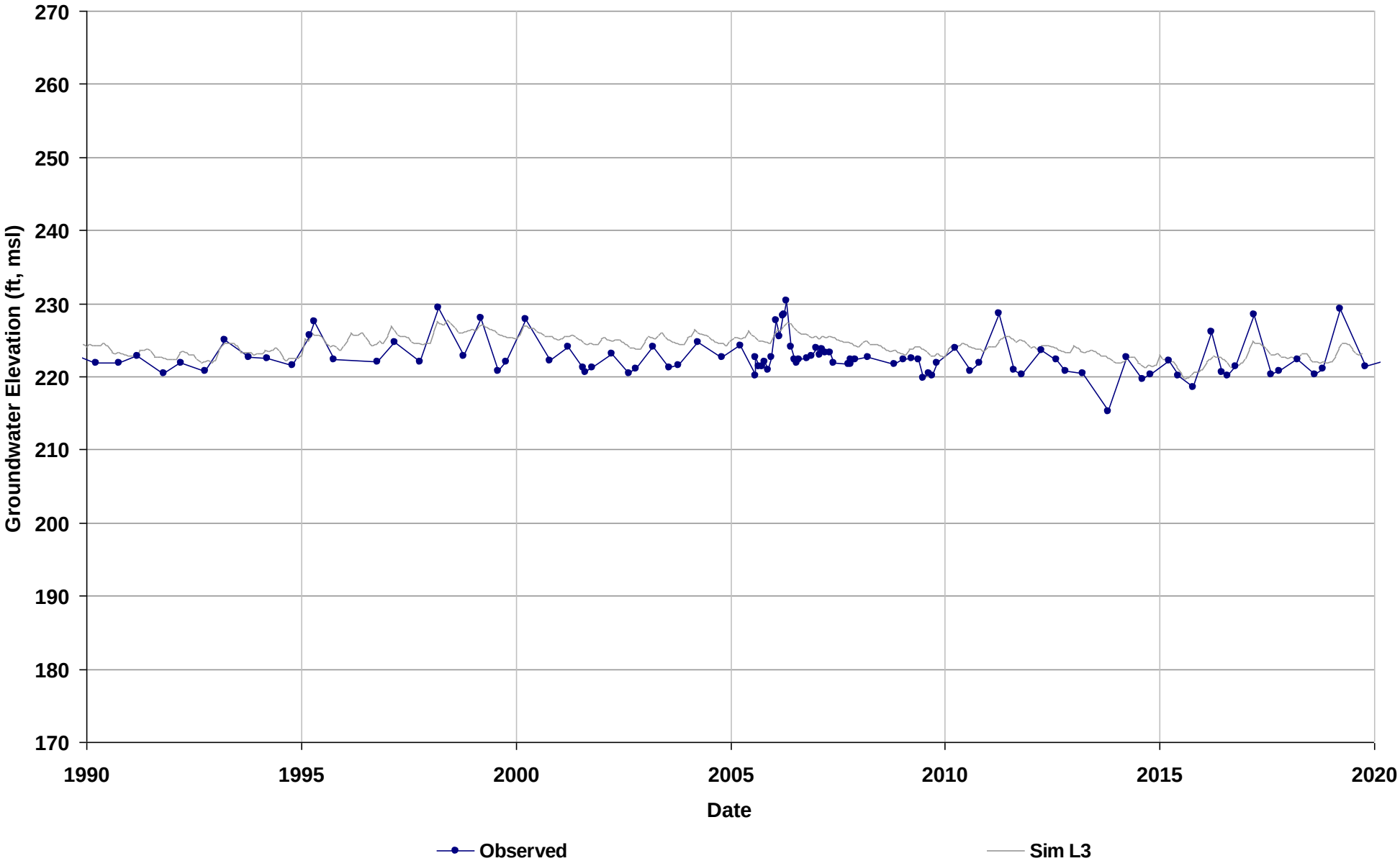
Well Name: 27N03W23D001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 271

Total Depth (ft): 250
Perf Top (ft): 30
Perf Bottom (ft): 155
Top Model Layer: 4
Bottom Model Layer: 4



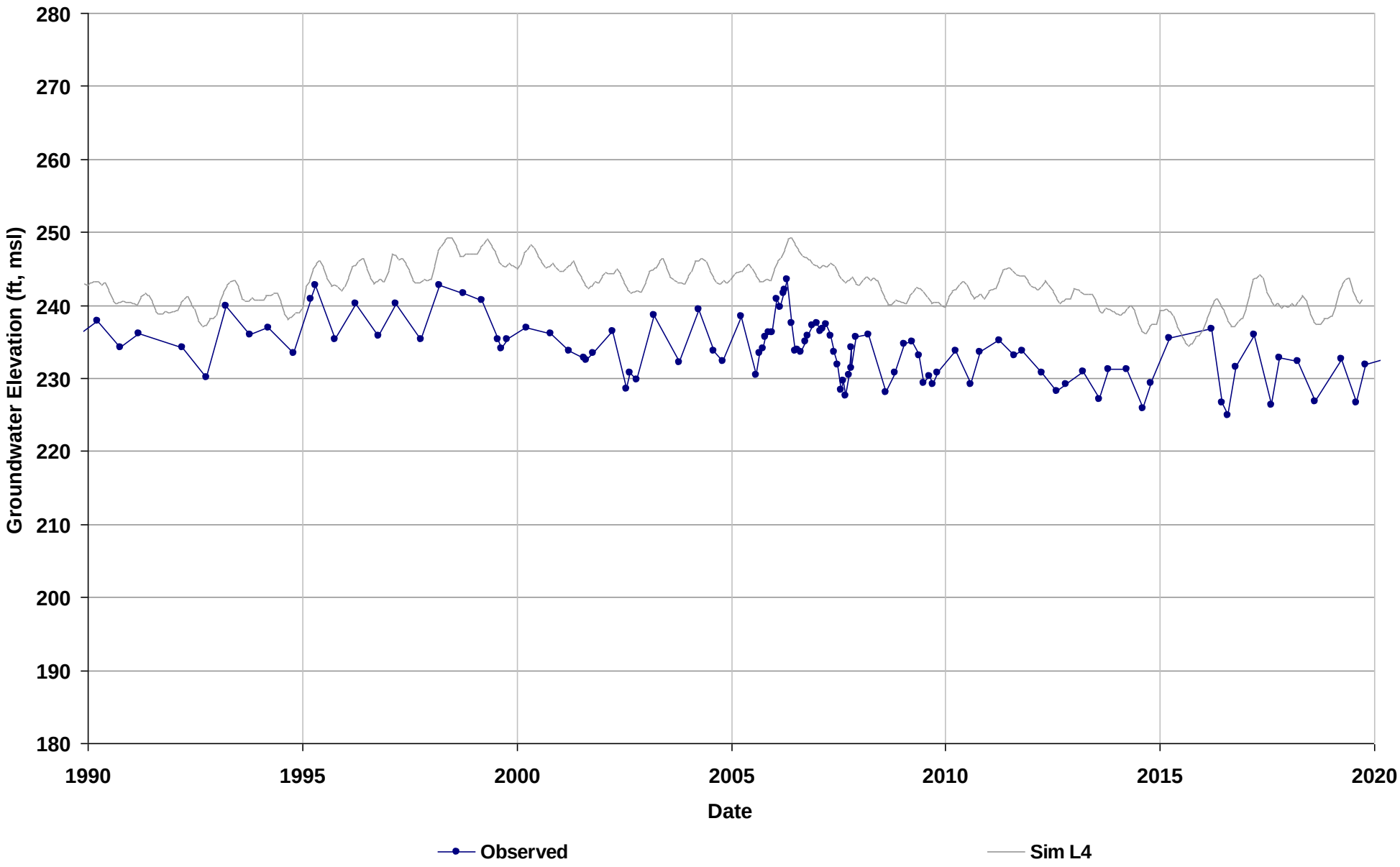
Well Name: 26N02W17E001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 240

Total Depth (ft): 145
Perf Top (ft): 55
Perf Bottom (ft): 145
Top Model Layer: 3
Bottom Model Layer: 3



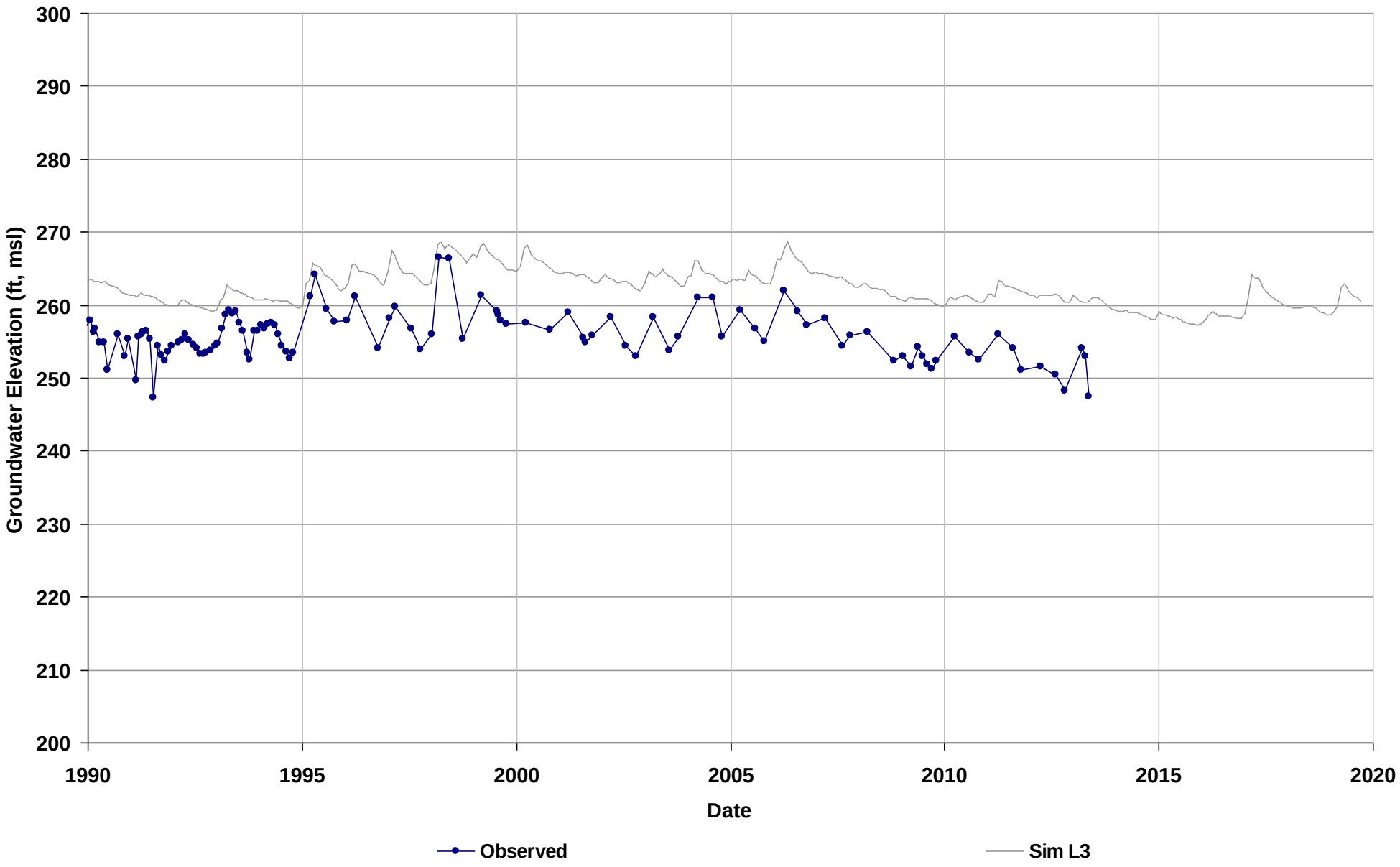
Well Name: 27N02W31C001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 263

Total Depth (ft): 540
Perf Top (ft): 40
Perf Bottom (ft): 289
Top Model Layer: 4
Bottom Model Layer: 4



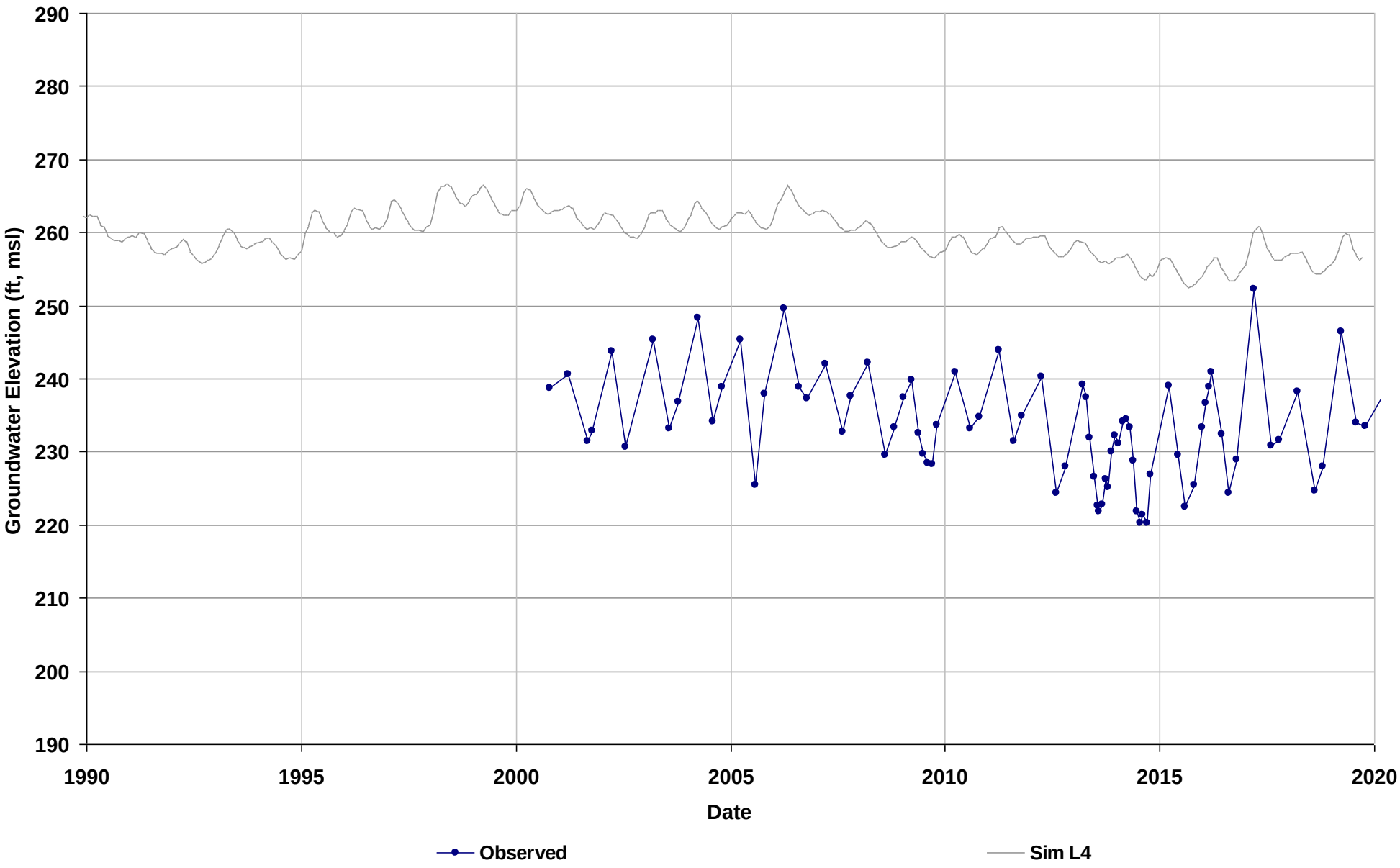
Well Name: 27N03W10B001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 312

Total Depth (ft): 92
Perf Top (ft): 80
Perf Bottom (ft): 92
Top Model Layer: 3
Bottom Model Layer: 3



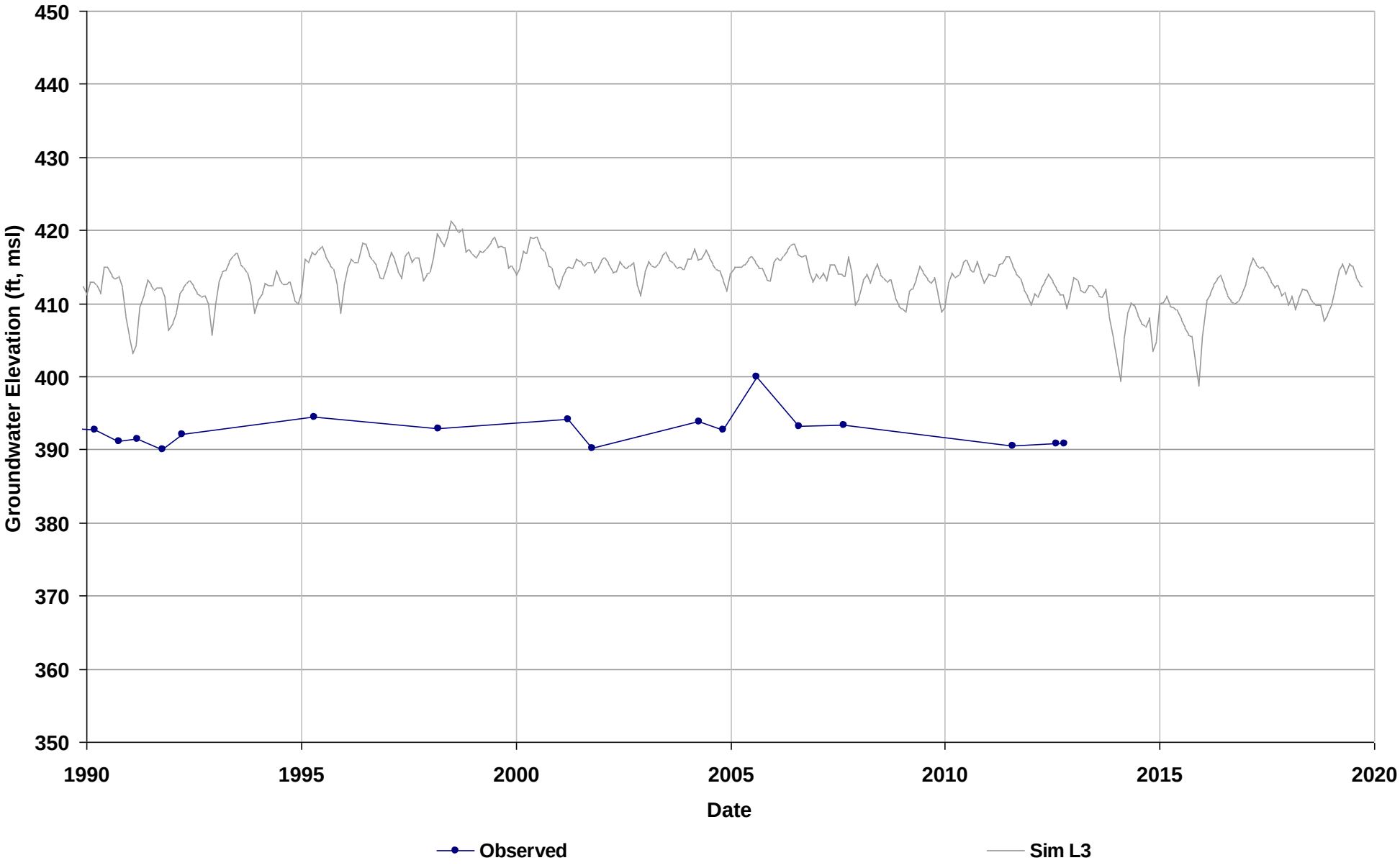
Well Name: 27N03W16K003M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 273

Total Depth (ft): 137
Perf Top (ft): 117
Perf Bottom (ft): 137
Top Model Layer: 4
Bottom Model Layer: 4



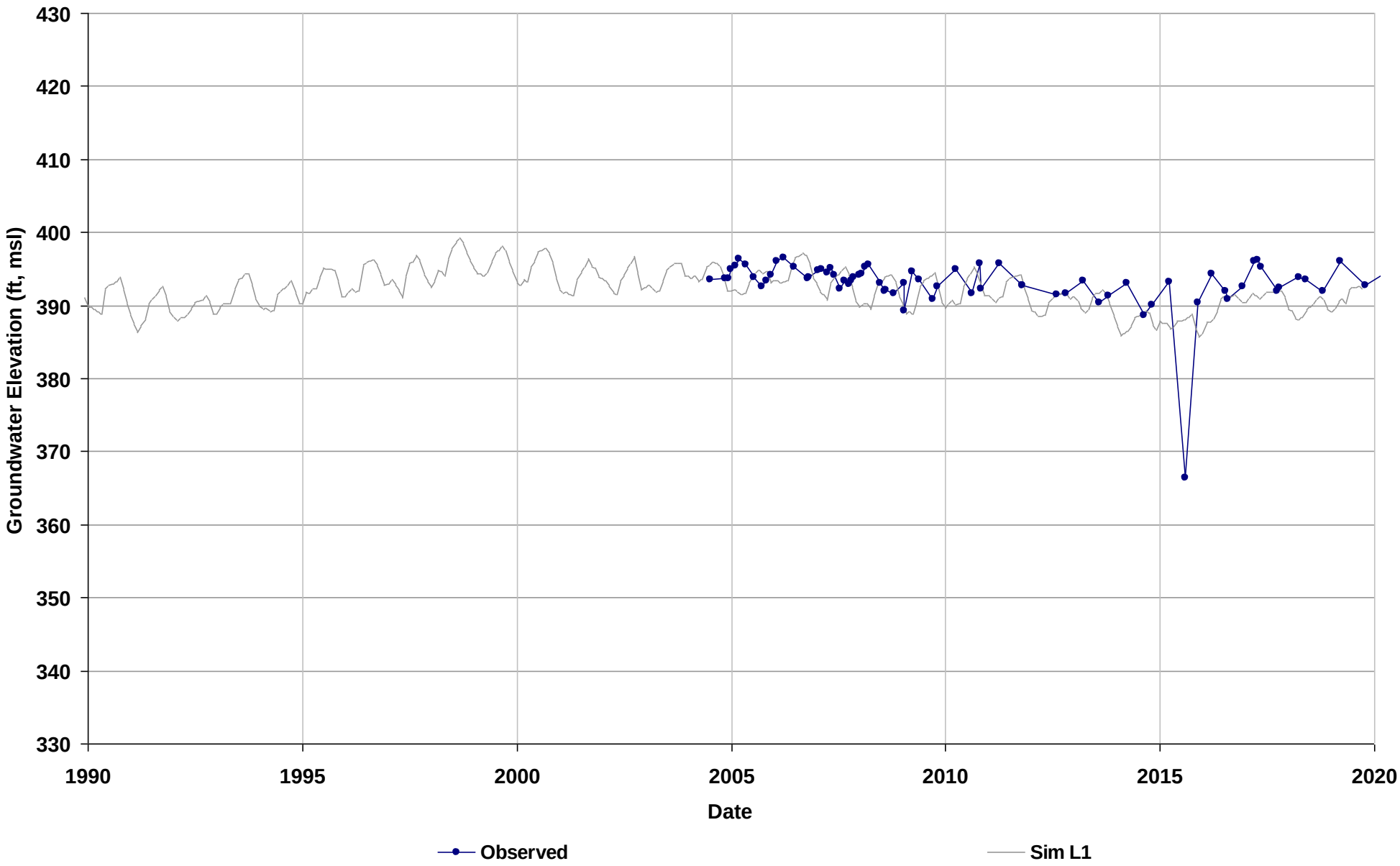
Well Name: 29N04W15E002M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 427

Total Depth (ft): 90
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



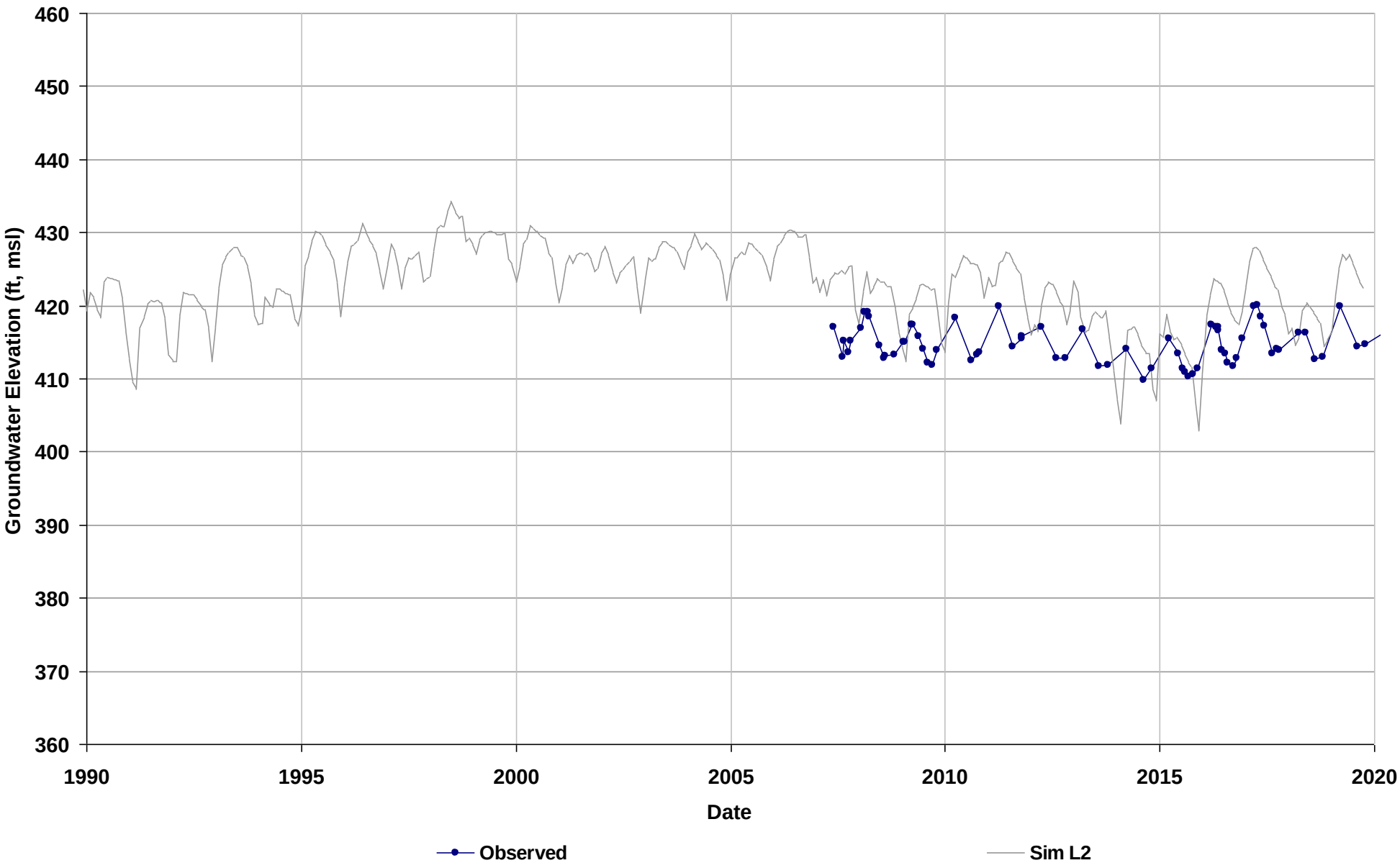
Well Name: 29N03W18M001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 418

Total Depth (ft): 234
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Well Name: 29N04W20A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

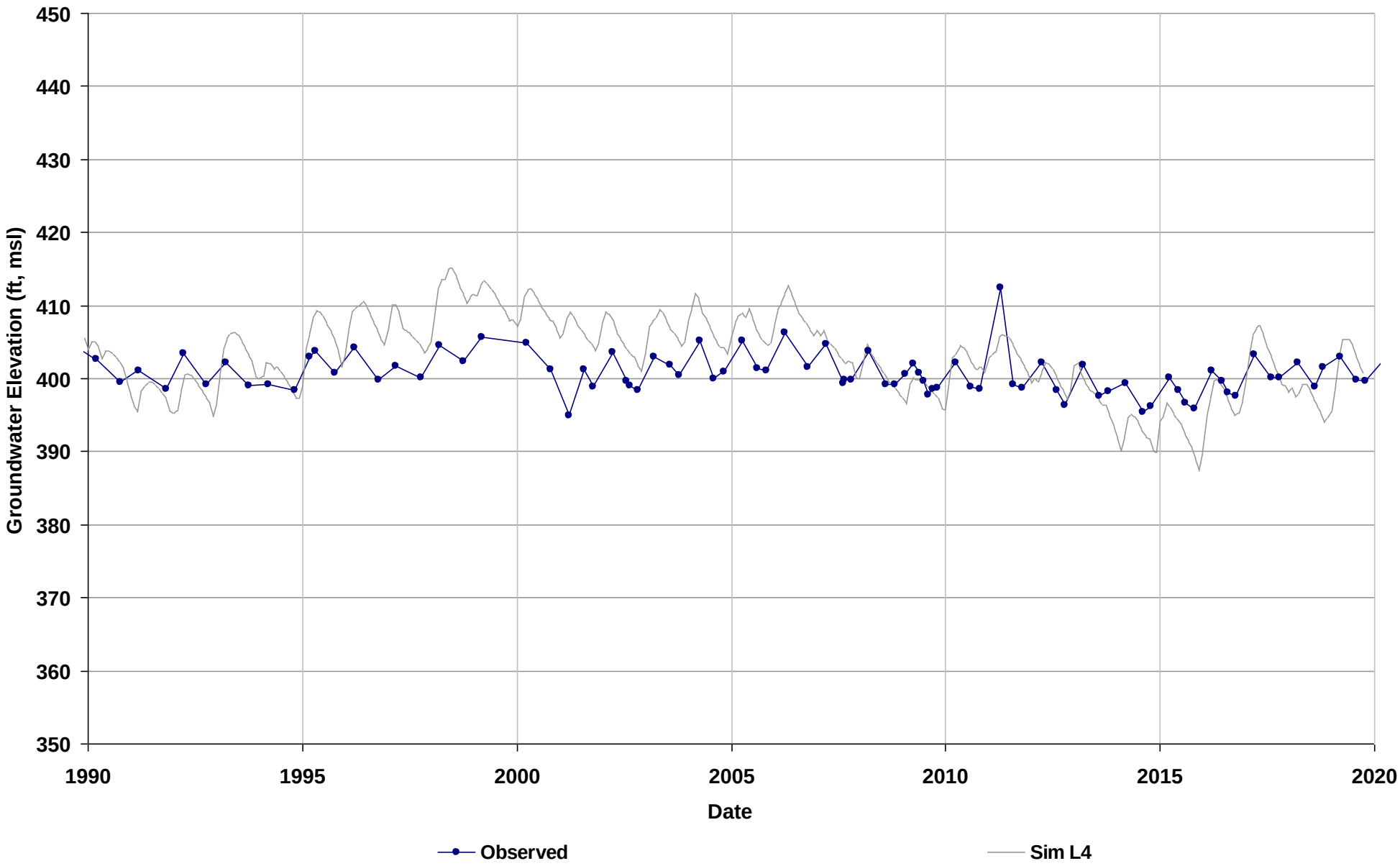
Total Depth (ft): 76
Perf Top (ft): 50
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Historical

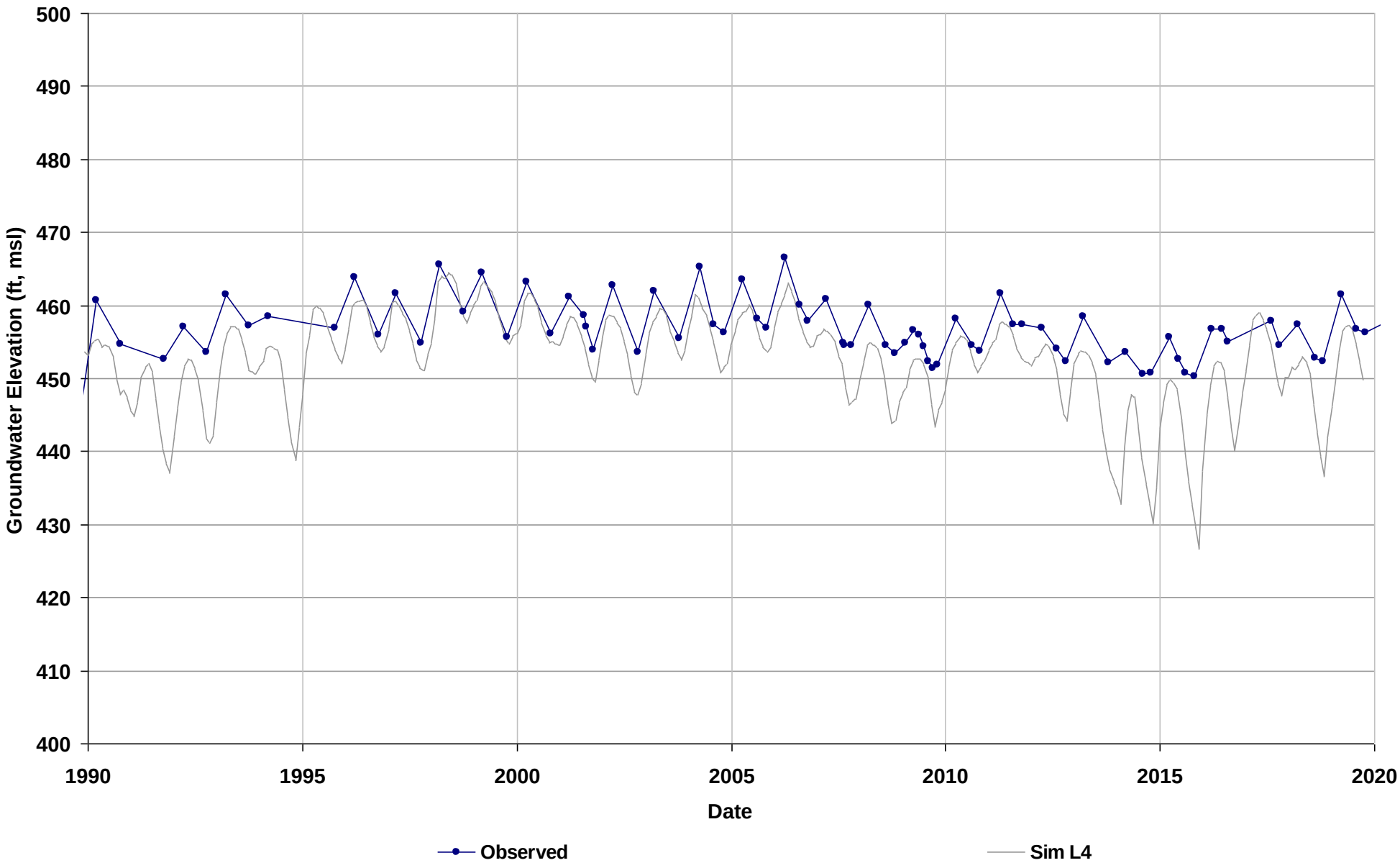
Well Name: 29N04W28D001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 502

Total Depth (ft): 134
Perf Top (ft): 114
Perf Bottom (ft): 134
Top Model Layer: 4
Bottom Model Layer: 4



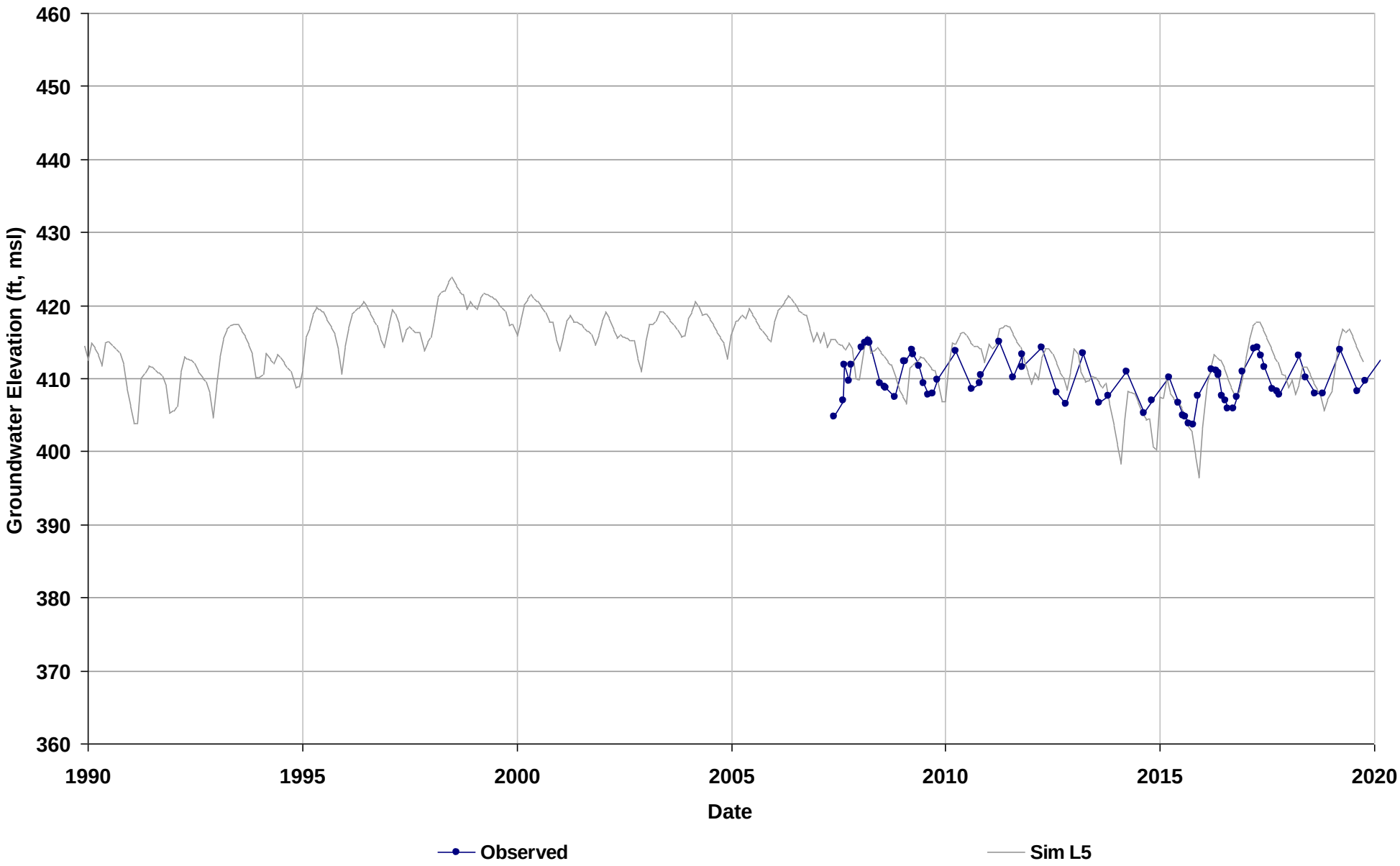
Well Name: 29N05W14L001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 492

Total Depth (ft): 130
Perf Top (ft): 110
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



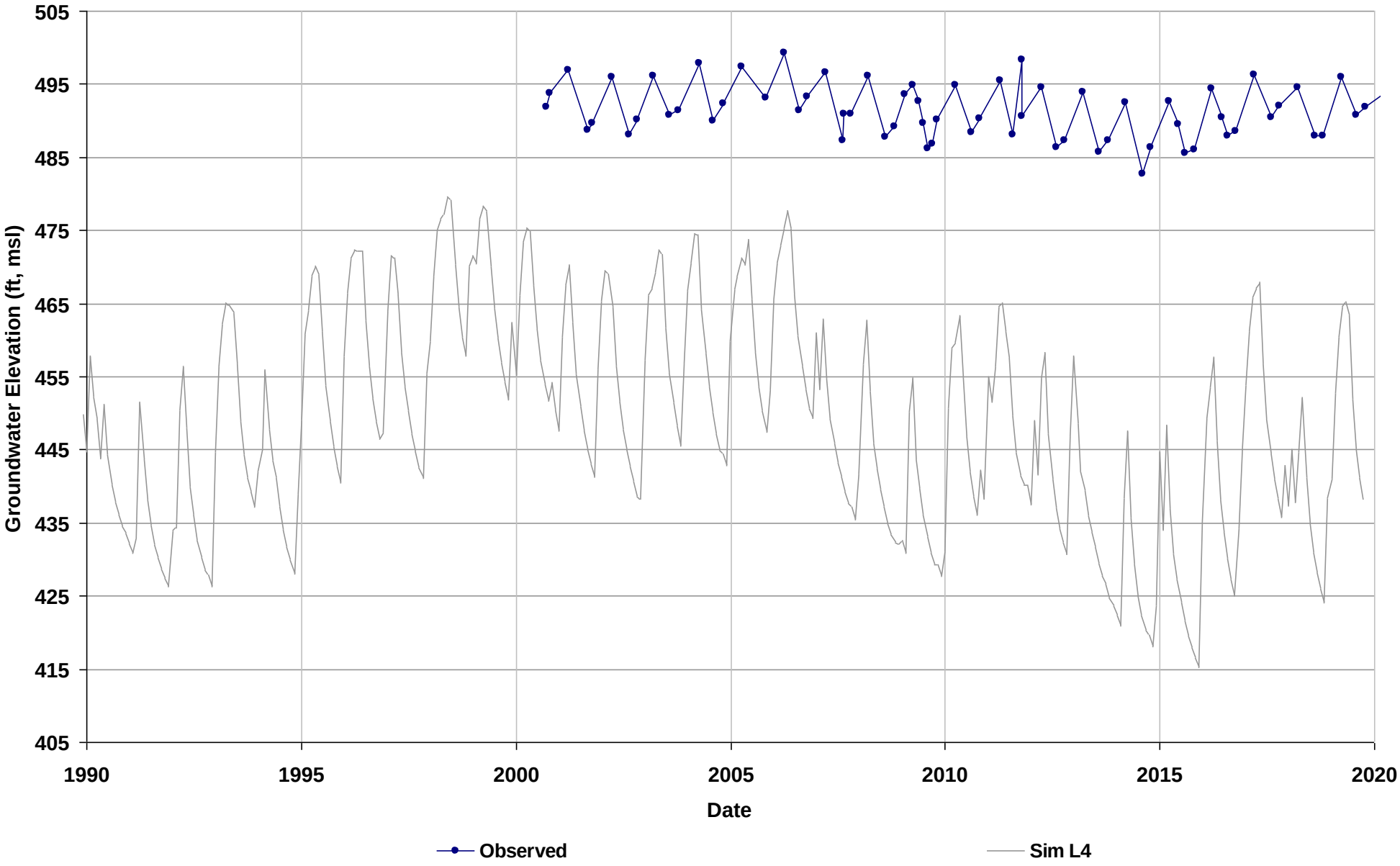
Well Name: 29N04W20A003M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 194
Perf Top (ft): 154
Perf Bottom (ft): 189
Top Model Layer: 5
Bottom Model Layer: 5



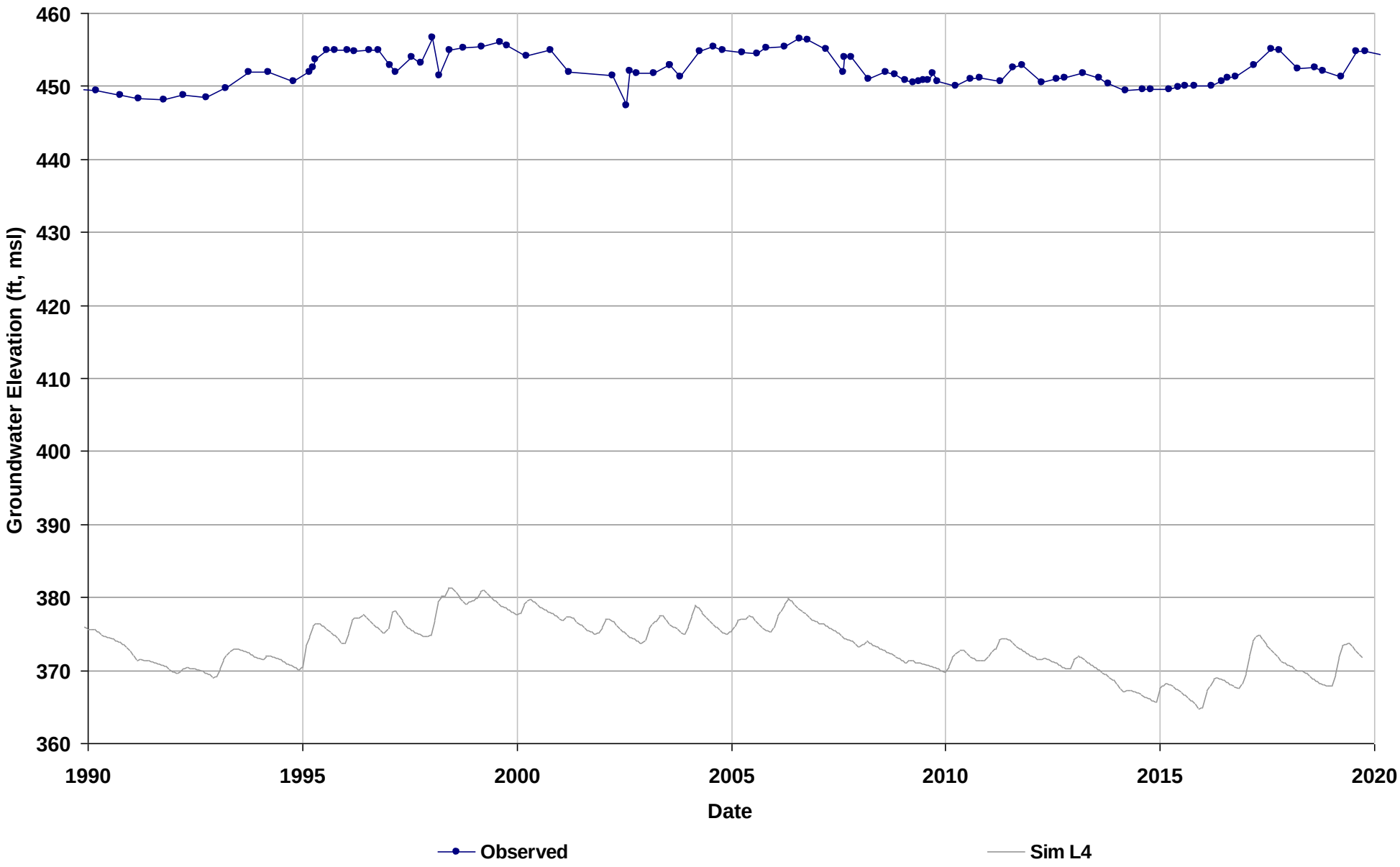
Well Name: 29N05W33A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 534

Total Depth (ft): 210
Perf Top (ft): 110
Perf Bottom (ft): 210
Top Model Layer: 4
Bottom Model Layer: 4



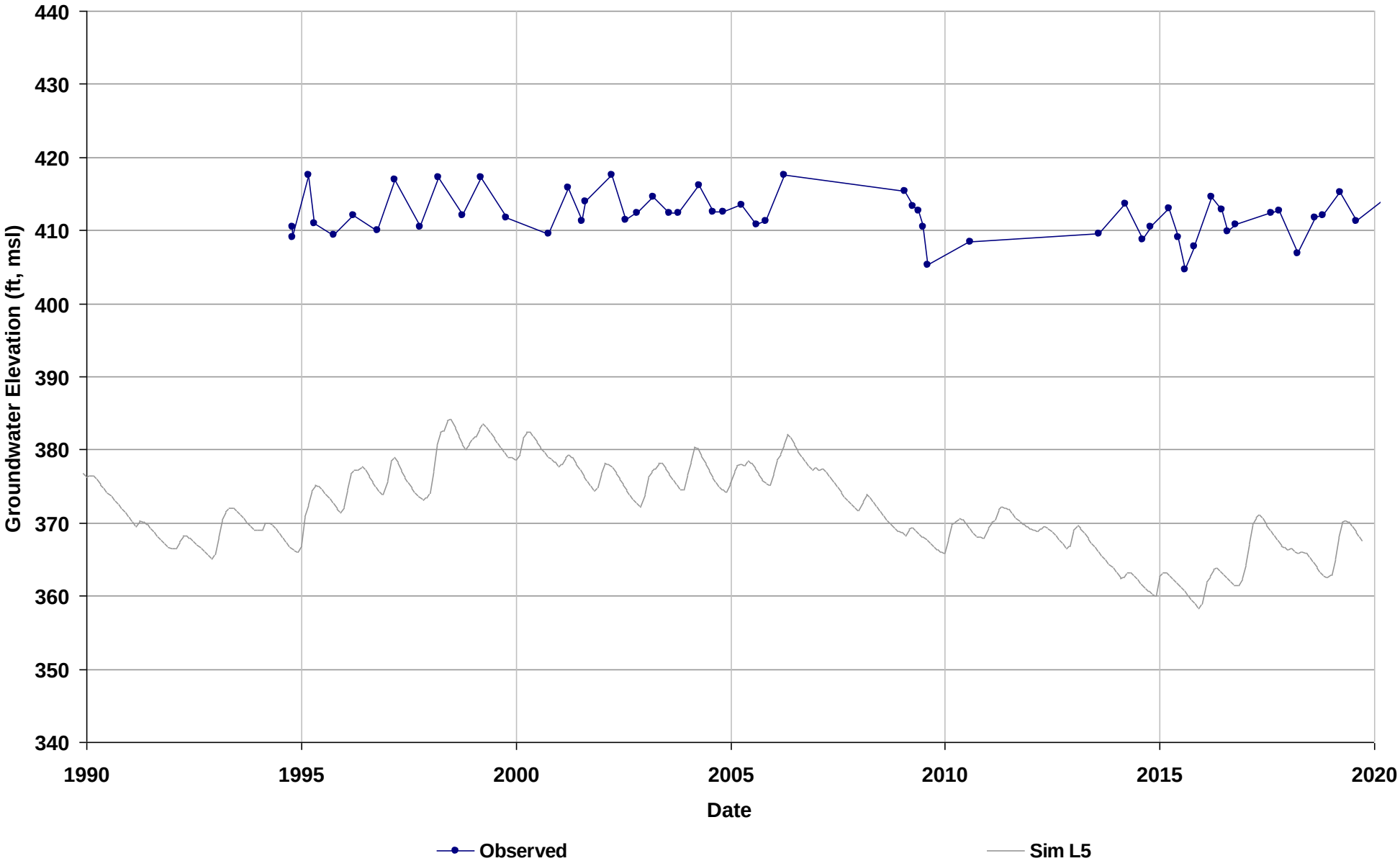
Well Name: 29N04W35B001M
Depth Zone: Composite
Subbasin: Bowman
GSE (ft, msl): 537

Total Depth (ft): 759
Perf Top (ft): 130
Perf Bottom (ft): 759
Top Model Layer: 4
Bottom Model Layer: 4



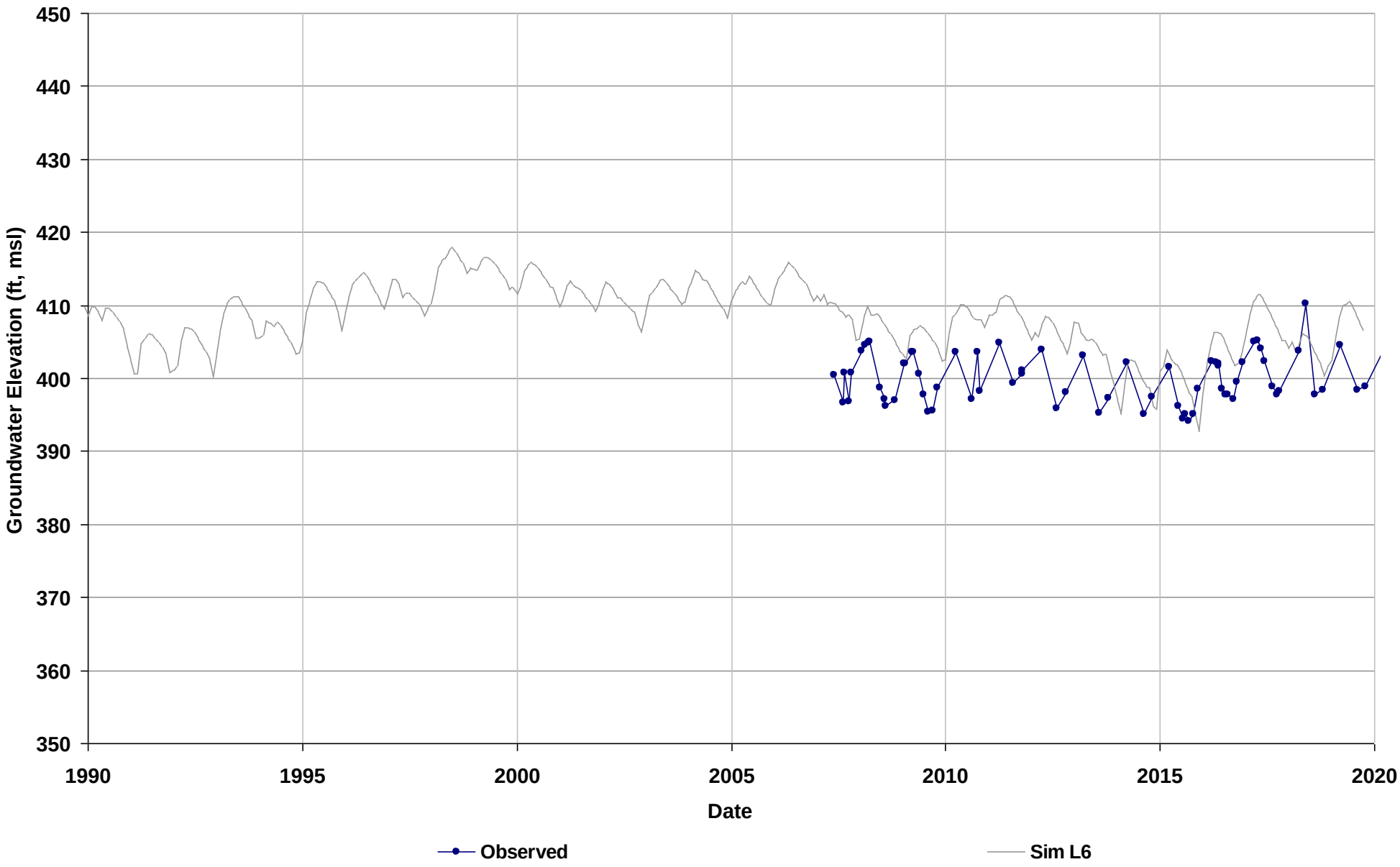
Well Name: 28N04W04P001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 537

Total Depth (ft): 270
Perf Top (ft): 200
Perf Bottom (ft): 270
Top Model Layer: 5
Bottom Model Layer: 5



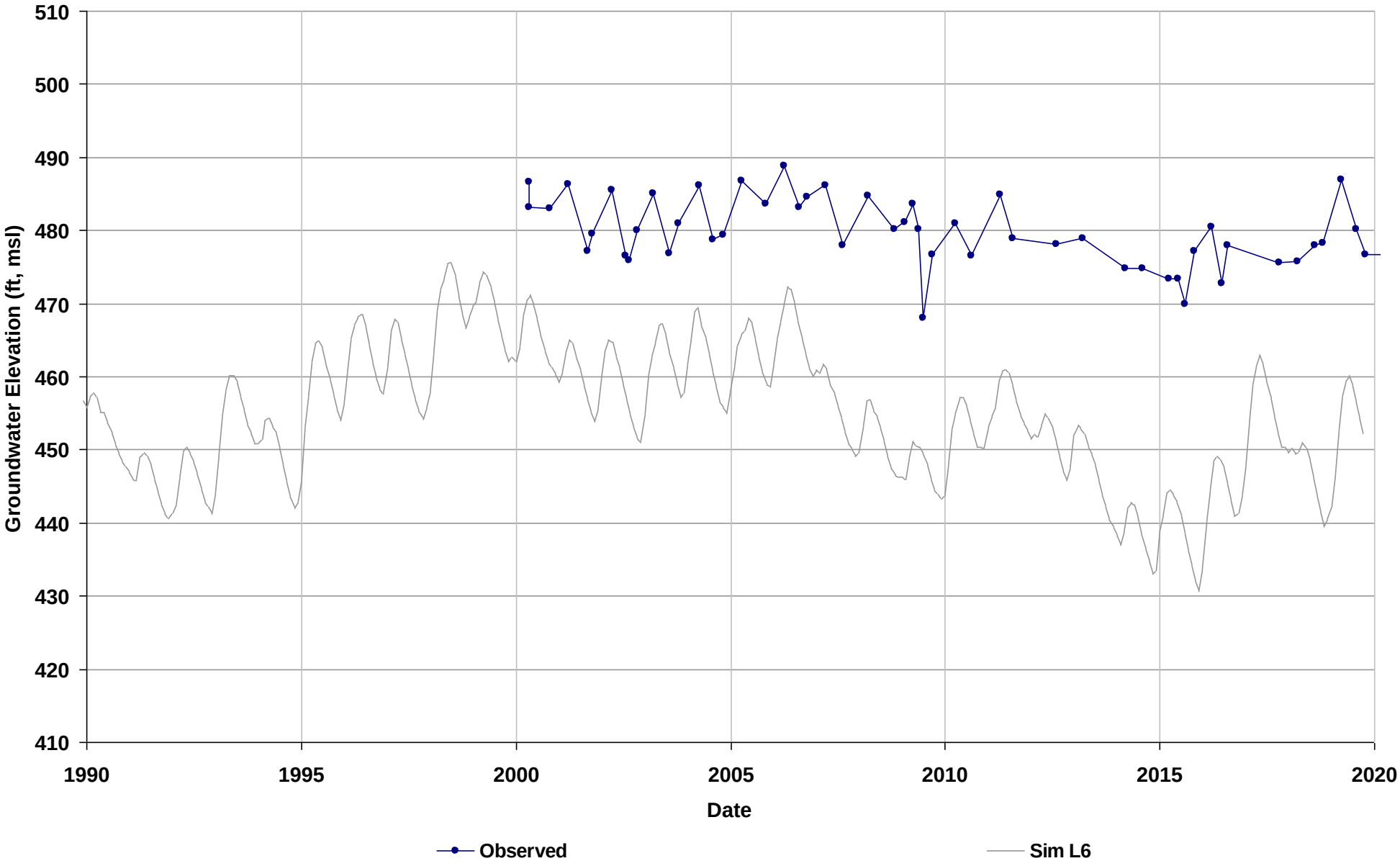
Well Name: 29N04W20A002M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 451
Perf Top (ft): 360
Perf Bottom (ft): 430
Top Model Layer: 6
Bottom Model Layer: 6



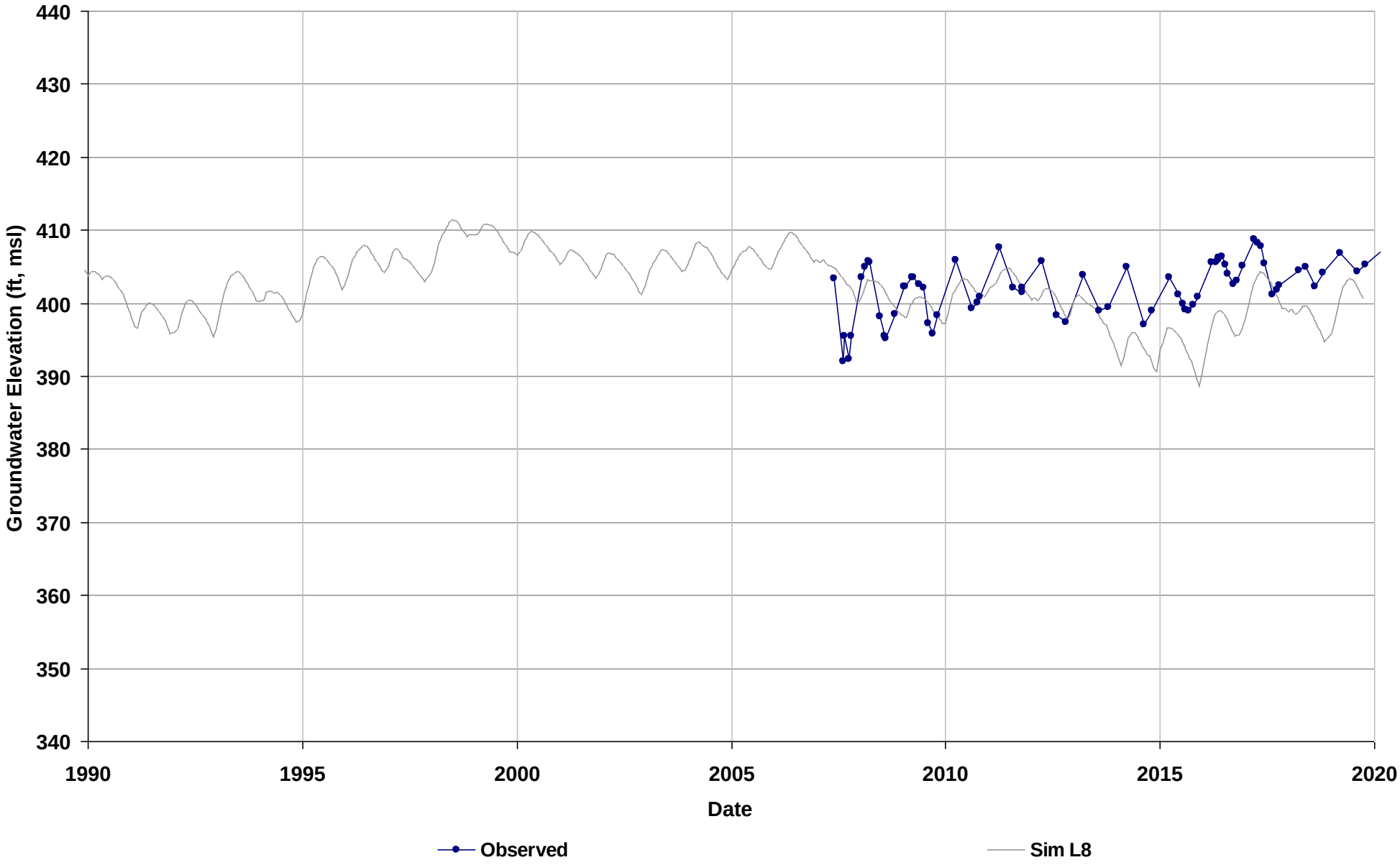
Well Name: 29N05W21H001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 622

Total Depth (ft): 280
Perf Top (ft): 250
Perf Bottom (ft): 280
Top Model Layer: 6
Bottom Model Layer: 6



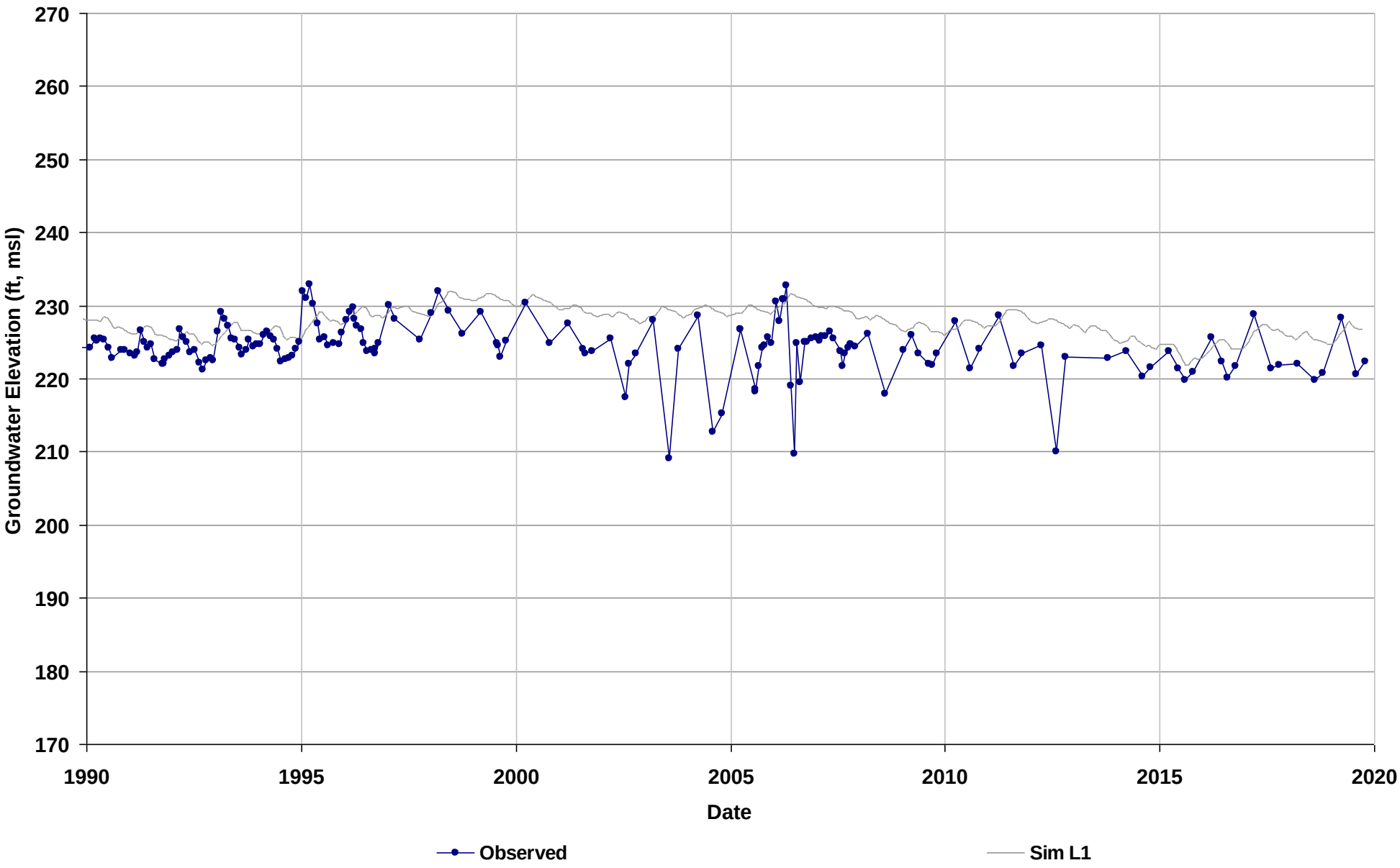
Well Name: 29N04W20A001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 876
Perf Top (ft): 755
Perf Bottom (ft): 855
Top Model Layer: 8
Bottom Model Layer: 8



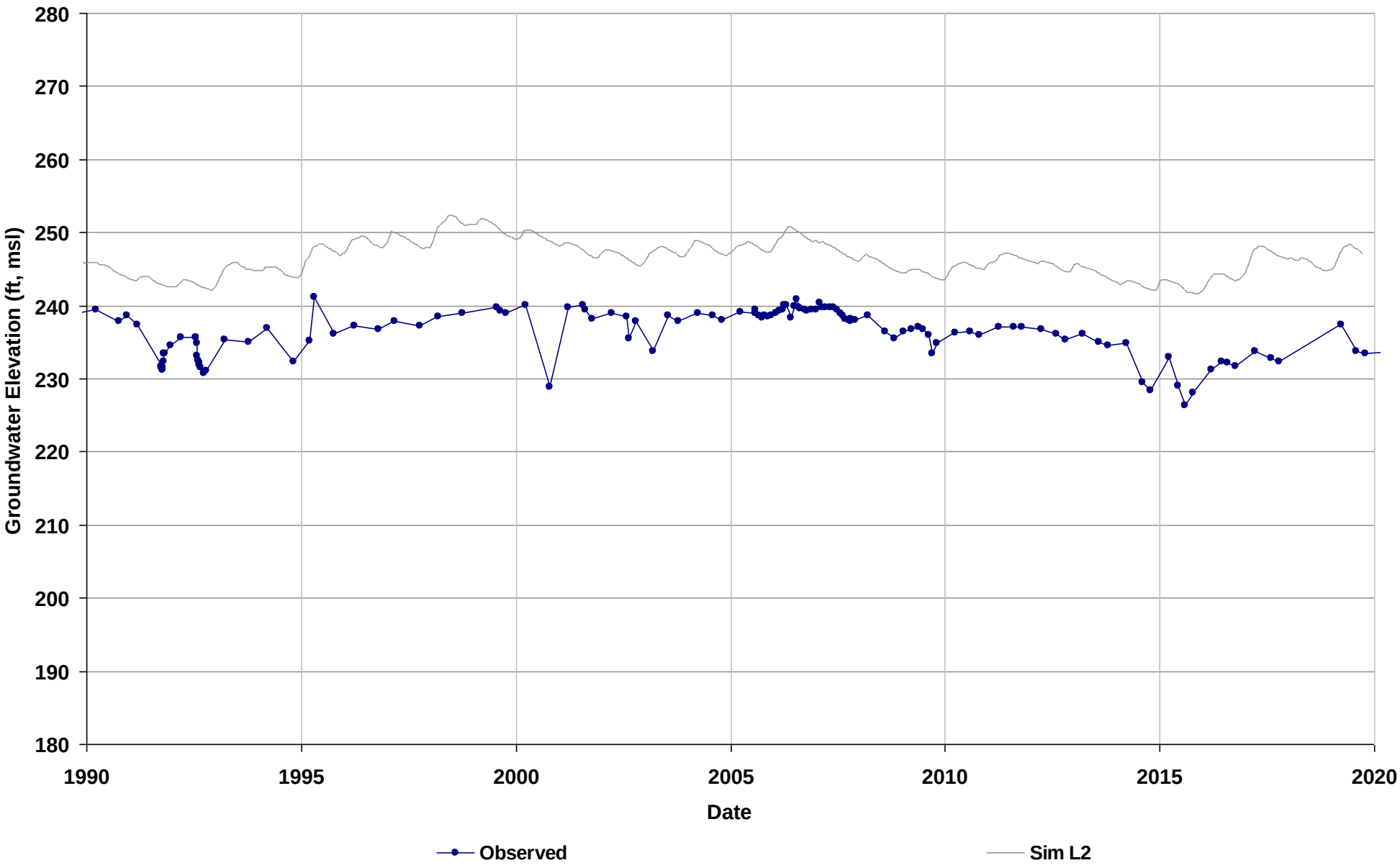
Well Name: 26N02W16C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 242

Total Depth (ft): 50
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



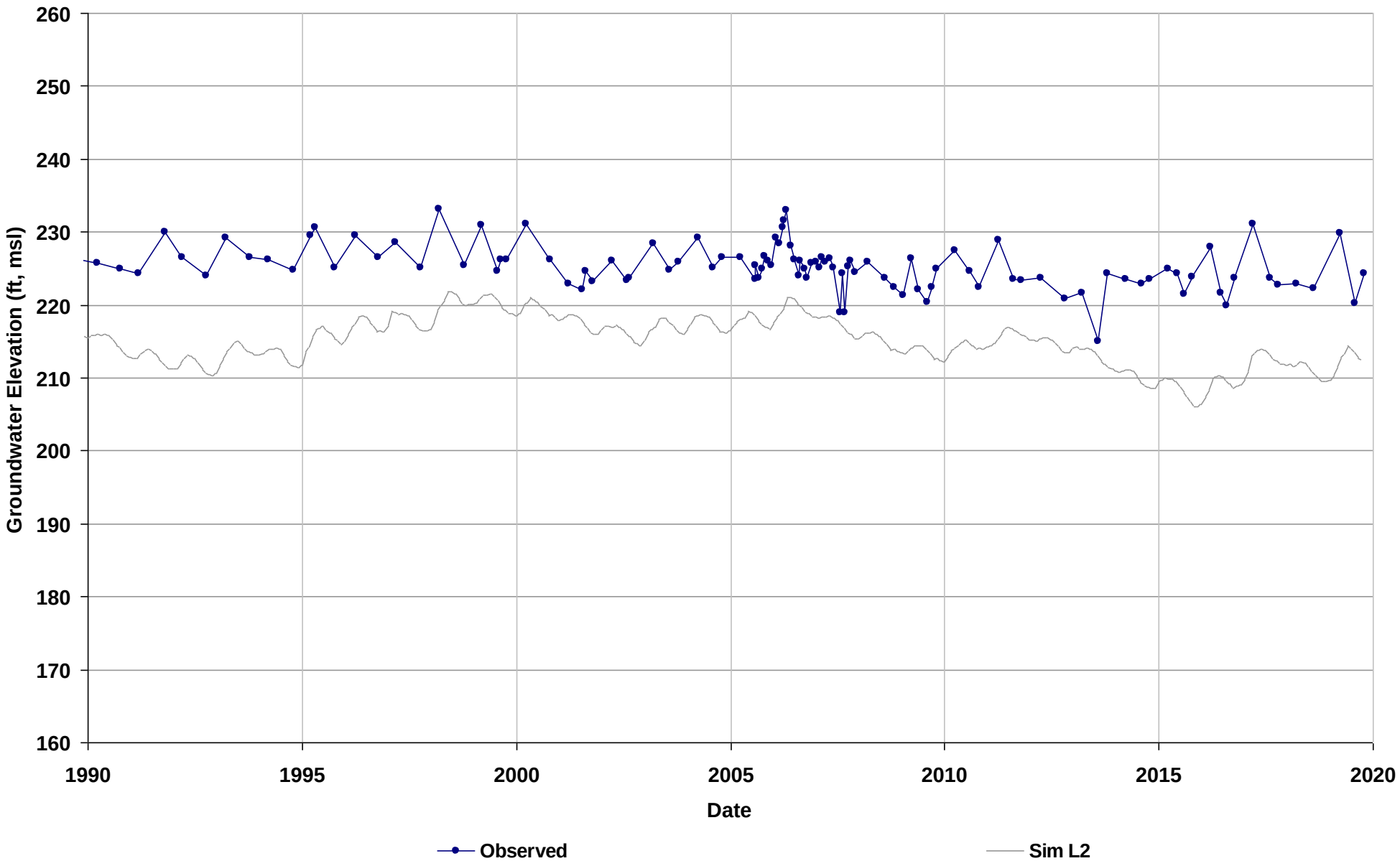
Well Name: 26N02W14G001M
Depth Zone: Likely Composite
Subbasin: Los Molinos
GSE (ft, msl): 314

Total Depth (ft): 394
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



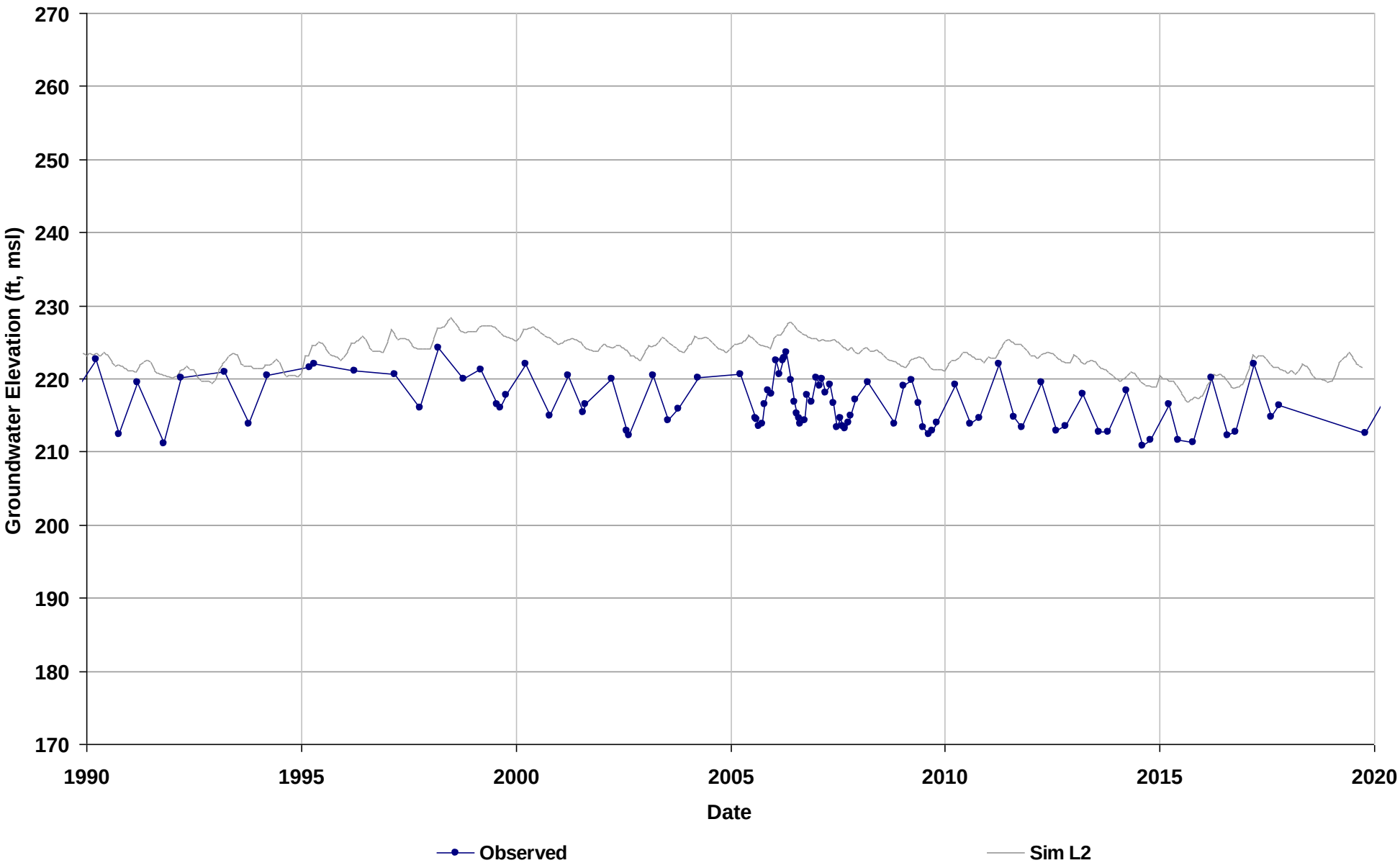
Well Name: 25N02W09G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 264

Total Depth (ft): 60
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



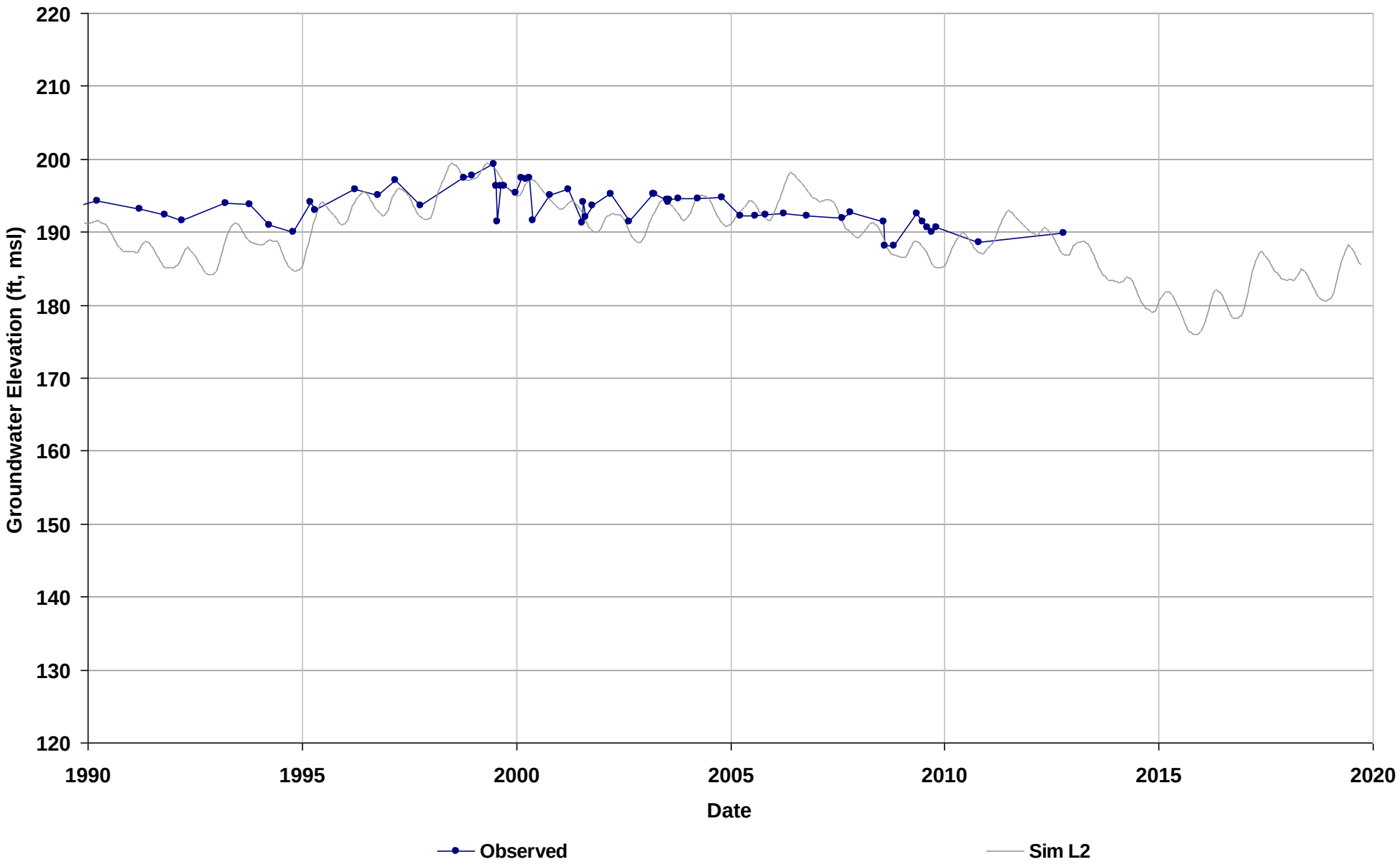
Well Name: 26N02W21Q001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 237

Total Depth (ft): 55
Perf Top (ft): 48
Perf Bottom (ft): 55
Top Model Layer: 2
Bottom Model Layer: 2



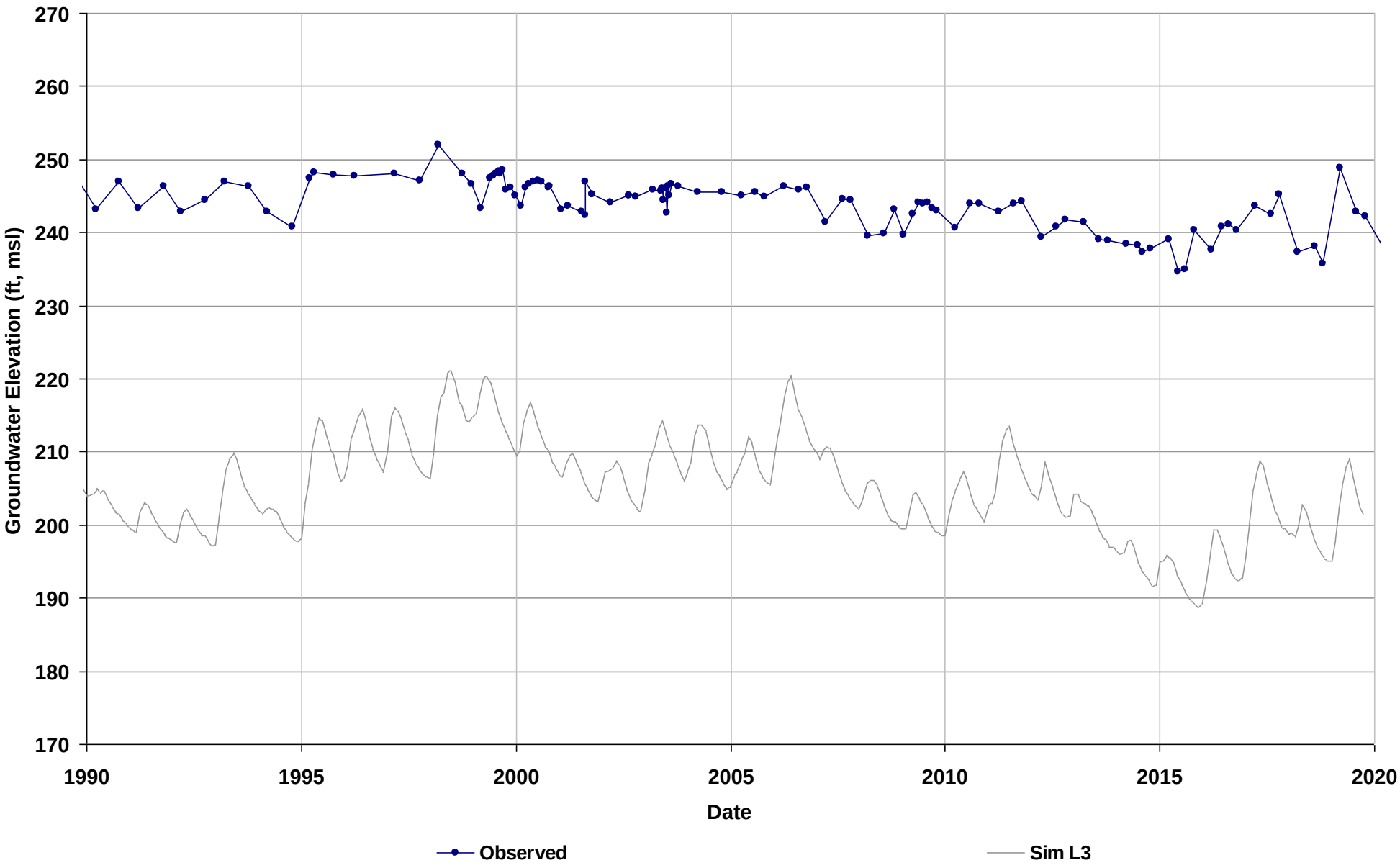
Well Name: 24N01W18N001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 256

Total Depth (ft): 102
Perf Top (ft): 64
Perf Bottom (ft): 76
Top Model Layer: 2
Bottom Model Layer: 2



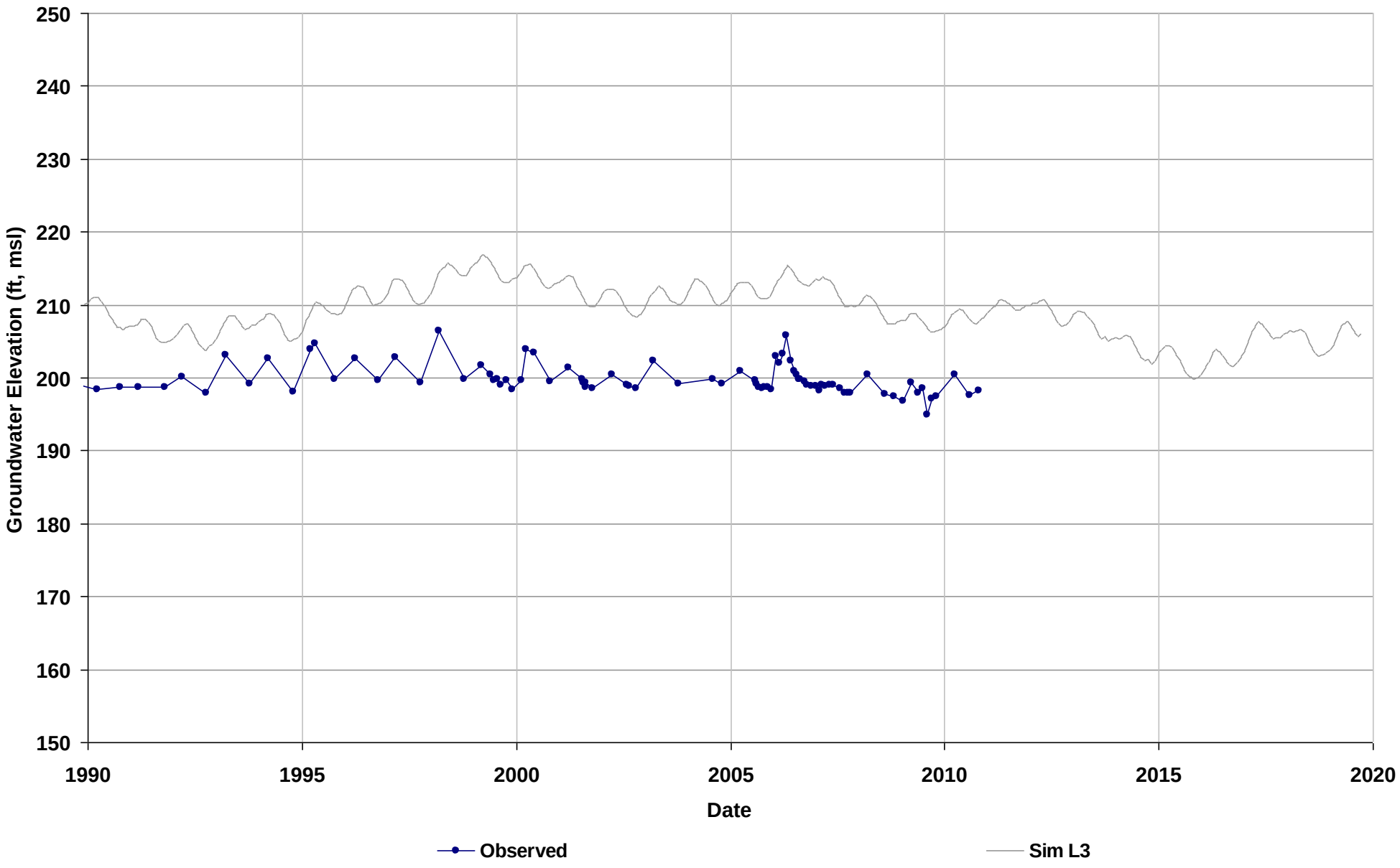
Well Name: 24N01W05Q002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 289

Total Depth (ft): 150
Perf Top (ft): 60
Perf Bottom (ft): 150
Top Model Layer: 3
Bottom Model Layer: 3



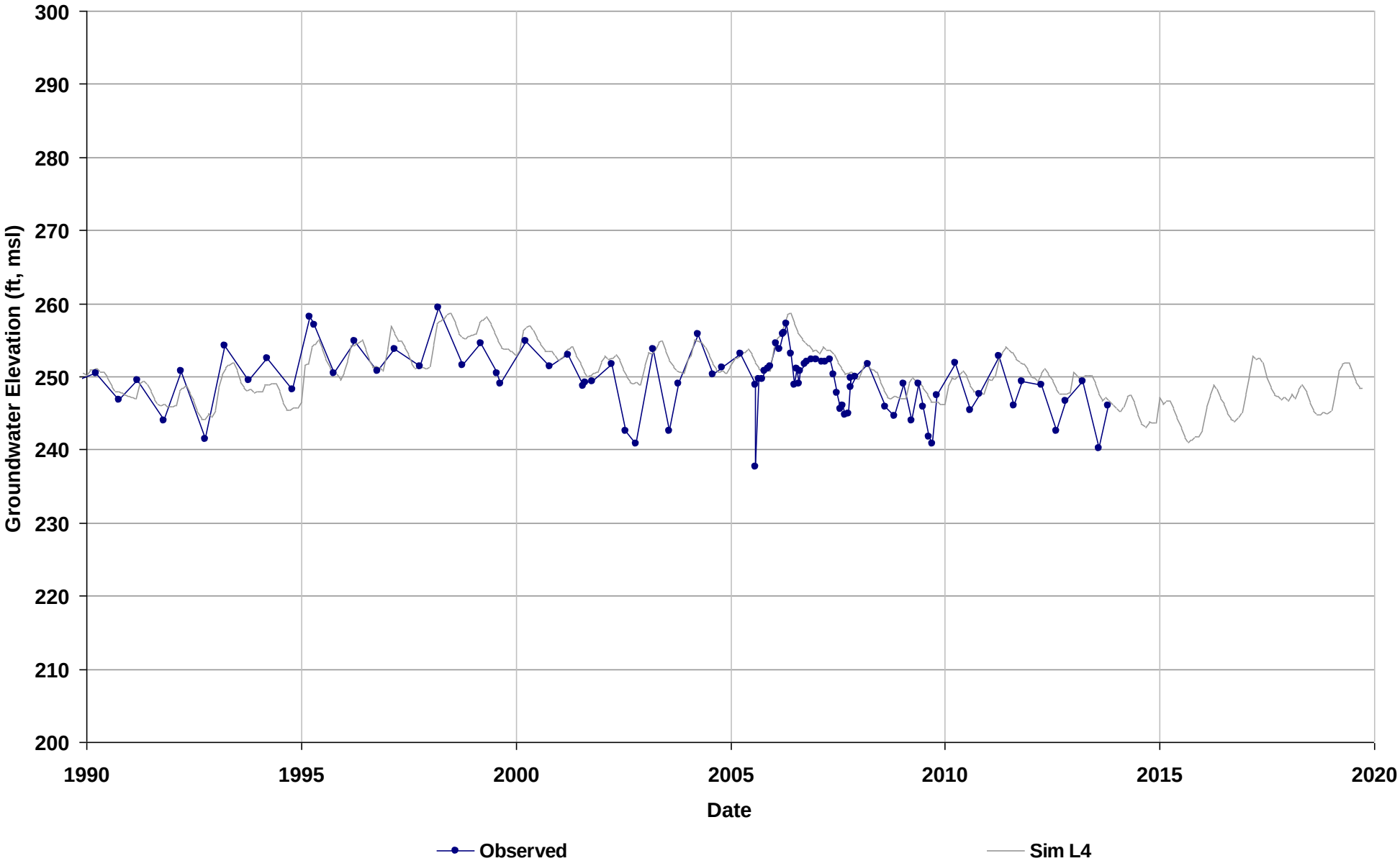
Well Name: 25N02W21B001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 212

Total Depth (ft): 110
Perf Top (ft): 52
Perf Bottom (ft): 110
Top Model Layer: 3
Bottom Model Layer: 3



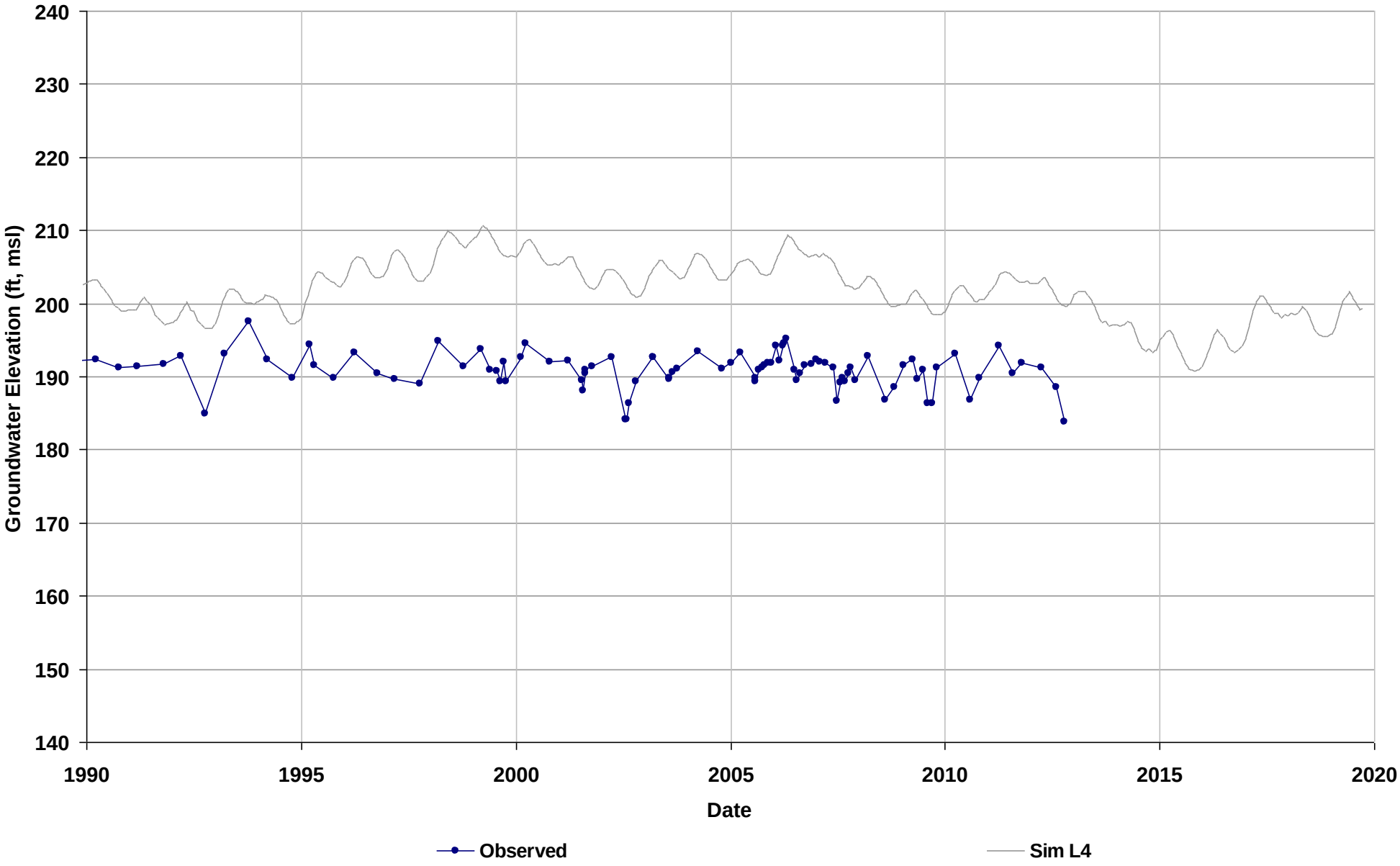
Well Name: 27N02W30C002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 282

Total Depth (ft): 296
Perf Top (ft): 50
Perf Bottom (ft): 163
Top Model Layer: 4
Bottom Model Layer: 4



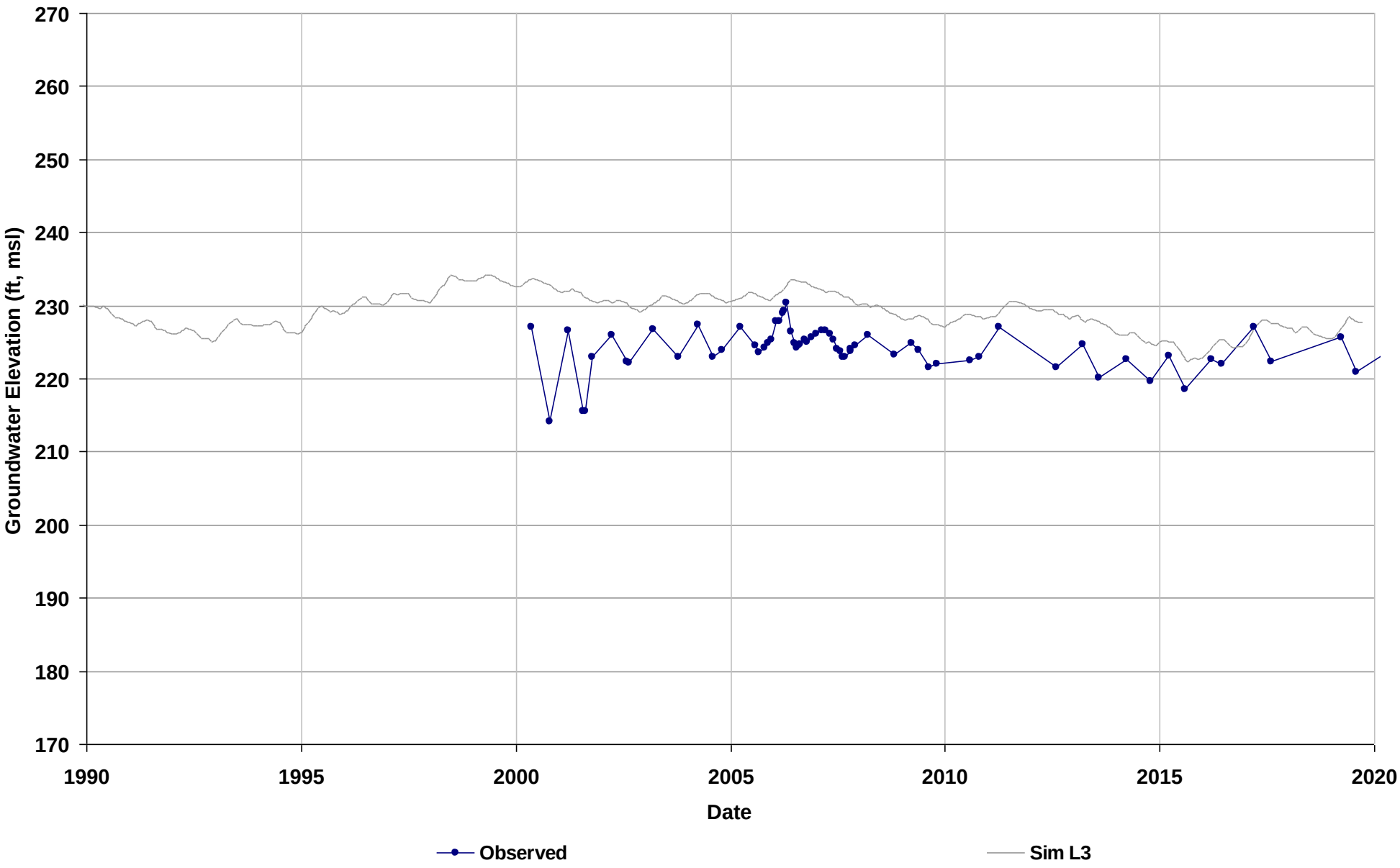
Well Name: 25N02W34K001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 206

Total Depth (ft): 235
Perf Top (ft): 46
Perf Bottom (ft): 213
Top Model Layer: 4
Bottom Model Layer: 4



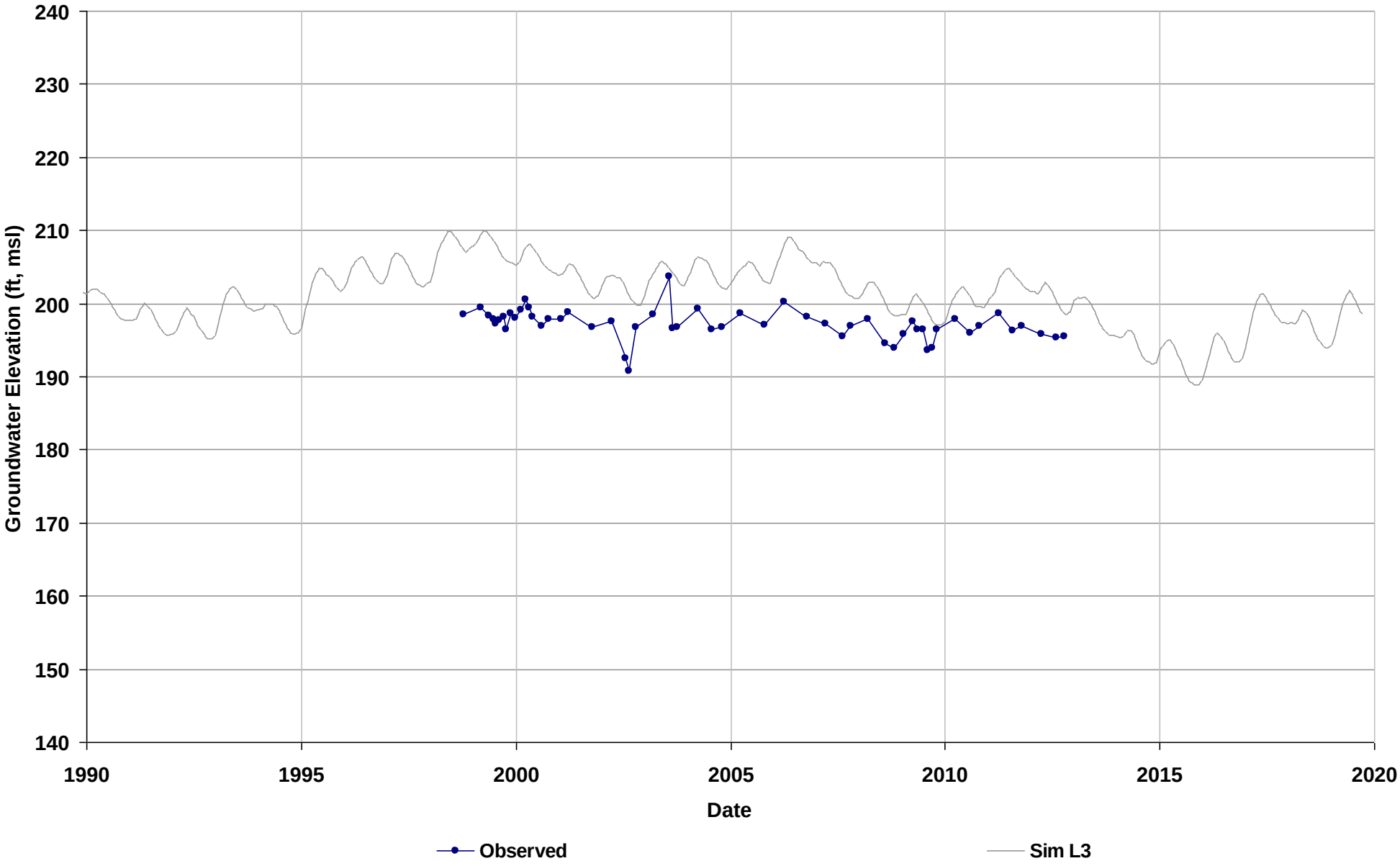
Well Name: 26N02W15C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 260

Total Depth (ft): 100
Perf Top (ft): 78
Perf Bottom (ft): 100
Top Model Layer: 3
Bottom Model Layer: 3



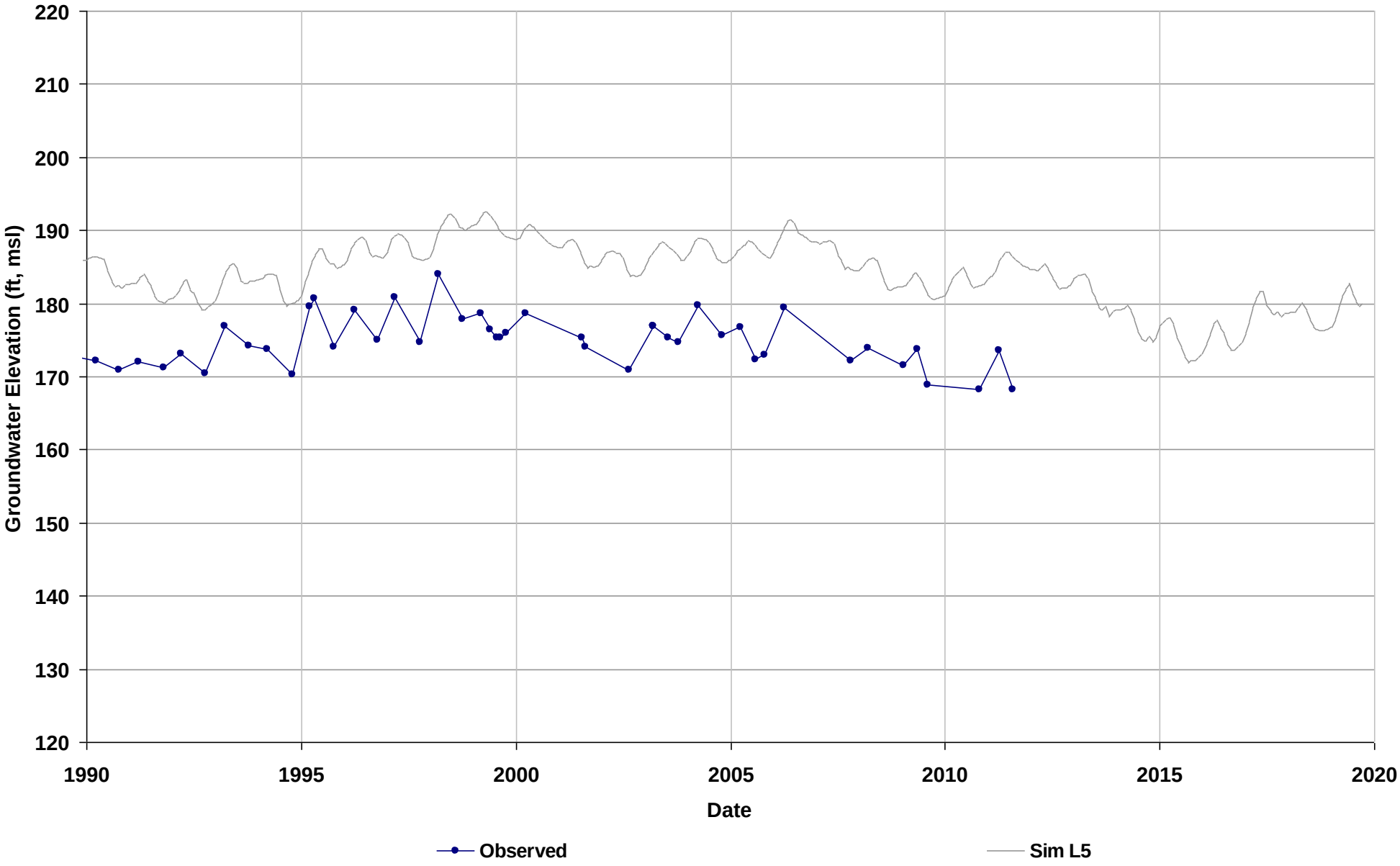
Well Name: 24N02W02E001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 202

Total Depth (ft): 328
Perf Top (ft): 90
Perf Bottom (ft): 310
Top Model Layer: 3
Bottom Model Layer: 3



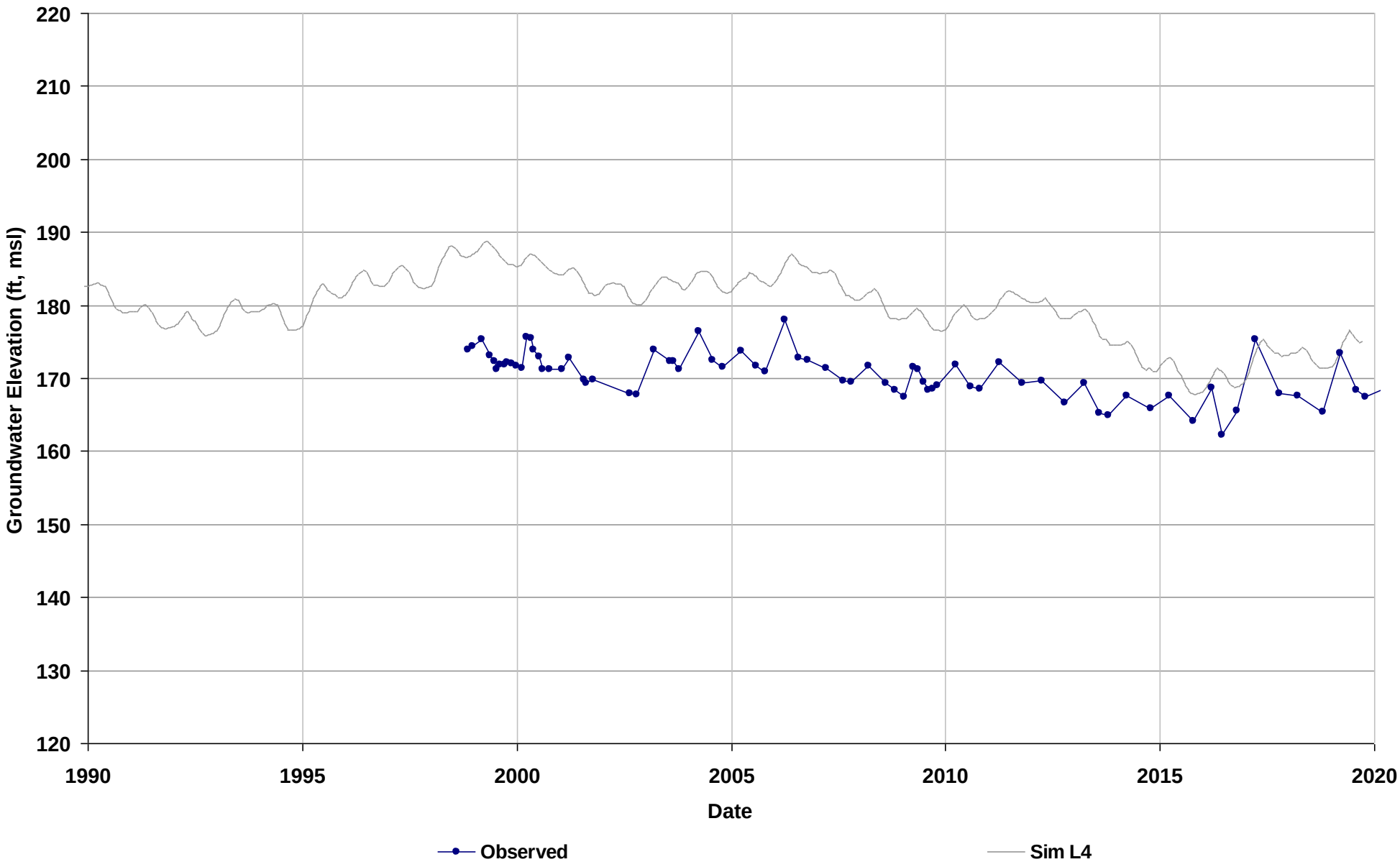
Well Name: 24N02W23G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 199

Total Depth (ft): 362
Perf Top (ft): 84
Perf Bottom (ft): 362
Top Model Layer: 5
Bottom Model Layer: 5



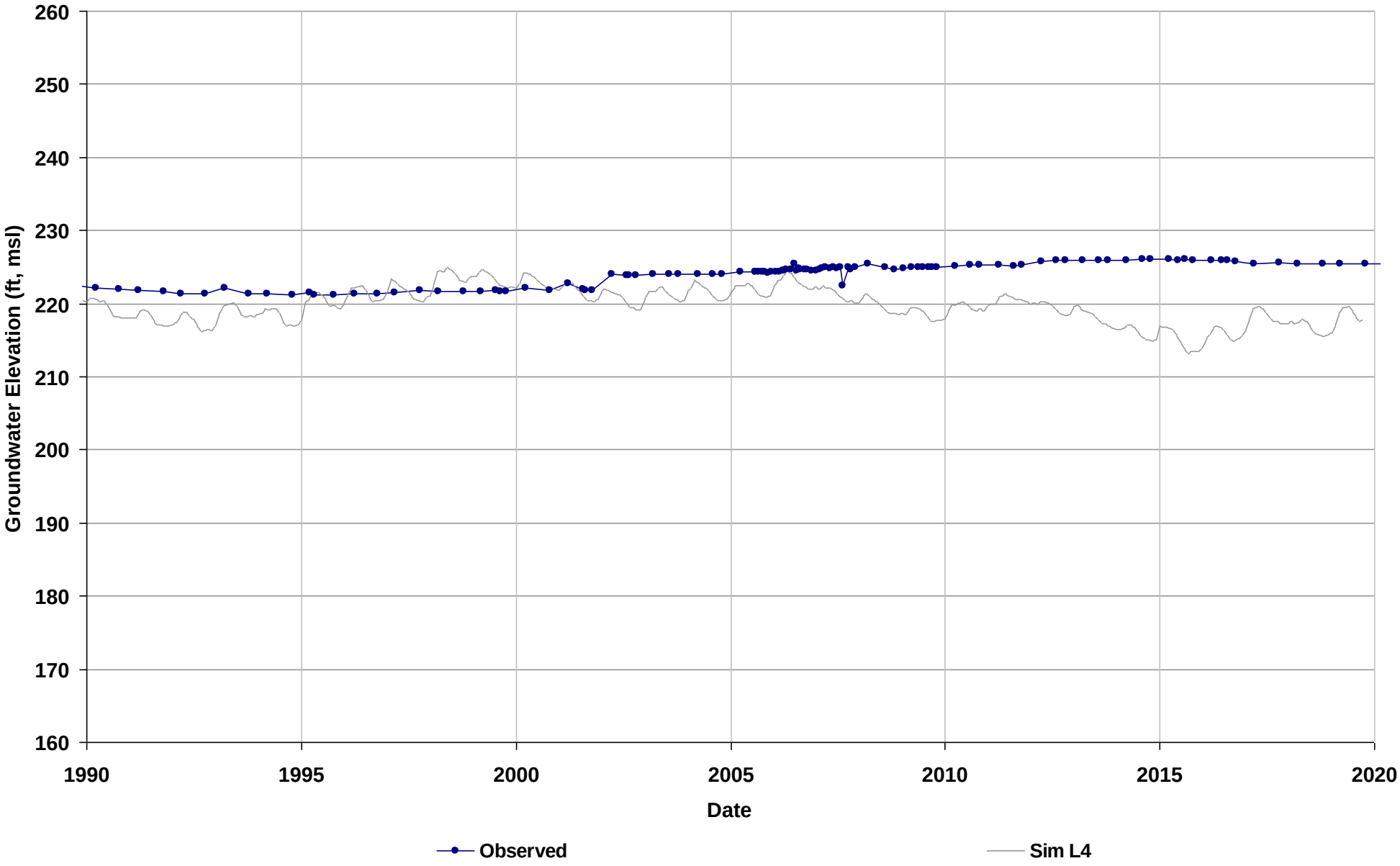
Well Name: 24N02W25G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 194

Total Depth (ft): 256
Perf Top (ft): 108
Perf Bottom (ft): 256
Top Model Layer: 4
Bottom Model Layer: 4



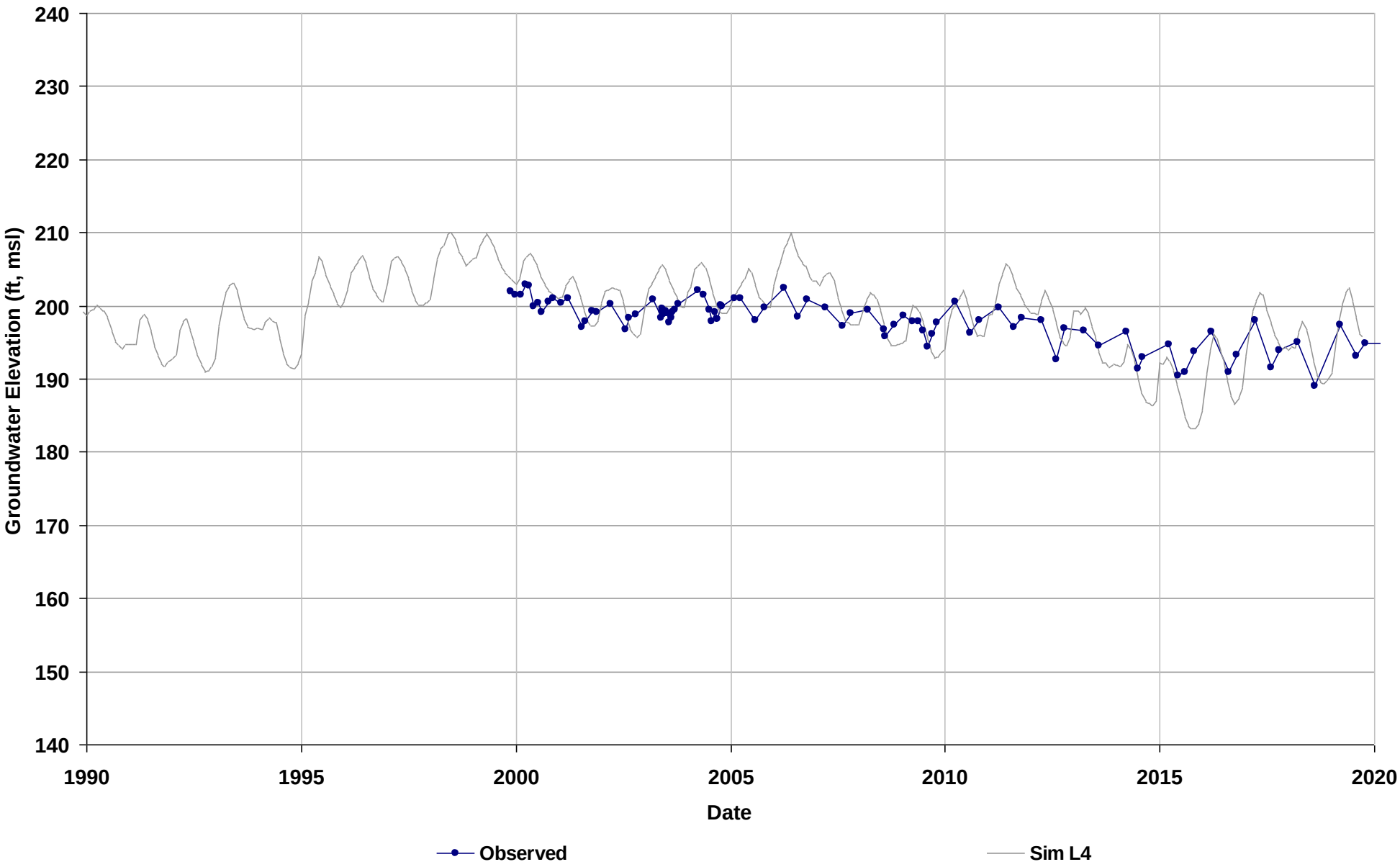
Well Name: 26N02W29R001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

Total Depth (ft): 184
Perf Top (ft): 183.5
Perf Bottom (ft): 184
Top Model Layer: 4
Bottom Model Layer: 4



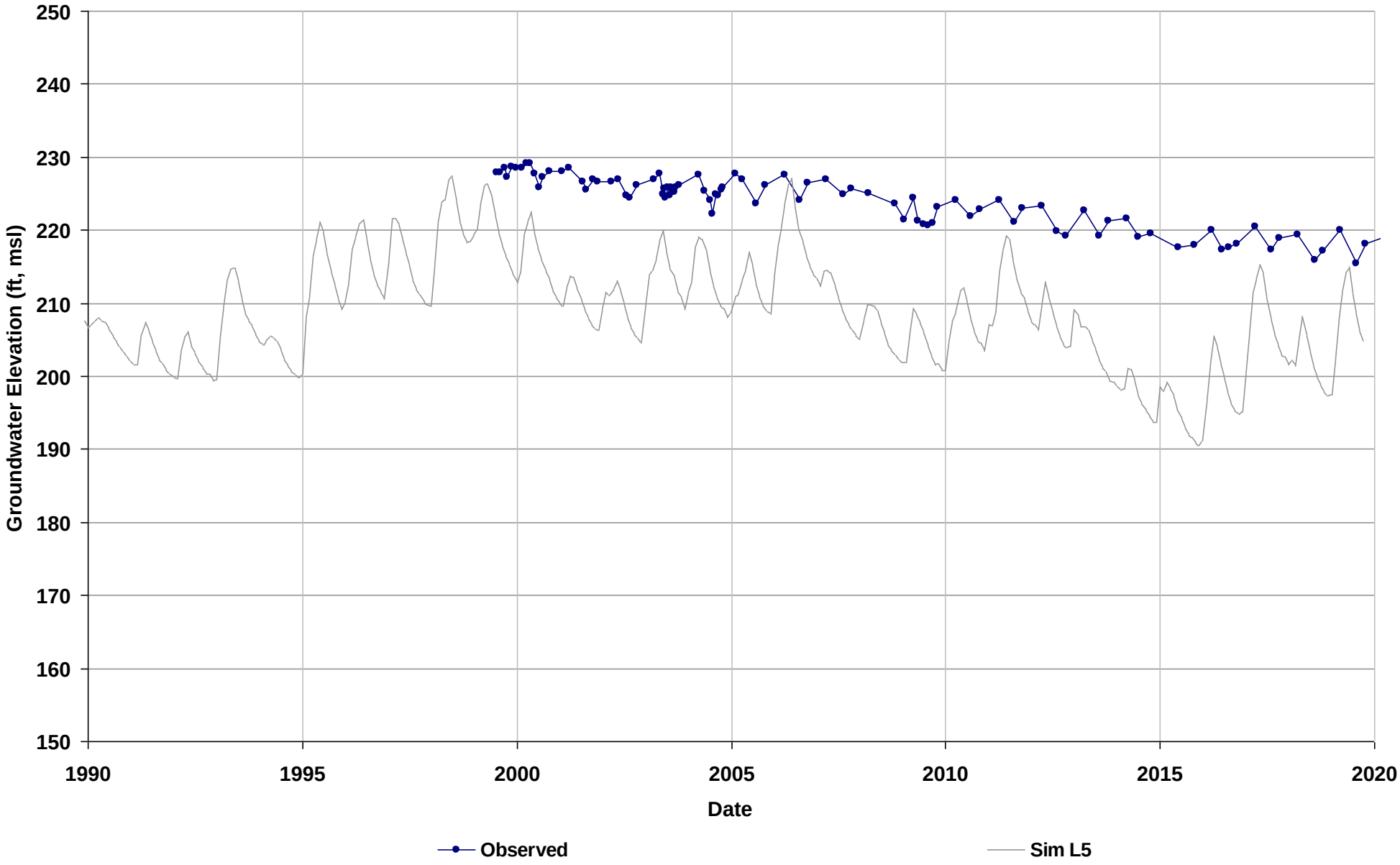
Well Name: 24N02W12P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 228

Total Depth (ft): 370
Perf Top (ft): 165
Perf Bottom (ft): 360
Top Model Layer: 4
Bottom Model Layer: 4



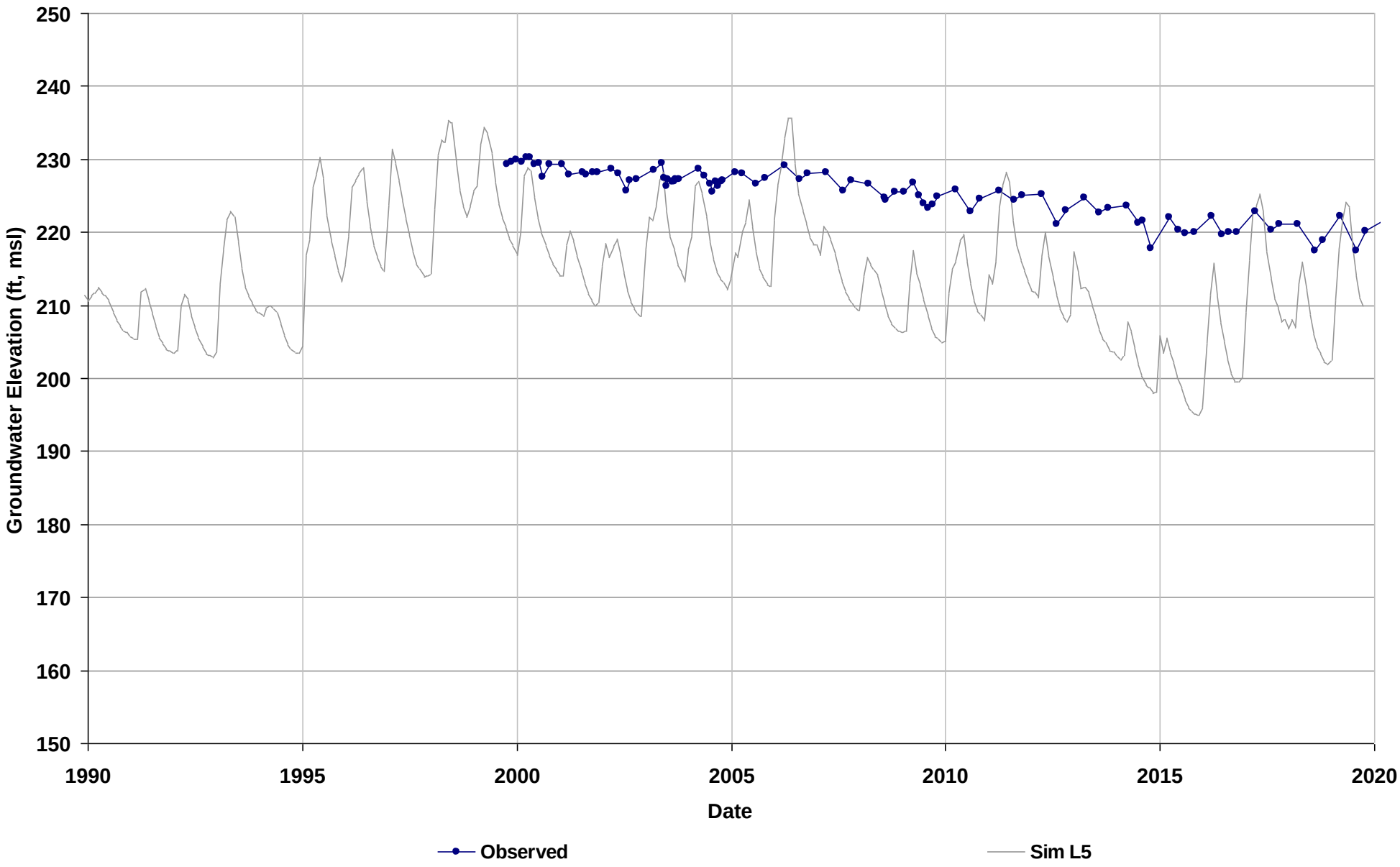
Well Name: 24N01W05J003M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 312

Total Depth (ft): 385
Perf Top (ft): 295
Perf Bottom (ft): 335
Top Model Layer: 5
Bottom Model Layer: 5



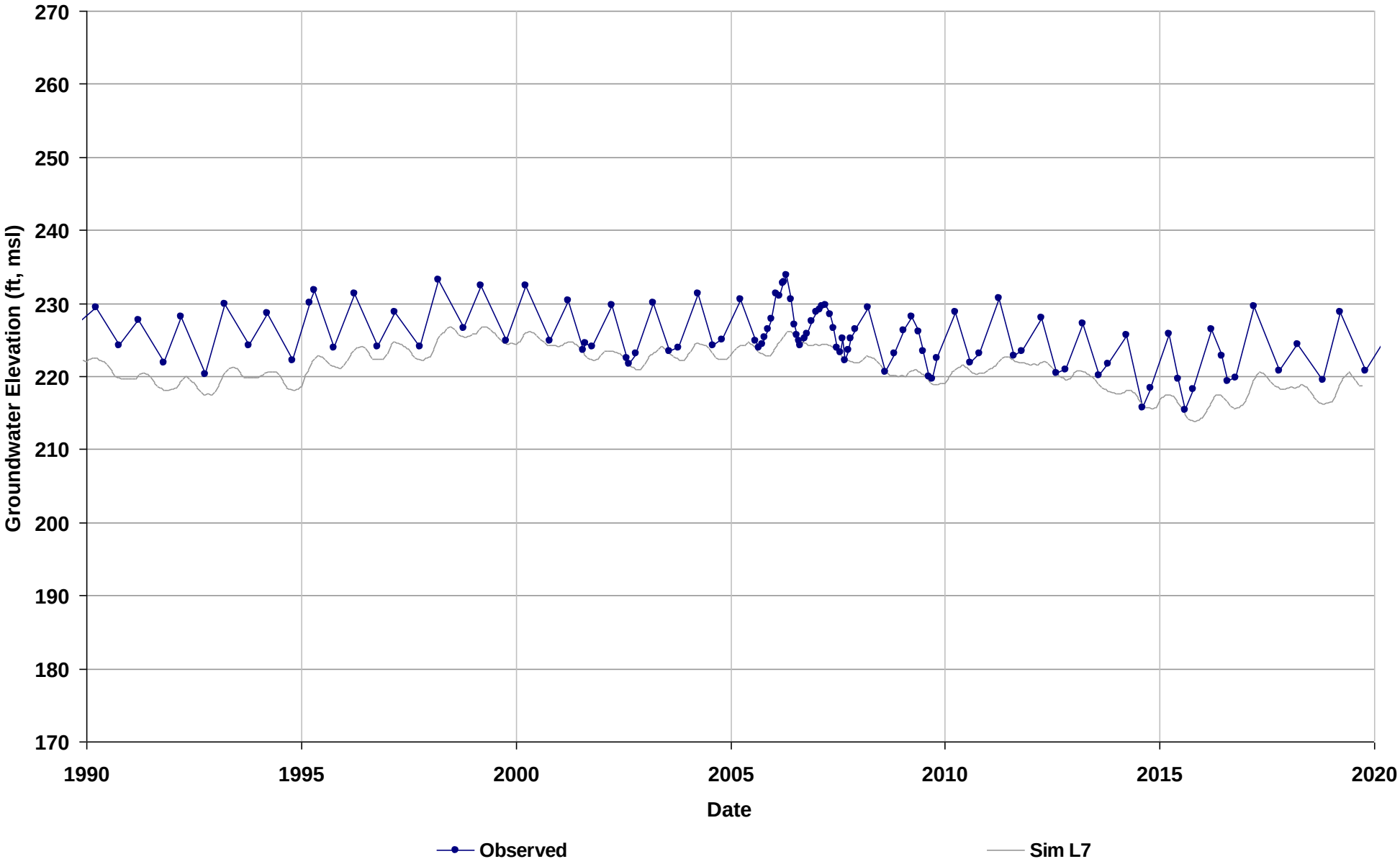
Well Name: 25N01W32P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 303

Total Depth (ft): 330
Perf Top (ft): 209
Perf Bottom (ft): 256
Top Model Layer: 5
Bottom Model Layer: 5



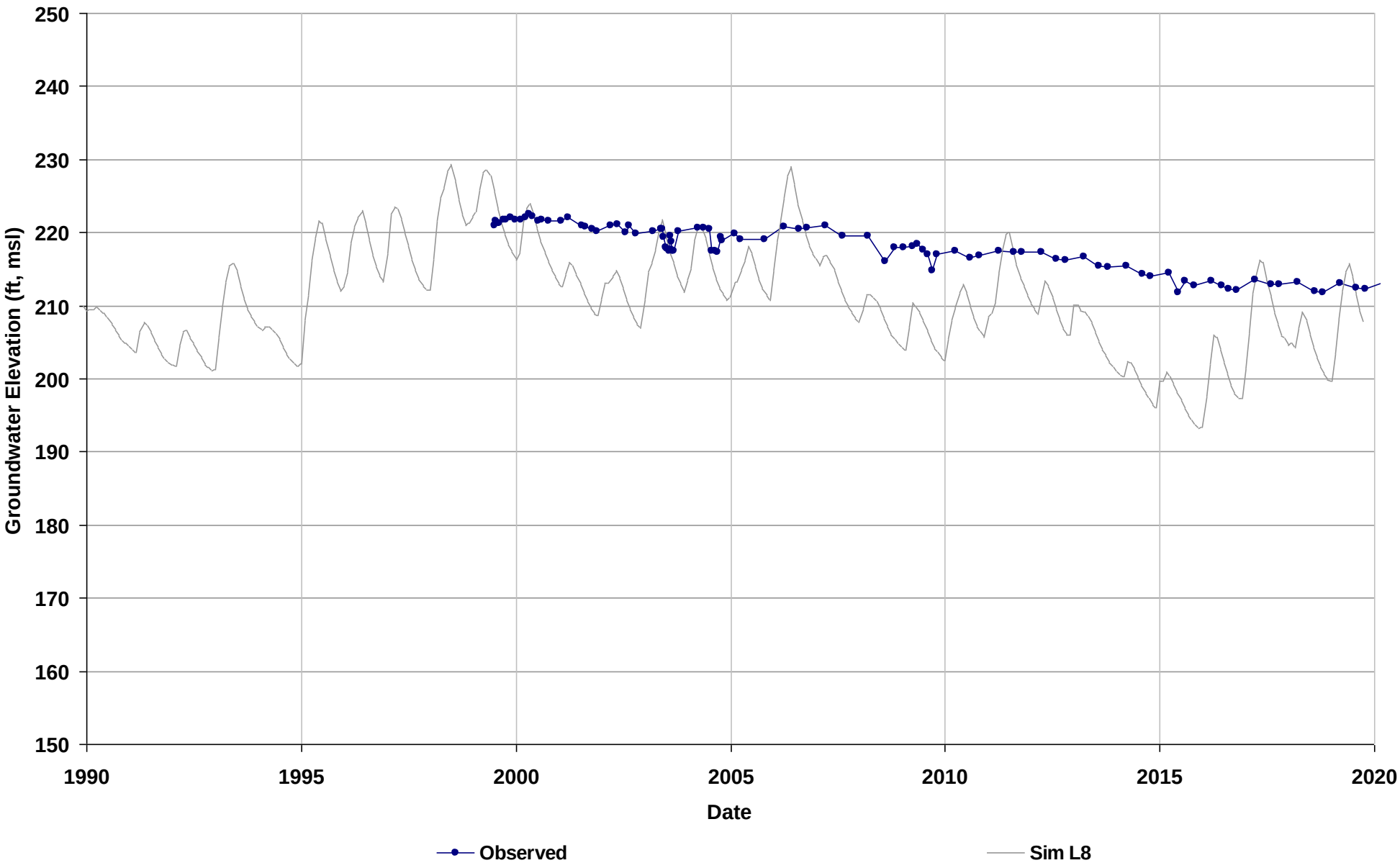
Well Name: 26N02W29R002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

Total Depth (ft): 900
Perf Top (ft): 839.5
Perf Bottom (ft): 840.5
Top Model Layer: 7
Bottom Model Layer: 7



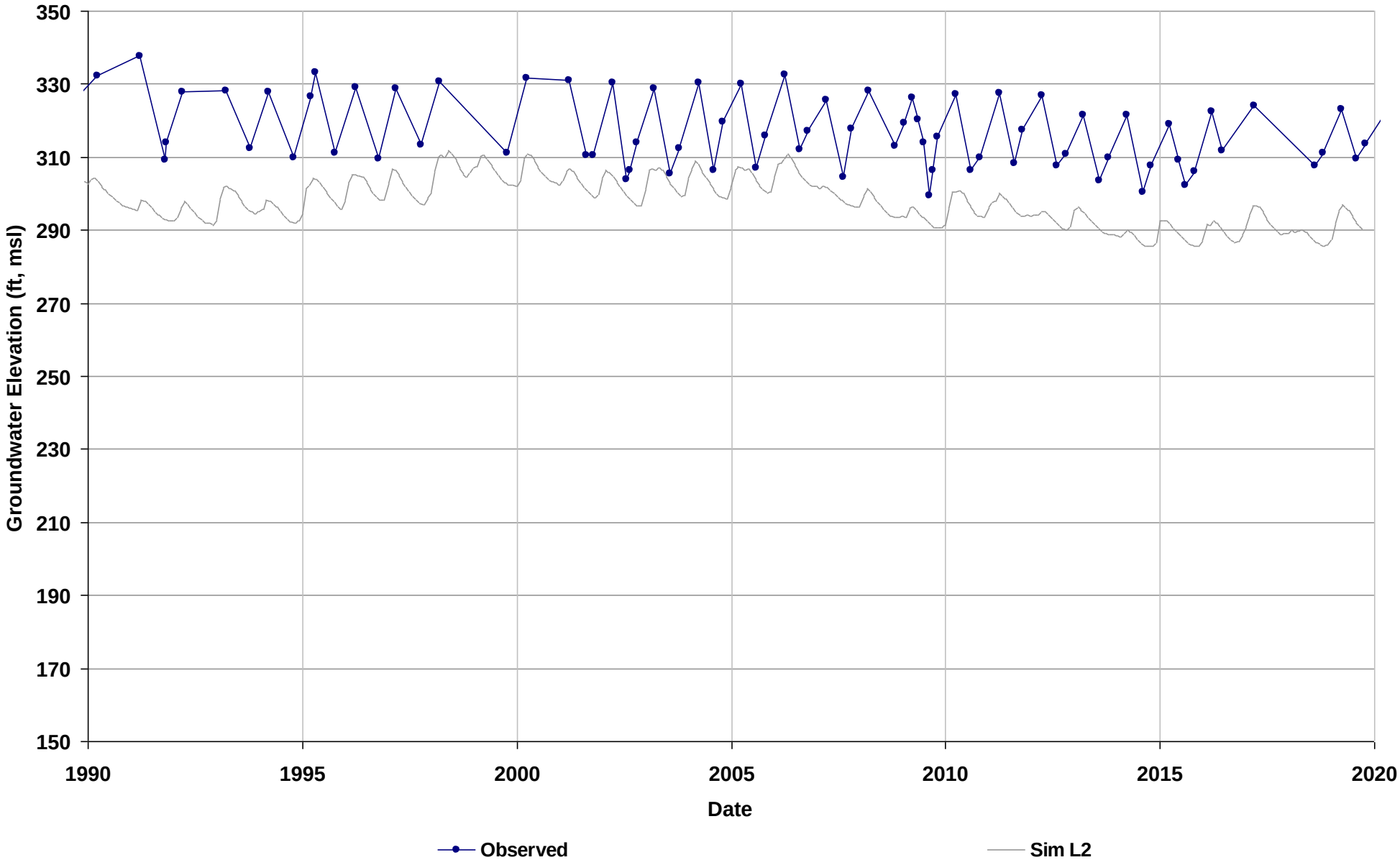
Well Name: 25N01W34N003M
Depth Zone: Lower
Subbasin: Los Molinos
GSE (ft, msl): 366

Total Depth (ft): 743
Perf Top (ft): 625
Perf Bottom (ft): 680
Top Model Layer: 8
Bottom Model Layer: 8



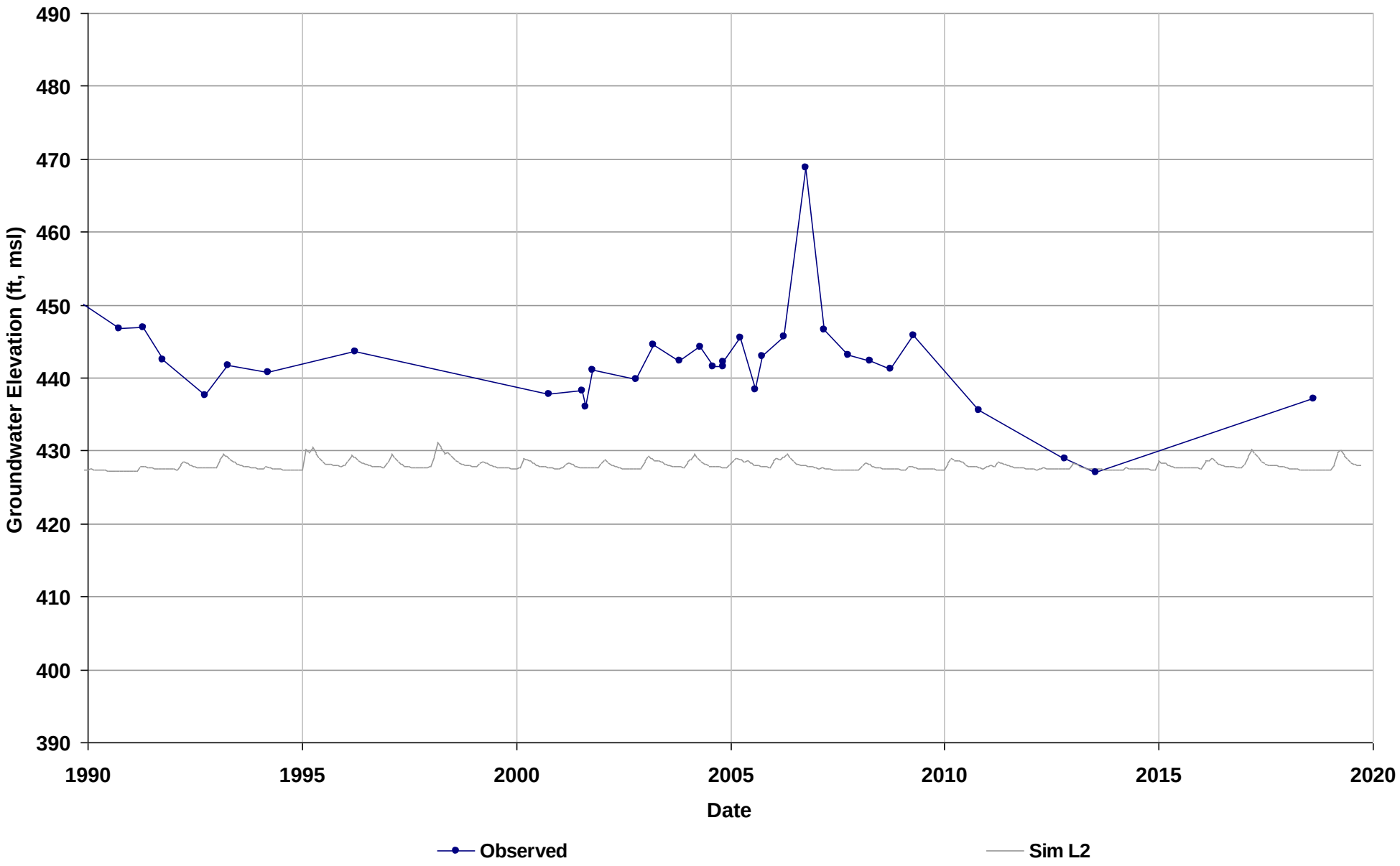
Well Name: 27N04W35E001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 438

Total Depth (ft): 280
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



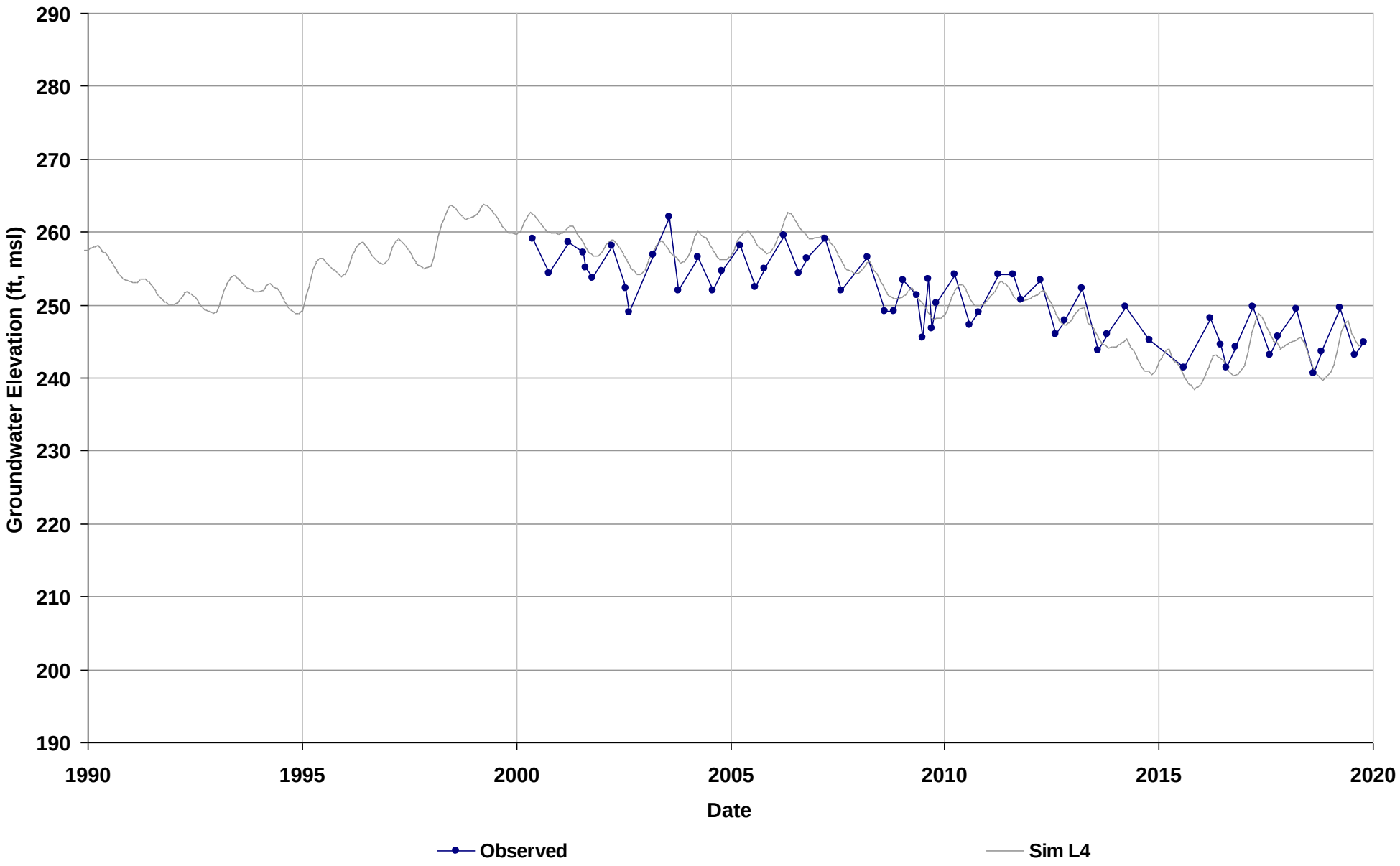
Well Name: 25N05W24D001M
Depth Zone: Unknown
Subbasin: Red Bluff
GSE (ft, msl): 515

Total Depth (ft):
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



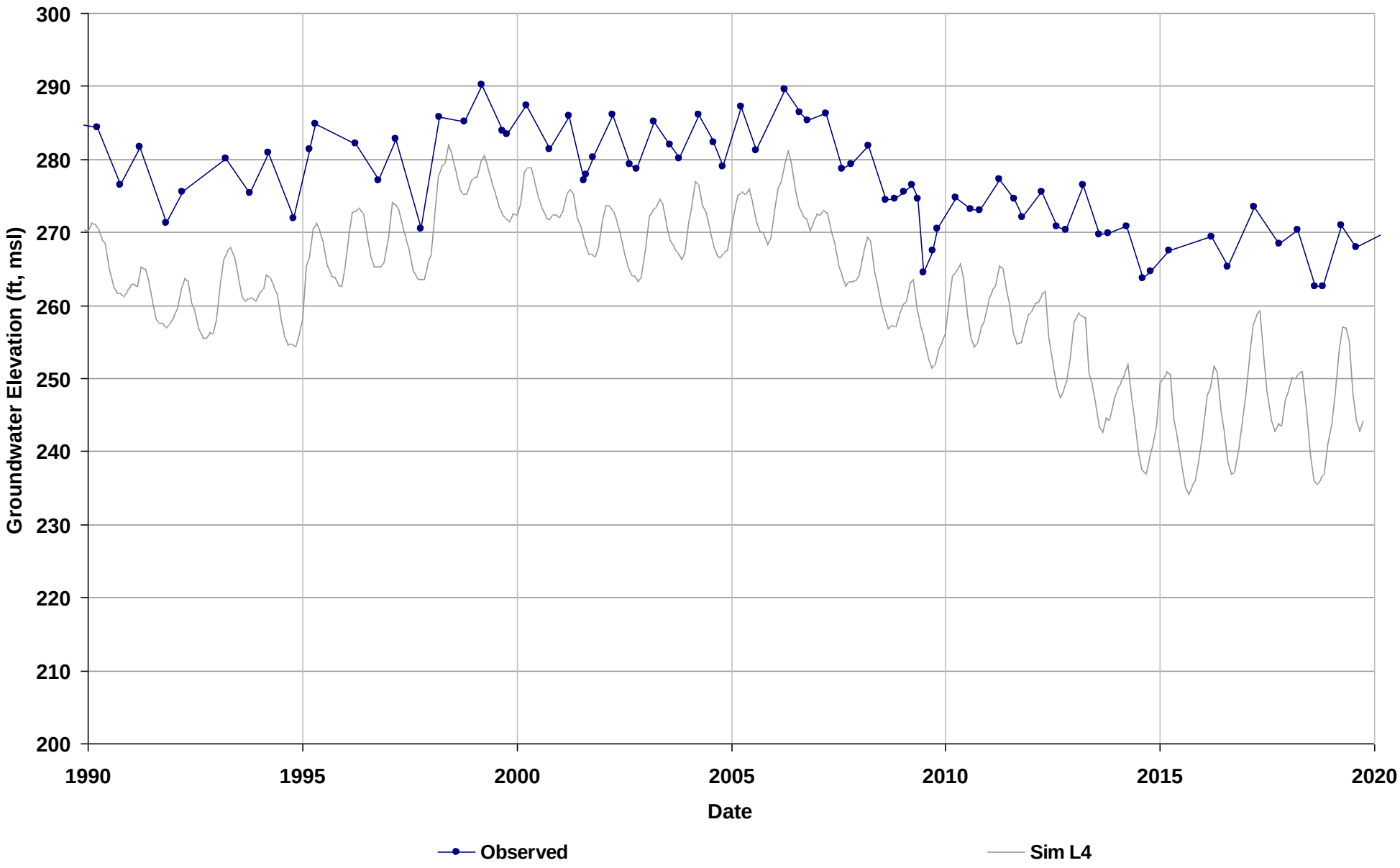
Well Name: 26N03W17B001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 309

Total Depth (ft): 180
Perf Top (ft): 160
Perf Bottom (ft): 180
Top Model Layer: 4
Bottom Model Layer: 4



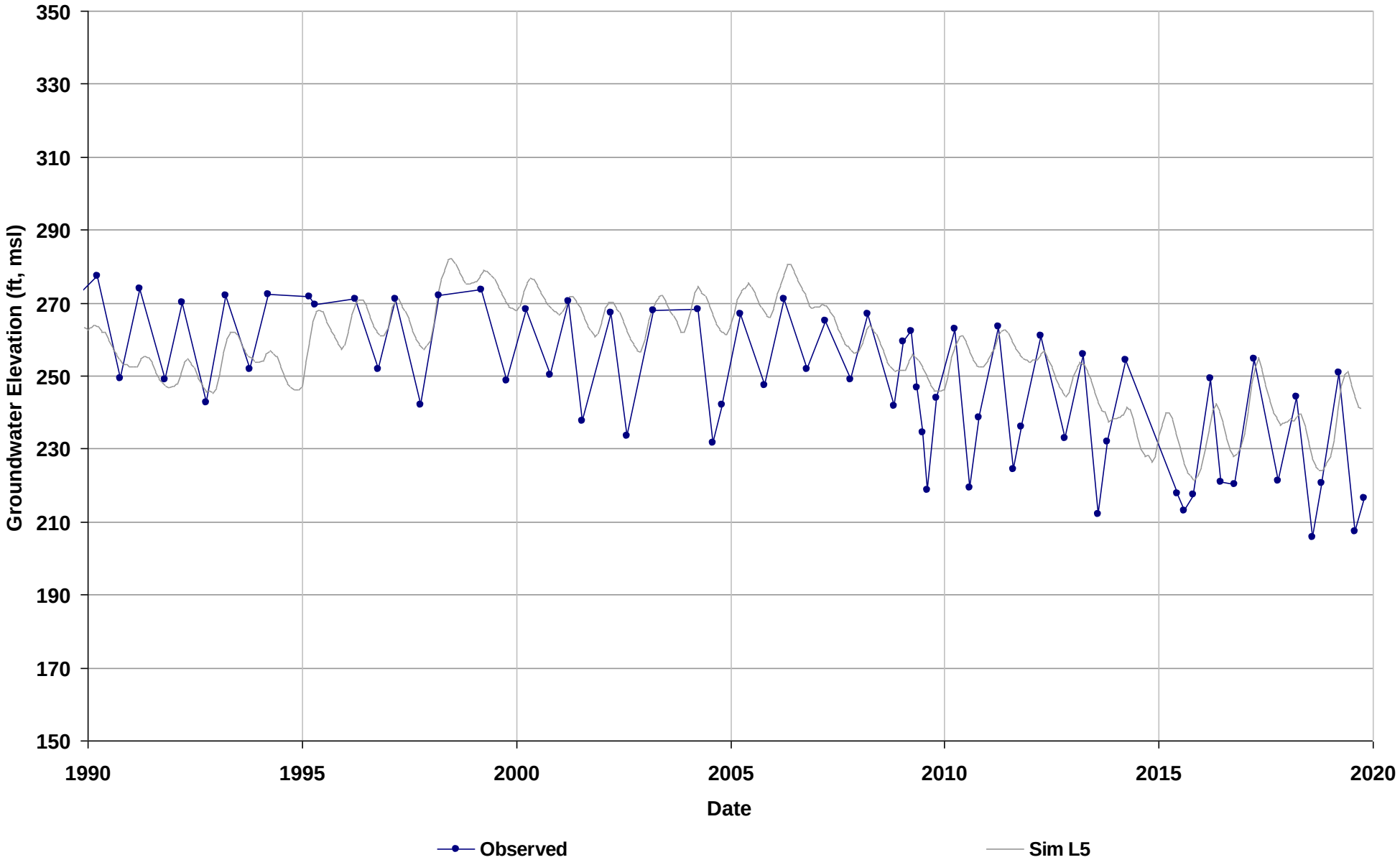
Well Name: 26N04W25J001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 333

Total Depth (ft): 128
Perf Top (ft): 116
Perf Bottom (ft): 124
Top Model Layer: 4
Bottom Model Layer: 4



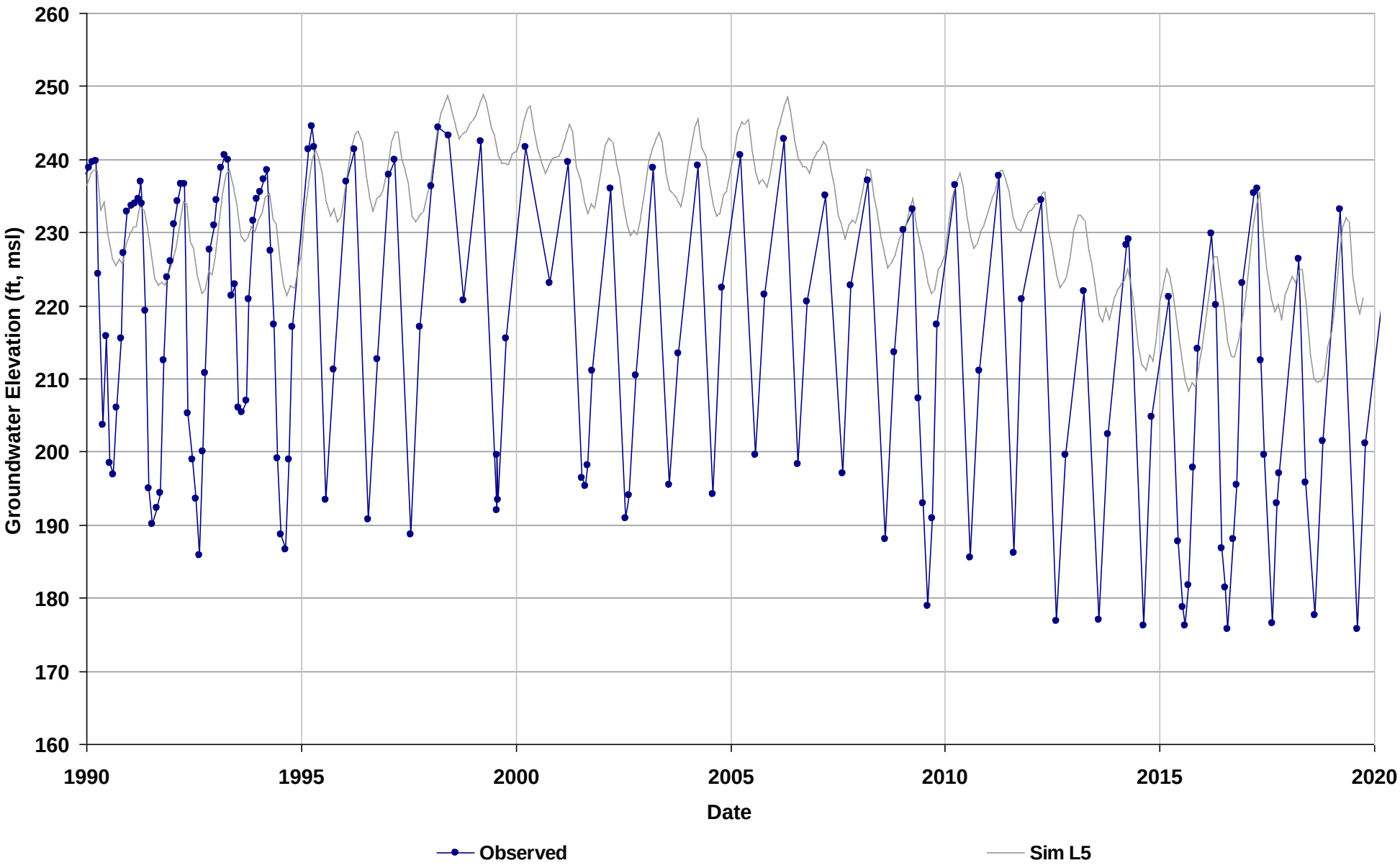
Well Name: 25N03W19N001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 327

Total Depth (ft): 370
Perf Top (ft): 135
Perf Bottom (ft): 358
Top Model Layer: 5
Bottom Model Layer: 5



Well Name: 25N03W10L001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 276

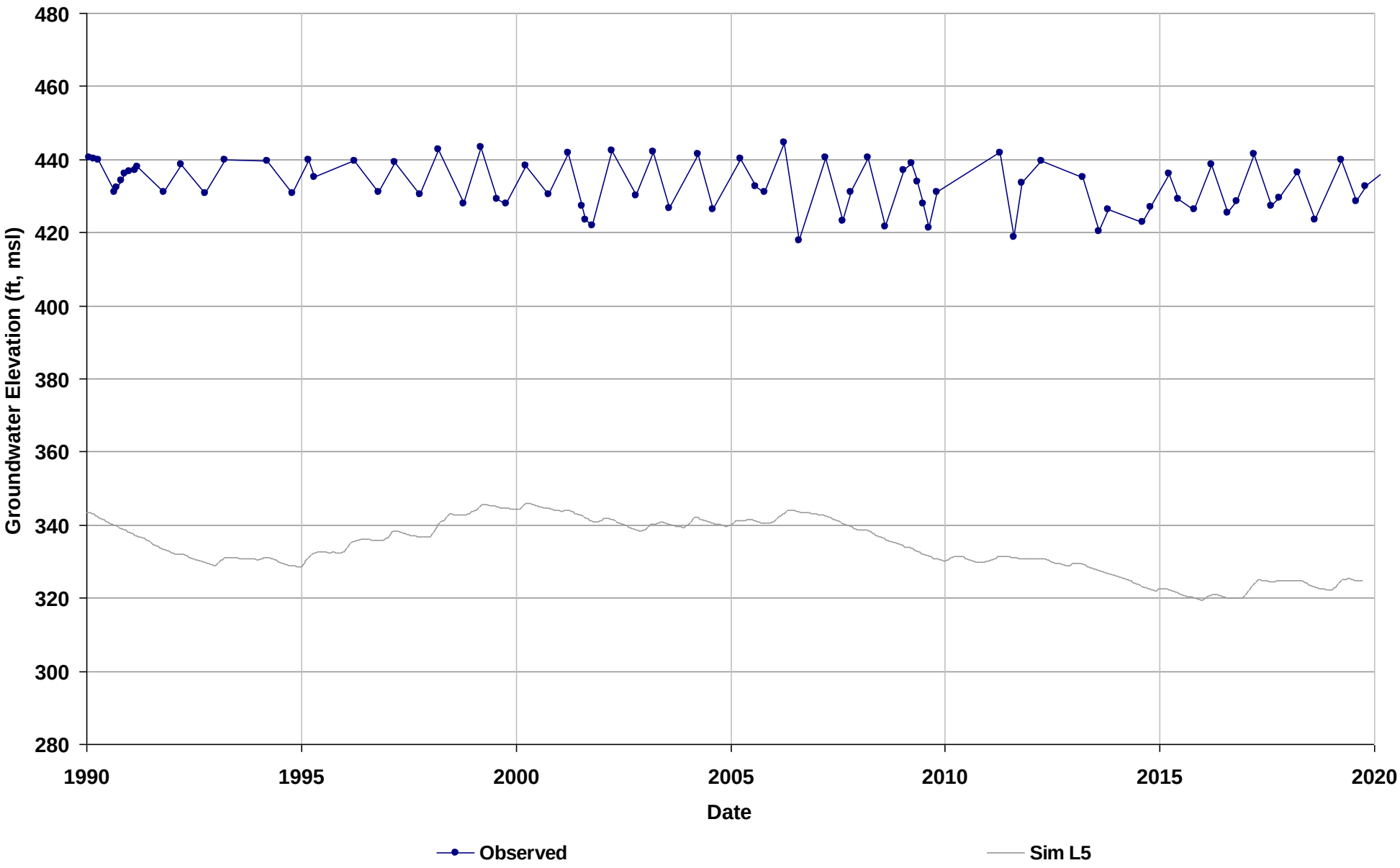
Total Depth (ft): 400
Perf Top (ft): 251
Perf Bottom (ft): 400
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Historical

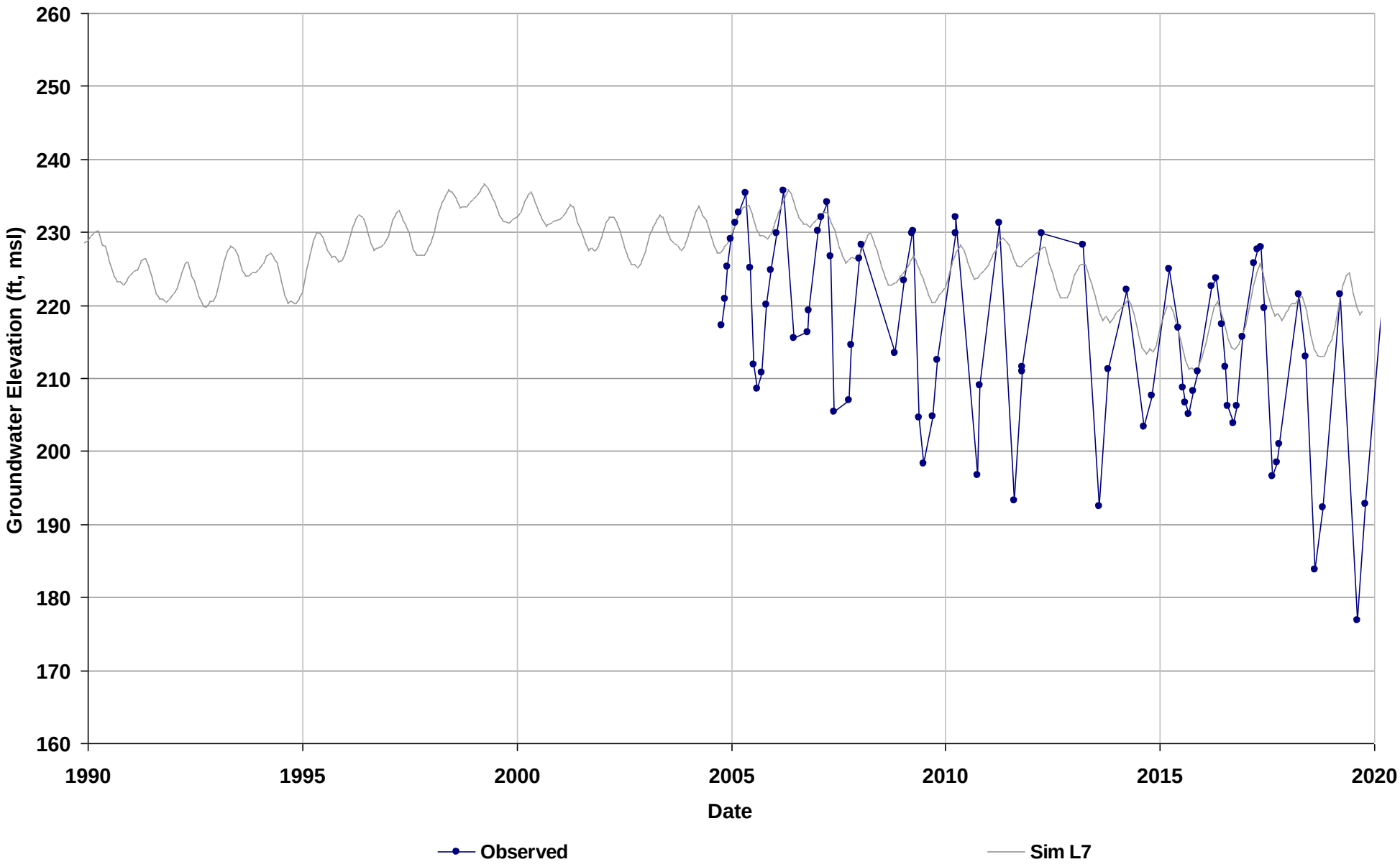
Well Name: 27N04W05G002M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 482

Total Depth (ft): 260
Perf Top (ft): 231
Perf Bottom (ft): 251
Top Model Layer: 5
Bottom Model Layer: 5



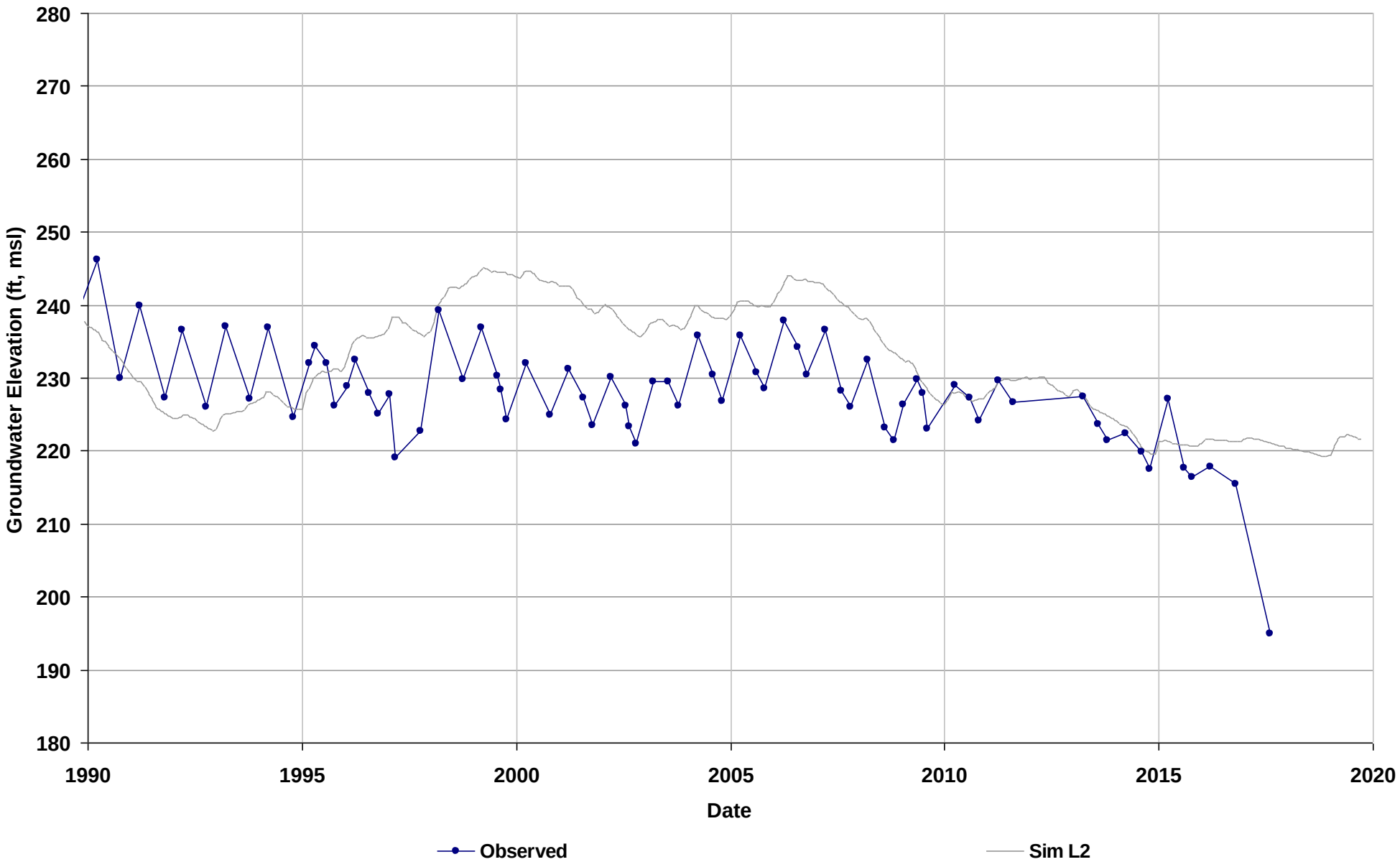
Well Name: 25N03W11B003M
Depth Zone: Lower
Subbasin: Red Bluff
GSE (ft, msl): 252

Total Depth (ft): 1000
Perf Top (ft): 940
Perf Bottom (ft): 960
Top Model Layer: 7
Bottom Model Layer: 7



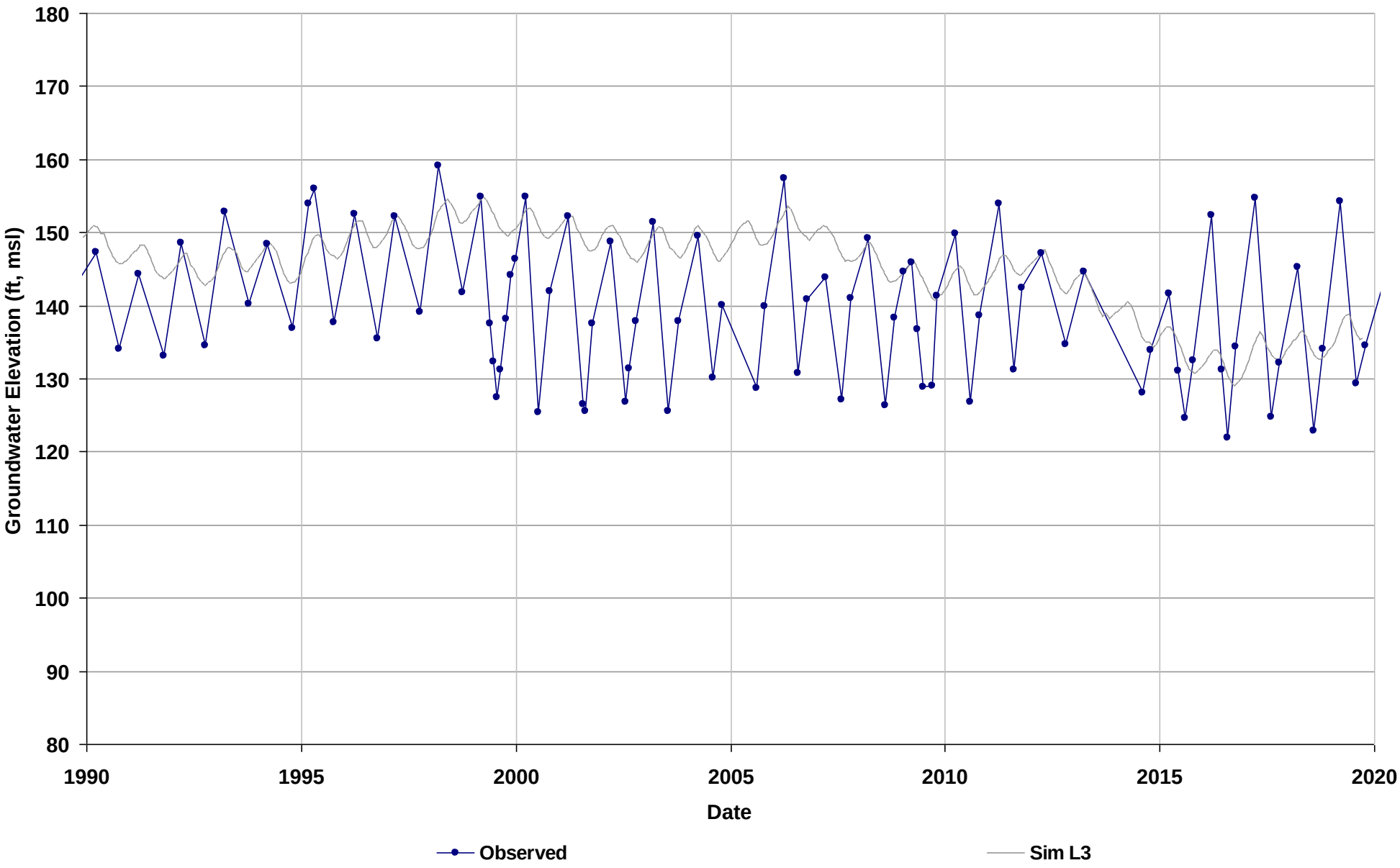
Well Name: 23N03W05G001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 279

Total Depth (ft): 70
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



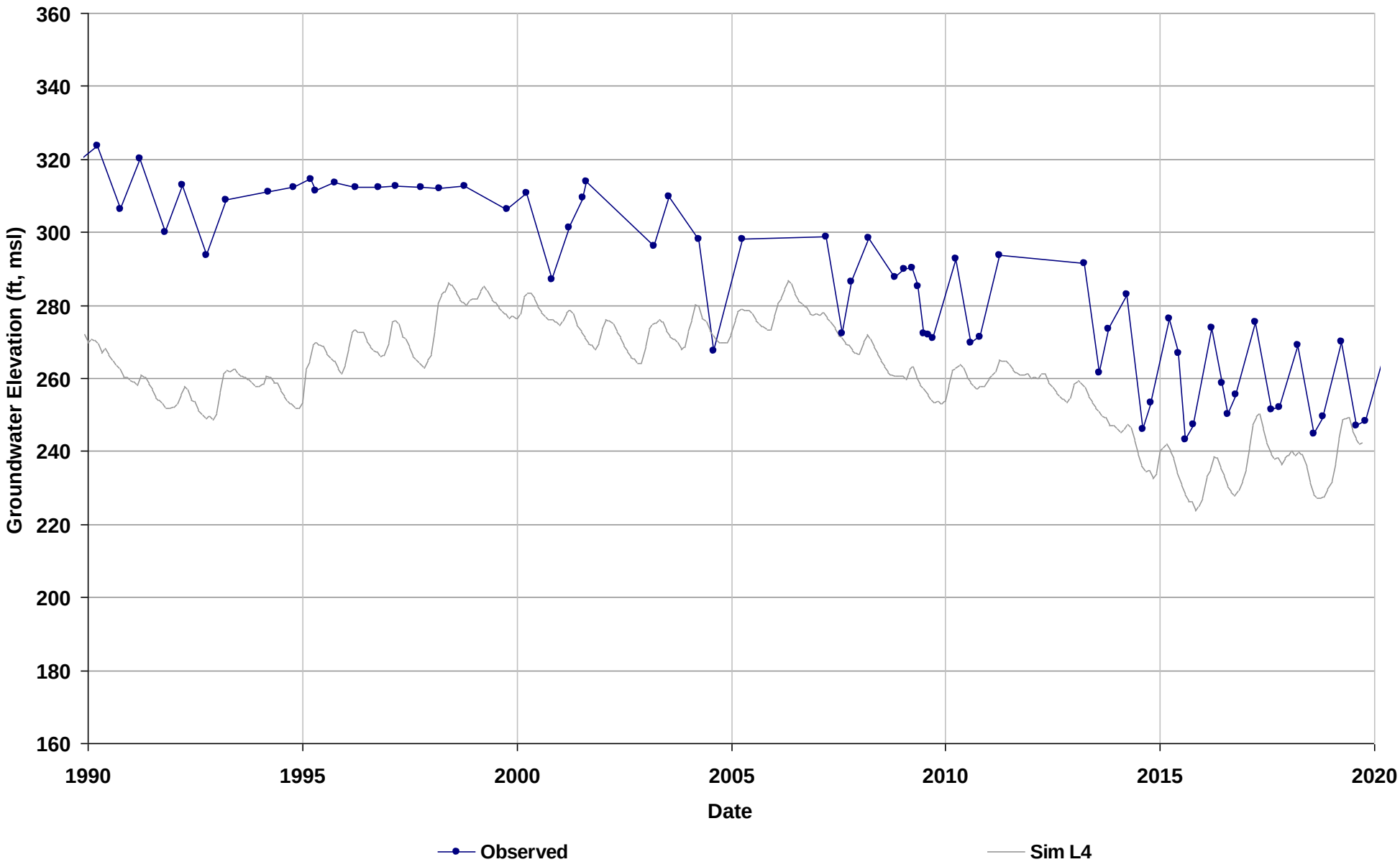
Well Name: 23N02W34A001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 172

Total Depth (ft): 130
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



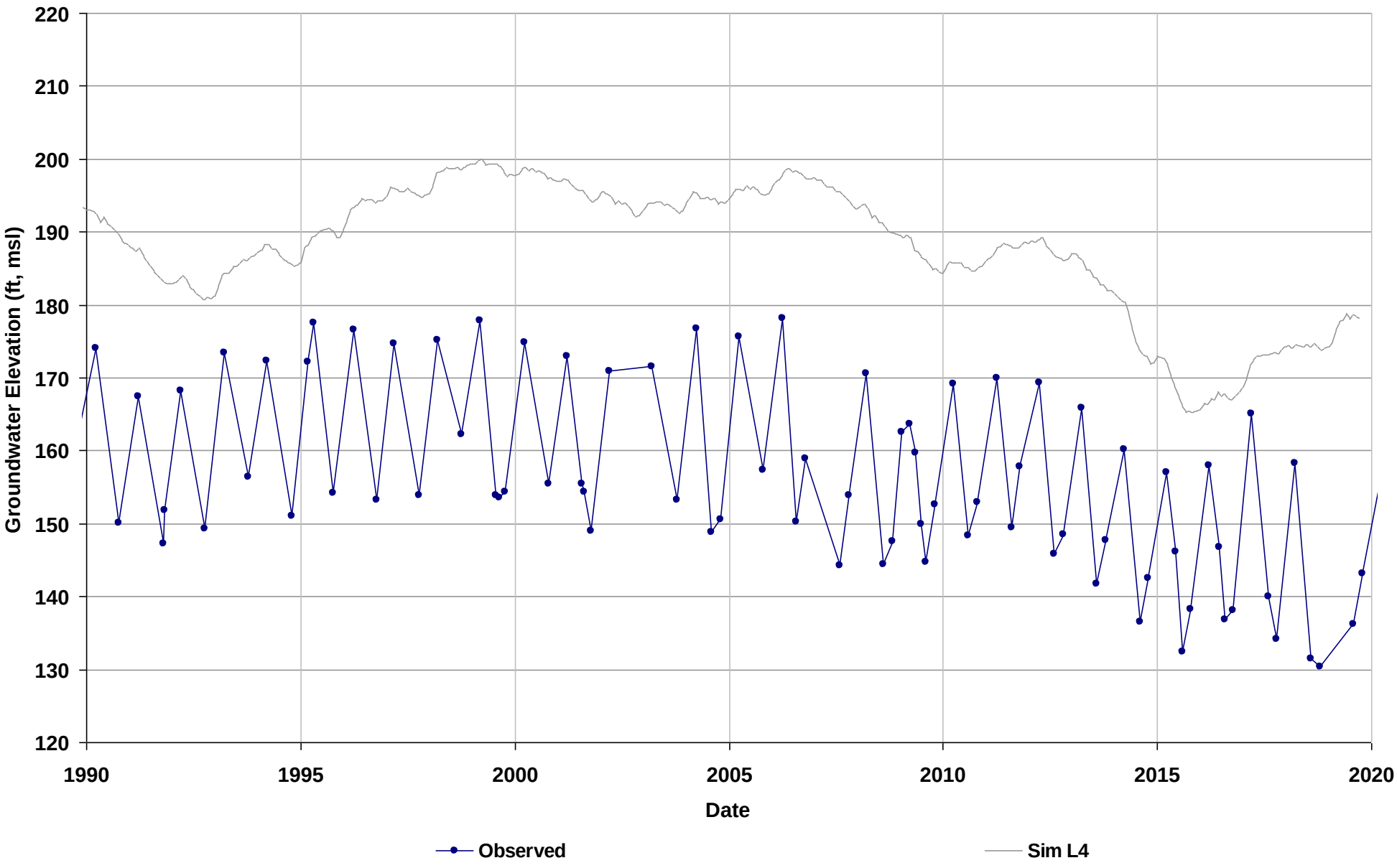
Well Name: 24N04W14N002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 375

Total Depth (ft): 180
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 23N03W24A002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 207

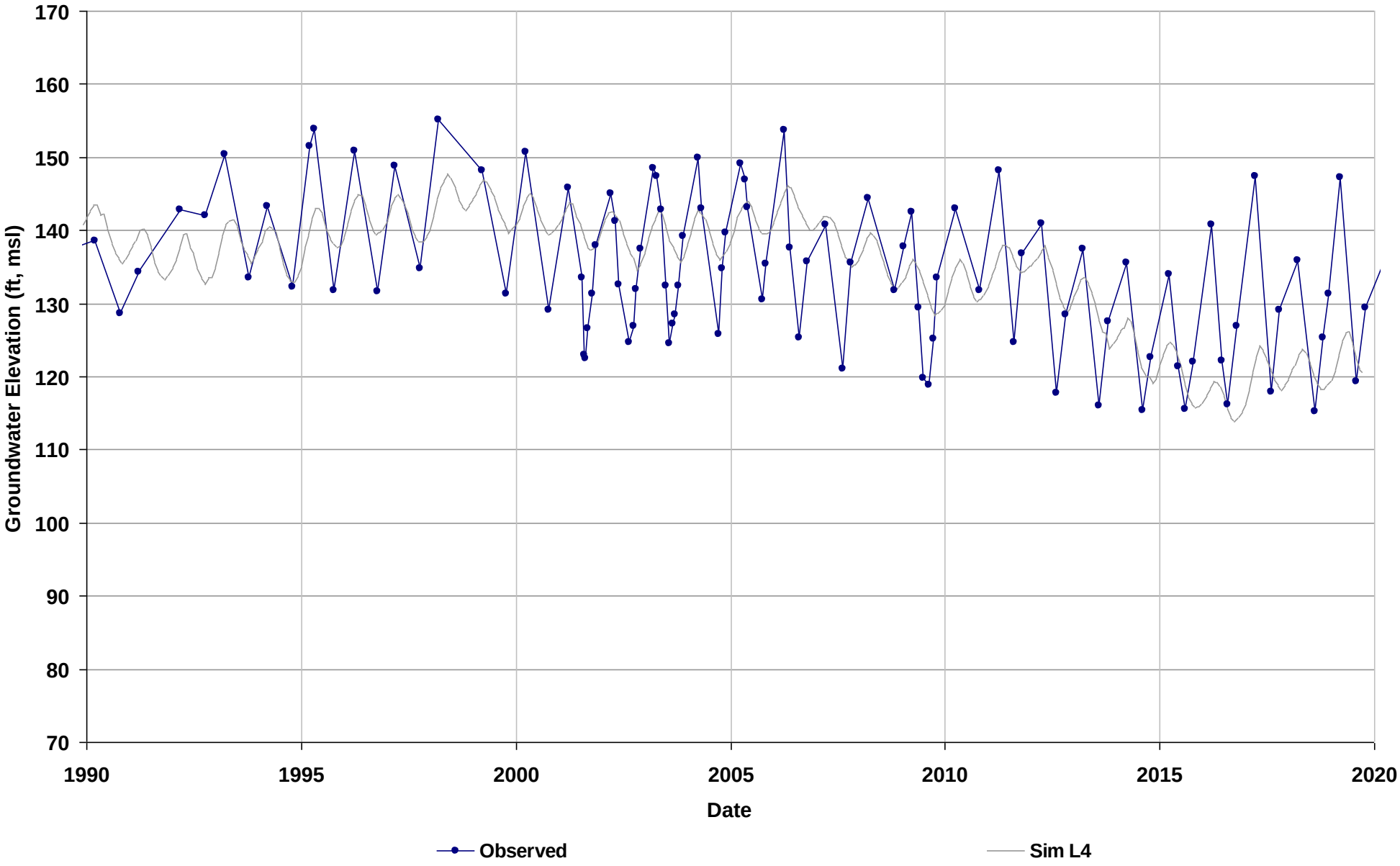
Total Depth (ft): 200
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Historical

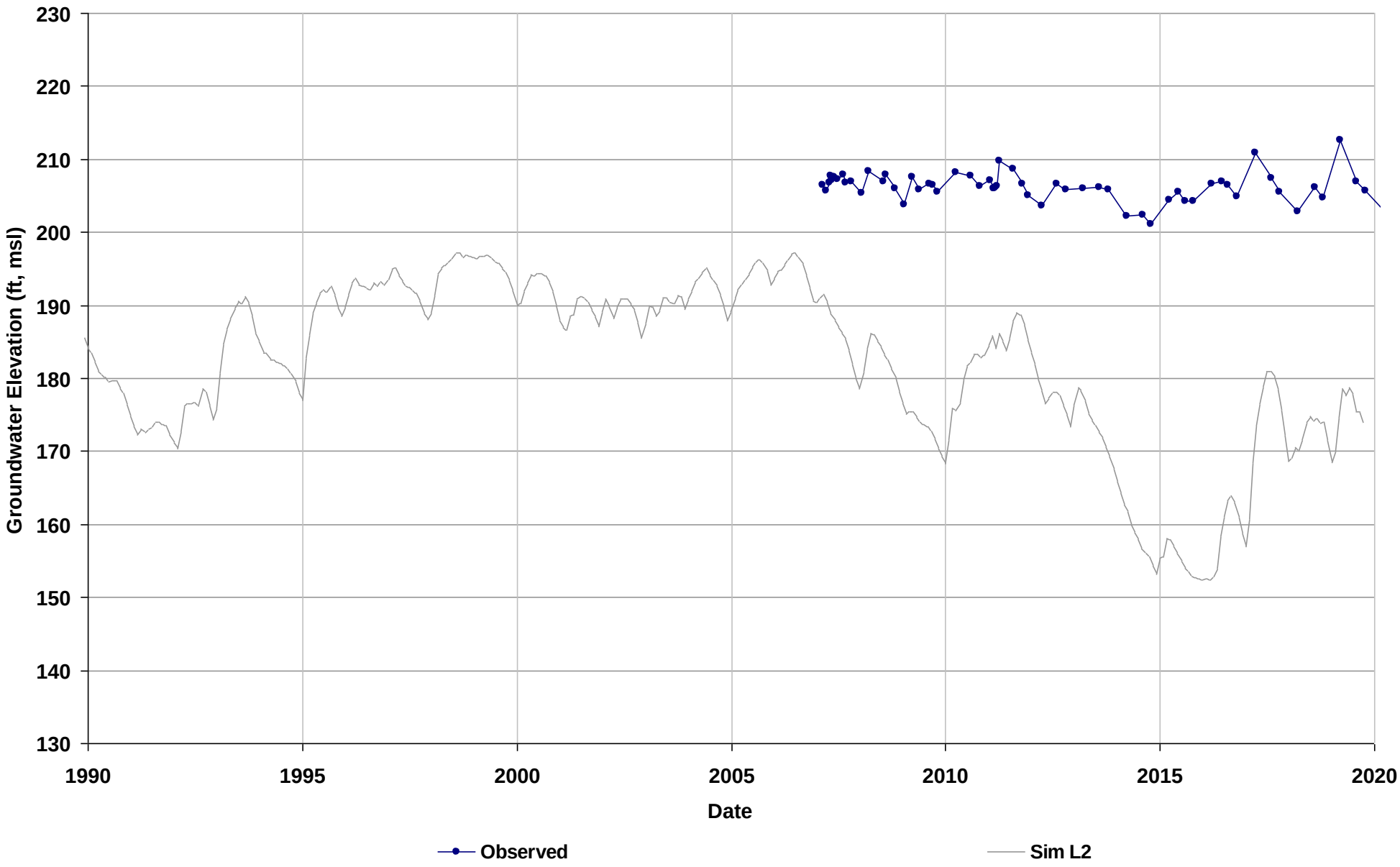
Well Name: 22N02W11Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 166

Total Depth (ft):
Perf Top (ft): 12
Perf Bottom (ft): 239
Top Model Layer: 4
Bottom Model Layer: 4



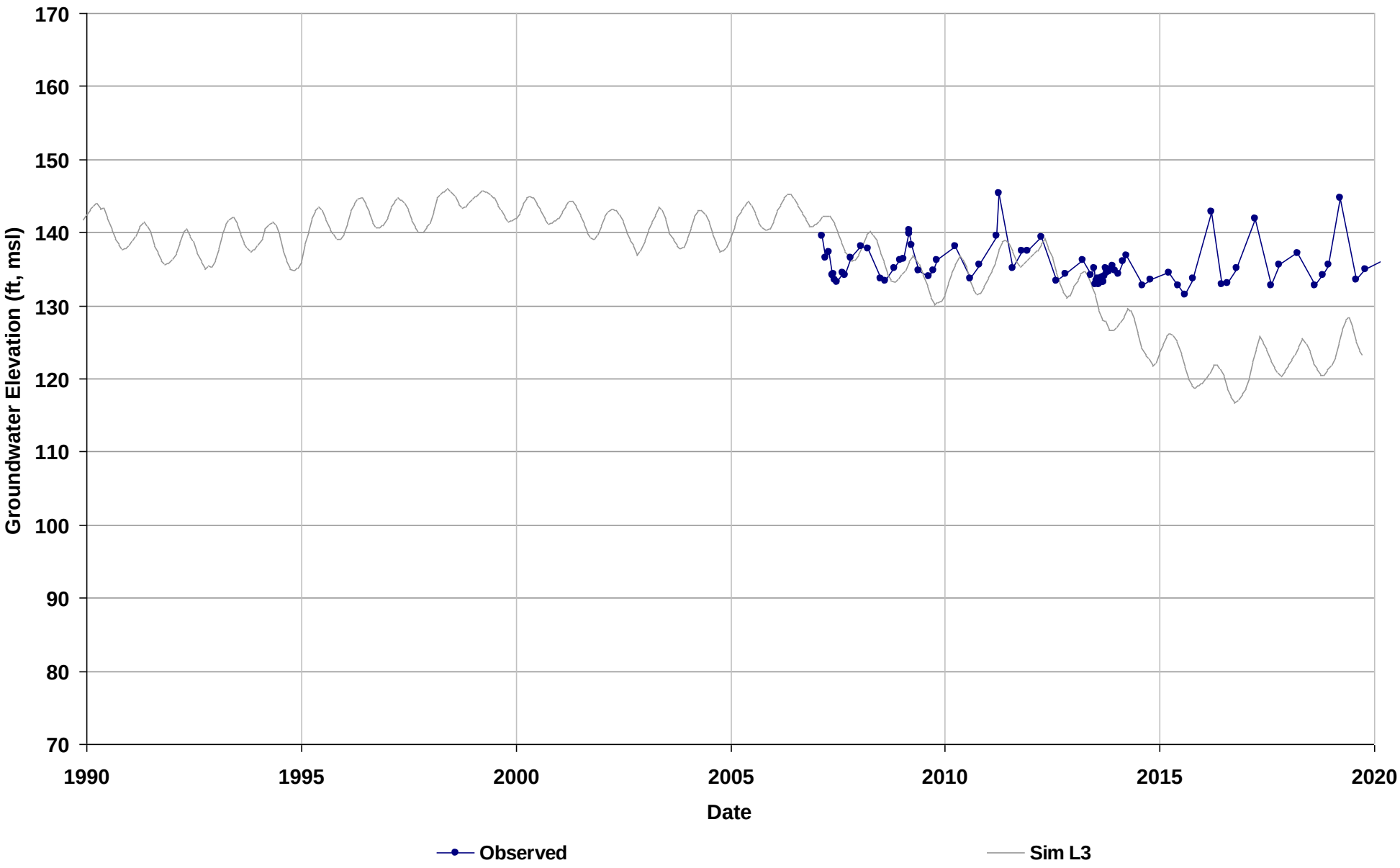
Well Name: 22N02W18C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 90
Perf Top (ft): 55
Perf Bottom (ft): 65
Top Model Layer: 2
Bottom Model Layer: 2



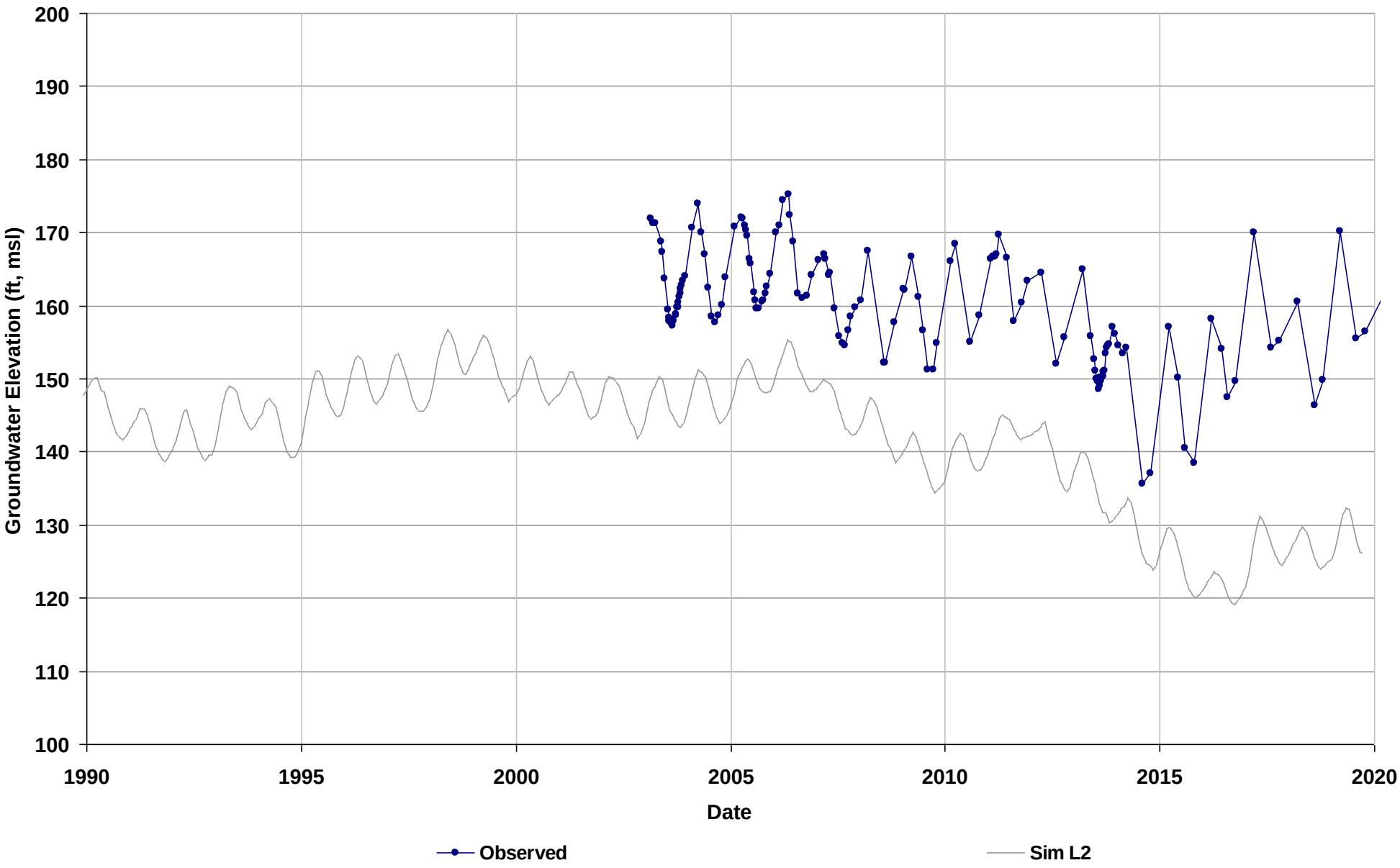
Well Name: 22N02W01N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

Total Depth (ft): 108
Perf Top (ft): 70
Perf Bottom (ft): 80
Top Model Layer: 3
Bottom Model Layer: 3



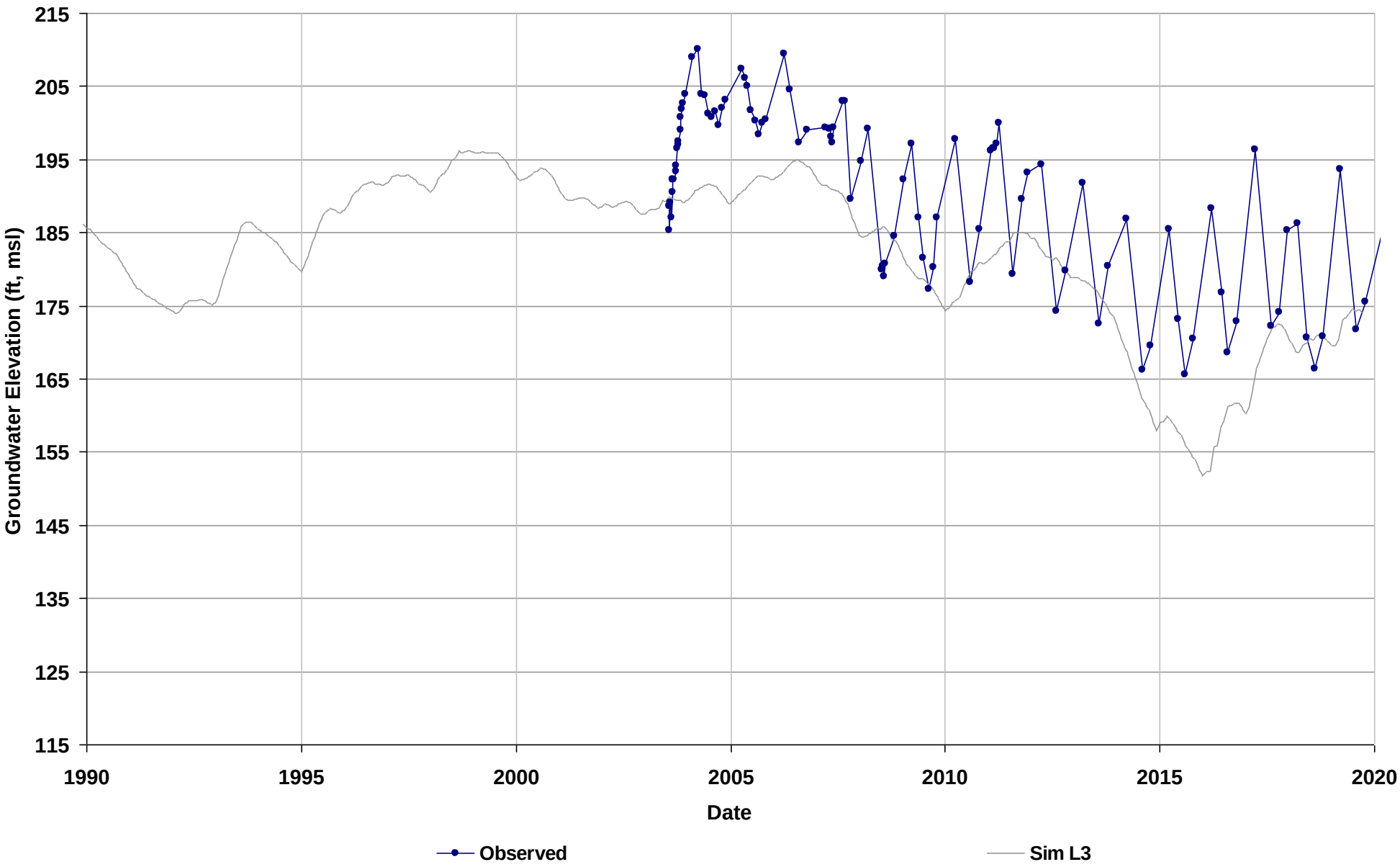
Well Name: 22N02W15C005M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 100
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 2
Bottom Model Layer: 2



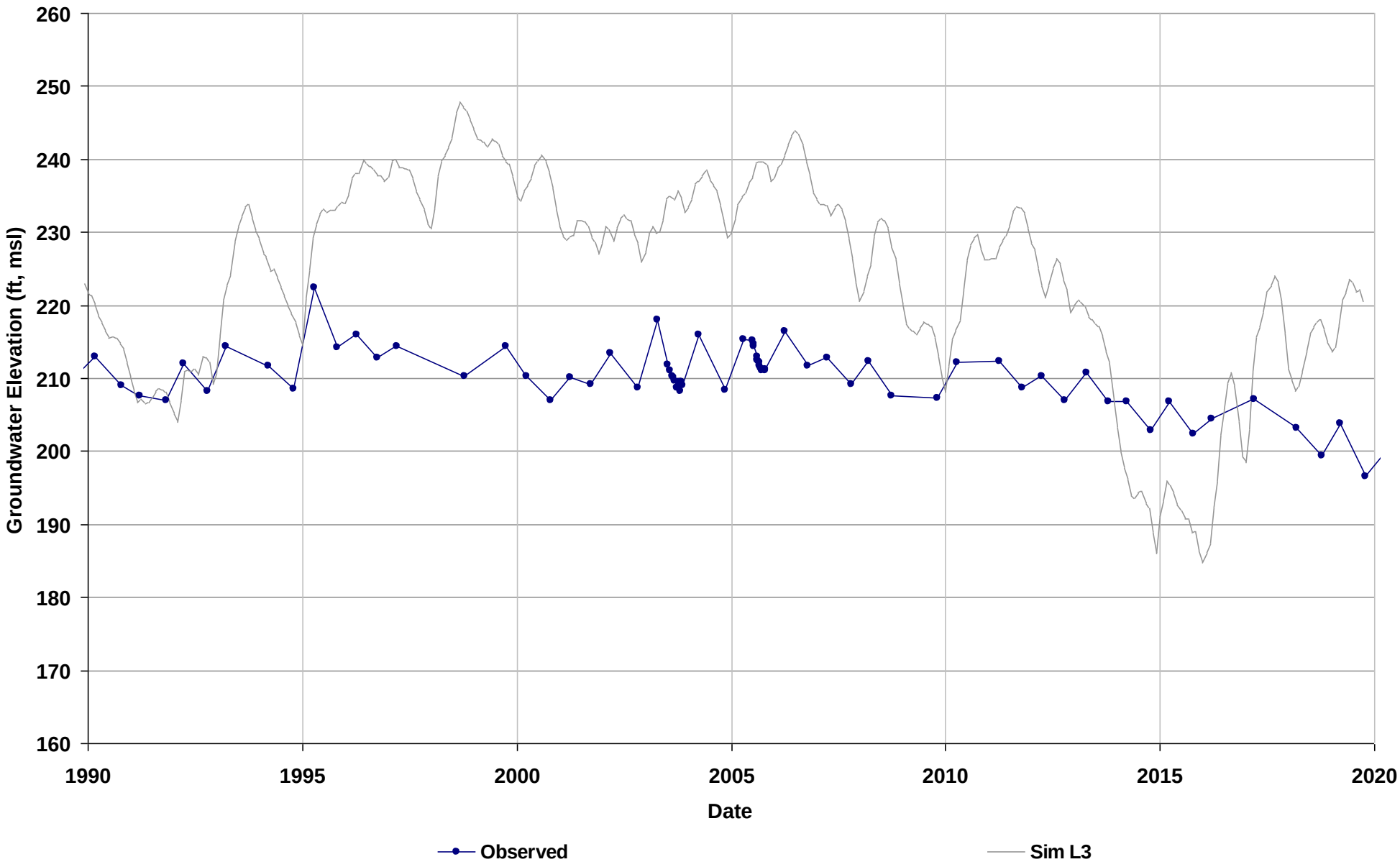
Well Name: 22N03W01R003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

Total Depth (ft): 103
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 3
Bottom Model Layer: 3



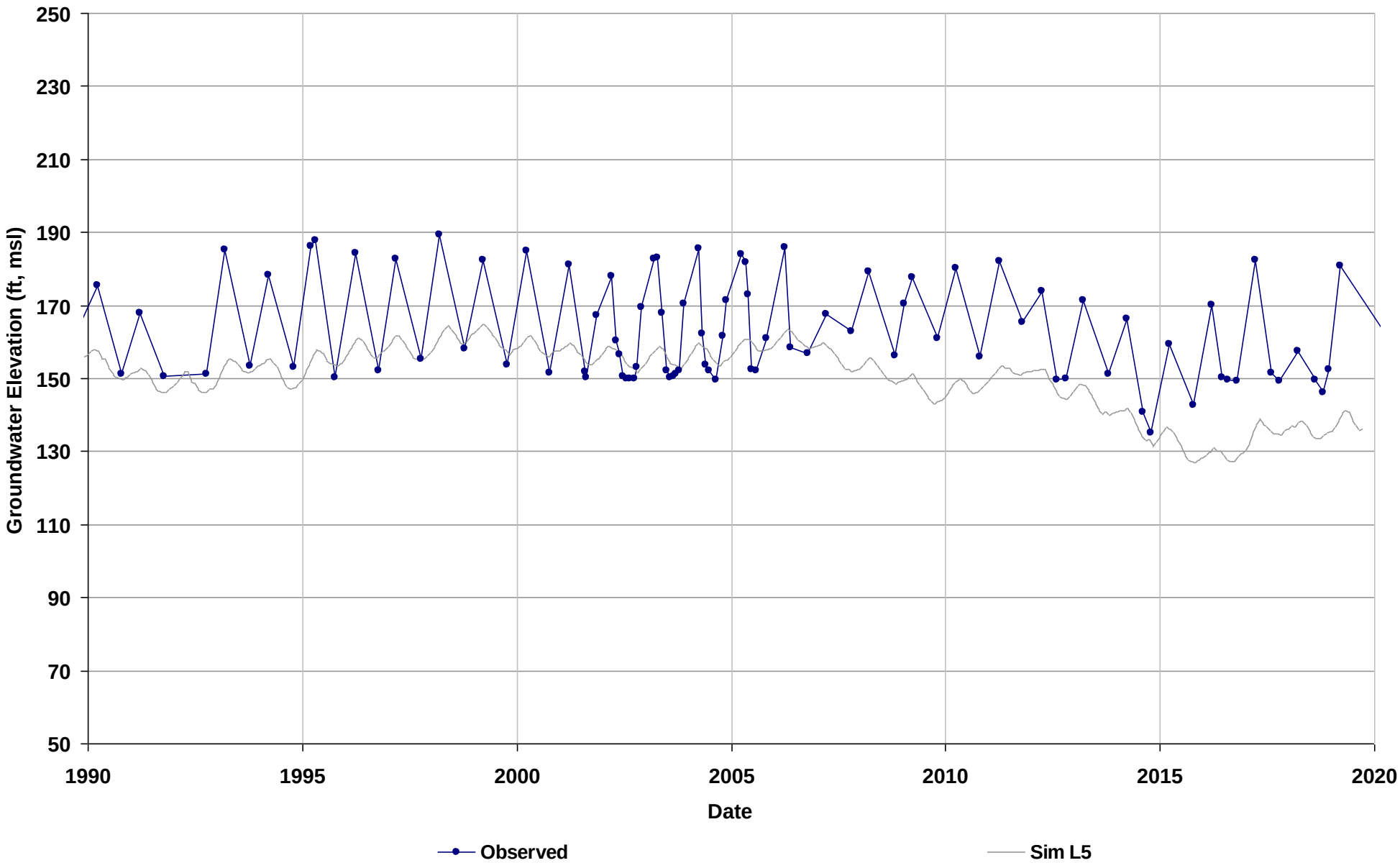
Well Name: 22N03W04E001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 285

Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 180
Top Model Layer: 3
Bottom Model Layer: 3



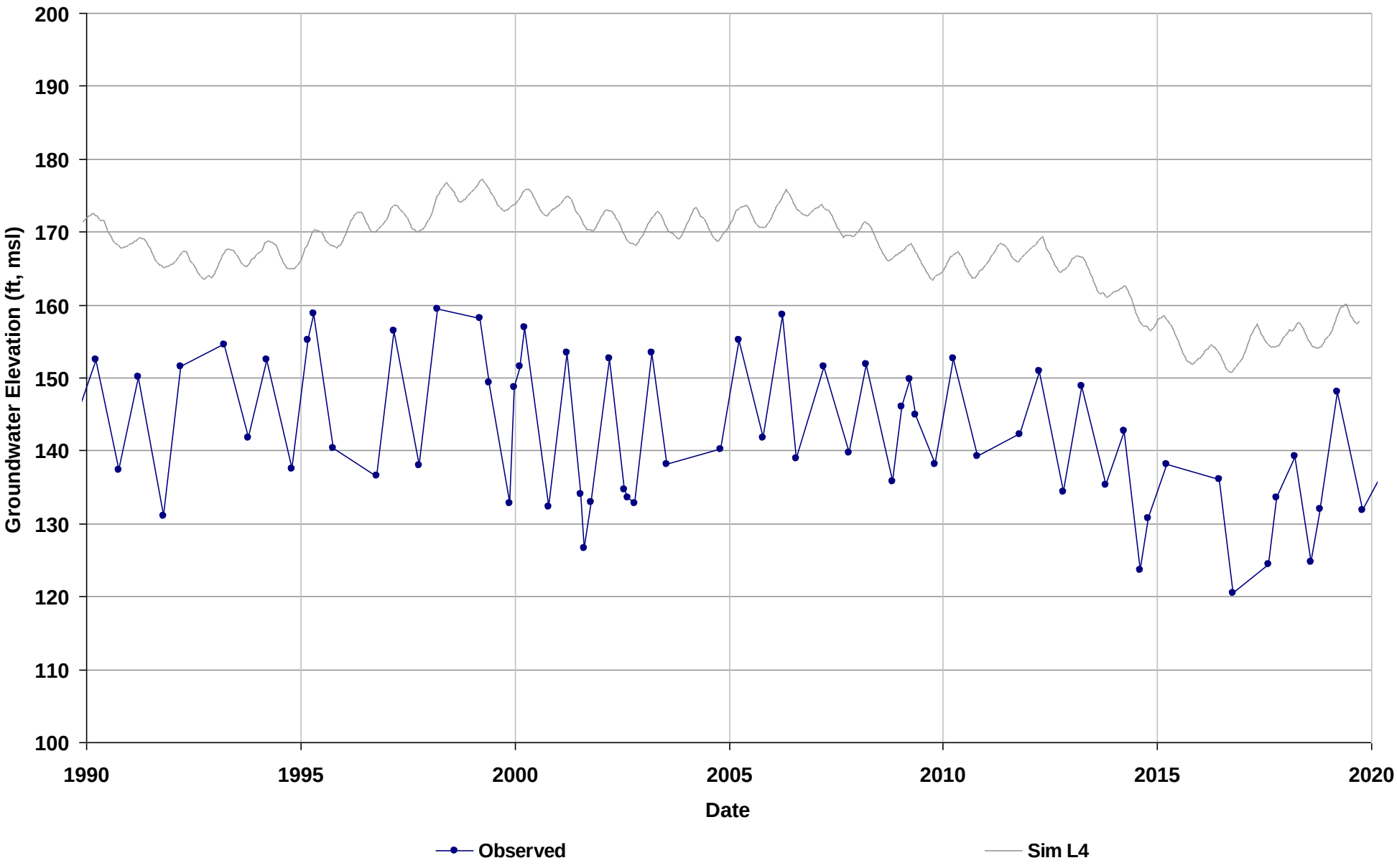
Well Name: 22N02W09L003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 197

Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 536
Top Model Layer: 5
Bottom Model Layer: 5



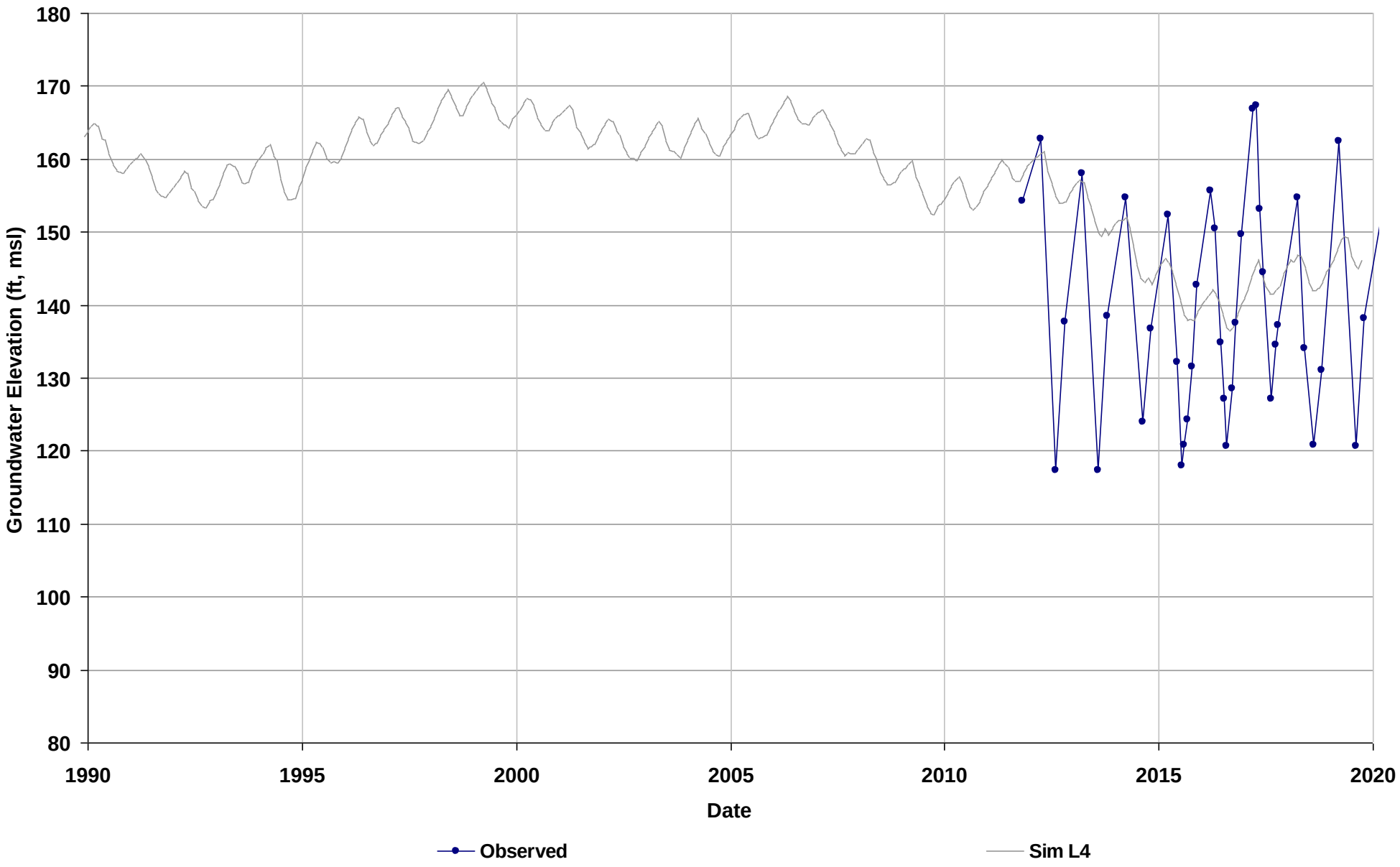
Well Name: 23N02W16B001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 184

Total Depth (ft): 120
Perf Top (ft): 100
Perf Bottom (ft): 120
Top Model Layer: 4
Bottom Model Layer: 4



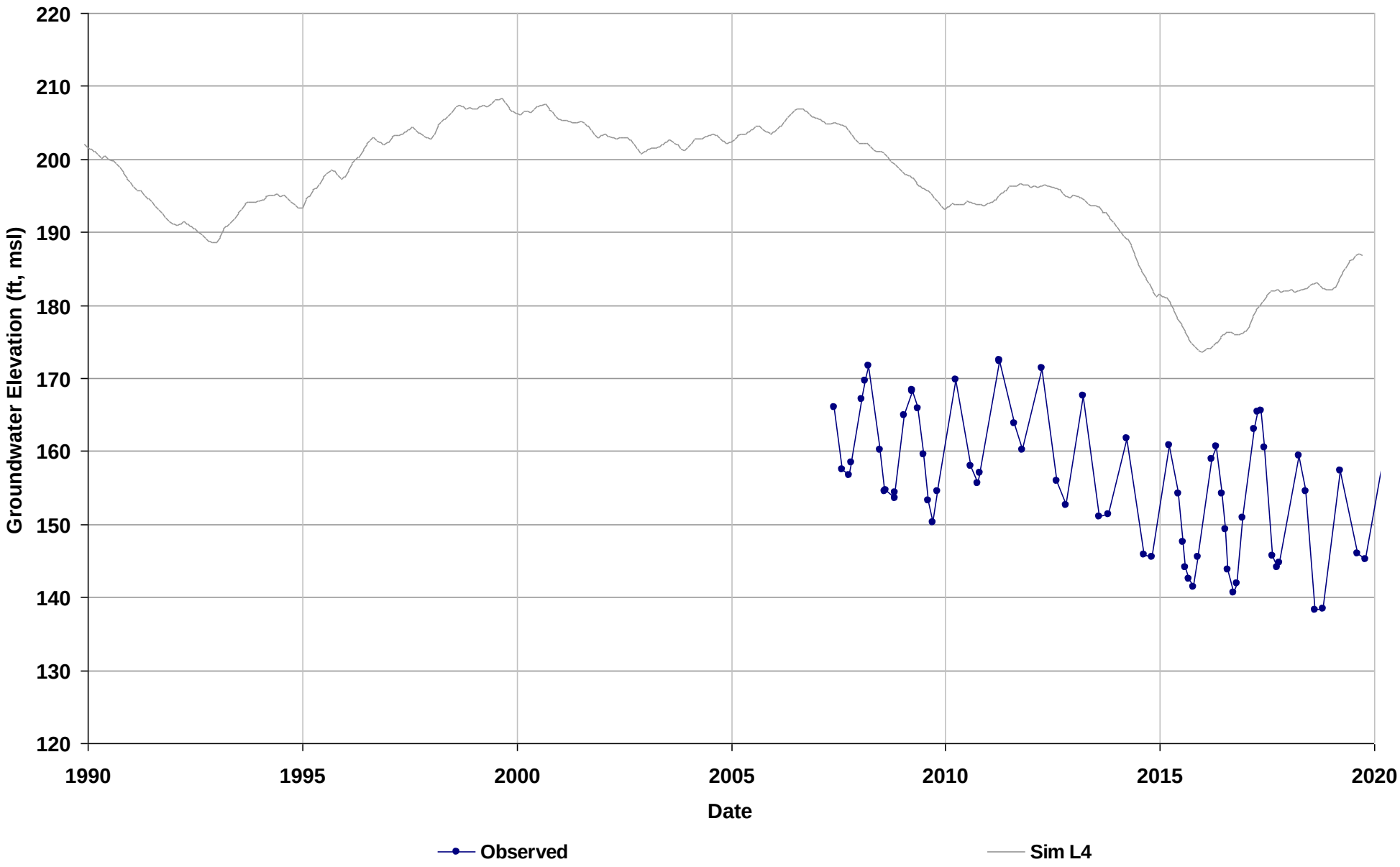
Well Name: 23N02W28N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 202

Total Depth (ft): 205
Perf Top (ft): 100
Perf Bottom (ft): 170
Top Model Layer: 4
Bottom Model Layer: 4



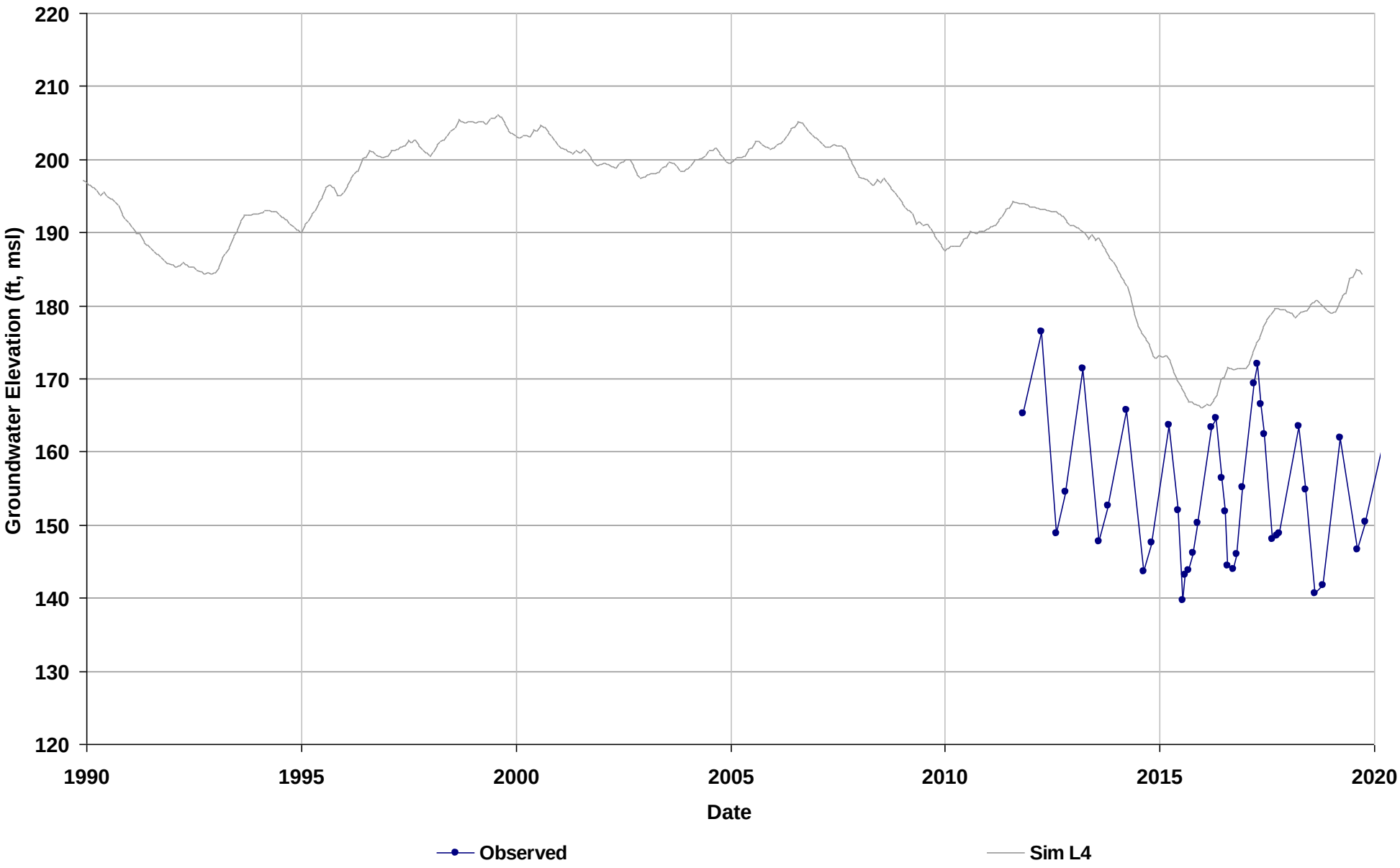
Well Name: 23N03W13C006M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 213

Total Depth (ft): 182
Perf Top (ft): 95
Perf Bottom (ft): 135
Top Model Layer: 4
Bottom Model Layer: 4



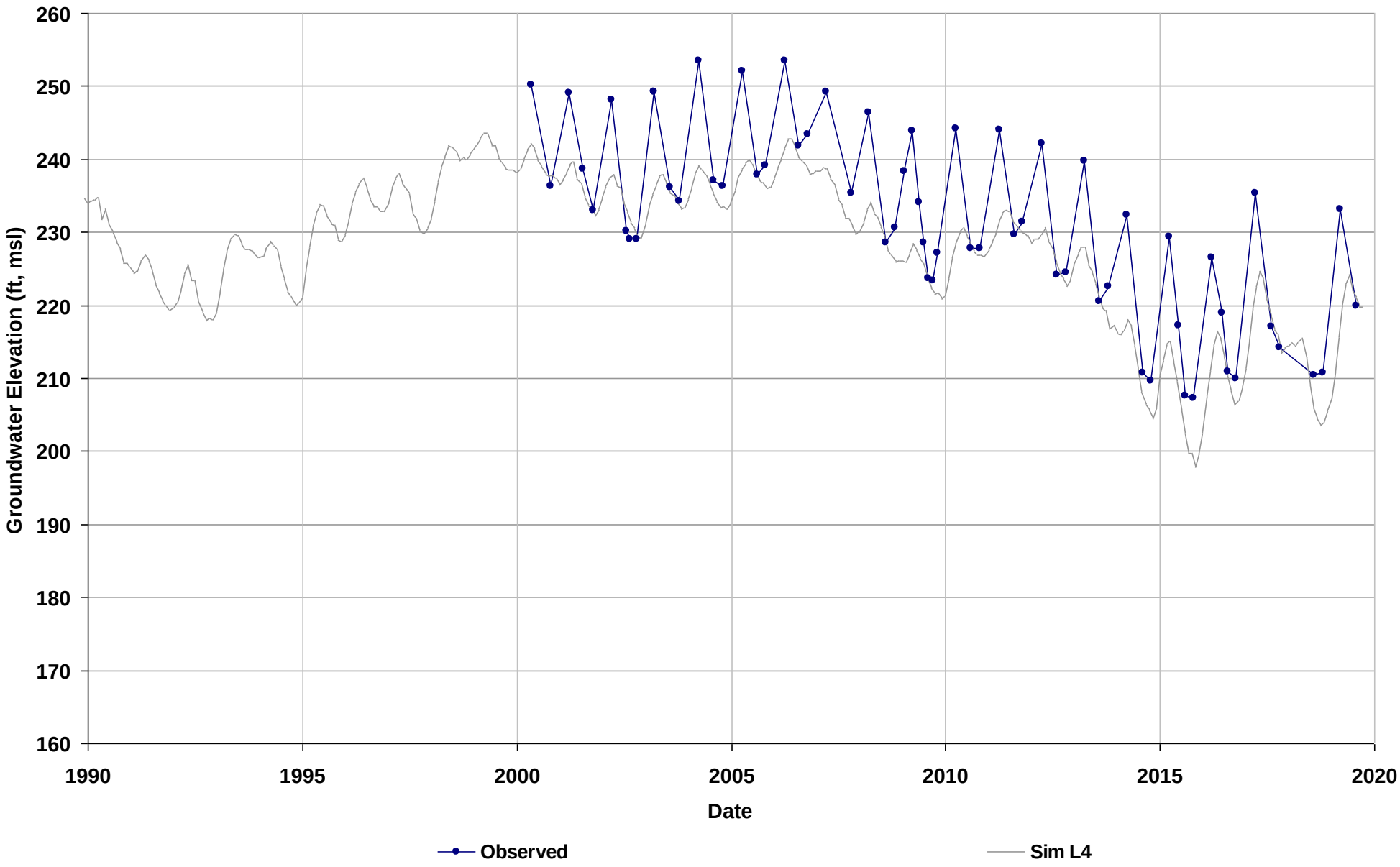
Well Name: 23N03W25M004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 235

Total Depth (ft): 155
Perf Top (ft): 120
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



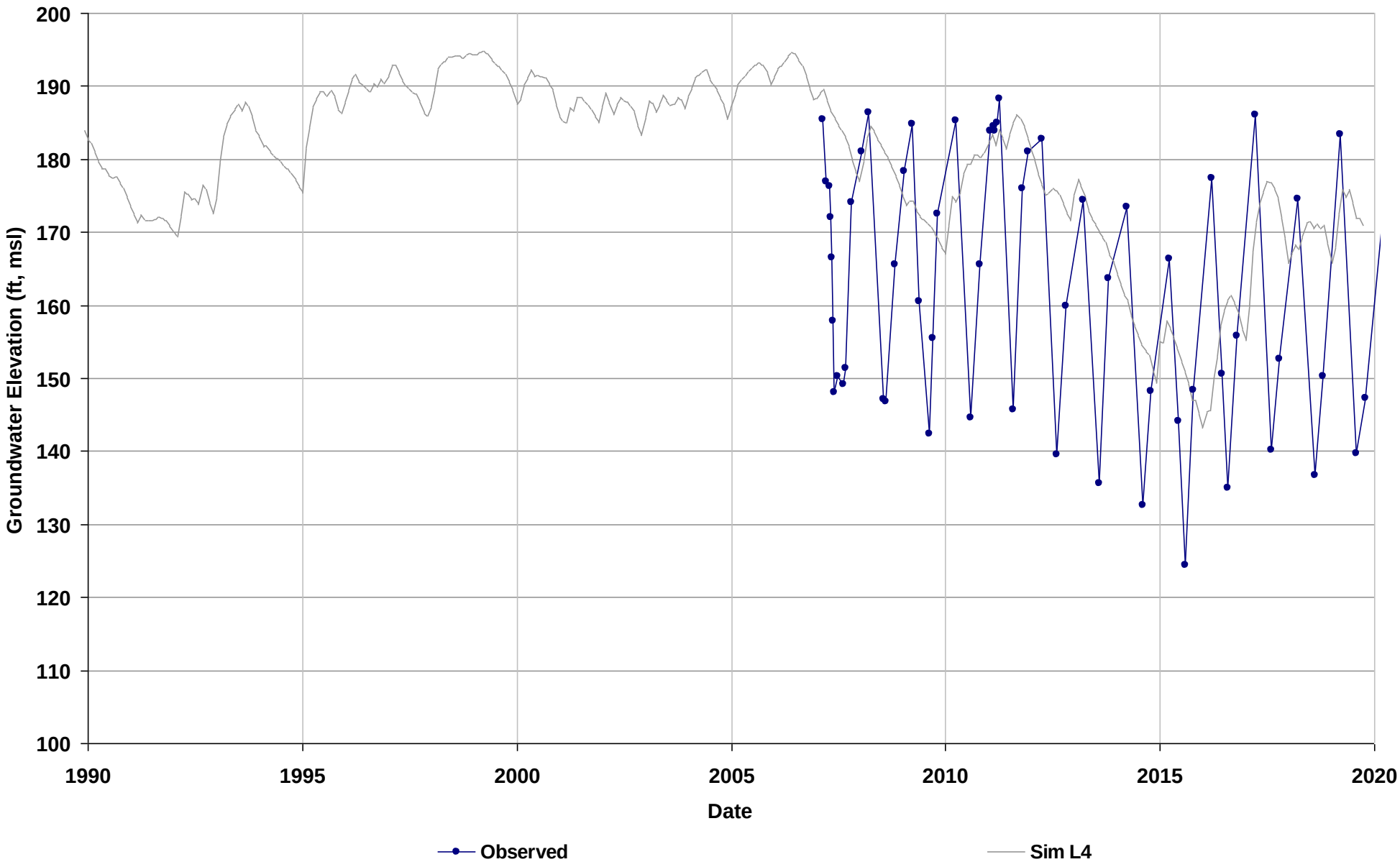
Well Name: 24N03W03R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 278

Total Depth (ft): 132
Perf Top (ft): 112
Perf Bottom (ft): 132
Top Model Layer: 4
Bottom Model Layer: 4



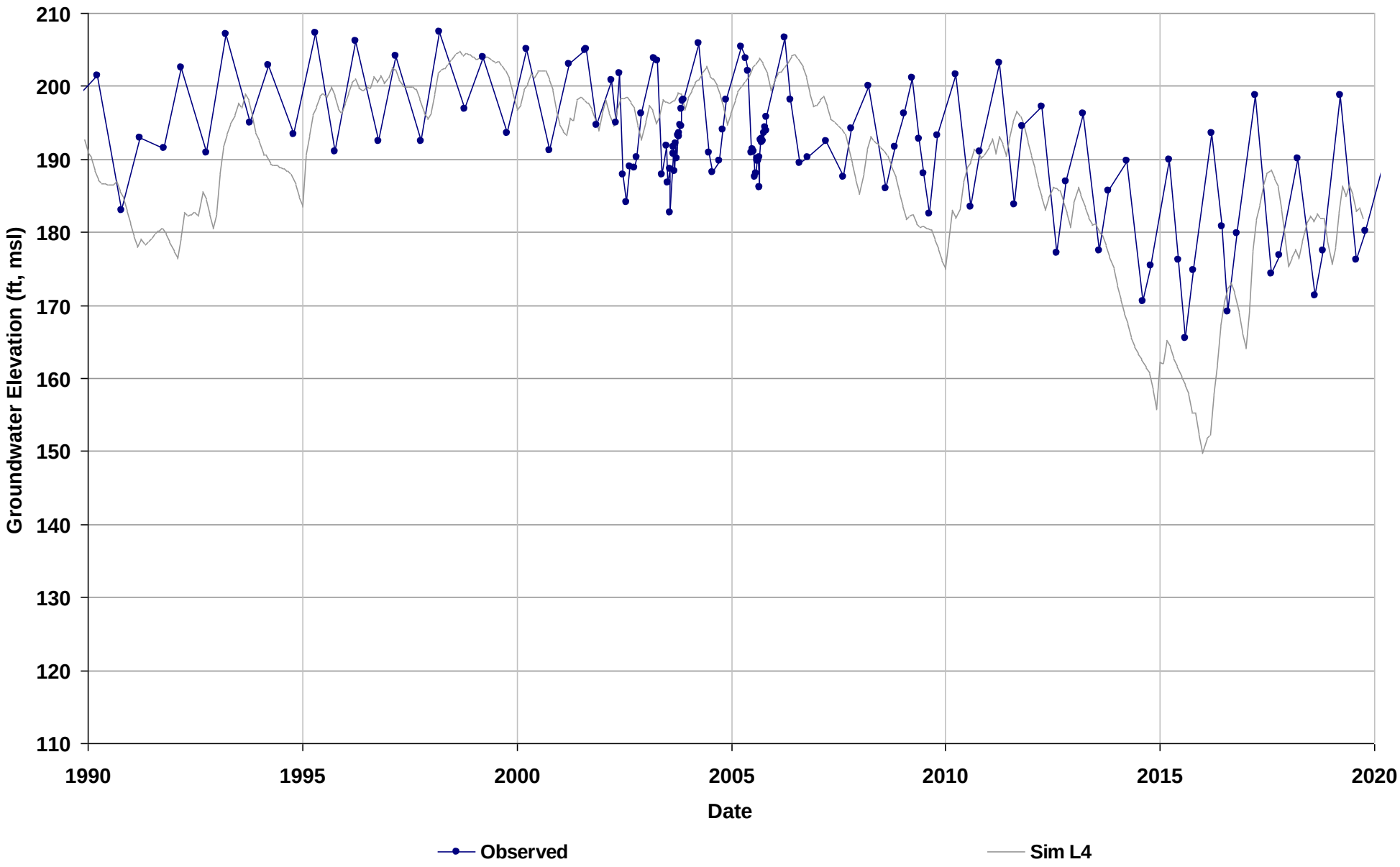
Well Name: 22N02W18C003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 188
Perf Top (ft): 165
Perf Bottom (ft): 175
Top Model Layer: 4
Bottom Model Layer: 4



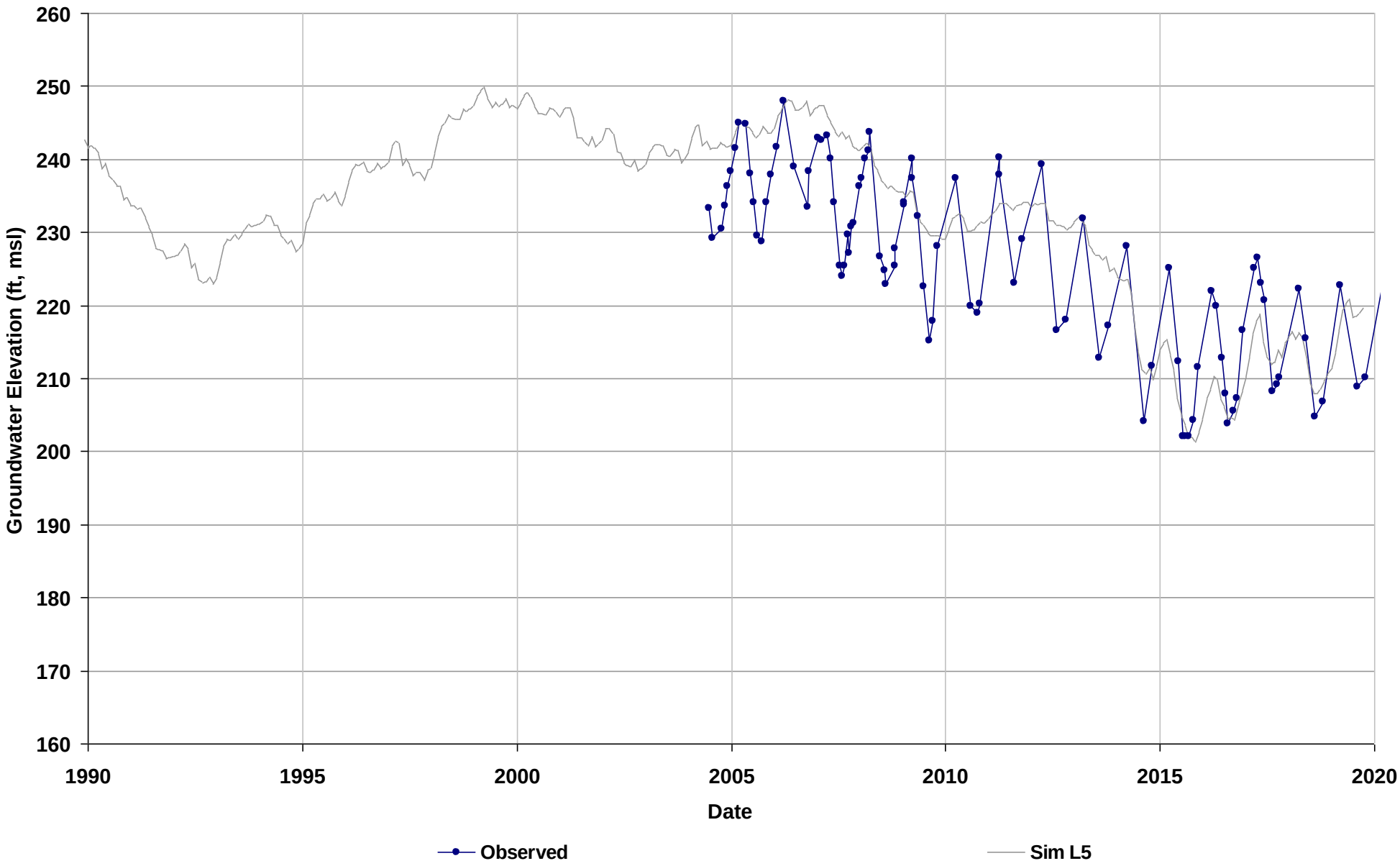
Well Name: 22N03W12Q003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 232

Total Depth (ft):
Perf Top (ft): 112
Perf Bottom (ft): 123
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 24N03W29Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 314

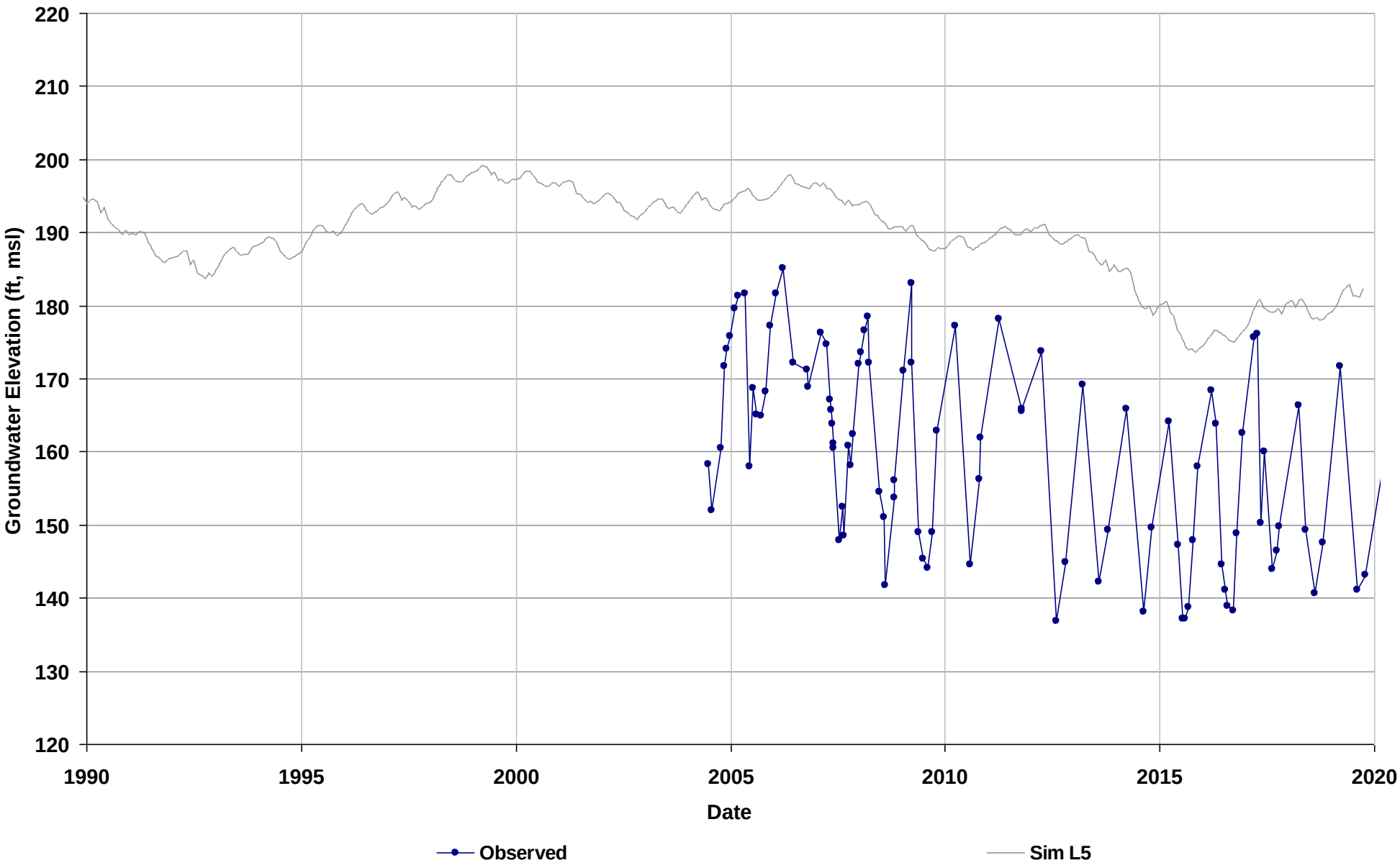
Total Depth (ft): 372
Perf Top (ft): 130
Perf Bottom (ft): 360
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Historical

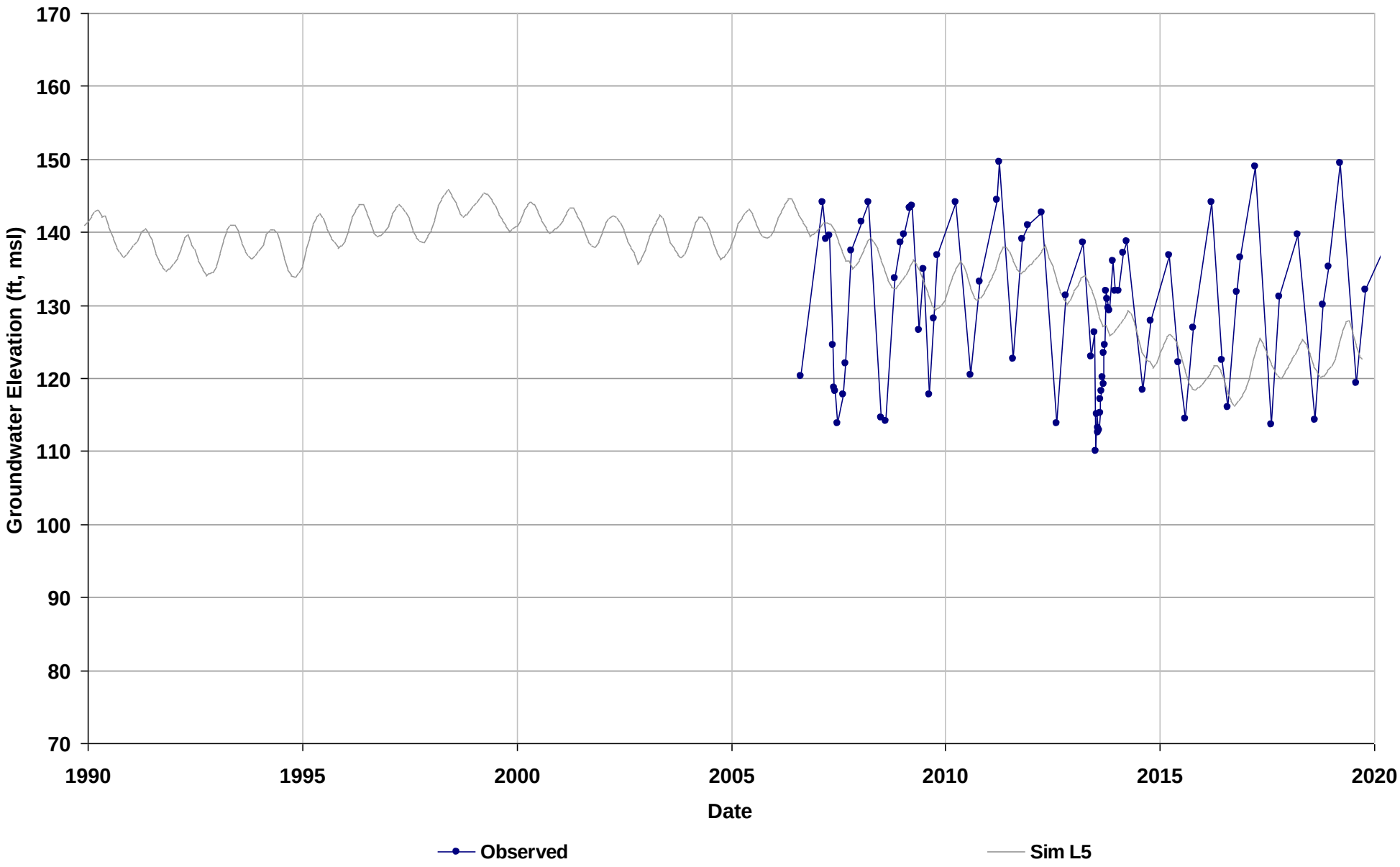
Well Name: 24N02W29N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 212

Total Depth (ft): 388
Perf Top (ft): 200
Perf Bottom (ft): 290
Top Model Layer: 5
Bottom Model Layer: 5



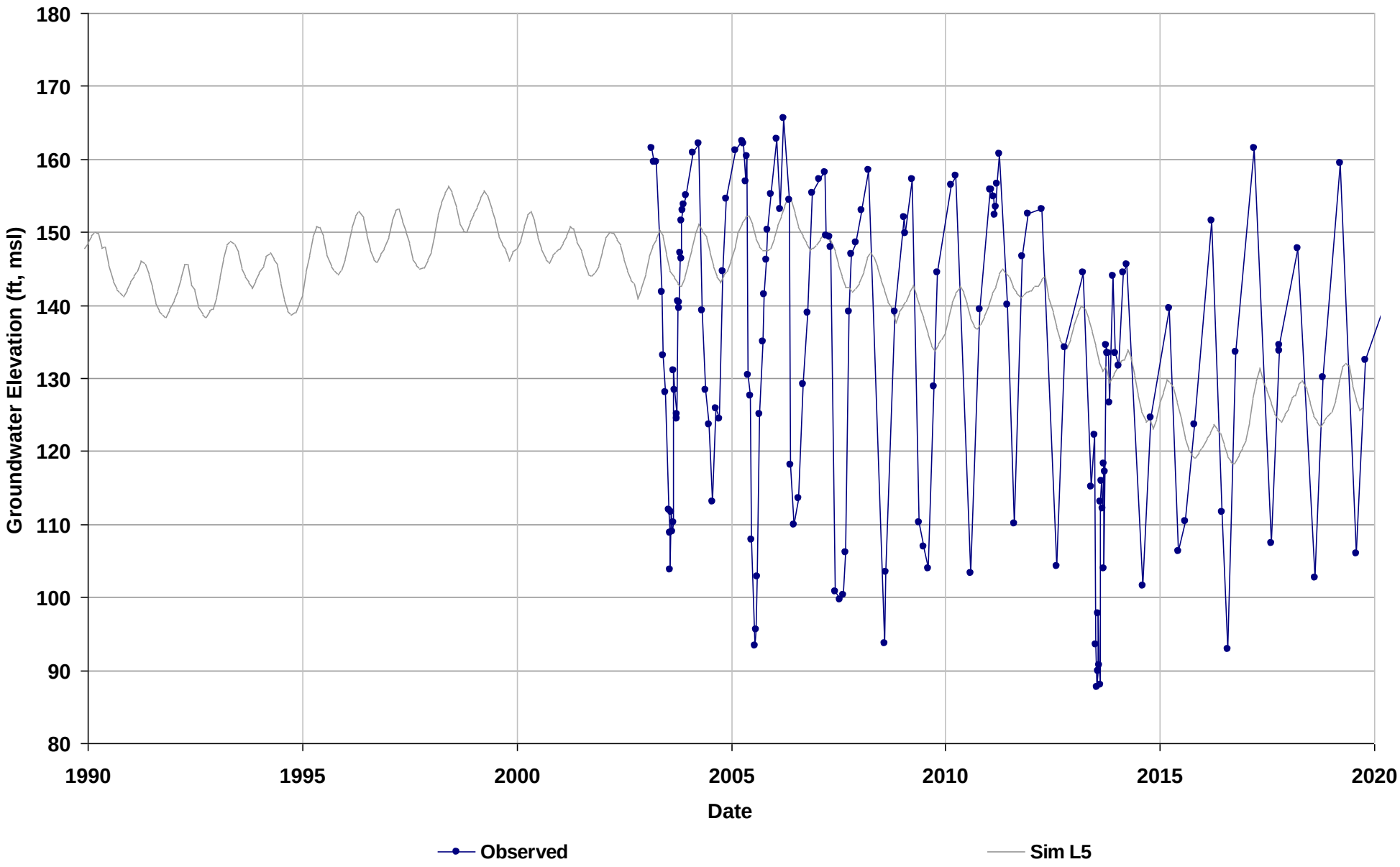
Well Name: 22N02W01N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

Total Depth (ft): 440
Perf Top (ft): 210
Perf Bottom (ft): 370
Top Model Layer: 5
Bottom Model Layer: 5



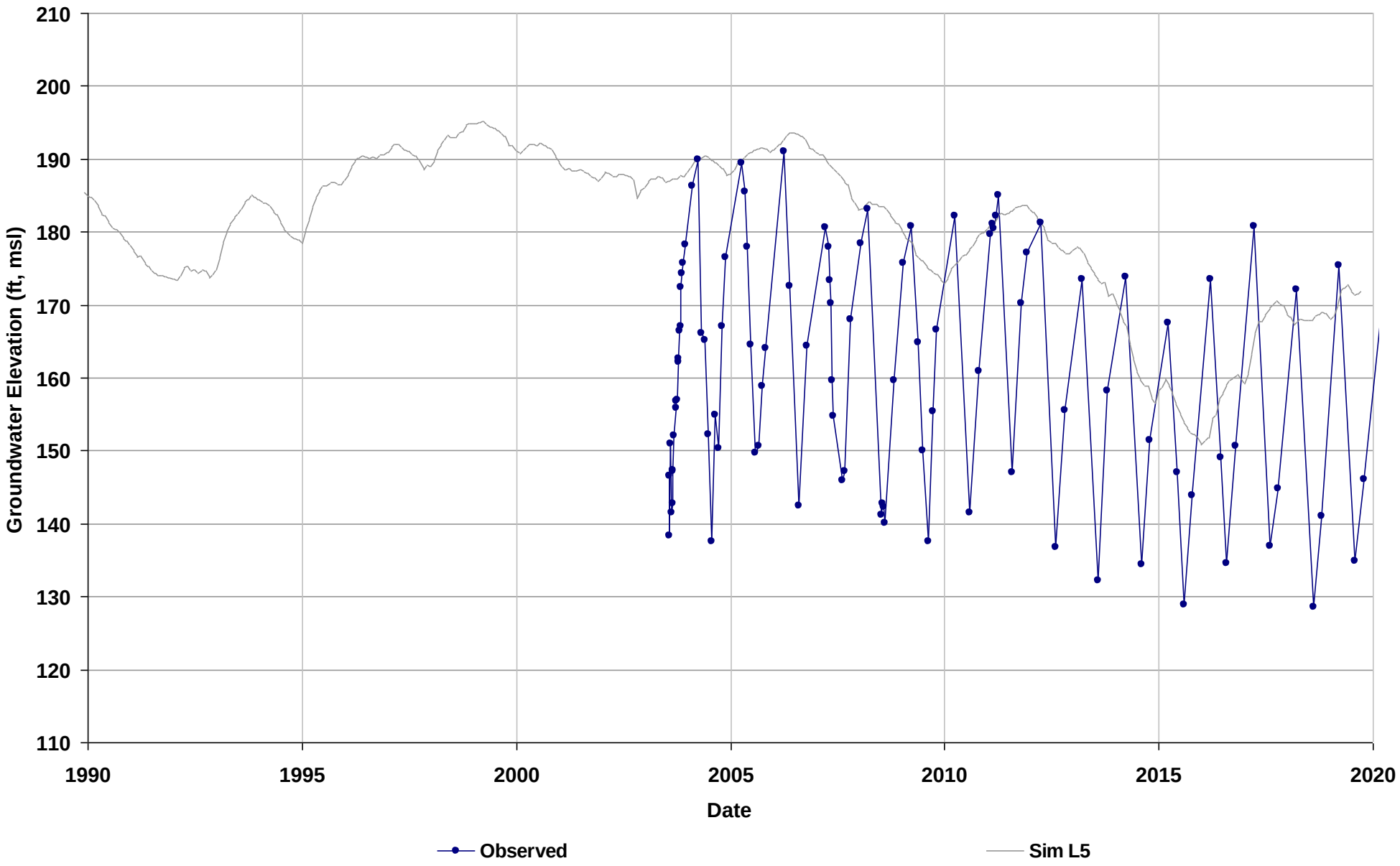
Well Name: 22N02W15C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 258
Perf Top (ft): 210
Perf Bottom (ft): 220
Top Model Layer: 5
Bottom Model Layer: 5



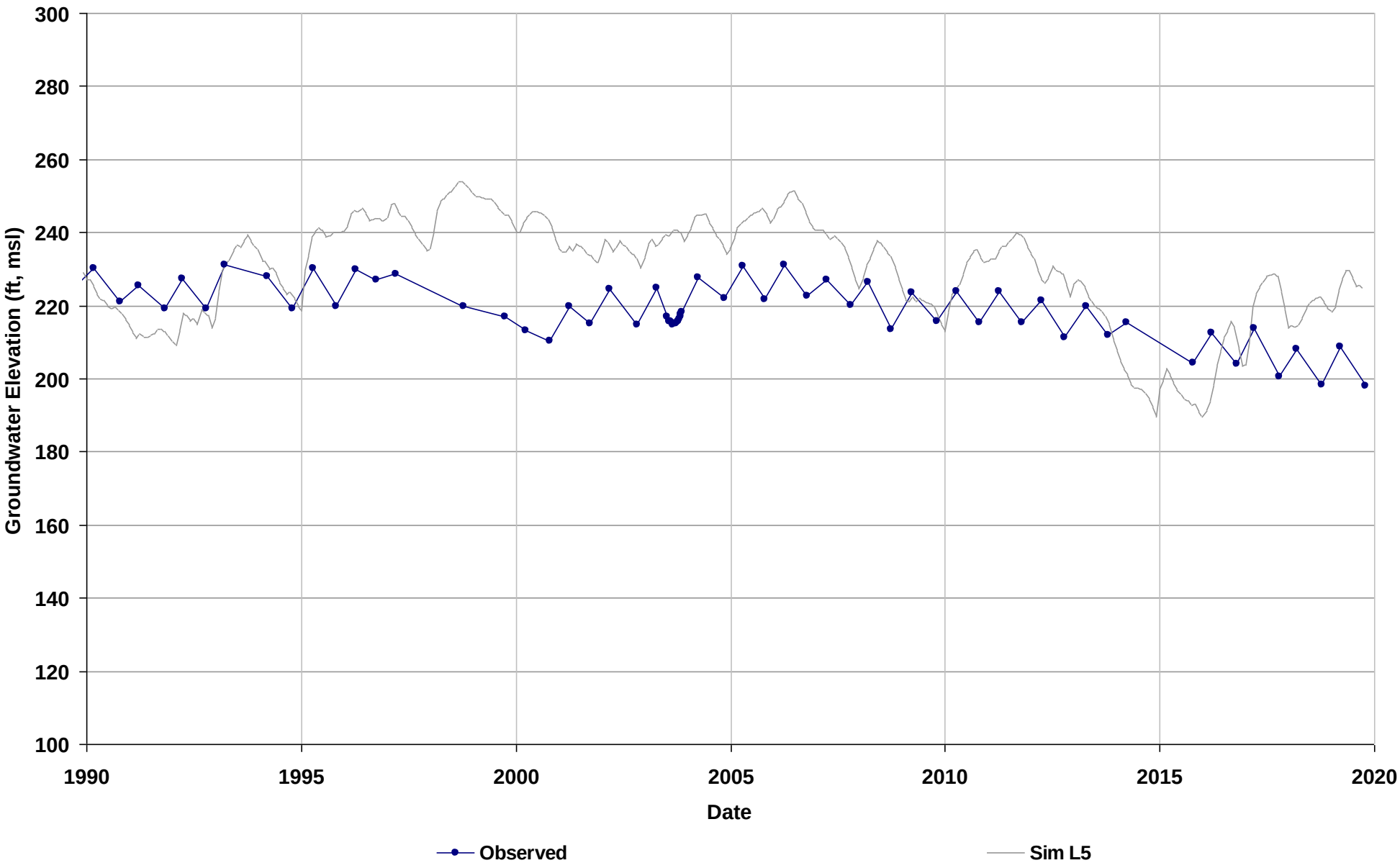
Well Name: 22N03W01R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

Total Depth (ft): 314
Perf Top (ft): 270
Perf Bottom (ft): 280
Top Model Layer: 5
Bottom Model Layer: 5



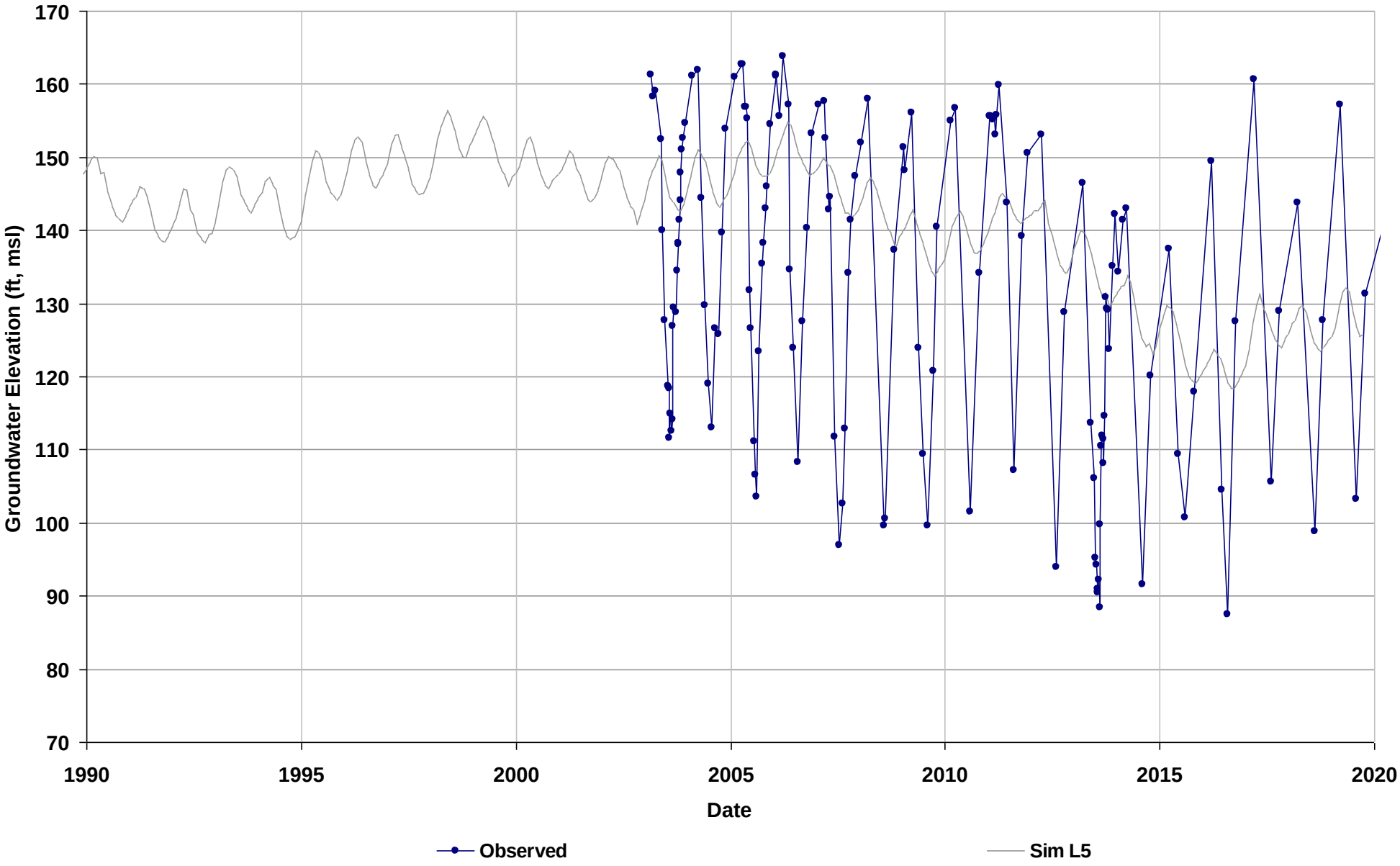
Well Name: 22N03W05F002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 297

Total Depth (ft):
Perf Top (ft): 188
Perf Bottom (ft): 218
Top Model Layer: 5
Bottom Model Layer: 5



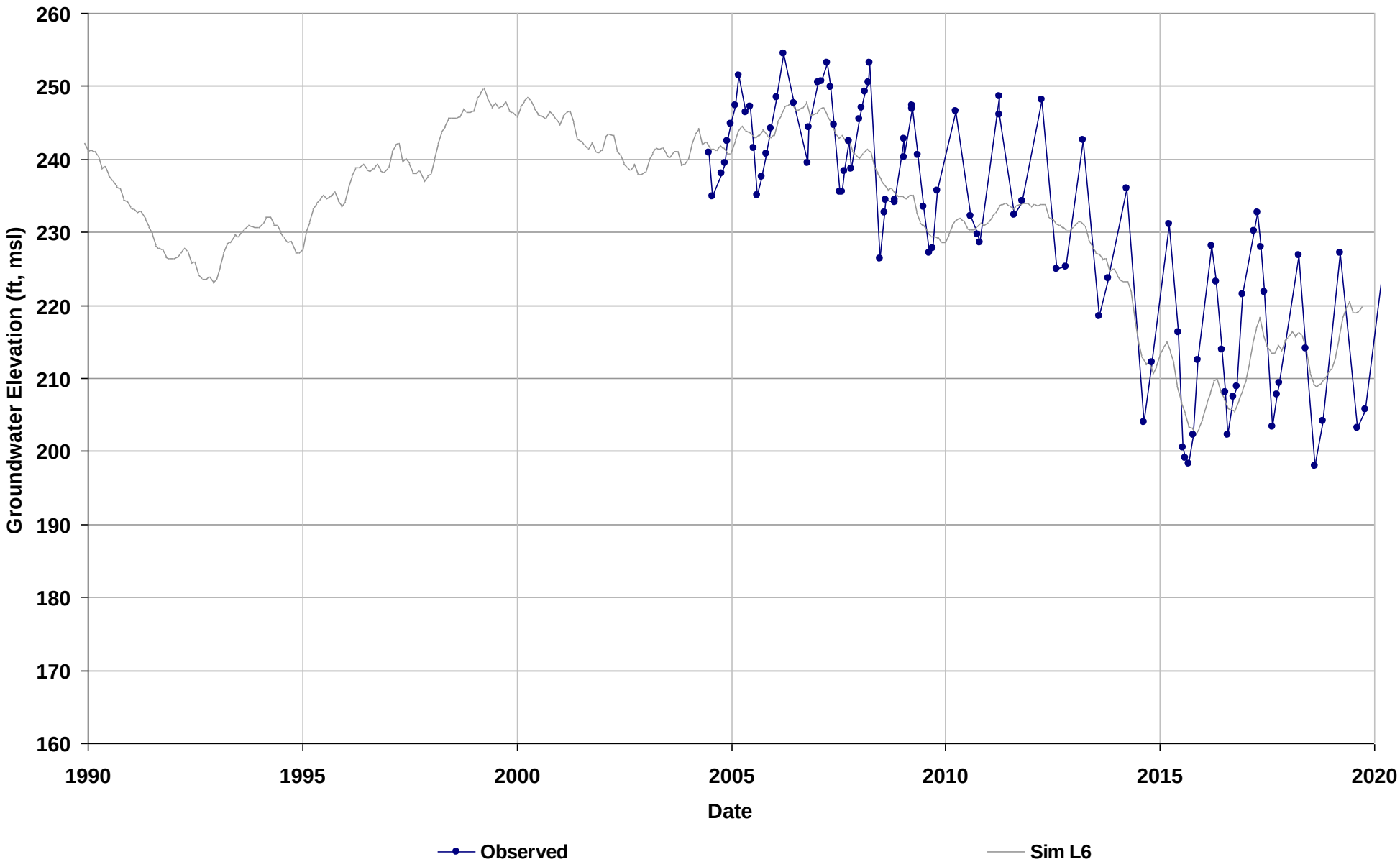
Well Name: 22N02W15C003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 422
Perf Top (ft): 370
Perf Bottom (ft): 380
Top Model Layer: 5
Bottom Model Layer: 5



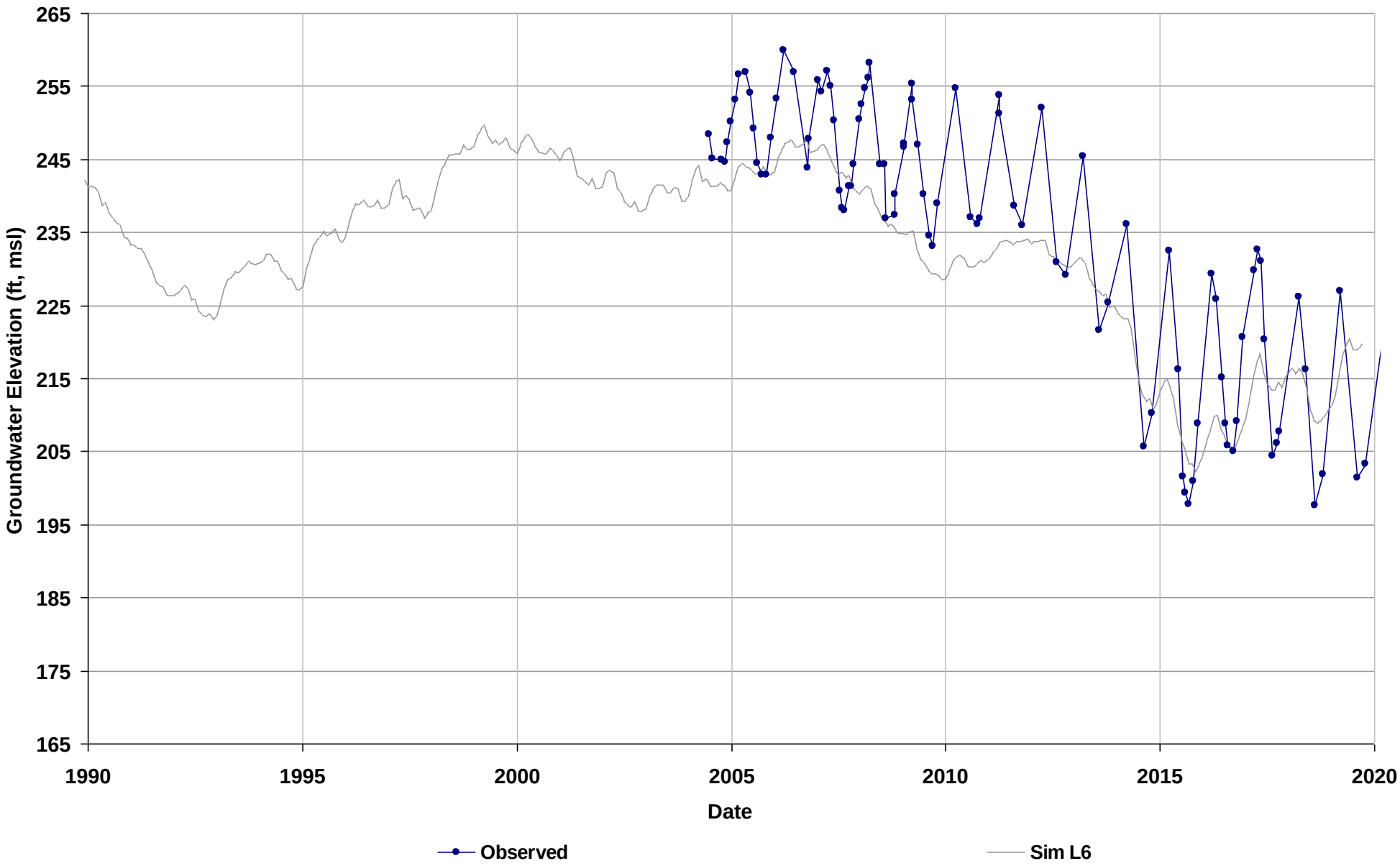
Well Name: 24N03W29Q002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

Total Depth (ft): 575
Perf Top (ft): 490
Perf Bottom (ft): 550
Top Model Layer: 6
Bottom Model Layer: 6



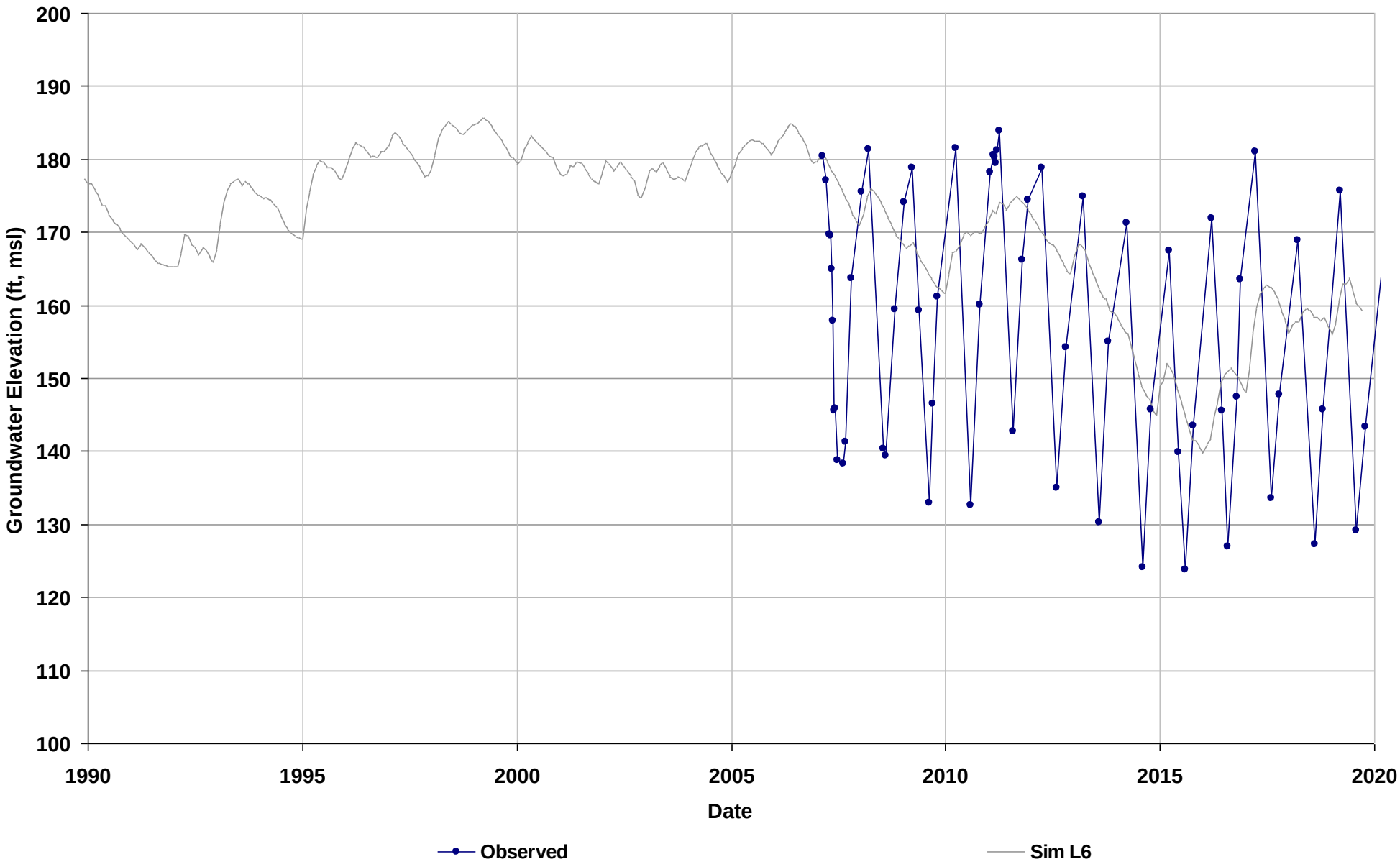
Well Name: 24N03W29Q003M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

Total Depth (ft): 844
Perf Top (ft): 650
Perf Bottom (ft): 710
Top Model Layer: 6
Bottom Model Layer: 6



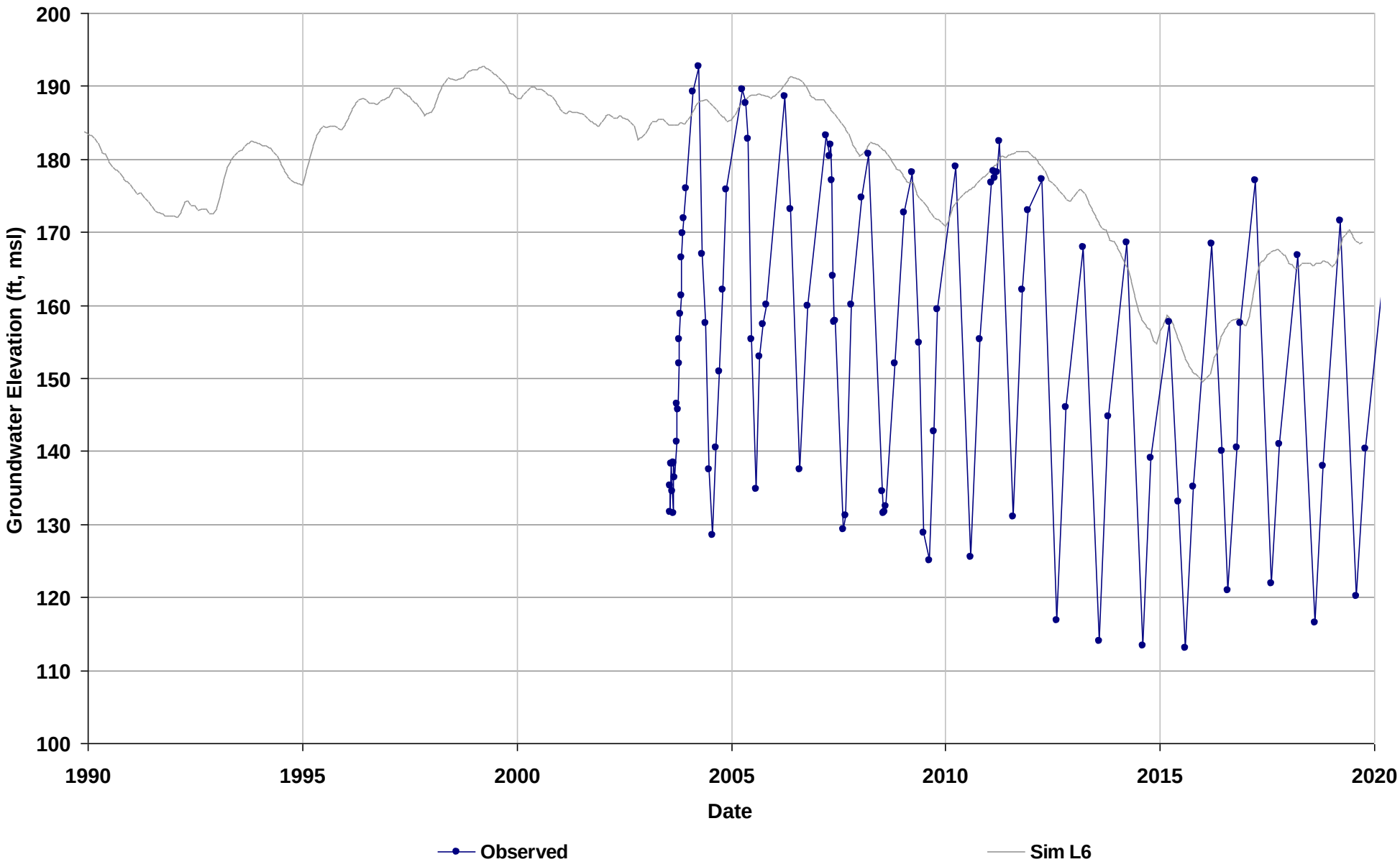
Well Name: 22N02W18C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 482
Perf Top (ft): 414
Perf Bottom (ft): 434
Top Model Layer: 6
Bottom Model Layer: 6



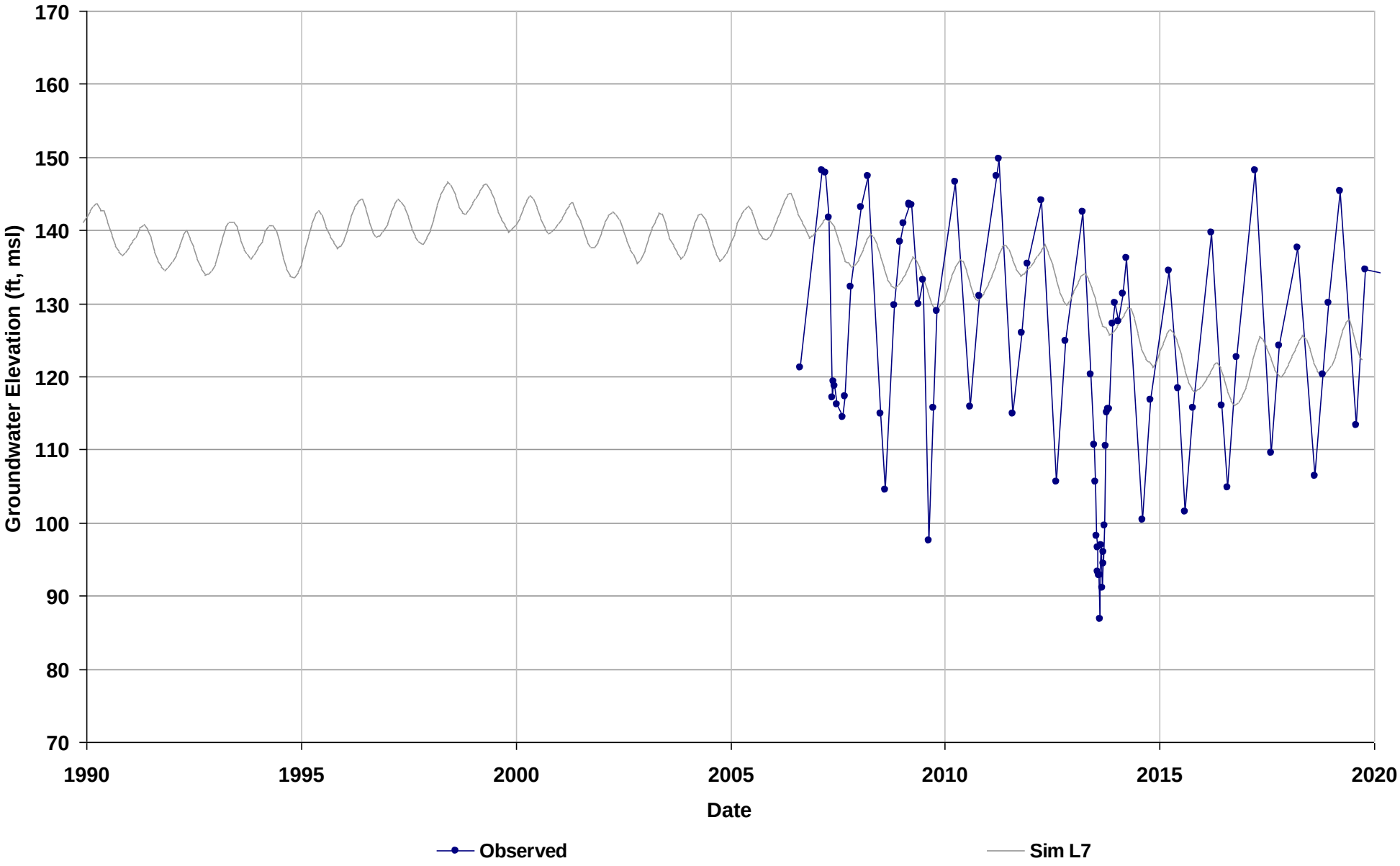
Well Name: 22N03W01R001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 226

Total Depth (ft): 515
Perf Top (ft): 470
Perf Bottom (ft): 480
Top Model Layer: 6
Bottom Model Layer: 6



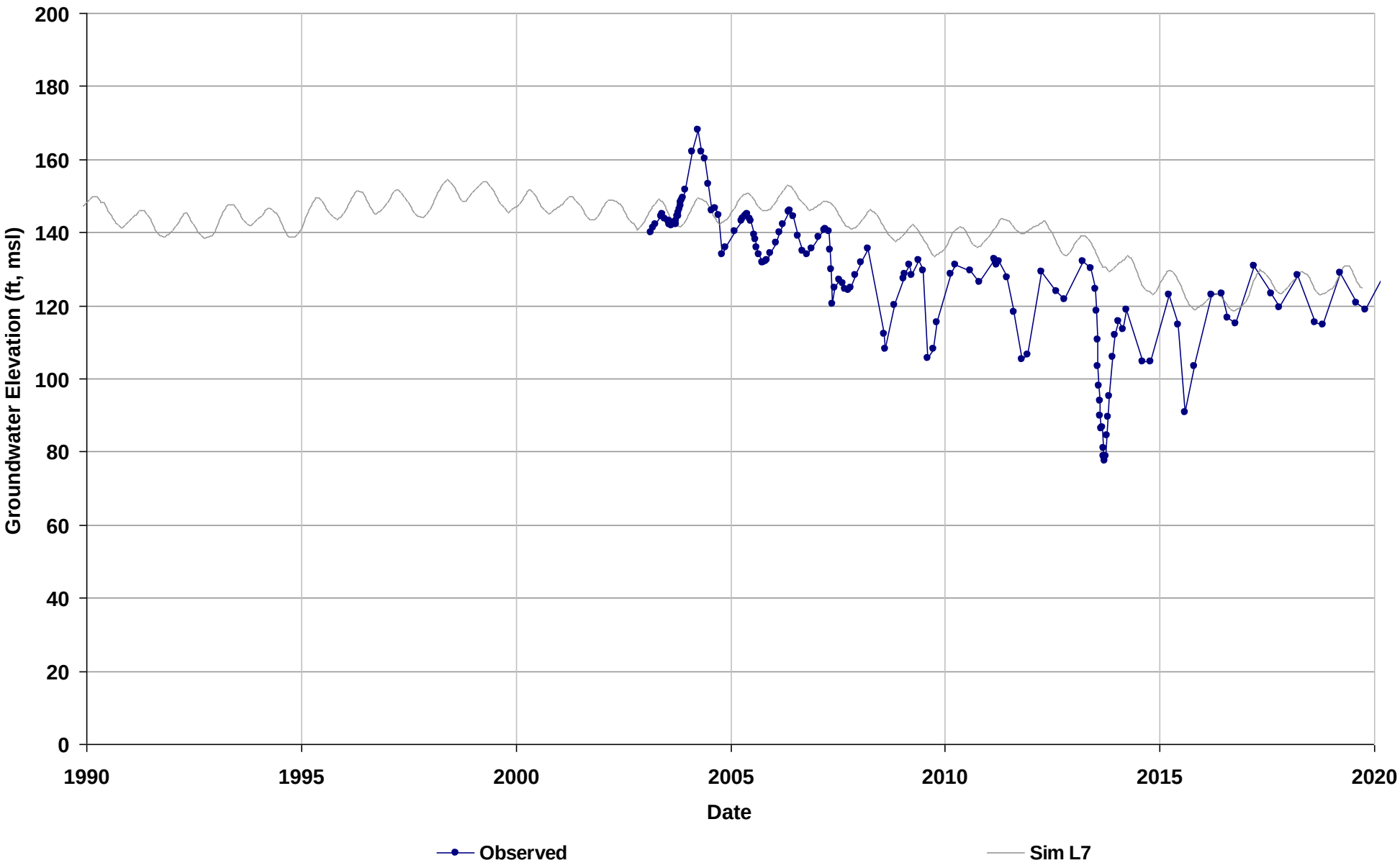
Well Name: 22N02W01N002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

Total Depth (ft): 730
Perf Top (ft): 700
Perf Bottom (ft): 710
Top Model Layer: 7
Bottom Model Layer: 7



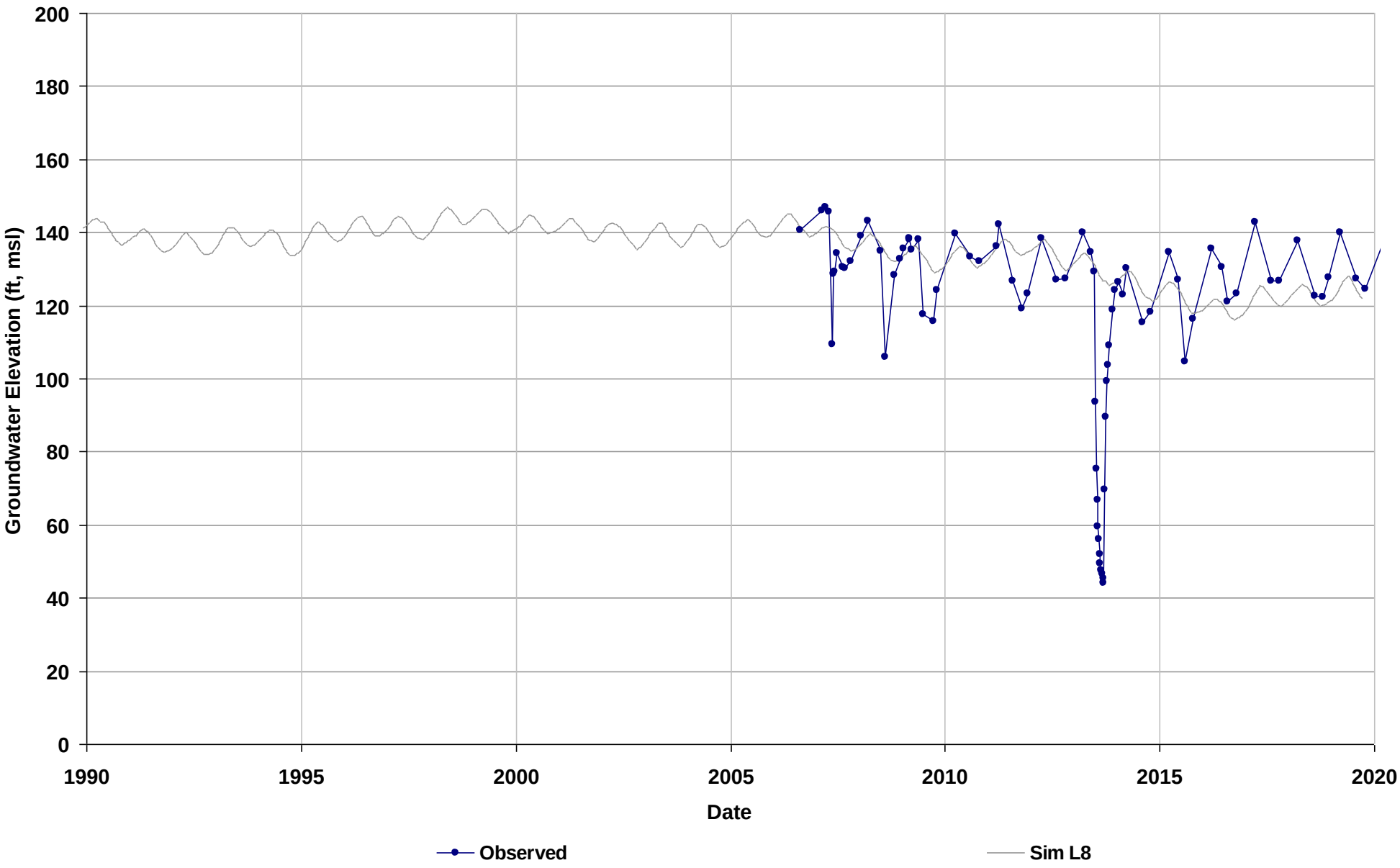
Well Name: 22N02W15C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 825
Perf Top (ft): 760
Perf Bottom (ft): 781
Top Model Layer: 7
Bottom Model Layer: 7



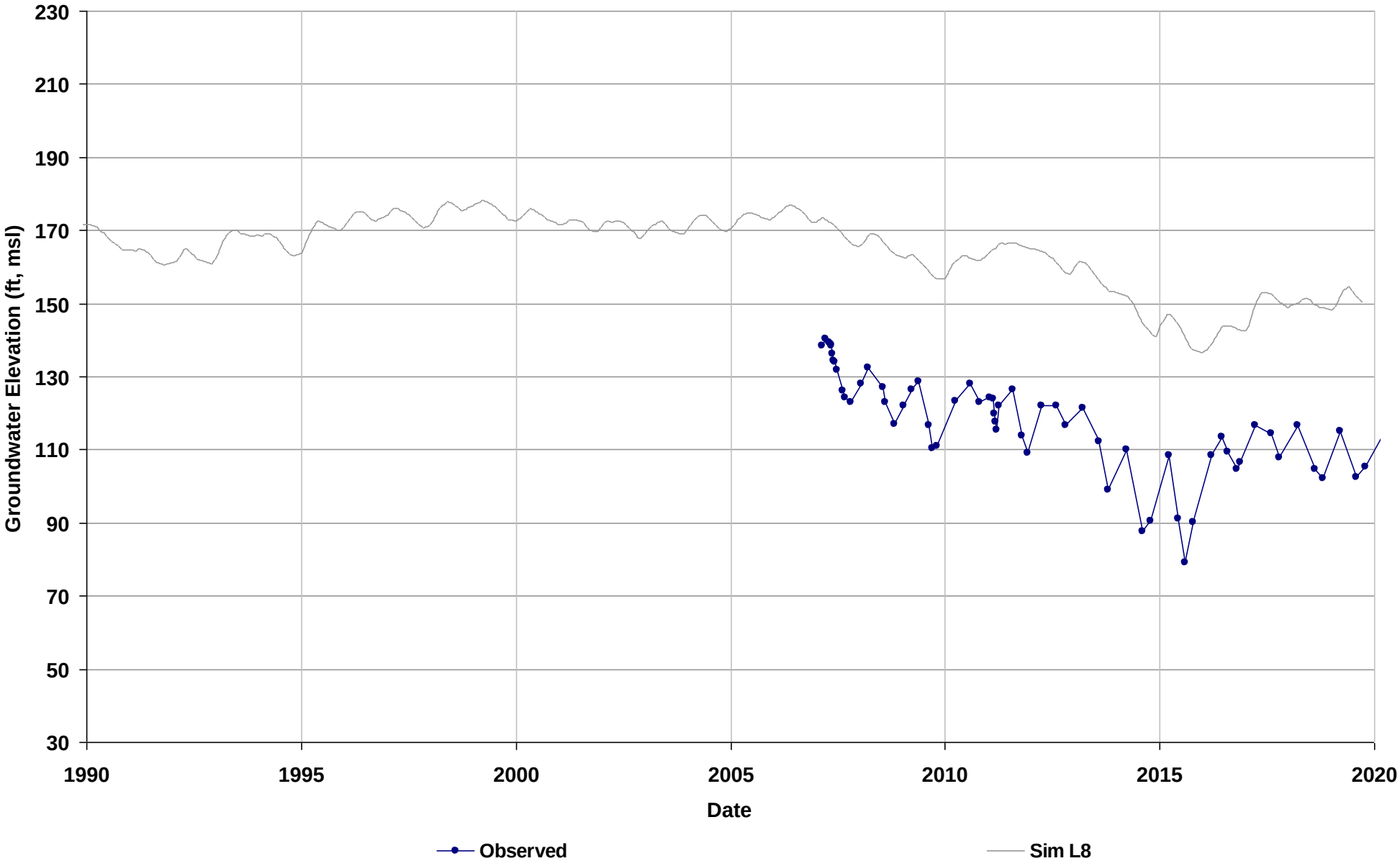
Well Name: 22N02W01N001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

Total Depth (ft): 1100
Perf Top (ft): 810
Perf Bottom (ft): 1050
Top Model Layer: 8
Bottom Model Layer: 8



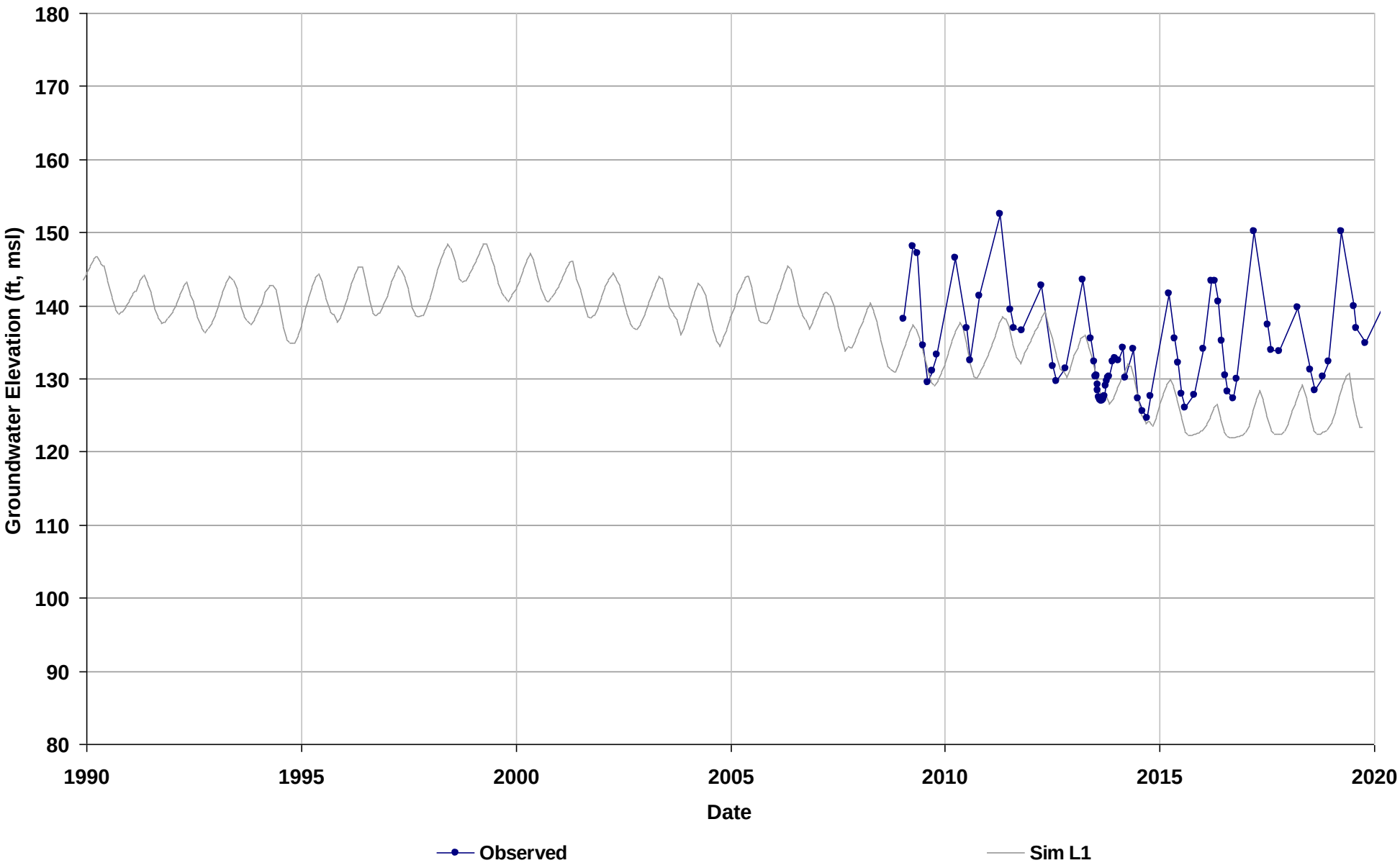
Well Name: 22N02W18C001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 1062
Perf Top (ft): 841
Perf Bottom (ft): 1029
Top Model Layer: 8
Bottom Model Layer: 8



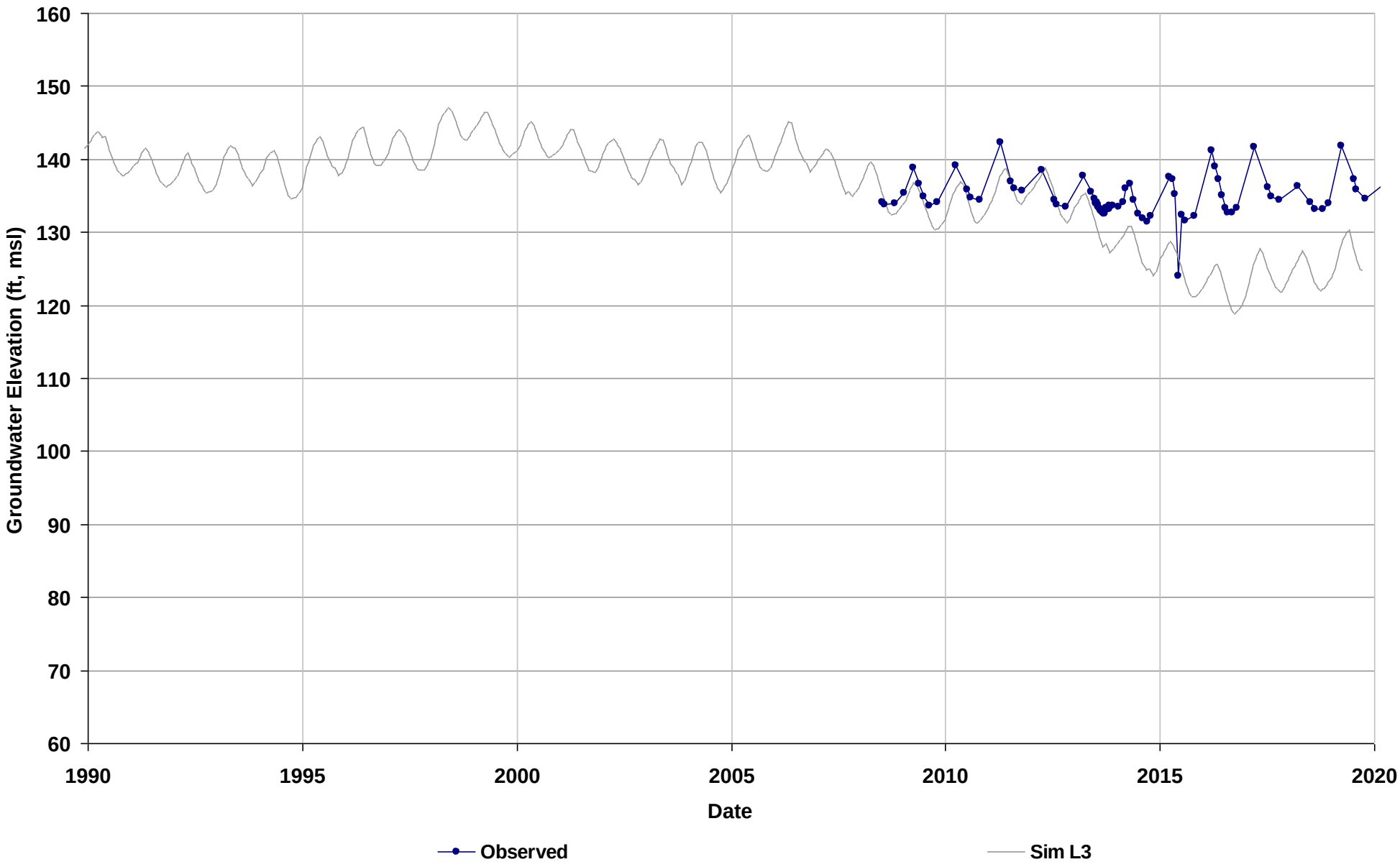
Well Name: 23N01W28M005M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 159

Total Depth (ft): 72
Perf Top (ft): 30
Perf Bottom (ft): 50
Top Model Layer: 1
Bottom Model Layer: 1



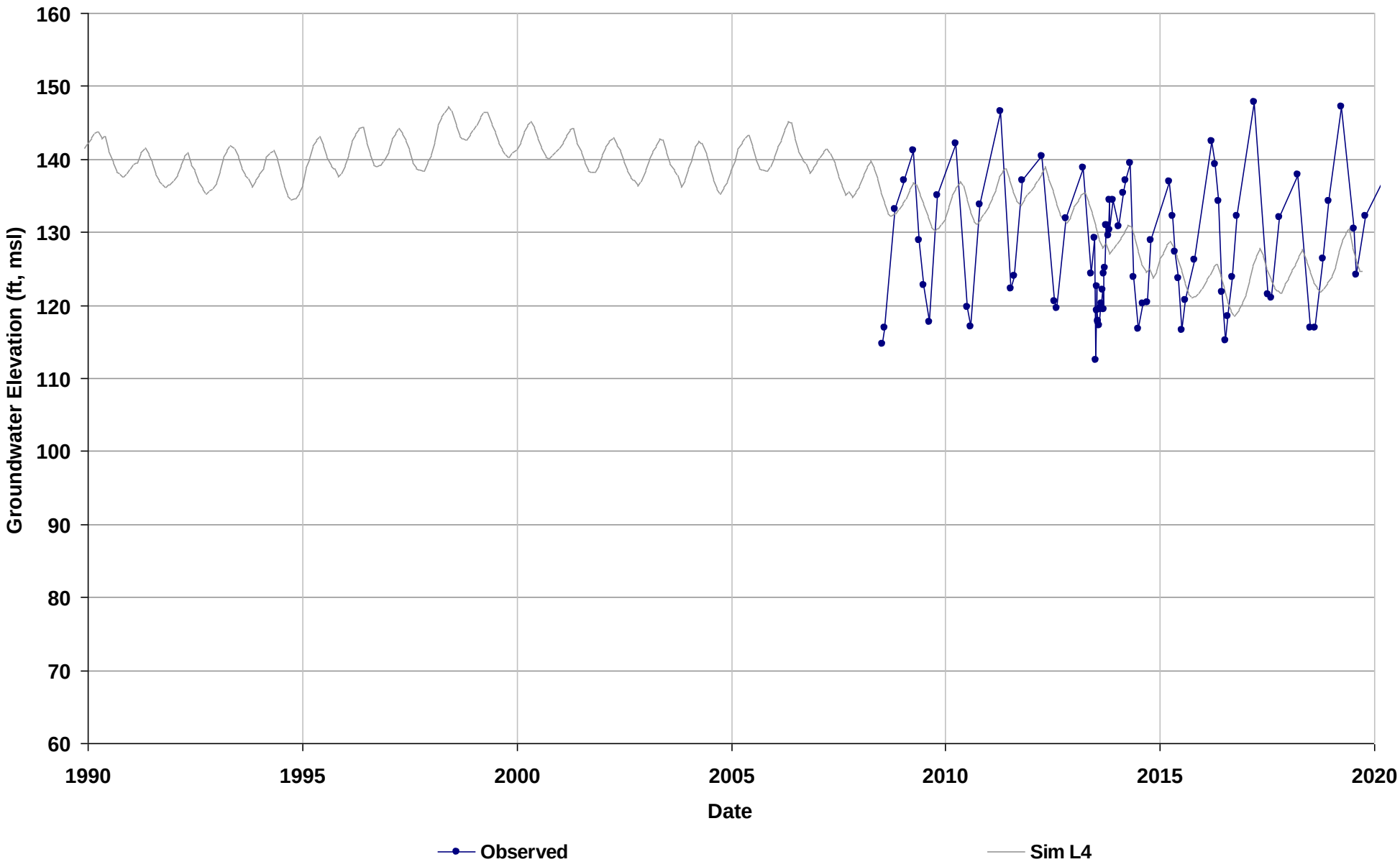
Well Name: 23N01W31M004M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

Total Depth (ft): 106
Perf Top (ft): 65.5
Perf Bottom (ft): 75.5
Top Model Layer: 3
Bottom Model Layer: 3



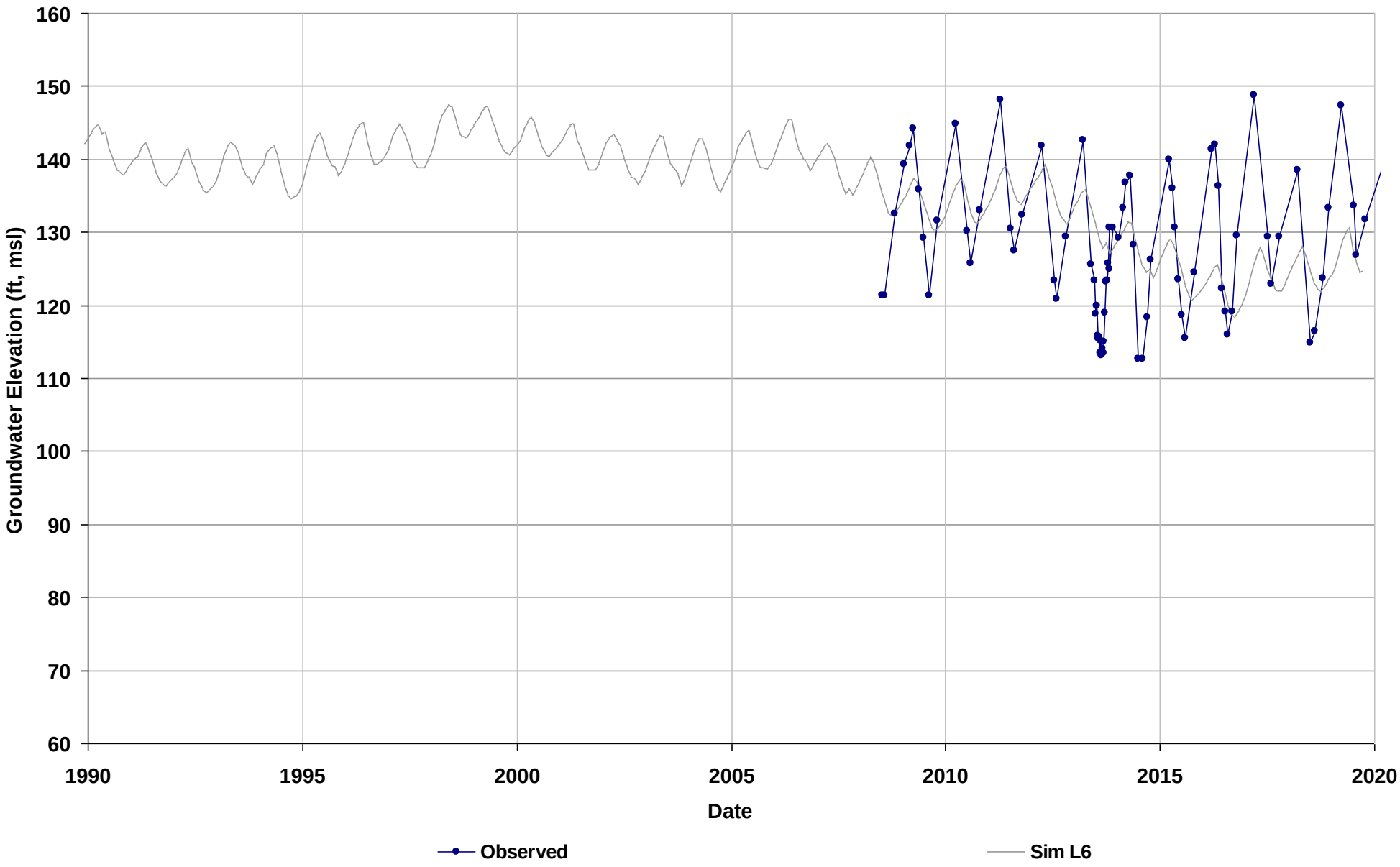
Well Name: 23N01W31M003M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

Total Depth (ft): 245
Perf Top (ft): 140
Perf Bottom (ft): 201
Top Model Layer: 4
Bottom Model Layer: 4



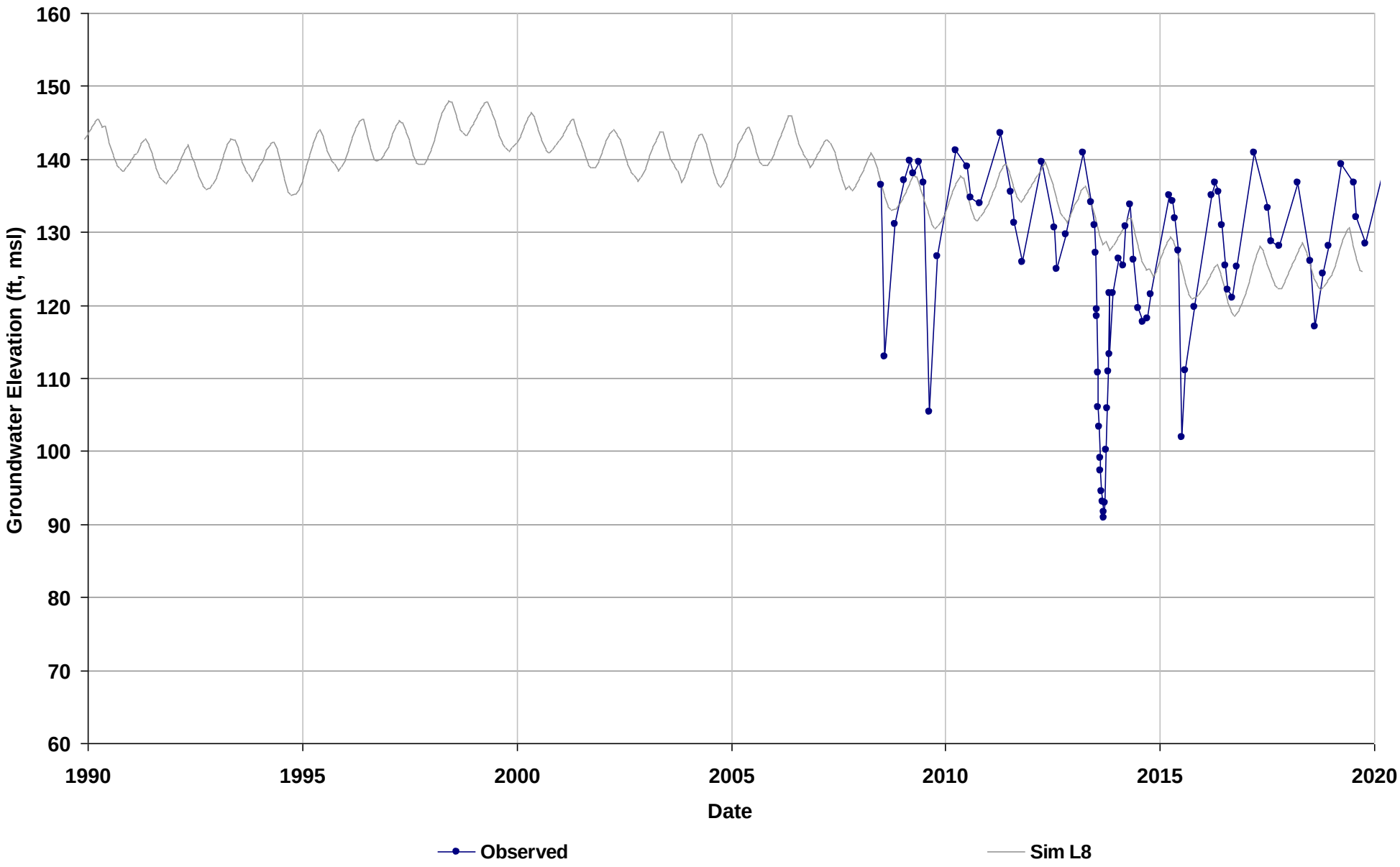
Well Name: 23N01W31M002M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

Total Depth (ft): 616
Perf Top (ft): 545
Perf Bottom (ft): 600
Top Model Layer: 6
Bottom Model Layer: 6



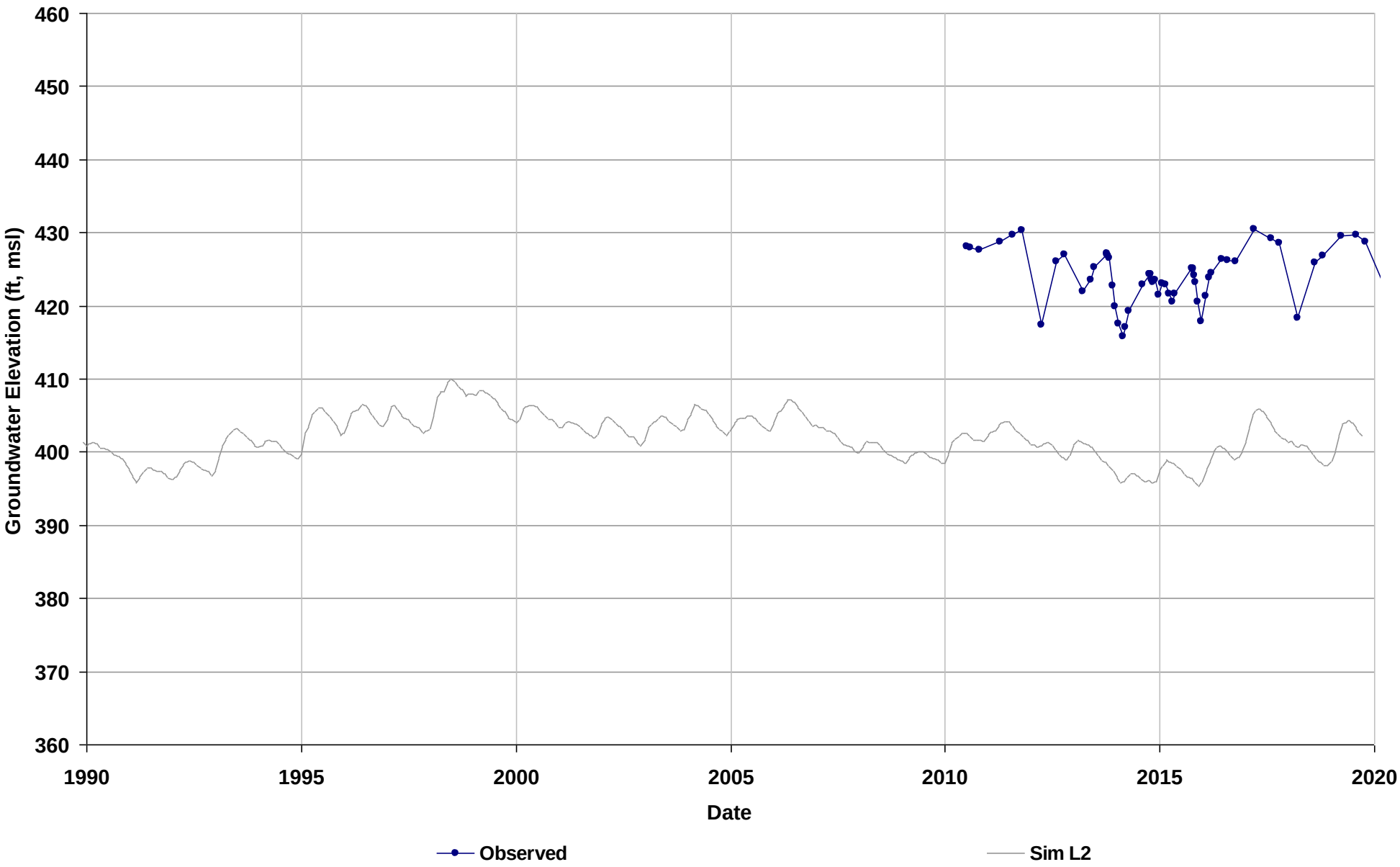
Well Name: 23N01W31M001M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

Total Depth (ft): 1200
Perf Top (ft): 969
Perf Bottom (ft): 1030
Top Model Layer: 8
Bottom Model Layer: 8



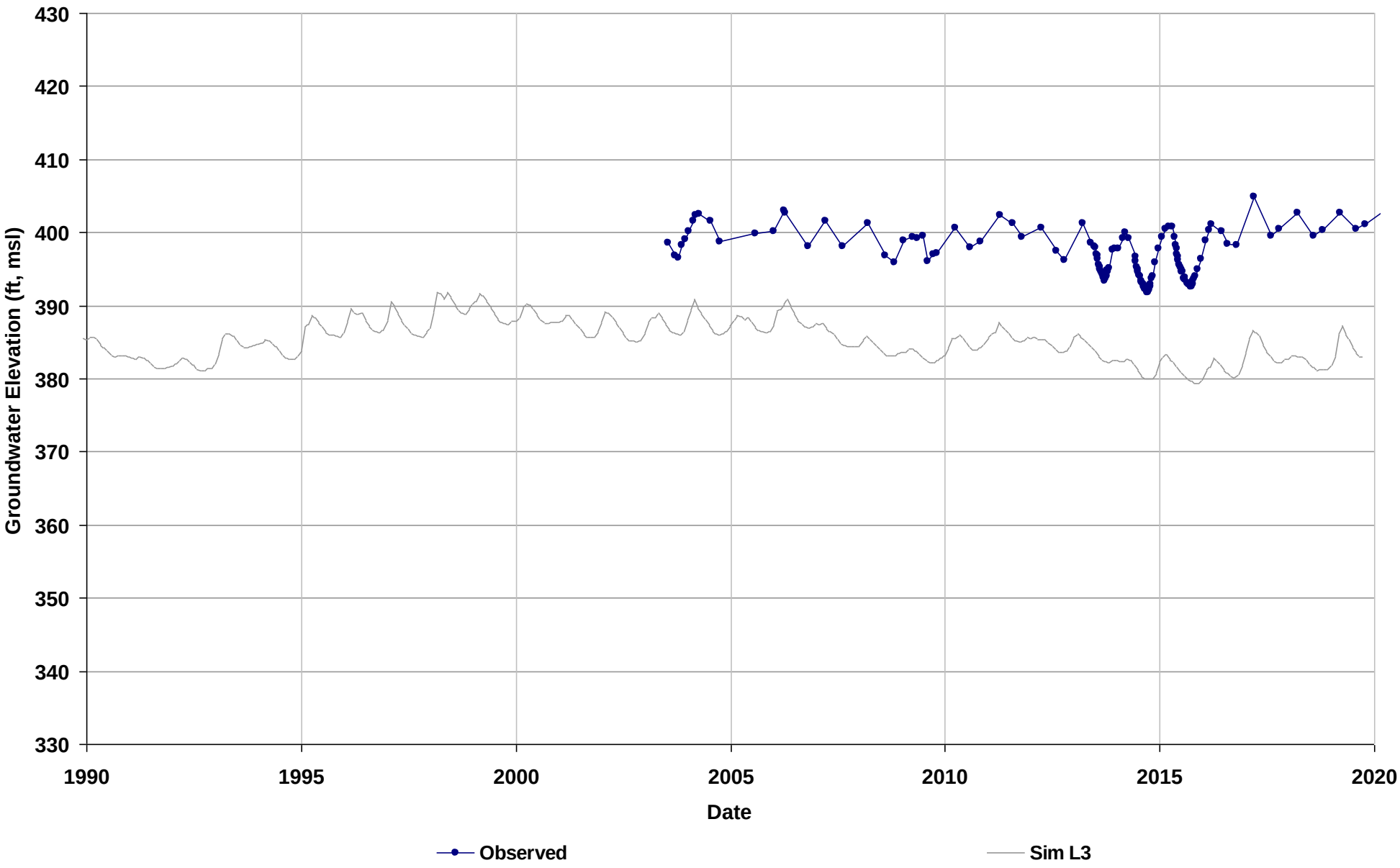
Well Name: 29N04W03R006M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 76
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



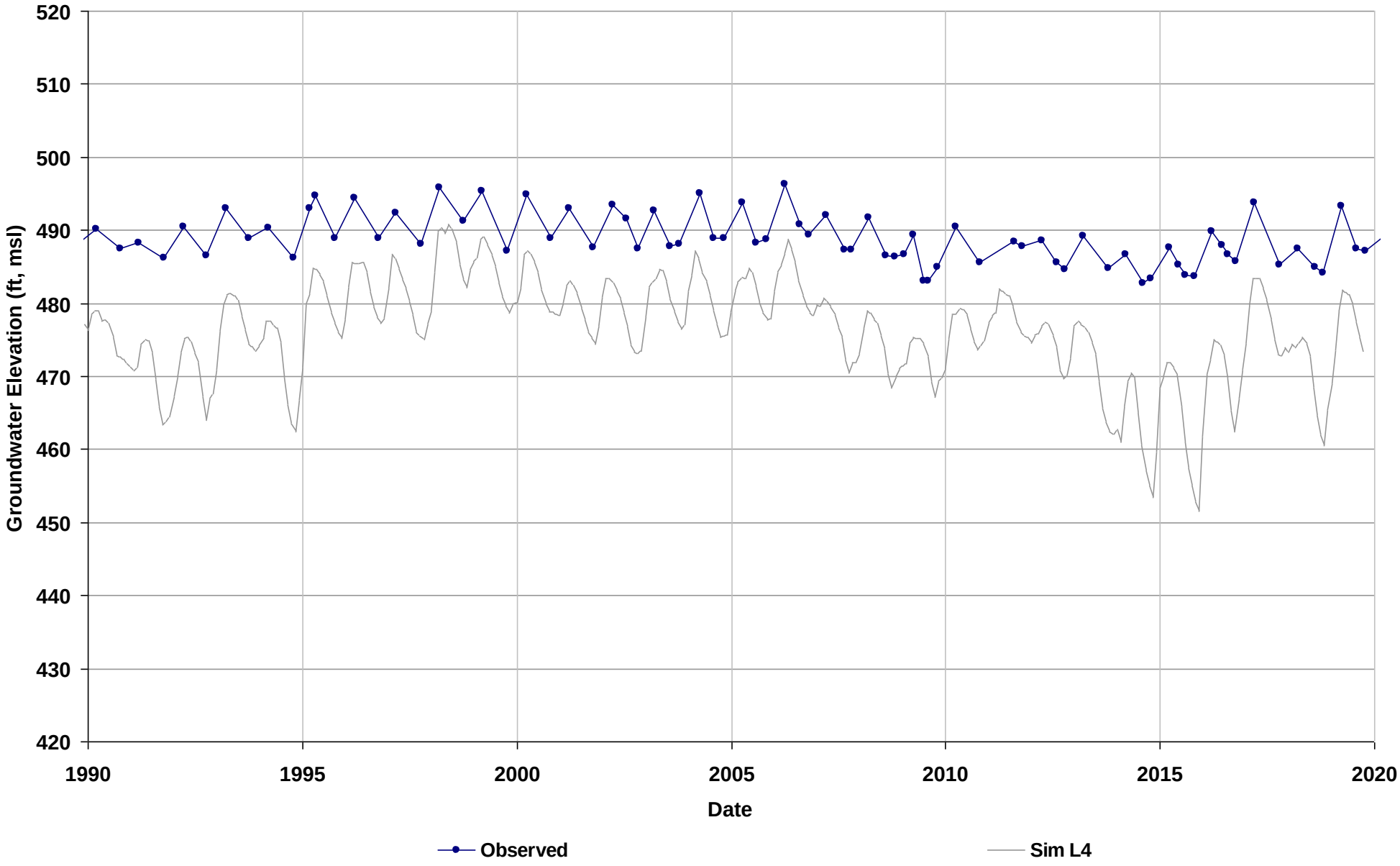
Well Name: 30N04W22F002M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

Total Depth (ft): 113
Perf Top (ft): 70
Perf Bottom (ft): 113
Top Model Layer: 3
Bottom Model Layer: 3



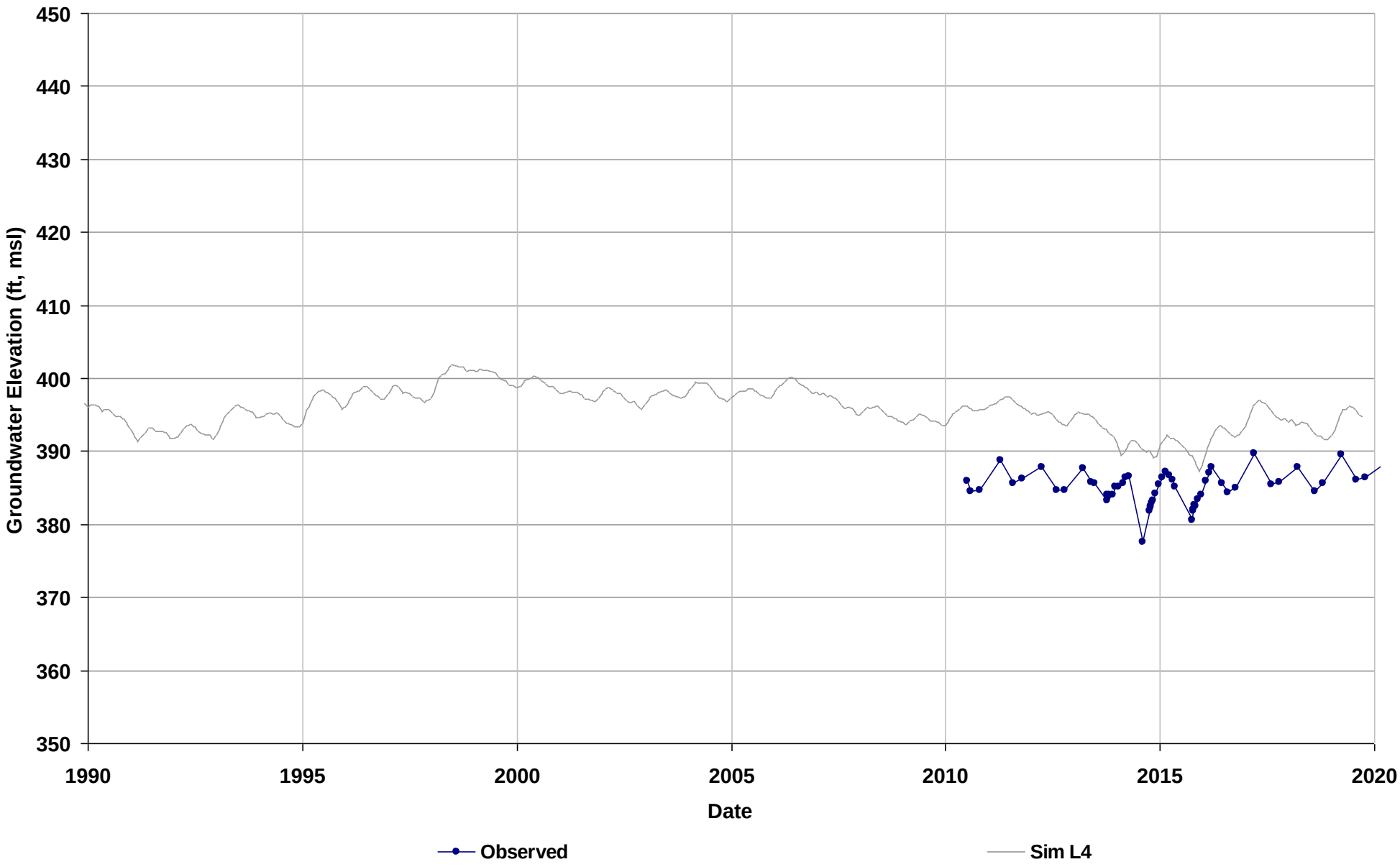
Well Name: 29N05W09L001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 517

Total Depth (ft):
Perf Top (ft): 100
Perf Bottom (ft): 140
Top Model Layer: 4
Bottom Model Layer: 4



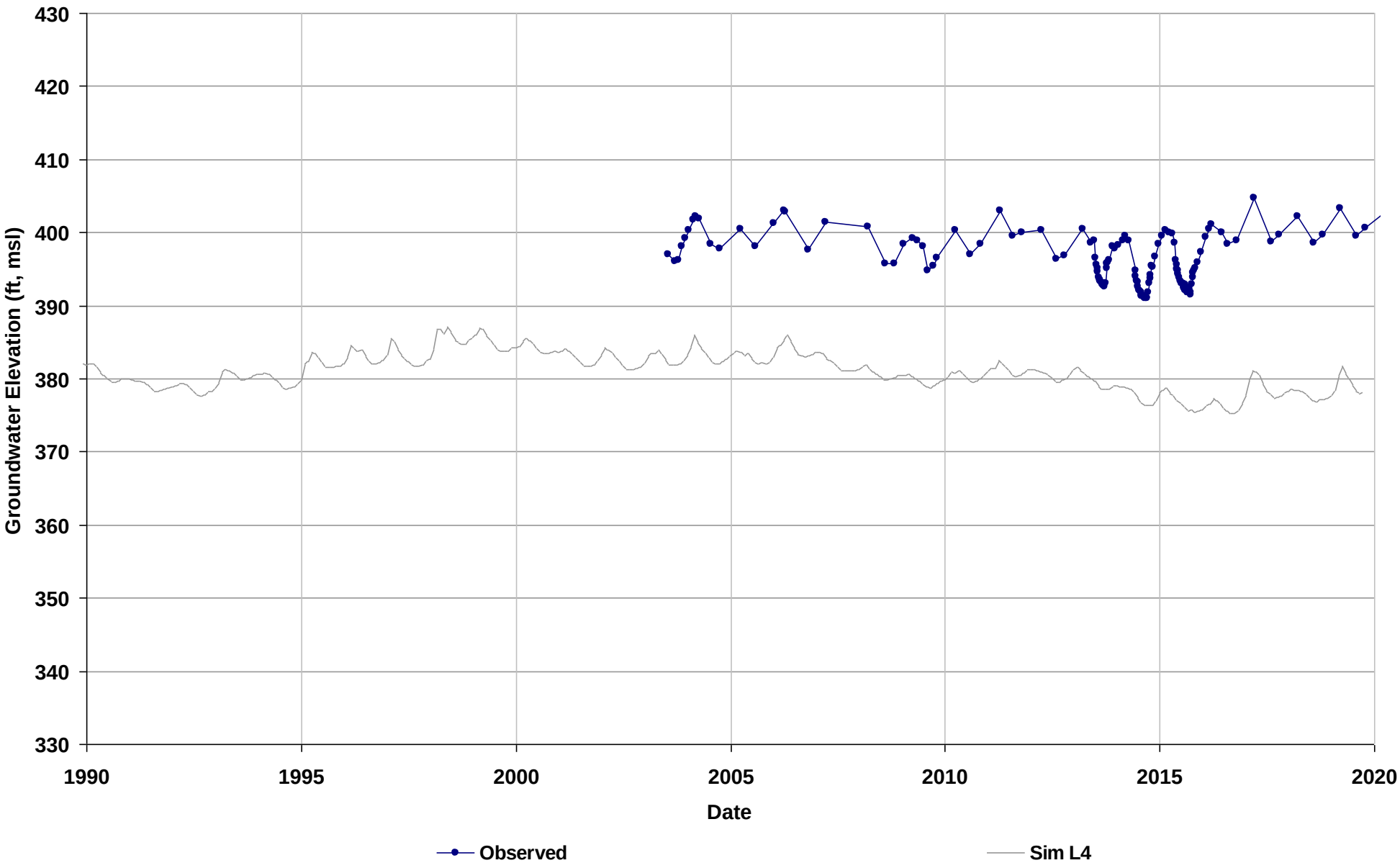
Well Name: 29N04W03R005M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 254
Perf Top (ft): 128
Perf Bottom (ft): 188
Top Model Layer: 4
Bottom Model Layer: 4



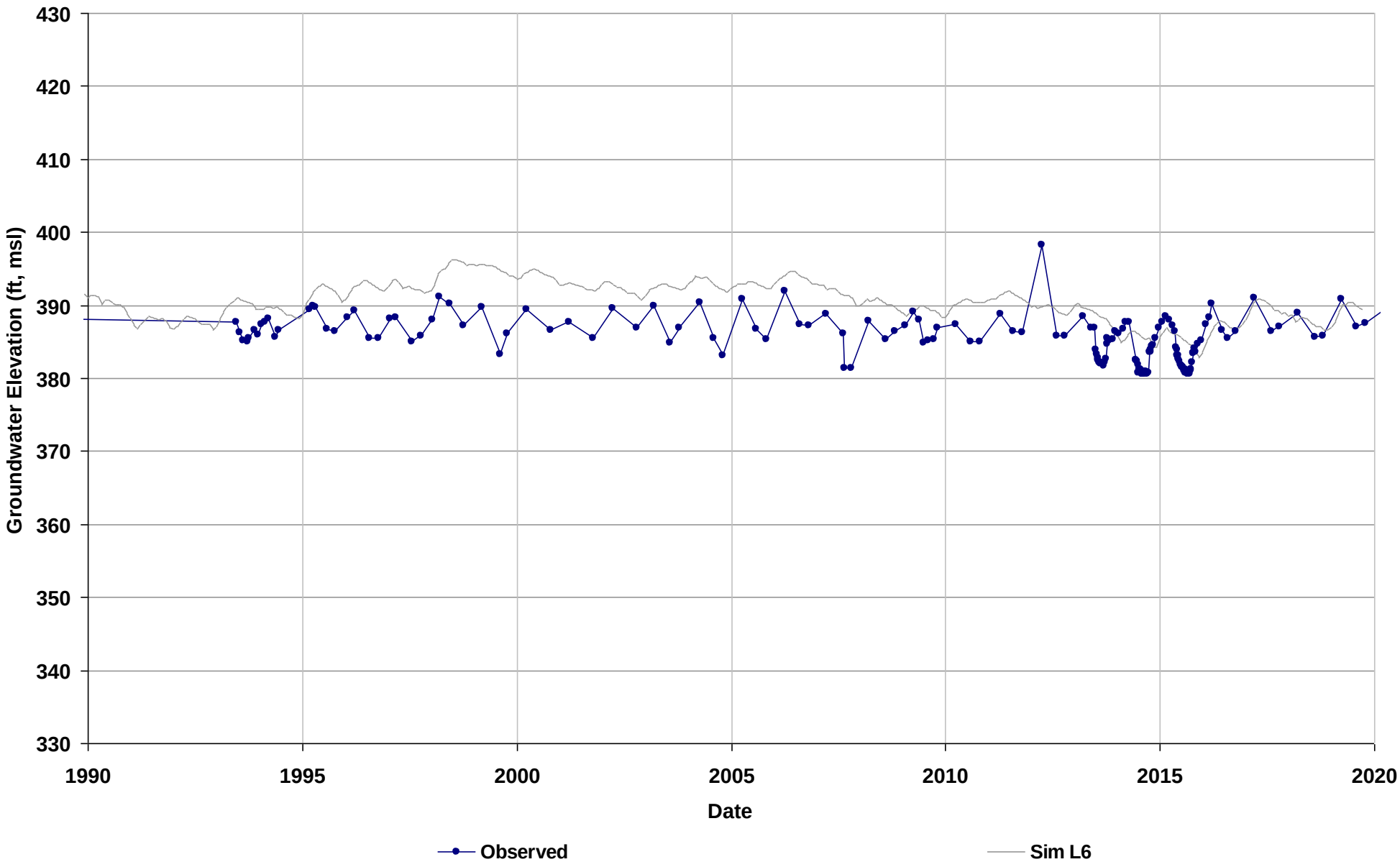
Well Name: 30N04W22F003M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

Total Depth (ft): 202
Perf Top (ft): 170
Perf Bottom (ft): 202
Top Model Layer: 4
Bottom Model Layer: 4



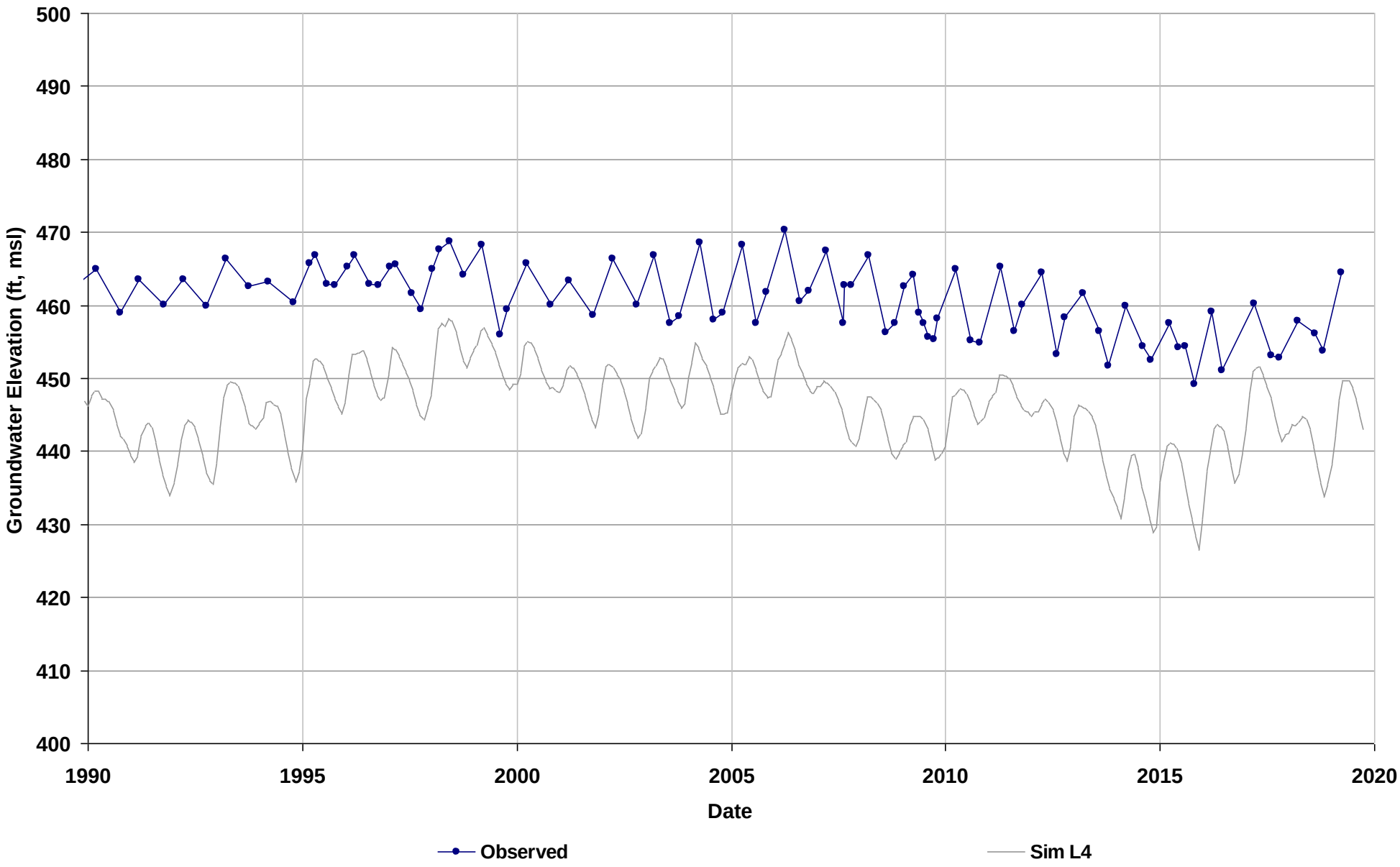
Well Name: 29N04W02P001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

Total Depth (ft):
Perf Top (ft): 165
Perf Bottom (ft): 425
Top Model Layer: 6
Bottom Model Layer: 6



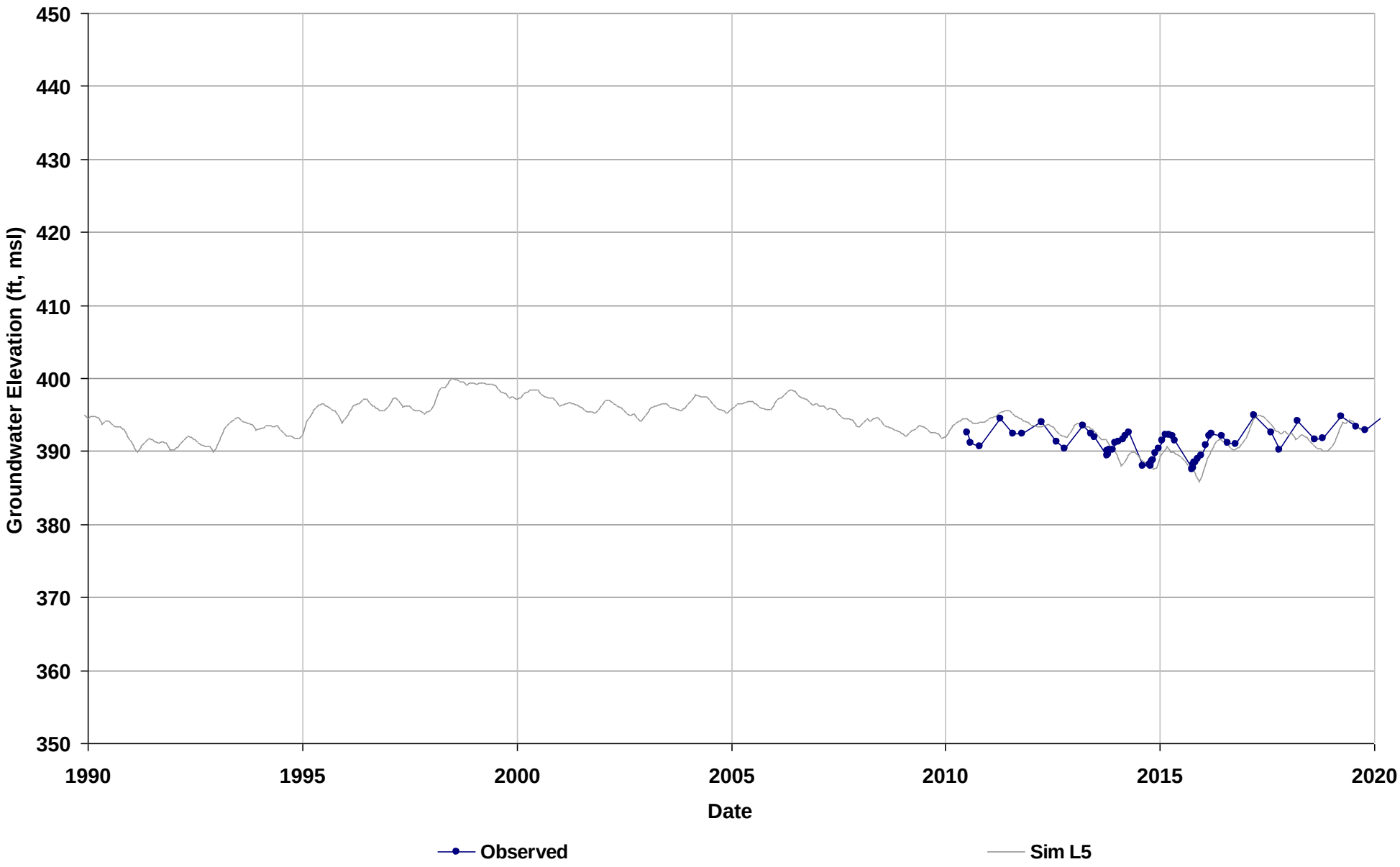
Well Name: 29N05W11A002M
Depth Zone: Composite
Subbasin: Anderson
GSE (ft, msl): 514

Total Depth (ft):
Perf Top (ft): 110
Perf Bottom (ft): 356
Top Model Layer: 4
Bottom Model Layer: 4



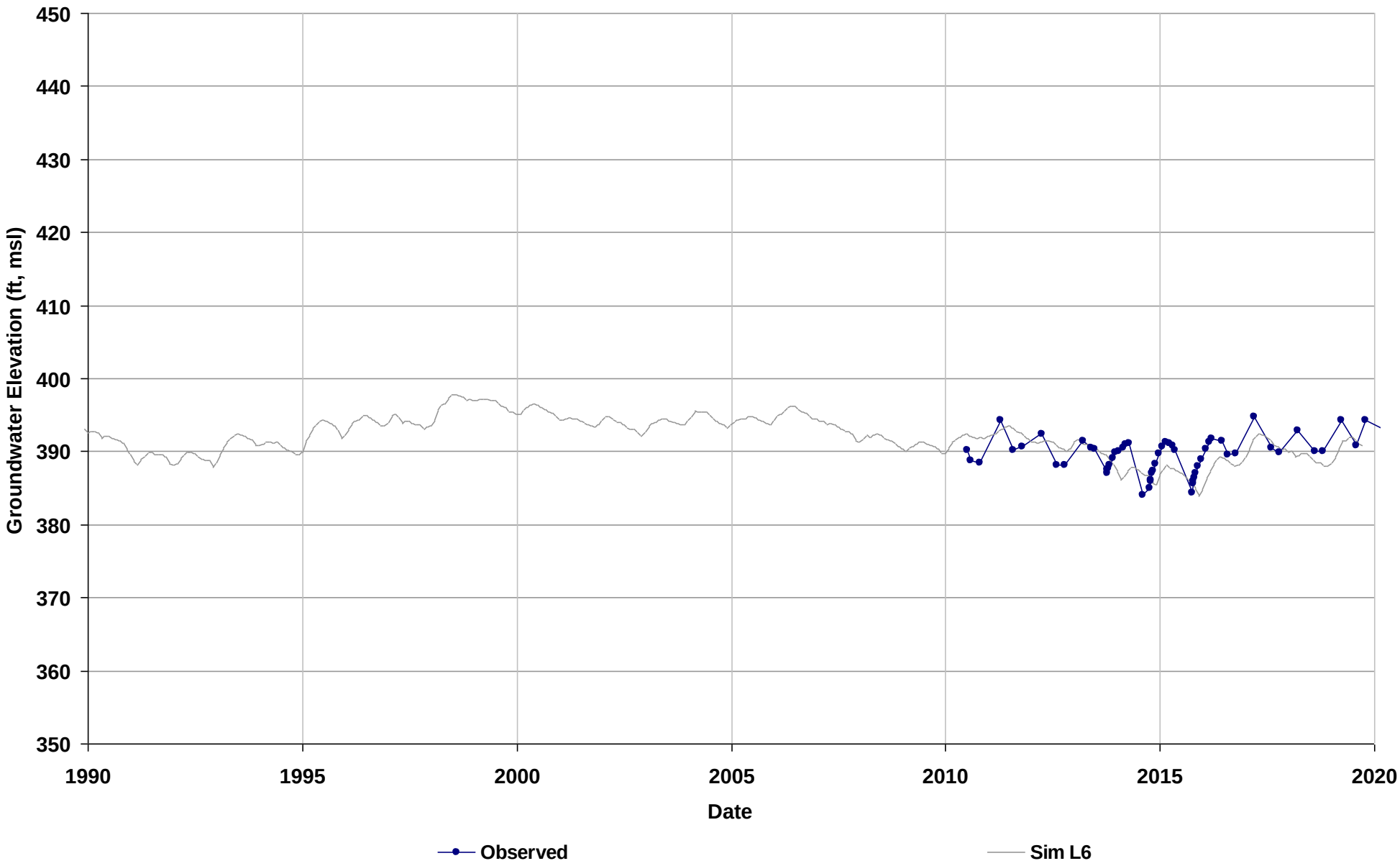
Well Name: 29N04W03R004M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 438
Perf Top (ft): 380
Perf Bottom (ft): 390
Top Model Layer: 5
Bottom Model Layer: 5



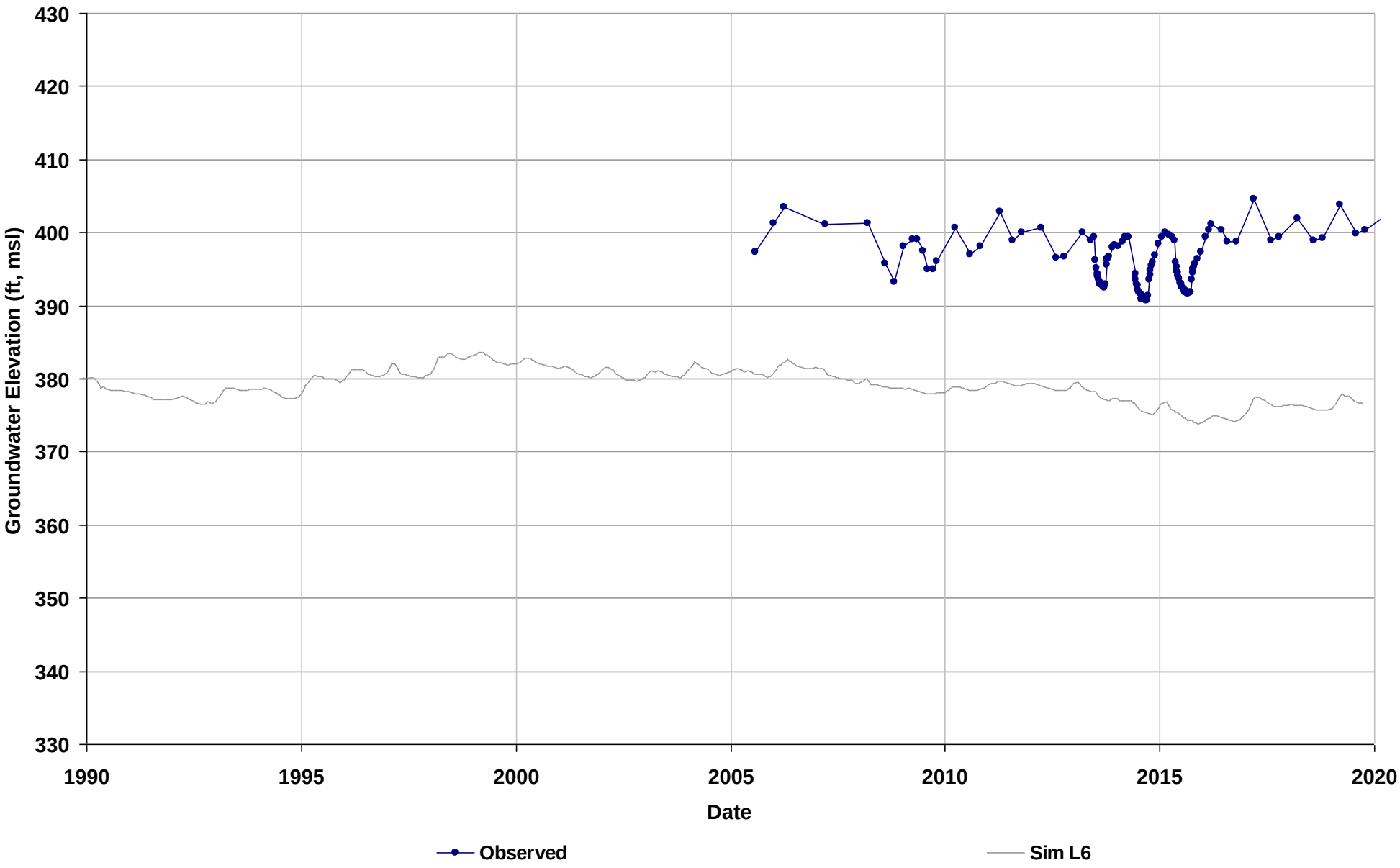
Well Name: 29N04W03R003M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 696
Perf Top (ft): 515
Perf Bottom (ft): 660
Top Model Layer: 6
Bottom Model Layer: 6



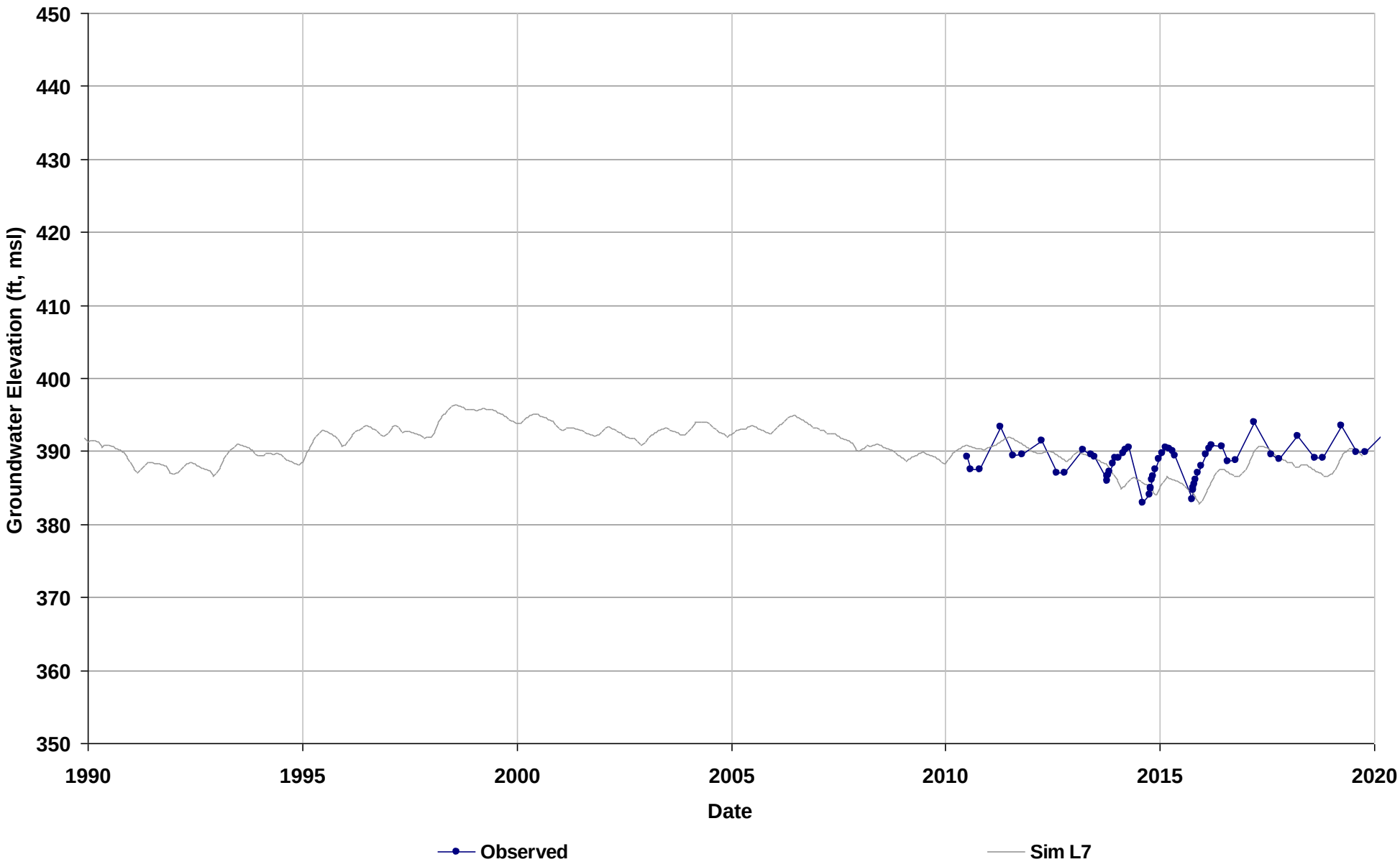
Well Name: 30N04W22F004M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 447

Total Depth (ft): 540
Perf Top (ft): 480
Perf Bottom (ft): 540
Top Model Layer: 6
Bottom Model Layer: 6



Well Name: 29N04W03R002M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 917
Perf Top (ft): 740
Perf Bottom (ft): 880
Top Model Layer: 7
Bottom Model Layer: 7



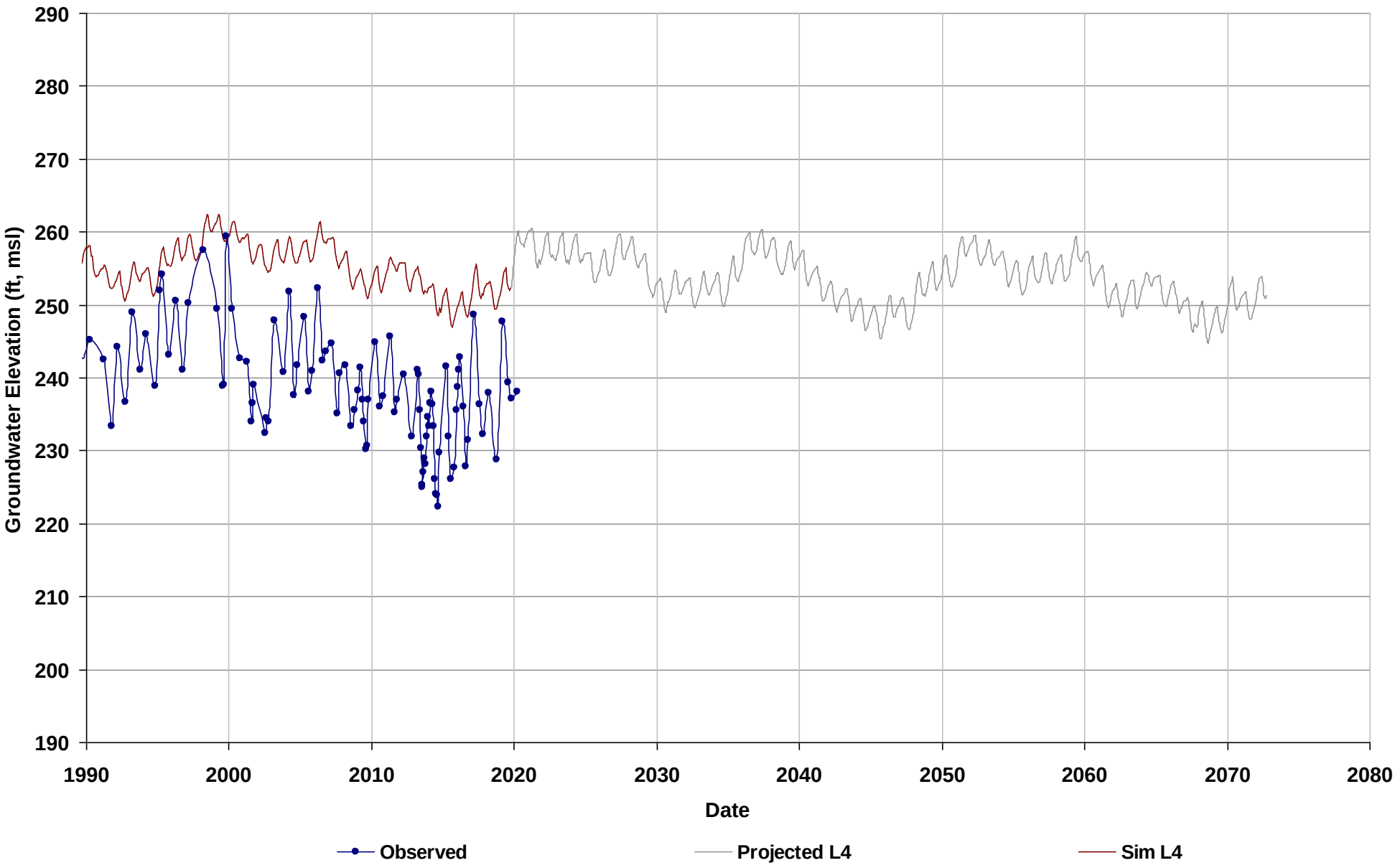
APPENDIX E-2

Tehama IHM Simulated Groundwater Levels:

Projected (Current Land Use) Model Results

Well Name: 27N03W23D001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 271

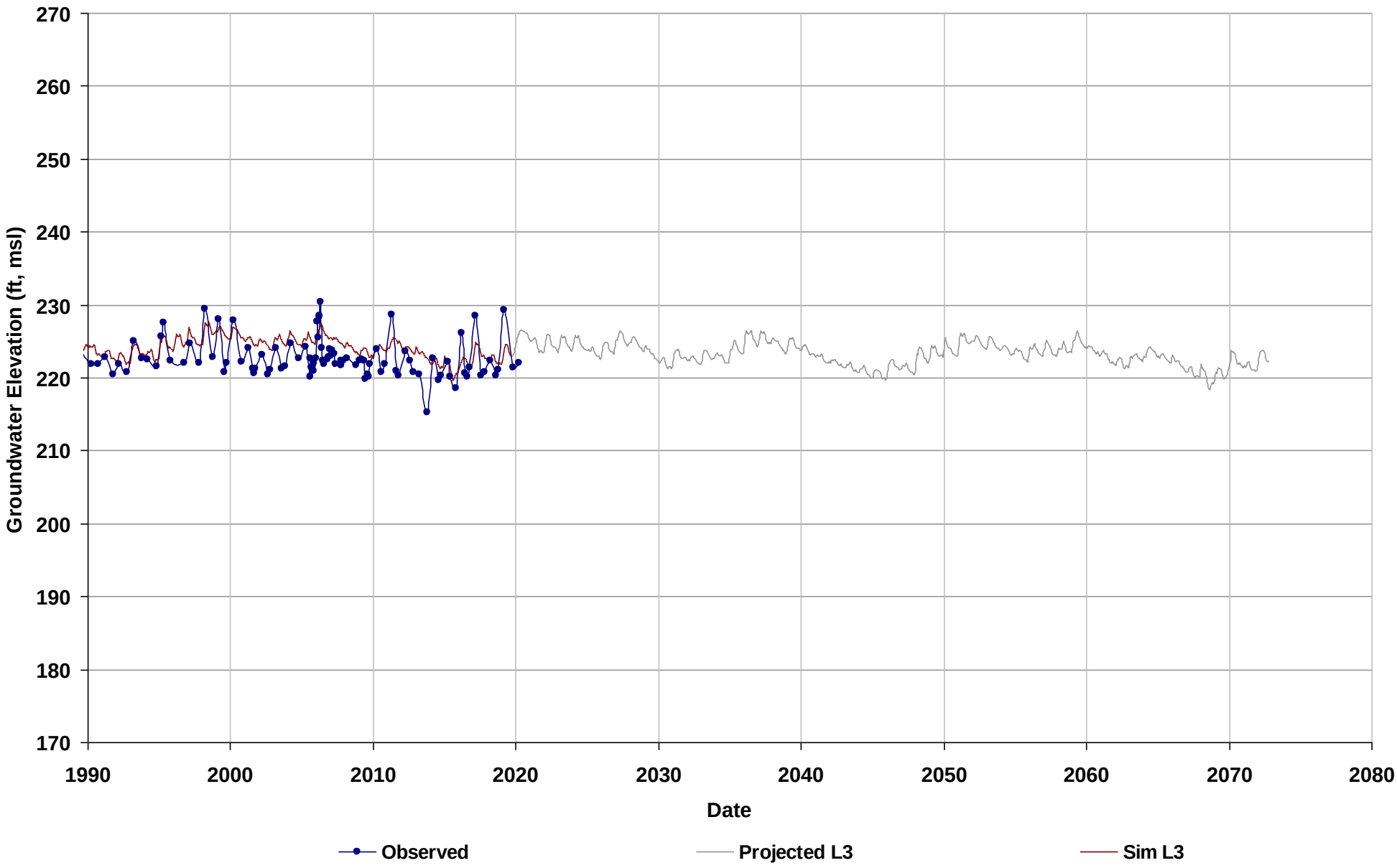
Total Depth (ft): 250
Perf Top (ft): 30
Perf Bottom (ft): 155
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

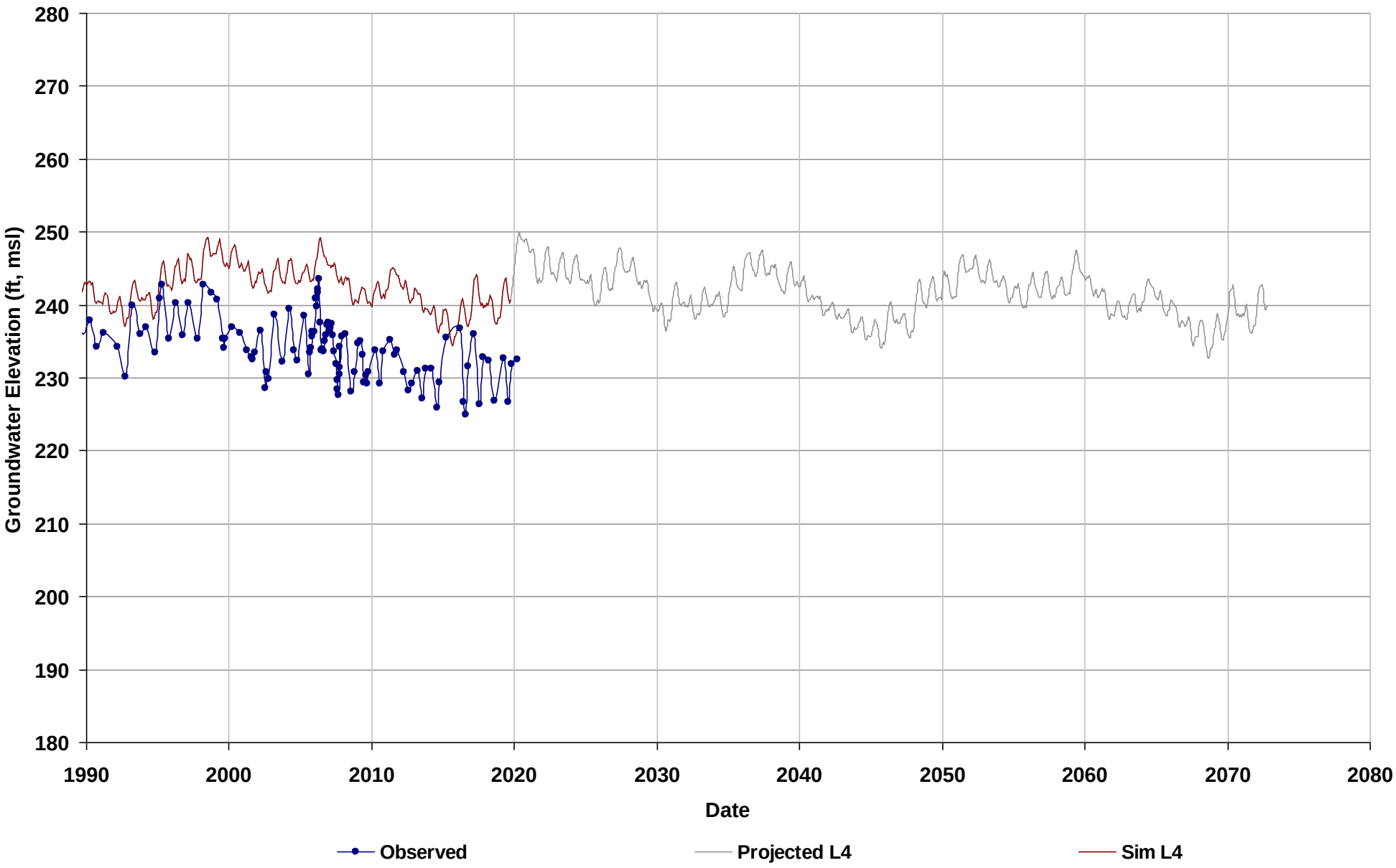
Well Name: 26N02W17E001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 240

Total Depth (ft): 145
Perf Top (ft): 55
Perf Bottom (ft): 145
Top Model Layer: 3
Bottom Model Layer: 3



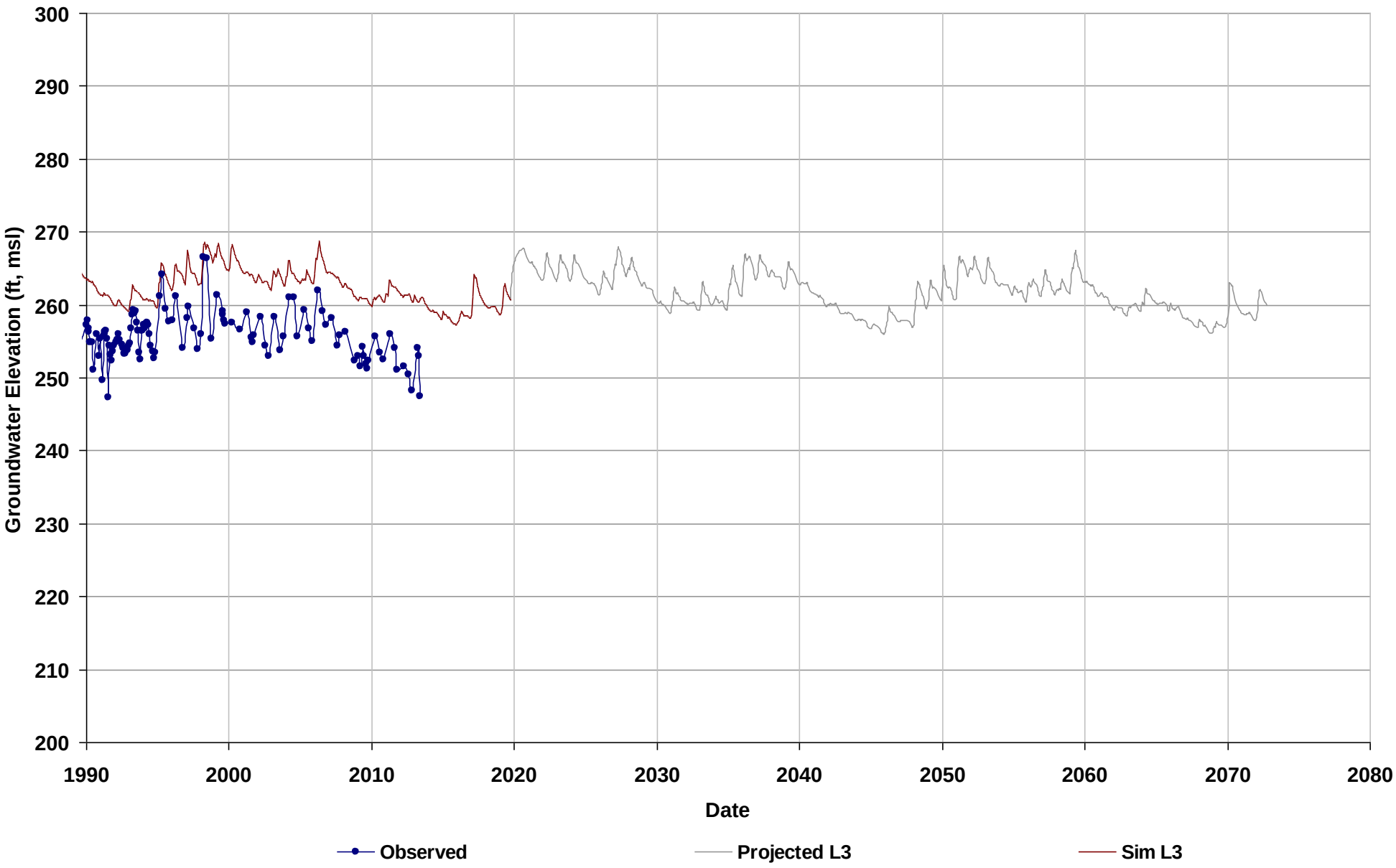
Well Name: 27N02W31C001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 263

Total Depth (ft): 540
Perf Top (ft): 40
Perf Bottom (ft): 289
Top Model Layer: 4
Bottom Model Layer: 4



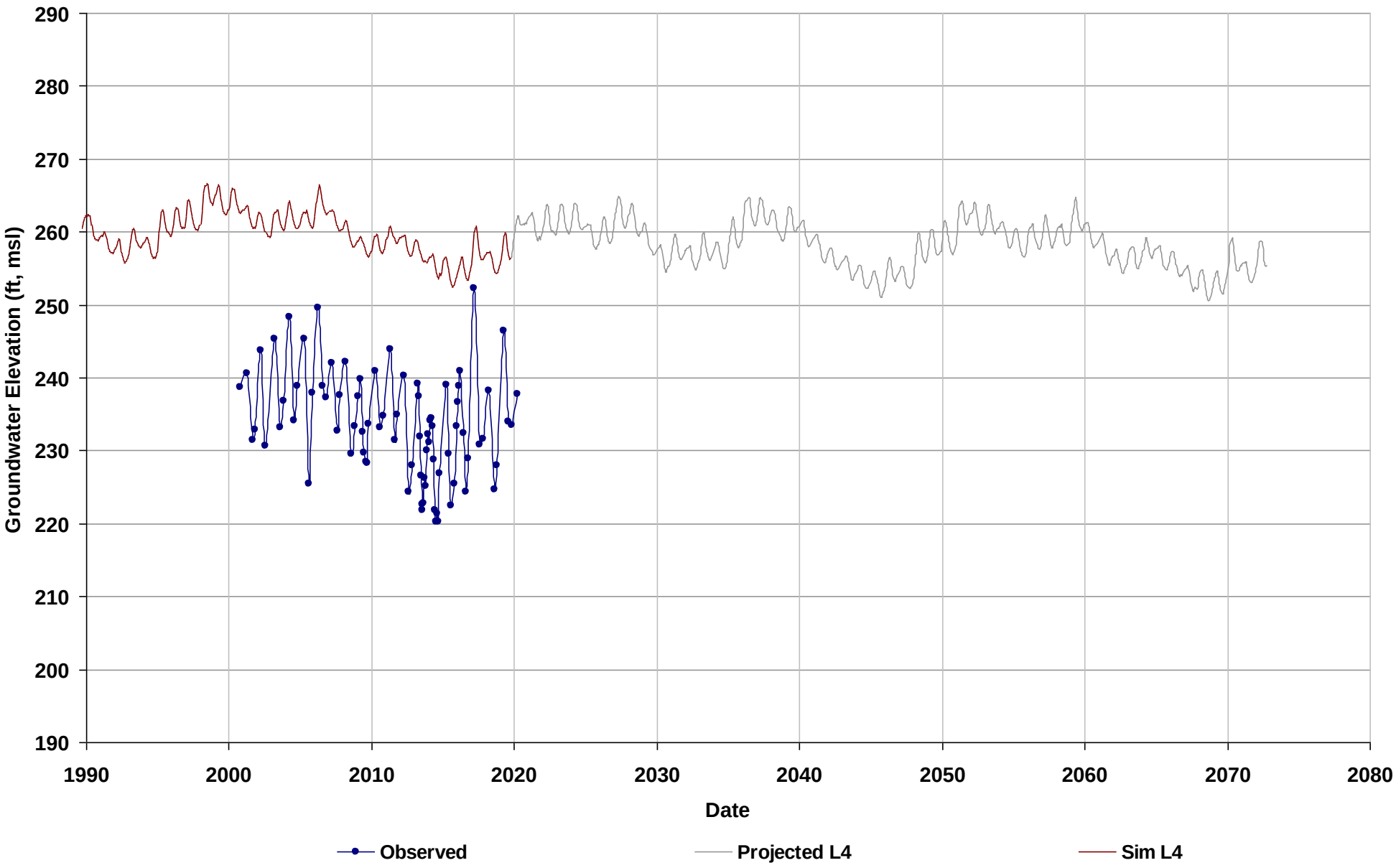
Well Name: 27N03W10B001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 312

Total Depth (ft): 92
Perf Top (ft): 80
Perf Bottom (ft): 92
Top Model Layer: 3
Bottom Model Layer: 3



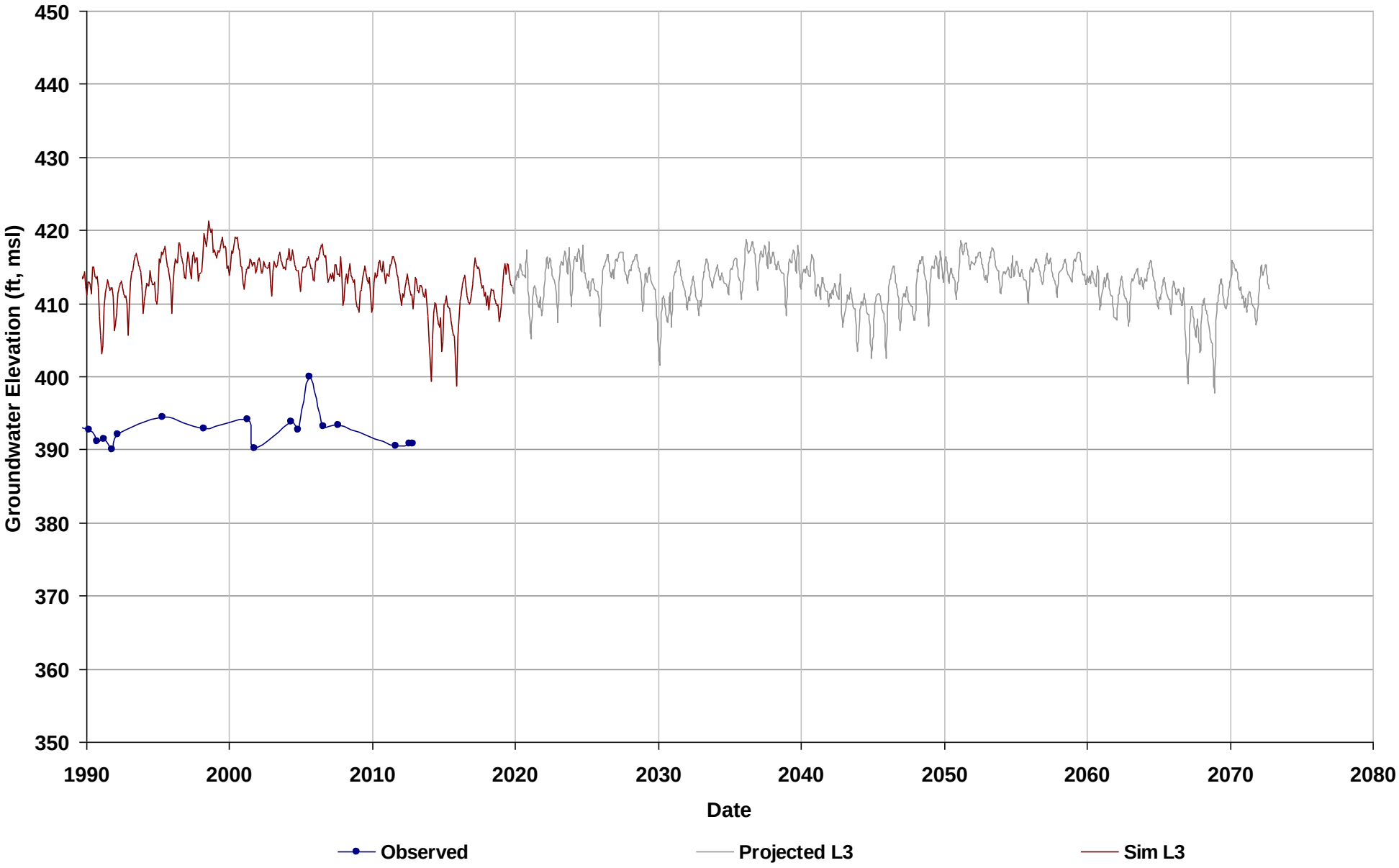
Well Name: 27N03W16K003M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 273

Total Depth (ft): 137
Perf Top (ft): 117
Perf Bottom (ft): 137
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 29N04W15E002M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 427

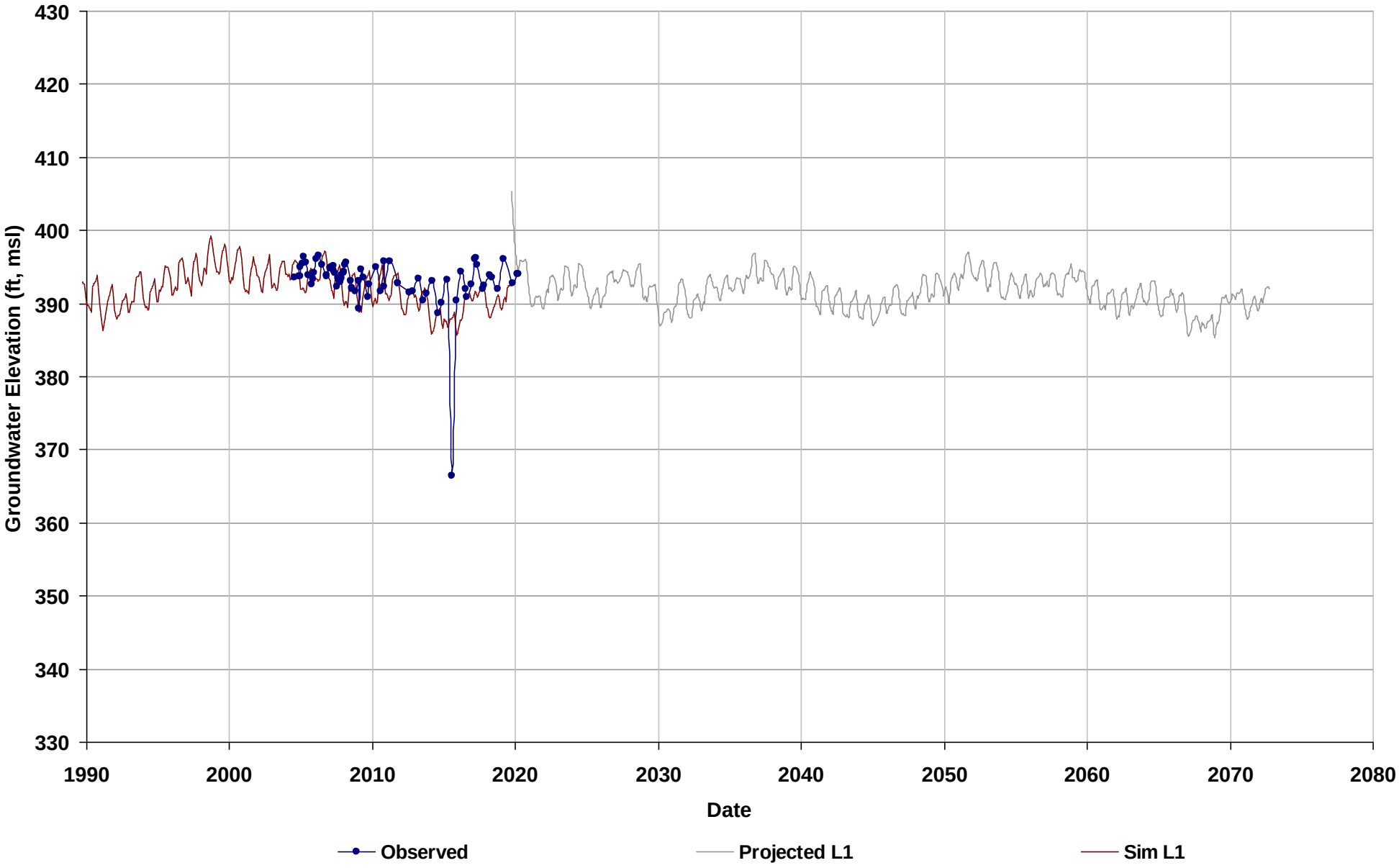
Total Depth (ft): 90
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use)

Well Name: 29N03W18M001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 418

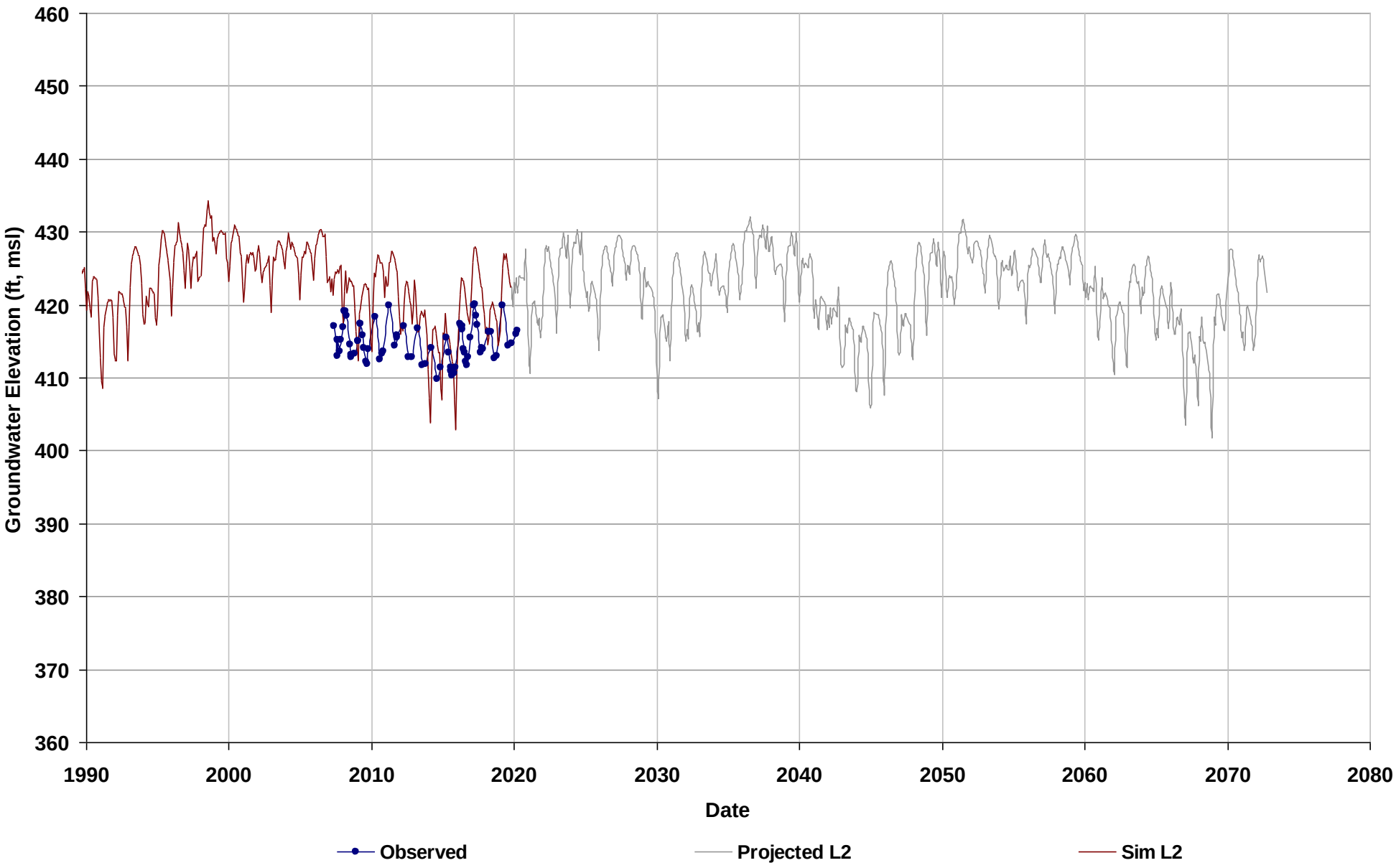
Total Depth (ft): 234
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Current Land Use)

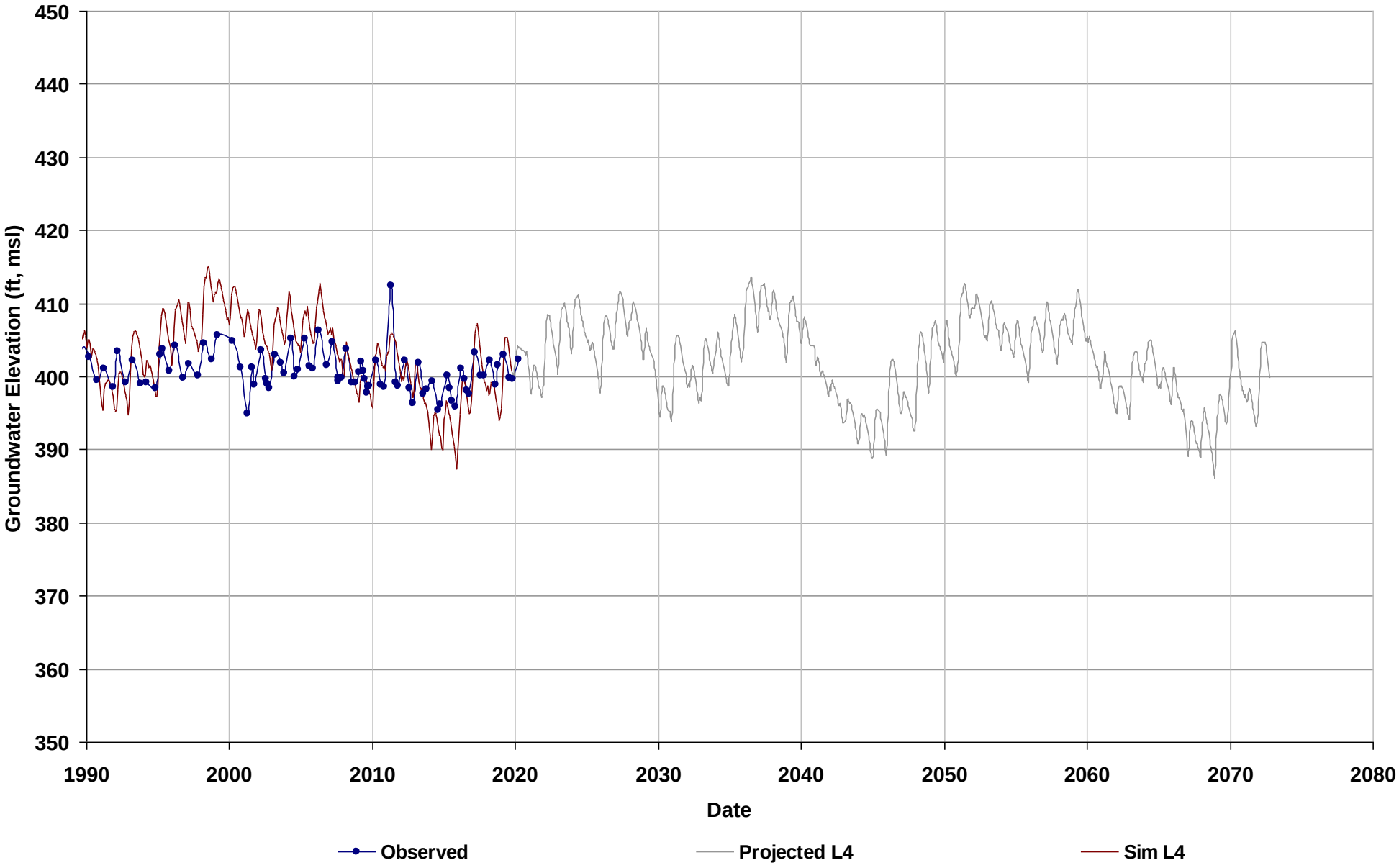
Well Name: 29N04W20A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 76
Perf Top (ft): 50
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Well Name: 29N04W28D001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 502

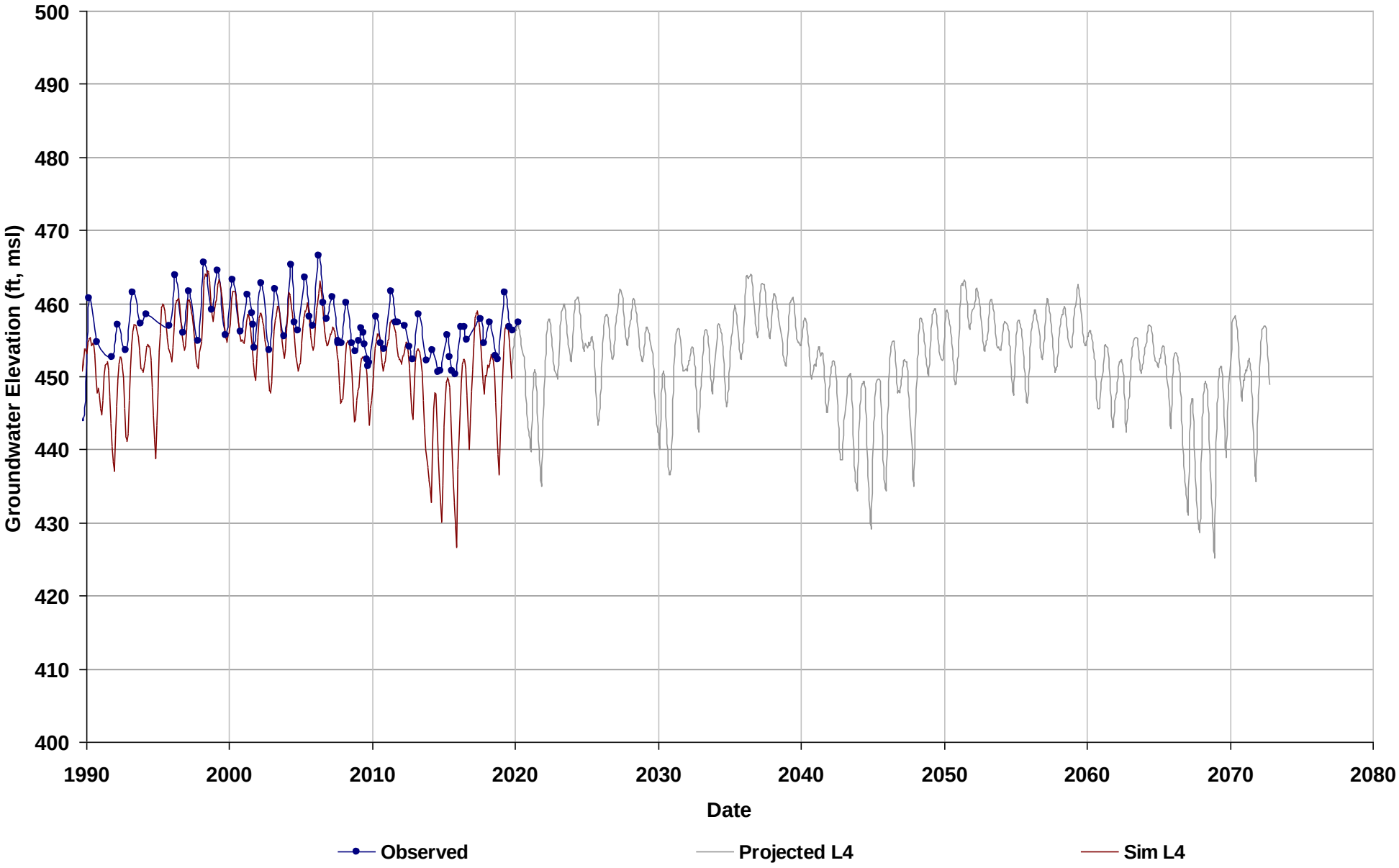
Total Depth (ft): 134
Perf Top (ft): 114
Perf Bottom (ft): 134
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

Well Name: 29N05W14L001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 492

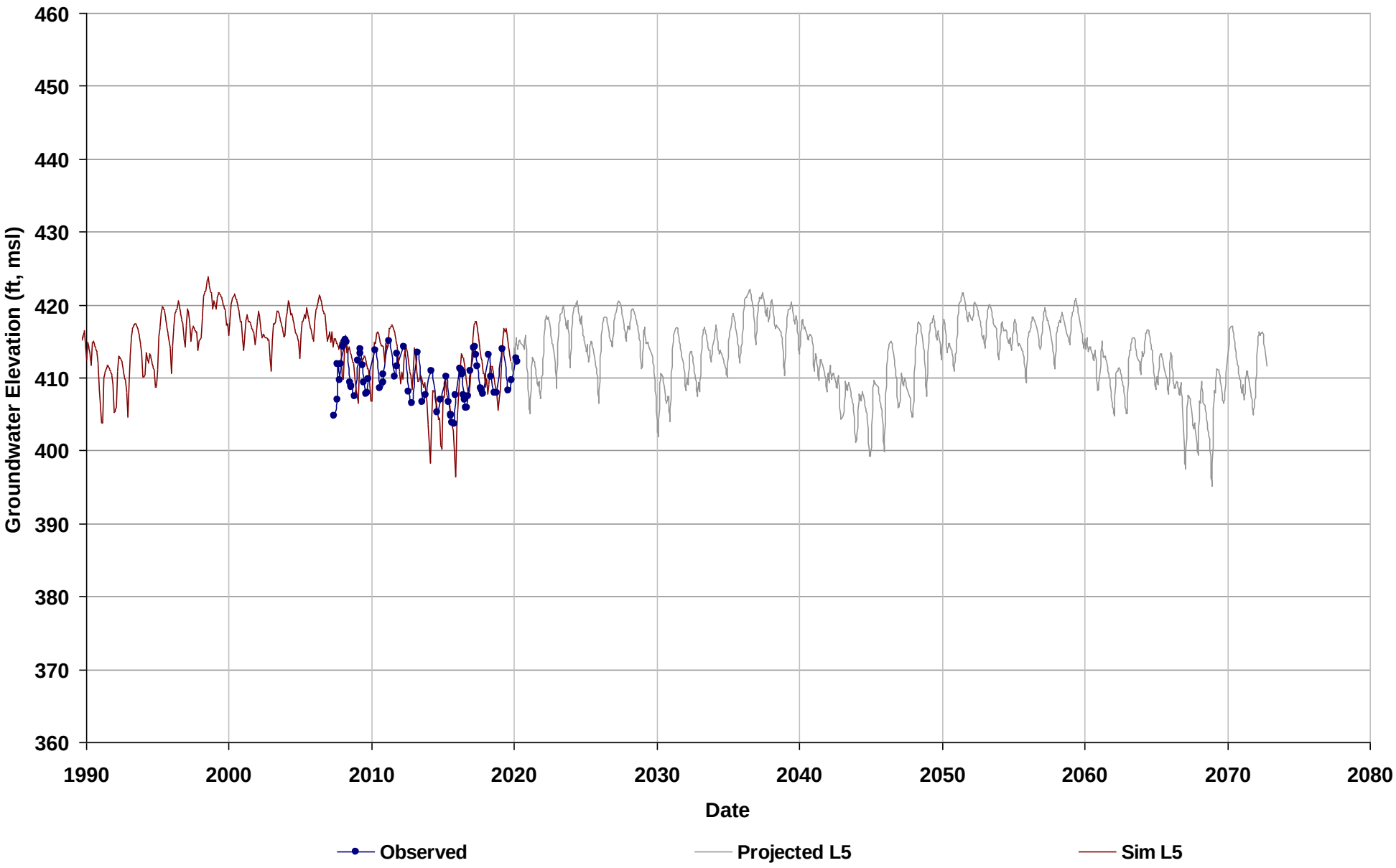
Total Depth (ft): 130
Perf Top (ft): 110
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

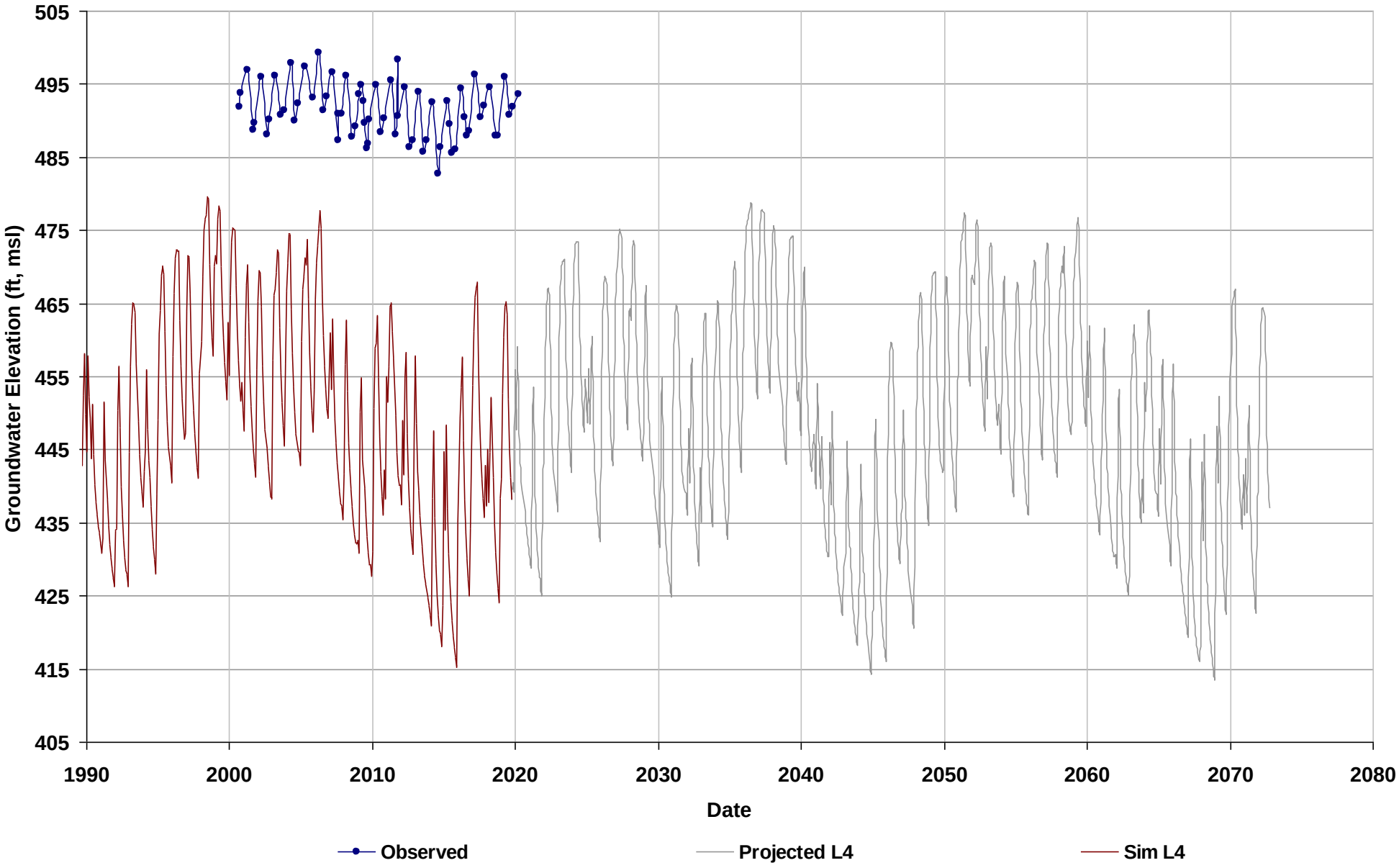
Well Name: 29N04W20A003M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 194
Perf Top (ft): 154
Perf Bottom (ft): 189
Top Model Layer: 5
Bottom Model Layer: 5



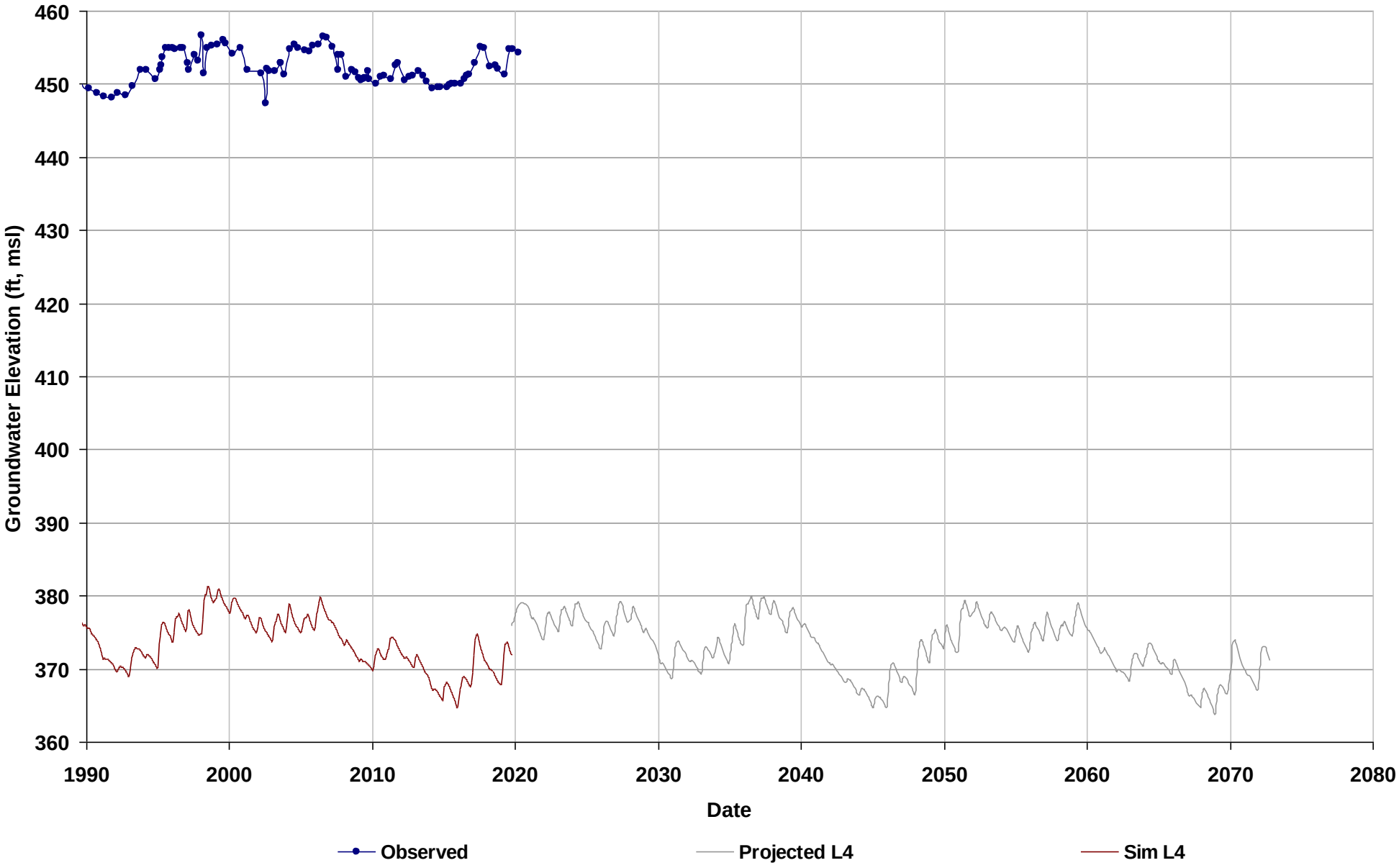
Well Name: 29N05W33A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 534

Total Depth (ft): 210
Perf Top (ft): 110
Perf Bottom (ft): 210
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 29N04W35B001M
Depth Zone: Composite
Subbasin: Bowman
GSE (ft, msl): 537

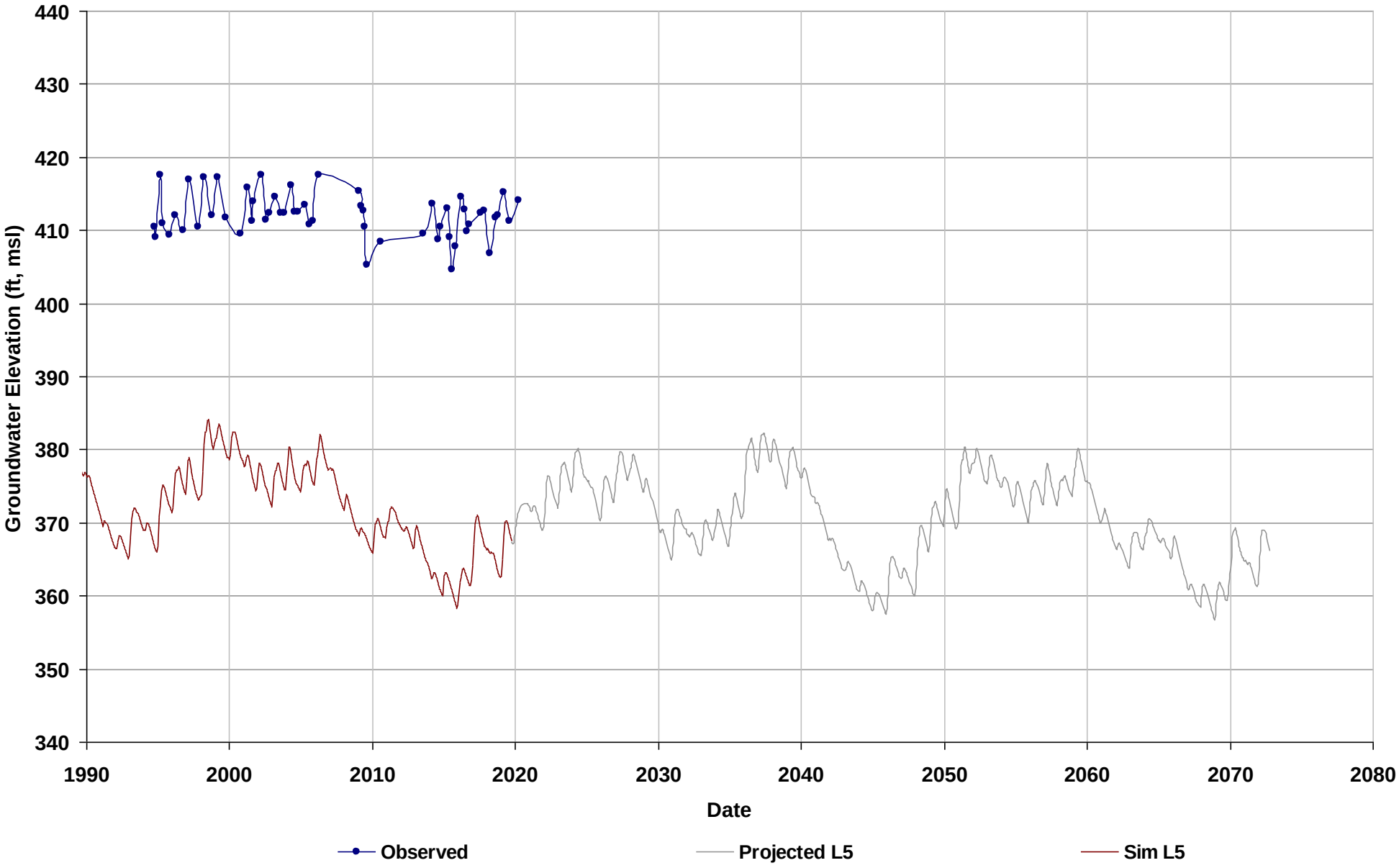
Total Depth (ft): 759
Perf Top (ft): 130
Perf Bottom (ft): 759
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

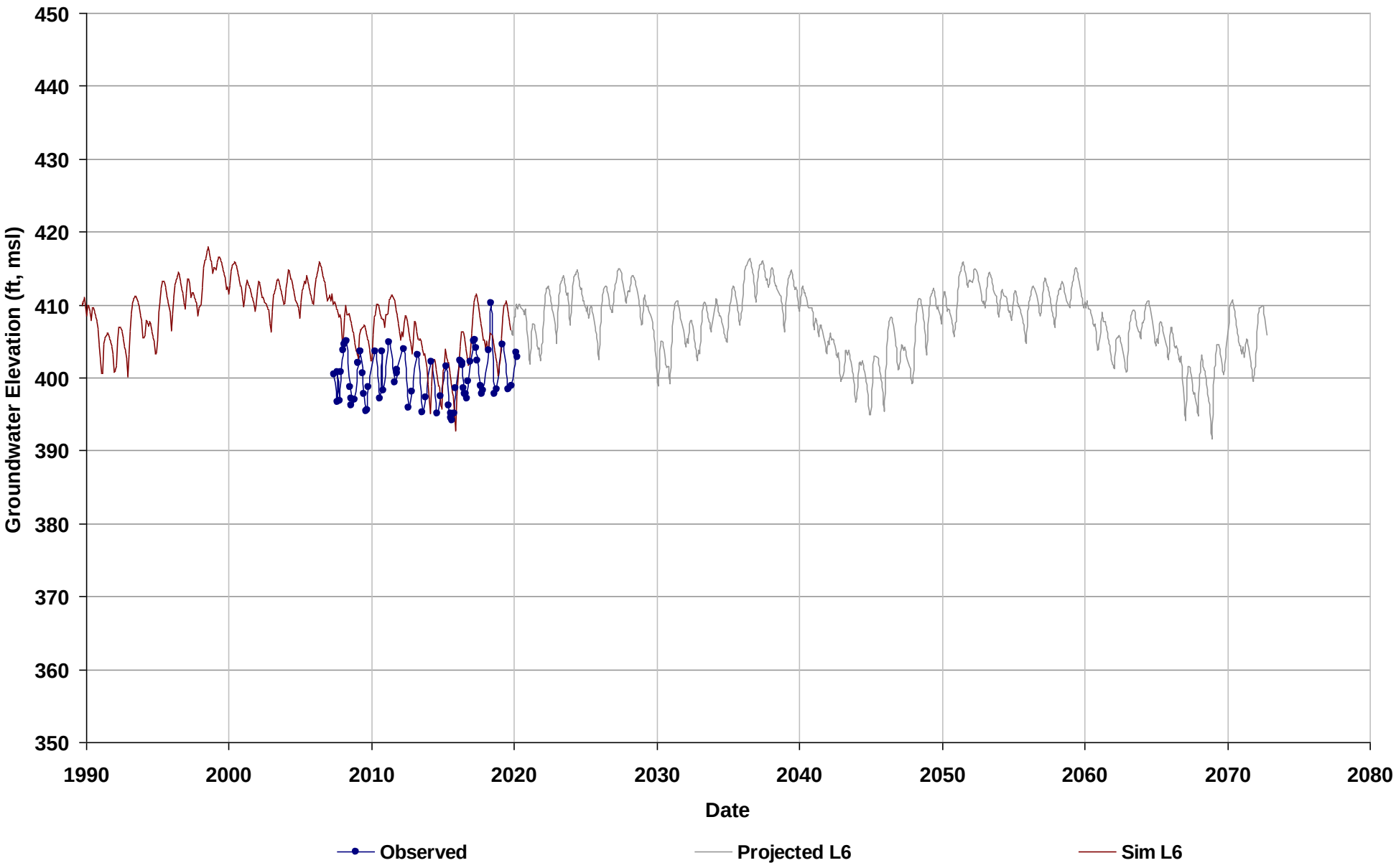
Well Name: 28N04W04P001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 537

Total Depth (ft): 270
Perf Top (ft): 200
Perf Bottom (ft): 270
Top Model Layer: 5
Bottom Model Layer: 5



Well Name: 29N04W20A002M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

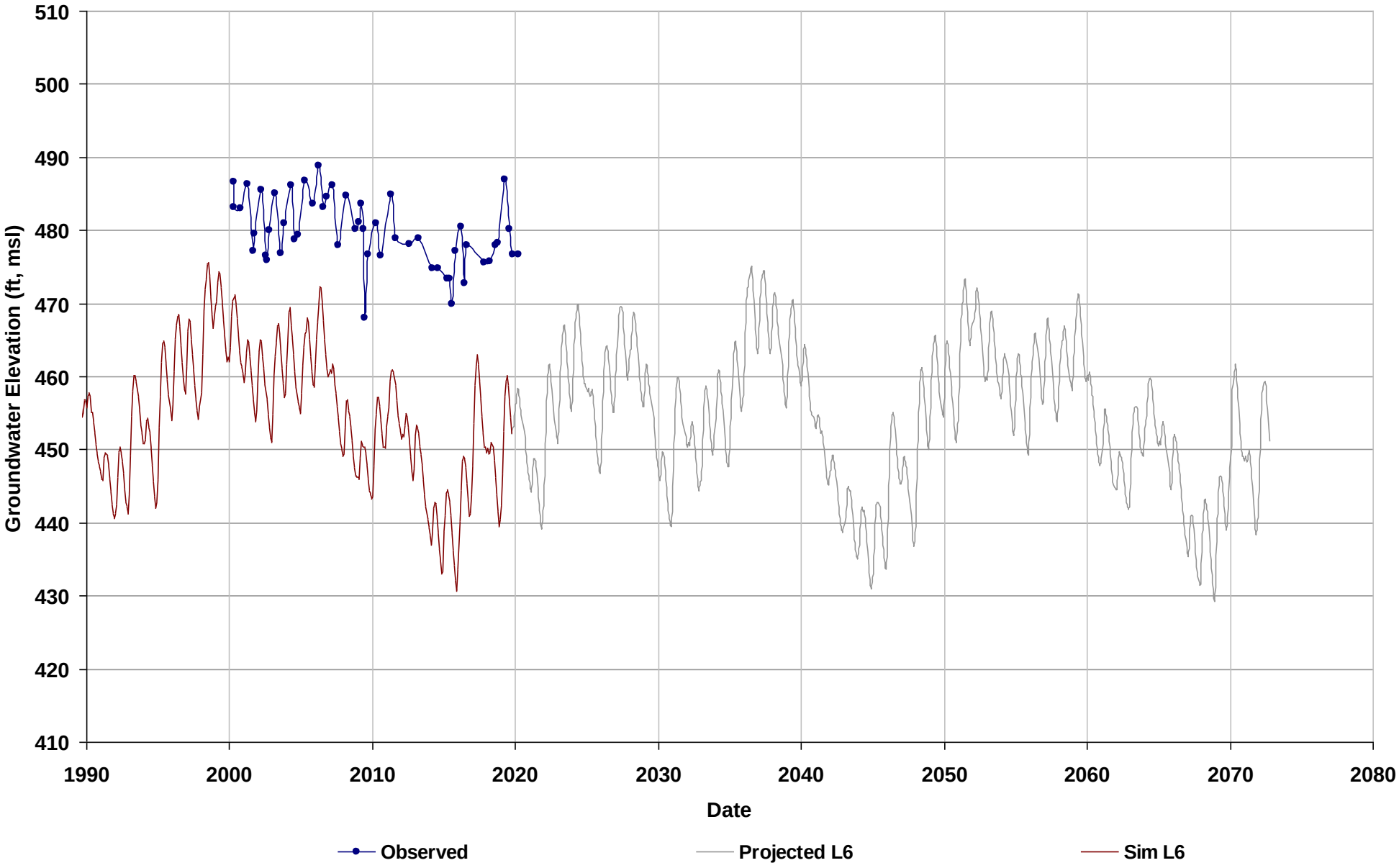
Total Depth (ft): 451
Perf Top (ft): 360
Perf Bottom (ft): 430
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use)

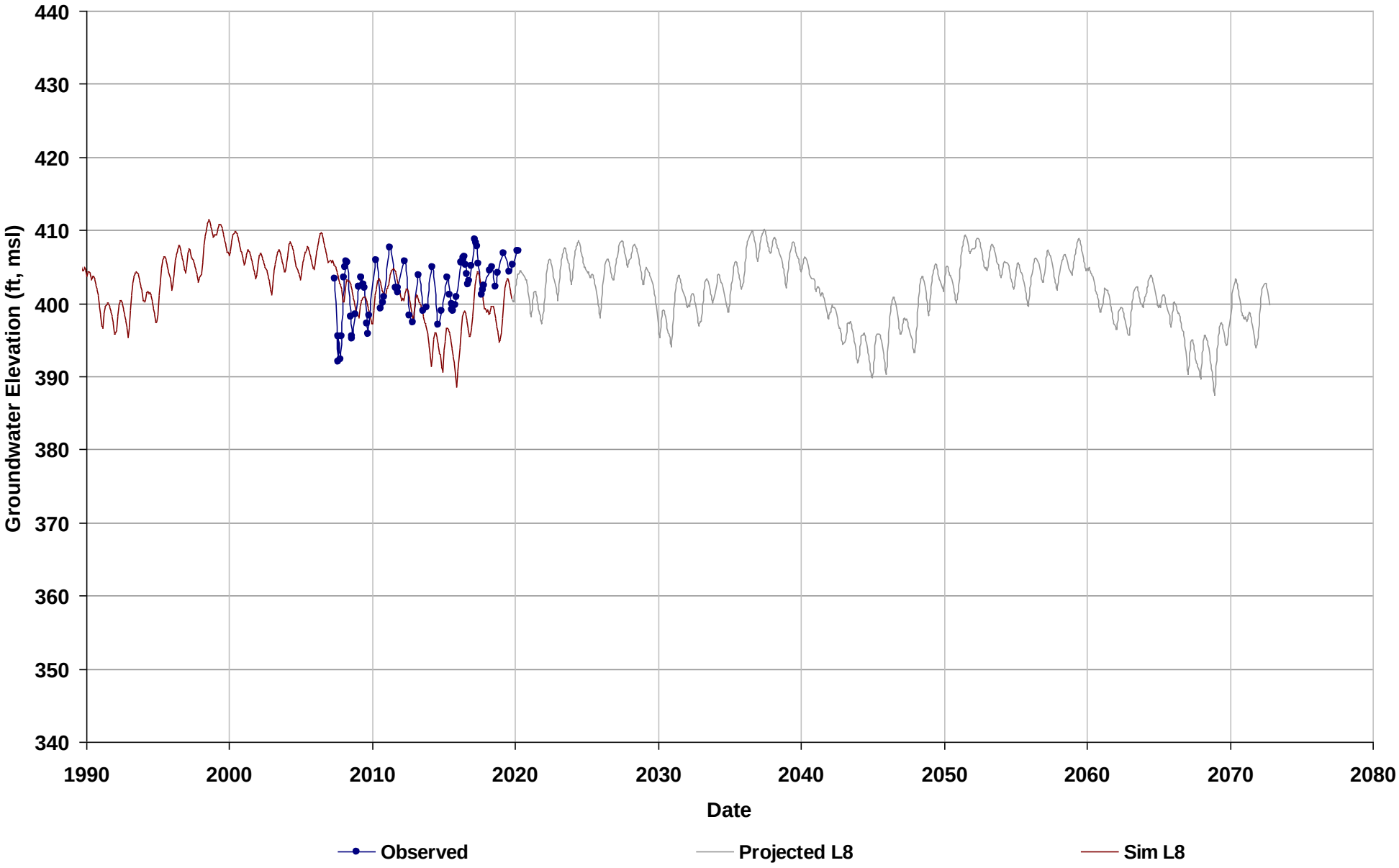
Well Name: 29N05W21H001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 622

Total Depth (ft): 280
Perf Top (ft): 250
Perf Bottom (ft): 280
Top Model Layer: 6
Bottom Model Layer: 6



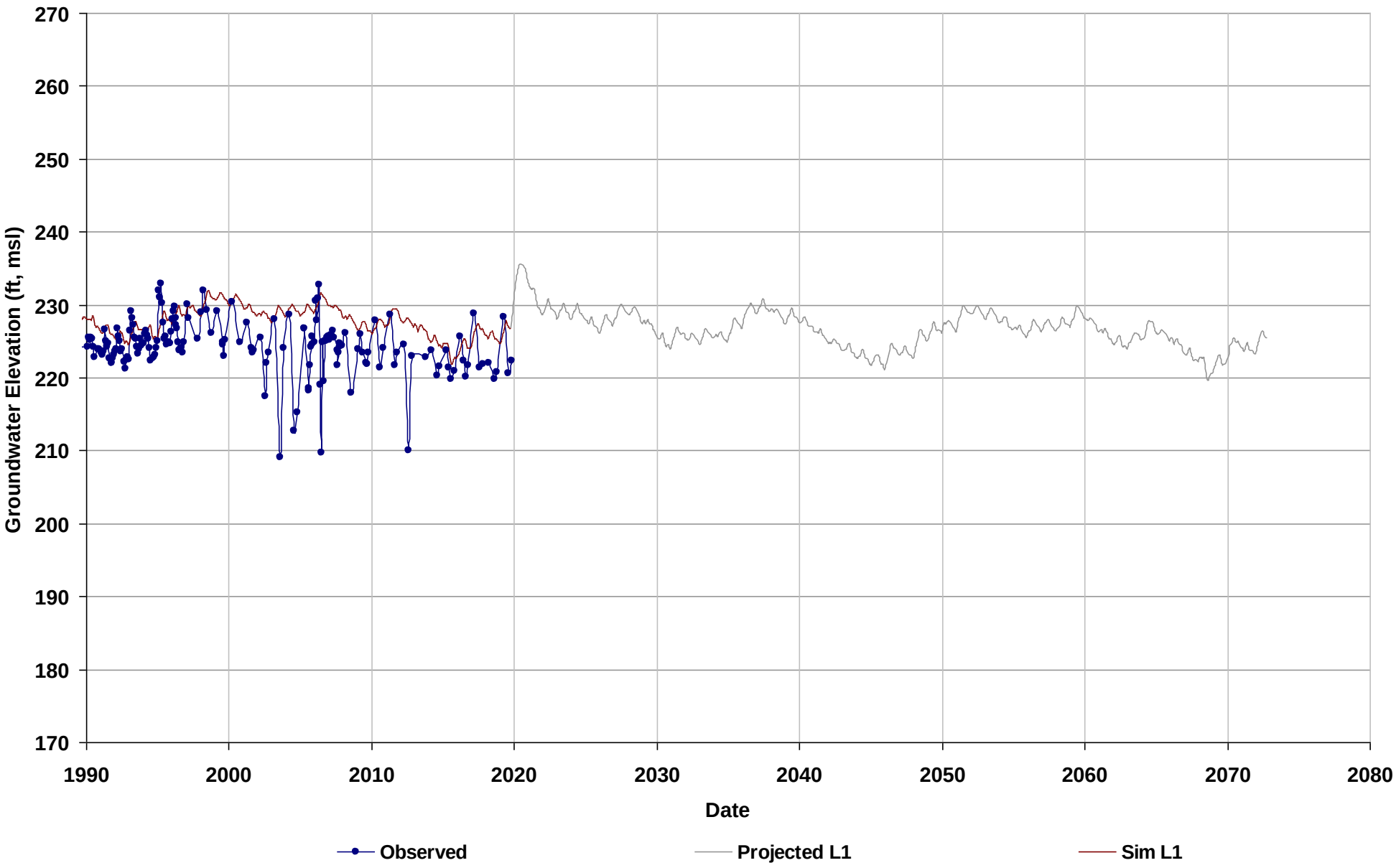
Well Name: 29N04W20A001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 876
Perf Top (ft): 755
Perf Bottom (ft): 855
Top Model Layer: 8
Bottom Model Layer: 8



Well Name: 26N02W16C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 242

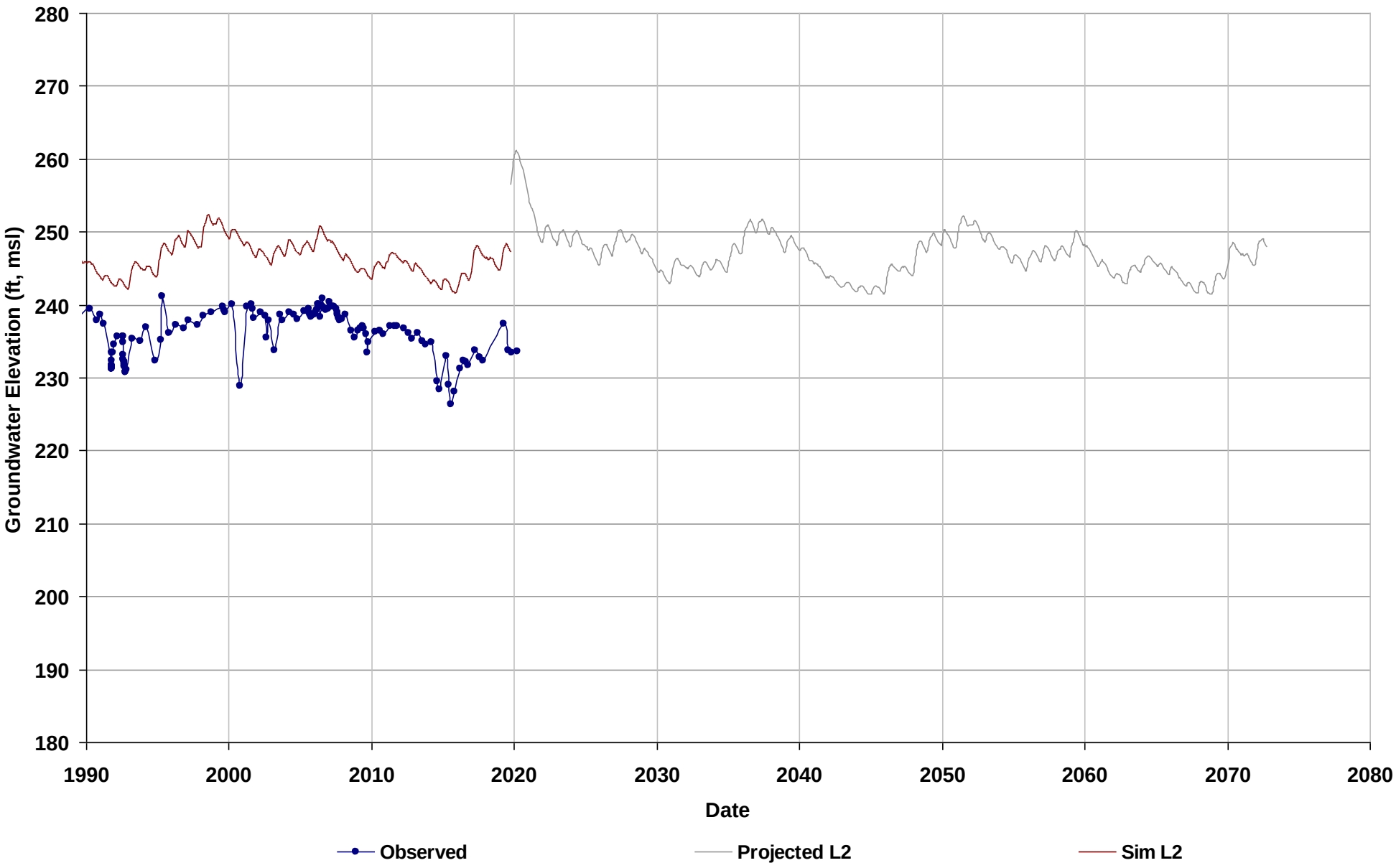
Total Depth (ft): 50
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Current Land Use)

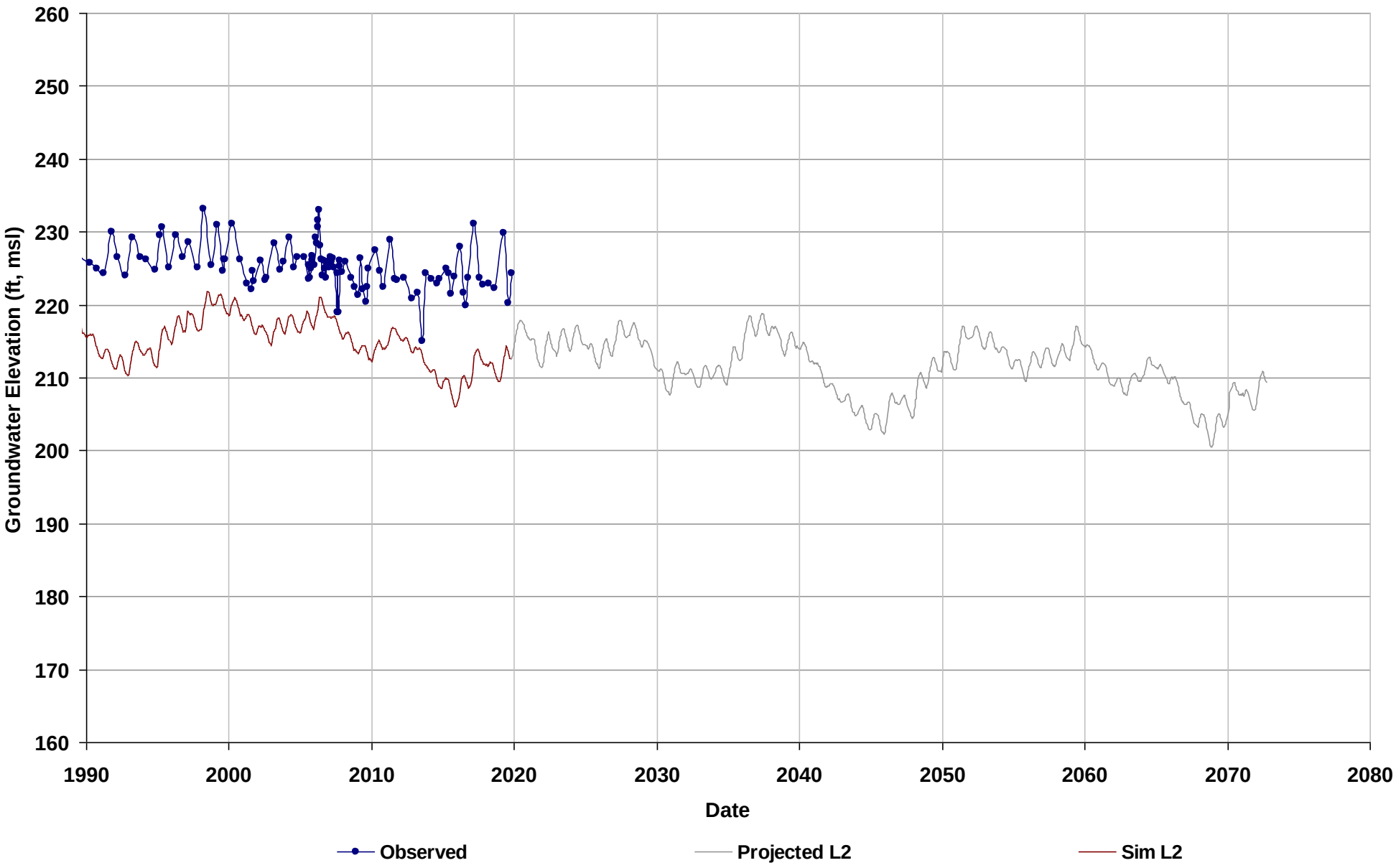
Well Name: 26N02W14G001M
Depth Zone: Likely Composite
Subbasin: Los Molinos
GSE (ft, msl): 314

Total Depth (ft): 394
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



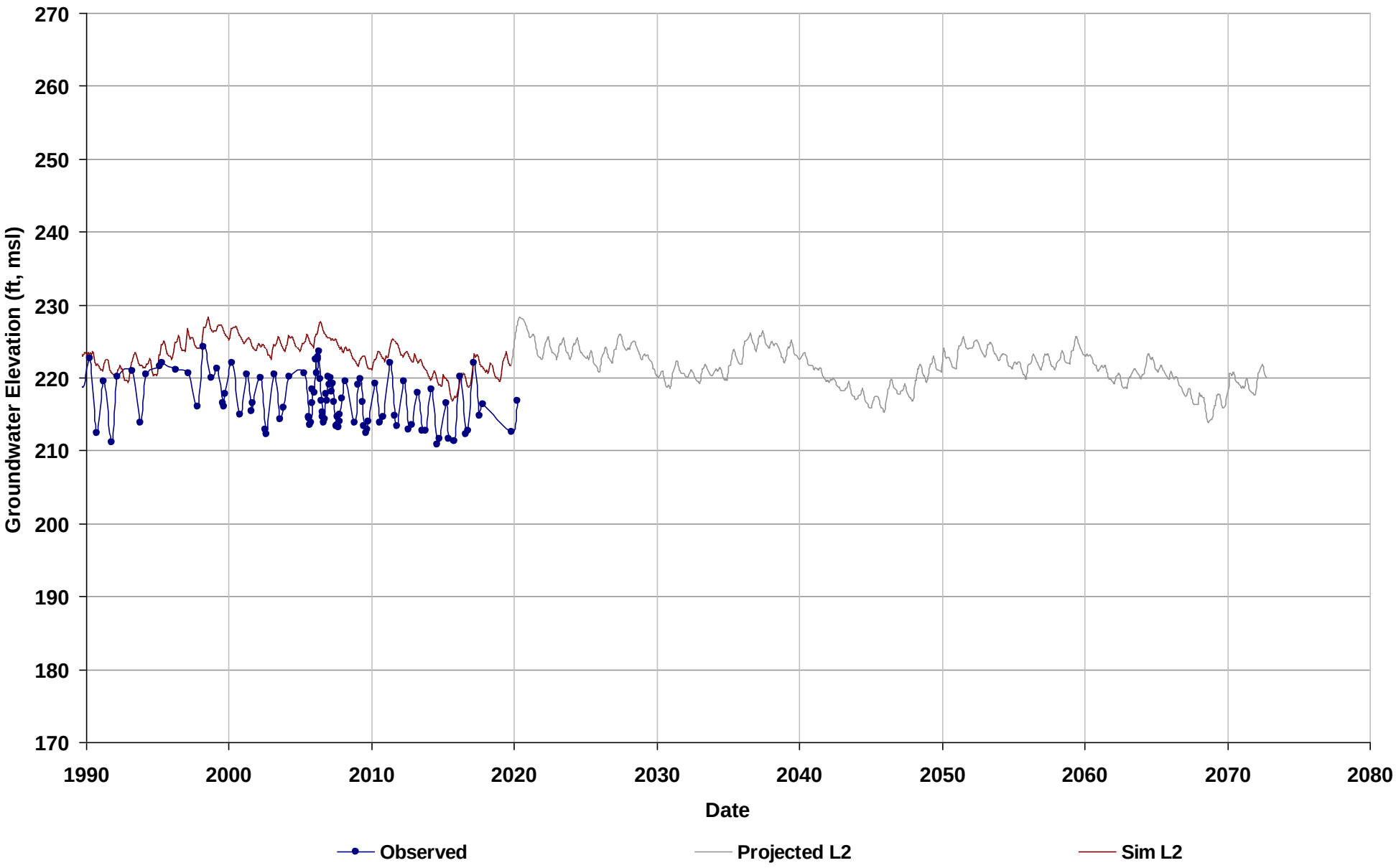
Well Name: 25N02W09G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 264

Total Depth (ft): 60
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



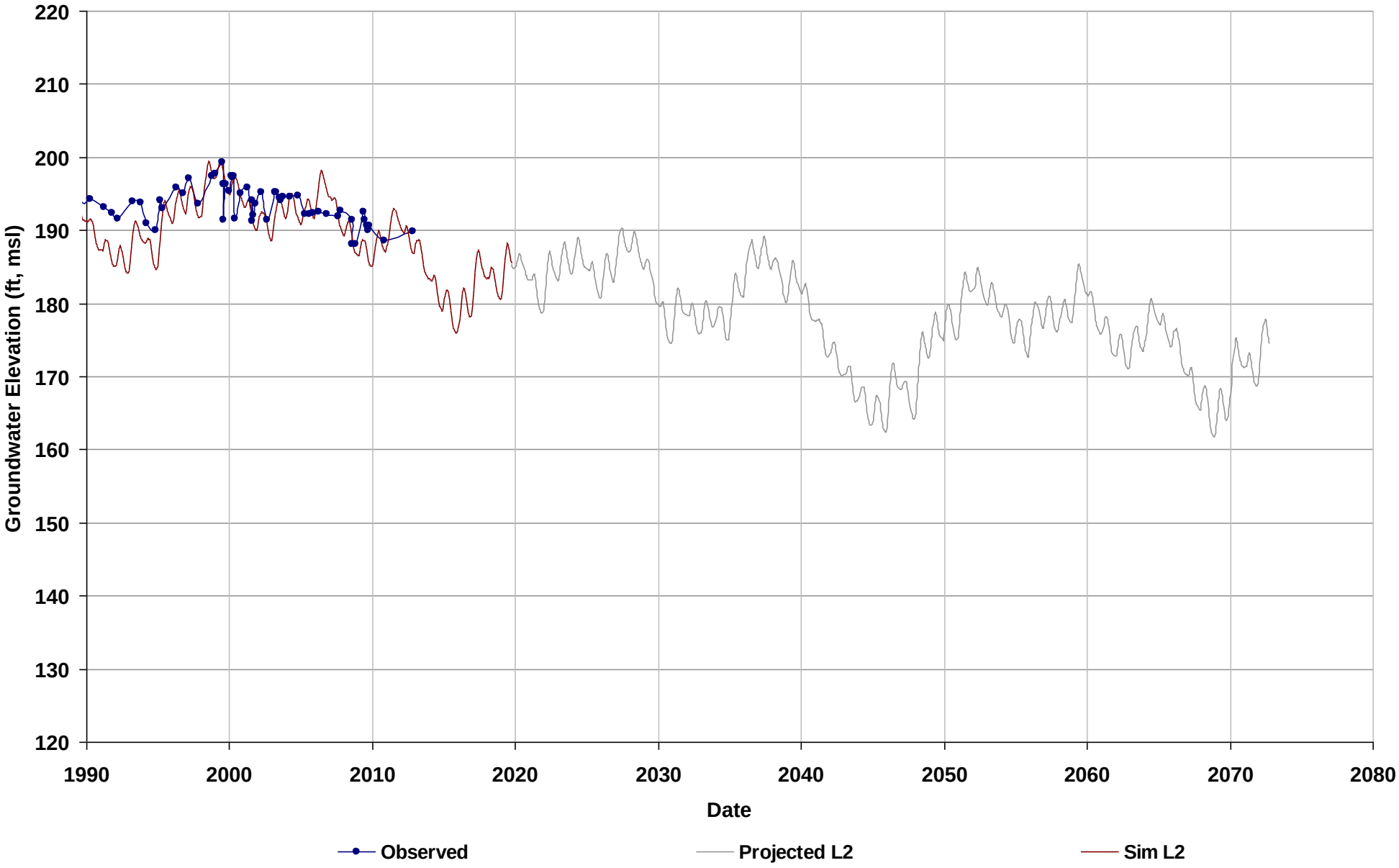
Well Name: 26N02W21Q001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 237

Total Depth (ft): 55
Perf Top (ft): 48
Perf Bottom (ft): 55
Top Model Layer: 2
Bottom Model Layer: 2



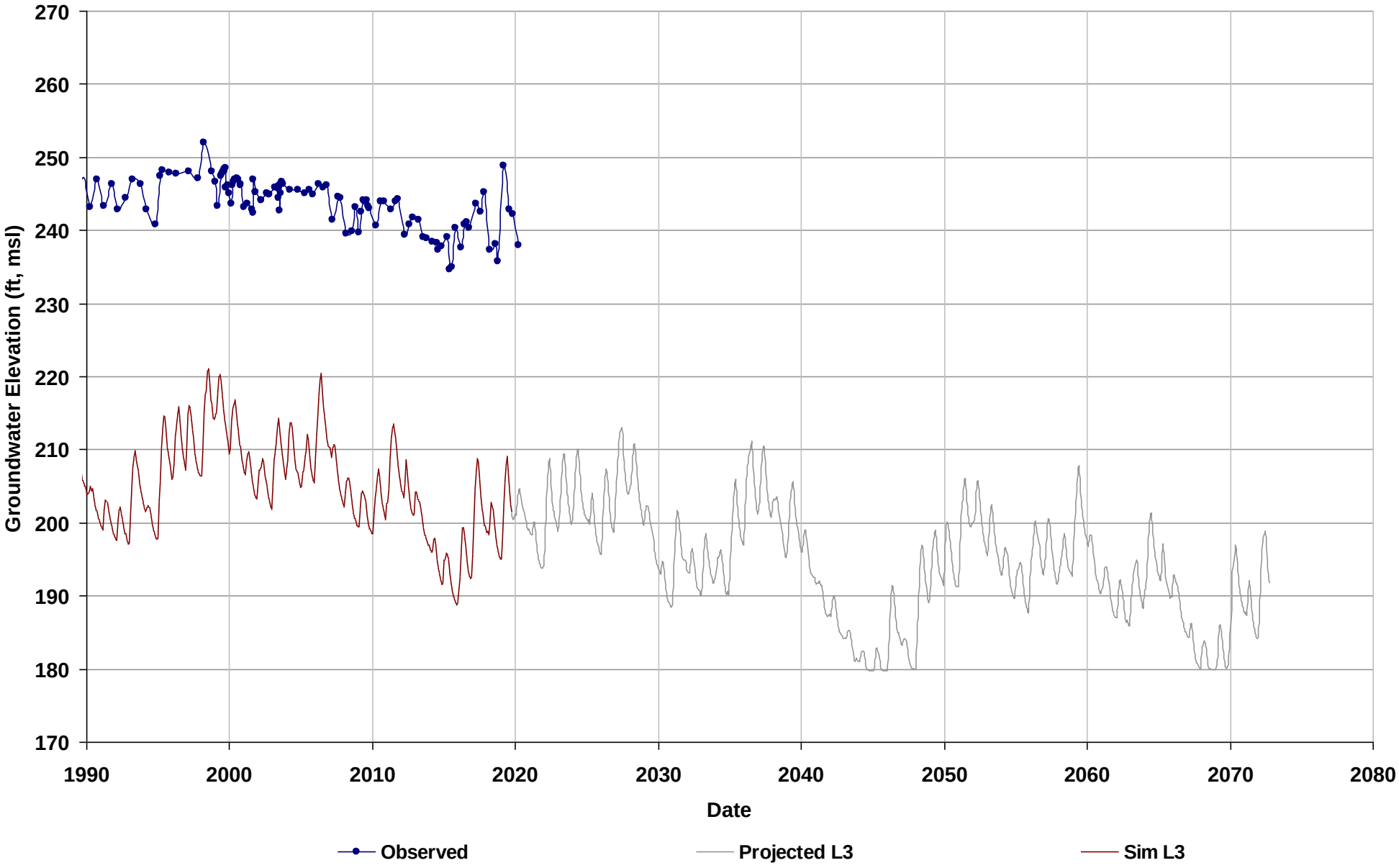
Well Name: 24N01W18N001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 256

Total Depth (ft): 102
Perf Top (ft): 64
Perf Bottom (ft): 76
Top Model Layer: 2
Bottom Model Layer: 2



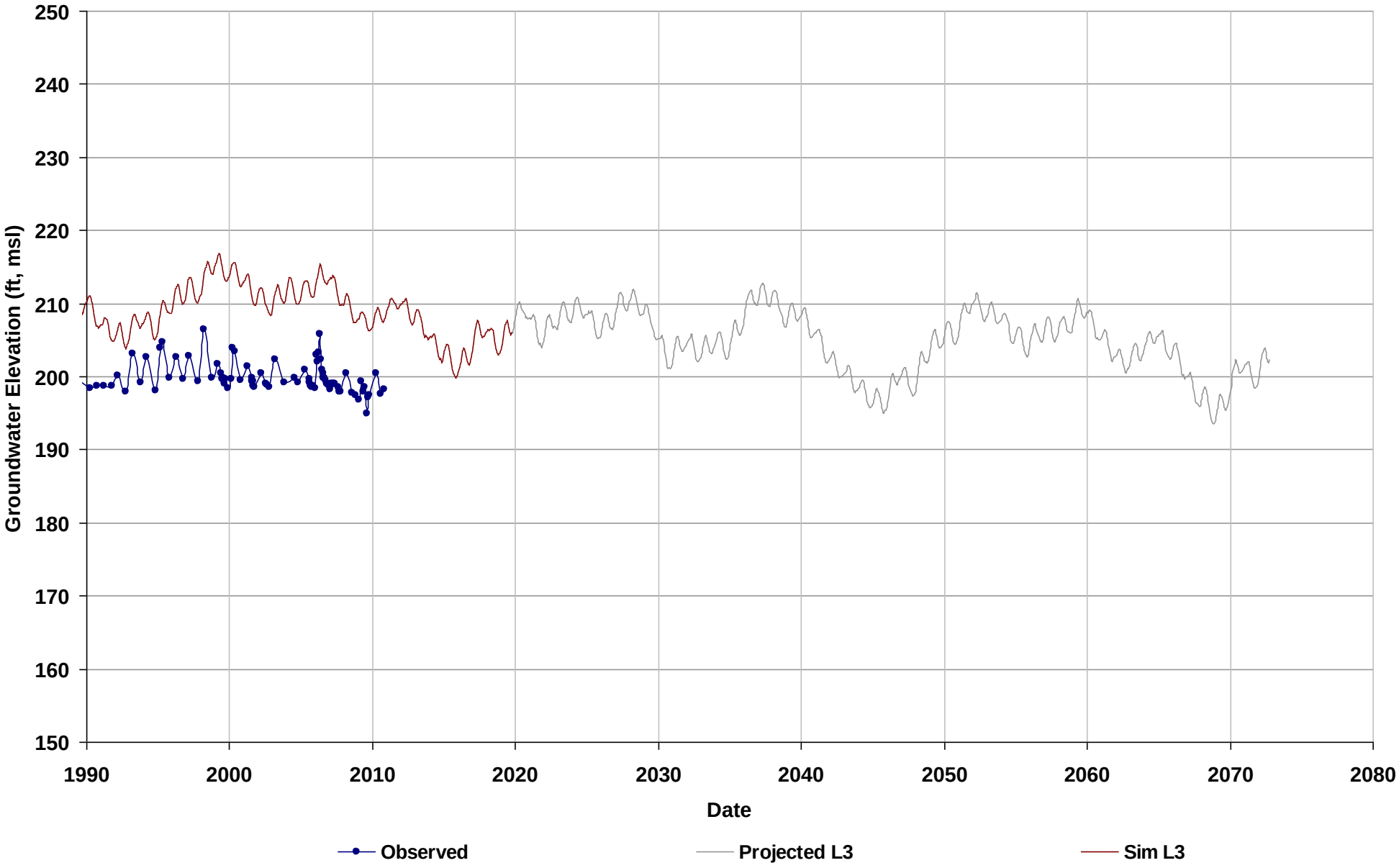
Well Name: 24N01W05Q002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 289

Total Depth (ft): 150
Perf Top (ft): 60
Perf Bottom (ft): 150
Top Model Layer: 3
Bottom Model Layer: 3



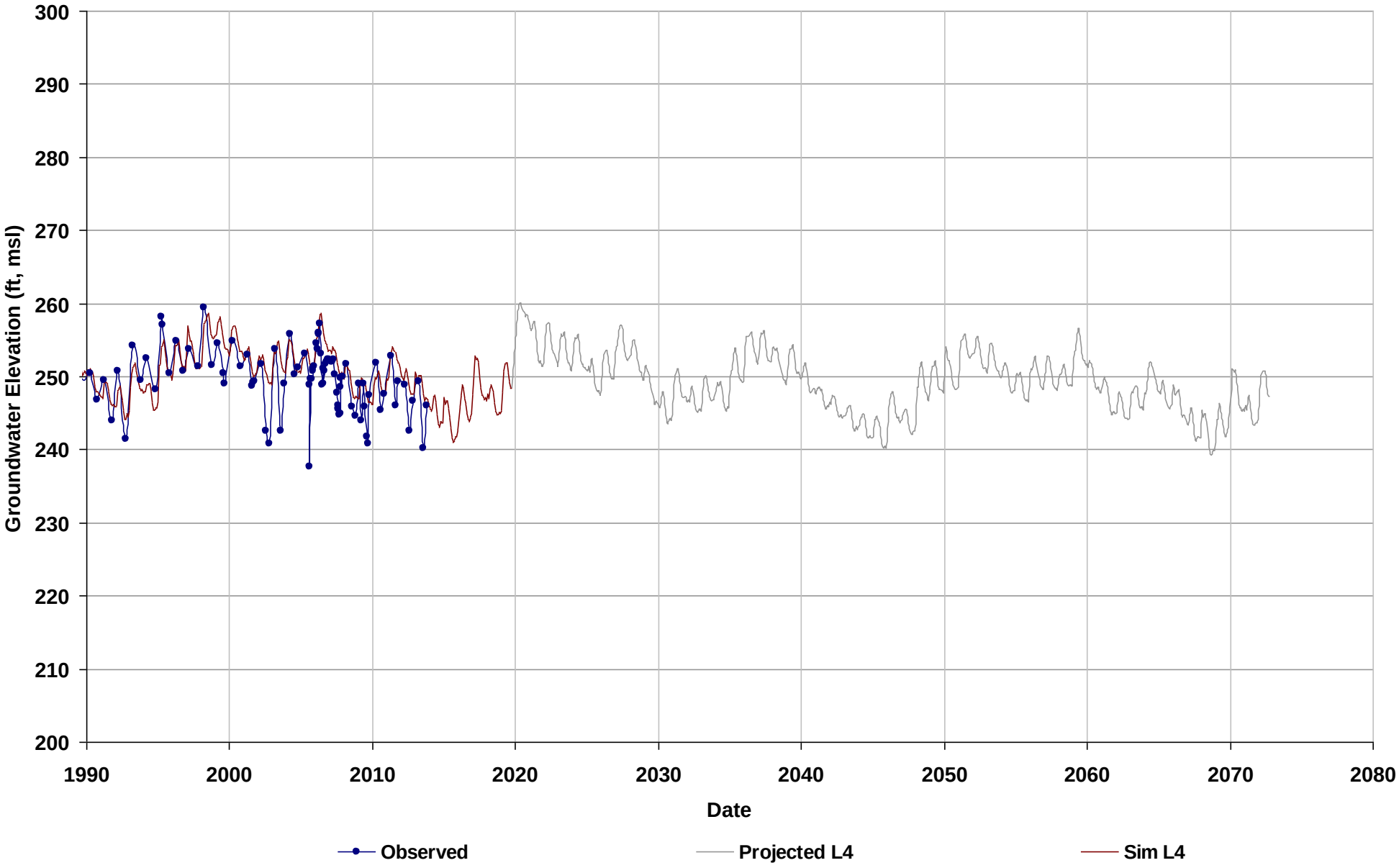
Well Name: 25N02W21B001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 212

Total Depth (ft): 110
Perf Top (ft): 52
Perf Bottom (ft): 110
Top Model Layer: 3
Bottom Model Layer: 3



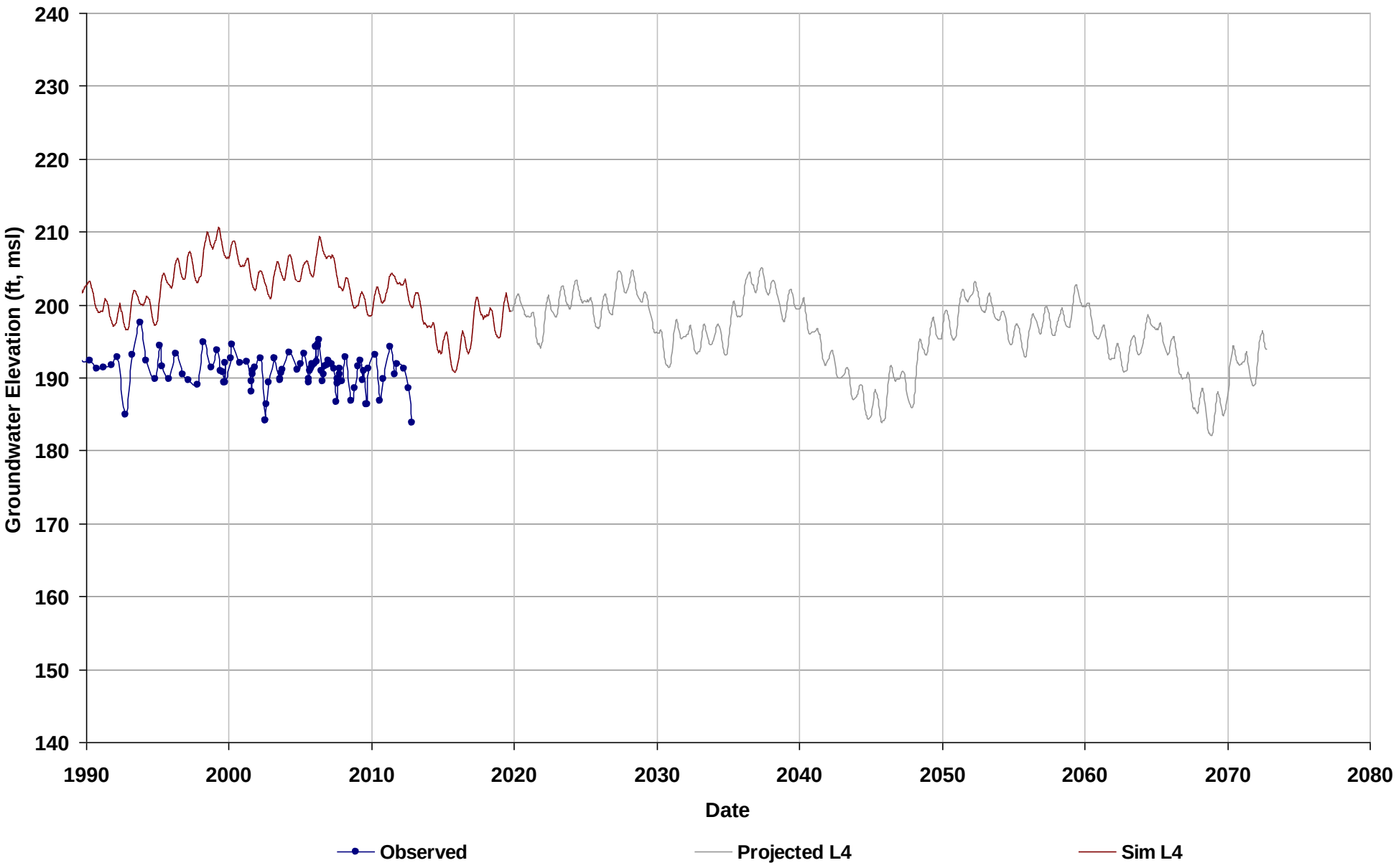
Well Name: 27N02W30C002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 282

Total Depth (ft): 296
Perf Top (ft): 50
Perf Bottom (ft): 163
Top Model Layer: 4
Bottom Model Layer: 4



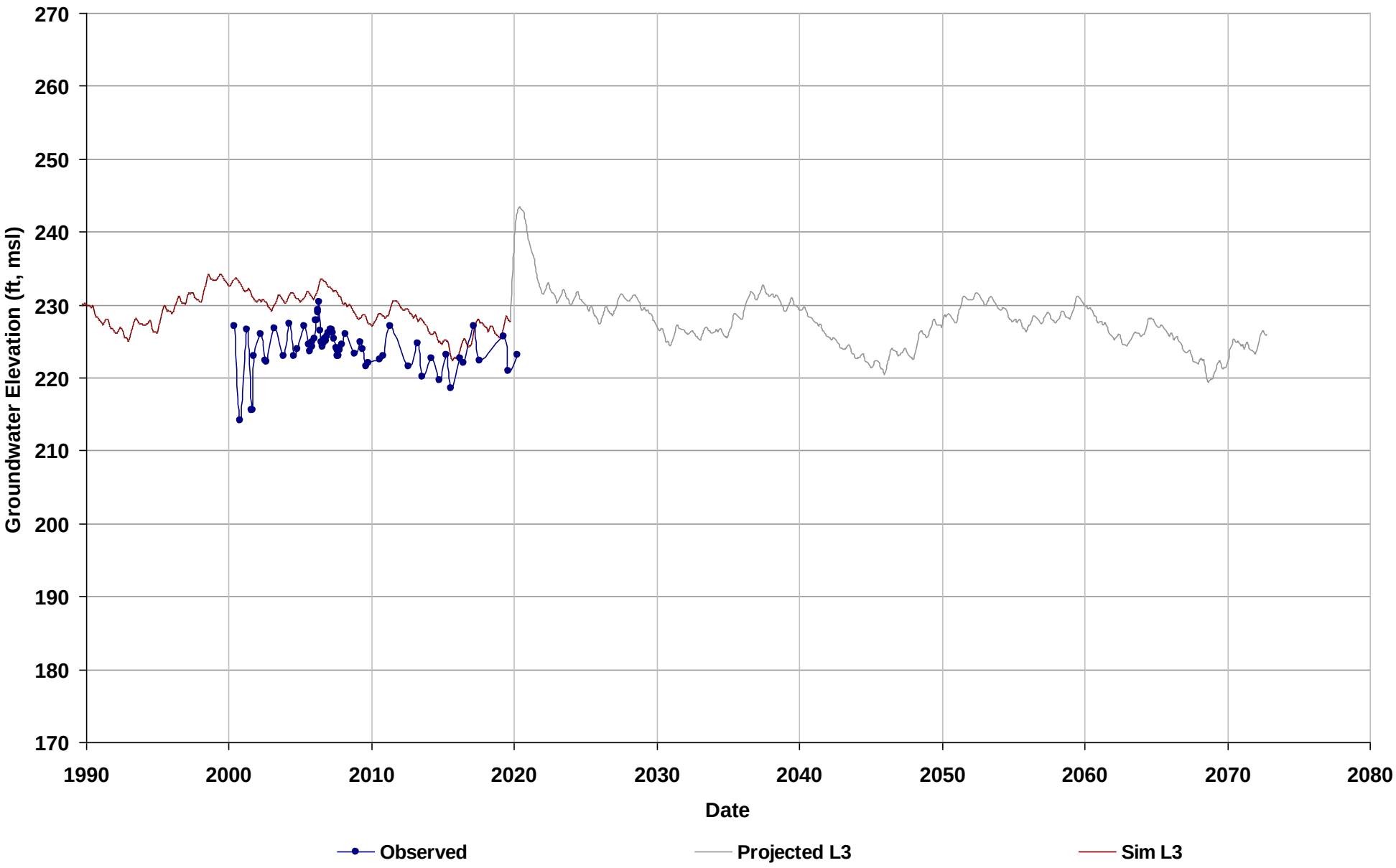
Well Name: 25N02W34K001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 206

Total Depth (ft): 235
Perf Top (ft): 46
Perf Bottom (ft): 213
Top Model Layer: 4
Bottom Model Layer: 4



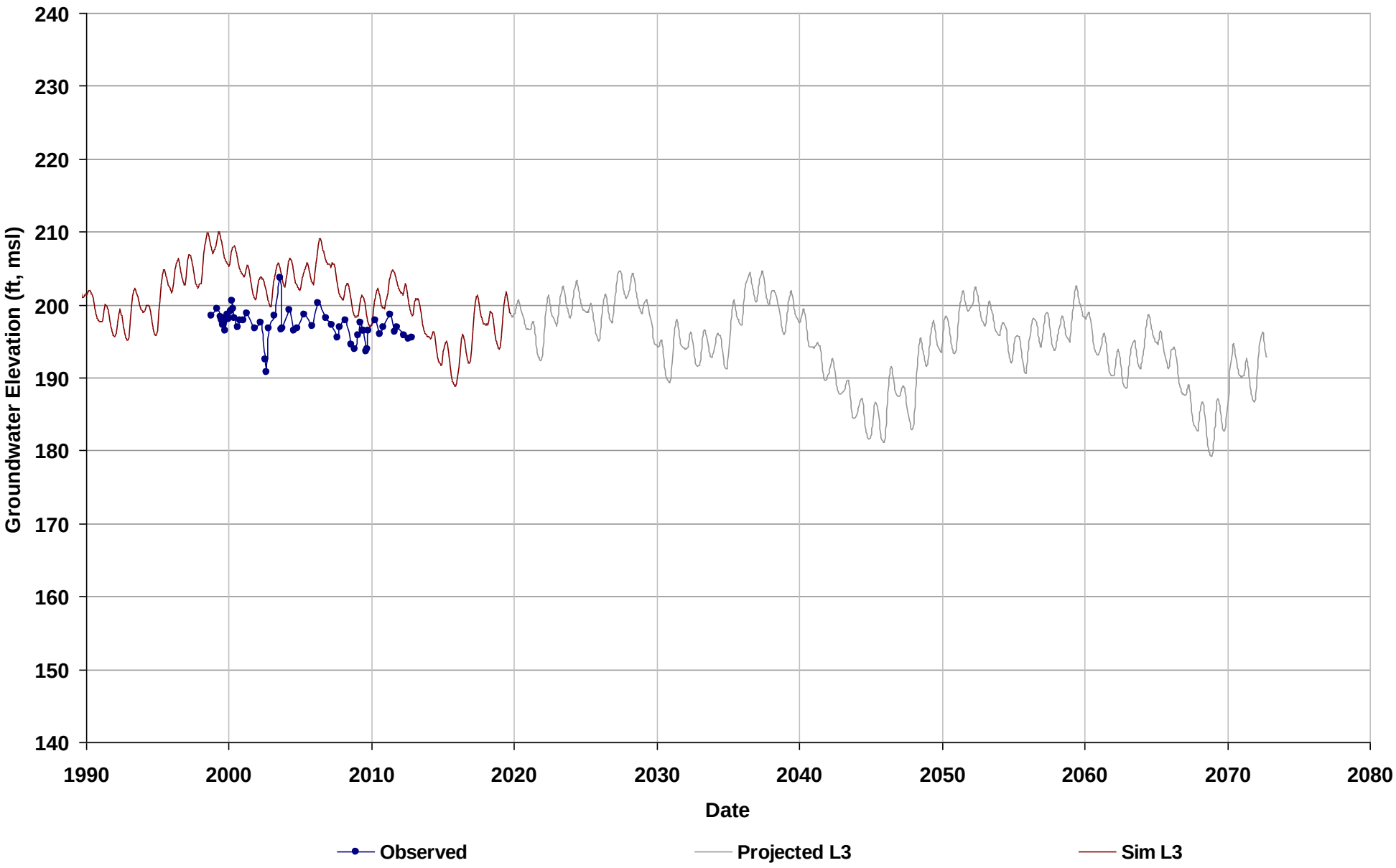
Well Name: 26N02W15C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 260

Total Depth (ft): 100
Perf Top (ft): 78
Perf Bottom (ft): 100
Top Model Layer: 3
Bottom Model Layer: 3



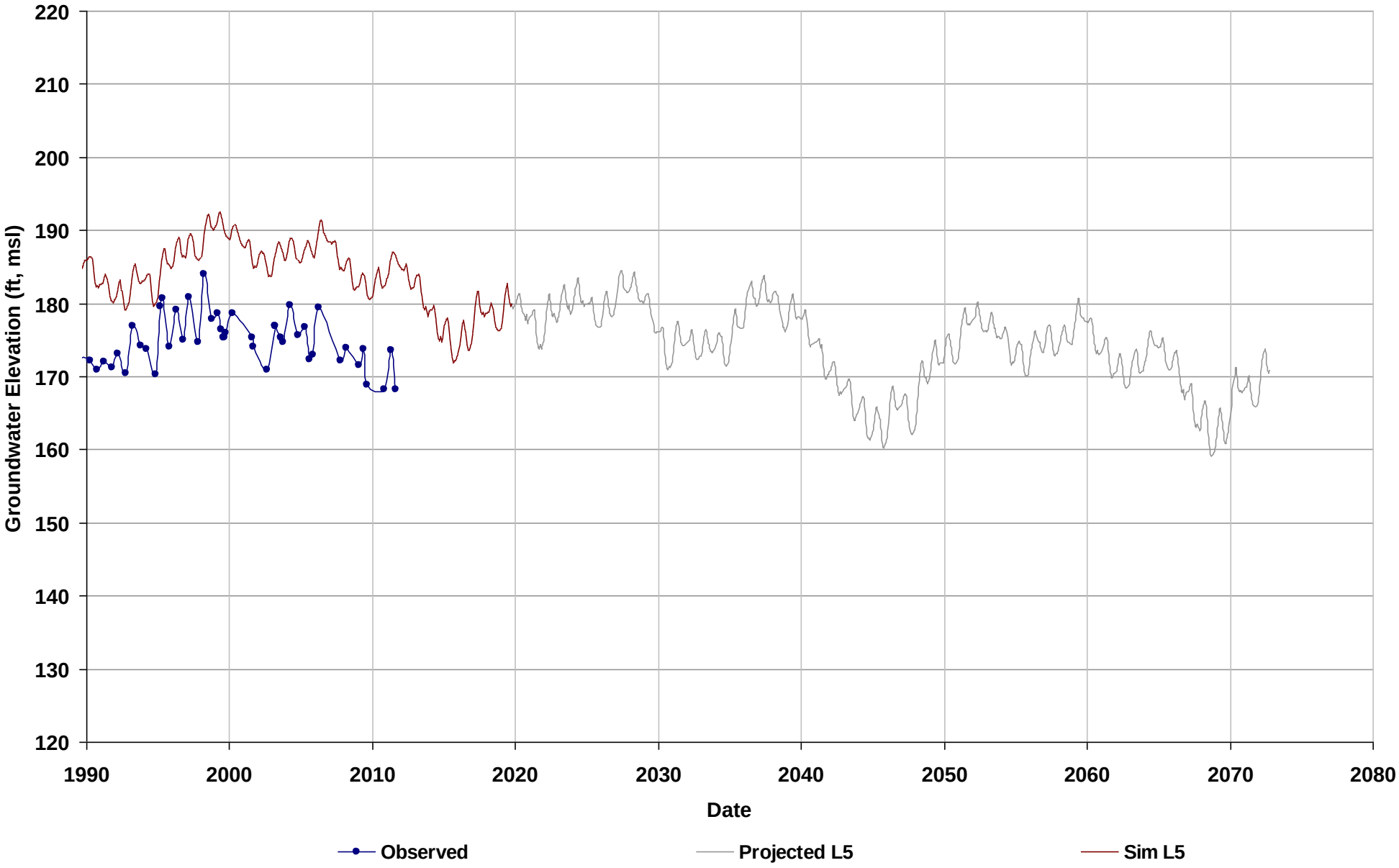
Well Name: 24N02W02E001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 202

Total Depth (ft): 328
Perf Top (ft): 90
Perf Bottom (ft): 310
Top Model Layer: 3
Bottom Model Layer: 3



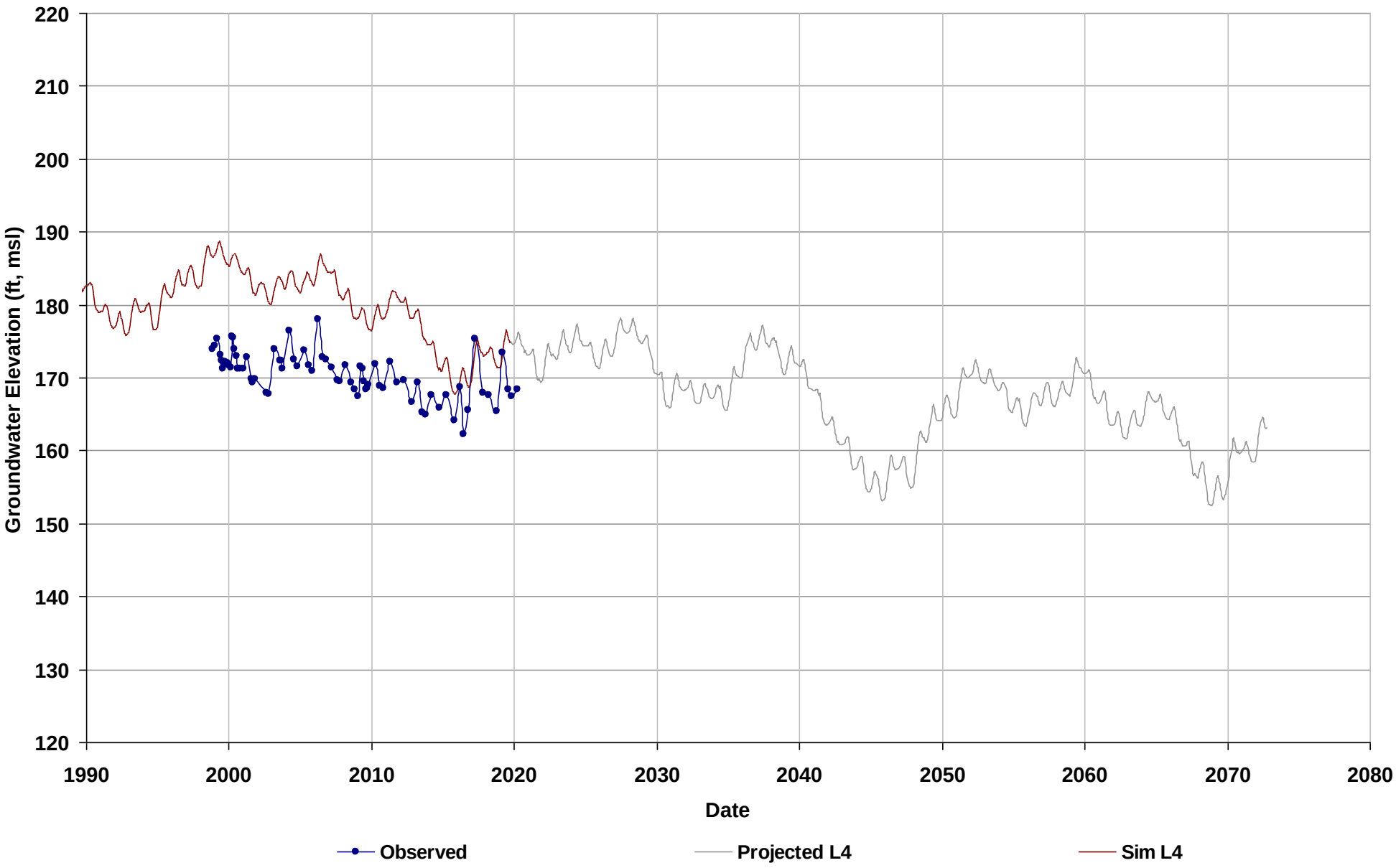
Well Name: 24N02W23G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 199

Total Depth (ft): 362
Perf Top (ft): 84
Perf Bottom (ft): 362
Top Model Layer: 5
Bottom Model Layer: 5



Well Name: 24N02W25G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 194

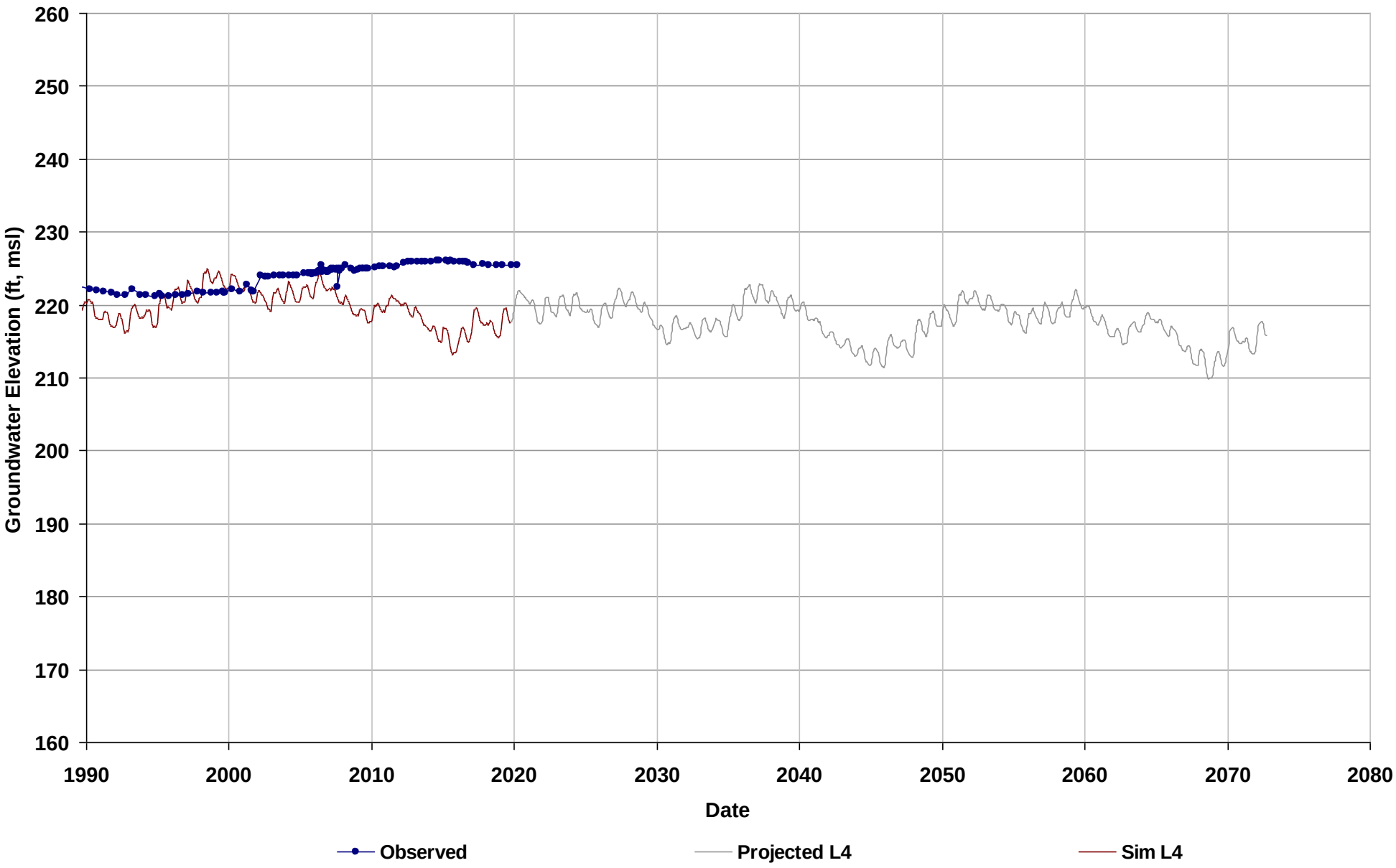
Total Depth (ft): 256
Perf Top (ft): 108
Perf Bottom (ft): 256
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

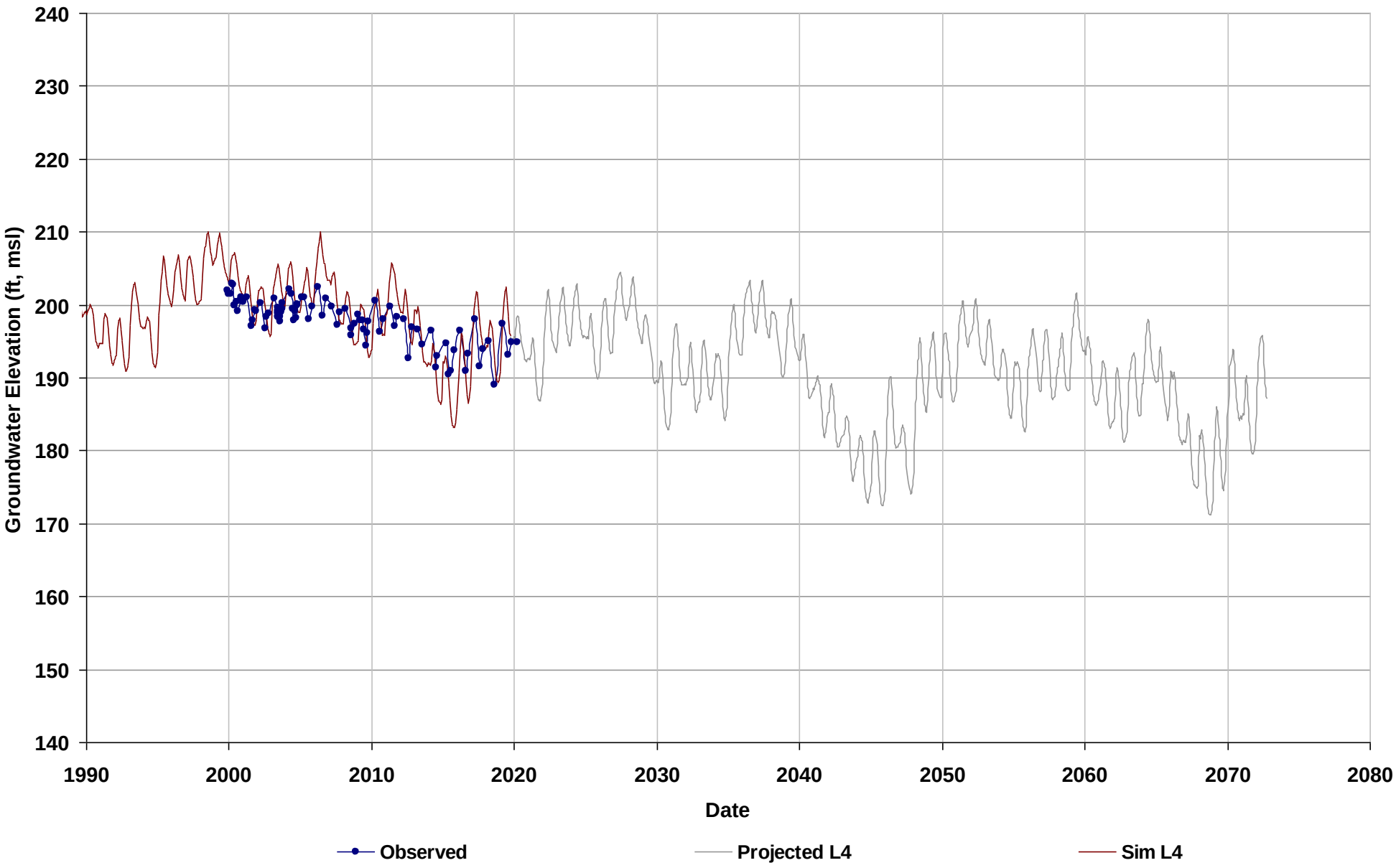
Well Name: 26N02W29R001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

Total Depth (ft): 184
Perf Top (ft): 183.5
Perf Bottom (ft): 184
Top Model Layer: 4
Bottom Model Layer: 4



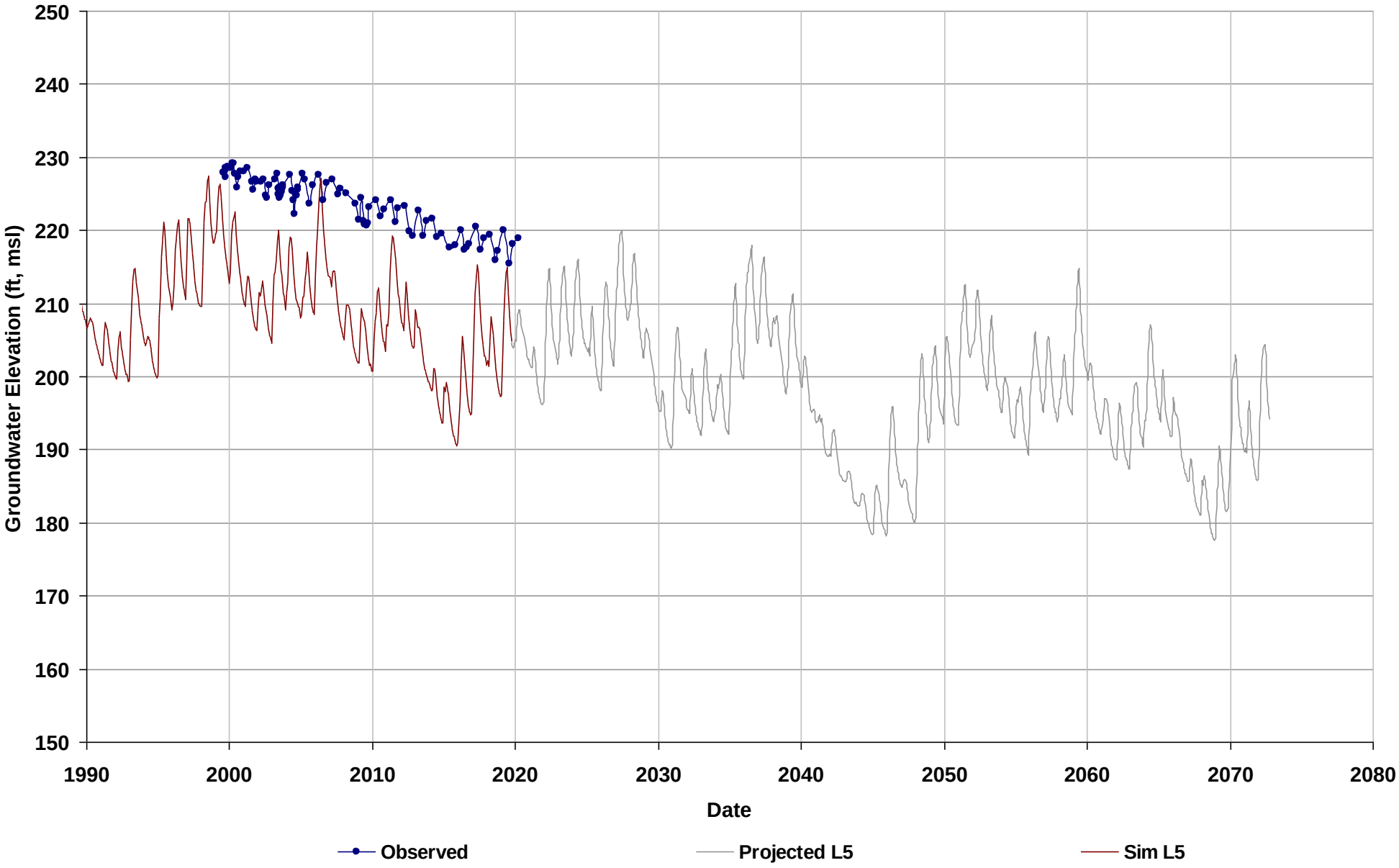
Well Name: 24N02W12P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 228

Total Depth (ft): 370
Perf Top (ft): 165
Perf Bottom (ft): 360
Top Model Layer: 4
Bottom Model Layer: 4



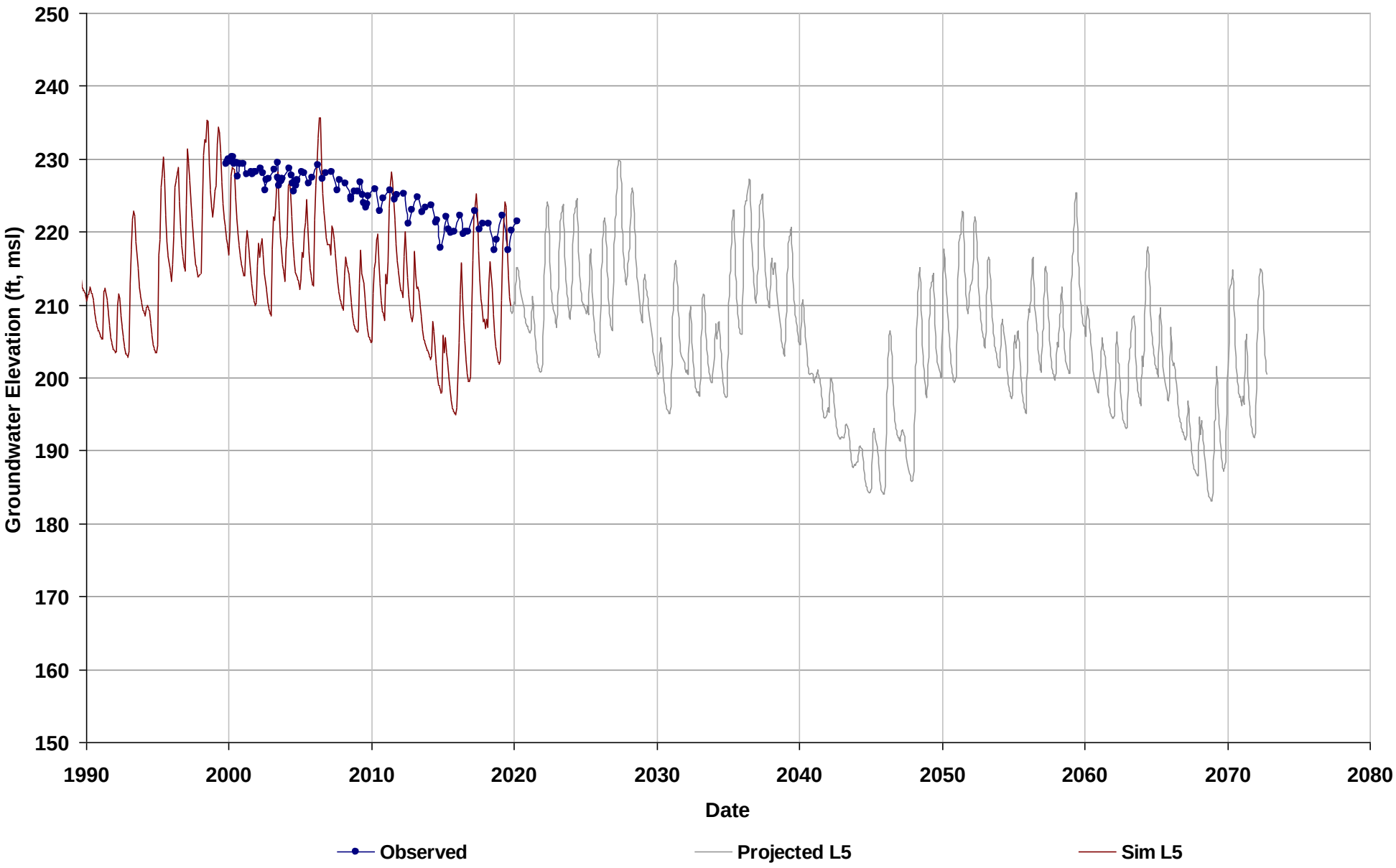
Well Name: 24N01W05J003M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 312

Total Depth (ft): 385
Perf Top (ft): 295
Perf Bottom (ft): 335
Top Model Layer: 5
Bottom Model Layer: 5



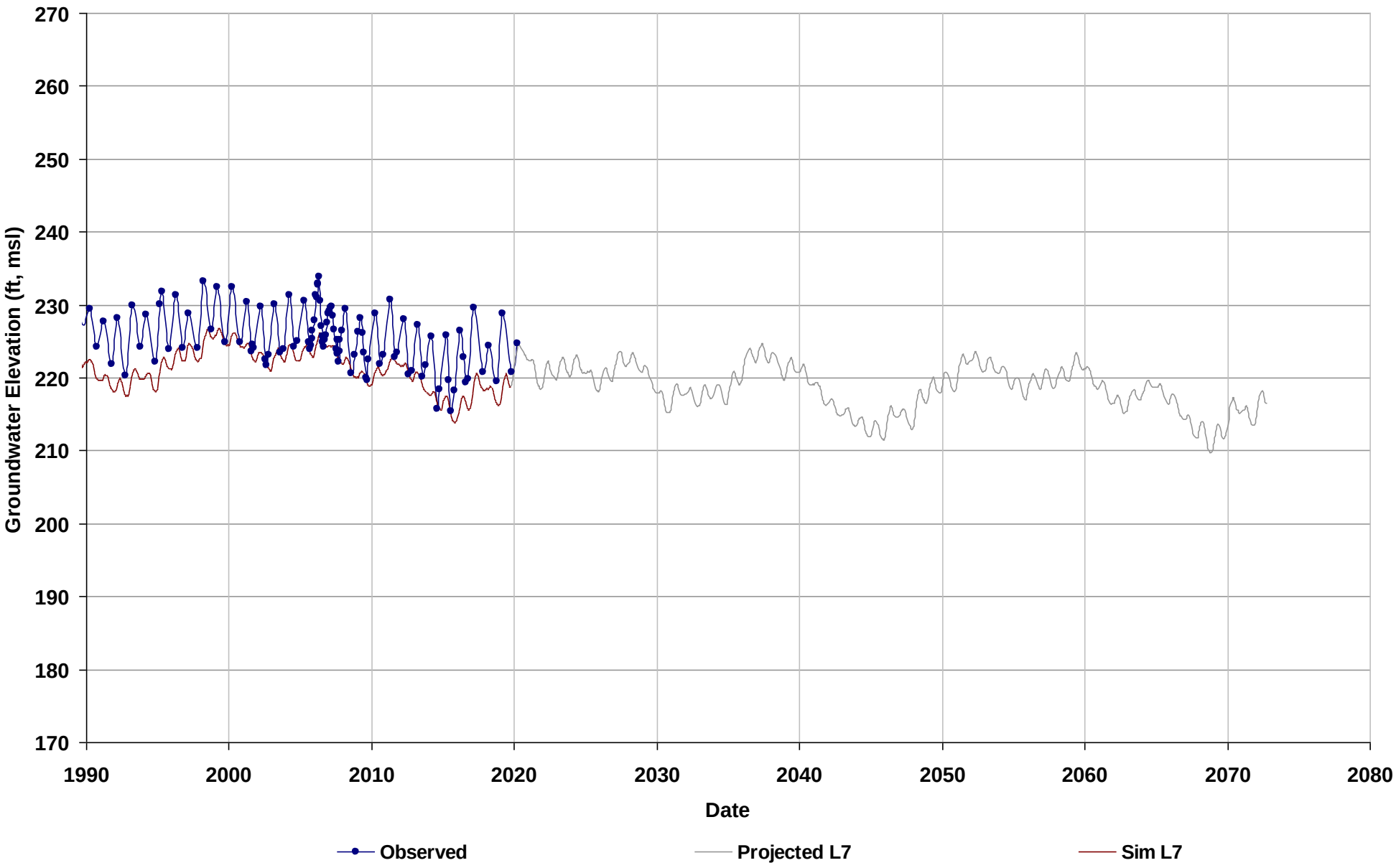
Well Name: 25N01W32P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 303

Total Depth (ft): 330
Perf Top (ft): 209
Perf Bottom (ft): 256
Top Model Layer: 5
Bottom Model Layer: 5



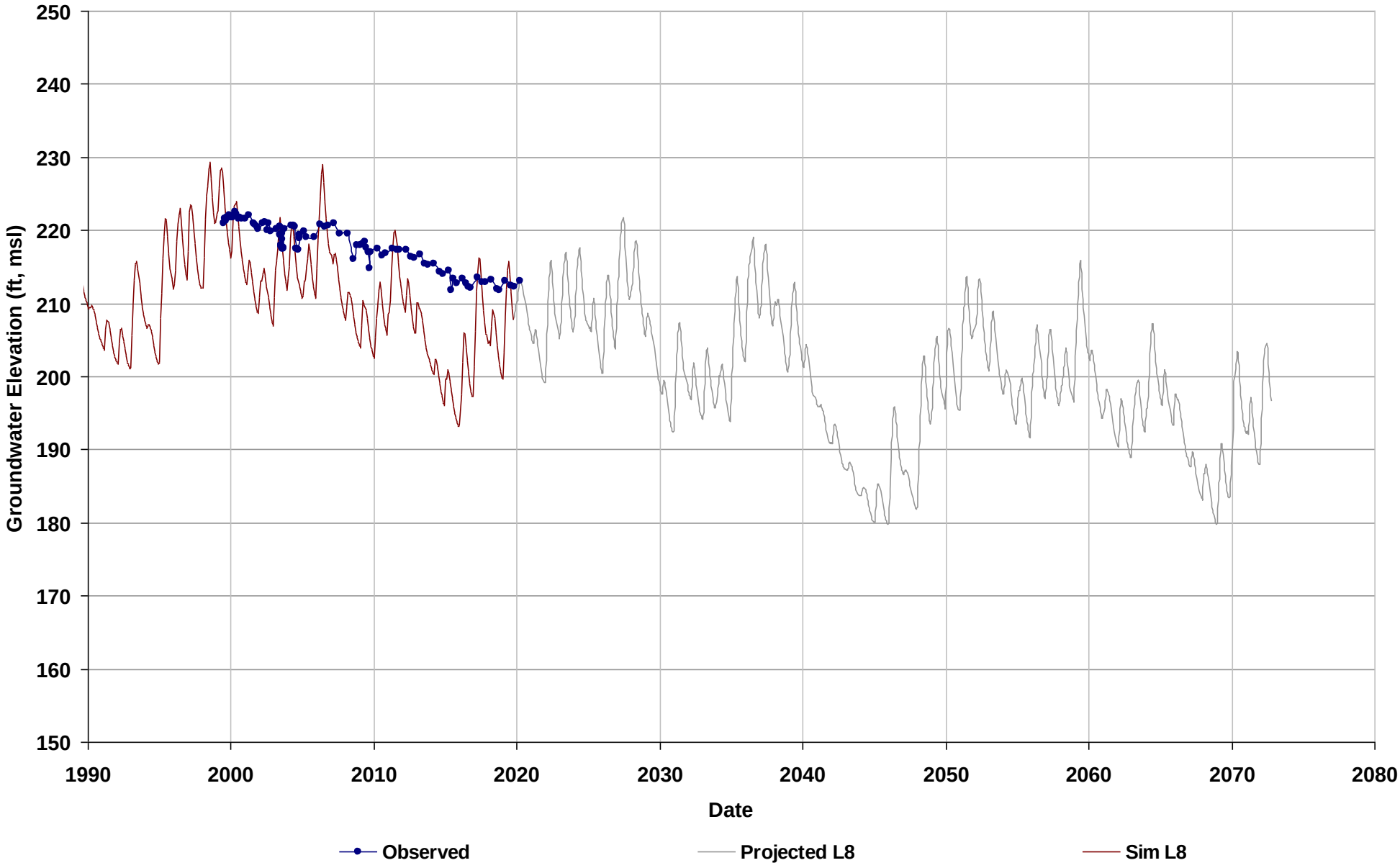
Well Name: 26N02W29R002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

Total Depth (ft): 900
Perf Top (ft): 839.5
Perf Bottom (ft): 840.5
Top Model Layer: 7
Bottom Model Layer: 7



Well Name: 25N01W34N003M
Depth Zone: Lower
Subbasin: Los Molinos
GSE (ft, msl): 366

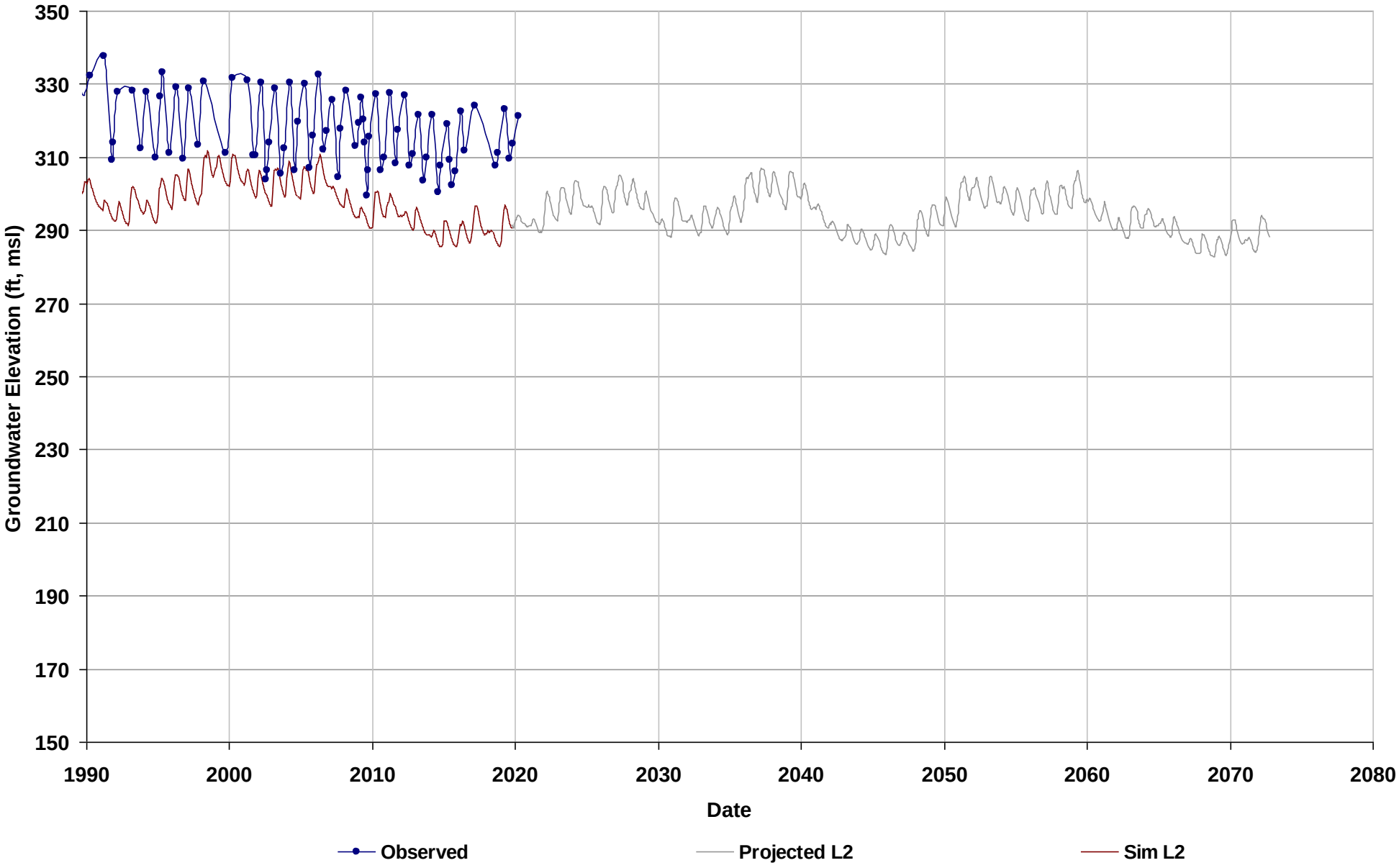
Total Depth (ft): 743
Perf Top (ft): 625
Perf Bottom (ft): 680
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Current Land Use)

Well Name: 27N04W35E001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 438

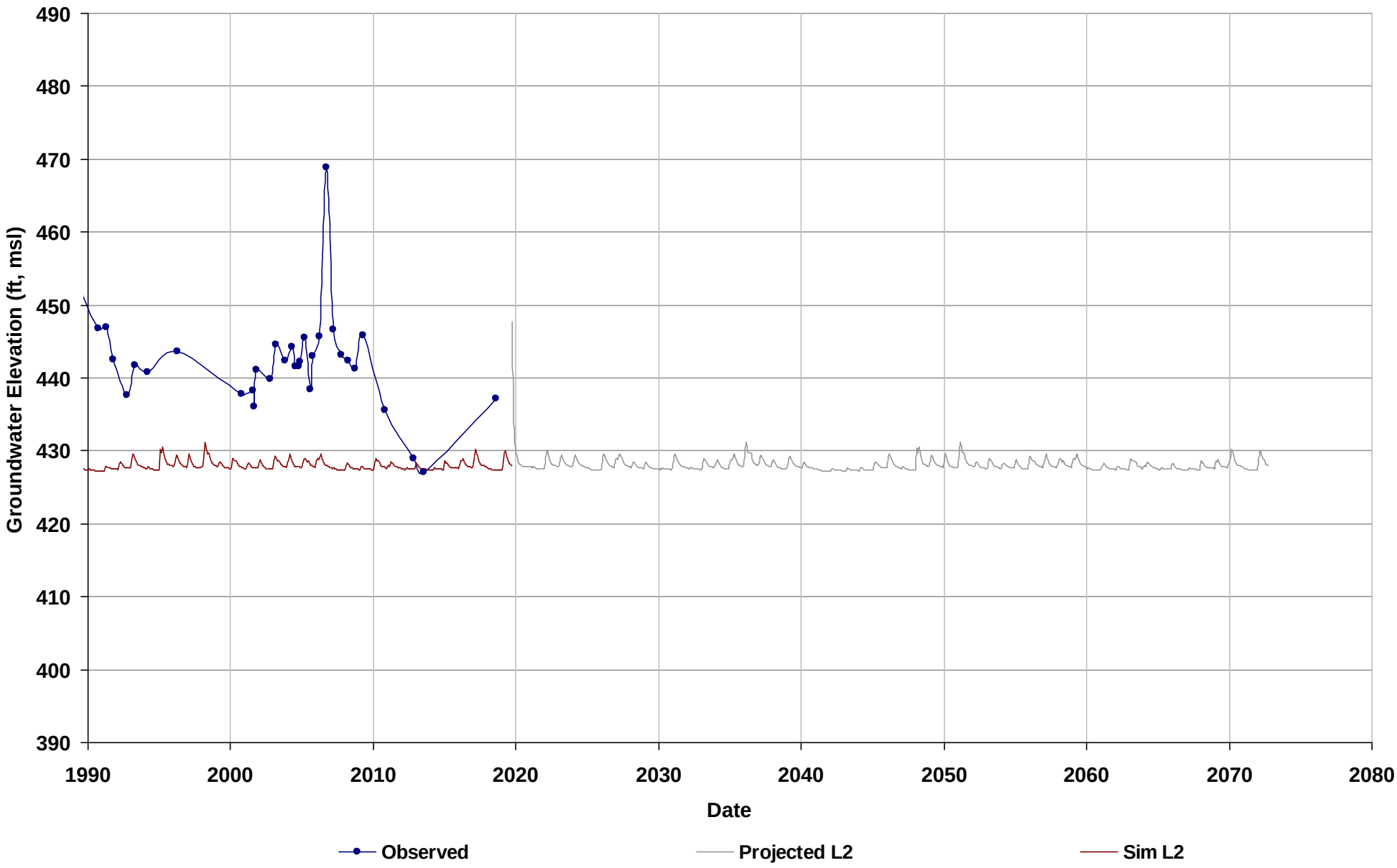
Total Depth (ft): 280
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use)

Well Name: 25N05W24D001M
Depth Zone: Unknown
Subbasin: Red Bluff
GSE (ft, msl): 515

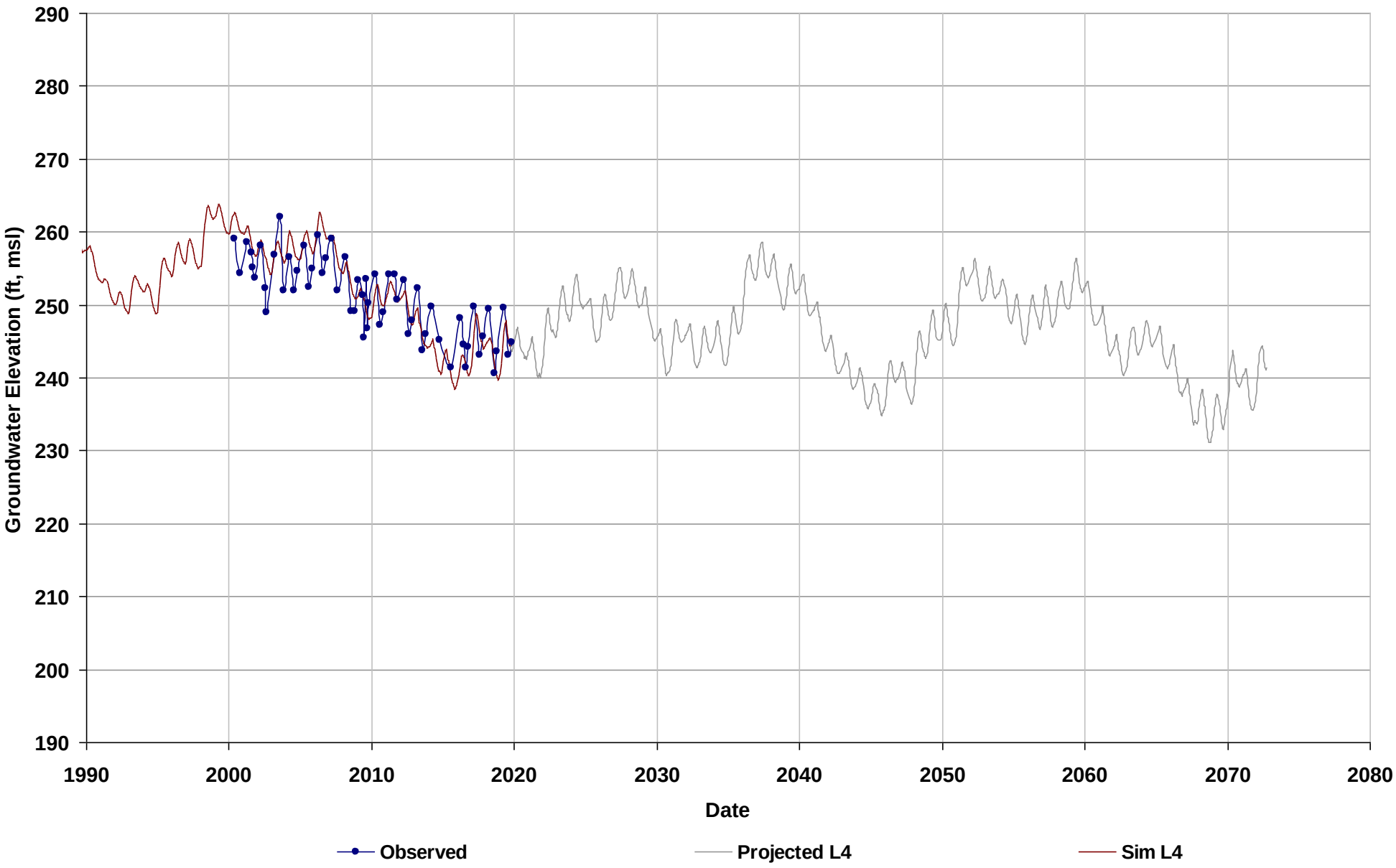
Total Depth (ft):
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use)

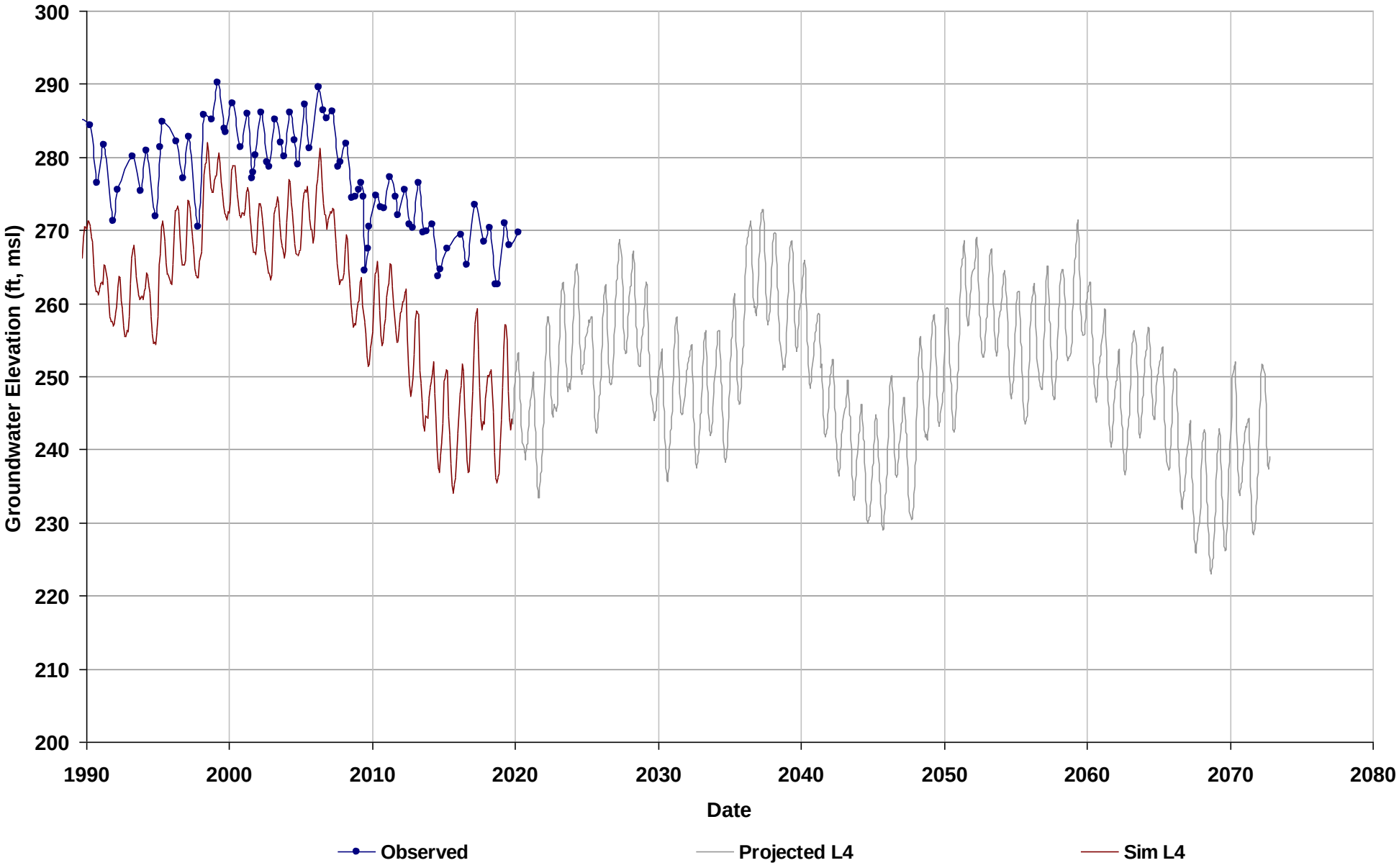
Well Name: 26N03W17B001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 309

Total Depth (ft): 180
Perf Top (ft): 160
Perf Bottom (ft): 180
Top Model Layer: 4
Bottom Model Layer: 4



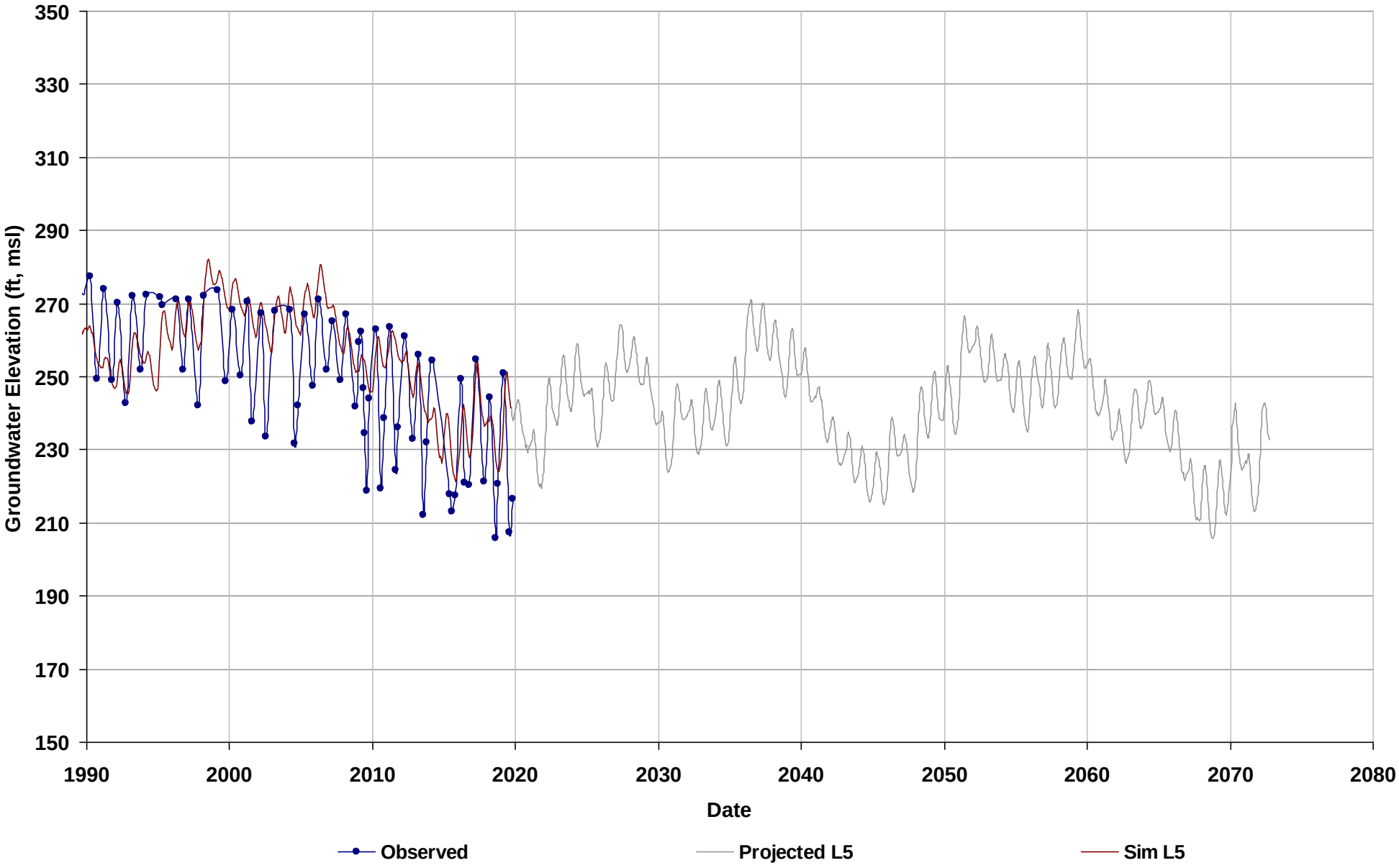
Well Name: 26N04W25J001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 333

Total Depth (ft): 128
Perf Top (ft): 116
Perf Bottom (ft): 124
Top Model Layer: 4
Bottom Model Layer: 4



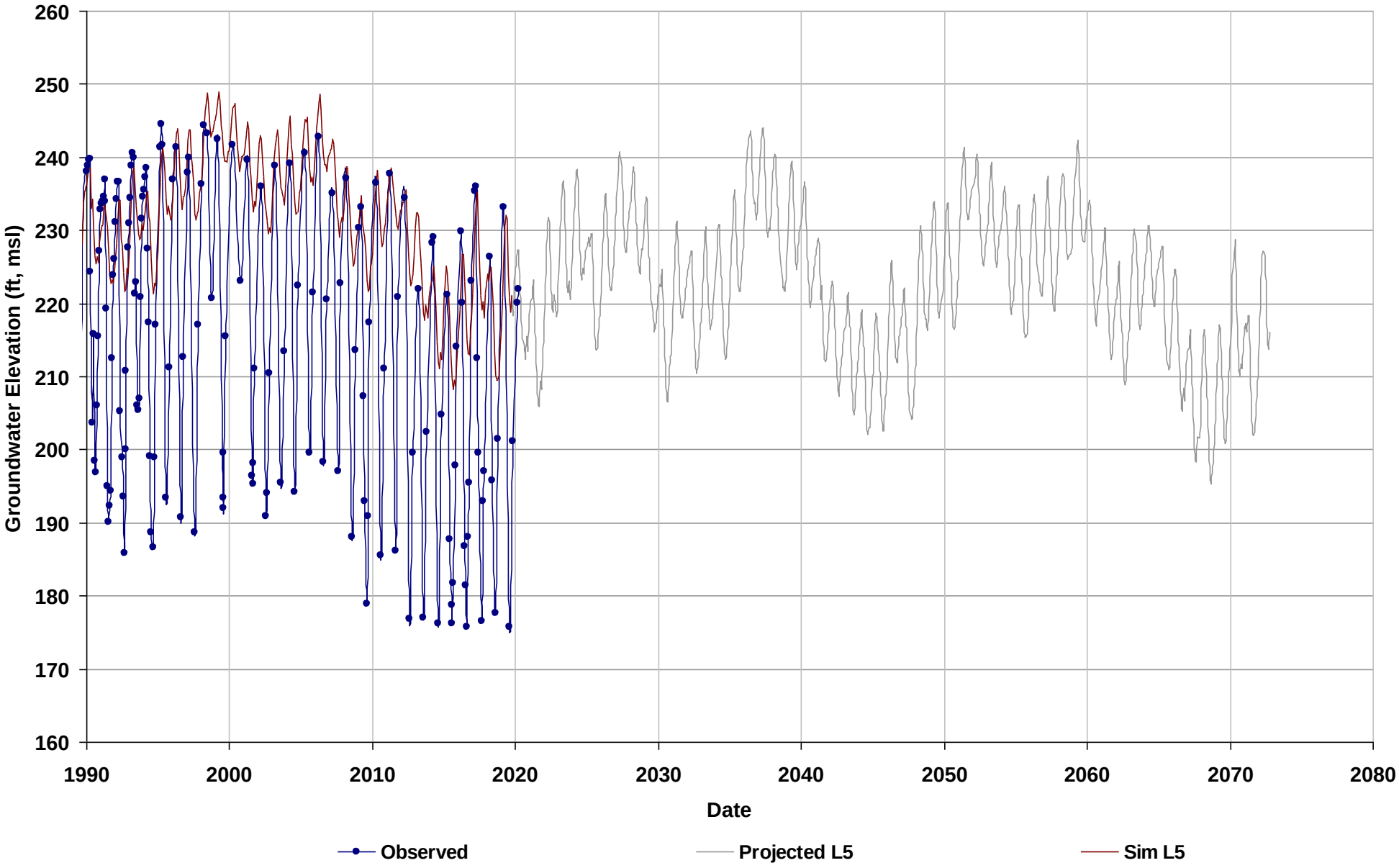
Well Name: 25N03W19N001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 327

Total Depth (ft): 370
Perf Top (ft): 135
Perf Bottom (ft): 358
Top Model Layer: 5
Bottom Model Layer: 5



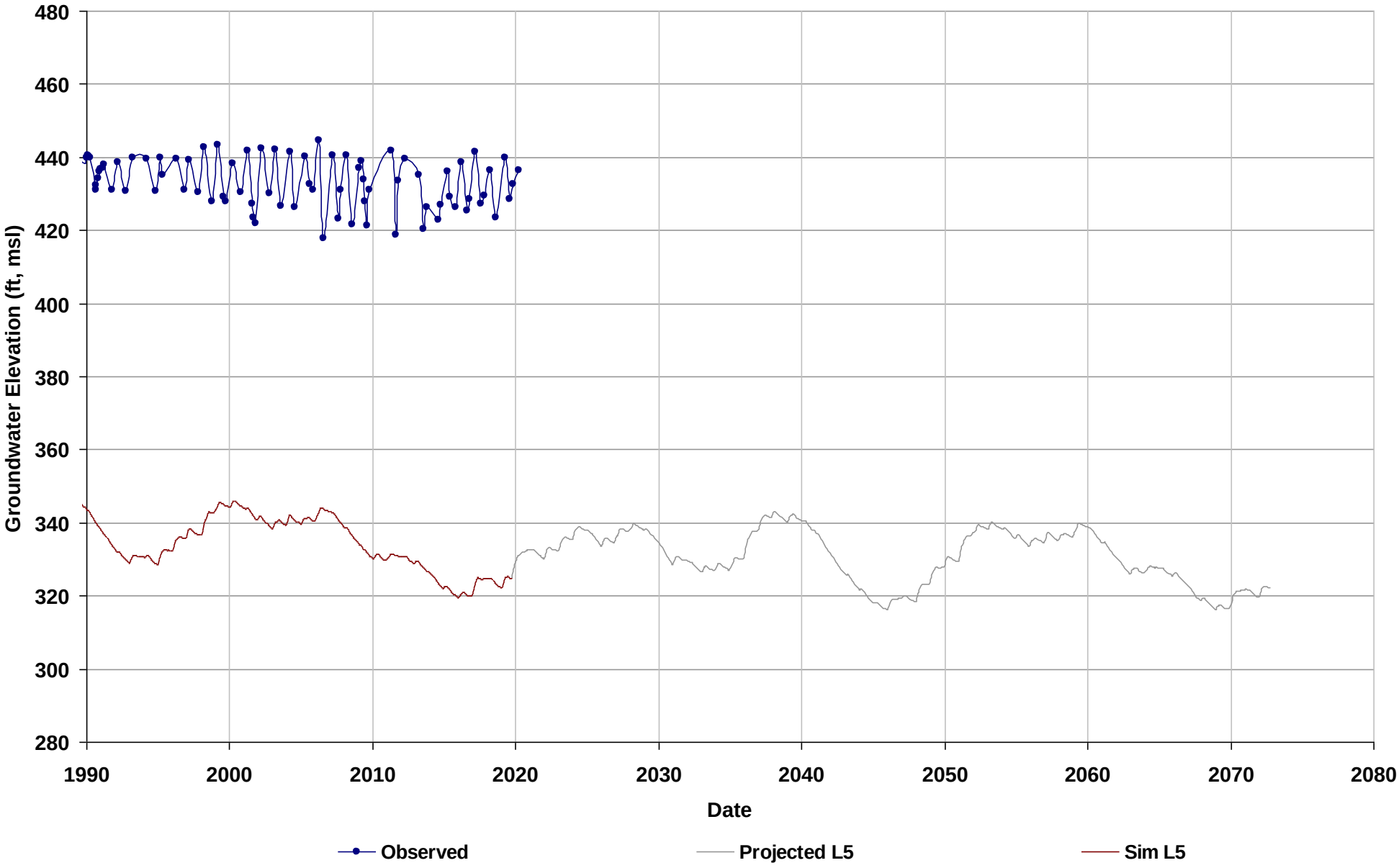
Well Name: 25N03W10L001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 276

Total Depth (ft): 400
Perf Top (ft): 251
Perf Bottom (ft): 400
Top Model Layer: 5
Bottom Model Layer: 5



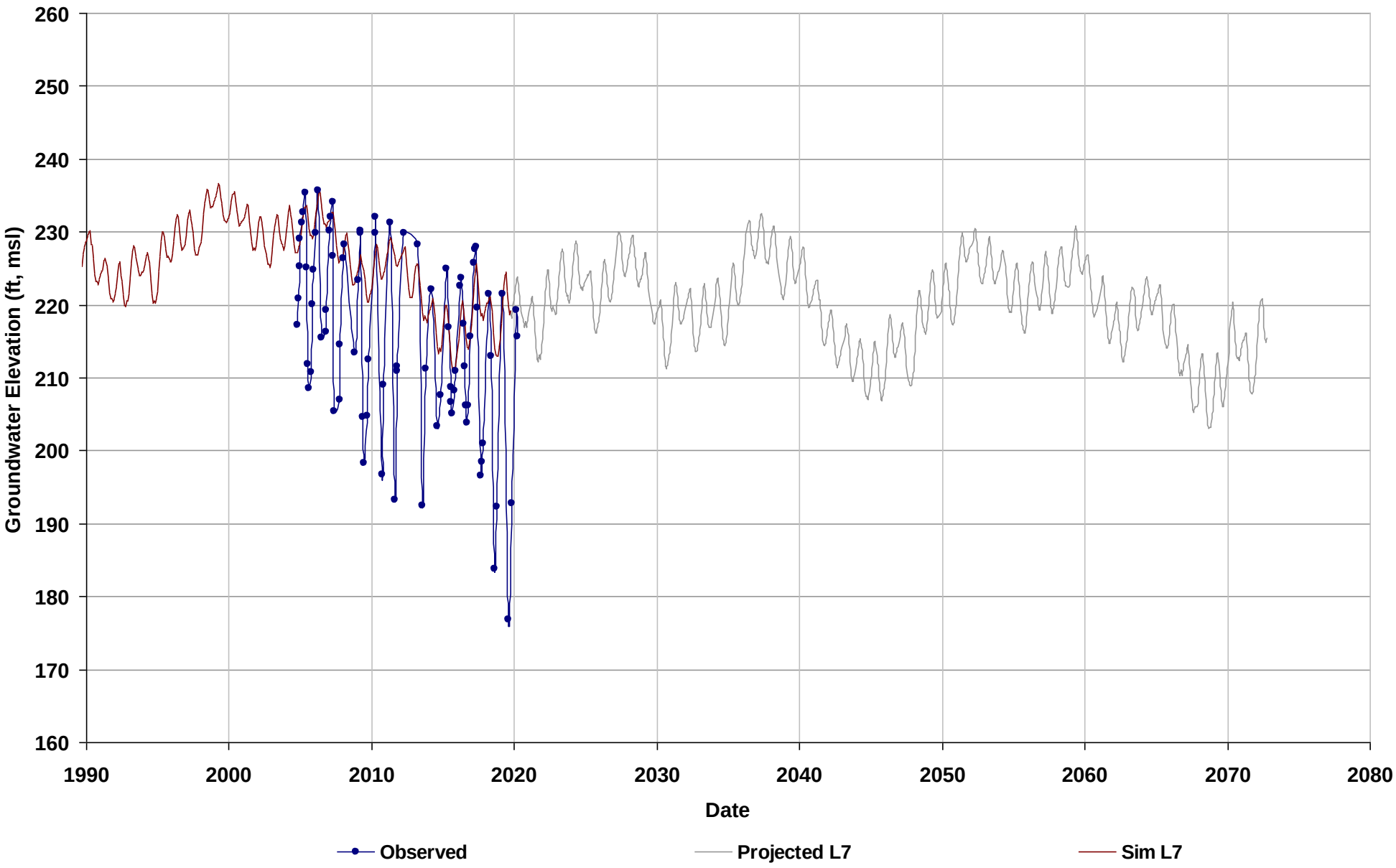
Well Name: 27N04W05G002M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 482

Total Depth (ft): 260
Perf Top (ft): 231
Perf Bottom (ft): 251
Top Model Layer: 5
Bottom Model Layer: 5



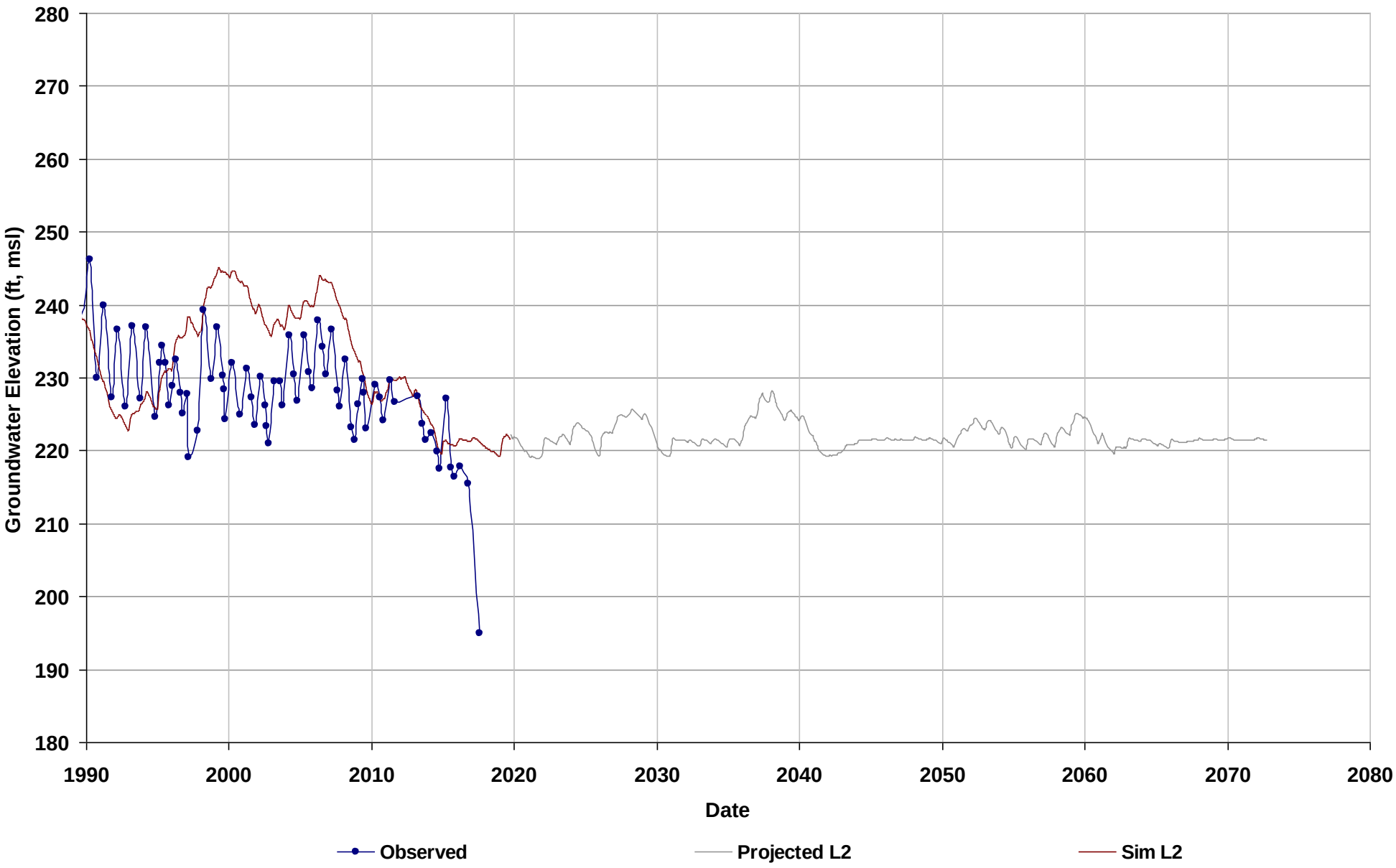
Well Name: 25N03W11B003M
Depth Zone: Lower
Subbasin: Red Bluff
GSE (ft, msl): 252

Total Depth (ft): 1000
Perf Top (ft): 940
Perf Bottom (ft): 960
Top Model Layer: 7
Bottom Model Layer: 7



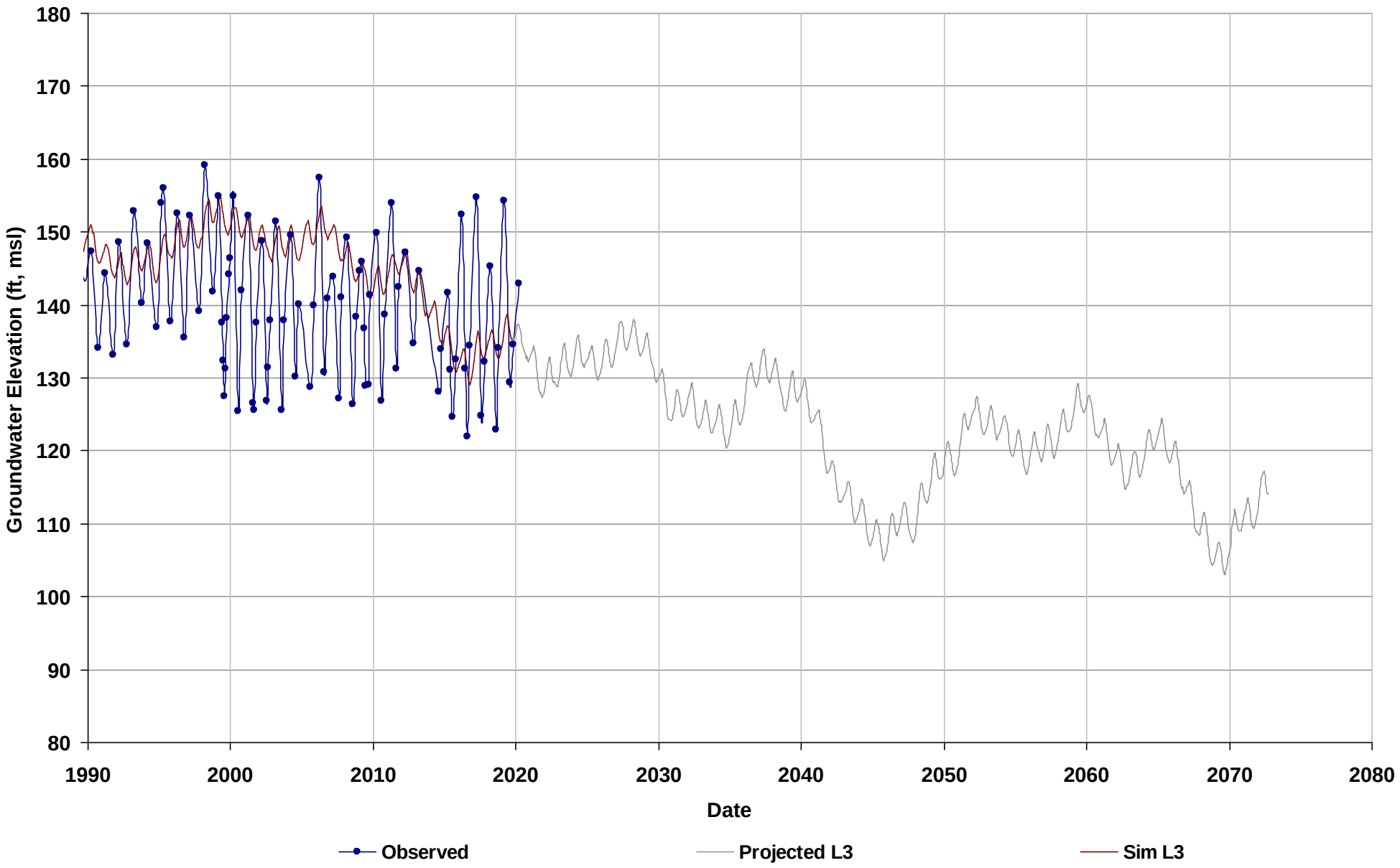
Well Name: 23N03W05G001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 279

Total Depth (ft): 70
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



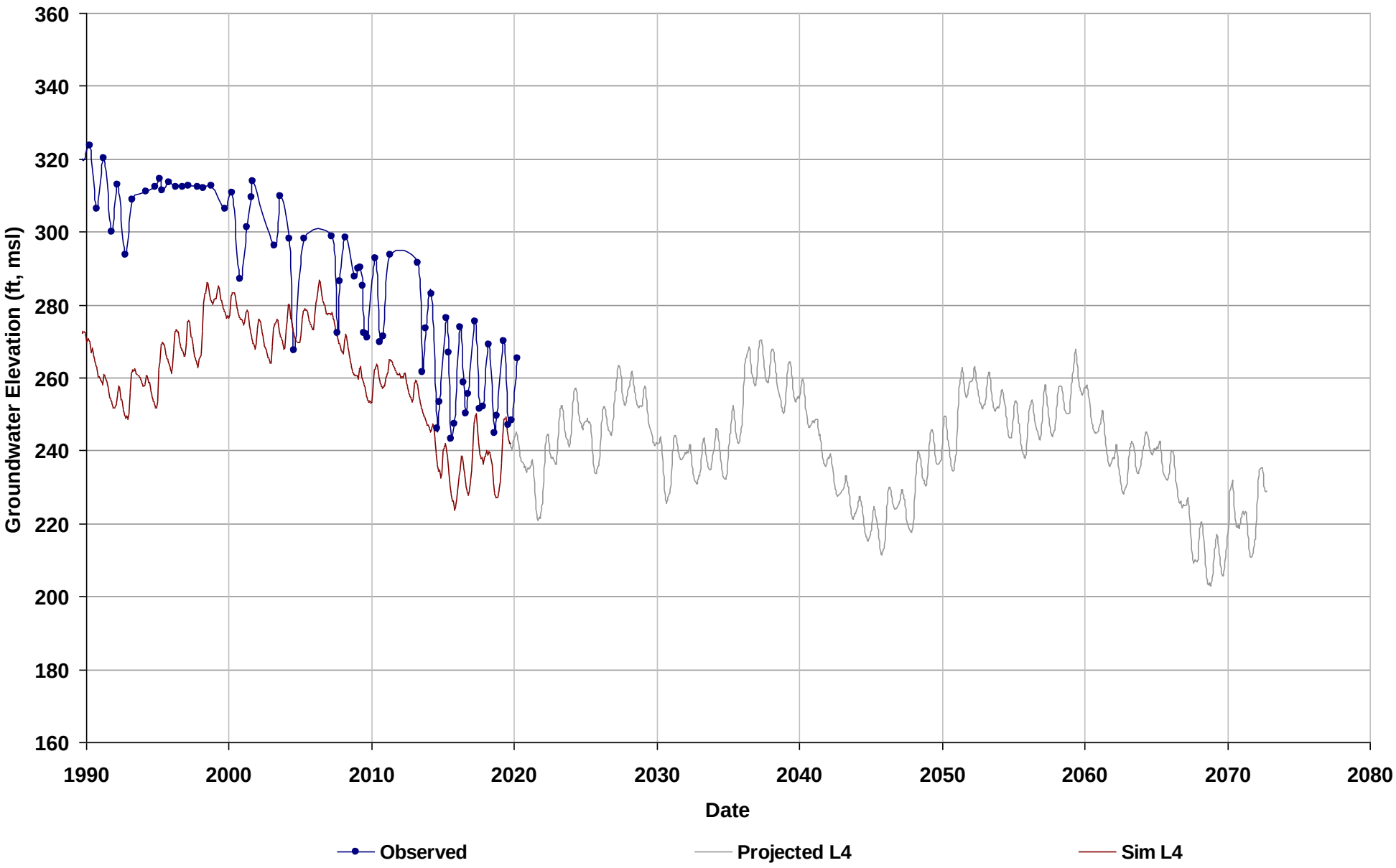
Well Name: 23N02W34A001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 172

Total Depth (ft): 130
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Well Name: 24N04W14N002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 375

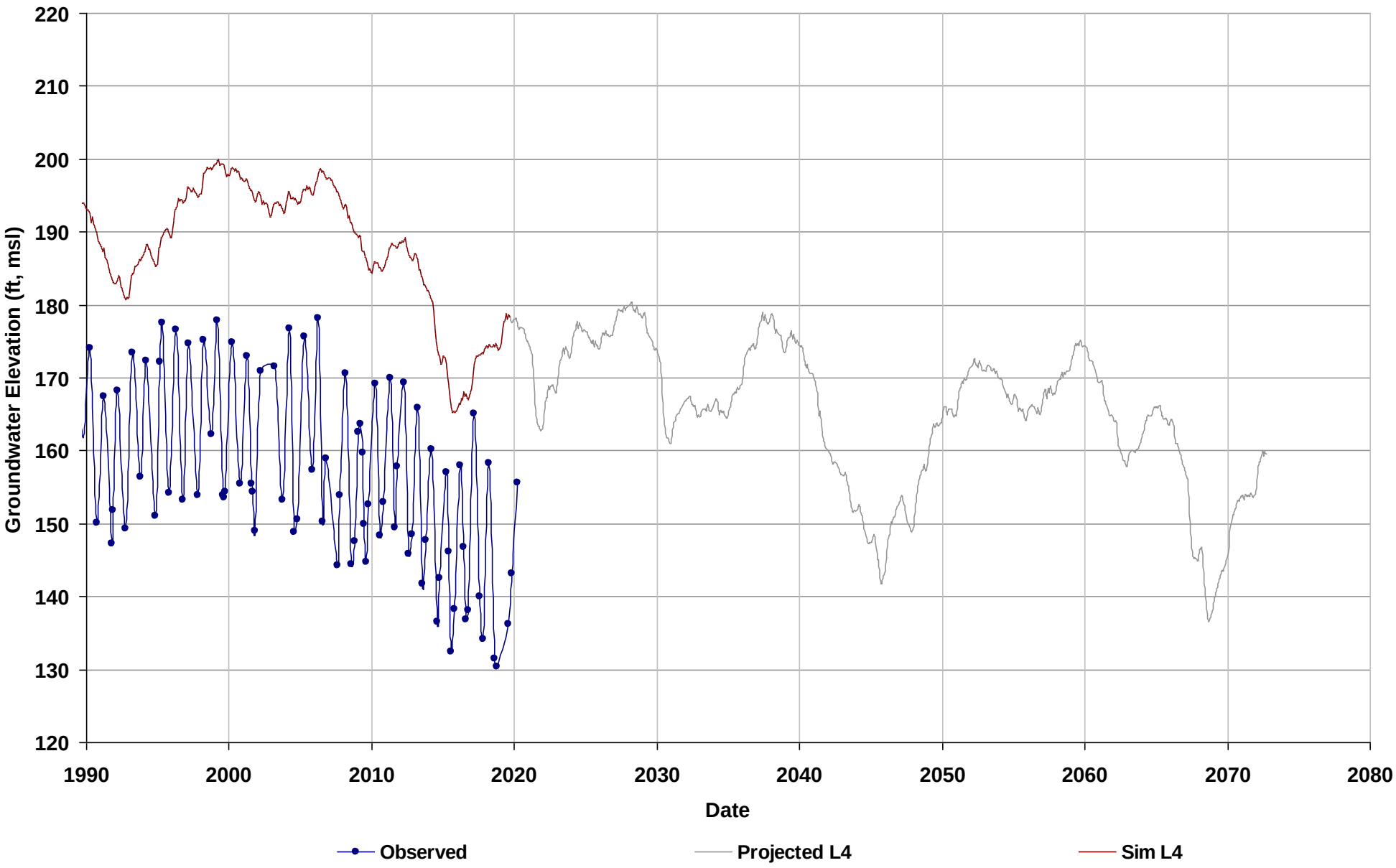
Total Depth (ft): 180
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

Well Name: 23N03W24A002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 207

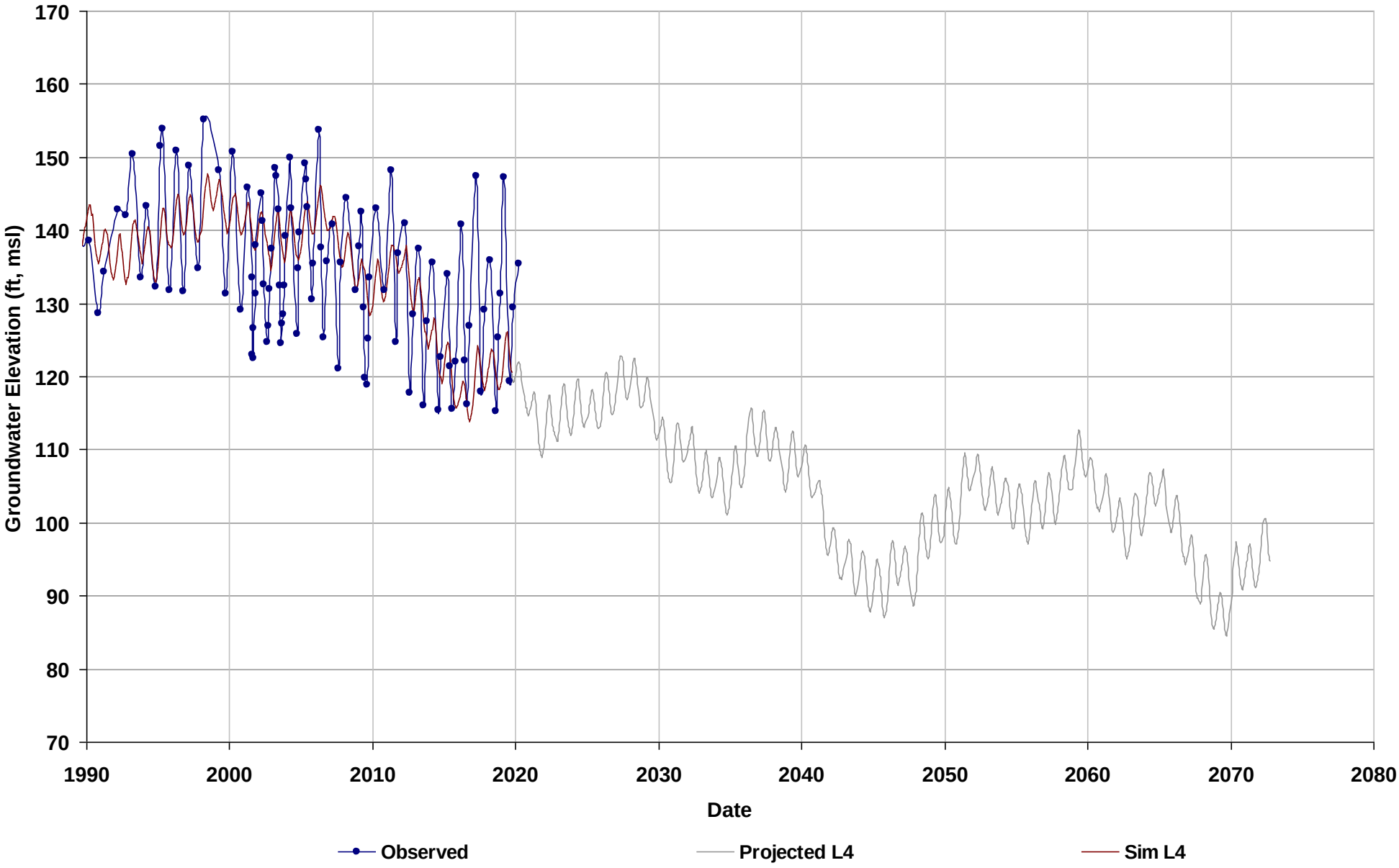
Total Depth (ft): 200
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

Well Name: 22N02W11Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 166

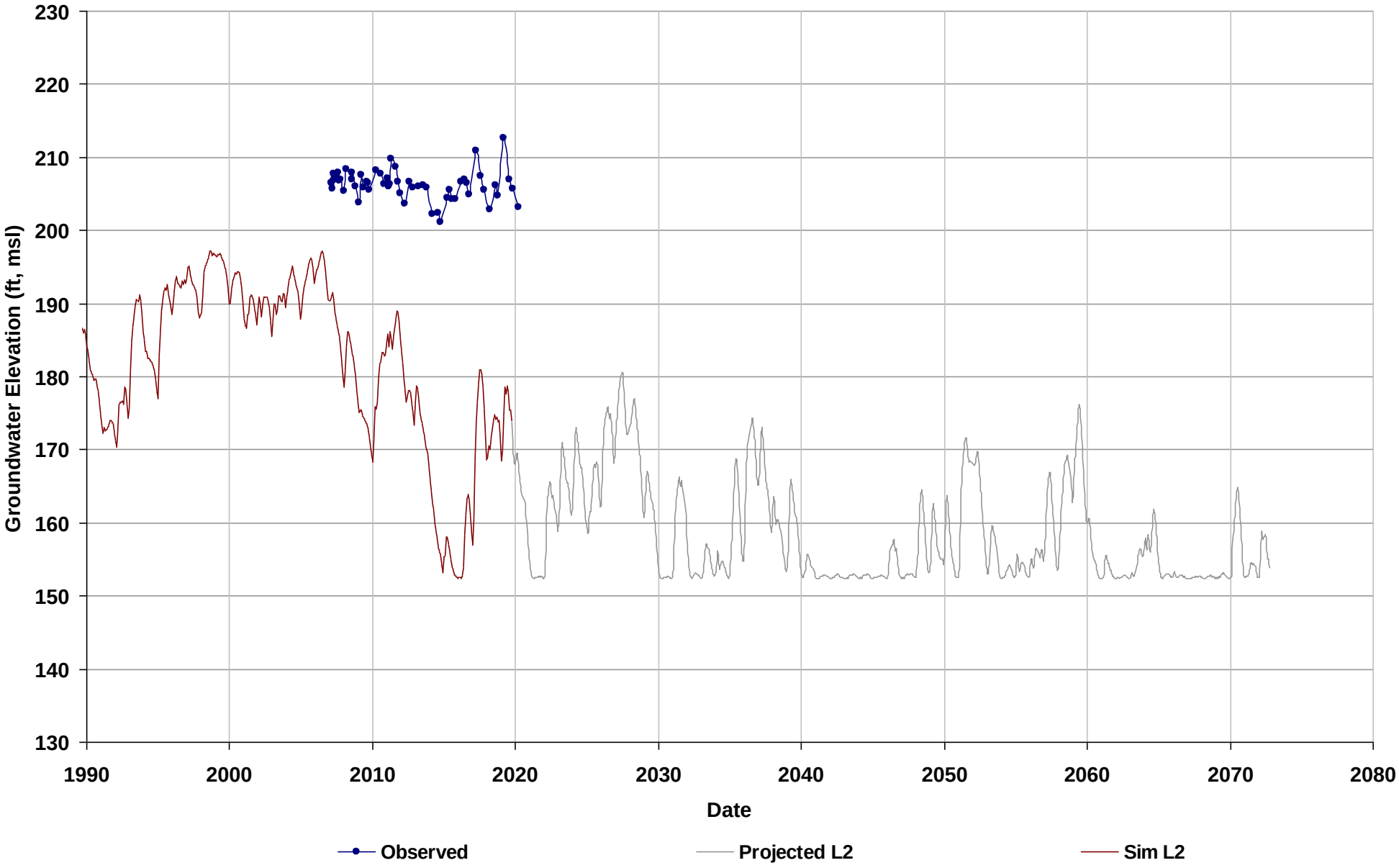
Total Depth (ft):
Perf Top (ft): 12
Perf Bottom (ft): 239
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

Well Name: 22N02W18C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

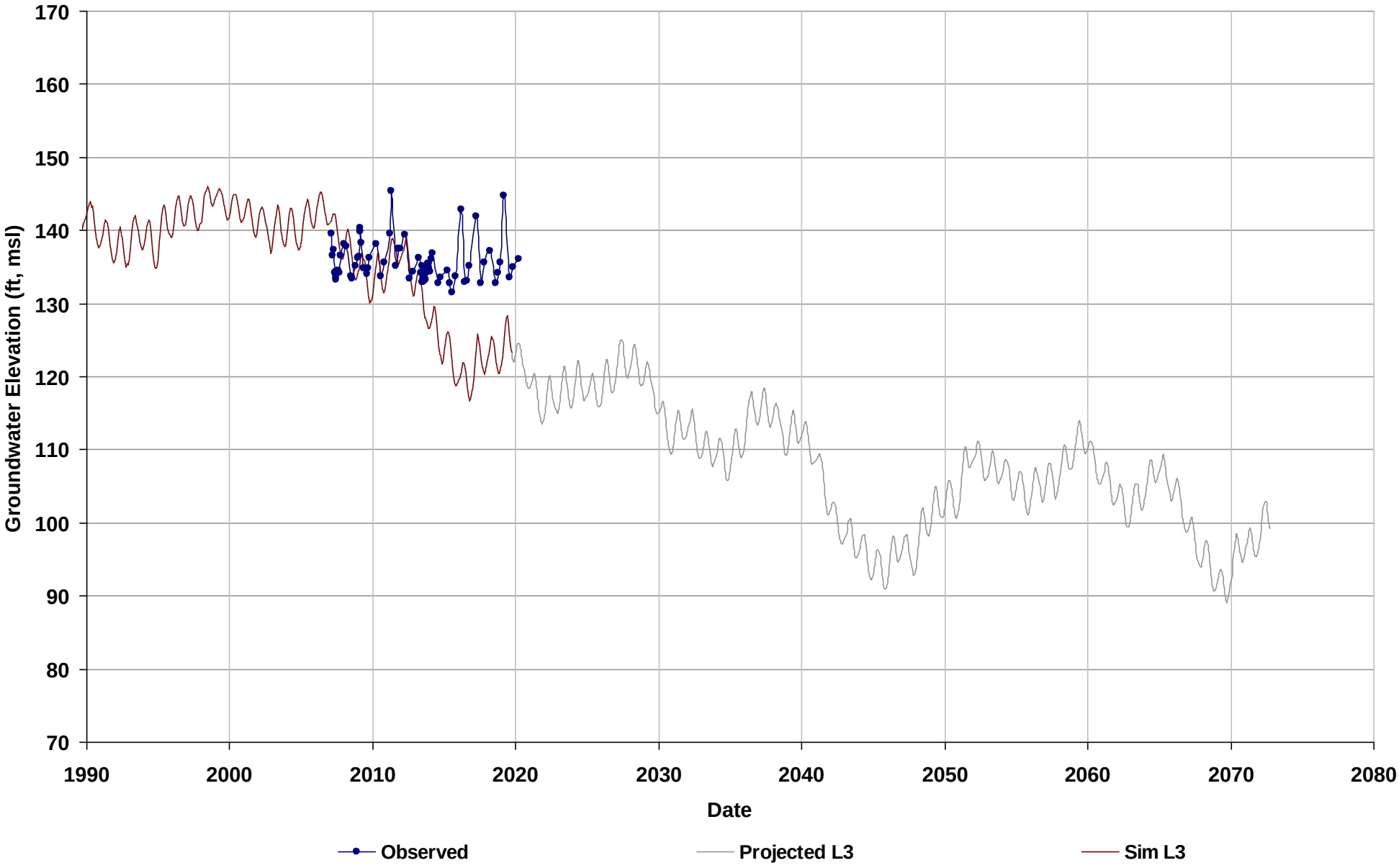
Total Depth (ft): 90
Perf Top (ft): 55
Perf Bottom (ft): 65
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use)

Well Name: 22N02W01N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

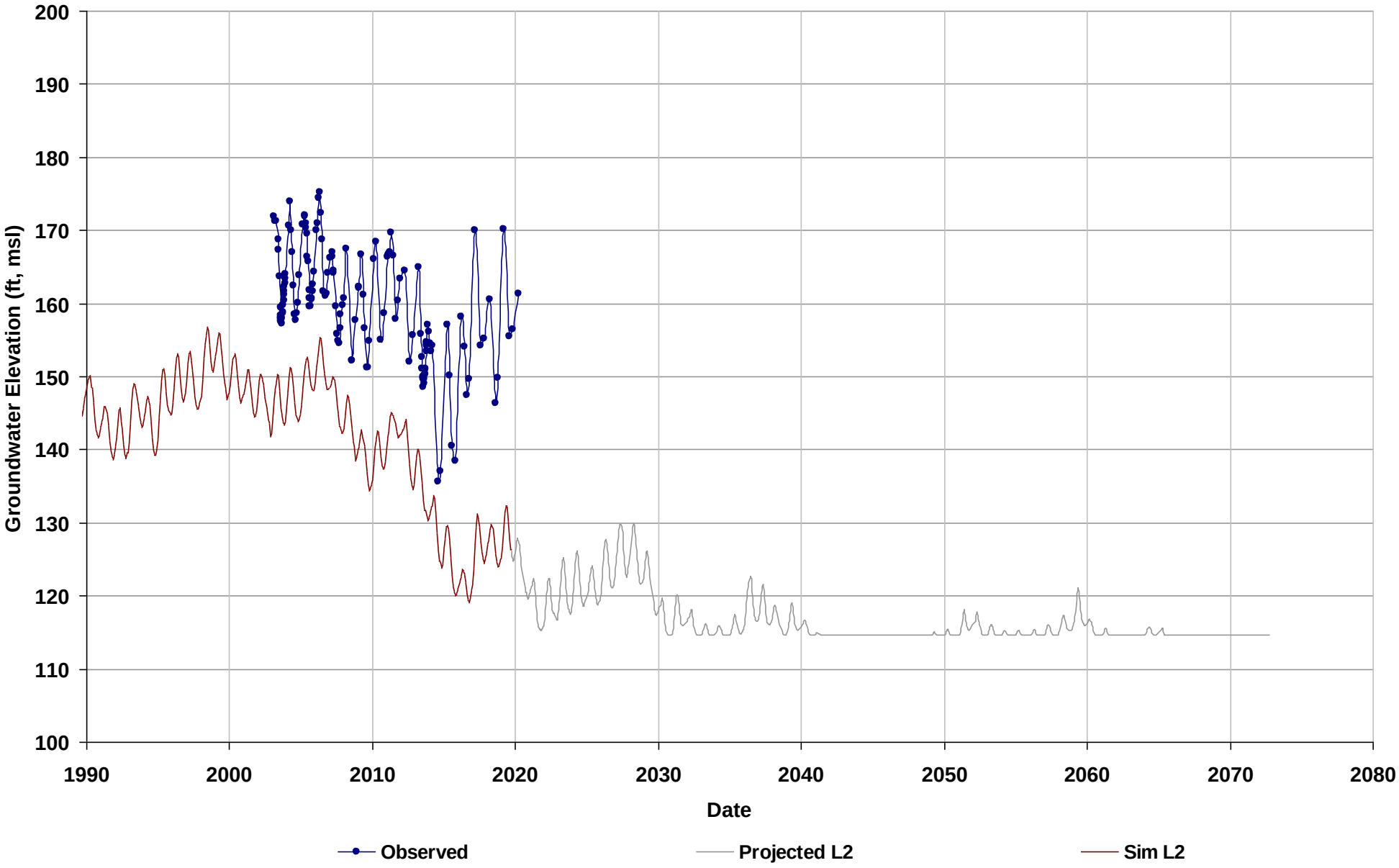
Total Depth (ft): 108
Perf Top (ft): 70
Perf Bottom (ft): 80
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use)

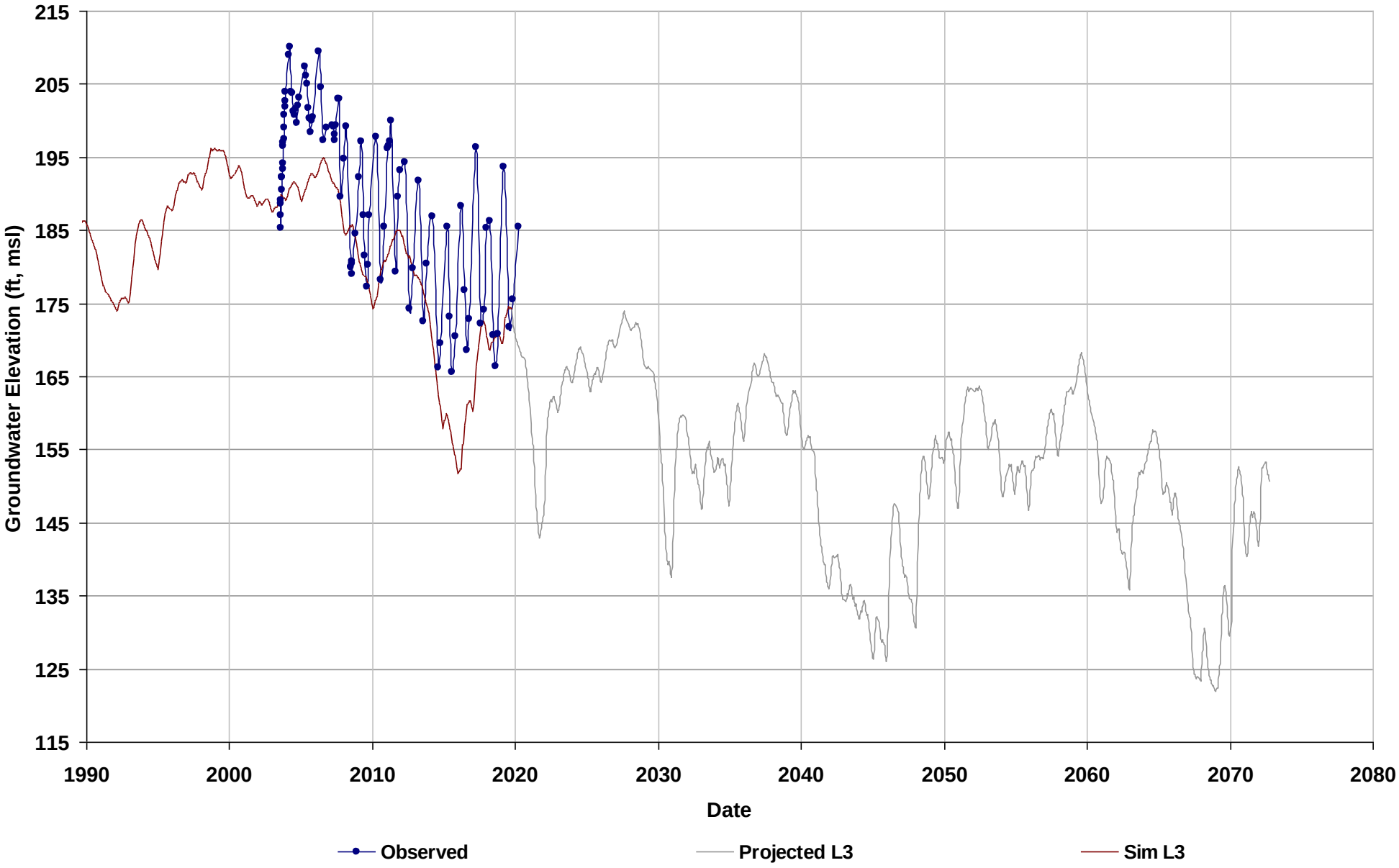
Well Name: 22N02W15C005M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 100
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 2
Bottom Model Layer: 2



Well Name: 22N03W01R003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

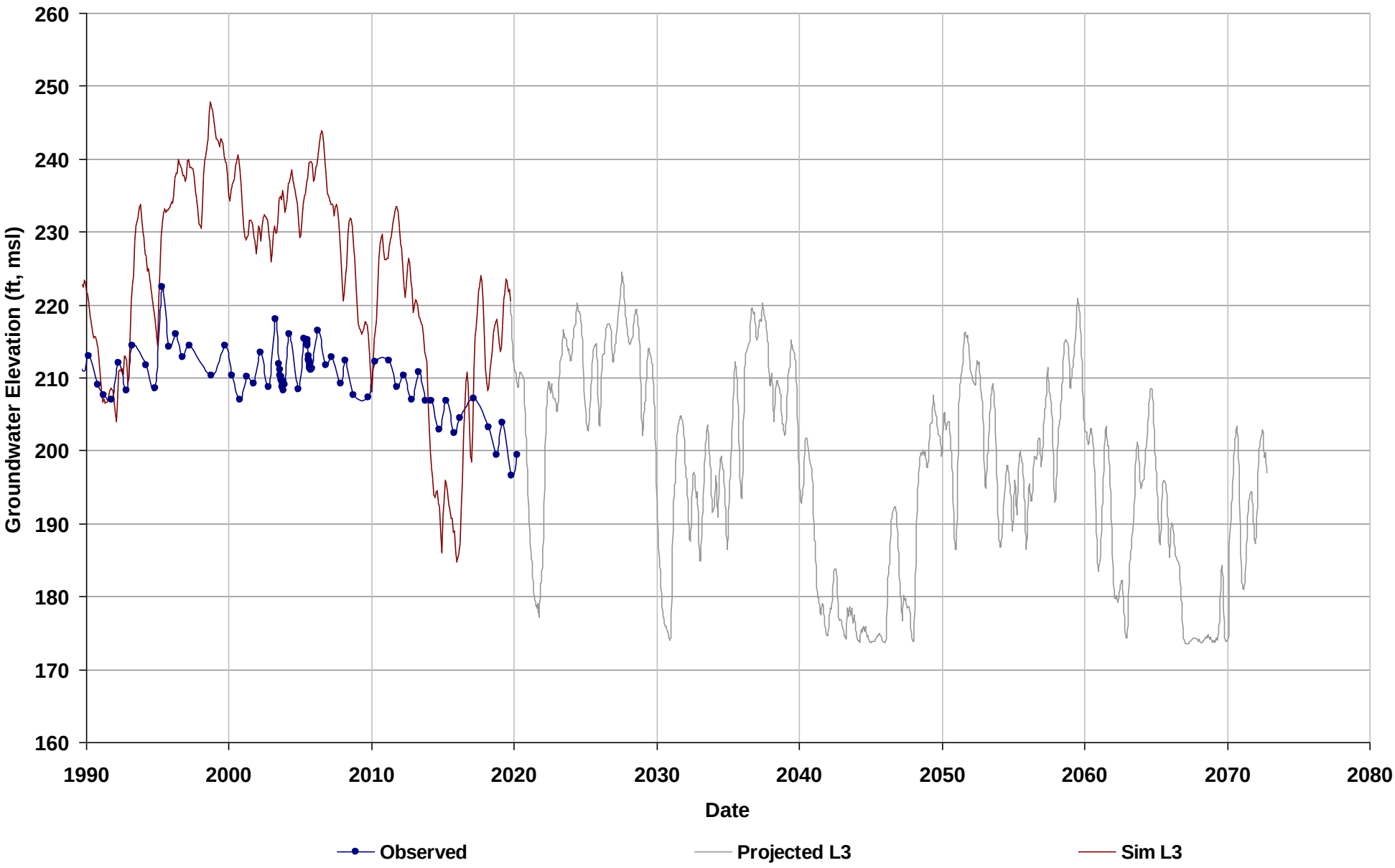
Total Depth (ft): 103
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use)

Well Name: 22N03W04E001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 285

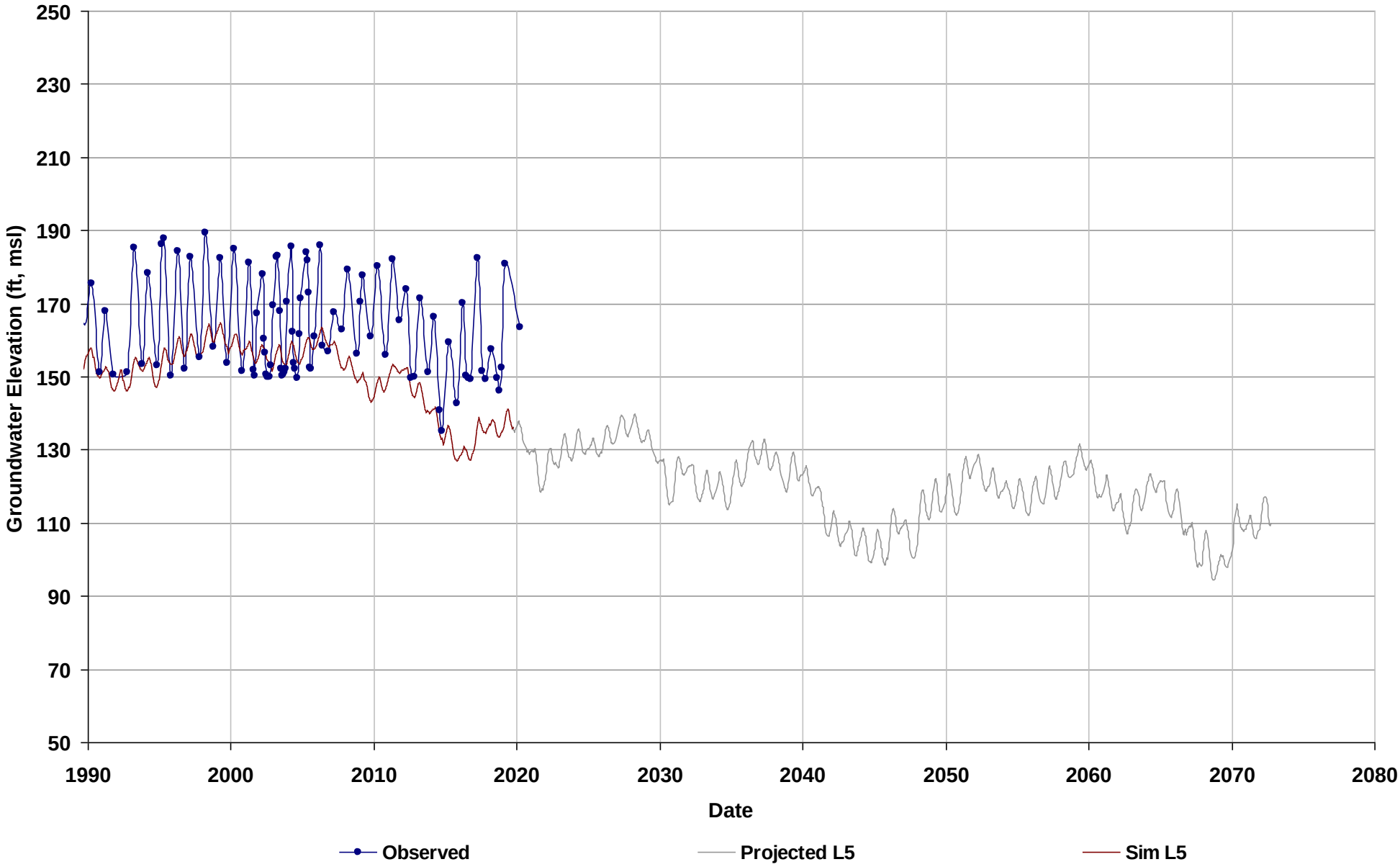
Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 180
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use)

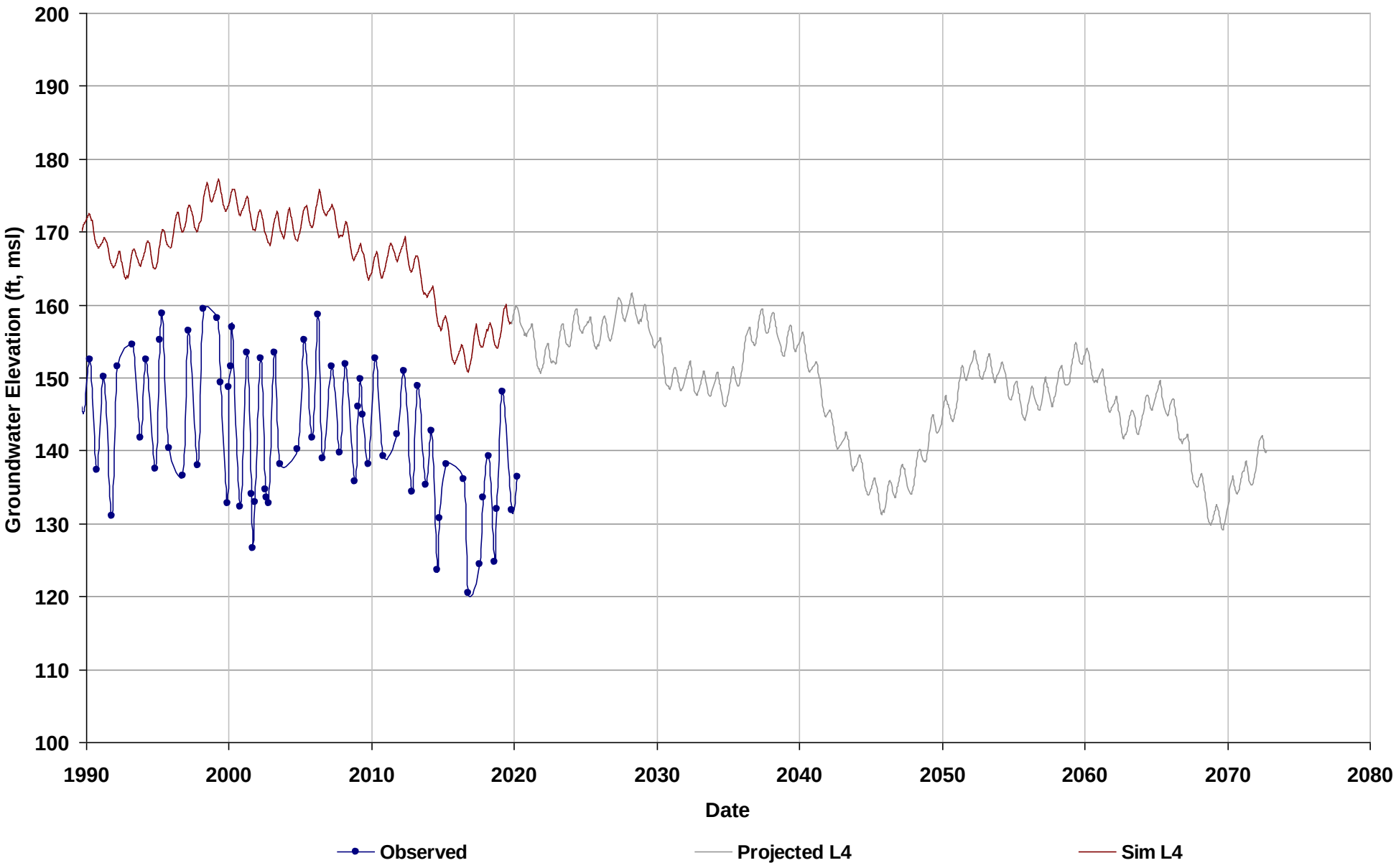
Well Name: 22N02W09L003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 197

Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 536
Top Model Layer: 5
Bottom Model Layer: 5



Well Name: 23N02W16B001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 184

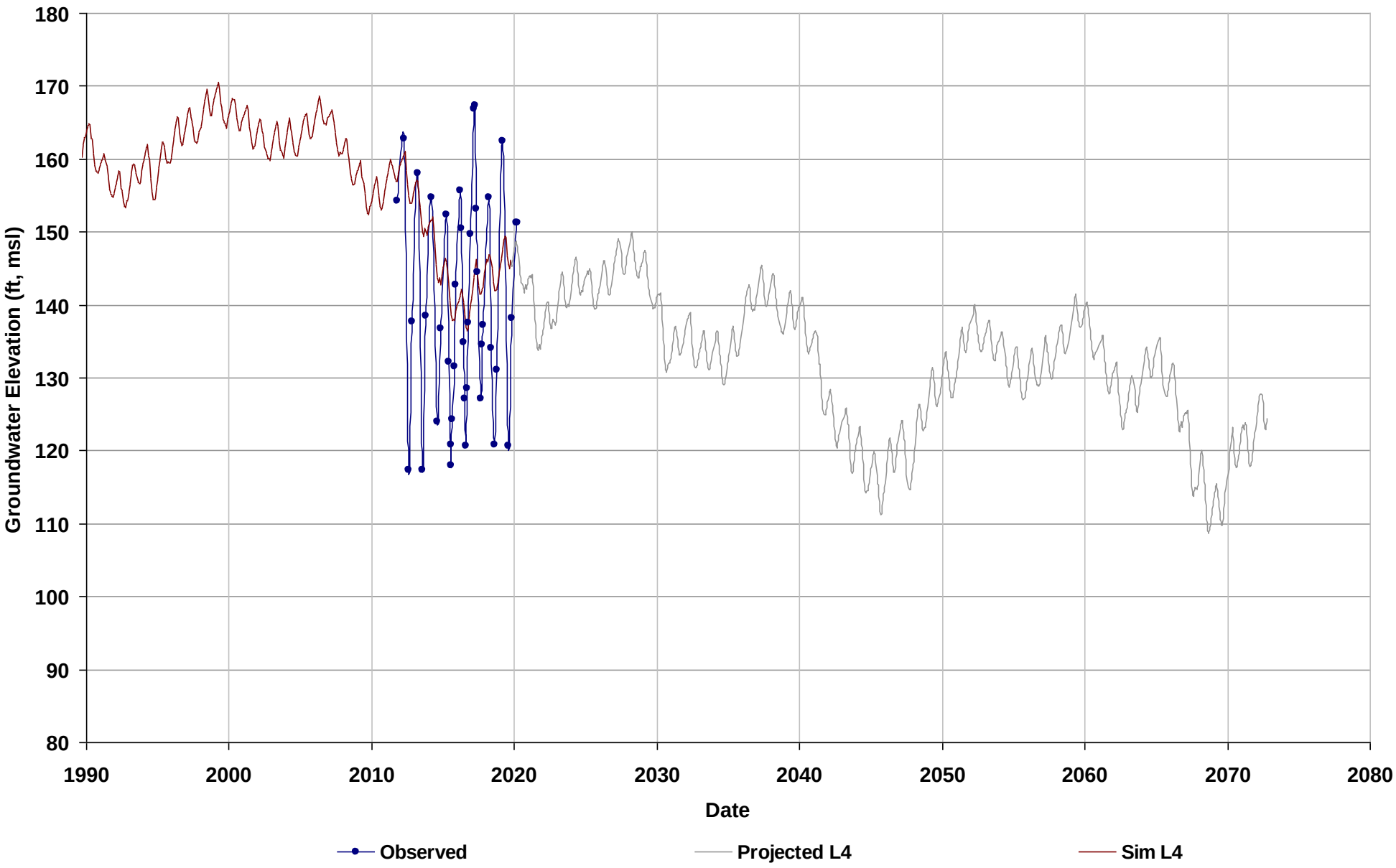
Total Depth (ft): 120
Perf Top (ft): 100
Perf Bottom (ft): 120
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

Well Name: 23N02W28N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 202

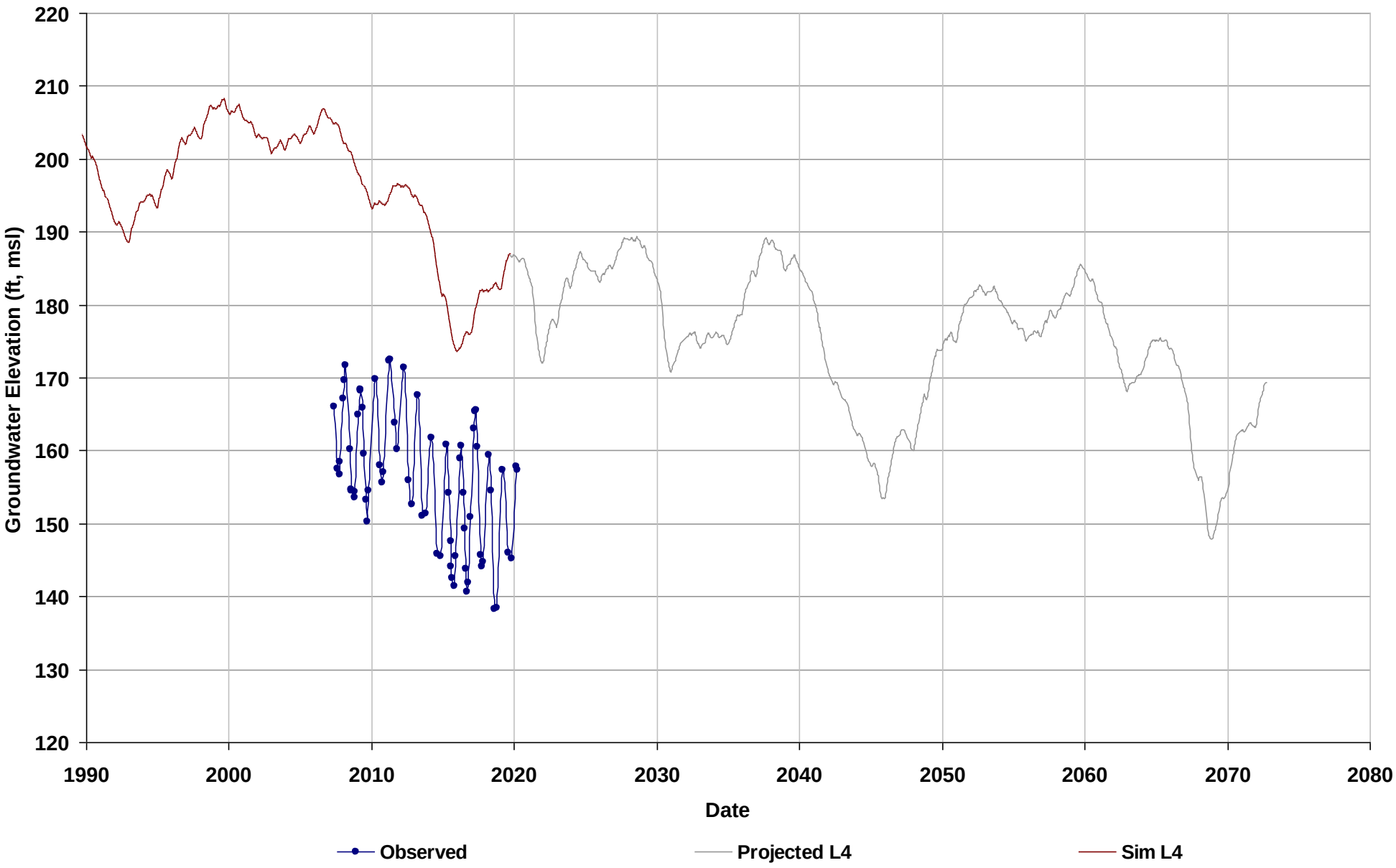
Total Depth (ft): 205
Perf Top (ft): 100
Perf Bottom (ft): 170
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

Well Name: 23N03W13C006M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 213

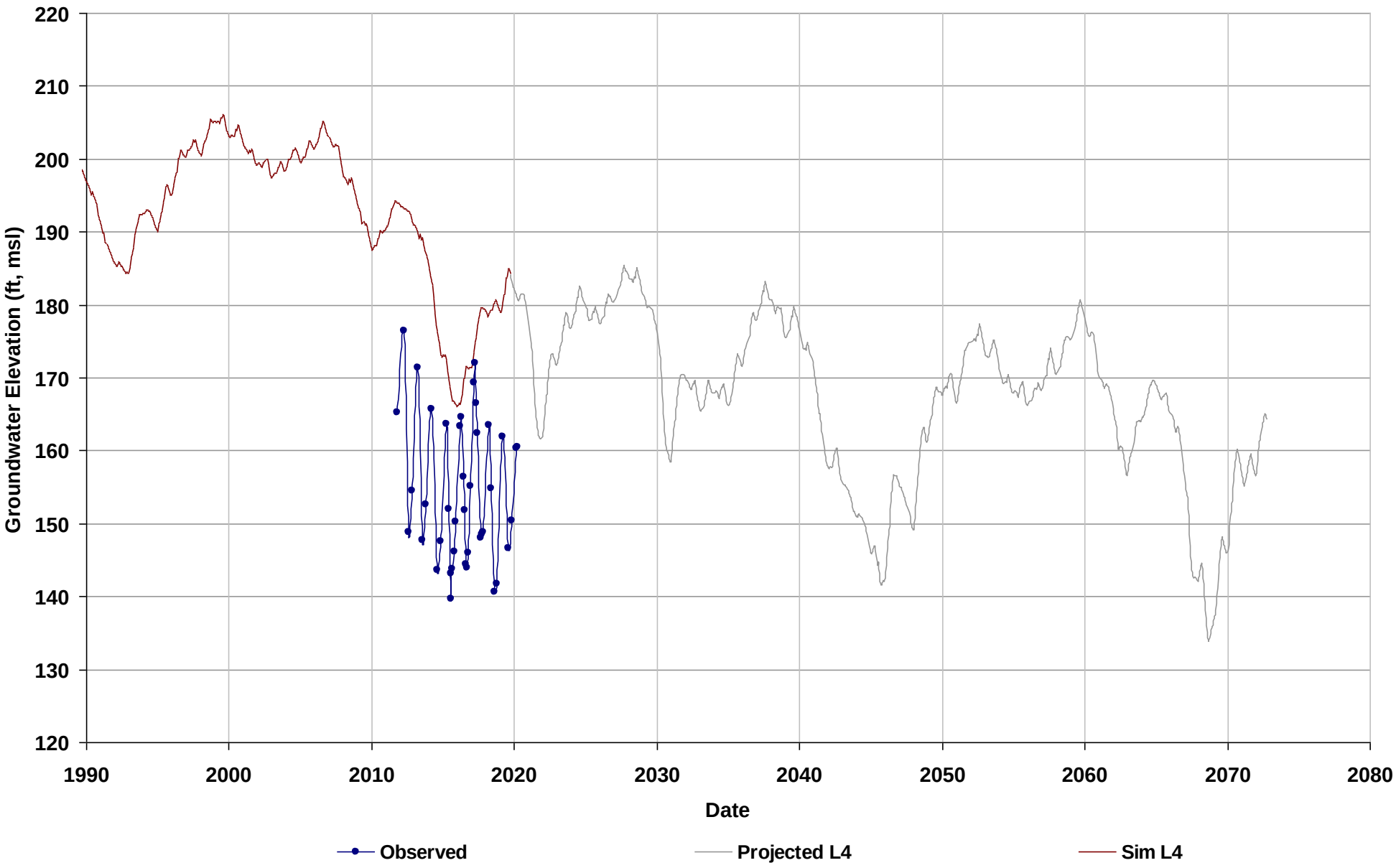
Total Depth (ft): 182
Perf Top (ft): 95
Perf Bottom (ft): 135
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

Well Name: 23N03W25M004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 235

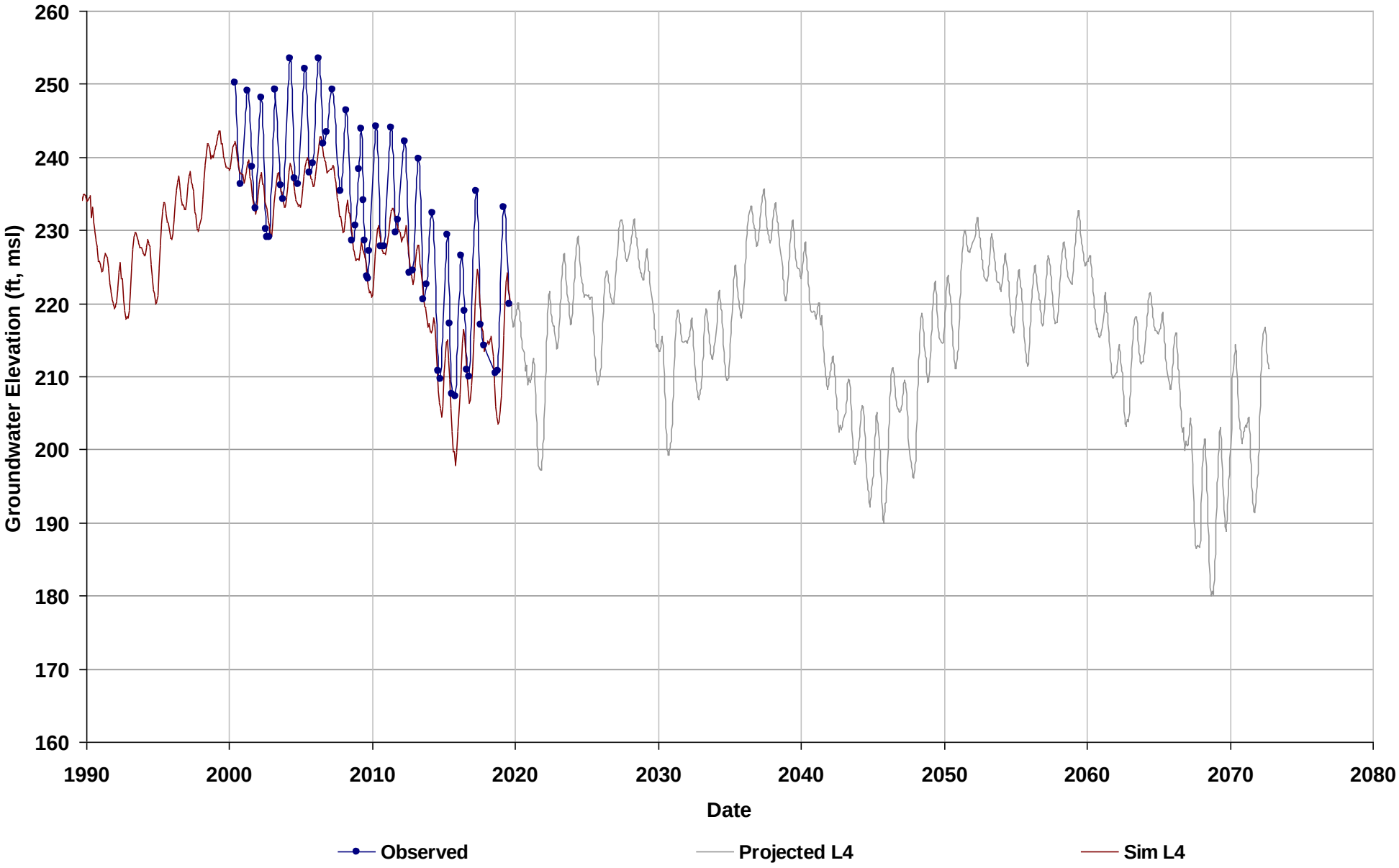
Total Depth (ft): 155
Perf Top (ft): 120
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

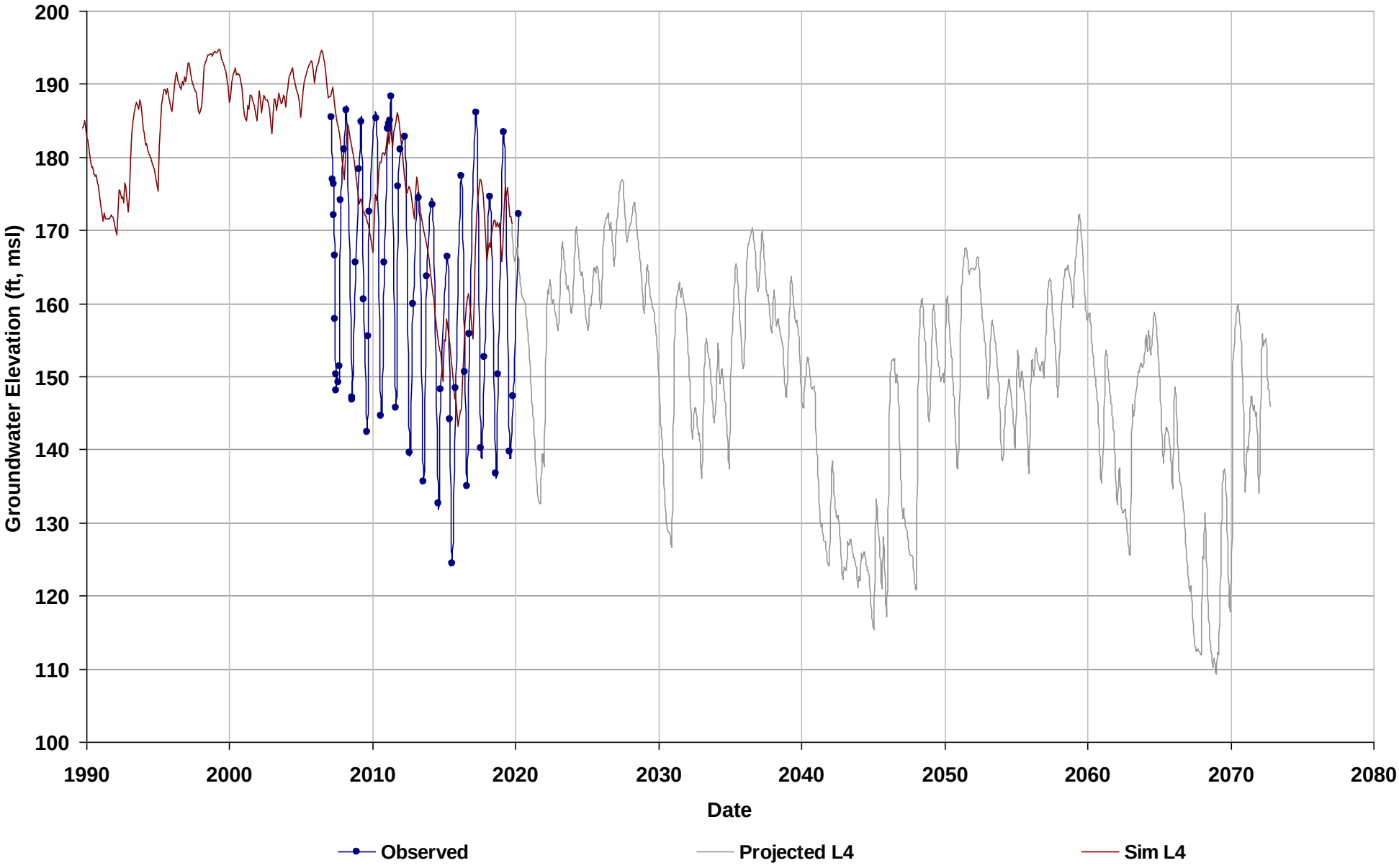
Well Name: 24N03W03R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 278

Total Depth (ft): 132
Perf Top (ft): 112
Perf Bottom (ft): 132
Top Model Layer: 4
Bottom Model Layer: 4



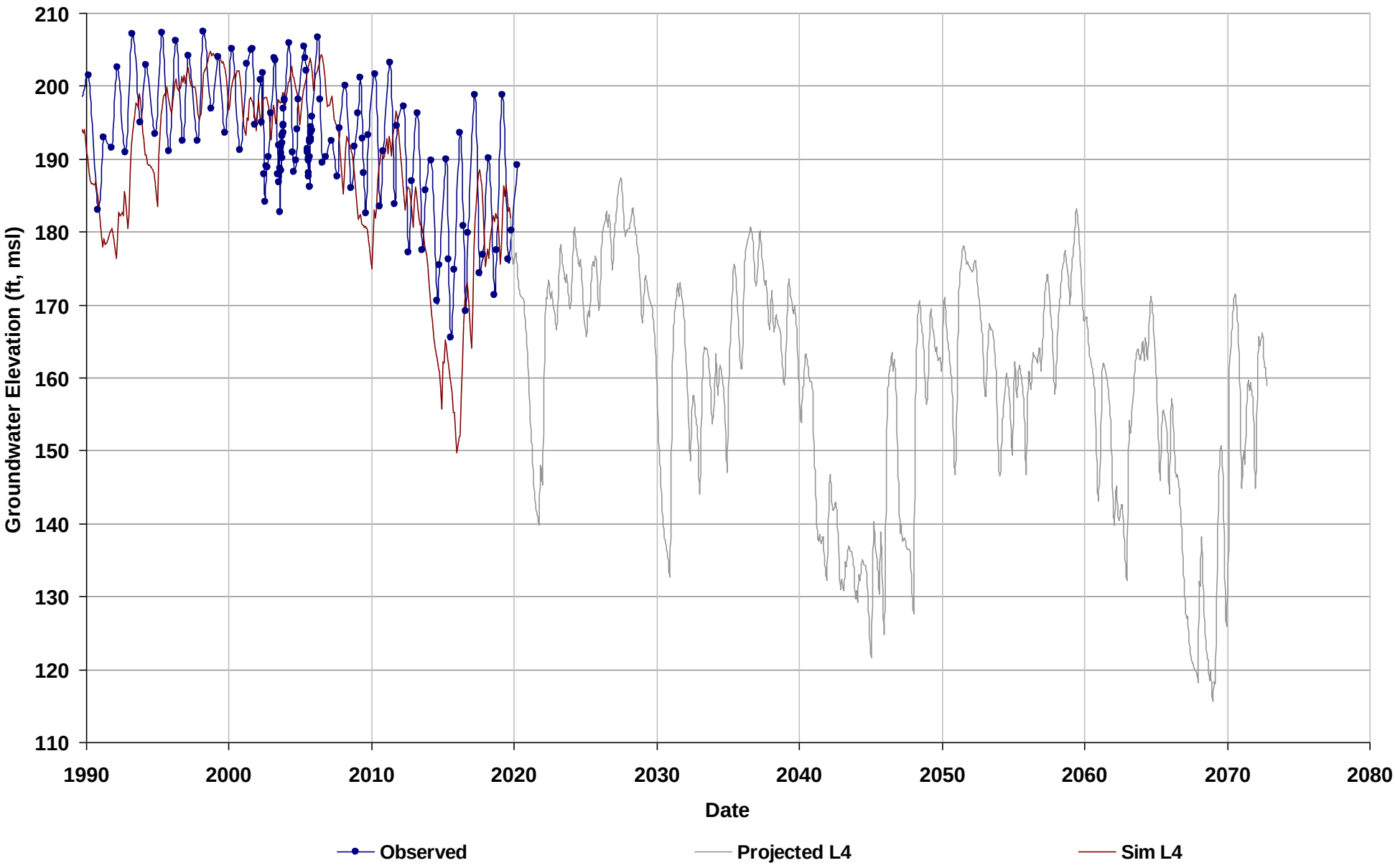
Well Name: 22N02W18C003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 188
Perf Top (ft): 165
Perf Bottom (ft): 175
Top Model Layer: 4
Bottom Model Layer: 4



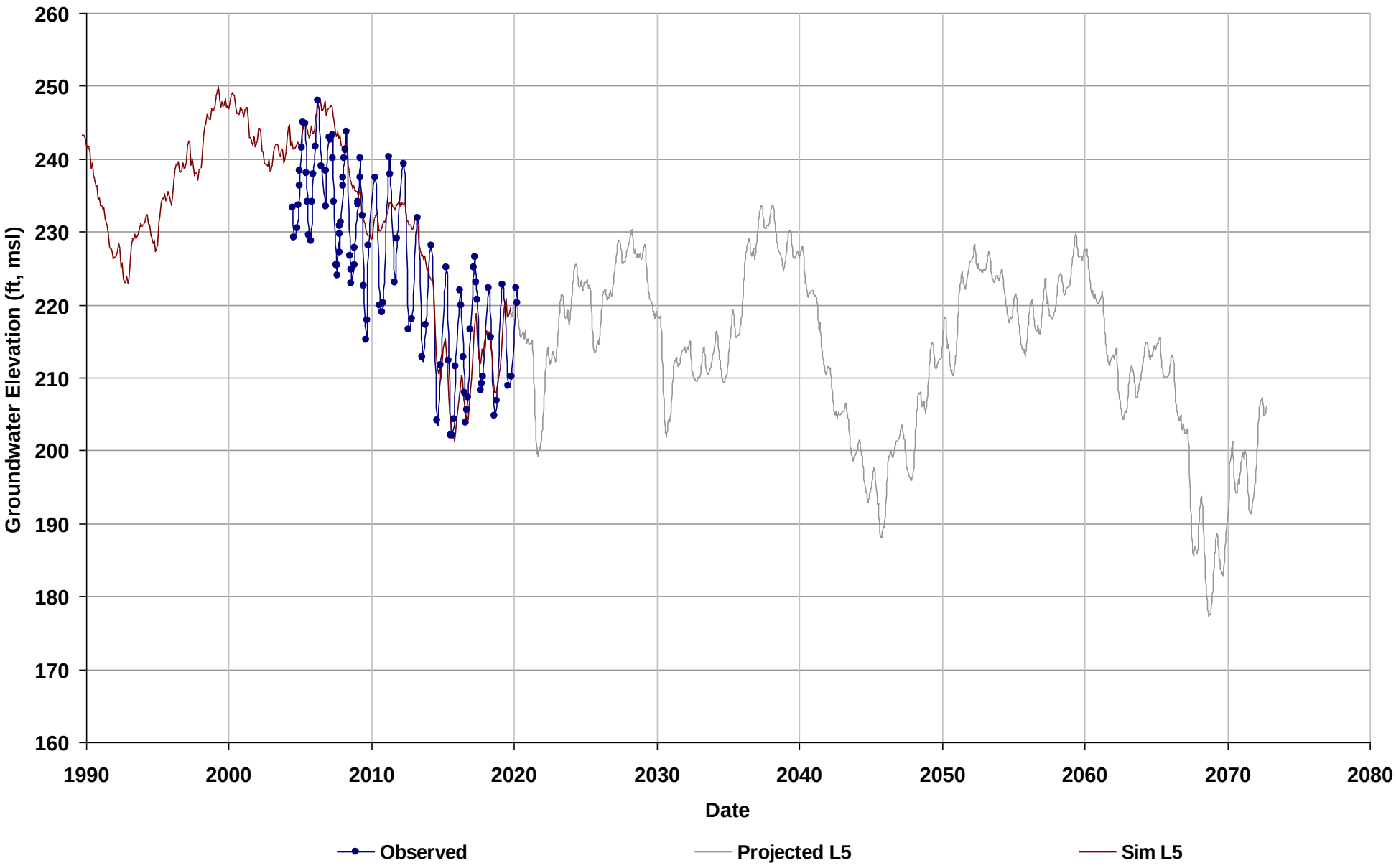
Well Name: 22N03W12Q003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 232

Total Depth (ft):
Perf Top (ft): 112
Perf Bottom (ft): 123
Top Model Layer: 4
Bottom Model Layer: 4



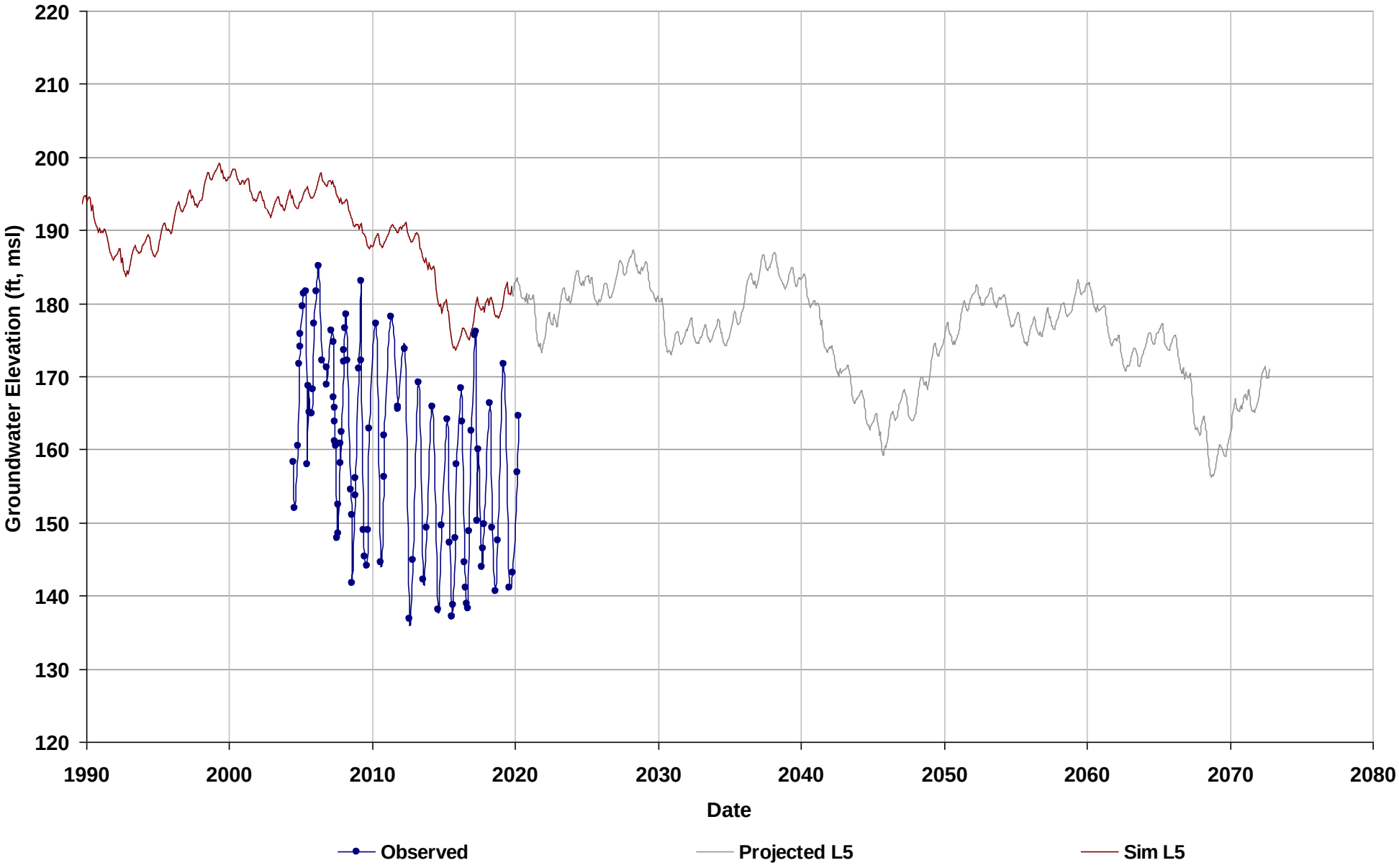
Well Name: 24N03W29Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 314

Total Depth (ft): 372
Perf Top (ft): 130
Perf Bottom (ft): 360
Top Model Layer: 5
Bottom Model Layer: 5



Well Name: 24N02W29N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 212

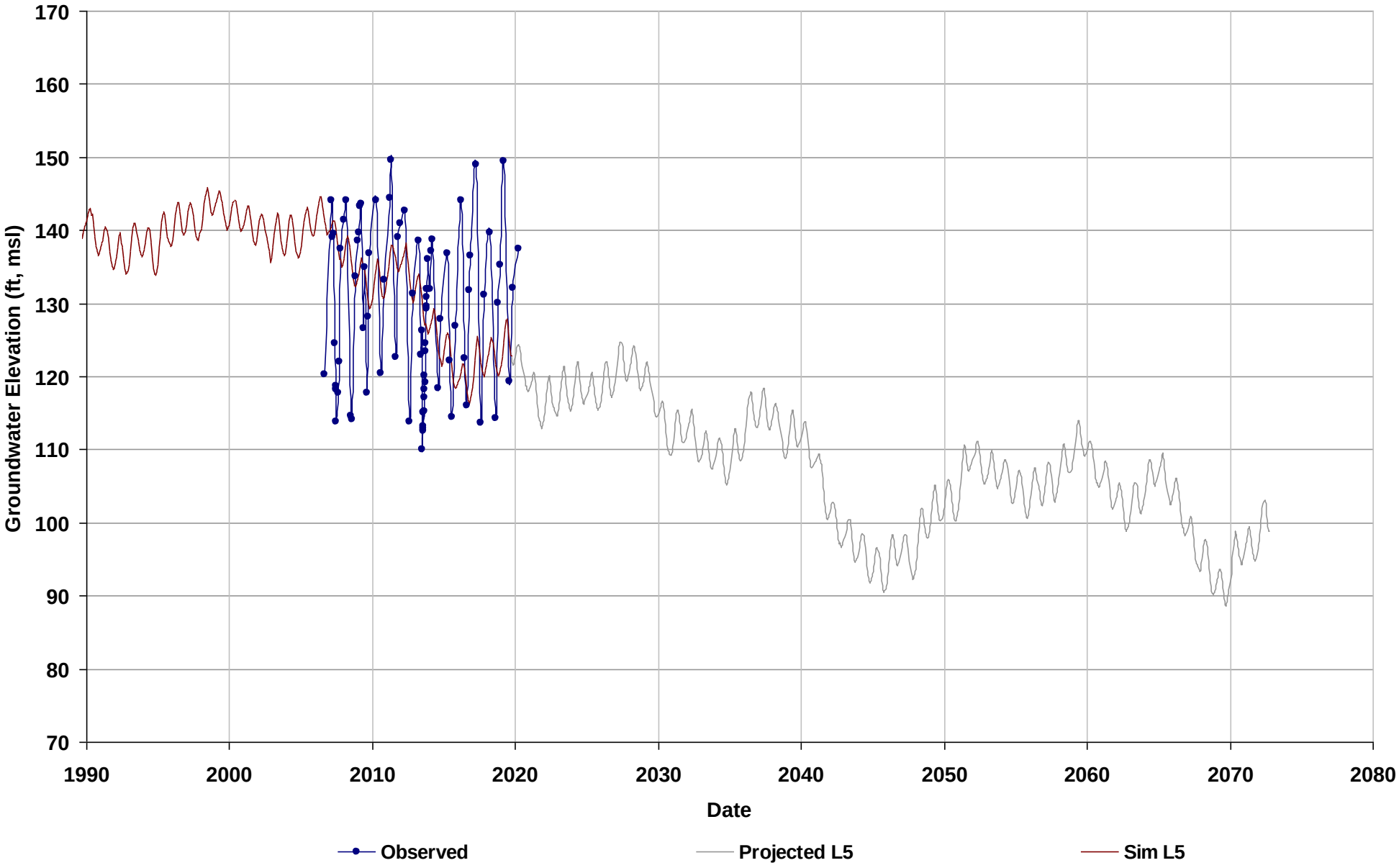
Total Depth (ft): 388
Perf Top (ft): 200
Perf Bottom (ft): 290
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use)

Well Name: 22N02W01N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

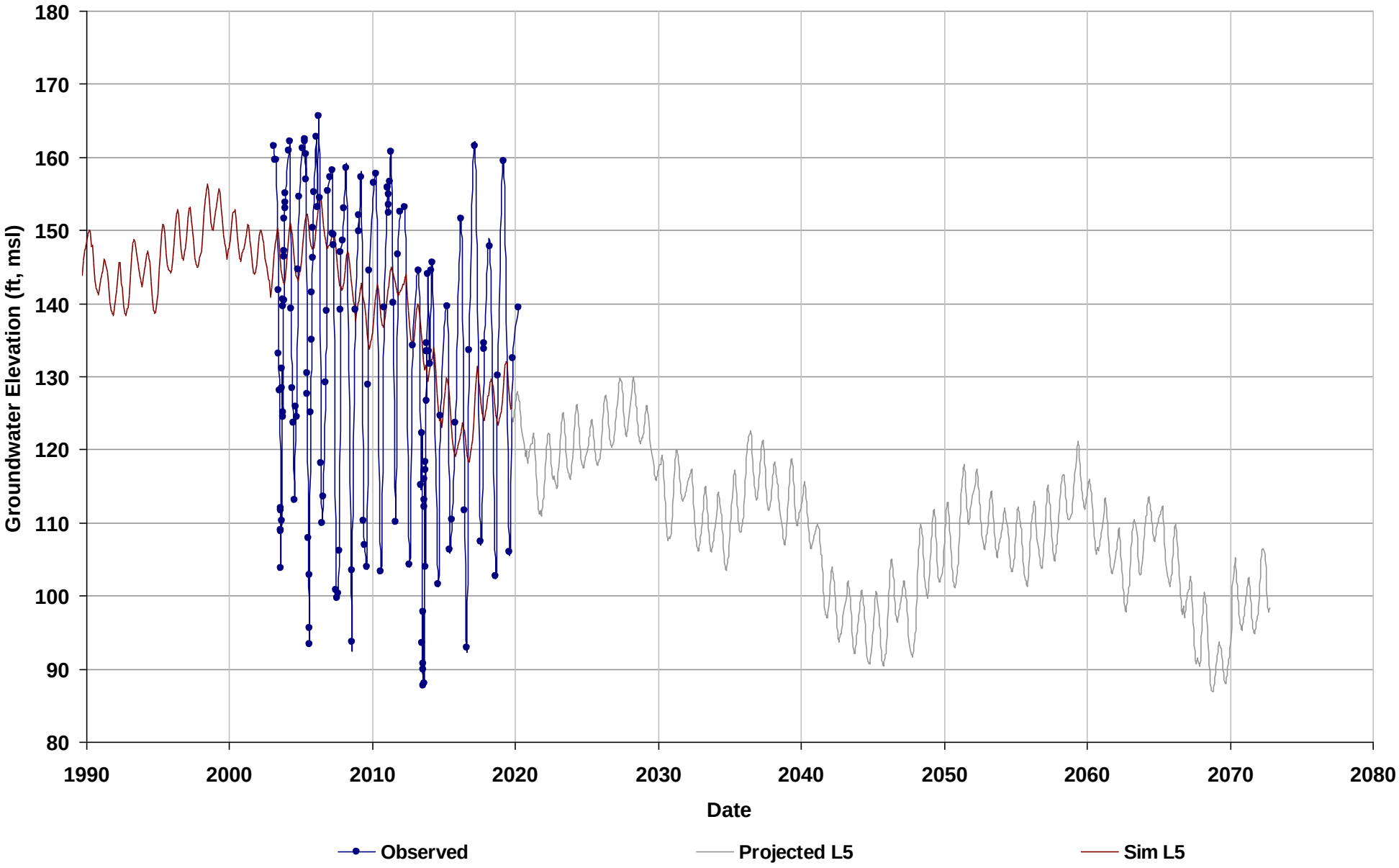
Total Depth (ft): 440
Perf Top (ft): 210
Perf Bottom (ft): 370
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use)

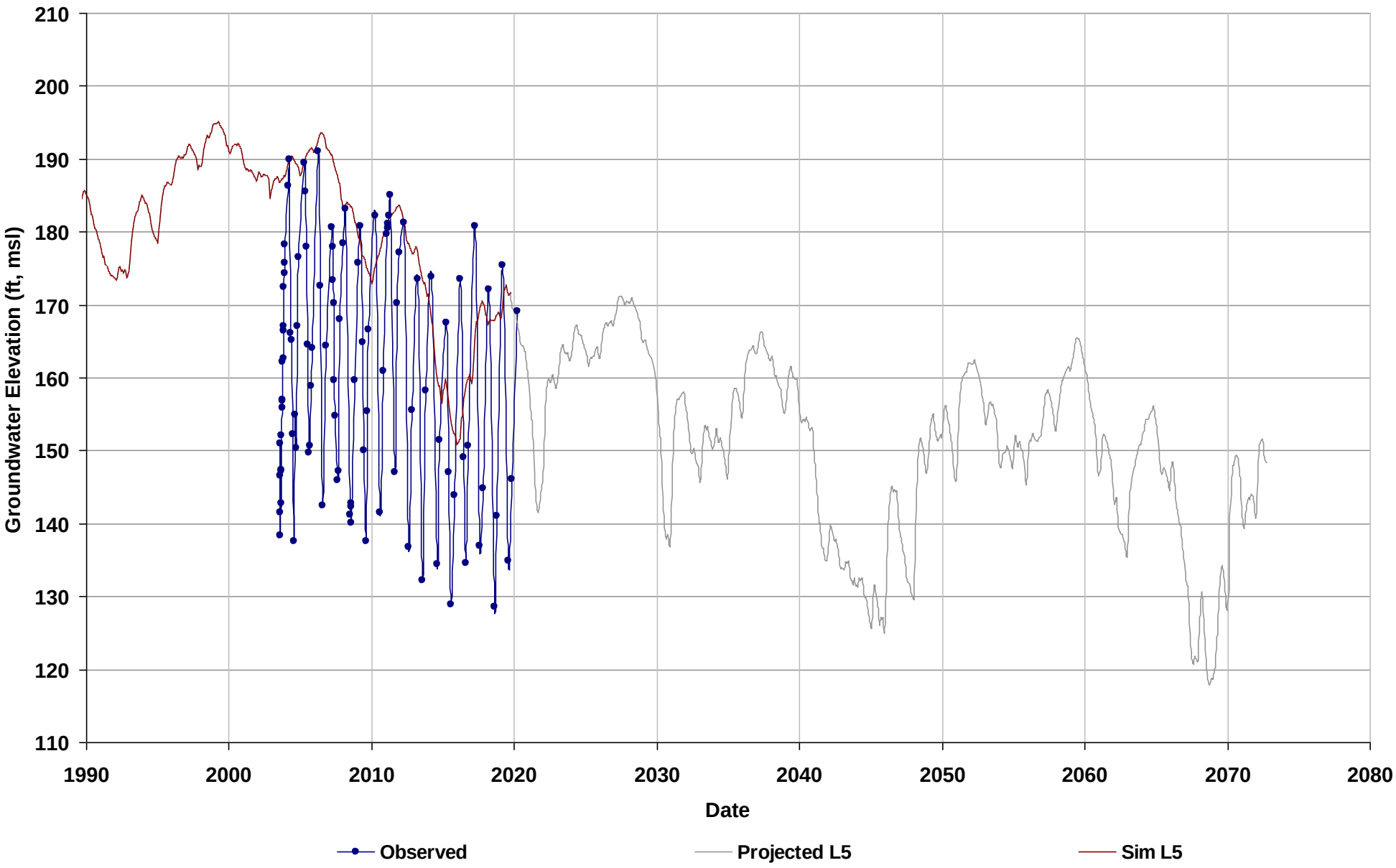
Well Name: 22N02W15C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 258
Perf Top (ft): 210
Perf Bottom (ft): 220
Top Model Layer: 5
Bottom Model Layer: 5



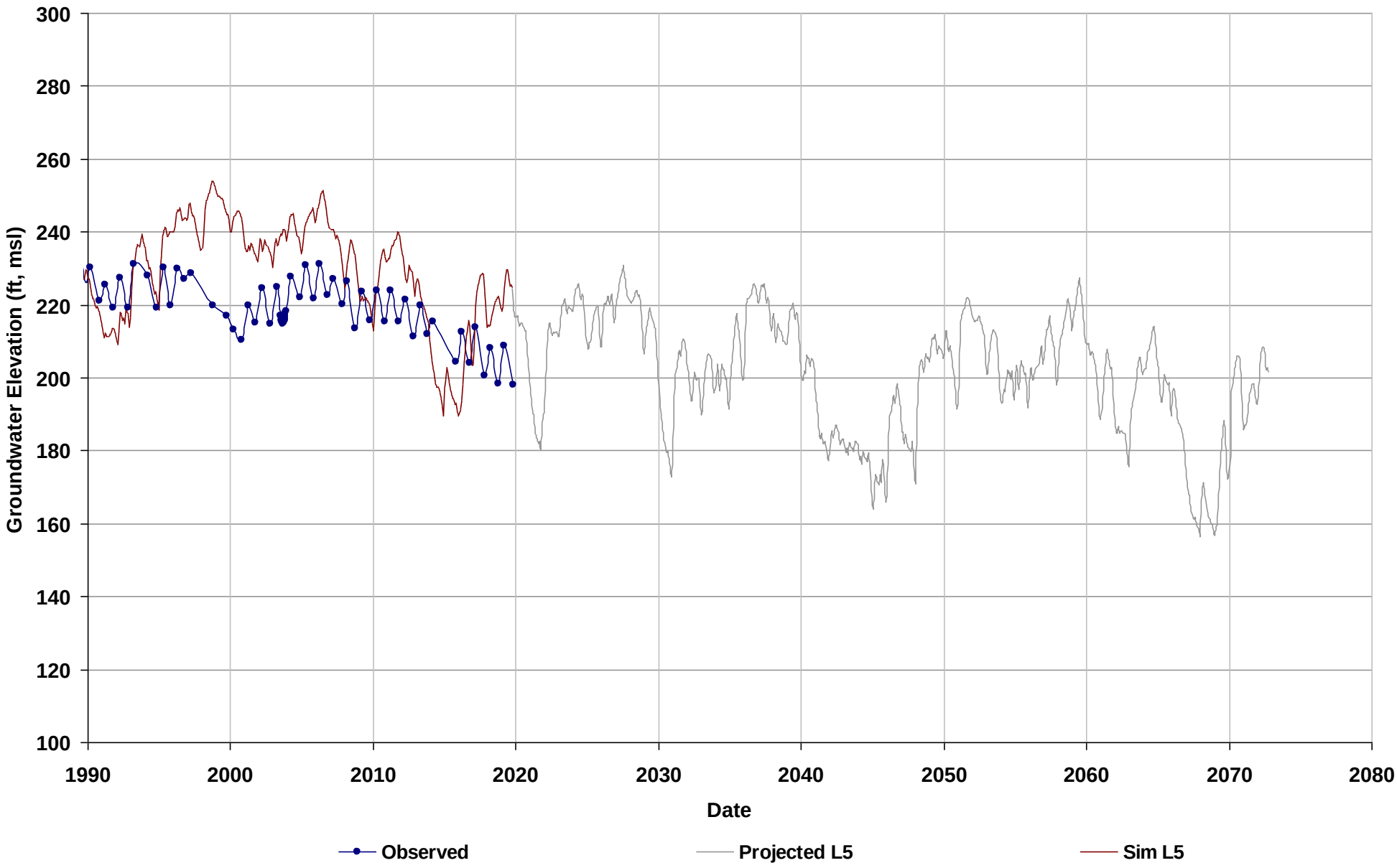
Well Name: 22N03W01R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

Total Depth (ft): 314
Perf Top (ft): 270
Perf Bottom (ft): 280
Top Model Layer: 5
Bottom Model Layer: 5



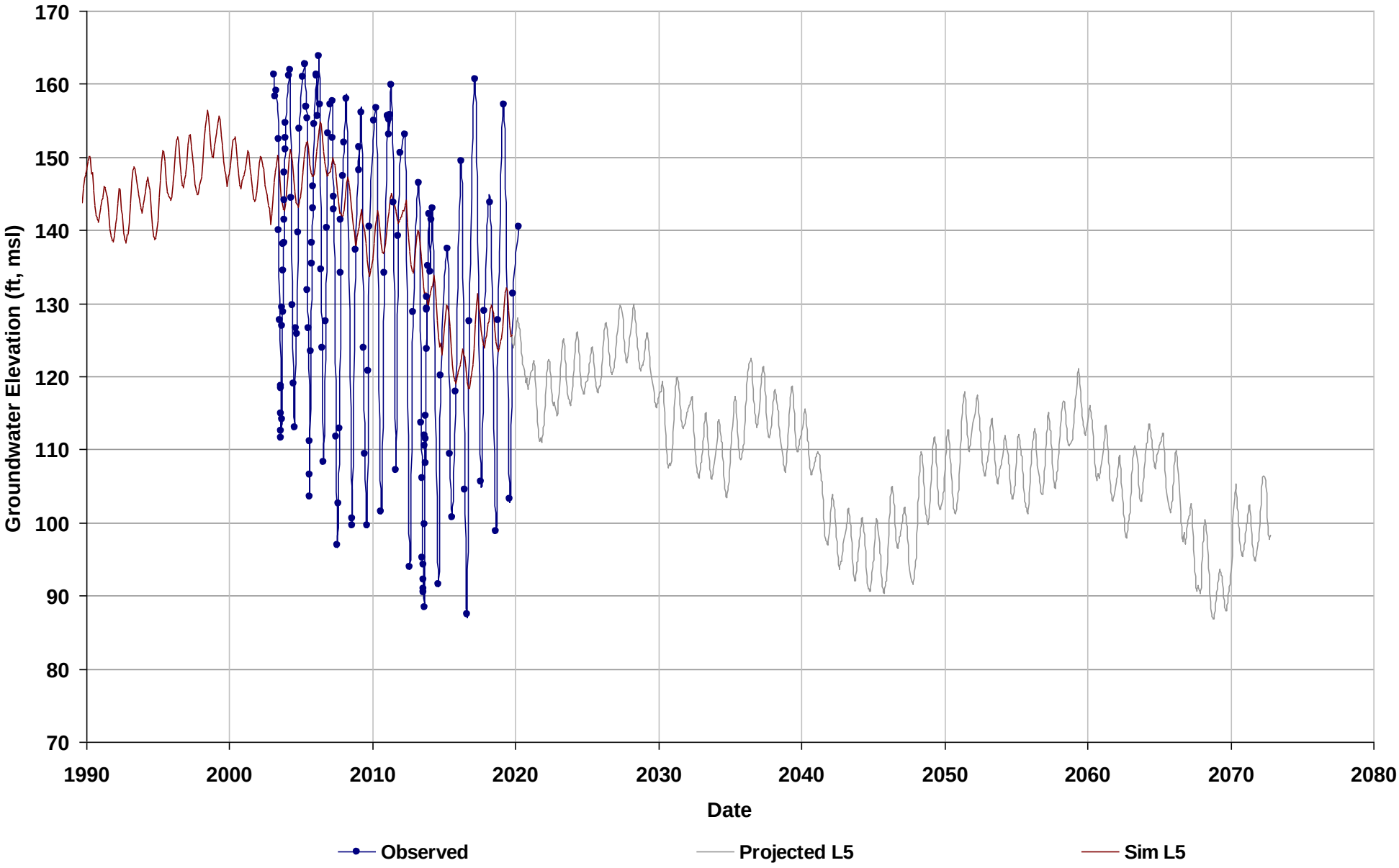
Well Name: 22N03W05F002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 297

Total Depth (ft):
Perf Top (ft): 188
Perf Bottom (ft): 218
Top Model Layer: 5
Bottom Model Layer: 5



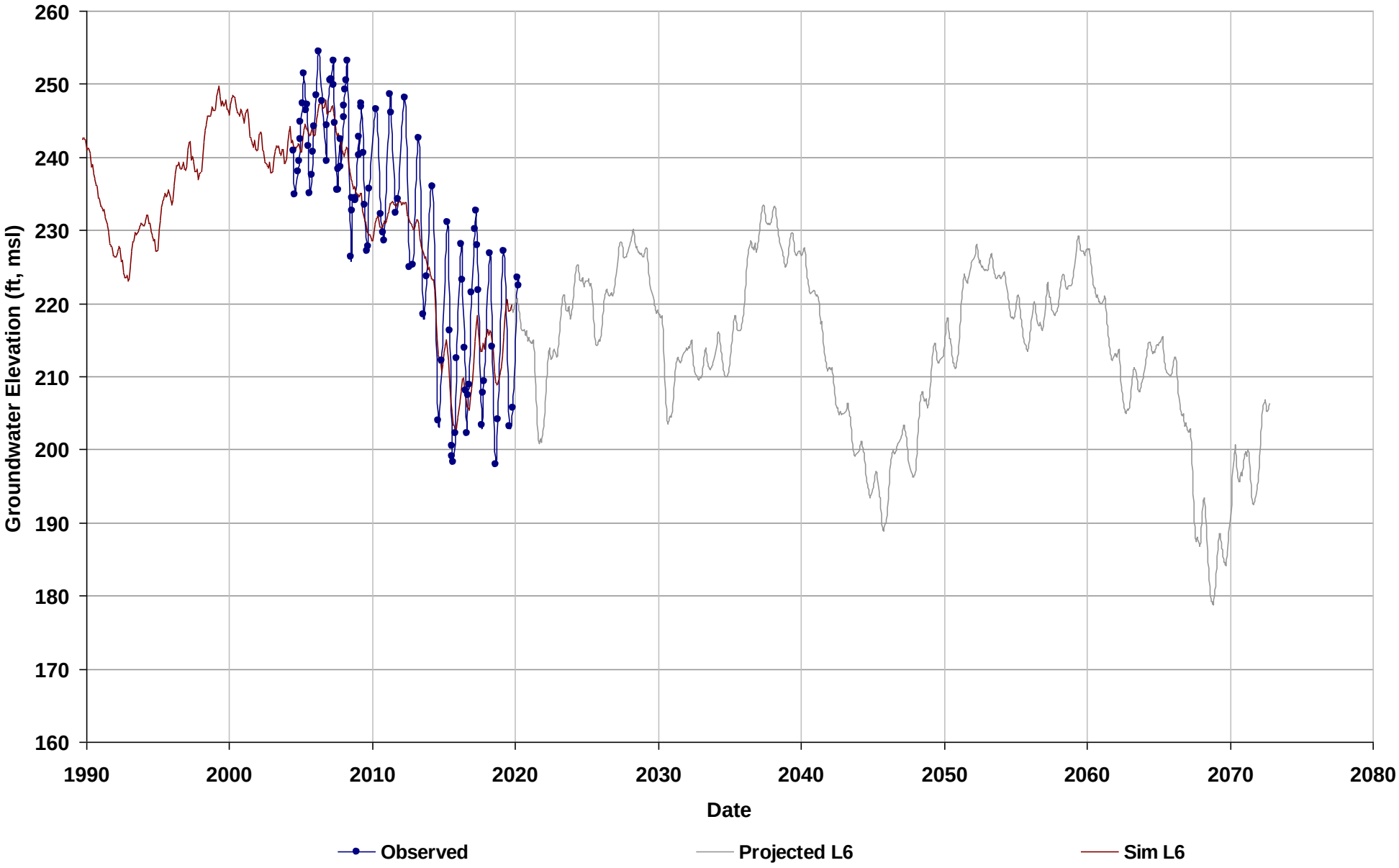
Well Name: 22N02W15C003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 422
Perf Top (ft): 370
Perf Bottom (ft): 380
Top Model Layer: 5
Bottom Model Layer: 5



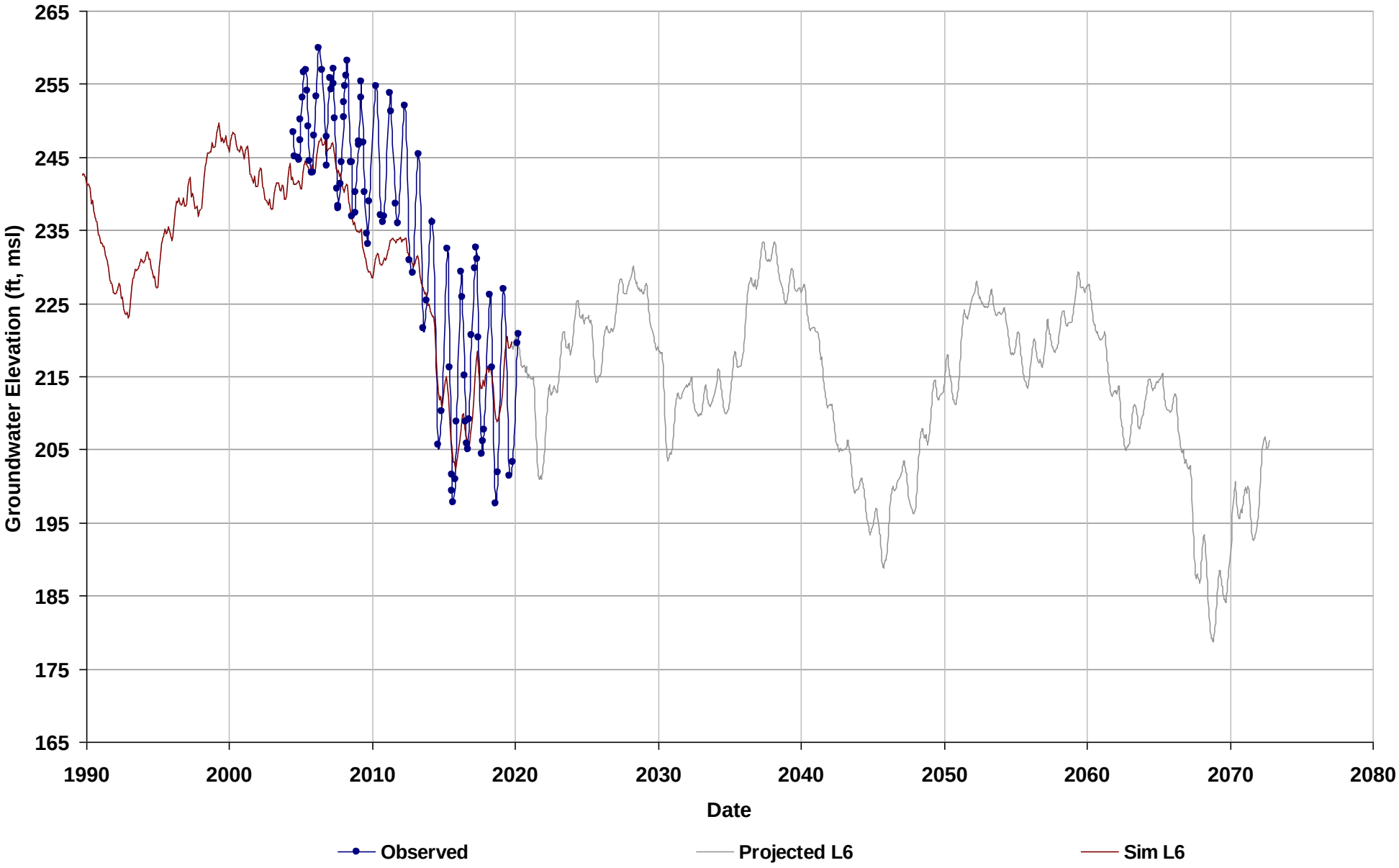
Well Name: 24N03W29Q002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

Total Depth (ft): 575
Perf Top (ft): 490
Perf Bottom (ft): 550
Top Model Layer: 6
Bottom Model Layer: 6



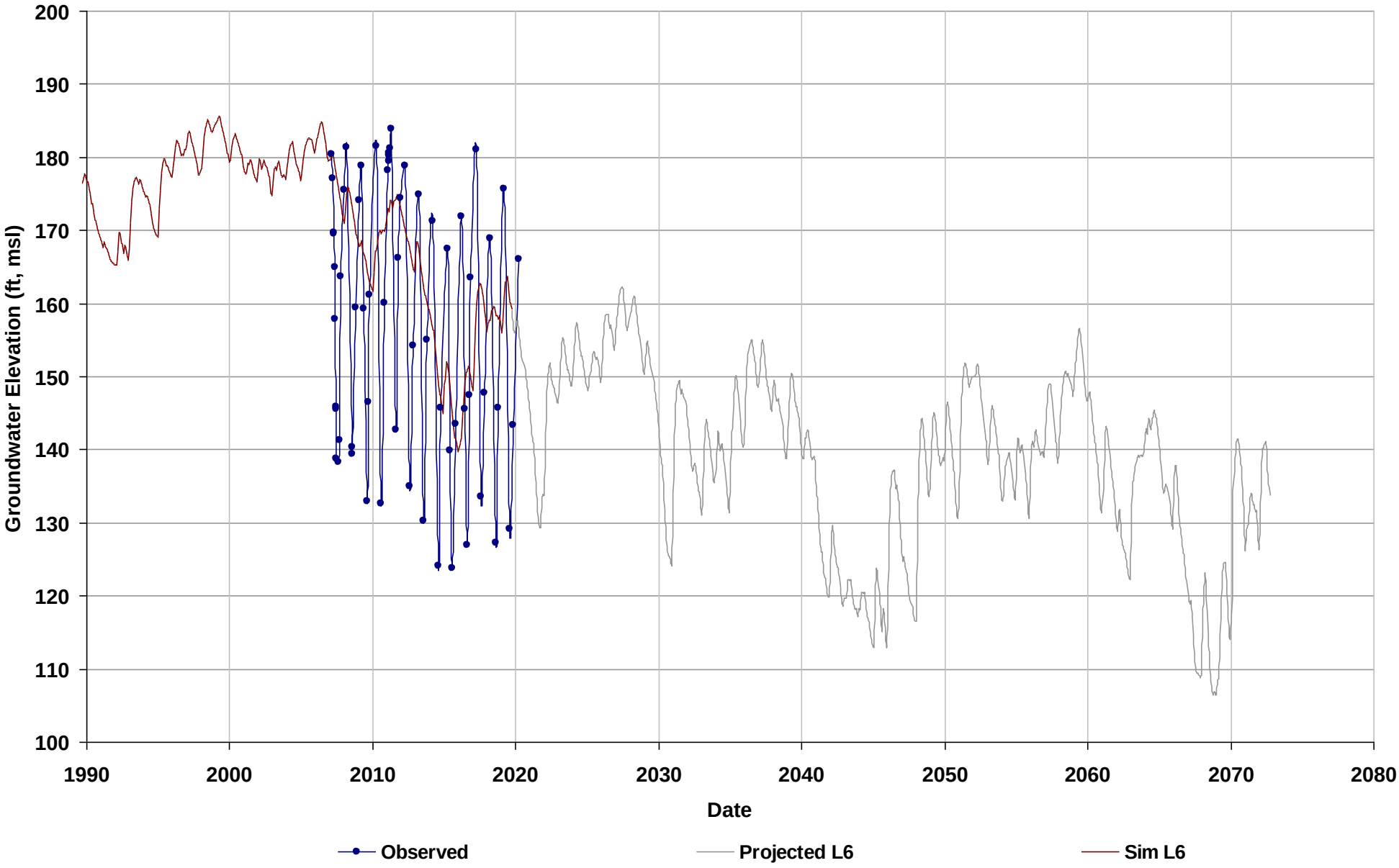
Well Name: 24N03W29Q003M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

Total Depth (ft): 844
Perf Top (ft): 650
Perf Bottom (ft): 710
Top Model Layer: 6
Bottom Model Layer: 6



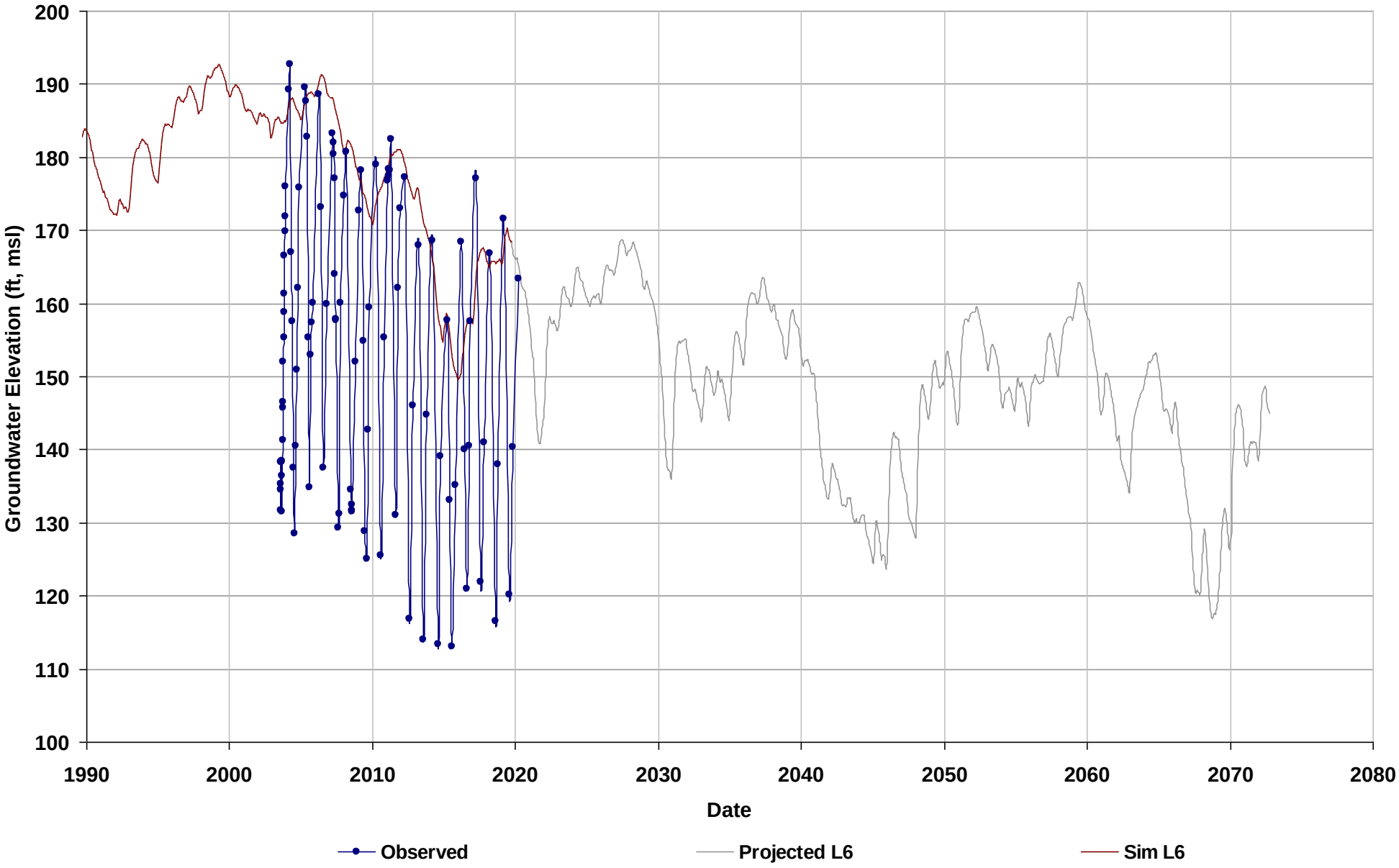
Well Name: 22N02W18C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 482
Perf Top (ft): 414
Perf Bottom (ft): 434
Top Model Layer: 6
Bottom Model Layer: 6



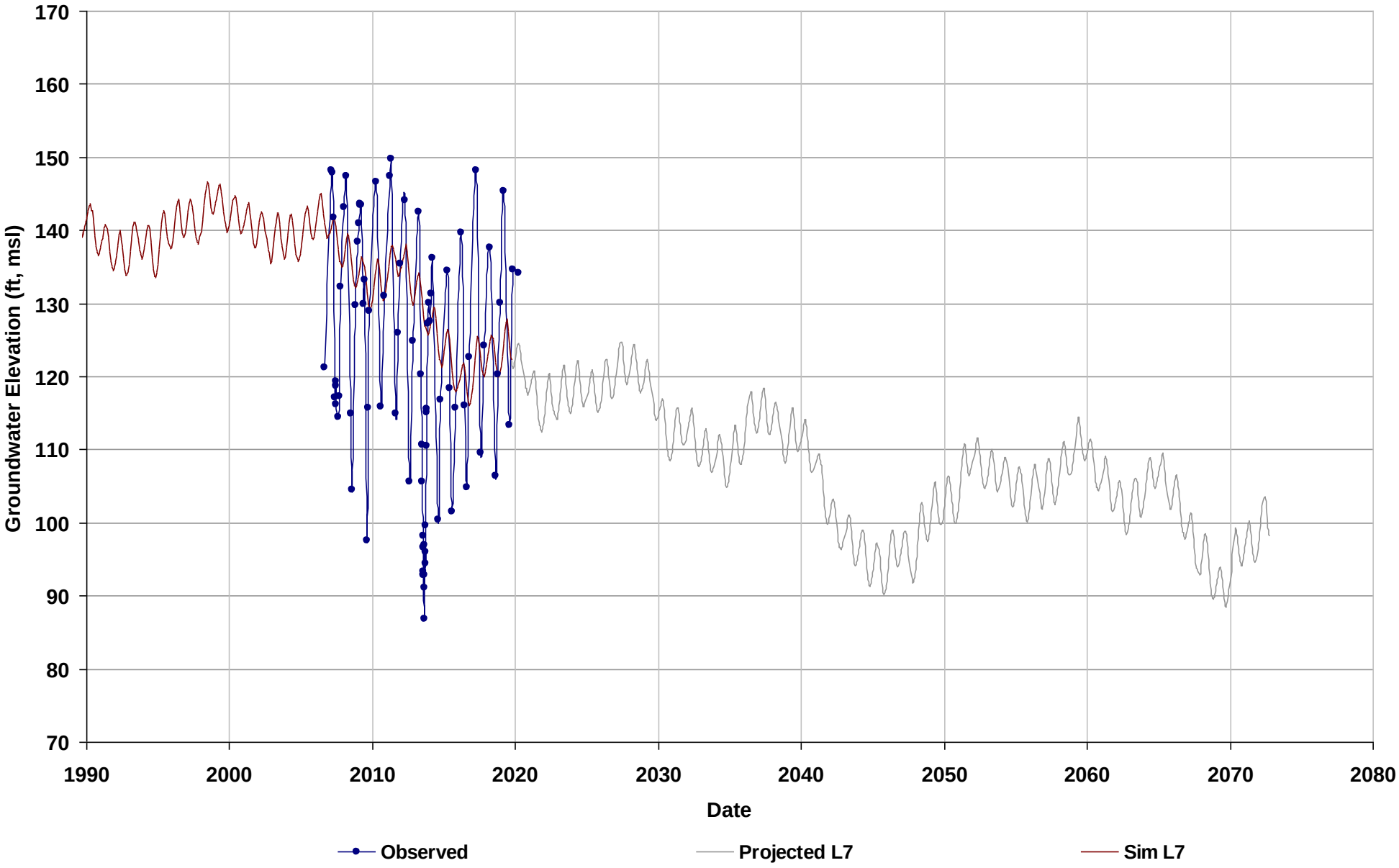
Well Name: 22N03W01R001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 226

Total Depth (ft): 515
Perf Top (ft): 470
Perf Bottom (ft): 480
Top Model Layer: 6
Bottom Model Layer: 6



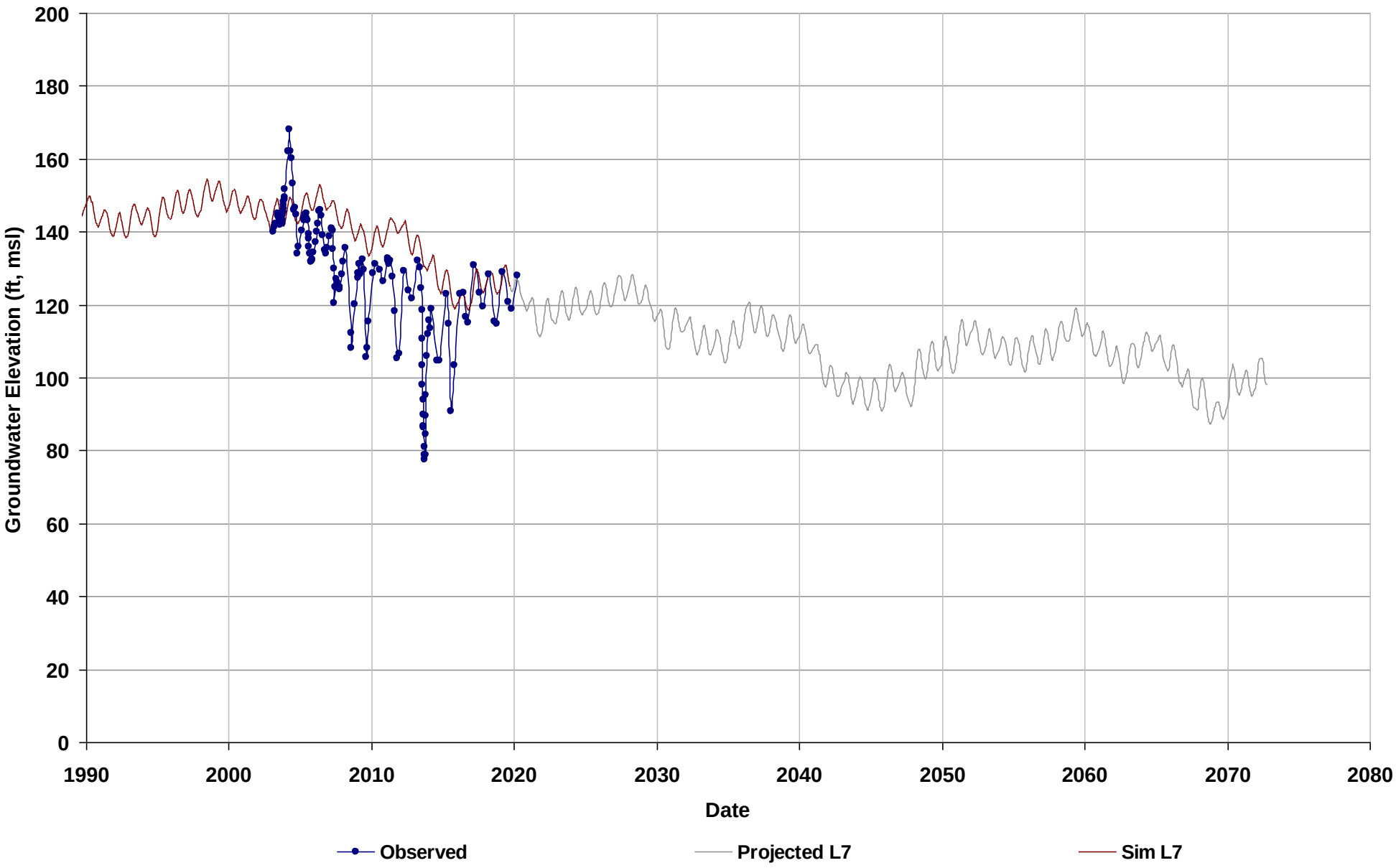
Well Name: 22N02W01N002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

Total Depth (ft): 730
Perf Top (ft): 700
Perf Bottom (ft): 710
Top Model Layer: 7
Bottom Model Layer: 7



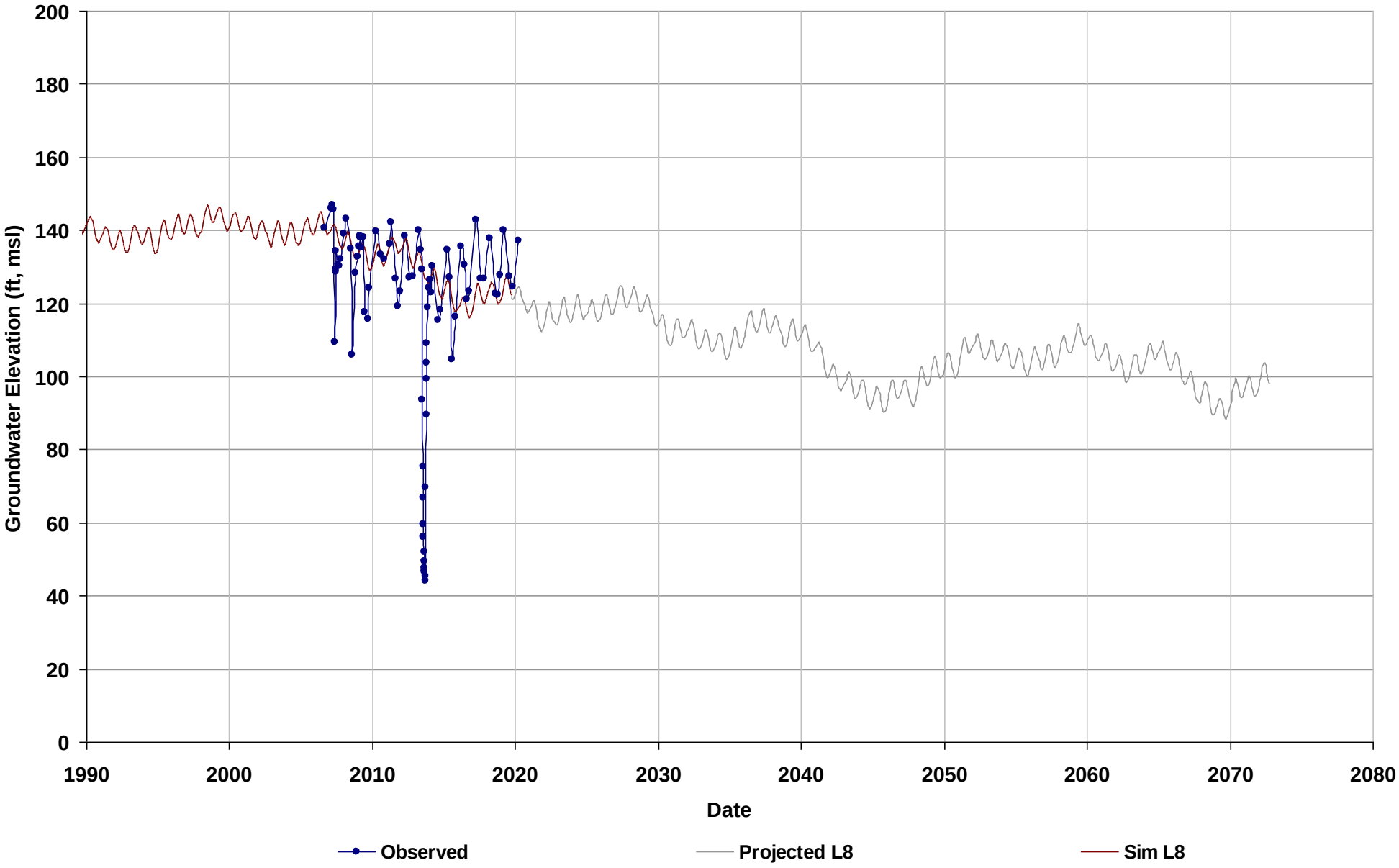
Well Name: 22N02W15C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 825
Perf Top (ft): 760
Perf Bottom (ft): 781
Top Model Layer: 7
Bottom Model Layer: 7



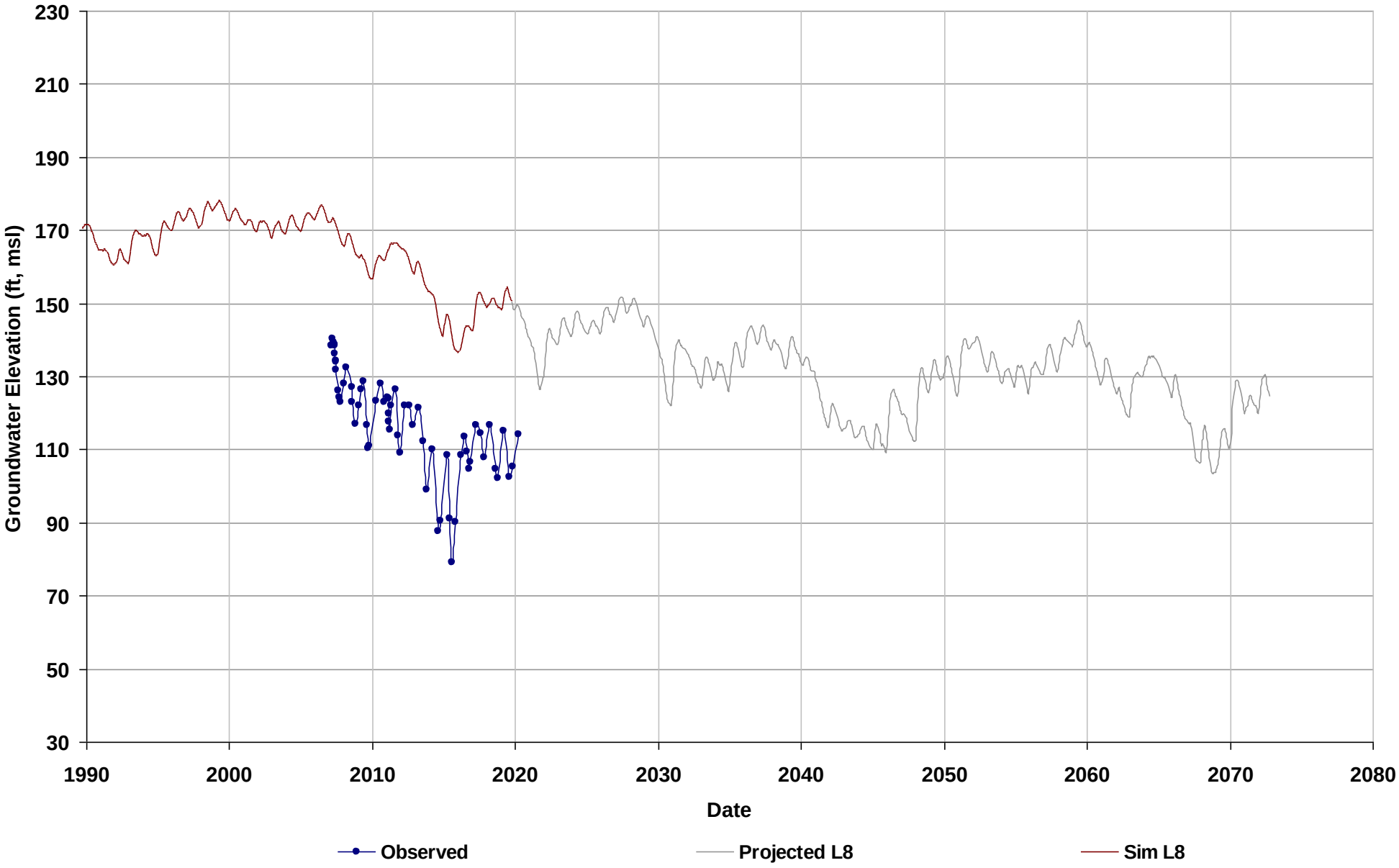
Well Name: 22N02W01N001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

Total Depth (ft): 1100
Perf Top (ft): 810
Perf Bottom (ft): 1050
Top Model Layer: 8
Bottom Model Layer: 8



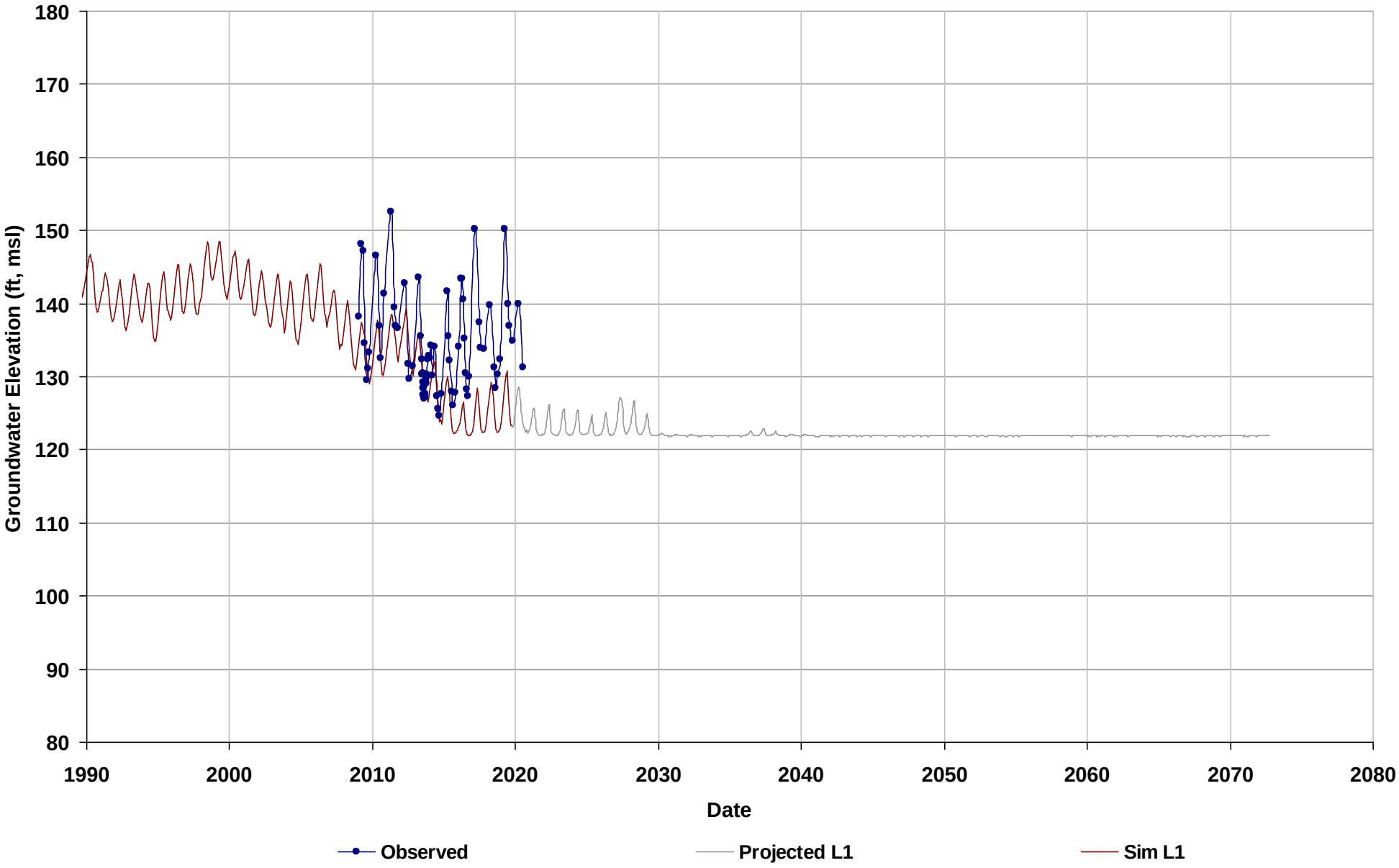
Well Name: 22N02W18C001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 1062
Perf Top (ft): 841
Perf Bottom (ft): 1029
Top Model Layer: 8
Bottom Model Layer: 8



Well Name: 23N01W28M005M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 159

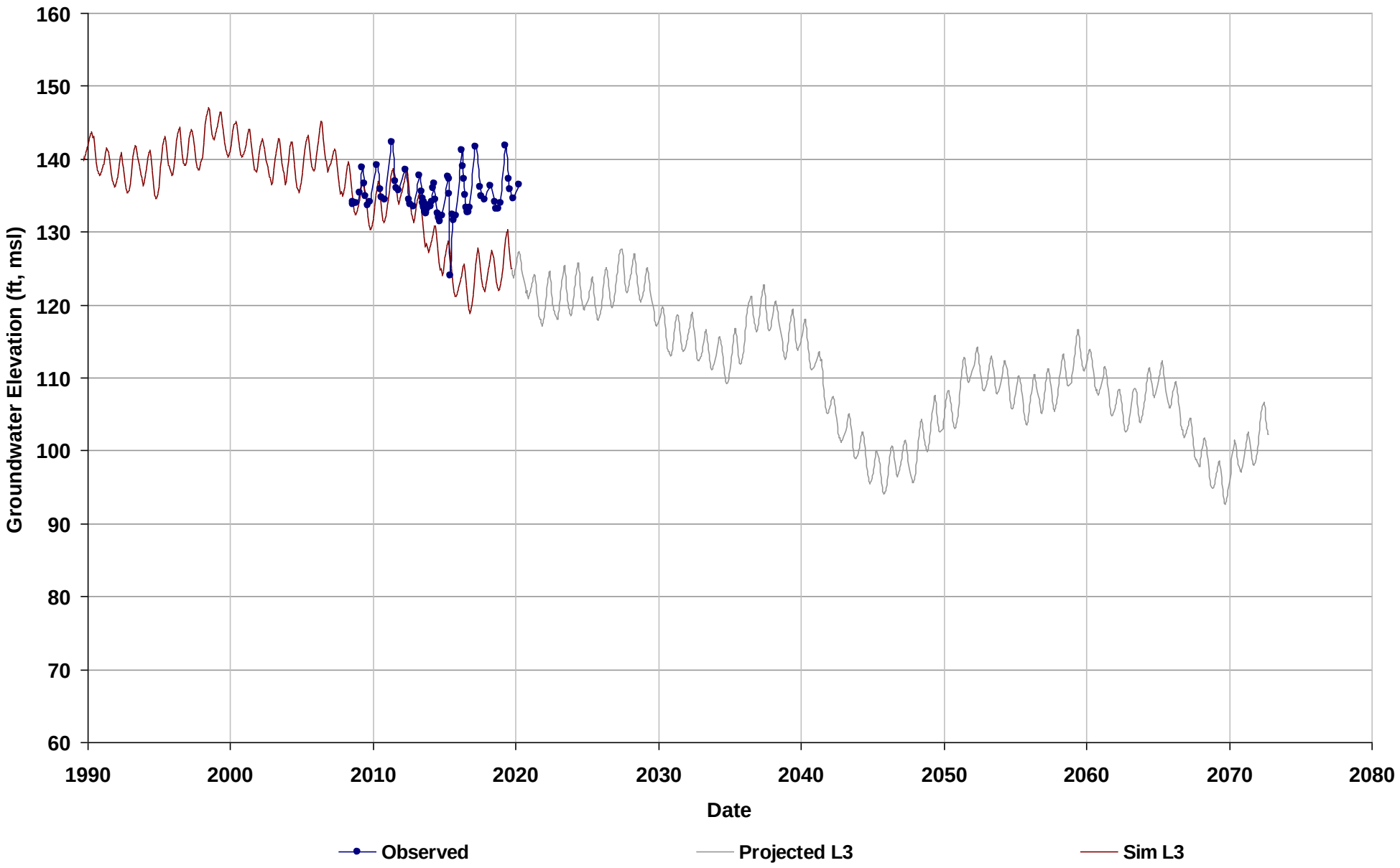
Total Depth (ft): 72
Perf Top (ft): 30
Perf Bottom (ft): 50
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Current Land Use)

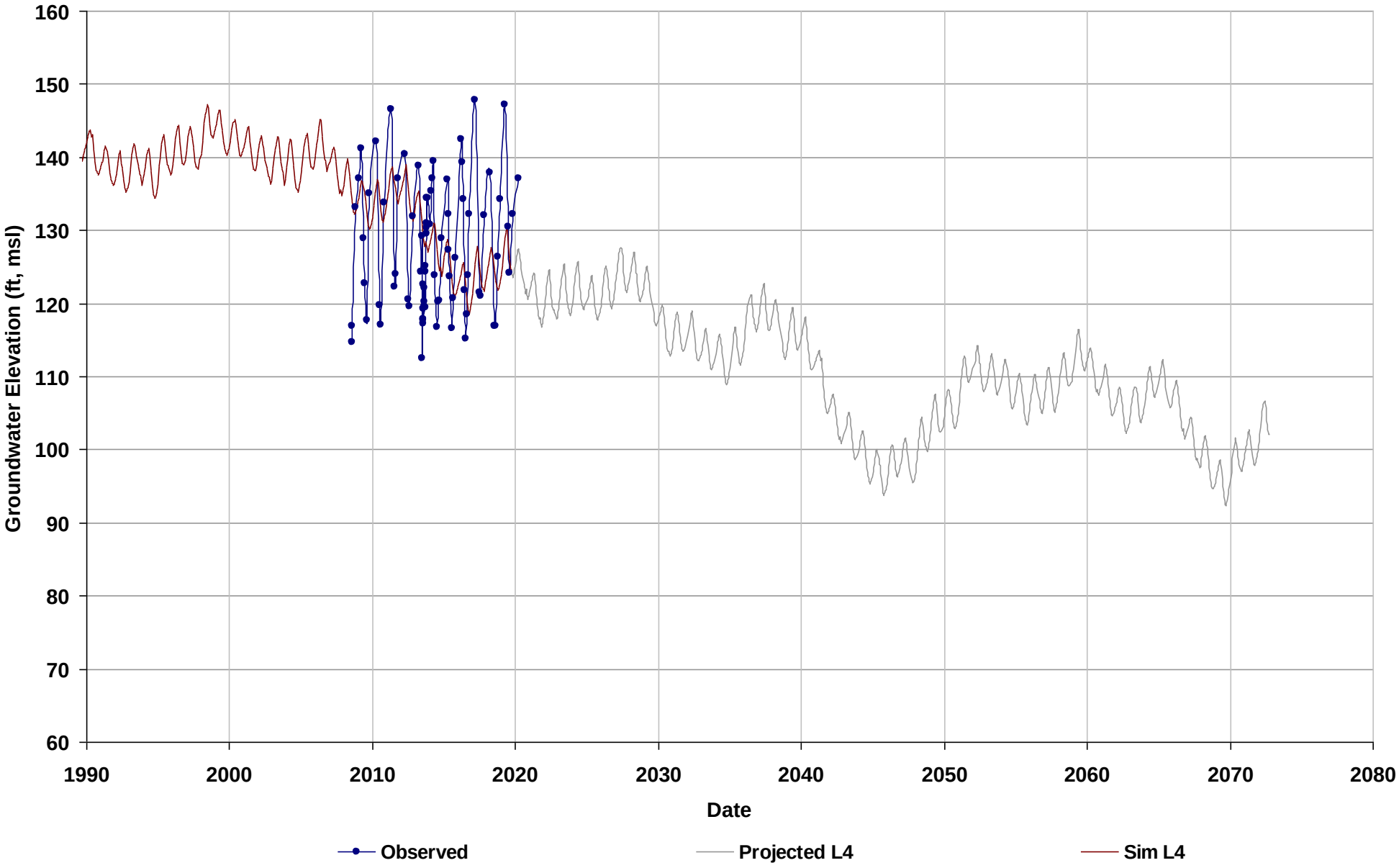
Well Name: 23N01W31M004M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

Total Depth (ft): 106
Perf Top (ft): 65.5
Perf Bottom (ft): 75.5
Top Model Layer: 3
Bottom Model Layer: 3



Well Name: 23N01W31M003M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

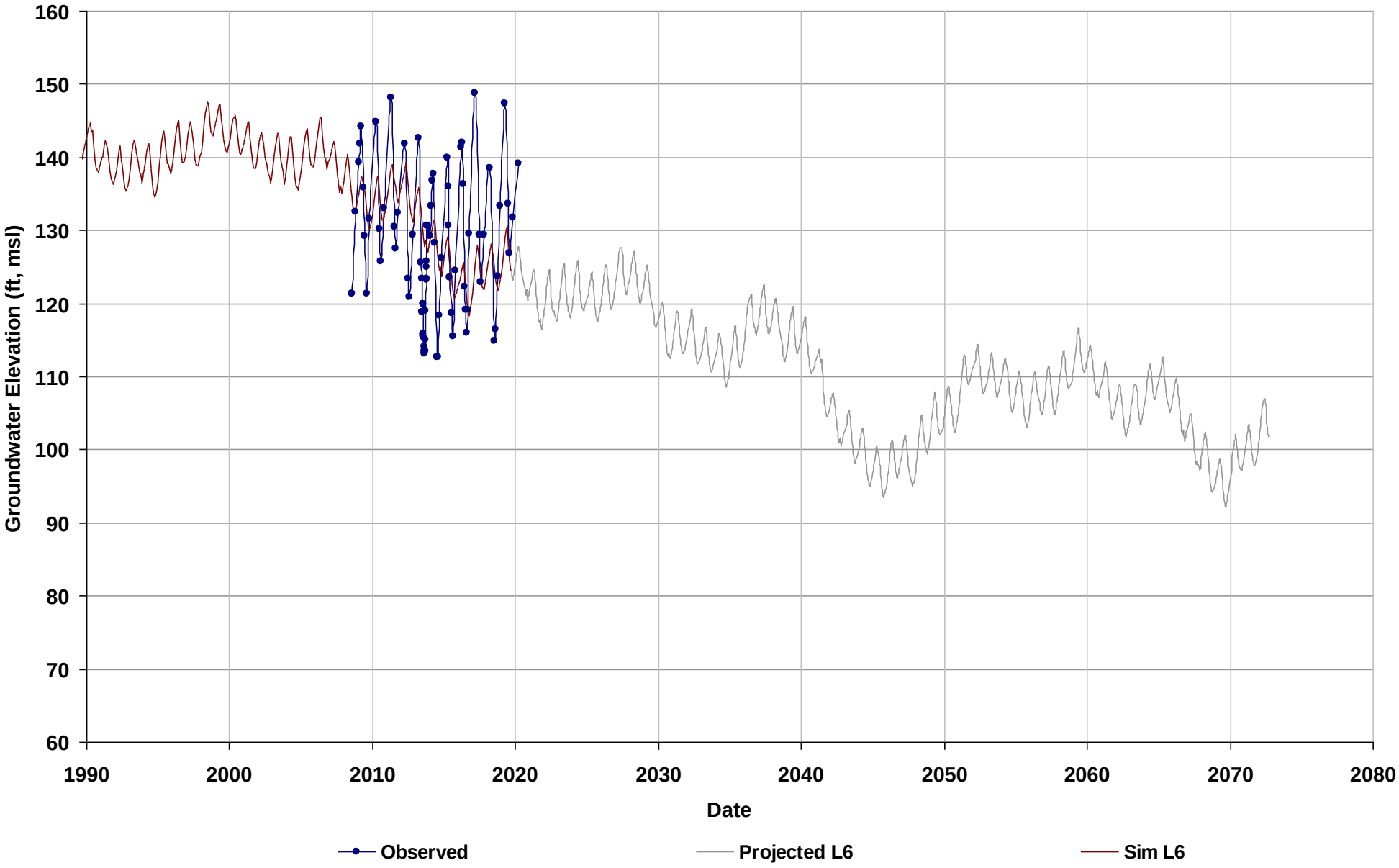
Total Depth (ft): 245
Perf Top (ft): 140
Perf Bottom (ft): 201
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

Well Name: 23N01W31M002M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

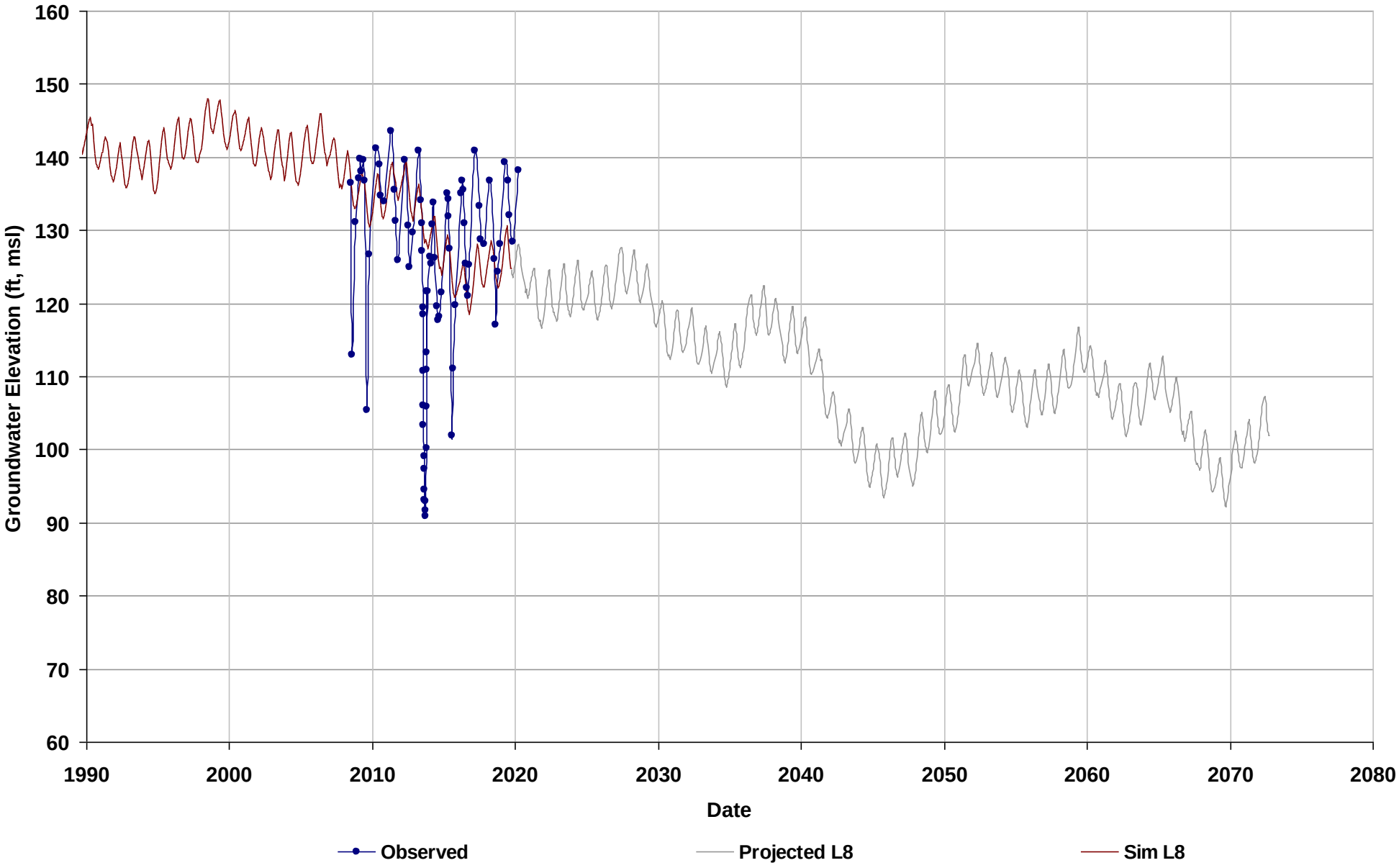
Total Depth (ft): 616
Perf Top (ft): 545
Perf Bottom (ft): 600
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use)

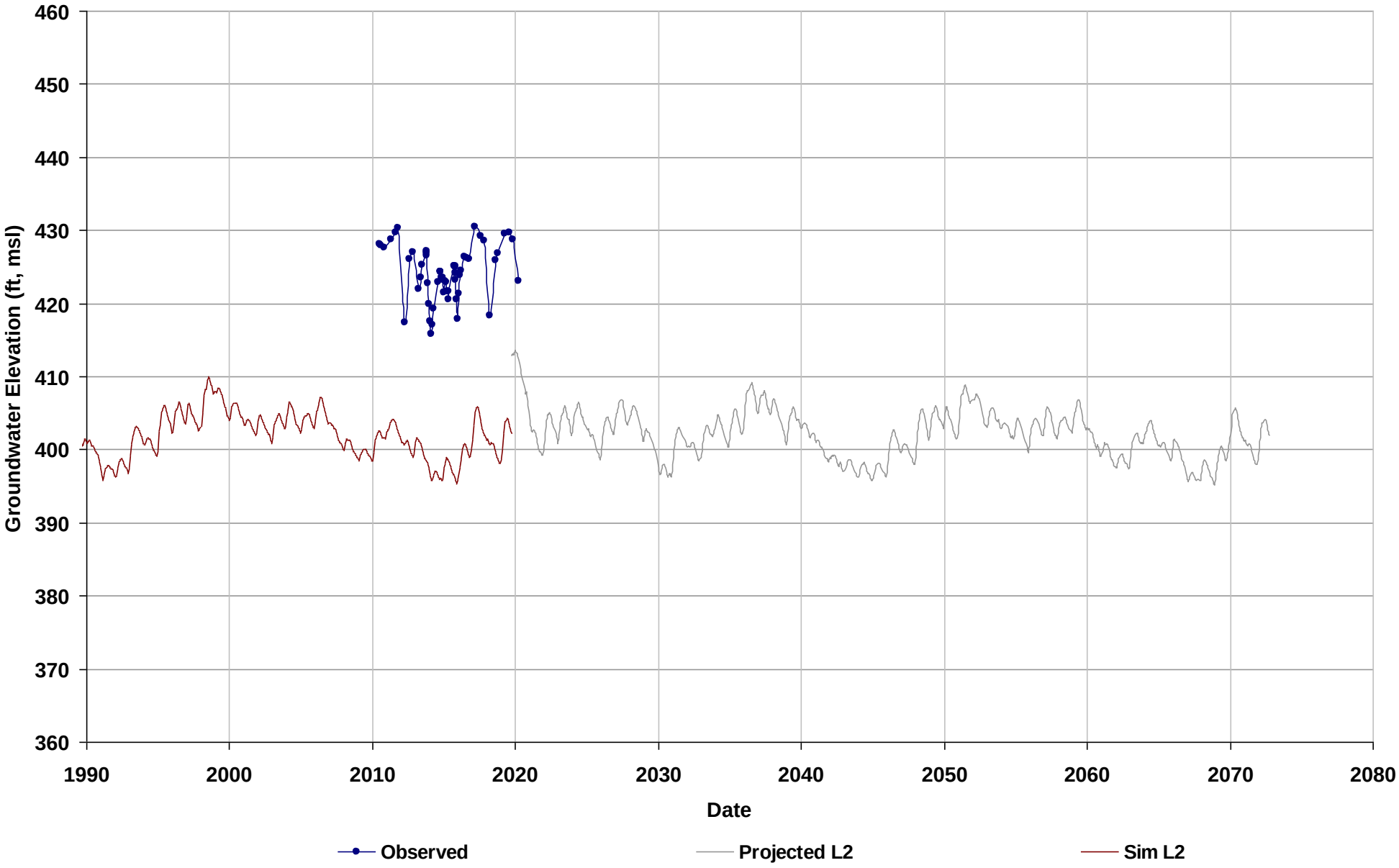
Well Name: 23N01W31M001M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

Total Depth (ft): 1200
Perf Top (ft): 969
Perf Bottom (ft): 1030
Top Model Layer: 8
Bottom Model Layer: 8



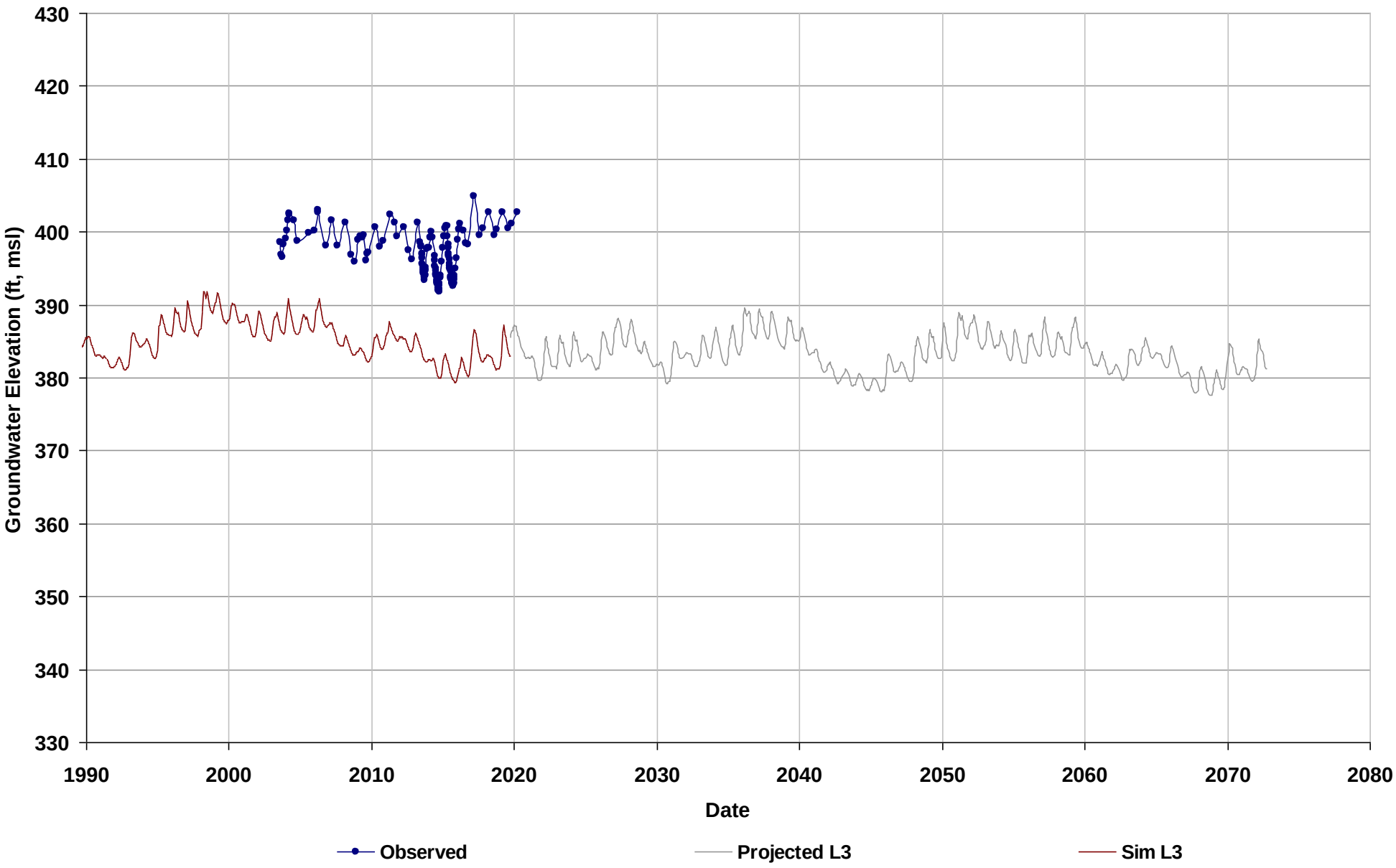
Well Name: 29N04W03R006M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 76
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Well Name: 30N04W22F002M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

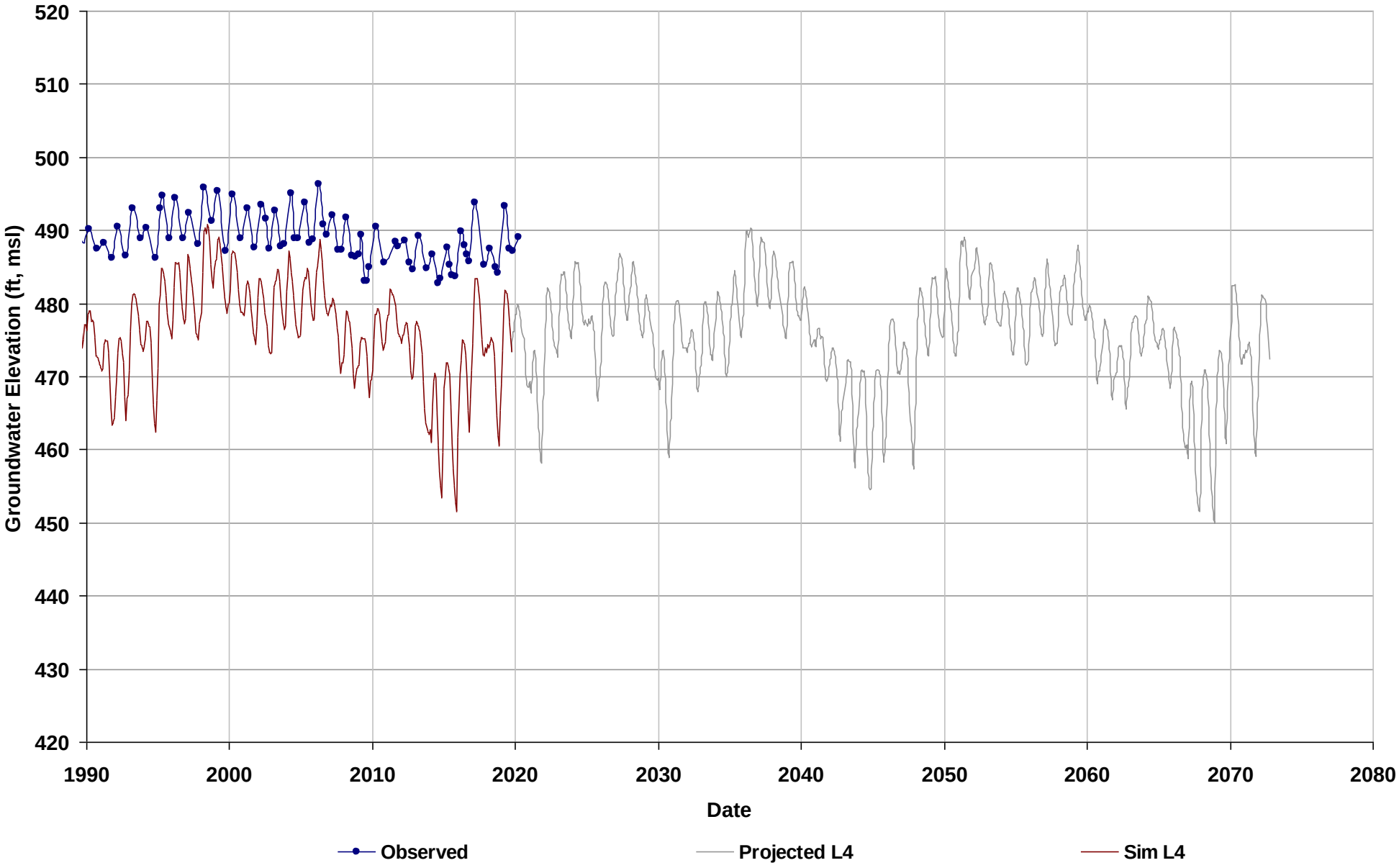
Total Depth (ft): 113
Perf Top (ft): 70
Perf Bottom (ft): 113
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use)

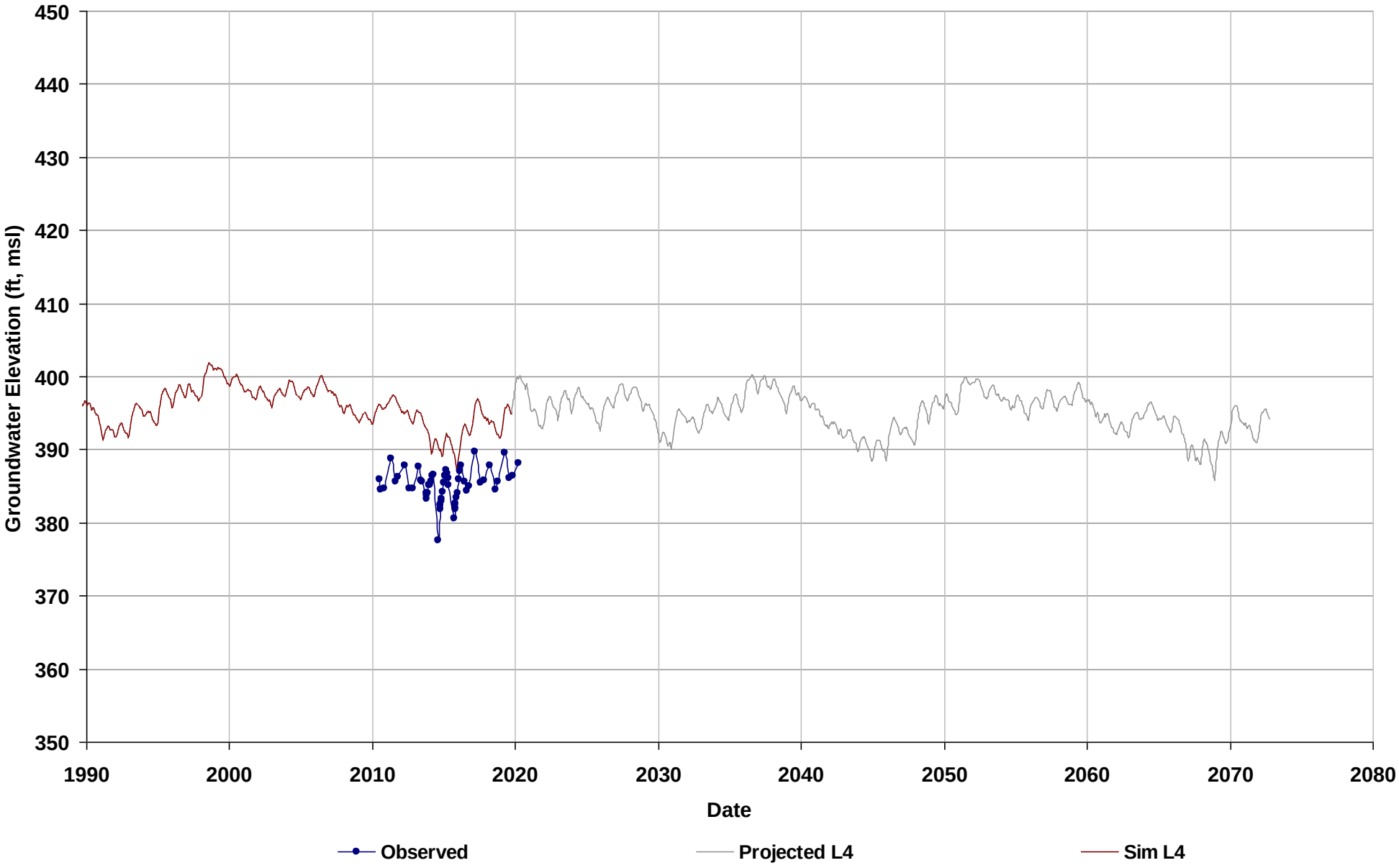
Well Name: 29N05W09L001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 517

Total Depth (ft):
Perf Top (ft): 100
Perf Bottom (ft): 140
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 29N04W03R005M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

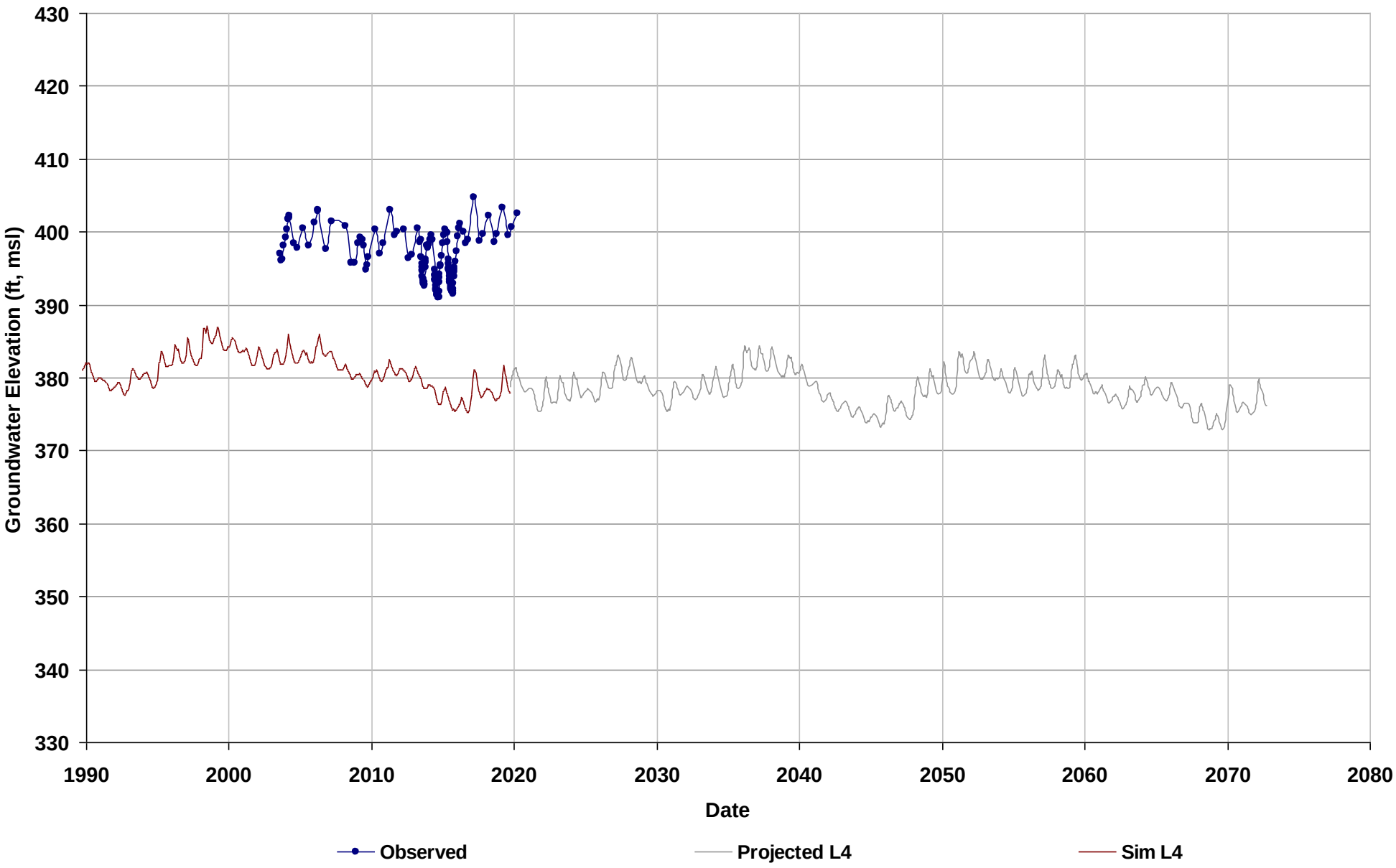
Total Depth (ft): 254
Perf Top (ft): 128
Perf Bottom (ft): 188
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

Well Name: 30N04W22F003M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

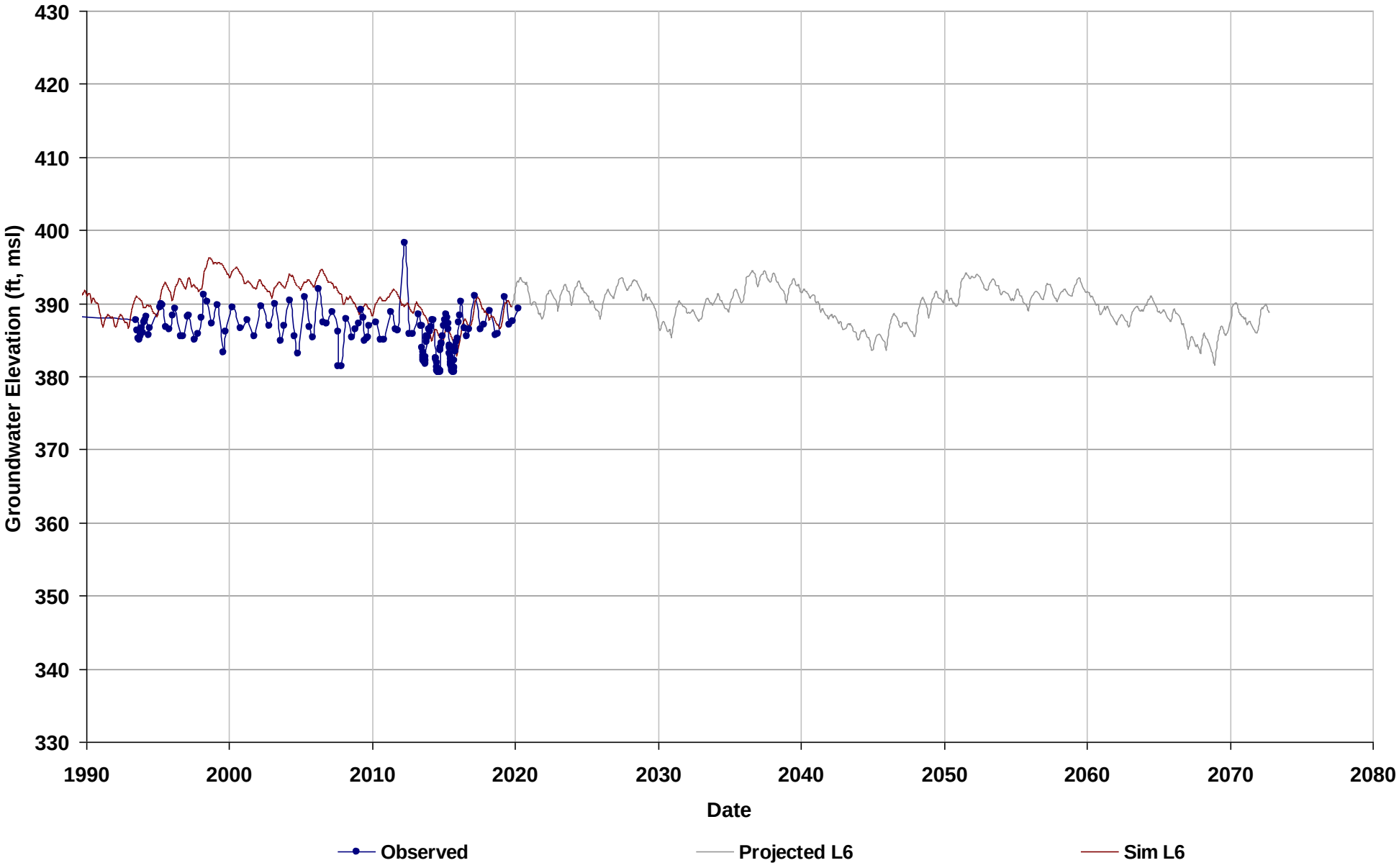
Total Depth (ft): 202
Perf Top (ft): 170
Perf Bottom (ft): 202
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use)

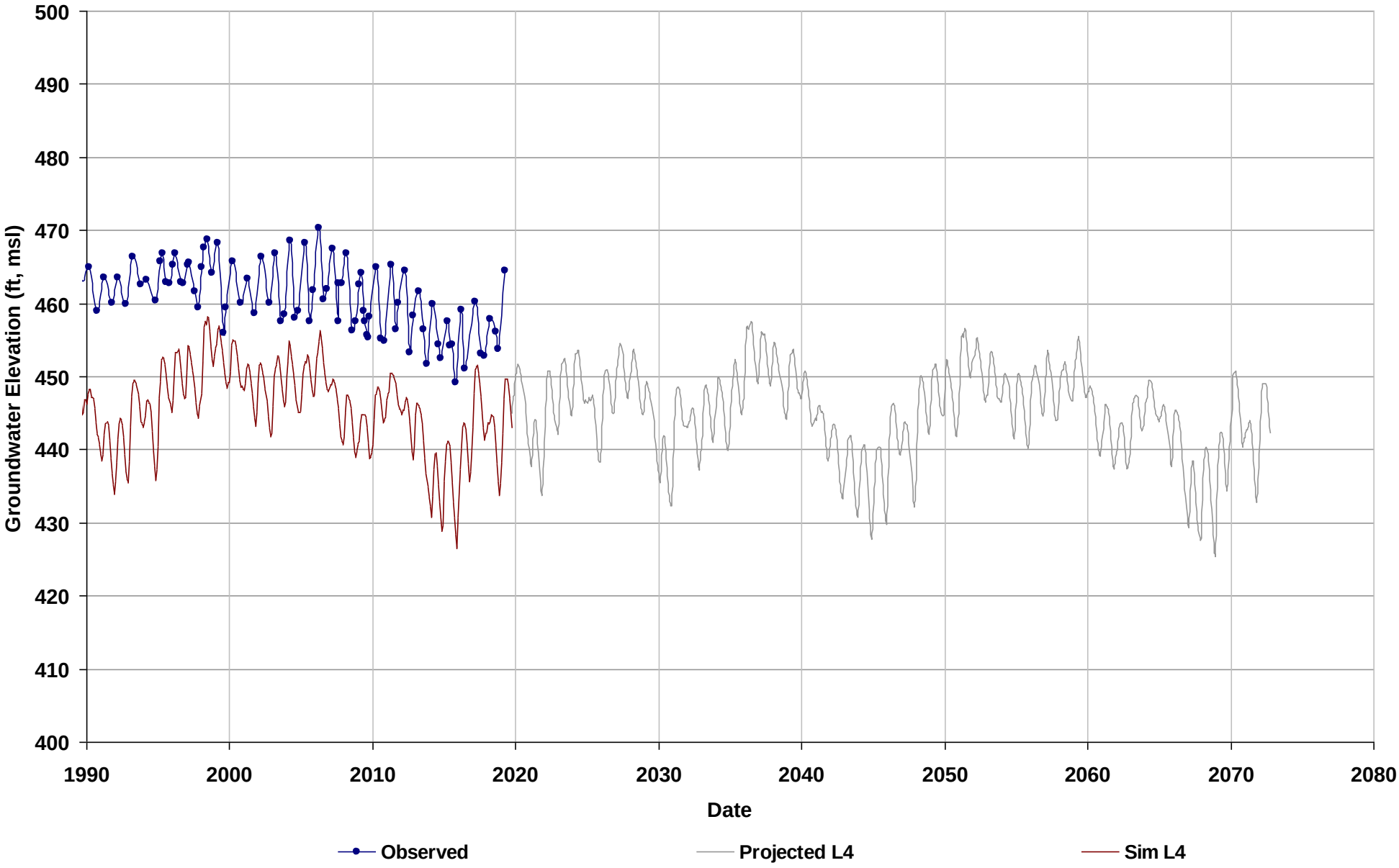
Well Name: 29N04W02P001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

Total Depth (ft):
Perf Top (ft): 165
Perf Bottom (ft): 425
Top Model Layer: 6
Bottom Model Layer: 6



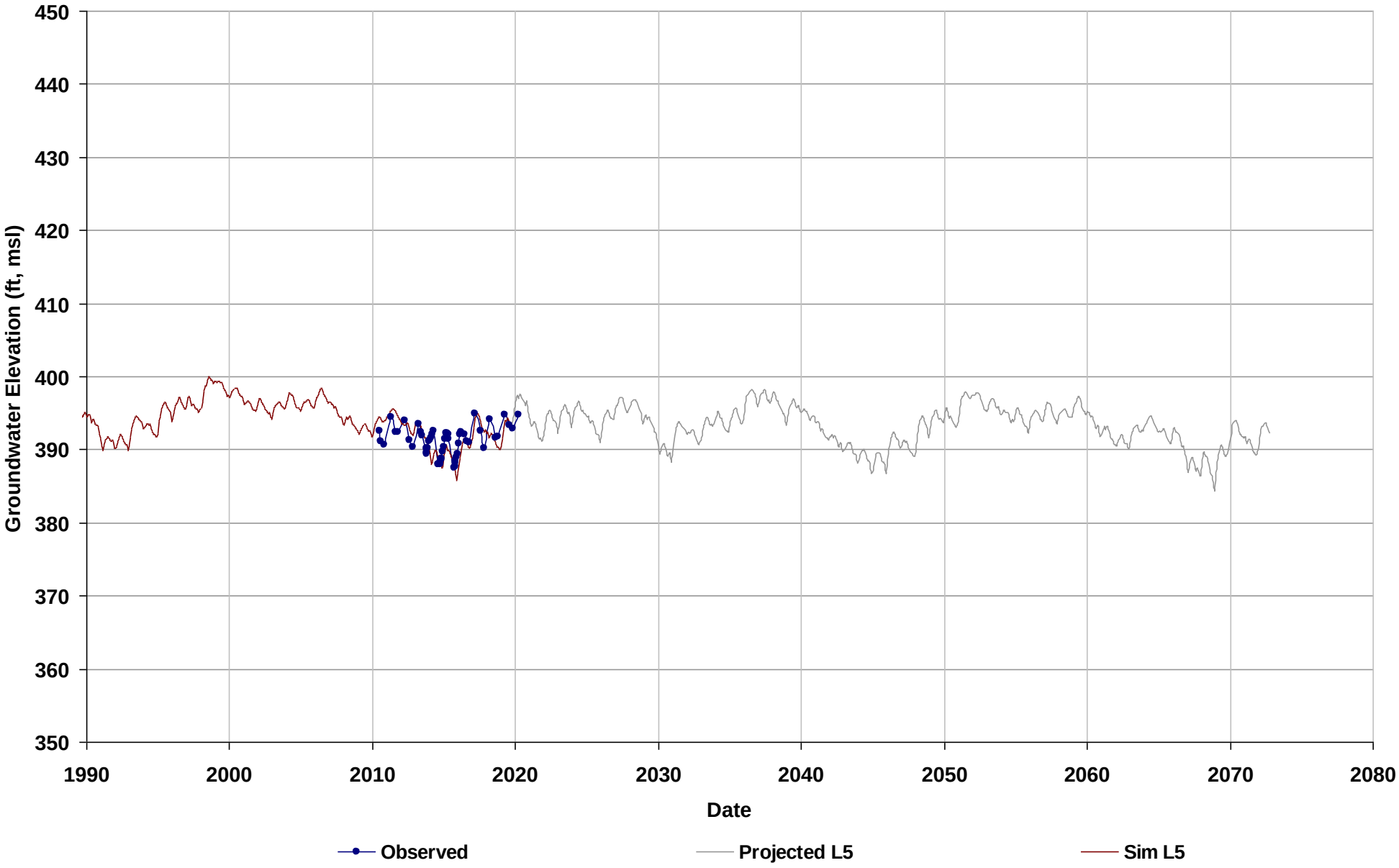
Well Name: 29N05W11A002M
Depth Zone: Composite
Subbasin: Anderson
GSE (ft, msl): 514

Total Depth (ft):
Perf Top (ft): 110
Perf Bottom (ft): 356
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 29N04W03R004M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

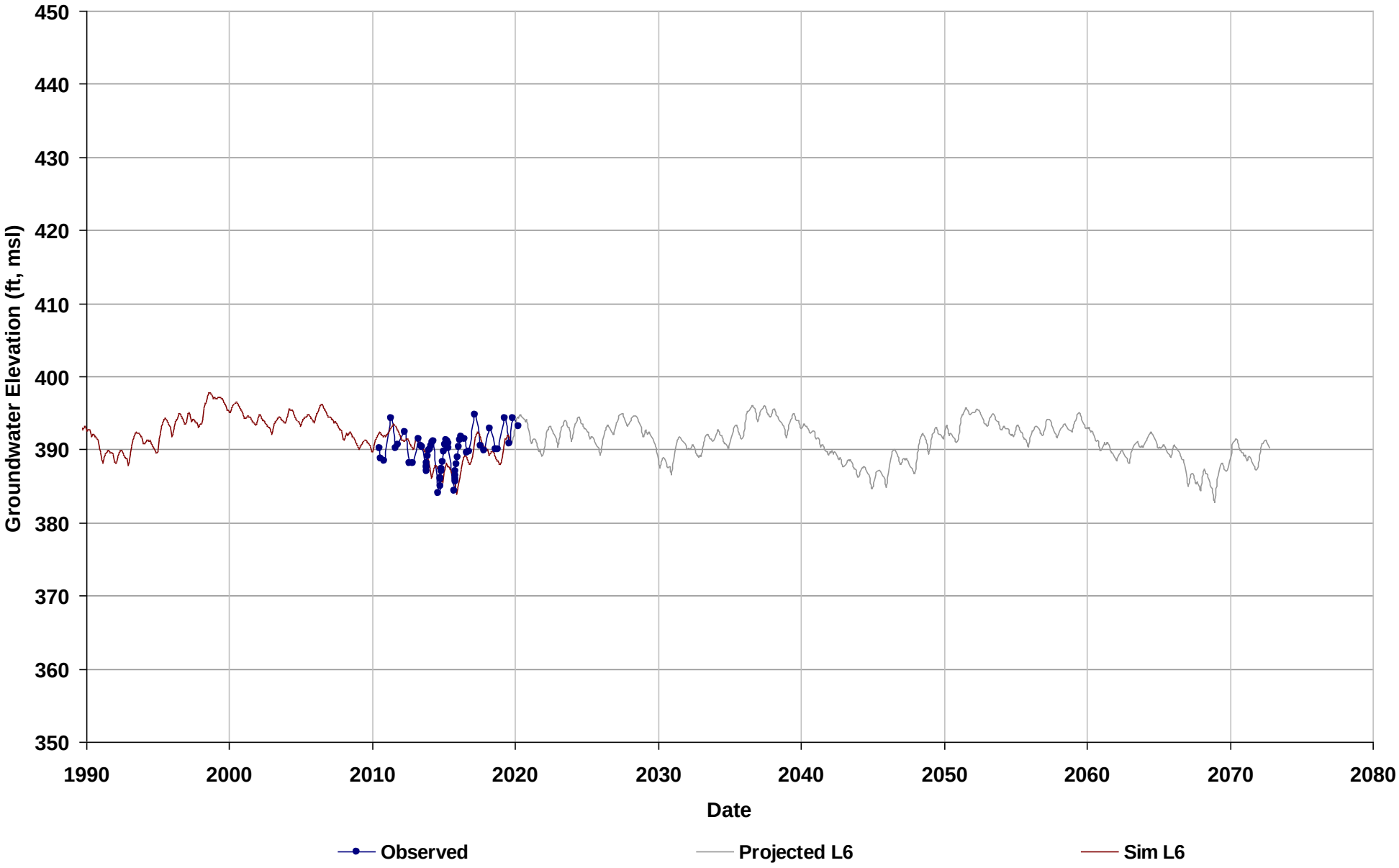
Total Depth (ft): 438
Perf Top (ft): 380
Perf Bottom (ft): 390
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use)

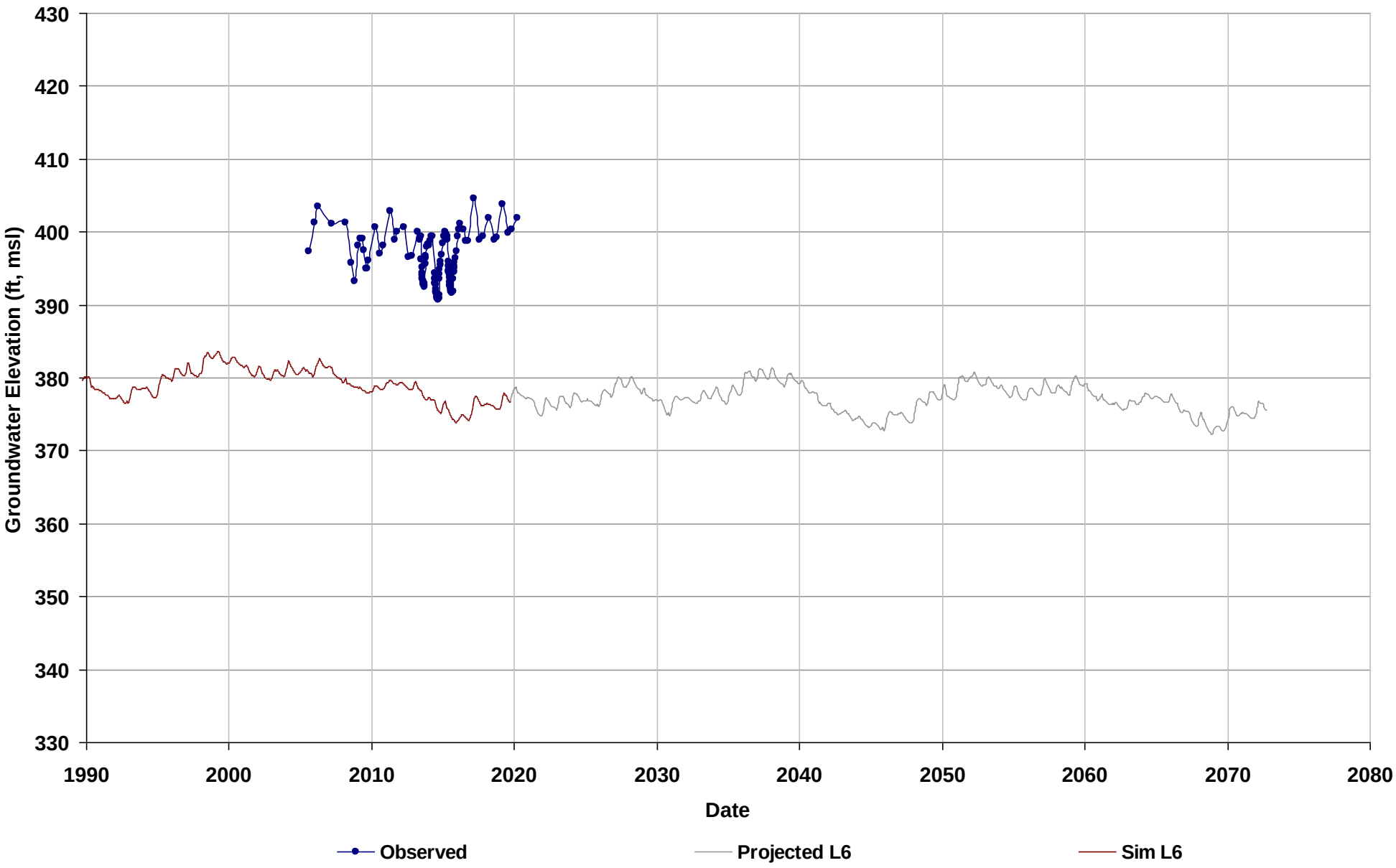
Well Name: 29N04W03R003M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 696
Perf Top (ft): 515
Perf Bottom (ft): 660
Top Model Layer: 6
Bottom Model Layer: 6



Well Name: 30N04W22F004M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 447

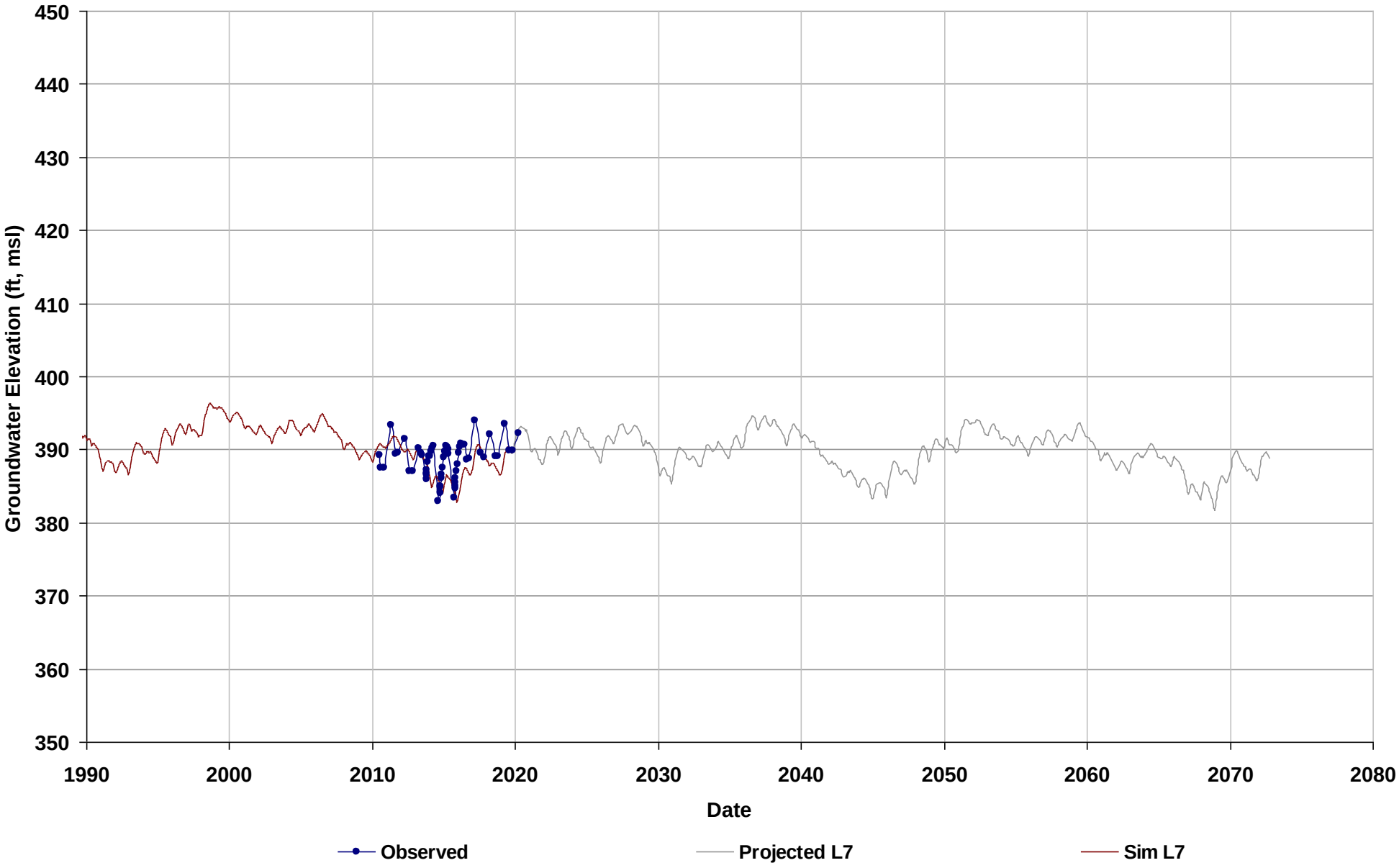
Total Depth (ft): 540
Perf Top (ft): 480
Perf Bottom (ft): 540
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use)

Well Name: 29N04W03R002M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 917
Perf Top (ft): 740
Perf Bottom (ft): 880
Top Model Layer: 7
Bottom Model Layer: 7



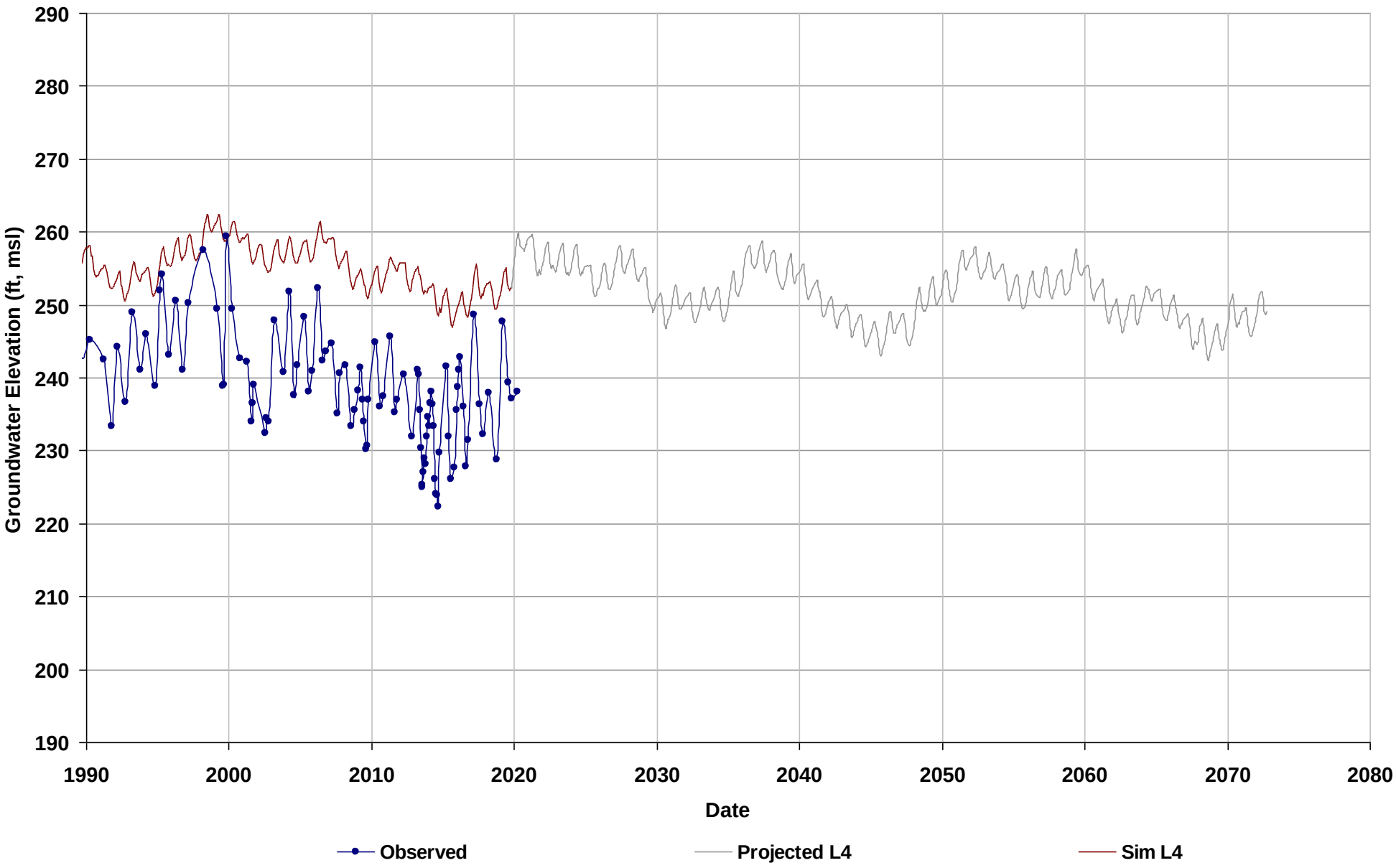
APPENDIX E-3

Tehama IHM Simulated Groundwater Levels:

Projected (Future Land Use) Model Results

Well Name: 27N03W23D001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 271

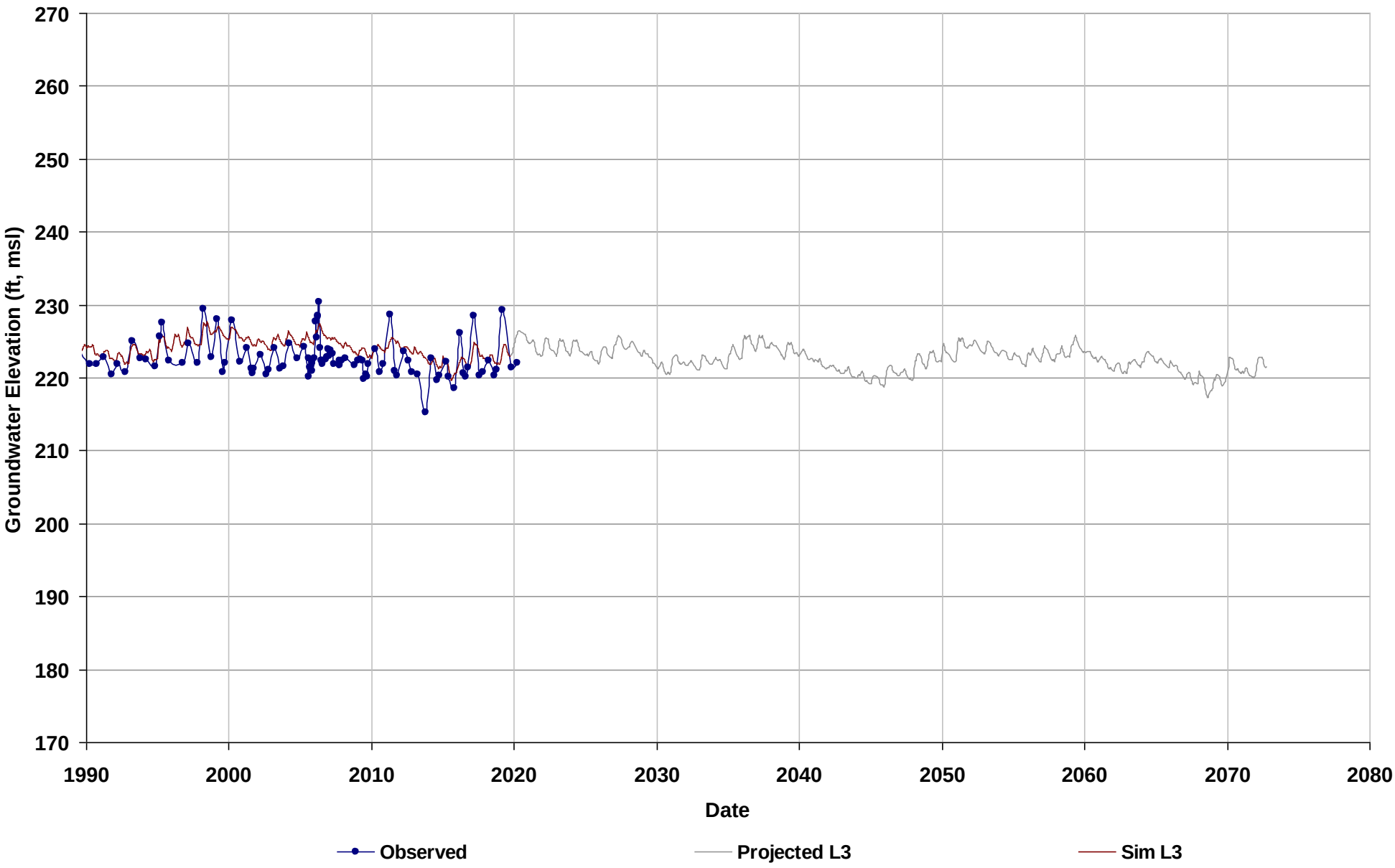
Total Depth (ft): 250
Perf Top (ft): 30
Perf Bottom (ft): 155
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

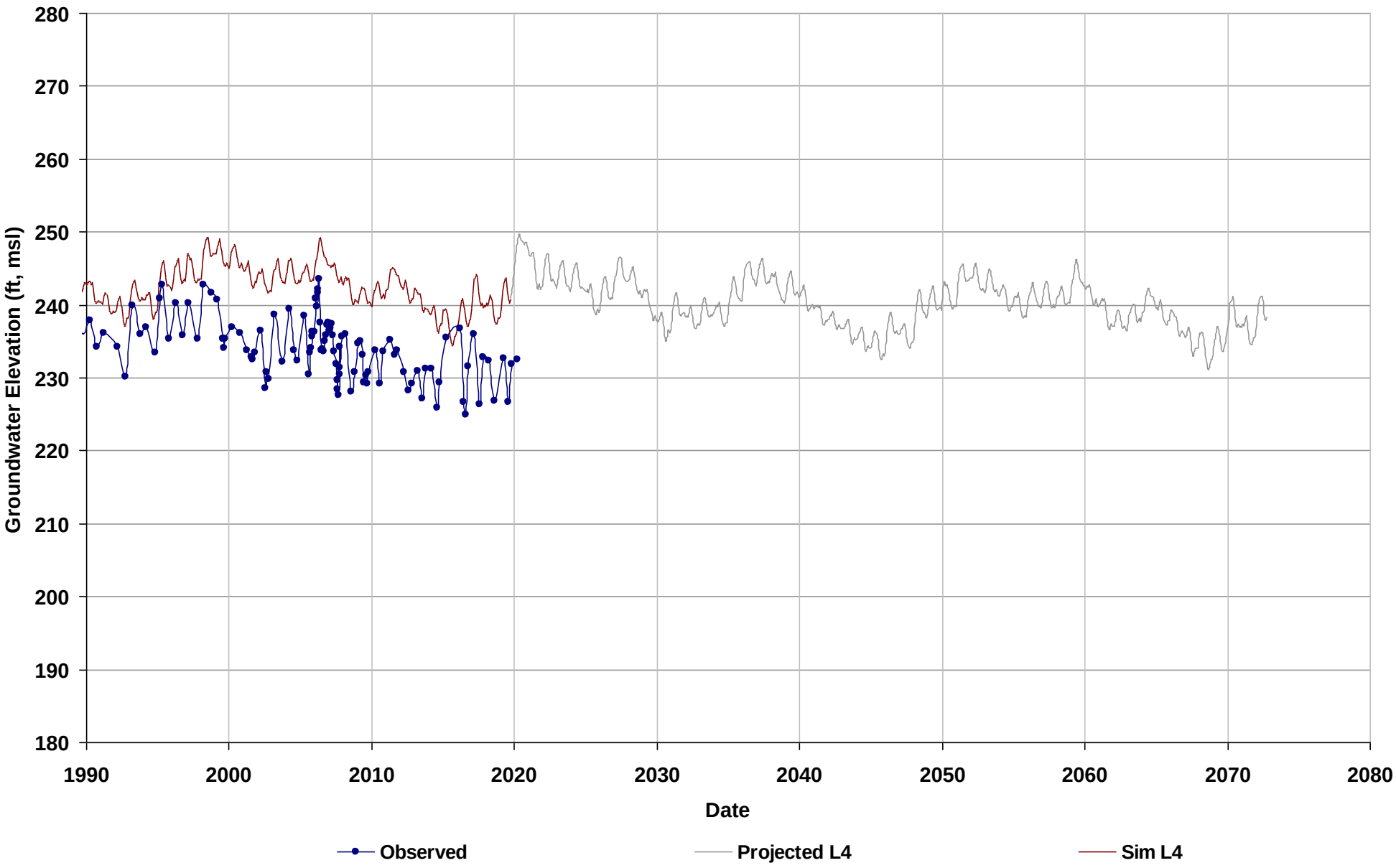
Well Name: 26N02W17E001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 240

Total Depth (ft): 145
Perf Top (ft): 55
Perf Bottom (ft): 145
Top Model Layer: 3
Bottom Model Layer: 3



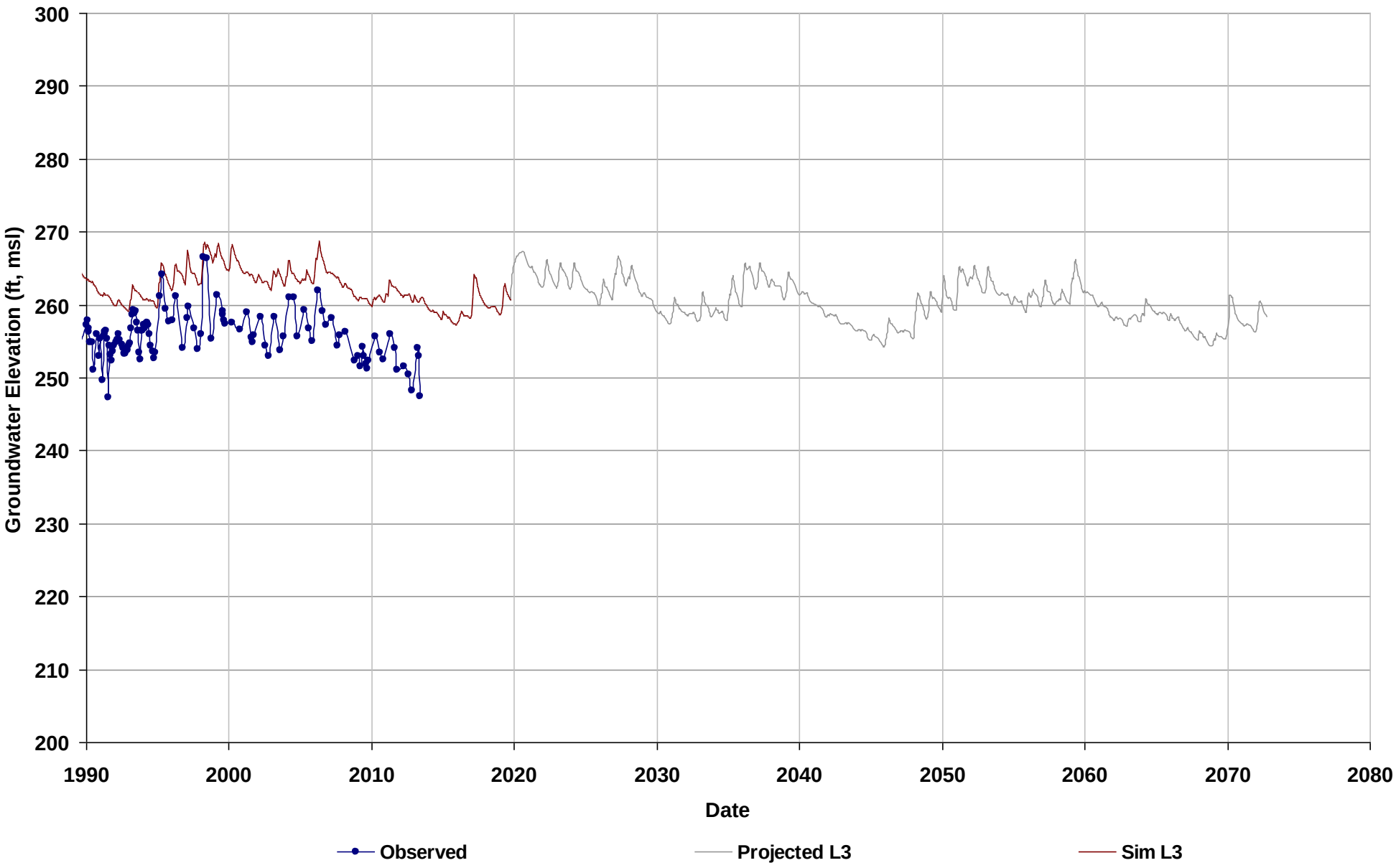
Well Name: 27N02W31C001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 263

Total Depth (ft): 540
Perf Top (ft): 40
Perf Bottom (ft): 289
Top Model Layer: 4
Bottom Model Layer: 4



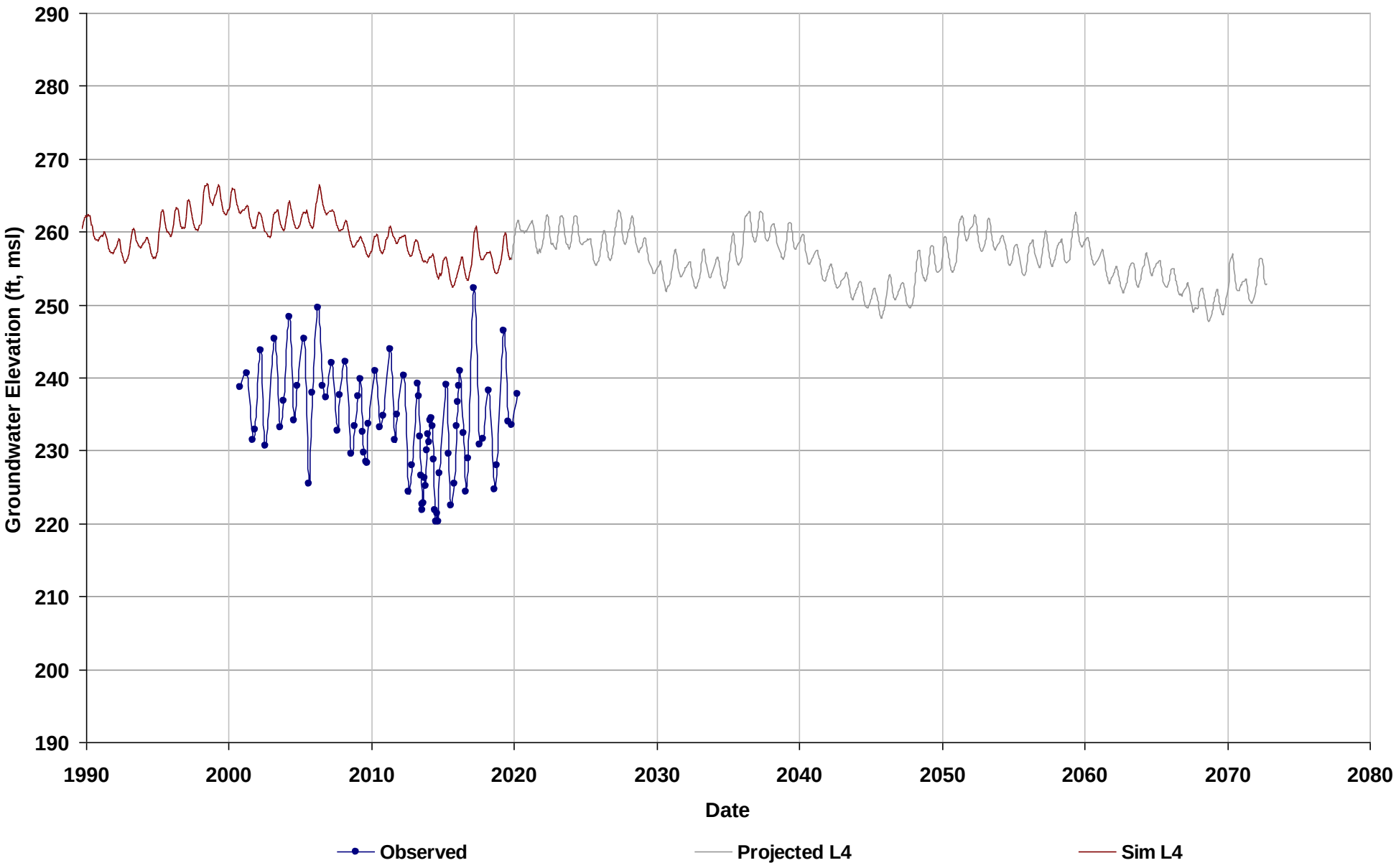
Well Name: 27N03W10B001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 312

Total Depth (ft): 92
Perf Top (ft): 80
Perf Bottom (ft): 92
Top Model Layer: 3
Bottom Model Layer: 3



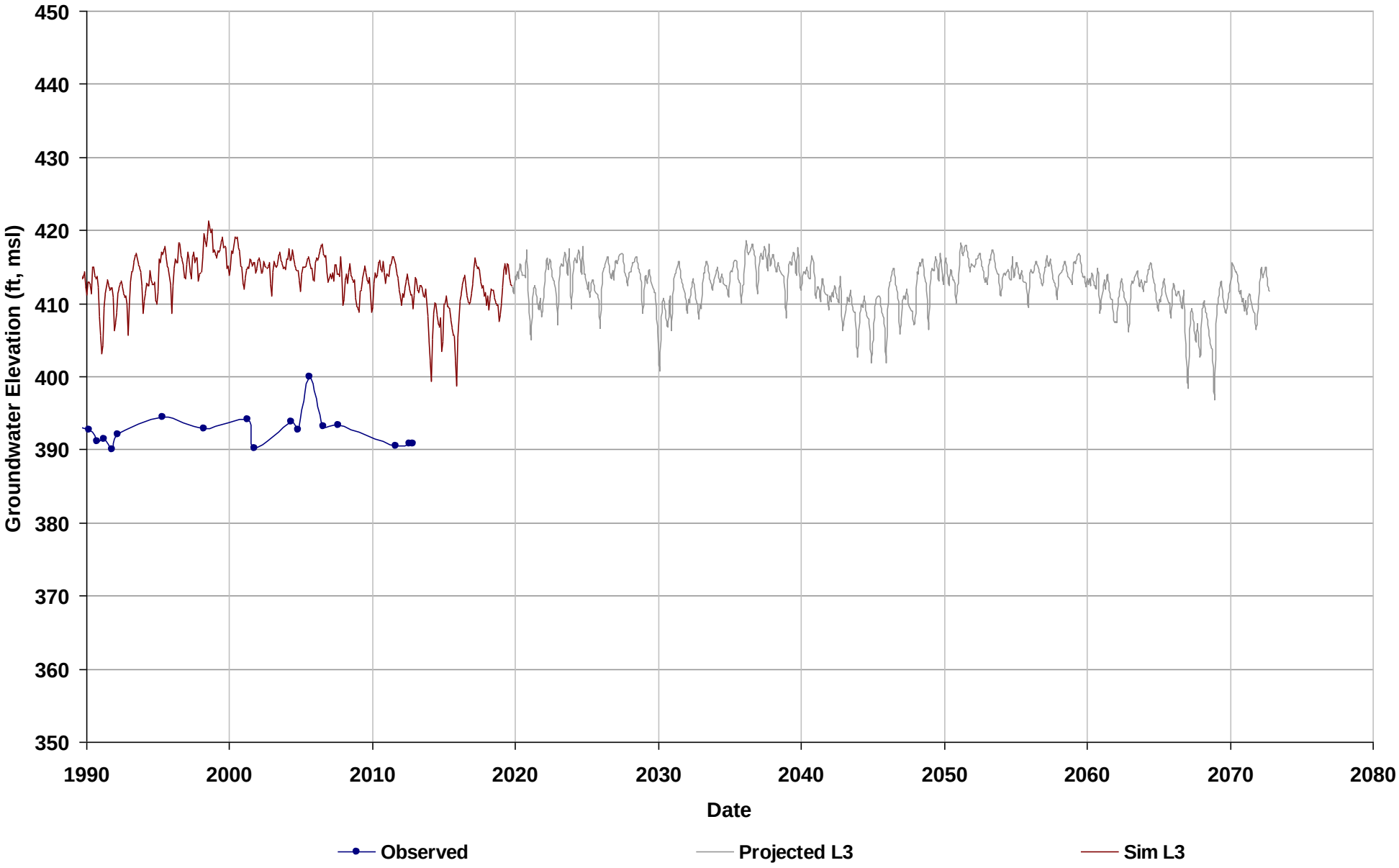
Well Name: 27N03W16K003M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 273

Total Depth (ft): 137
Perf Top (ft): 117
Perf Bottom (ft): 137
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 29N04W15E002M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 427

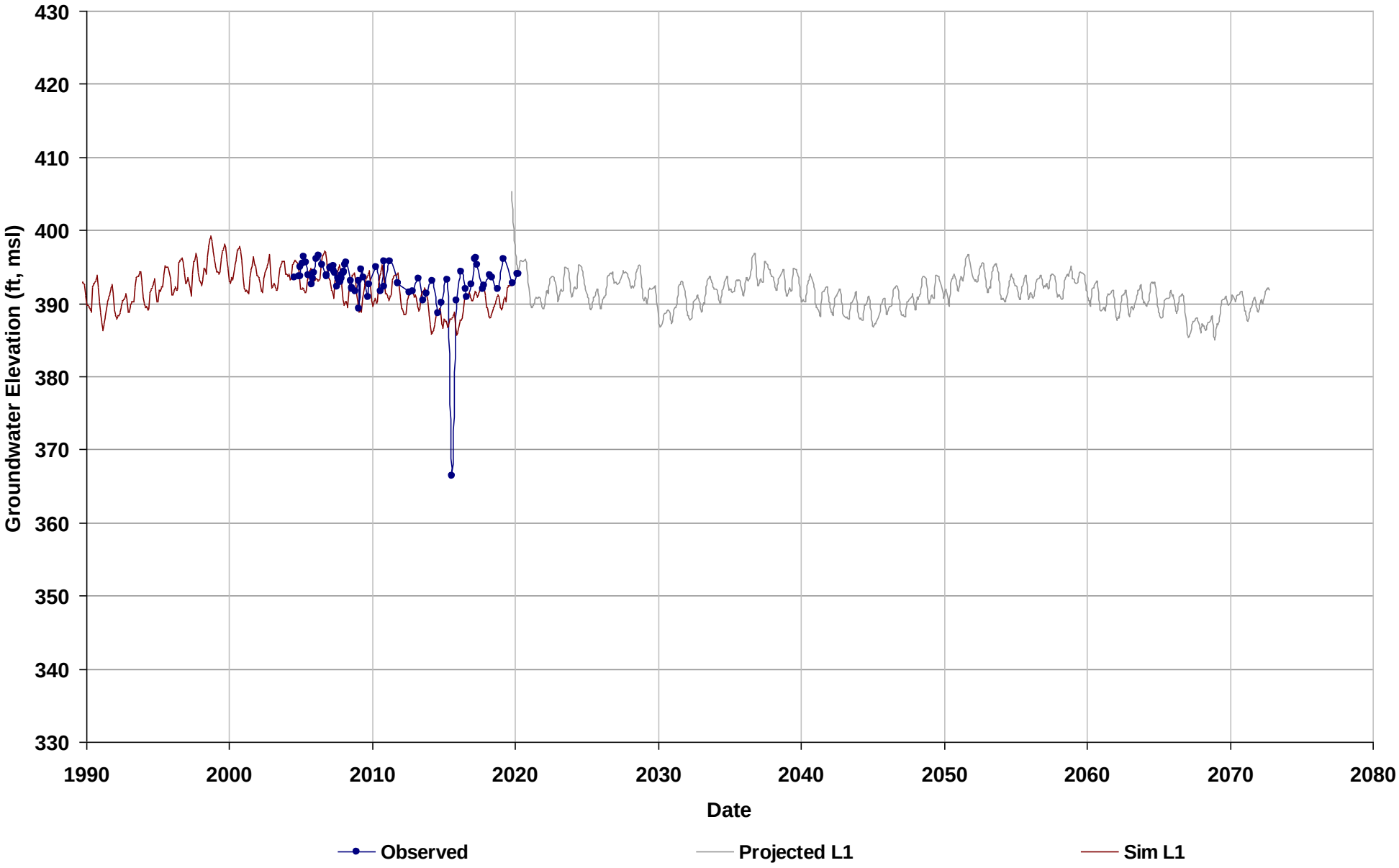
Total Depth (ft): 90
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use)

Well Name: 29N03W18M001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 418

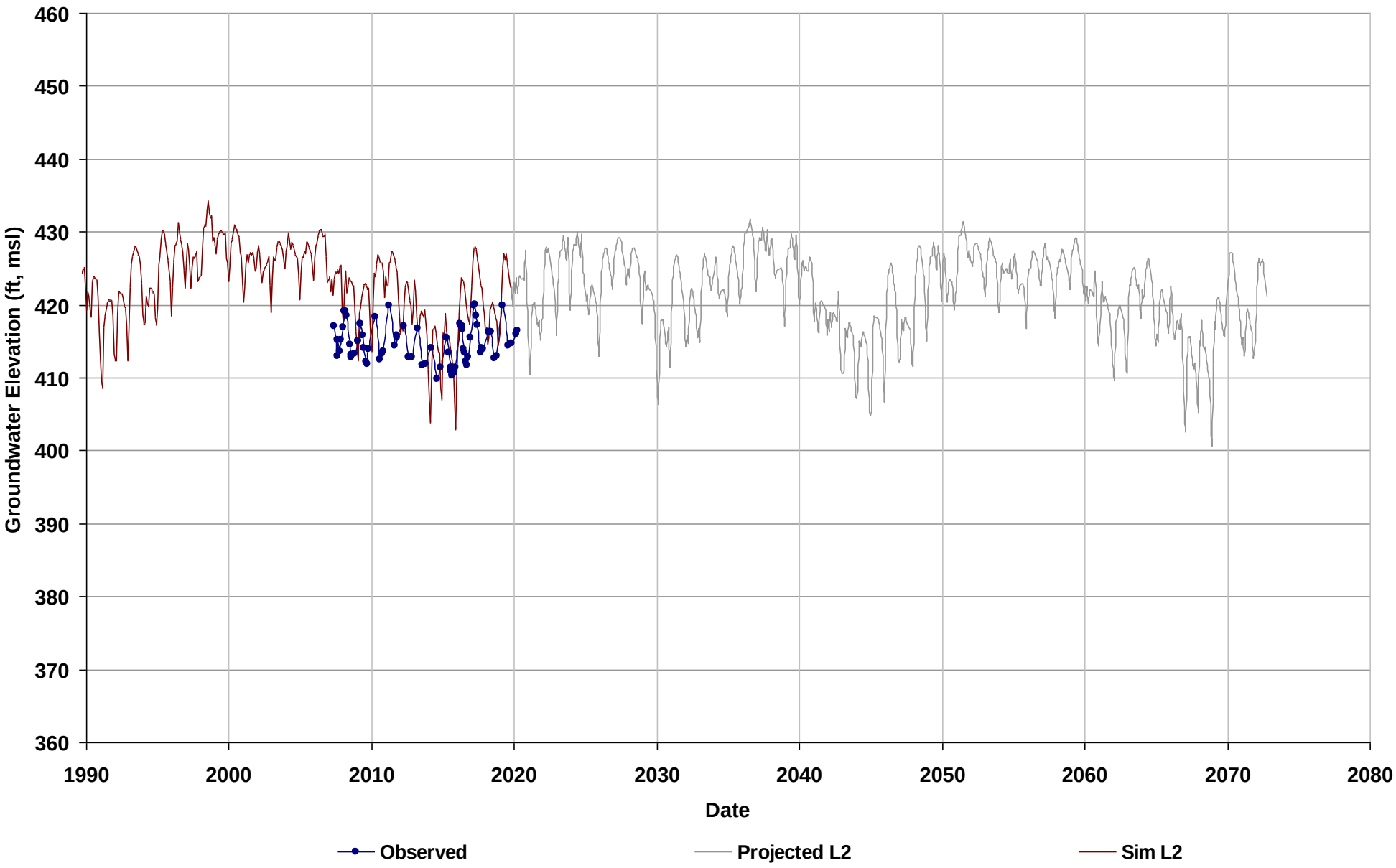
Total Depth (ft): 234
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Future Land Use)

Well Name: 29N04W20A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

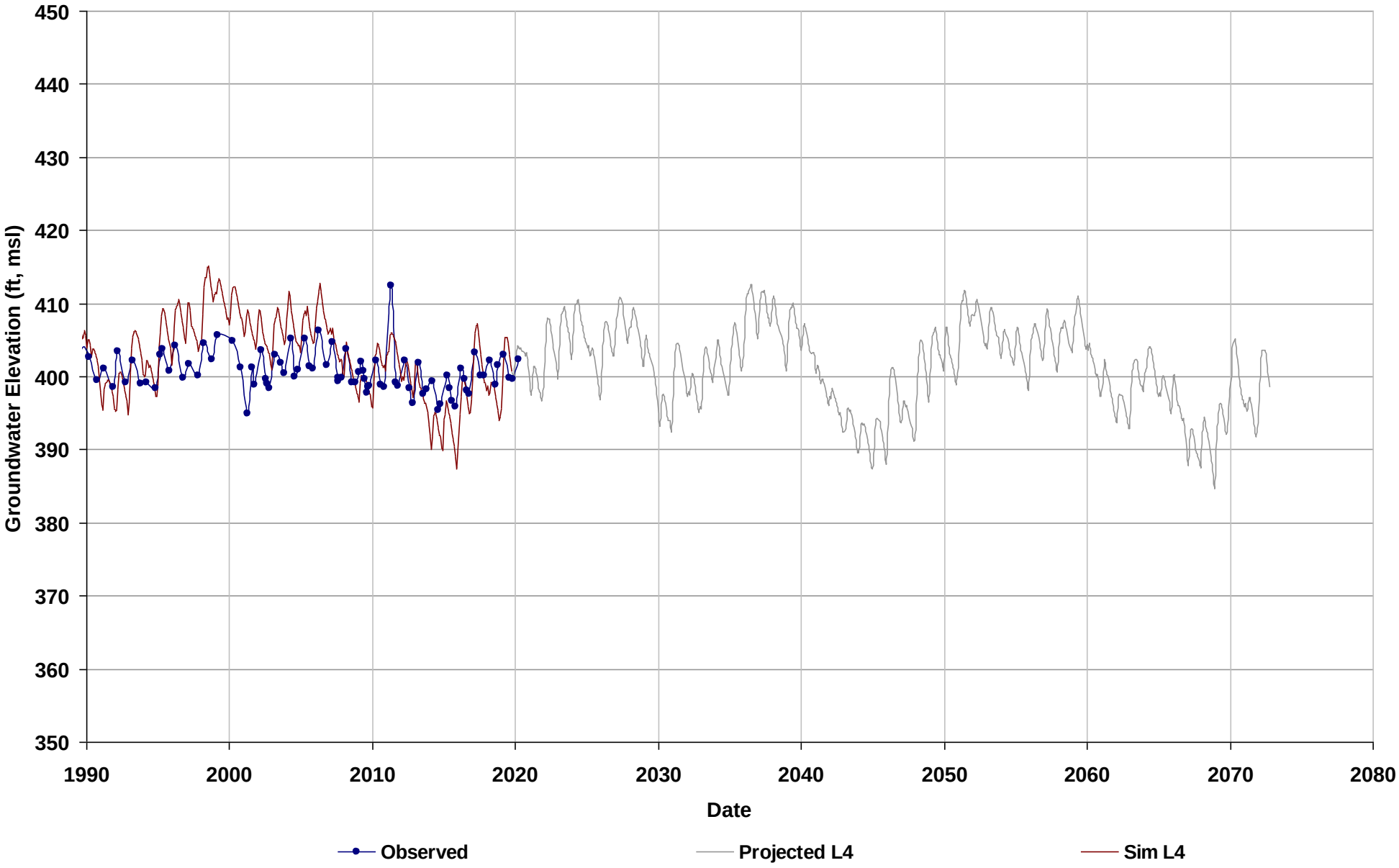
Total Depth (ft): 76
Perf Top (ft): 50
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use)

Well Name: 29N04W28D001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 502

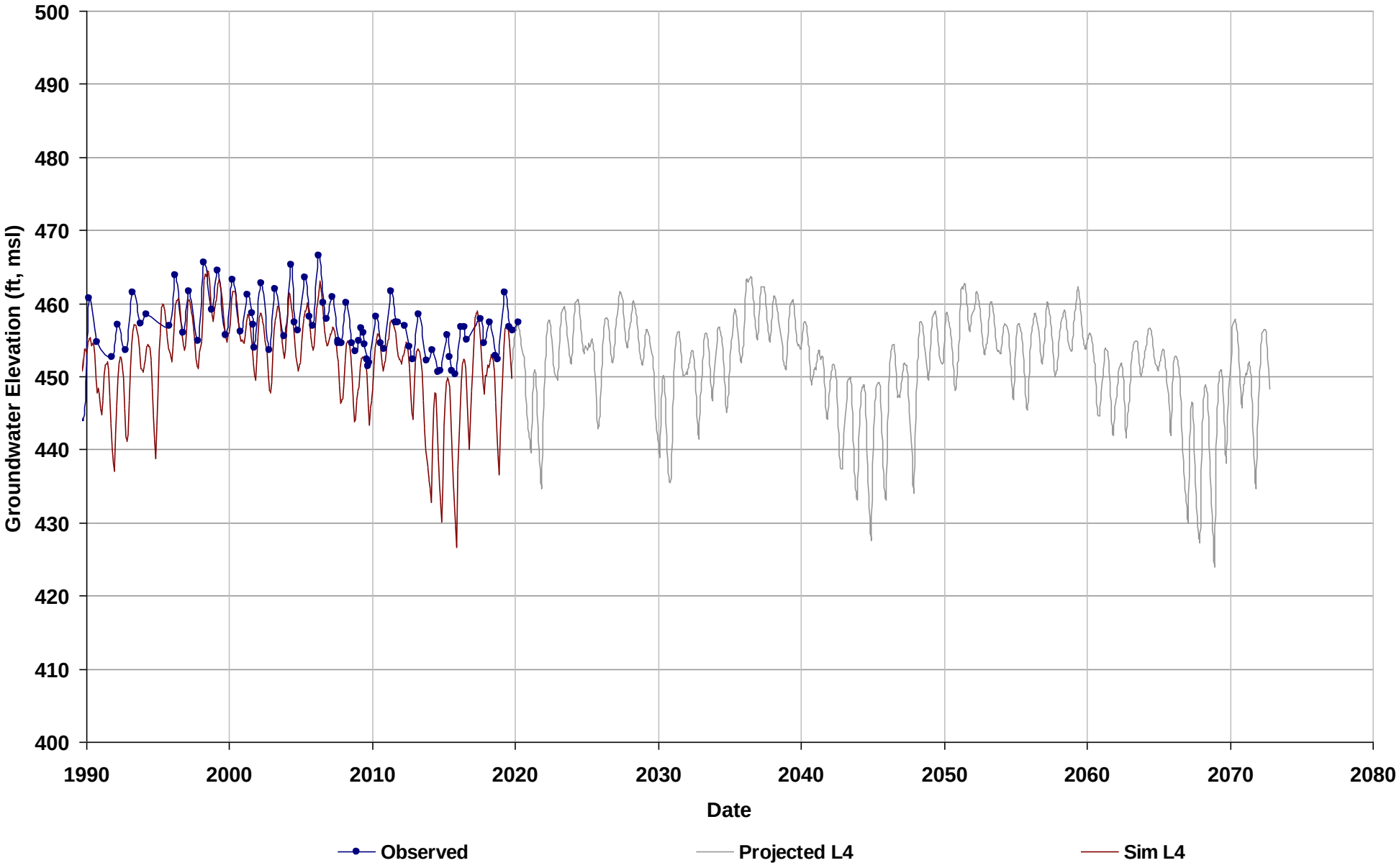
Total Depth (ft): 134
Perf Top (ft): 114
Perf Bottom (ft): 134
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

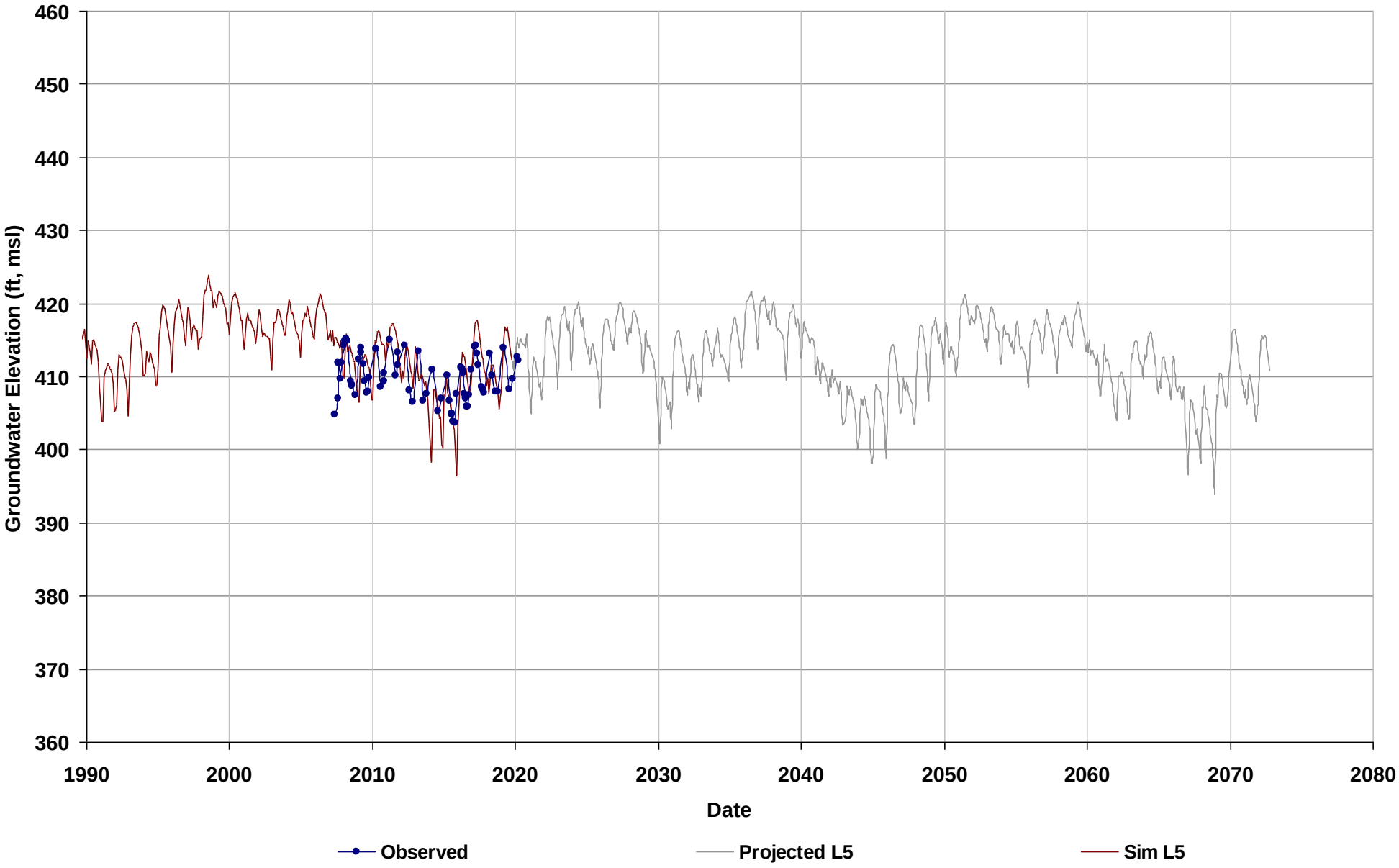
Well Name: 29N05W14L001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 492

Total Depth (ft): 130
Perf Top (ft): 110
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



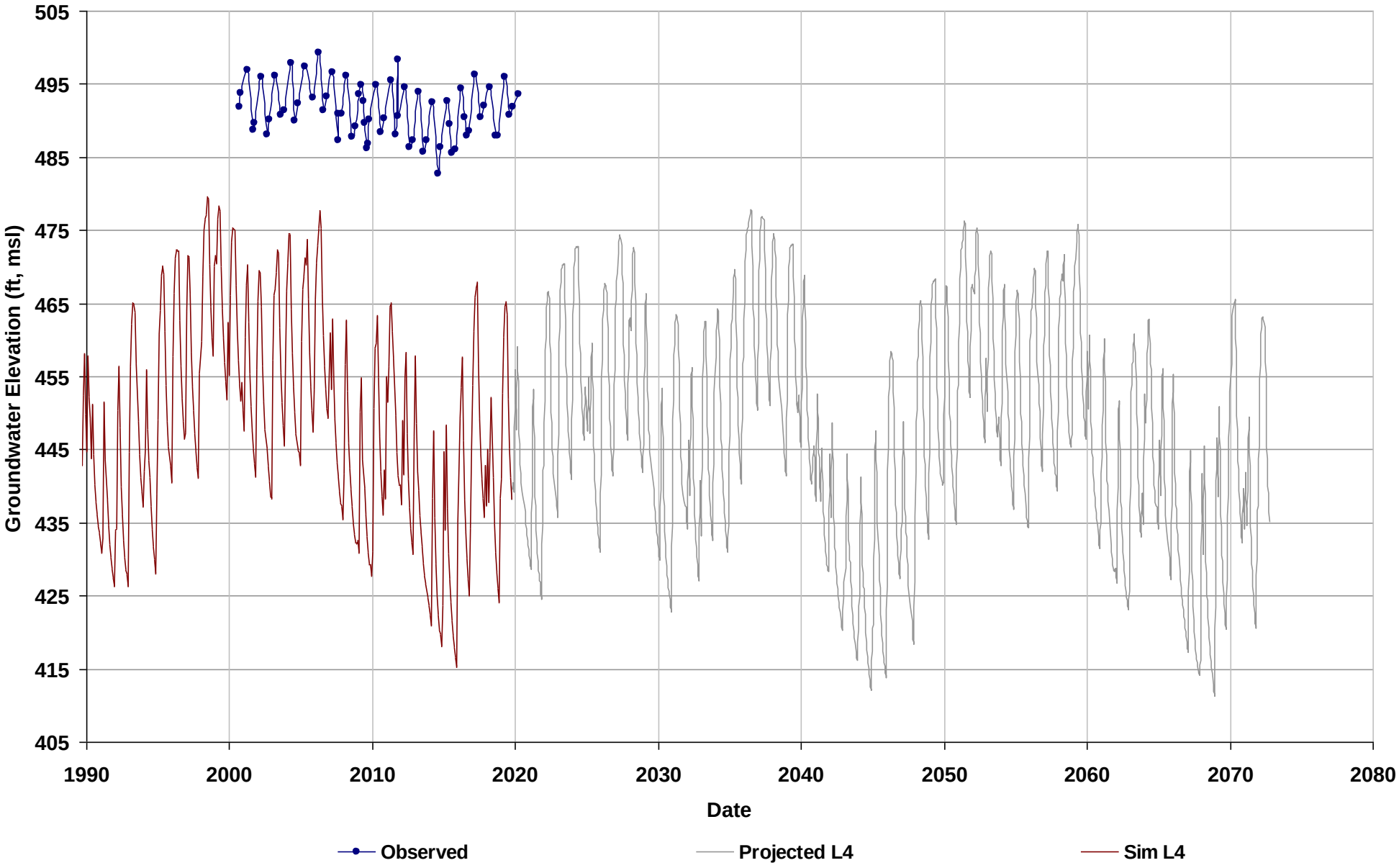
Well Name: 29N04W20A003M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 194
Perf Top (ft): 154
Perf Bottom (ft): 189
Top Model Layer: 5
Bottom Model Layer: 5



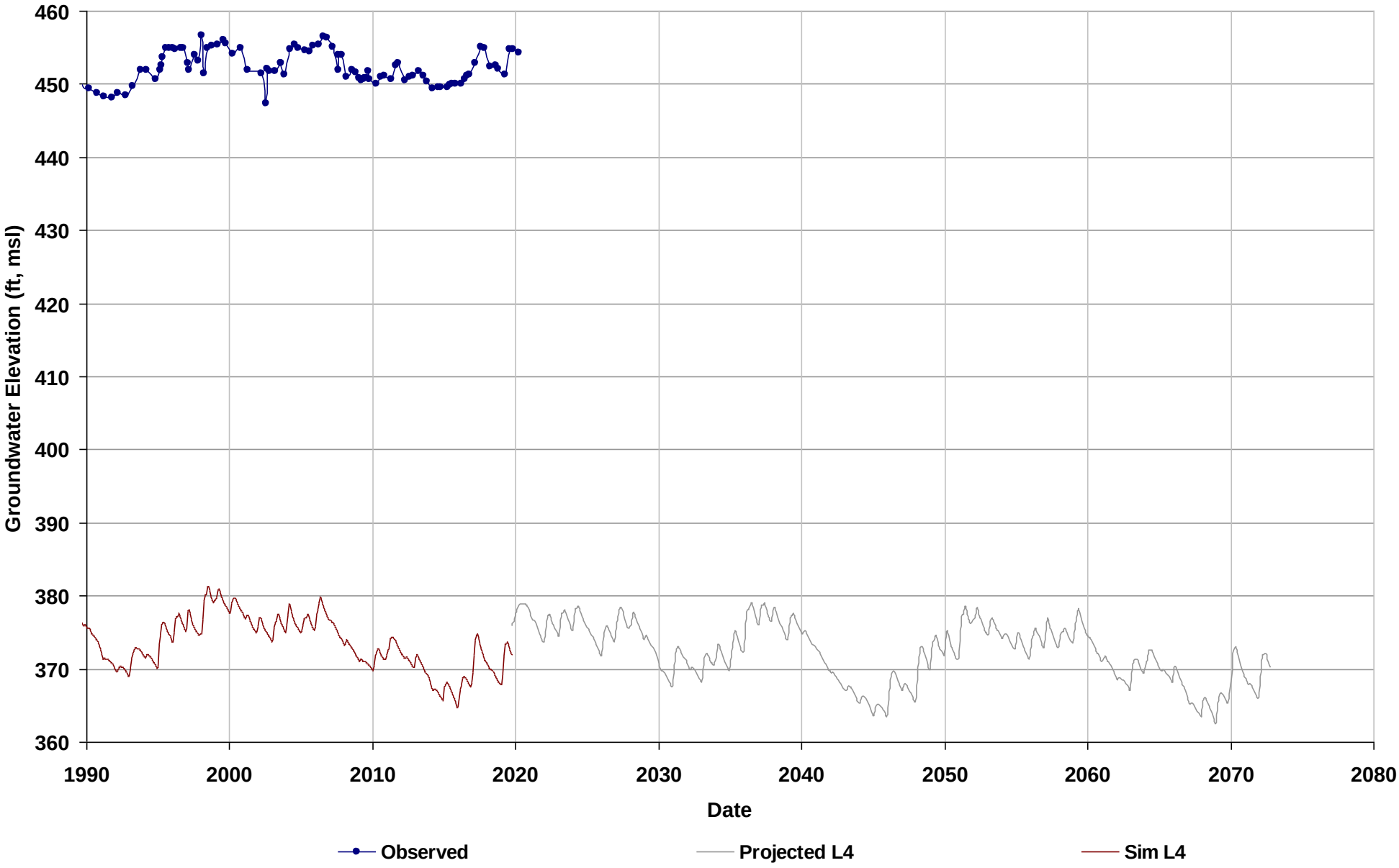
Well Name: 29N05W33A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 534

Total Depth (ft): 210
Perf Top (ft): 110
Perf Bottom (ft): 210
Top Model Layer: 4
Bottom Model Layer: 4



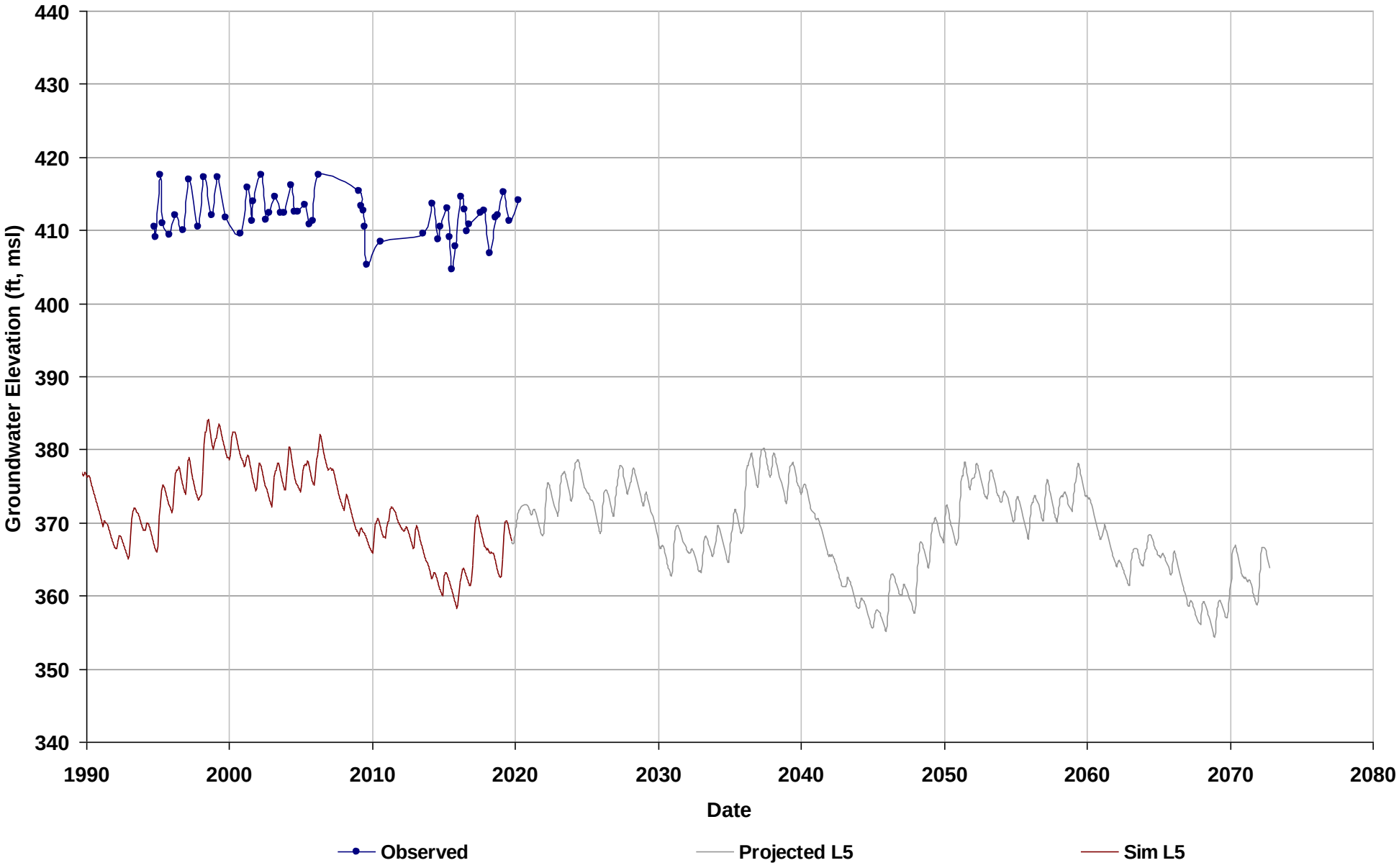
Well Name: 29N04W35B001M
Depth Zone: Composite
Subbasin: Bowman
GSE (ft, msl): 537

Total Depth (ft): 759
Perf Top (ft): 130
Perf Bottom (ft): 759
Top Model Layer: 4
Bottom Model Layer: 4



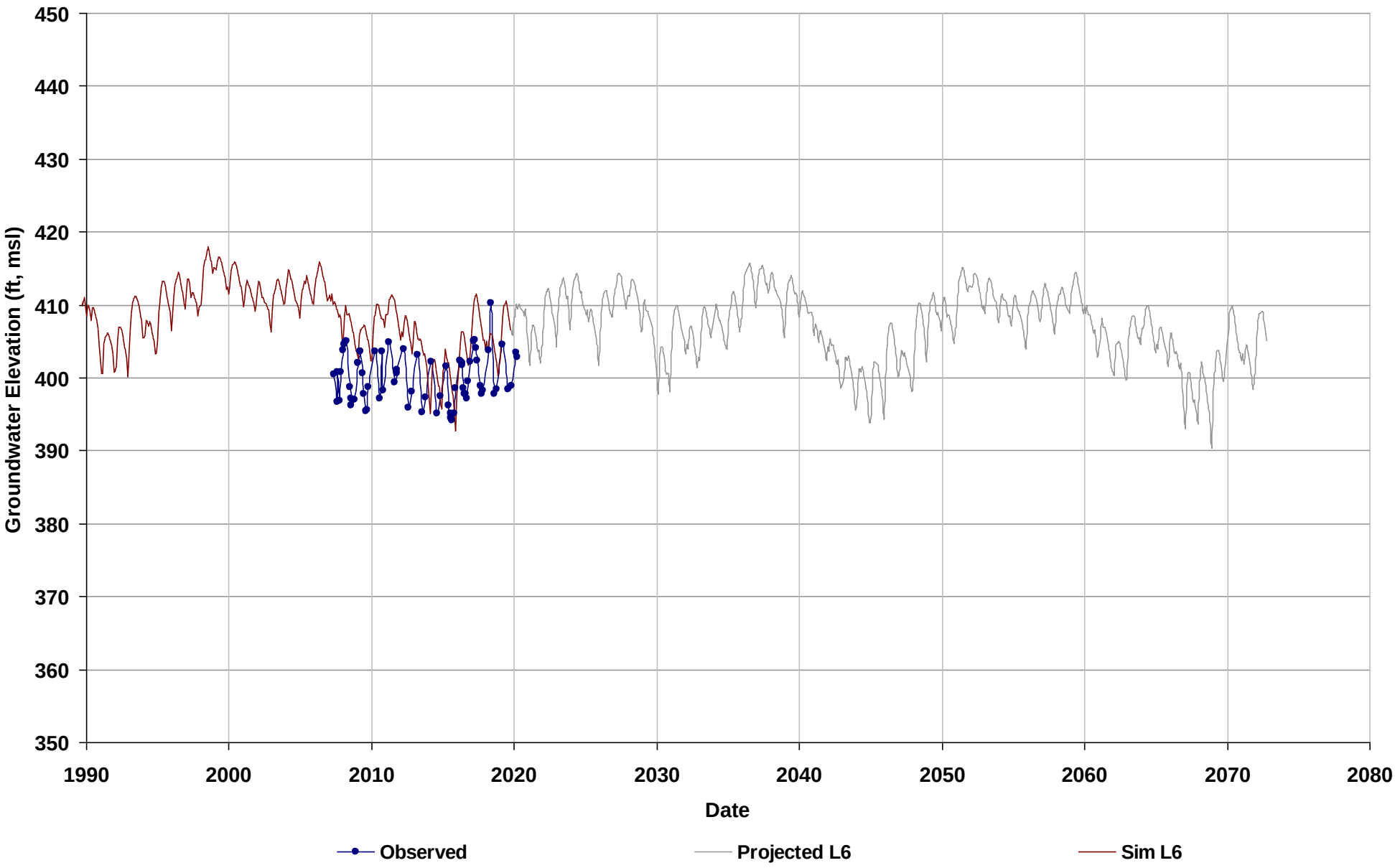
Well Name: 28N04W04P001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 537

Total Depth (ft): 270
Perf Top (ft): 200
Perf Bottom (ft): 270
Top Model Layer: 5
Bottom Model Layer: 5



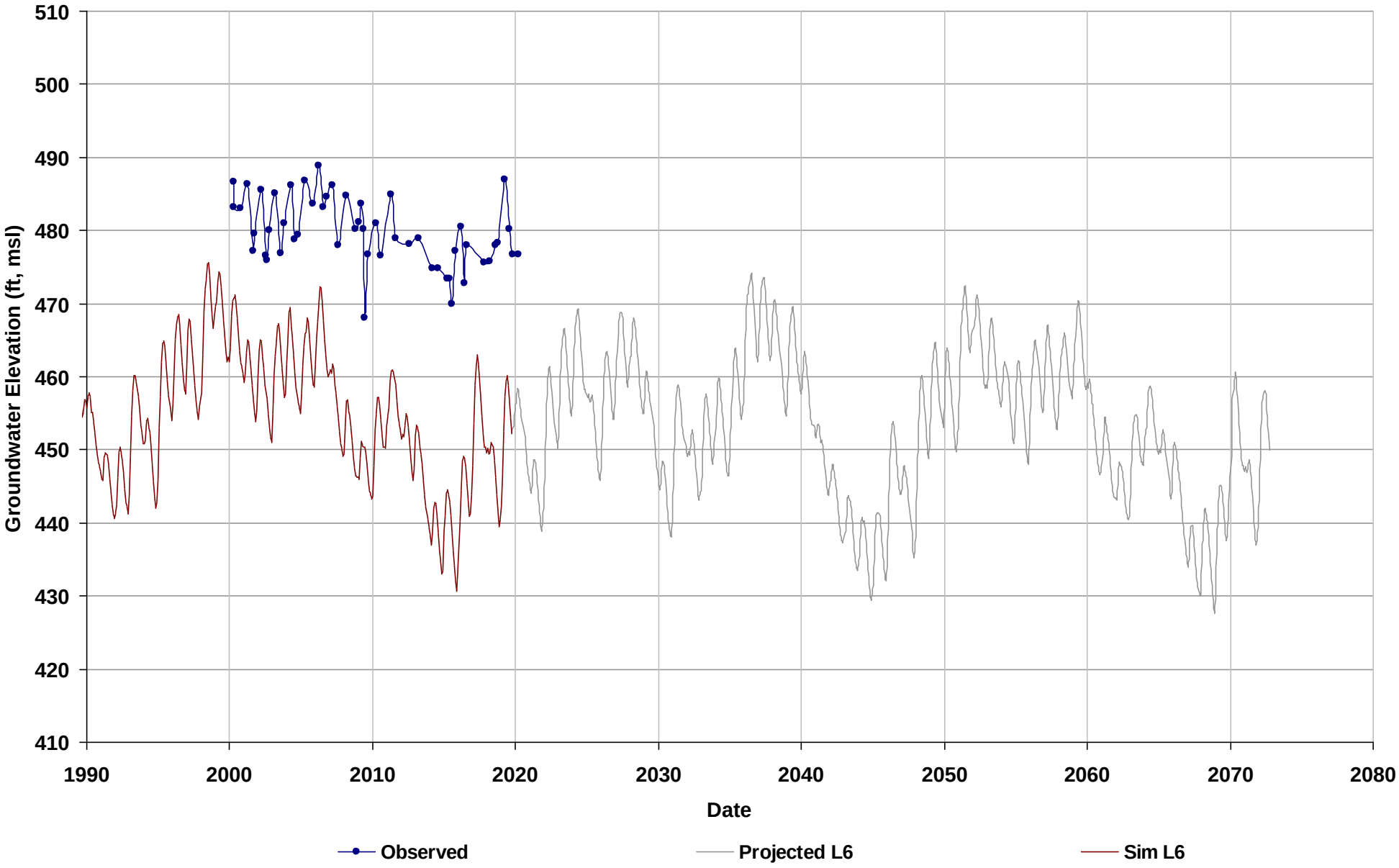
Well Name: 29N04W20A002M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 451
Perf Top (ft): 360
Perf Bottom (ft): 430
Top Model Layer: 6
Bottom Model Layer: 6



Well Name: 29N05W21H001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 622

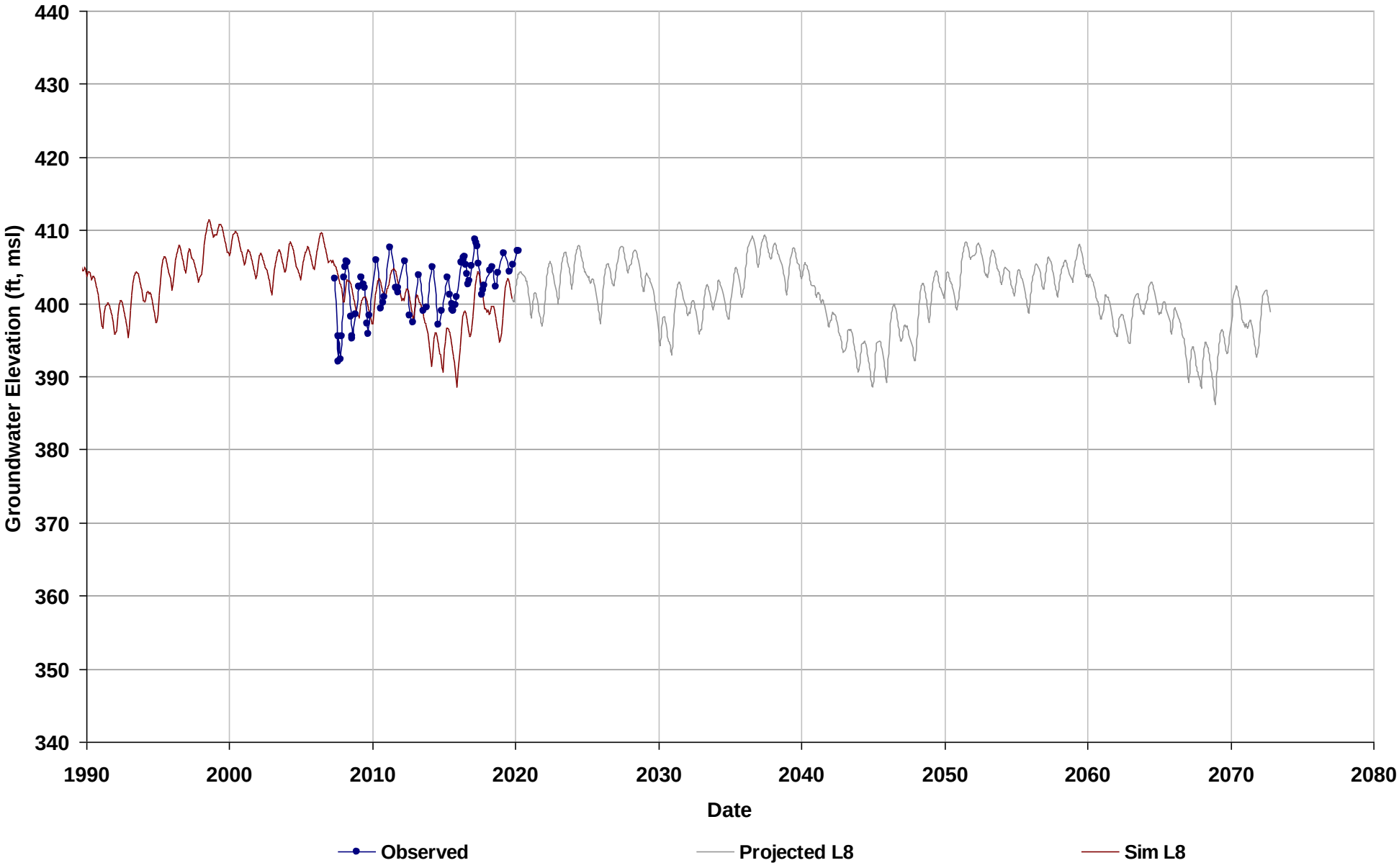
Total Depth (ft): 280
Perf Top (ft): 250
Perf Bottom (ft): 280
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use)

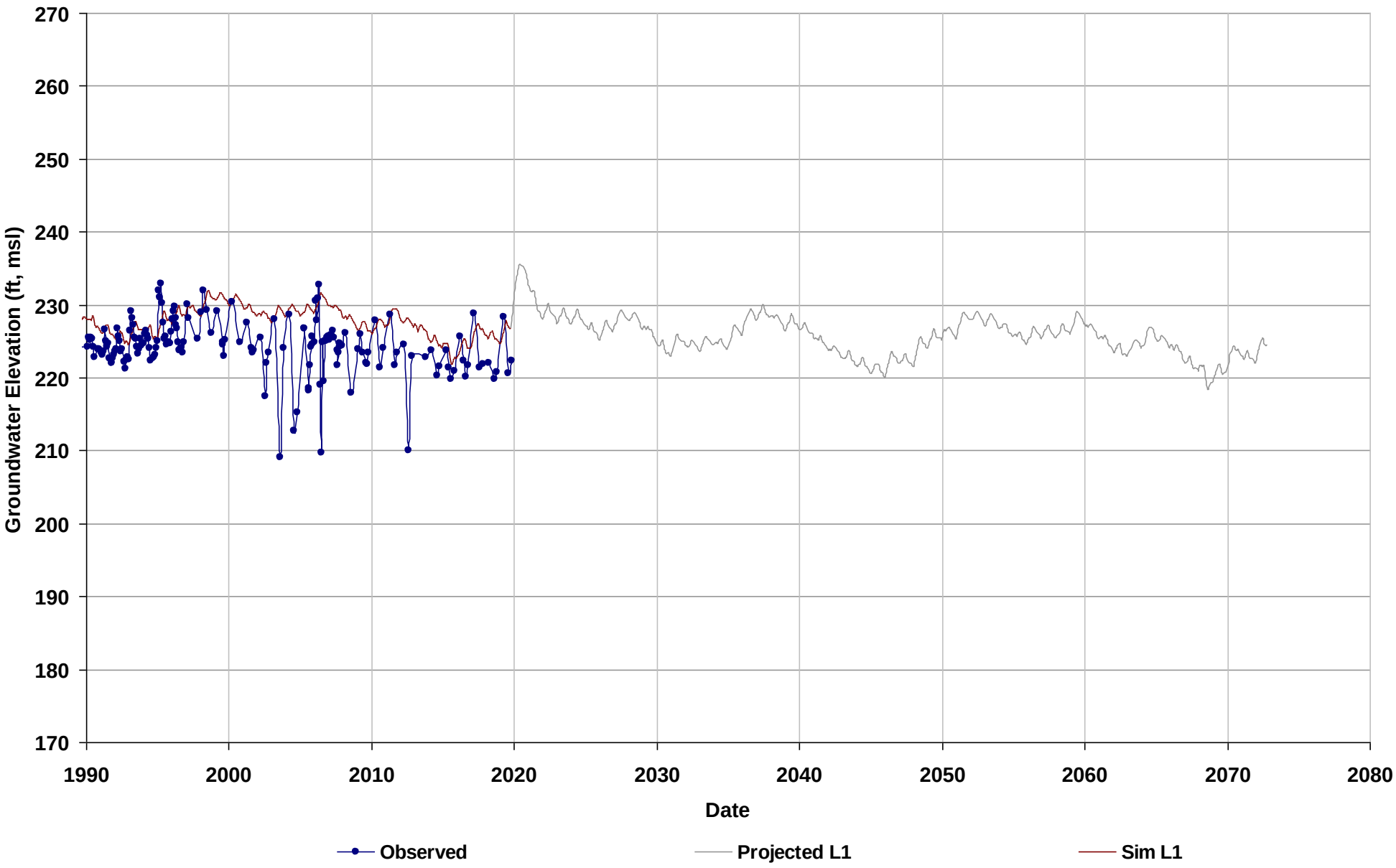
Well Name: 29N04W20A001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 876
Perf Top (ft): 755
Perf Bottom (ft): 855
Top Model Layer: 8
Bottom Model Layer: 8



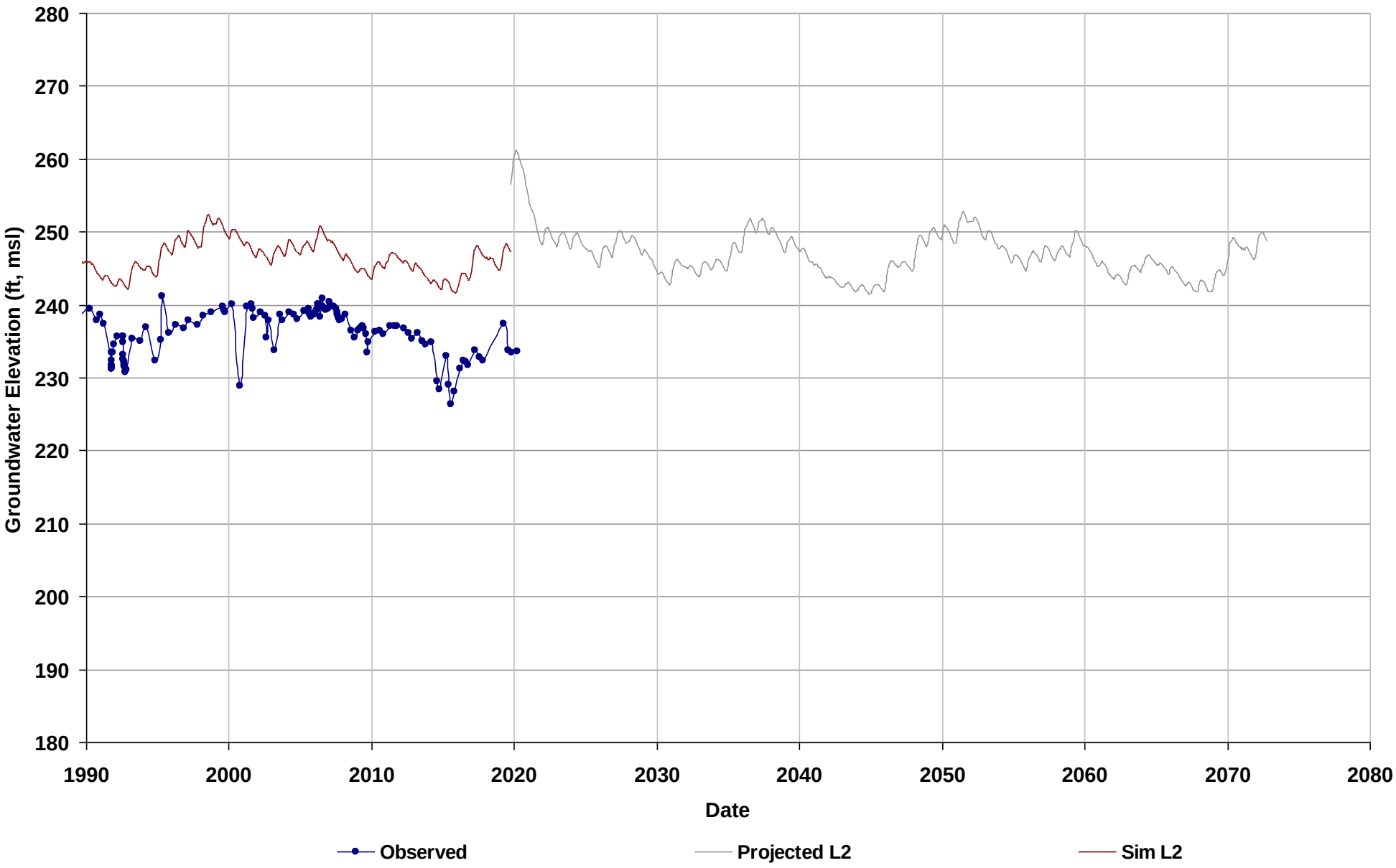
Well Name: 26N02W16C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 242

Total Depth (ft): 50
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Well Name: 26N02W14G001M
Depth Zone: Likely Composite
Subbasin: Los Molinos
GSE (ft, msl): 314

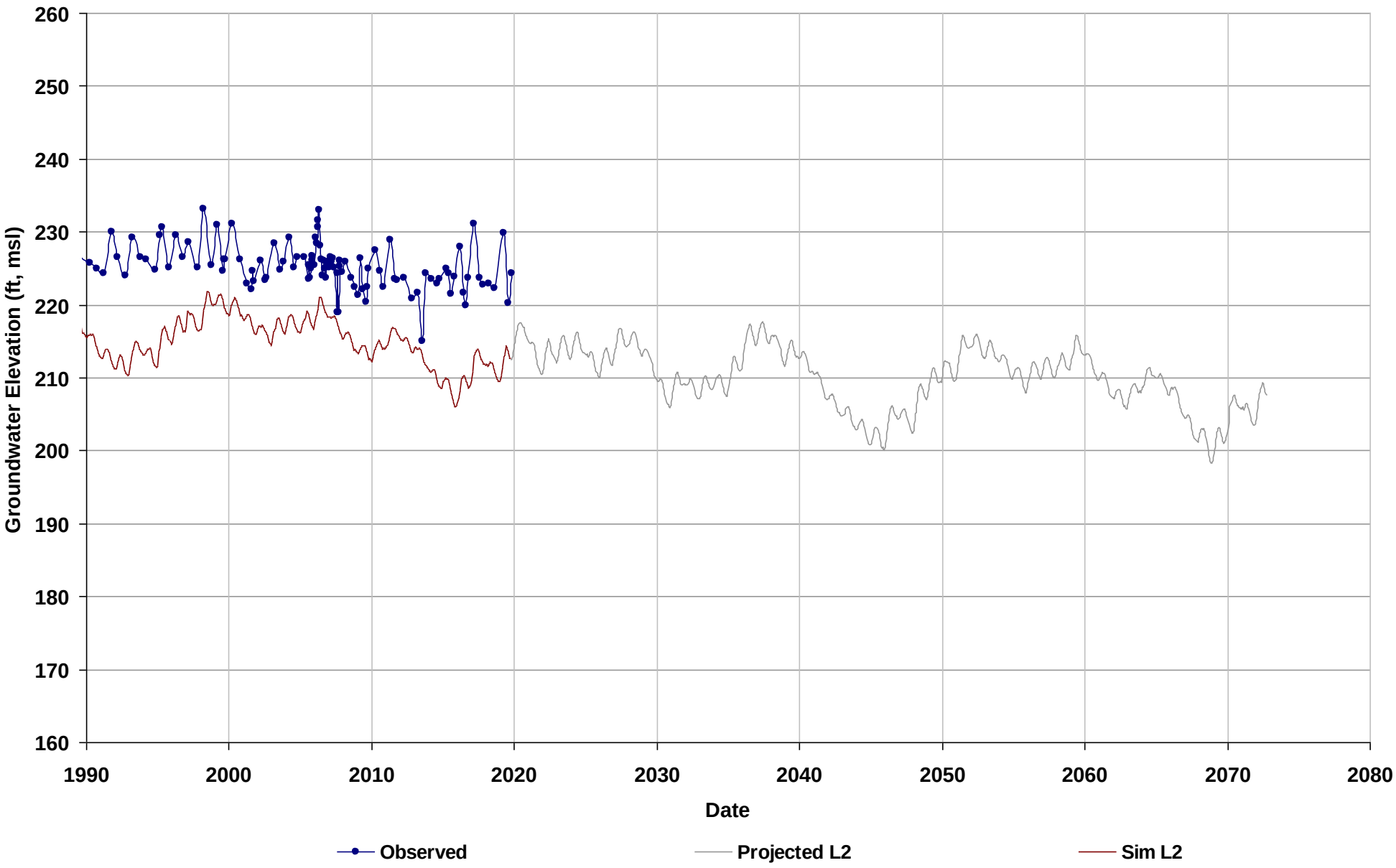
Total Depth (ft): 394
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use)

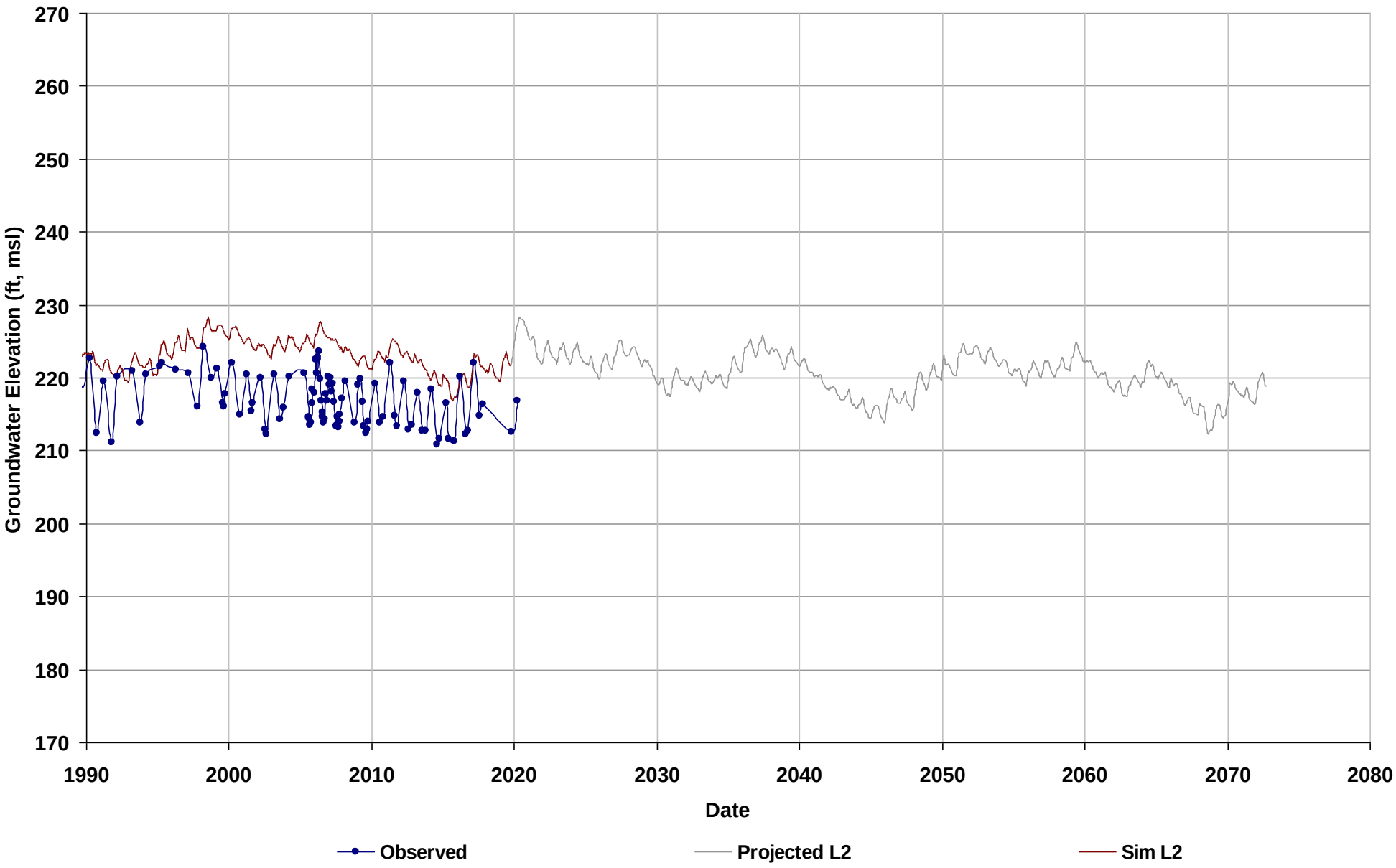
Well Name: 25N02W09G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 264

Total Depth (ft): 60
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Well Name: 26N02W21Q001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 237

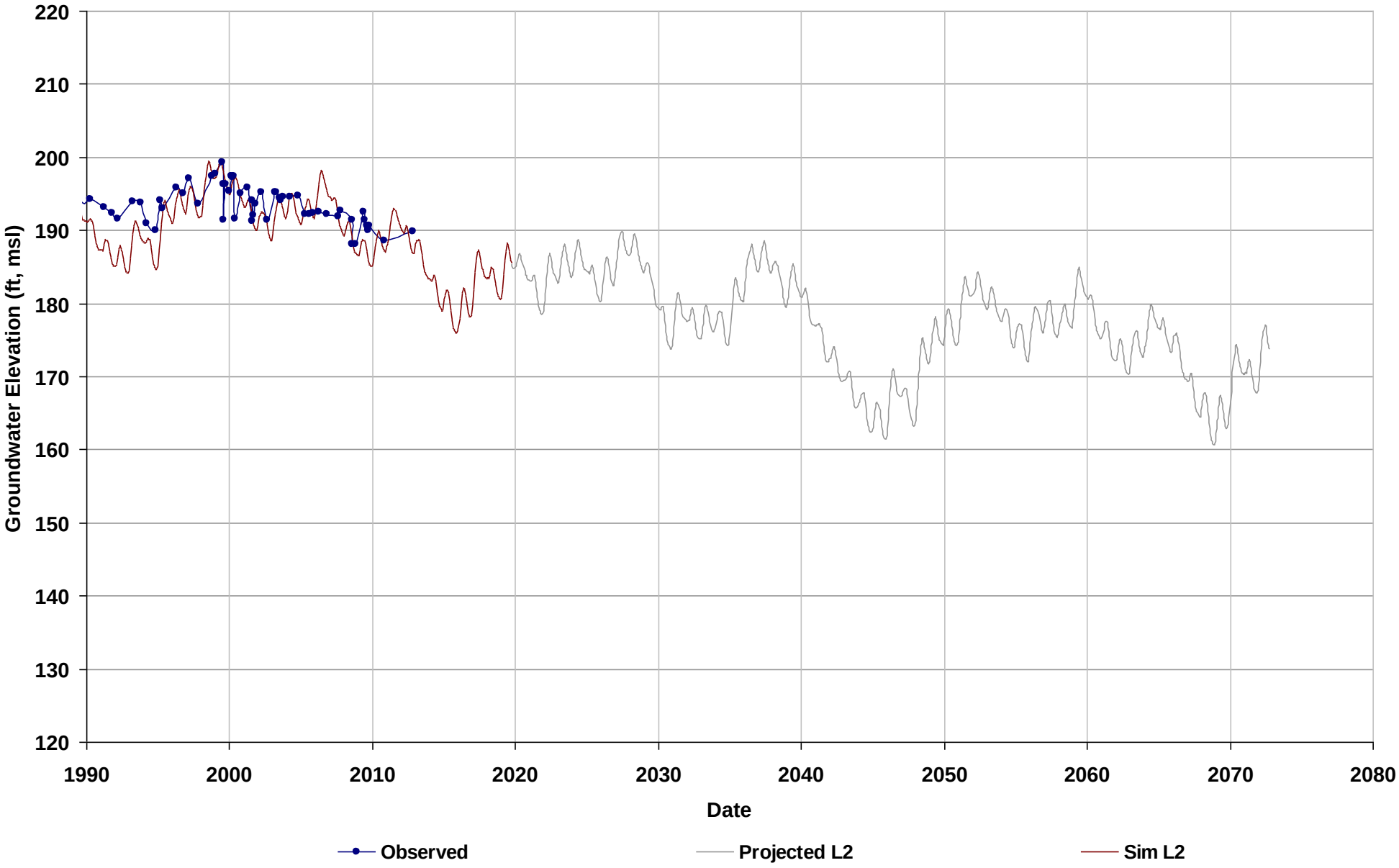
Total Depth (ft): 55
Perf Top (ft): 48
Perf Bottom (ft): 55
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use)

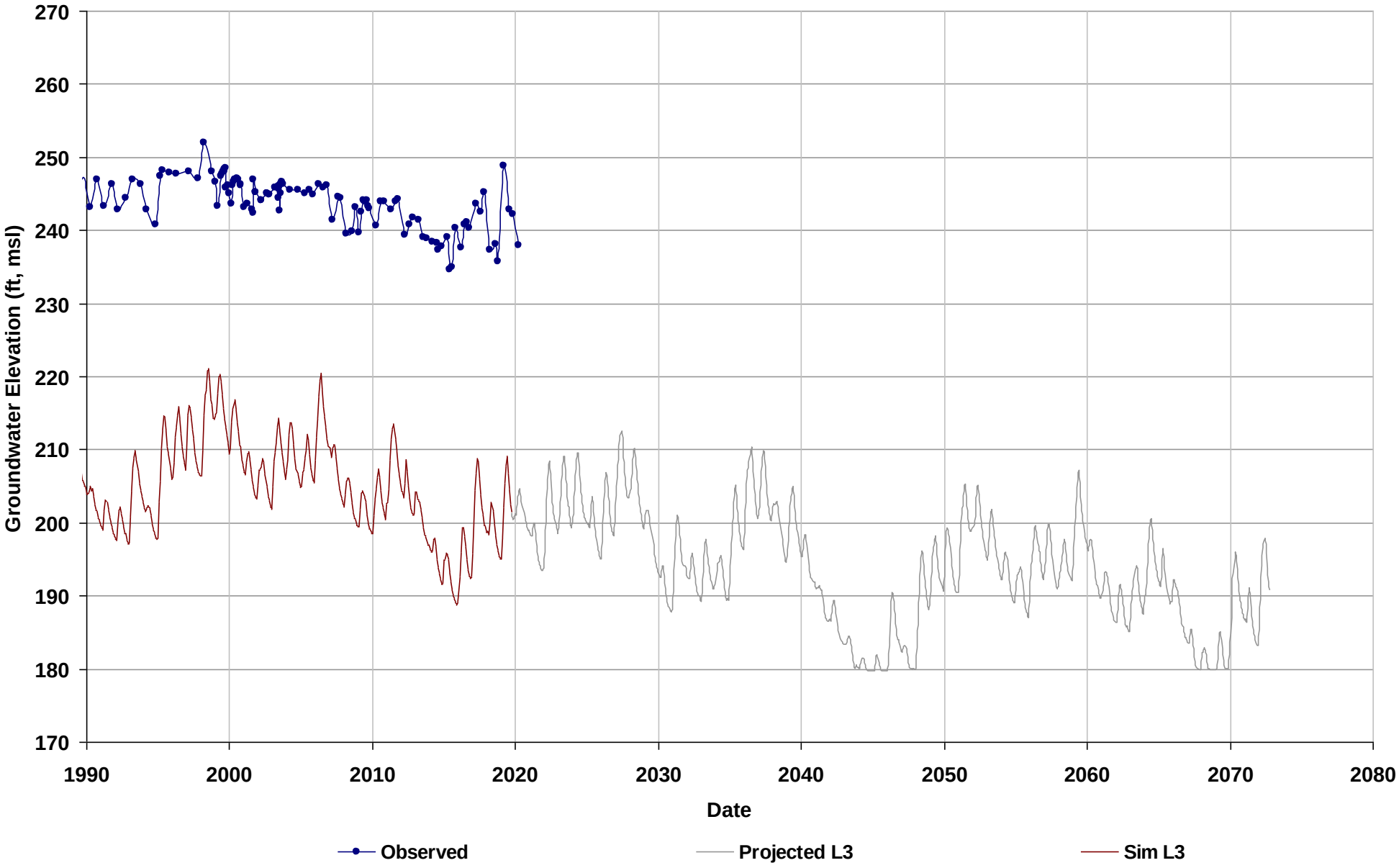
Well Name: 24N01W18N001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 256

Total Depth (ft): 102
Perf Top (ft): 64
Perf Bottom (ft): 76
Top Model Layer: 2
Bottom Model Layer: 2



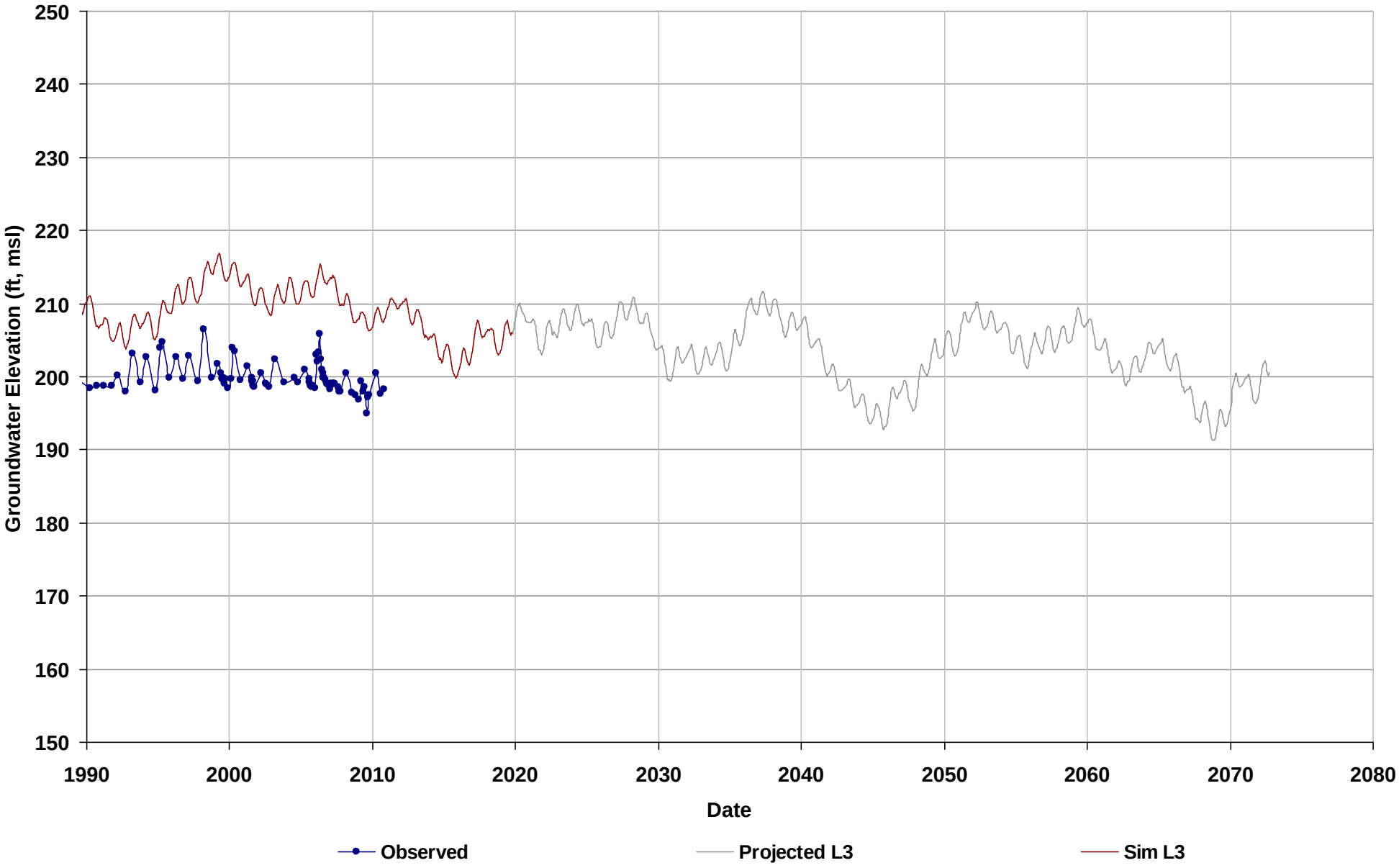
Well Name: 24N01W05Q002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 289

Total Depth (ft): 150
Perf Top (ft): 60
Perf Bottom (ft): 150
Top Model Layer: 3
Bottom Model Layer: 3



Well Name: 25N02W21B001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 212

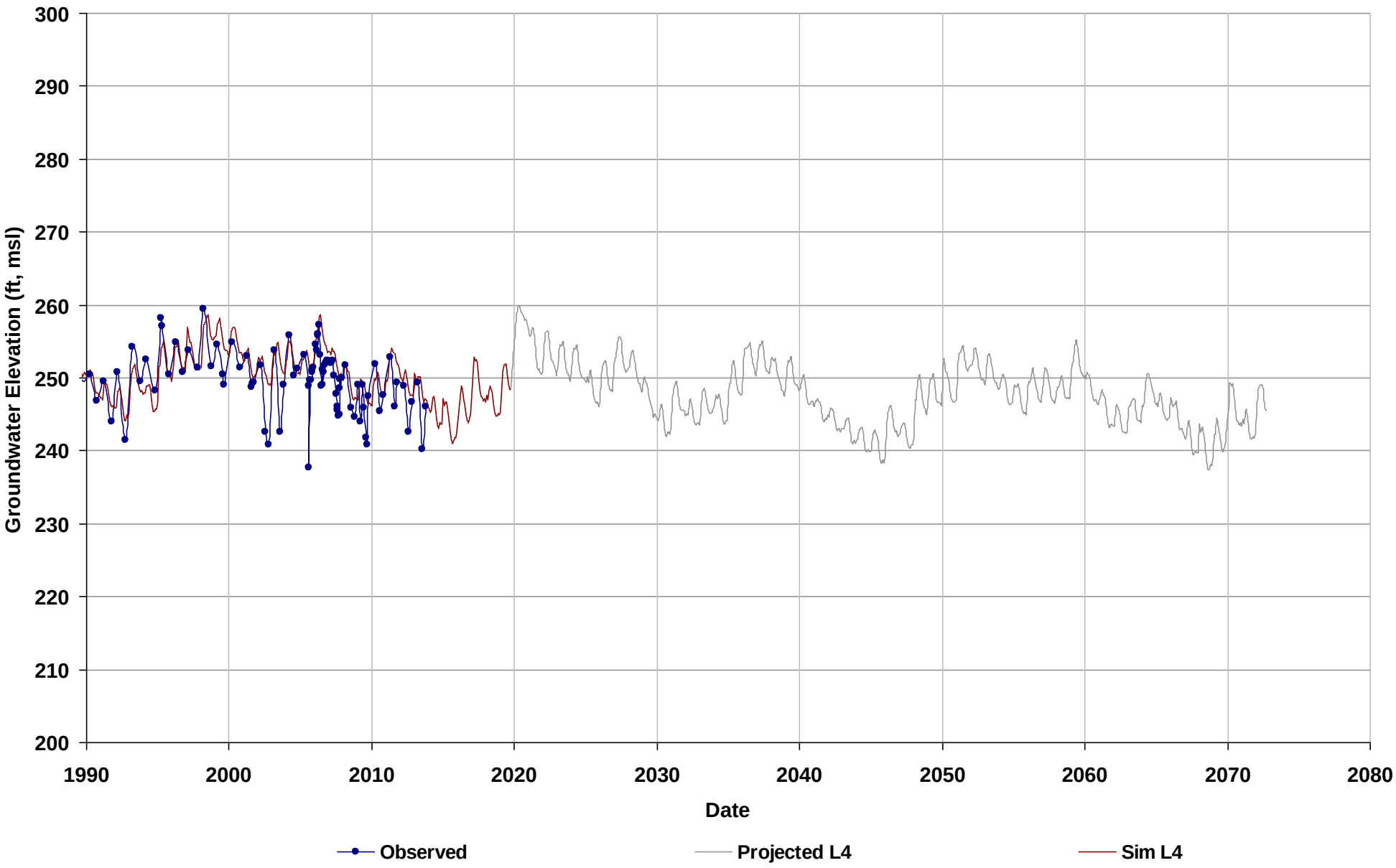
Total Depth (ft): 110
Perf Top (ft): 52
Perf Bottom (ft): 110
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use)

Well Name: 27N02W30C002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 282

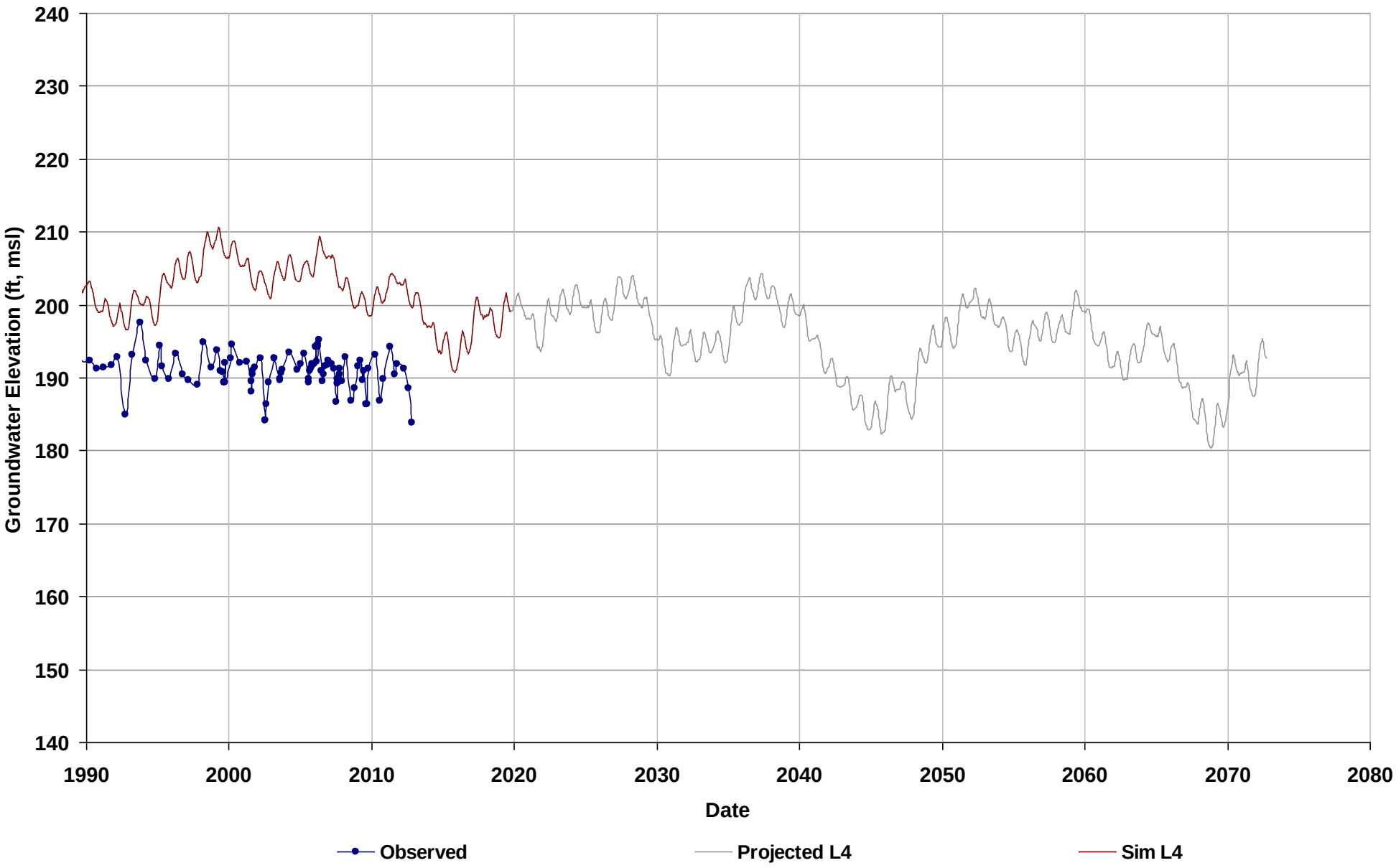
Total Depth (ft): 296
Perf Top (ft): 50
Perf Bottom (ft): 163
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

Well Name: 25N02W34K001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 206

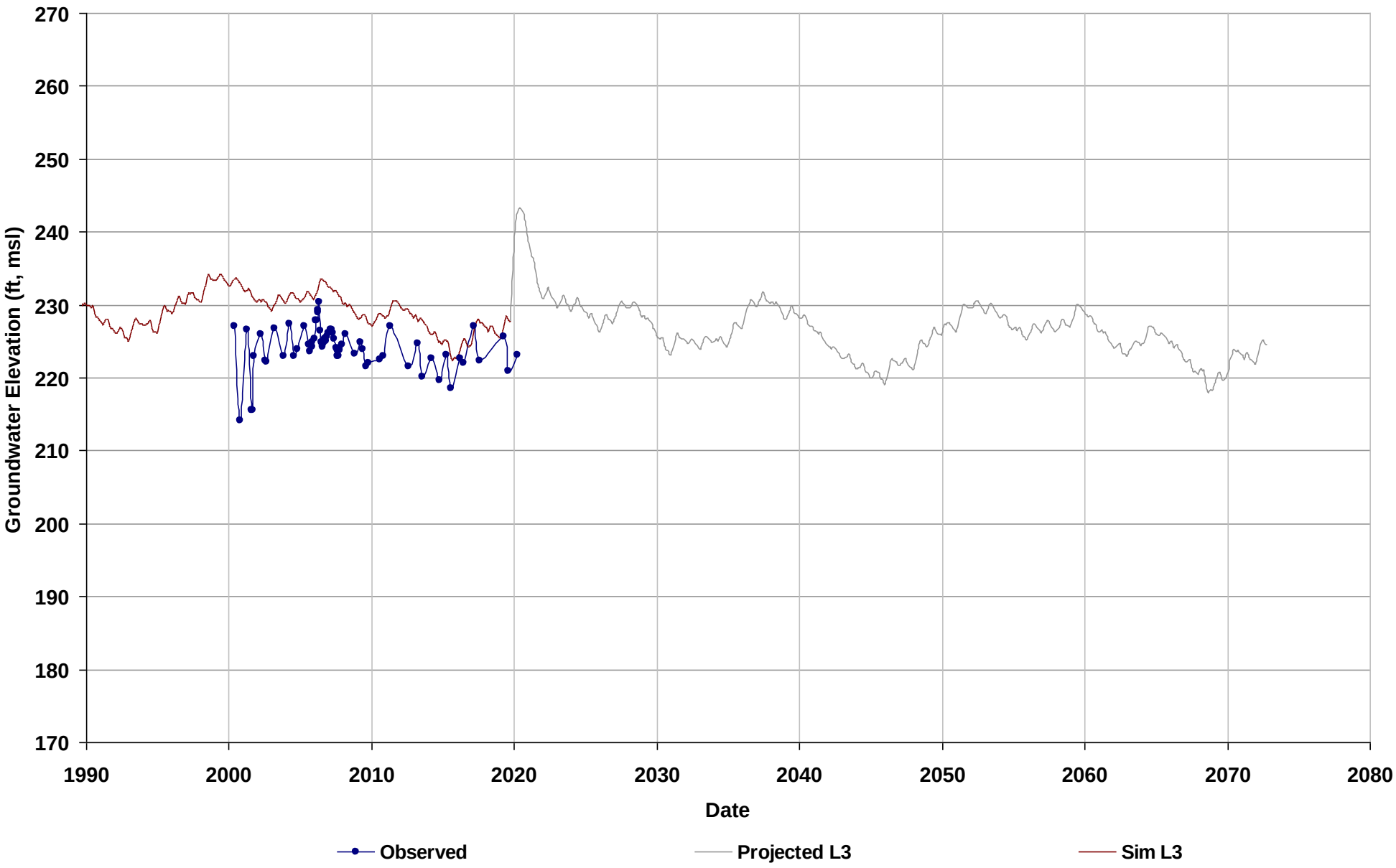
Total Depth (ft): 235
Perf Top (ft): 46
Perf Bottom (ft): 213
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

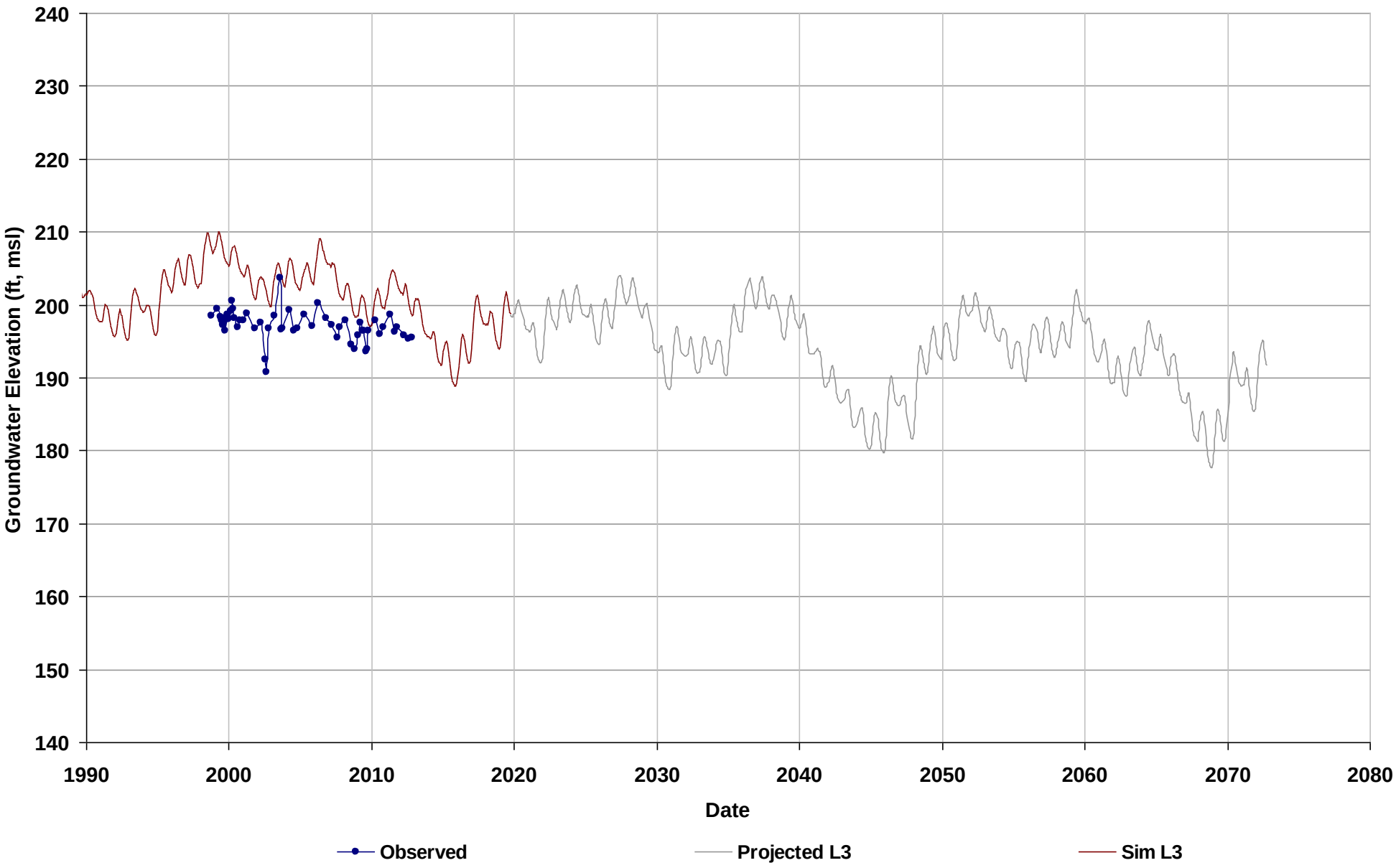
Well Name: 26N02W15C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 260

Total Depth (ft): 100
Perf Top (ft): 78
Perf Bottom (ft): 100
Top Model Layer: 3
Bottom Model Layer: 3



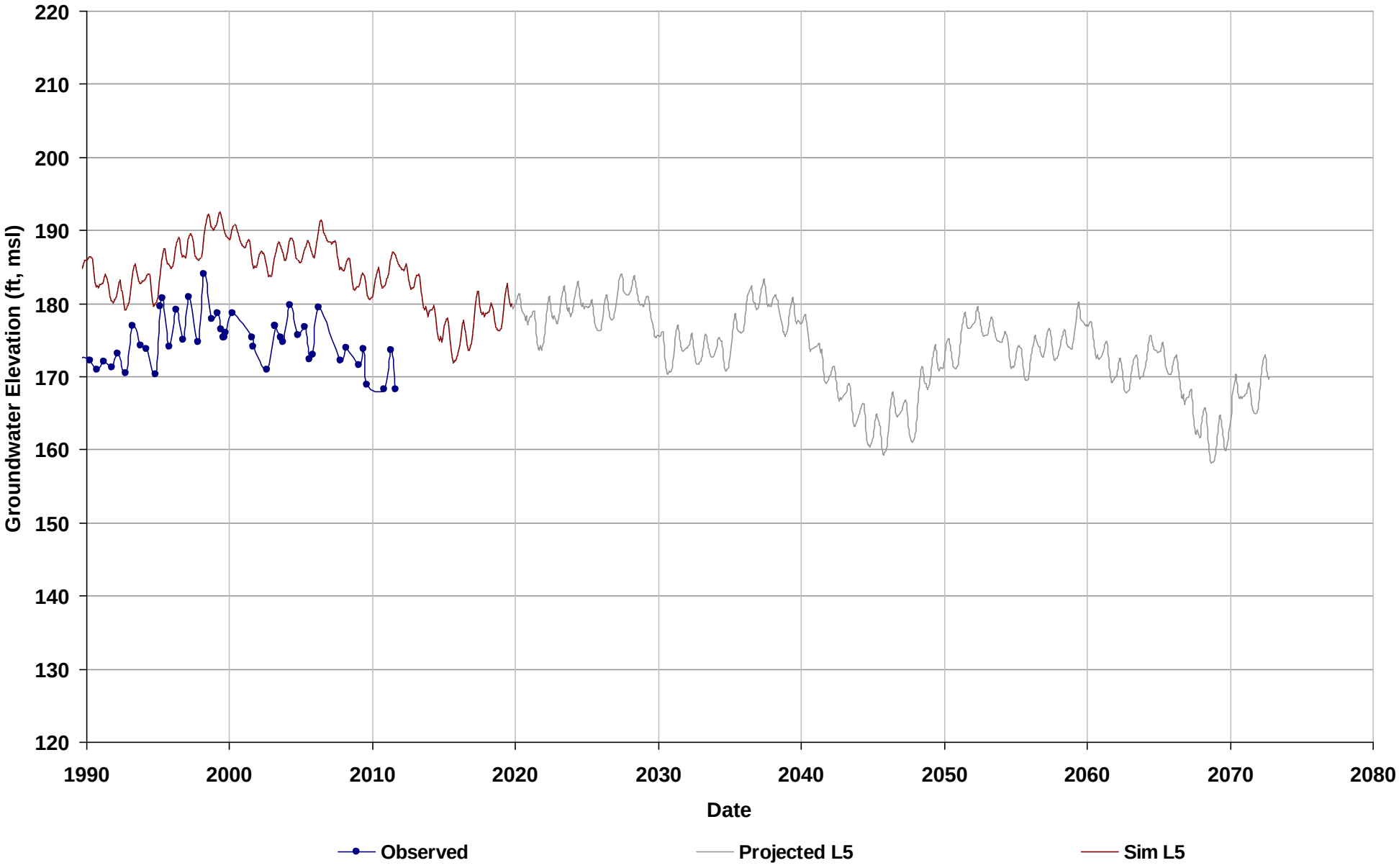
Well Name: 24N02W02E001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 202

Total Depth (ft): 328
Perf Top (ft): 90
Perf Bottom (ft): 310
Top Model Layer: 3
Bottom Model Layer: 3



Well Name: 24N02W23G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 199

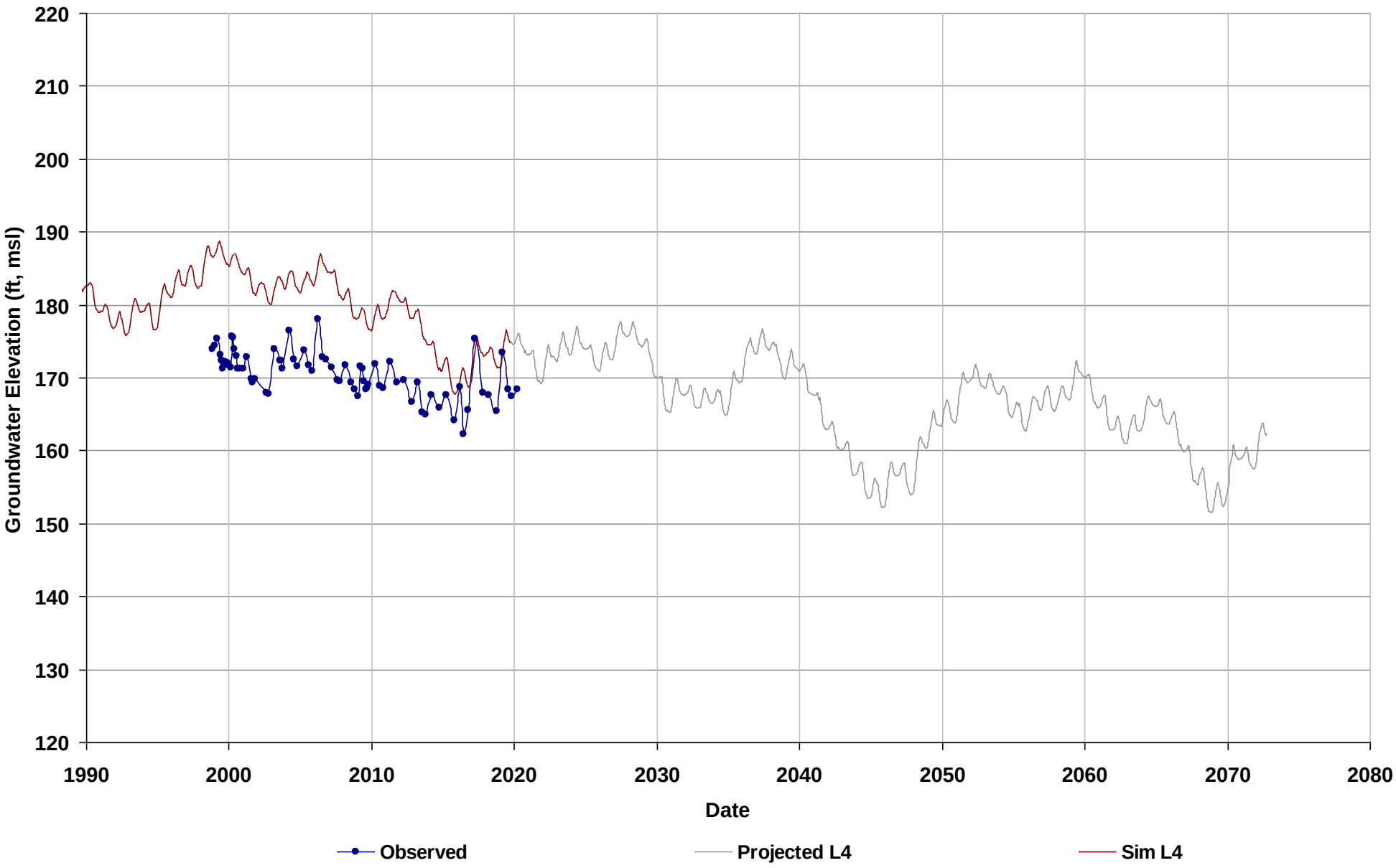
Total Depth (ft): 362
Perf Top (ft): 84
Perf Bottom (ft): 362
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use)

Well Name: 24N02W25G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 194

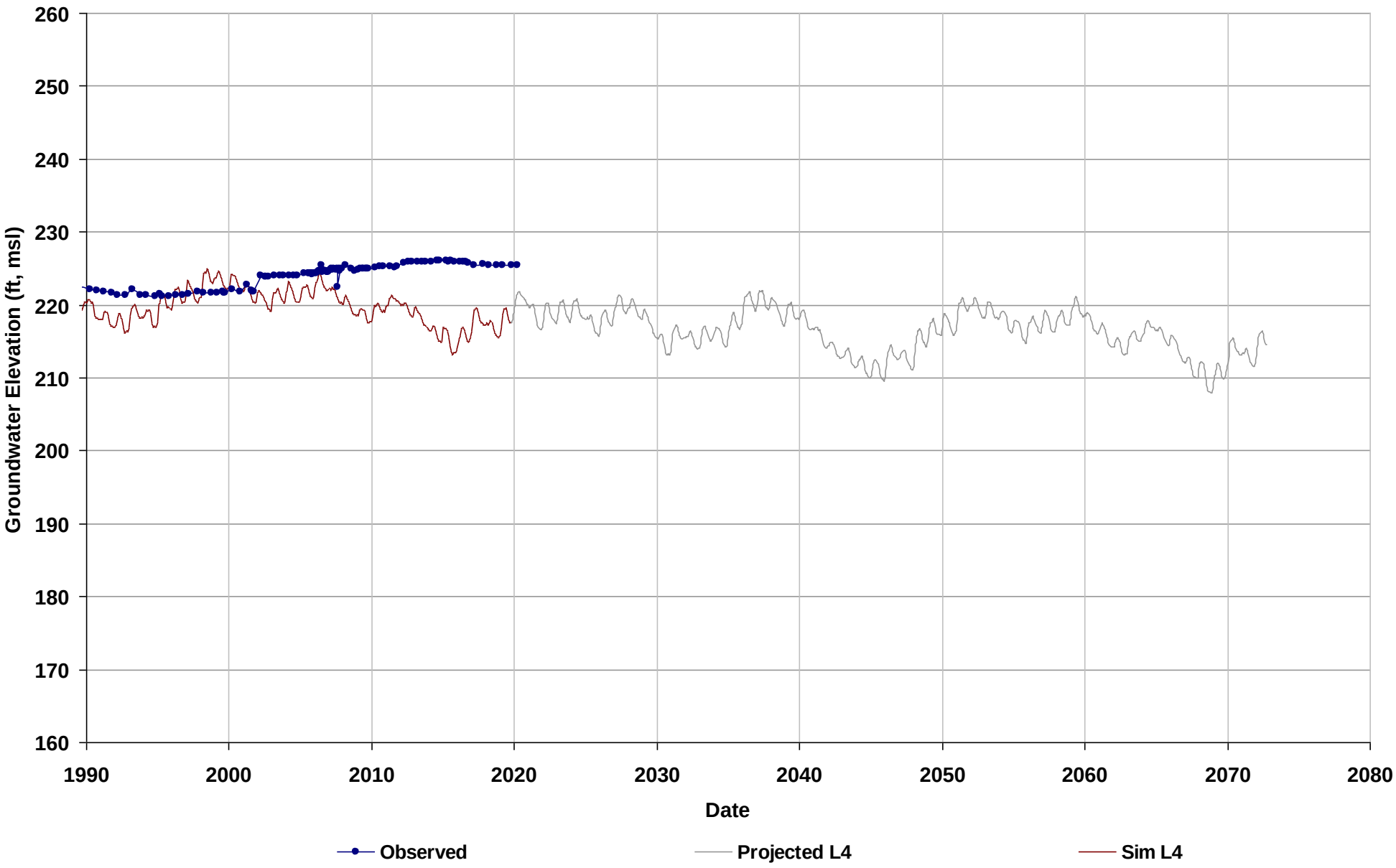
Total Depth (ft): 256
Perf Top (ft): 108
Perf Bottom (ft): 256
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

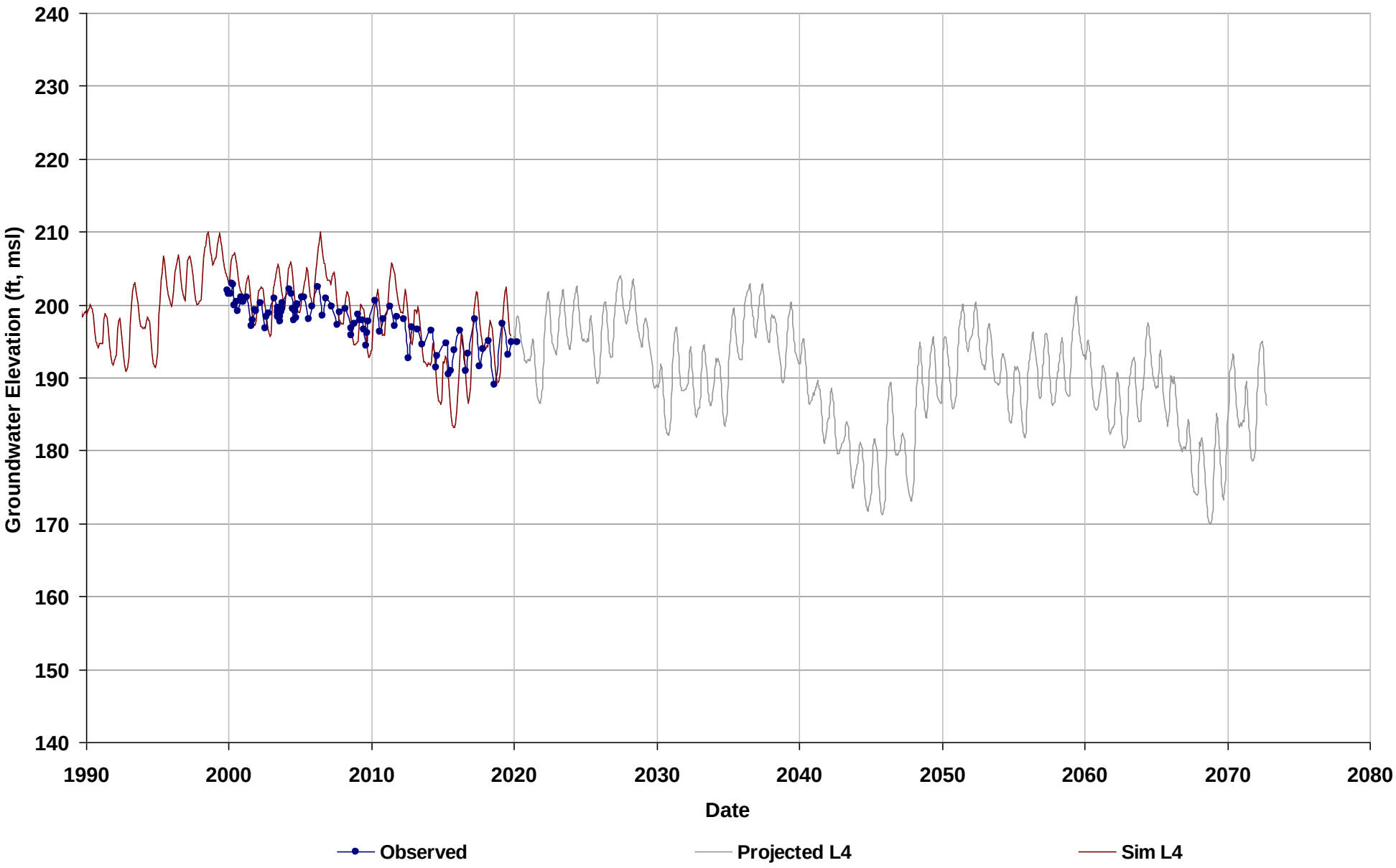
Well Name: 26N02W29R001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

Total Depth (ft): 184
Perf Top (ft): 183.5
Perf Bottom (ft): 184
Top Model Layer: 4
Bottom Model Layer: 4



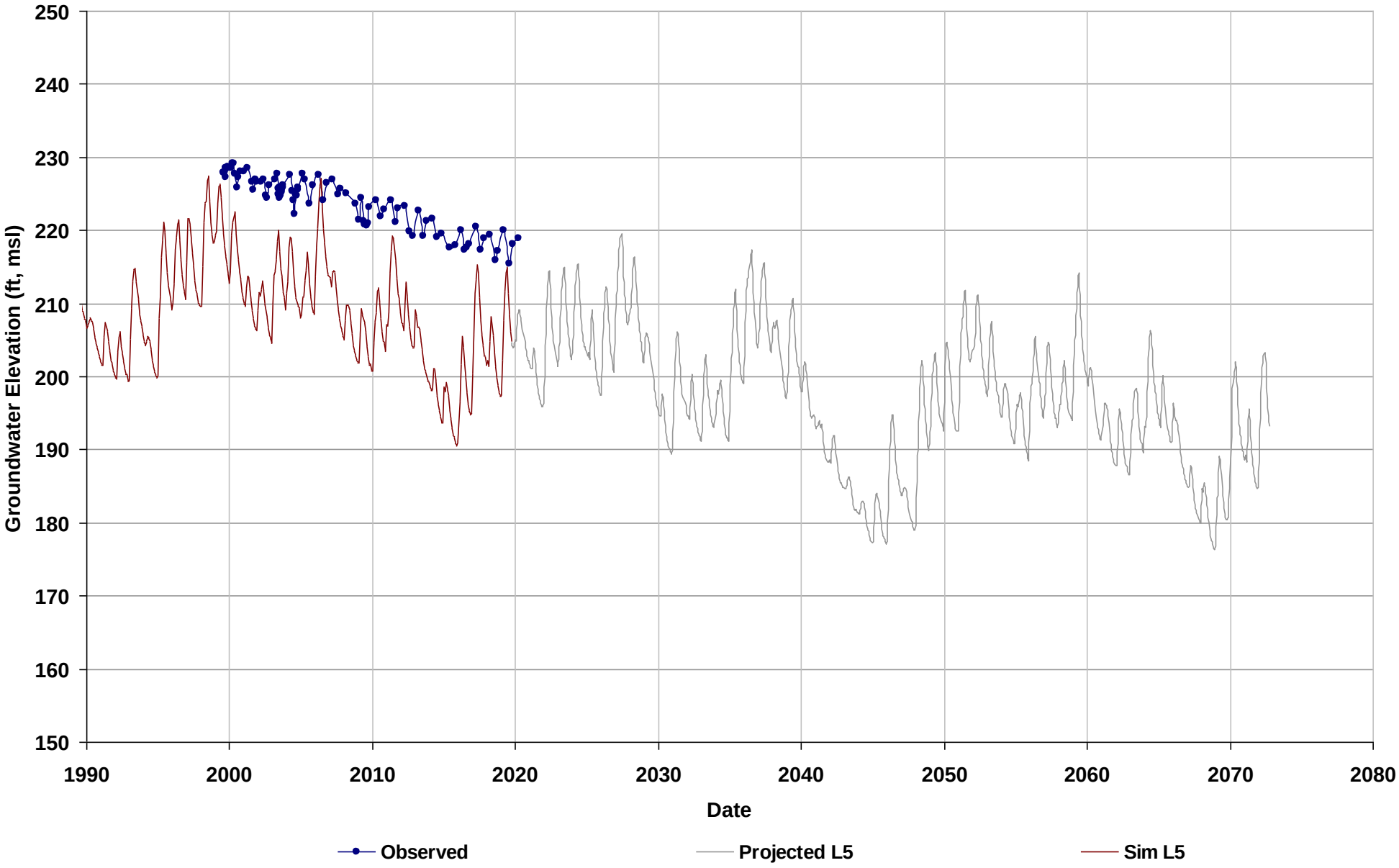
Well Name: 24N02W12P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 228

Total Depth (ft): 370
Perf Top (ft): 165
Perf Bottom (ft): 360
Top Model Layer: 4
Bottom Model Layer: 4



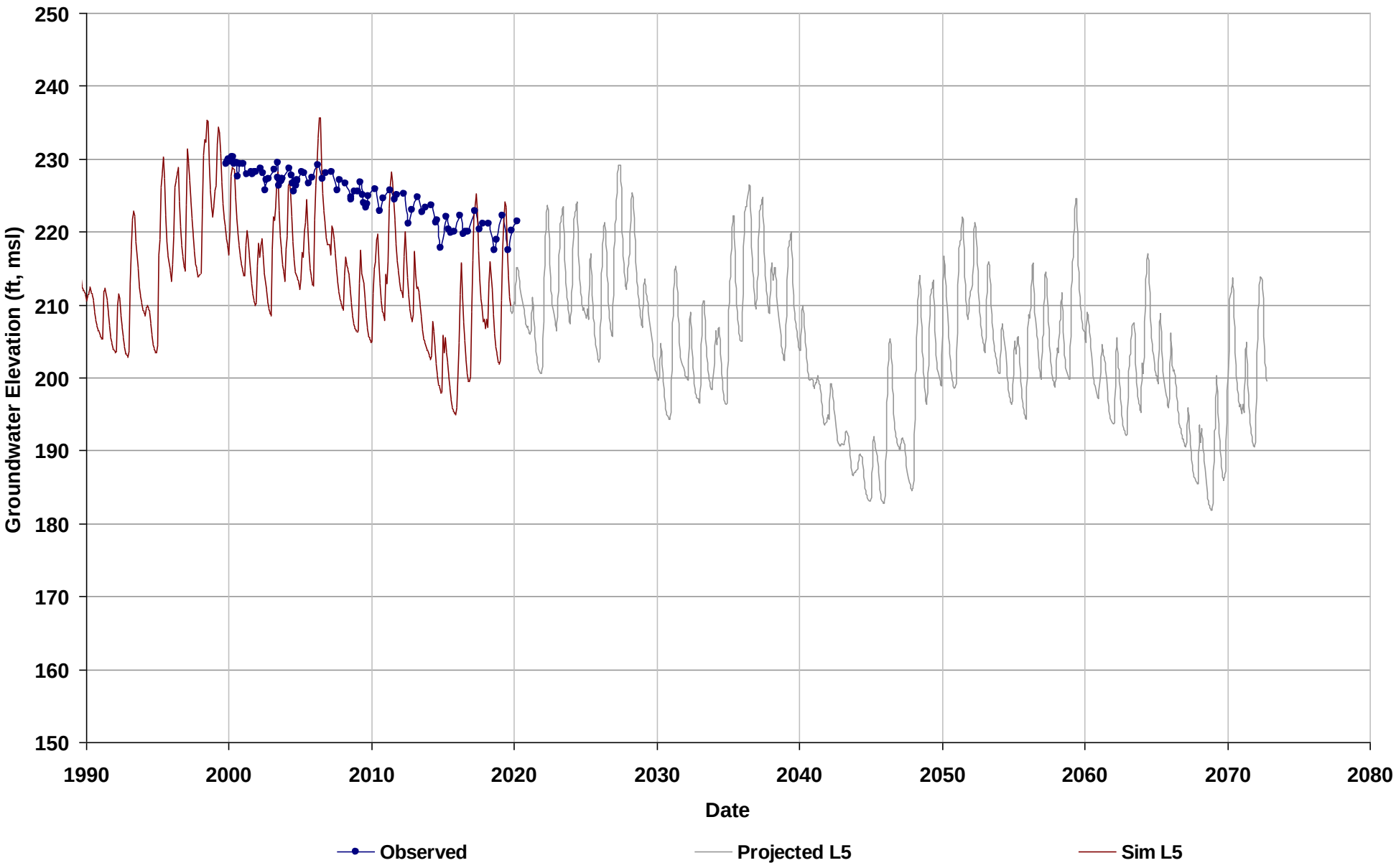
Well Name: 24N01W05J003M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 312

Total Depth (ft): 385
Perf Top (ft): 295
Perf Bottom (ft): 335
Top Model Layer: 5
Bottom Model Layer: 5



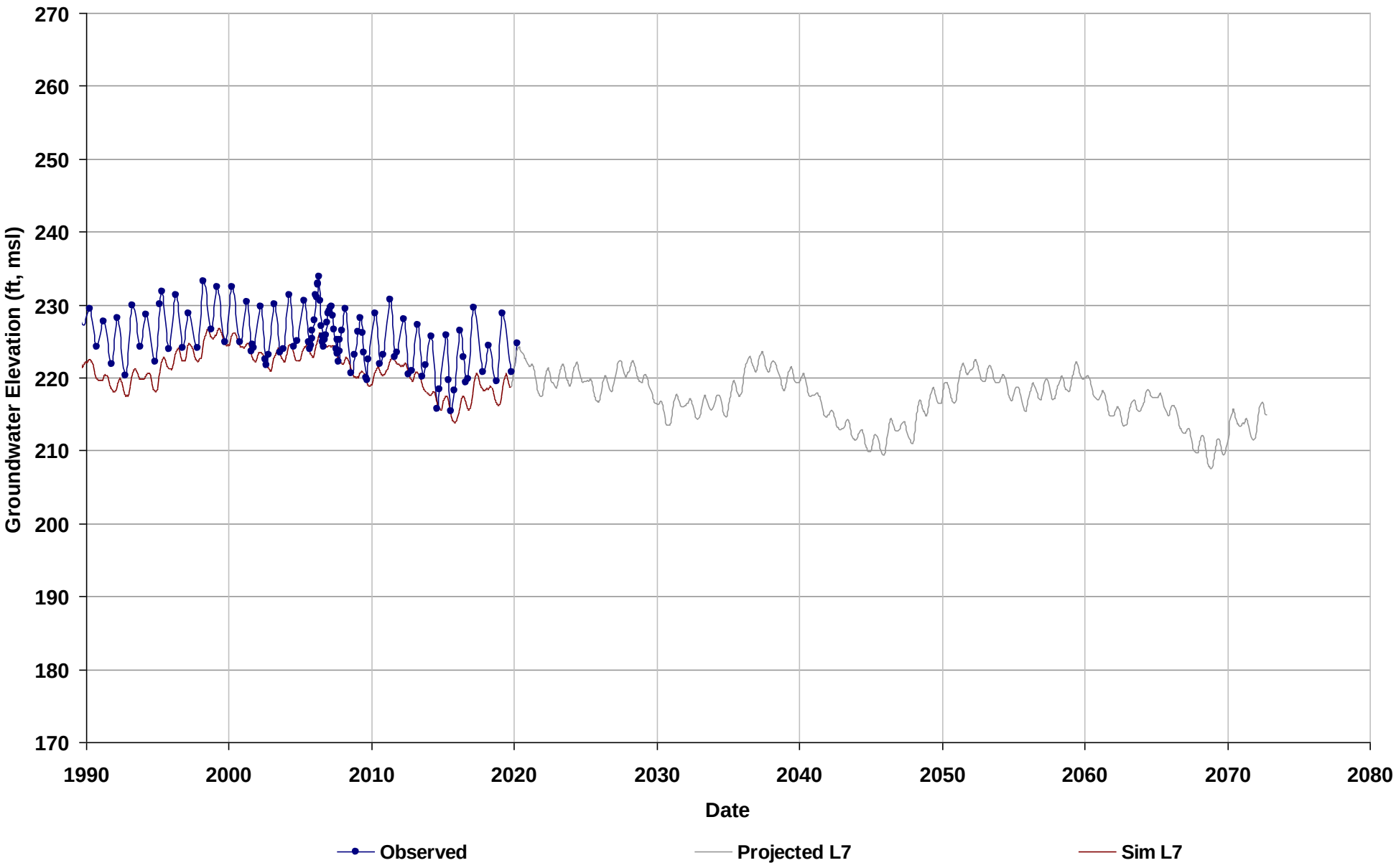
Well Name: 25N01W32P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 303

Total Depth (ft): 330
Perf Top (ft): 209
Perf Bottom (ft): 256
Top Model Layer: 5
Bottom Model Layer: 5



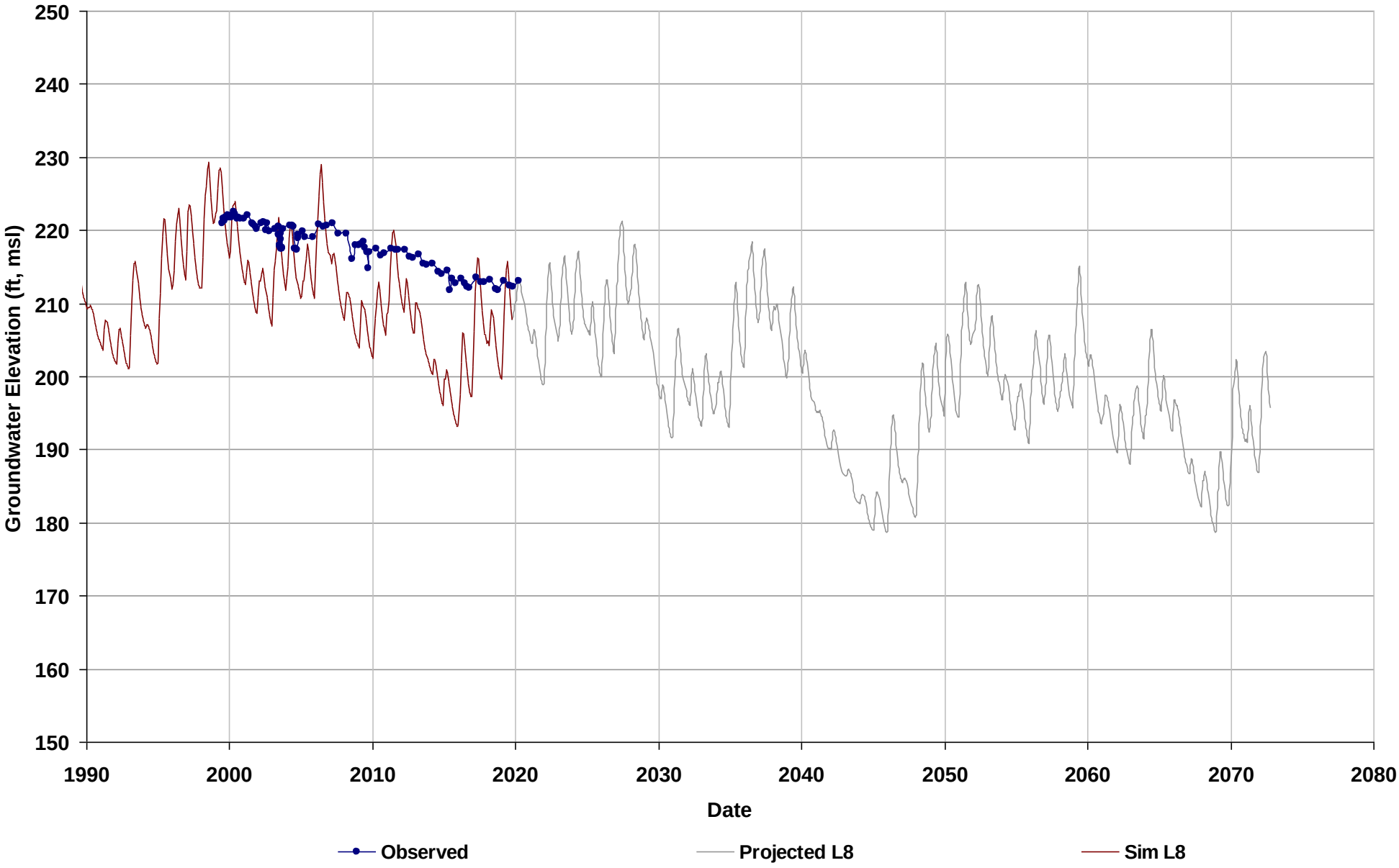
Well Name: 26N02W29R002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

Total Depth (ft): 900
Perf Top (ft): 839.5
Perf Bottom (ft): 840.5
Top Model Layer: 7
Bottom Model Layer: 7



Well Name: 25N01W34N003M
Depth Zone: Lower
Subbasin: Los Molinos
GSE (ft, msl): 366

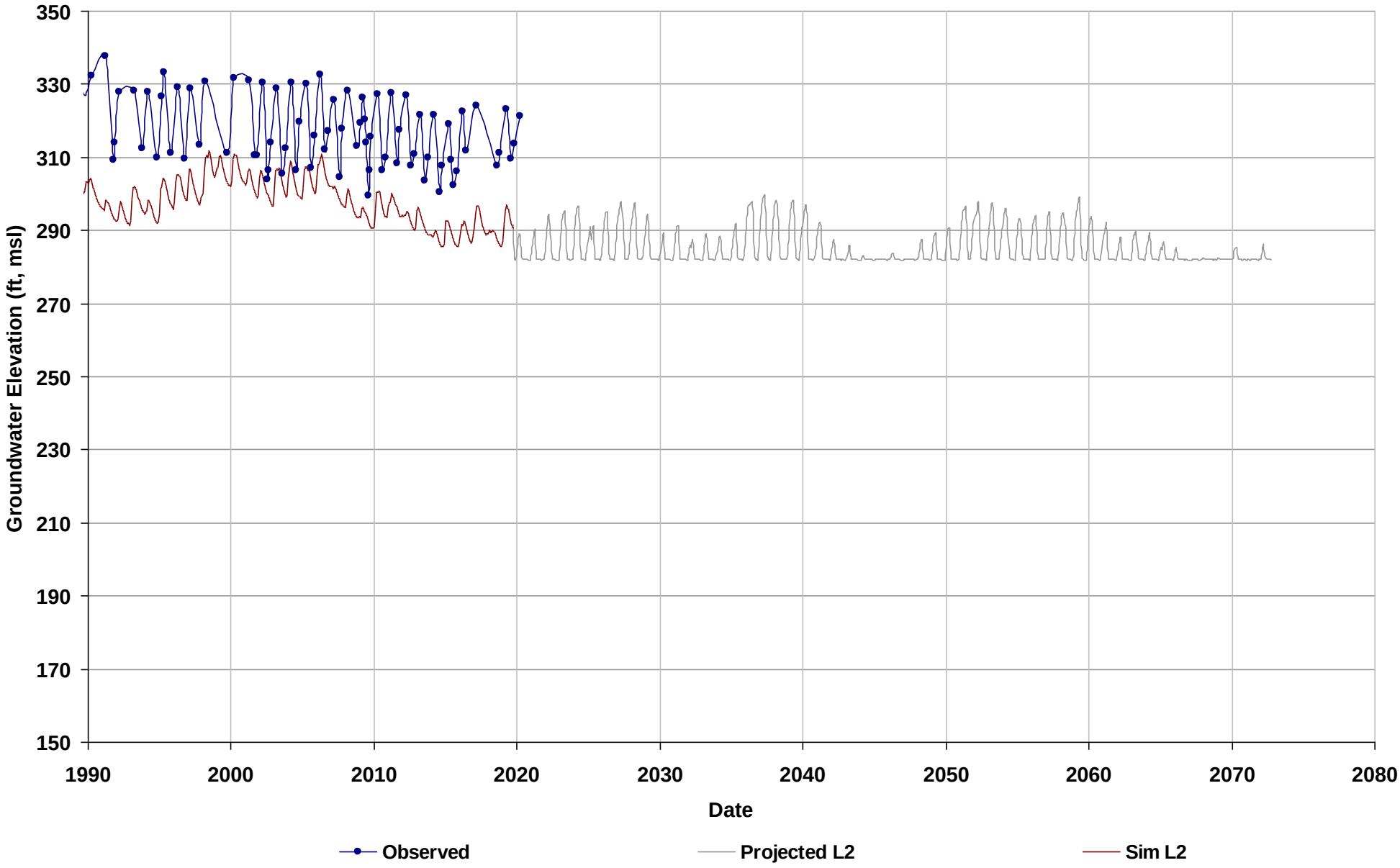
Total Depth (ft): 743
Perf Top (ft): 625
Perf Bottom (ft): 680
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use)

Well Name: 27N04W35E001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 438

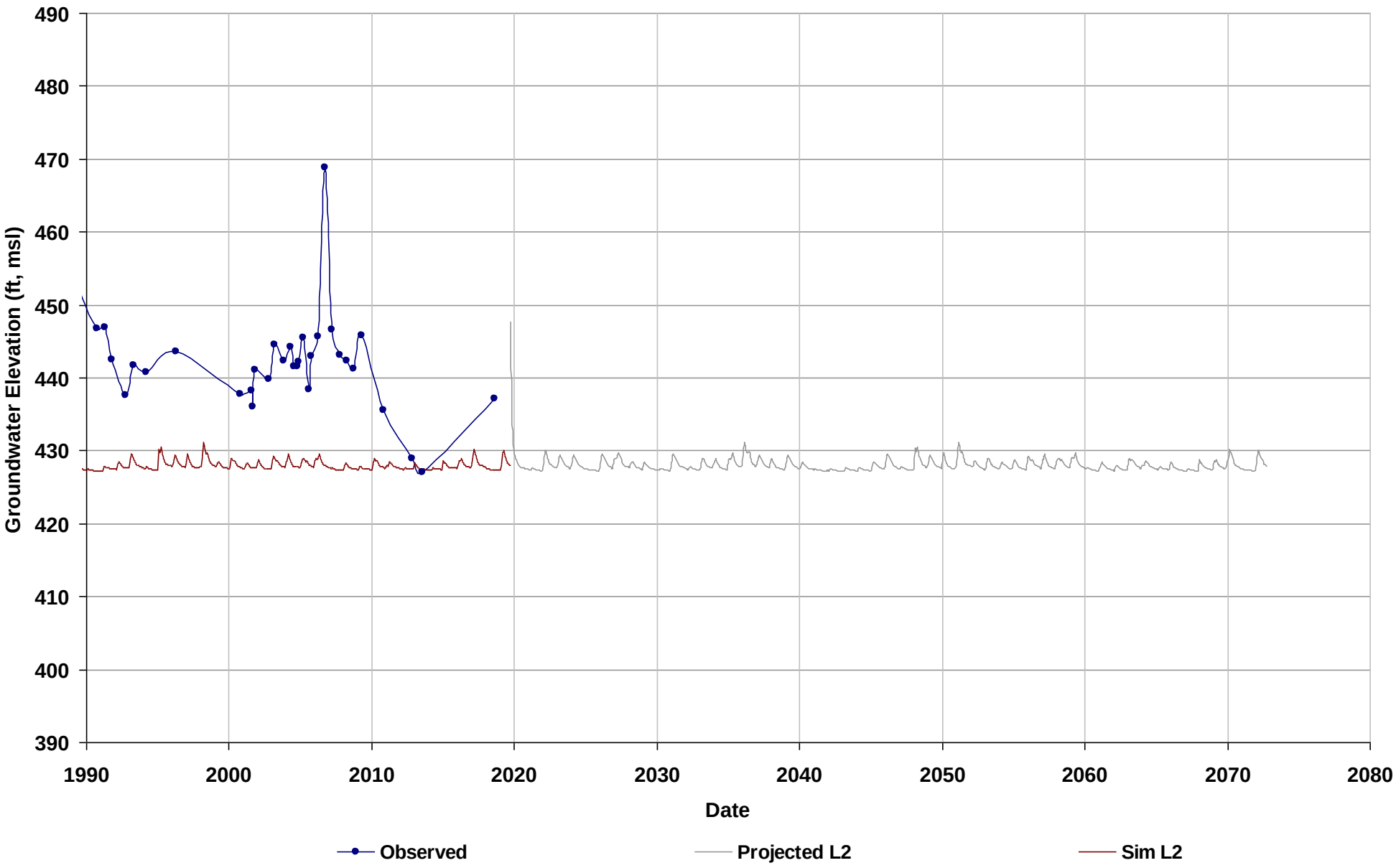
Total Depth (ft): 280
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use)

Well Name: 25N05W24D001M
Depth Zone: Unknown
Subbasin: Red Bluff
GSE (ft, msl): 515

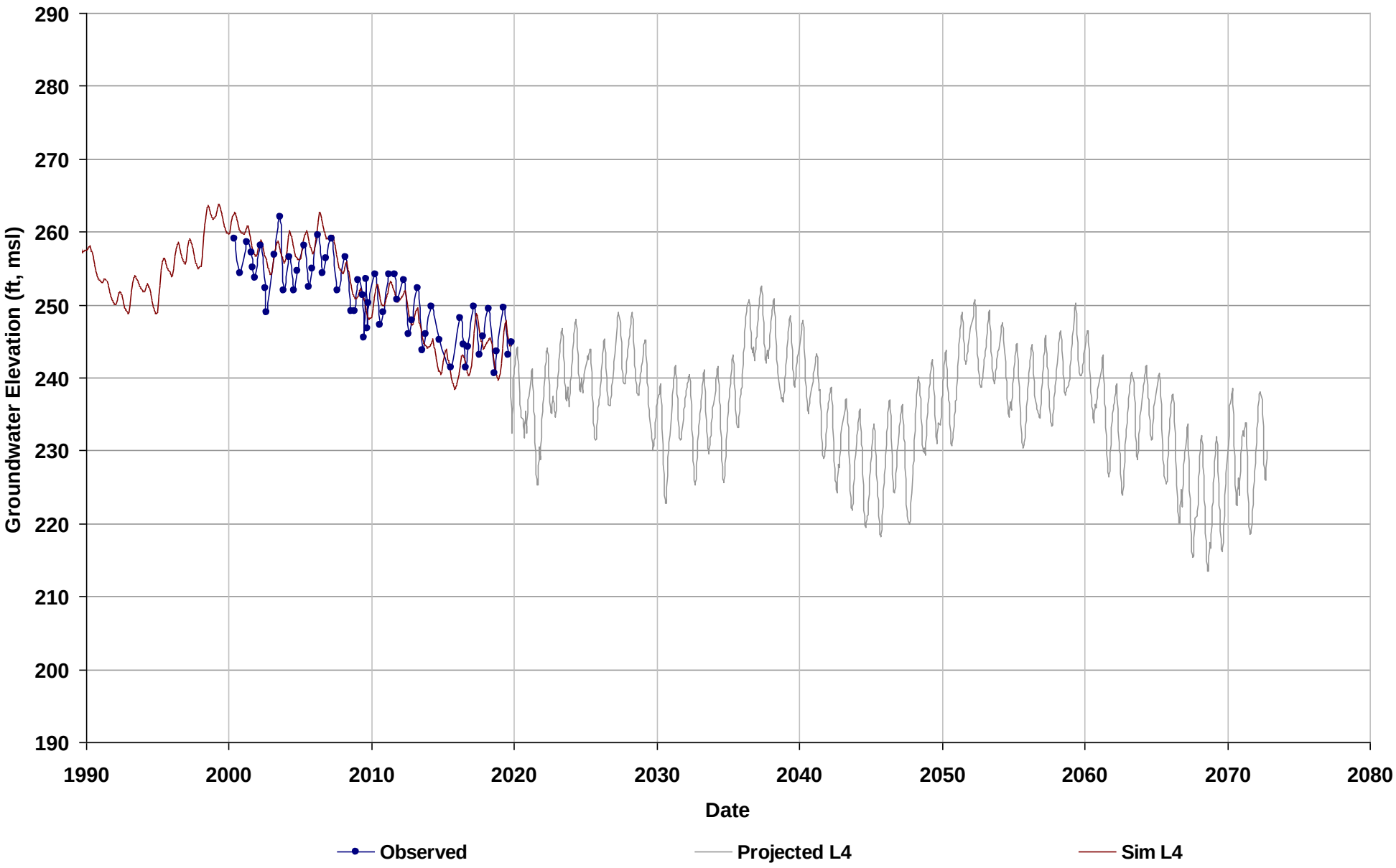
Total Depth (ft):
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use)

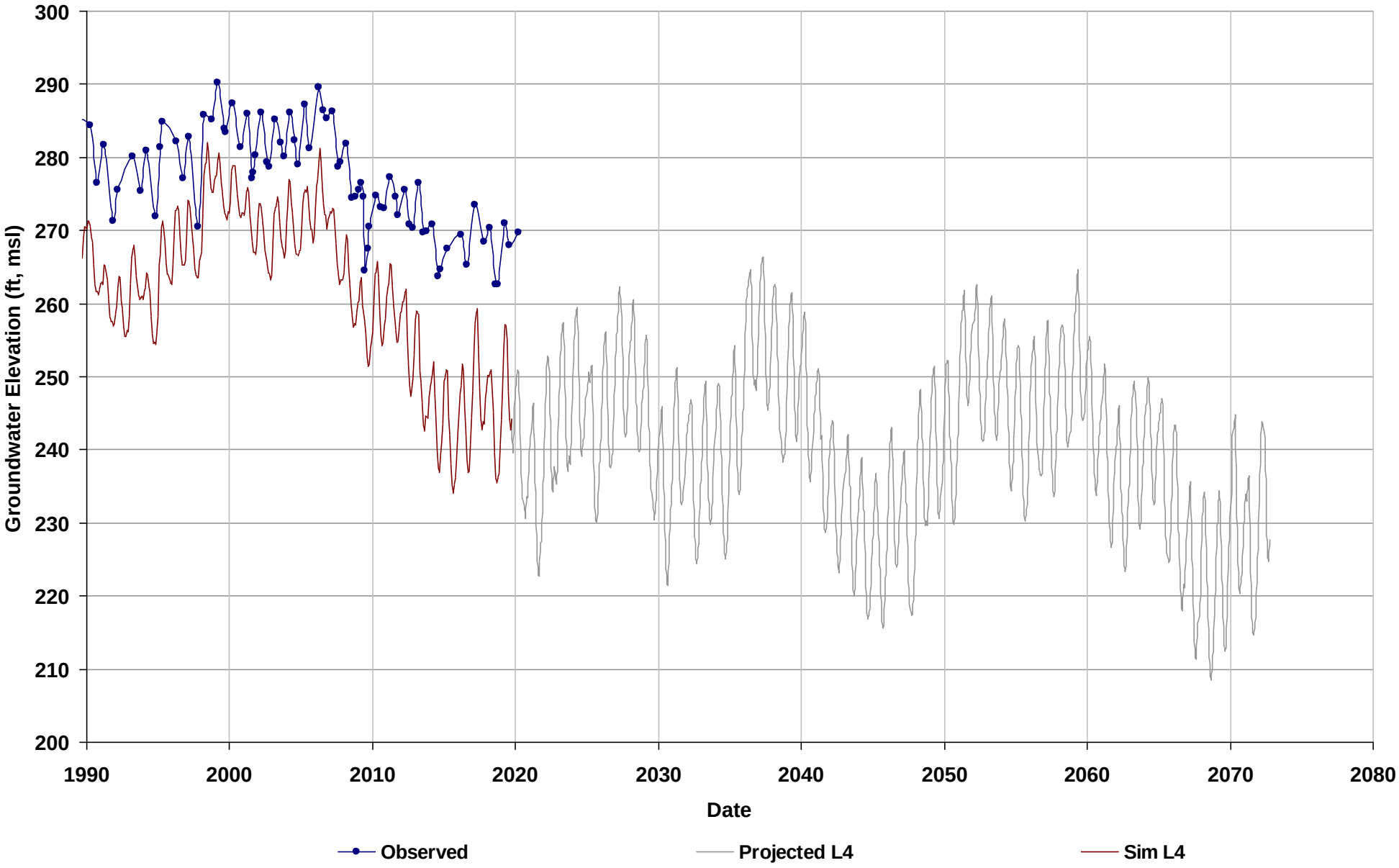
Well Name: 26N03W17B001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 309

Total Depth (ft): 180
Perf Top (ft): 160
Perf Bottom (ft): 180
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 26N04W25J001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 333

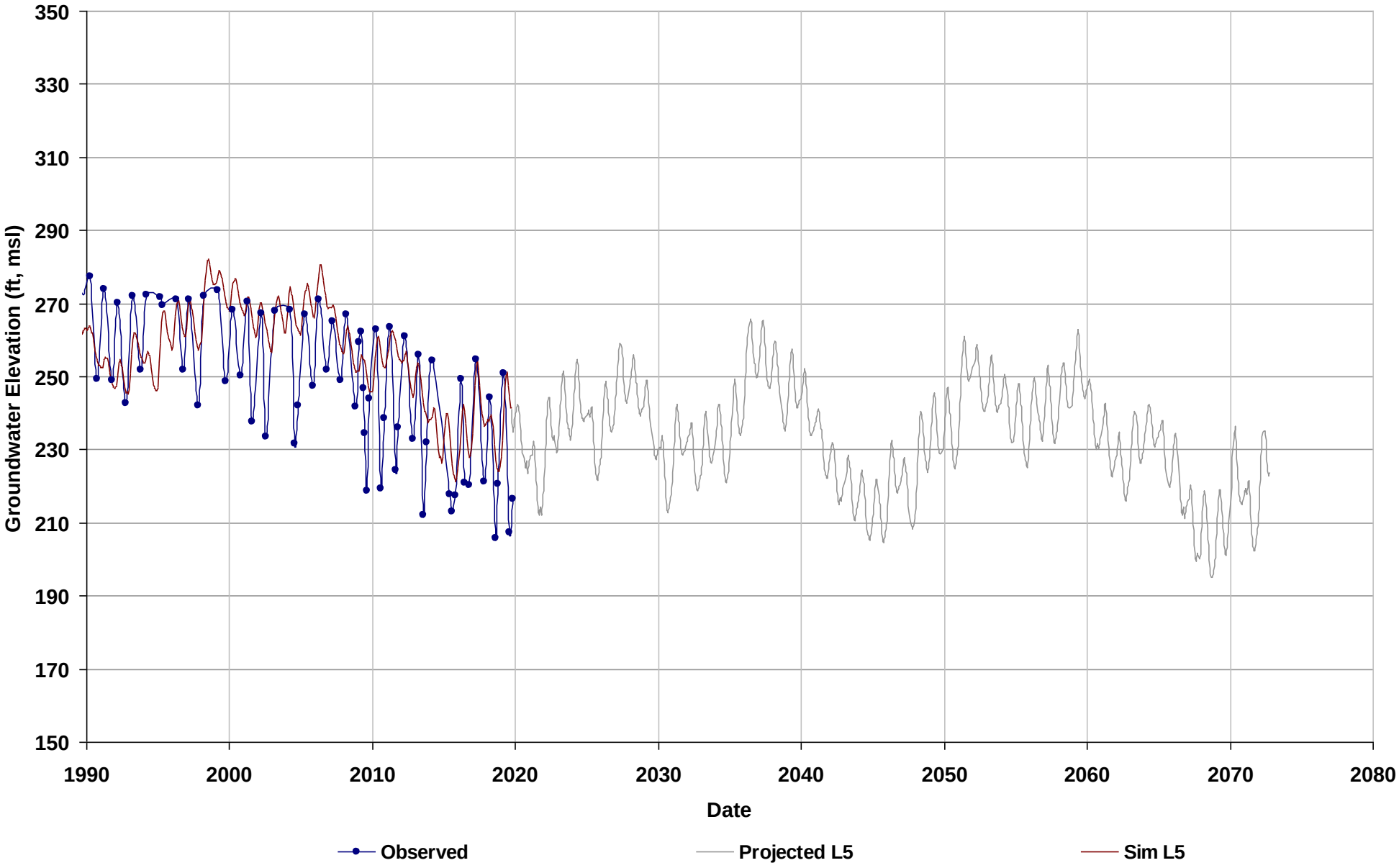
Total Depth (ft): 128
Perf Top (ft): 116
Perf Bottom (ft): 124
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

Well Name: 25N03W19N001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 327

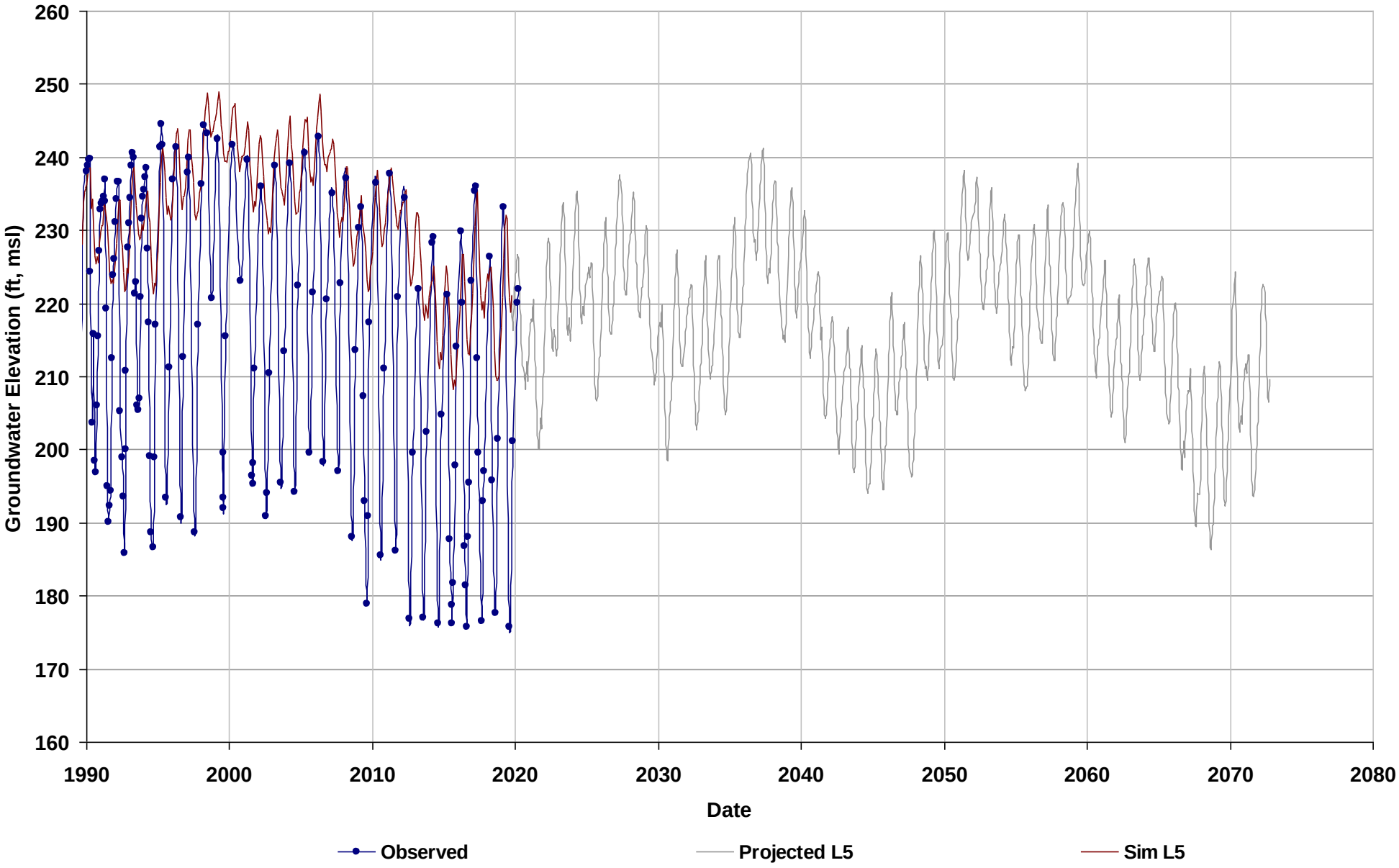
Total Depth (ft): 370
Perf Top (ft): 135
Perf Bottom (ft): 358
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use)

Well Name: 25N03W10L001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 276

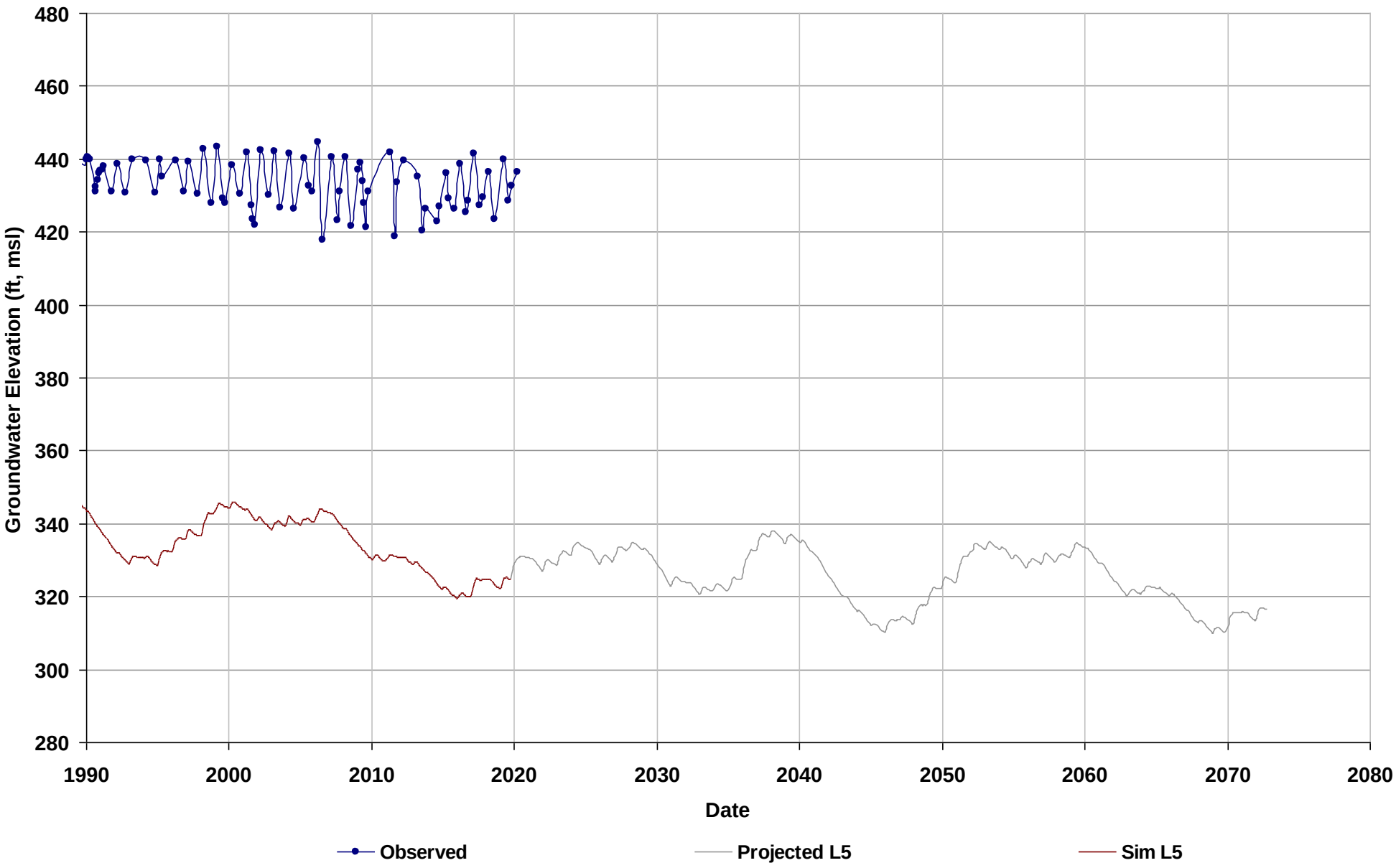
Total Depth (ft): 400
Perf Top (ft): 251
Perf Bottom (ft): 400
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use)

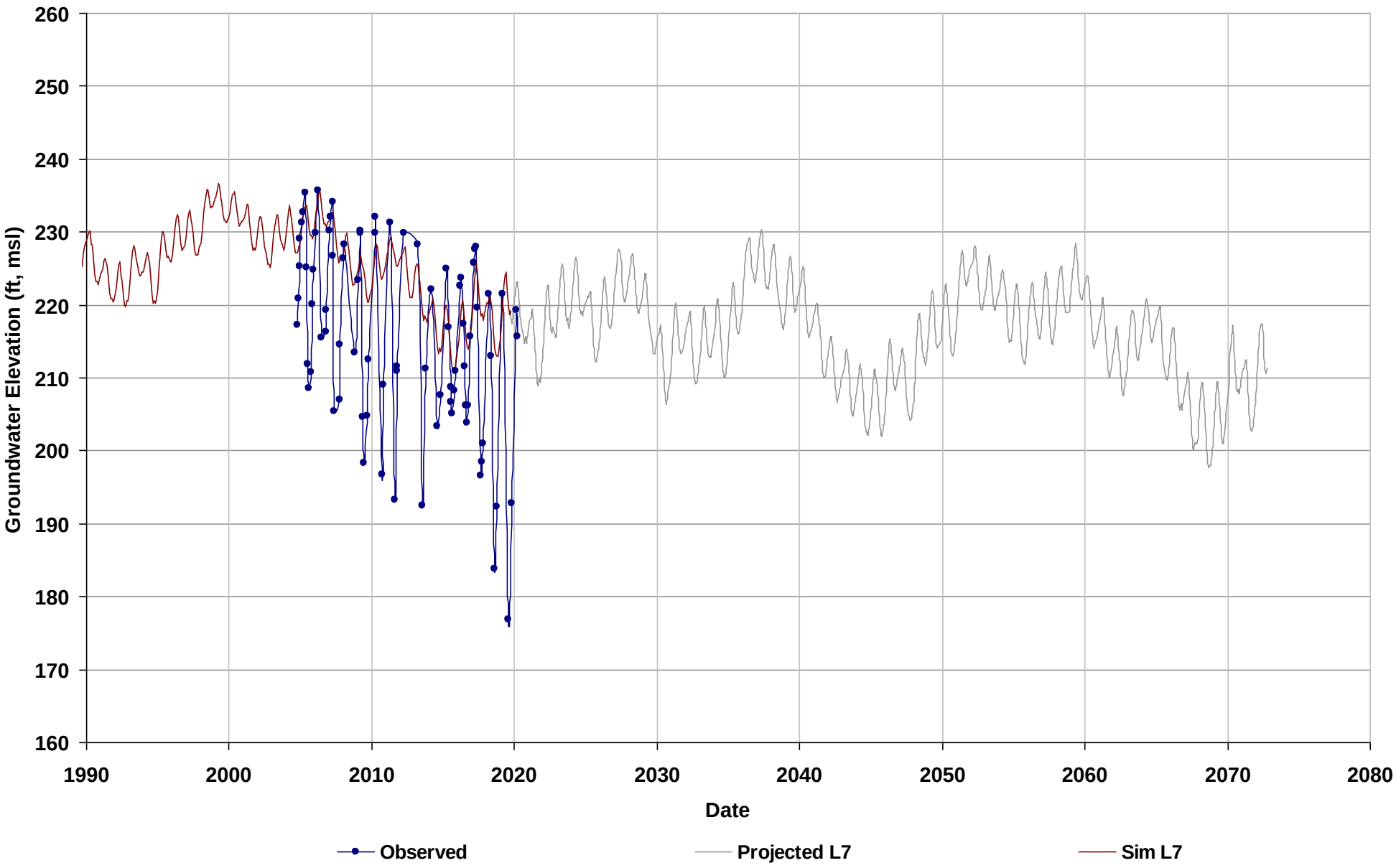
Well Name: 27N04W05G002M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 482

Total Depth (ft): 260
Perf Top (ft): 231
Perf Bottom (ft): 251
Top Model Layer: 5
Bottom Model Layer: 5



Well Name: 25N03W11B003M
Depth Zone: Lower
Subbasin: Red Bluff
GSE (ft, msl): 252

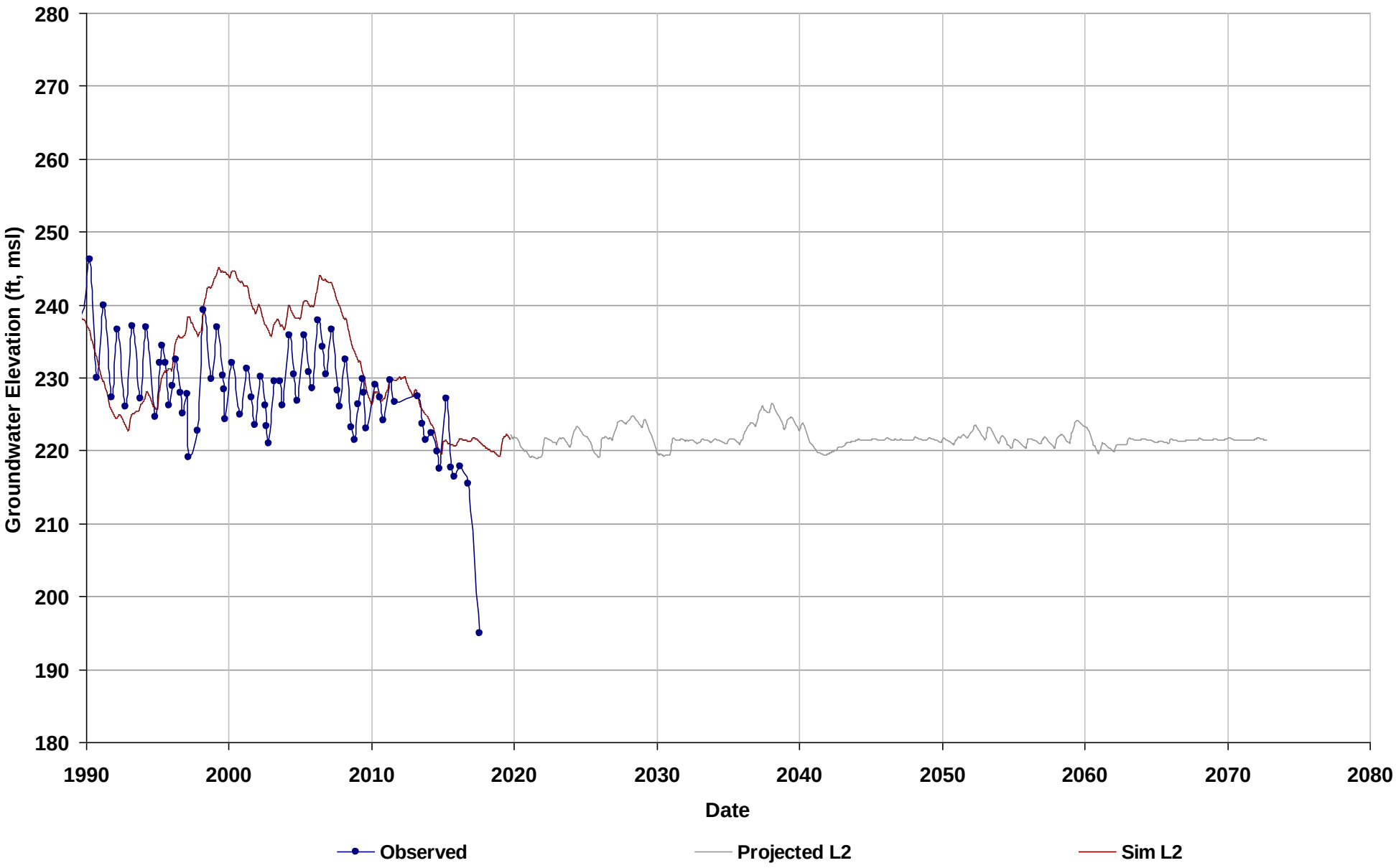
Total Depth (ft): 1000
Perf Top (ft): 940
Perf Bottom (ft): 960
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use)

Well Name: 23N03W05G001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 279

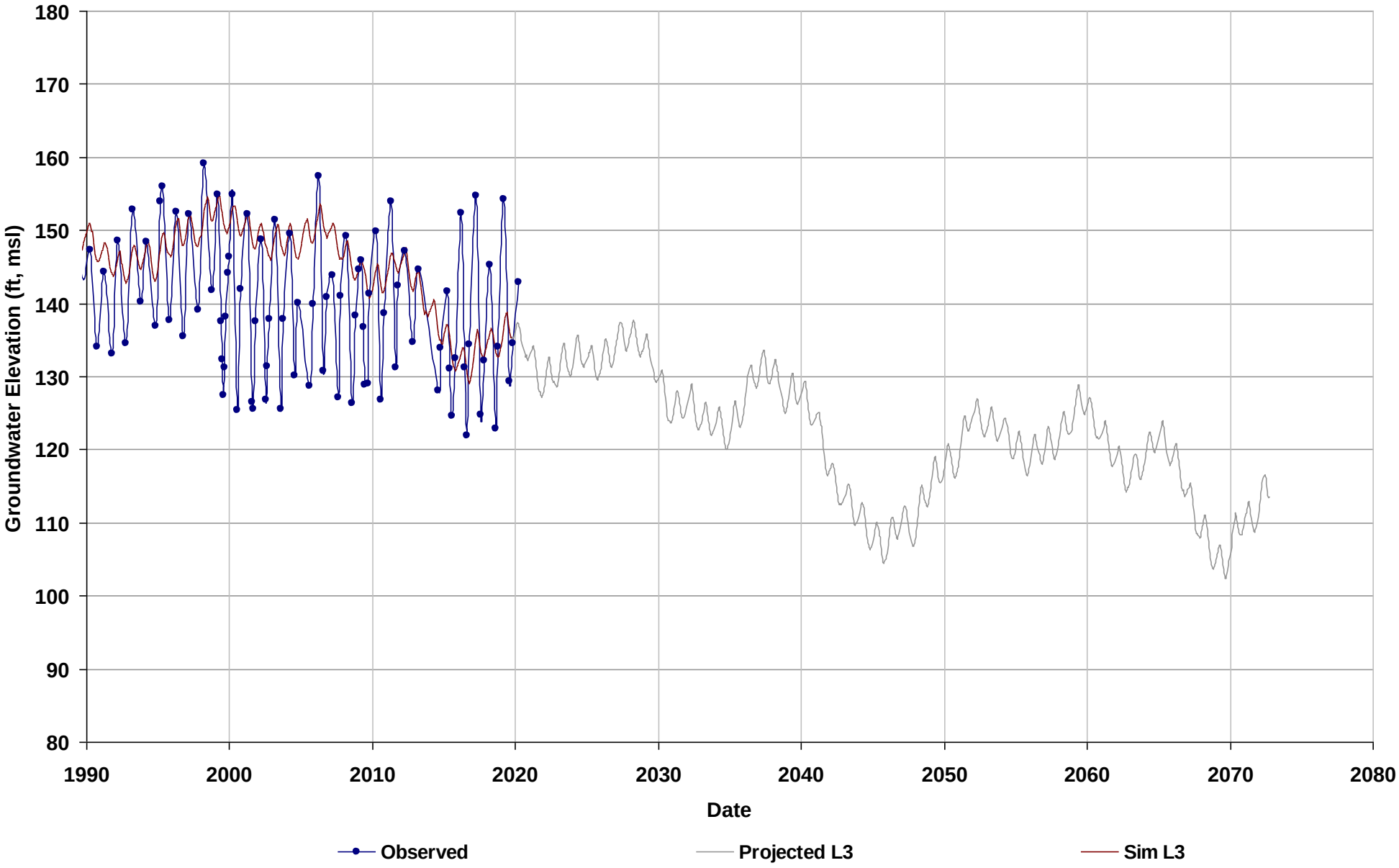
Total Depth (ft): 70
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use)

Well Name: 23N02W34A001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 172

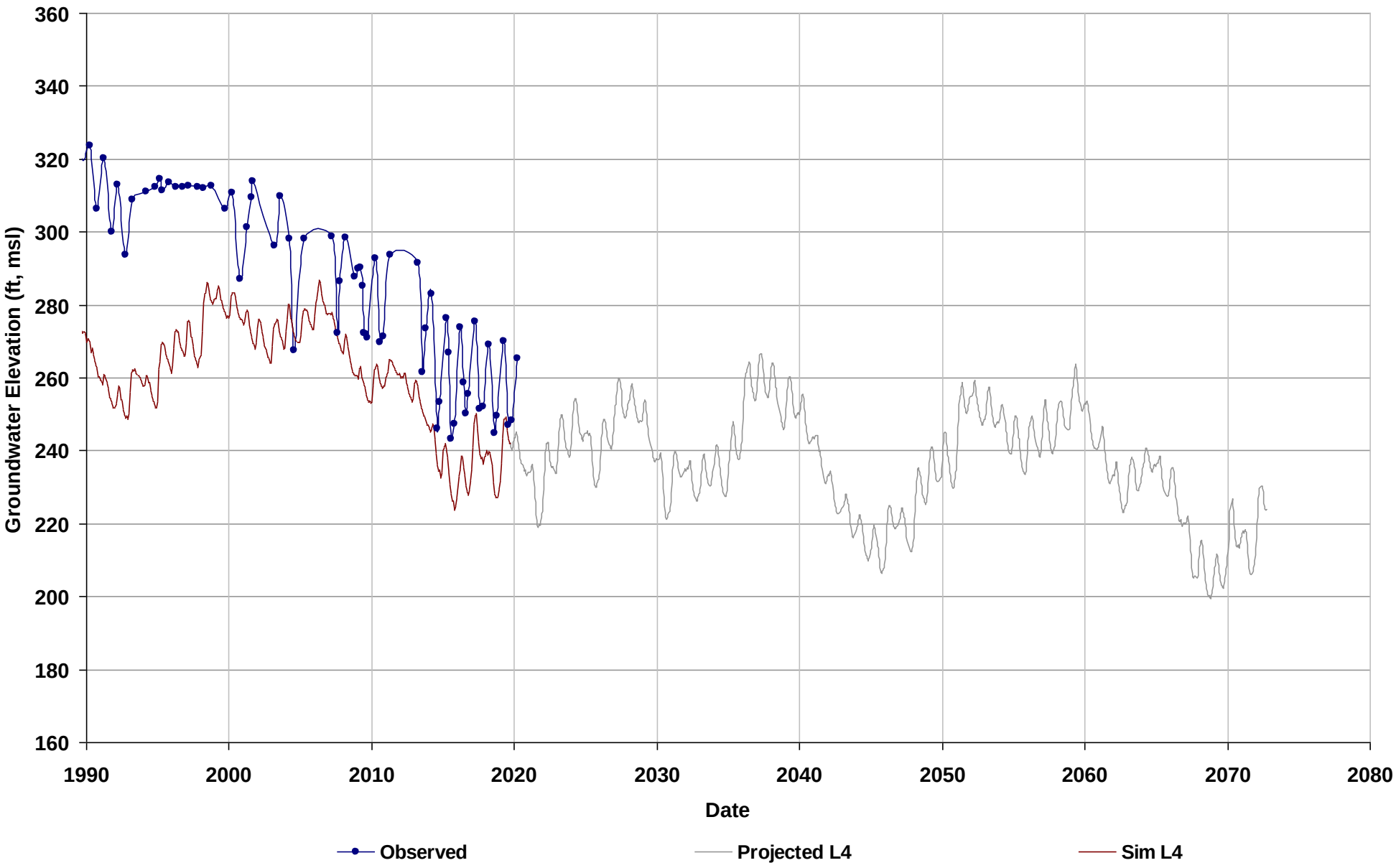
Total Depth (ft): 130
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use)

Well Name: 24N04W14N002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 375

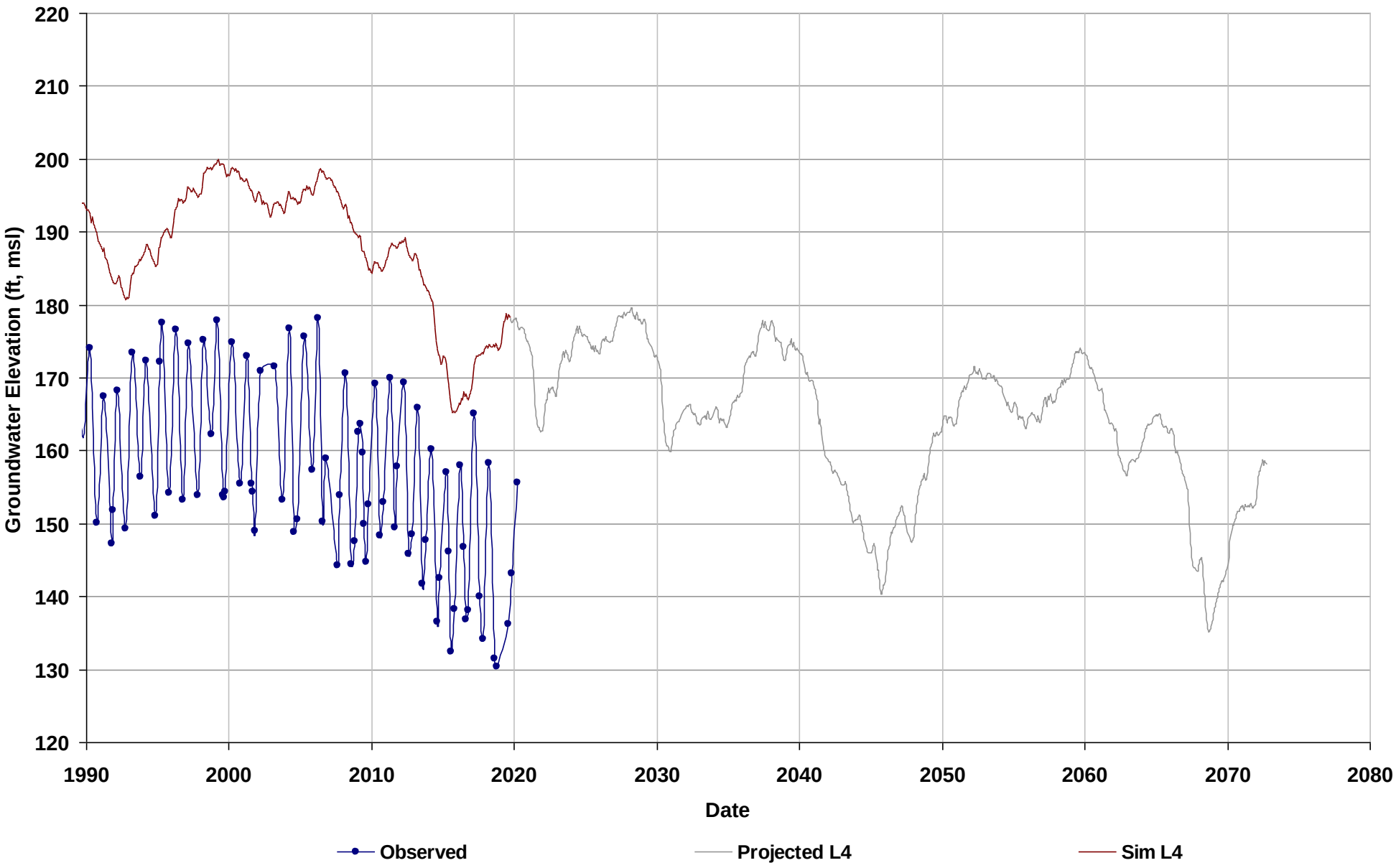
Total Depth (ft): 180
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

Well Name: 23N03W24A002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 207

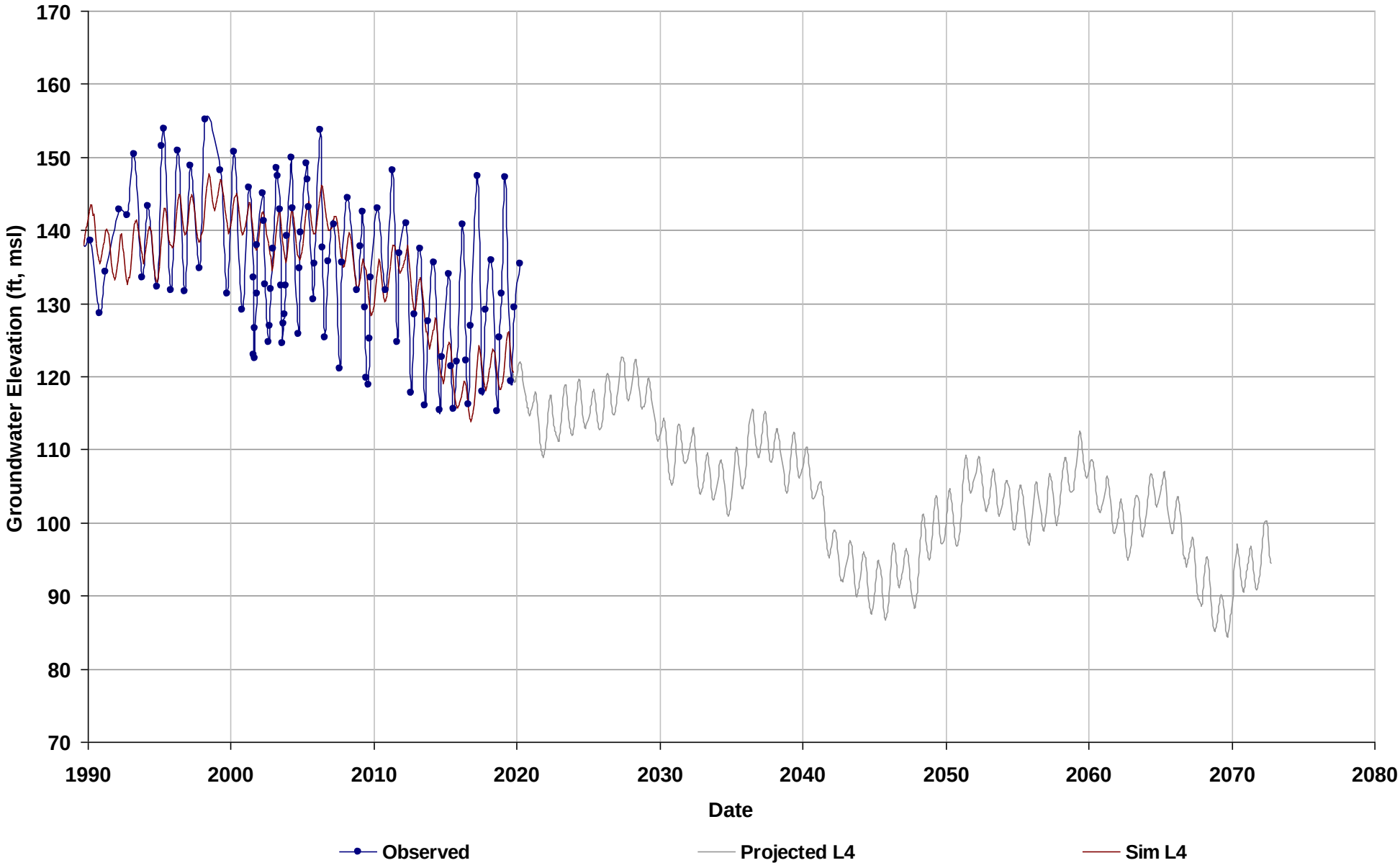
Total Depth (ft): 200
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

Well Name: 22N02W11Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 166

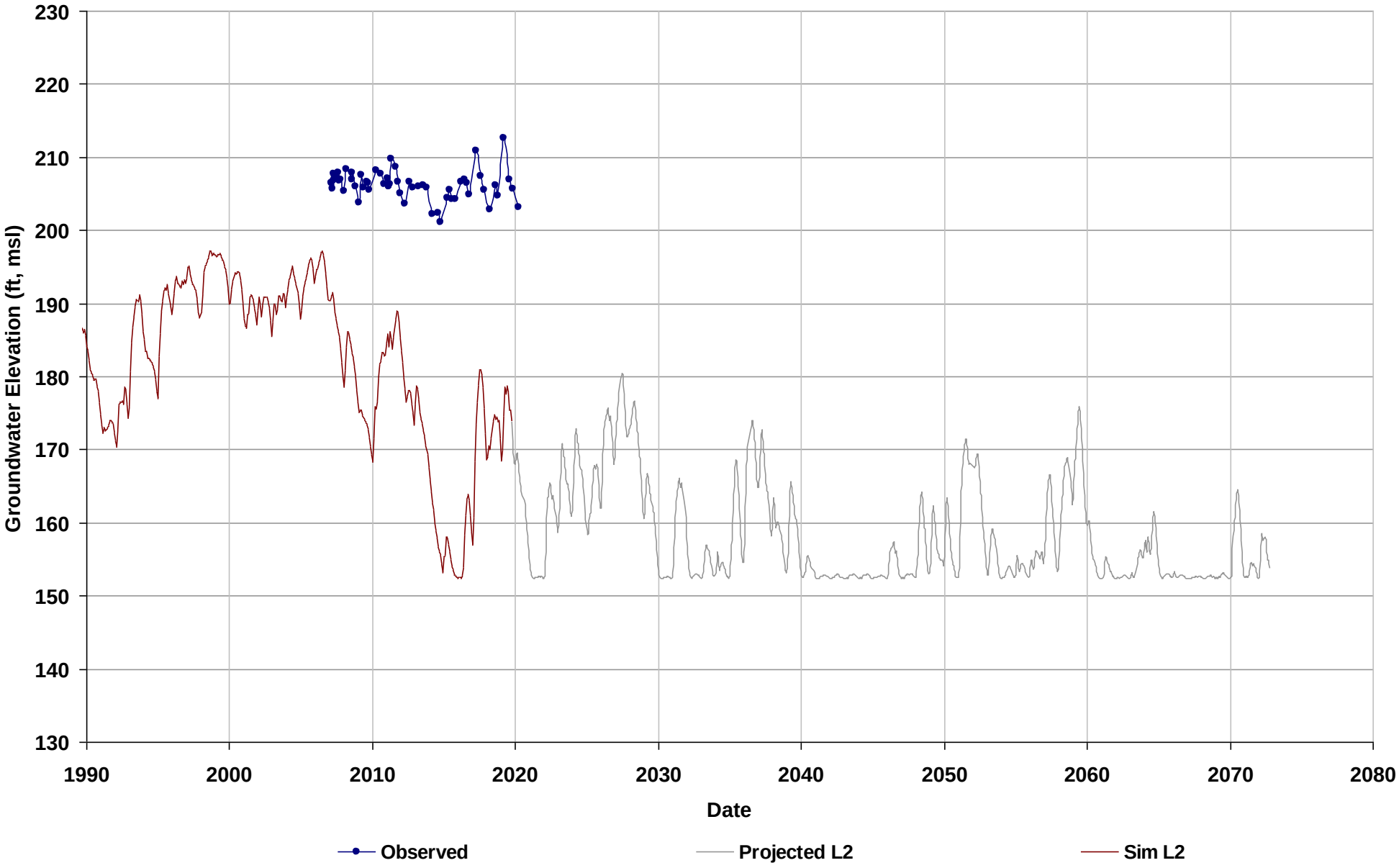
Total Depth (ft):
Perf Top (ft): 12
Perf Bottom (ft): 239
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

Well Name: 22N02W18C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

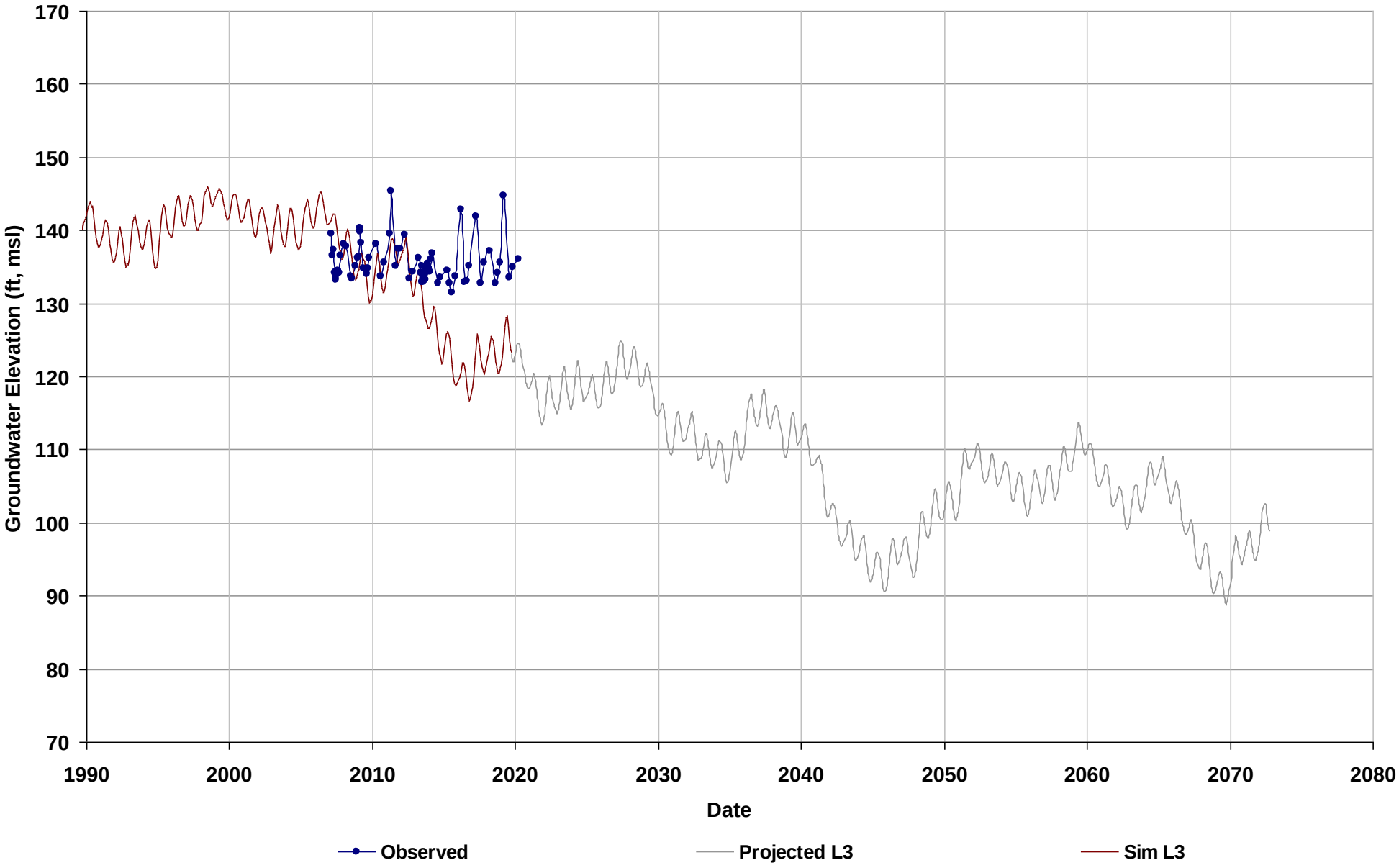
Total Depth (ft): 90
Perf Top (ft): 55
Perf Bottom (ft): 65
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use)

Well Name: 22N02W01N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

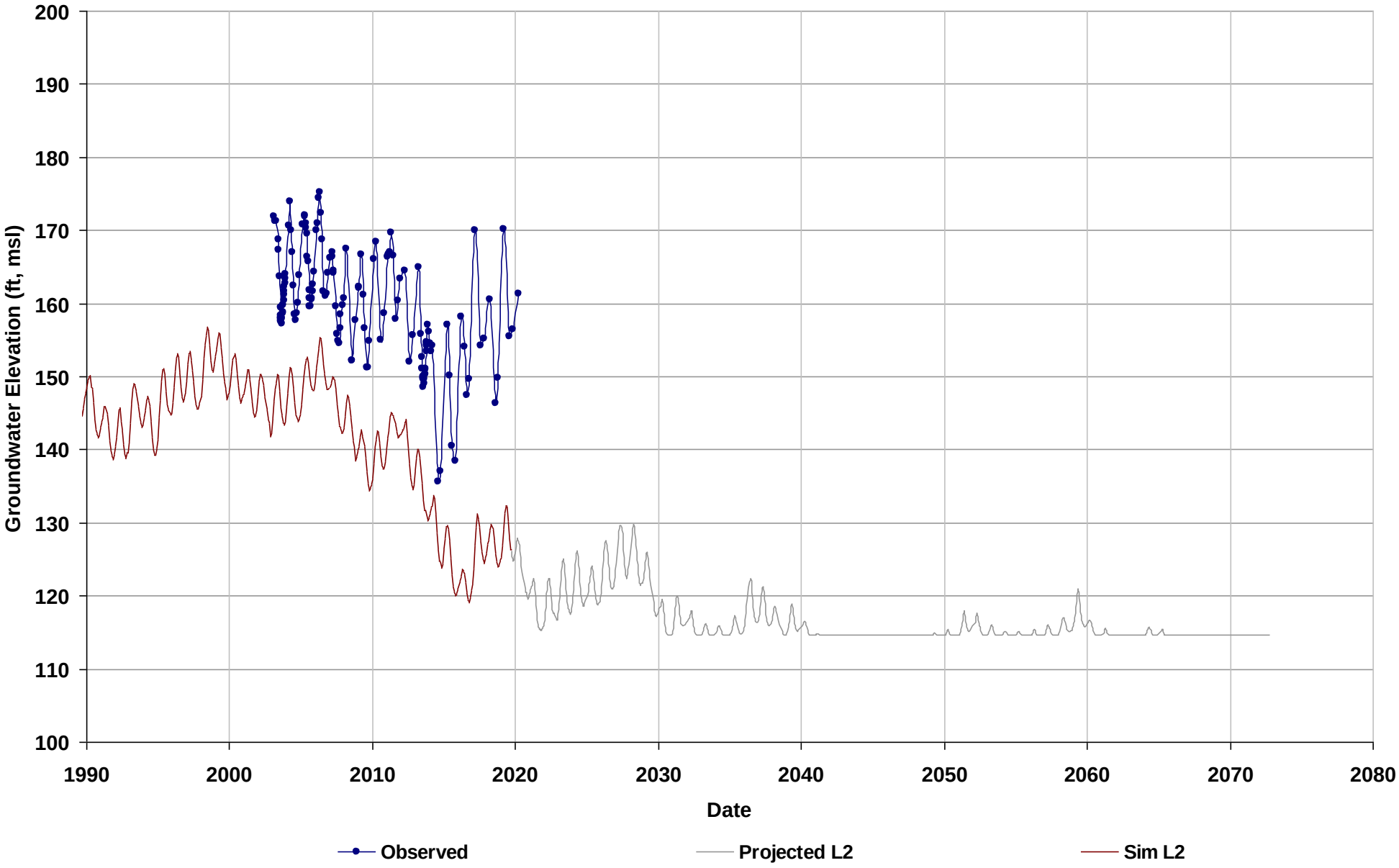
Total Depth (ft): 108
Perf Top (ft): 70
Perf Bottom (ft): 80
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use)

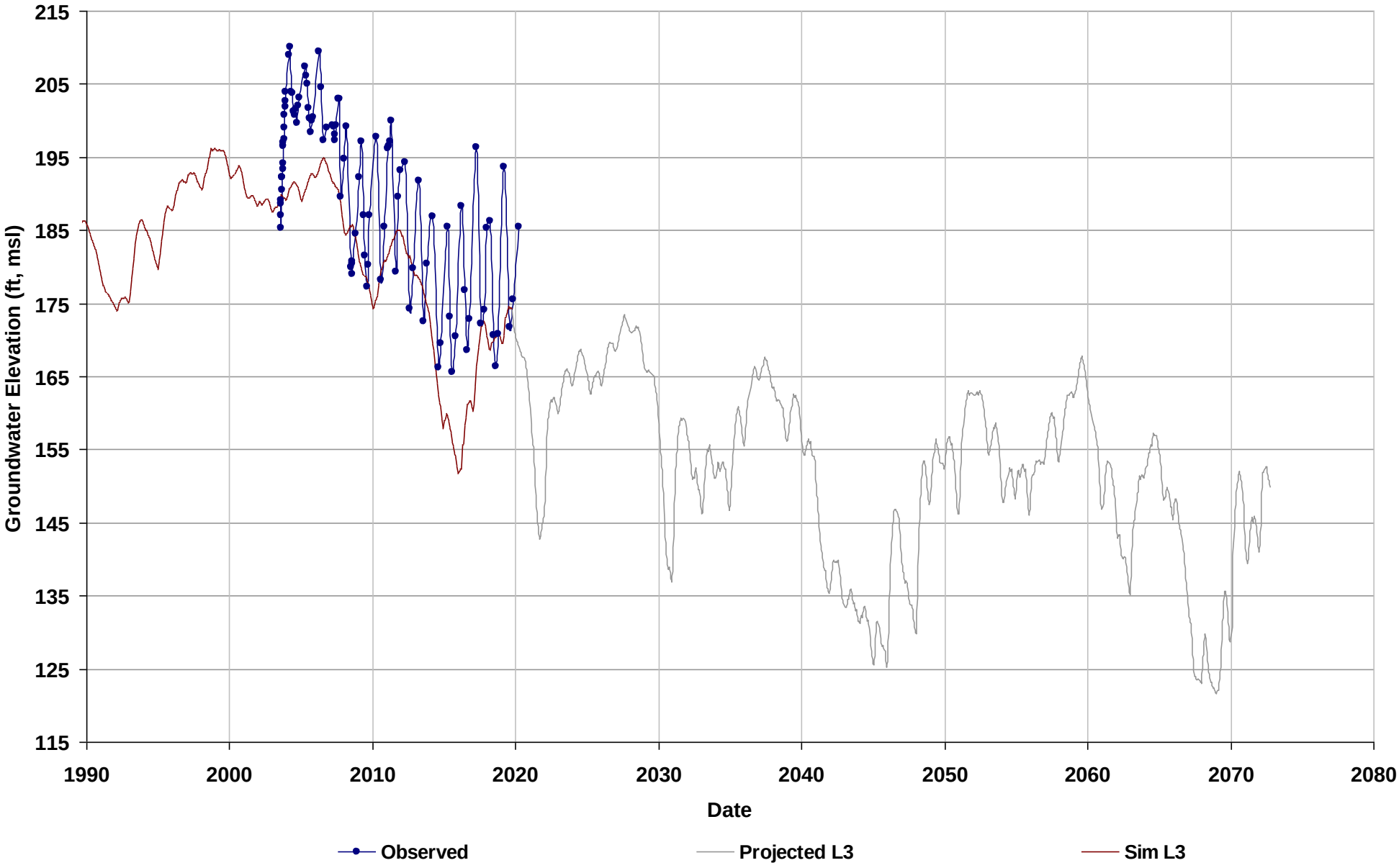
Well Name: 22N02W15C005M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 100
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 2
Bottom Model Layer: 2



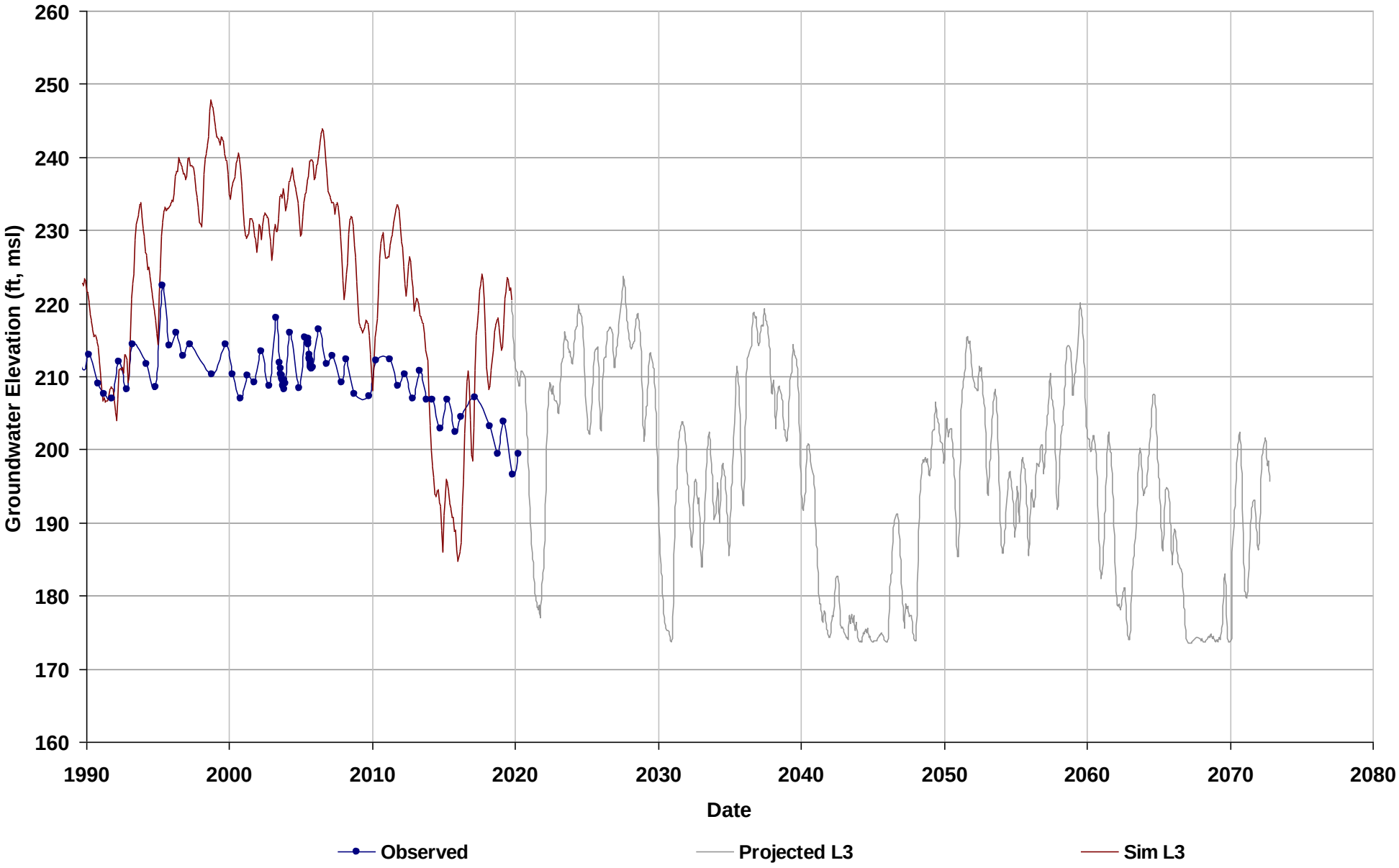
Well Name: 22N03W01R003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

Total Depth (ft): 103
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 3
Bottom Model Layer: 3



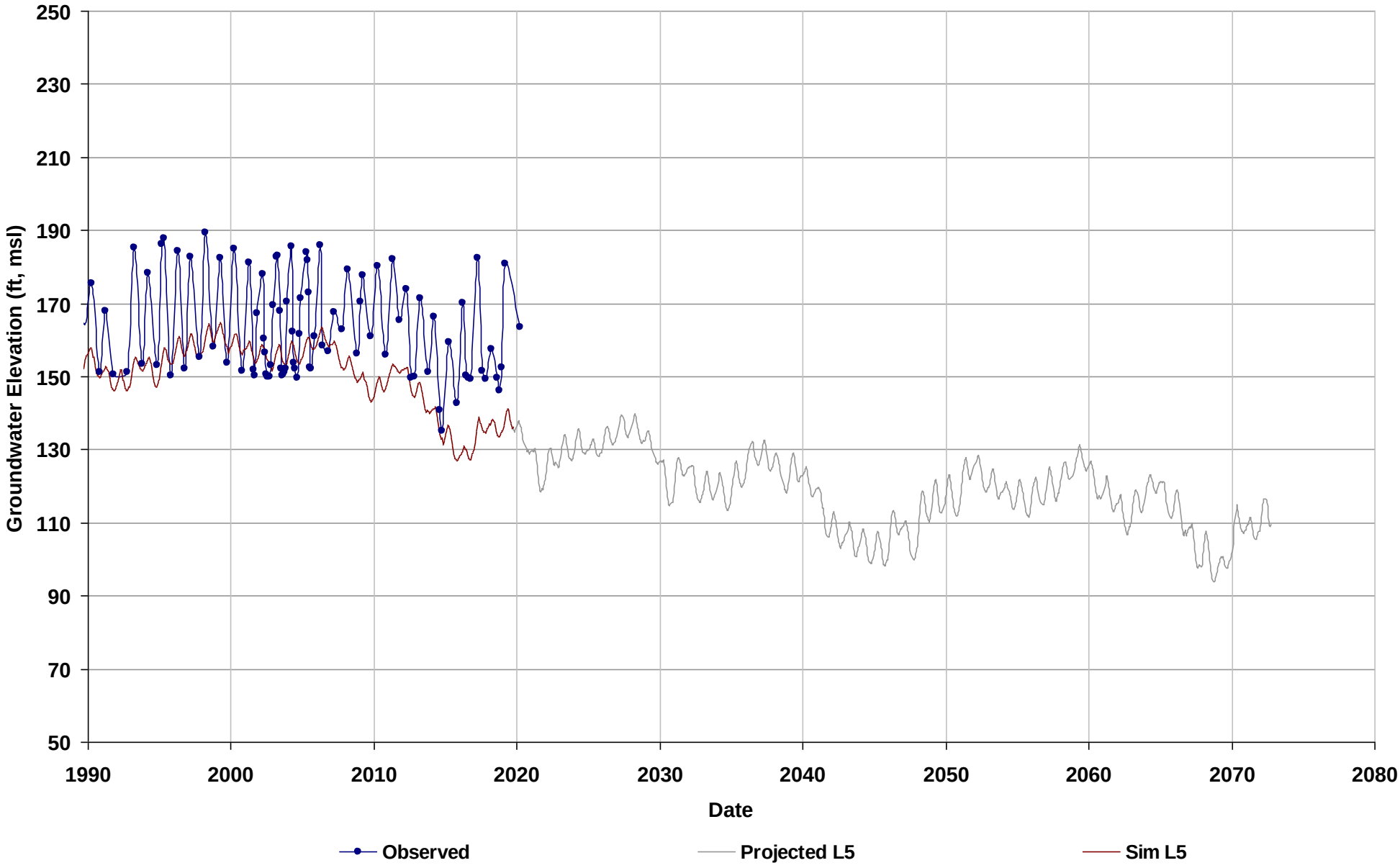
Well Name: 22N03W04E001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 285

Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 180
Top Model Layer: 3
Bottom Model Layer: 3



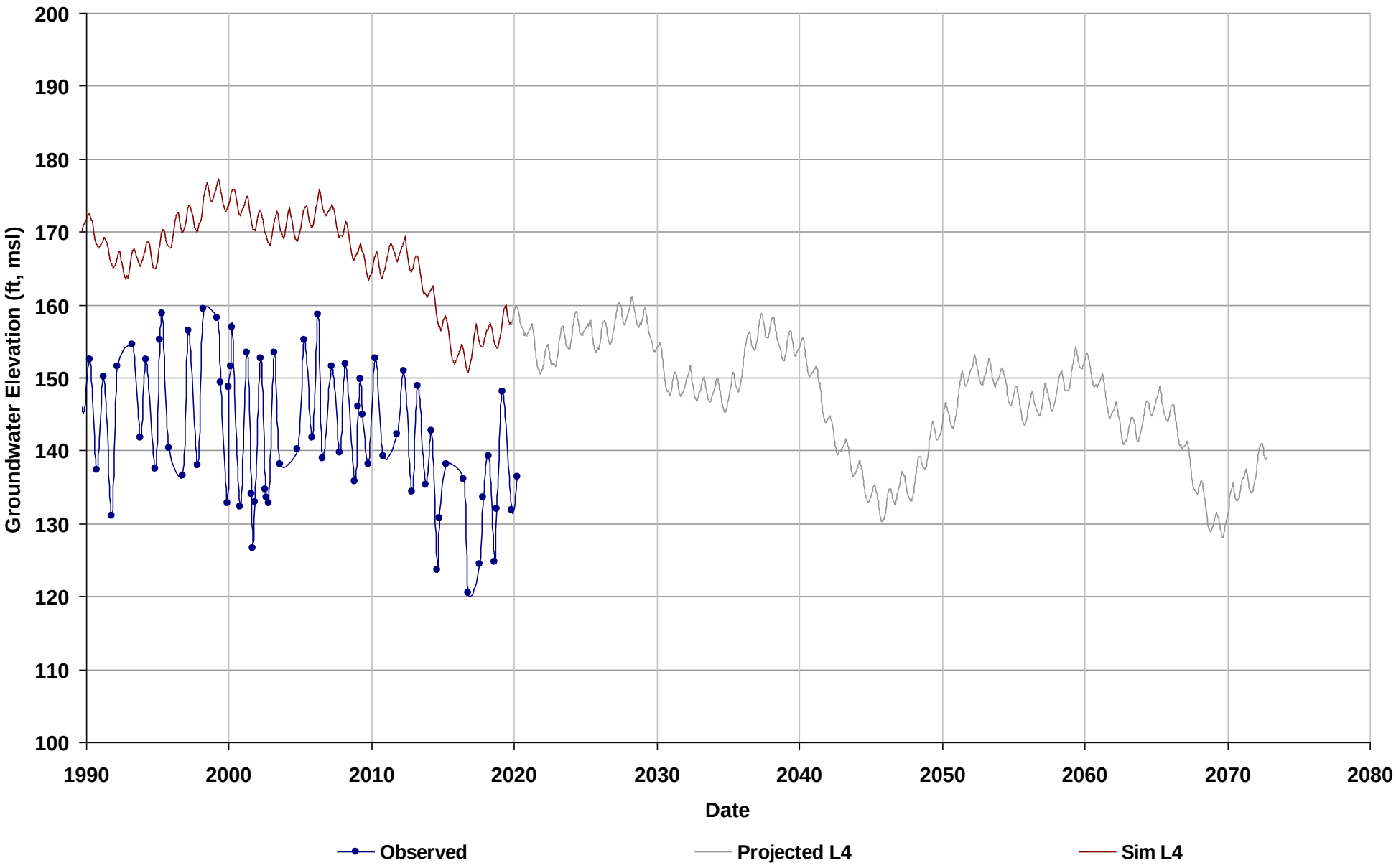
Well Name: 22N02W09L003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 197

Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 536
Top Model Layer: 5
Bottom Model Layer: 5



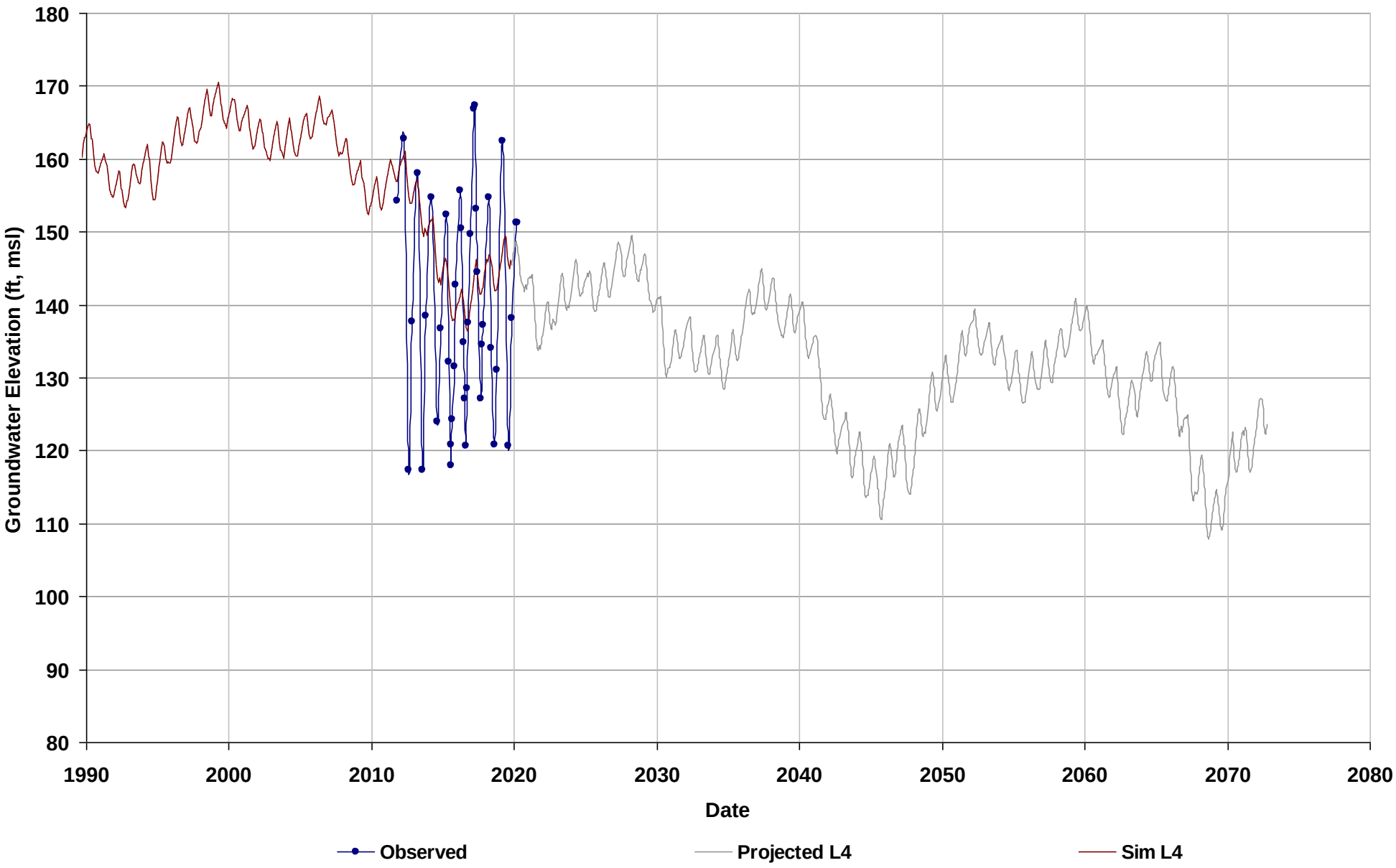
Well Name: 23N02W16B001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 184

Total Depth (ft): 120
Perf Top (ft): 100
Perf Bottom (ft): 120
Top Model Layer: 4
Bottom Model Layer: 4



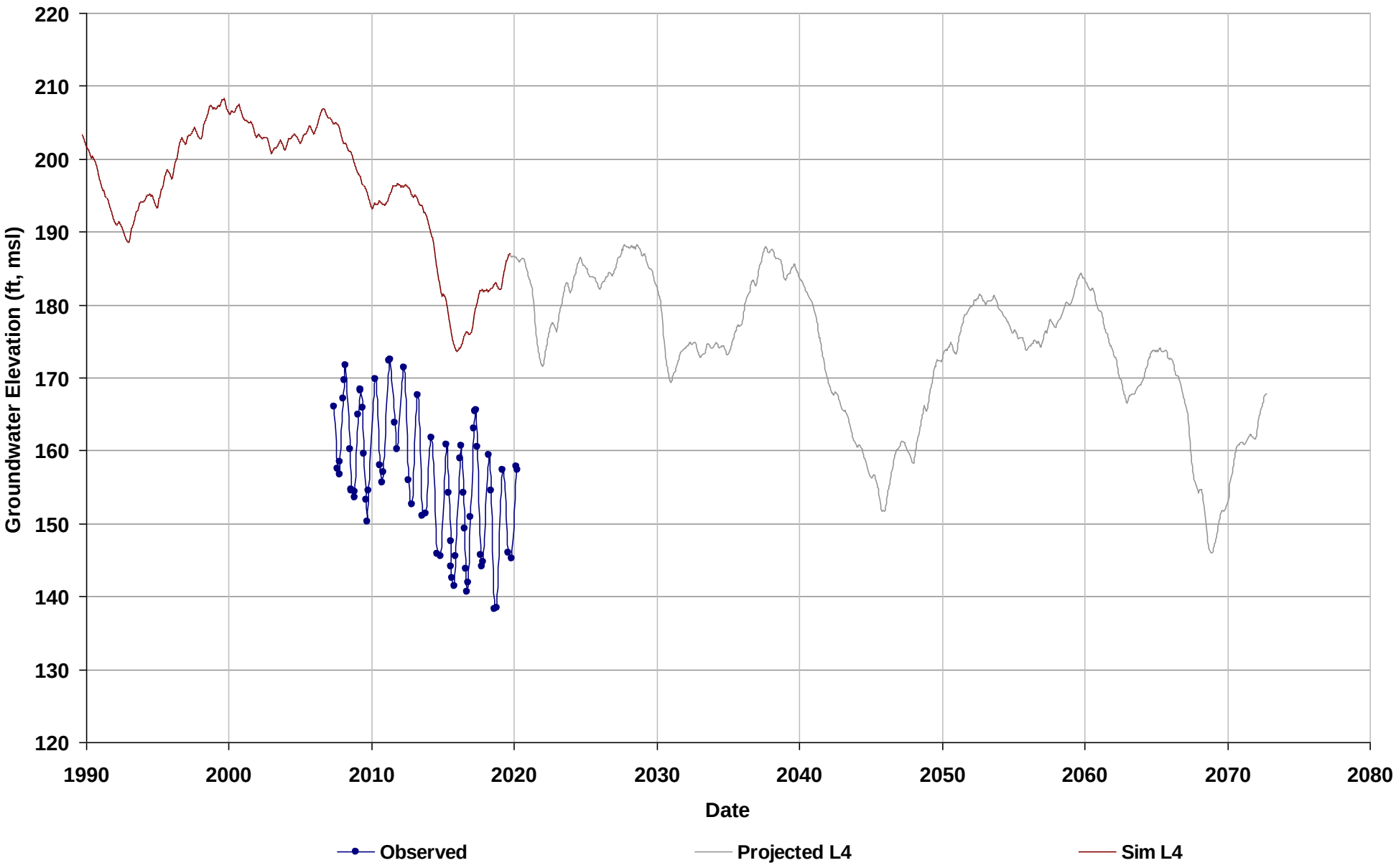
Well Name: 23N02W28N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 202

Total Depth (ft): 205
Perf Top (ft): 100
Perf Bottom (ft): 170
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 23N03W13C006M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 213

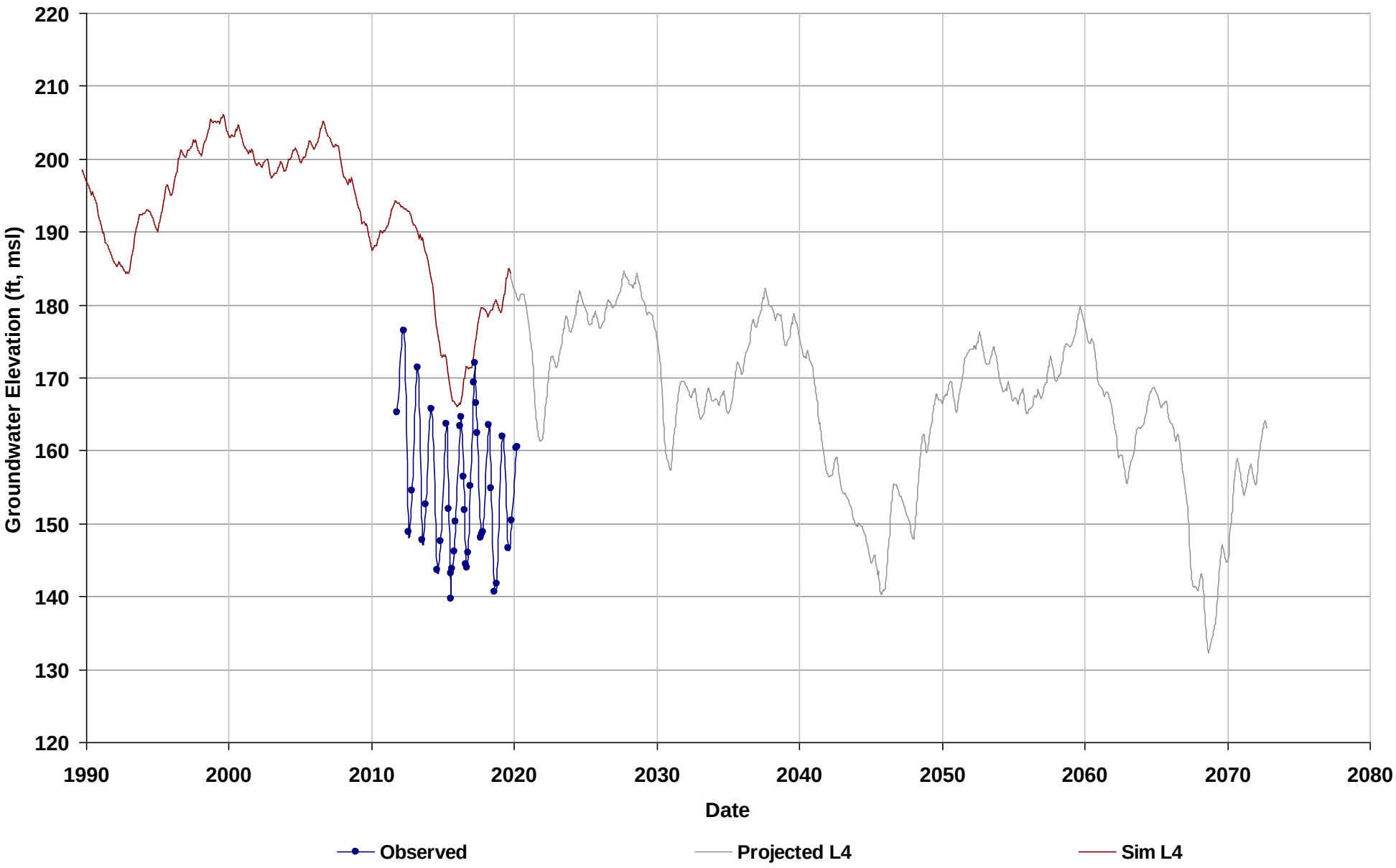
Total Depth (ft): 182
Perf Top (ft): 95
Perf Bottom (ft): 135
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

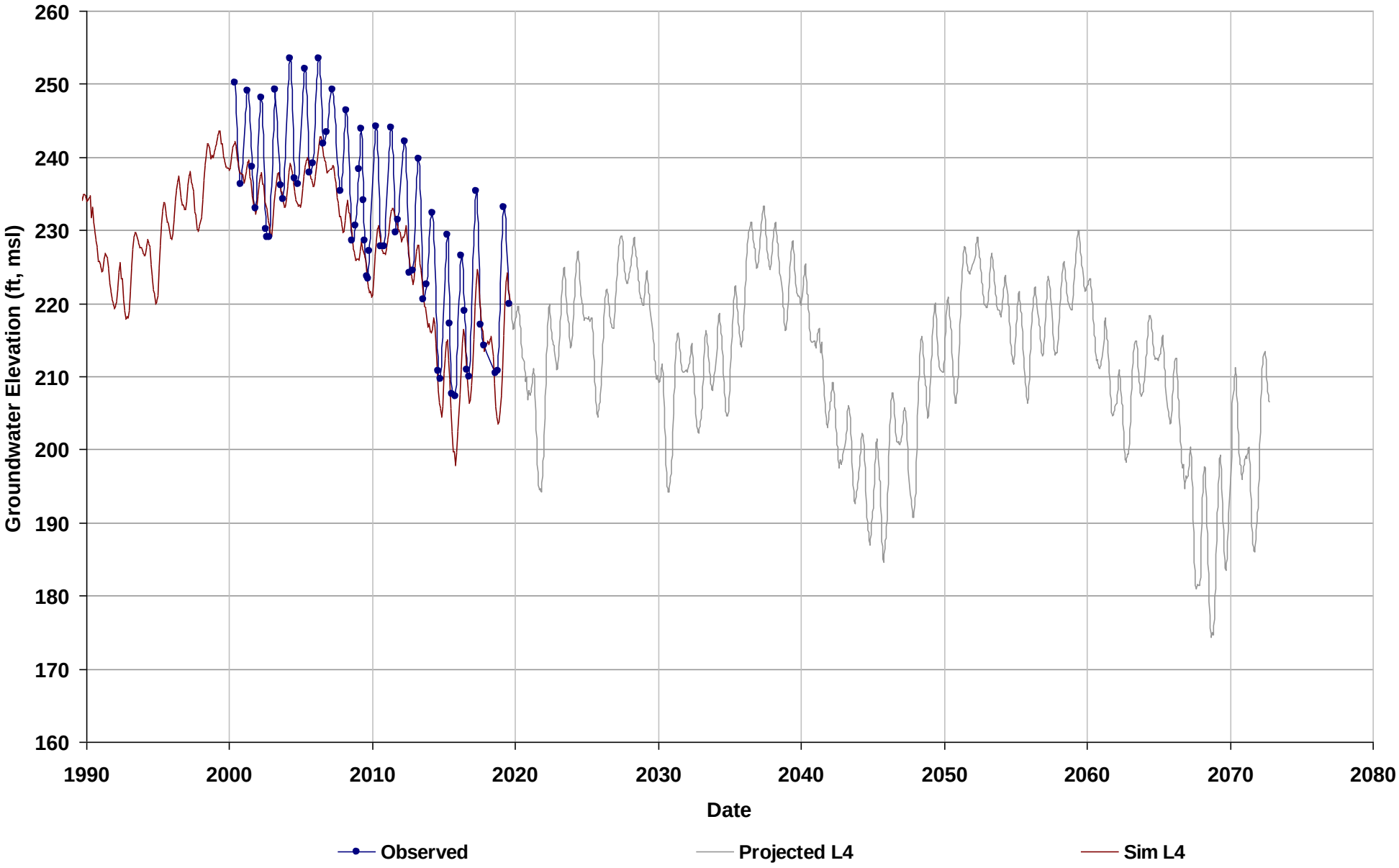
Well Name: 23N03W25M004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 235

Total Depth (ft): 155
Perf Top (ft): 120
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



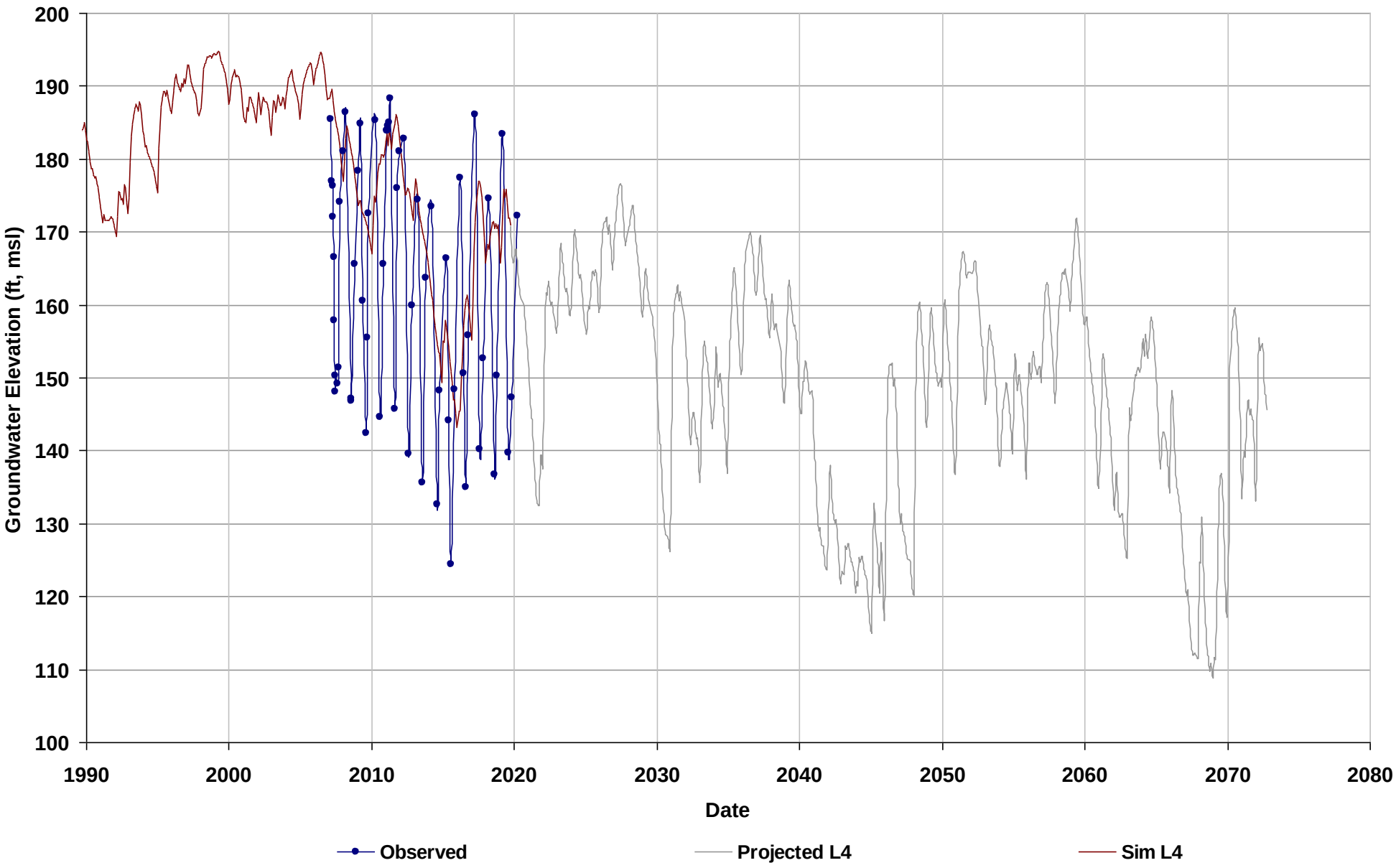
Well Name: 24N03W03R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 278

Total Depth (ft): 132
Perf Top (ft): 112
Perf Bottom (ft): 132
Top Model Layer: 4
Bottom Model Layer: 4



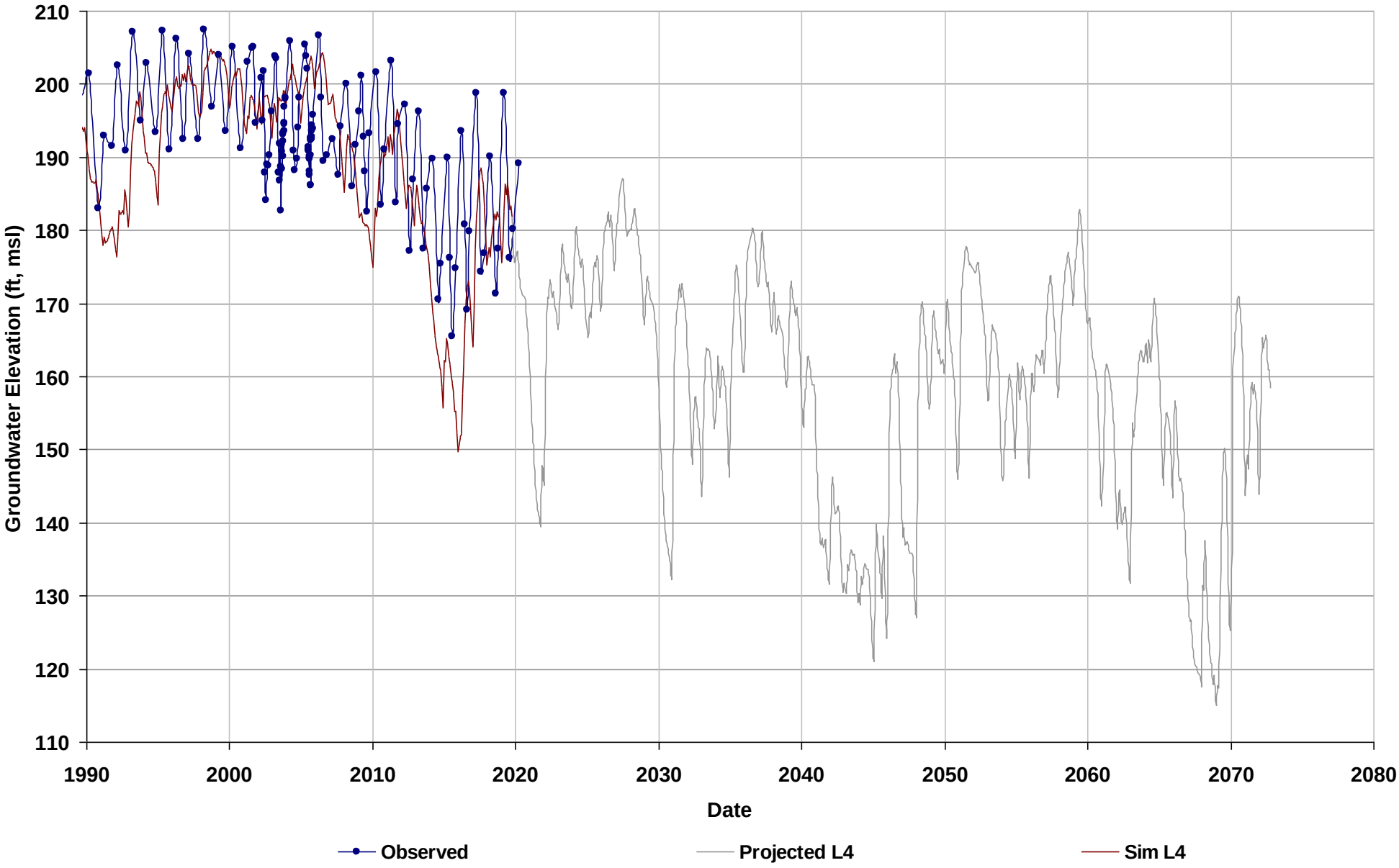
Well Name: 22N02W18C003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 188
Perf Top (ft): 165
Perf Bottom (ft): 175
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 22N03W12Q003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 232

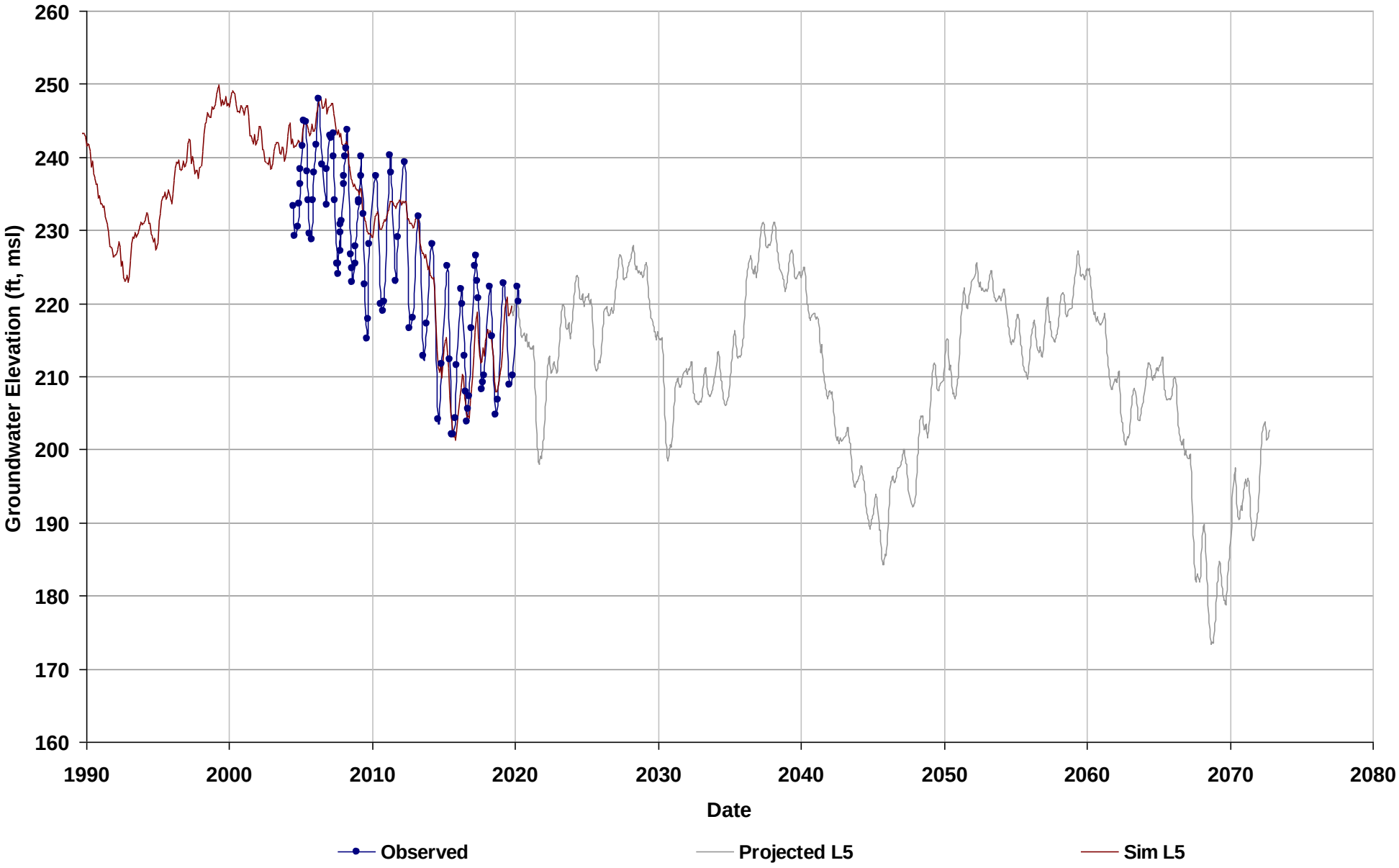
Total Depth (ft):
Perf Top (ft): 112
Perf Bottom (ft): 123
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

Well Name: 24N03W29Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 314

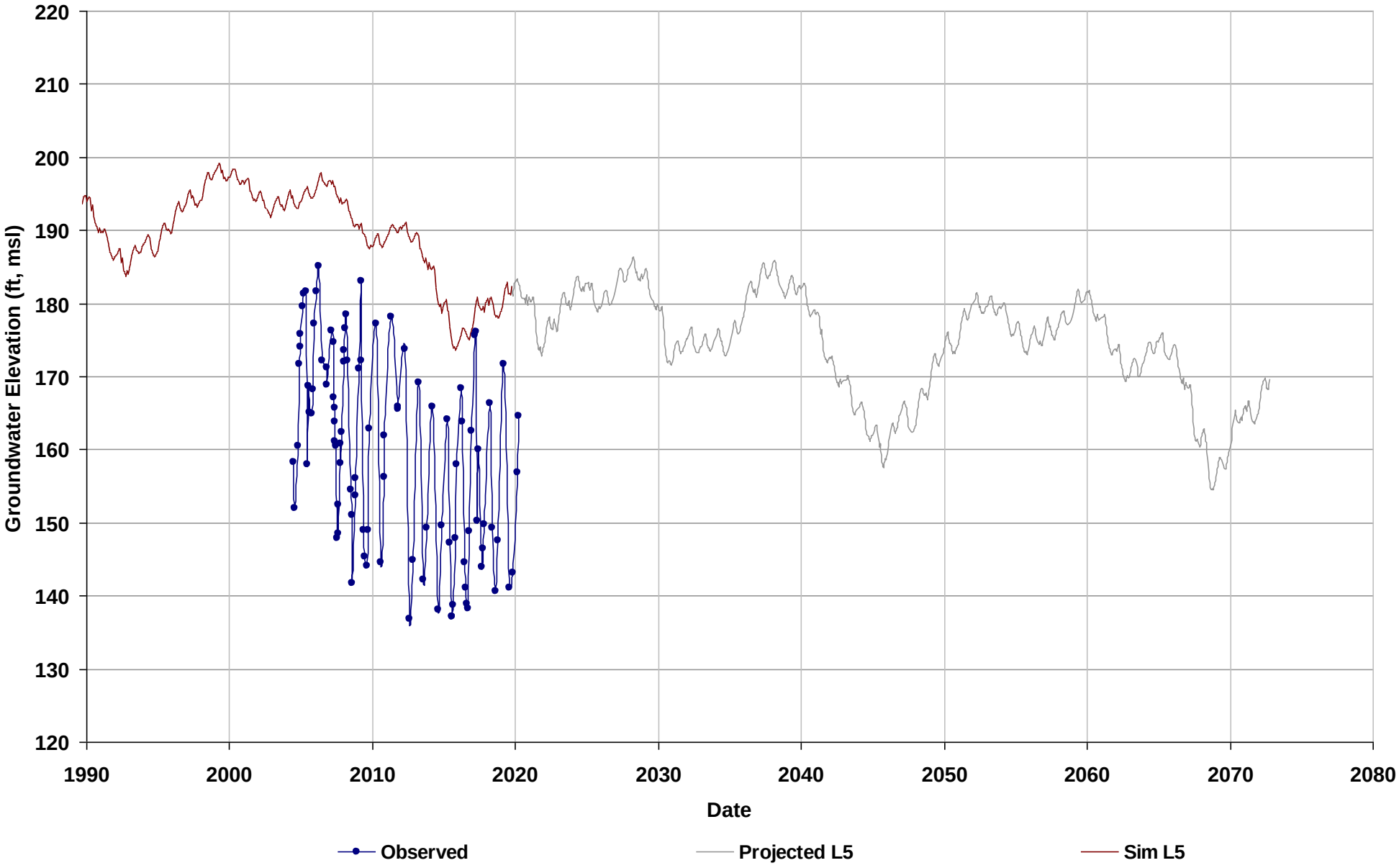
Total Depth (ft): 372
Perf Top (ft): 130
Perf Bottom (ft): 360
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use)

Well Name: 24N02W29N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 212

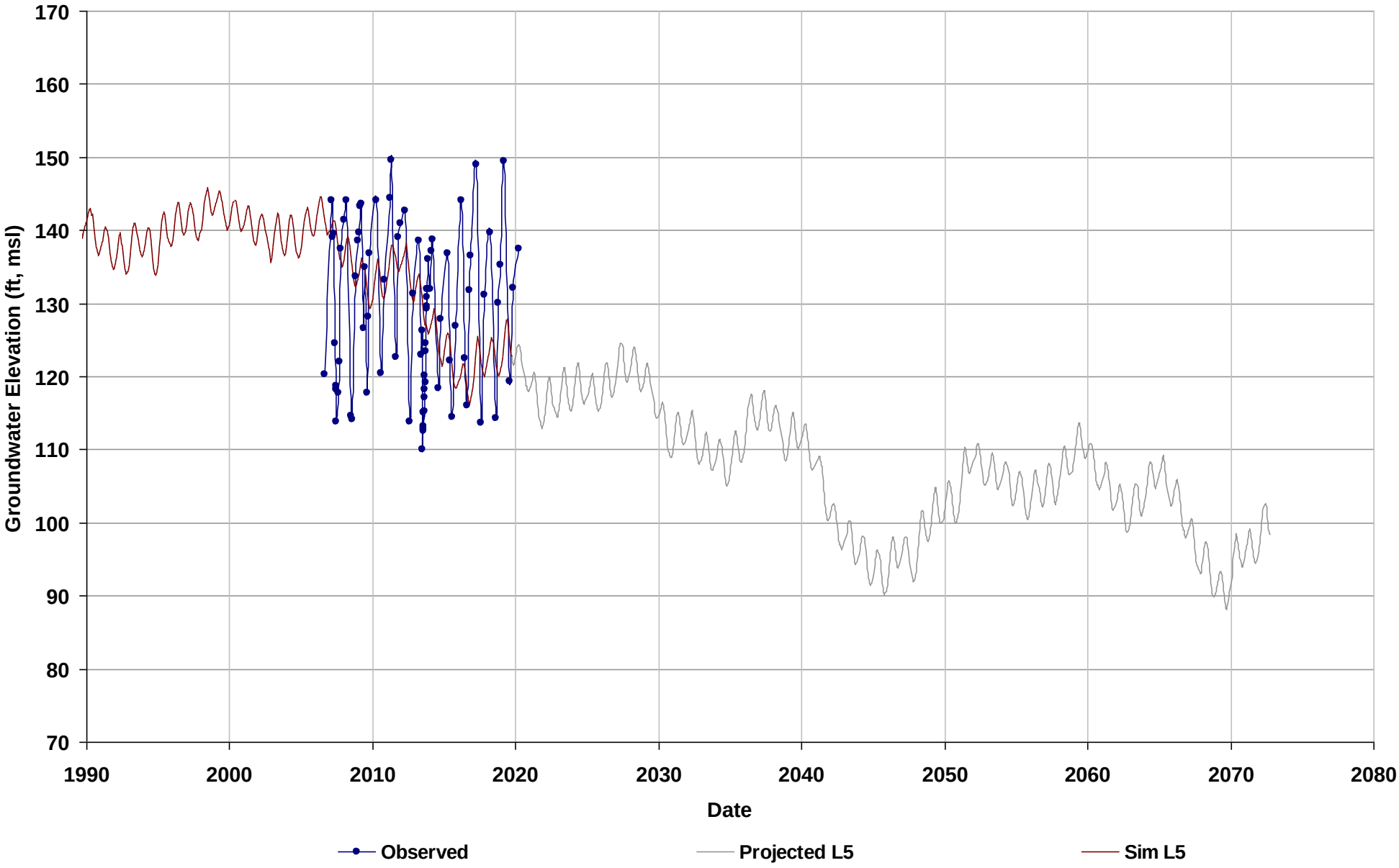
Total Depth (ft): 388
Perf Top (ft): 200
Perf Bottom (ft): 290
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use)

Well Name: 22N02W01N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

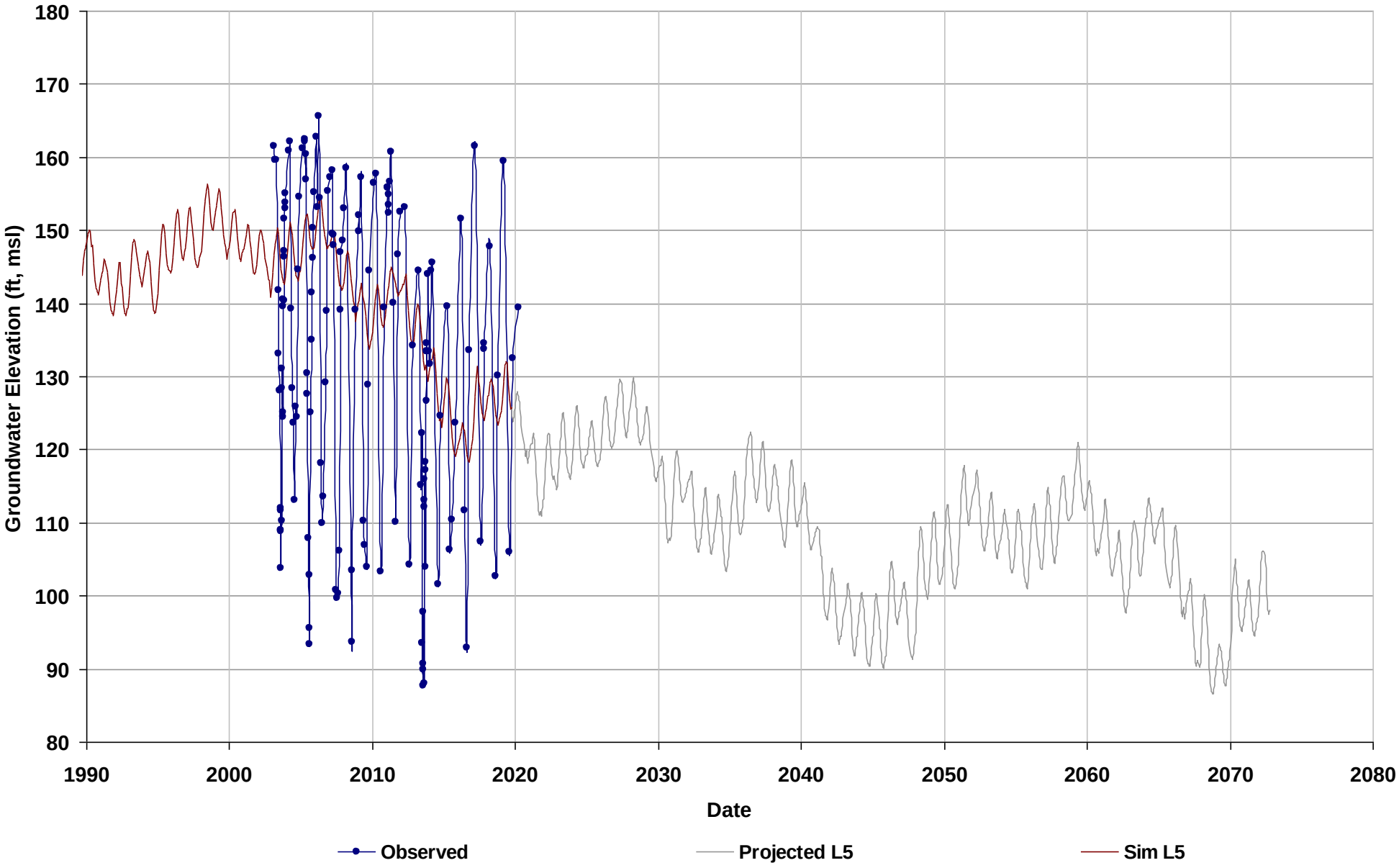
Total Depth (ft): 440
Perf Top (ft): 210
Perf Bottom (ft): 370
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use)

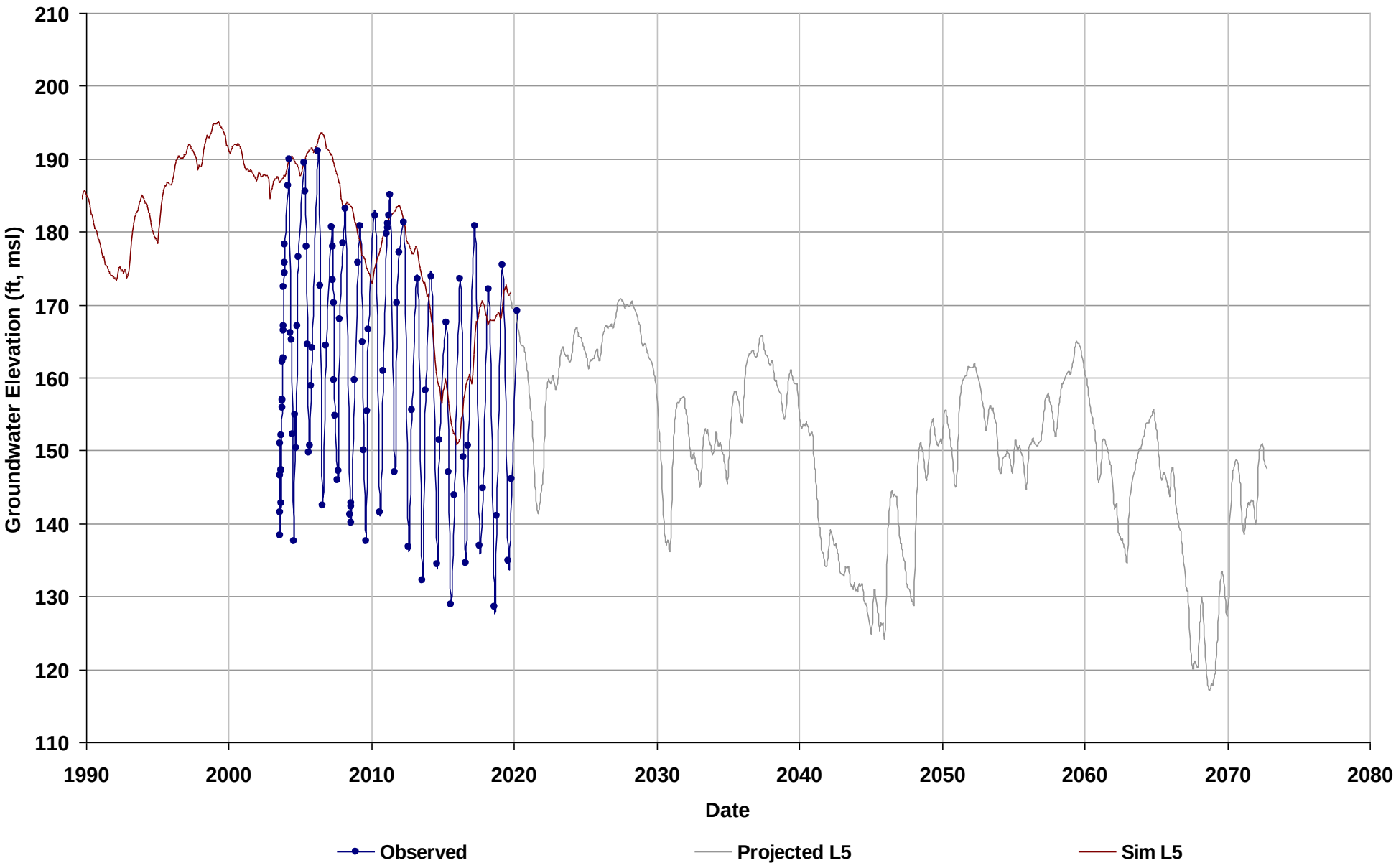
Well Name: 22N02W15C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 258
Perf Top (ft): 210
Perf Bottom (ft): 220
Top Model Layer: 5
Bottom Model Layer: 5



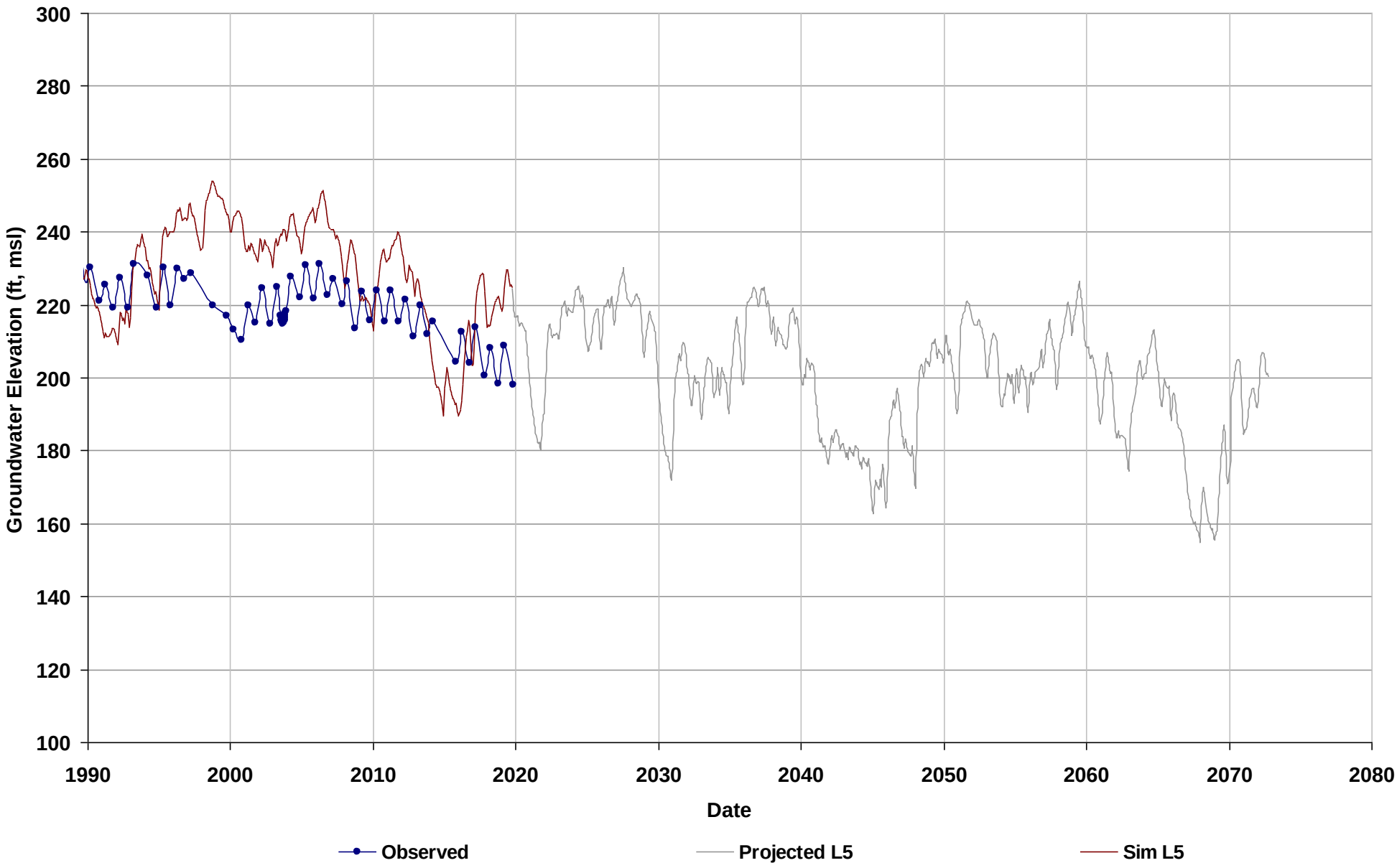
Well Name: 22N03W01R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

Total Depth (ft): 314
Perf Top (ft): 270
Perf Bottom (ft): 280
Top Model Layer: 5
Bottom Model Layer: 5



Well Name: 22N03W05F002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 297

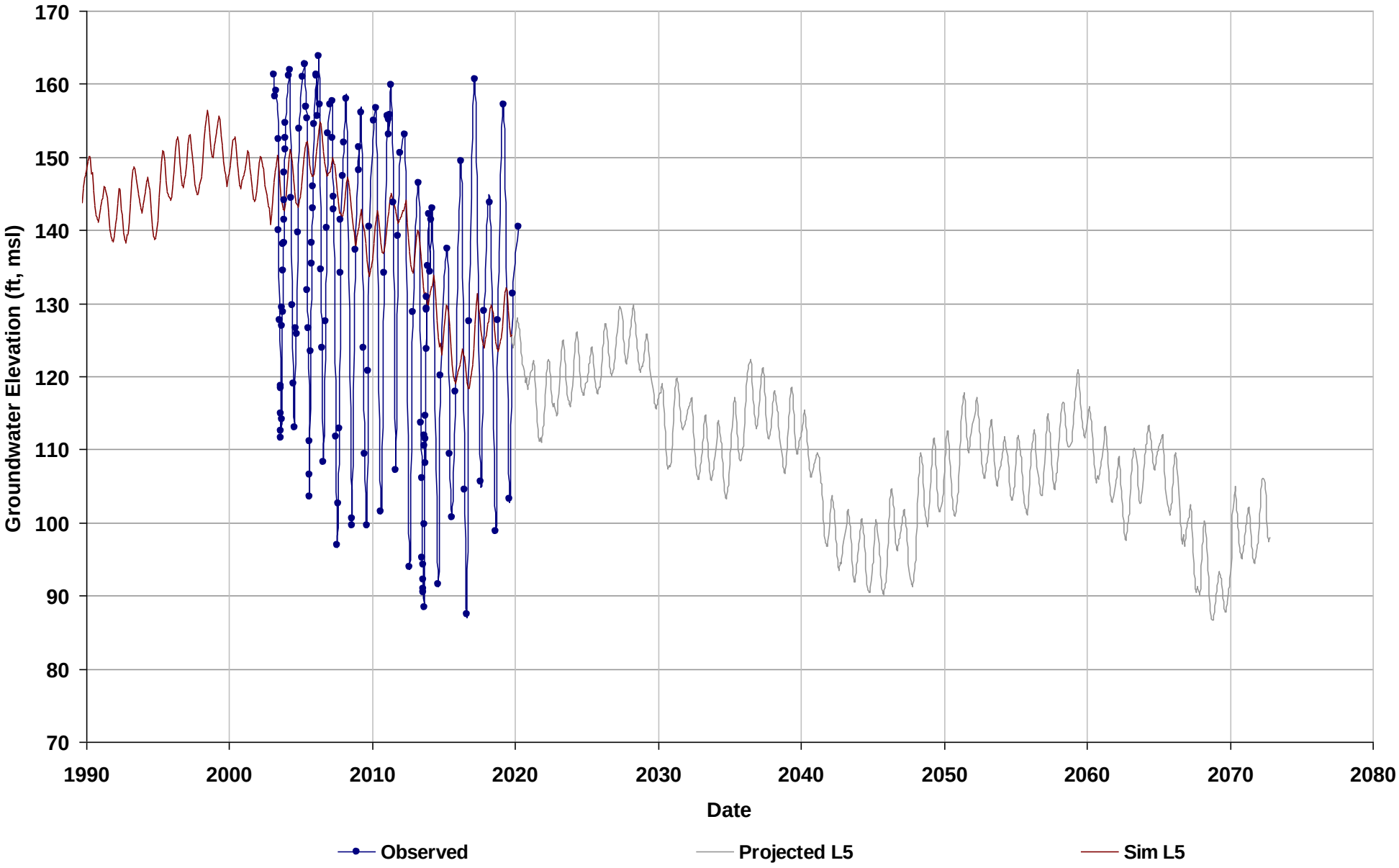
Total Depth (ft):
Perf Top (ft): 188
Perf Bottom (ft): 218
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use)

Well Name: 22N02W15C003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 189

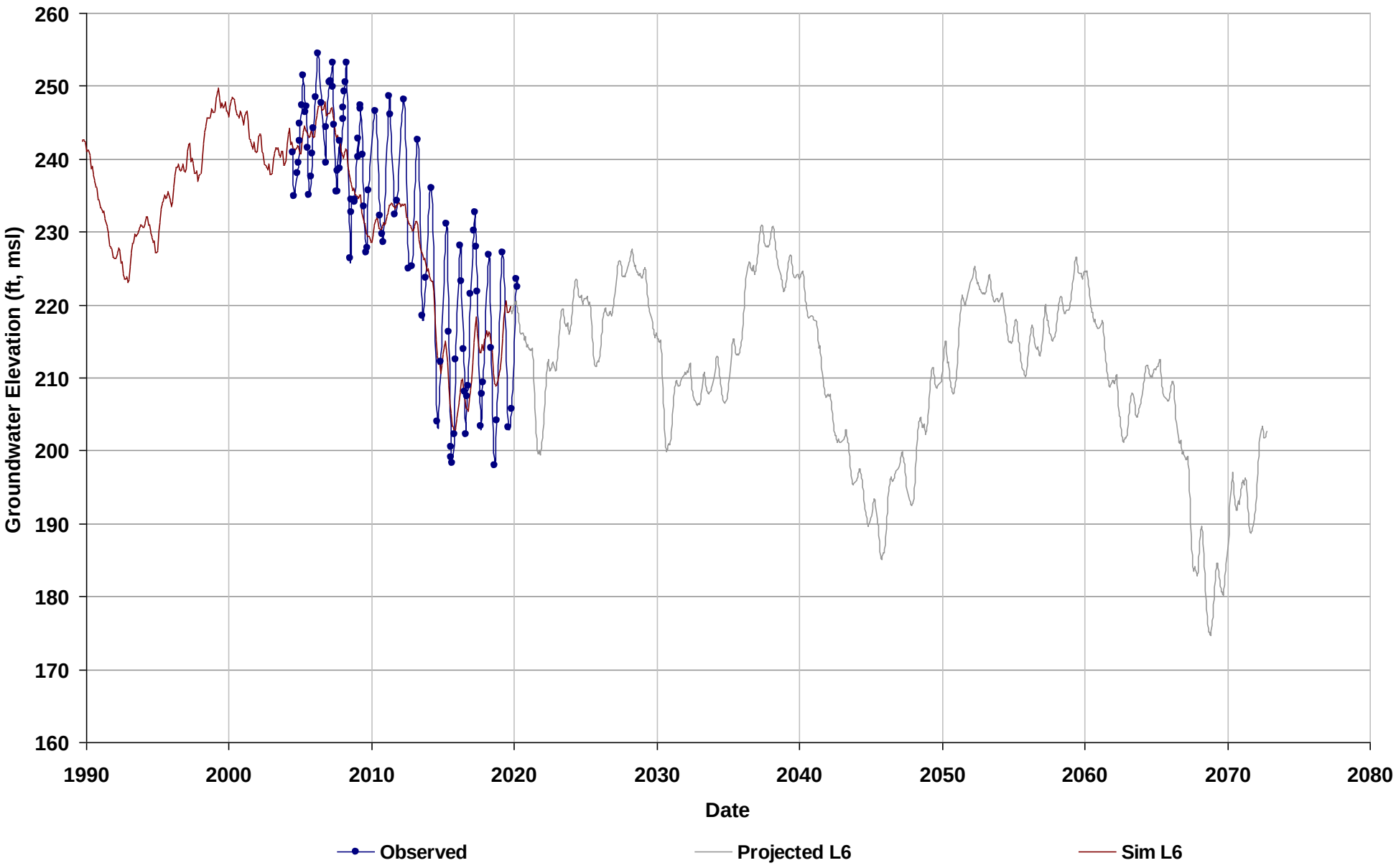
Total Depth (ft): 422
Perf Top (ft): 370
Perf Bottom (ft): 380
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use)

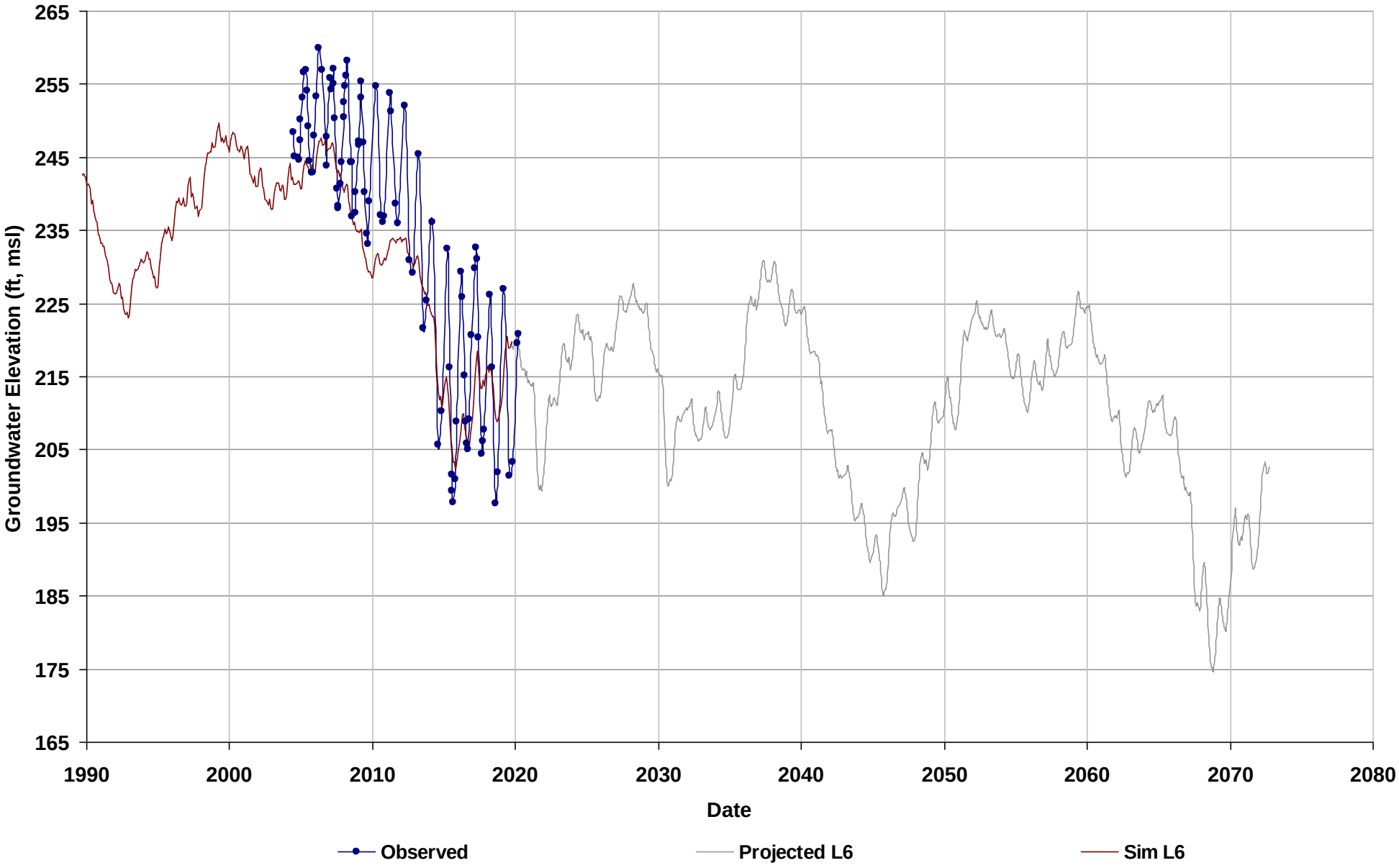
Well Name: 24N03W29Q002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

Total Depth (ft): 575
Perf Top (ft): 490
Perf Bottom (ft): 550
Top Model Layer: 6
Bottom Model Layer: 6



Well Name: 24N03W29Q003M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

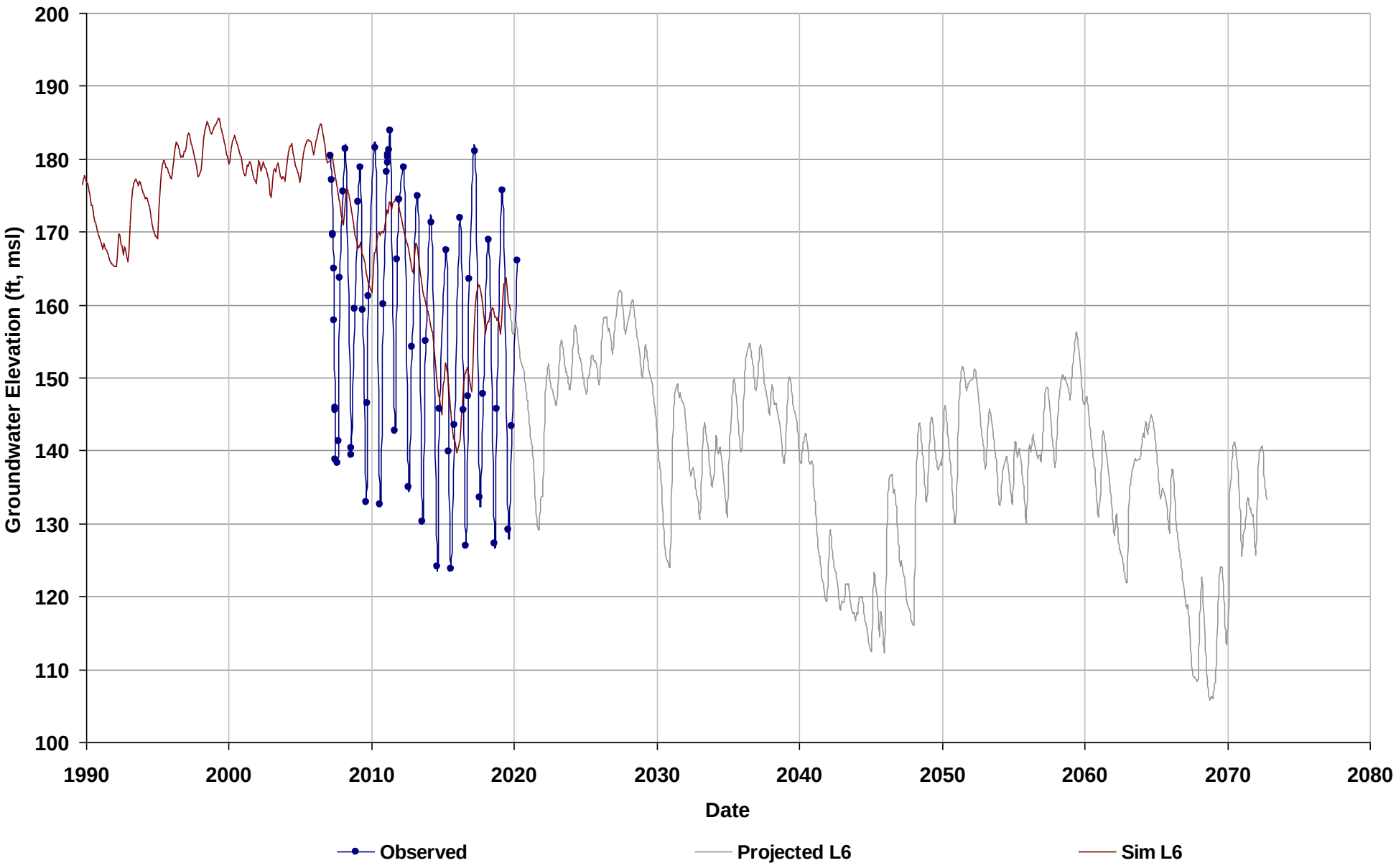
Total Depth (ft): 844
Perf Top (ft): 650
Perf Bottom (ft): 710
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use)

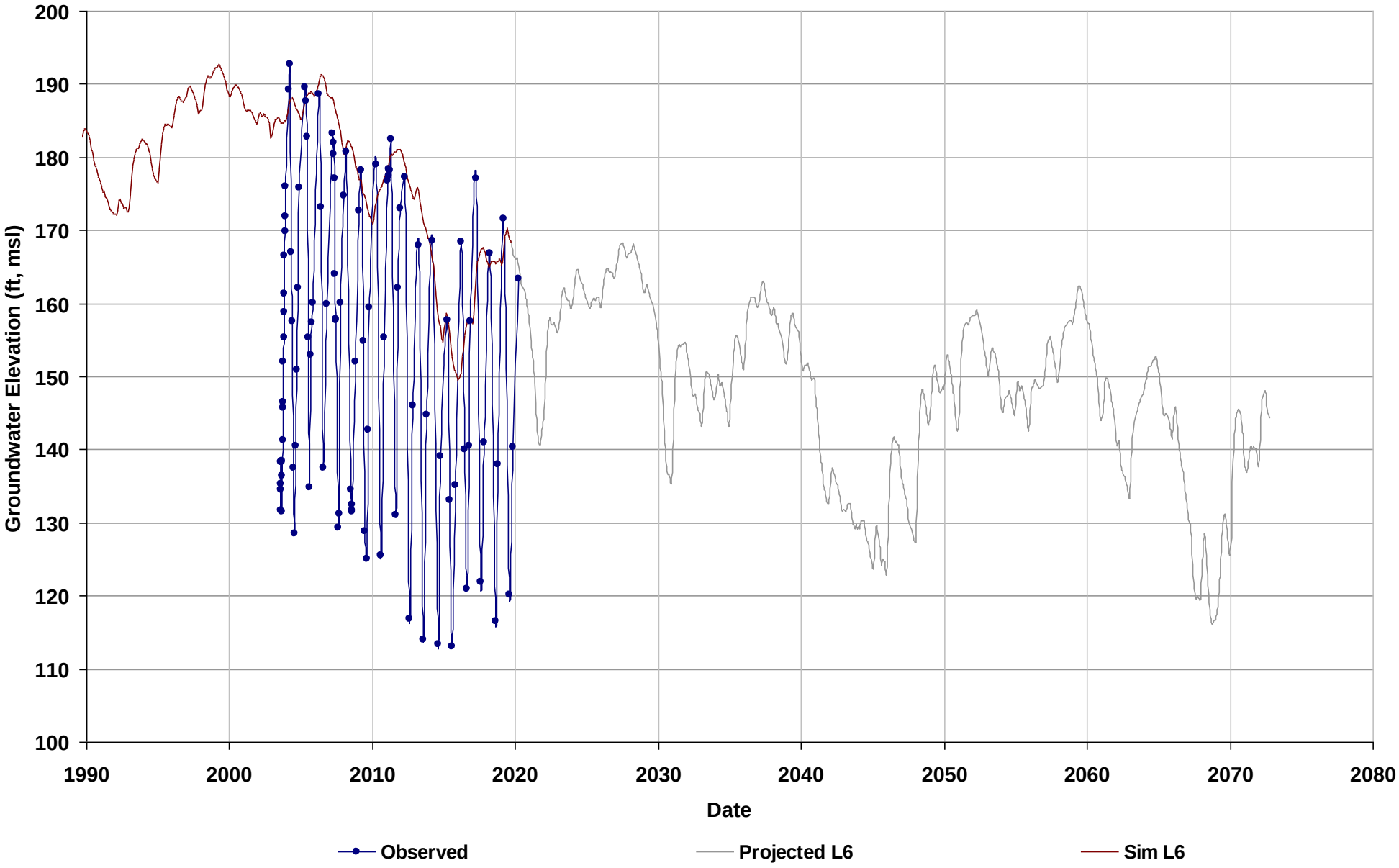
Well Name: 22N02W18C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 482
Perf Top (ft): 414
Perf Bottom (ft): 434
Top Model Layer: 6
Bottom Model Layer: 6



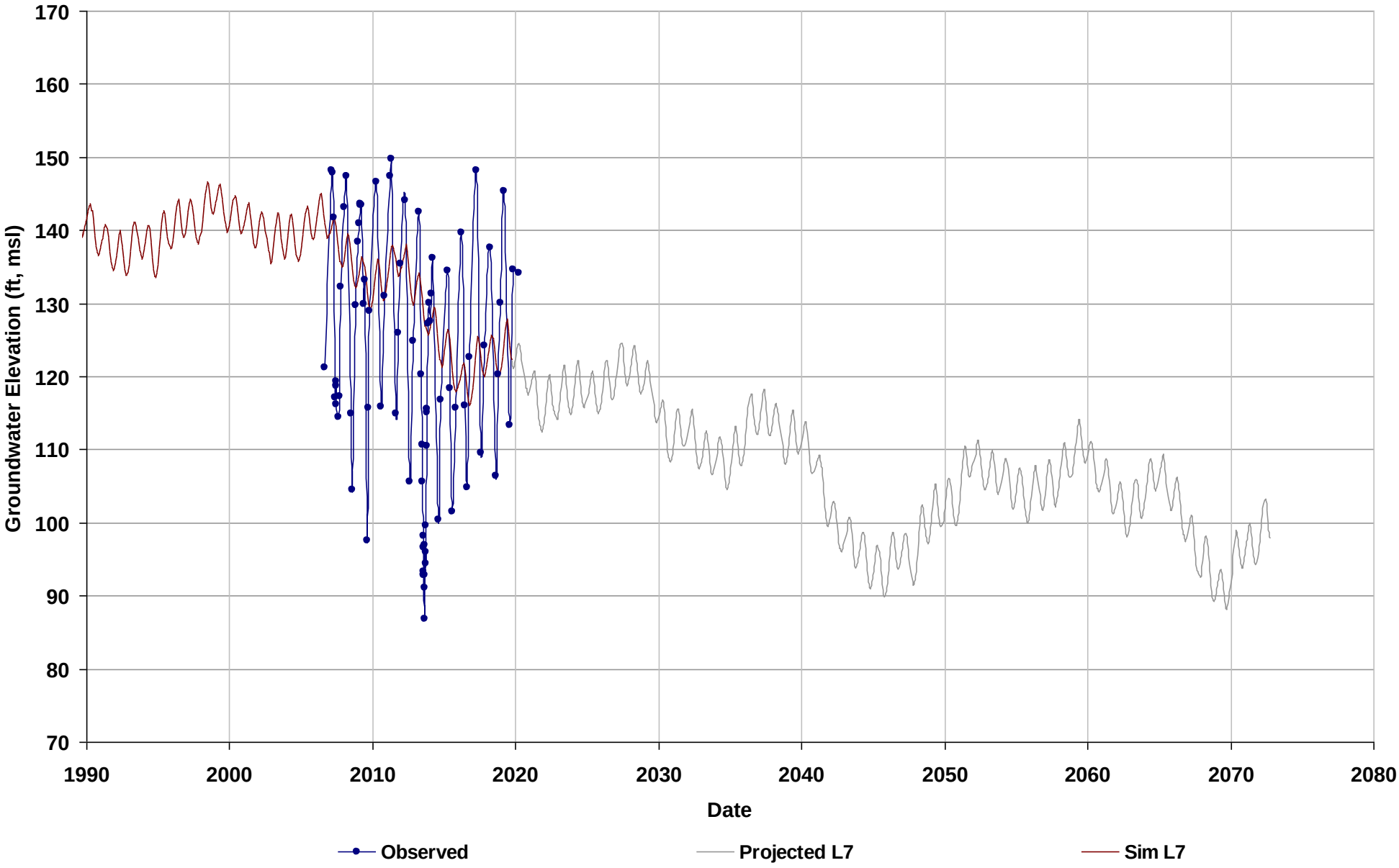
Well Name: 22N03W01R001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 226

Total Depth (ft): 515
Perf Top (ft): 470
Perf Bottom (ft): 480
Top Model Layer: 6
Bottom Model Layer: 6



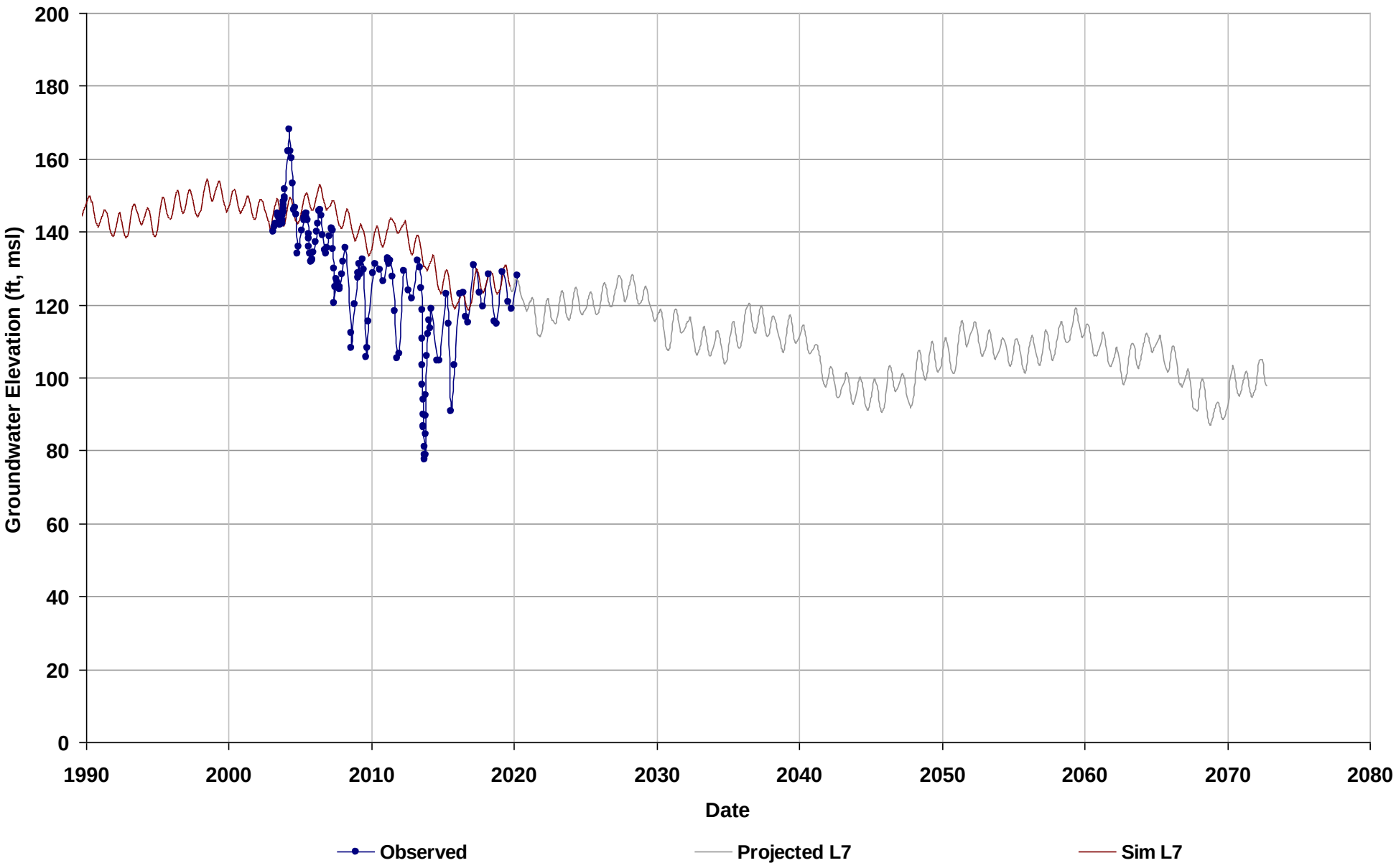
Well Name: 22N02W01N002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

Total Depth (ft): 730
Perf Top (ft): 700
Perf Bottom (ft): 710
Top Model Layer: 7
Bottom Model Layer: 7



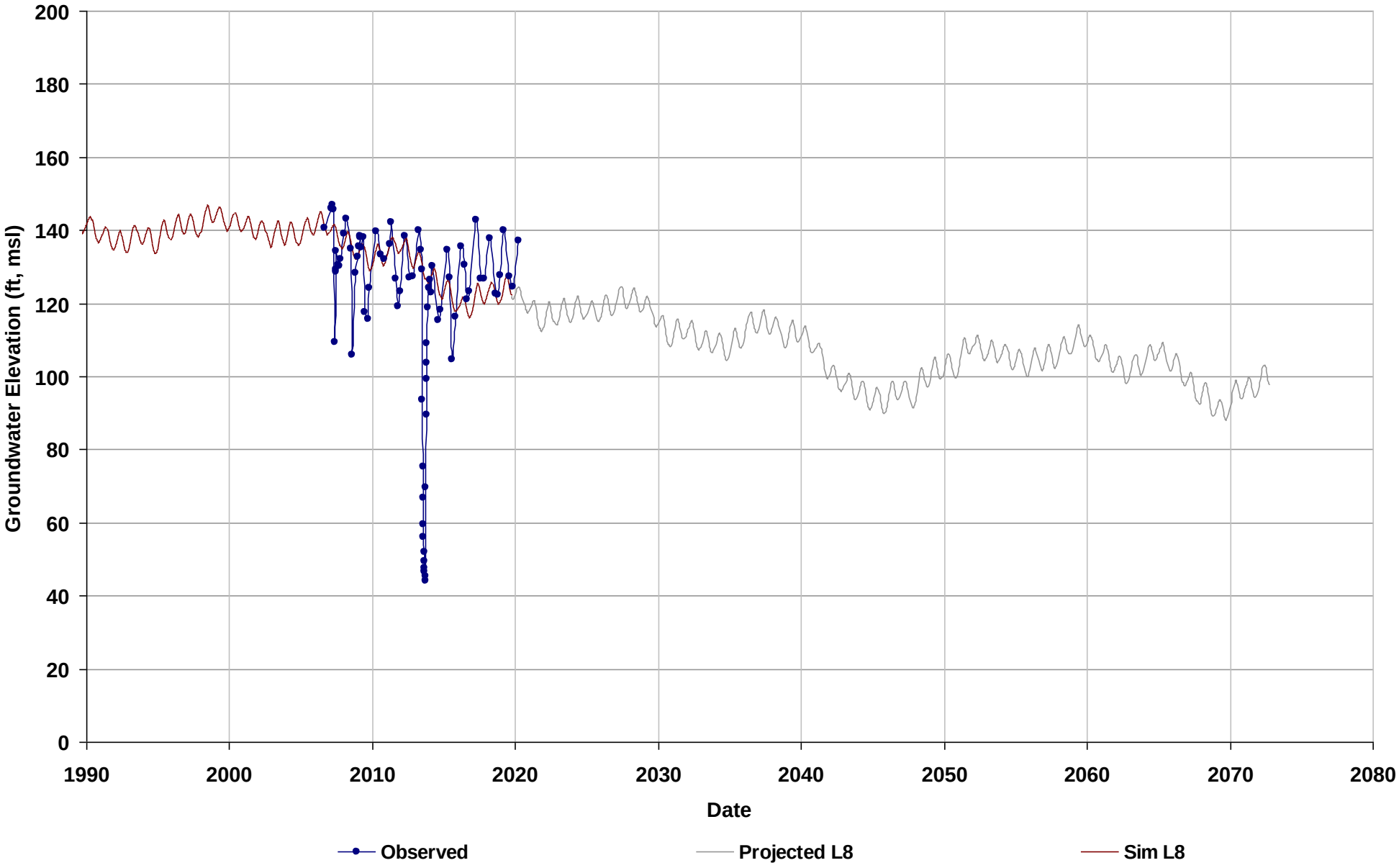
Well Name: 22N02W15C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 825
Perf Top (ft): 760
Perf Bottom (ft): 781
Top Model Layer: 7
Bottom Model Layer: 7



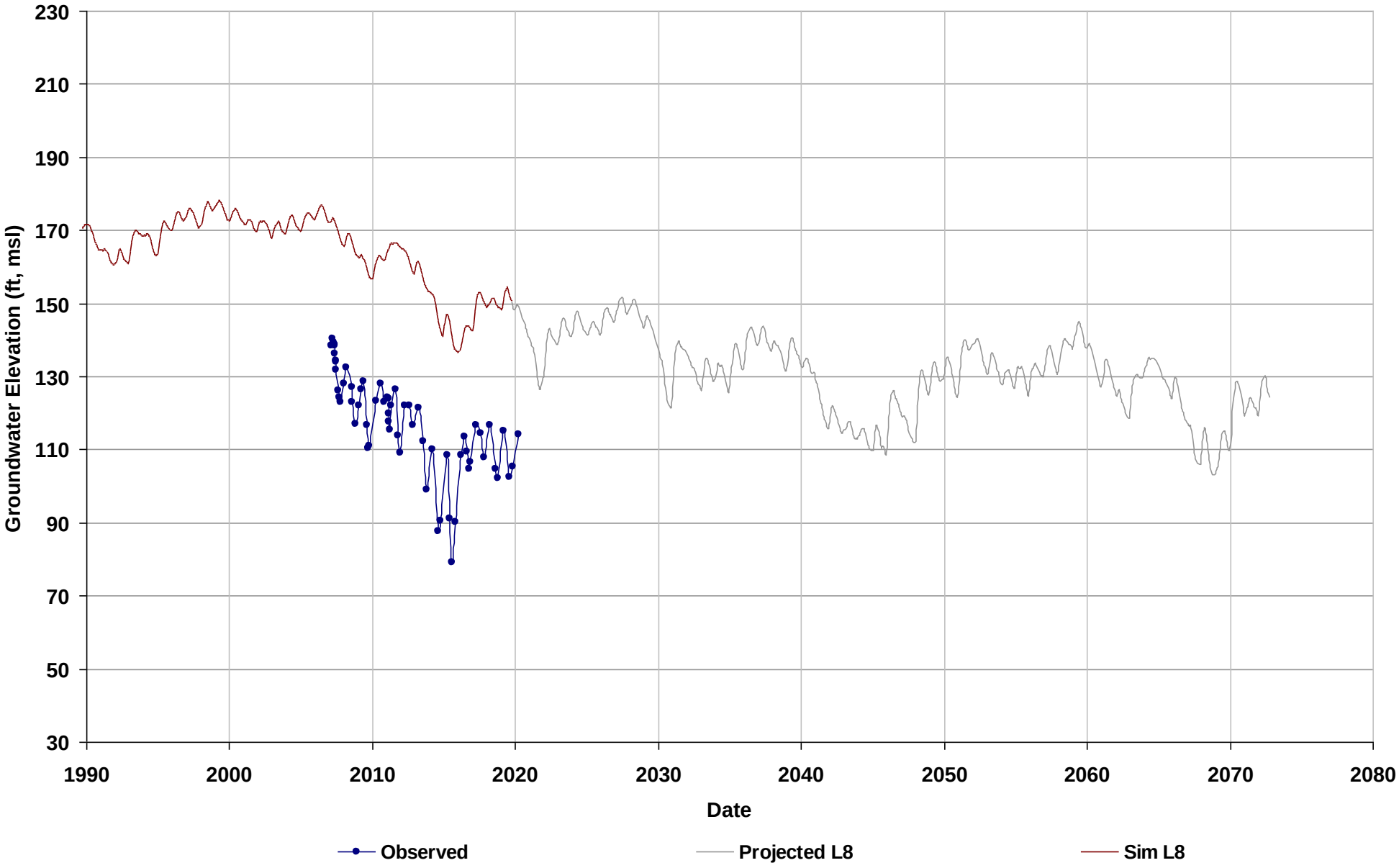
Well Name: 22N02W01N001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

Total Depth (ft): 1100
Perf Top (ft): 810
Perf Bottom (ft): 1050
Top Model Layer: 8
Bottom Model Layer: 8



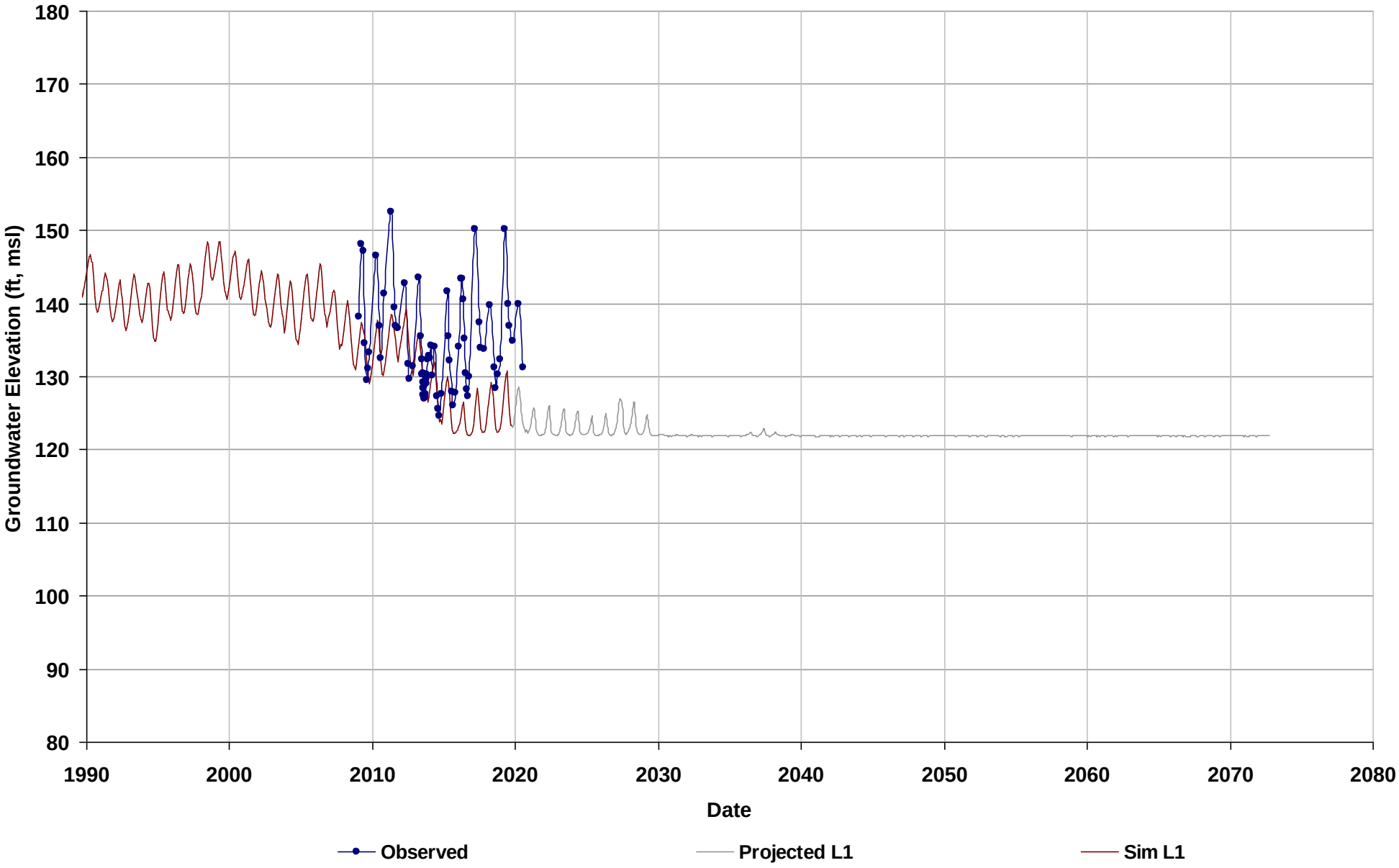
Well Name: 22N02W18C001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 1062
Perf Top (ft): 841
Perf Bottom (ft): 1029
Top Model Layer: 8
Bottom Model Layer: 8



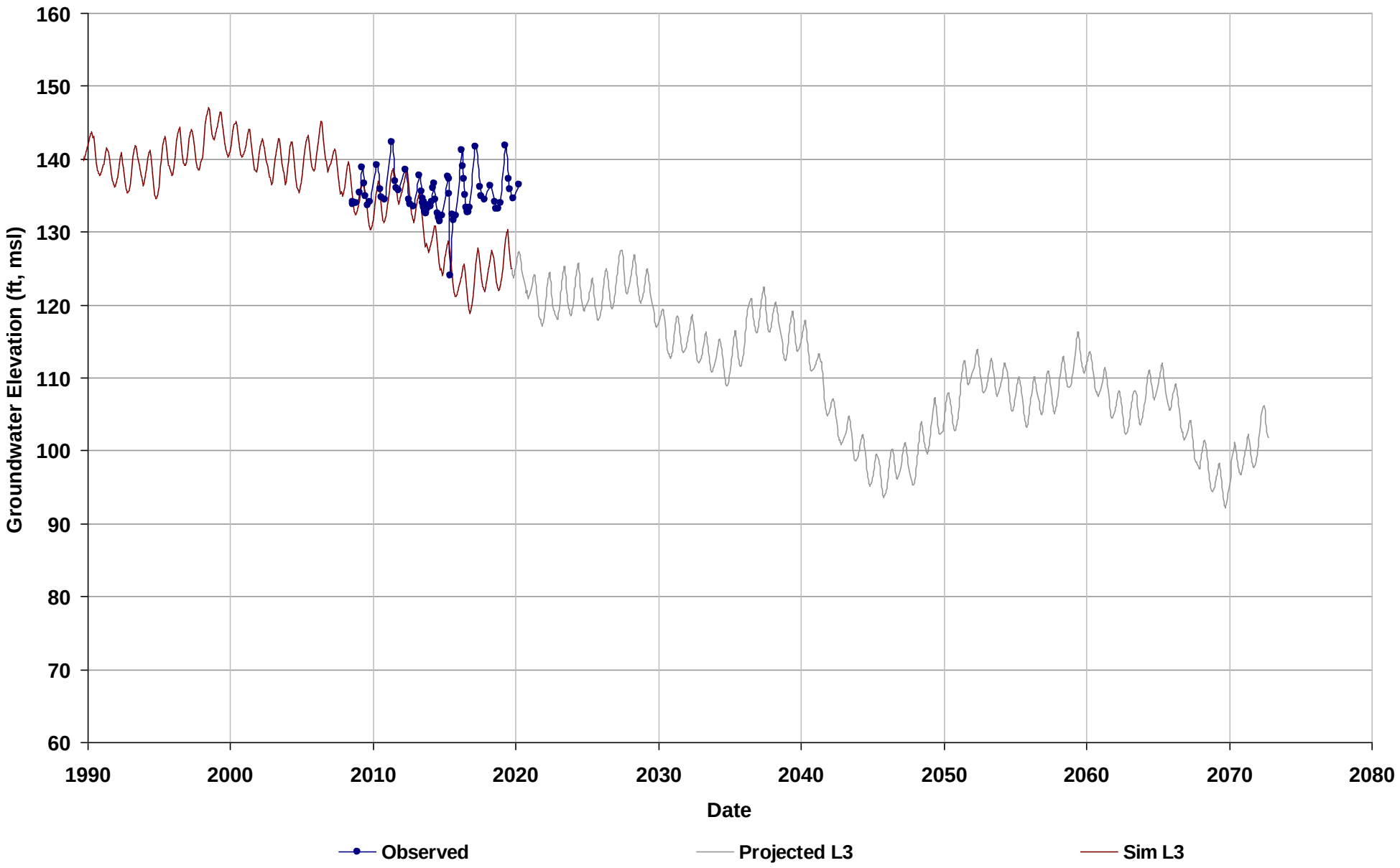
Well Name: 23N01W28M005M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 159

Total Depth (ft): 72
Perf Top (ft): 30
Perf Bottom (ft): 50
Top Model Layer: 1
Bottom Model Layer: 1



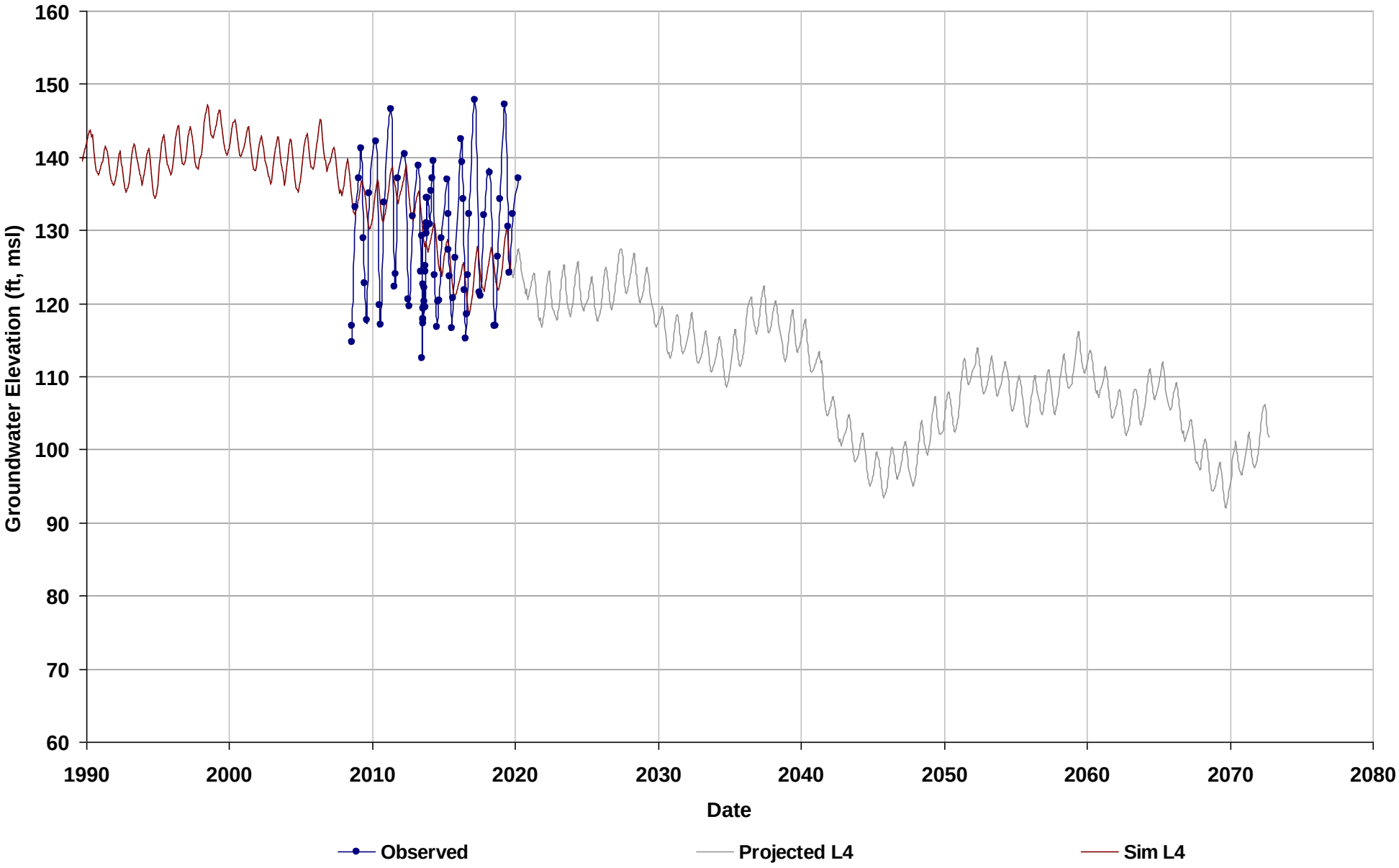
Well Name: 23N01W31M004M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

Total Depth (ft): 106
Perf Top (ft): 65.5
Perf Bottom (ft): 75.5
Top Model Layer: 3
Bottom Model Layer: 3



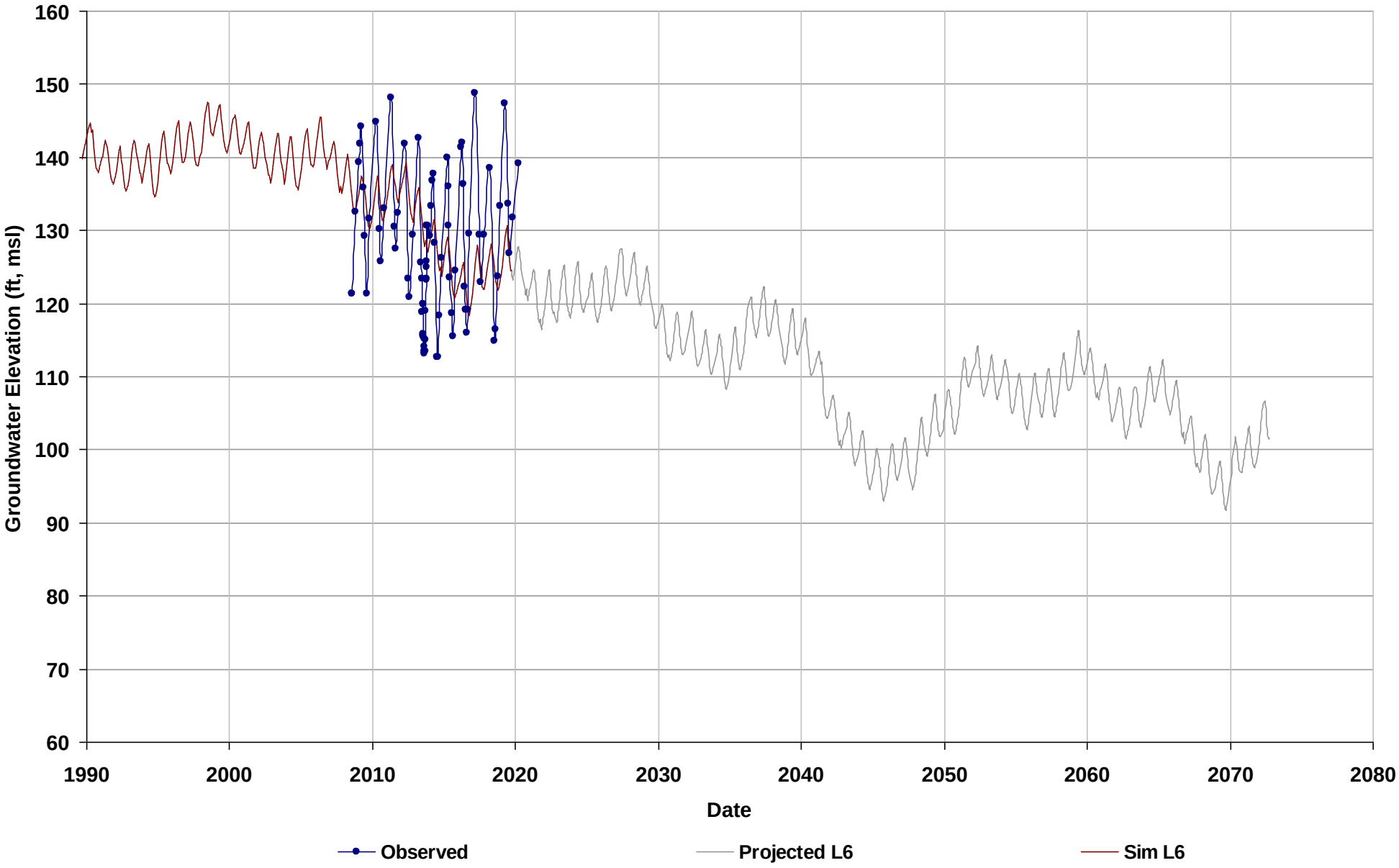
Well Name: 23N01W31M003M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

Total Depth (ft): 245
Perf Top (ft): 140
Perf Bottom (ft): 201
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 23N01W31M002M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

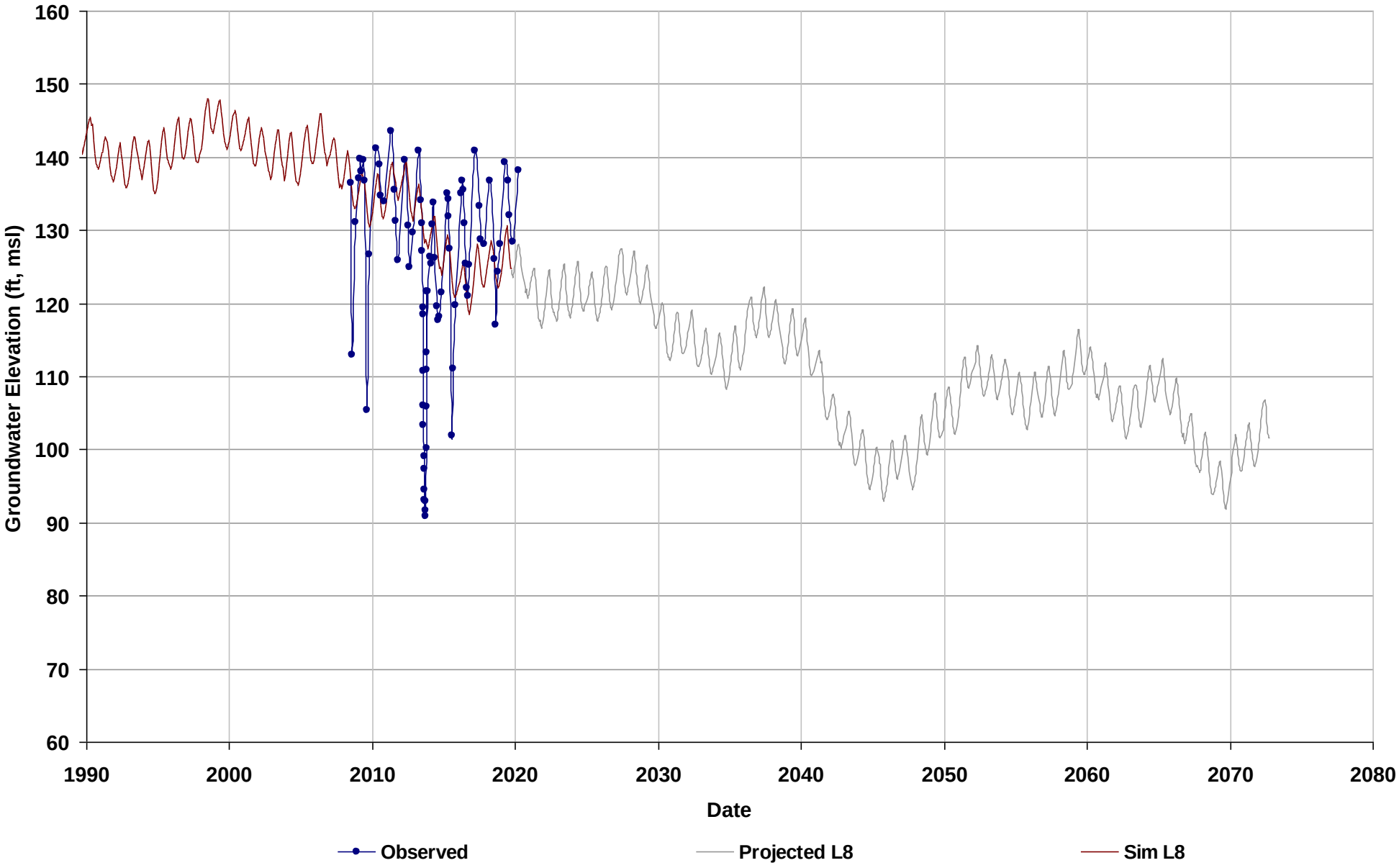
Total Depth (ft): 616
Perf Top (ft): 545
Perf Bottom (ft): 600
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use)

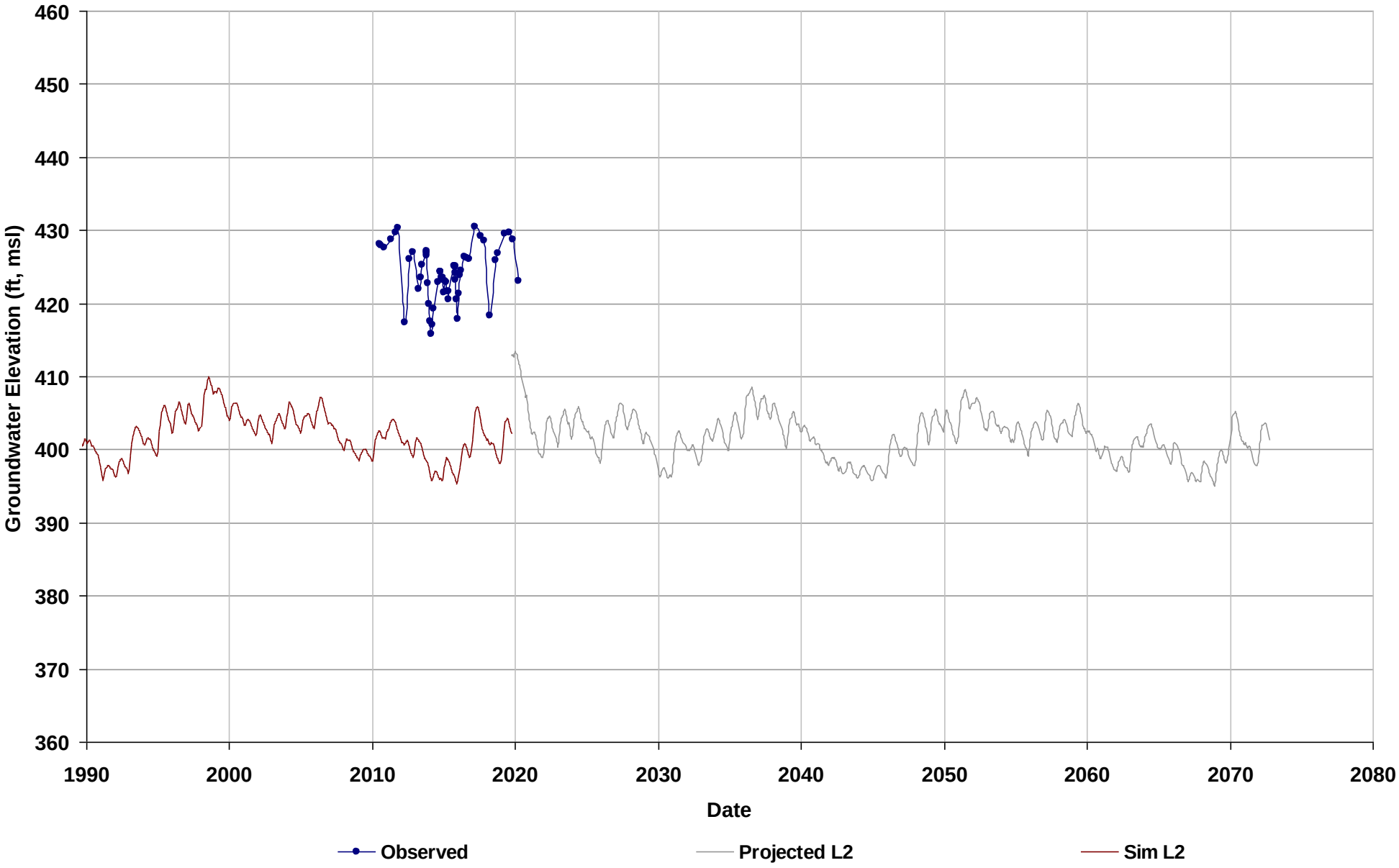
Well Name: 23N01W31M001M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

Total Depth (ft): 1200
Perf Top (ft): 969
Perf Bottom (ft): 1030
Top Model Layer: 8
Bottom Model Layer: 8



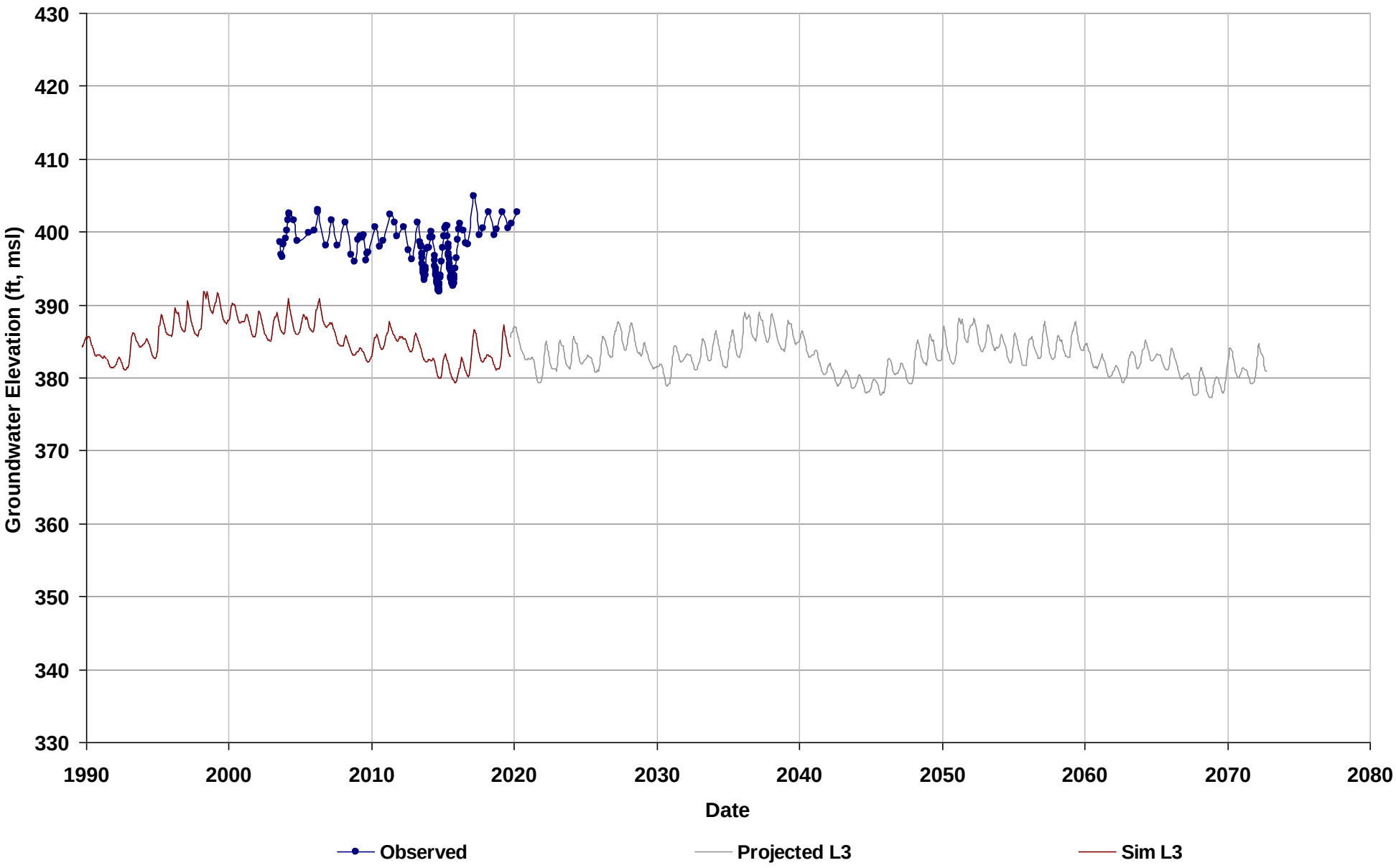
Well Name: 29N04W03R006M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 76
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Well Name: 30N04W22F002M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

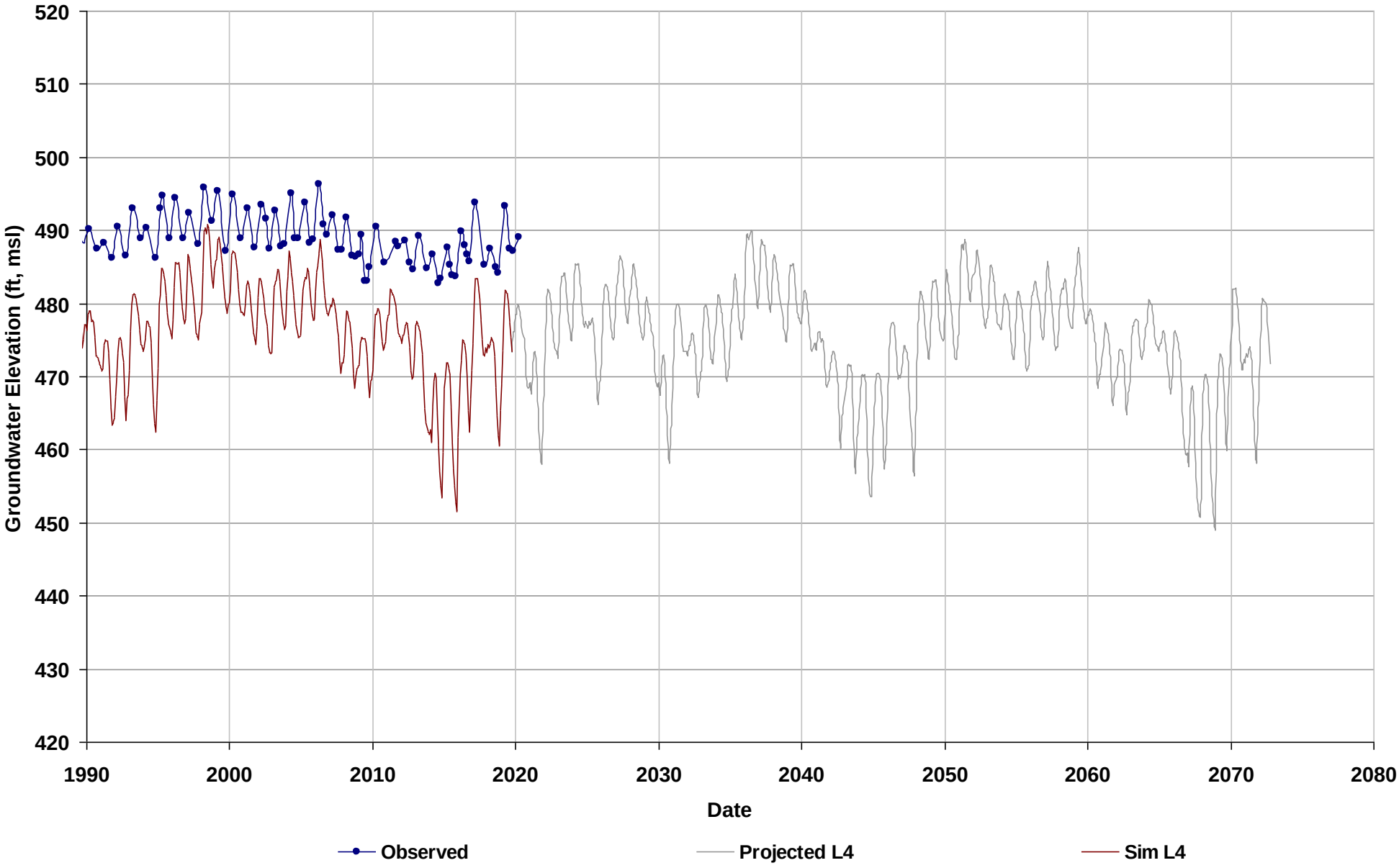
Total Depth (ft): 113
Perf Top (ft): 70
Perf Bottom (ft): 113
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use)

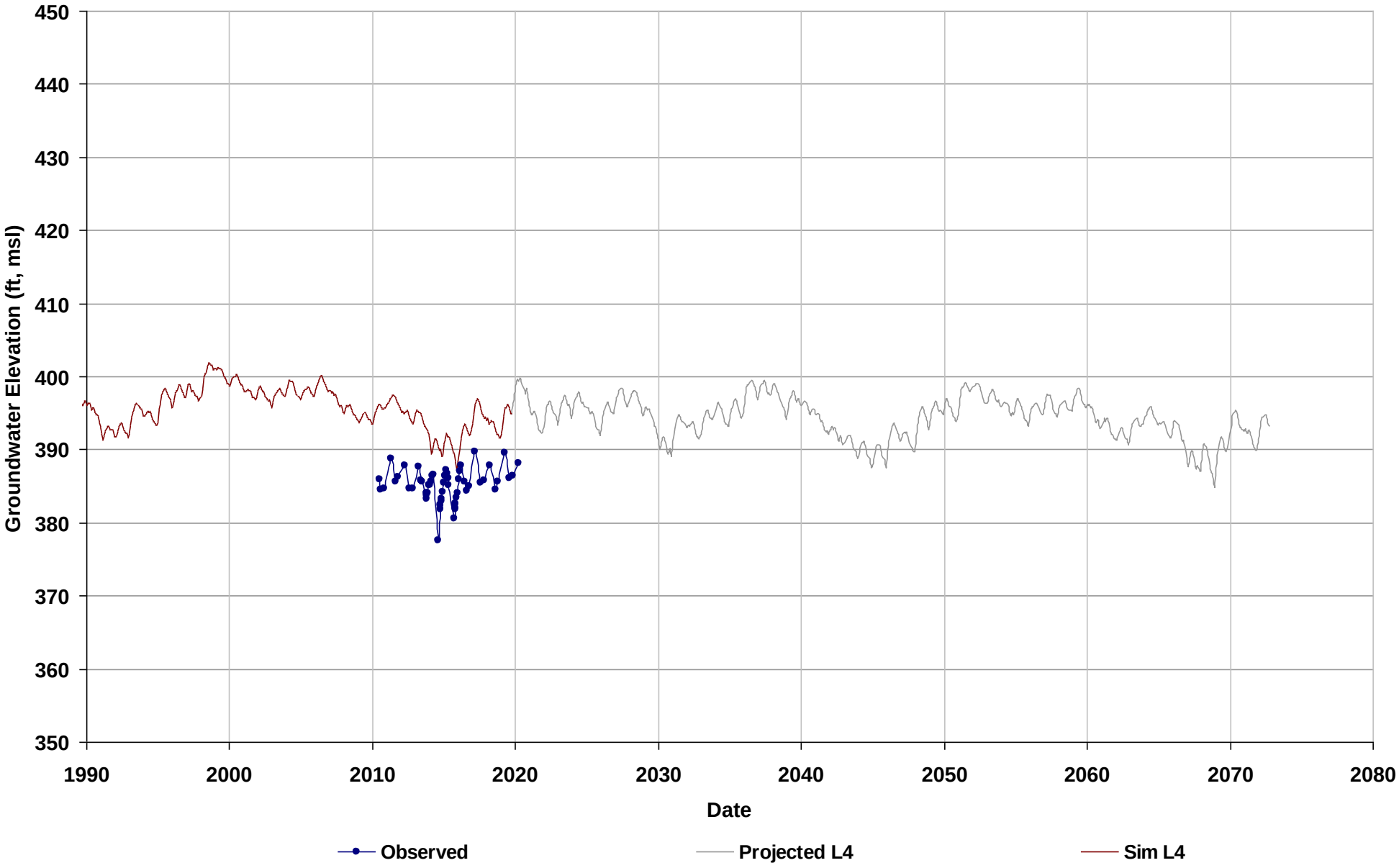
Well Name: 29N05W09L001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 517

Total Depth (ft):
Perf Top (ft): 100
Perf Bottom (ft): 140
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 29N04W03R005M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

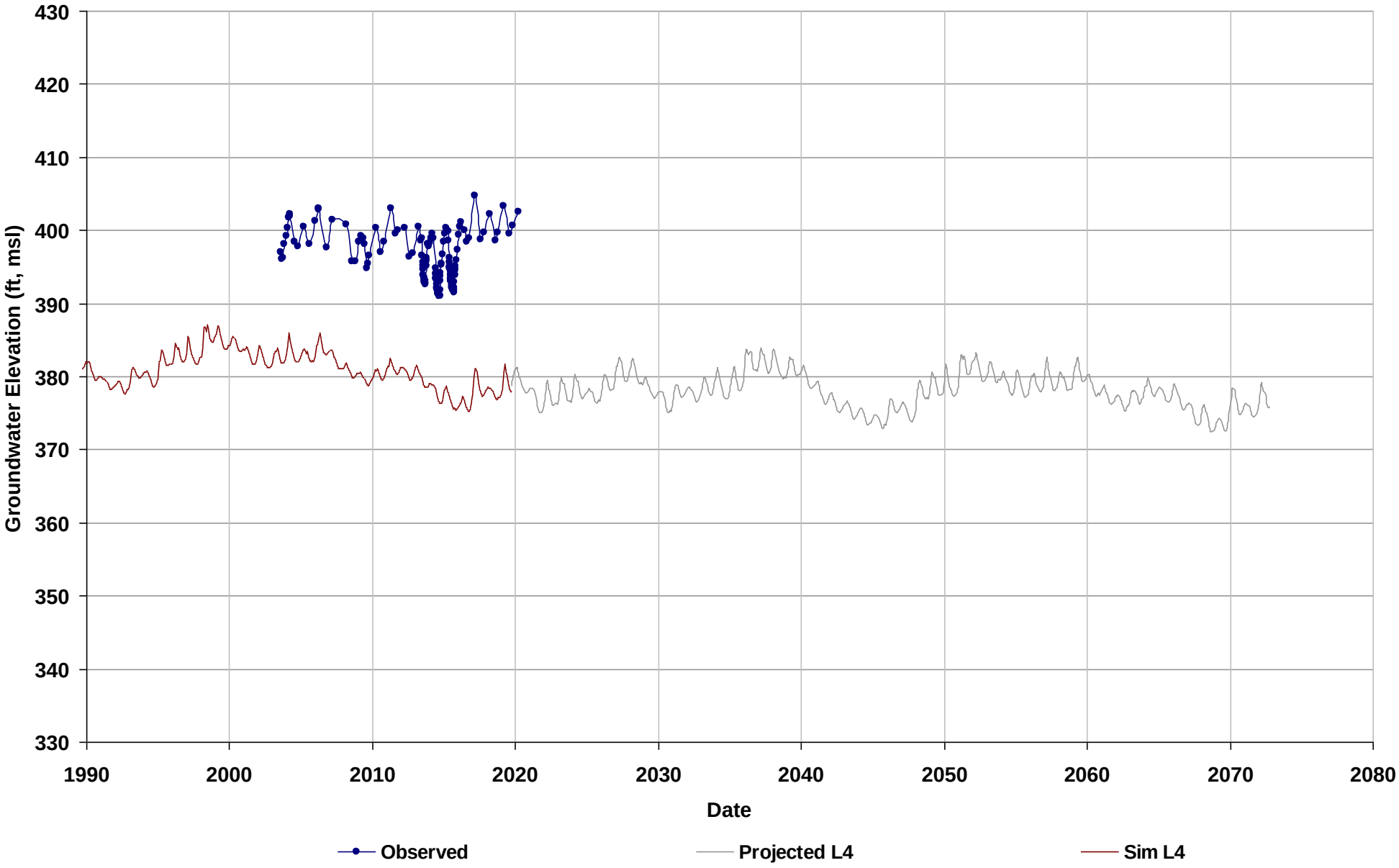
Total Depth (ft): 254
Perf Top (ft): 128
Perf Bottom (ft): 188
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

Well Name: 30N04W22F003M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

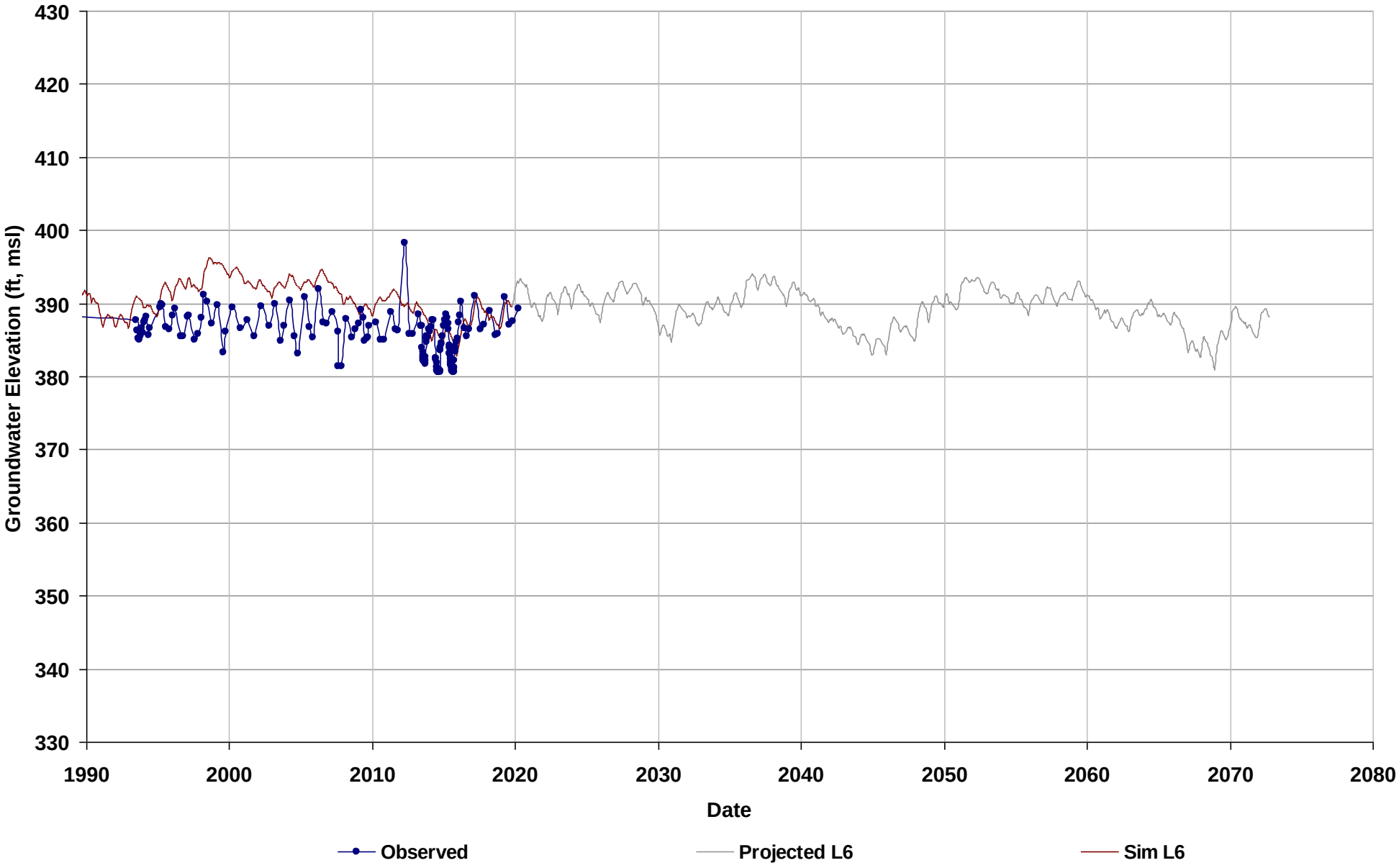
Total Depth (ft): 202
Perf Top (ft): 170
Perf Bottom (ft): 202
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

Well Name: 29N04W02P001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

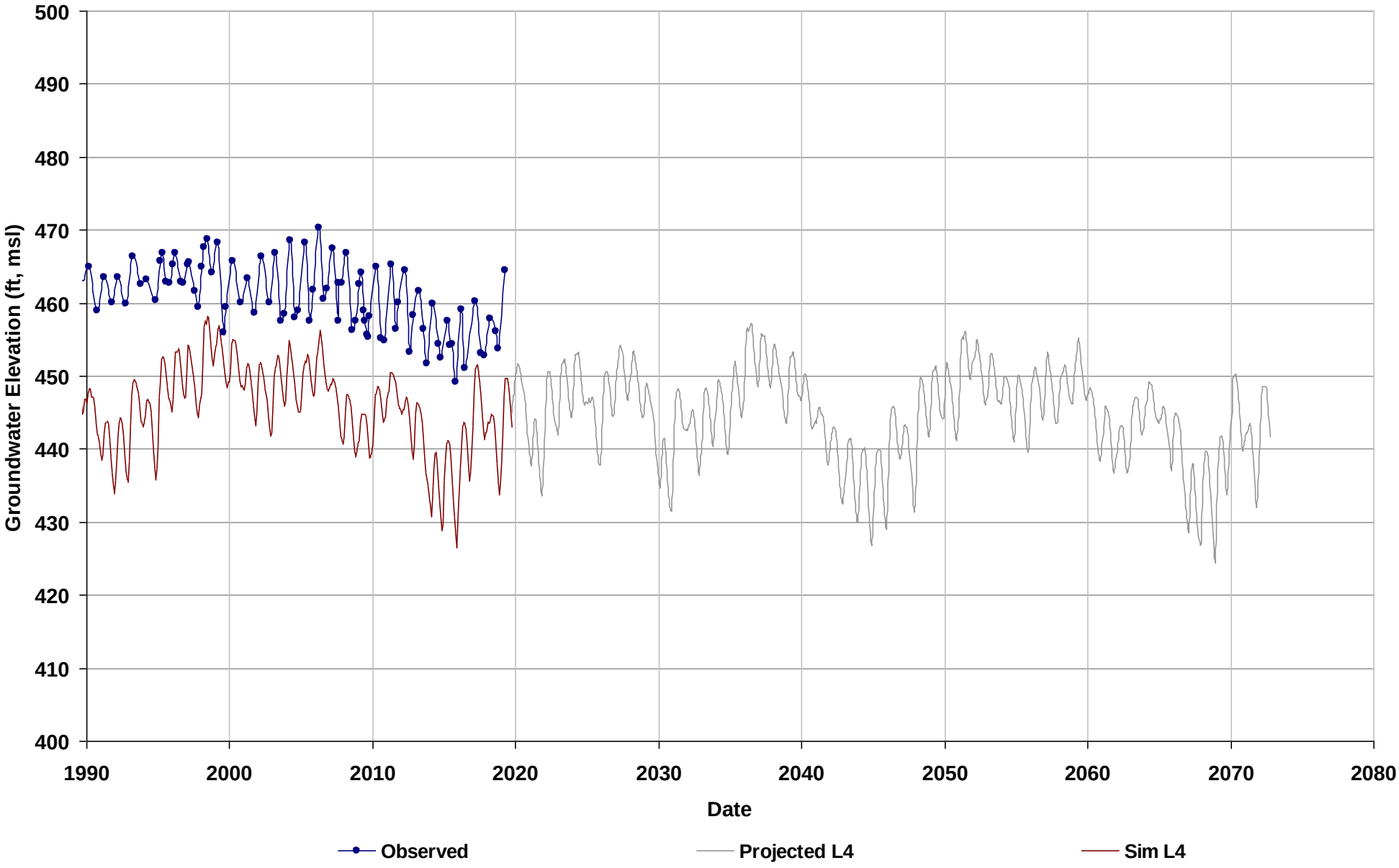
Total Depth (ft):
Perf Top (ft): 165
Perf Bottom (ft): 425
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use)

Well Name: 29N05W11A002M
Depth Zone: Composite
Subbasin: Anderson
GSE (ft, msl): 514

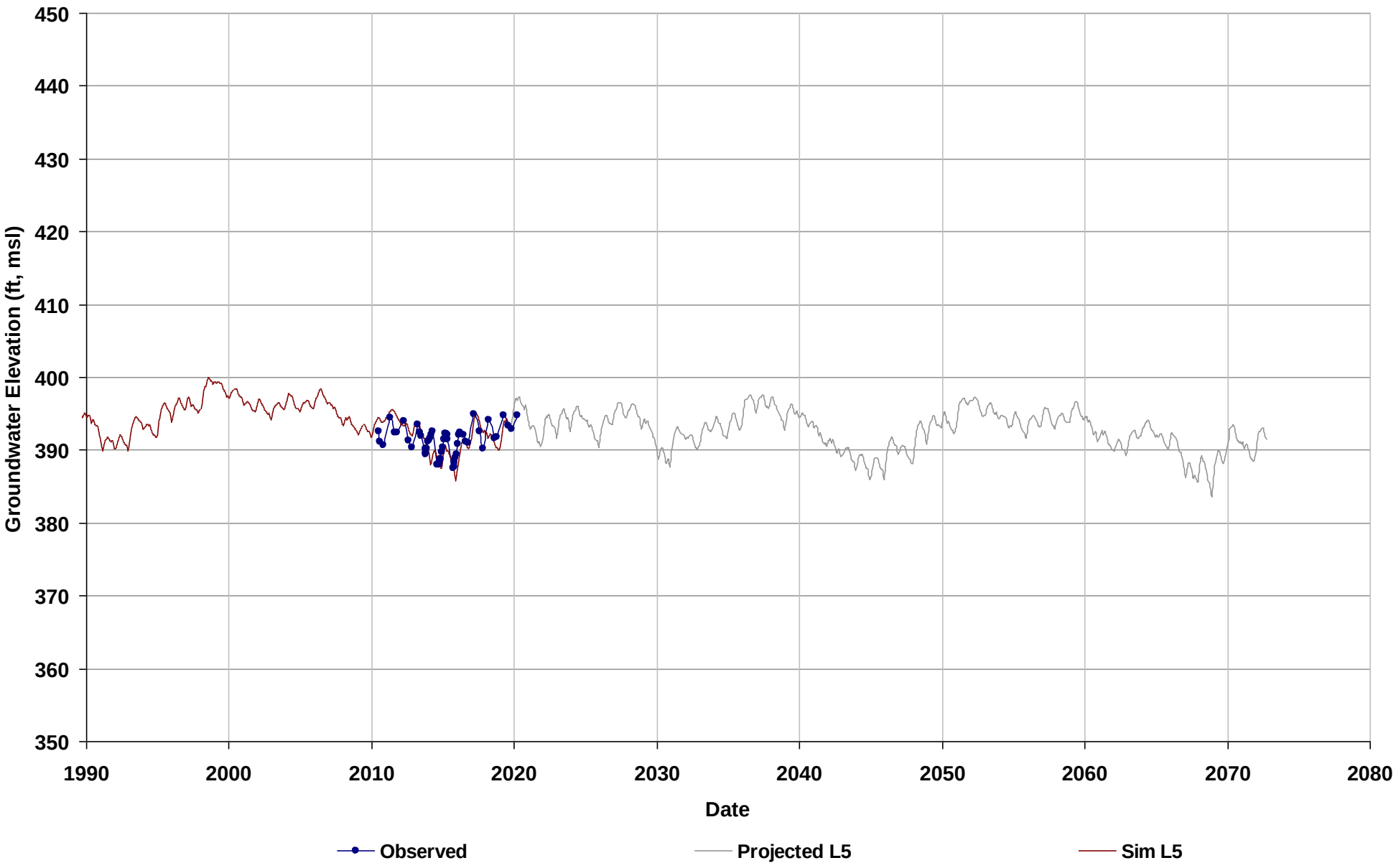
Total Depth (ft):
Perf Top (ft): 110
Perf Bottom (ft): 356
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use)

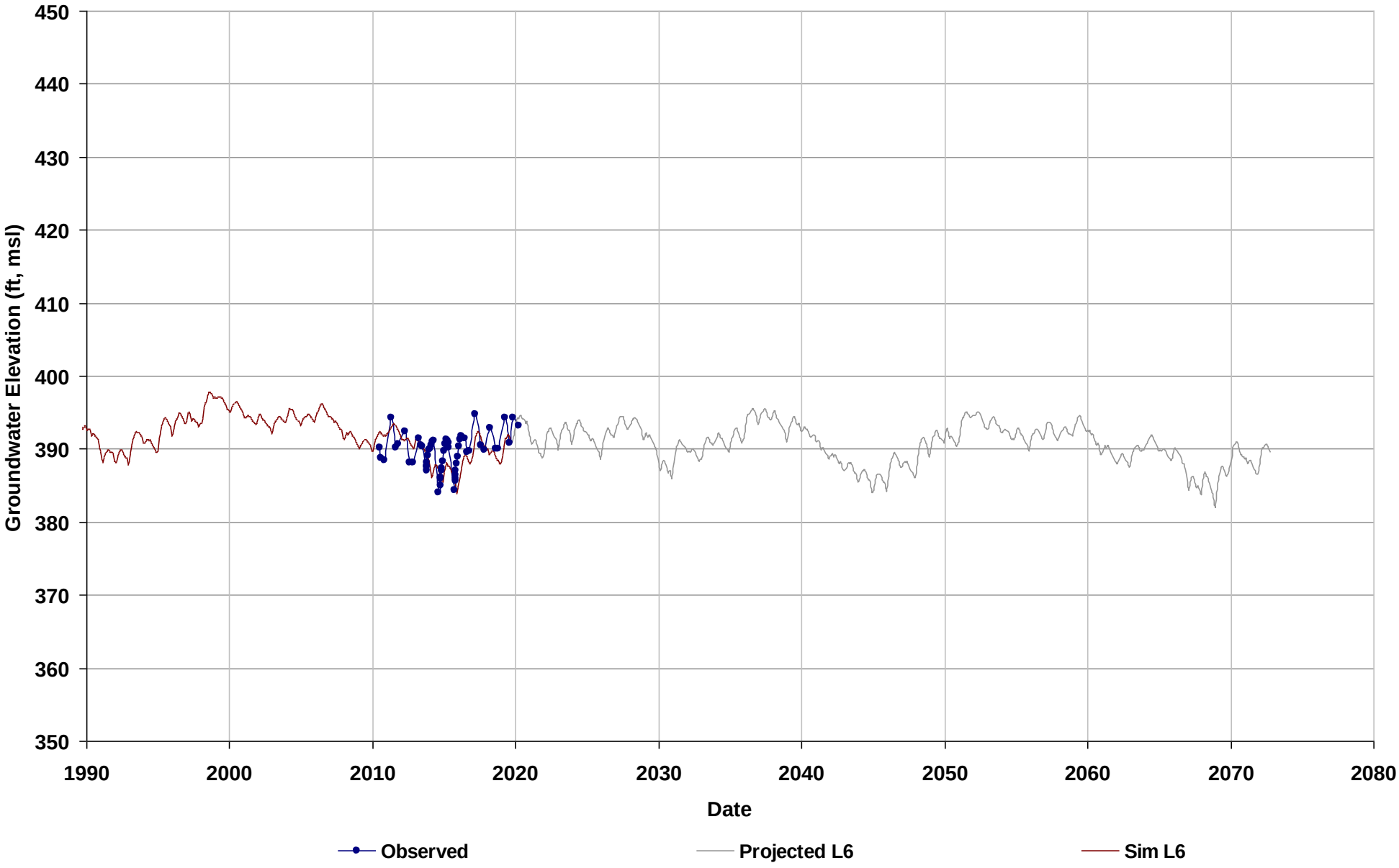
Well Name: 29N04W03R004M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 438
Perf Top (ft): 380
Perf Bottom (ft): 390
Top Model Layer: 5
Bottom Model Layer: 5



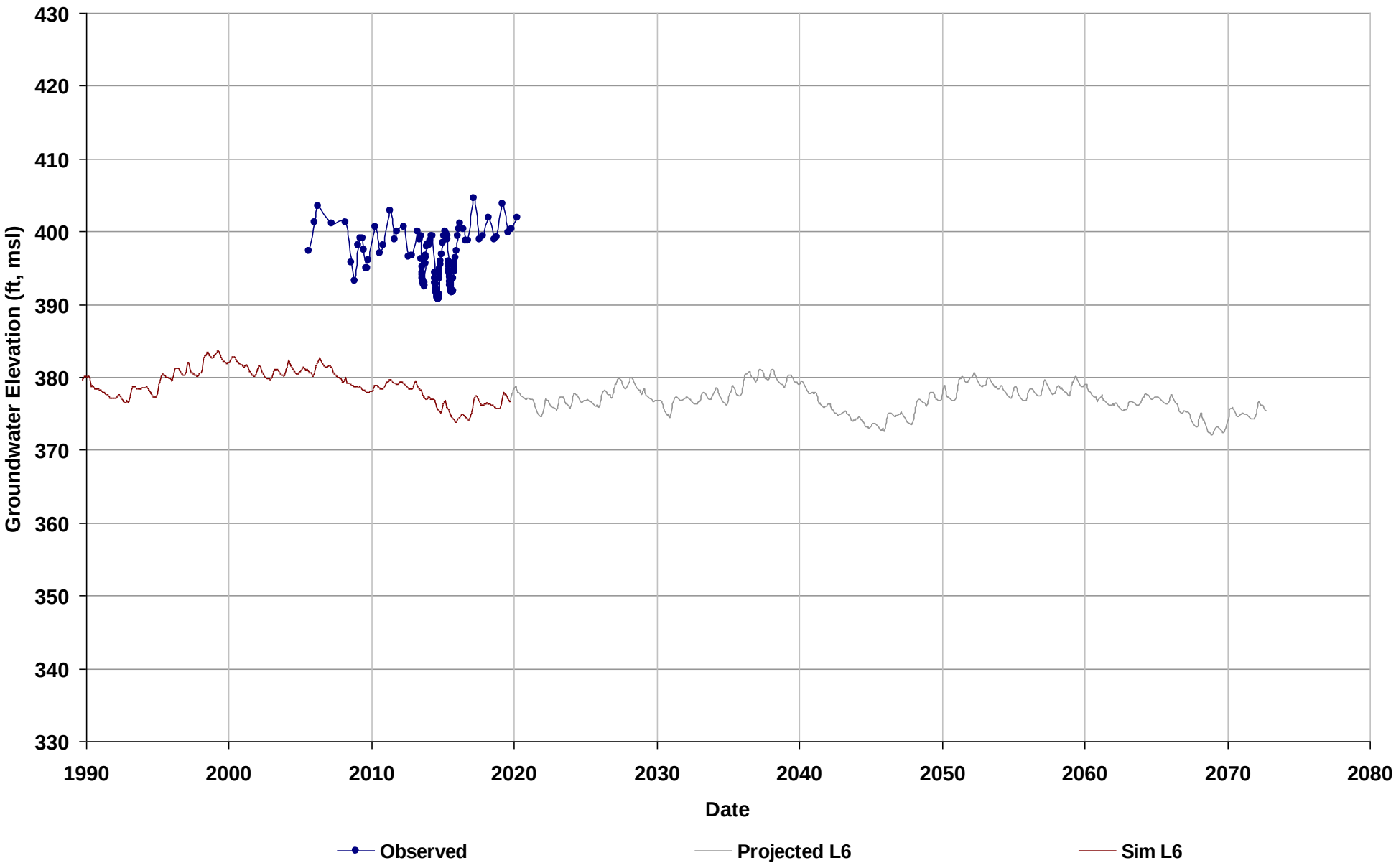
Well Name: 29N04W03R003M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 696
Perf Top (ft): 515
Perf Bottom (ft): 660
Top Model Layer: 6
Bottom Model Layer: 6



Well Name: 30N04W22F004M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 447

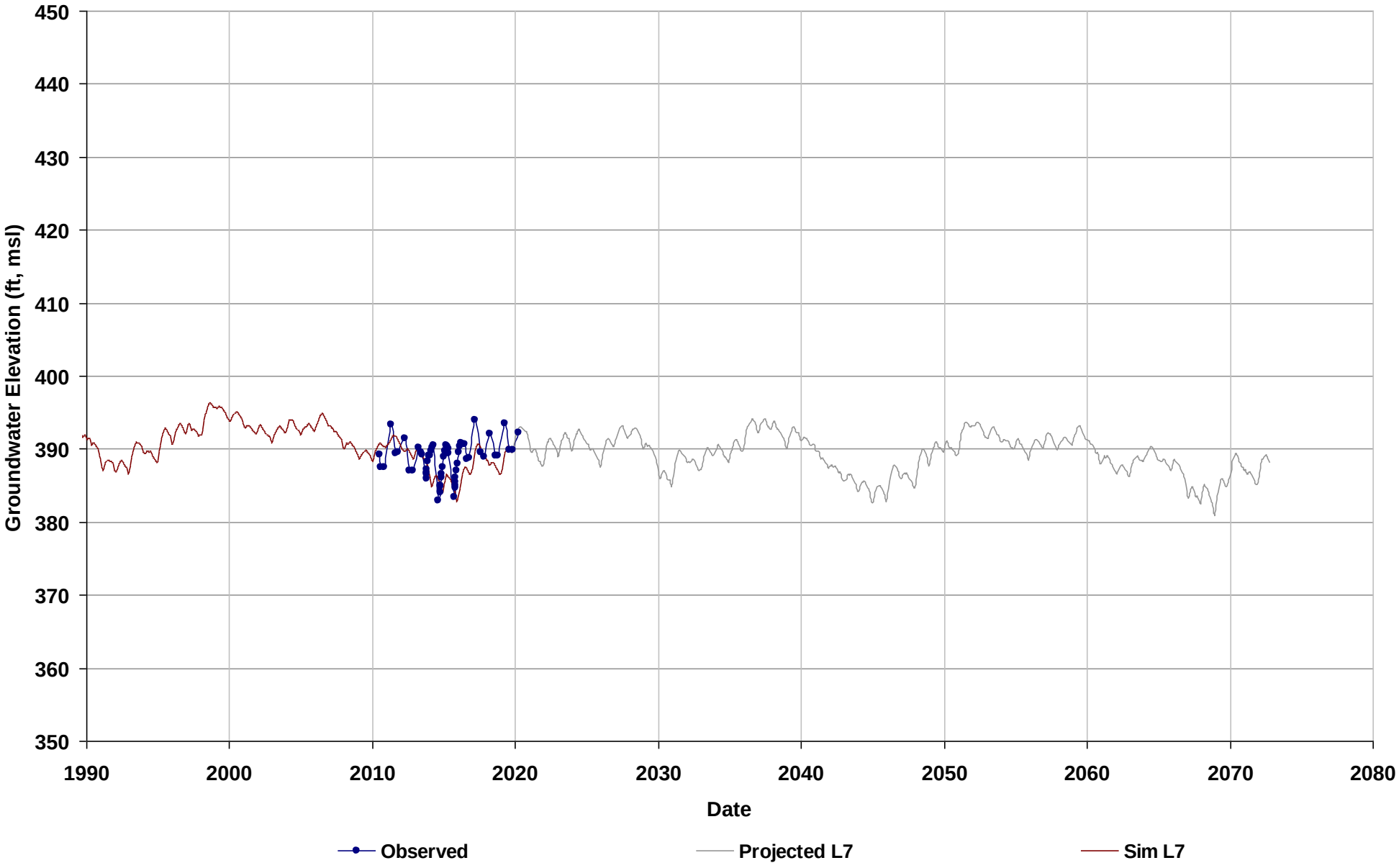
Total Depth (ft): 540
Perf Top (ft): 480
Perf Bottom (ft): 540
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use)

Well Name: 29N04W03R002M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 917
Perf Top (ft): 740
Perf Bottom (ft): 880
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use)

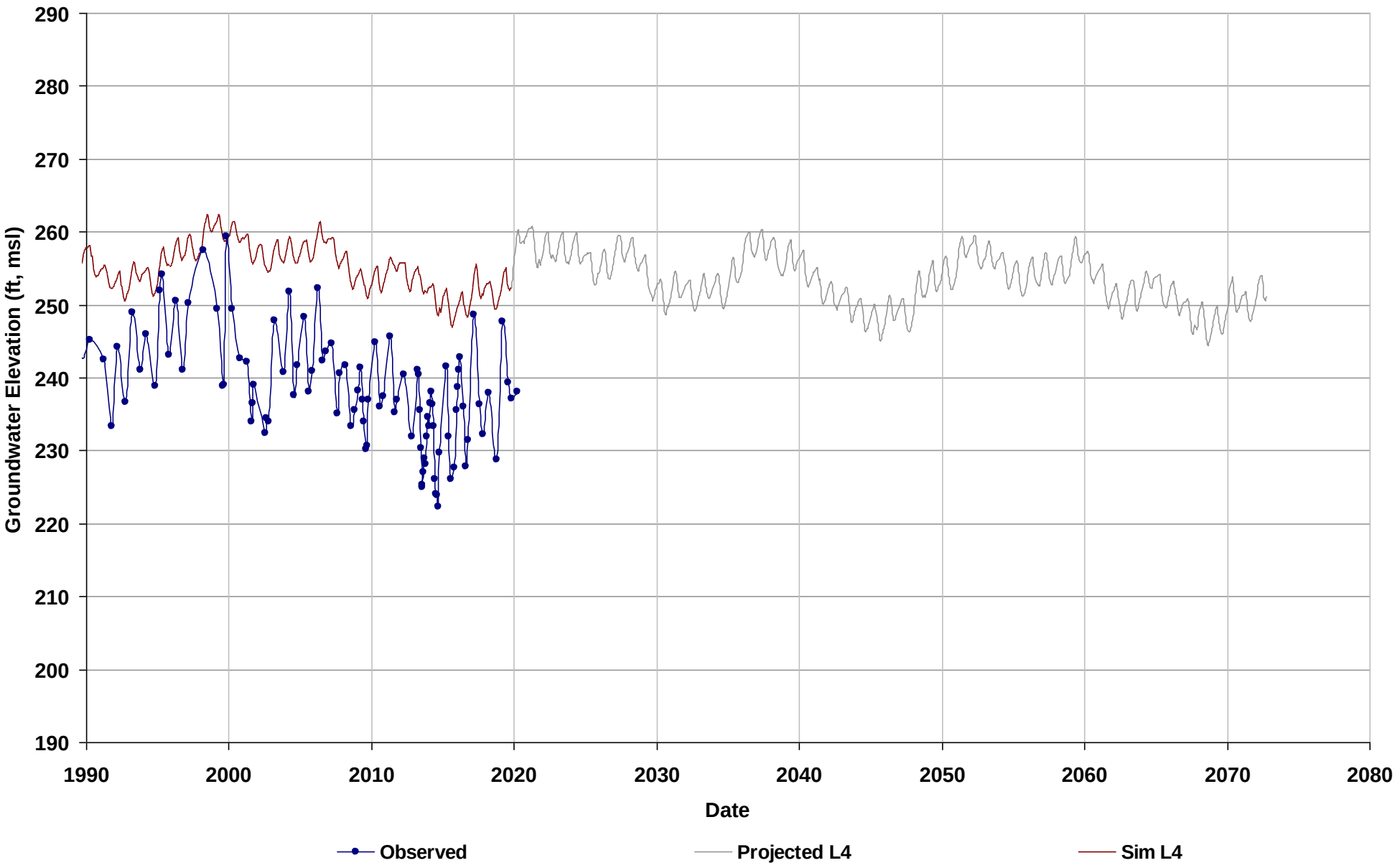
APPENDIX E-4

Tehama IHM Simulated Groundwater Levels:

Projected (Current Land Use) with Climate Change (2030) Model Results

Well Name: 27N03W23D001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 271

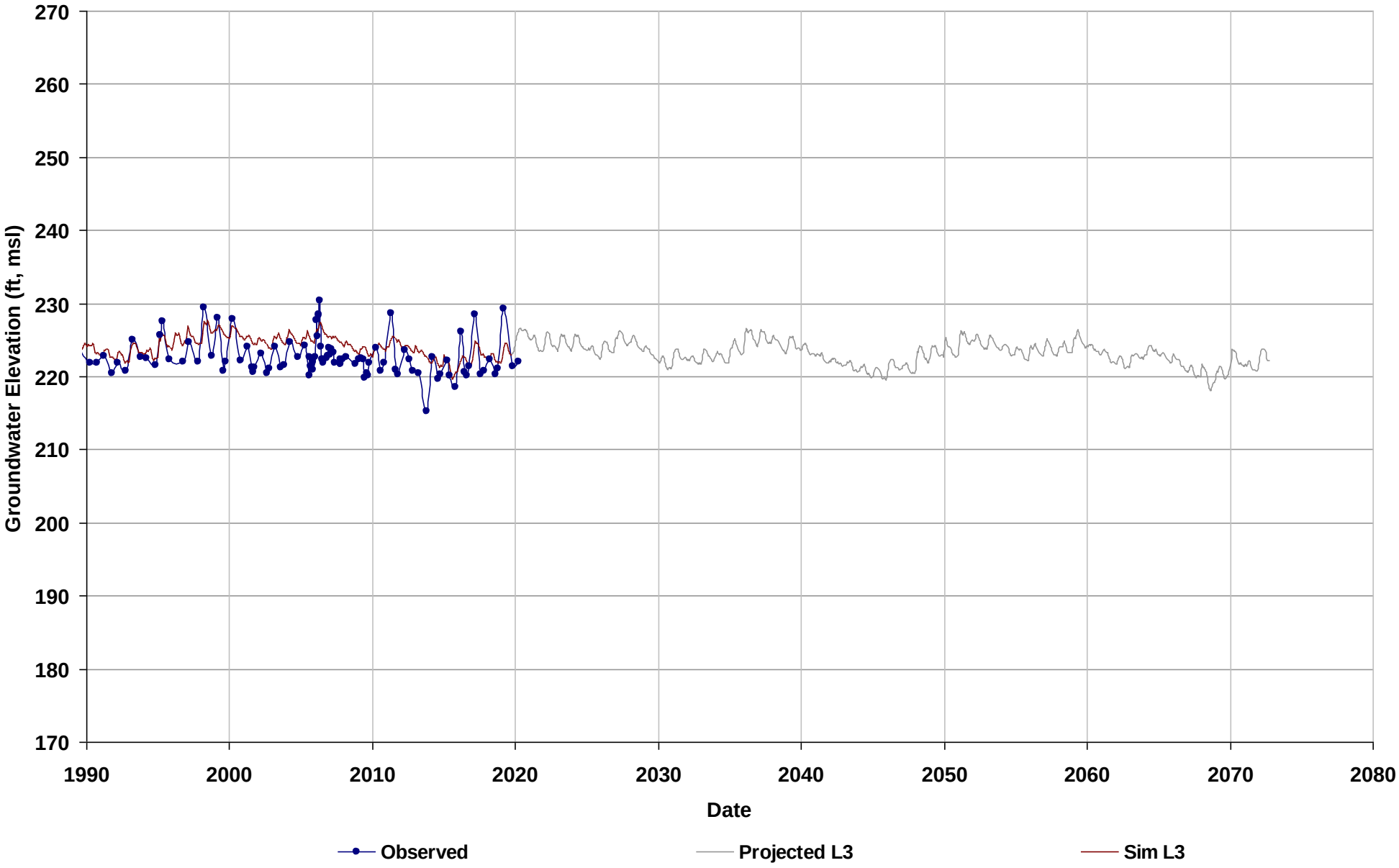
Total Depth (ft): 250
Perf Top (ft): 30
Perf Bottom (ft): 155
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 26N02W17E001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 240

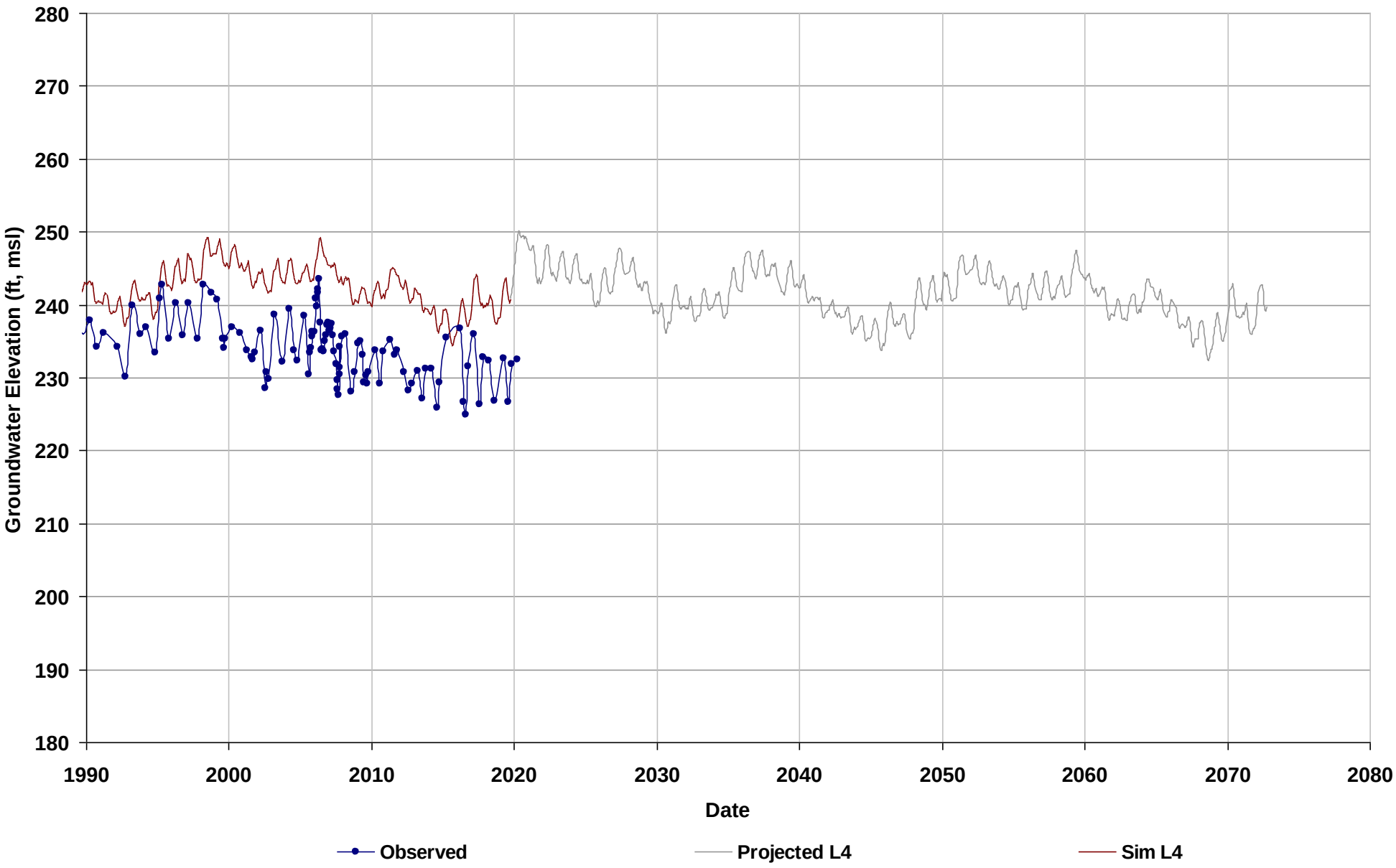
Total Depth (ft): 145
Perf Top (ft): 55
Perf Bottom (ft): 145
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

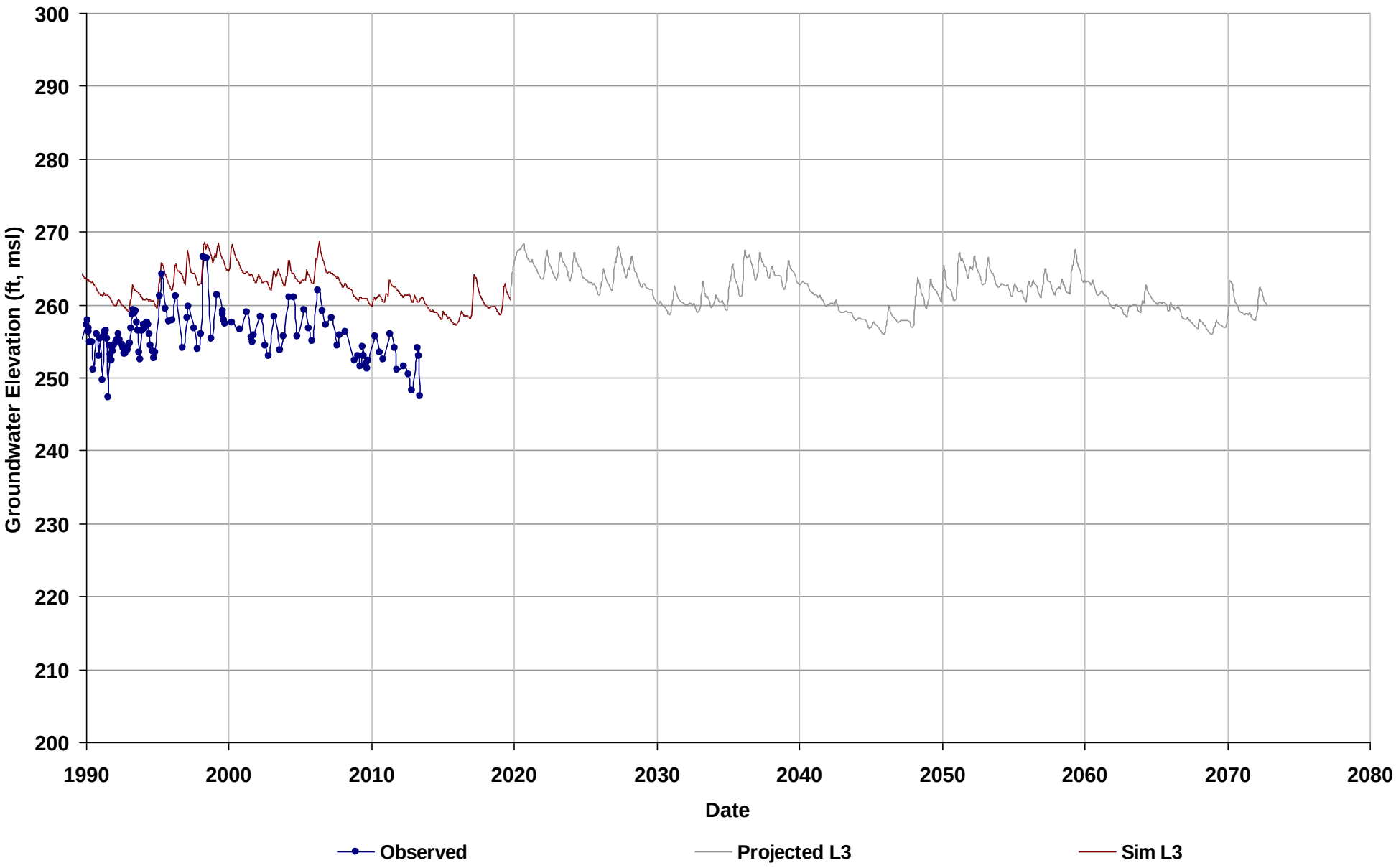
Well Name: 27N02W31C001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 263

Total Depth (ft): 540
Perf Top (ft): 40
Perf Bottom (ft): 289
Top Model Layer: 4
Bottom Model Layer: 4



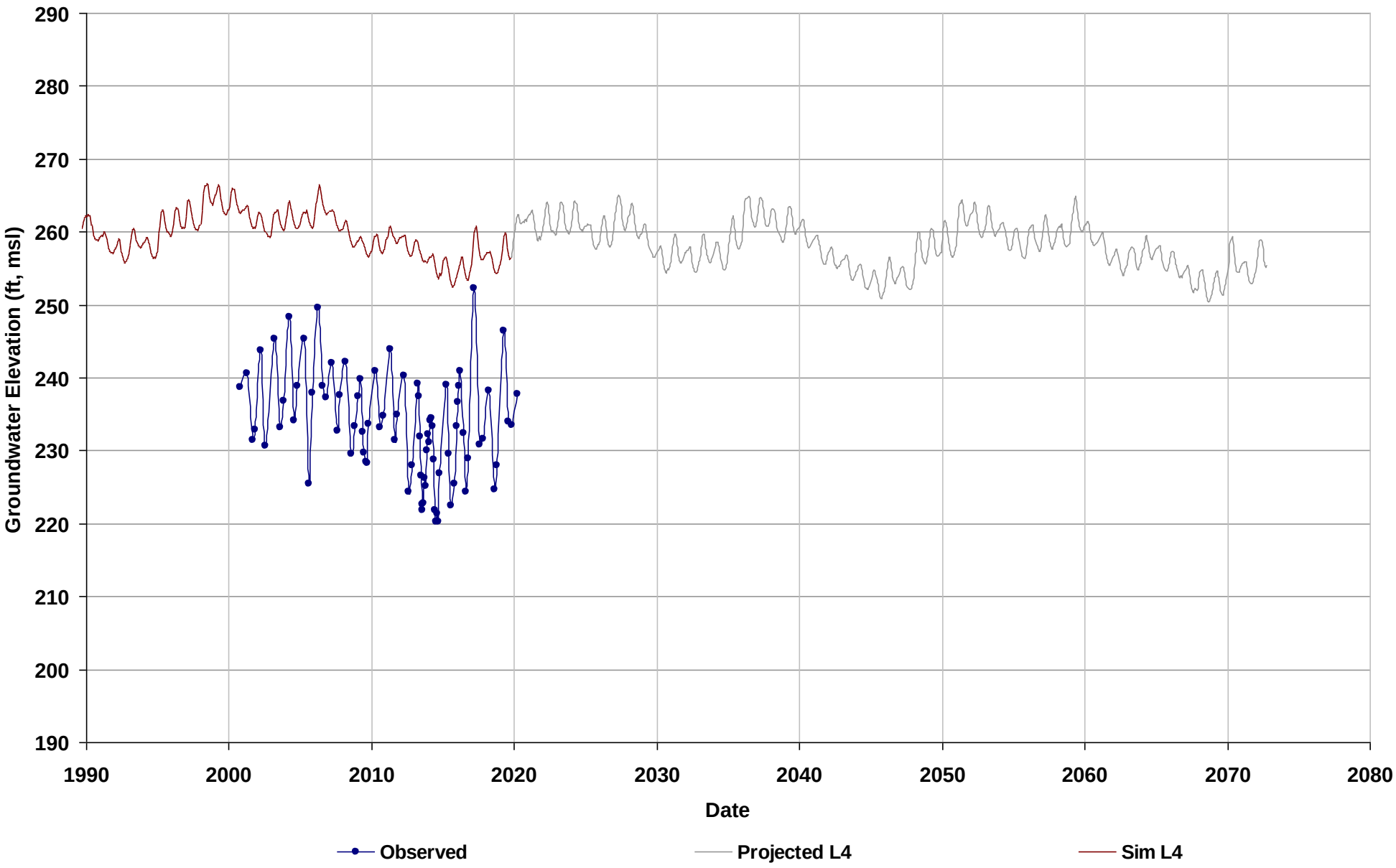
Well Name: 27N03W10B001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 312

Total Depth (ft): 92
Perf Top (ft): 80
Perf Bottom (ft): 92
Top Model Layer: 3
Bottom Model Layer: 3



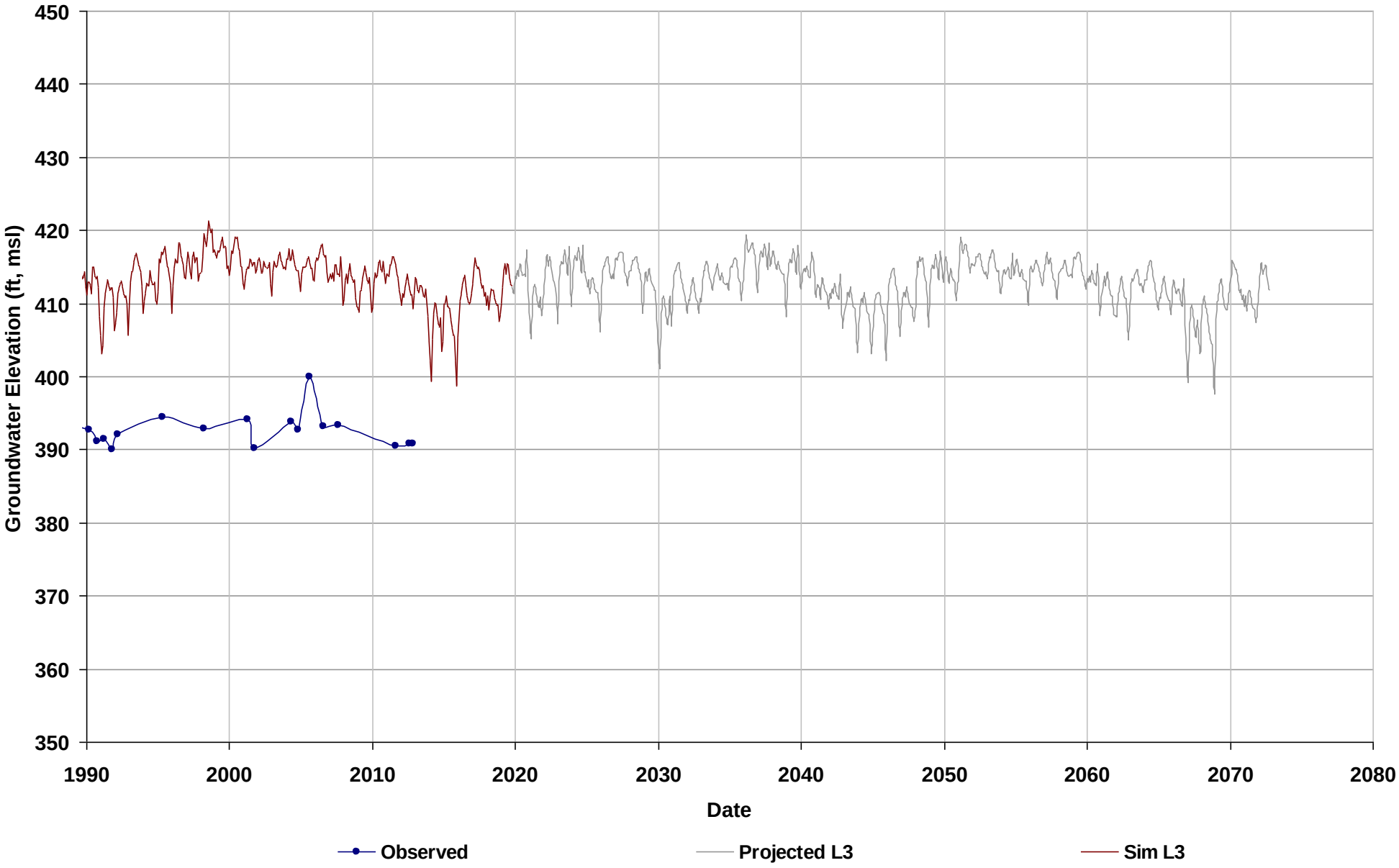
Well Name: 27N03W16K003M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 273

Total Depth (ft): 137
Perf Top (ft): 117
Perf Bottom (ft): 137
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 29N04W15E002M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 427

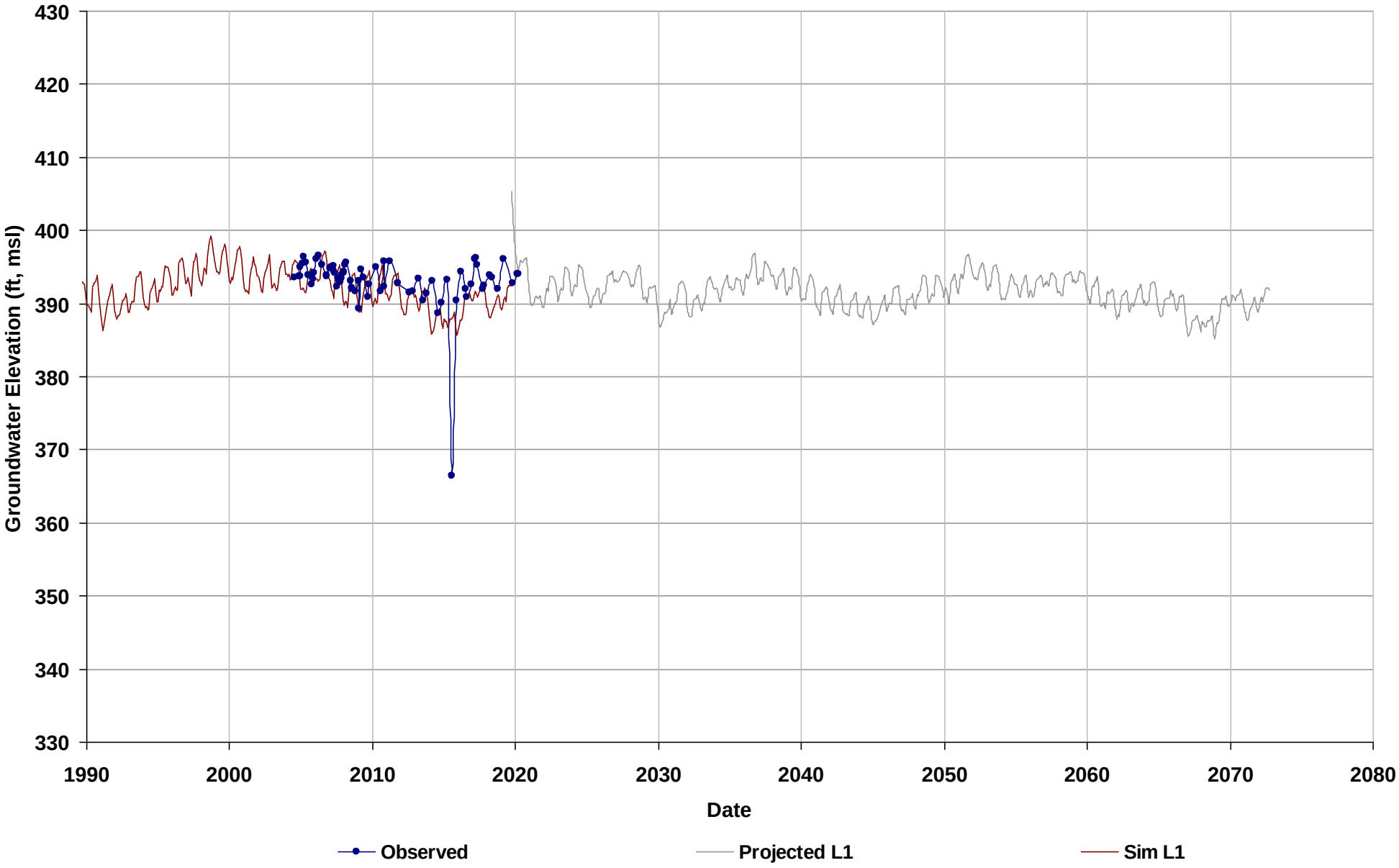
Total Depth (ft): 90
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 29N03W18M001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 418

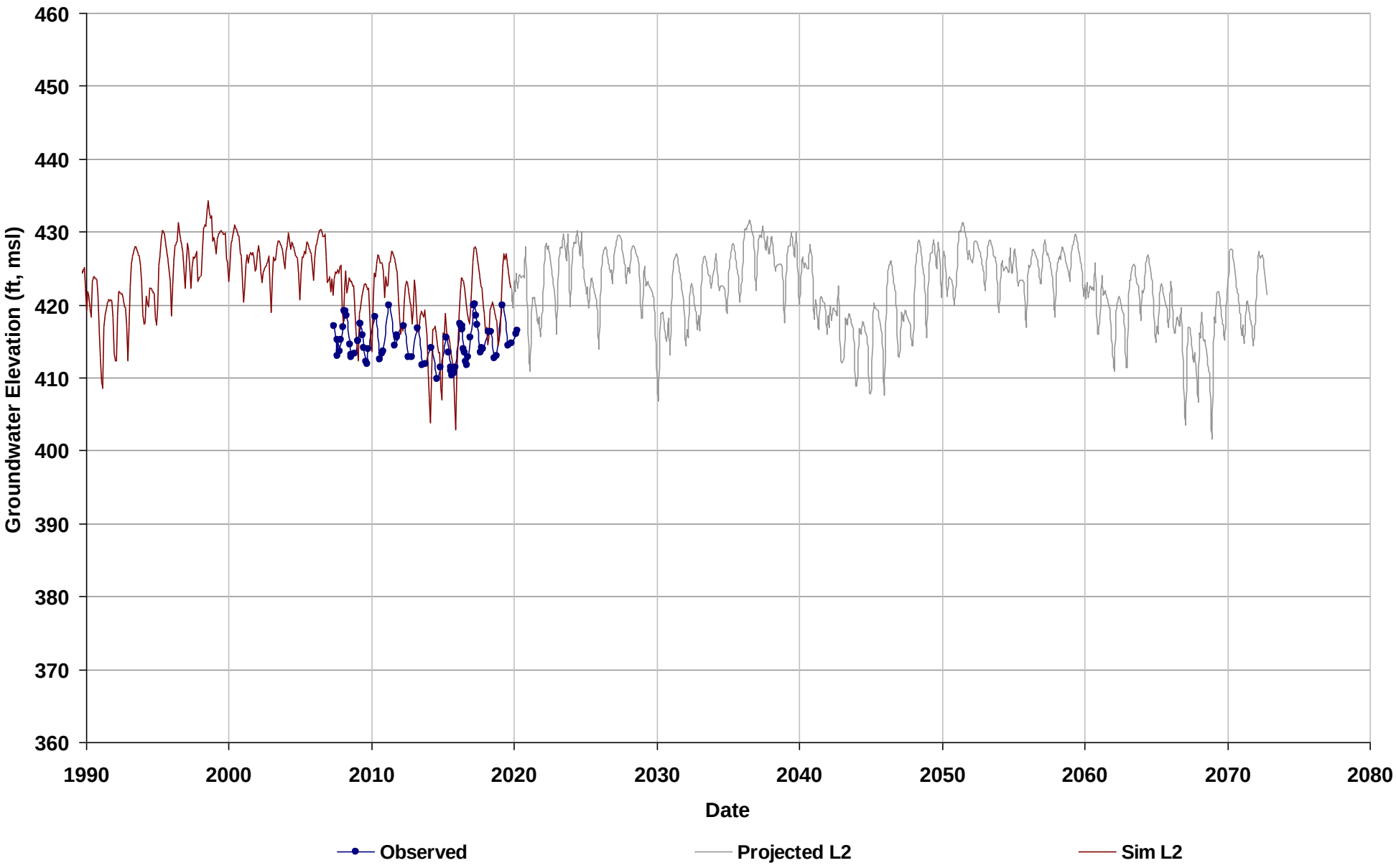
Total Depth (ft): 234
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 29N04W20A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

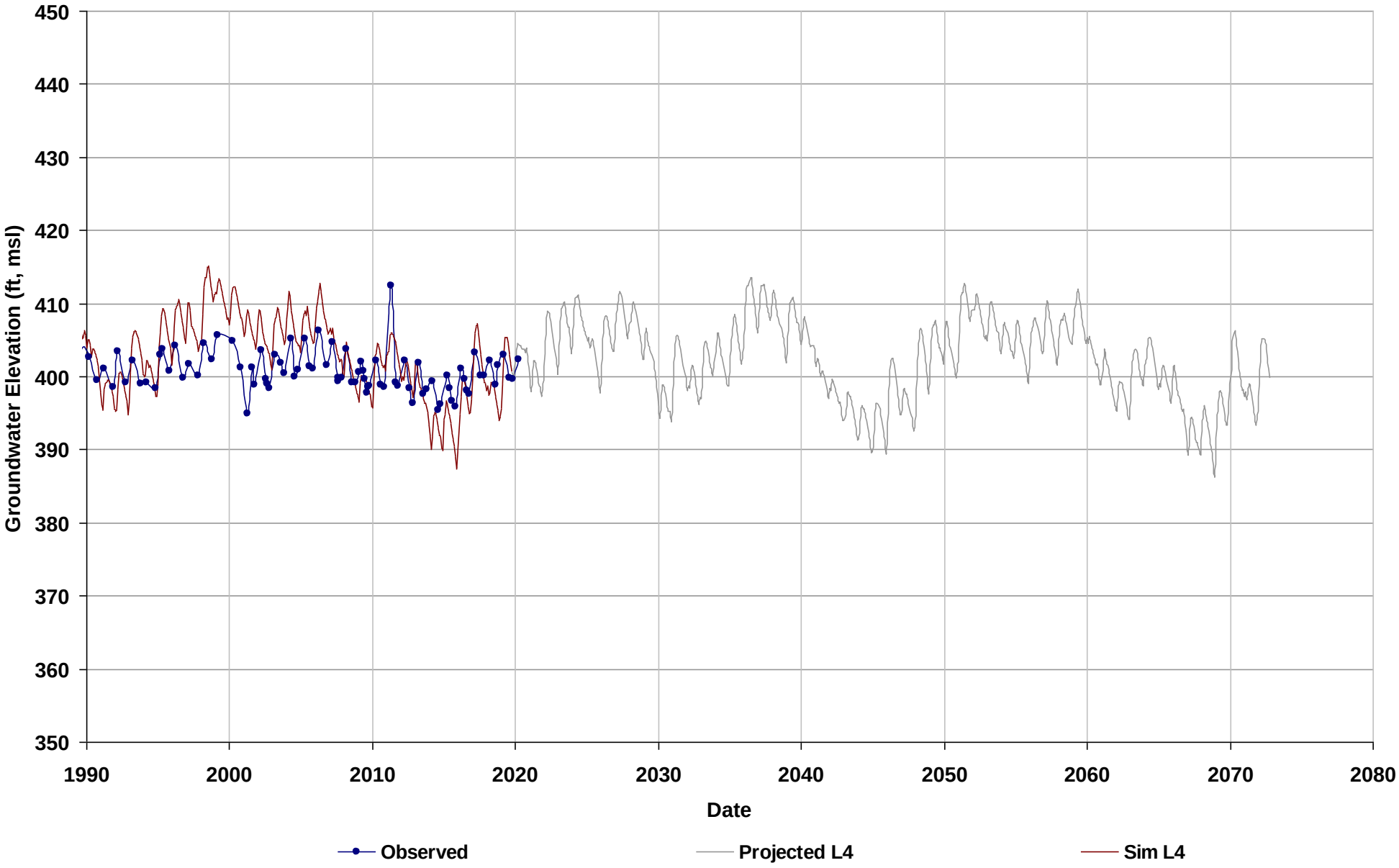
Total Depth (ft): 76
Perf Top (ft): 50
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 29N04W28D001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 502

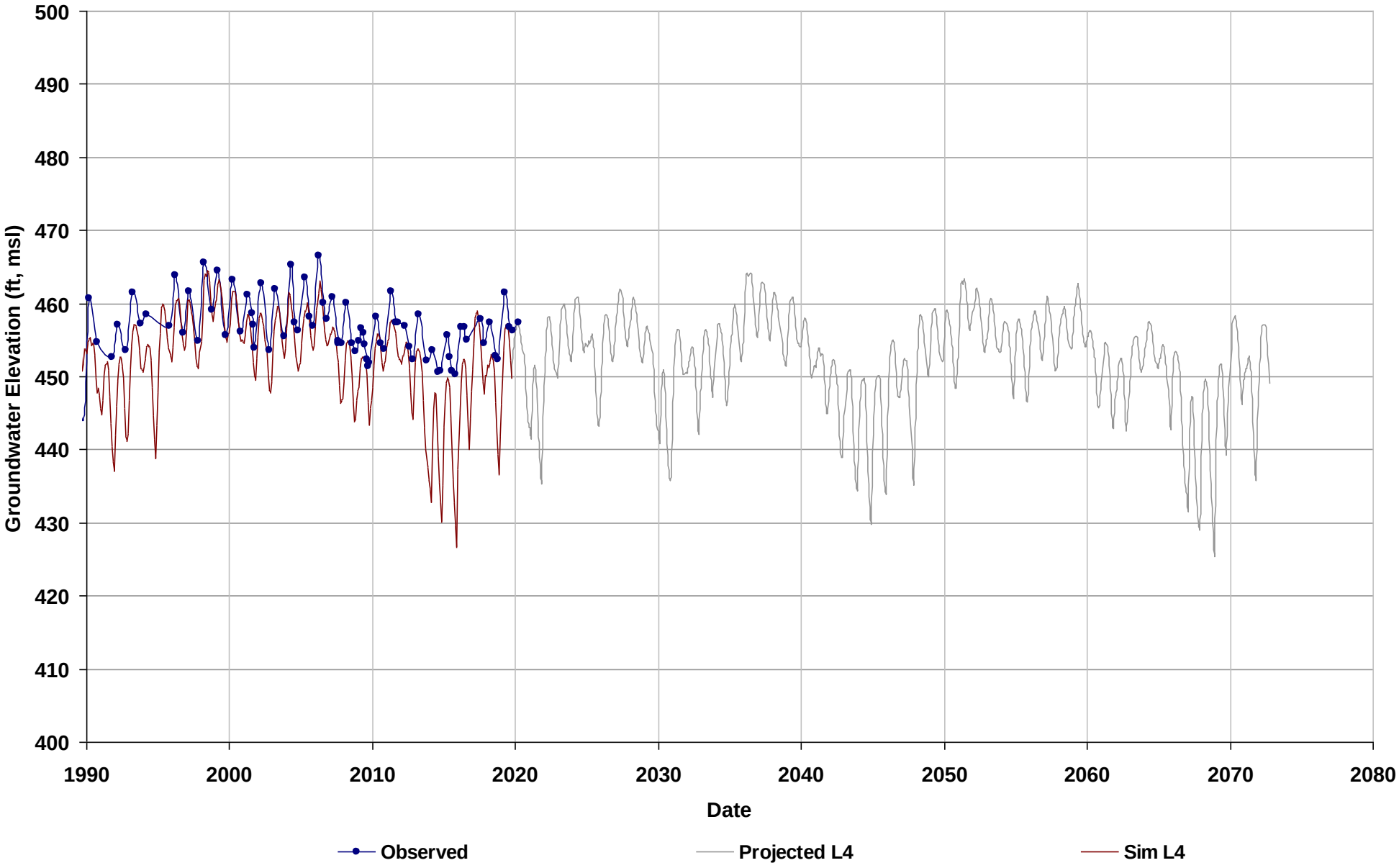
Total Depth (ft): 134
Perf Top (ft): 114
Perf Bottom (ft): 134
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 29N05W14L001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 492

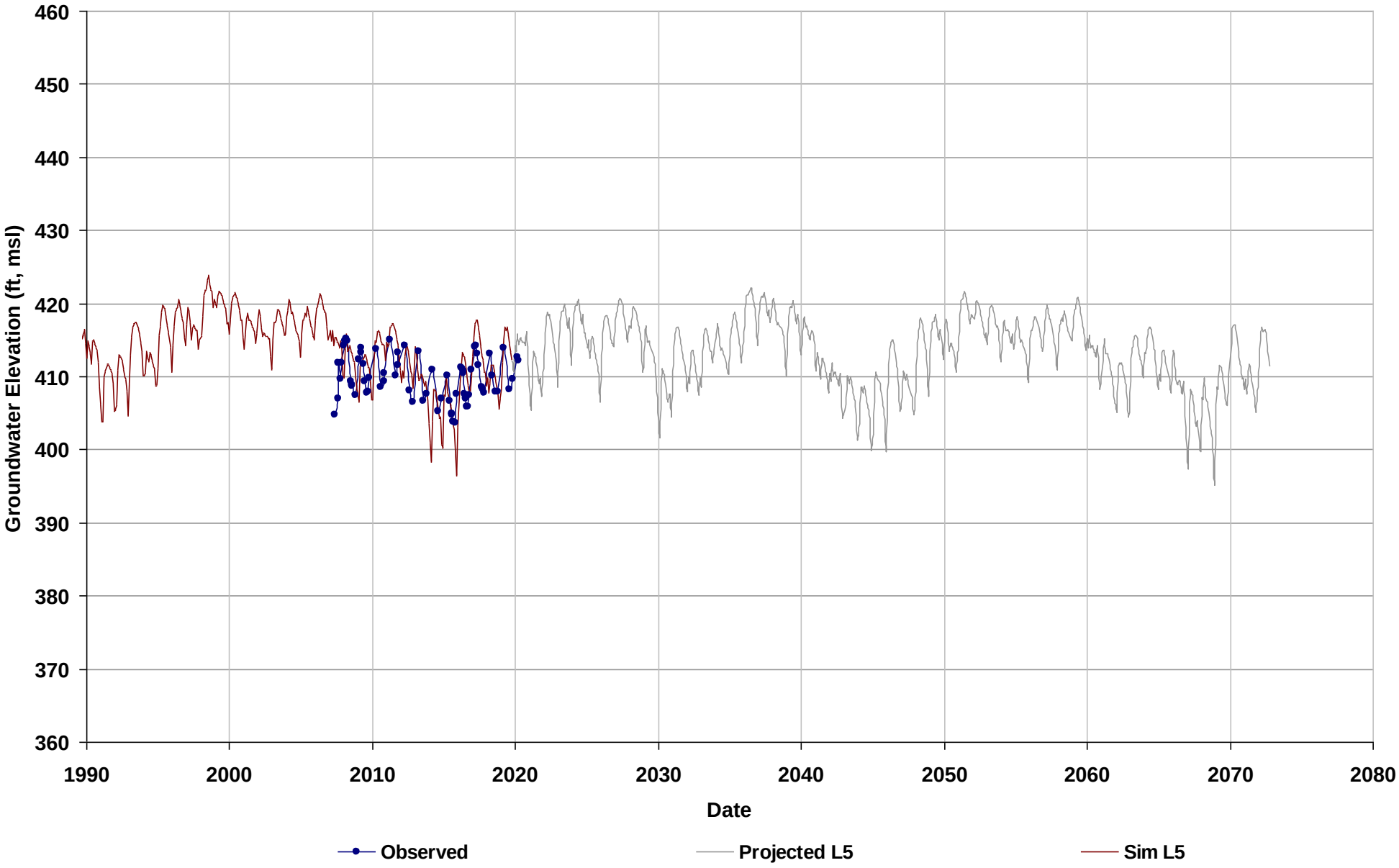
Total Depth (ft): 130
Perf Top (ft): 110
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 29N04W20A003M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

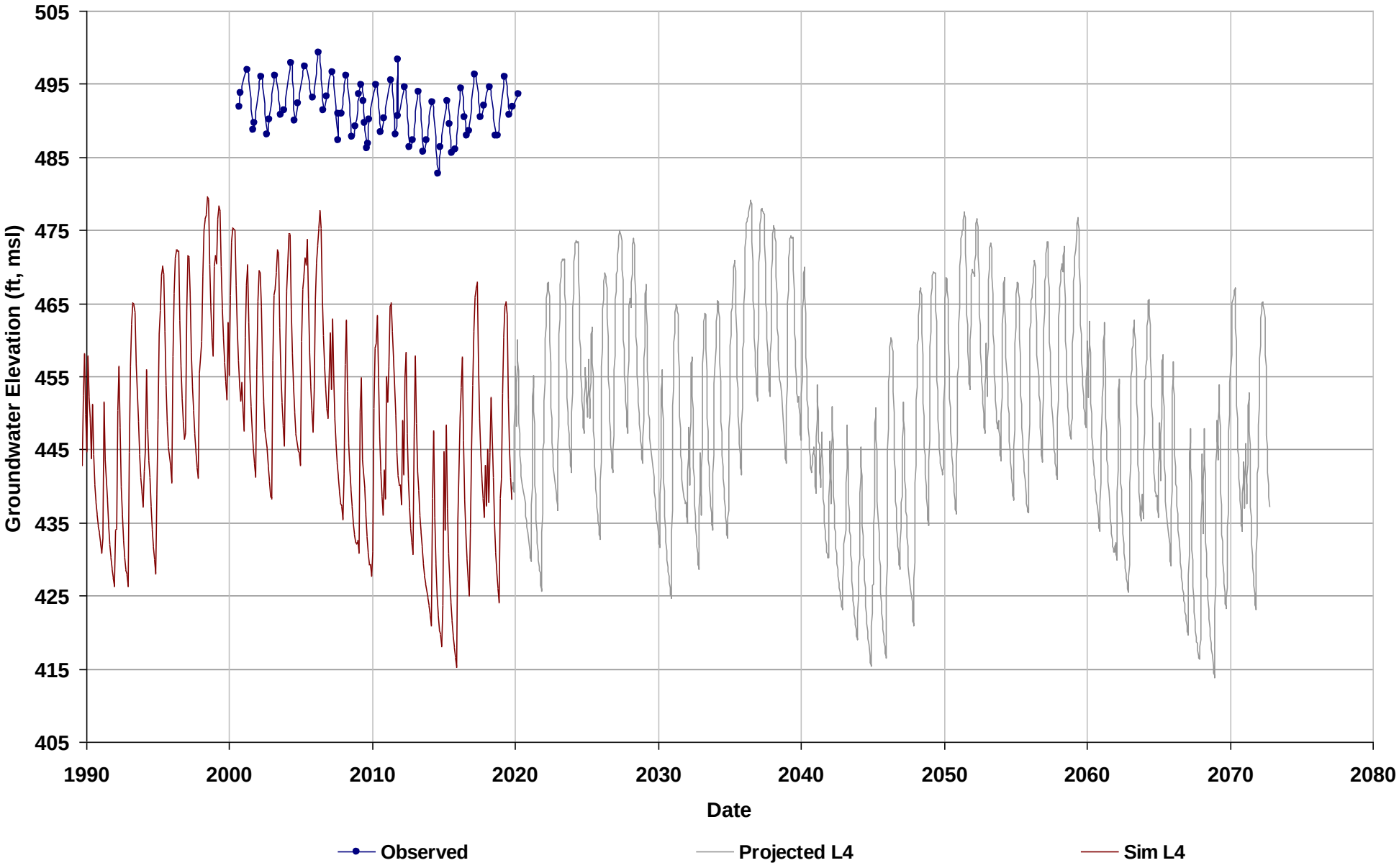
Total Depth (ft): 194
Perf Top (ft): 154
Perf Bottom (ft): 189
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 29N05W33A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 534

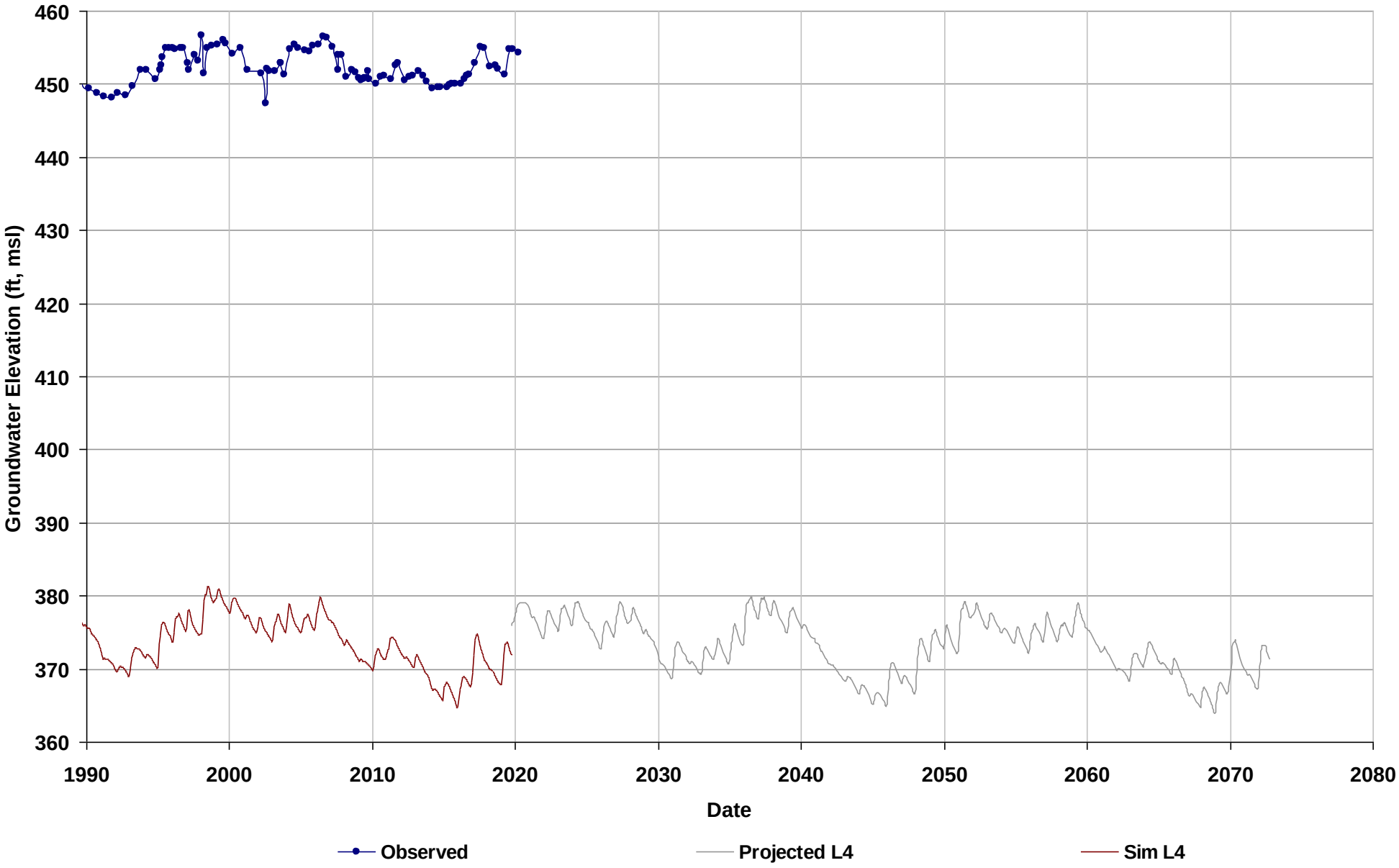
Total Depth (ft): 210
Perf Top (ft): 110
Perf Bottom (ft): 210
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

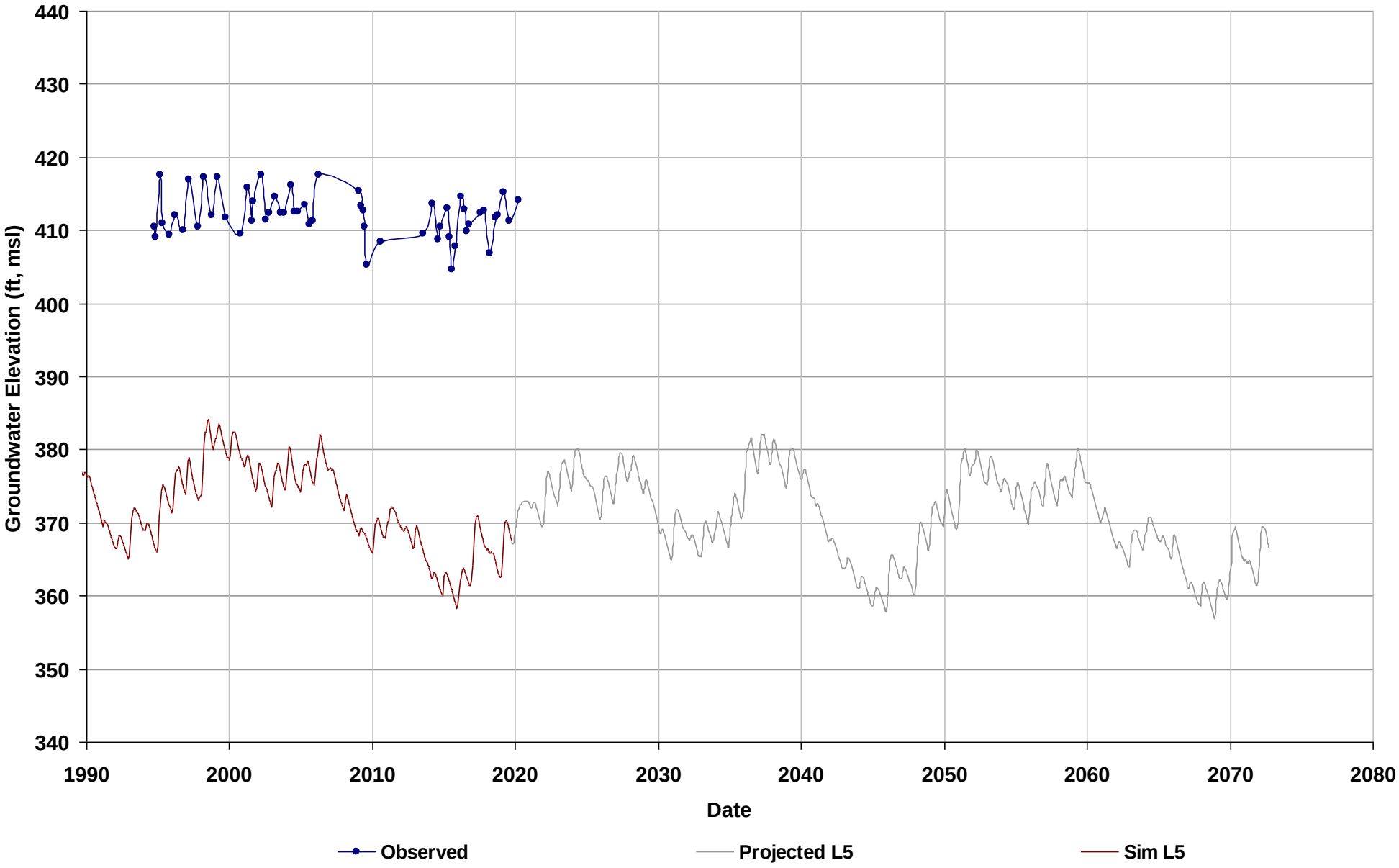
Well Name: 29N04W35B001M
Depth Zone: Composite
Subbasin: Bowman
GSE (ft, msl): 537

Total Depth (ft): 759
Perf Top (ft): 130
Perf Bottom (ft): 759
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 28N04W04P001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 537

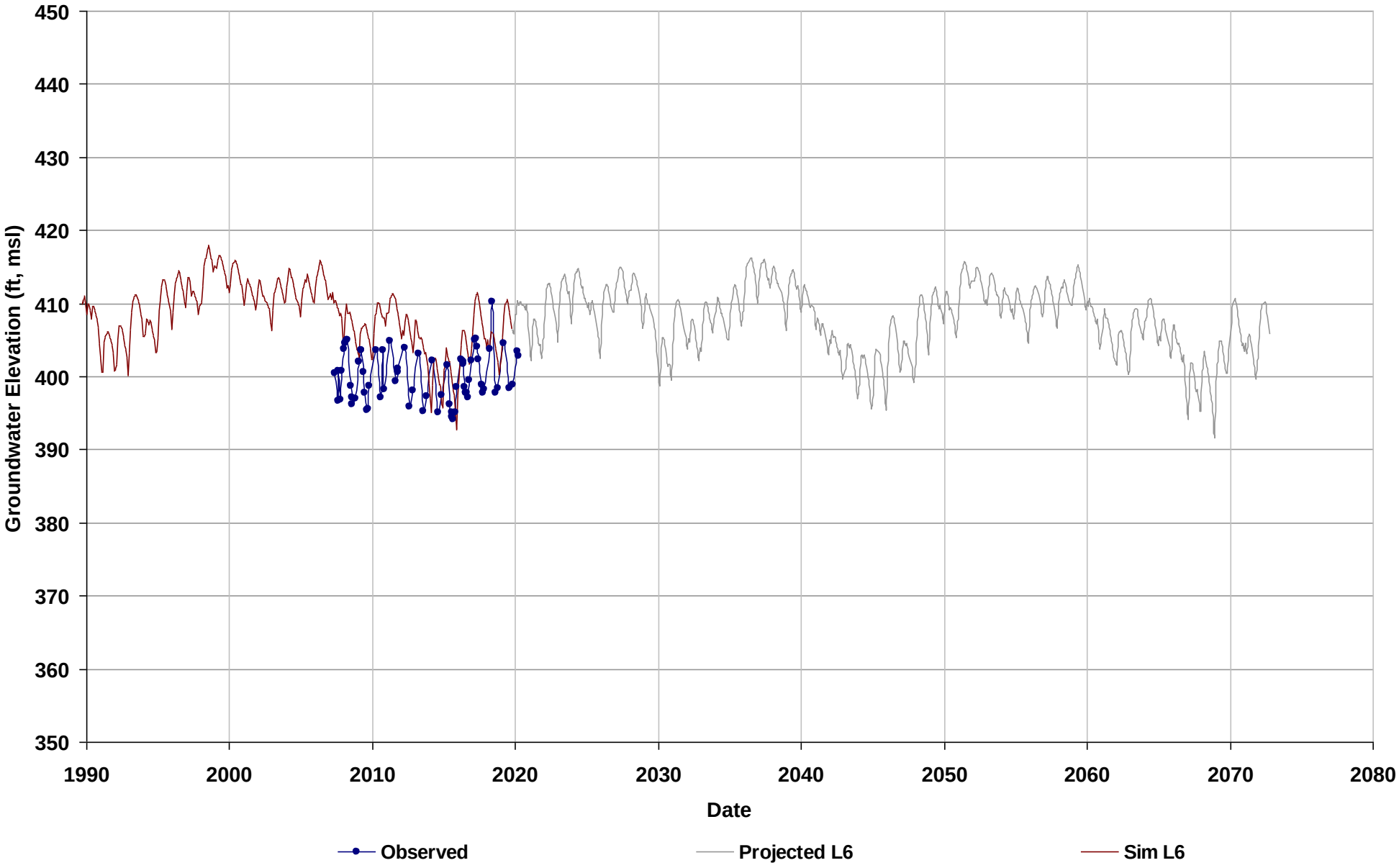
Total Depth (ft): 270
Perf Top (ft): 200
Perf Bottom (ft): 270
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

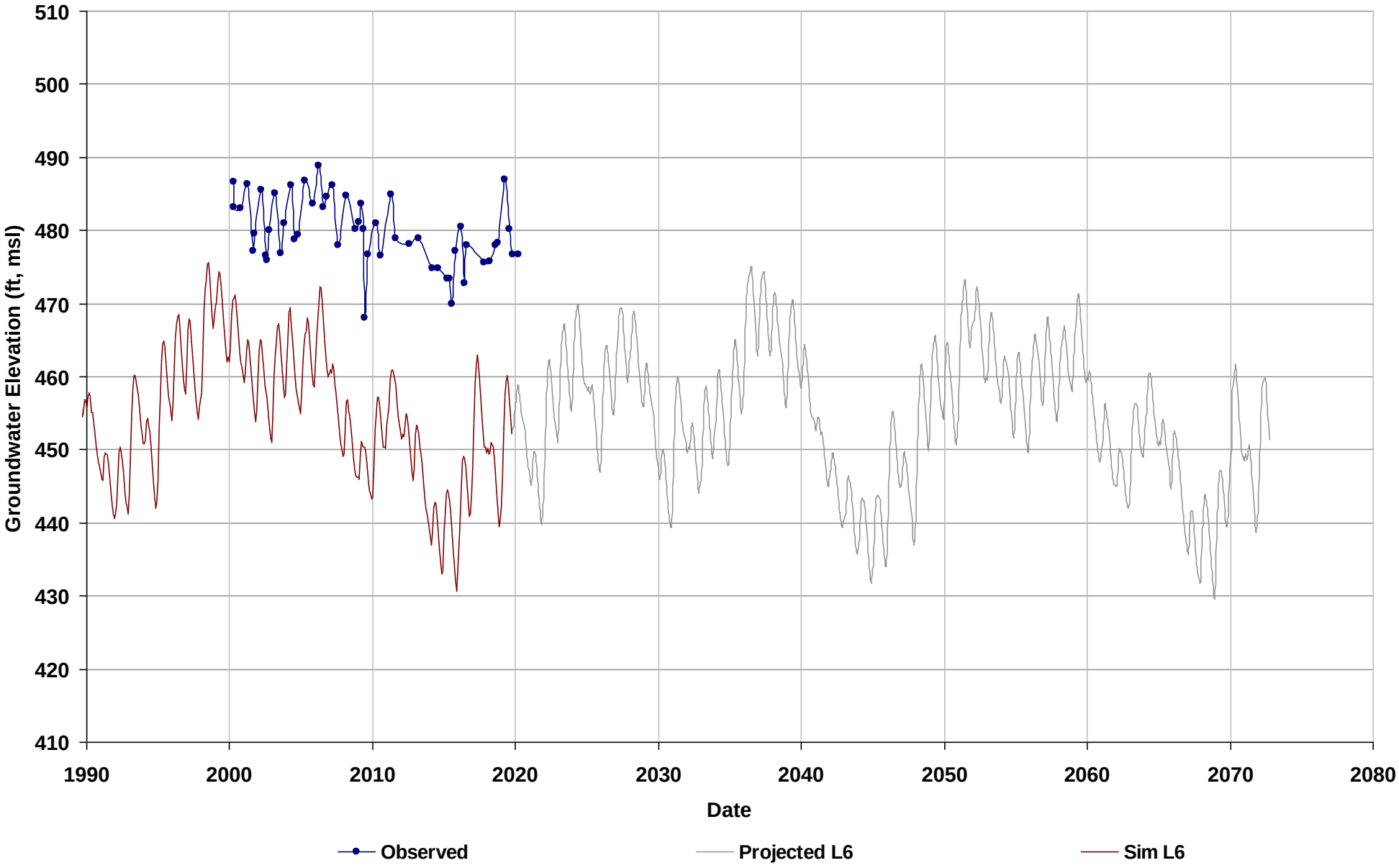
Well Name: 29N04W20A002M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 451
Perf Top (ft): 360
Perf Bottom (ft): 430
Top Model Layer: 6
Bottom Model Layer: 6



Well Name: 29N05W21H001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 622

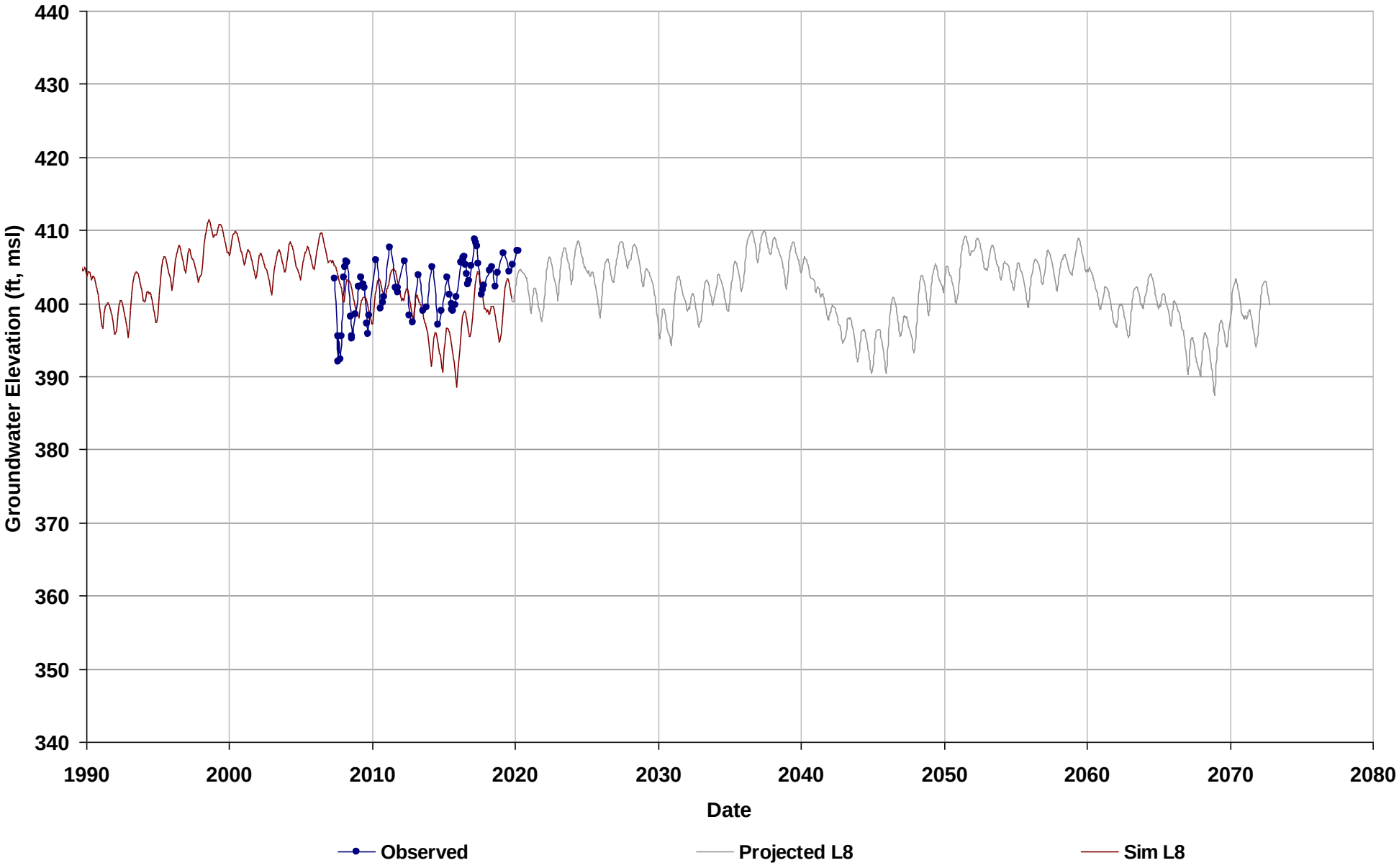
Total Depth (ft): 280
Perf Top (ft): 250
Perf Bottom (ft): 280
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

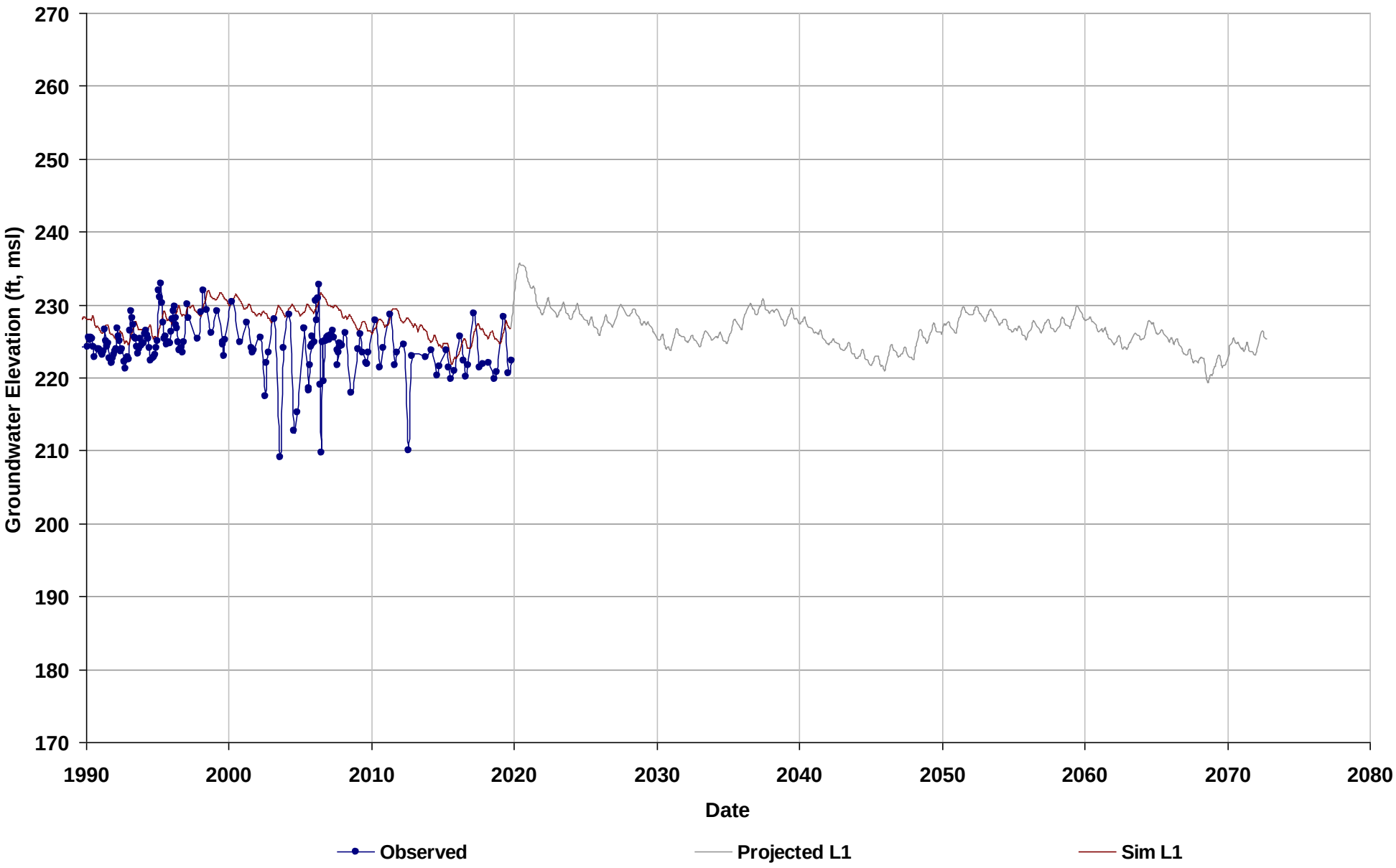
Well Name: 29N04W20A001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 876
Perf Top (ft): 755
Perf Bottom (ft): 855
Top Model Layer: 8
Bottom Model Layer: 8



Well Name: 26N02W16C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 242

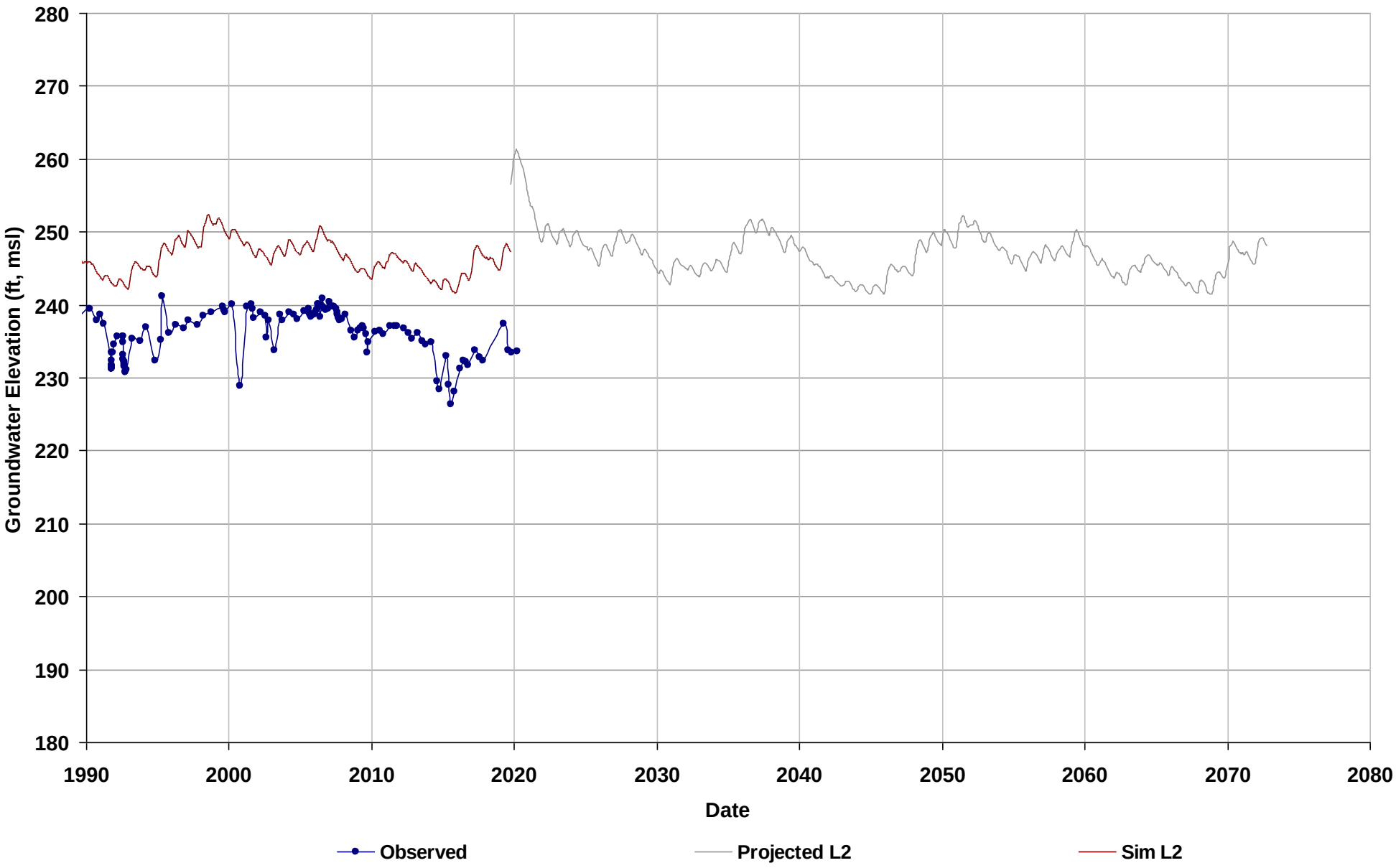
Total Depth (ft): 50
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 26N02W14G001M
Depth Zone: Likely Composite
Subbasin: Los Molinos
GSE (ft, msl): 314

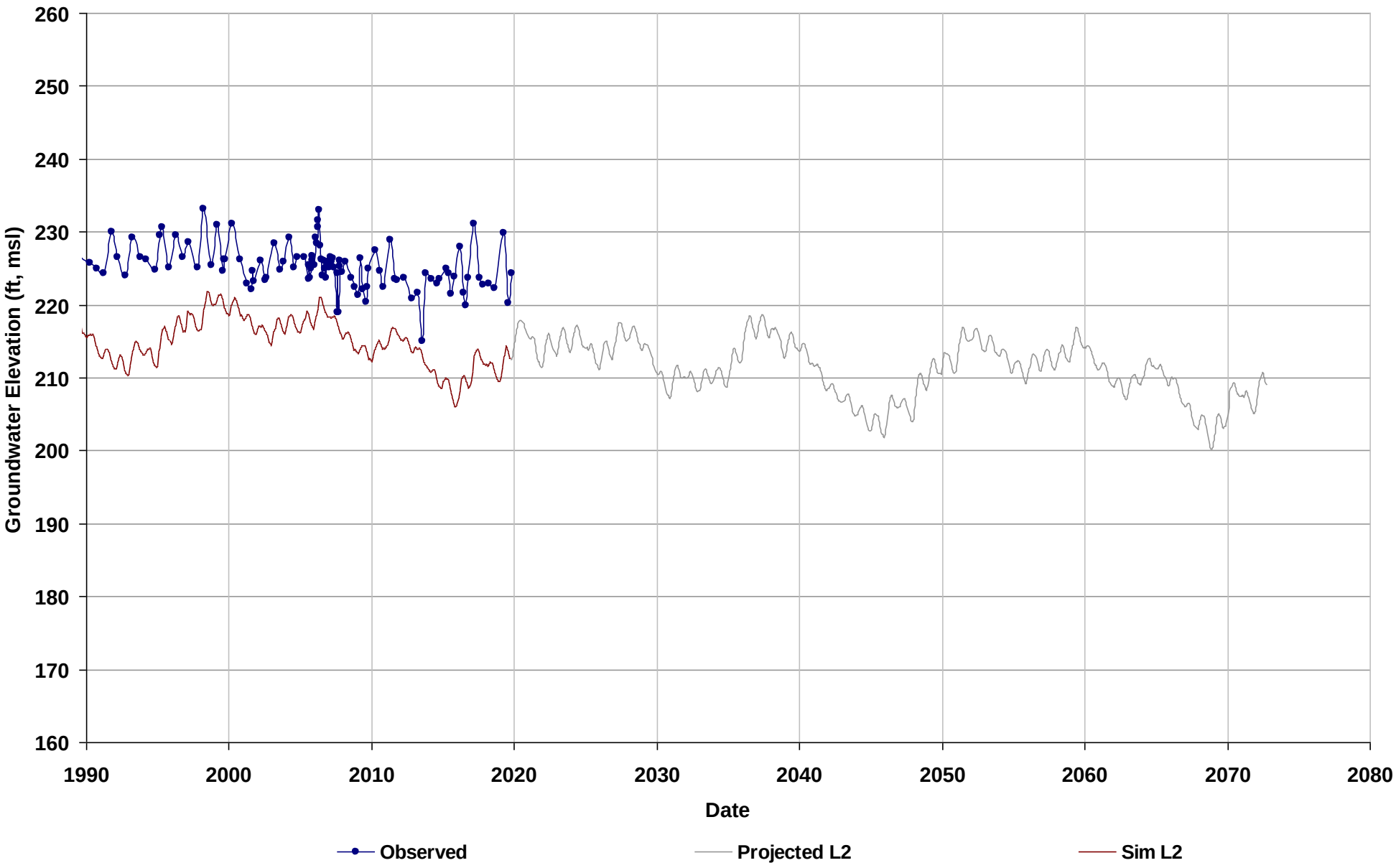
Total Depth (ft): 394
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

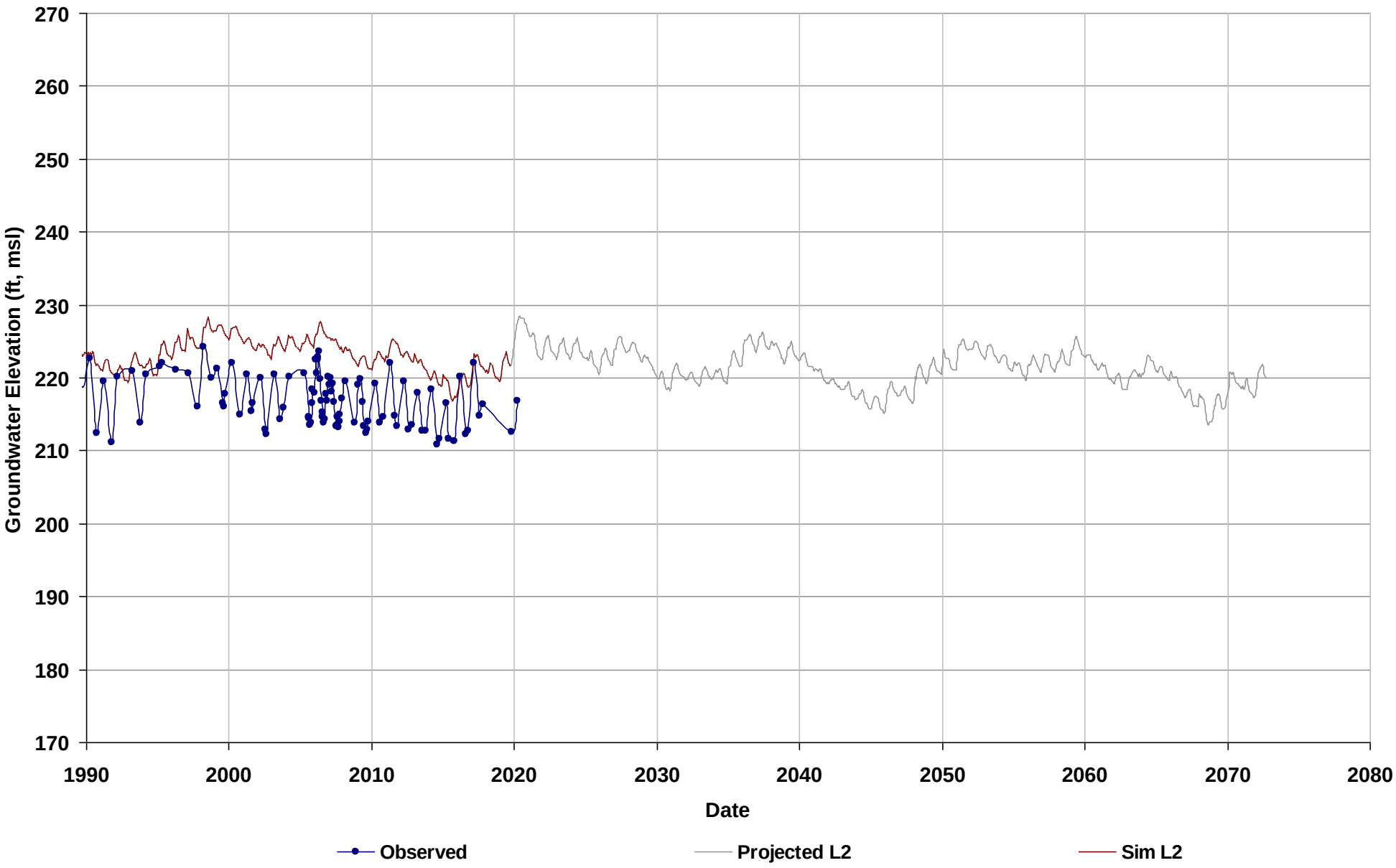
Well Name: 25N02W09G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 264

Total Depth (ft): 60
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Well Name: 26N02W21Q001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 237

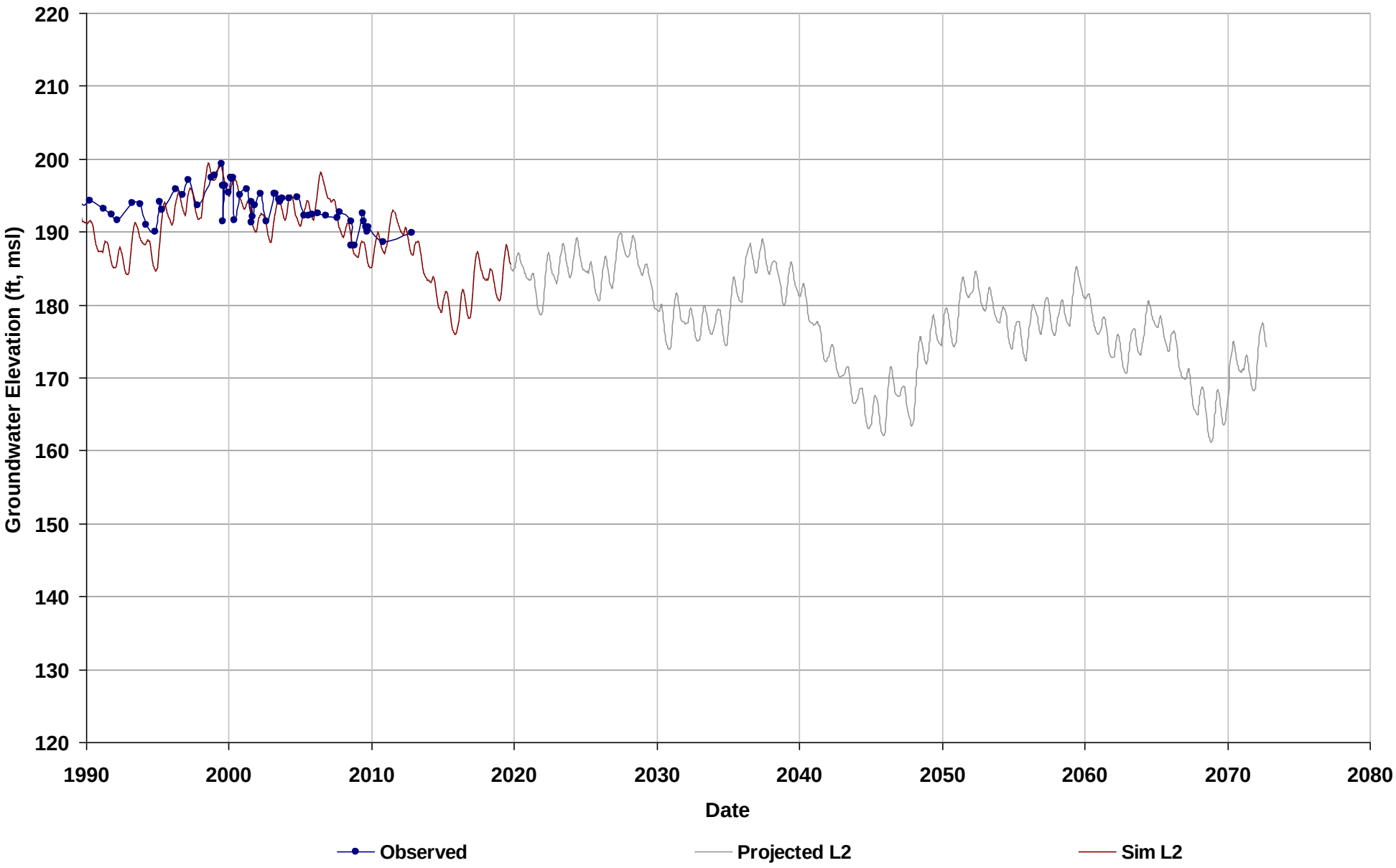
Total Depth (ft): 55
Perf Top (ft): 48
Perf Bottom (ft): 55
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 24N01W18N001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 256

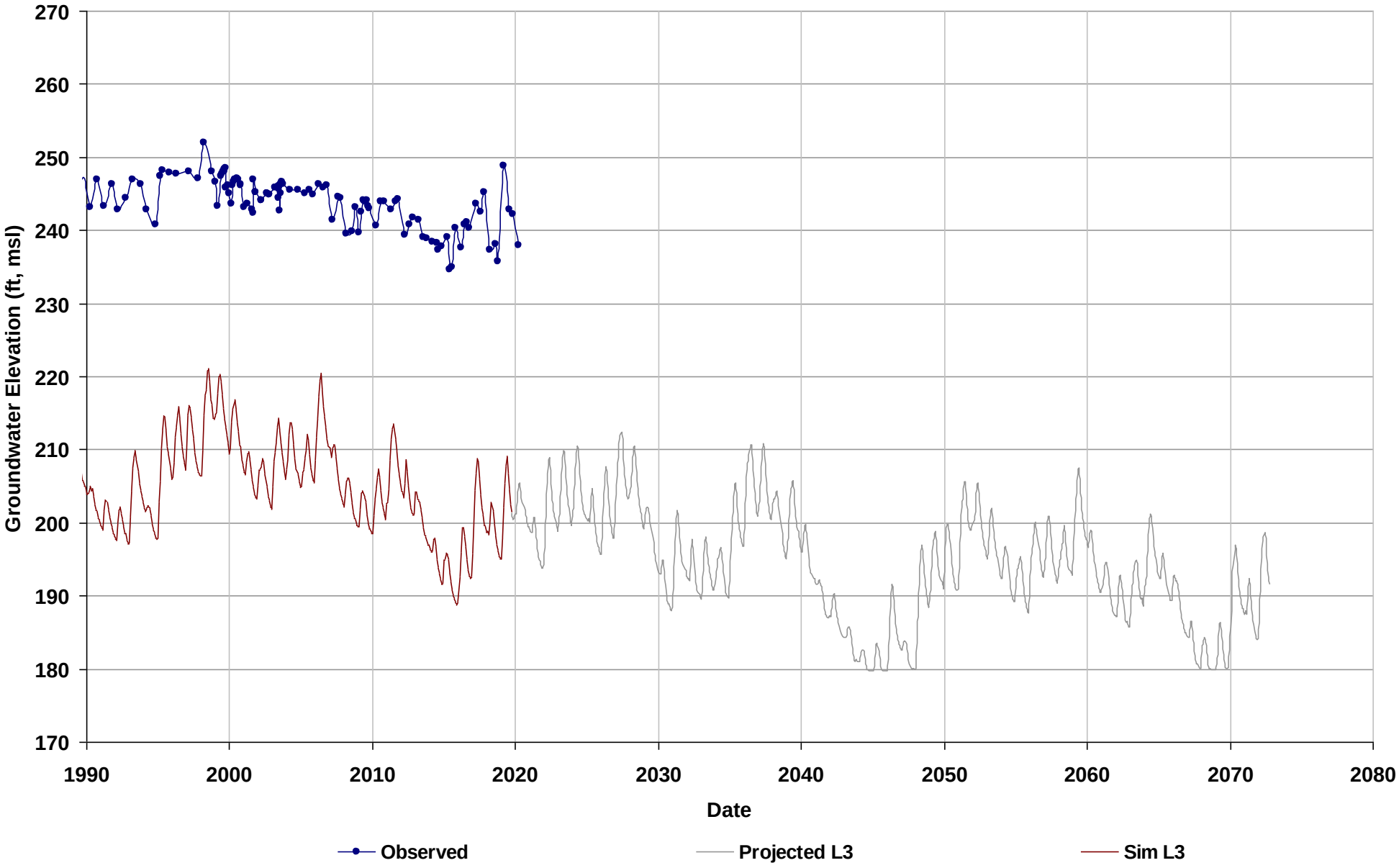
Total Depth (ft): 102
Perf Top (ft): 64
Perf Bottom (ft): 76
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 24N01W05Q002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 289

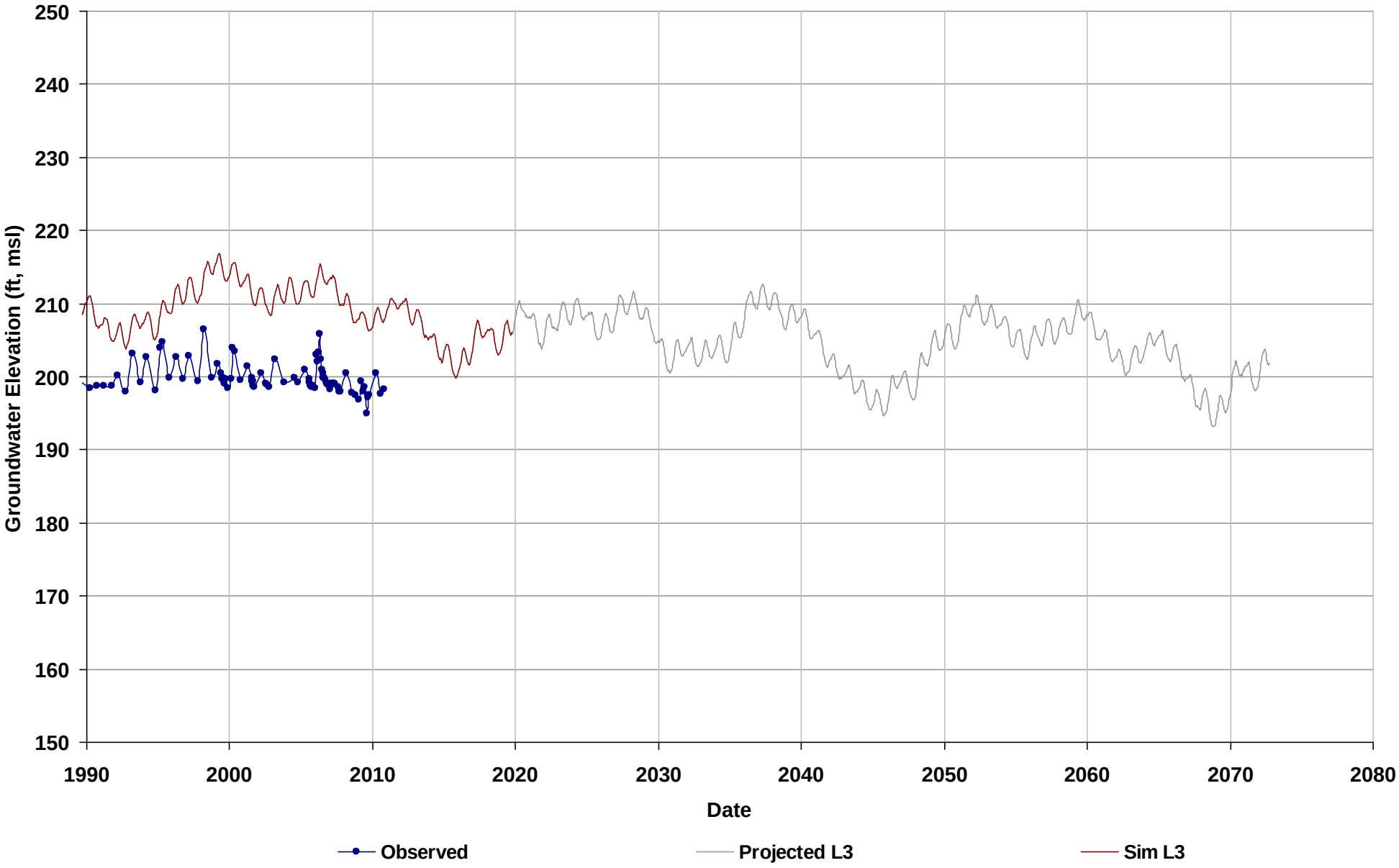
Total Depth (ft): 150
Perf Top (ft): 60
Perf Bottom (ft): 150
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 25N02W21B001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 212

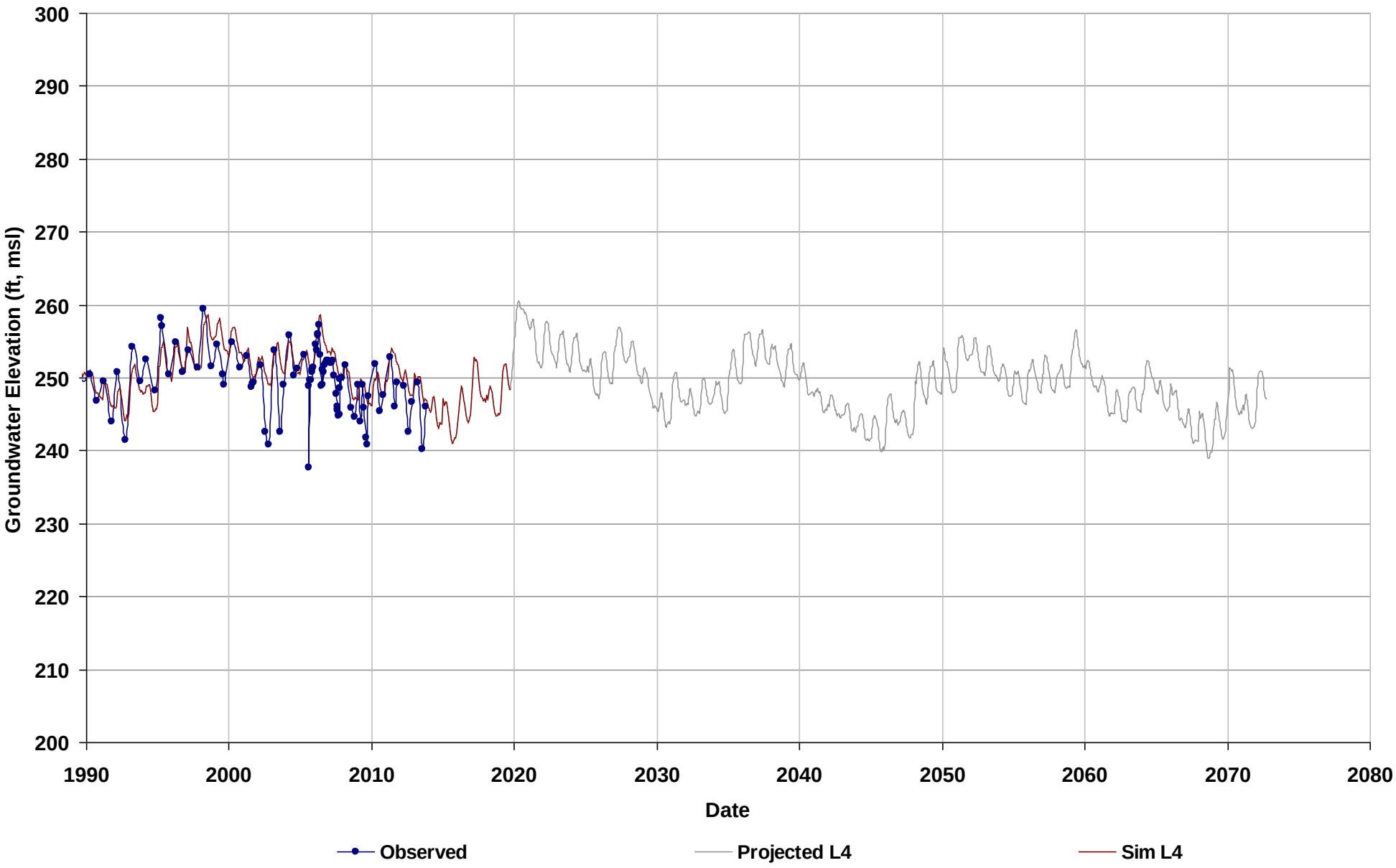
Total Depth (ft): 110
Perf Top (ft): 52
Perf Bottom (ft): 110
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 27N02W30C002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 282

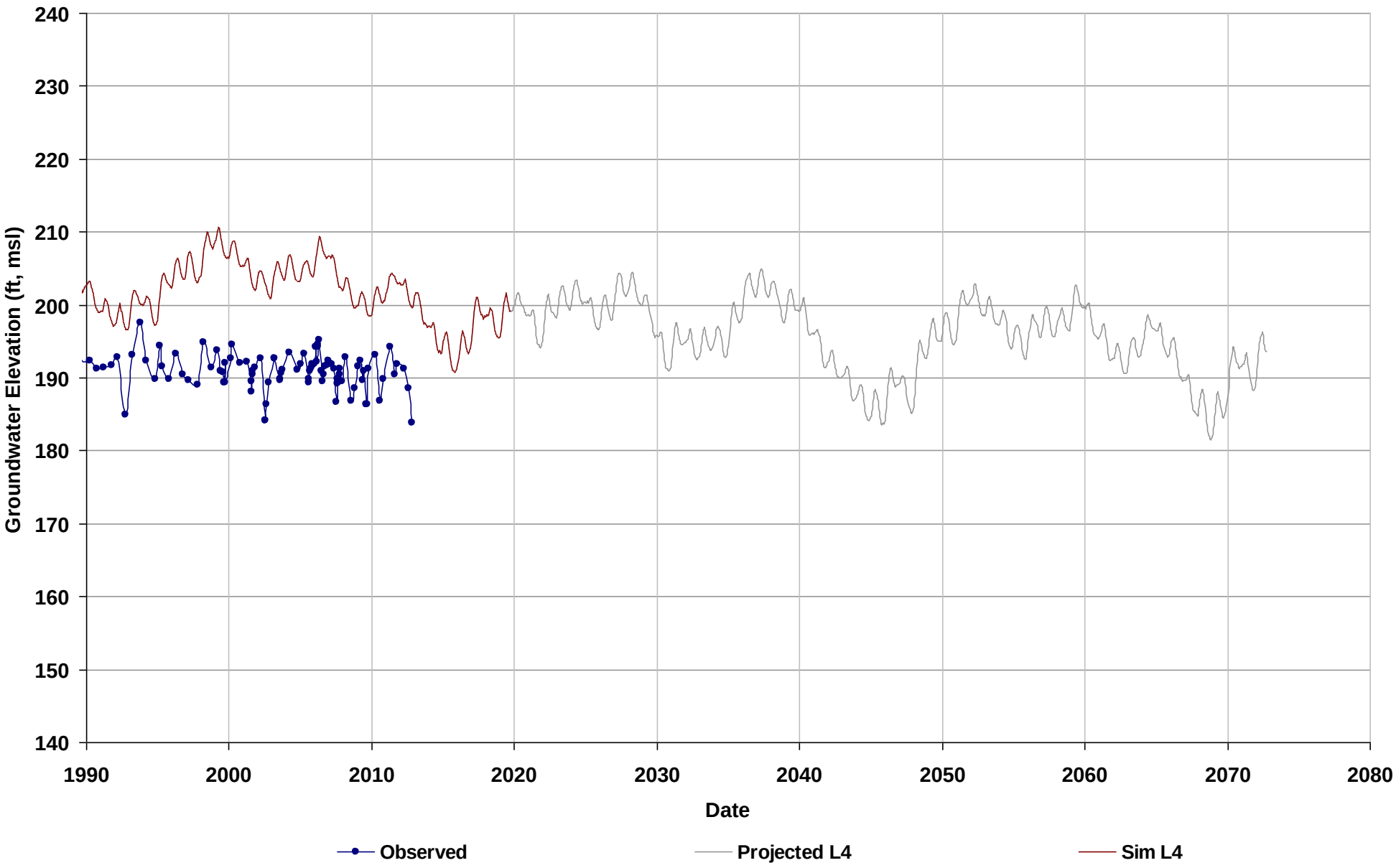
Total Depth (ft): 296
Perf Top (ft): 50
Perf Bottom (ft): 163
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 25N02W34K001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 206

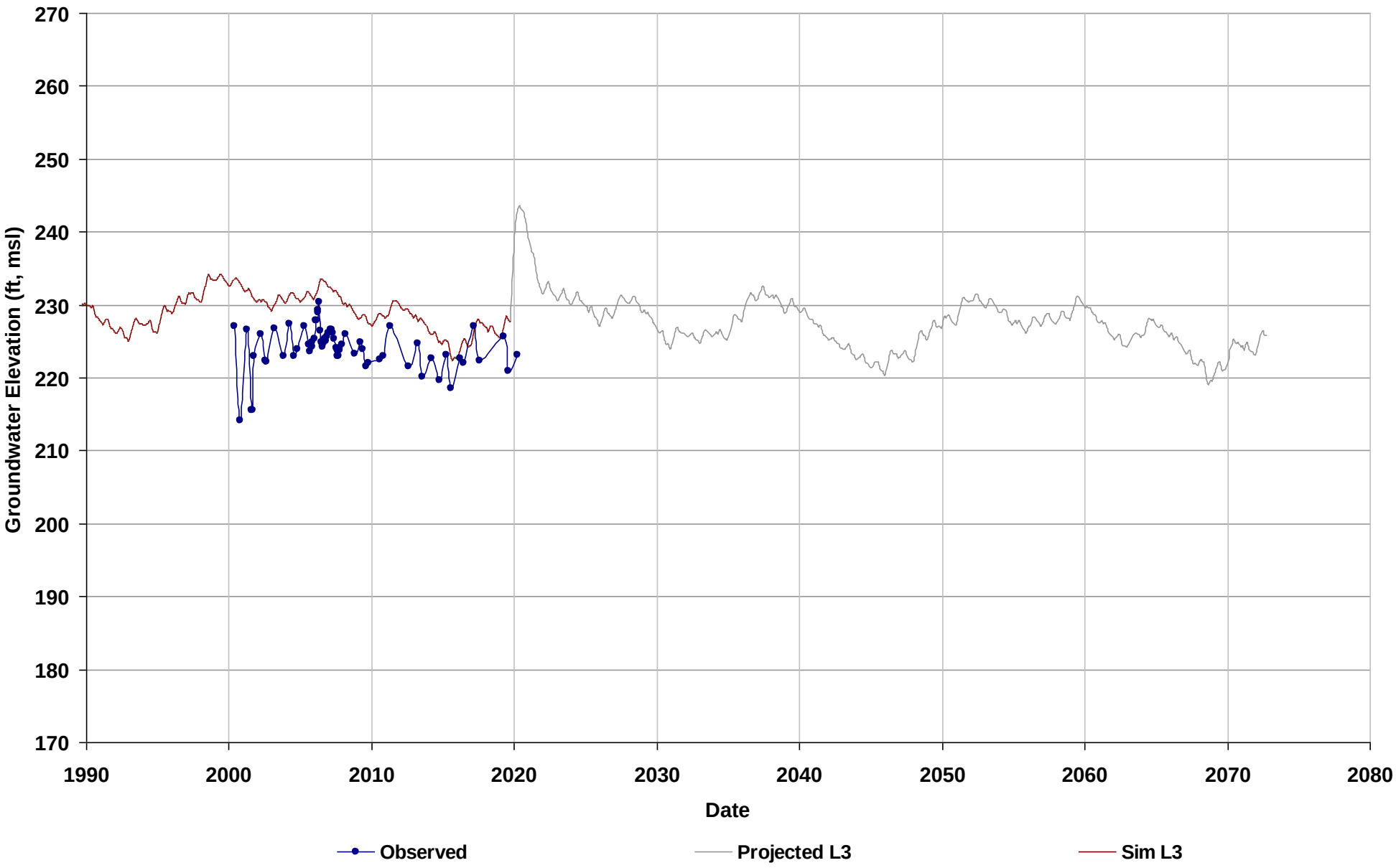
Total Depth (ft): 235
Perf Top (ft): 46
Perf Bottom (ft): 213
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

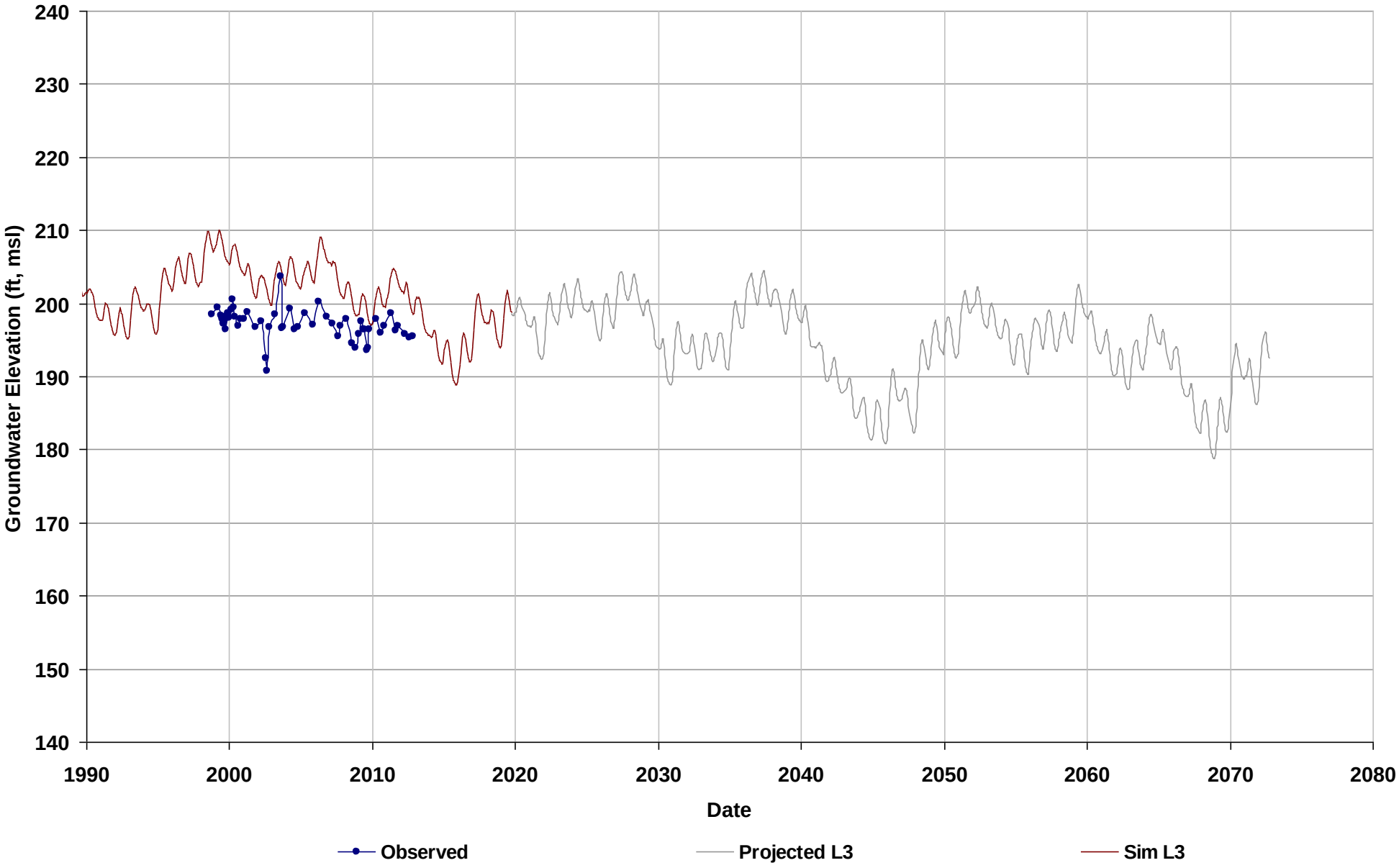
Well Name: 26N02W15C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 260

Total Depth (ft): 100
Perf Top (ft): 78
Perf Bottom (ft): 100
Top Model Layer: 3
Bottom Model Layer: 3



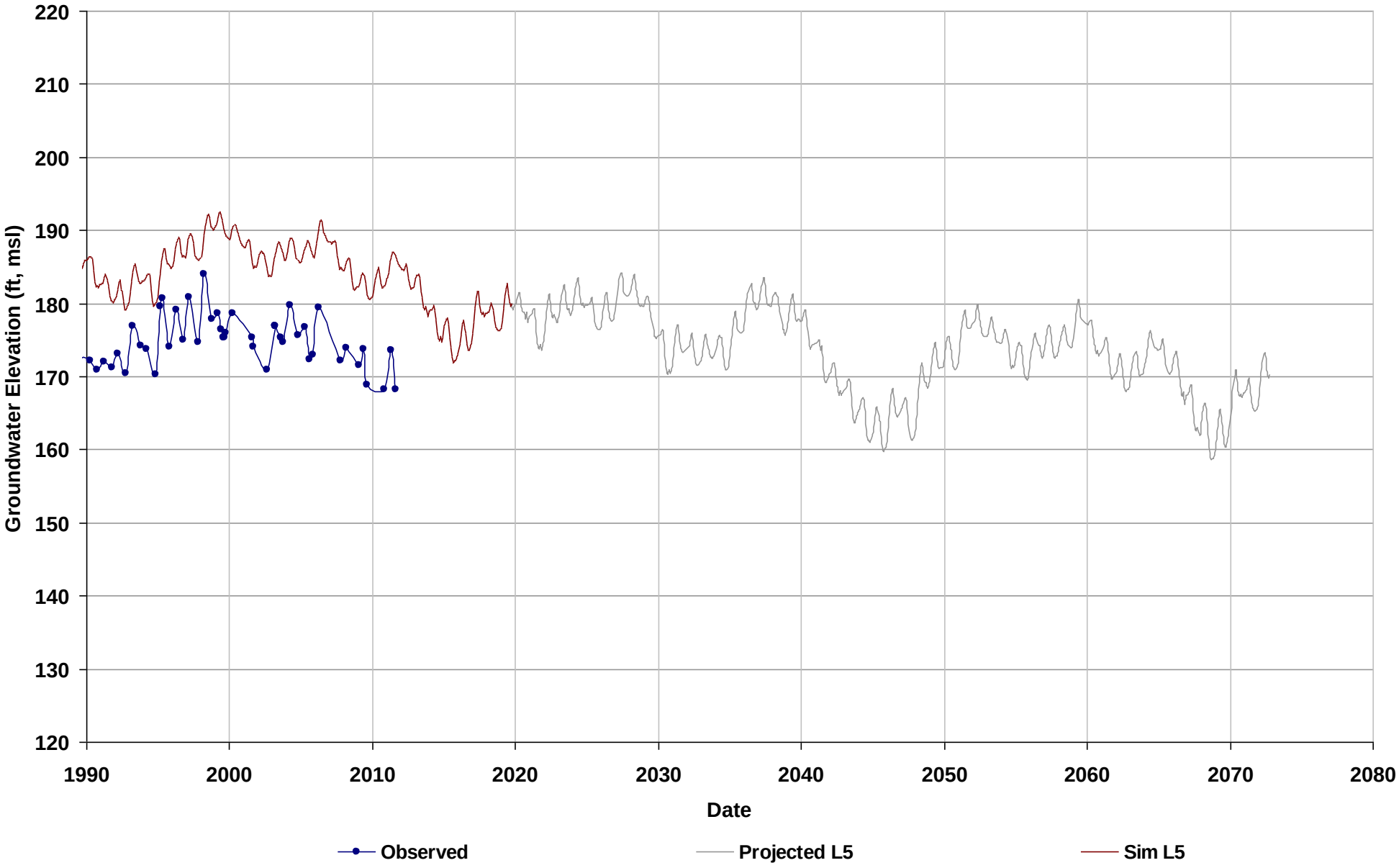
Well Name: 24N02W02E001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 202

Total Depth (ft): 328
Perf Top (ft): 90
Perf Bottom (ft): 310
Top Model Layer: 3
Bottom Model Layer: 3



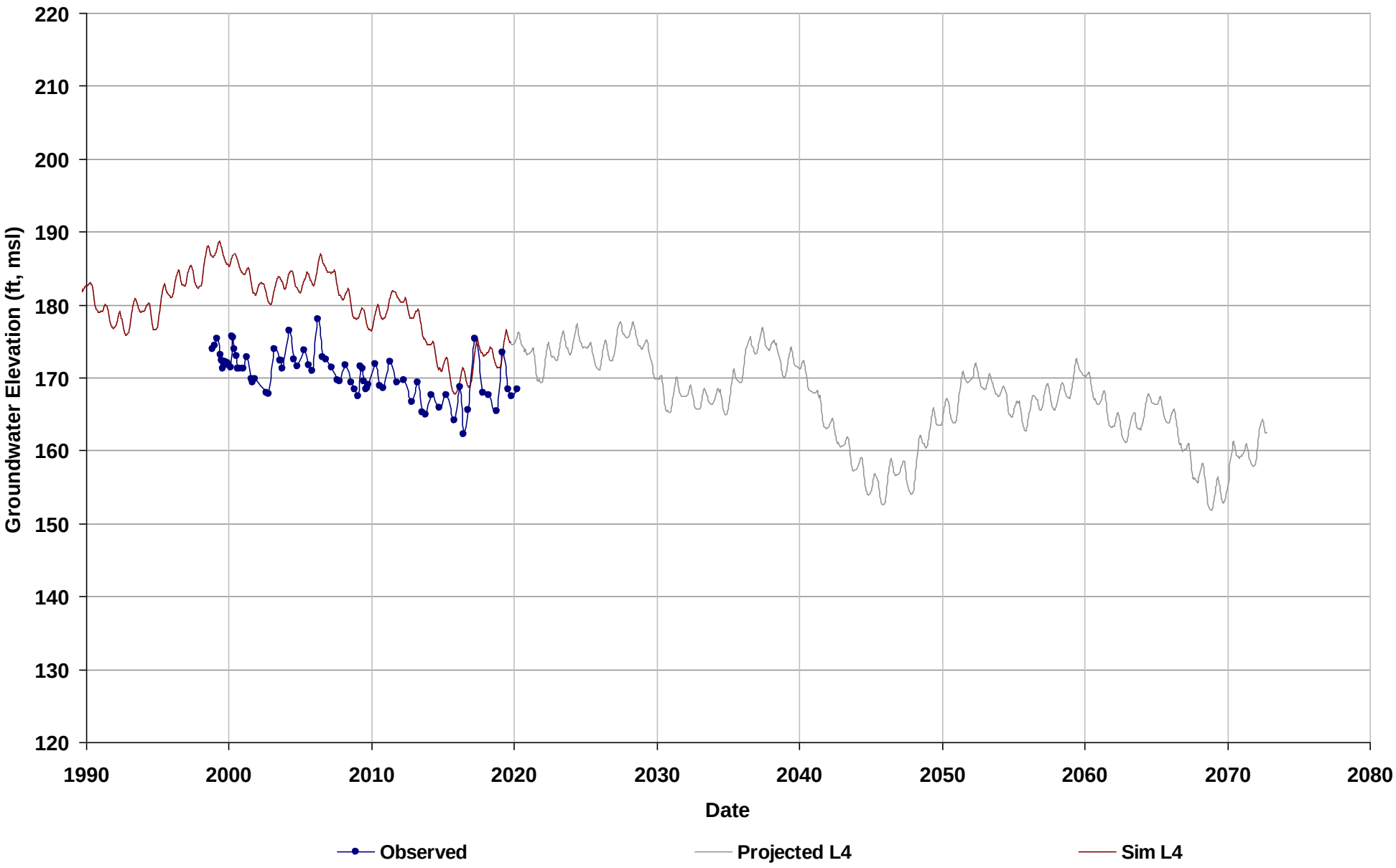
Well Name: 24N02W23G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 199

Total Depth (ft): 362
Perf Top (ft): 84
Perf Bottom (ft): 362
Top Model Layer: 5
Bottom Model Layer: 5



Well Name: 24N02W25G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 194

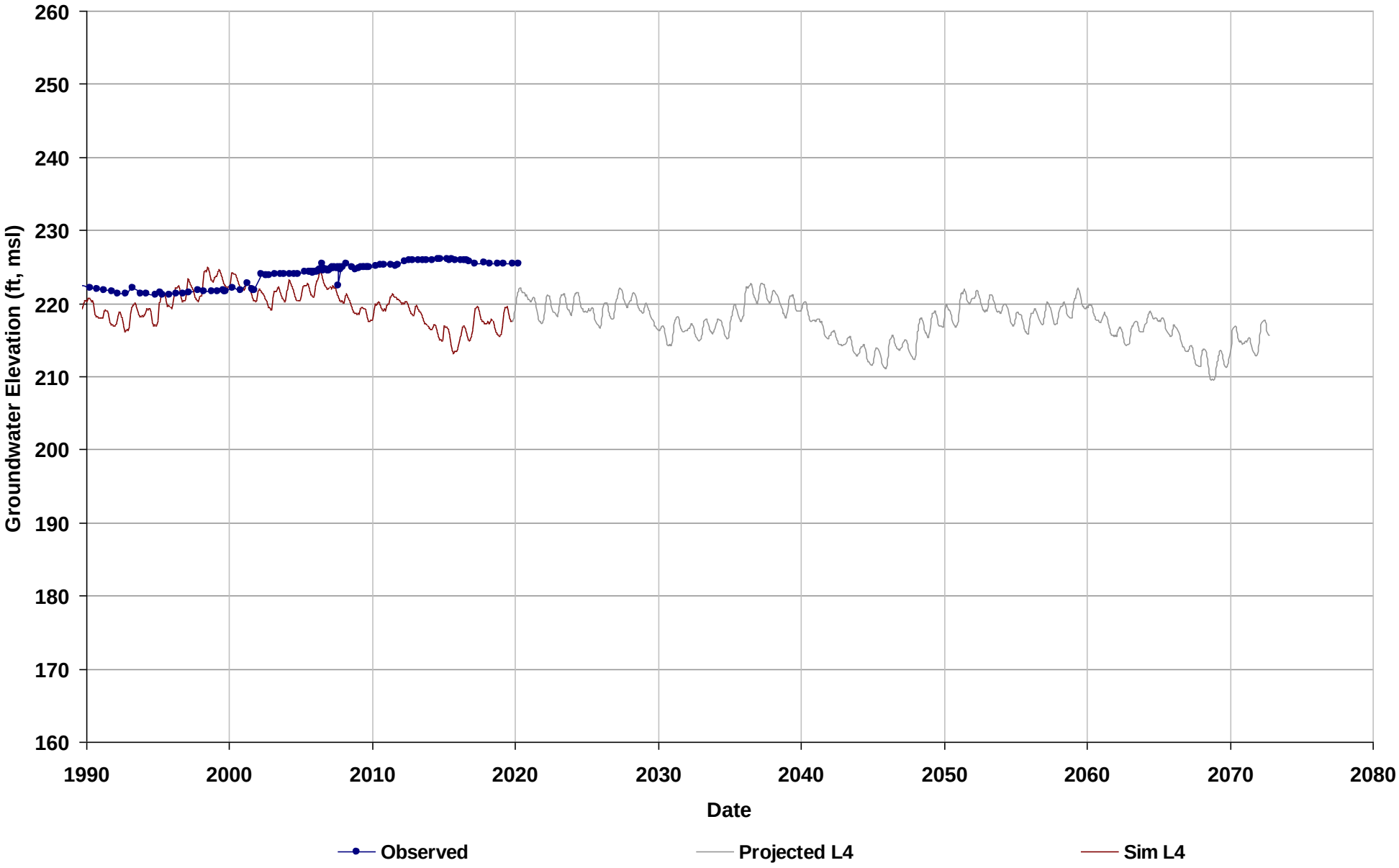
Total Depth (ft): 256
Perf Top (ft): 108
Perf Bottom (ft): 256
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

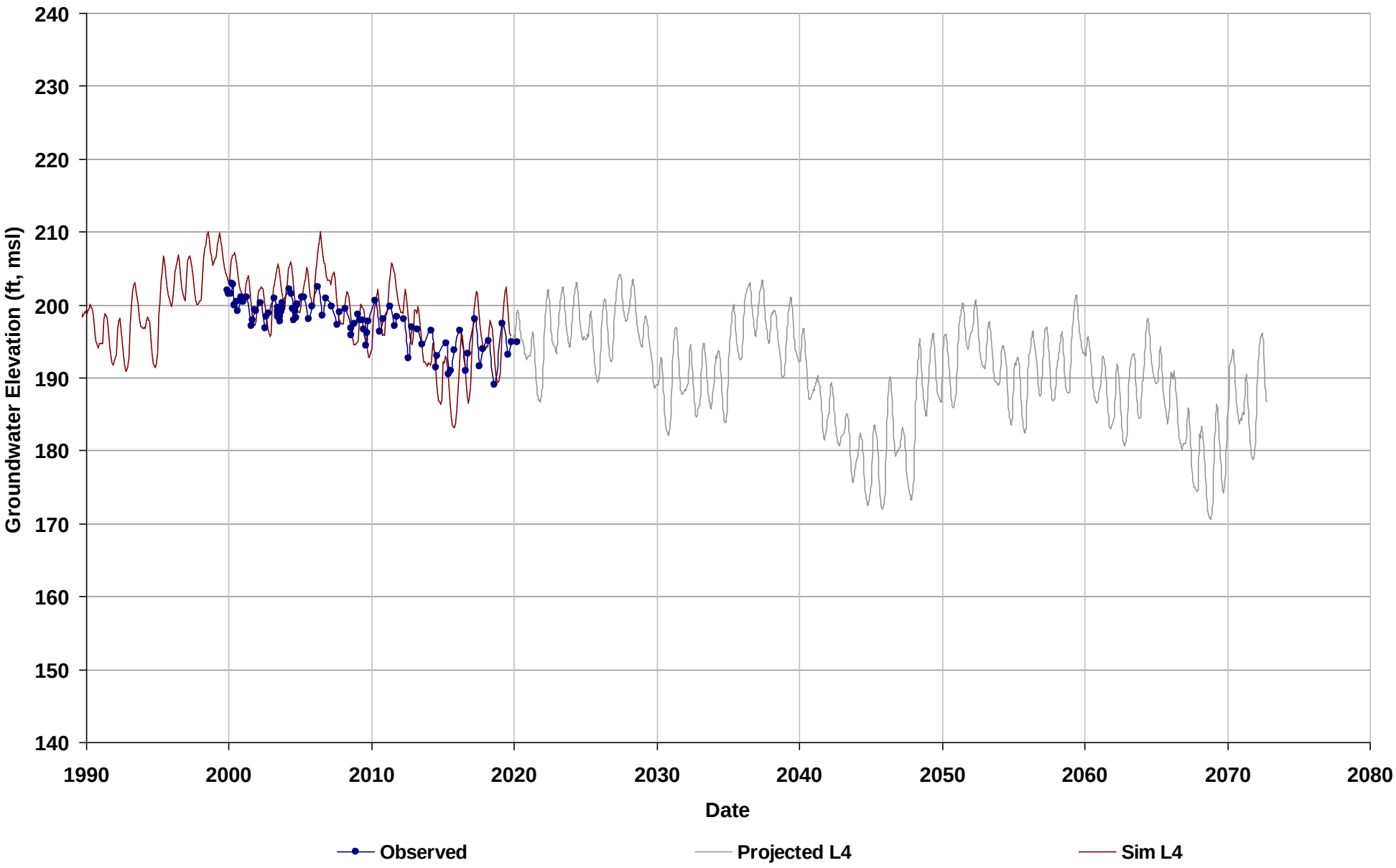
Well Name: 26N02W29R001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

Total Depth (ft): 184
Perf Top (ft): 183.5
Perf Bottom (ft): 184
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 24N02W12P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 228

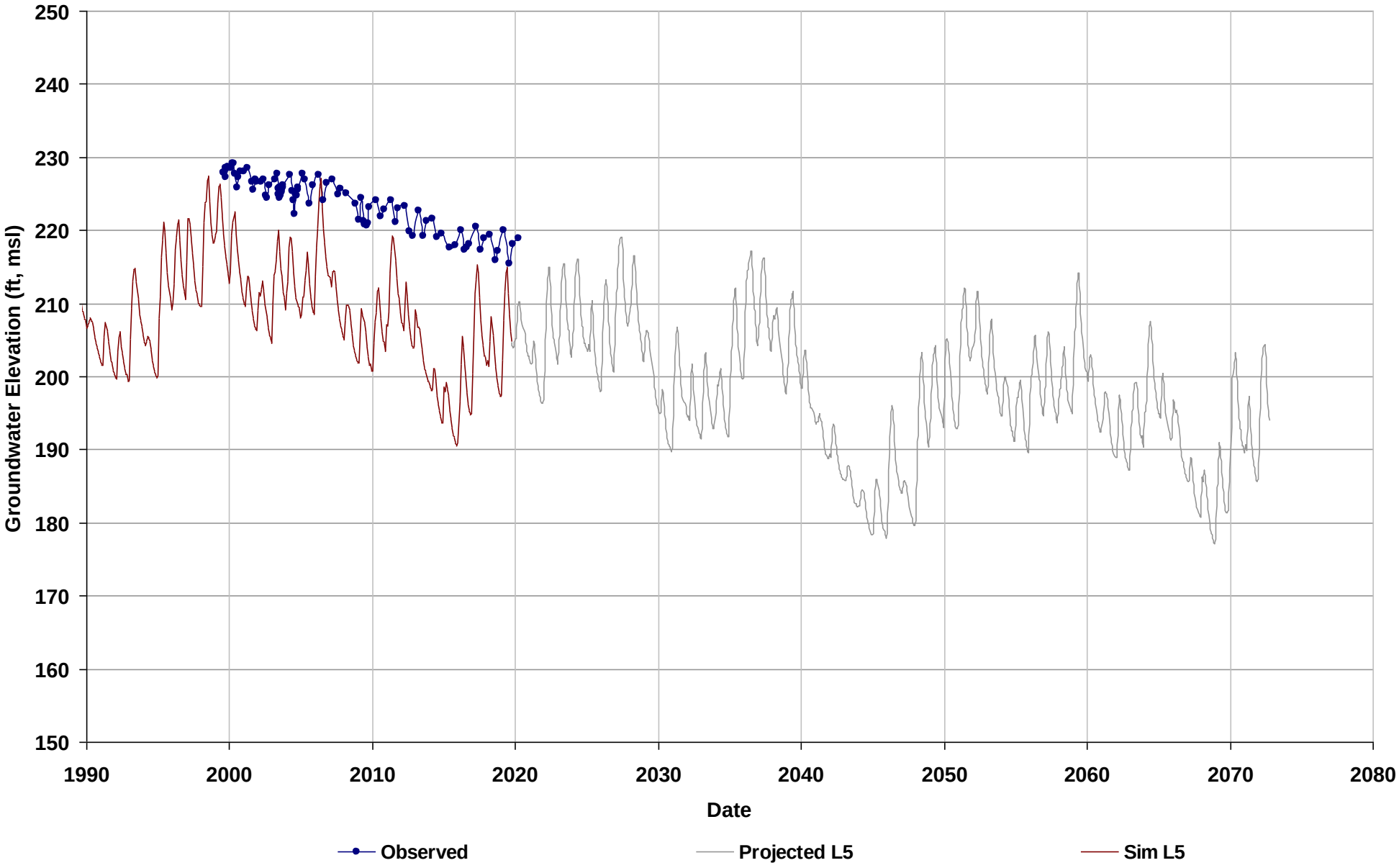
Total Depth (ft): 370
Perf Top (ft): 165
Perf Bottom (ft): 360
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 24N01W05J003M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 312

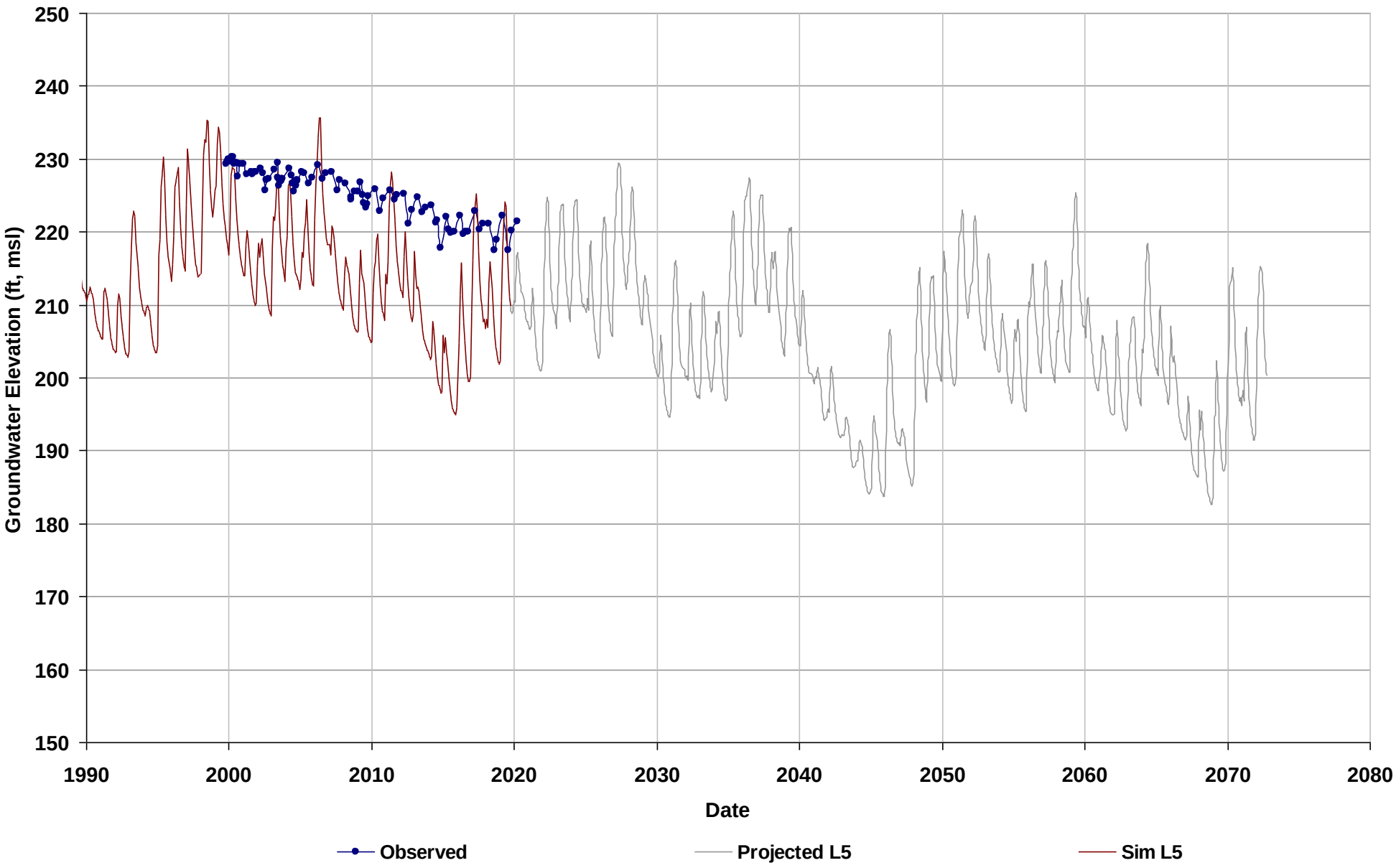
Total Depth (ft): 385
Perf Top (ft): 295
Perf Bottom (ft): 335
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 25N01W32P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 303

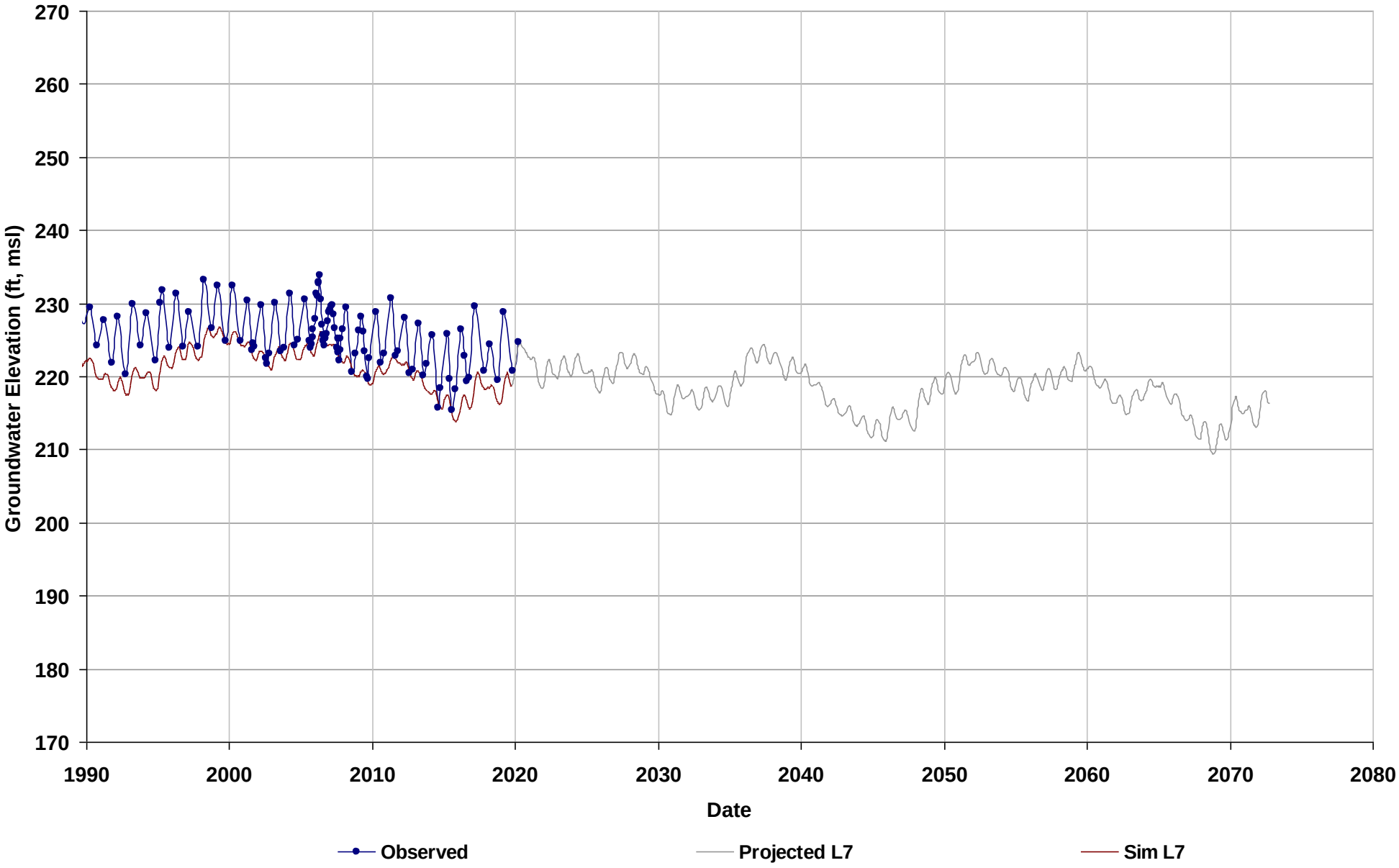
Total Depth (ft): 330
Perf Top (ft): 209
Perf Bottom (ft): 256
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

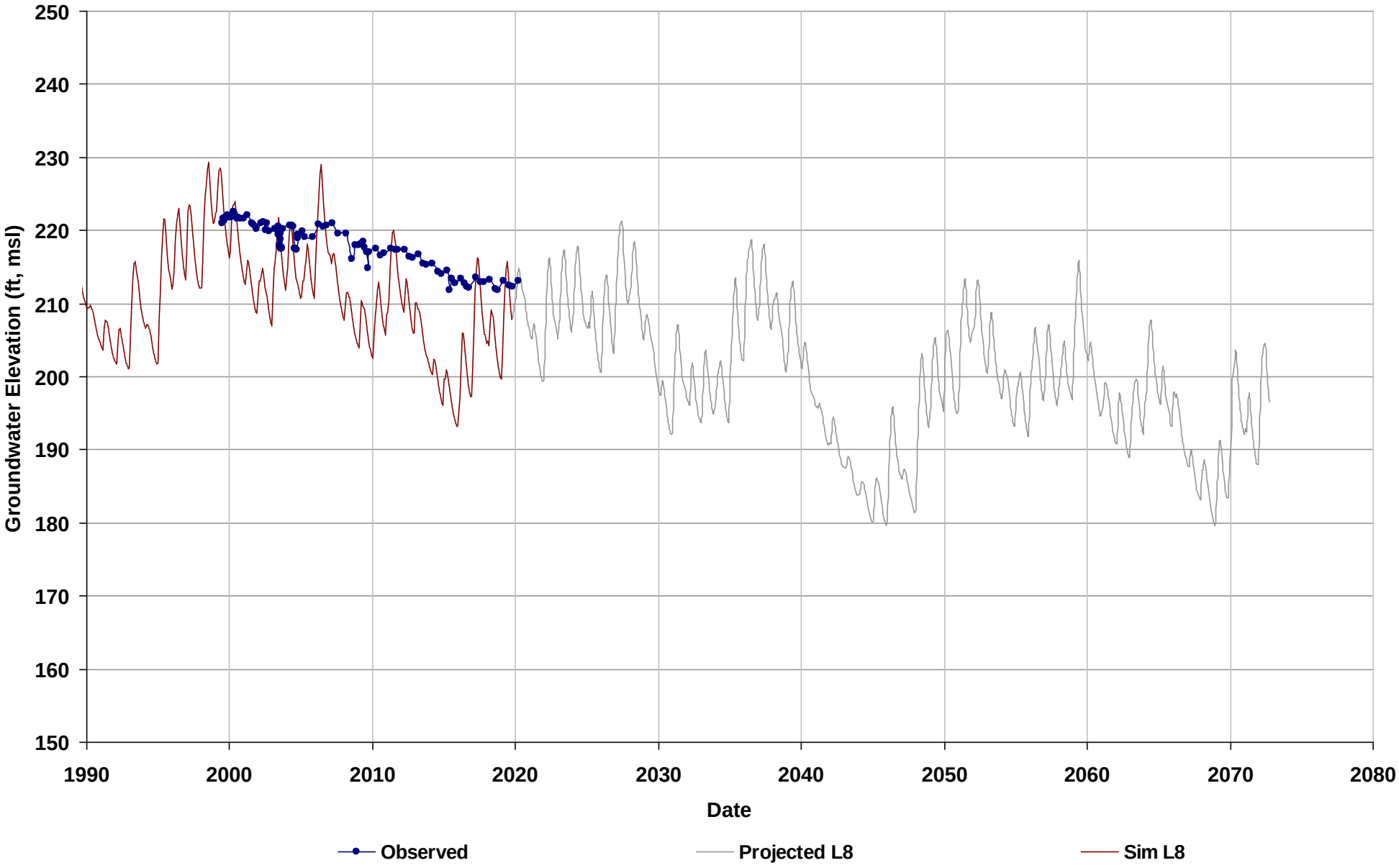
Well Name: 26N02W29R002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

Total Depth (ft): 900
Perf Top (ft): 839.5
Perf Bottom (ft): 840.5
Top Model Layer: 7
Bottom Model Layer: 7



Well Name: 25N01W34N003M
Depth Zone: Lower
Subbasin: Los Molinos
GSE (ft, msl): 366

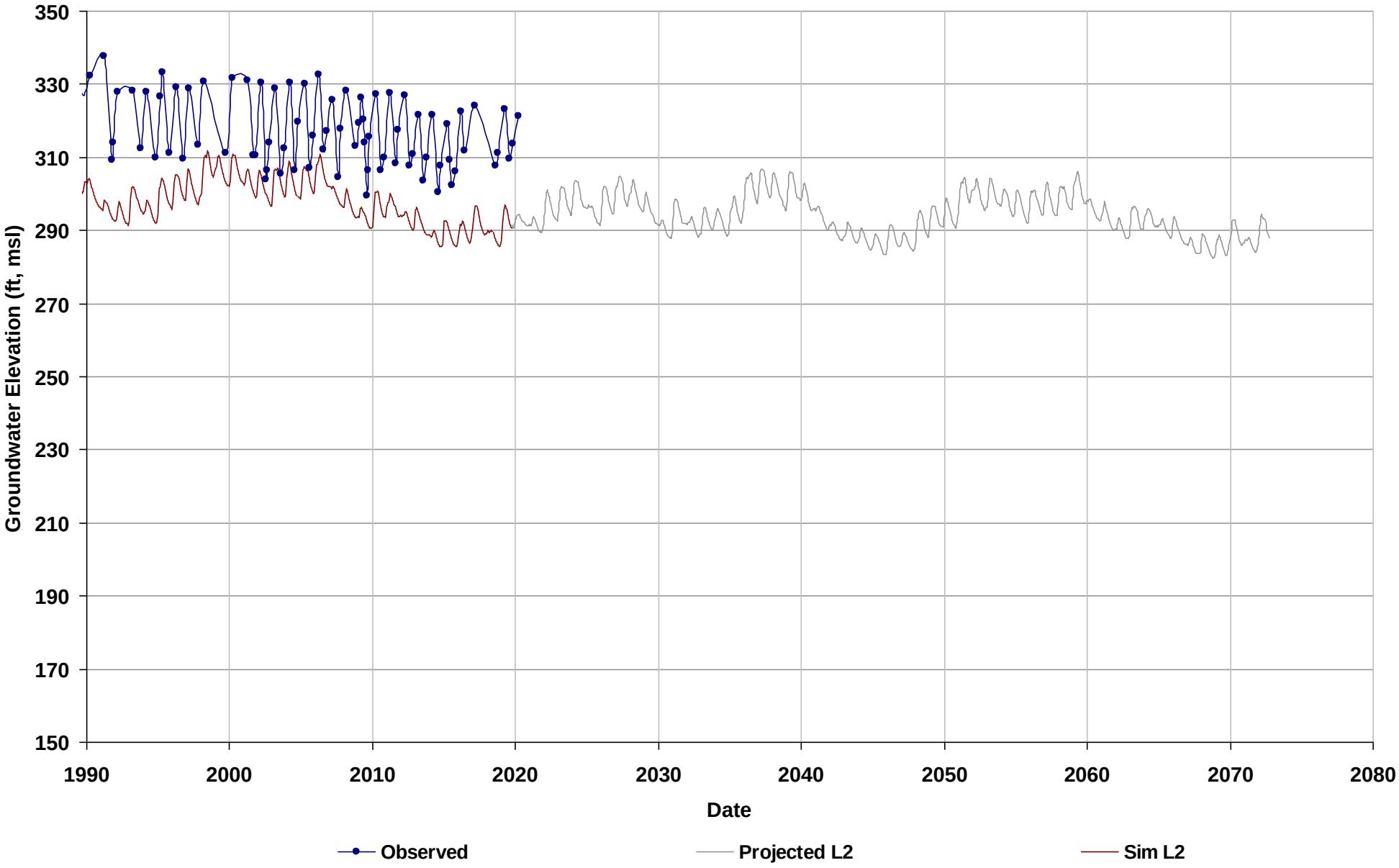
Total Depth (ft): 743
Perf Top (ft): 625
Perf Bottom (ft): 680
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 27N04W35E001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 438

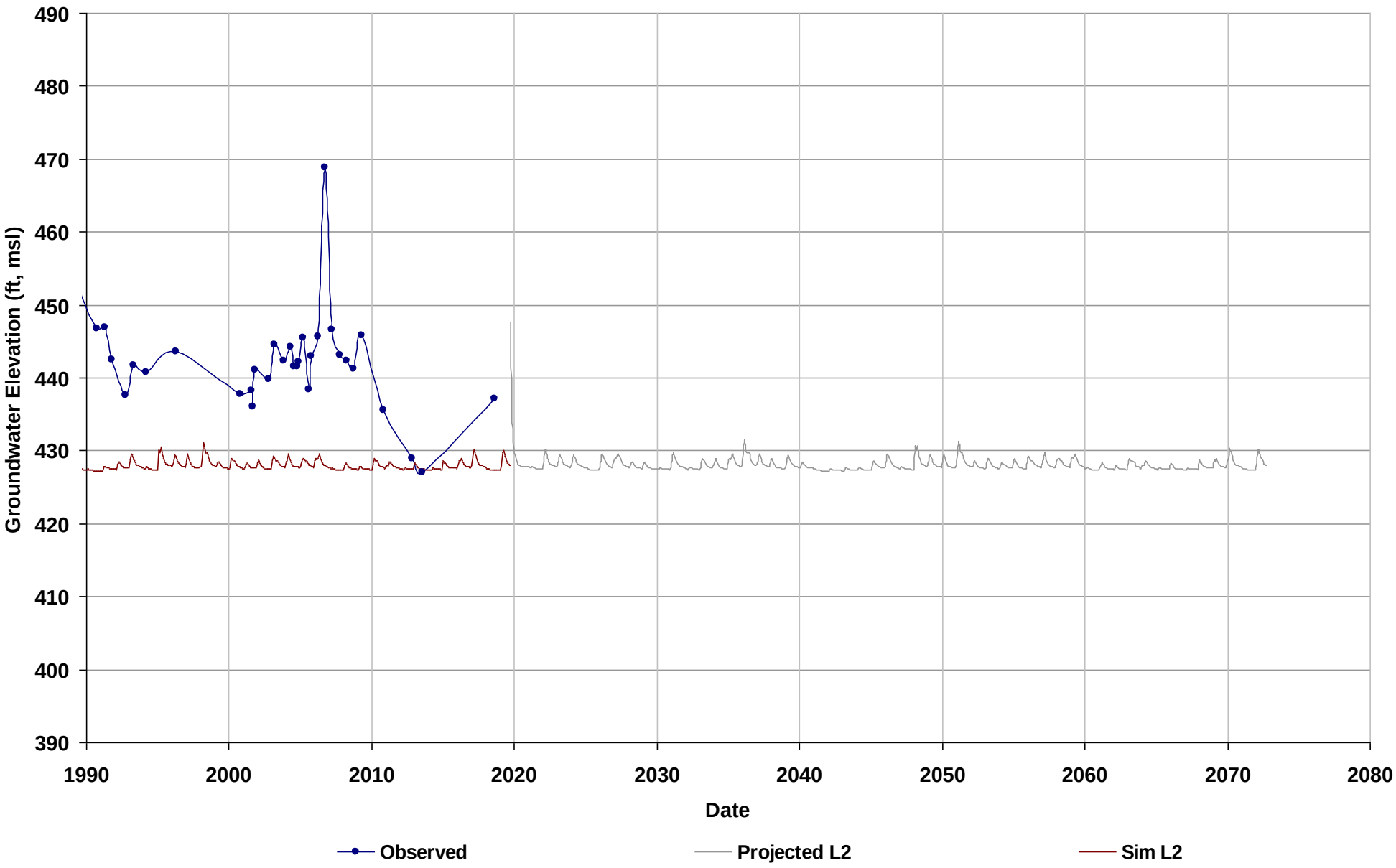
Total Depth (ft): 280
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 25N05W24D001M
Depth Zone: Unknown
Subbasin: Red Bluff
GSE (ft, msl): 515

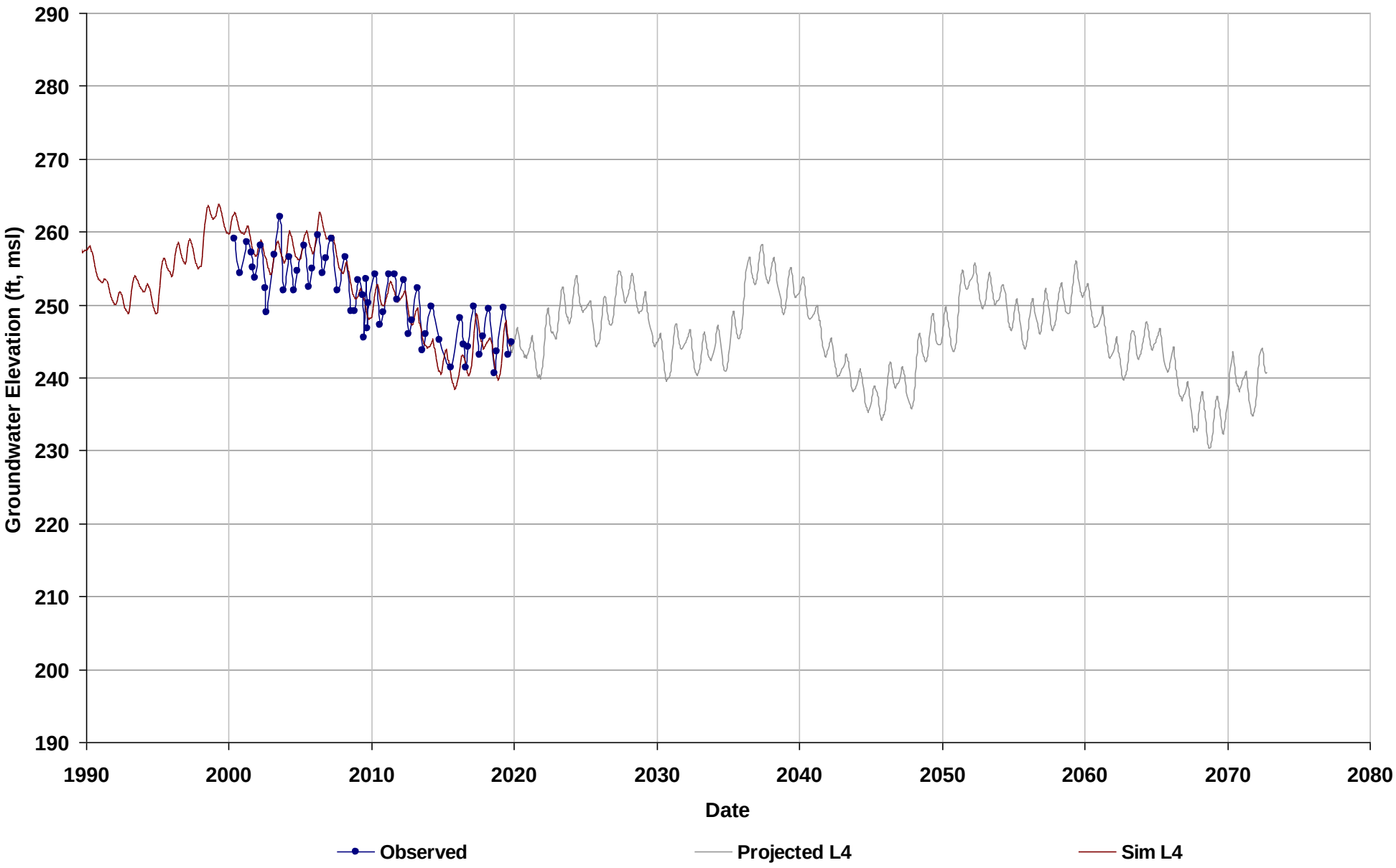
Total Depth (ft):
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 26N03W17B001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 309

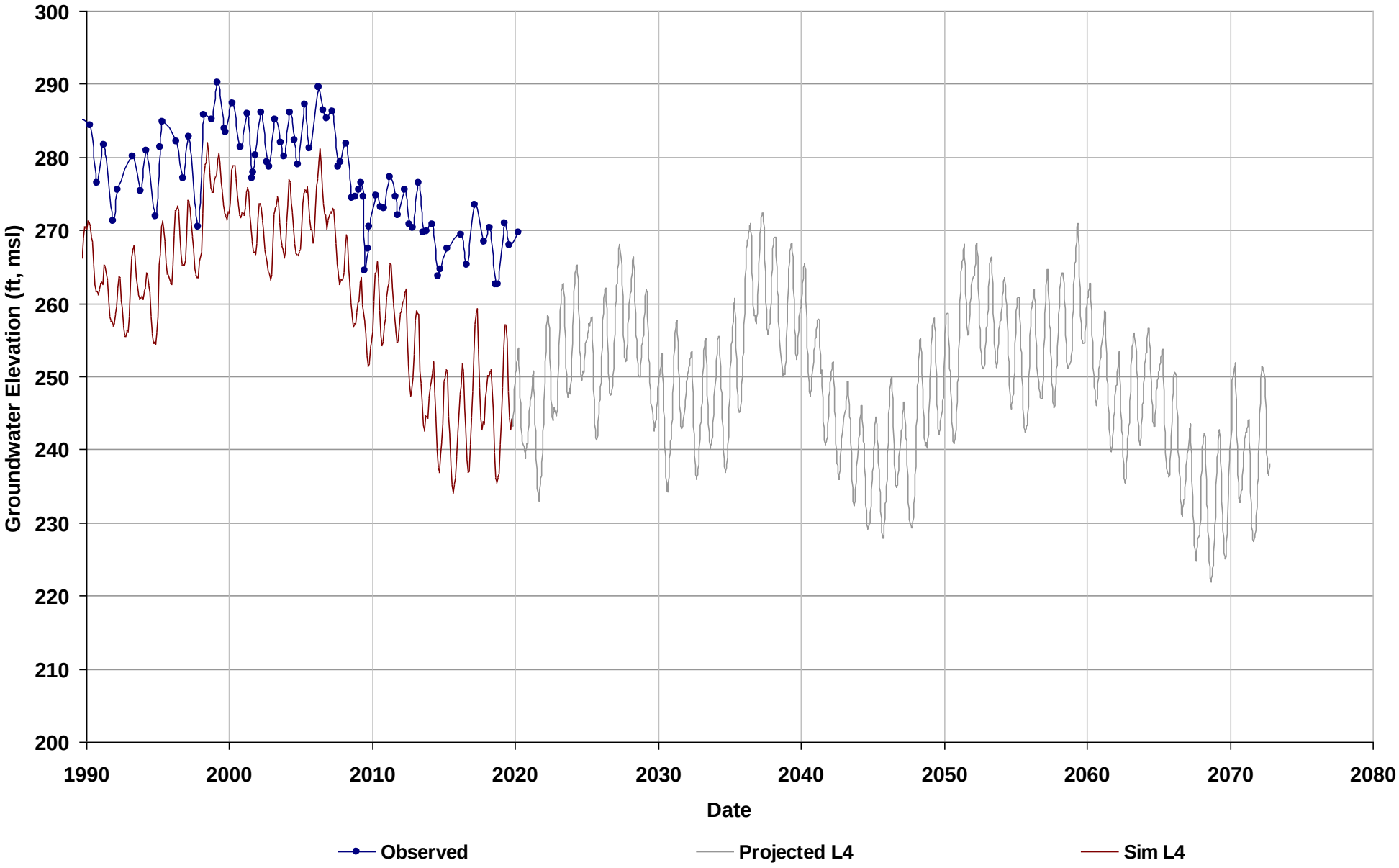
Total Depth (ft): 180
Perf Top (ft): 160
Perf Bottom (ft): 180
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

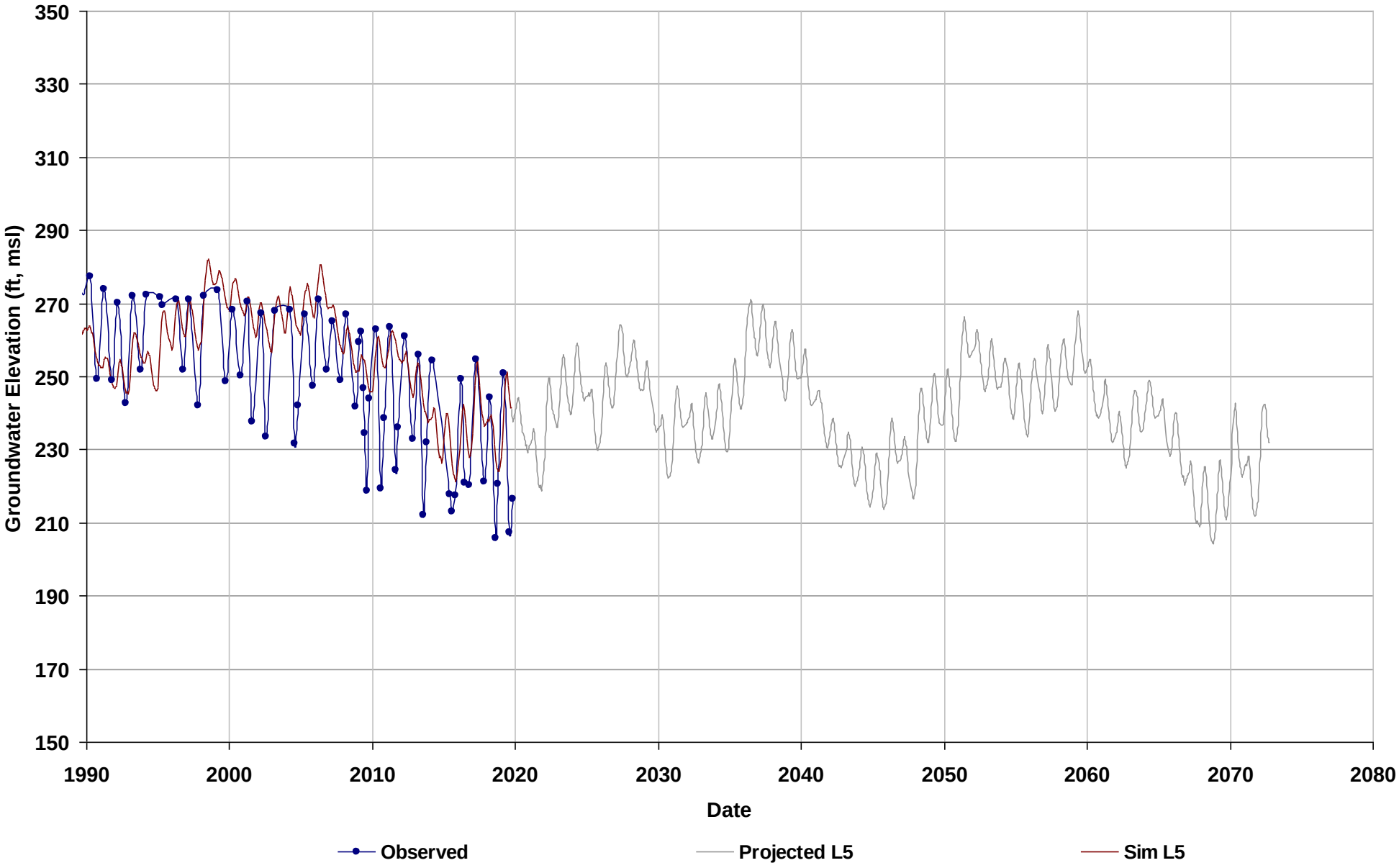
Well Name: 26N04W25J001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 333

Total Depth (ft): 128
Perf Top (ft): 116
Perf Bottom (ft): 124
Top Model Layer: 4
Bottom Model Layer: 4



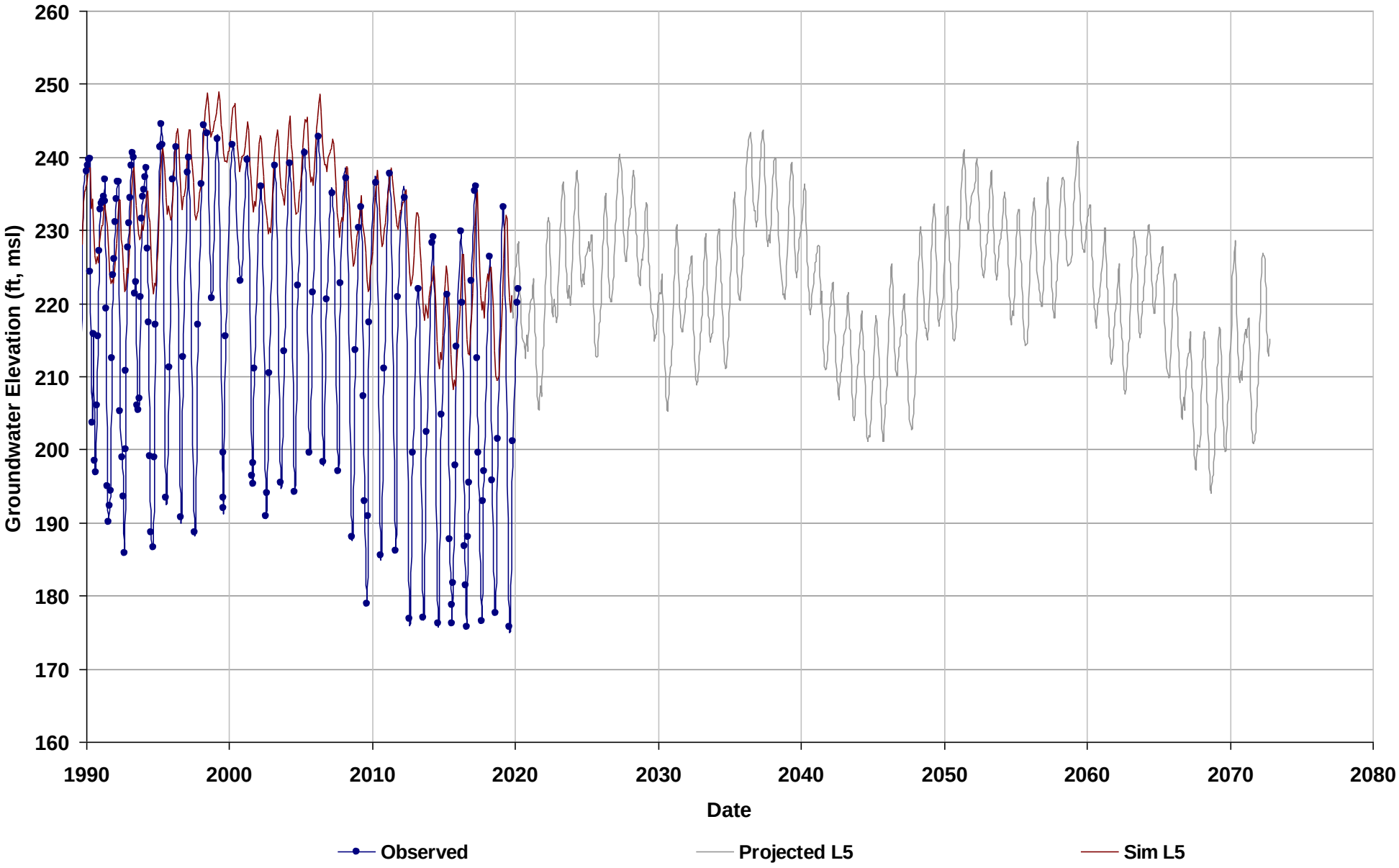
Well Name: 25N03W19N001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 327

Total Depth (ft): 370
Perf Top (ft): 135
Perf Bottom (ft): 358
Top Model Layer: 5
Bottom Model Layer: 5



Well Name: 25N03W10L001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 276

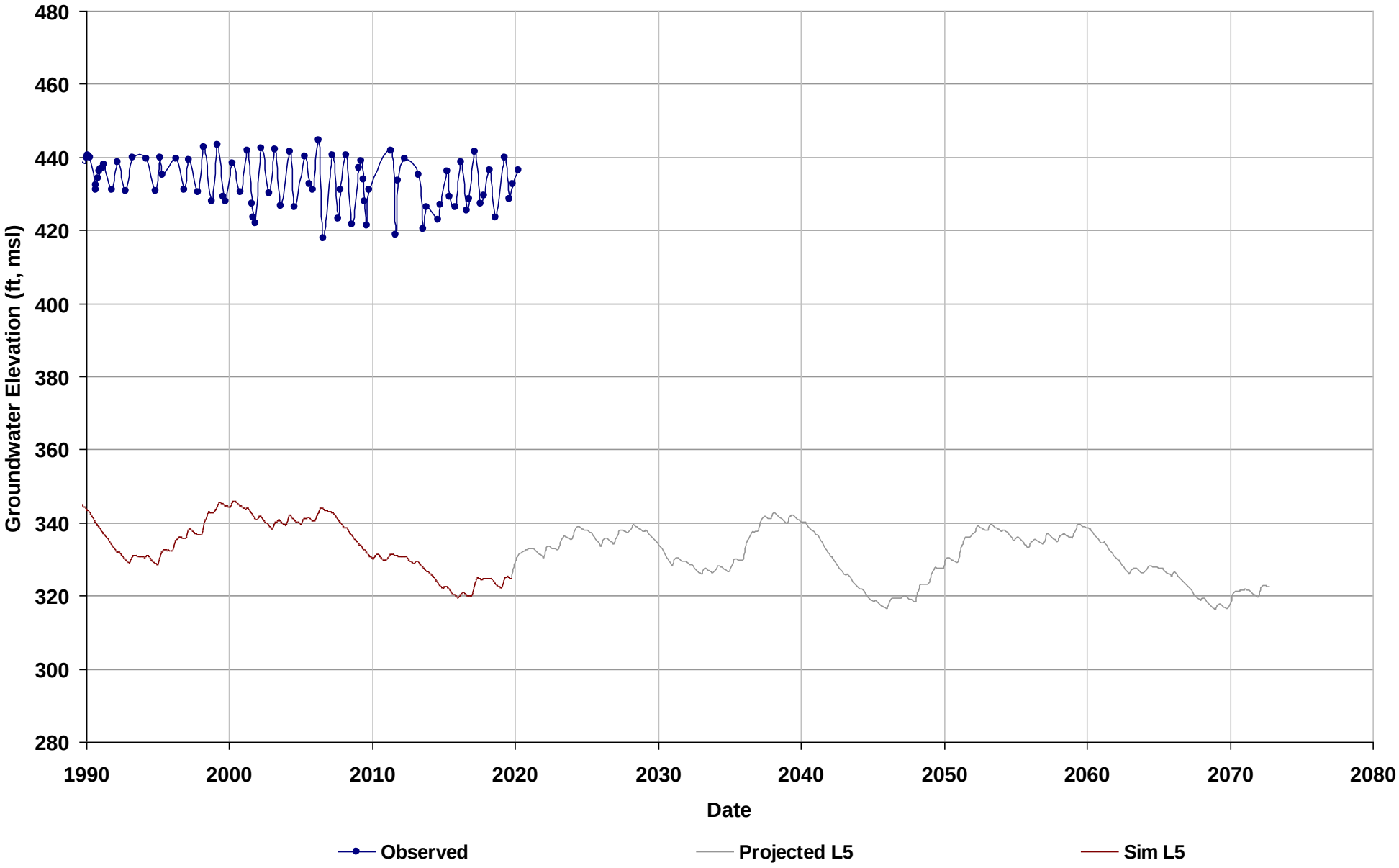
Total Depth (ft): 400
Perf Top (ft): 251
Perf Bottom (ft): 400
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 27N04W05G002M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 482

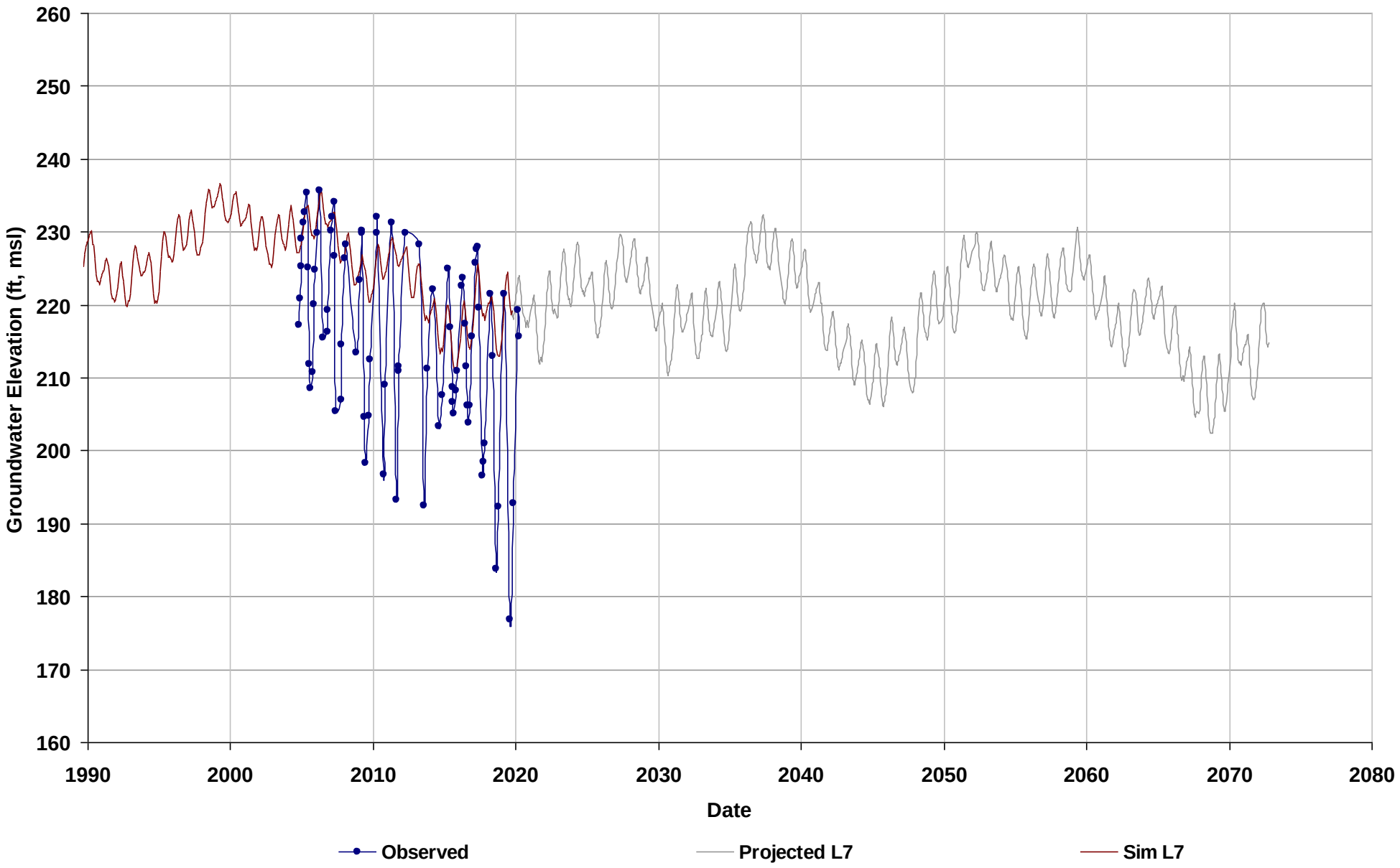
Total Depth (ft): 260
Perf Top (ft): 231
Perf Bottom (ft): 251
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

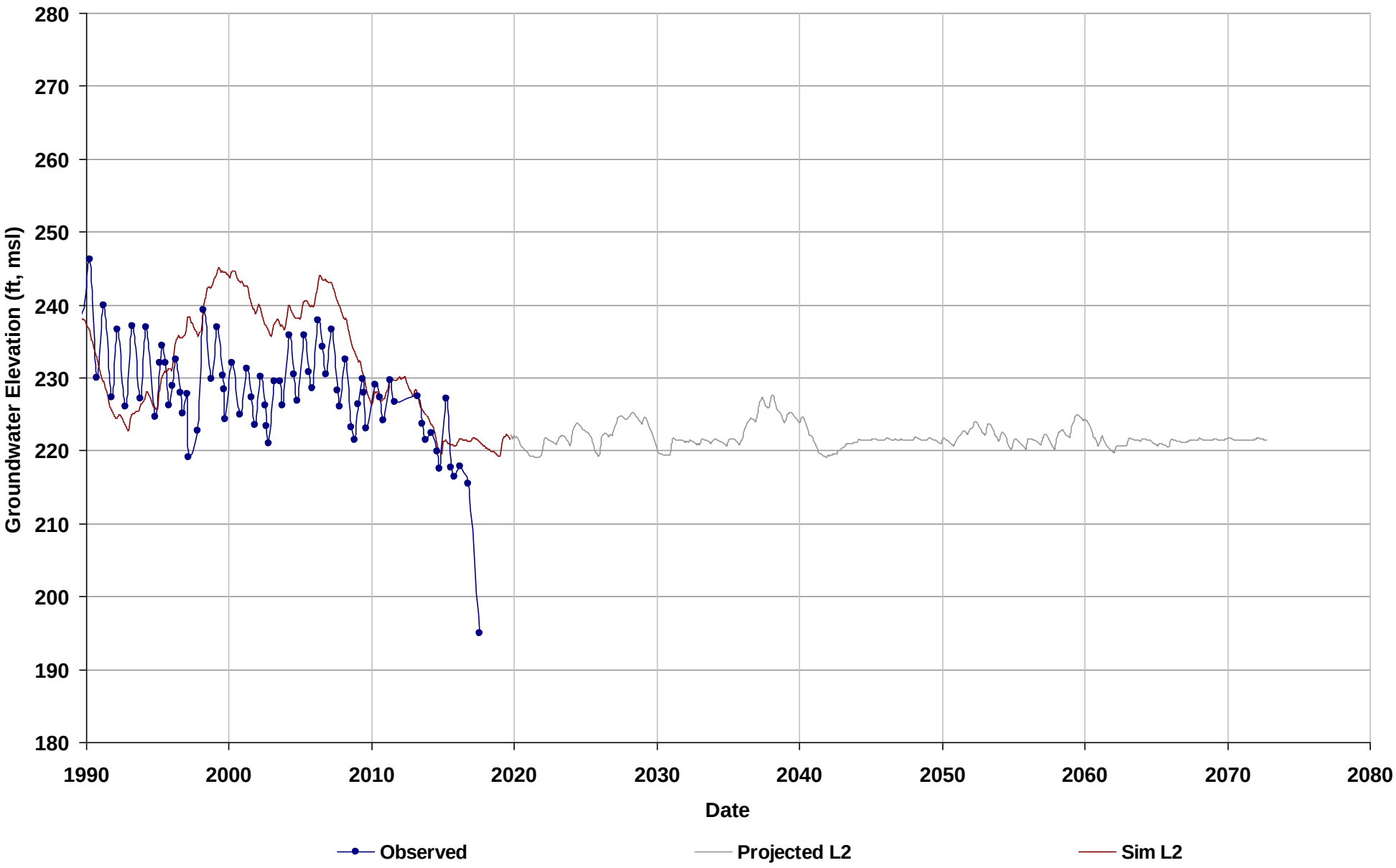
Well Name: 25N03W11B003M
Depth Zone: Lower
Subbasin: Red Bluff
GSE (ft, msl): 252

Total Depth (ft): 1000
Perf Top (ft): 940
Perf Bottom (ft): 960
Top Model Layer: 7
Bottom Model Layer: 7



Well Name: 23N03W05G001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 279

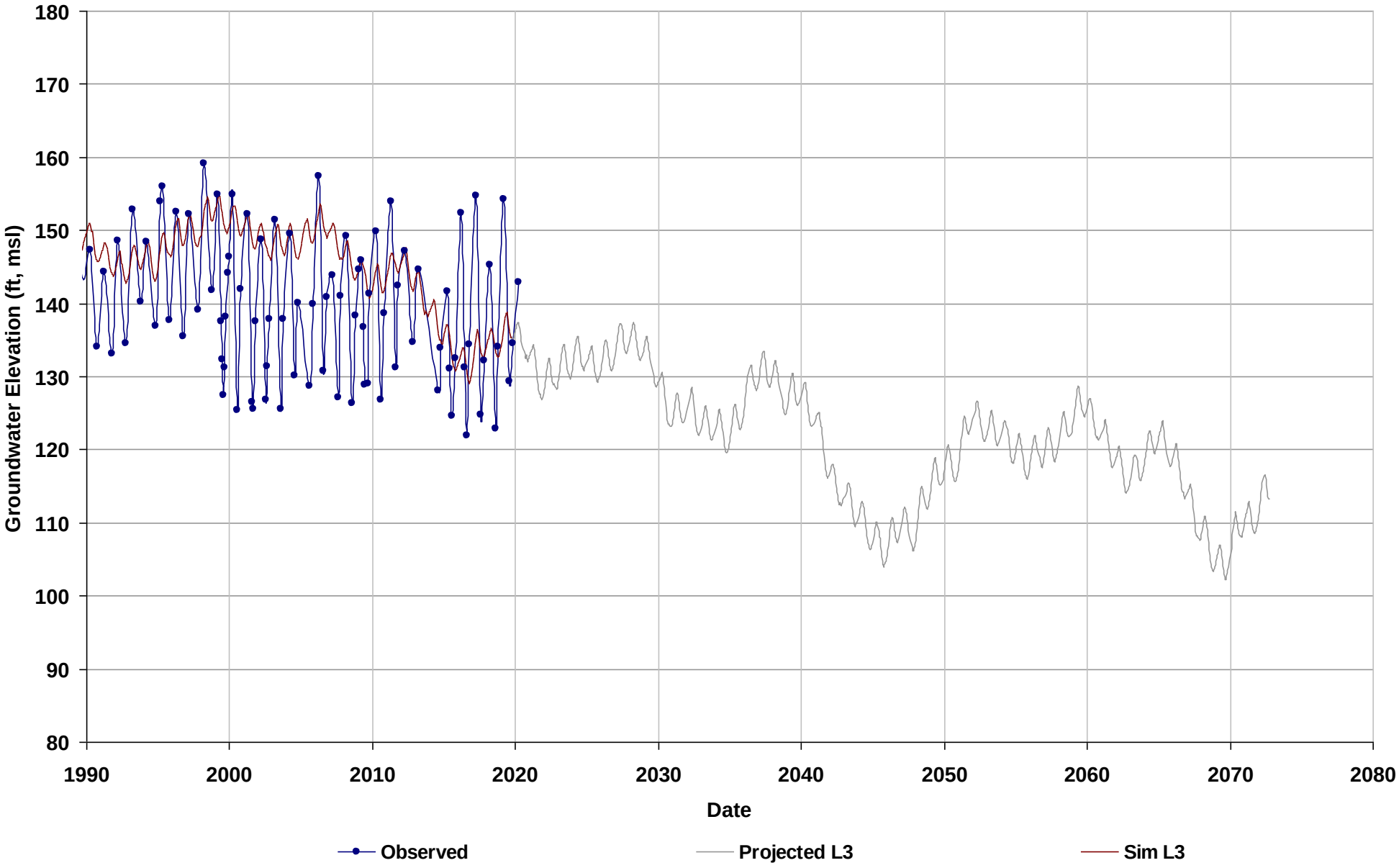
Total Depth (ft): 70
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 23N02W34A001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 172

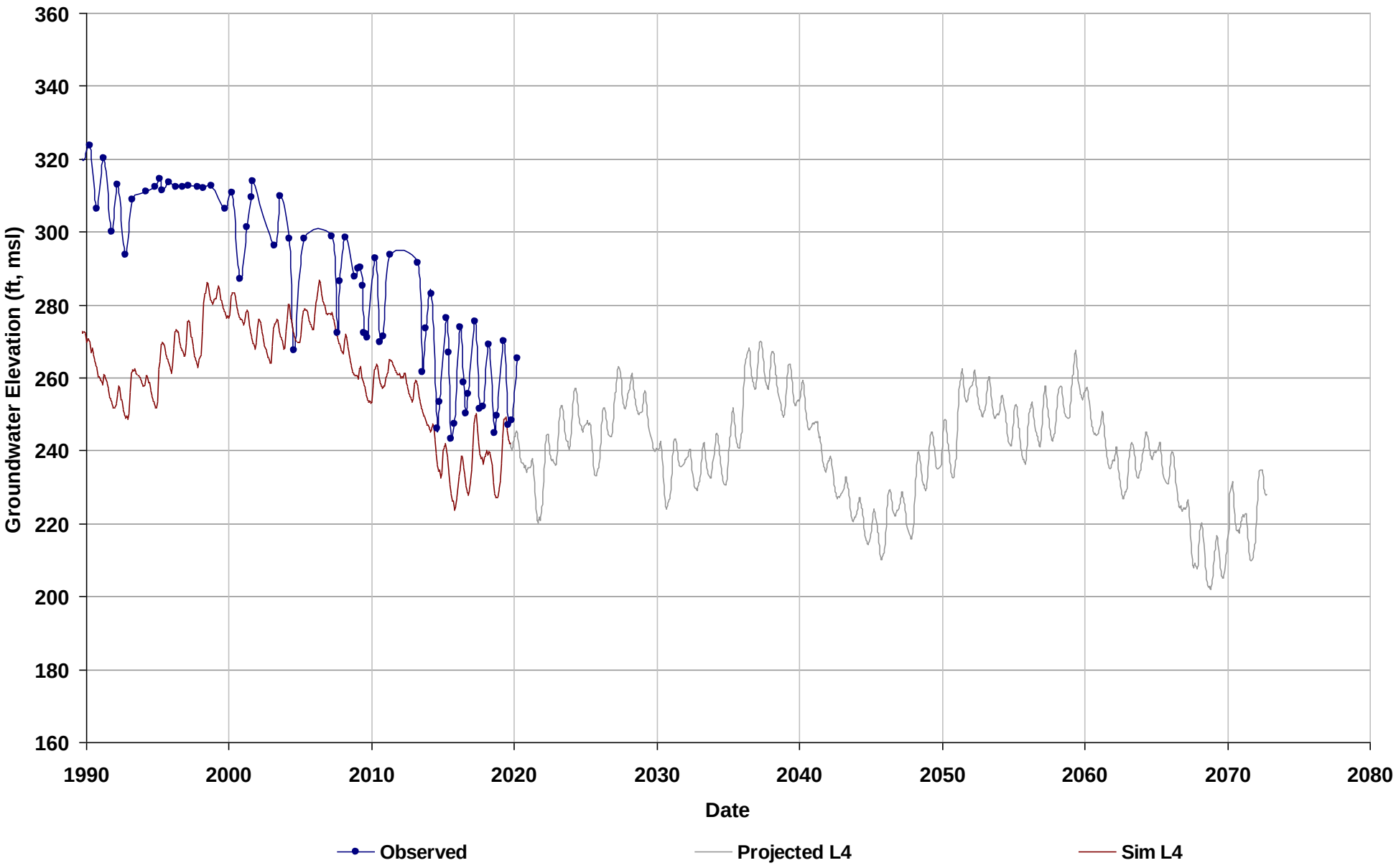
Total Depth (ft): 130
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 24N04W14N002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 375

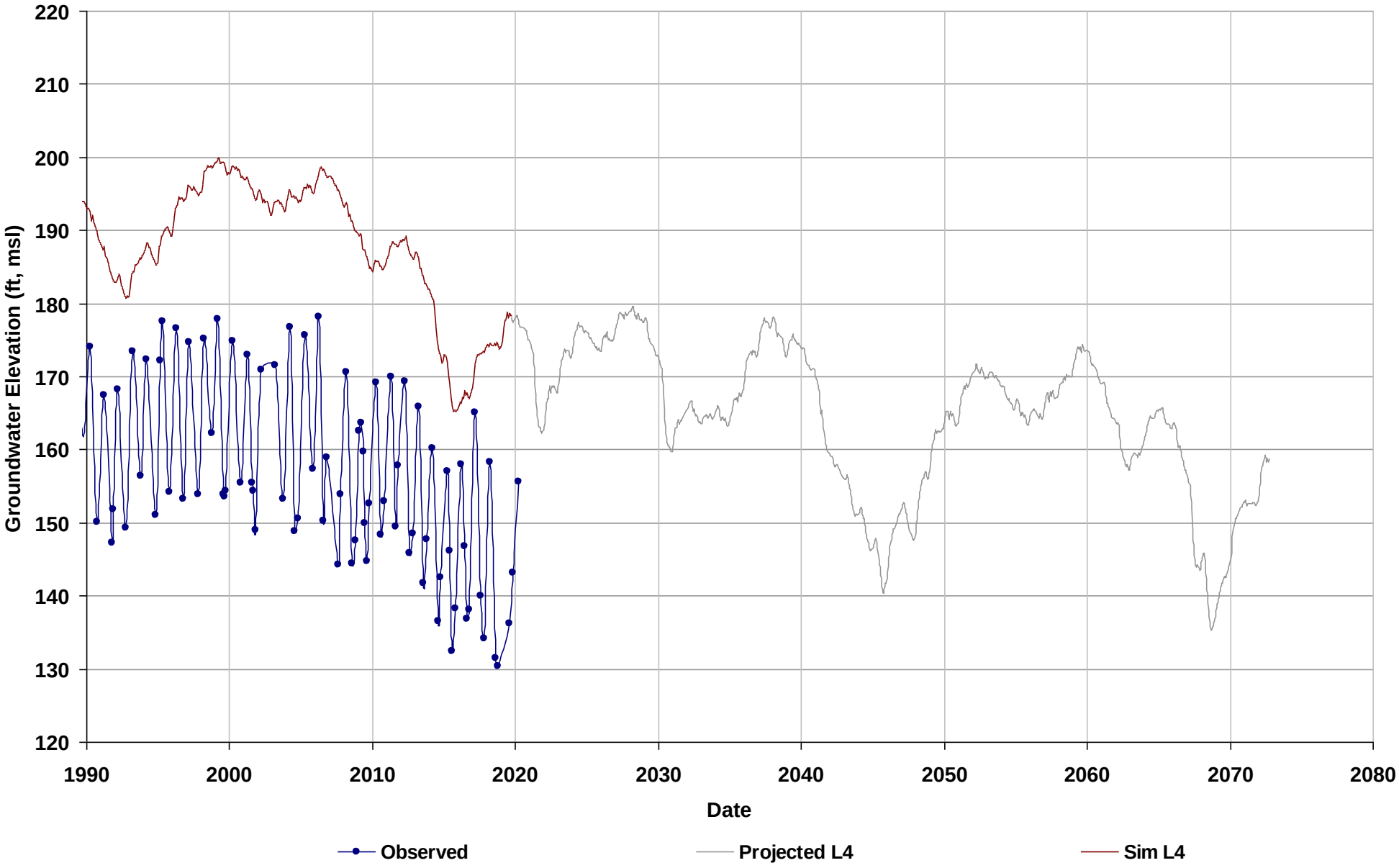
Total Depth (ft): 180
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 23N03W24A002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 207

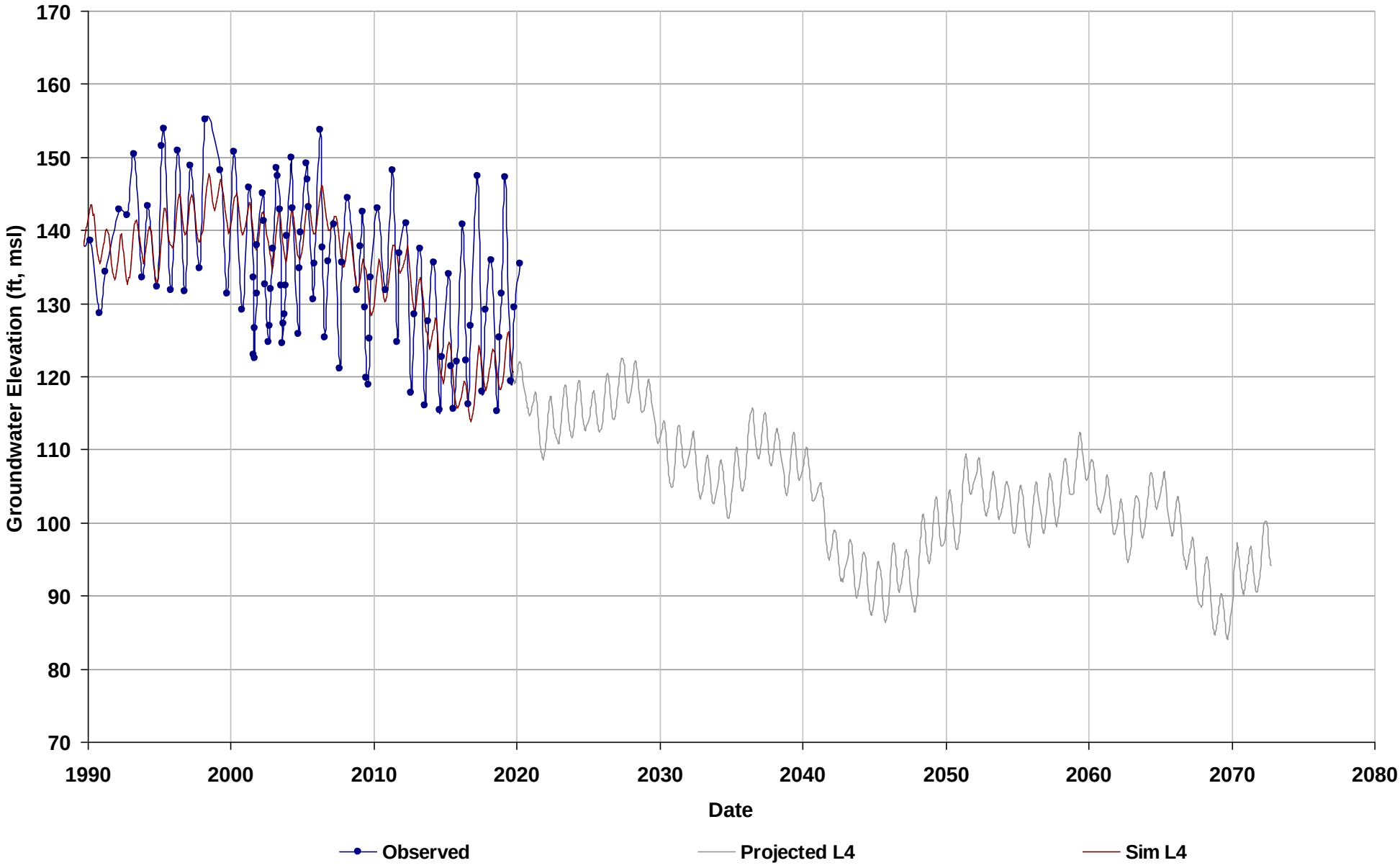
Total Depth (ft): 200
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 22N02W11Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 166

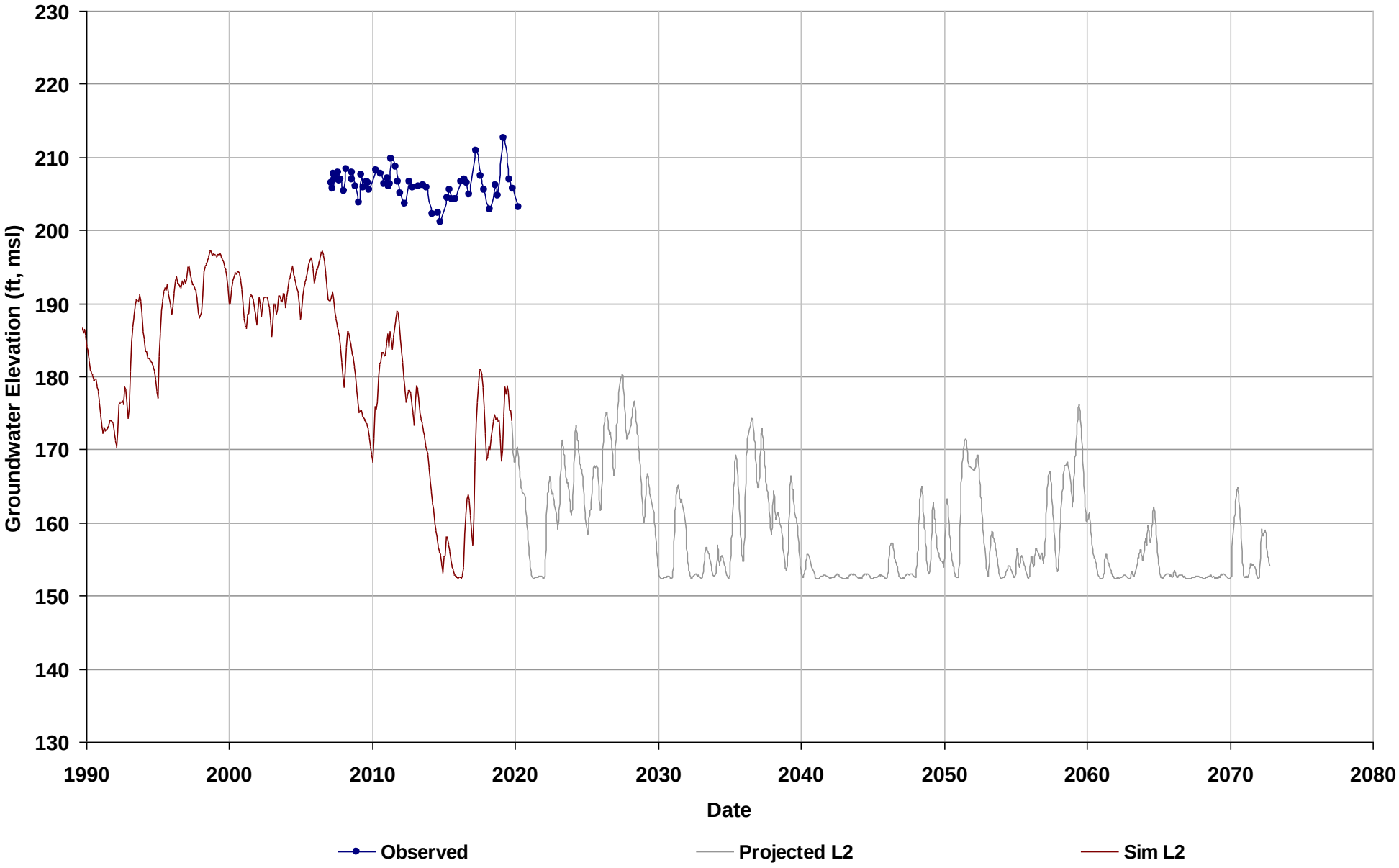
Total Depth (ft):
Perf Top (ft): 12
Perf Bottom (ft): 239
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 22N02W18C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

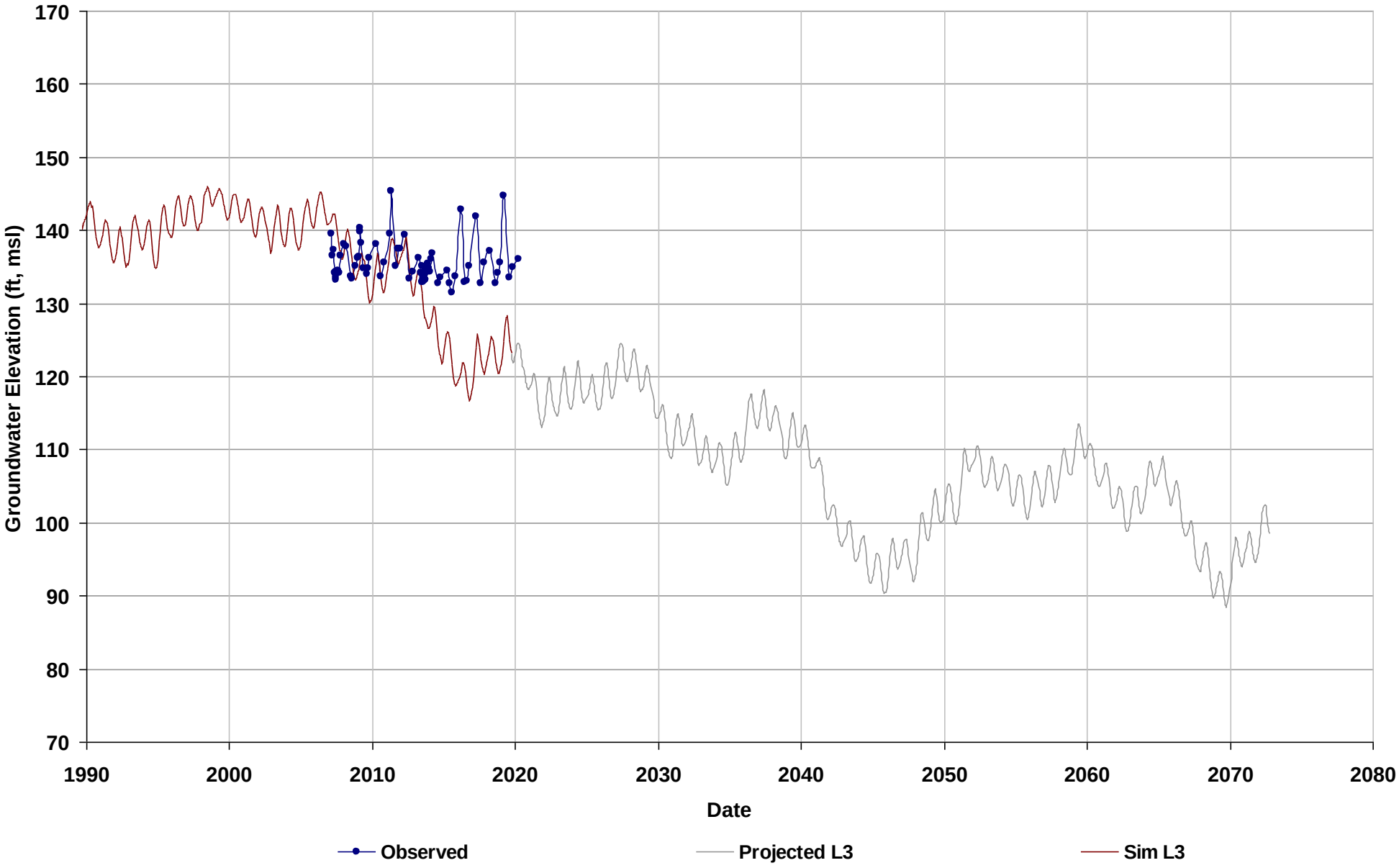
Total Depth (ft): 90
Perf Top (ft): 55
Perf Bottom (ft): 65
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 22N02W01N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

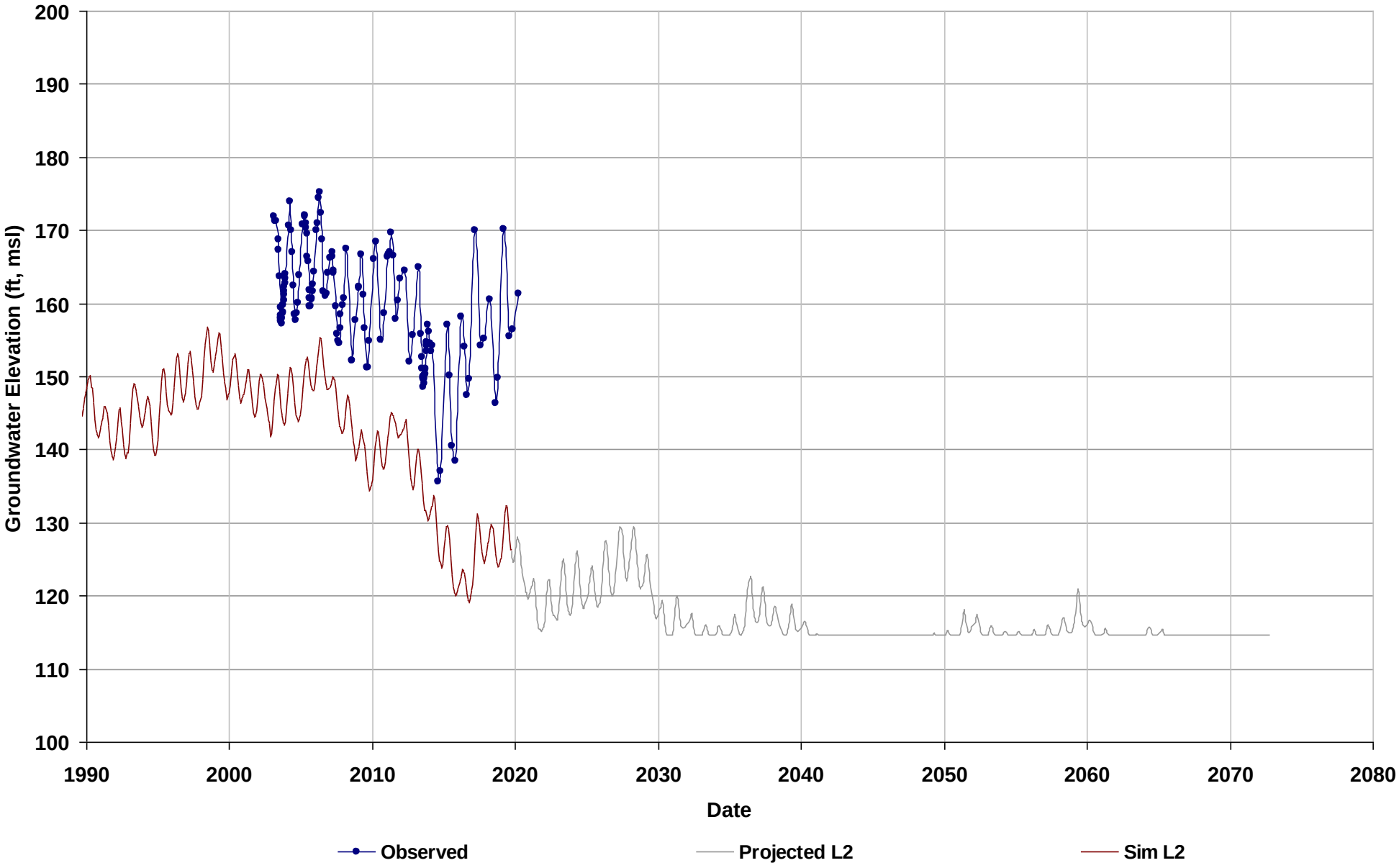
Total Depth (ft): 108
Perf Top (ft): 70
Perf Bottom (ft): 80
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 22N02W15C005M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

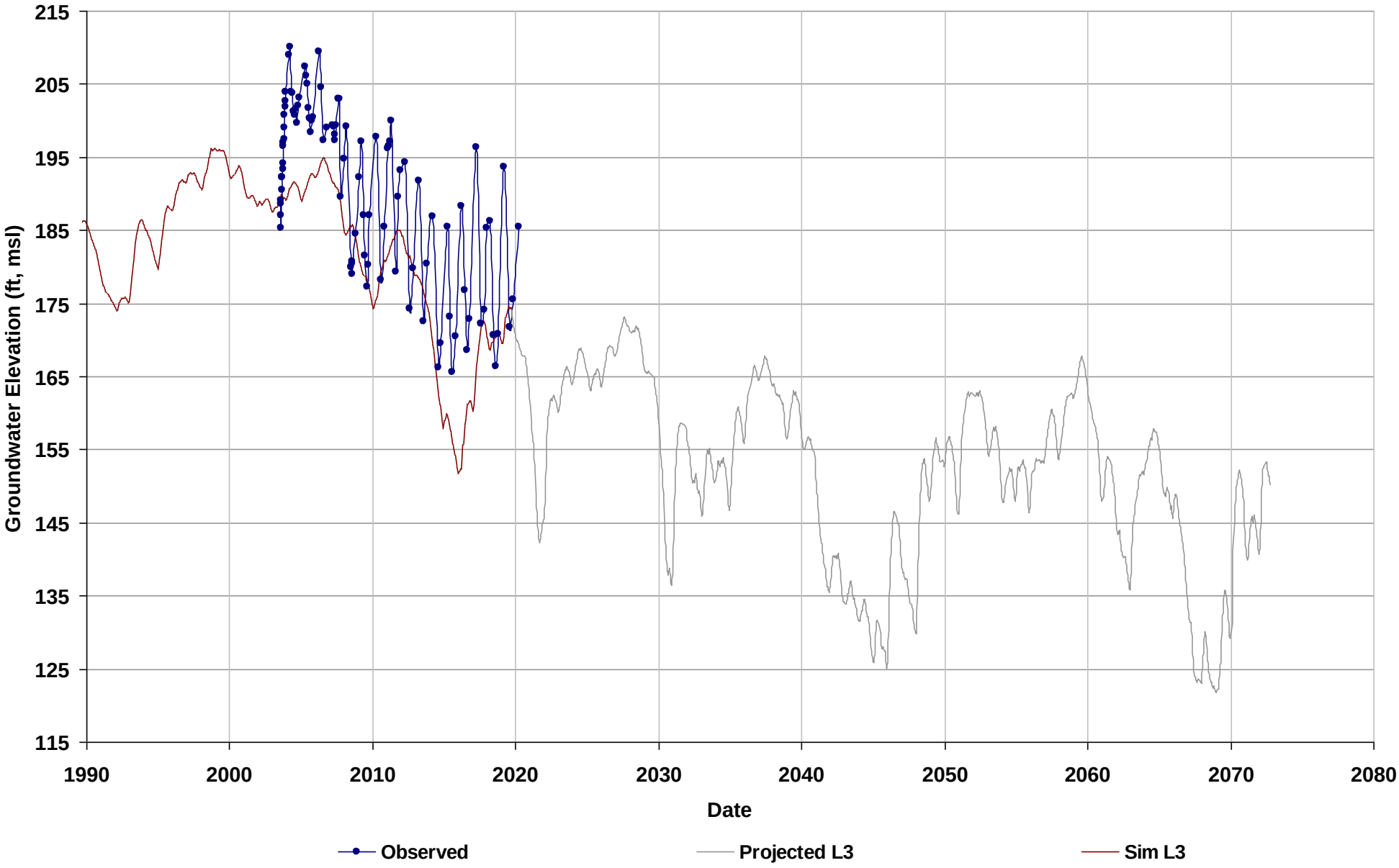
Total Depth (ft): 100
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 22N03W01R003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

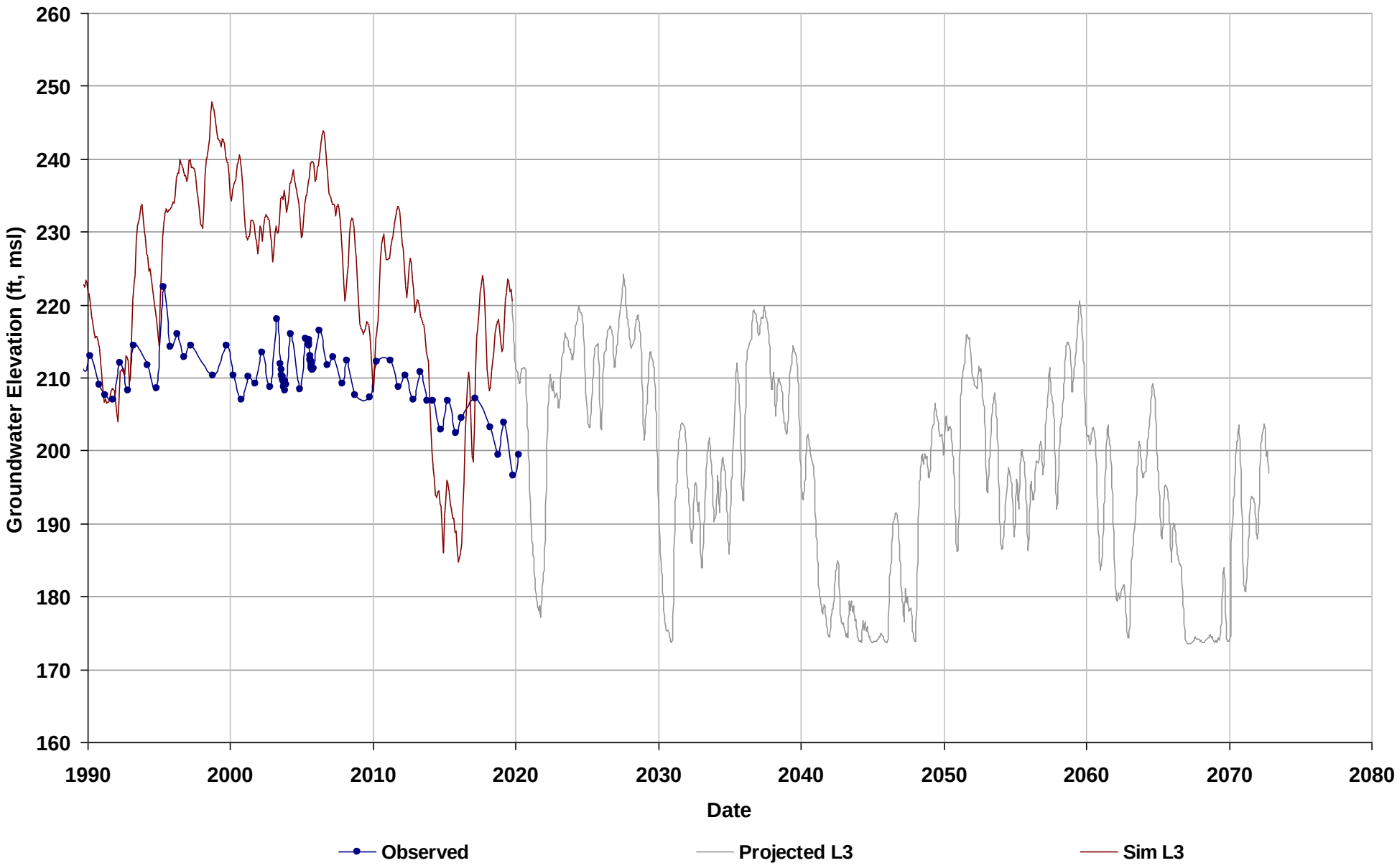
Total Depth (ft): 103
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 22N03W04E001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 285

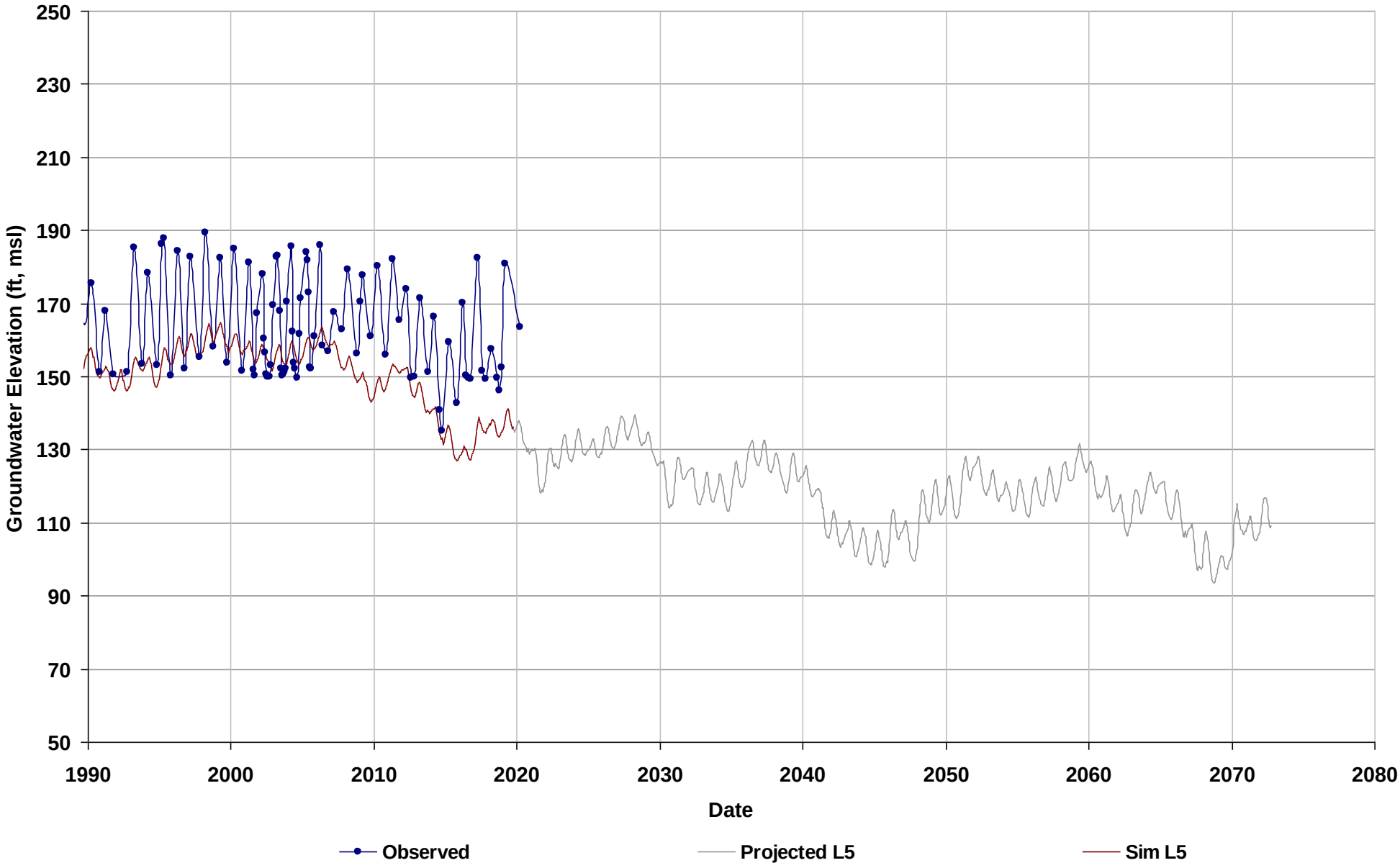
Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 180
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

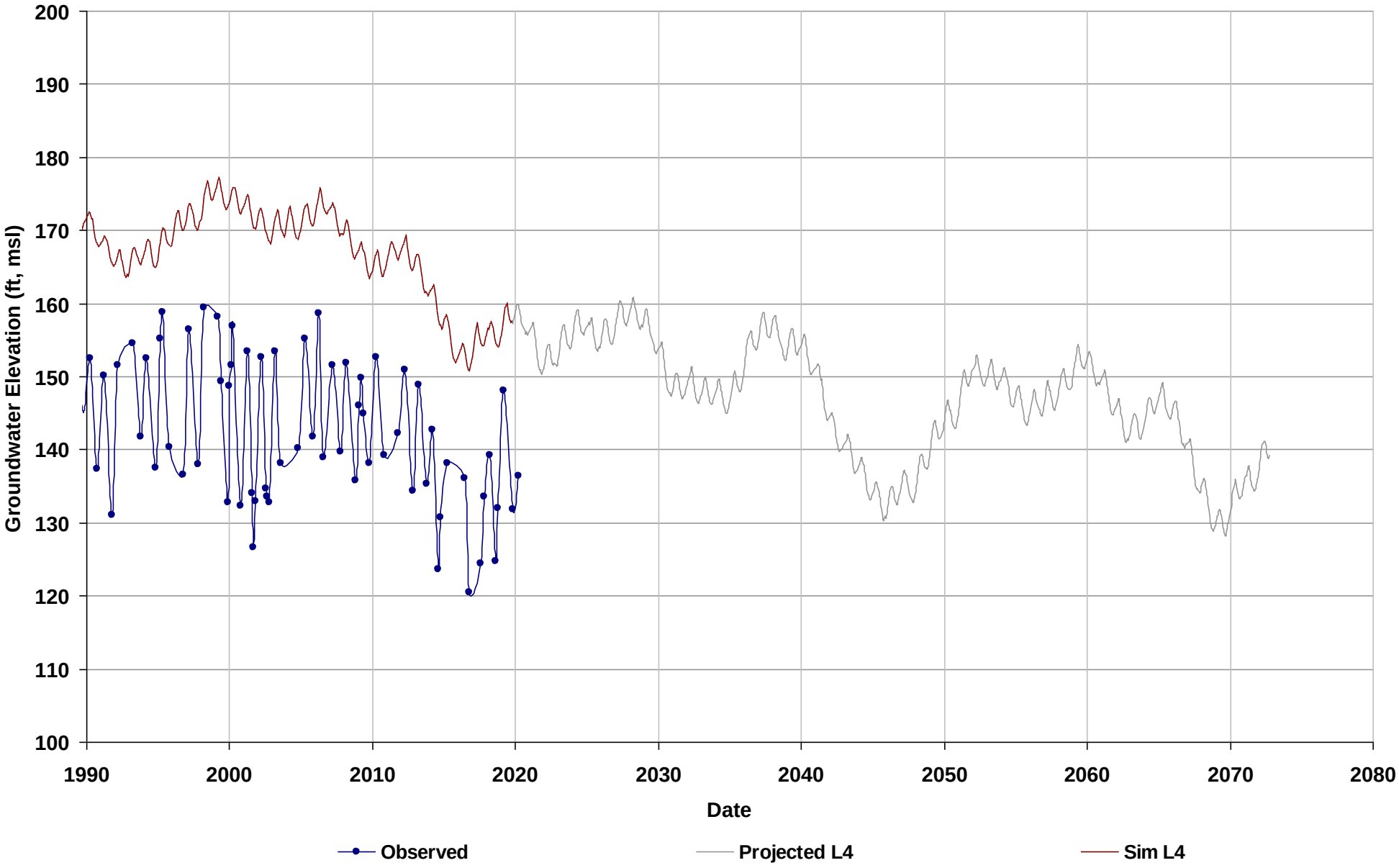
Well Name: 22N02W09L003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 197

Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 536
Top Model Layer: 5
Bottom Model Layer: 5



Well Name: 23N02W16B001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 184

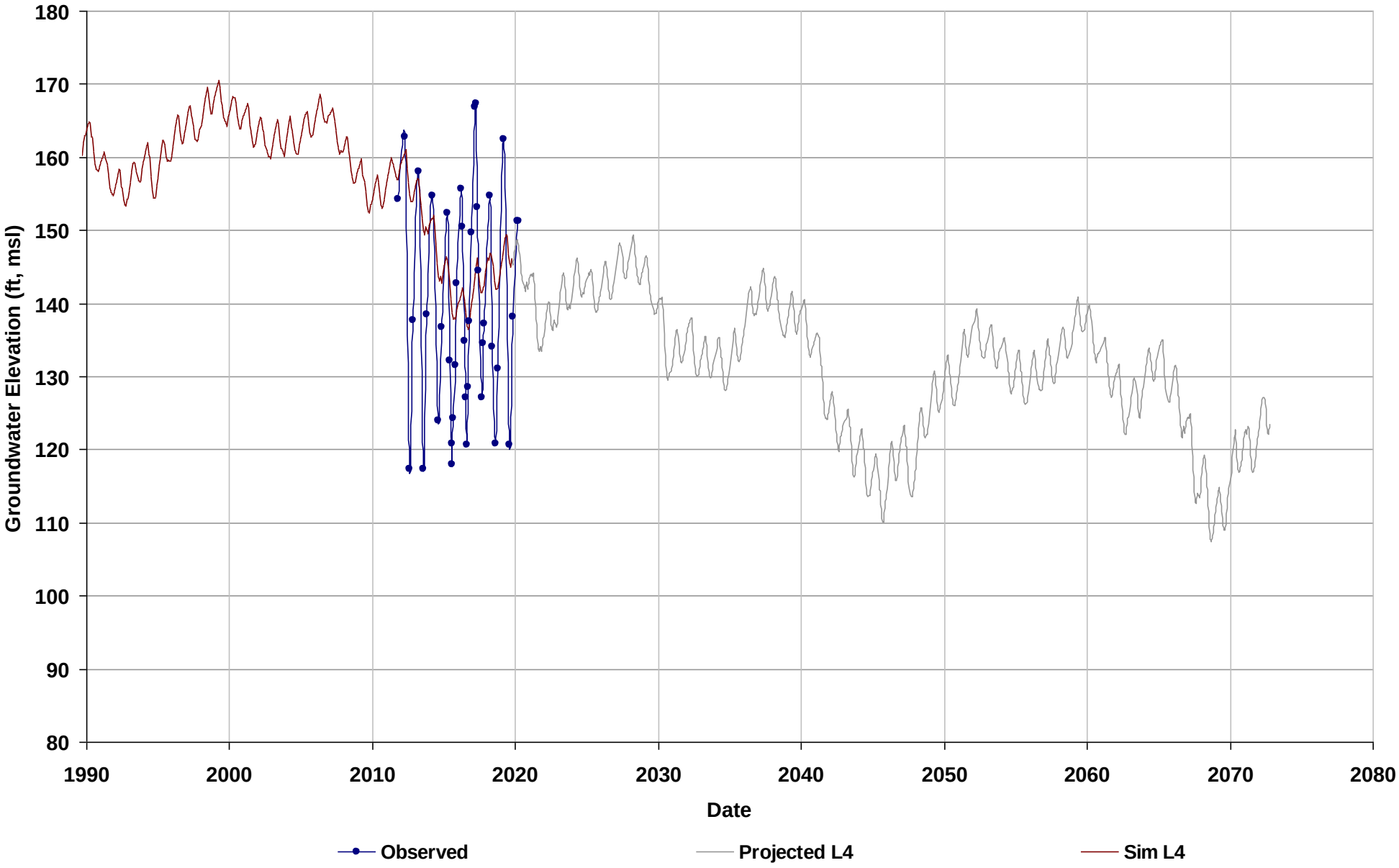
Total Depth (ft): 120
Perf Top (ft): 100
Perf Bottom (ft): 120
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 23N02W28N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 202

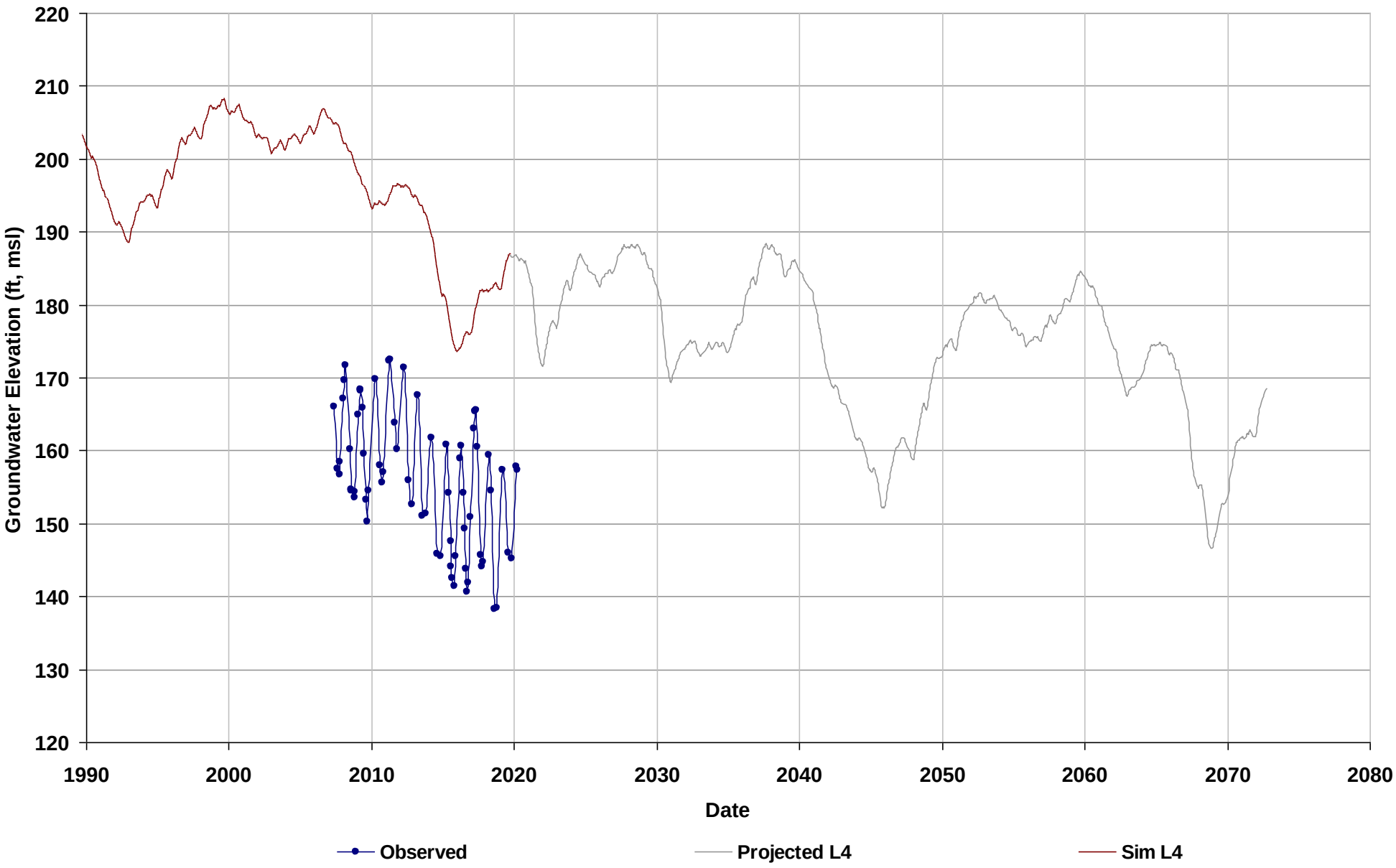
Total Depth (ft): 205
Perf Top (ft): 100
Perf Bottom (ft): 170
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 23N03W13C006M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 213

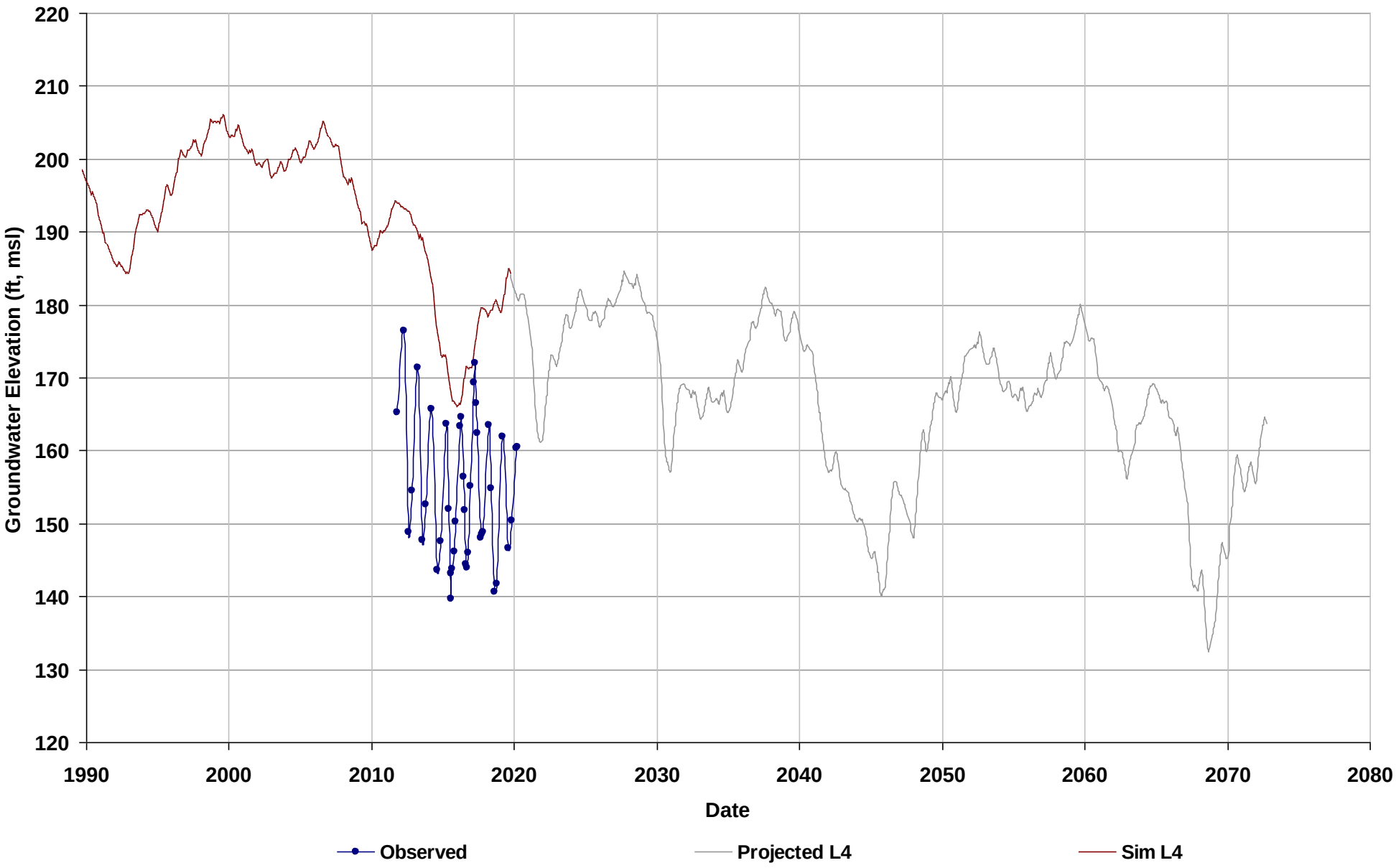
Total Depth (ft): 182
Perf Top (ft): 95
Perf Bottom (ft): 135
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 23N03W25M004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 235

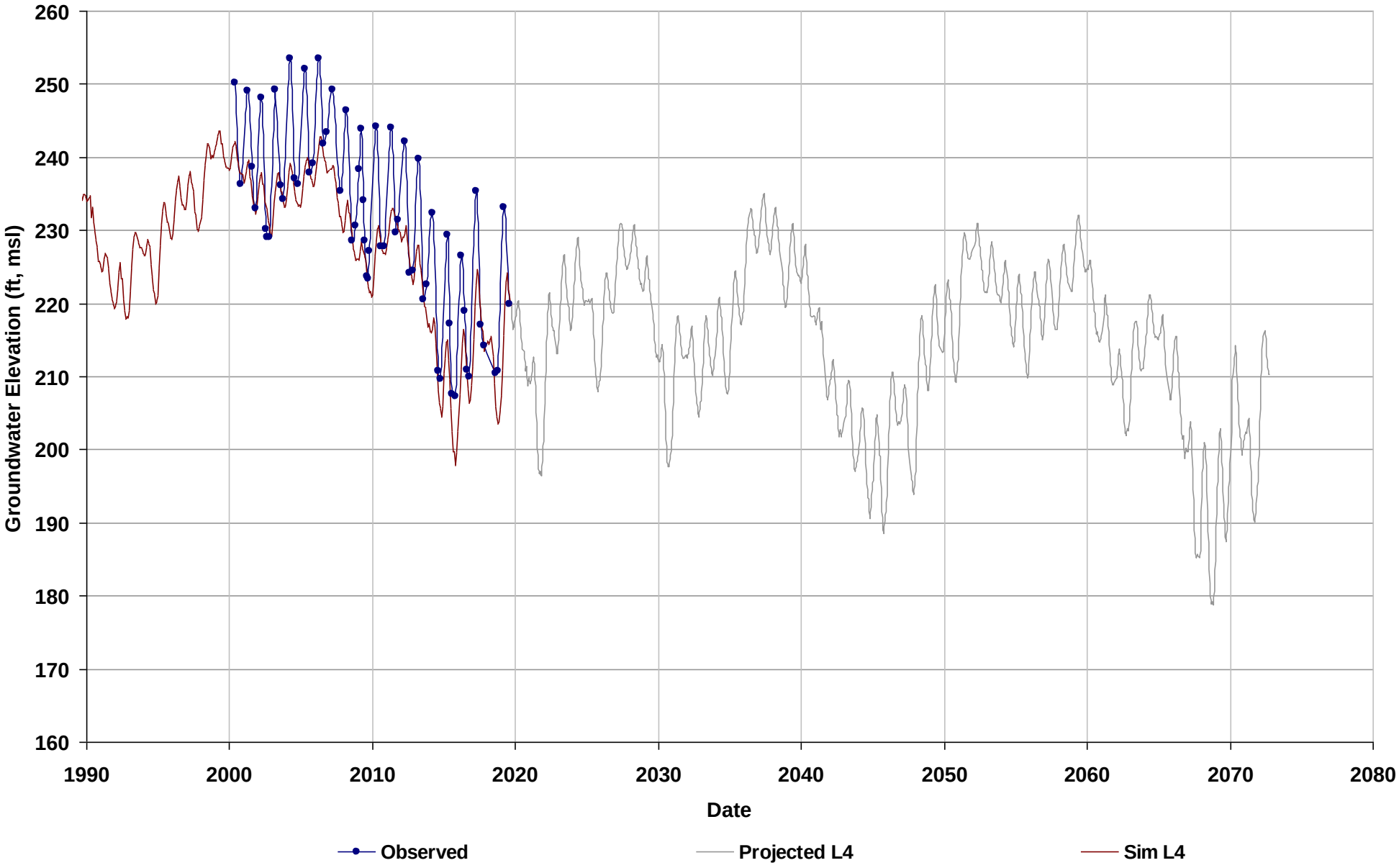
Total Depth (ft): 155
Perf Top (ft): 120
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 24N03W03R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 278

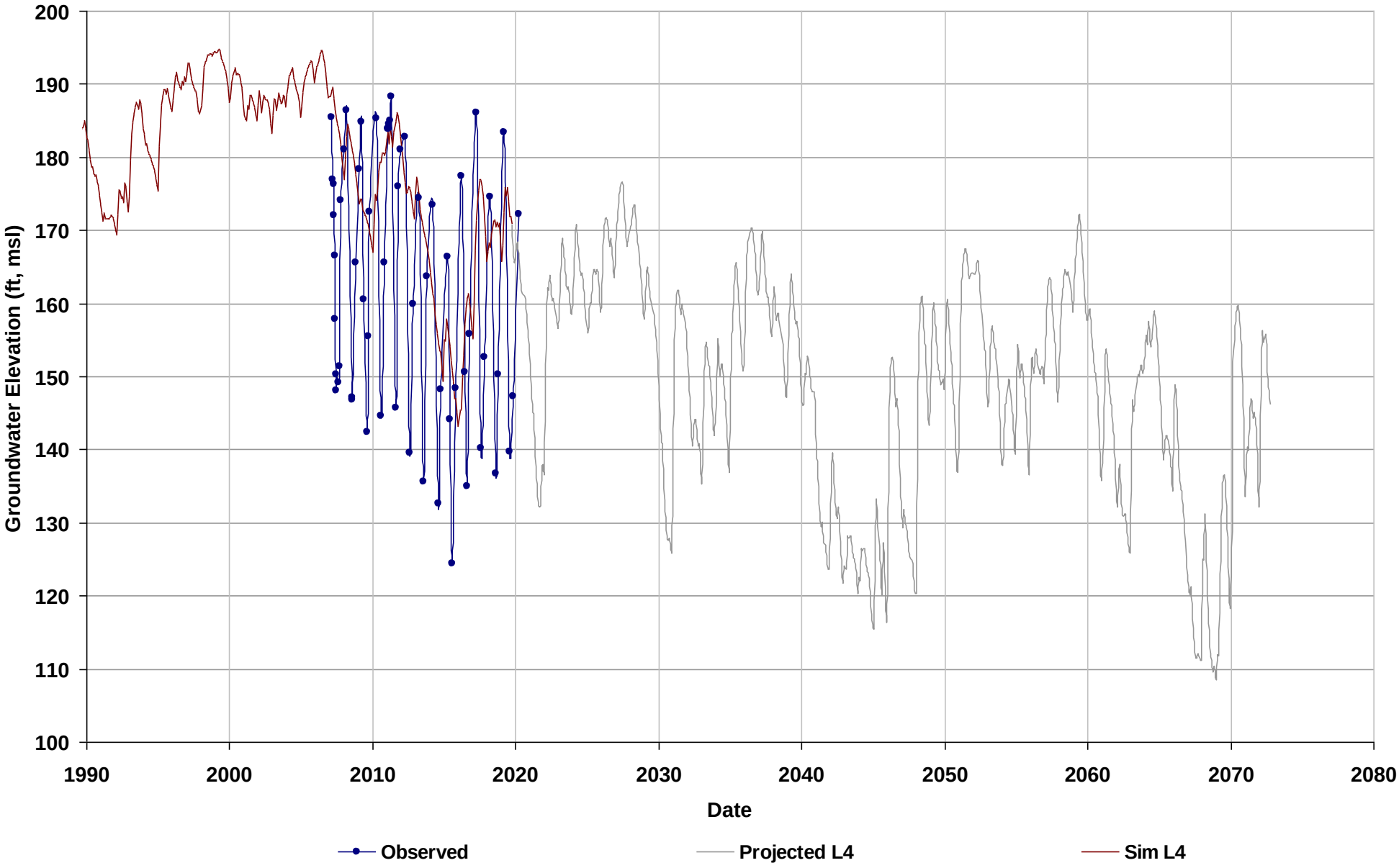
Total Depth (ft): 132
Perf Top (ft): 112
Perf Bottom (ft): 132
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 22N02W18C003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

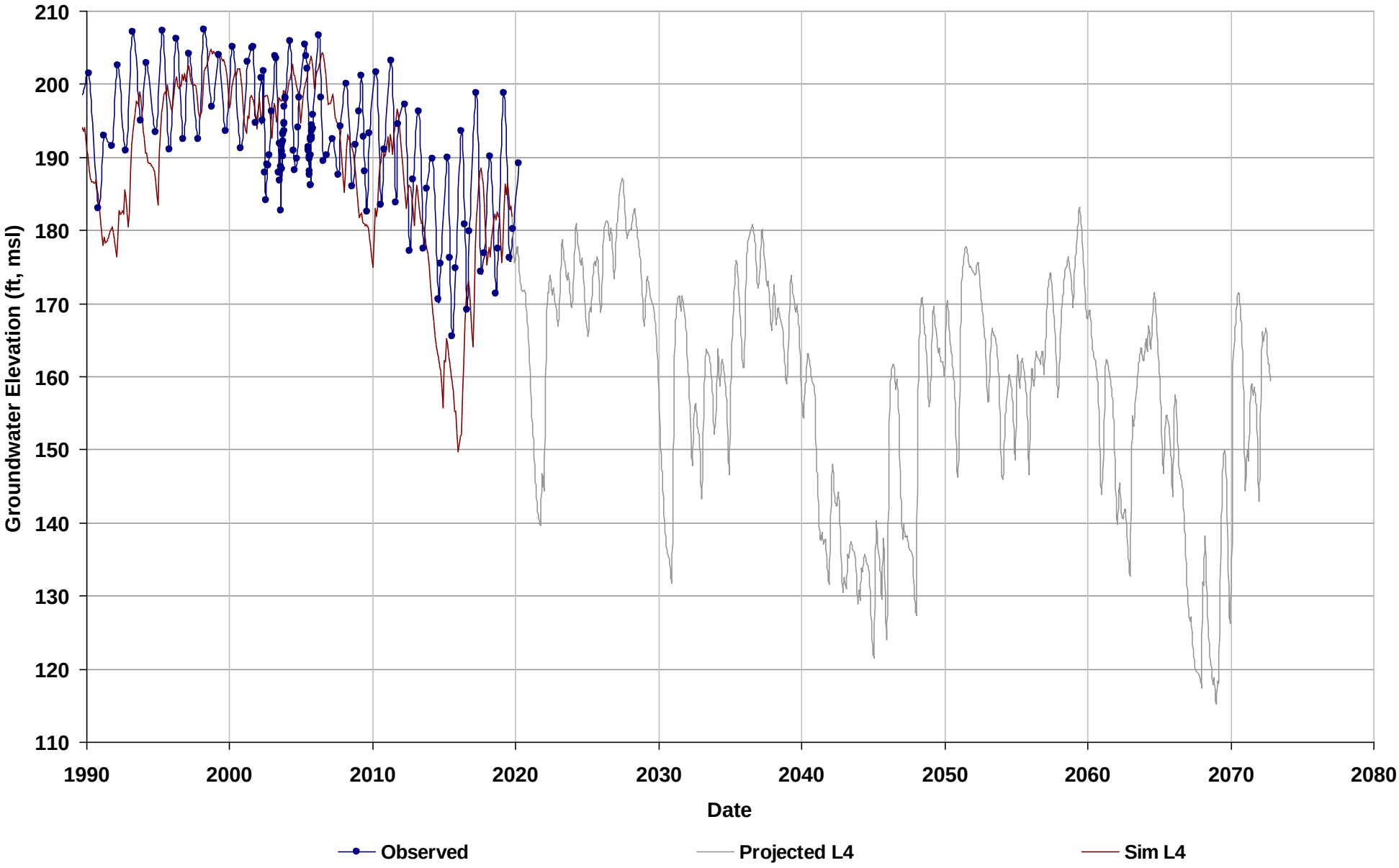
Total Depth (ft): 188
Perf Top (ft): 165
Perf Bottom (ft): 175
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

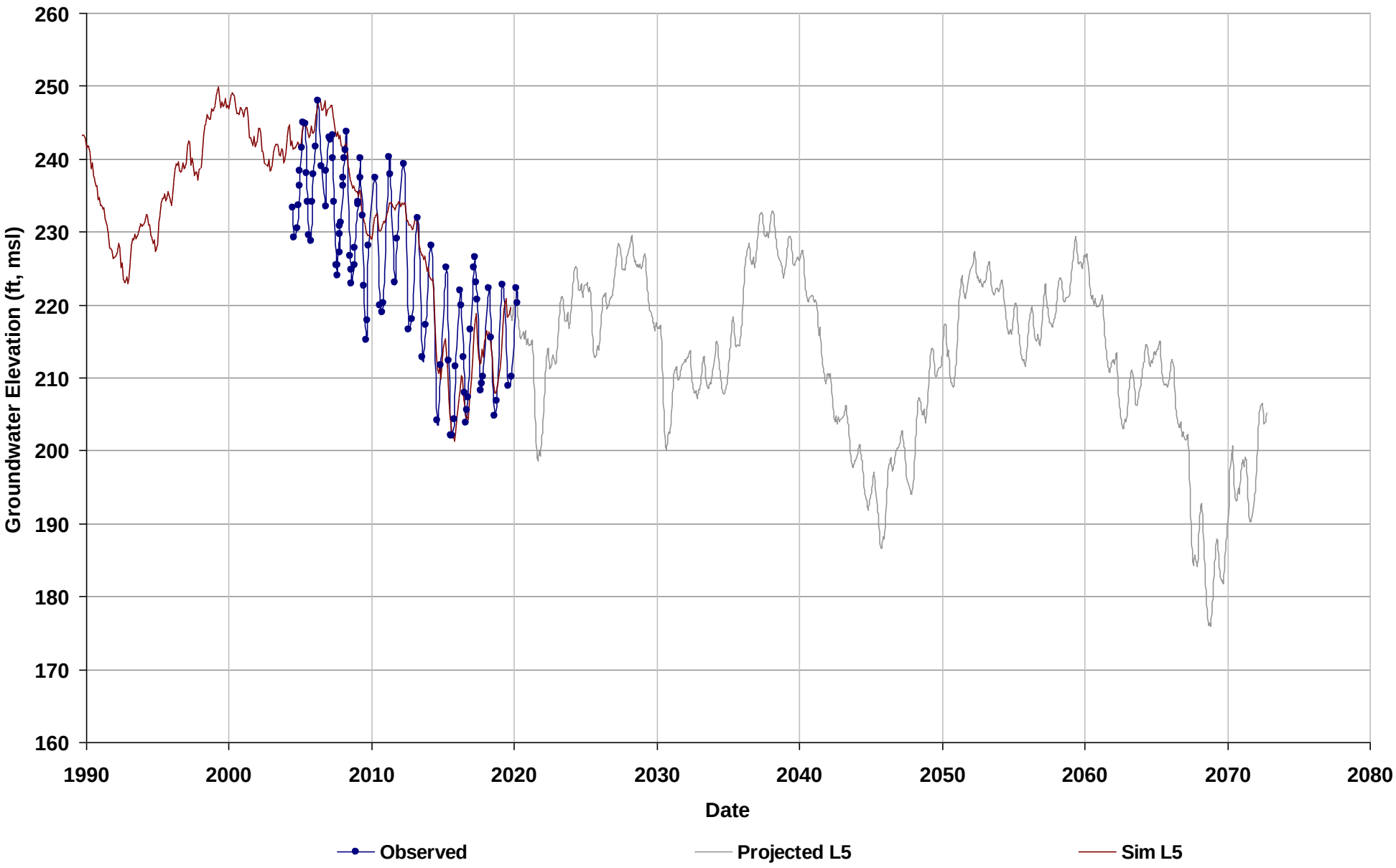
Well Name: 22N03W12Q003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 232

Total Depth (ft):
Perf Top (ft): 112
Perf Bottom (ft): 123
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 24N03W29Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 314

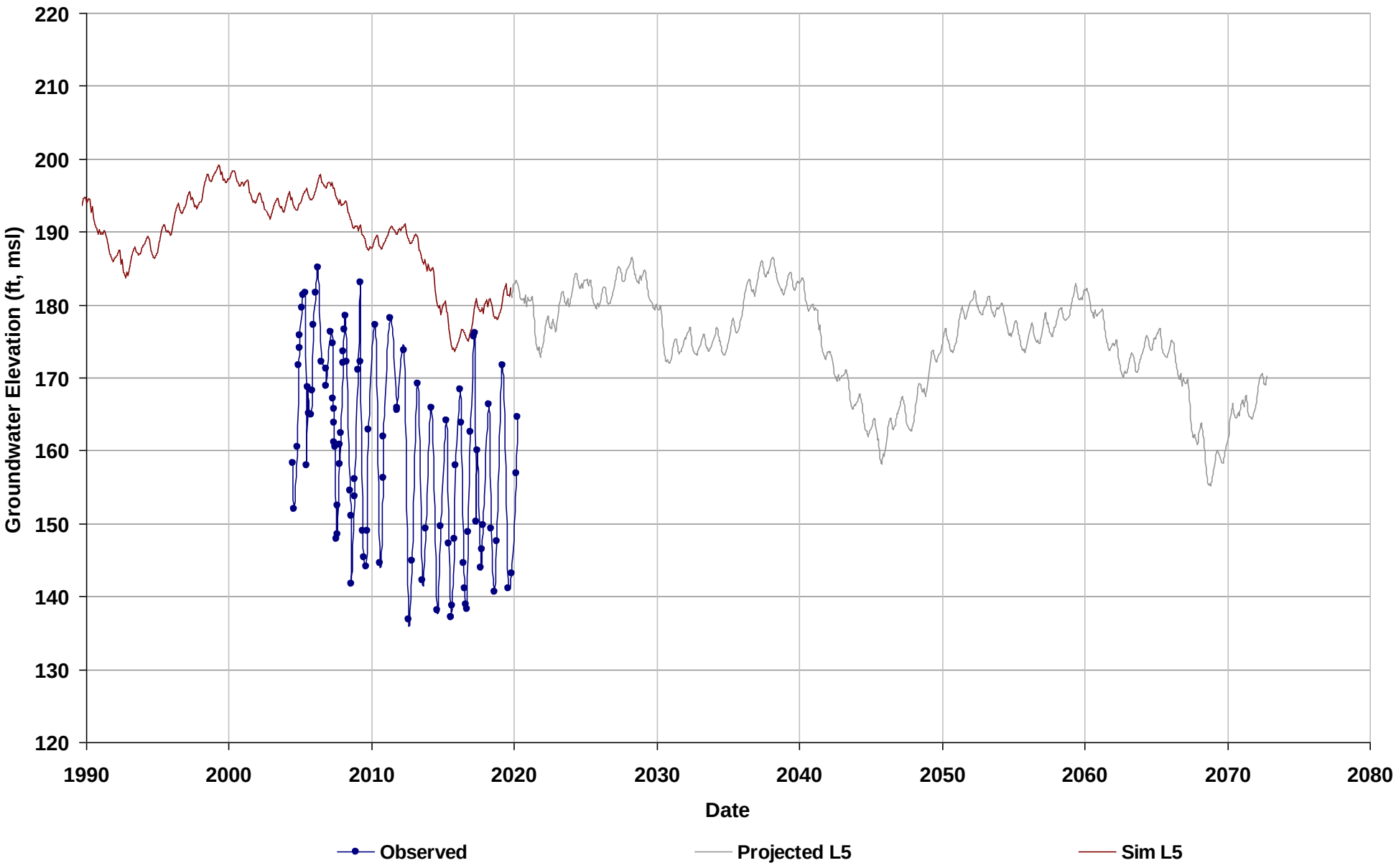
Total Depth (ft): 372
Perf Top (ft): 130
Perf Bottom (ft): 360
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 24N02W29N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 212

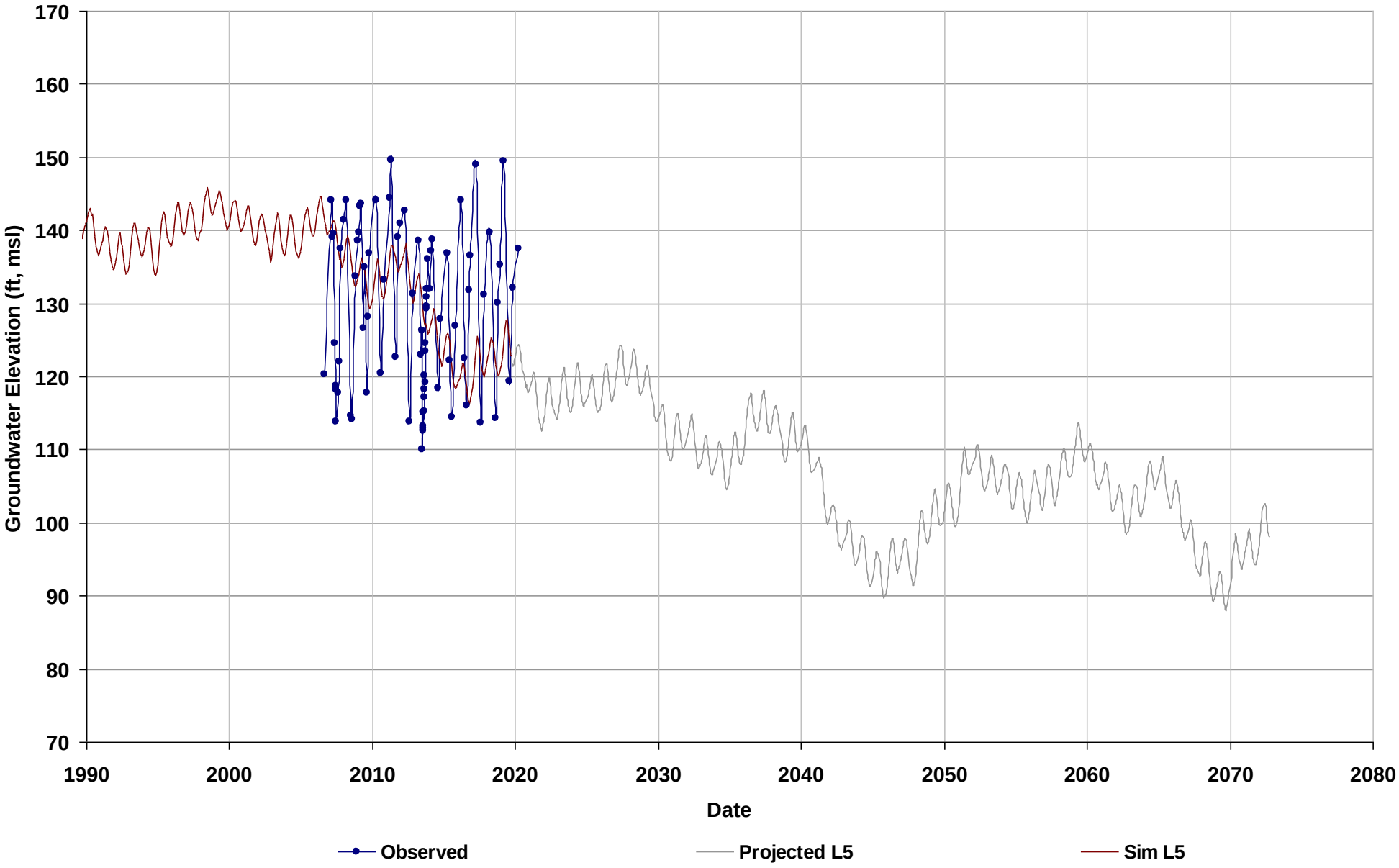
Total Depth (ft): 388
Perf Top (ft): 200
Perf Bottom (ft): 290
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 22N02W01N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

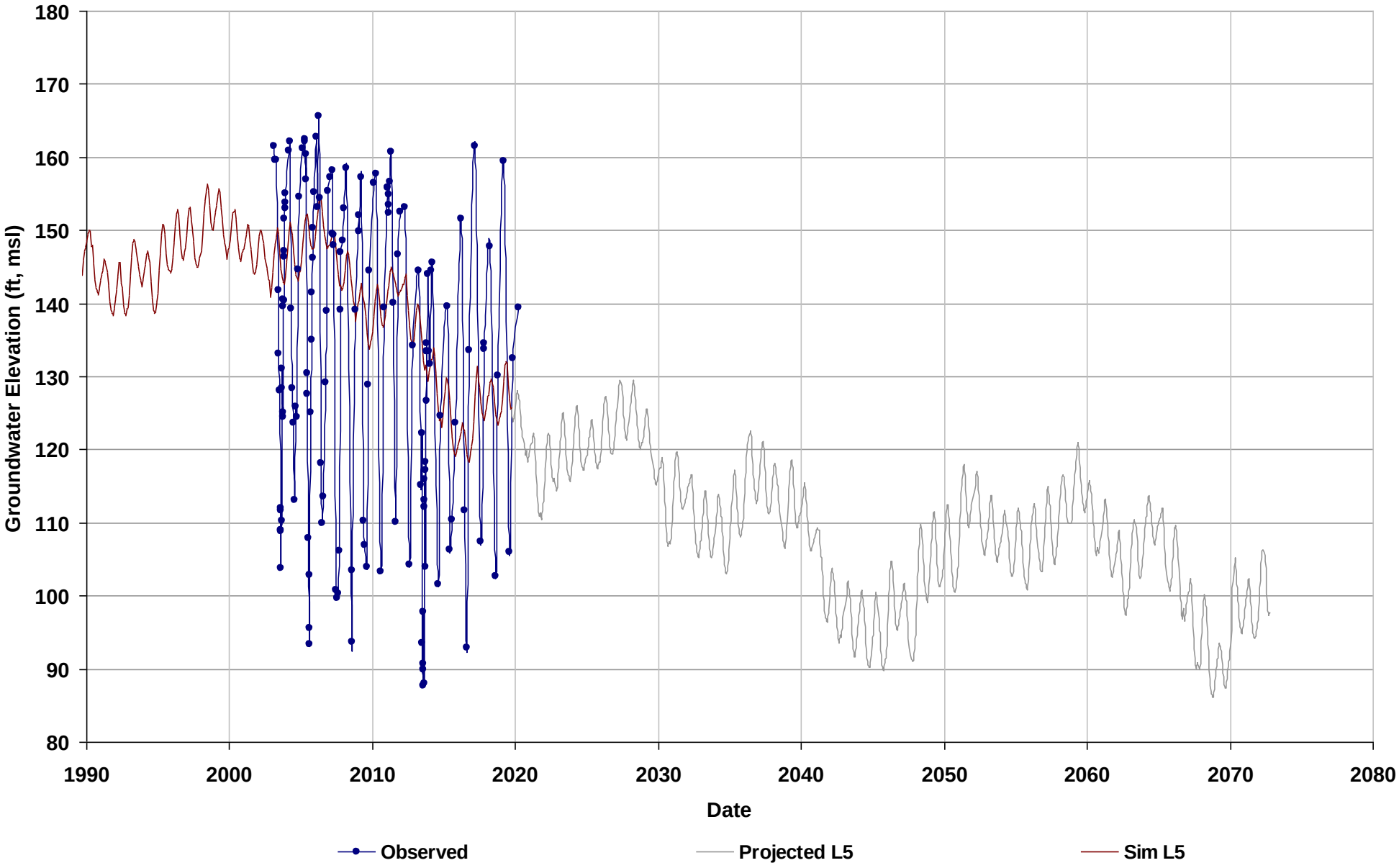
Total Depth (ft): 440
Perf Top (ft): 210
Perf Bottom (ft): 370
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 22N02W15C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

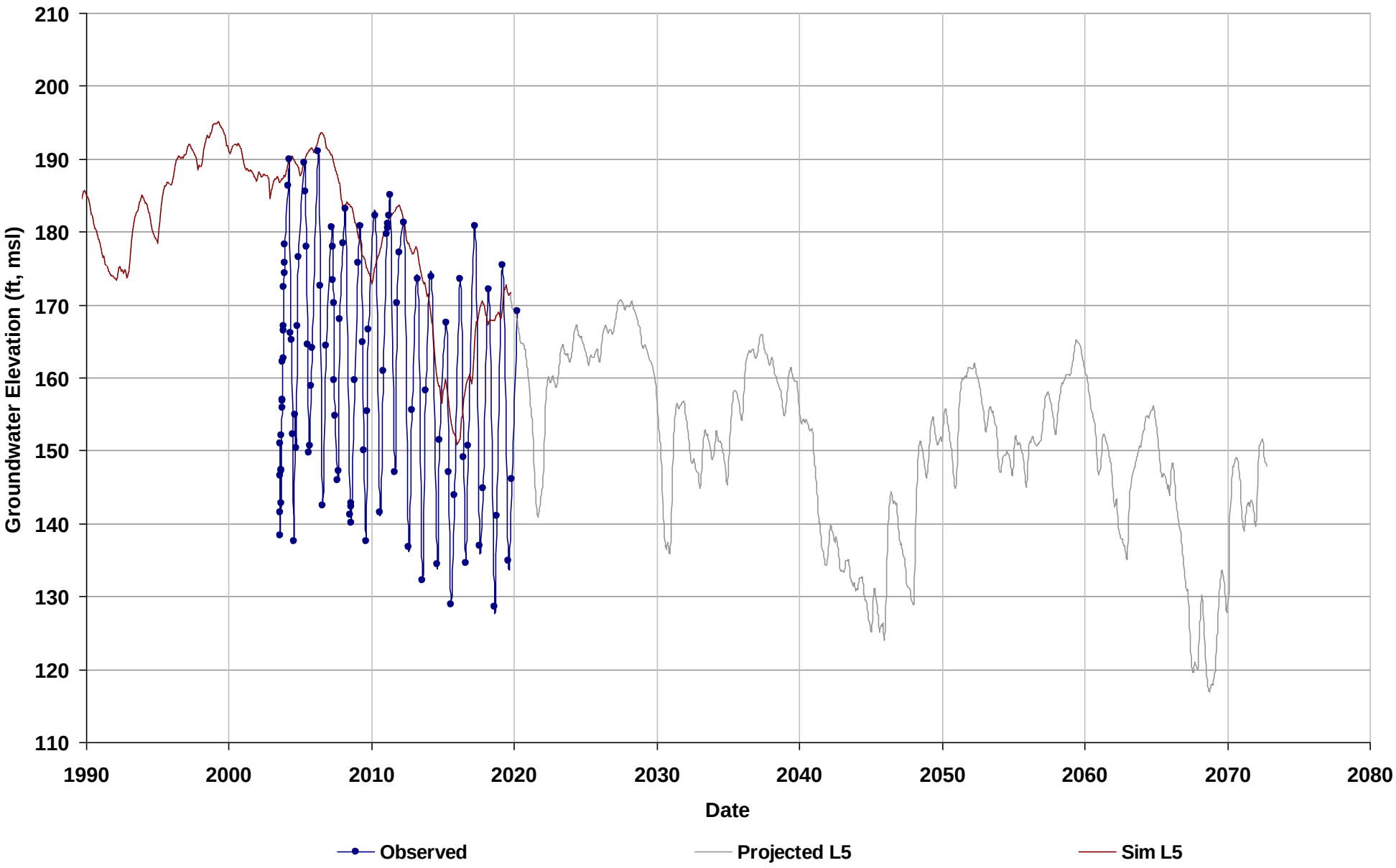
Total Depth (ft): 258
Perf Top (ft): 210
Perf Bottom (ft): 220
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 22N03W01R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

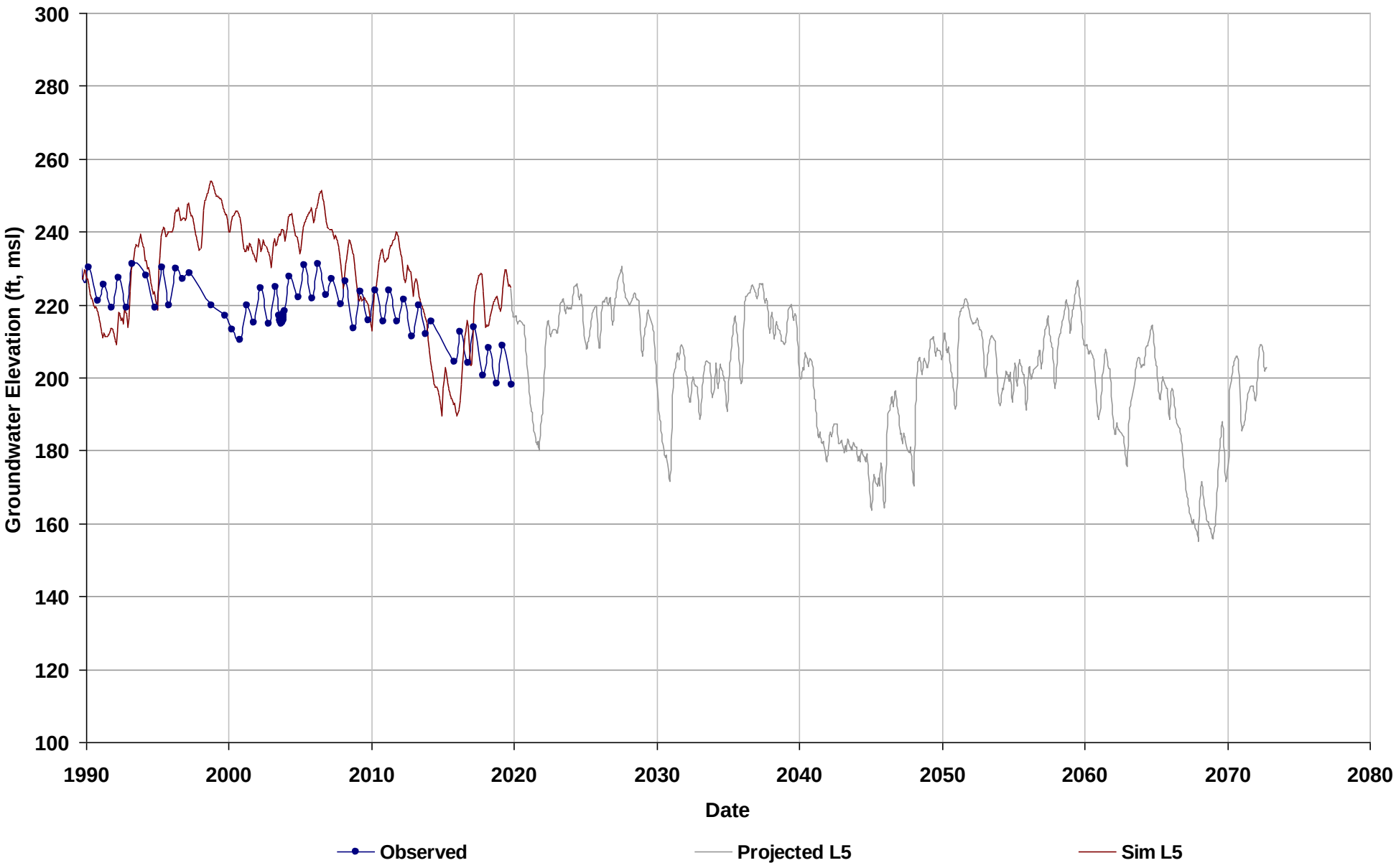
Total Depth (ft): 314
Perf Top (ft): 270
Perf Bottom (ft): 280
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

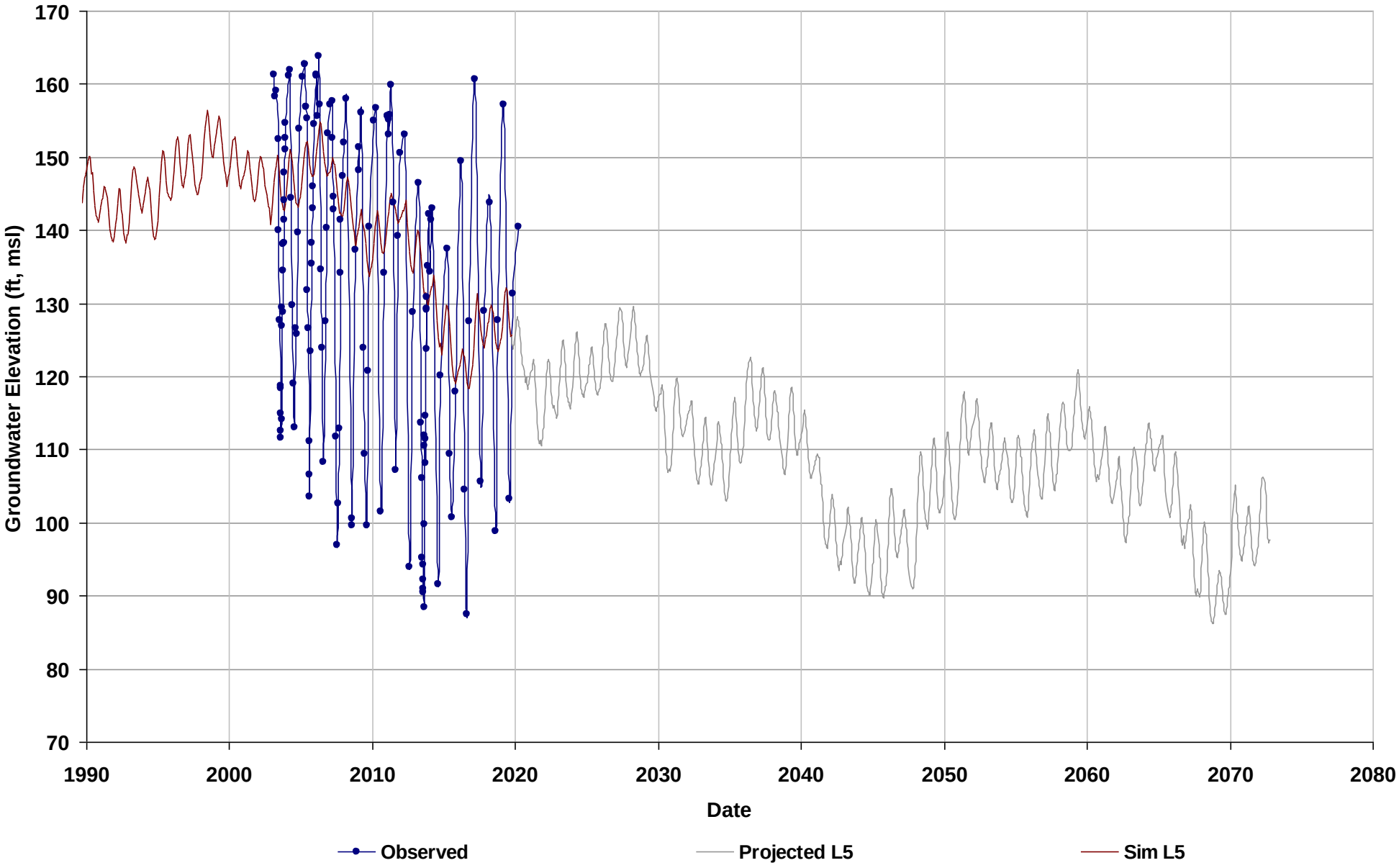
Well Name: 22N03W05F002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 297

Total Depth (ft):
Perf Top (ft): 188
Perf Bottom (ft): 218
Top Model Layer: 5
Bottom Model Layer: 5



Well Name: 22N02W15C003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 189

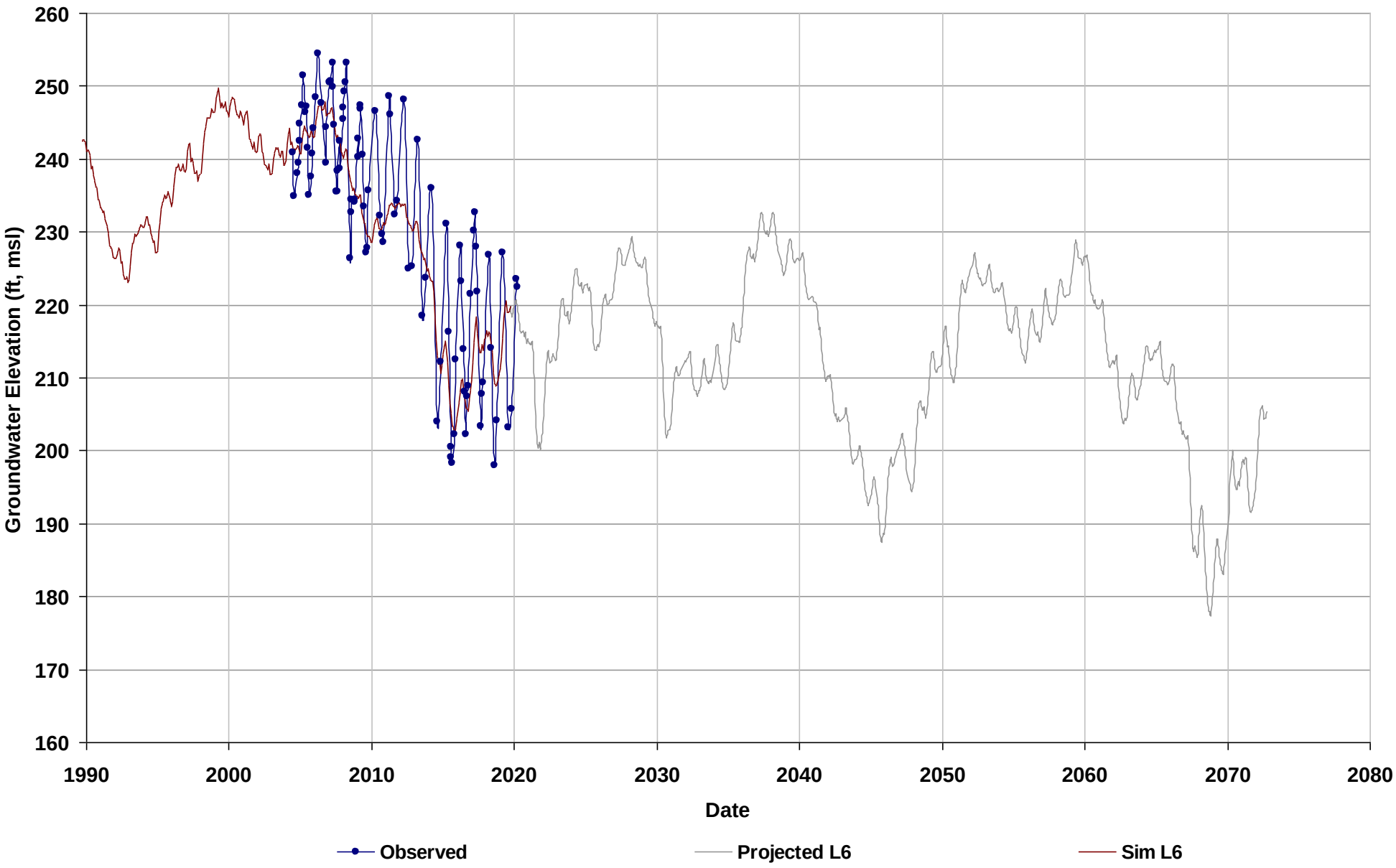
Total Depth (ft): 422
Perf Top (ft): 370
Perf Bottom (ft): 380
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 24N03W29Q002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

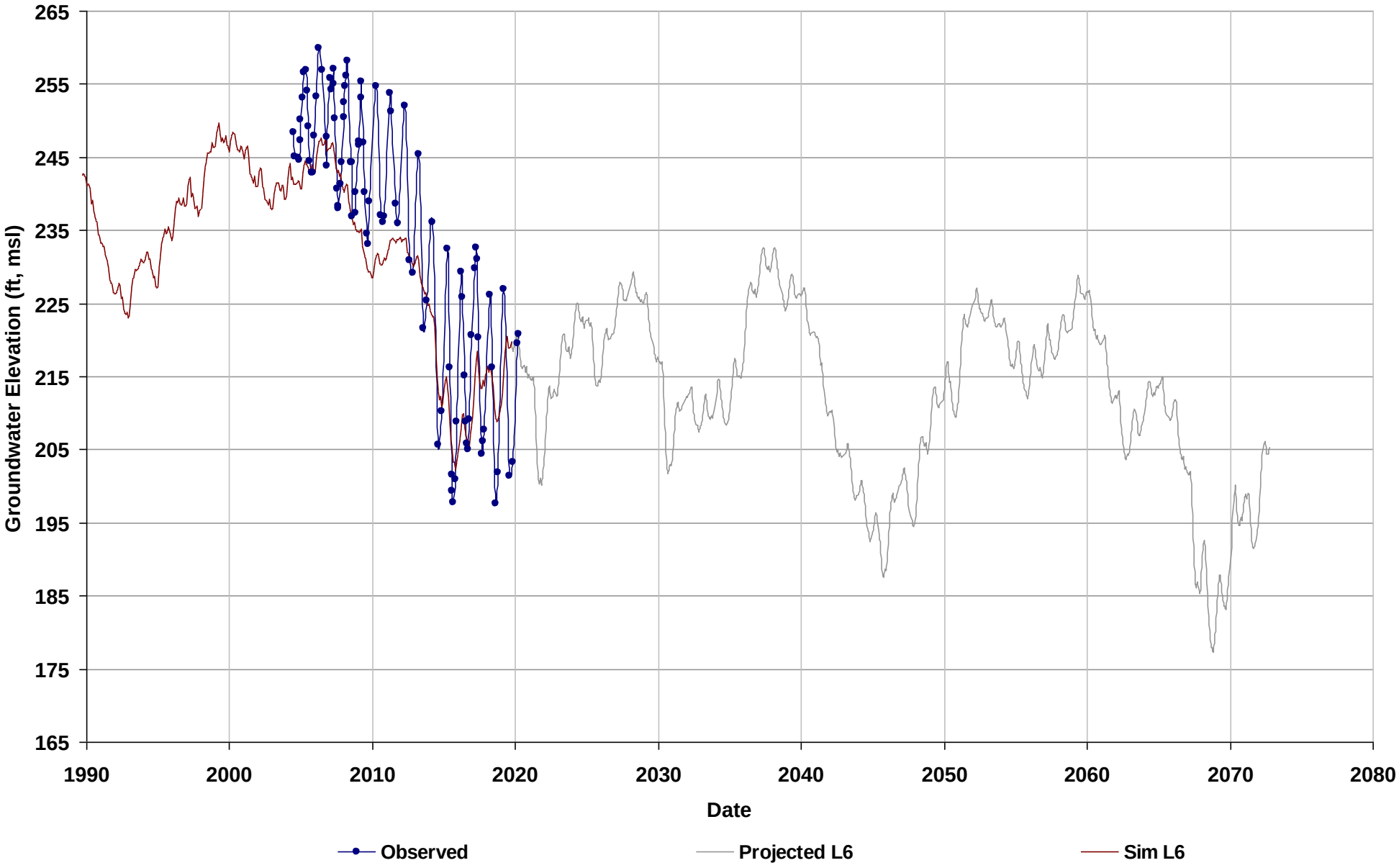
Total Depth (ft): 575
Perf Top (ft): 490
Perf Bottom (ft): 550
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 24N03W29Q003M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

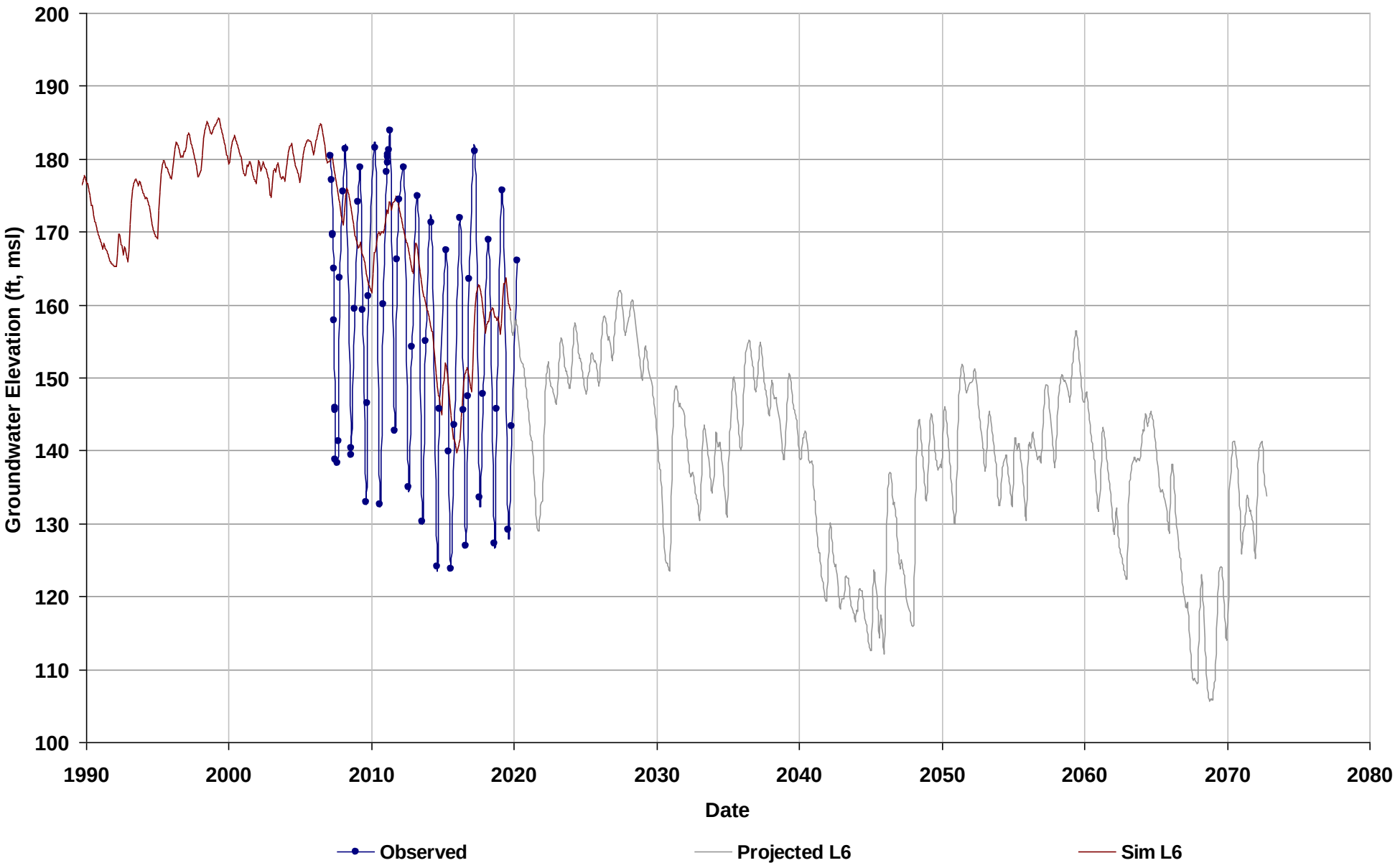
Total Depth (ft): 844
Perf Top (ft): 650
Perf Bottom (ft): 710
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 22N02W18C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

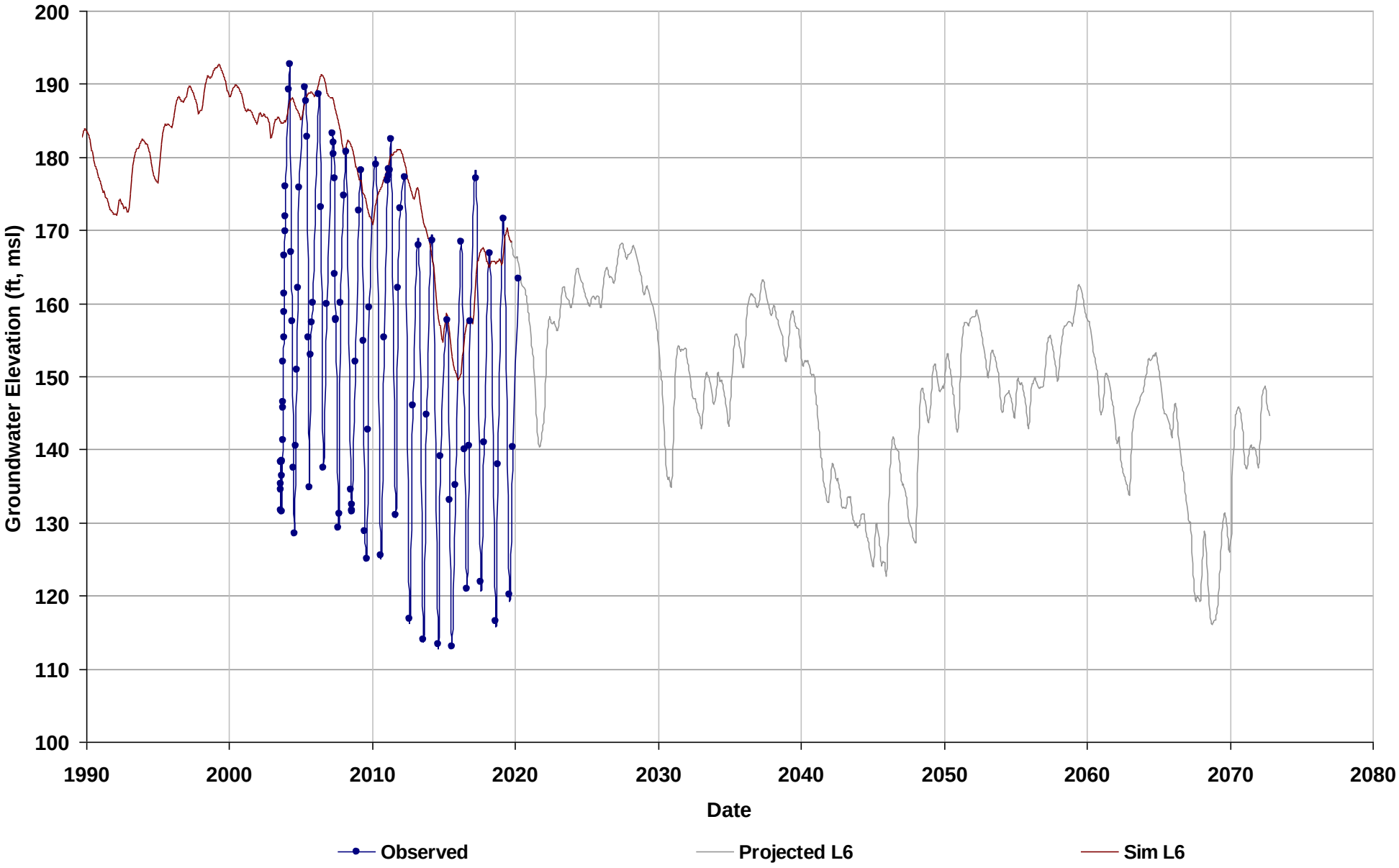
Total Depth (ft): 482
Perf Top (ft): 414
Perf Bottom (ft): 434
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

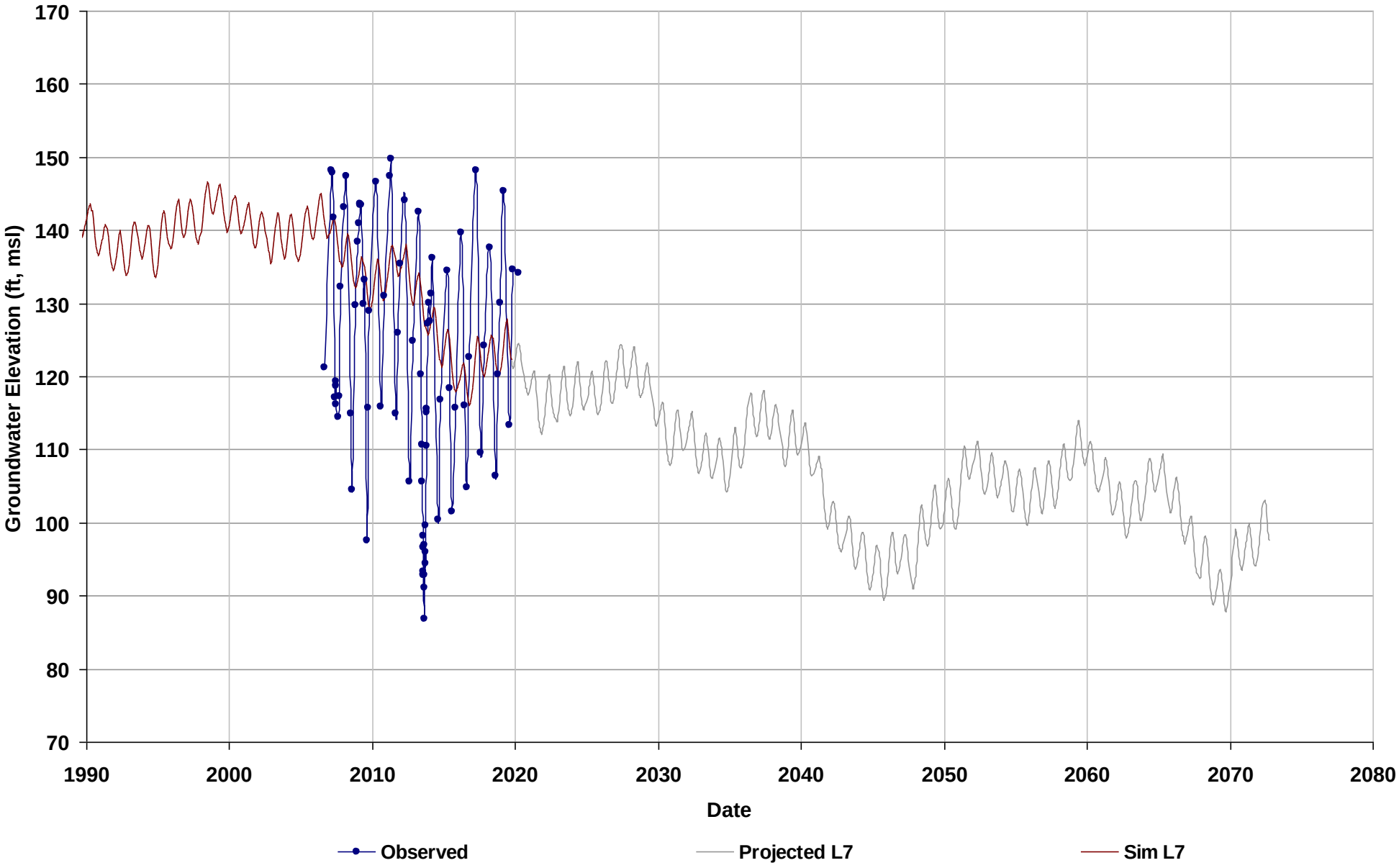
Well Name: 22N03W01R001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 226

Total Depth (ft): 515
Perf Top (ft): 470
Perf Bottom (ft): 480
Top Model Layer: 6
Bottom Model Layer: 6



Well Name: 22N02W01N002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

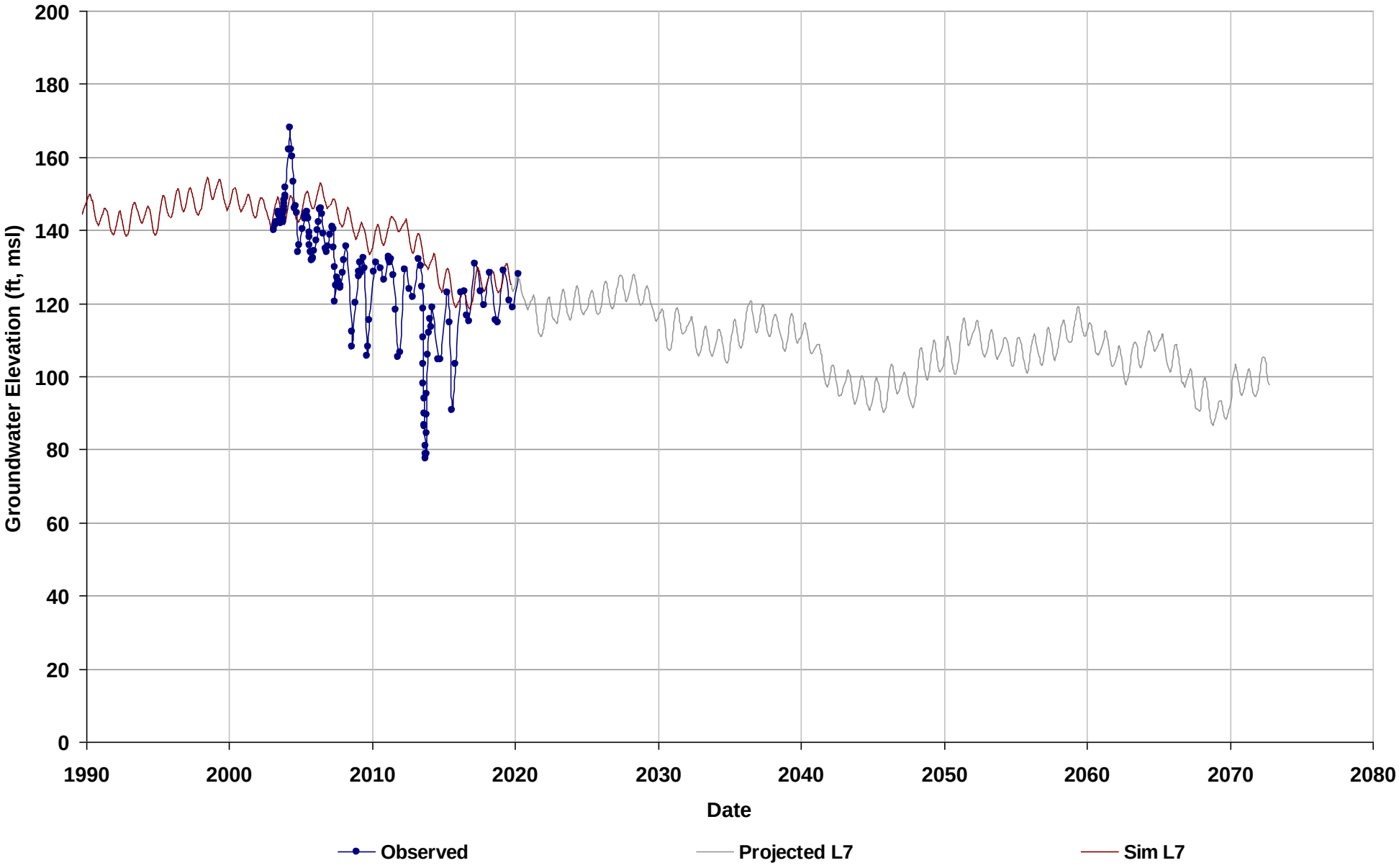
Total Depth (ft): 730
Perf Top (ft): 700
Perf Bottom (ft): 710
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 22N02W15C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 189

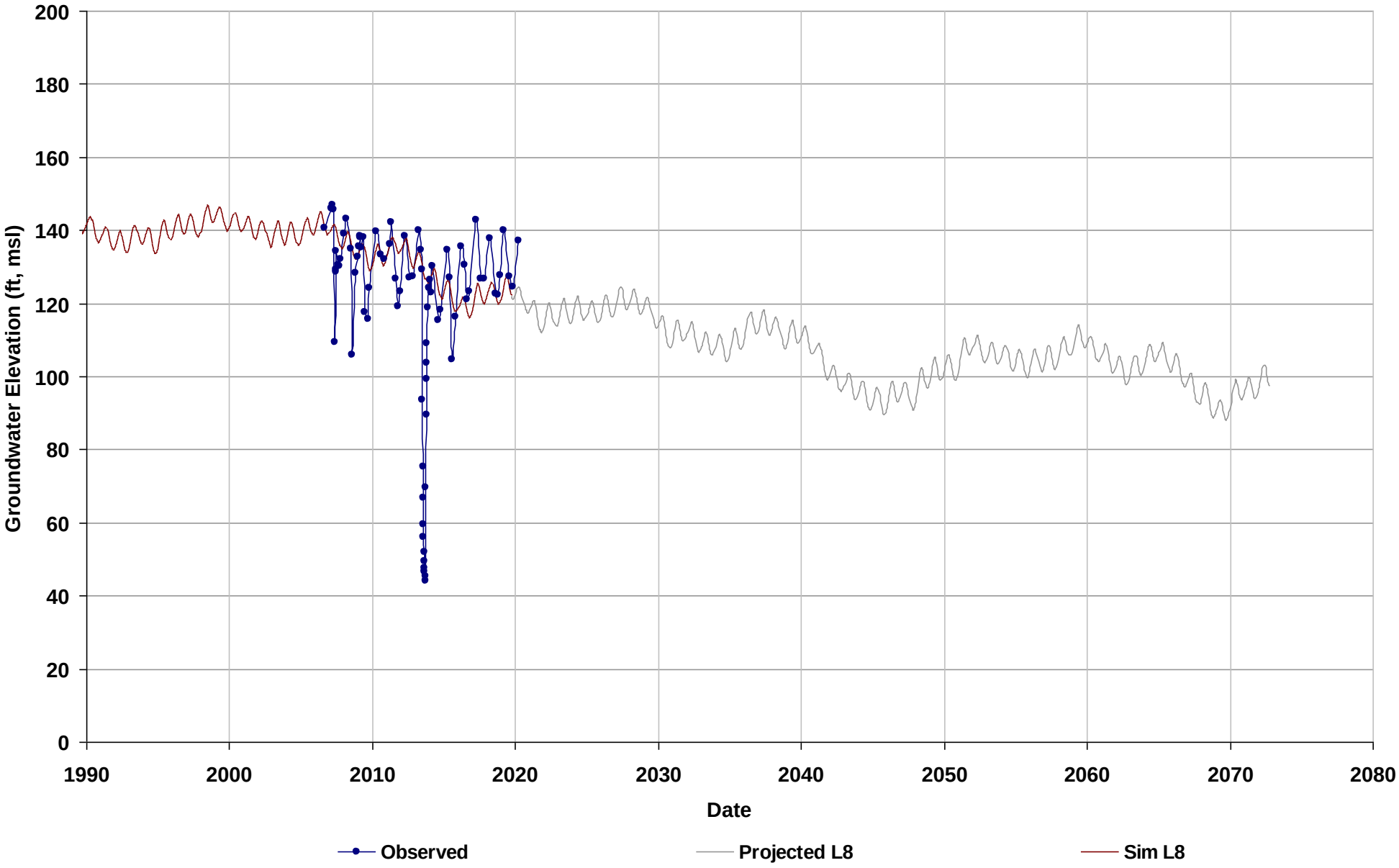
Total Depth (ft): 825
Perf Top (ft): 760
Perf Bottom (ft): 781
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

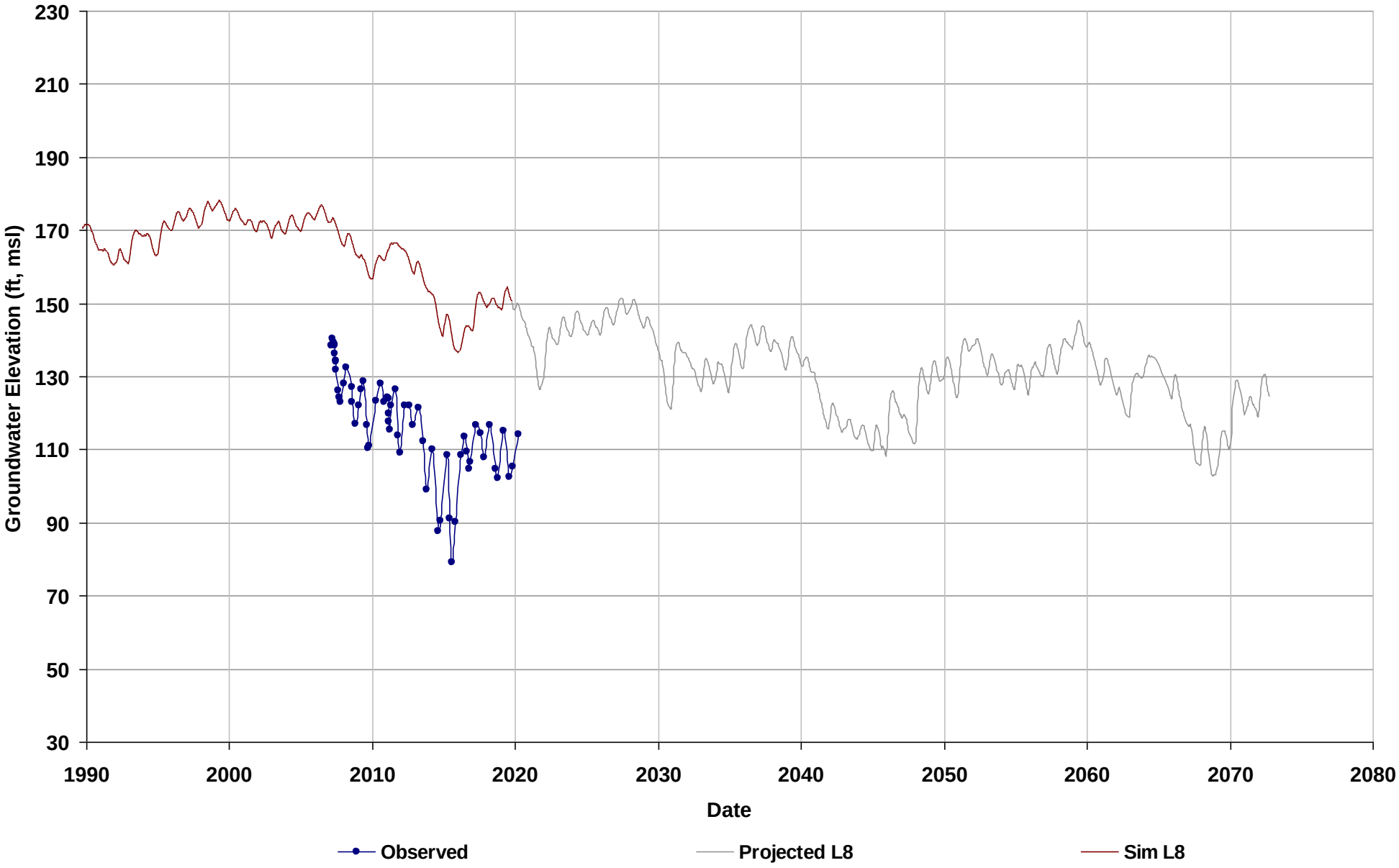
Well Name: 22N02W01N001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

Total Depth (ft): 1100
Perf Top (ft): 810
Perf Bottom (ft): 1050
Top Model Layer: 8
Bottom Model Layer: 8



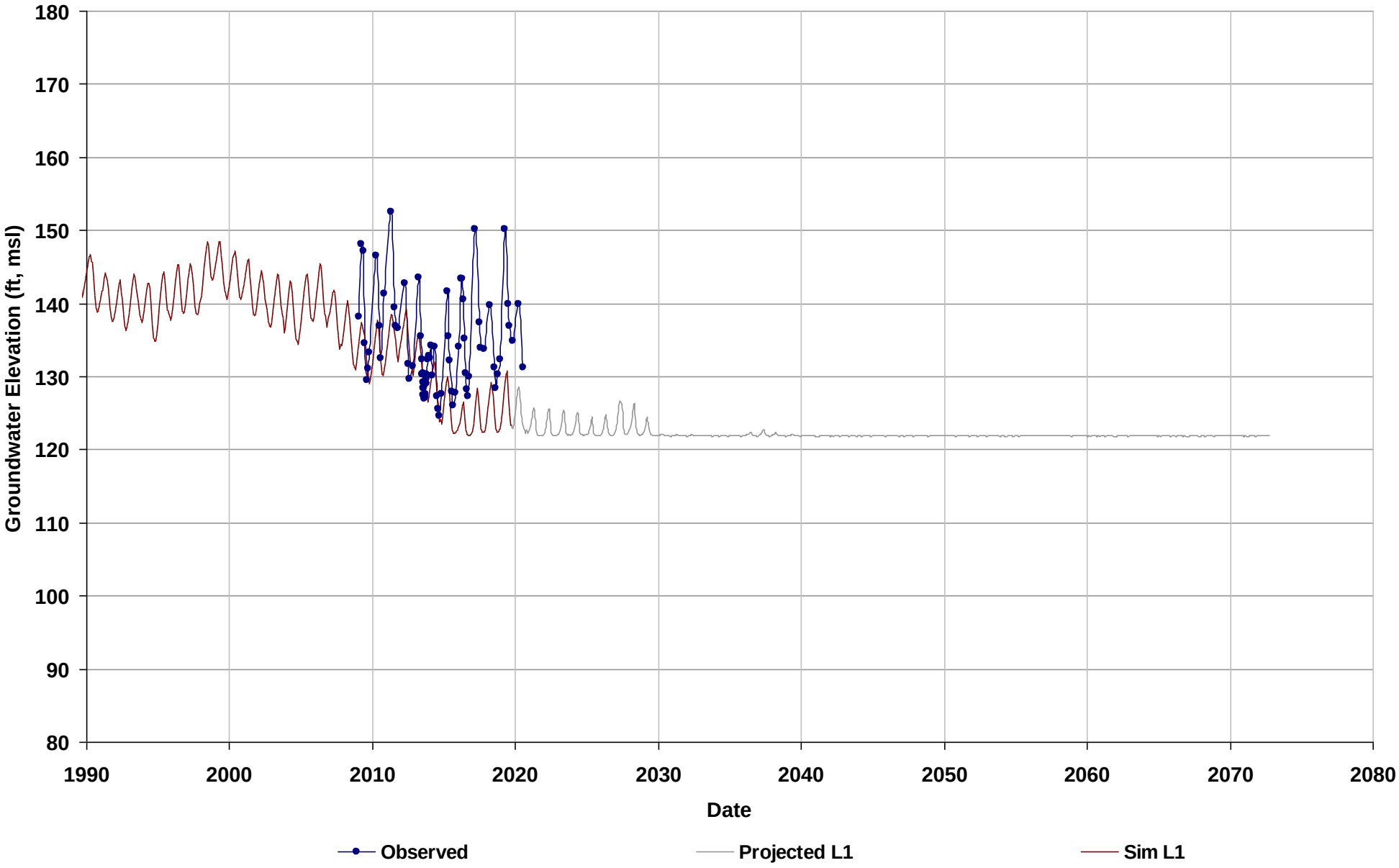
Well Name: 22N02W18C001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 1062
Perf Top (ft): 841
Perf Bottom (ft): 1029
Top Model Layer: 8
Bottom Model Layer: 8



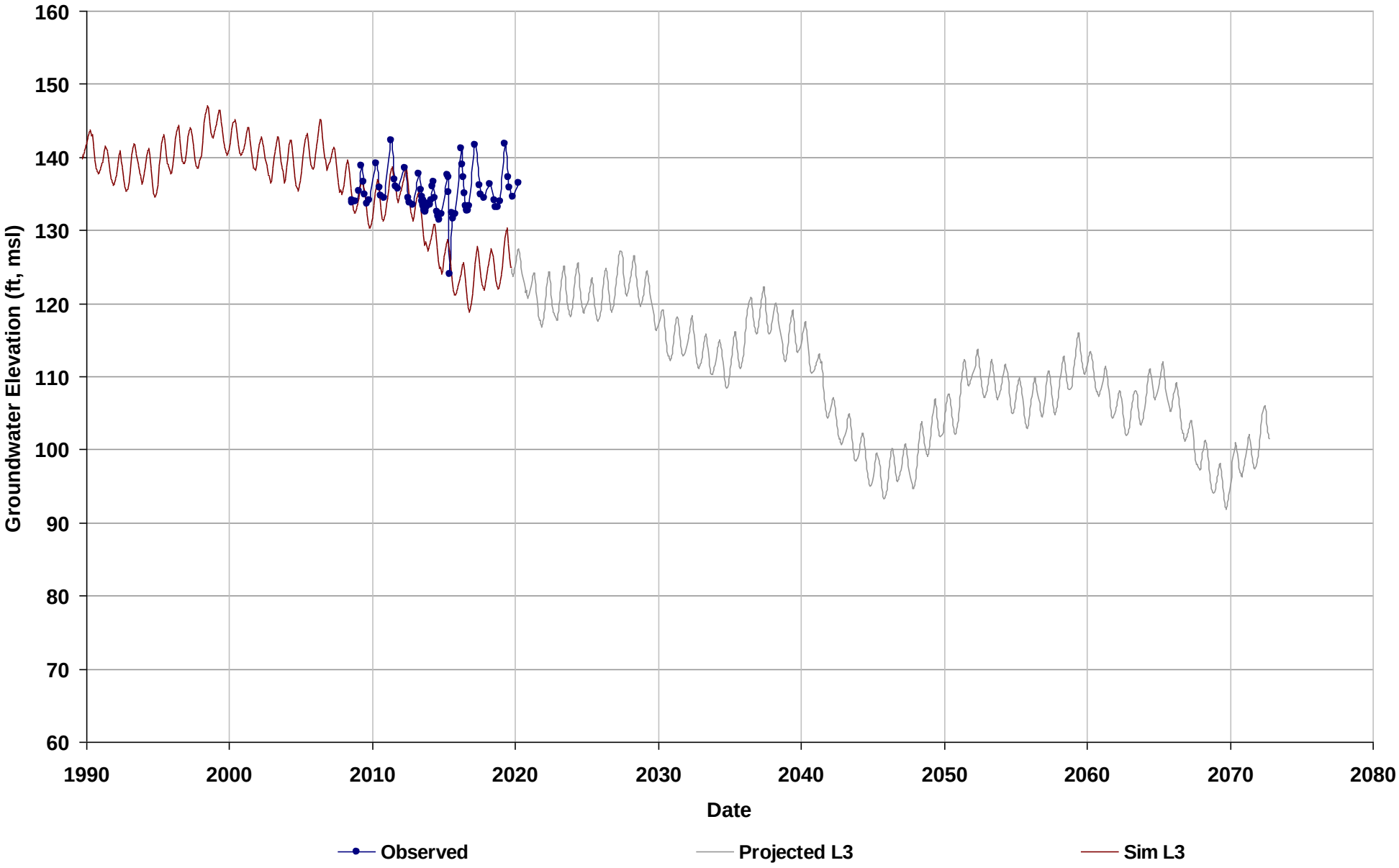
Well Name: 23N01W28M005M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 159

Total Depth (ft): 72
Perf Top (ft): 30
Perf Bottom (ft): 50
Top Model Layer: 1
Bottom Model Layer: 1



Well Name: 23N01W31M004M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

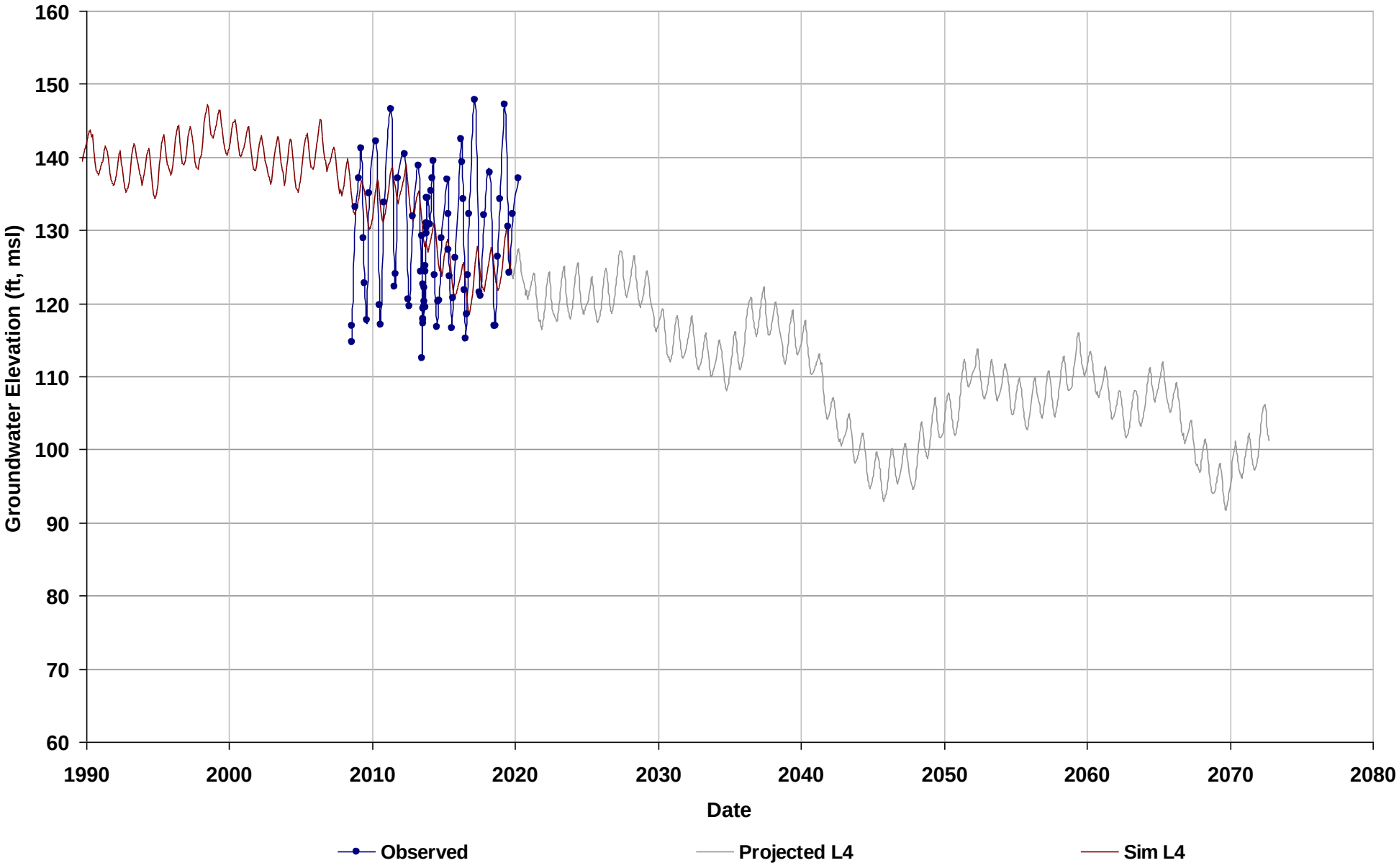
Total Depth (ft): 106
Perf Top (ft): 65.5
Perf Bottom (ft): 75.5
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 23N01W31M003M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

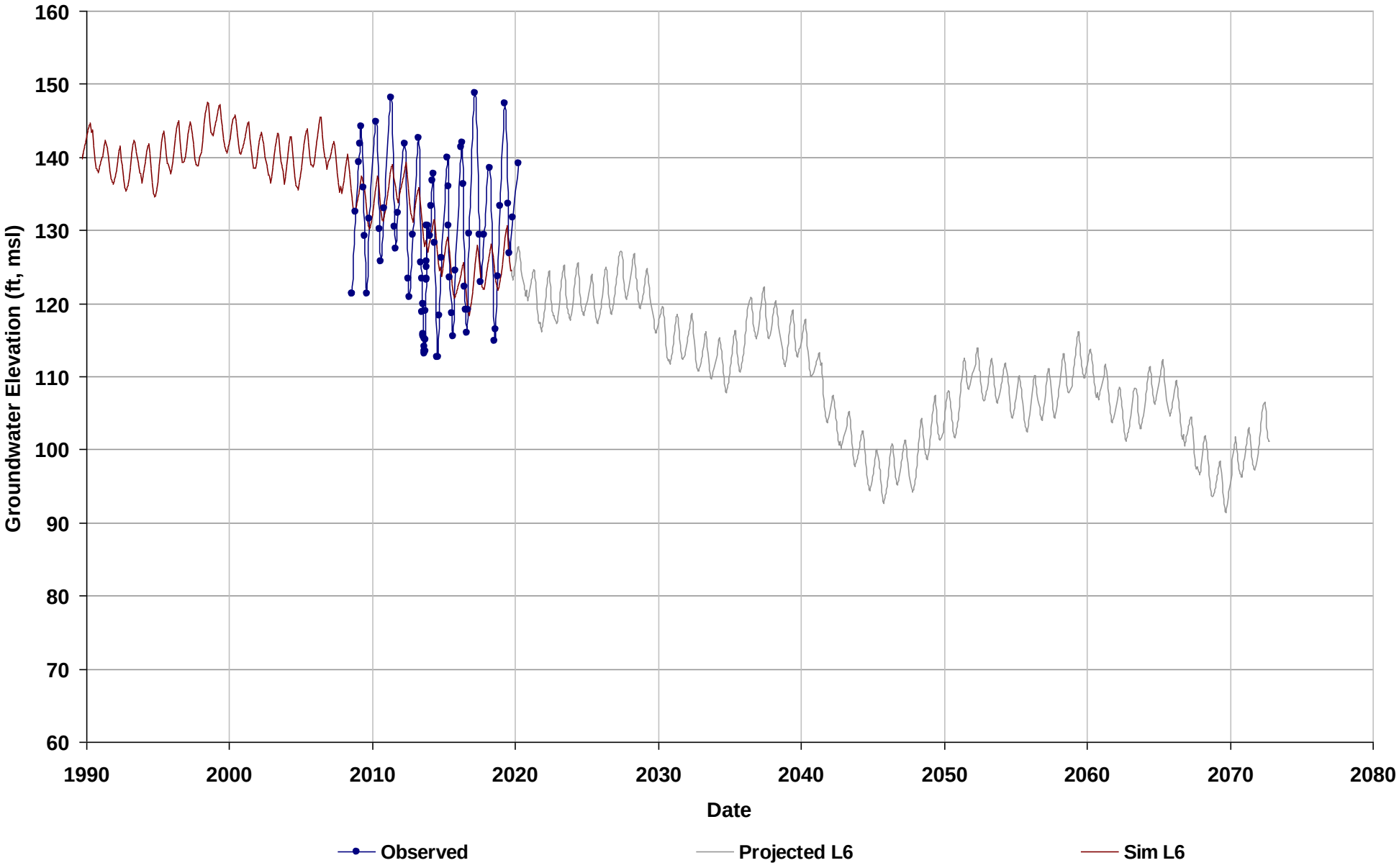
Total Depth (ft): 245
Perf Top (ft): 140
Perf Bottom (ft): 201
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 23N01W31M002M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

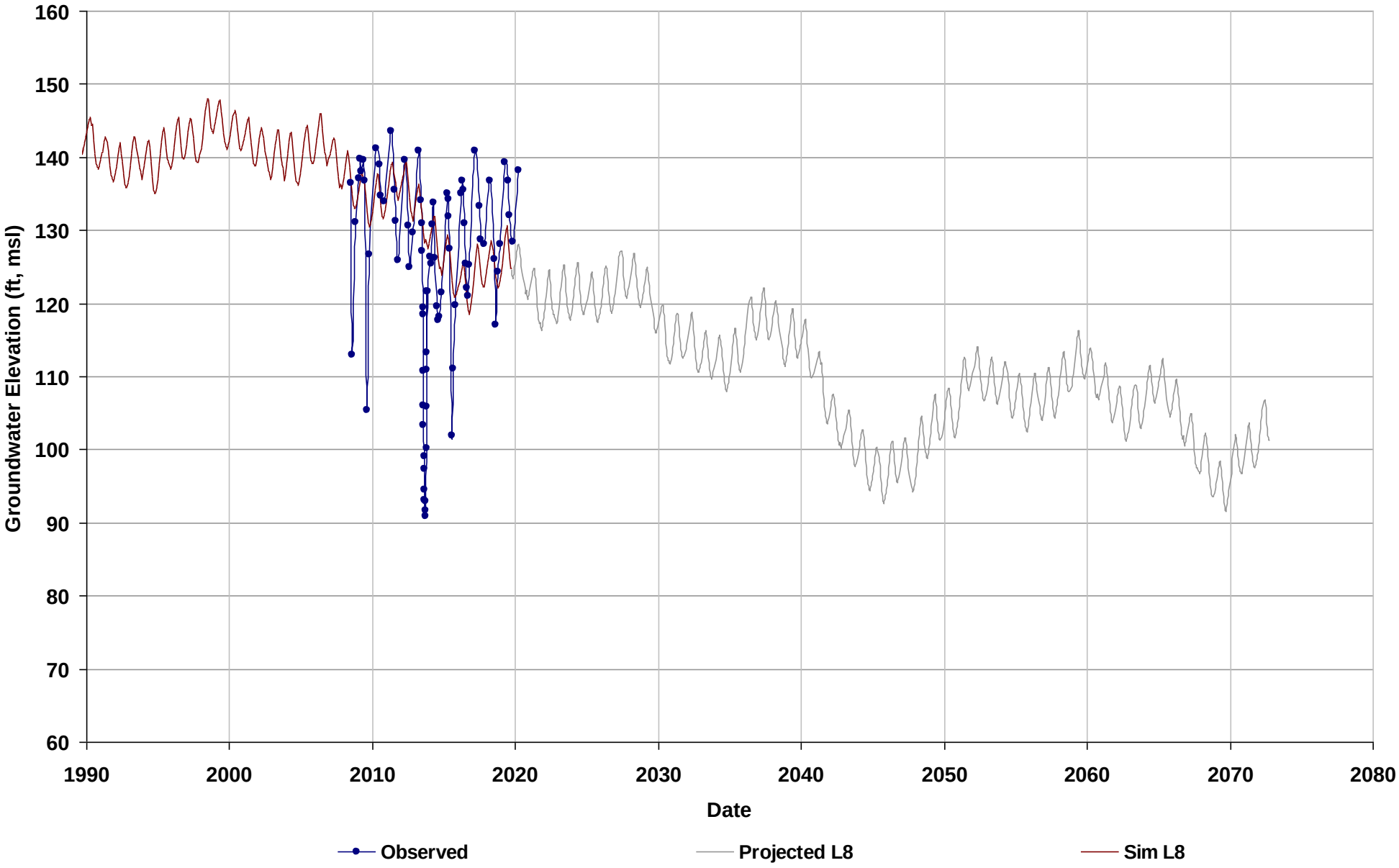
Total Depth (ft): 616
Perf Top (ft): 545
Perf Bottom (ft): 600
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 23N01W31M001M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

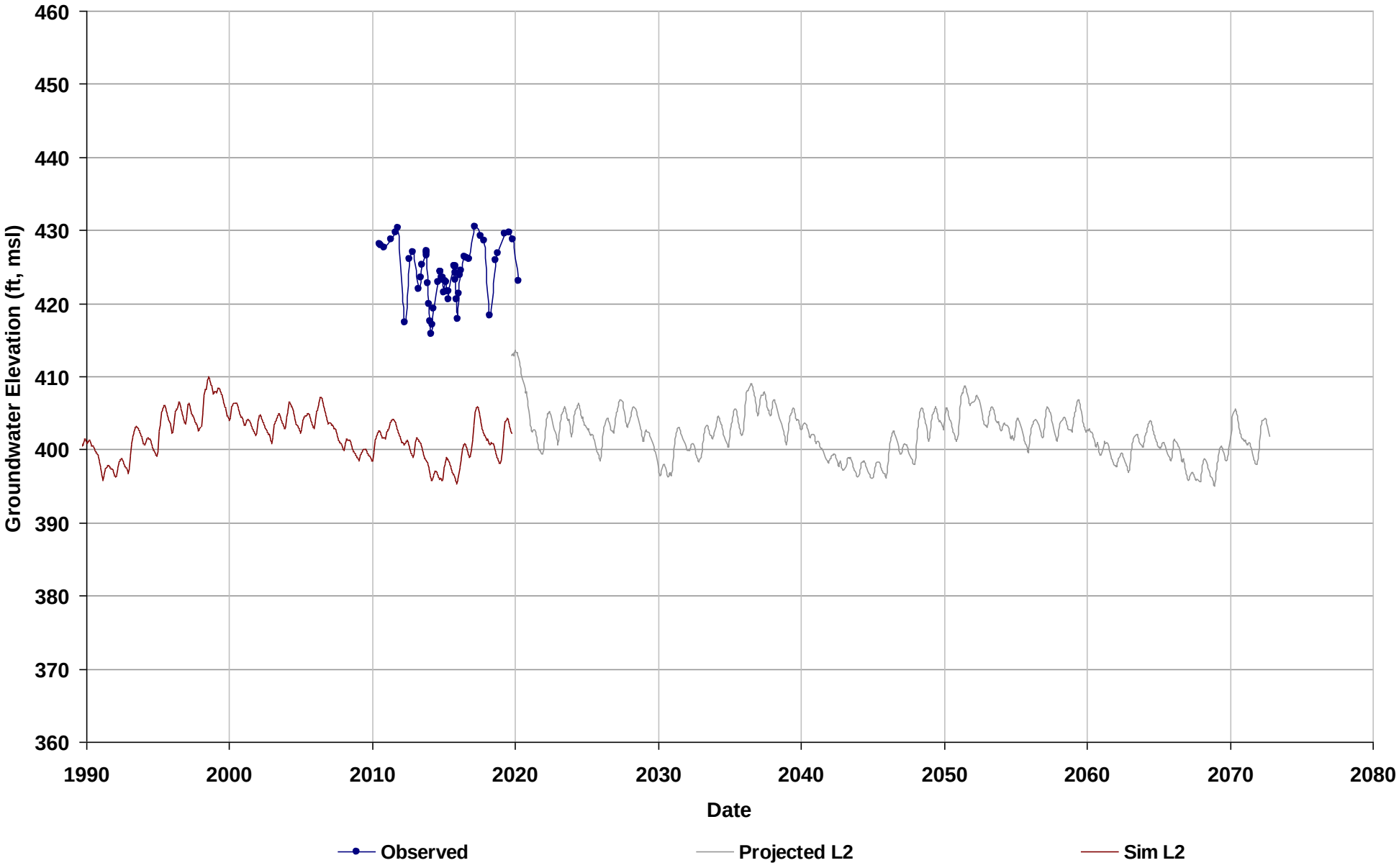
Total Depth (ft): 1200
Perf Top (ft): 969
Perf Bottom (ft): 1030
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

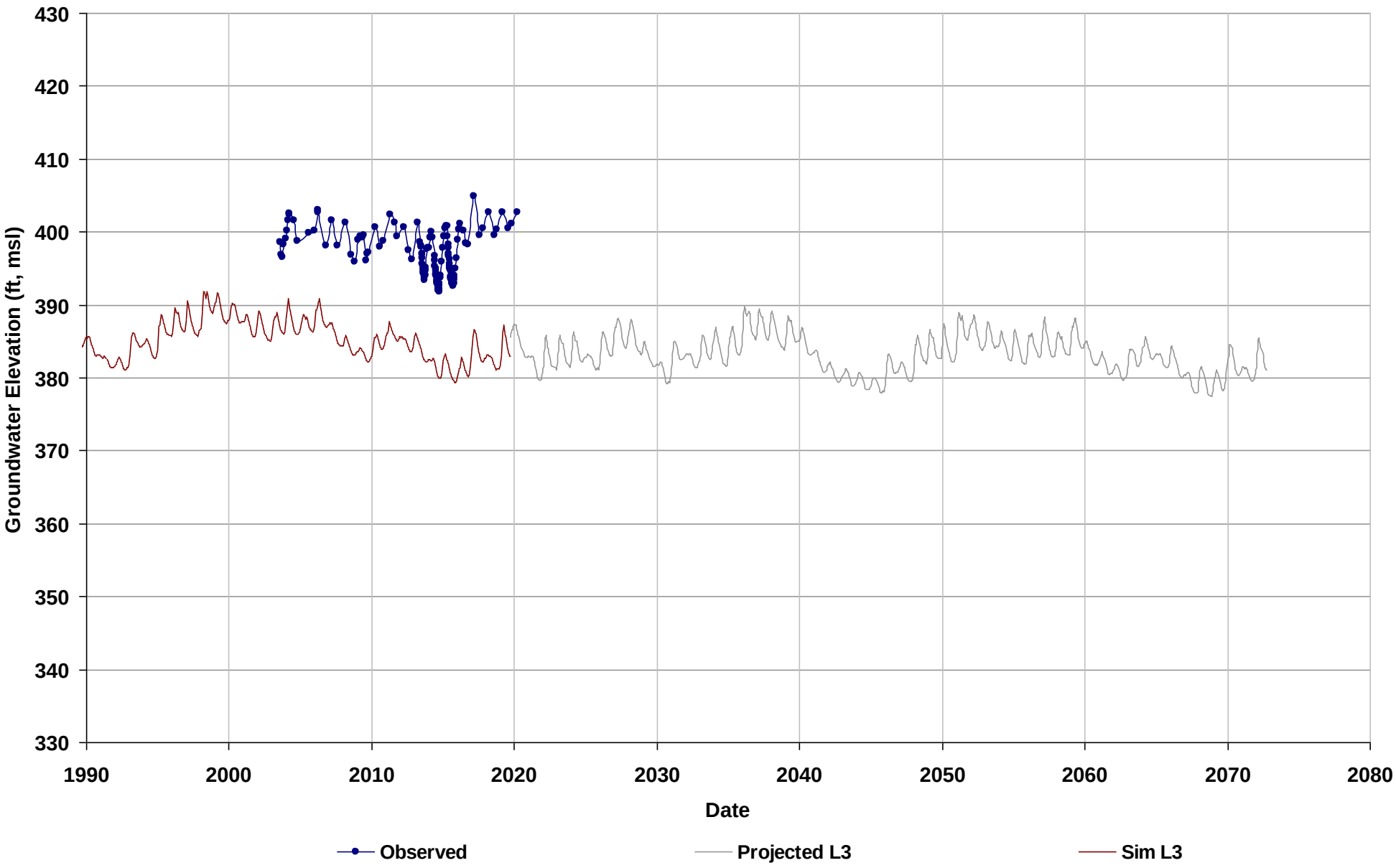
Well Name: 29N04W03R006M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 76
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Well Name: 30N04W22F002M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

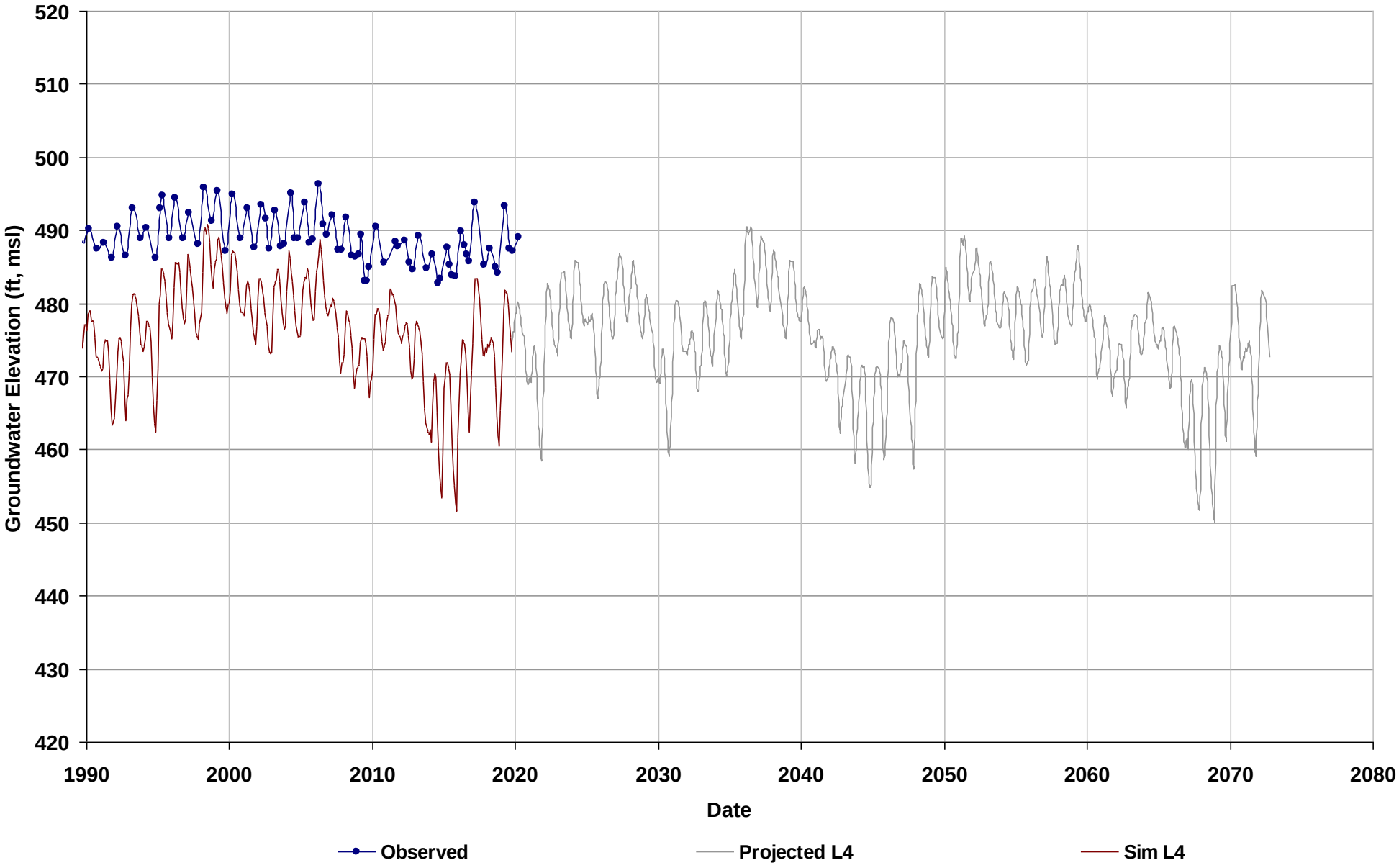
Total Depth (ft): 113
Perf Top (ft): 70
Perf Bottom (ft): 113
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 29N05W09L001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 517

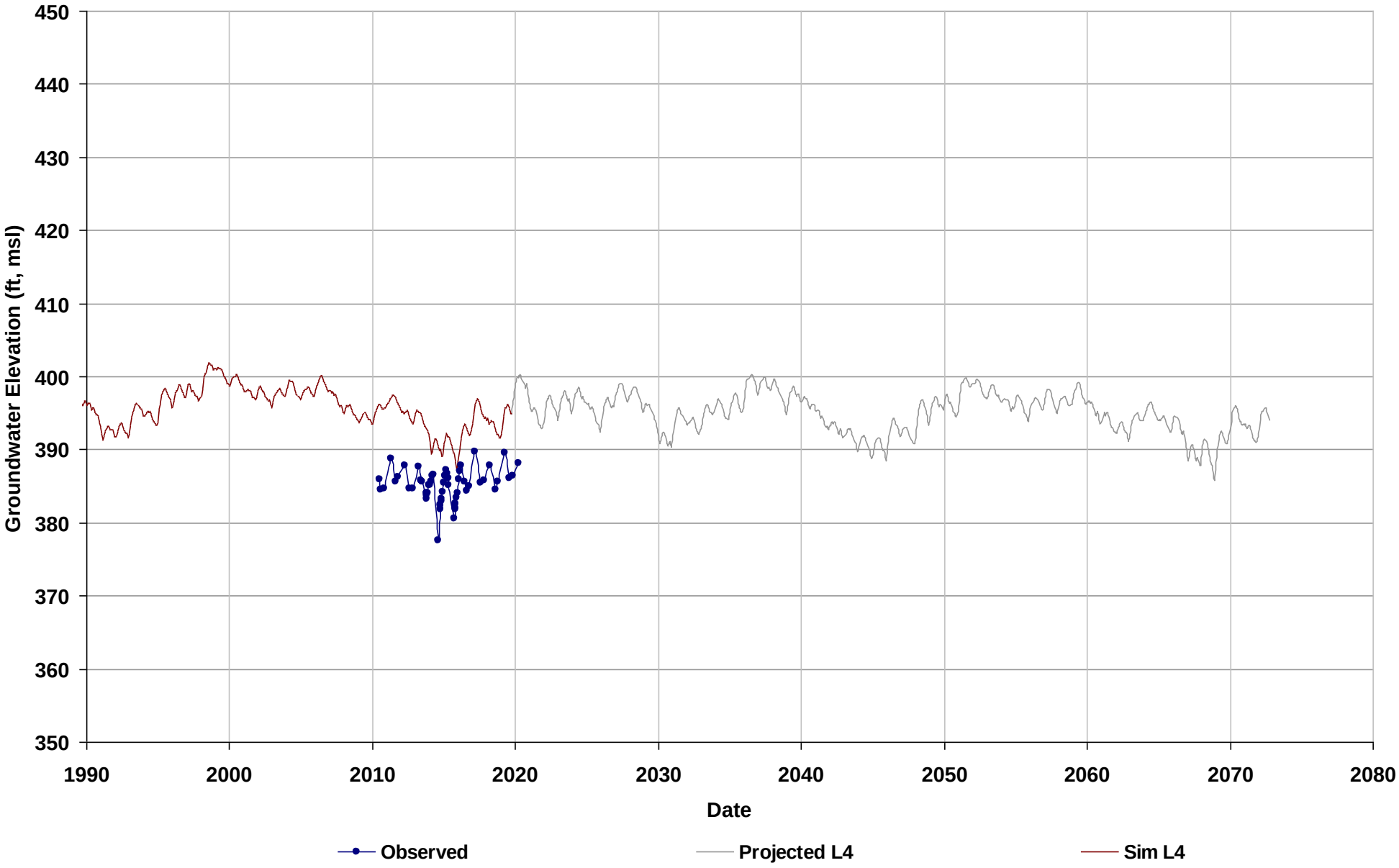
Total Depth (ft):
Perf Top (ft): 100
Perf Bottom (ft): 140
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

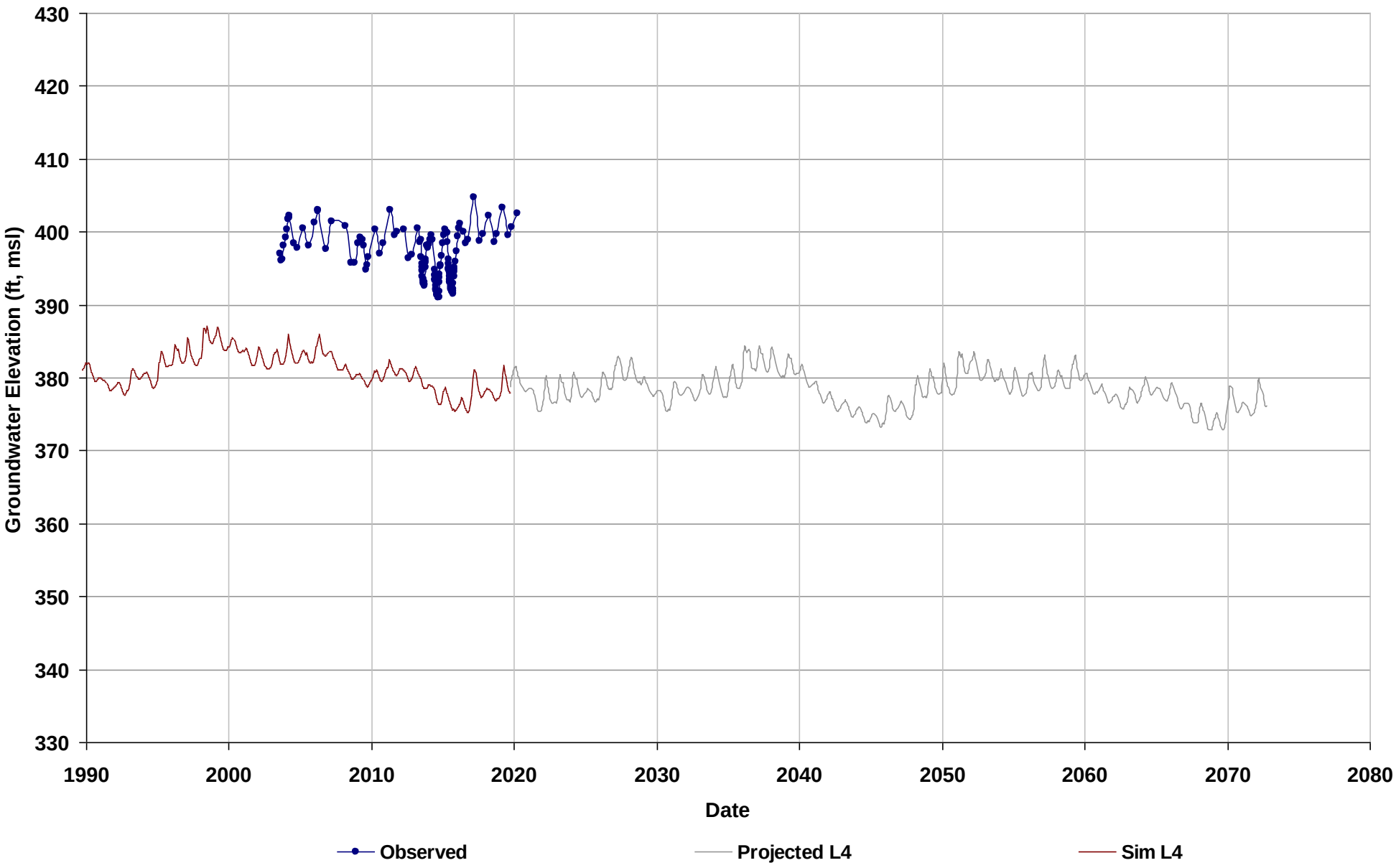
Well Name: 29N04W03R005M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 254
Perf Top (ft): 128
Perf Bottom (ft): 188
Top Model Layer: 4
Bottom Model Layer: 4



Well Name: 30N04W22F003M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

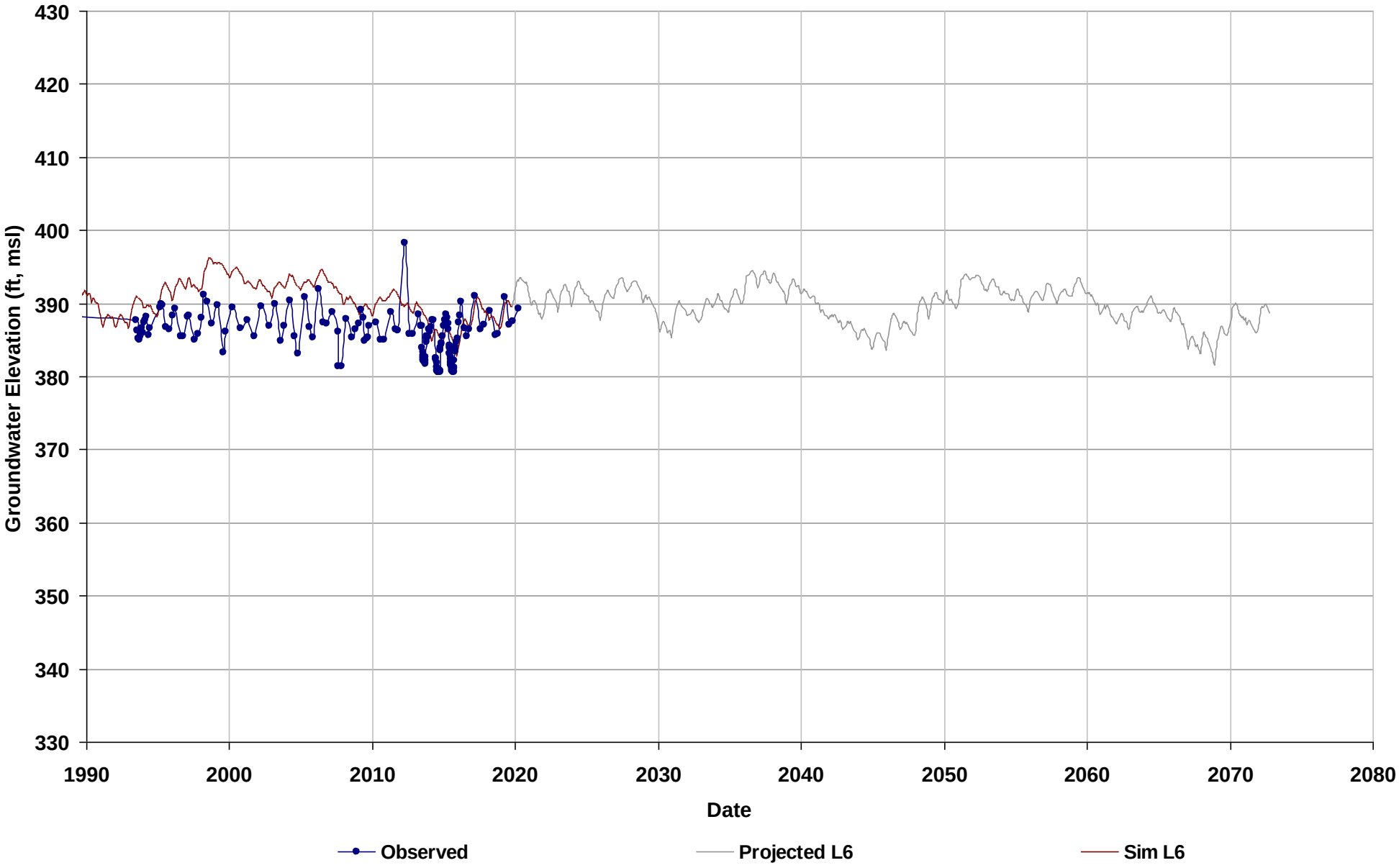
Total Depth (ft): 202
Perf Top (ft): 170
Perf Bottom (ft): 202
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 29N04W02P001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

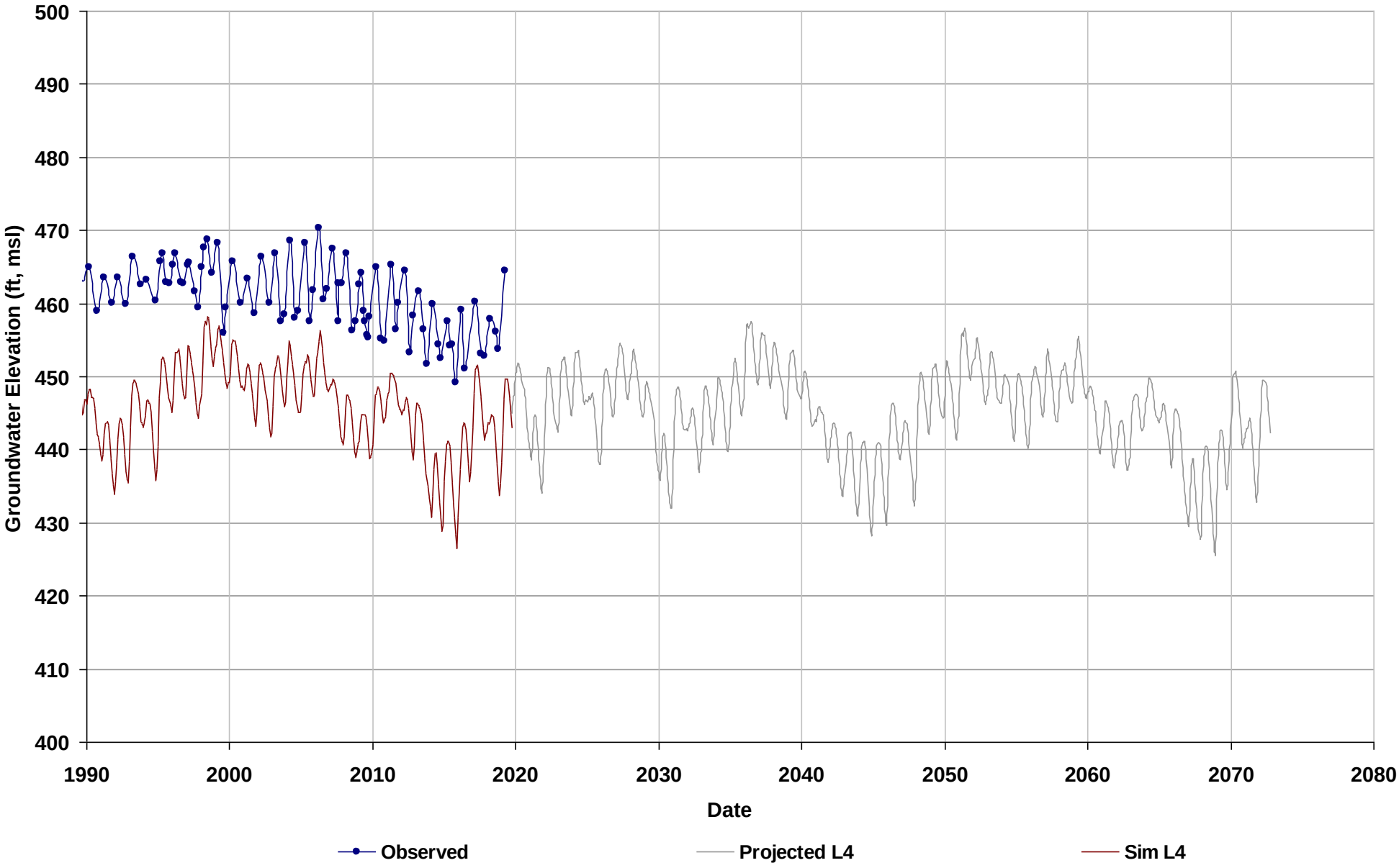
Total Depth (ft):
Perf Top (ft): 165
Perf Bottom (ft): 425
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

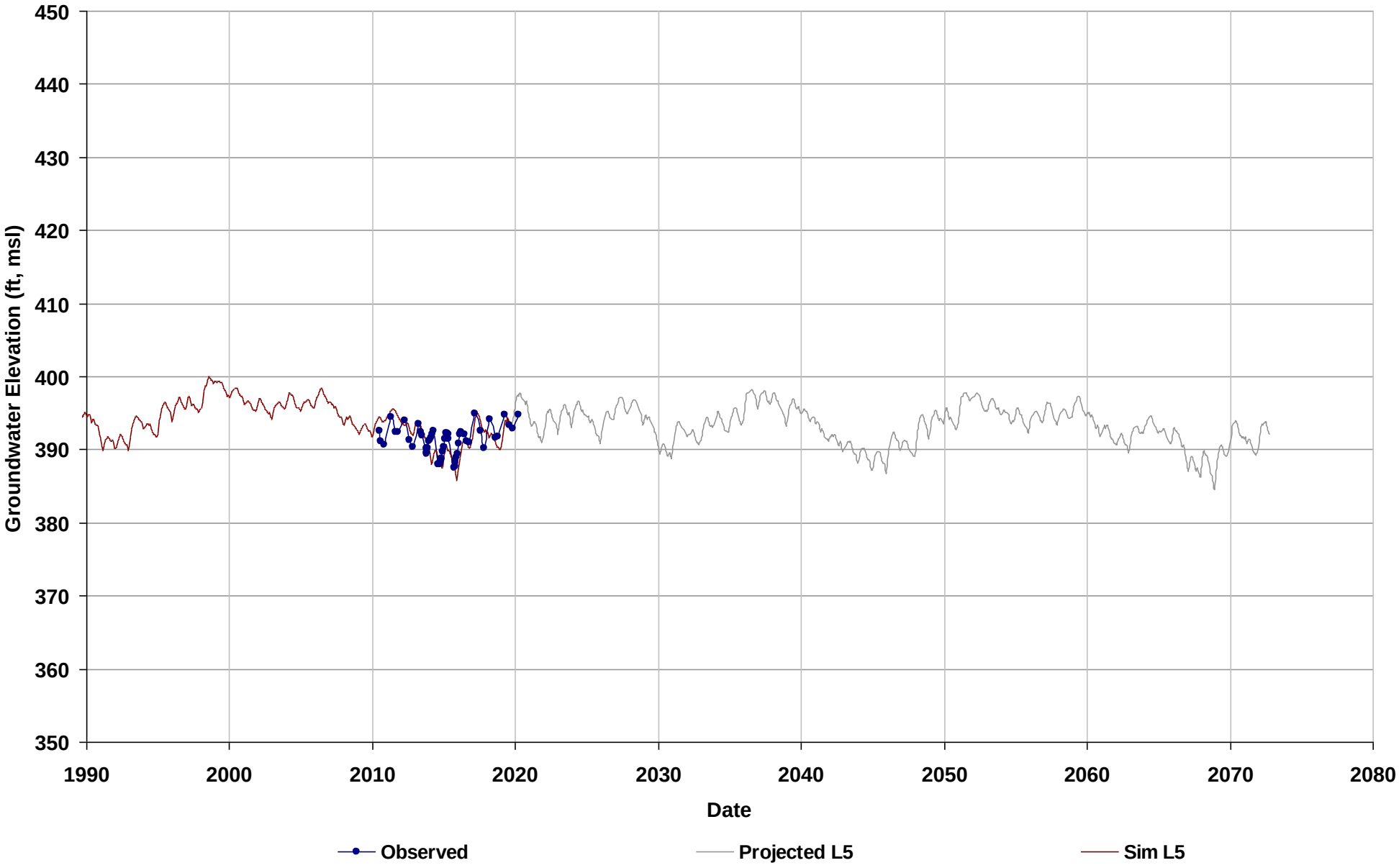
Well Name: 29N05W11A002M
Depth Zone: Composite
Subbasin: Anderson
GSE (ft, msl): 514

Total Depth (ft):
Perf Top (ft): 110
Perf Bottom (ft): 356
Top Model Layer: 4
Bottom Model Layer: 4



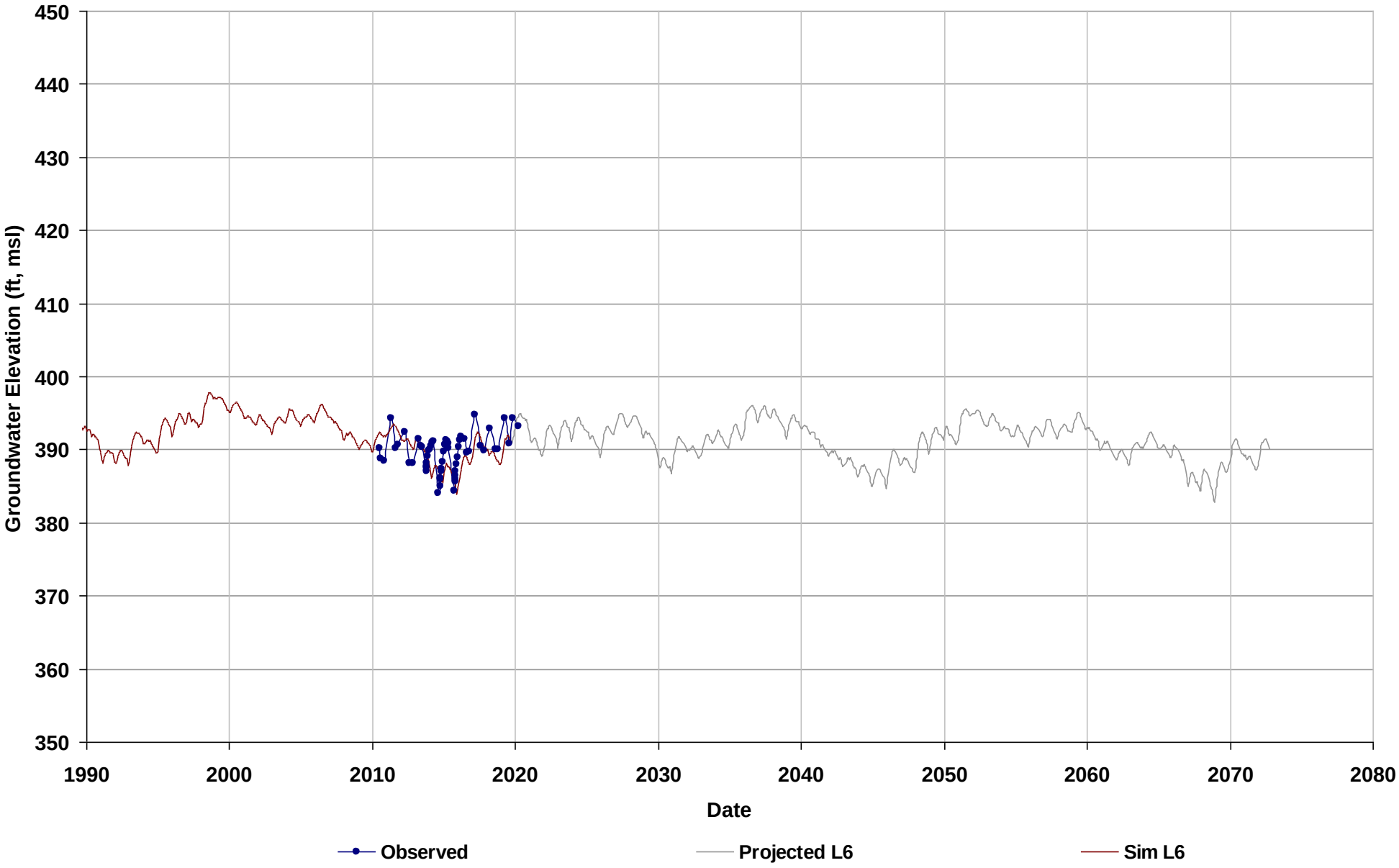
Well Name: 29N04W03R004M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 438
Perf Top (ft): 380
Perf Bottom (ft): 390
Top Model Layer: 5
Bottom Model Layer: 5



Well Name: 29N04W03R003M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

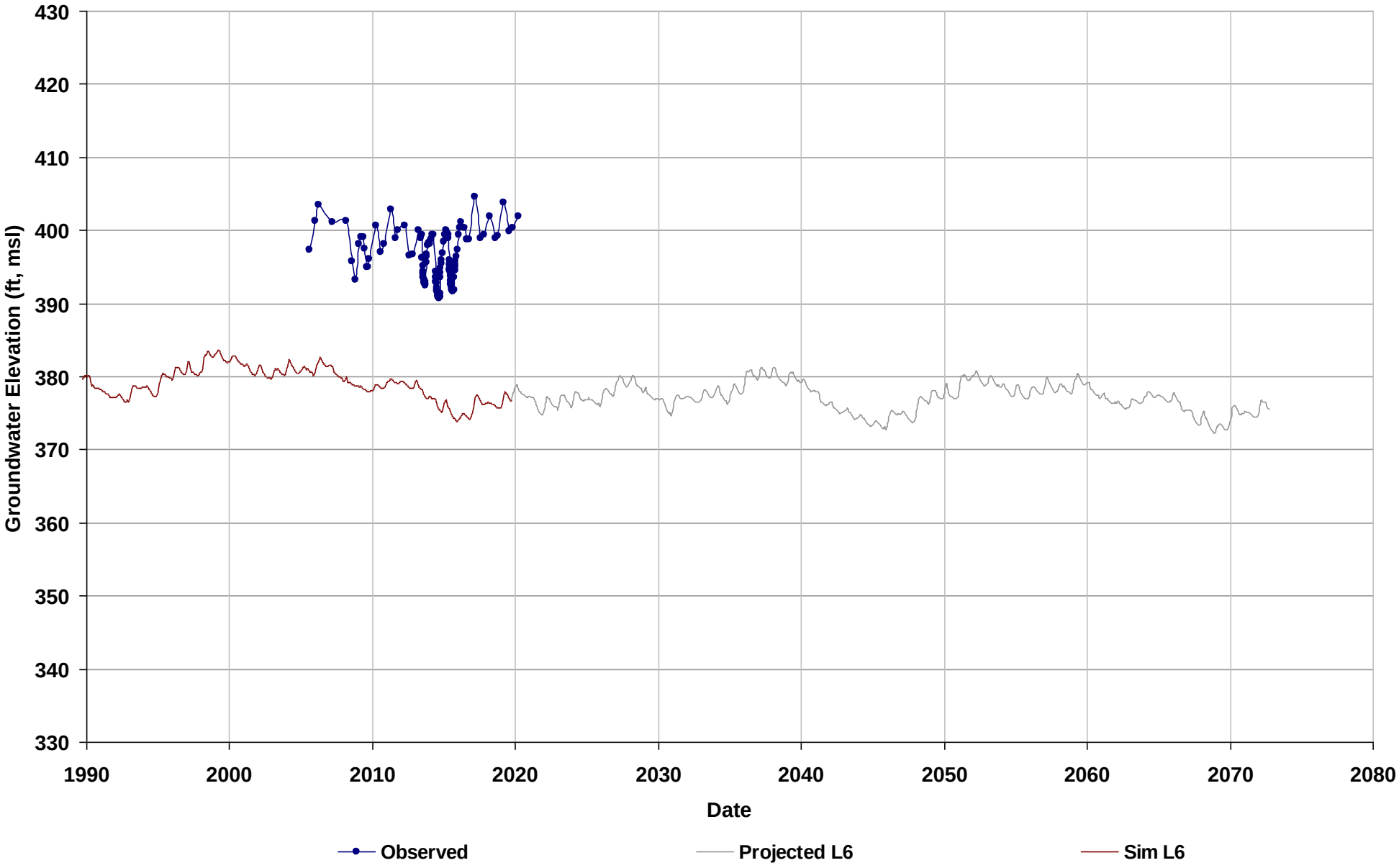
Total Depth (ft): 696
Perf Top (ft): 515
Perf Bottom (ft): 660
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 30N04W22F004M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 447

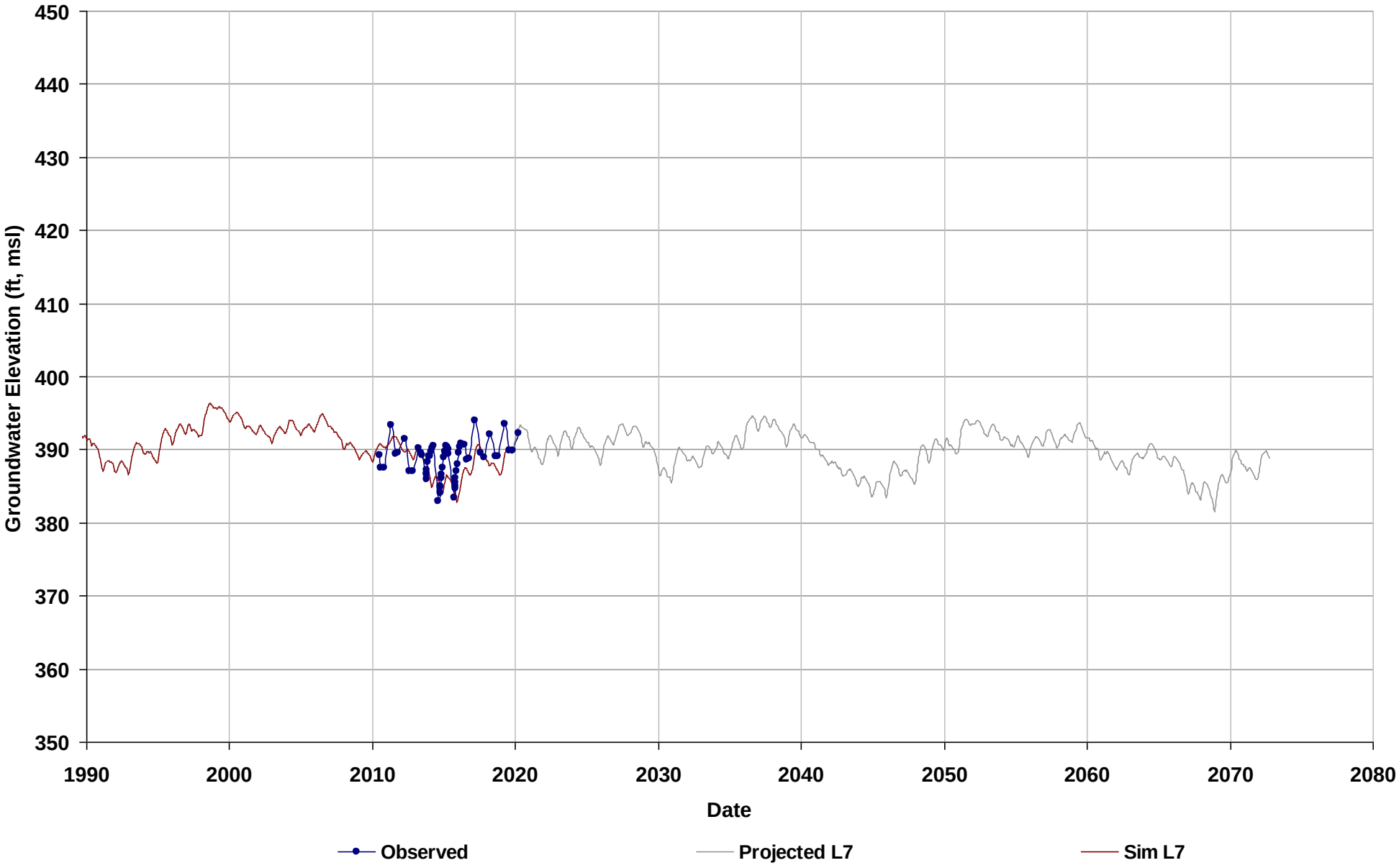
Total Depth (ft): 540
Perf Top (ft): 480
Perf Bottom (ft): 540
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Well Name: 29N04W03R002M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 917
Perf Top (ft): 740
Perf Bottom (ft): 880
Top Model Layer: 7
Bottom Model Layer: 7



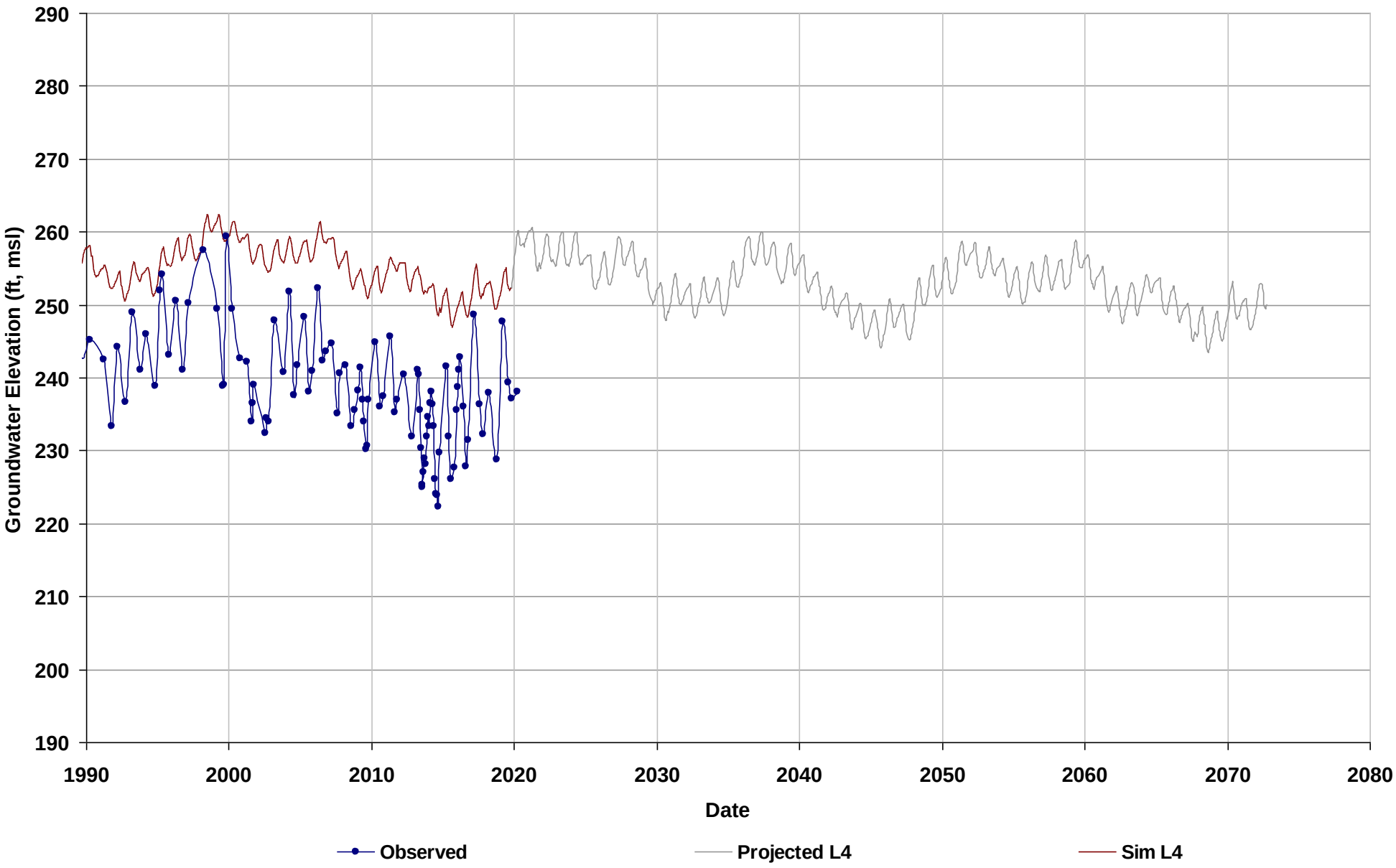
APPENDIX E-5

Tehama IHM Simulated Groundwater Levels:

Projected (Current Land Use) with Climate Change (2070) Model Results

Well Name: 27N03W23D001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 271

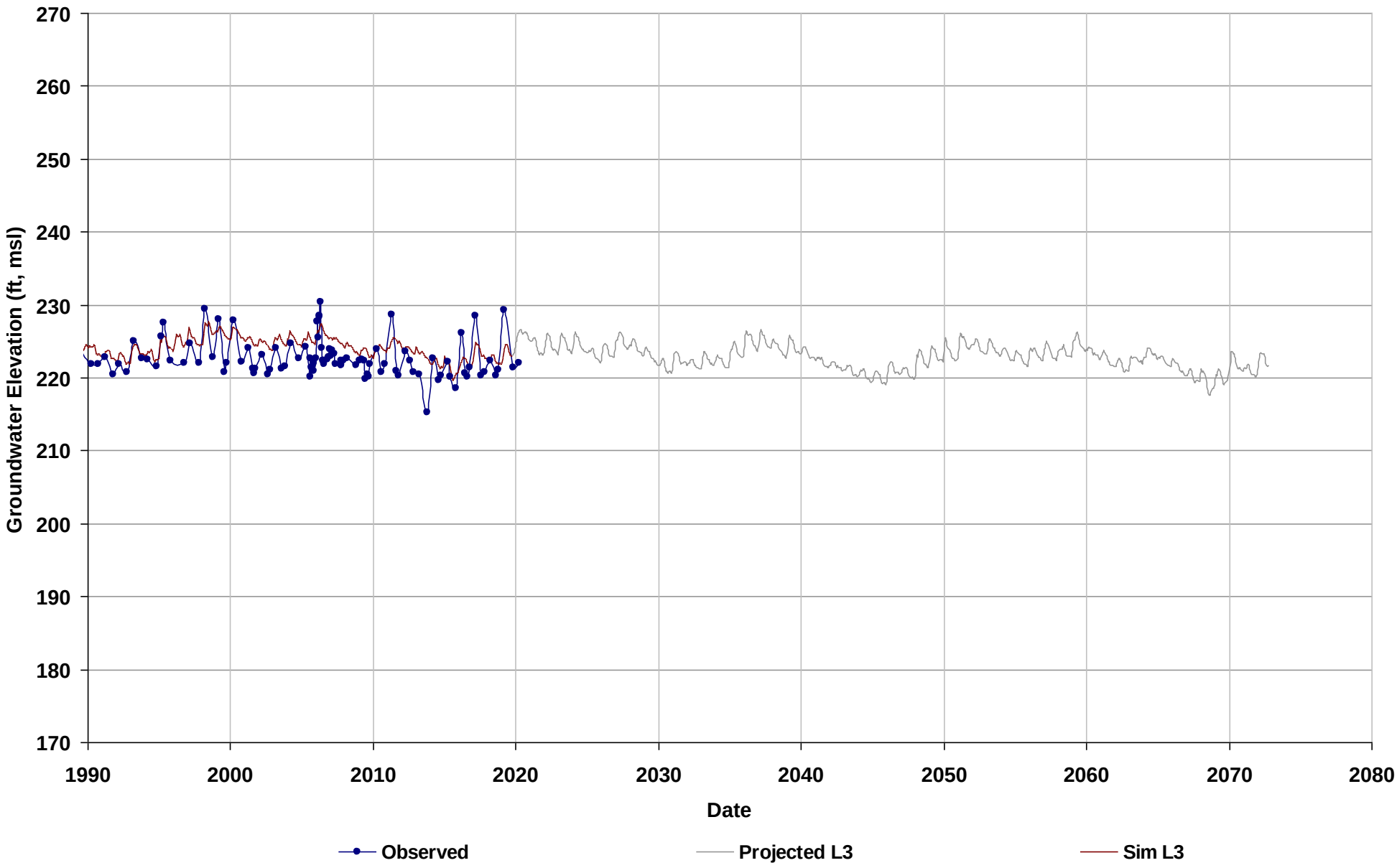
Total Depth (ft): 250
Perf Top (ft): 30
Perf Bottom (ft): 155
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 26N02W17E001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 240

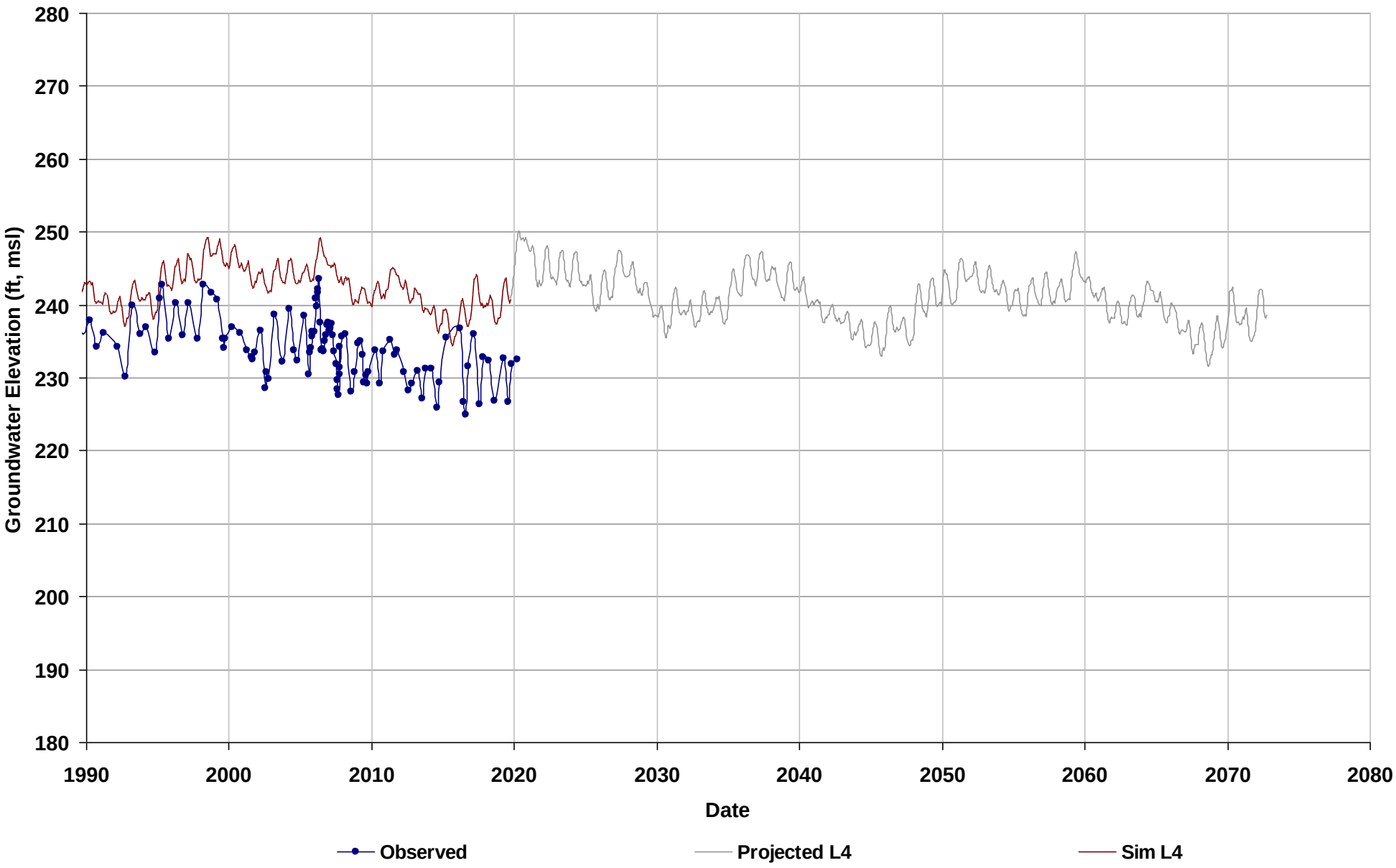
Total Depth (ft): 145
Perf Top (ft): 55
Perf Bottom (ft): 145
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 27N02W31C001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 263

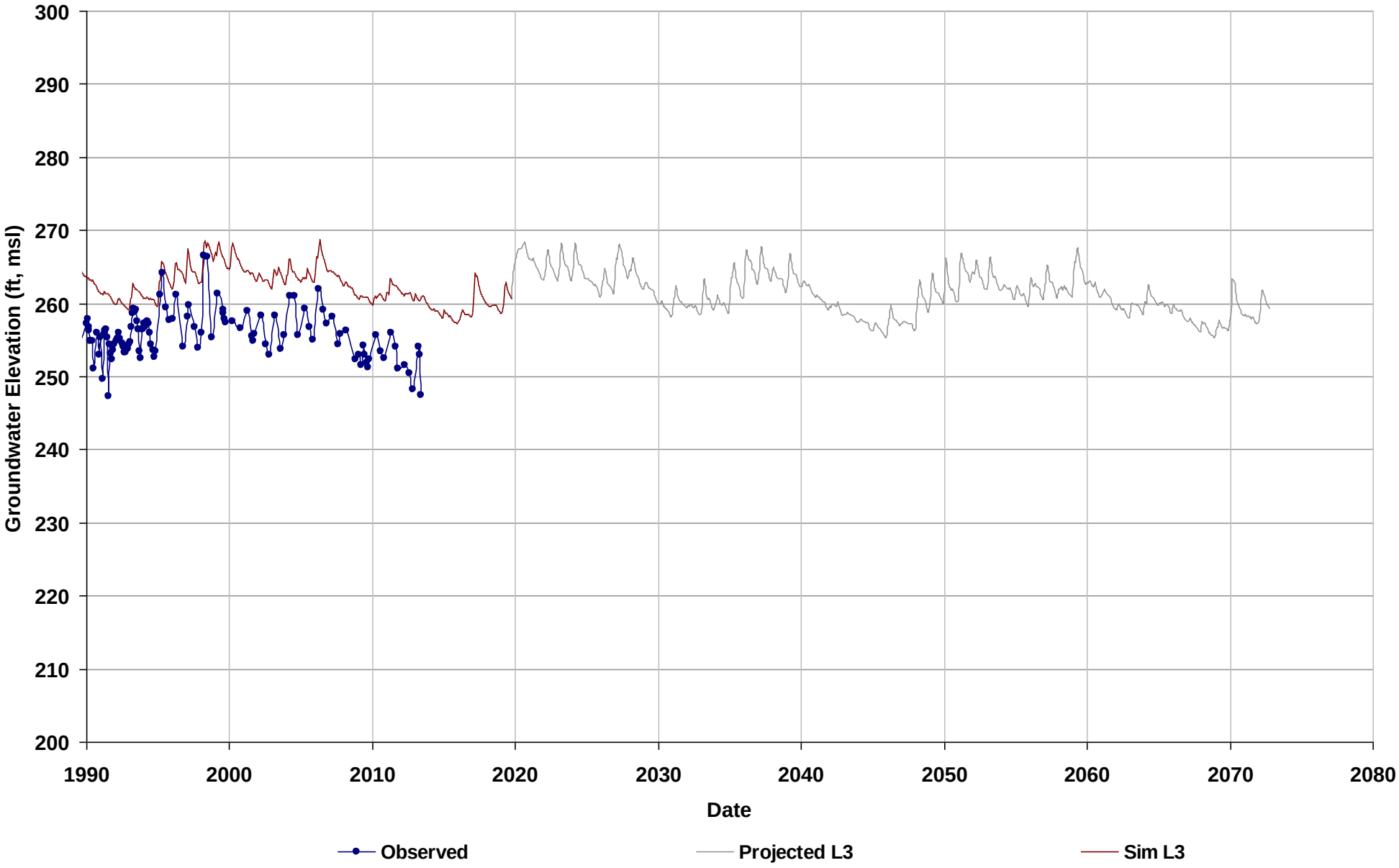
Total Depth (ft): 540
Perf Top (ft): 40
Perf Bottom (ft): 289
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 27N03W10B001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 312

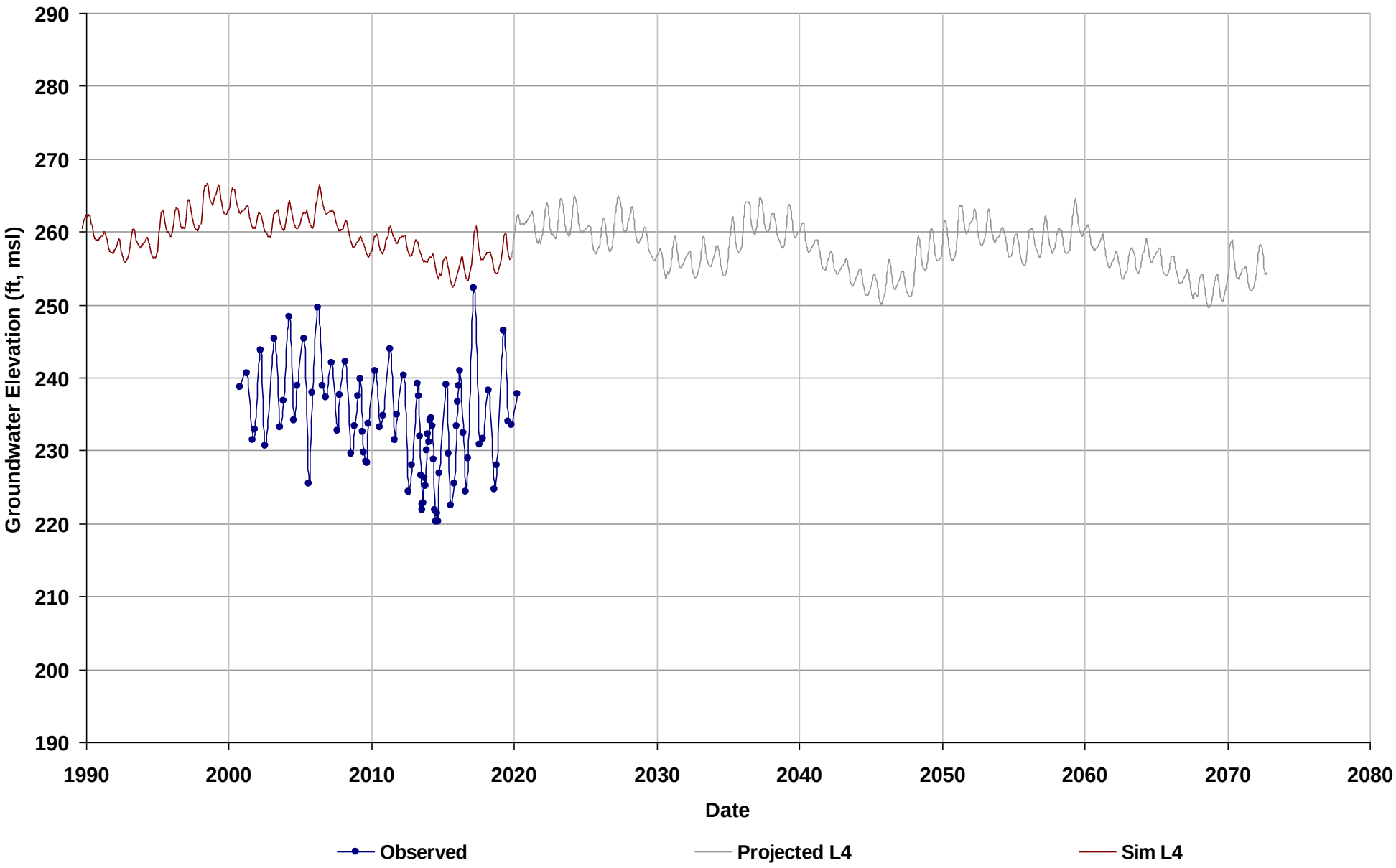
Total Depth (ft): 92
Perf Top (ft): 80
Perf Bottom (ft): 92
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 27N03W16K003M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 273

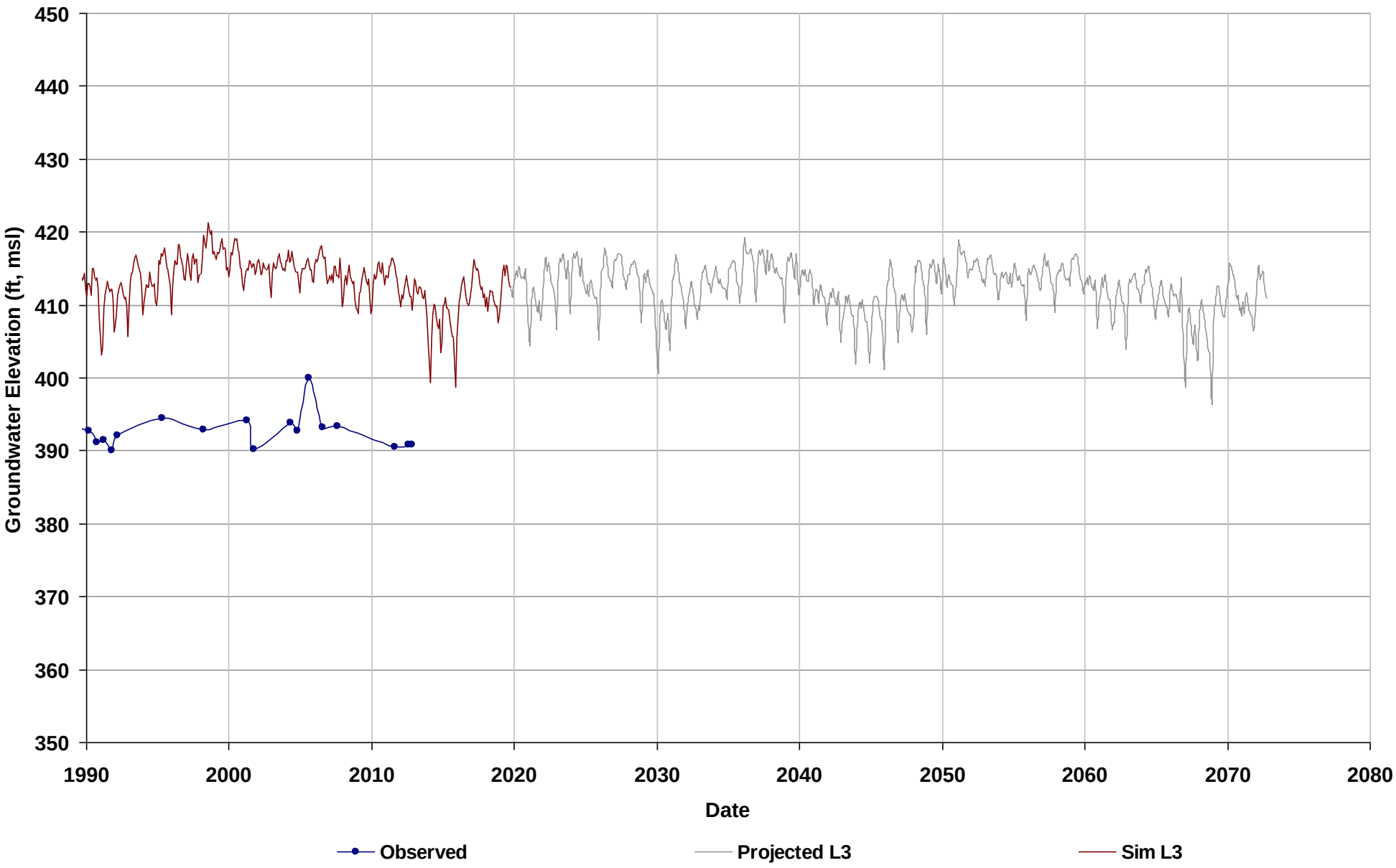
Total Depth (ft): 137
Perf Top (ft): 117
Perf Bottom (ft): 137
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N04W15E002M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 427

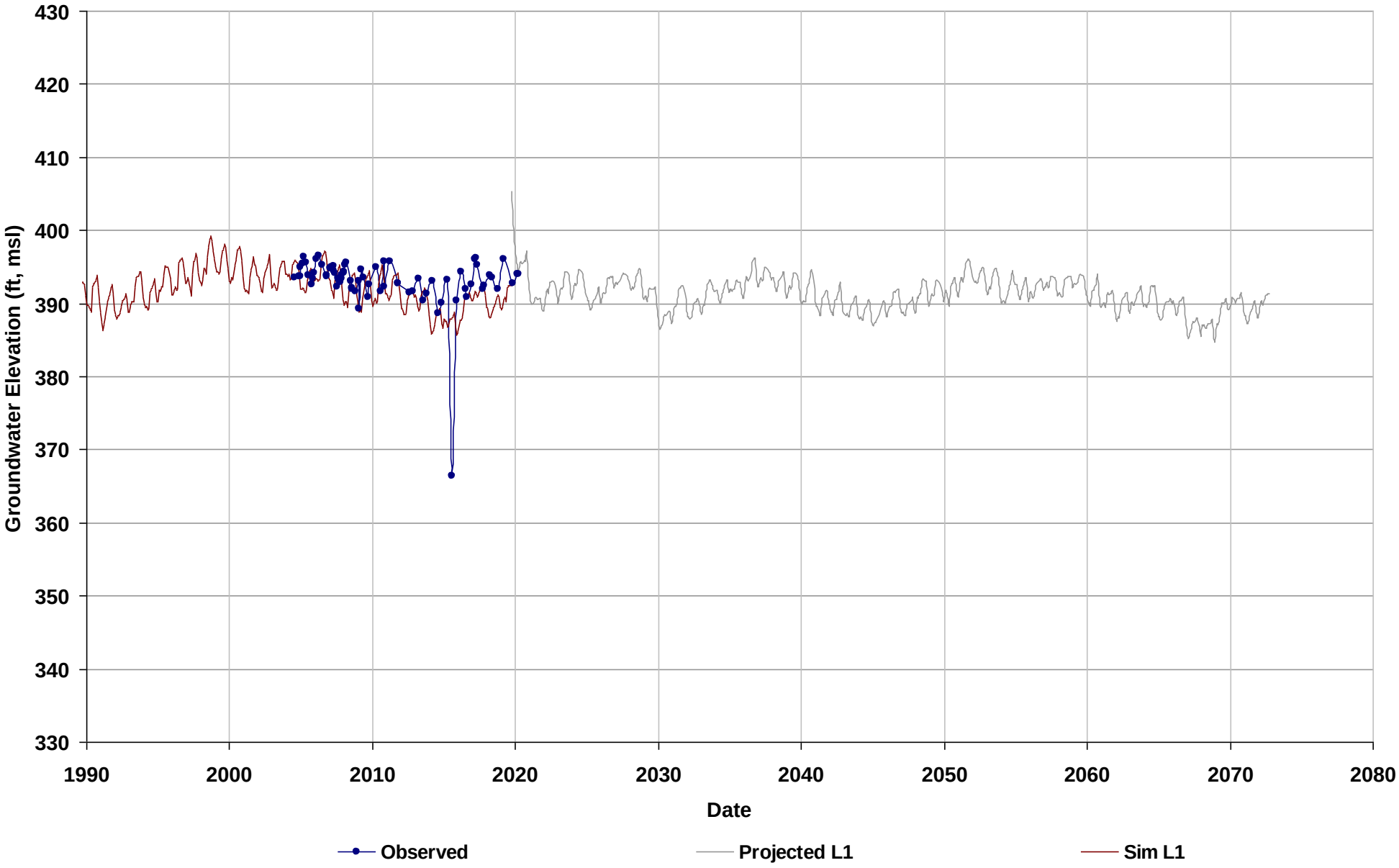
Total Depth (ft): 90
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N03W18M001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 418

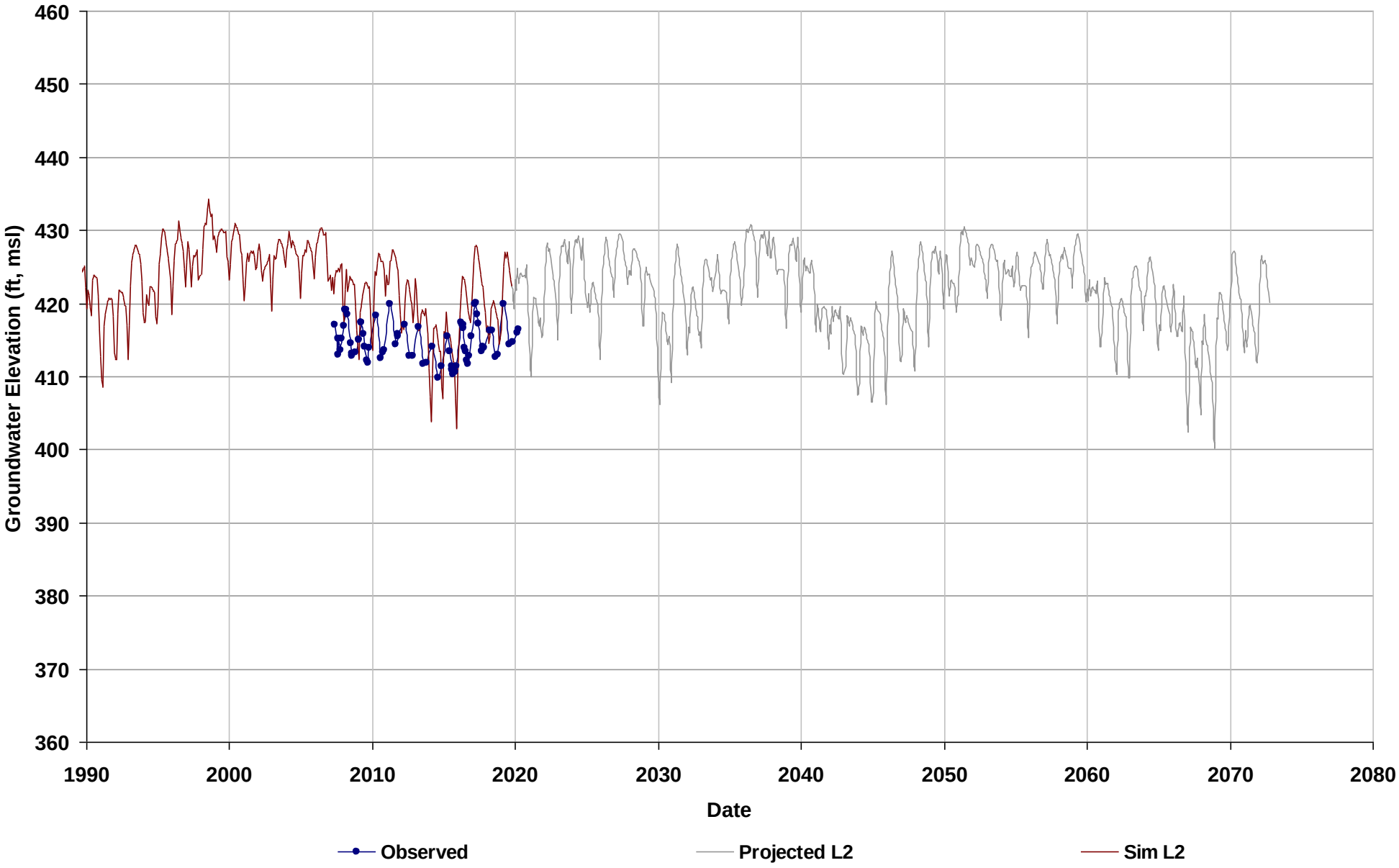
Total Depth (ft): 234
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N04W20A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

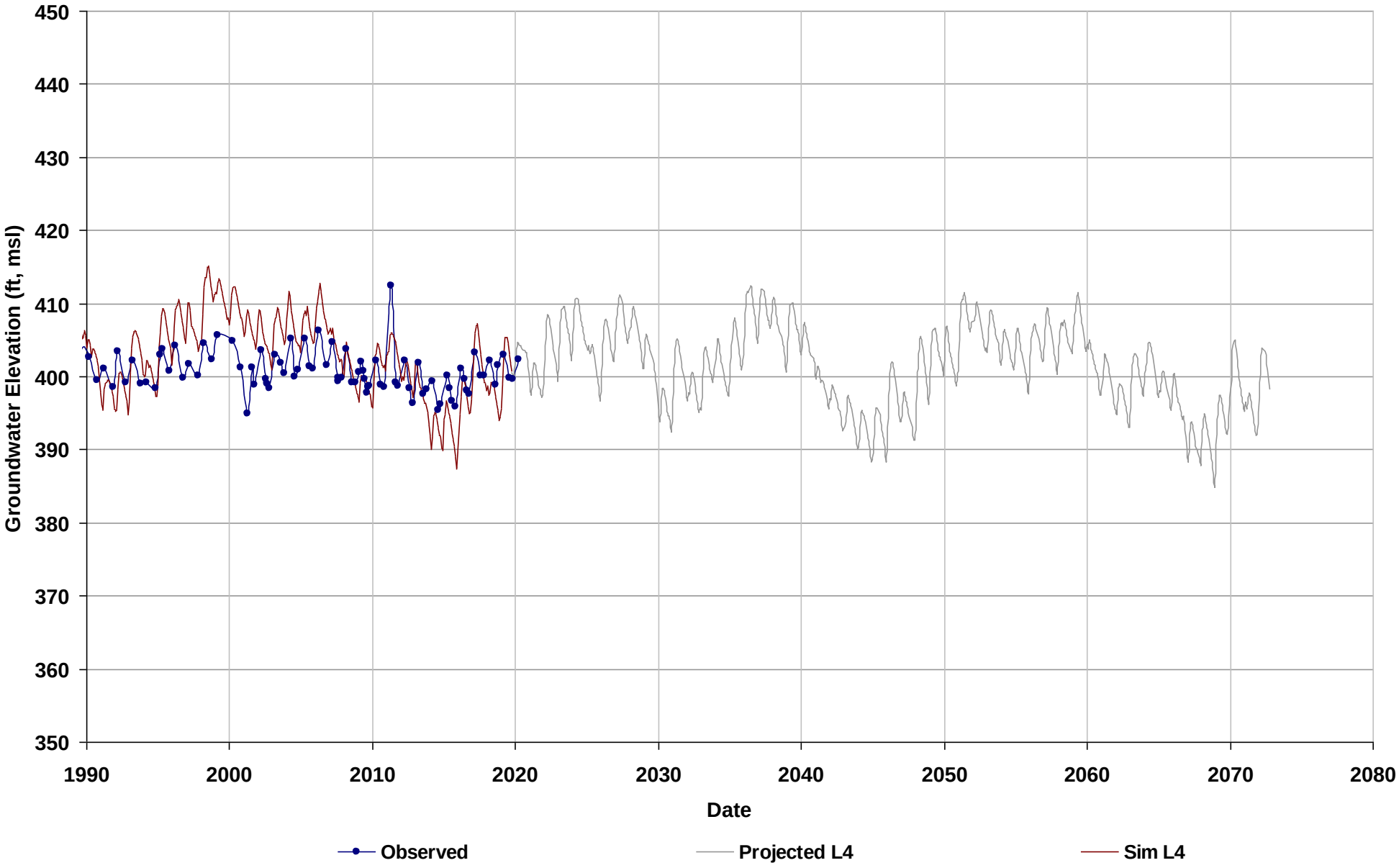
Total Depth (ft): 76
Perf Top (ft): 50
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N04W28D001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 502

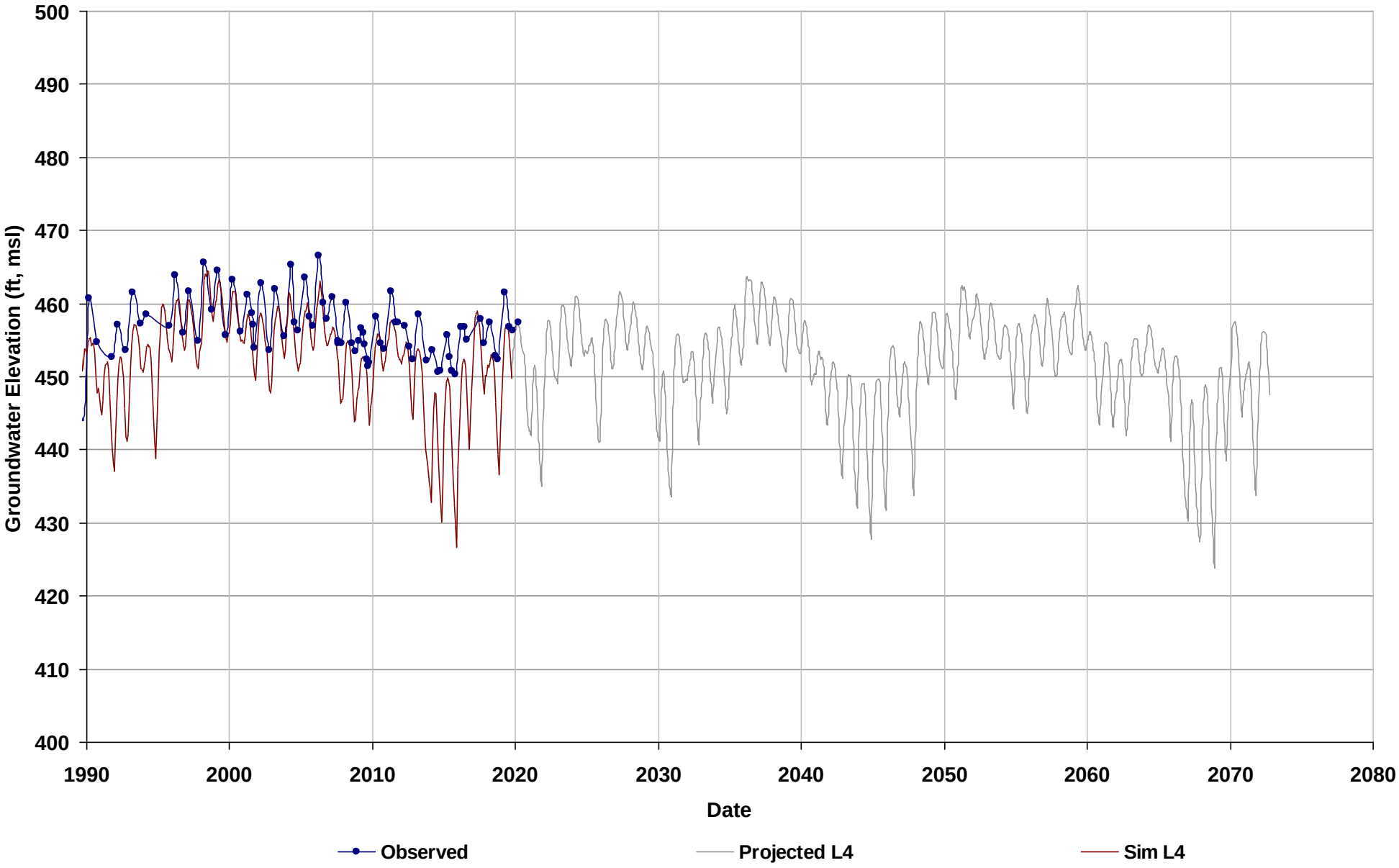
Total Depth (ft): 134
Perf Top (ft): 114
Perf Bottom (ft): 134
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N05W14L001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 492

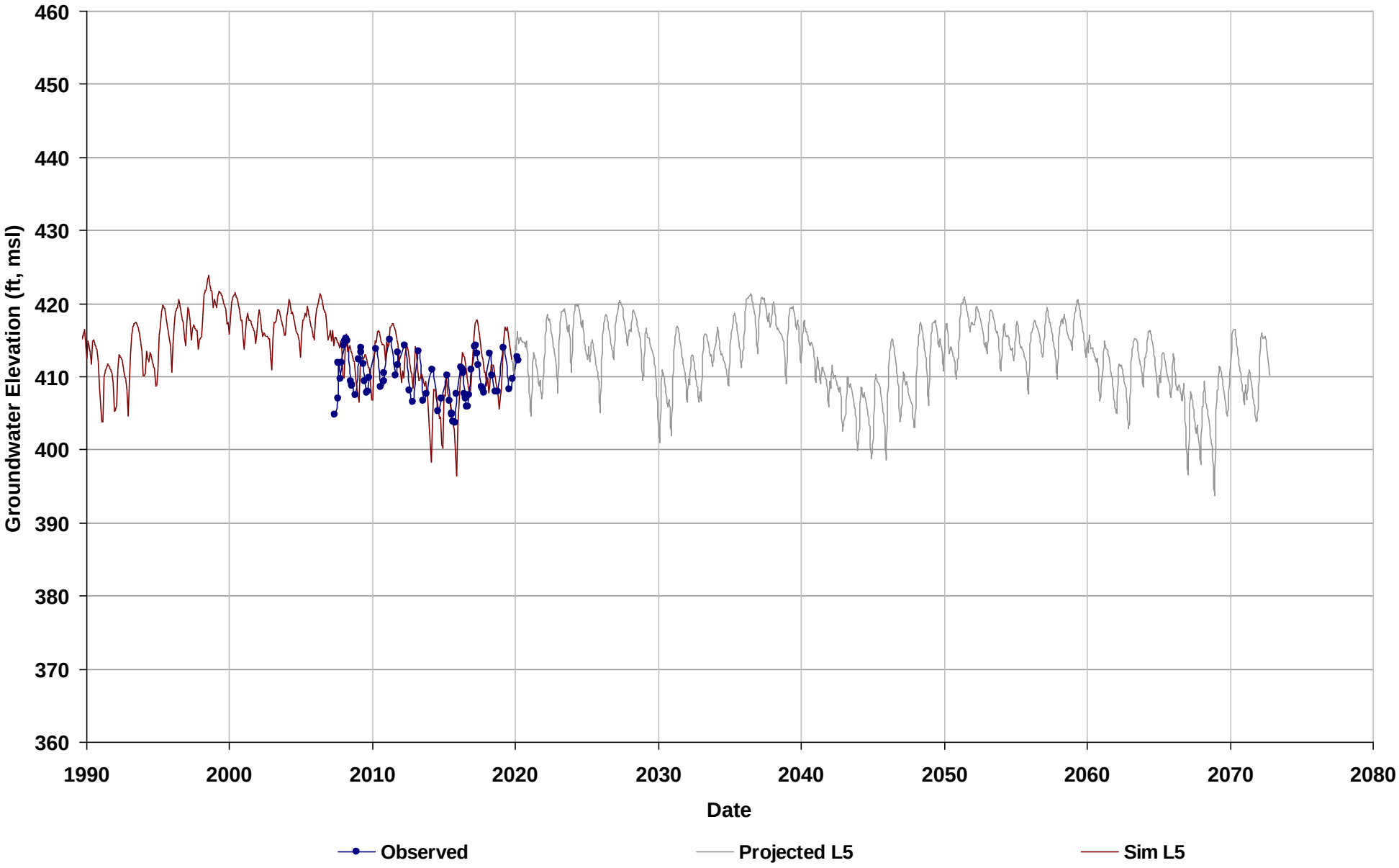
Total Depth (ft): 130
Perf Top (ft): 110
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N04W20A003M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

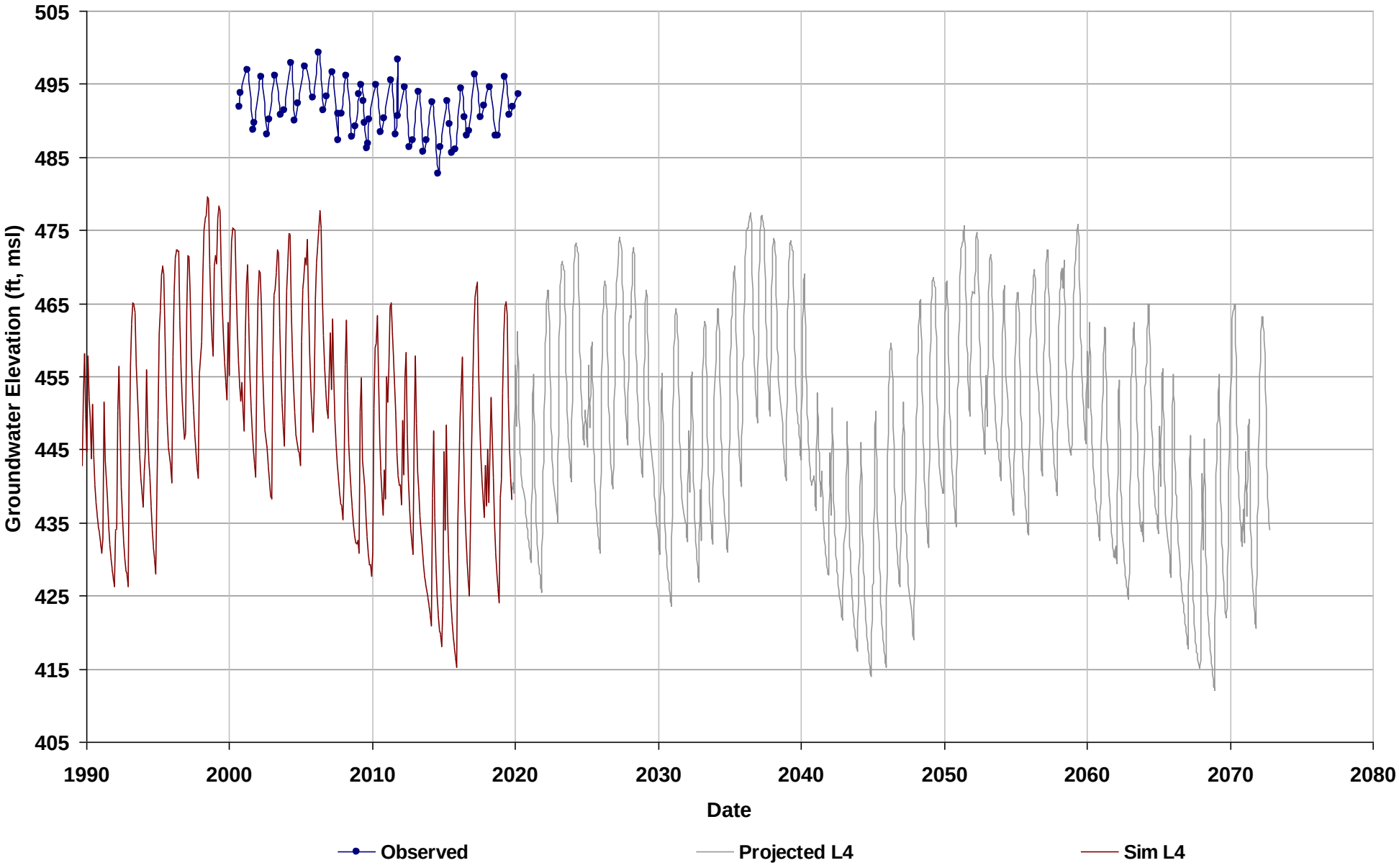
Total Depth (ft): 194
Perf Top (ft): 154
Perf Bottom (ft): 189
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N05W33A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 534

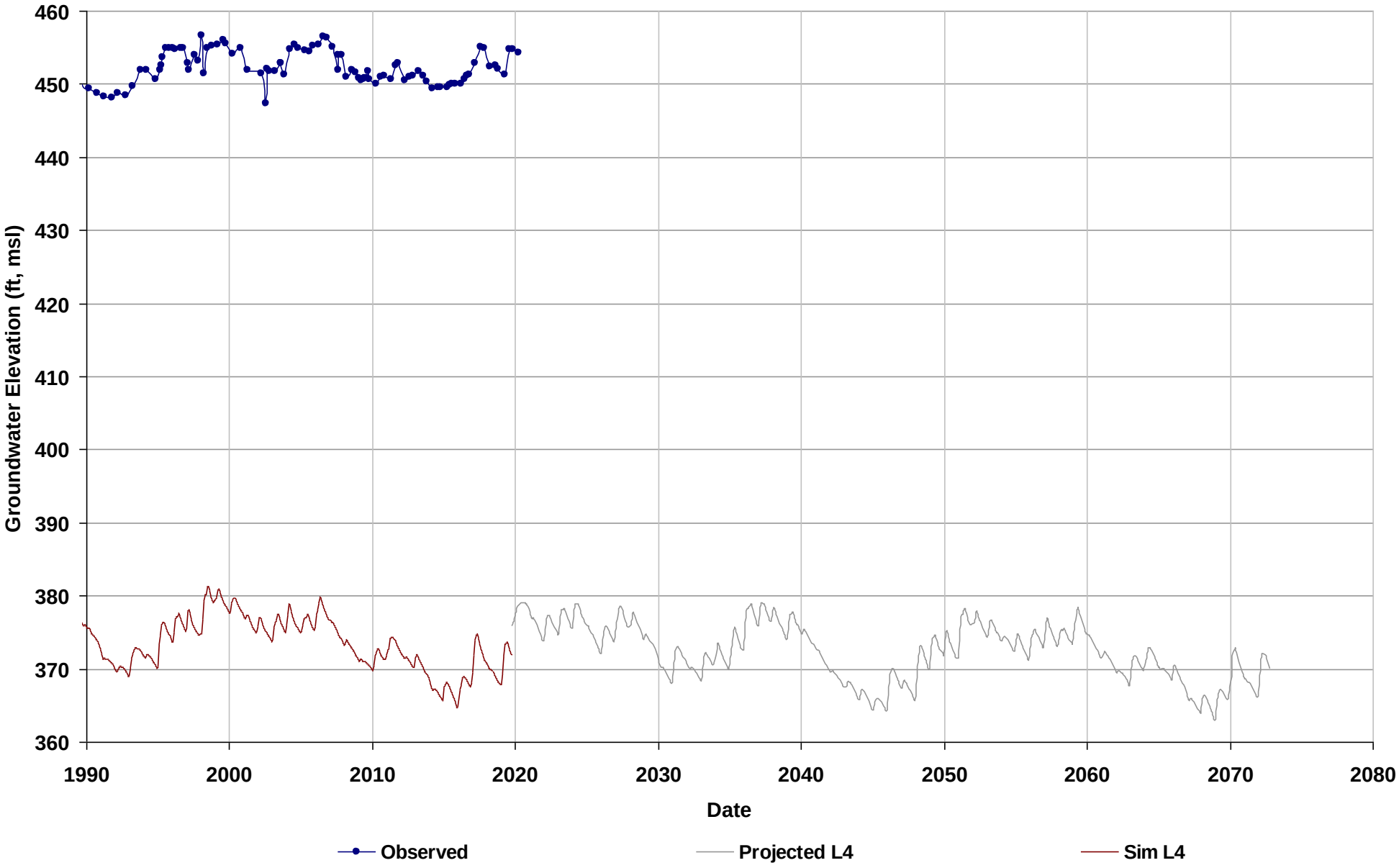
Total Depth (ft): 210
Perf Top (ft): 110
Perf Bottom (ft): 210
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N04W35B001M
Depth Zone: Composite
Subbasin: Bowman
GSE (ft, msl): 537

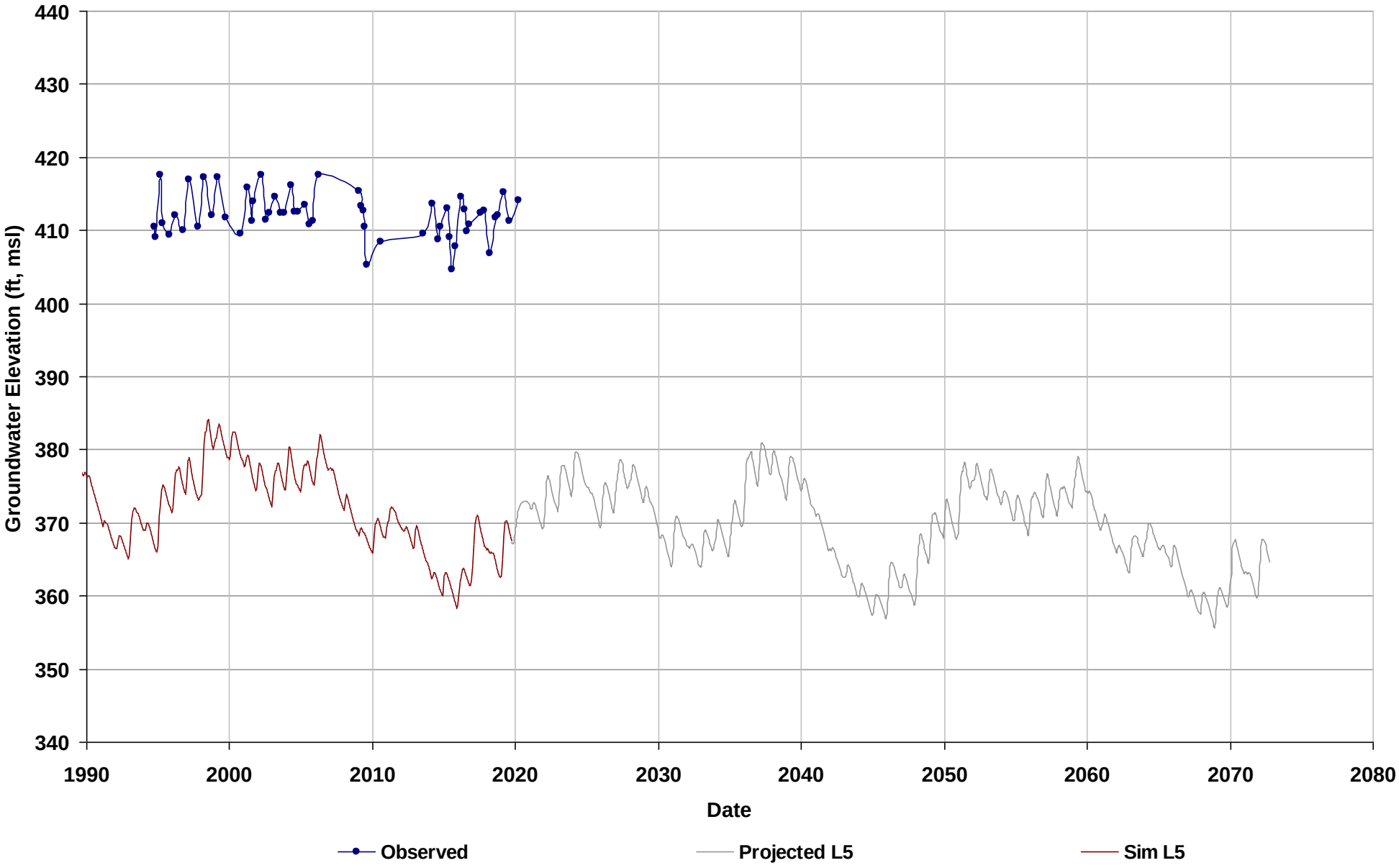
Total Depth (ft): 759
Perf Top (ft): 130
Perf Bottom (ft): 759
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 28N04W04P001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 537

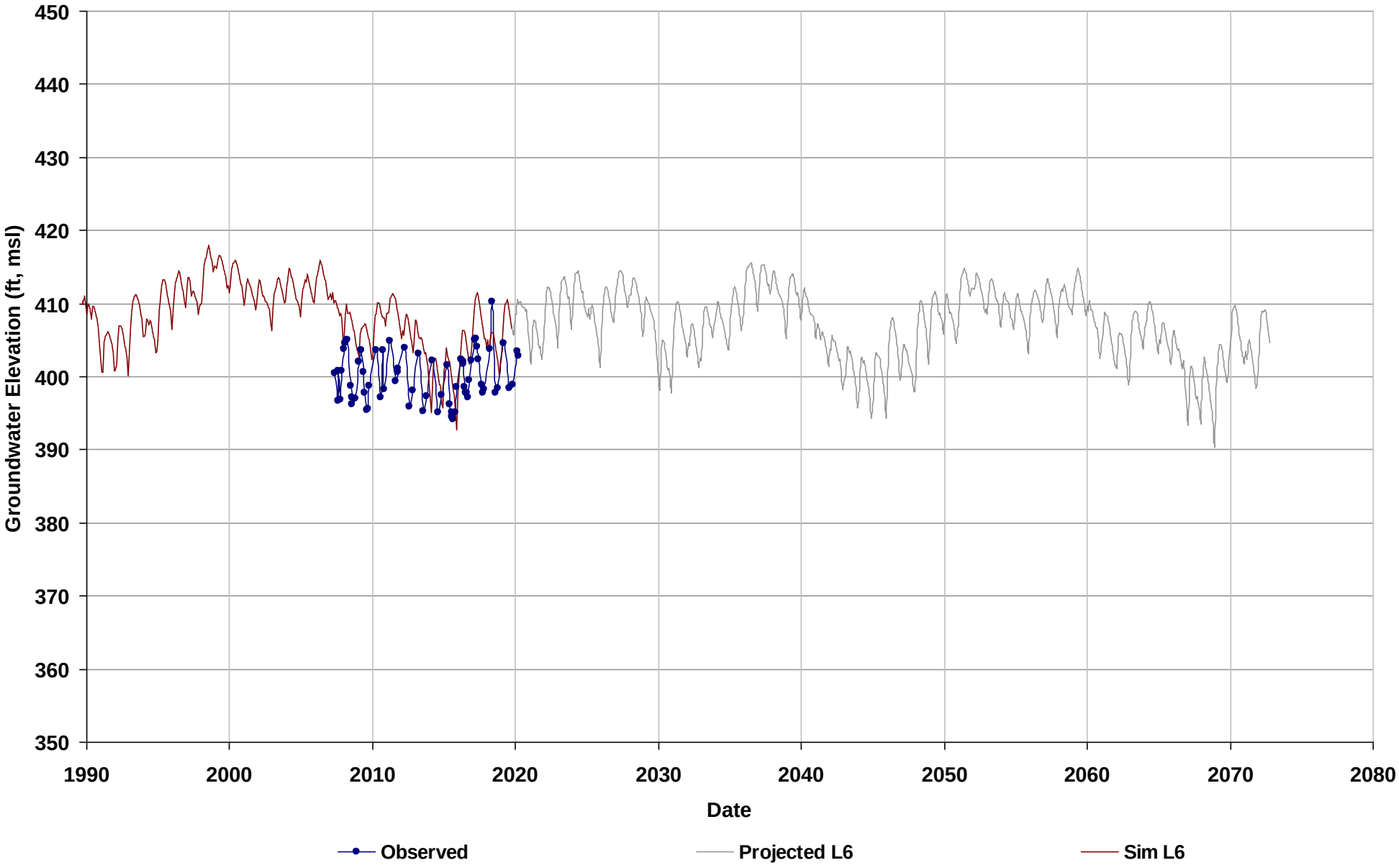
Total Depth (ft): 270
Perf Top (ft): 200
Perf Bottom (ft): 270
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N04W20A002M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

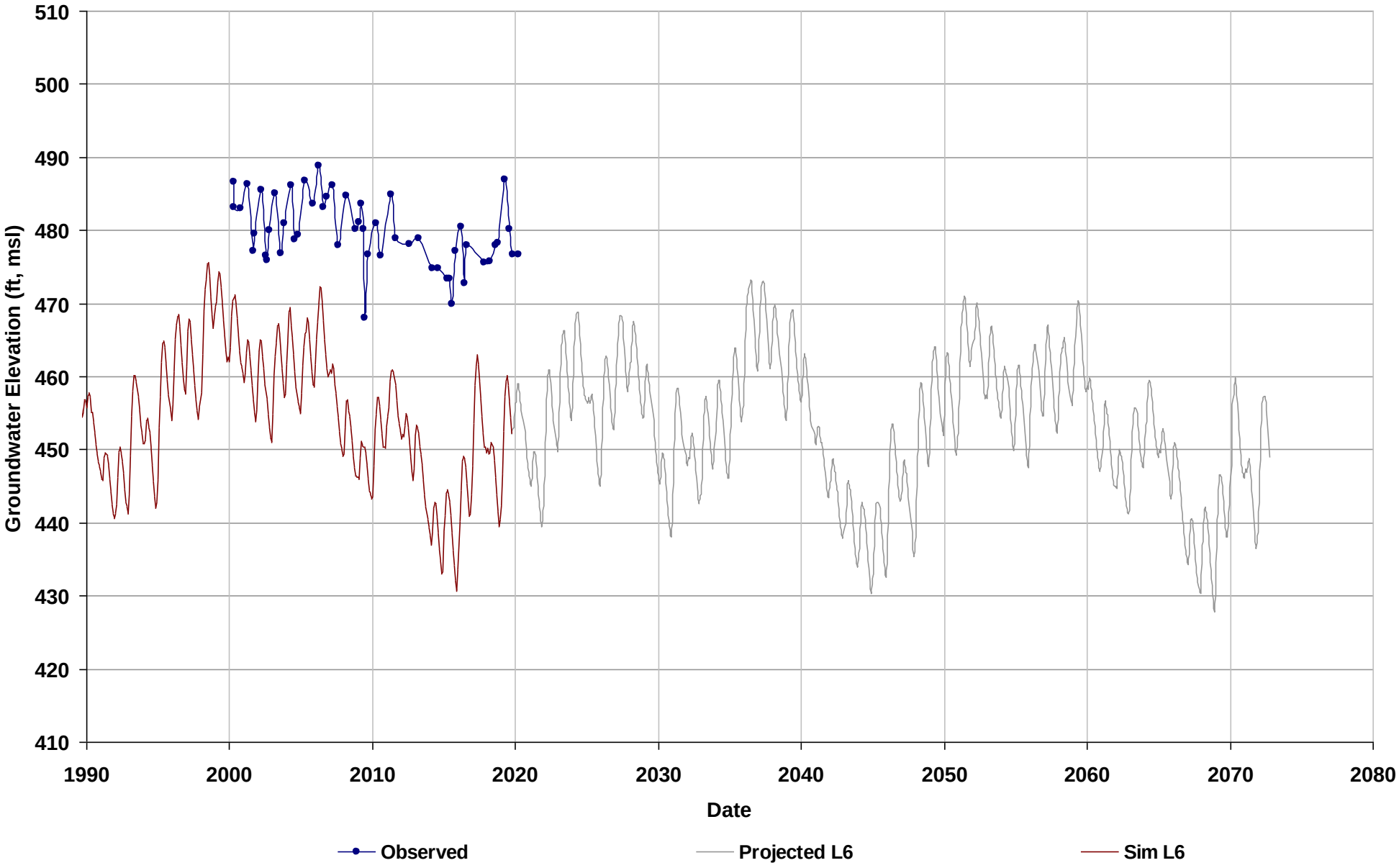
Total Depth (ft): 451
Perf Top (ft): 360
Perf Bottom (ft): 430
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N05W21H001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 622

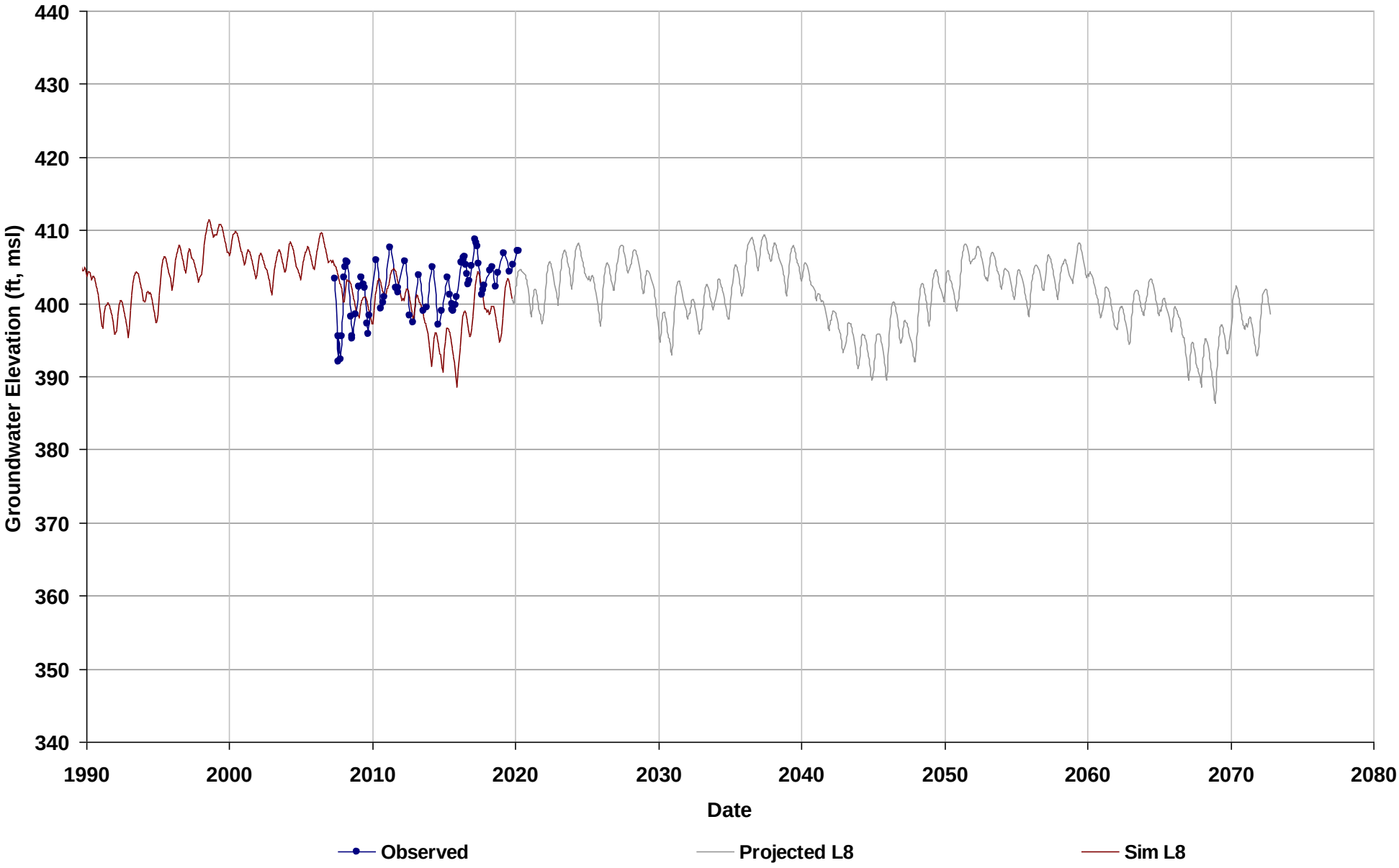
Total Depth (ft): 280
Perf Top (ft): 250
Perf Bottom (ft): 280
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N04W20A001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

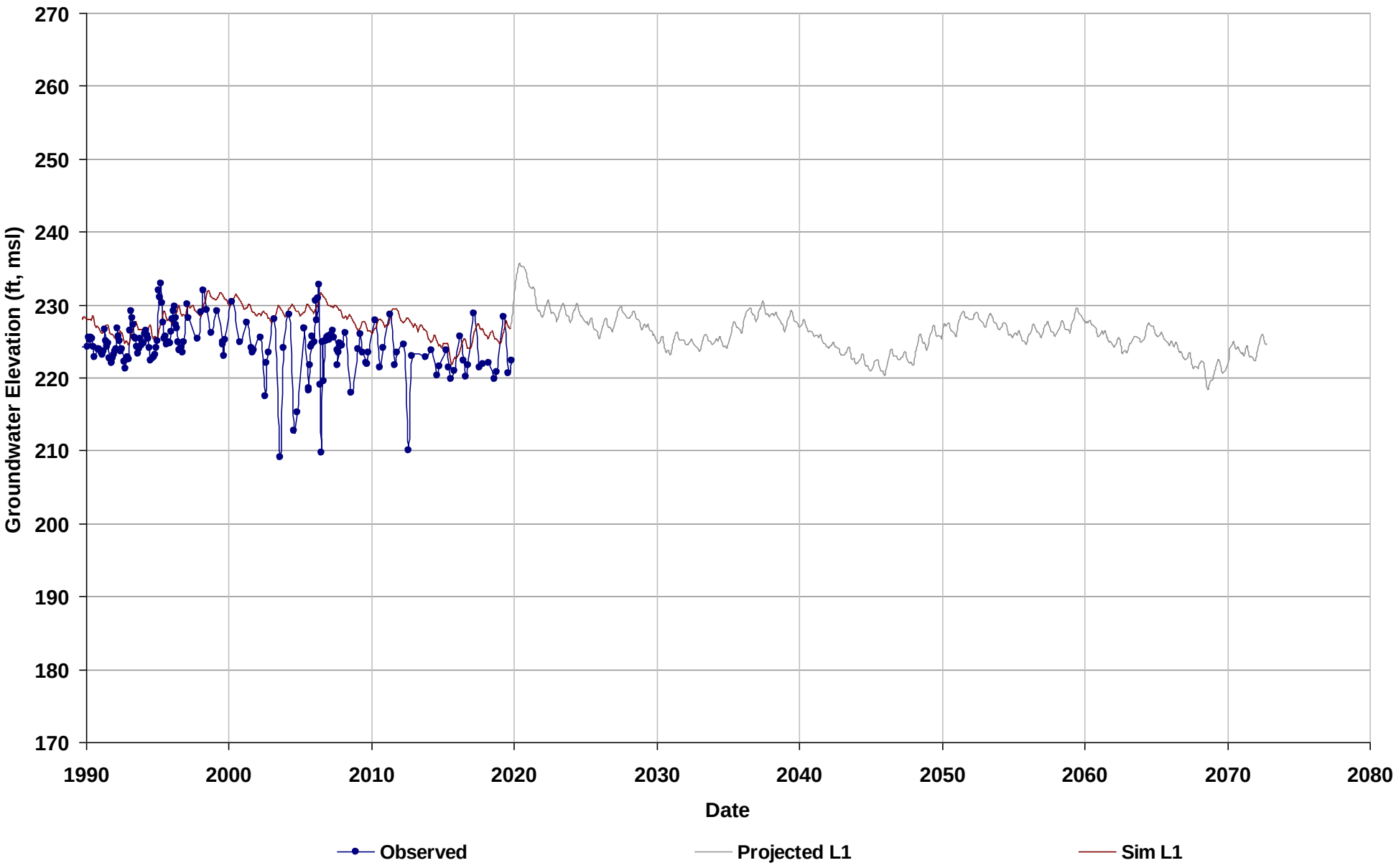
Total Depth (ft): 876
Perf Top (ft): 755
Perf Bottom (ft): 855
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 26N02W16C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 242

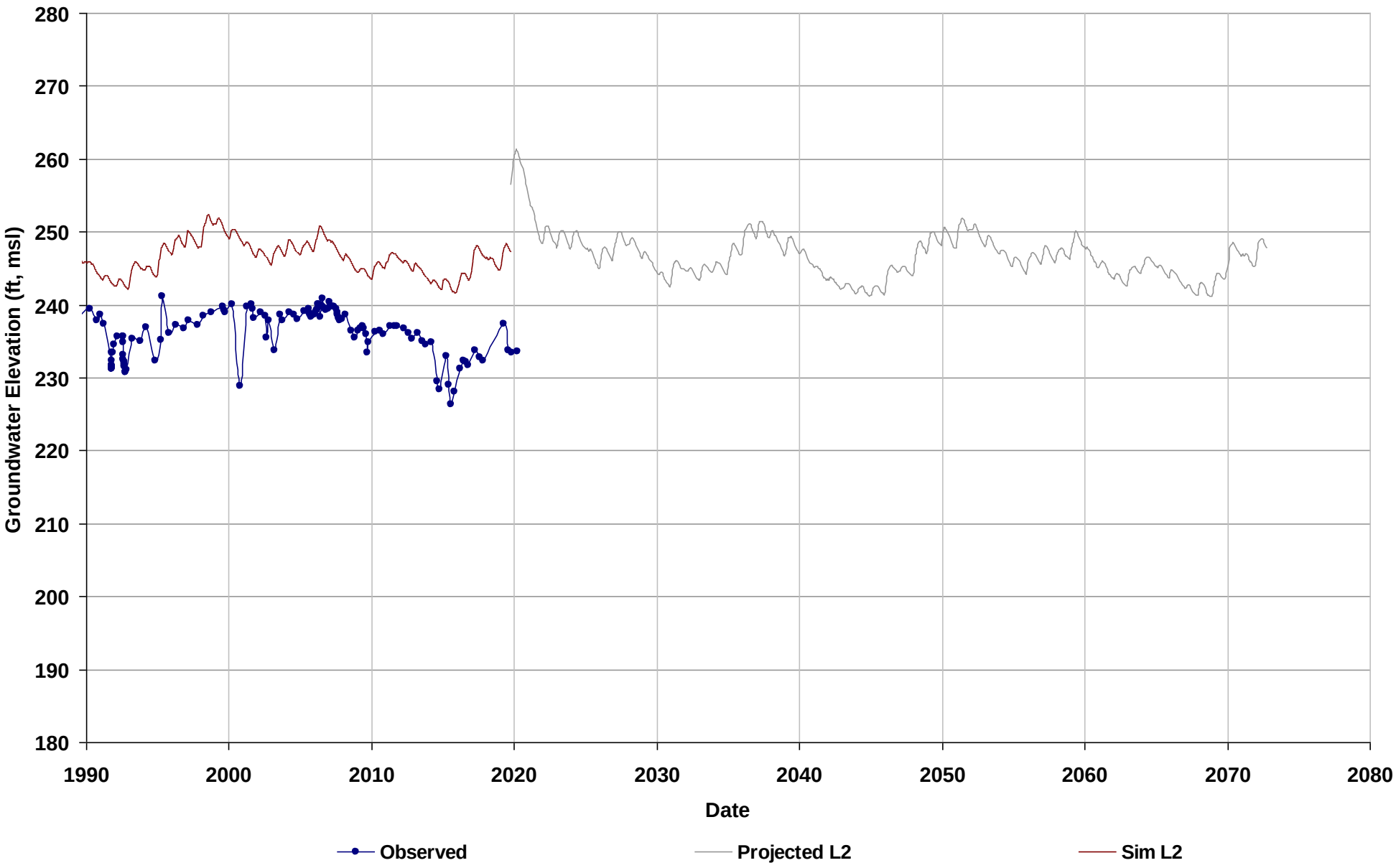
Total Depth (ft): 50
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 26N02W14G001M
Depth Zone: Likely Composite
Subbasin: Los Molinos
GSE (ft, msl): 314

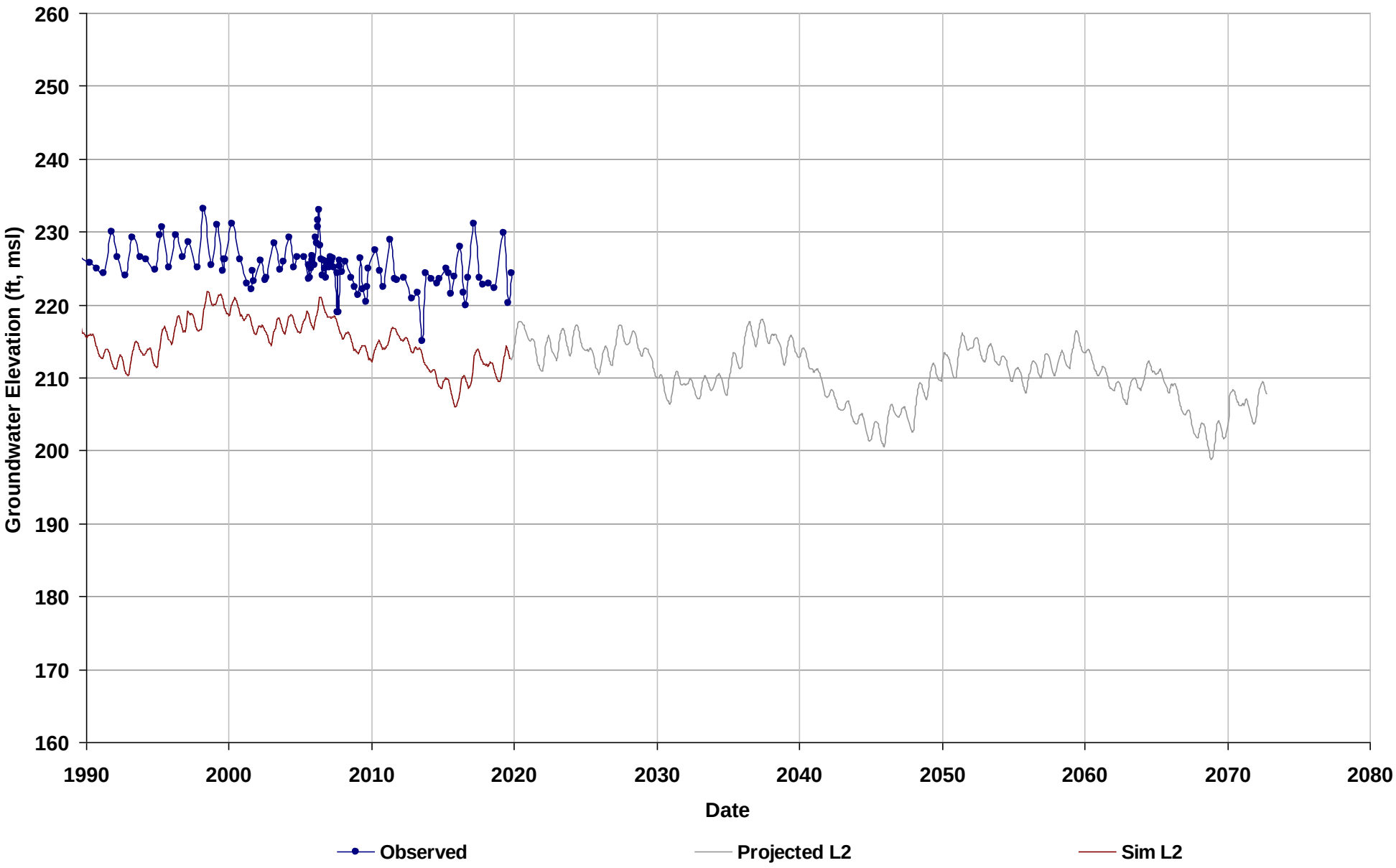
Total Depth (ft): 394
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

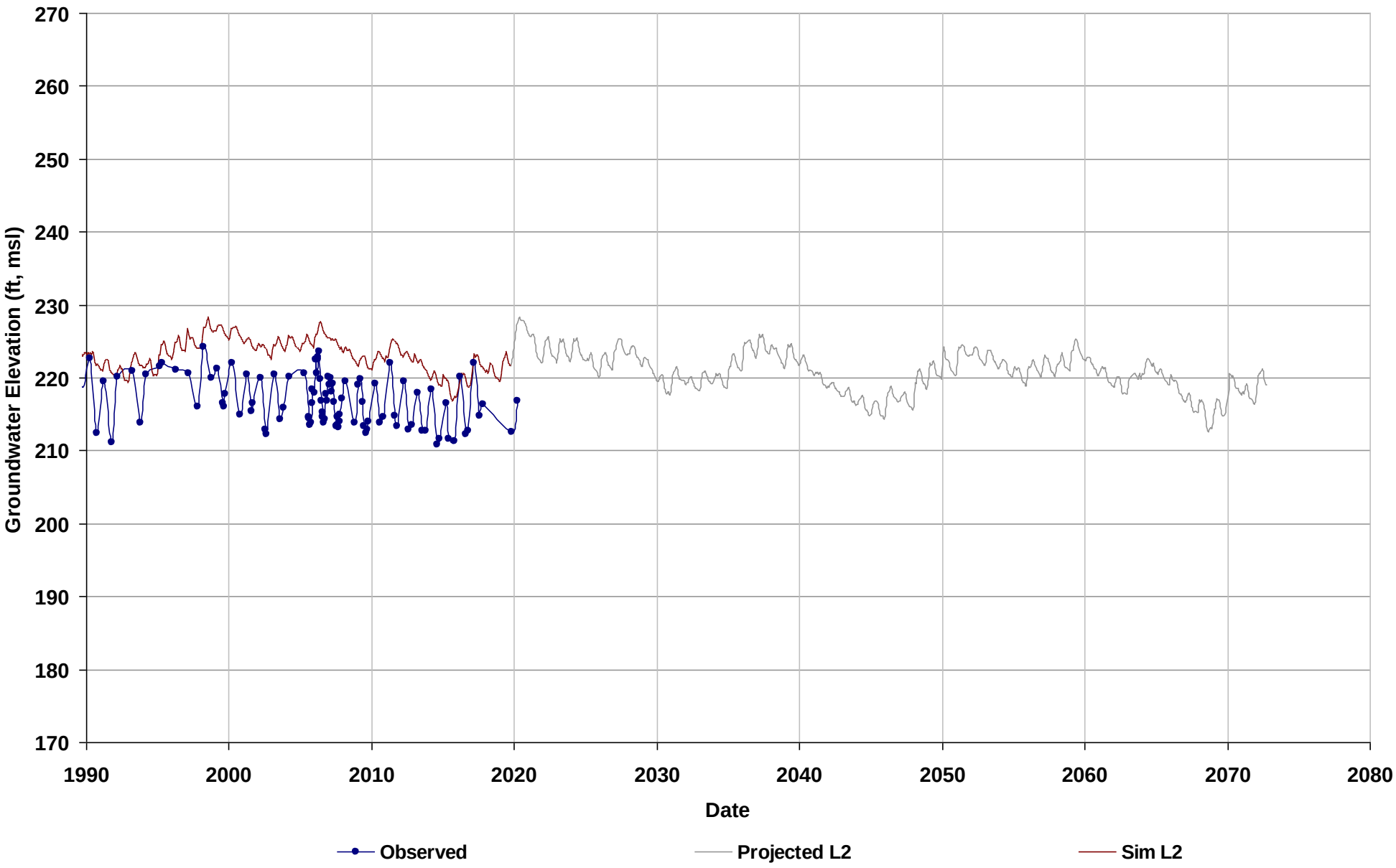
Well Name: 25N02W09G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 264

Total Depth (ft): 60
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Well Name: 26N02W21Q001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 237

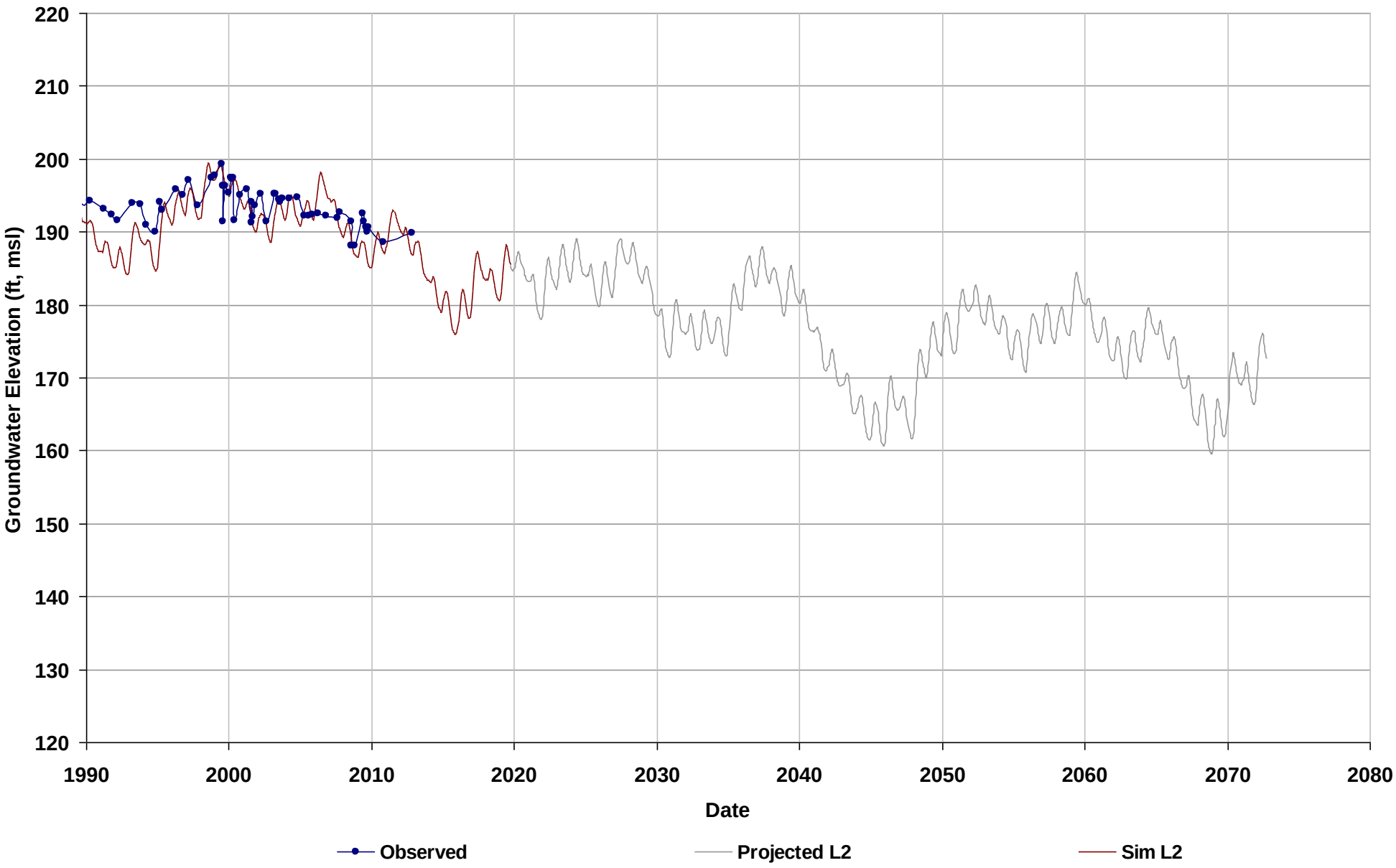
Total Depth (ft): 55
Perf Top (ft): 48
Perf Bottom (ft): 55
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 24N01W18N001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 256

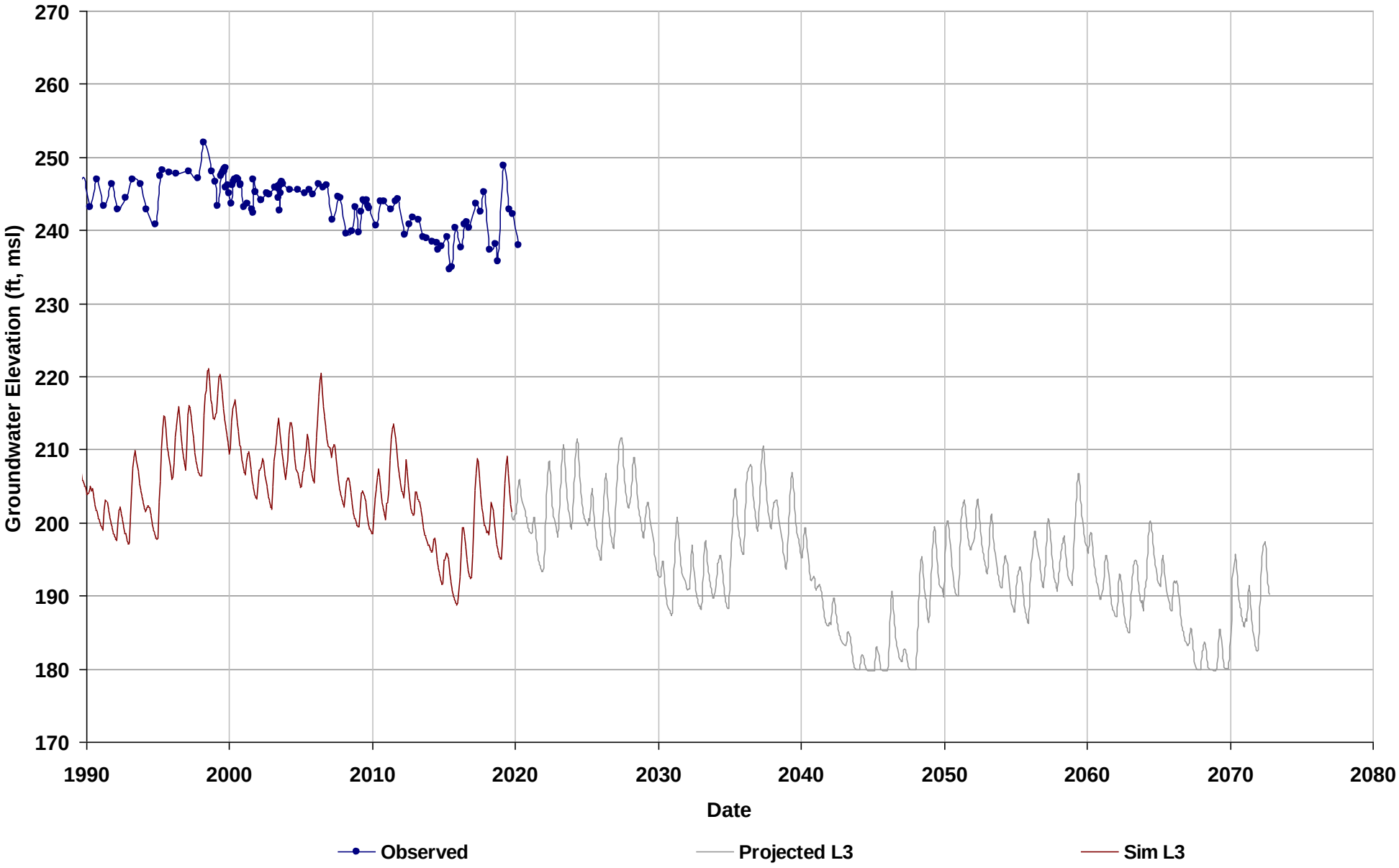
Total Depth (ft): 102
Perf Top (ft): 64
Perf Bottom (ft): 76
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 24N01W05Q002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 289

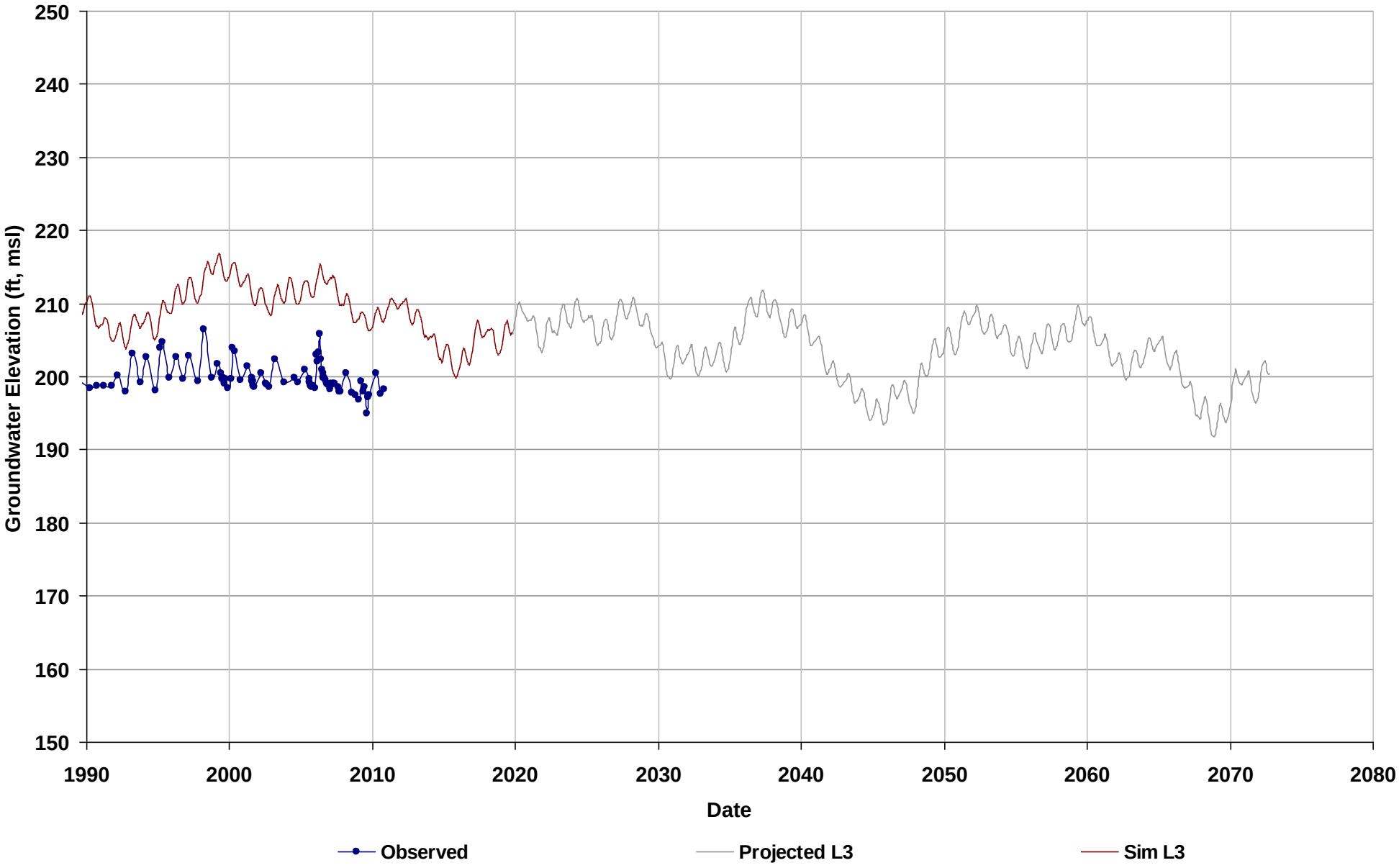
Total Depth (ft): 150
Perf Top (ft): 60
Perf Bottom (ft): 150
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 25N02W21B001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 212

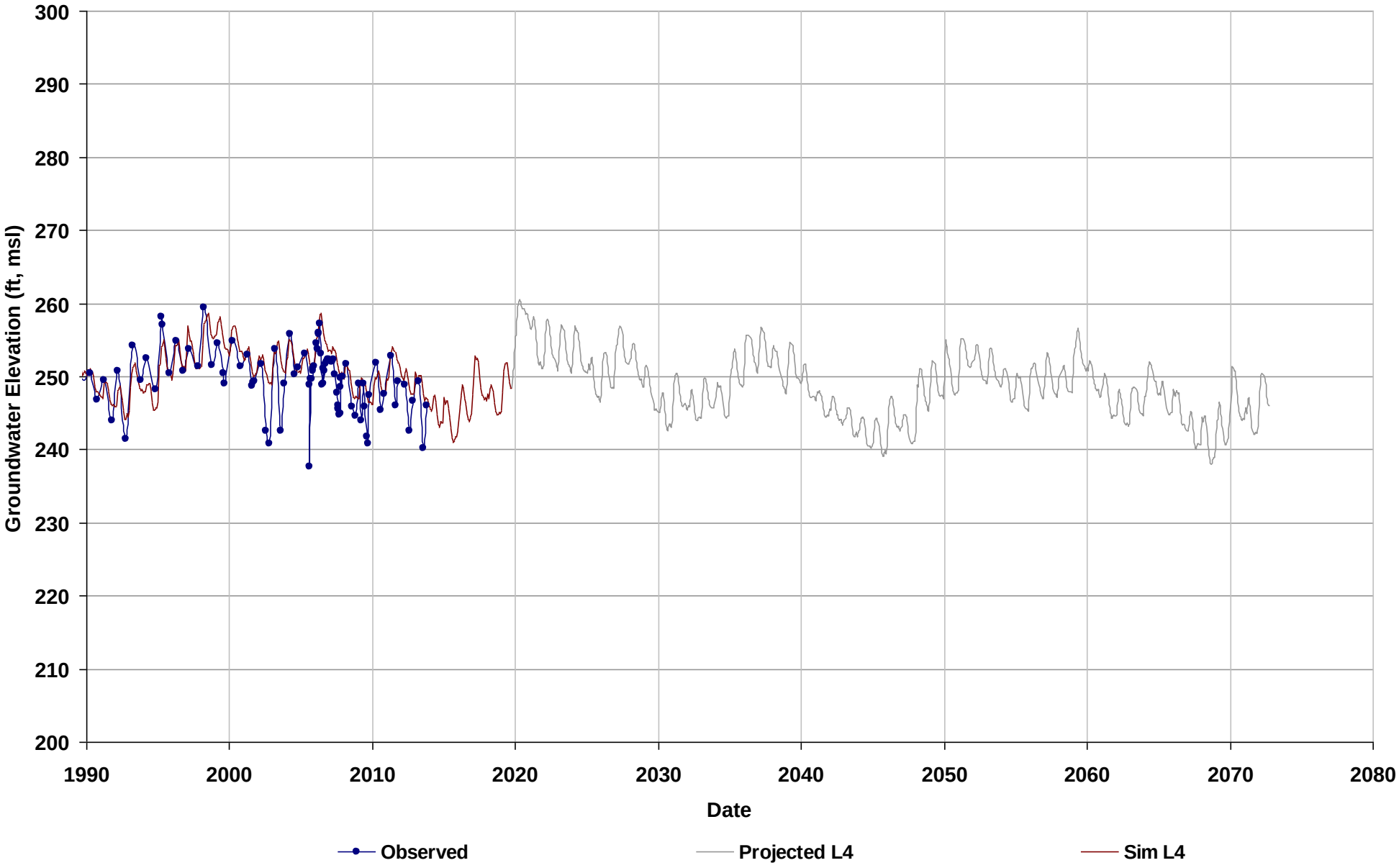
Total Depth (ft): 110
Perf Top (ft): 52
Perf Bottom (ft): 110
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 27N02W30C002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 282

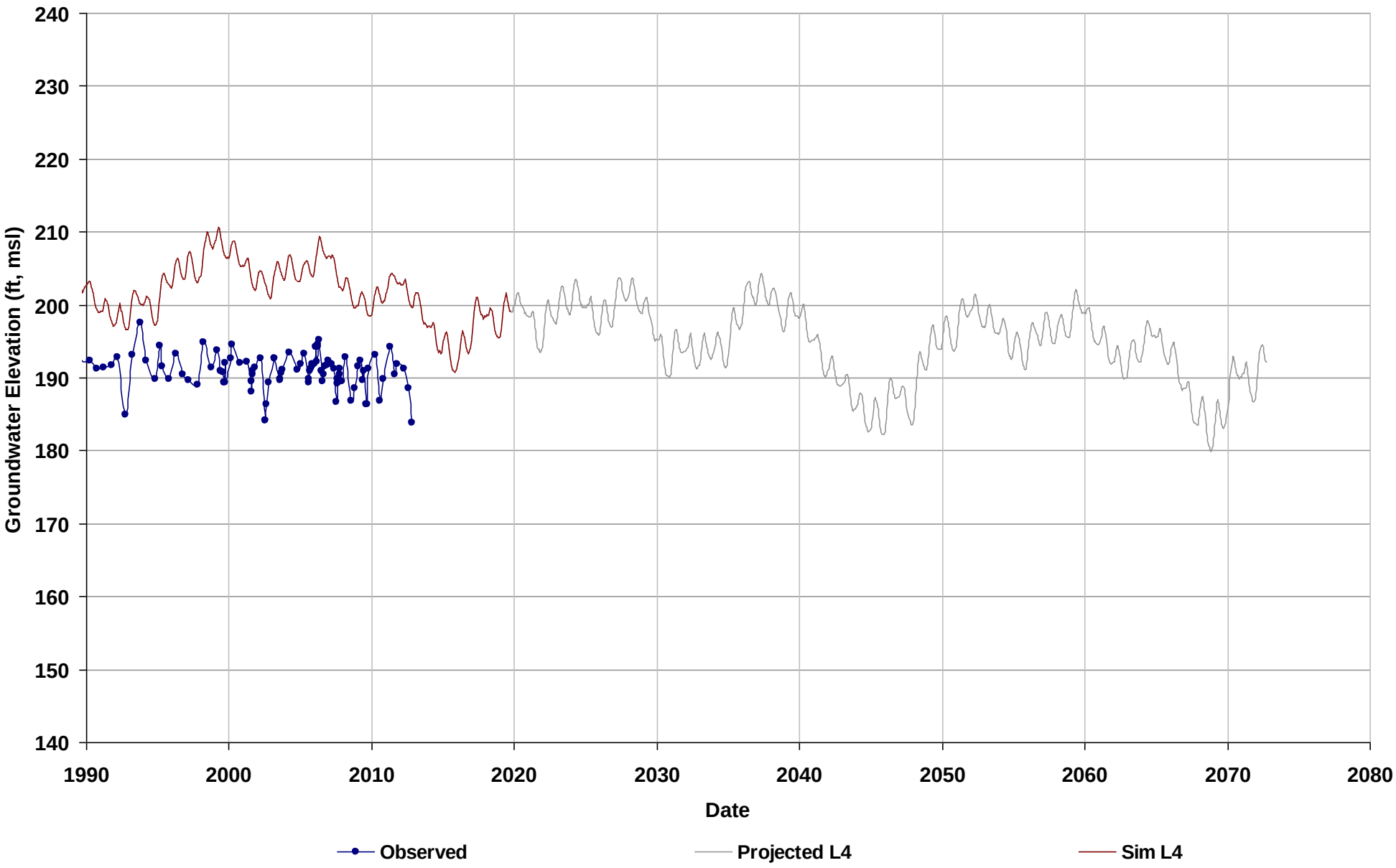
Total Depth (ft): 296
Perf Top (ft): 50
Perf Bottom (ft): 163
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 25N02W34K001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 206

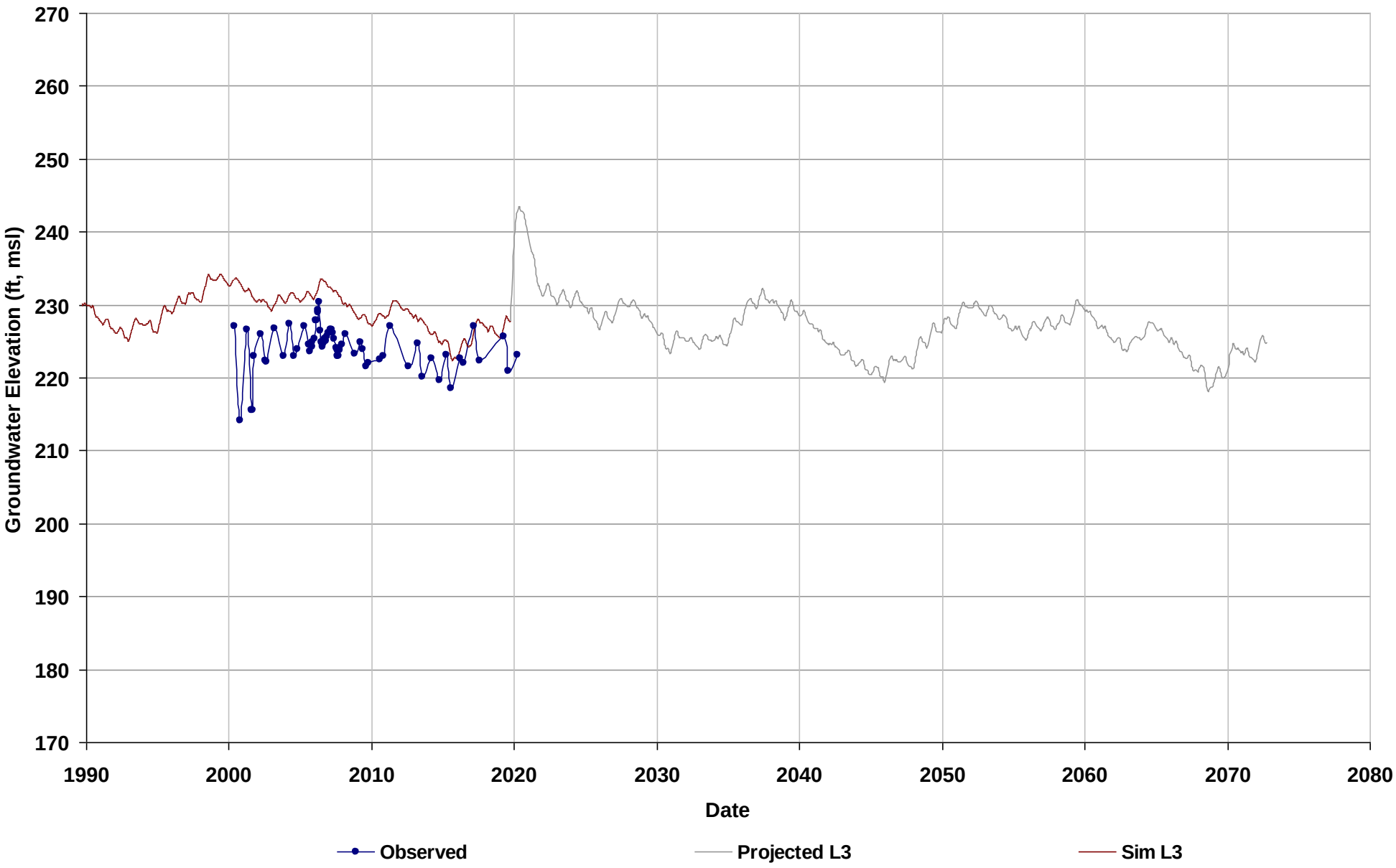
Total Depth (ft): 235
Perf Top (ft): 46
Perf Bottom (ft): 213
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 26N02W15C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 260

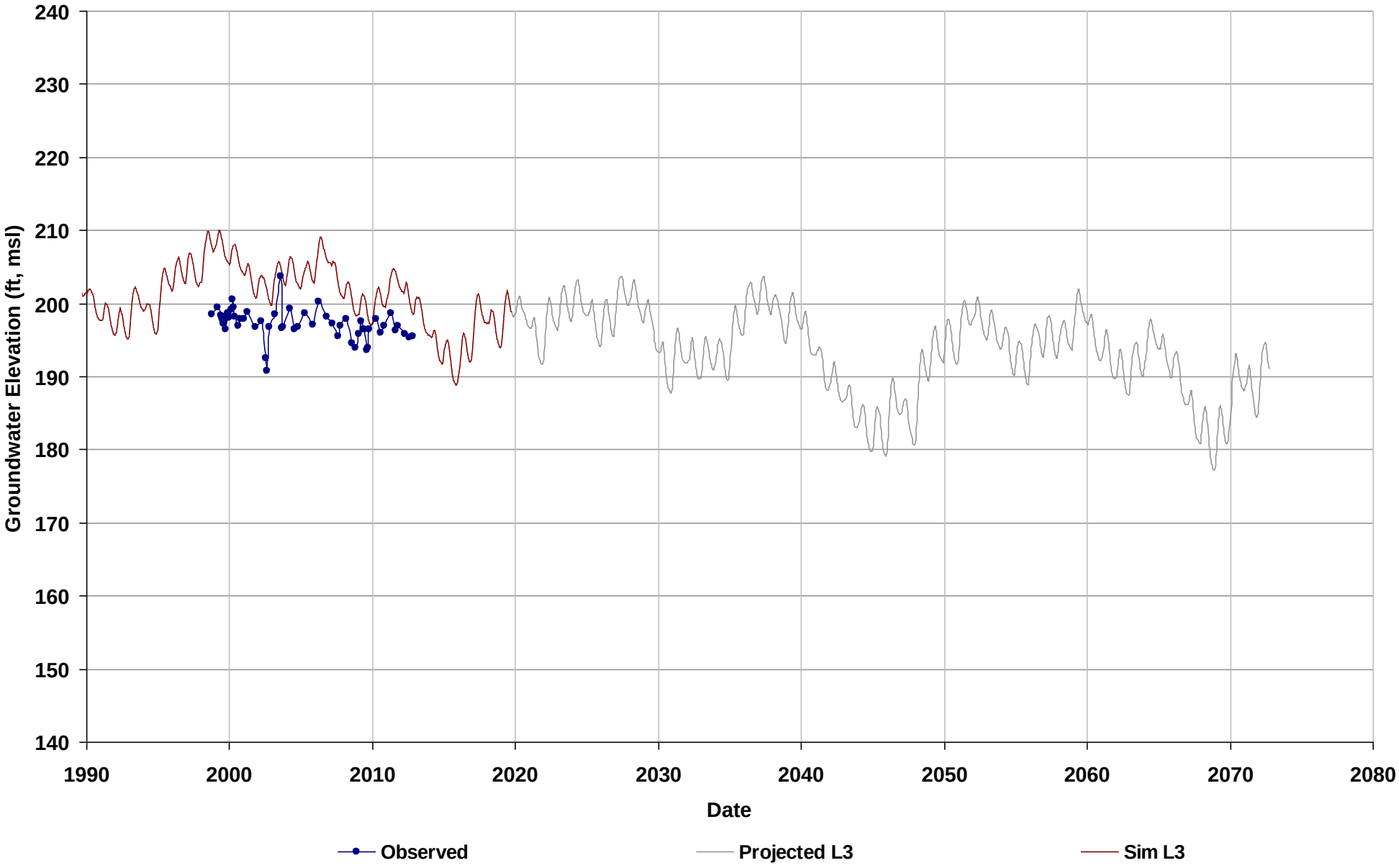
Total Depth (ft): 100
Perf Top (ft): 78
Perf Bottom (ft): 100
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 24N02W02E001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 202

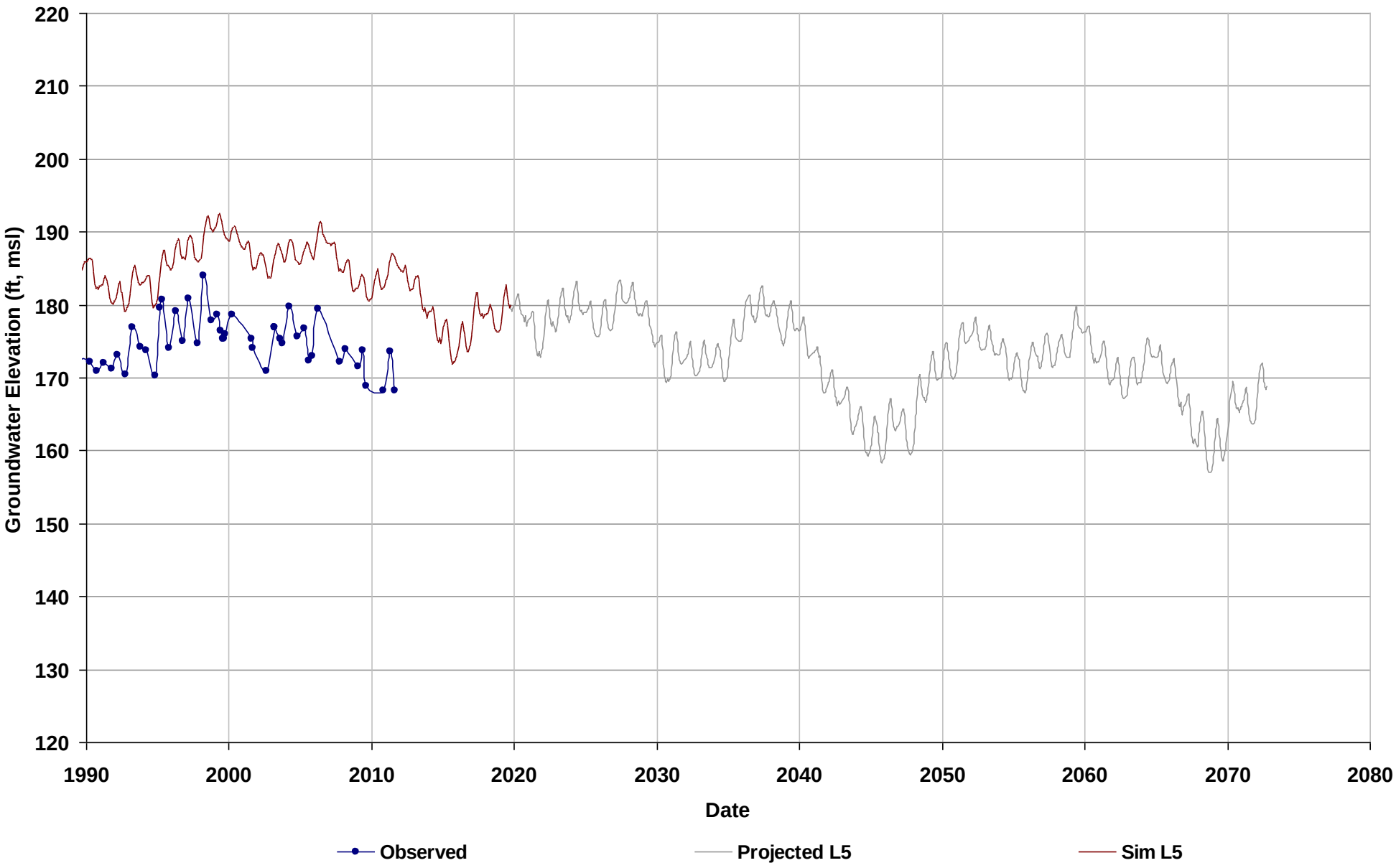
Total Depth (ft): 328
Perf Top (ft): 90
Perf Bottom (ft): 310
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 24N02W23G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 199

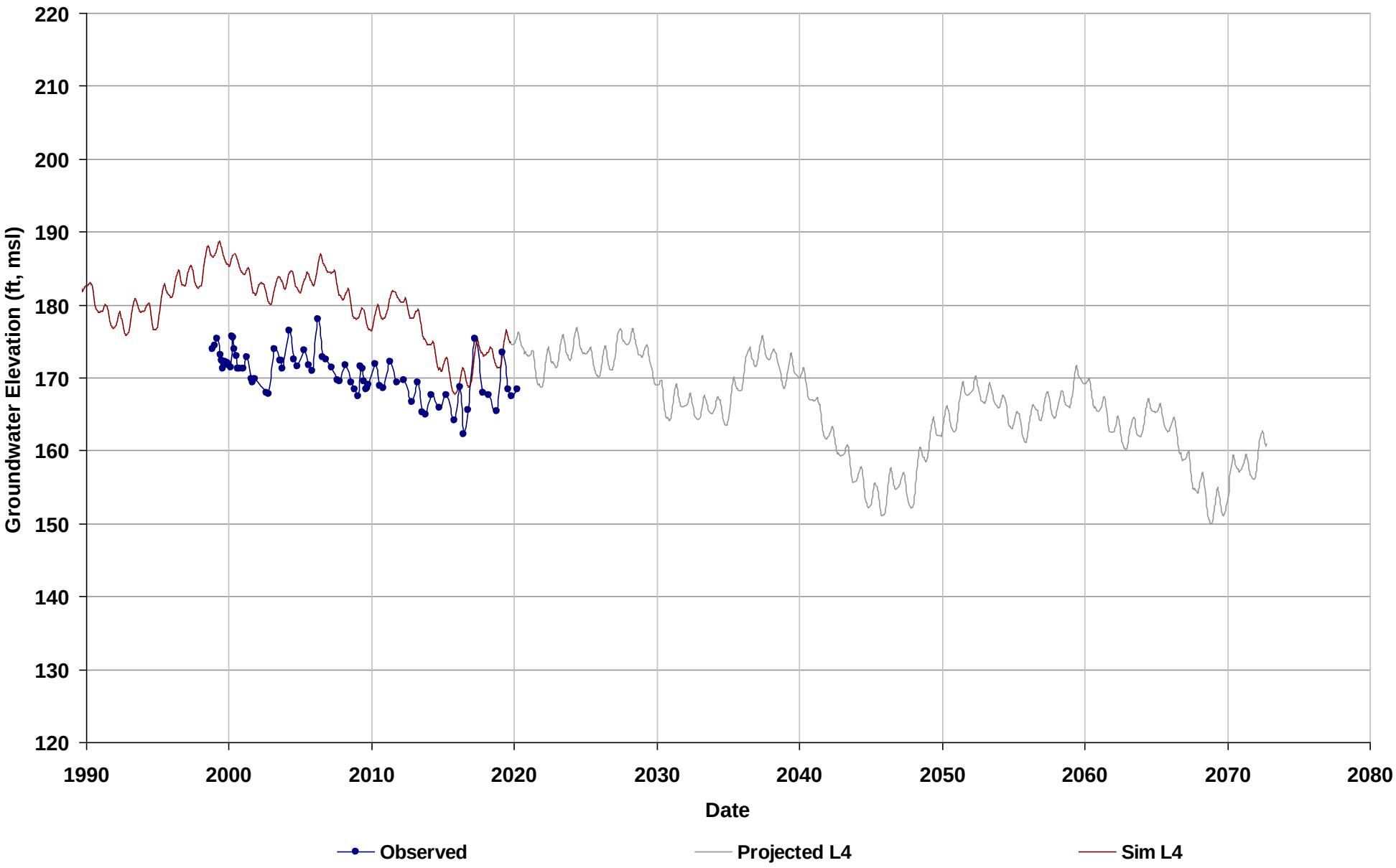
Total Depth (ft): 362
Perf Top (ft): 84
Perf Bottom (ft): 362
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 24N02W25G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 194

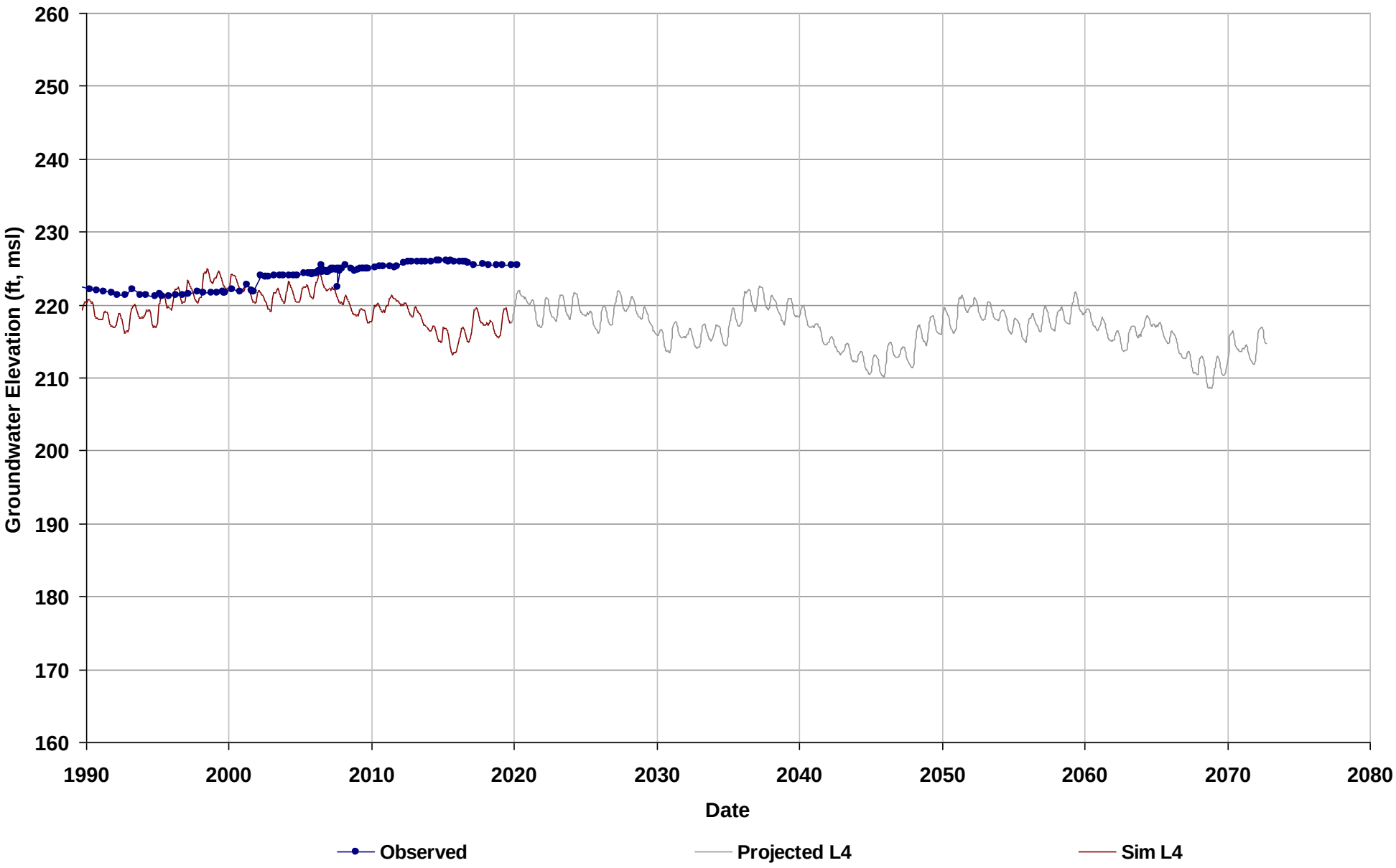
Total Depth (ft): 256
Perf Top (ft): 108
Perf Bottom (ft): 256
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 26N02W29R001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

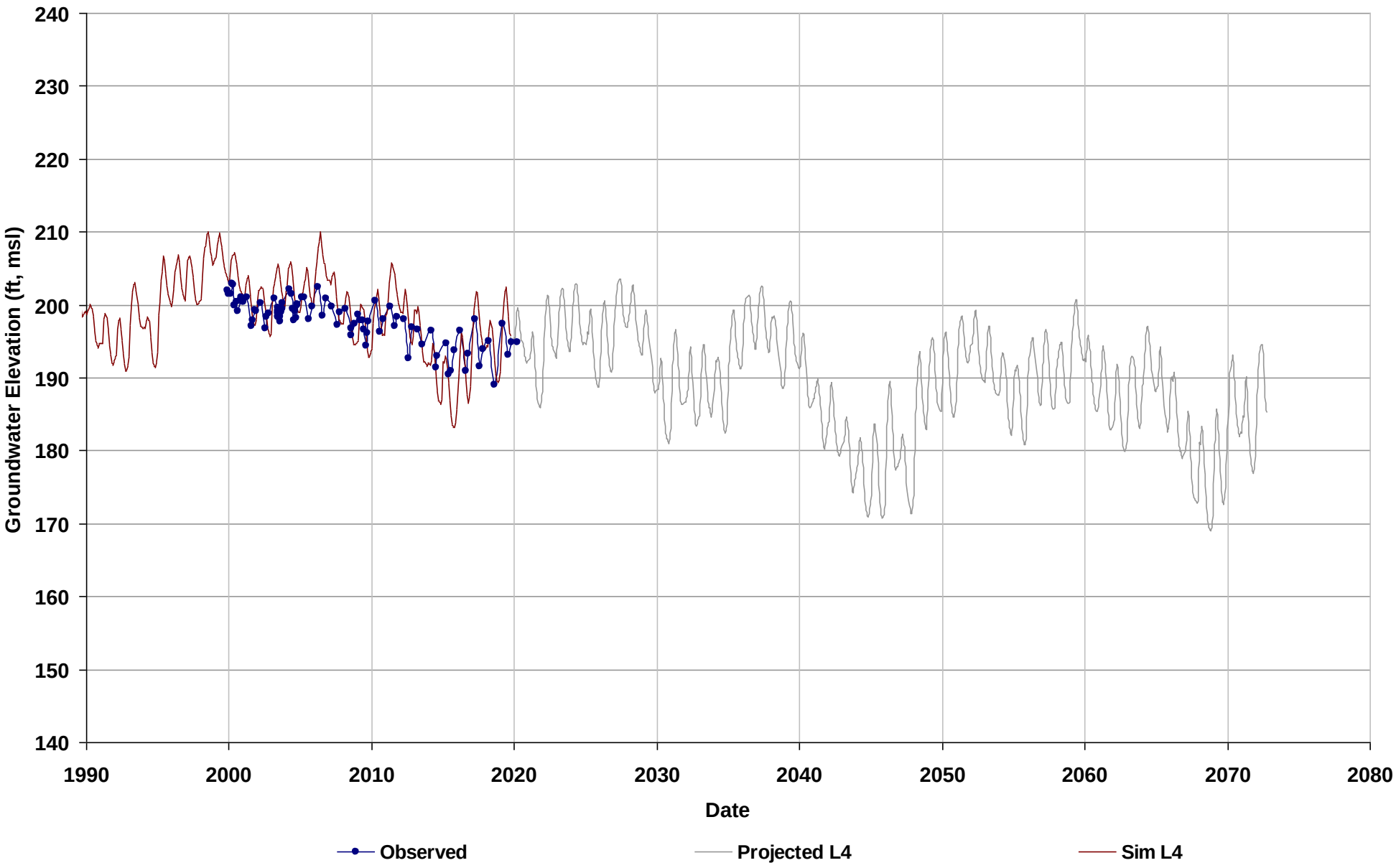
Total Depth (ft): 184
Perf Top (ft): 183.5
Perf Bottom (ft): 184
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 24N02W12P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 228

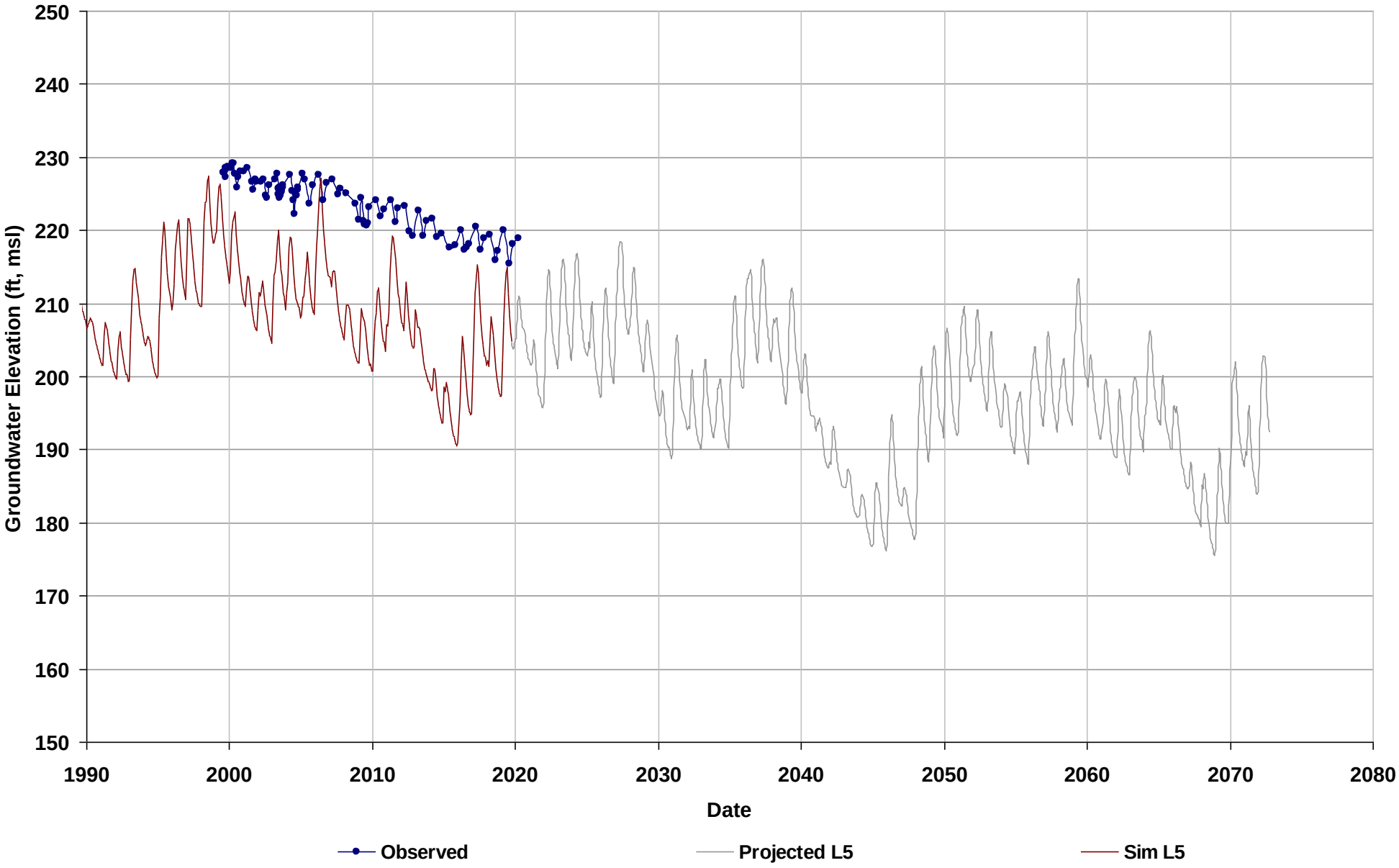
Total Depth (ft): 370
Perf Top (ft): 165
Perf Bottom (ft): 360
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 24N01W05J003M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 312

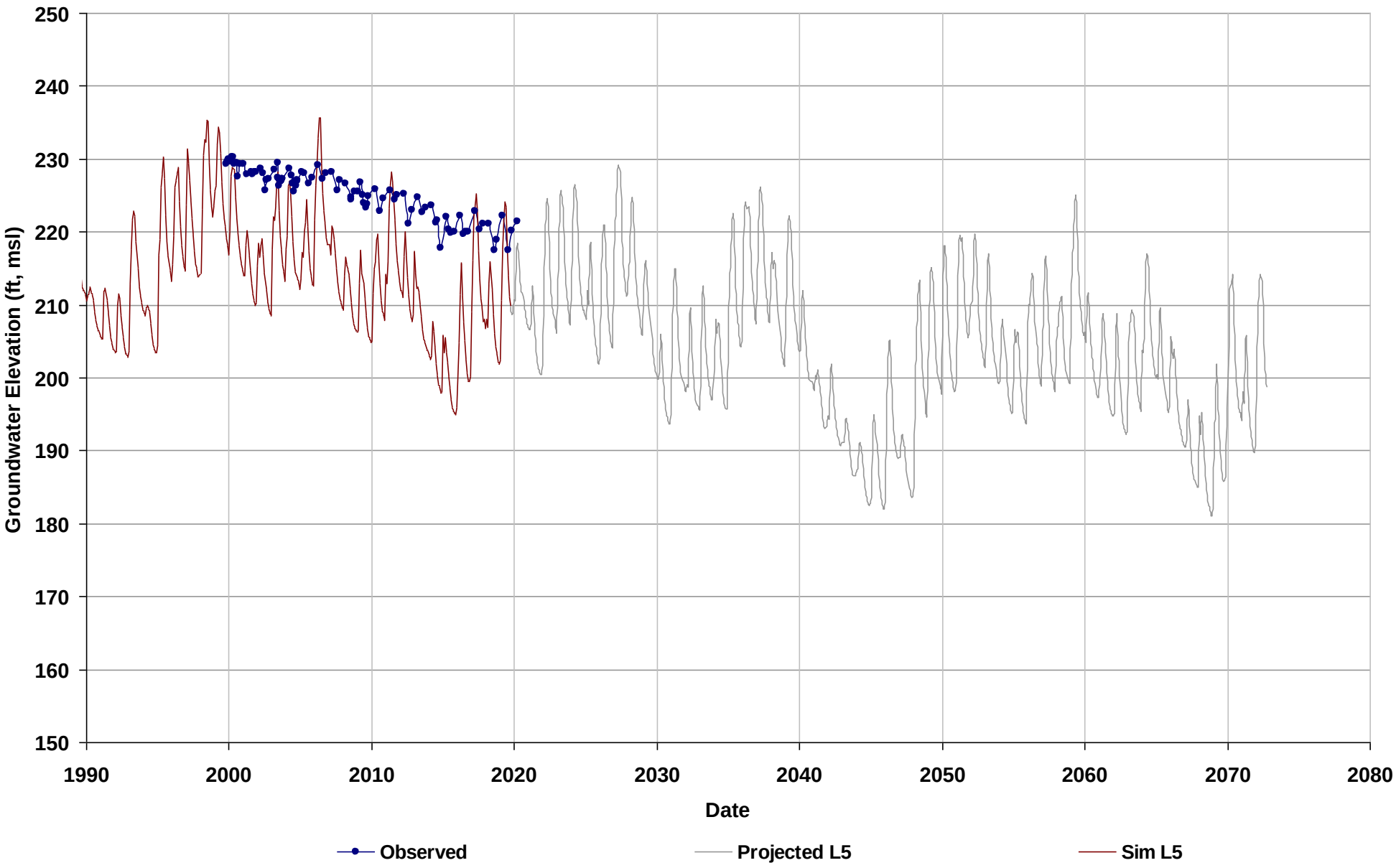
Total Depth (ft): 385
Perf Top (ft): 295
Perf Bottom (ft): 335
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 25N01W32P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 303

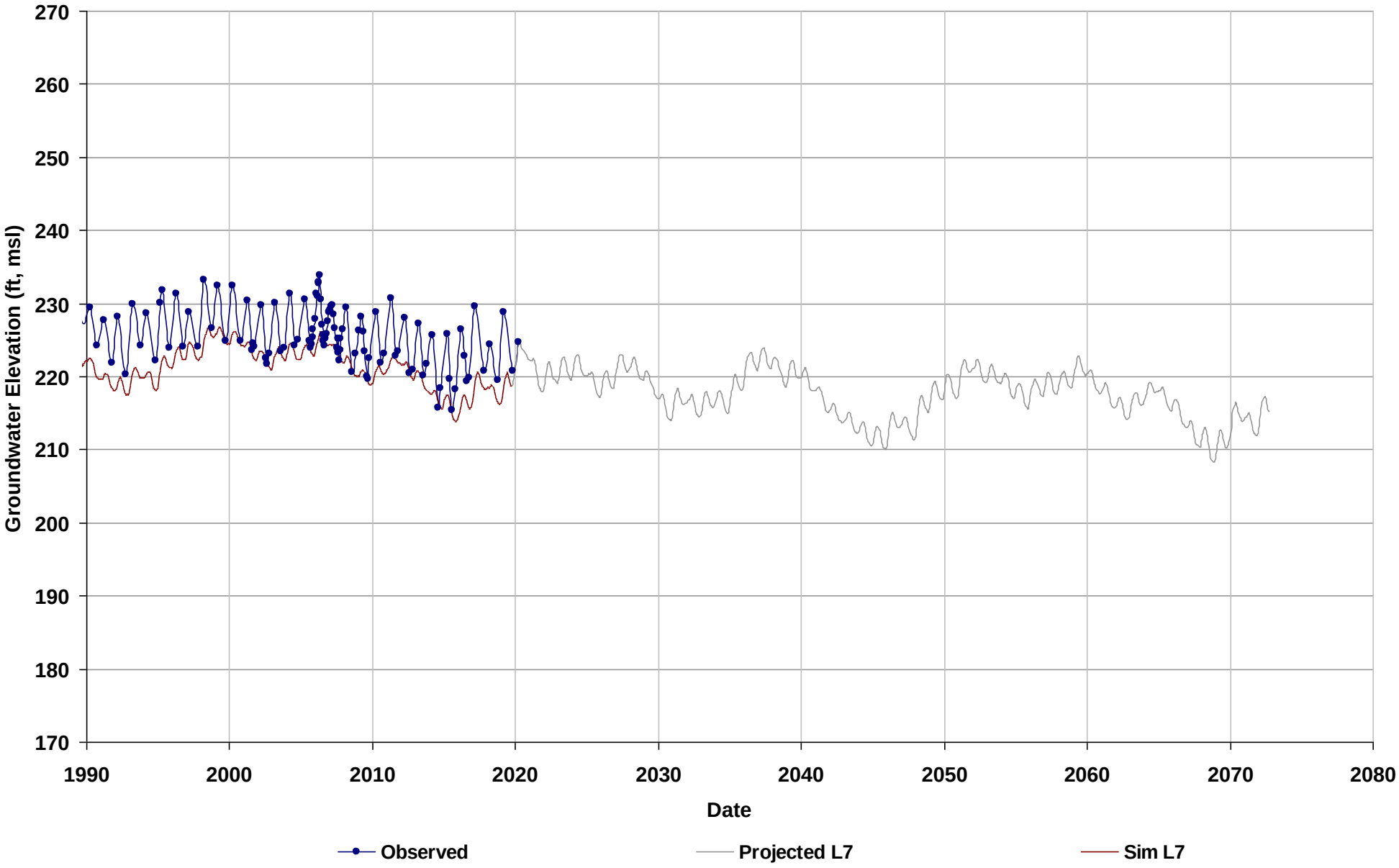
Total Depth (ft): 330
Perf Top (ft): 209
Perf Bottom (ft): 256
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 26N02W29R002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

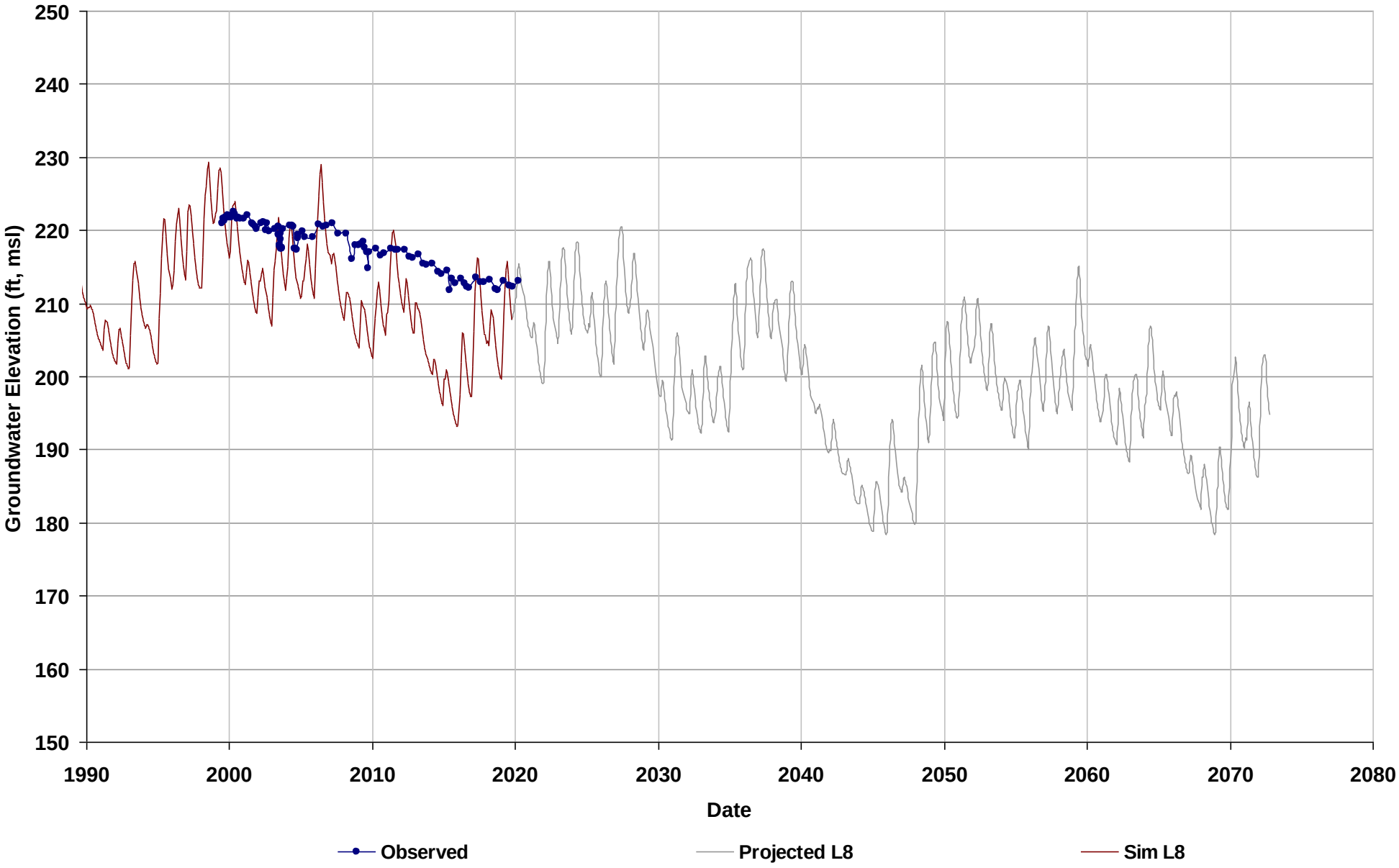
Total Depth (ft): 900
Perf Top (ft): 839.5
Perf Bottom (ft): 840.5
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 25N01W34N003M
Depth Zone: Lower
Subbasin: Los Molinos
GSE (ft, msl): 366

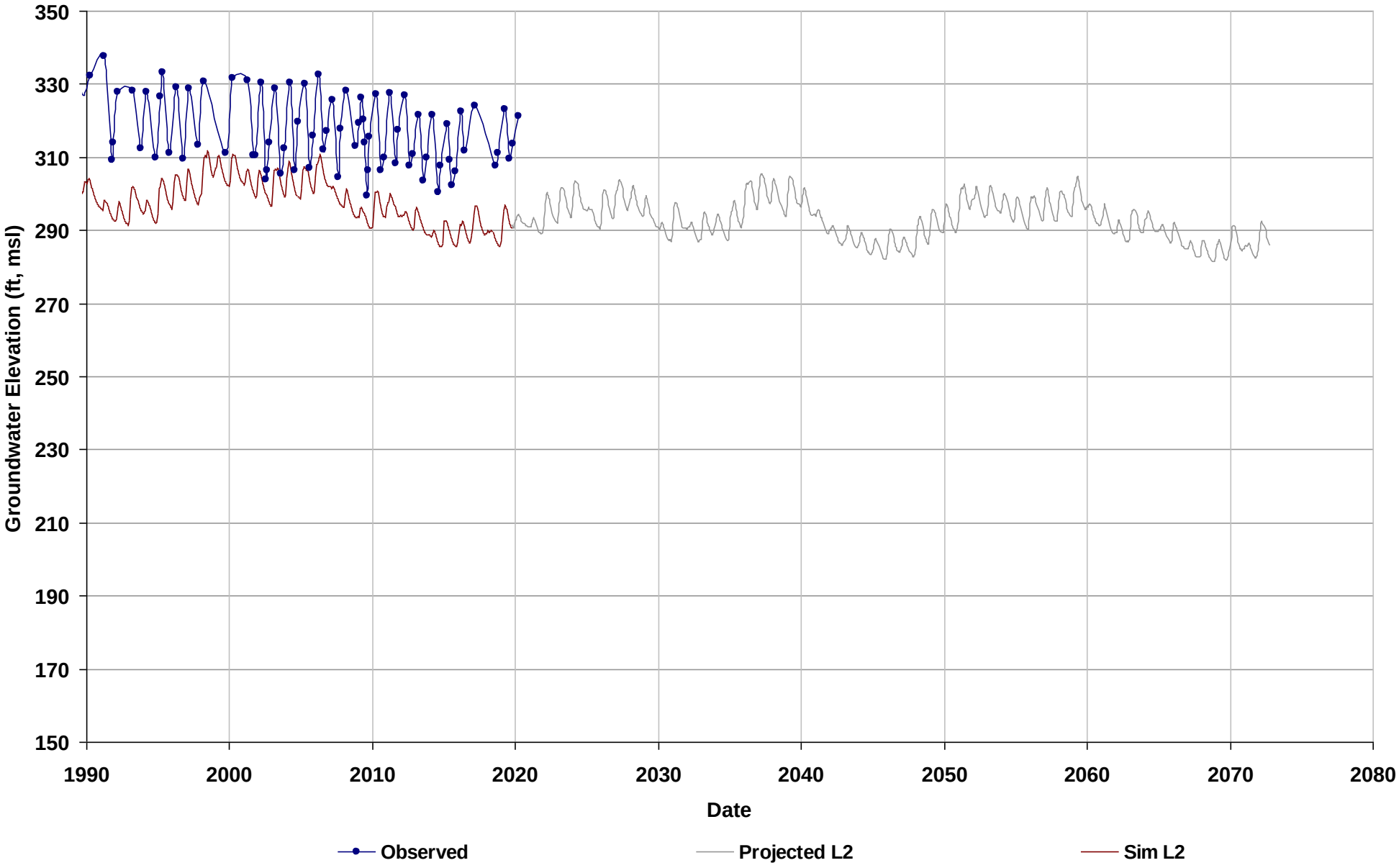
Total Depth (ft): 743
Perf Top (ft): 625
Perf Bottom (ft): 680
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 27N04W35E001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 438

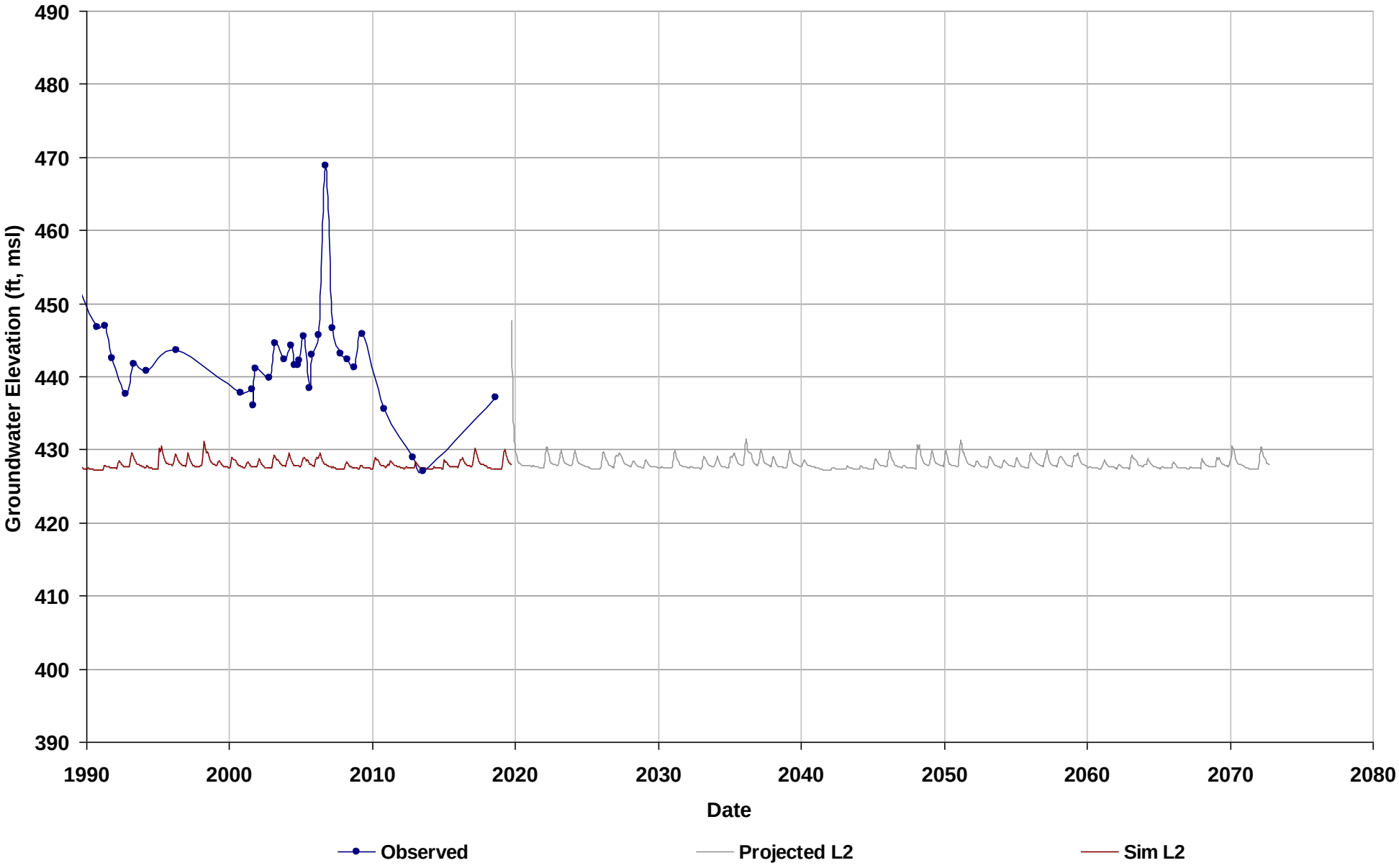
Total Depth (ft): 280
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 25N05W24D001M
Depth Zone: Unknown
Subbasin: Red Bluff
GSE (ft, msl): 515

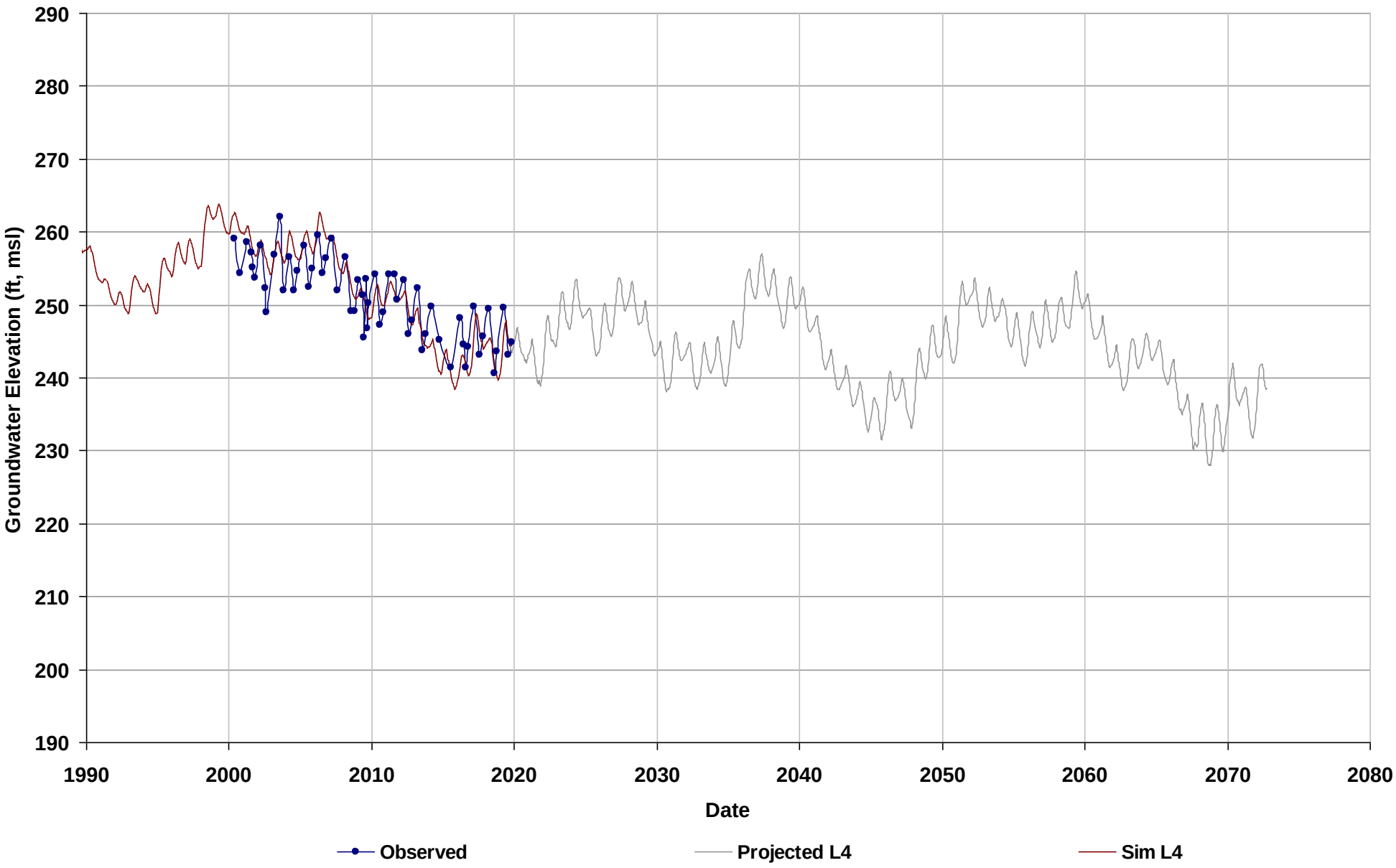
Total Depth (ft):
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 26N03W17B001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 309

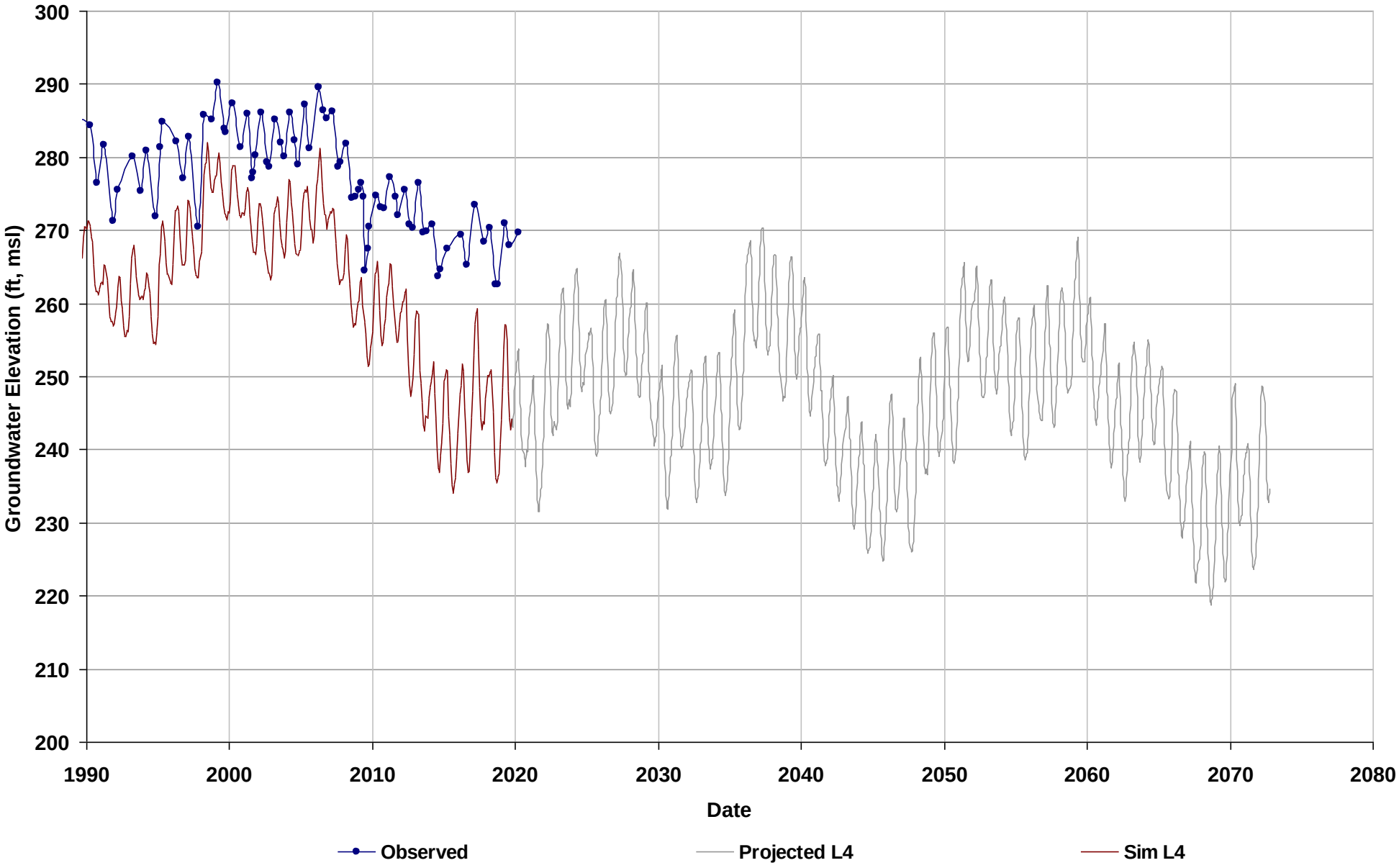
Total Depth (ft): 180
Perf Top (ft): 160
Perf Bottom (ft): 180
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 26N04W25J001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 333

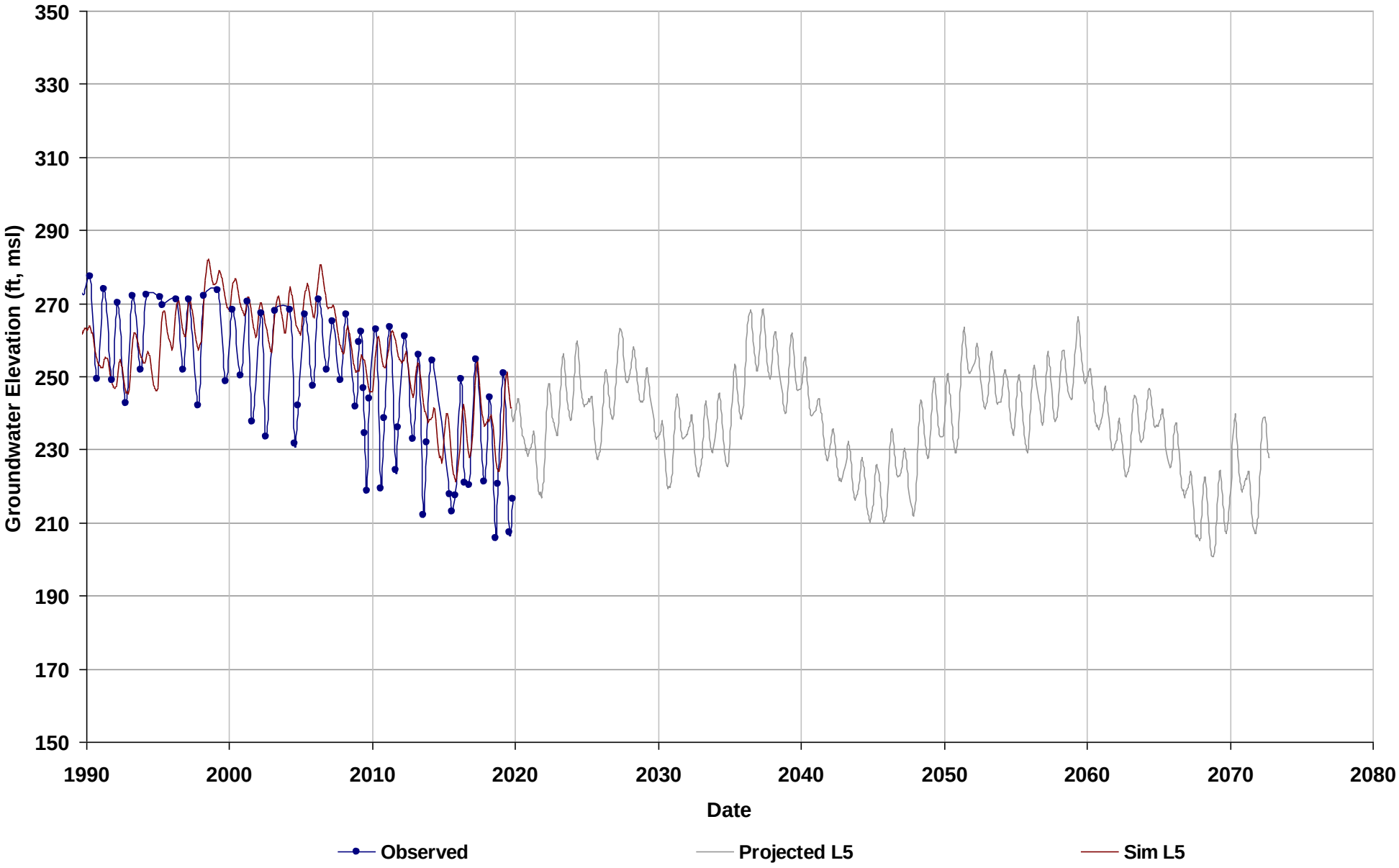
Total Depth (ft): 128
Perf Top (ft): 116
Perf Bottom (ft): 124
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 25N03W19N001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 327

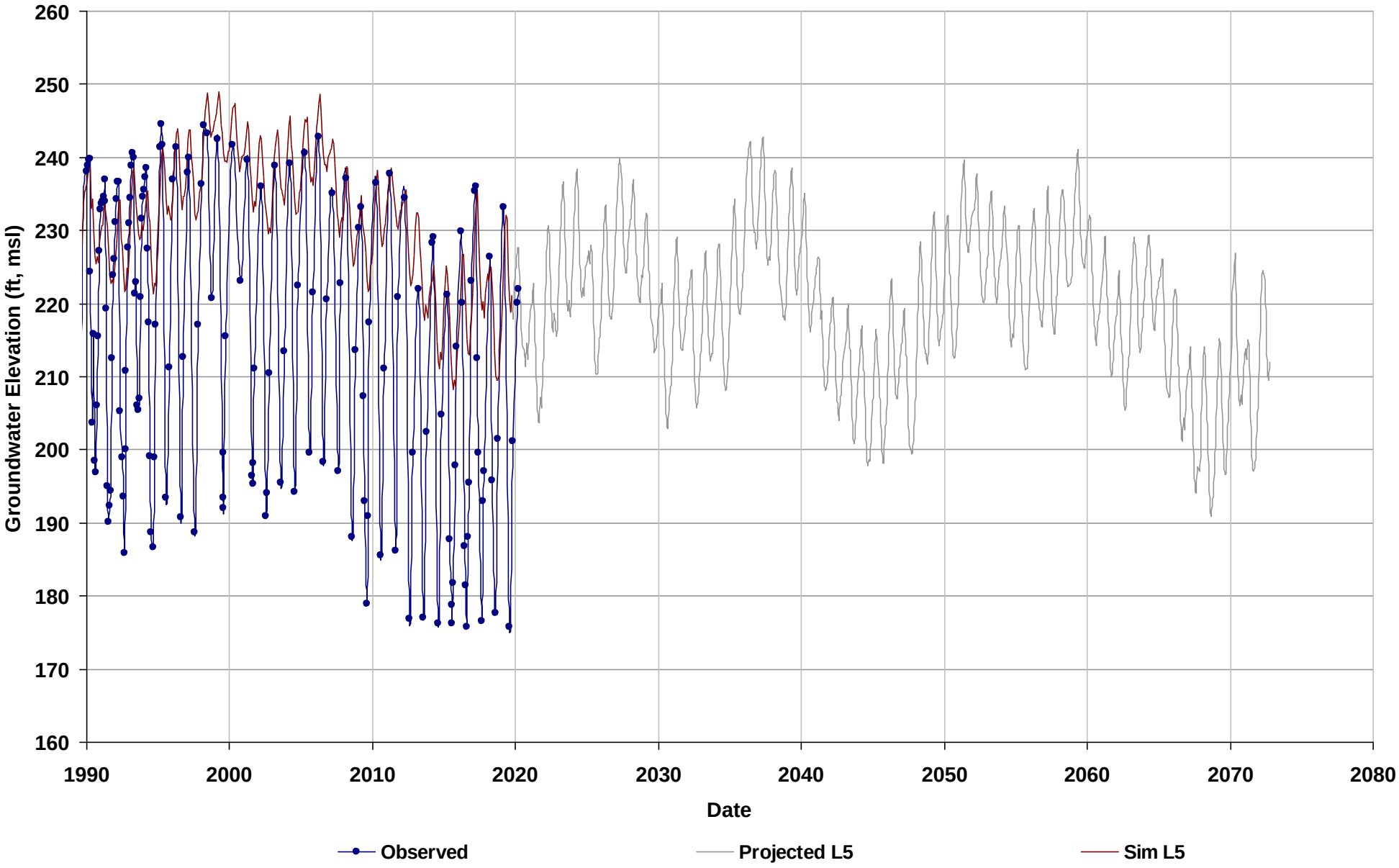
Total Depth (ft): 370
Perf Top (ft): 135
Perf Bottom (ft): 358
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 25N03W10L001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 276

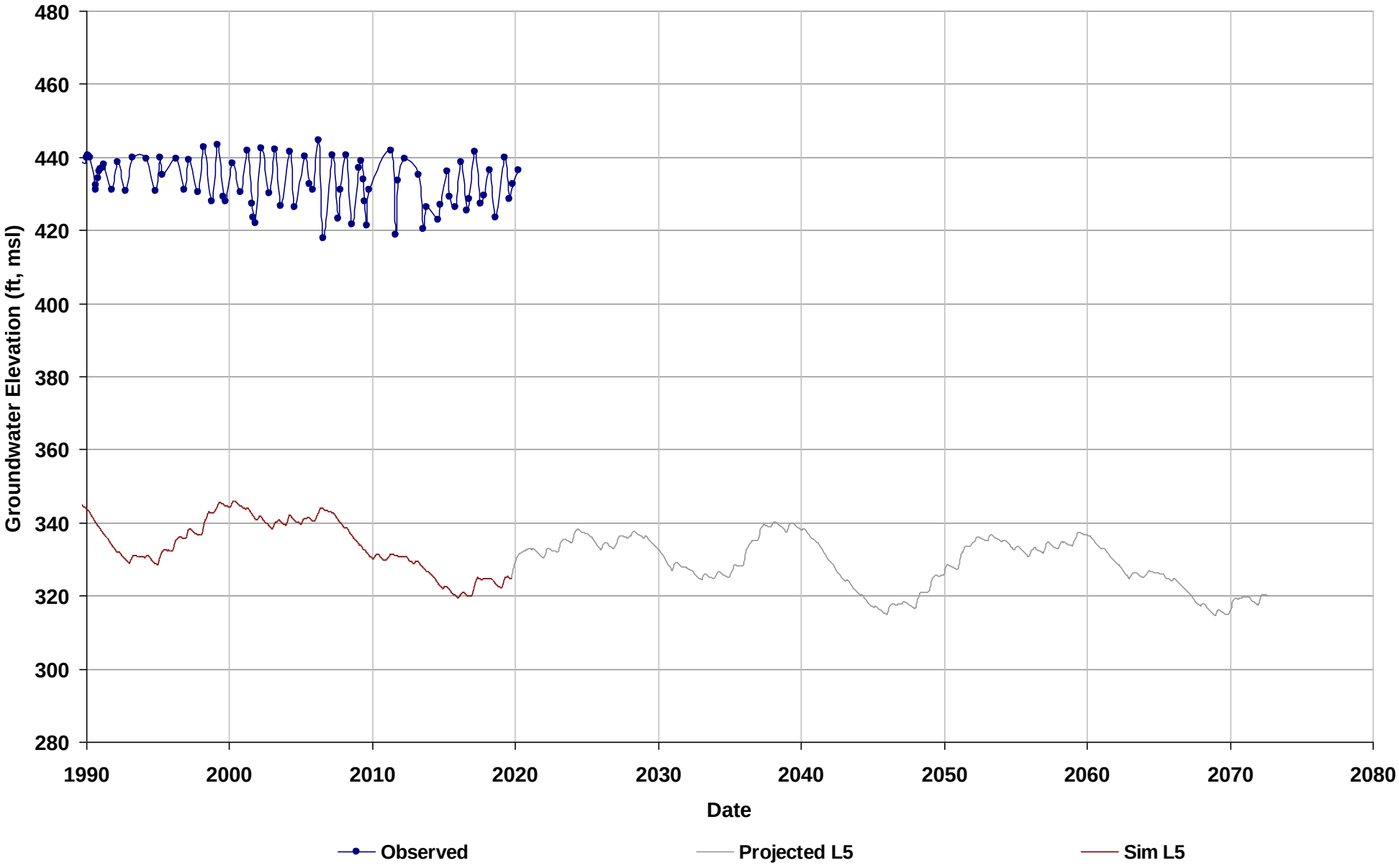
Total Depth (ft): 400
Perf Top (ft): 251
Perf Bottom (ft): 400
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 27N04W05G002M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 482

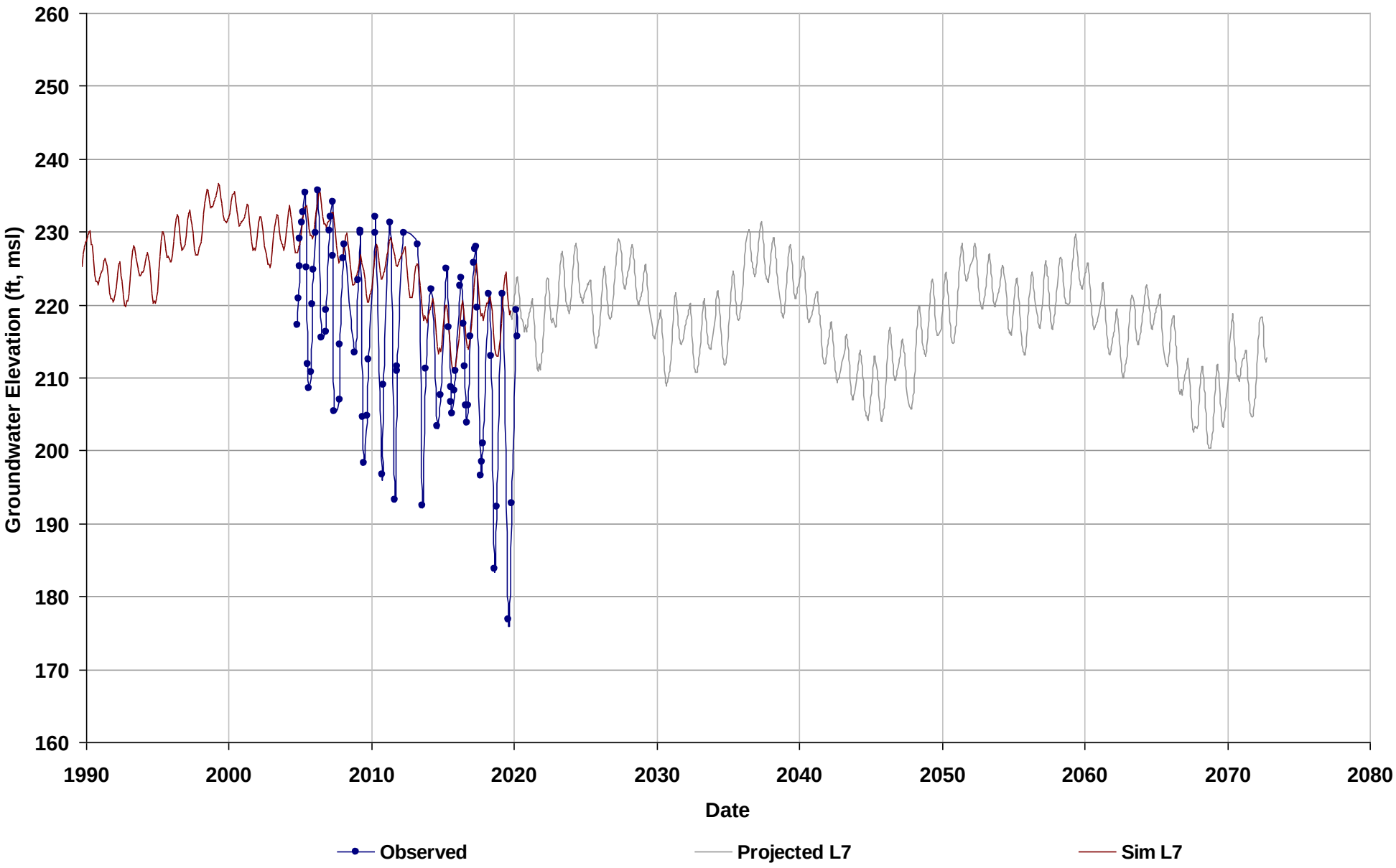
Total Depth (ft): 260
Perf Top (ft): 231
Perf Bottom (ft): 251
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 25N03W11B003M
Depth Zone: Lower
Subbasin: Red Bluff
GSE (ft, msl): 252

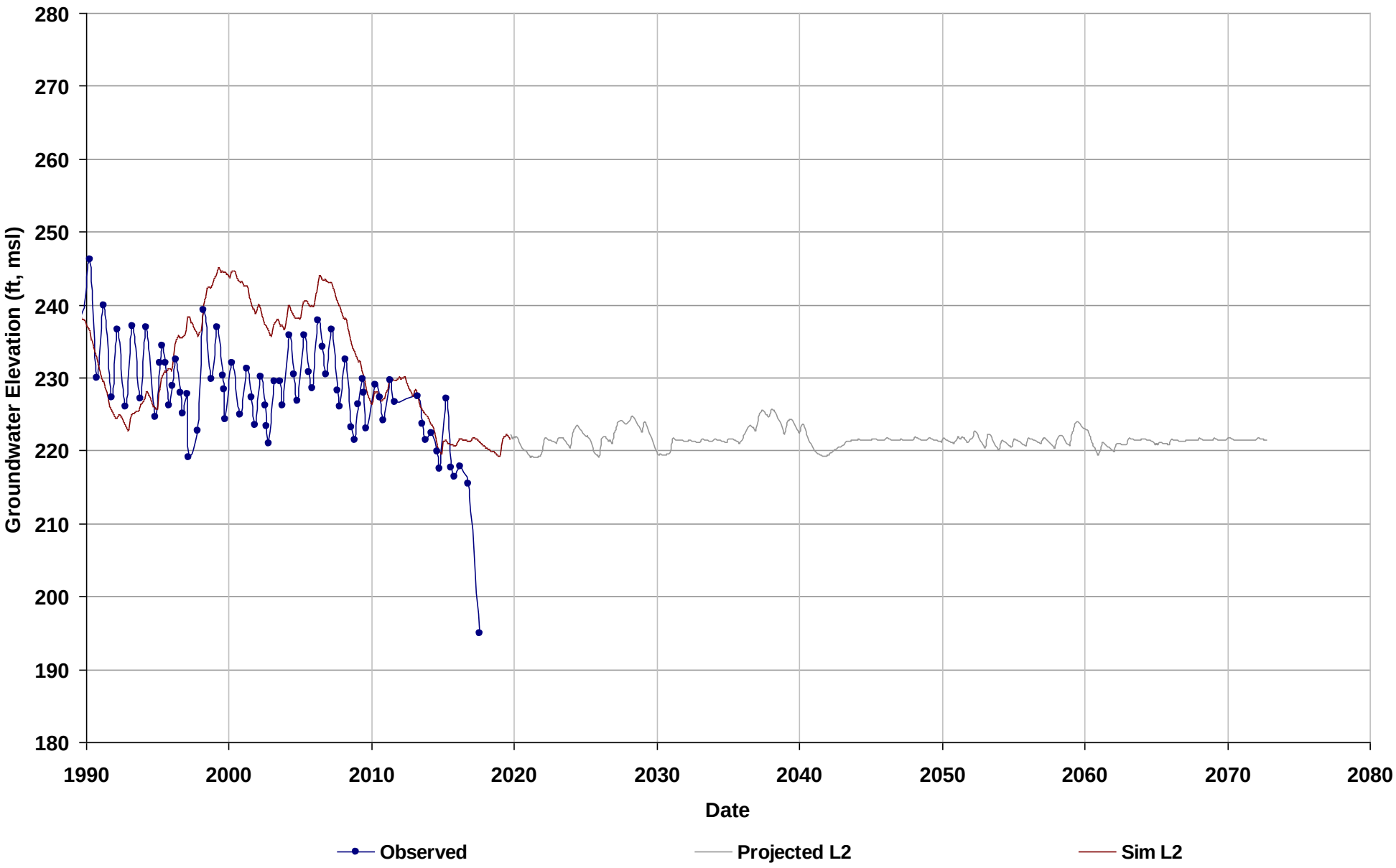
Total Depth (ft): 1000
Perf Top (ft): 940
Perf Bottom (ft): 960
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 23N03W05G001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 279

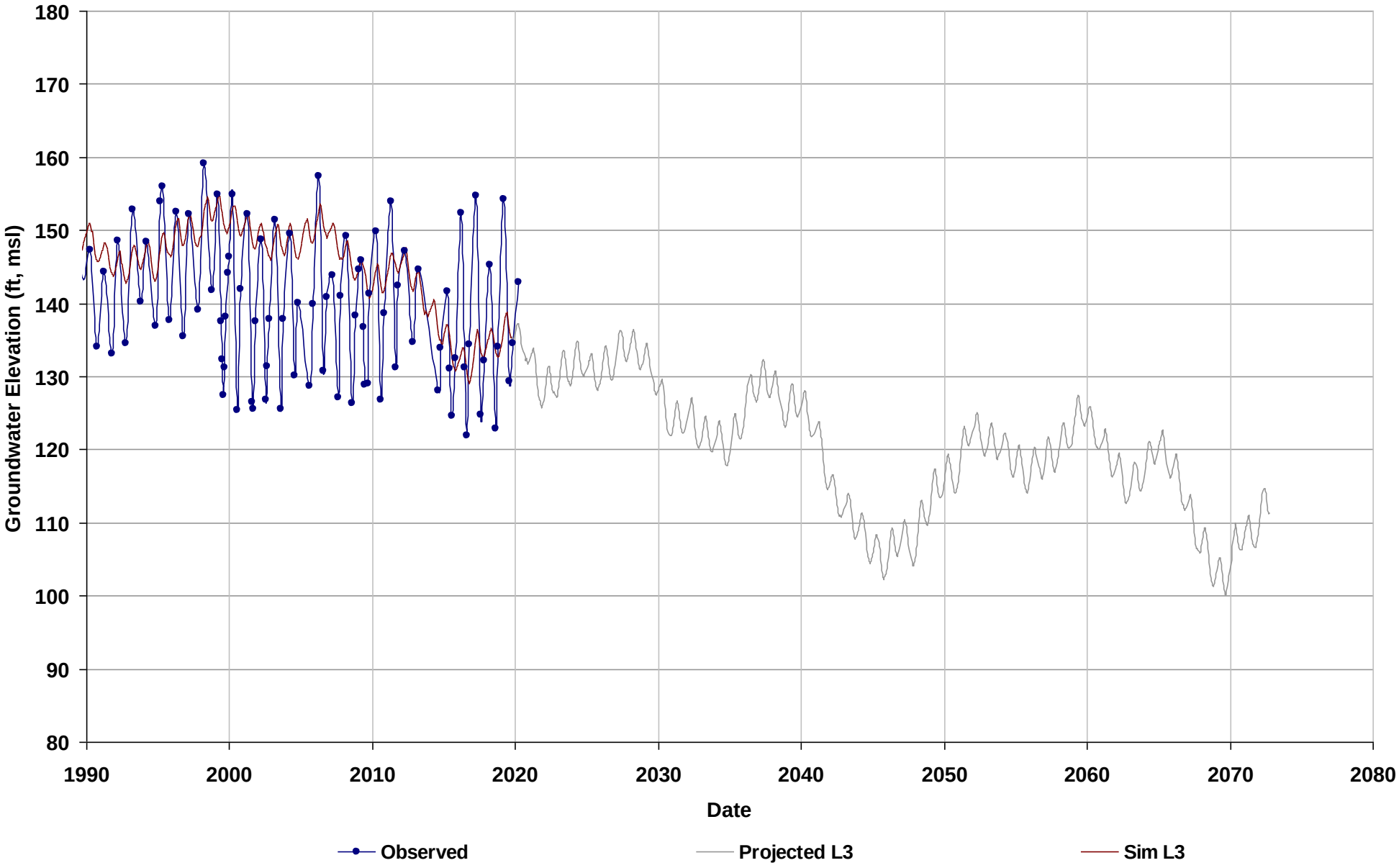
Total Depth (ft): 70
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 23N02W34A001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 172

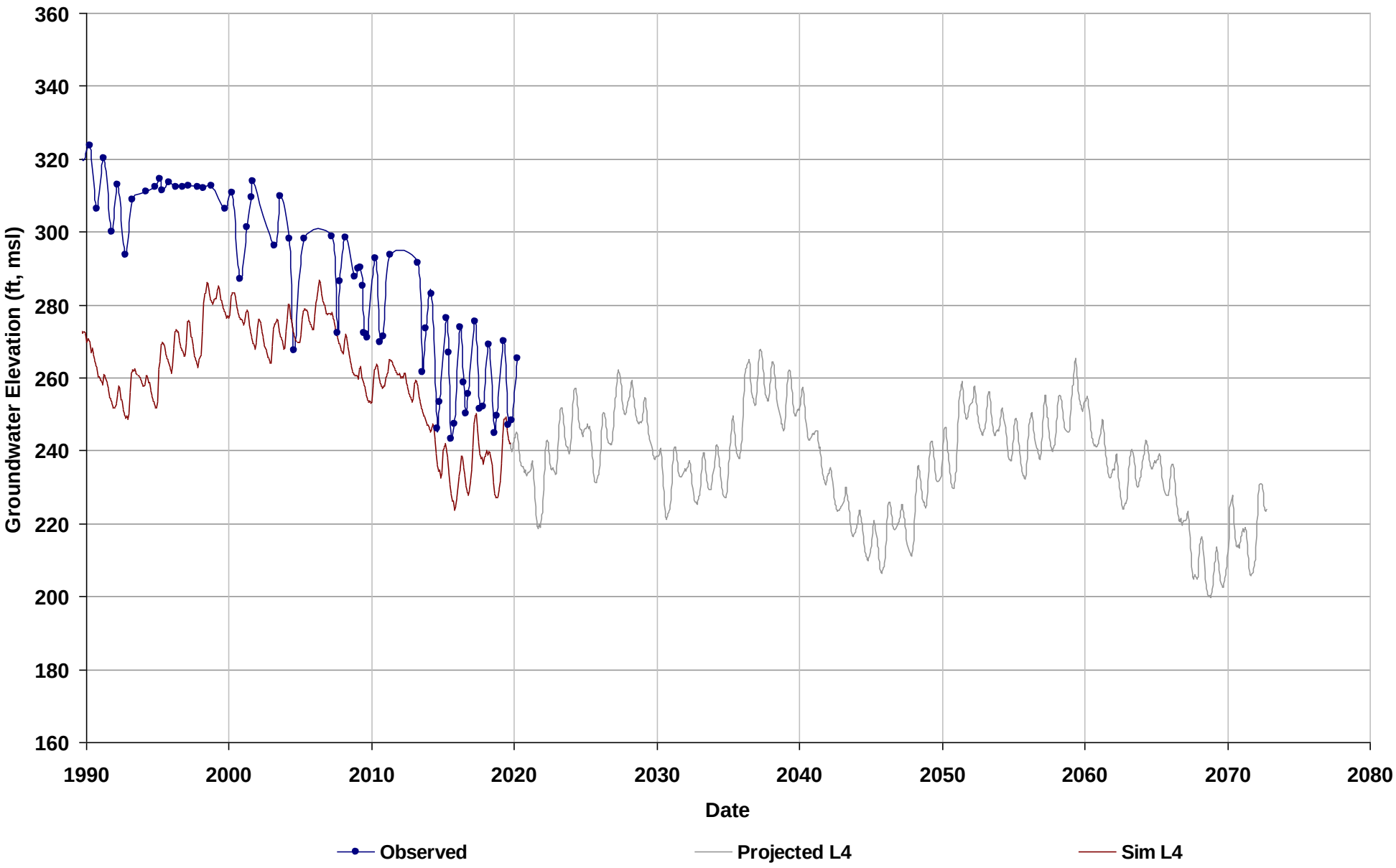
Total Depth (ft): 130
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 24N04W14N002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 375

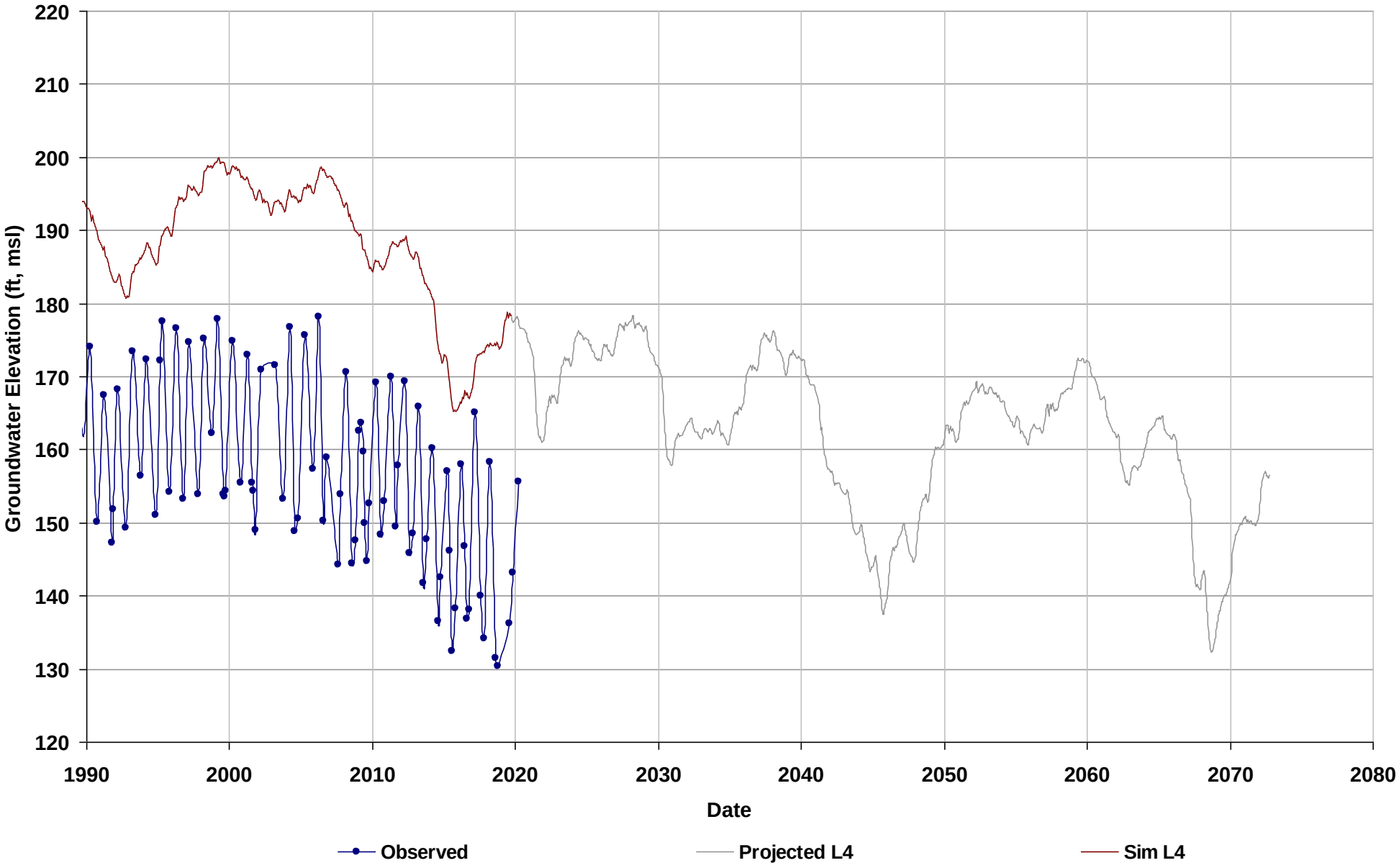
Total Depth (ft): 180
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 23N03W24A002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 207

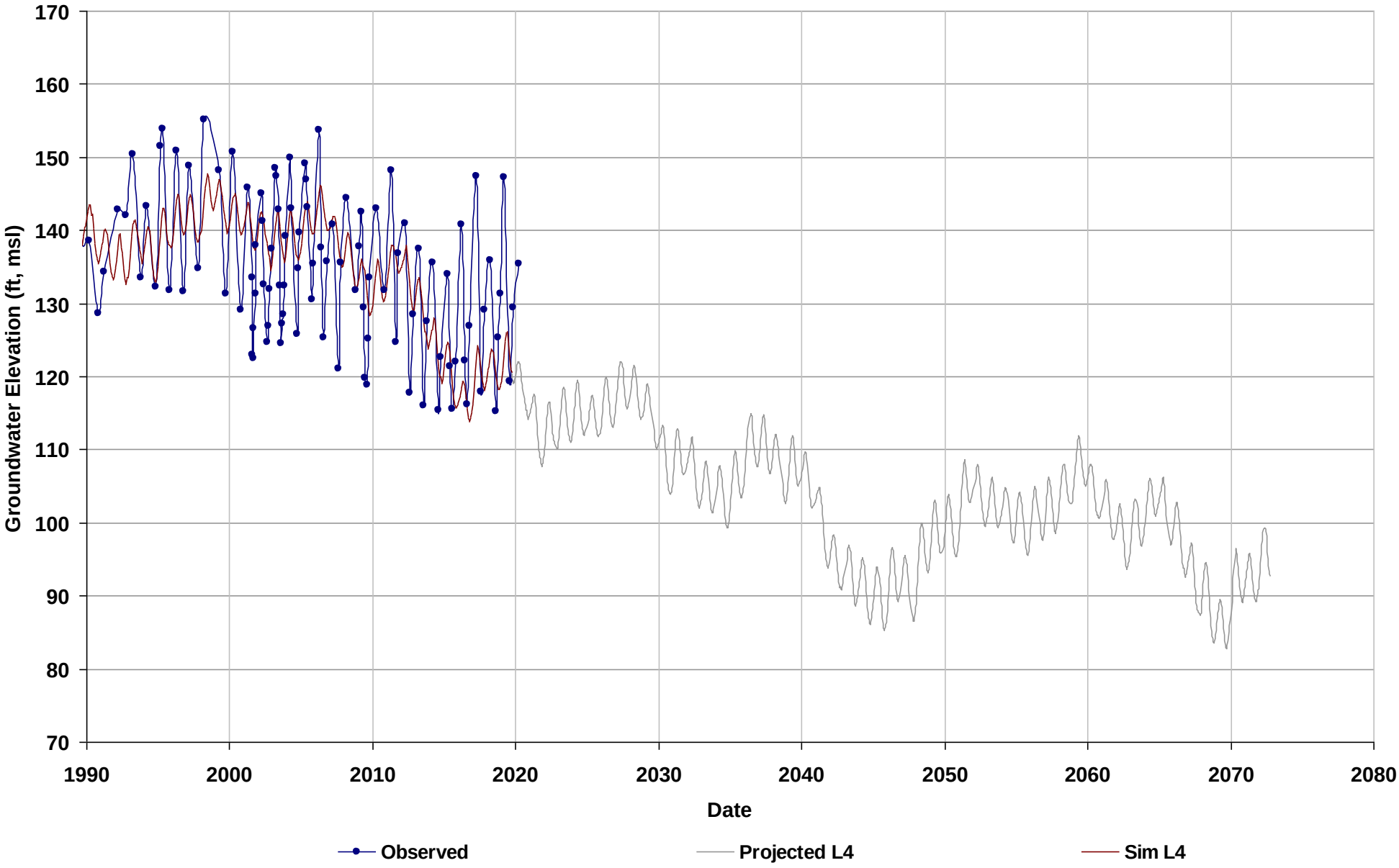
Total Depth (ft): 200
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W11Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 166

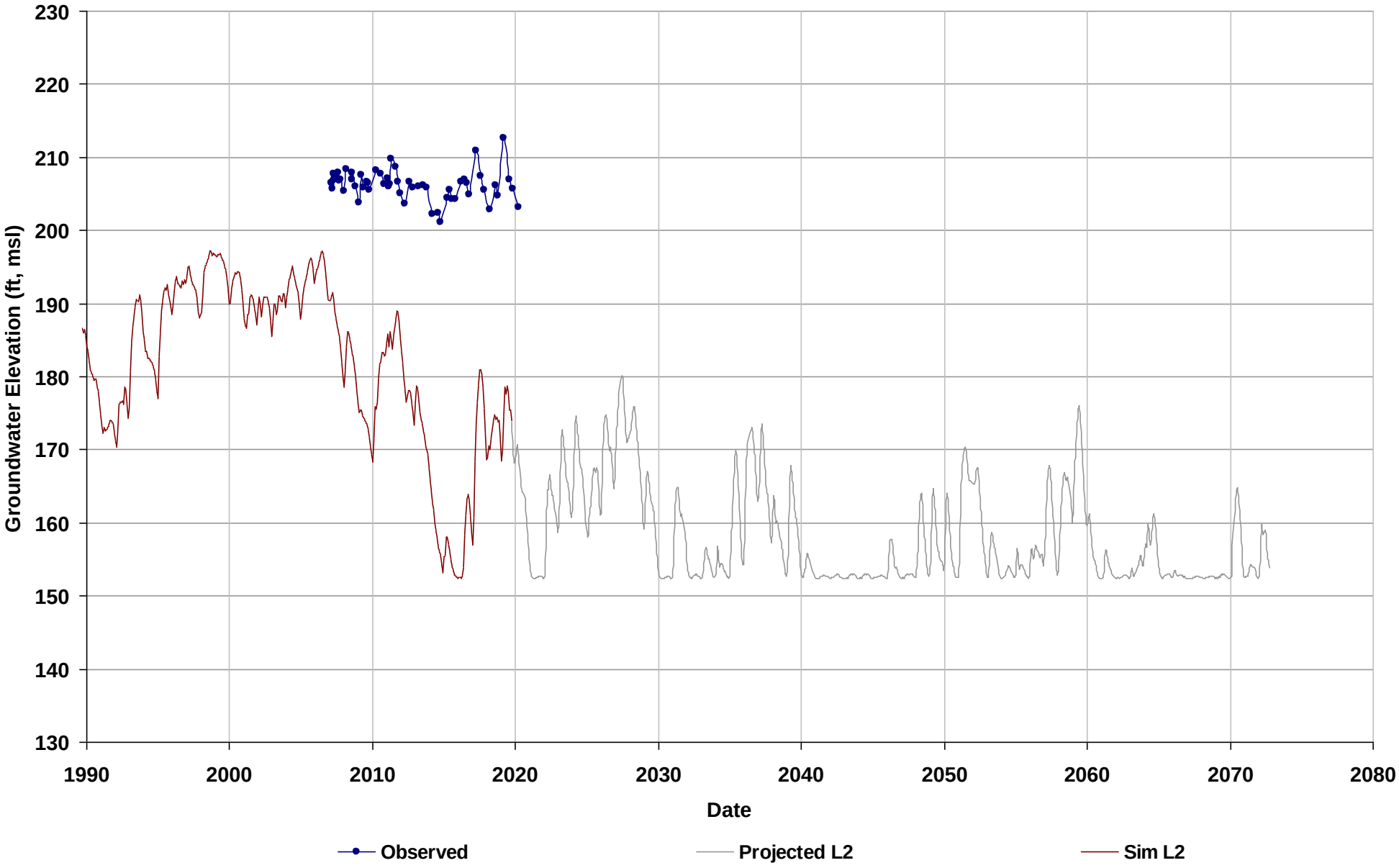
Total Depth (ft):
Perf Top (ft): 12
Perf Bottom (ft): 239
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W18C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

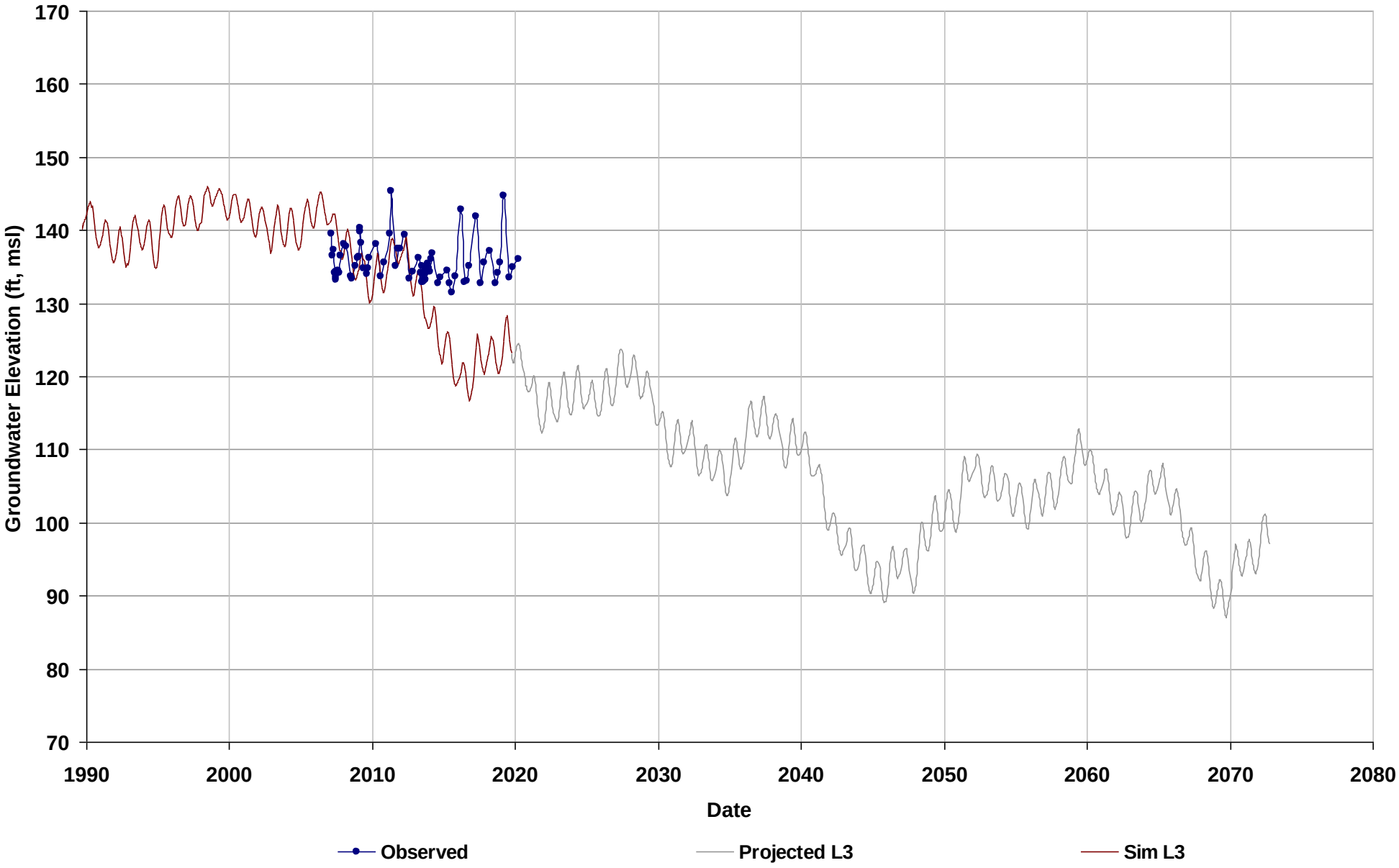
Total Depth (ft): 90
Perf Top (ft): 55
Perf Bottom (ft): 65
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W01N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

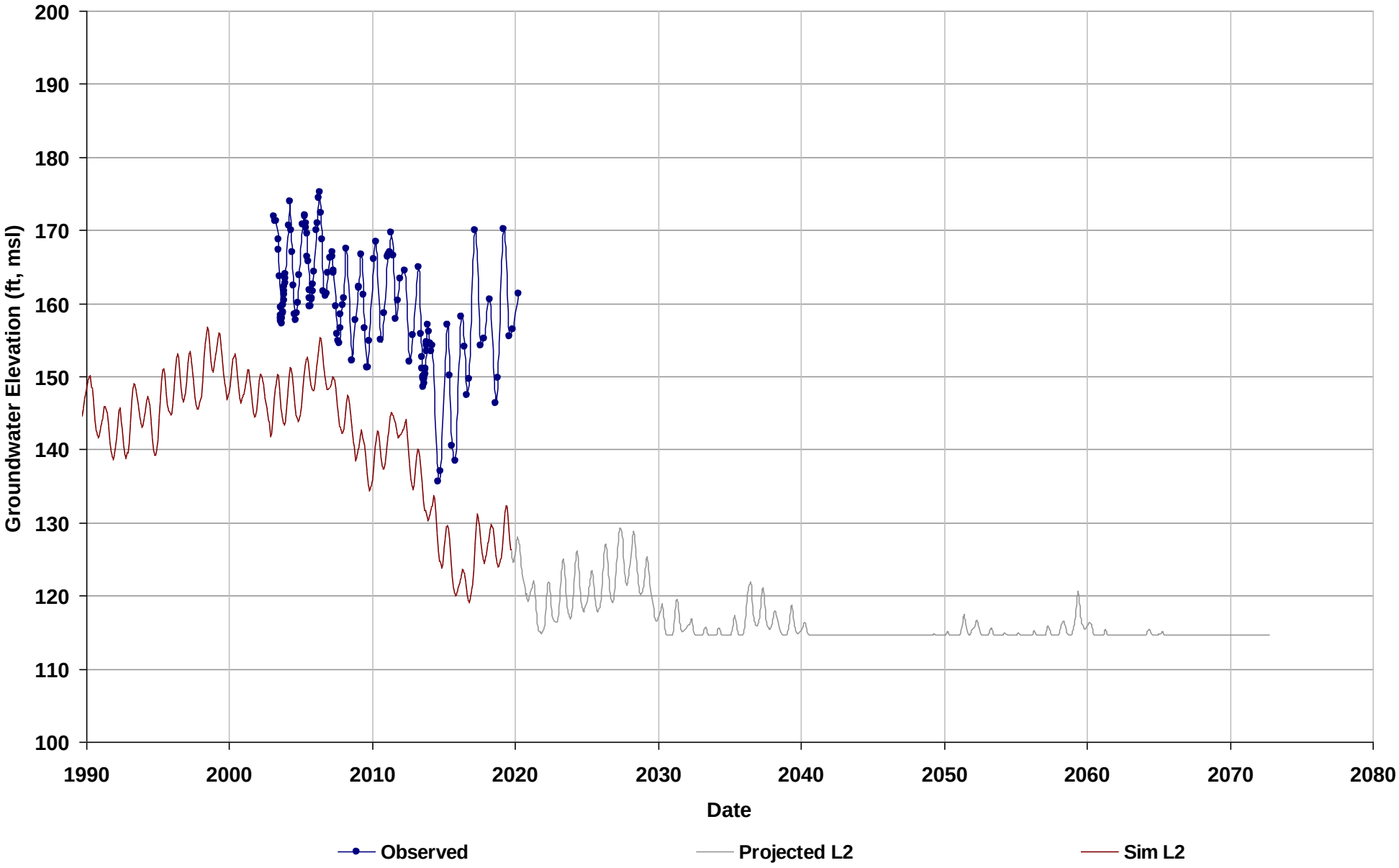
Total Depth (ft): 108
Perf Top (ft): 70
Perf Bottom (ft): 80
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W15C005M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

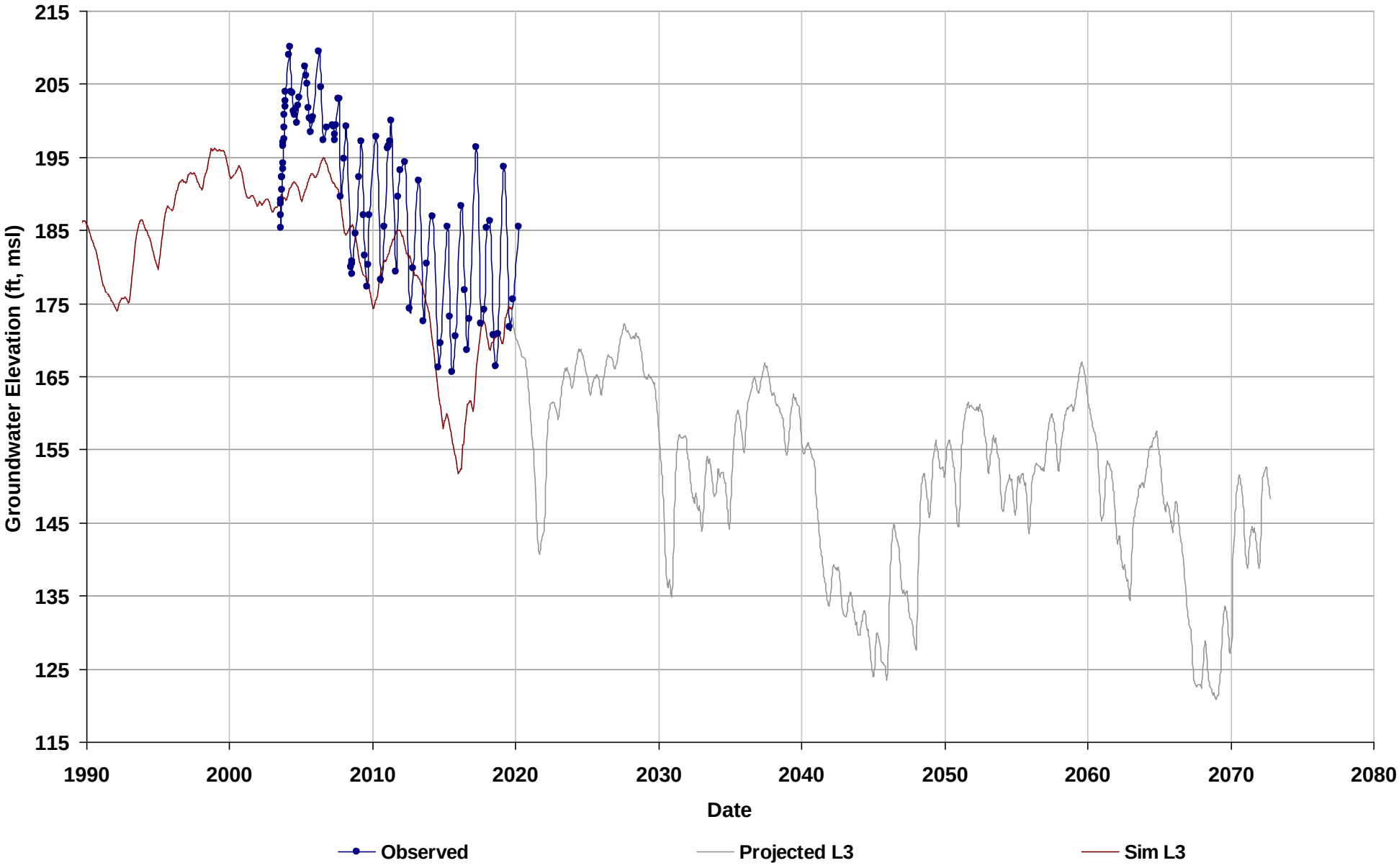
Total Depth (ft): 100
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N03W01R003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

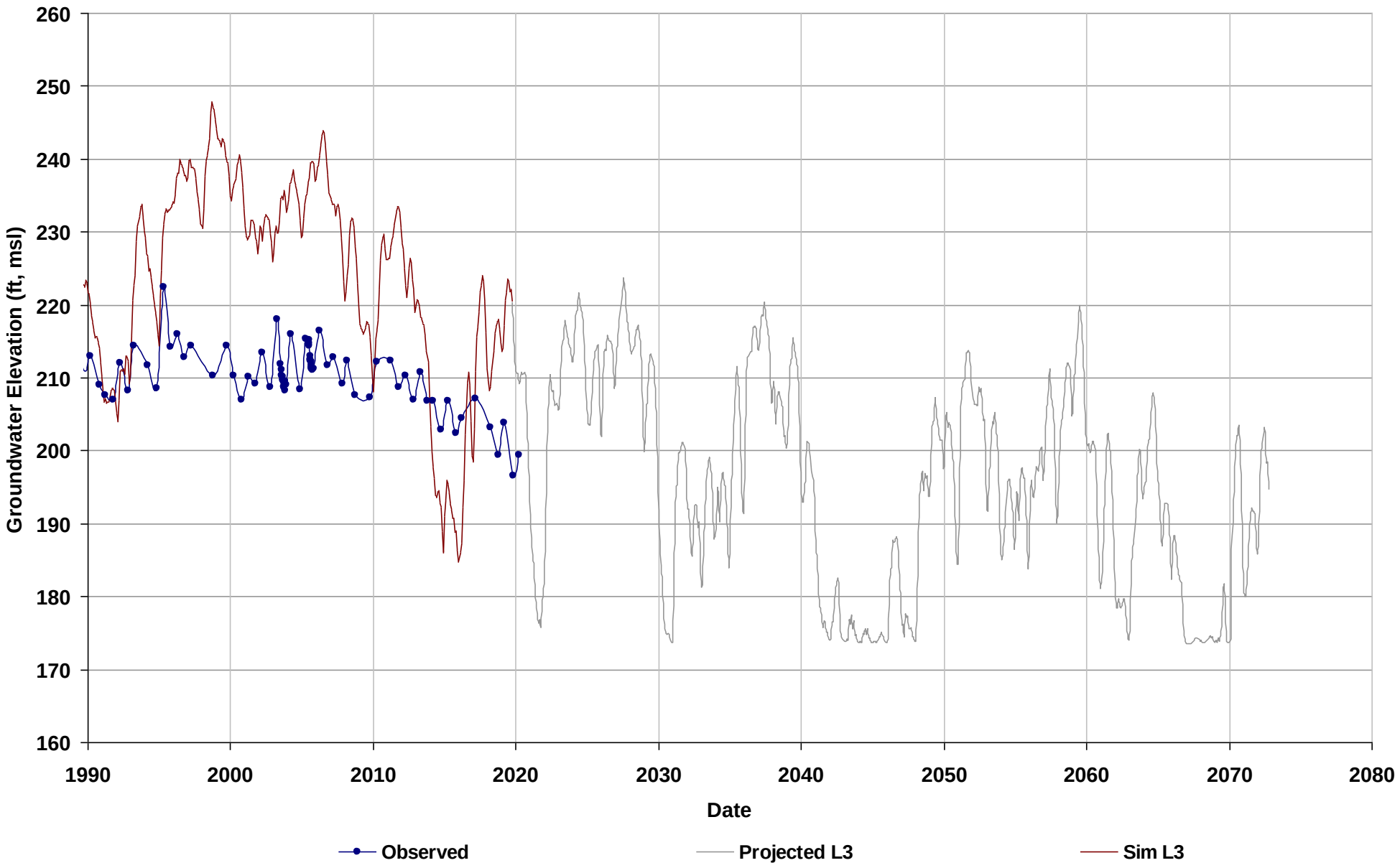
Total Depth (ft): 103
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N03W04E001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 285

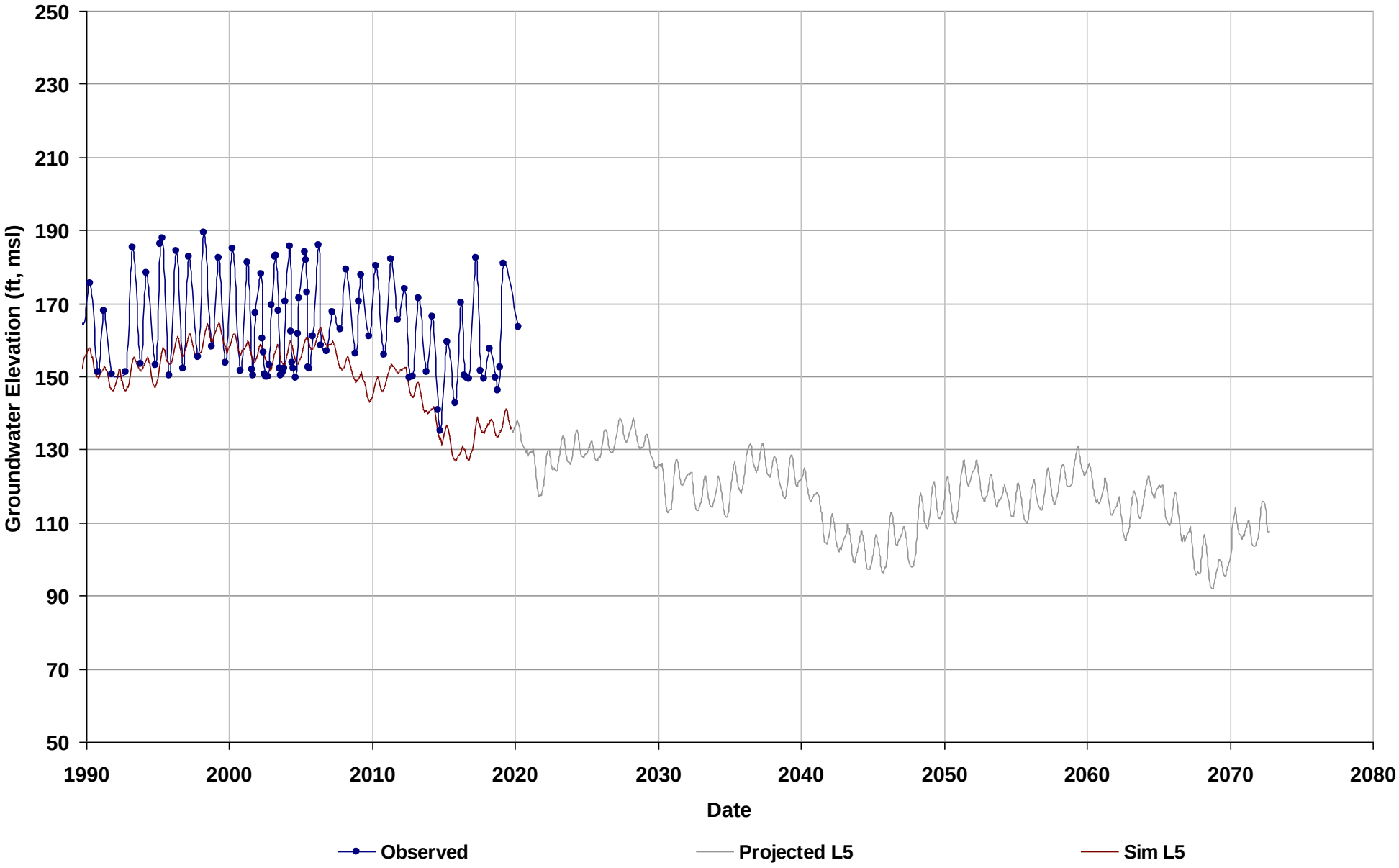
Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 180
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W09L003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 197

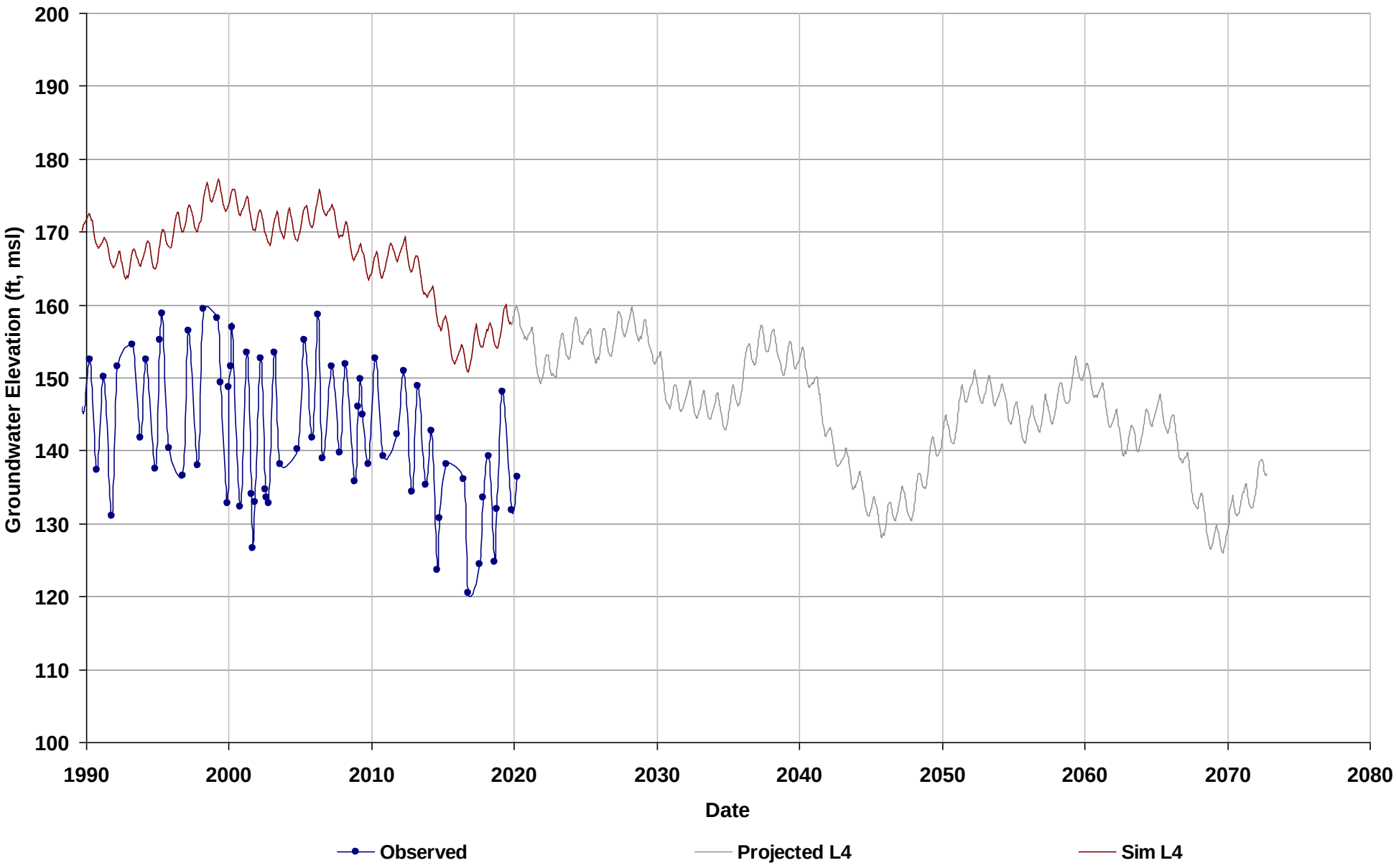
Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 536
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 23N02W16B001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 184

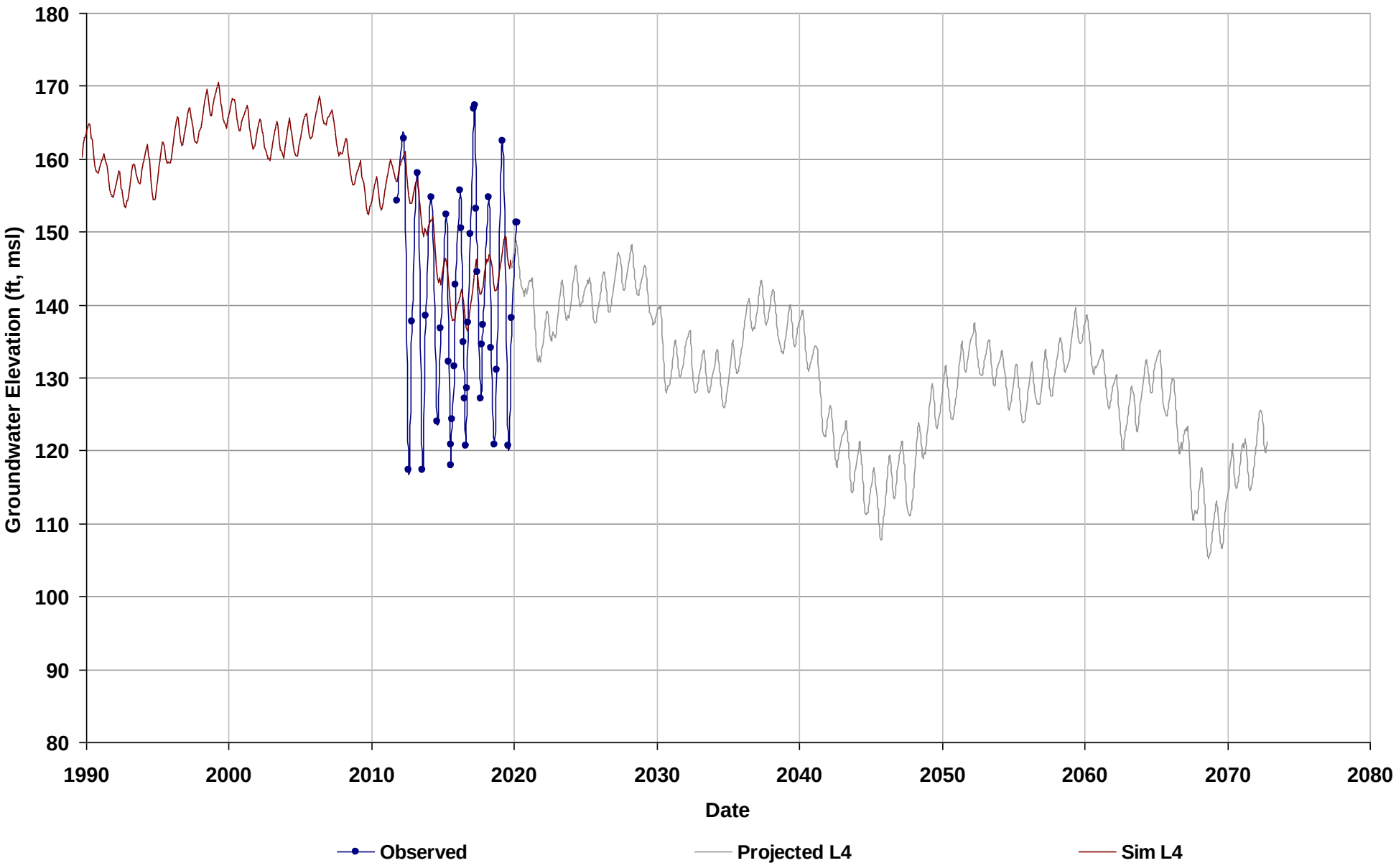
Total Depth (ft): 120
Perf Top (ft): 100
Perf Bottom (ft): 120
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 23N02W28N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 202

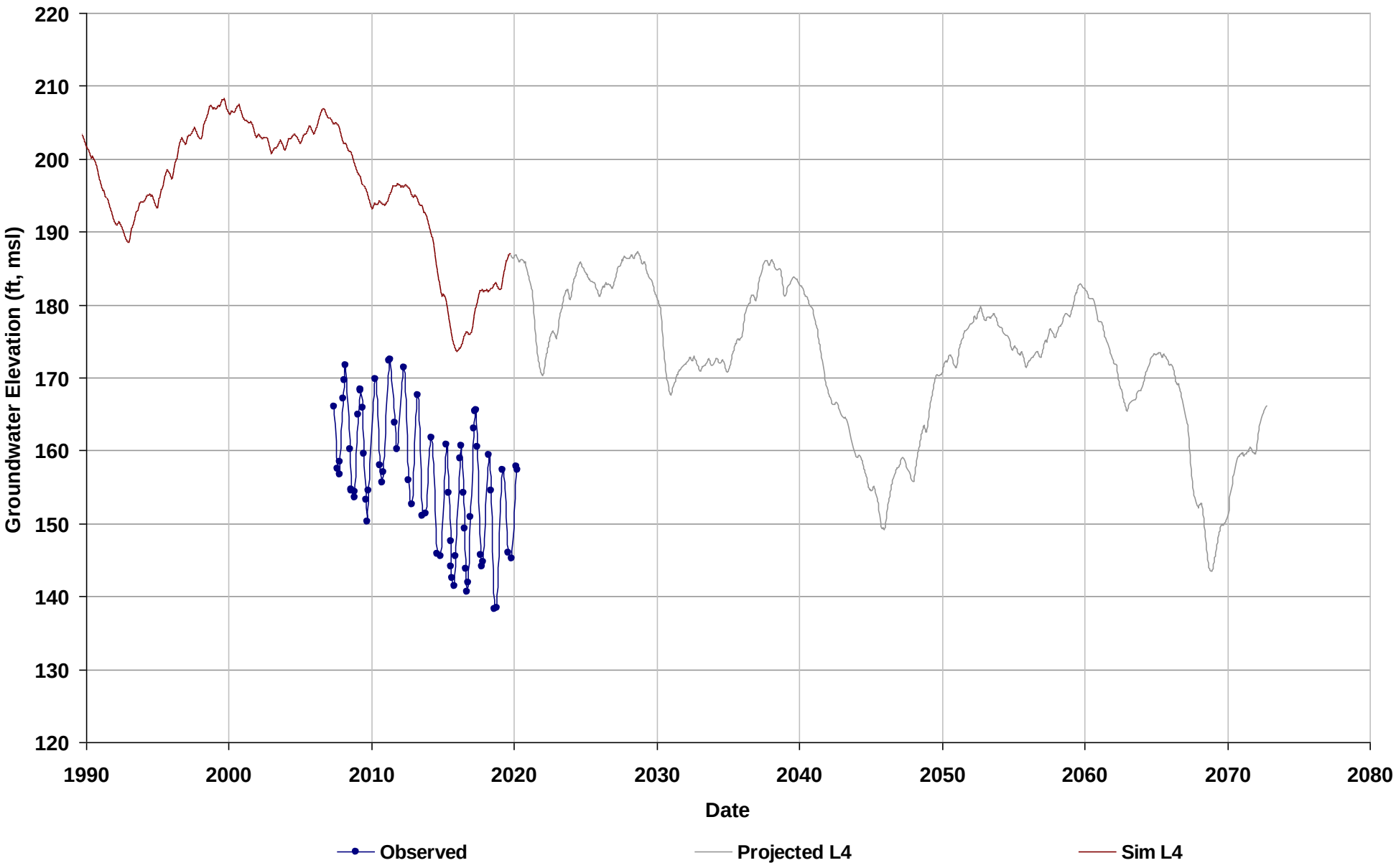
Total Depth (ft): 205
Perf Top (ft): 100
Perf Bottom (ft): 170
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 23N03W13C006M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 213

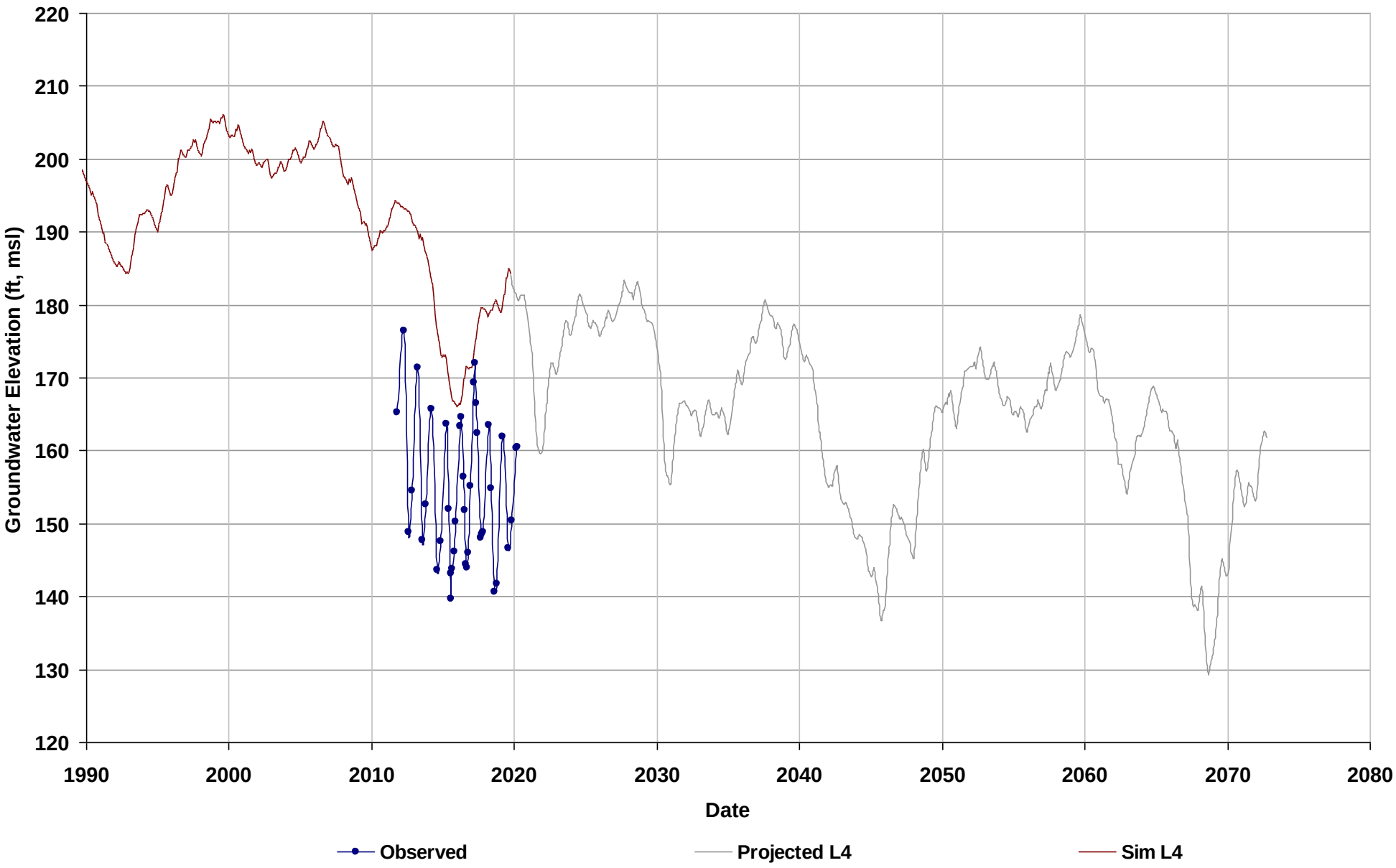
Total Depth (ft): 182
Perf Top (ft): 95
Perf Bottom (ft): 135
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 23N03W25M004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 235

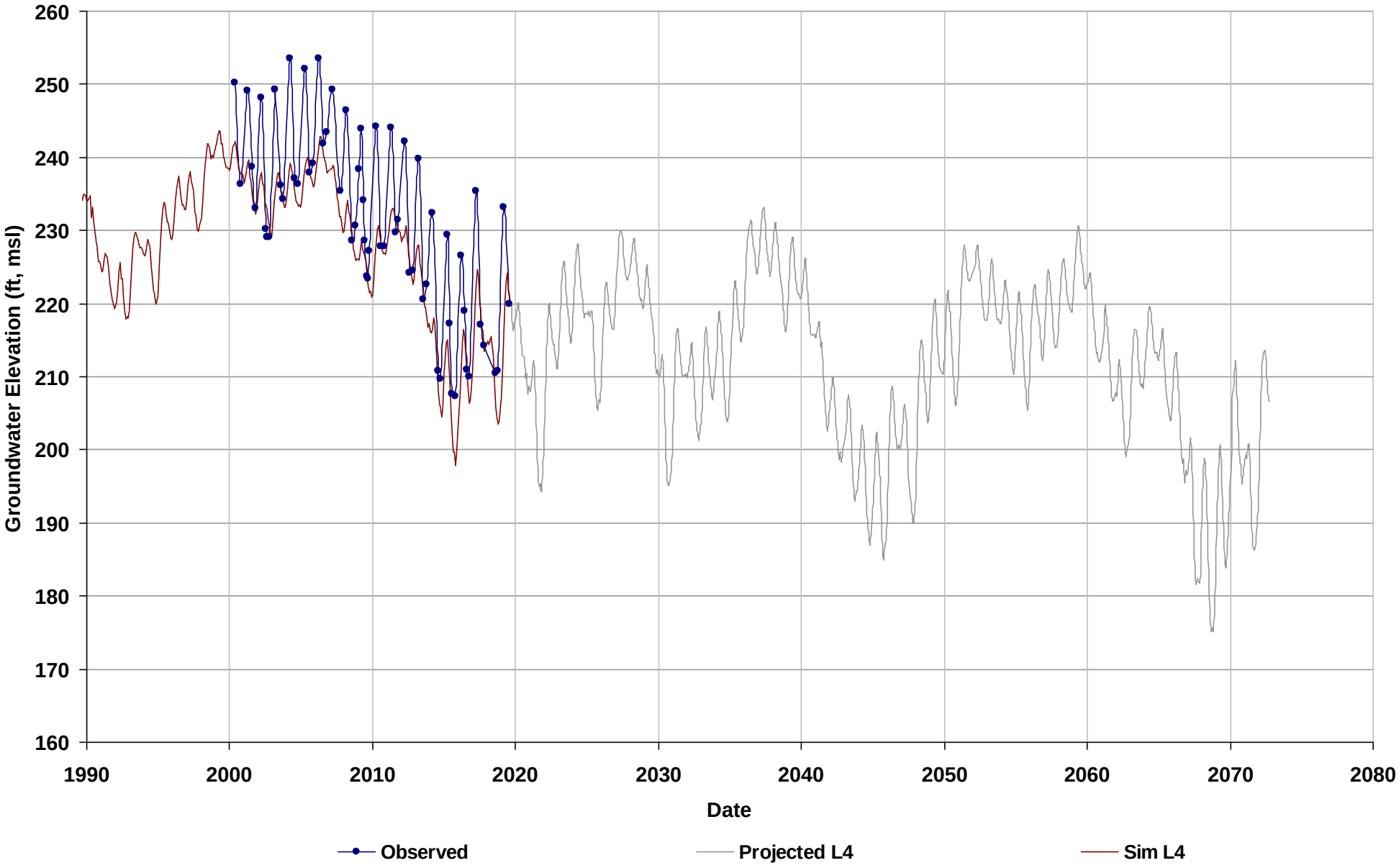
Total Depth (ft): 155
Perf Top (ft): 120
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 24N03W03R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 278

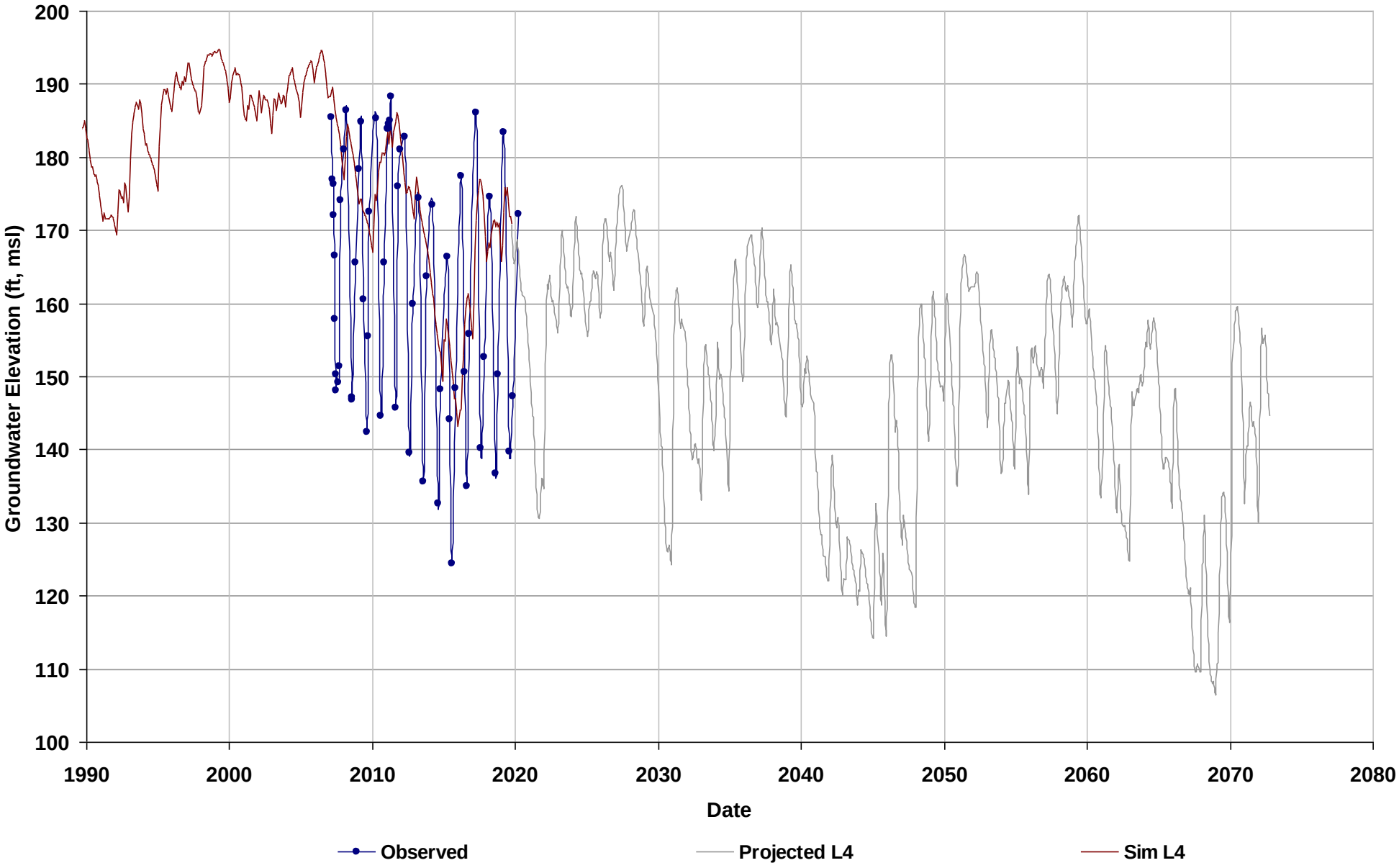
Total Depth (ft): 132
Perf Top (ft): 112
Perf Bottom (ft): 132
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W18C003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

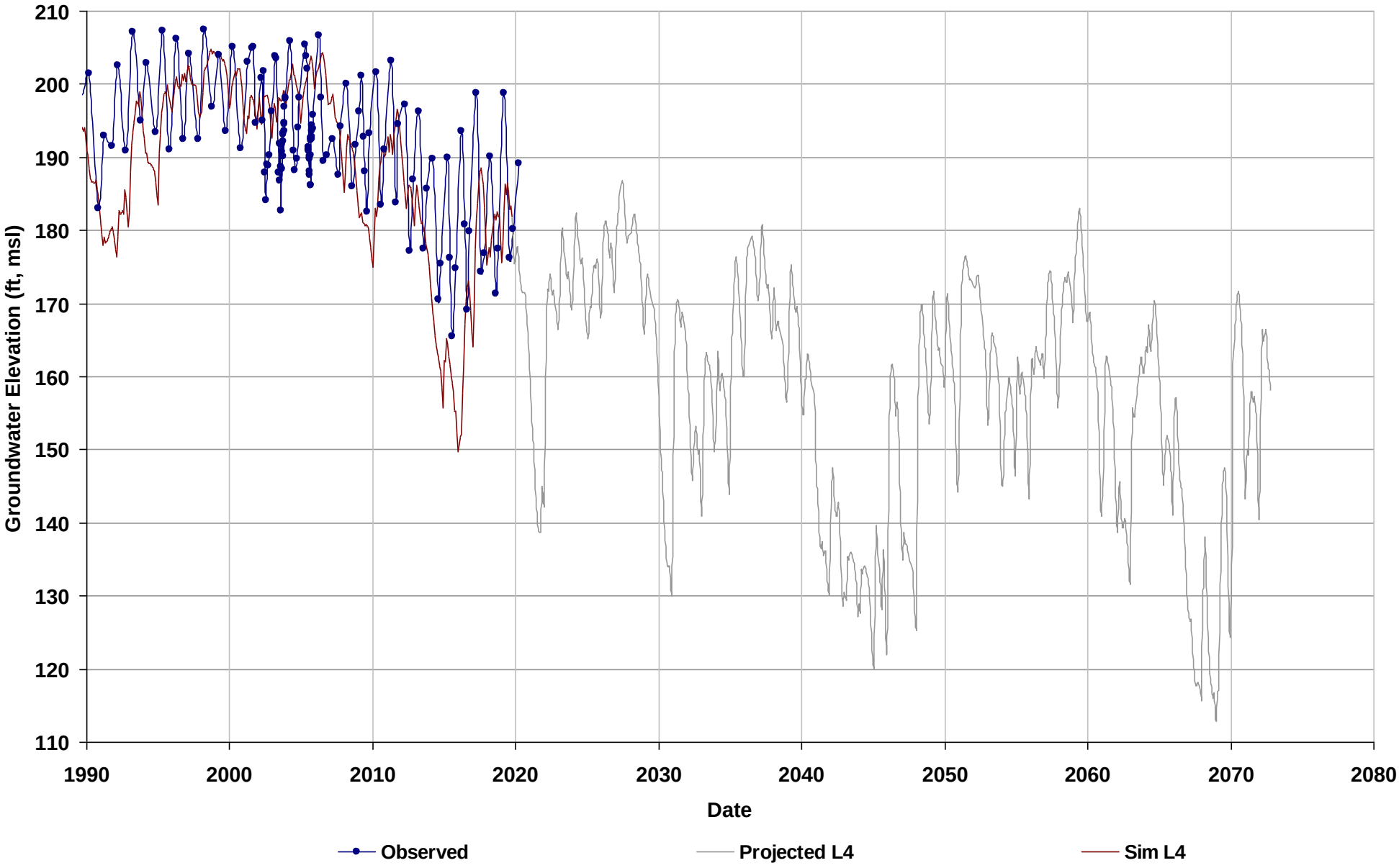
Total Depth (ft): 188
Perf Top (ft): 165
Perf Bottom (ft): 175
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N03W12Q003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 232

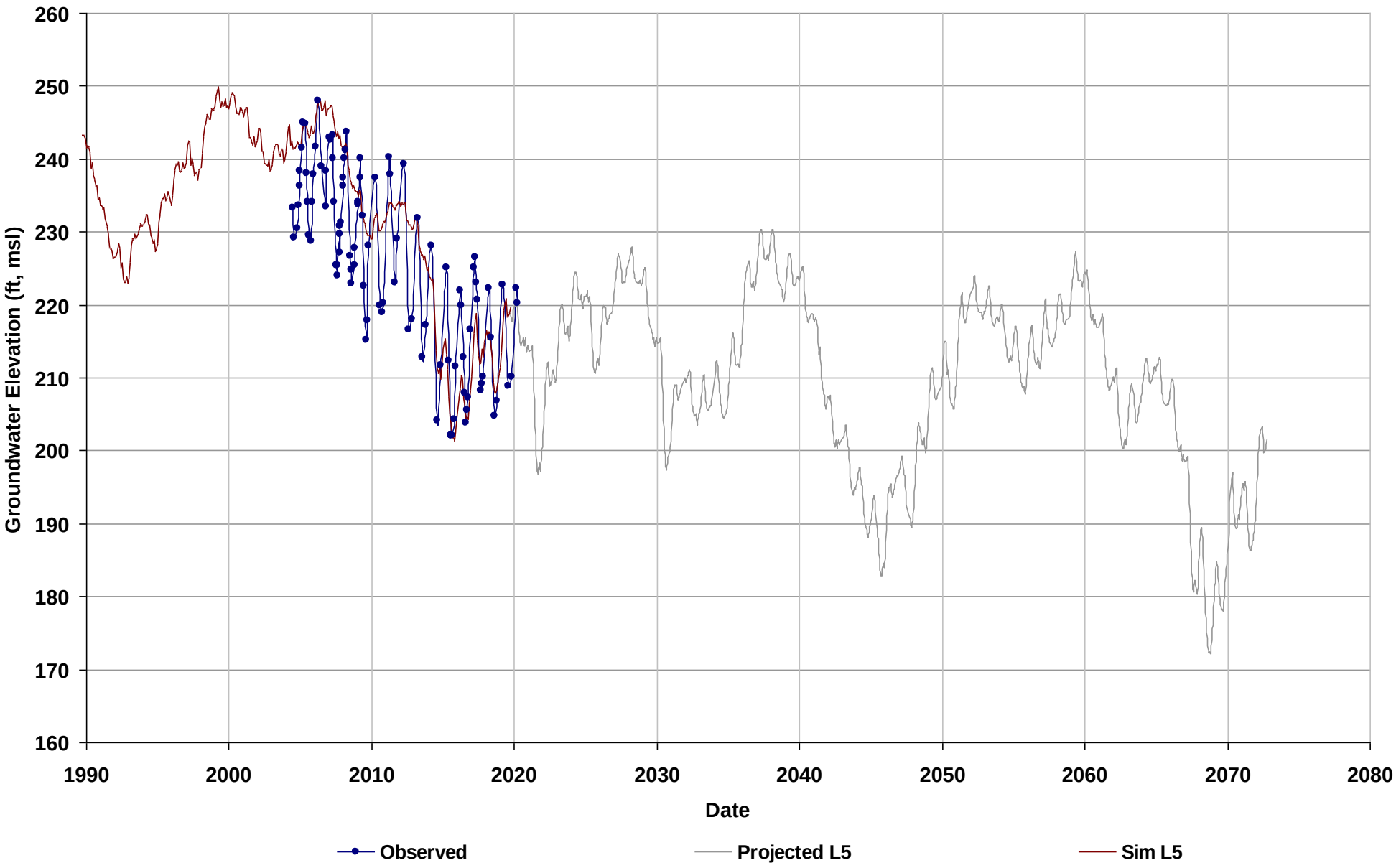
Total Depth (ft):
Perf Top (ft): 112
Perf Bottom (ft): 123
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 24N03W29Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 314

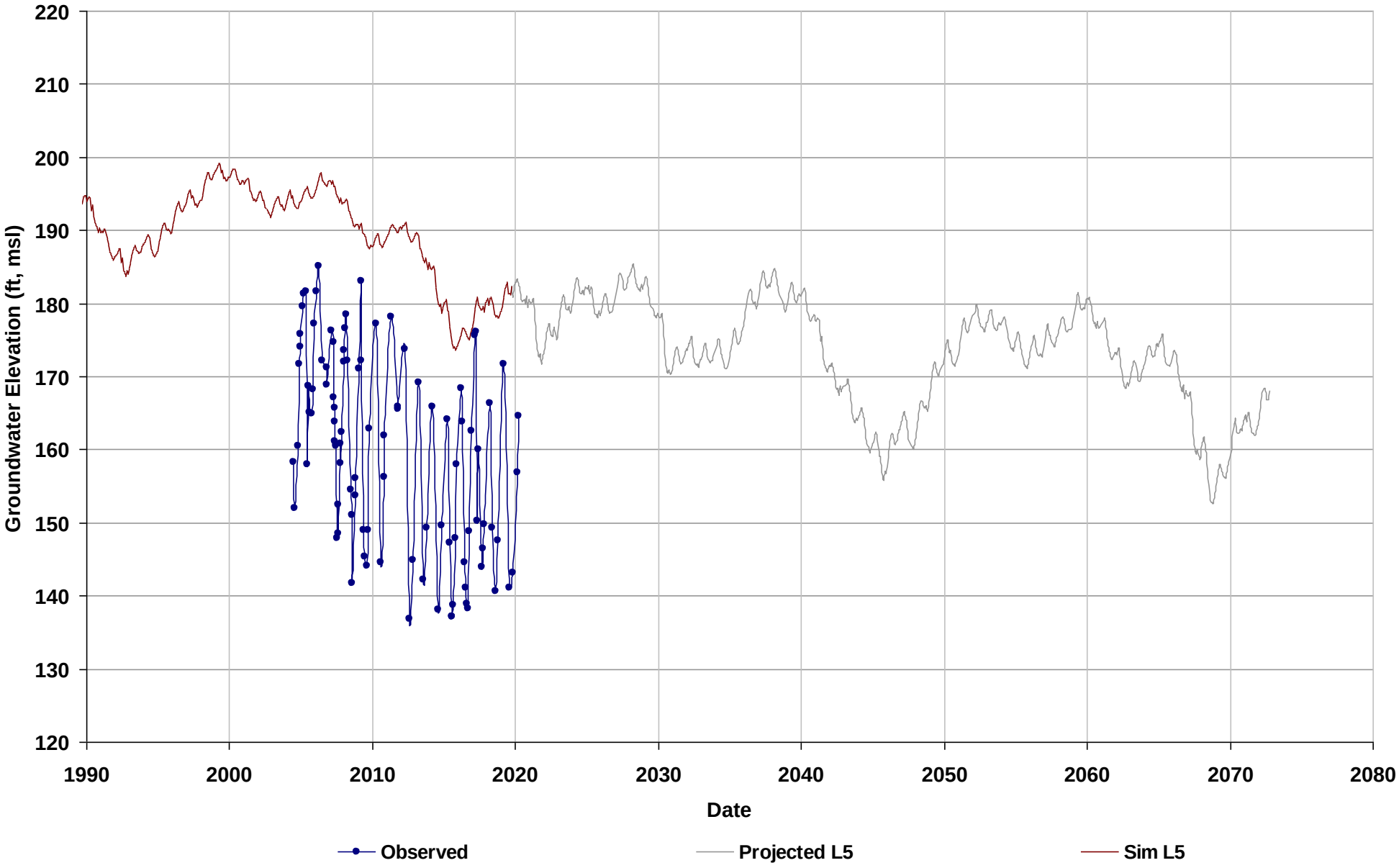
Total Depth (ft): 372
Perf Top (ft): 130
Perf Bottom (ft): 360
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 24N02W29N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 212

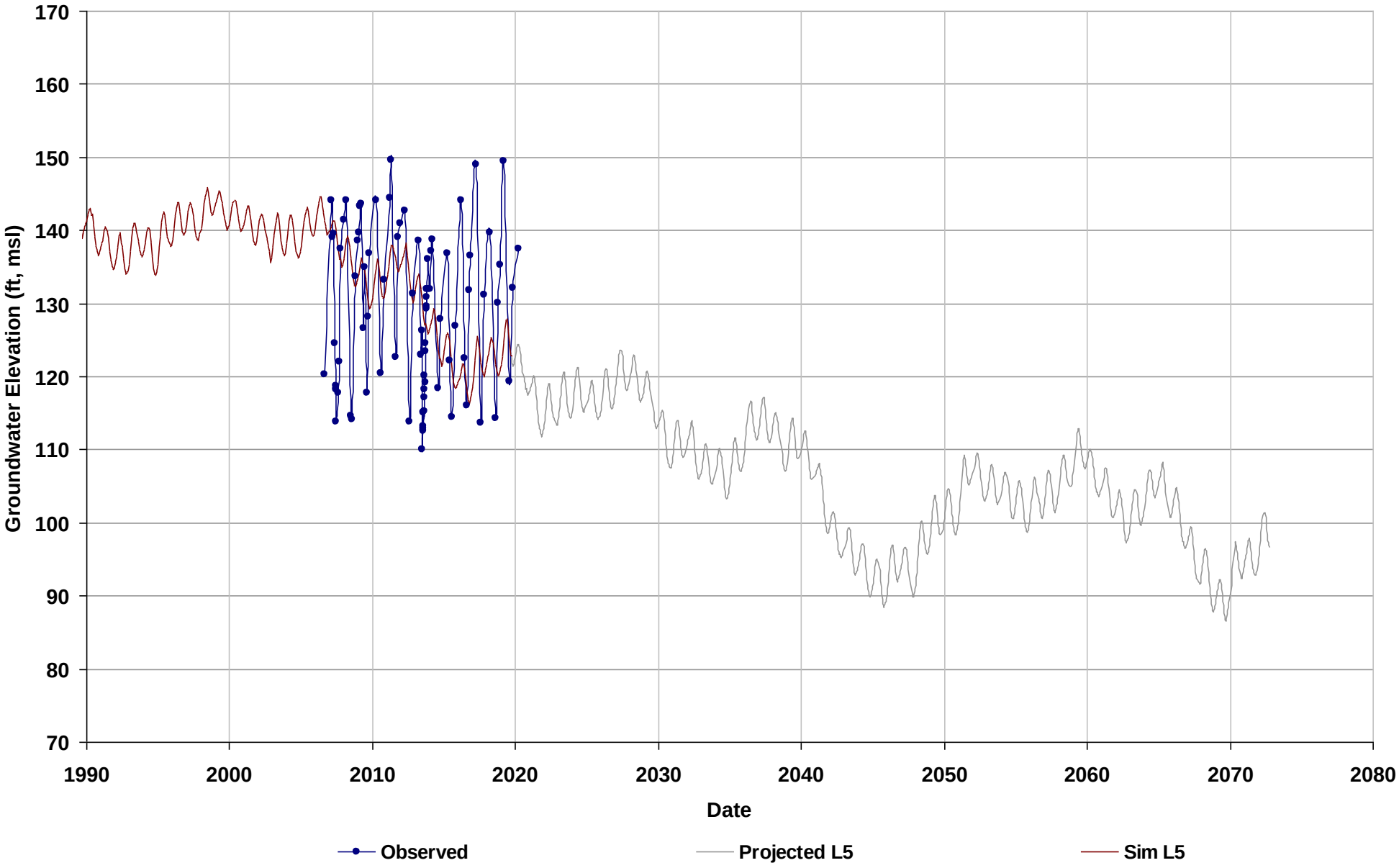
Total Depth (ft): 388
Perf Top (ft): 200
Perf Bottom (ft): 290
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W01N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

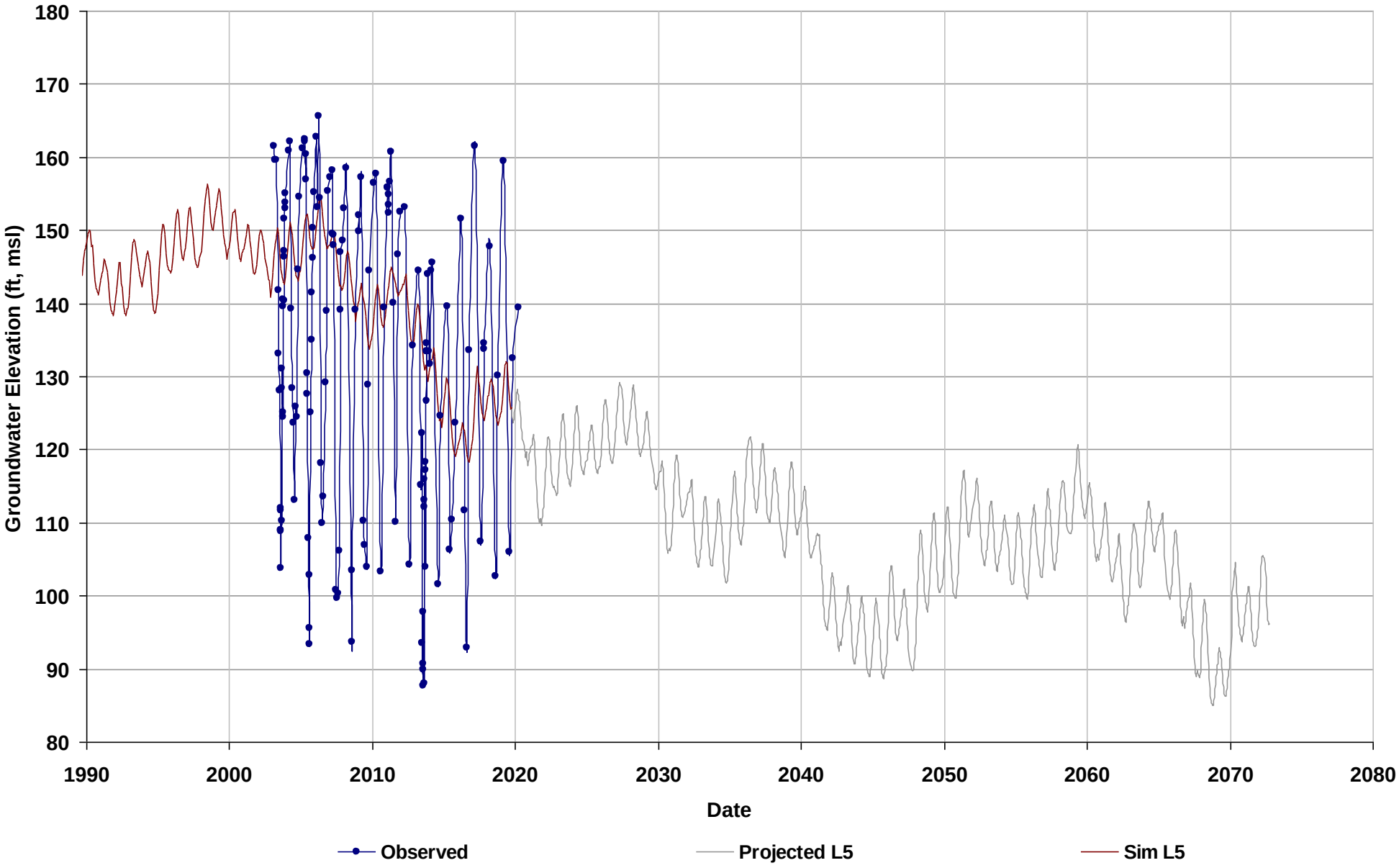
Total Depth (ft): 440
Perf Top (ft): 210
Perf Bottom (ft): 370
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W15C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

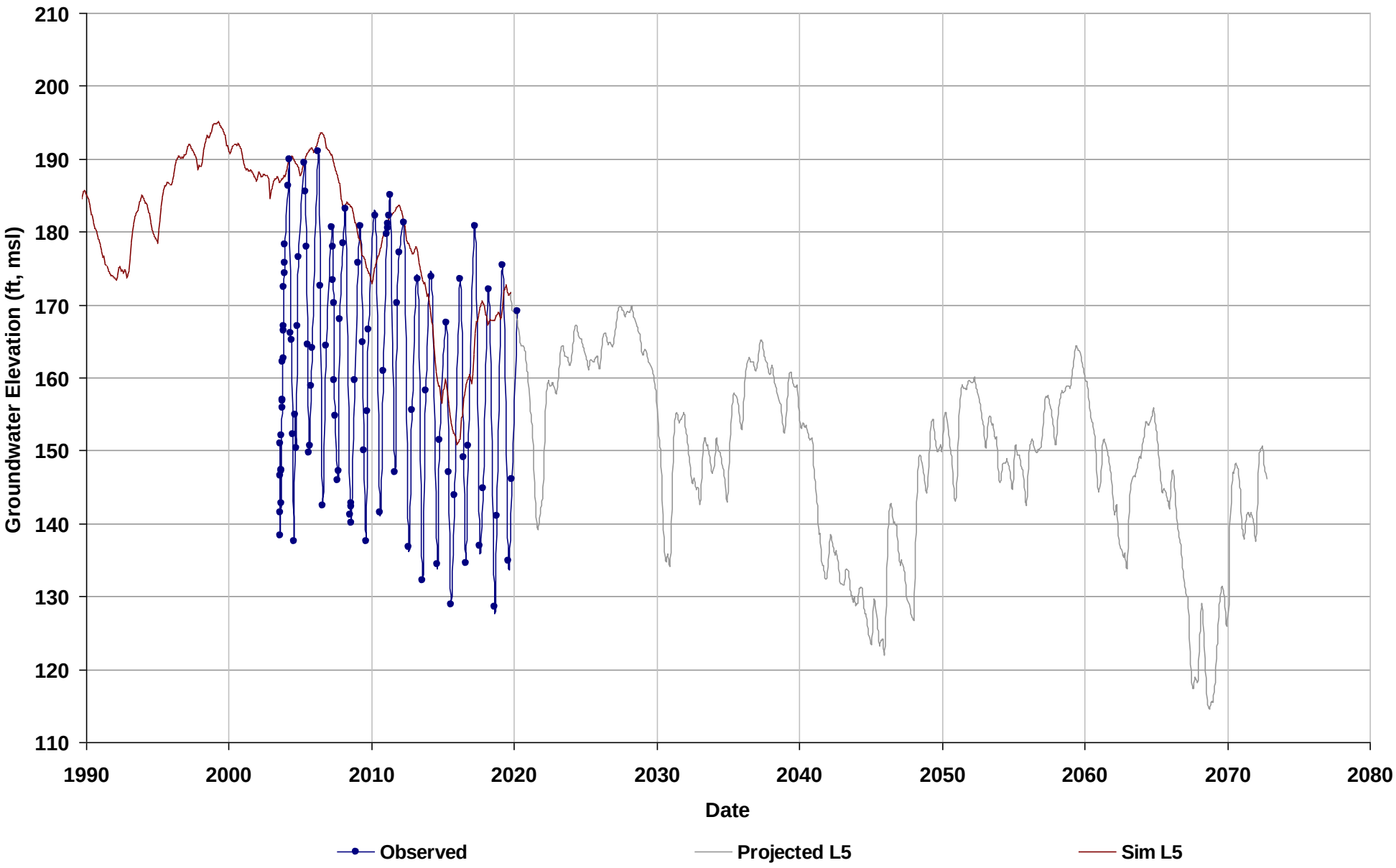
Total Depth (ft): 258
Perf Top (ft): 210
Perf Bottom (ft): 220
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N03W01R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

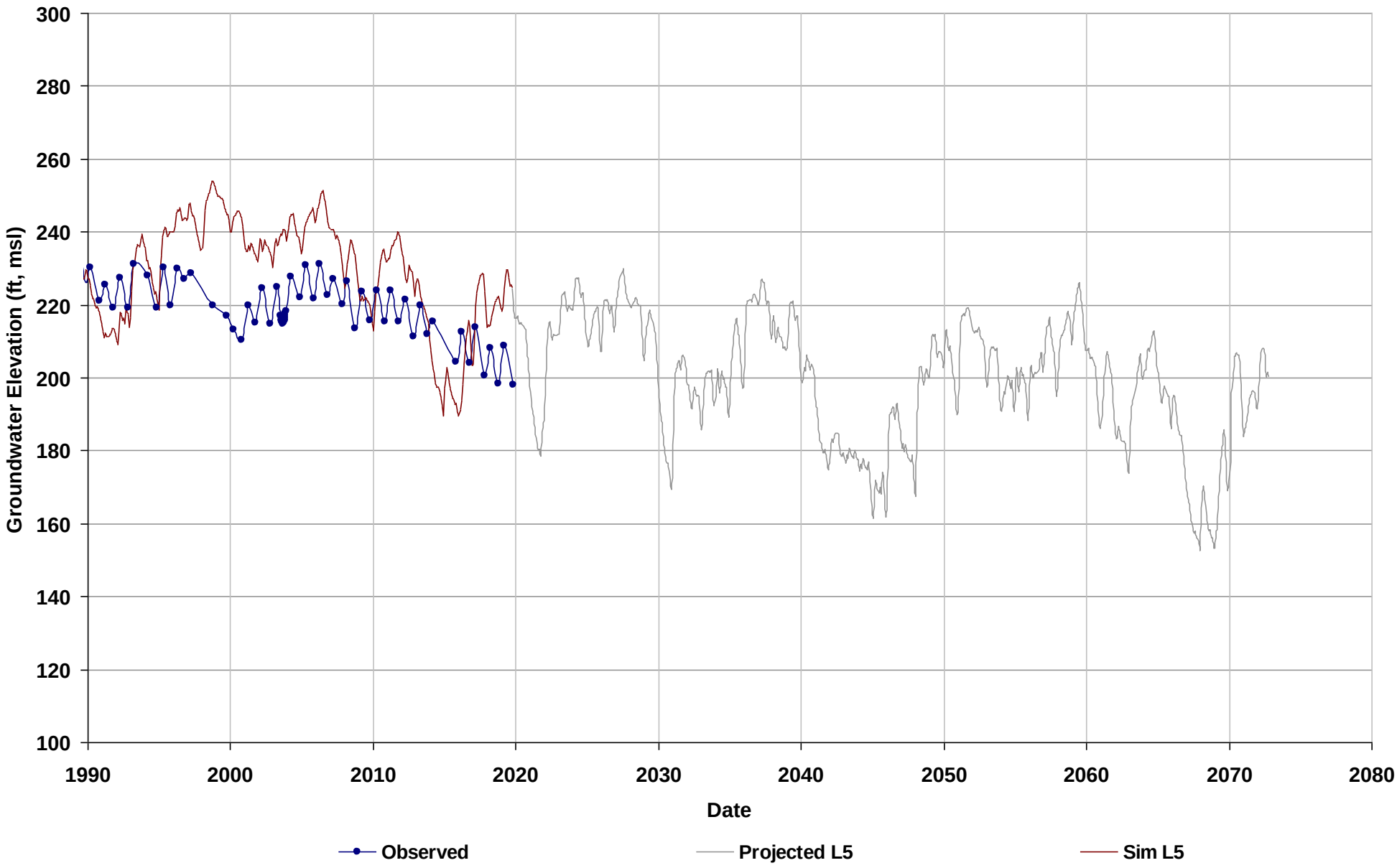
Total Depth (ft): 314
Perf Top (ft): 270
Perf Bottom (ft): 280
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N03W05F002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 297

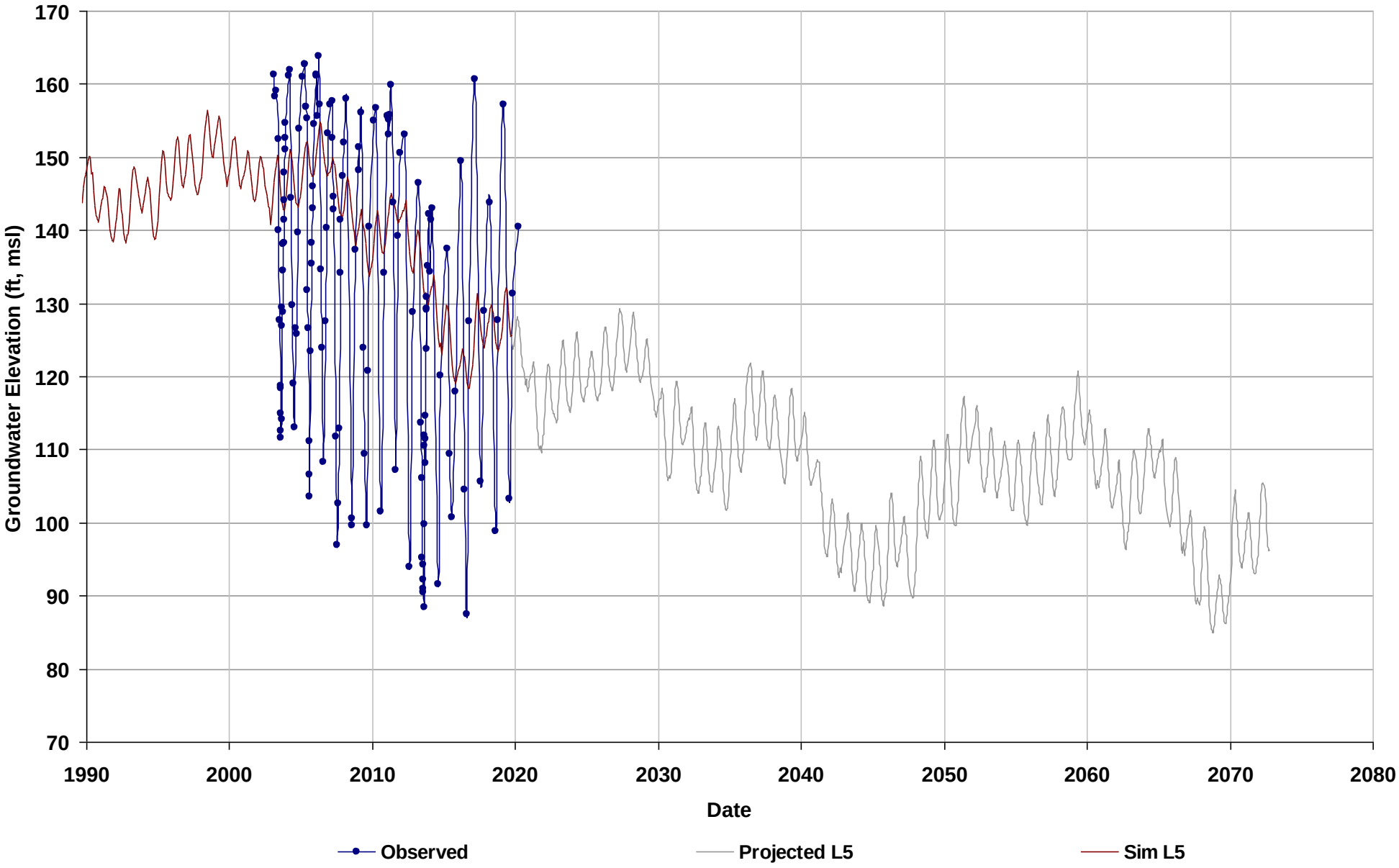
Total Depth (ft):
Perf Top (ft): 188
Perf Bottom (ft): 218
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W15C003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 189

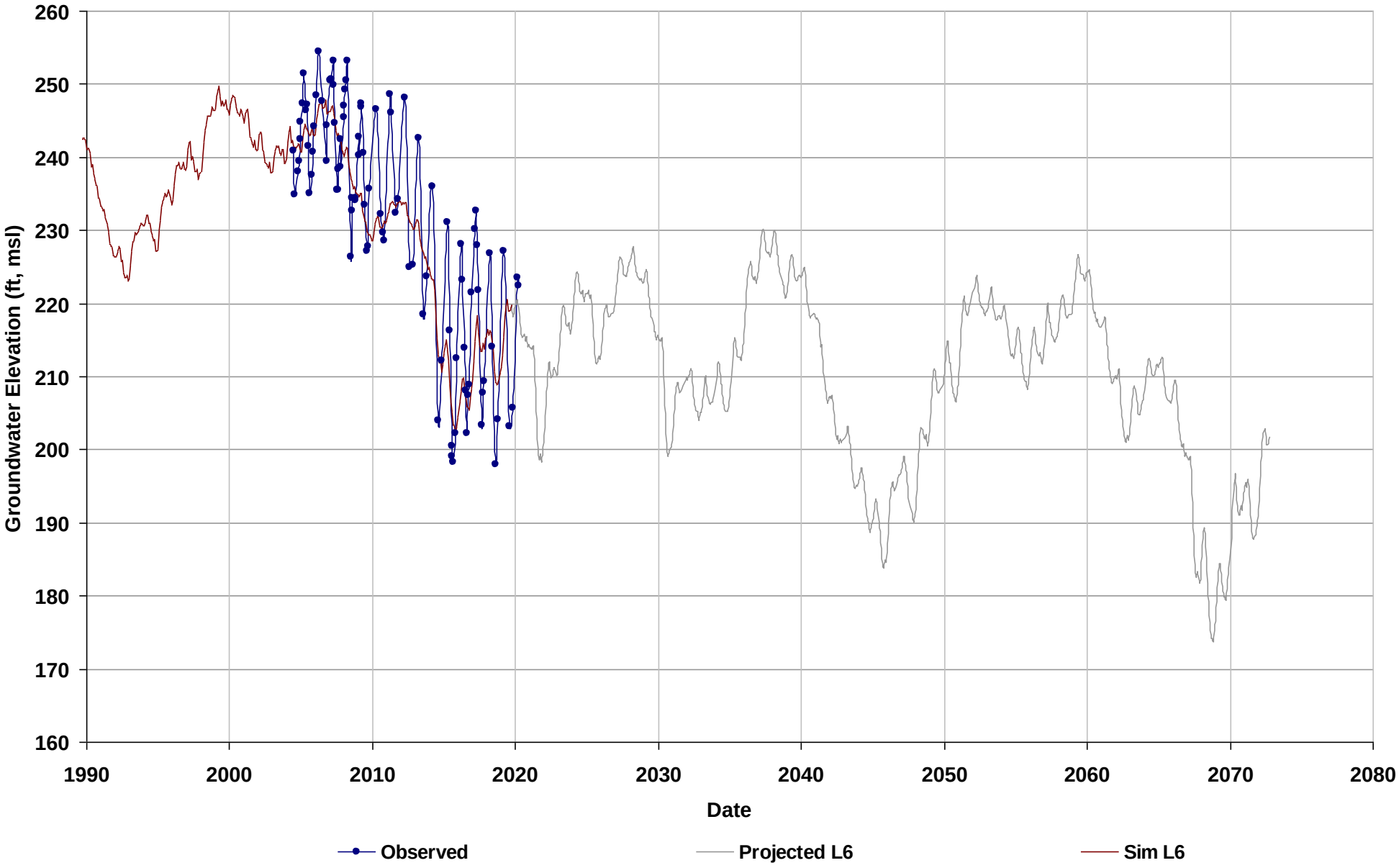
Total Depth (ft): 422
Perf Top (ft): 370
Perf Bottom (ft): 380
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 24N03W29Q002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

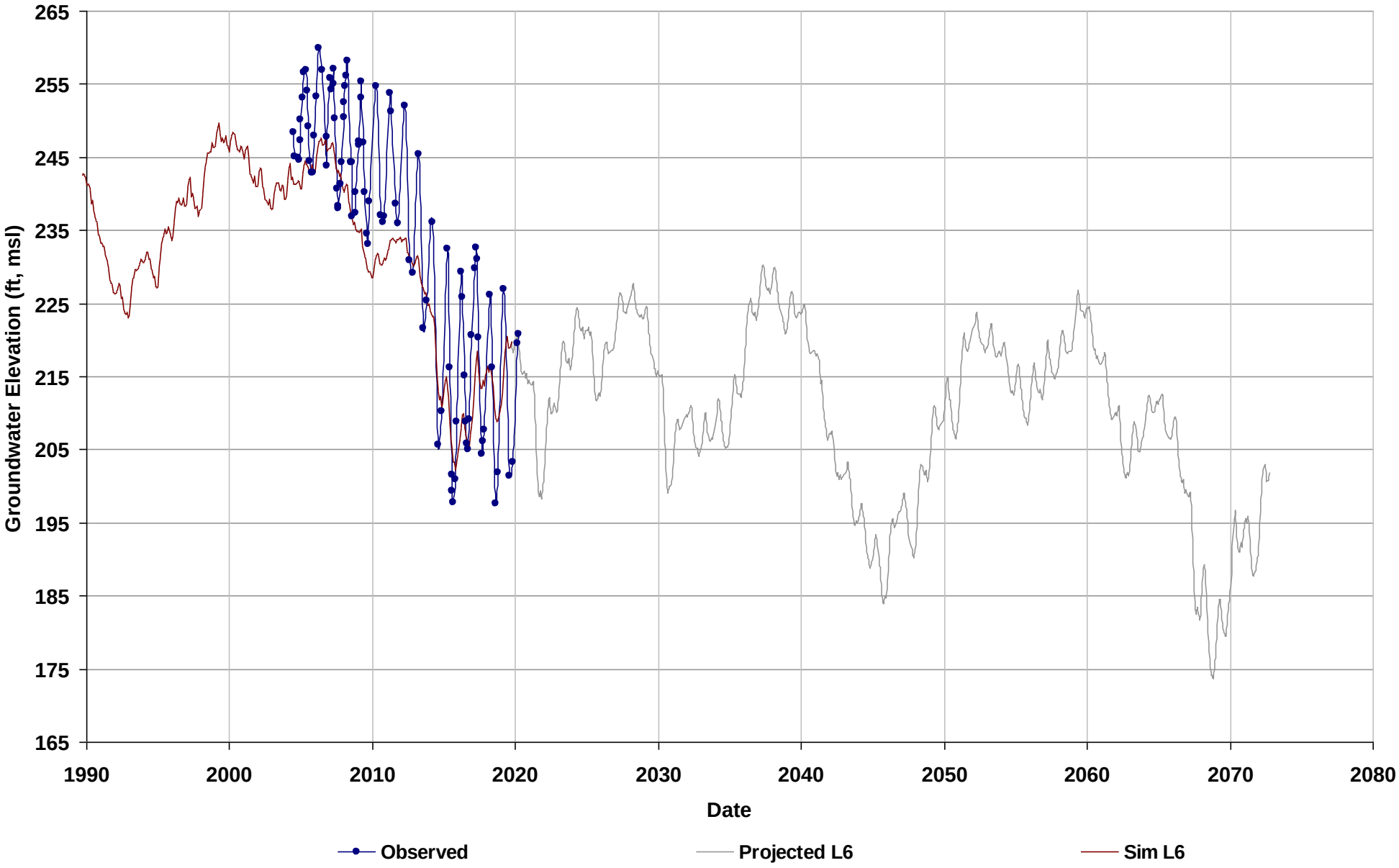
Total Depth (ft): 575
Perf Top (ft): 490
Perf Bottom (ft): 550
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 24N03W29Q003M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

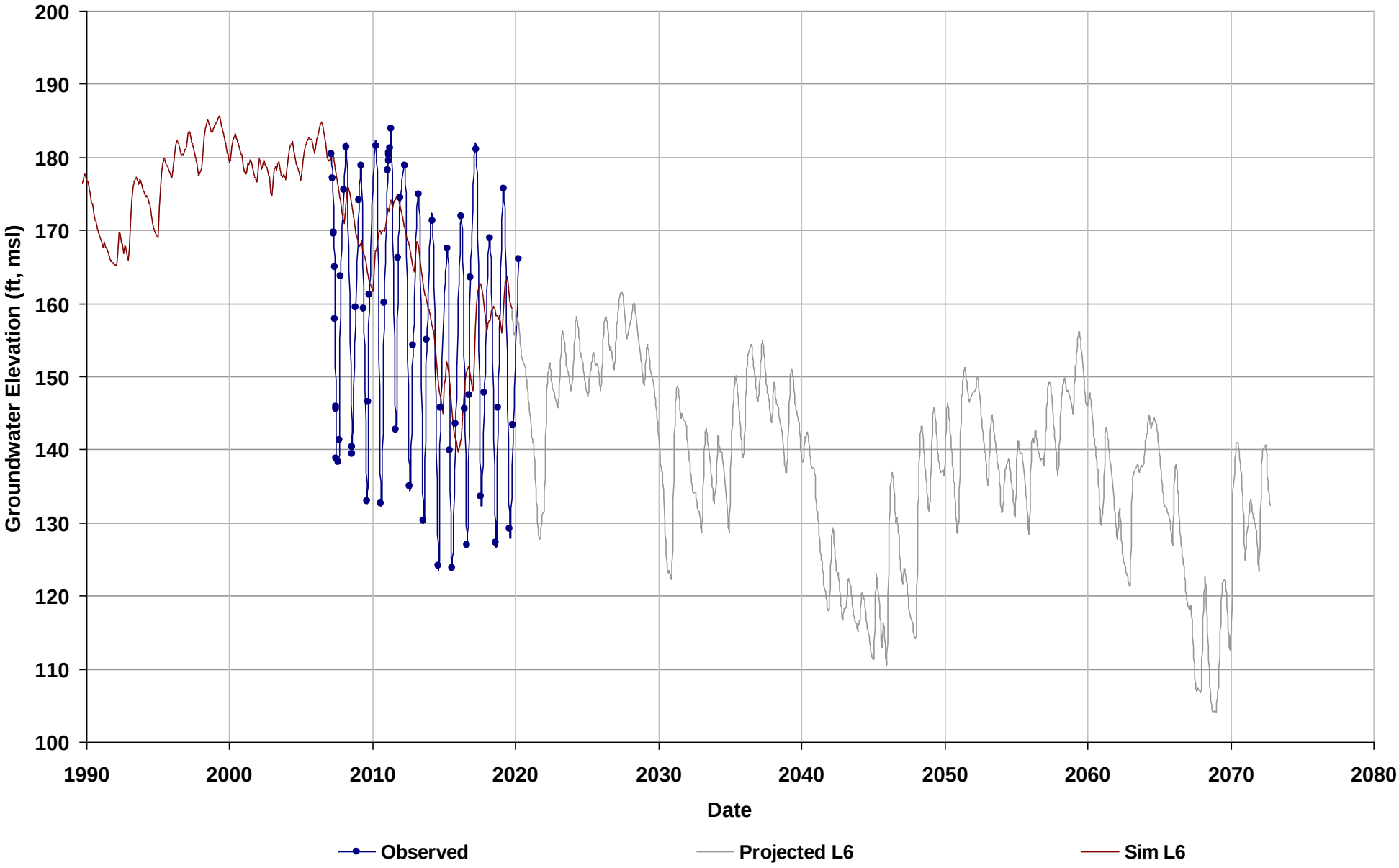
Total Depth (ft): 844
Perf Top (ft): 650
Perf Bottom (ft): 710
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W18C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

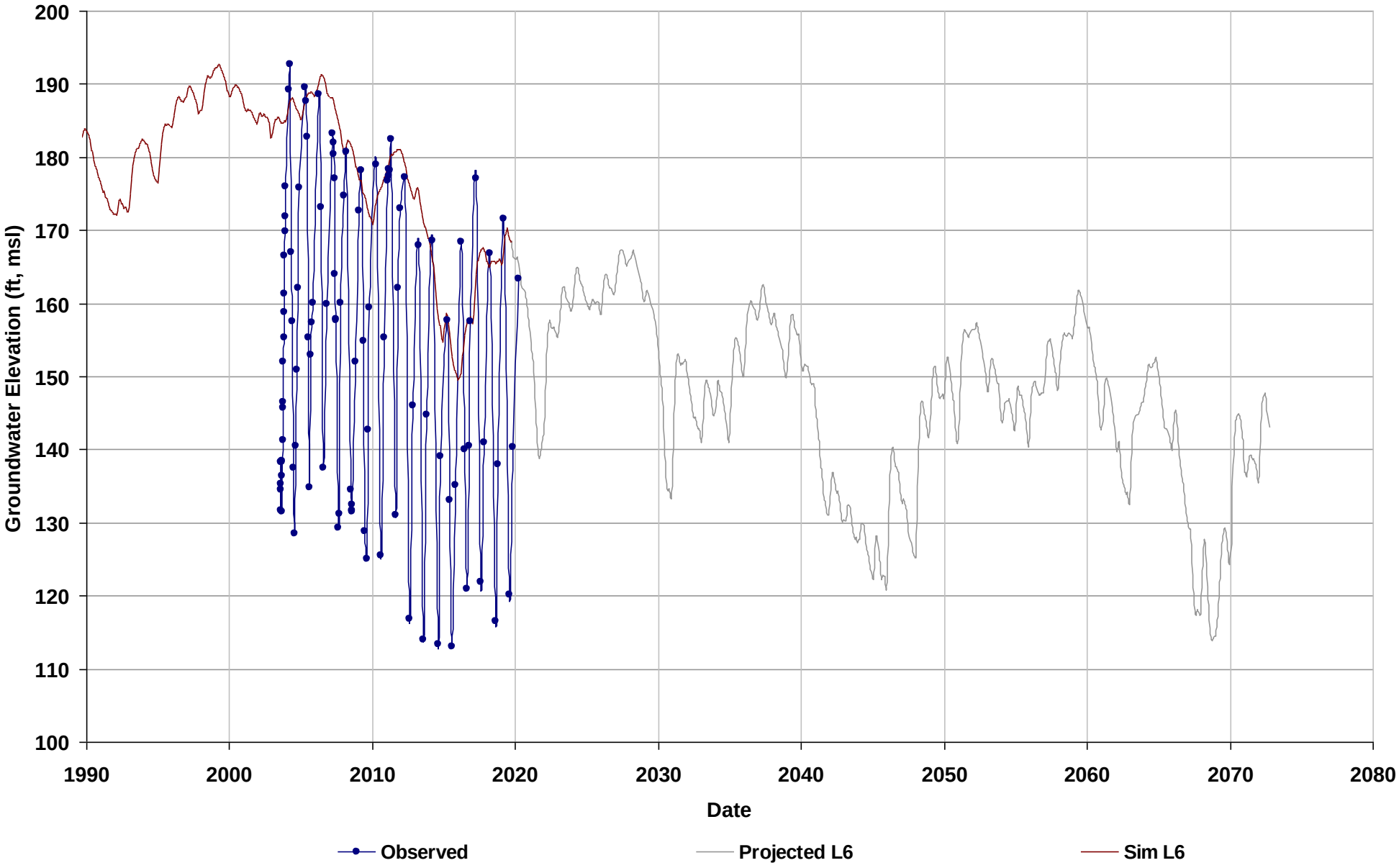
Total Depth (ft): 482
Perf Top (ft): 414
Perf Bottom (ft): 434
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N03W01R001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 226

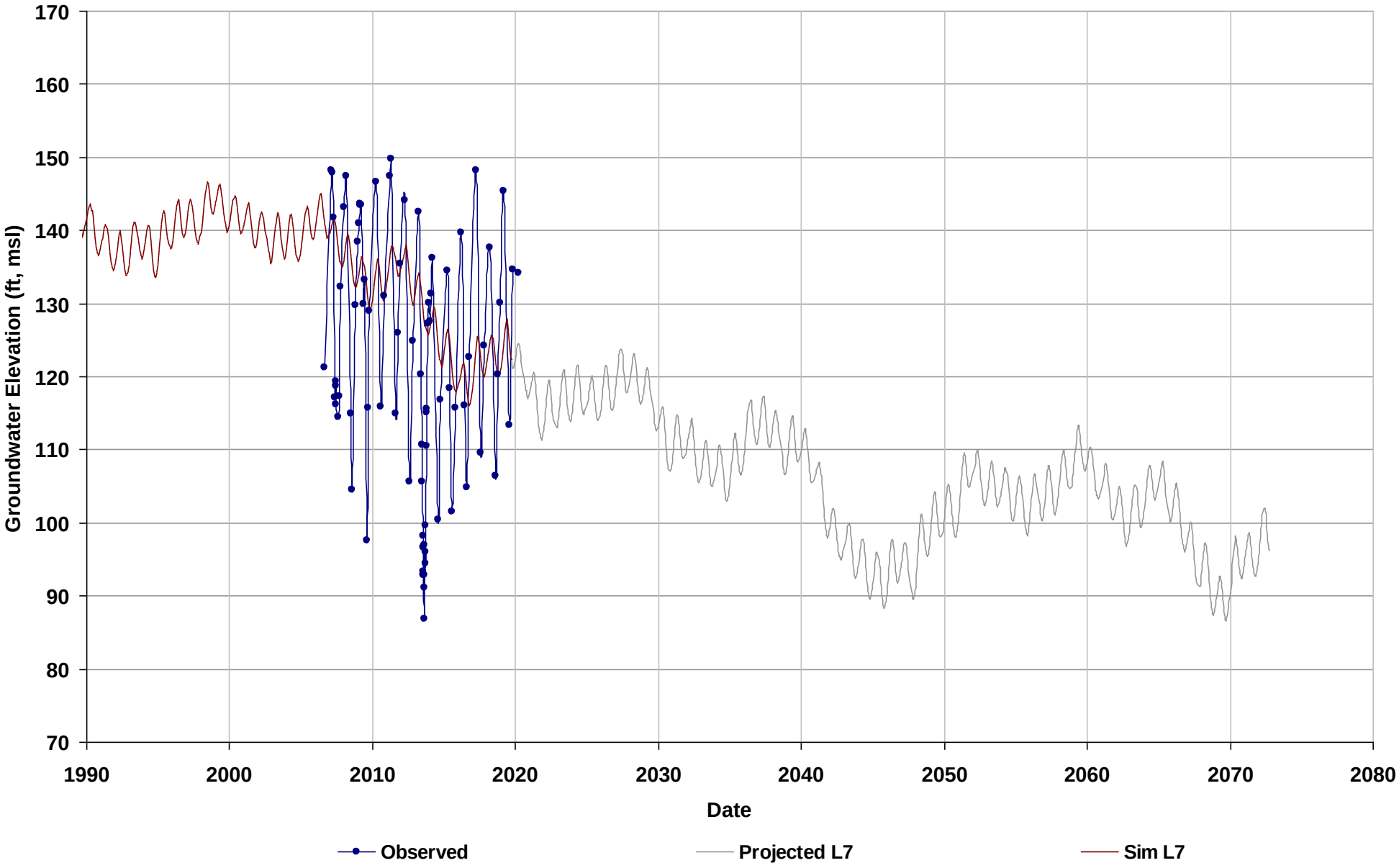
Total Depth (ft): 515
Perf Top (ft): 470
Perf Bottom (ft): 480
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W01N002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

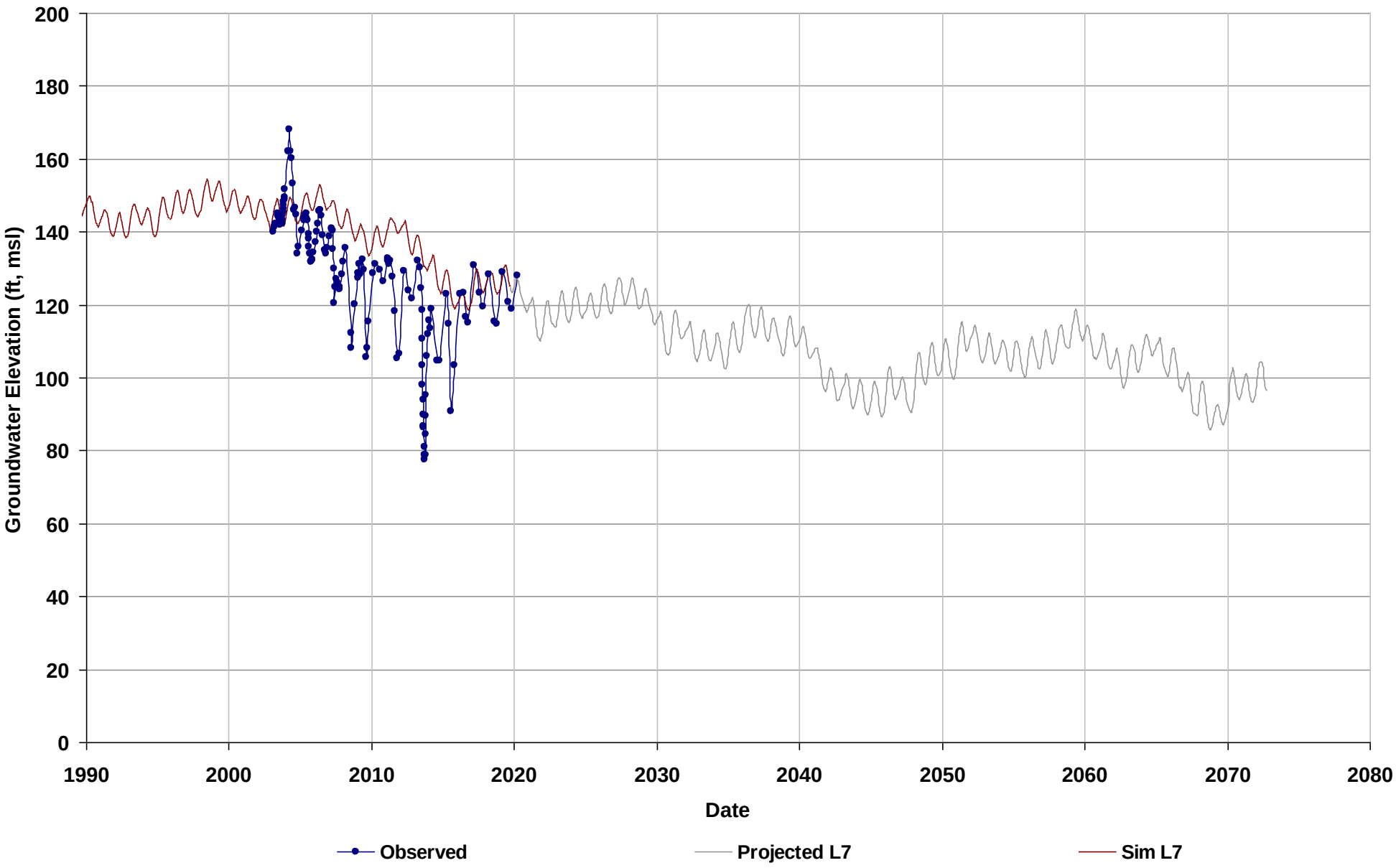
Total Depth (ft): 730
Perf Top (ft): 700
Perf Bottom (ft): 710
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W15C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 189

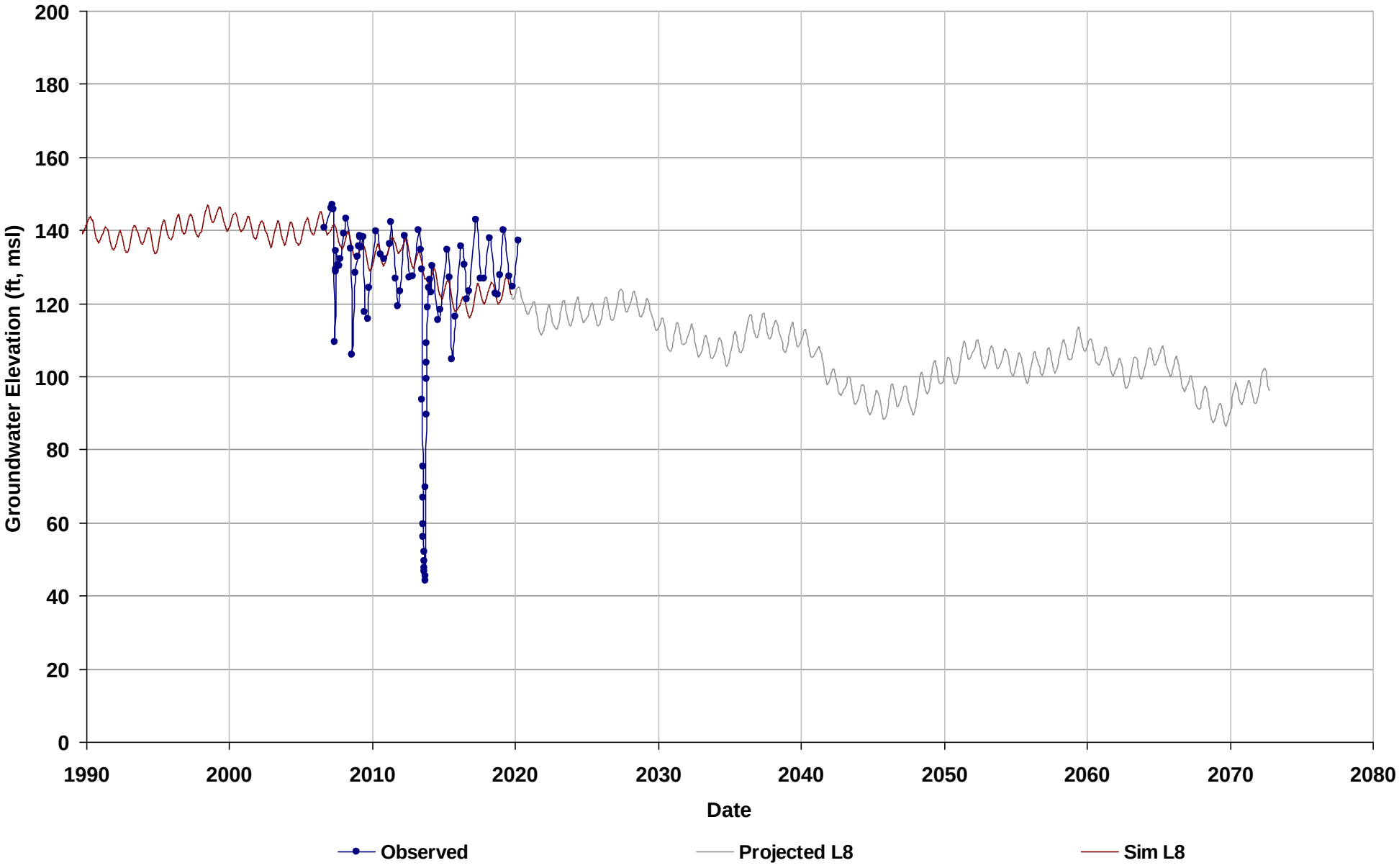
Total Depth (ft): 825
Perf Top (ft): 760
Perf Bottom (ft): 781
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W01N001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

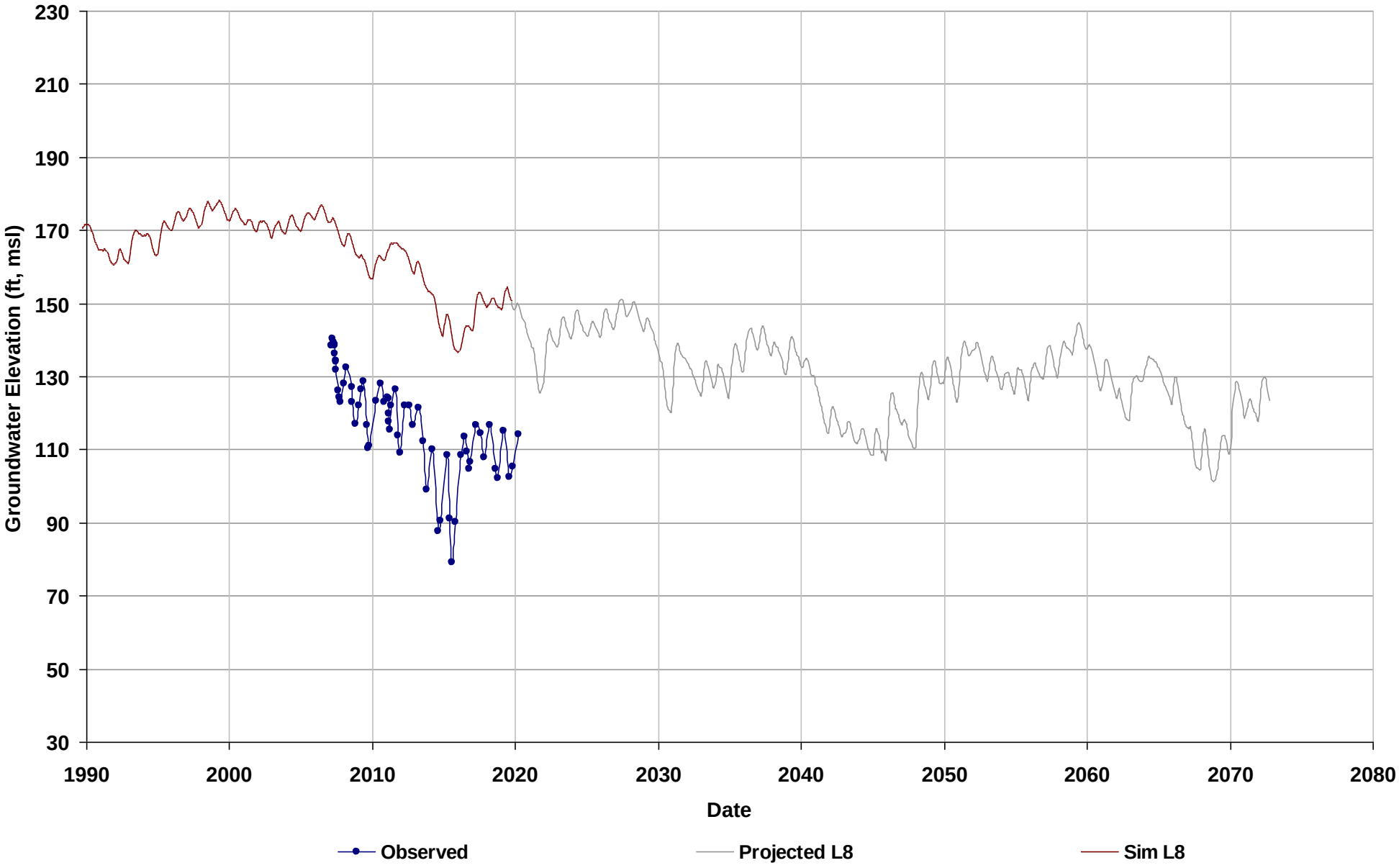
Total Depth (ft): 1100
Perf Top (ft): 810
Perf Bottom (ft): 1050
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 22N02W18C001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

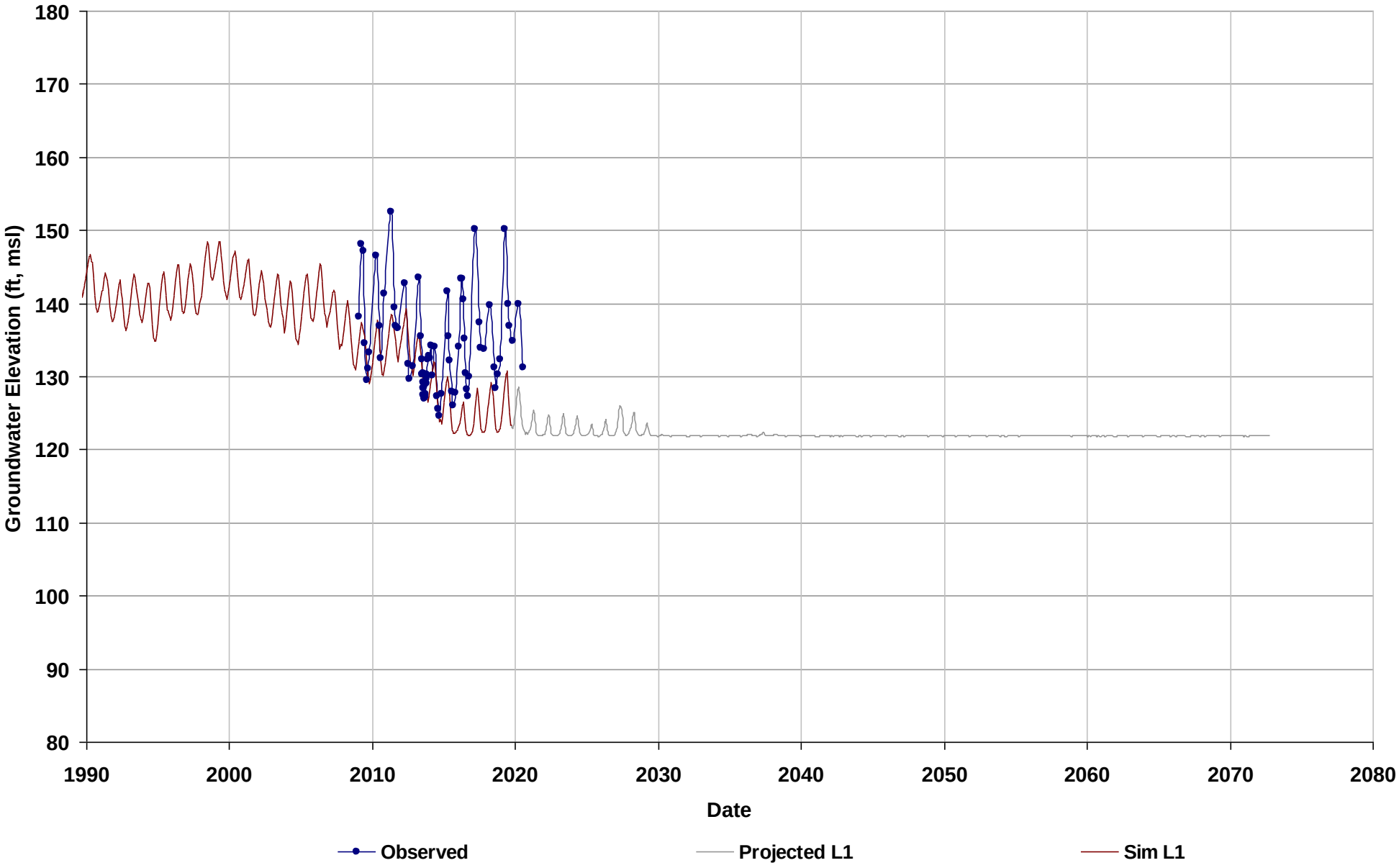
Total Depth (ft): 1062
Perf Top (ft): 841
Perf Bottom (ft): 1029
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 23N01W28M005M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 159

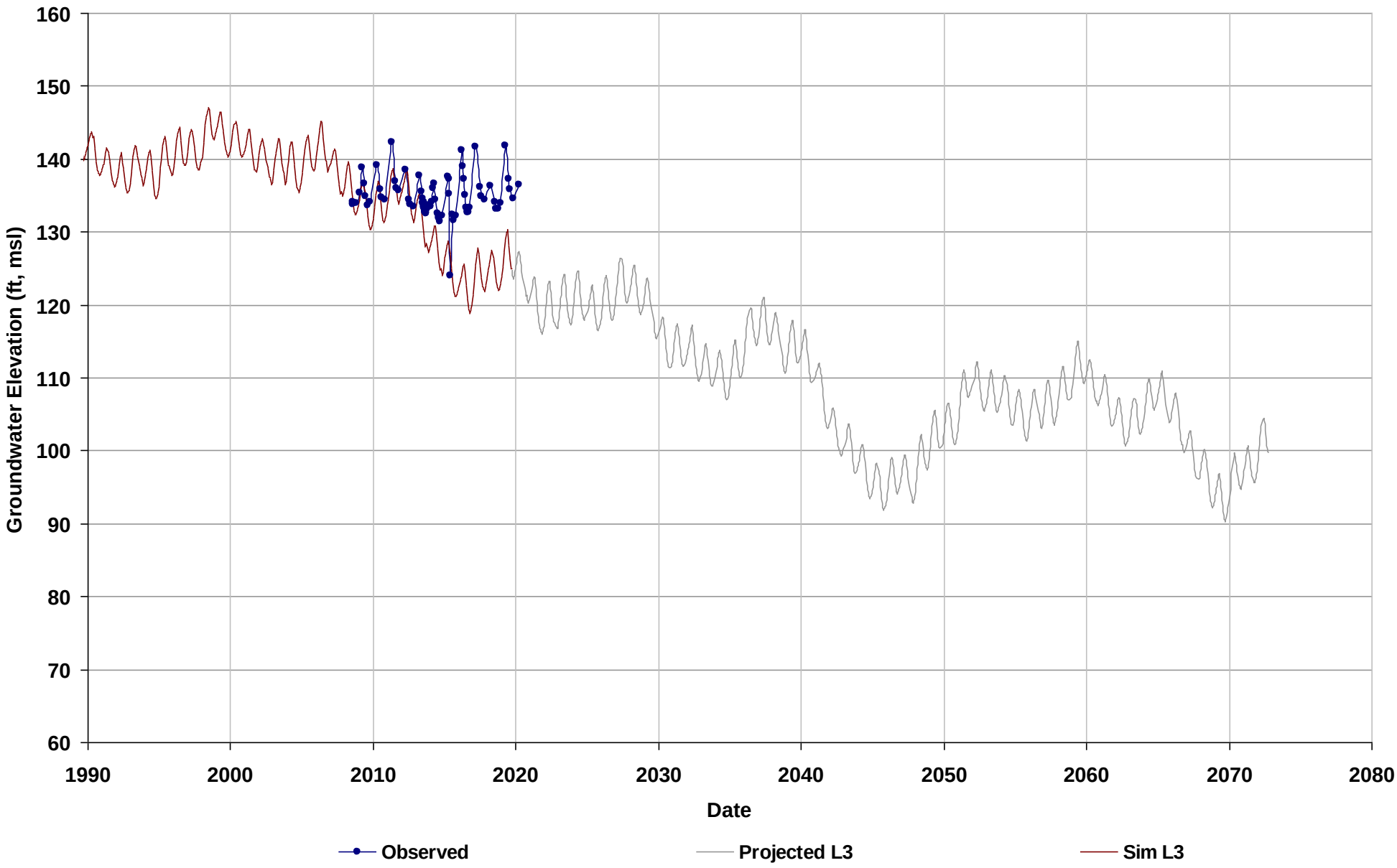
Total Depth (ft): 72
Perf Top (ft): 30
Perf Bottom (ft): 50
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 23N01W31M004M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

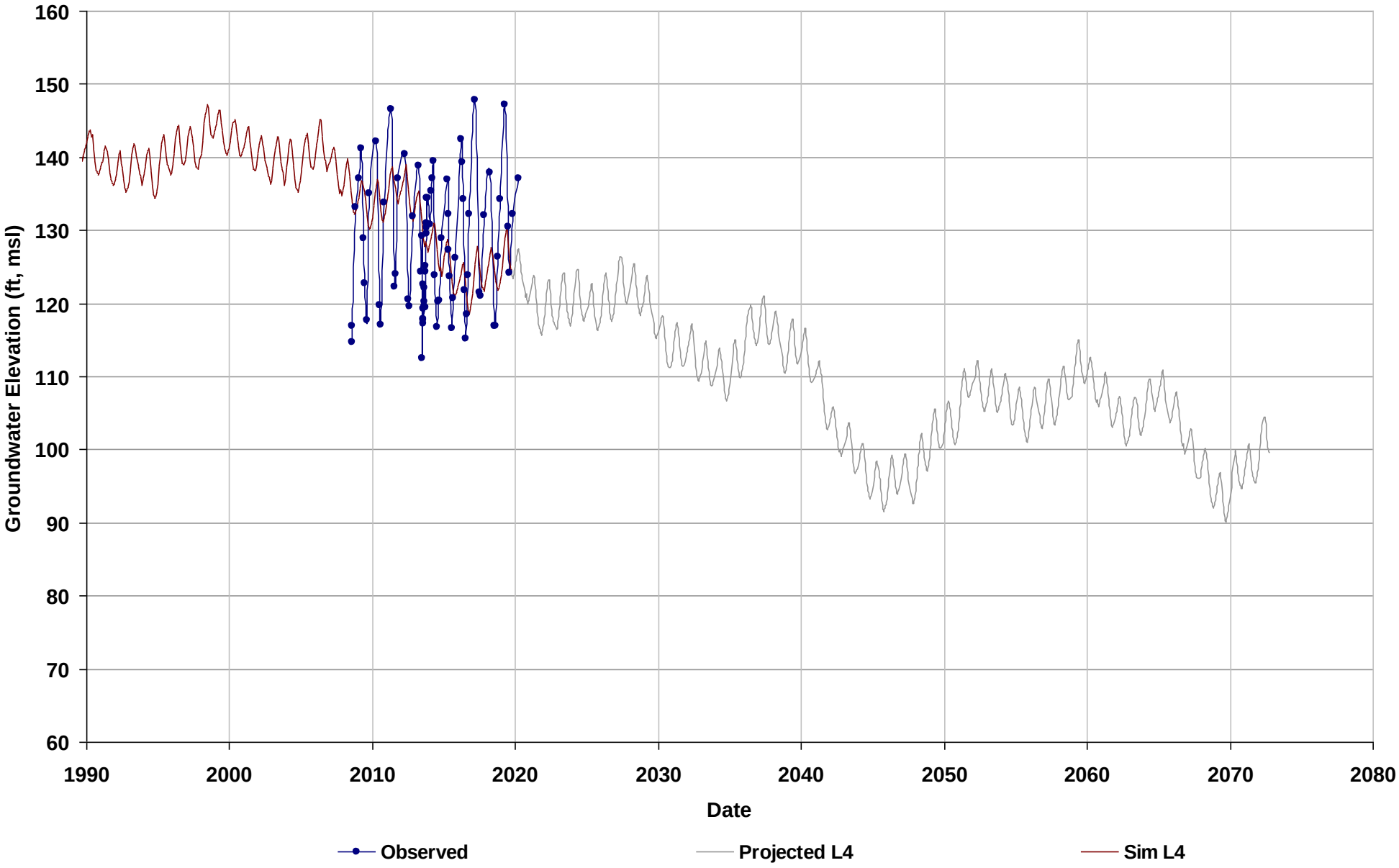
Total Depth (ft): 106
Perf Top (ft): 65.5
Perf Bottom (ft): 75.5
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 23N01W31M003M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

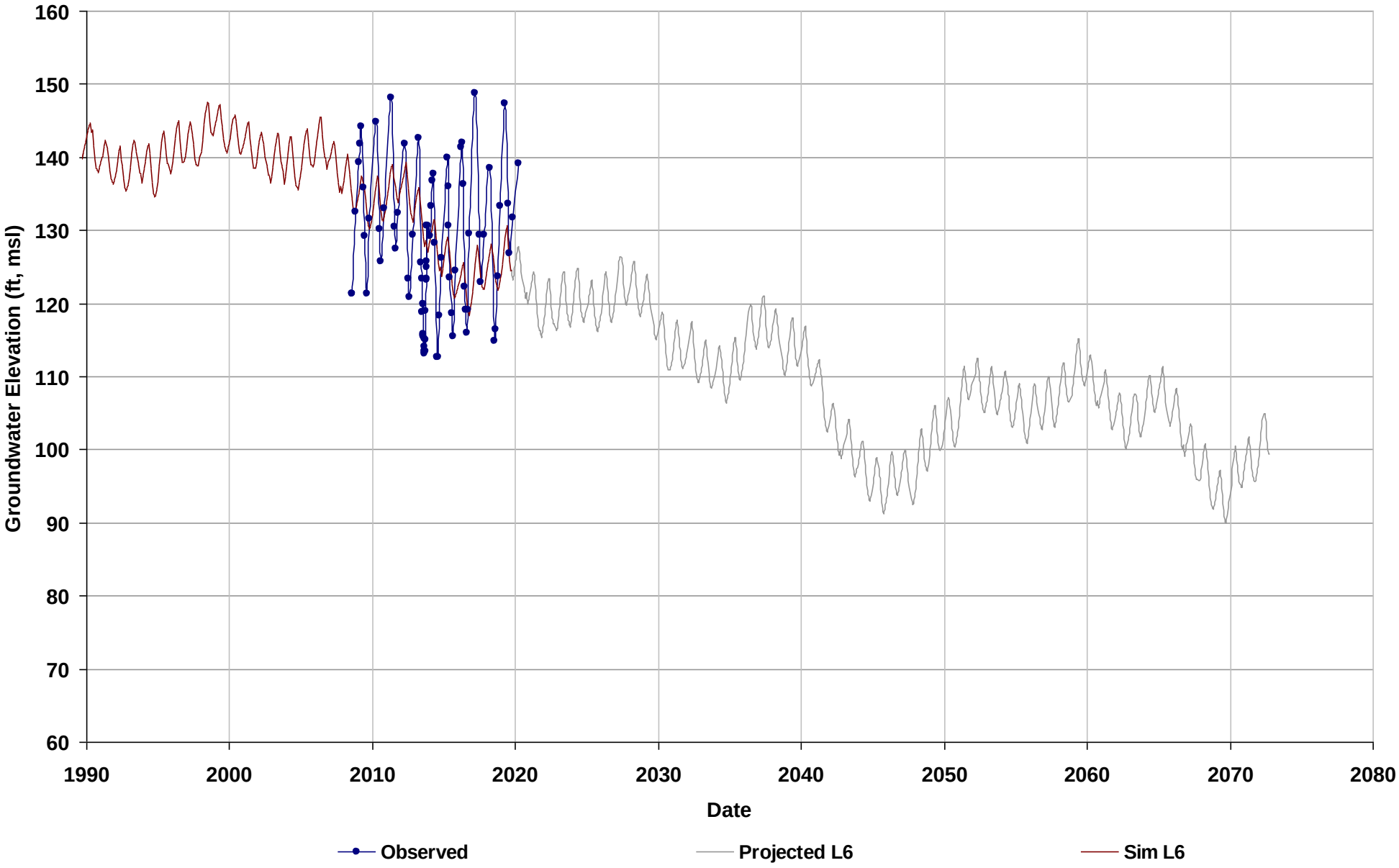
Total Depth (ft): 245
Perf Top (ft): 140
Perf Bottom (ft): 201
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 23N01W31M002M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

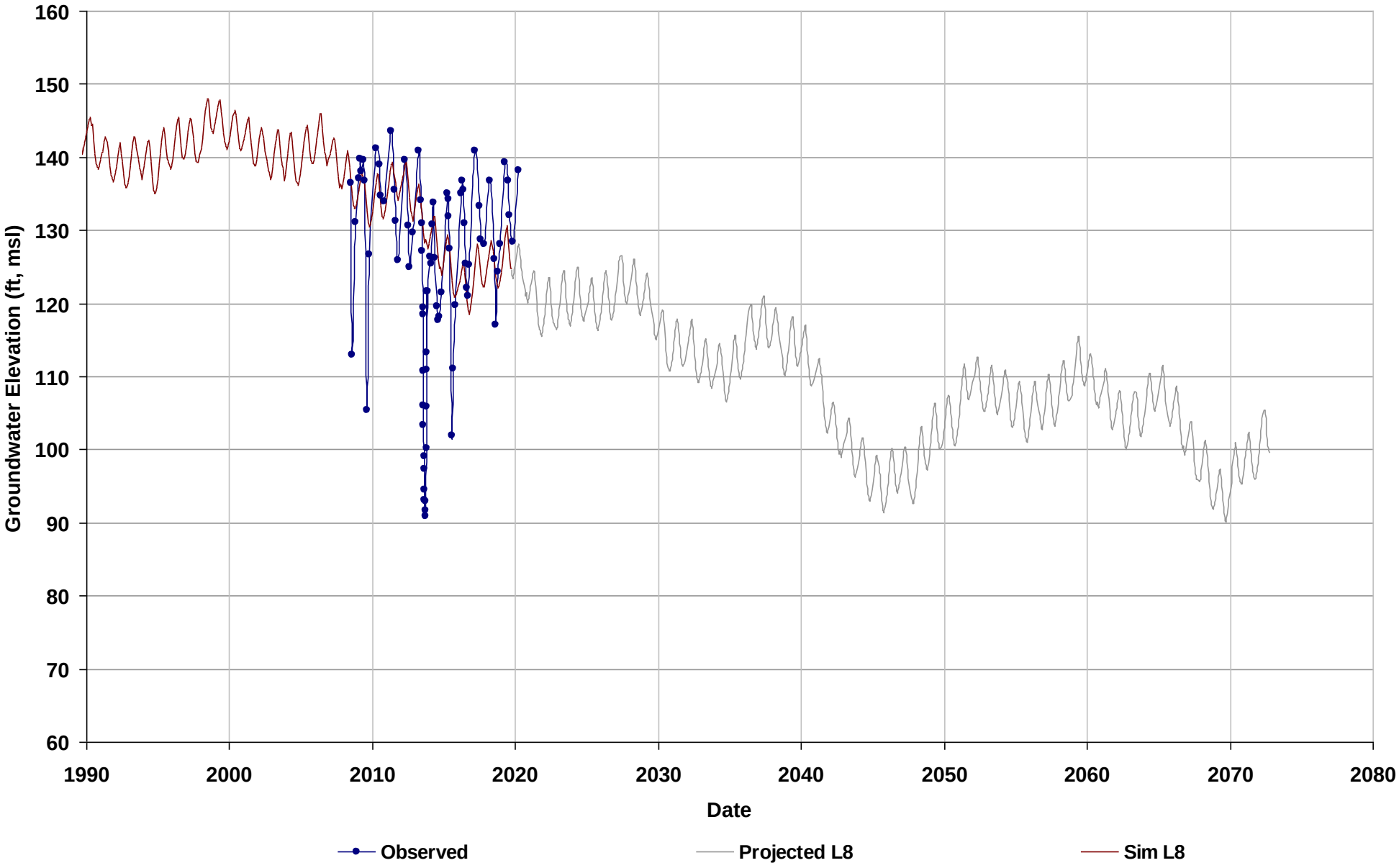
Total Depth (ft): 616
Perf Top (ft): 545
Perf Bottom (ft): 600
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 23N01W31M001M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

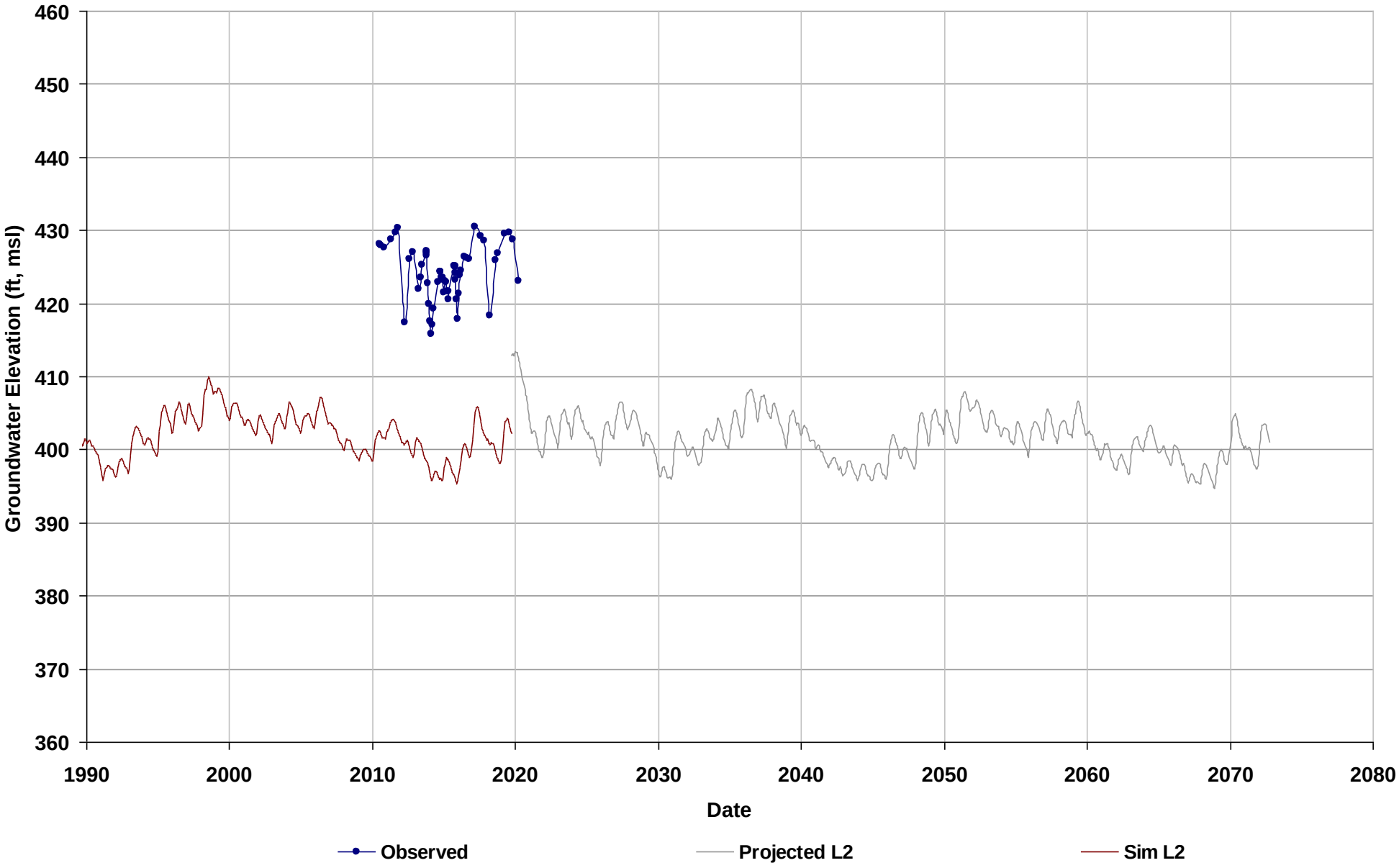
Total Depth (ft): 1200
Perf Top (ft): 969
Perf Bottom (ft): 1030
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

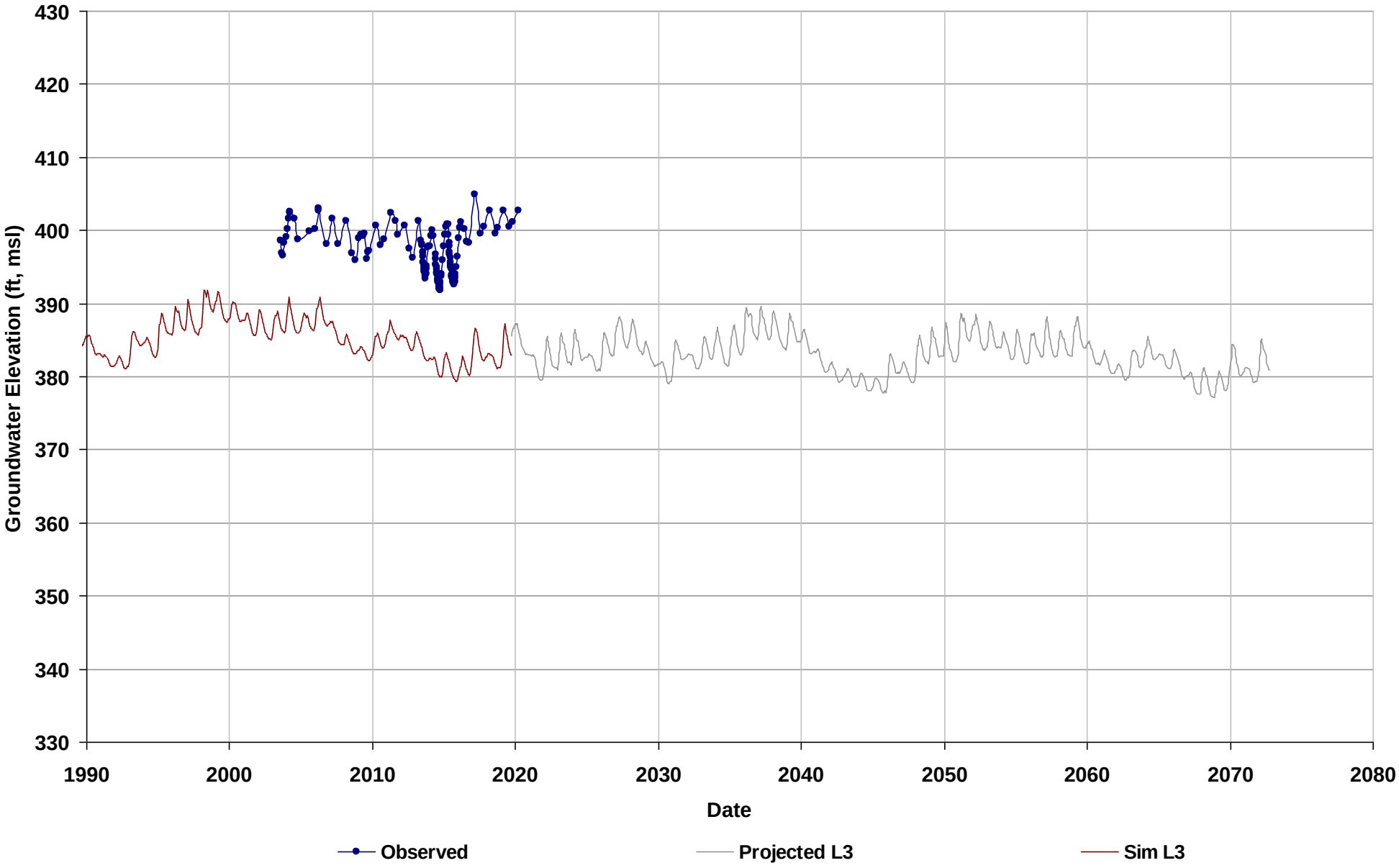
Well Name: 29N04W03R006M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 76
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Well Name: 30N04W22F002M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

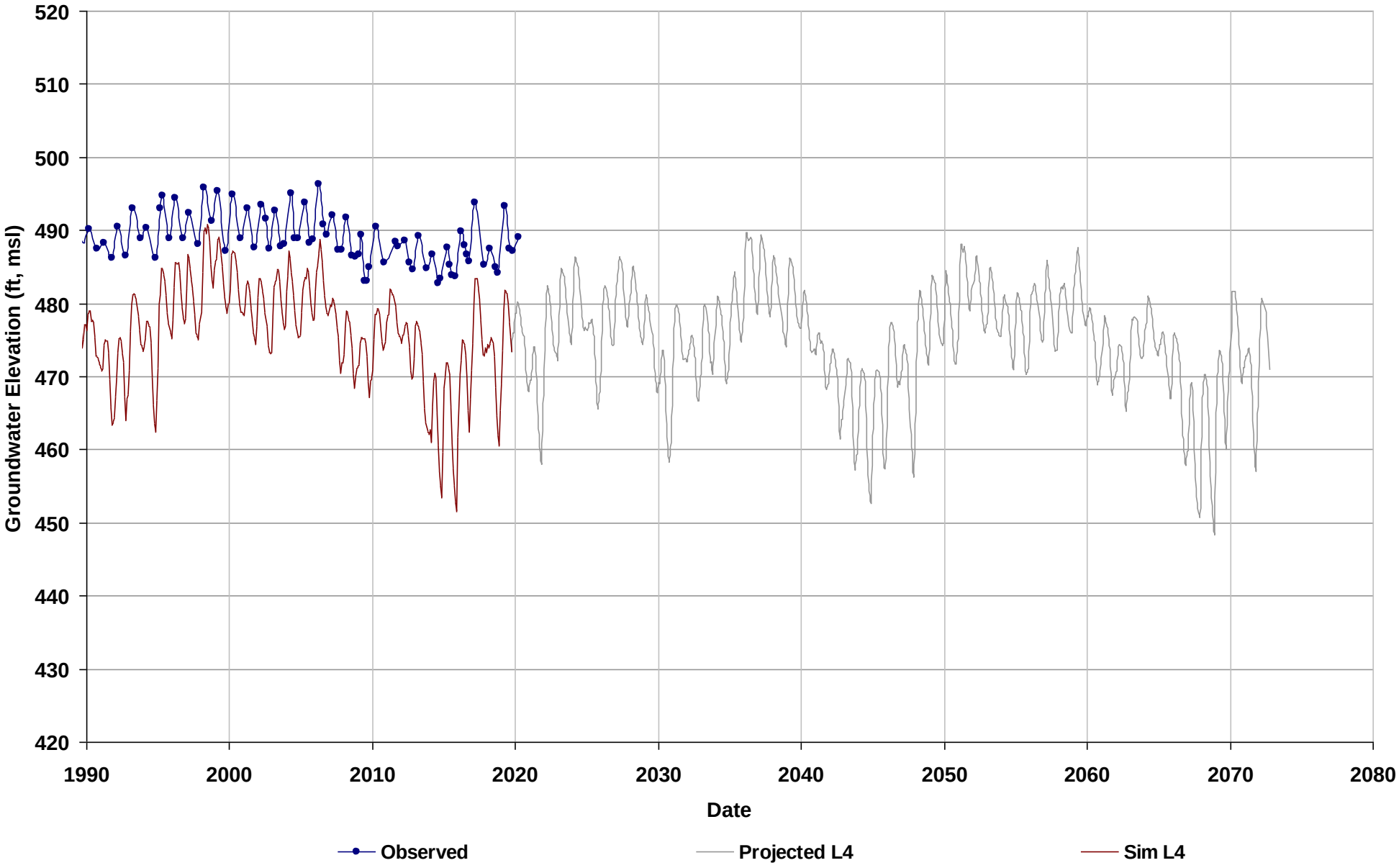
Total Depth (ft): 113
Perf Top (ft): 70
Perf Bottom (ft): 113
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N05W09L001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 517

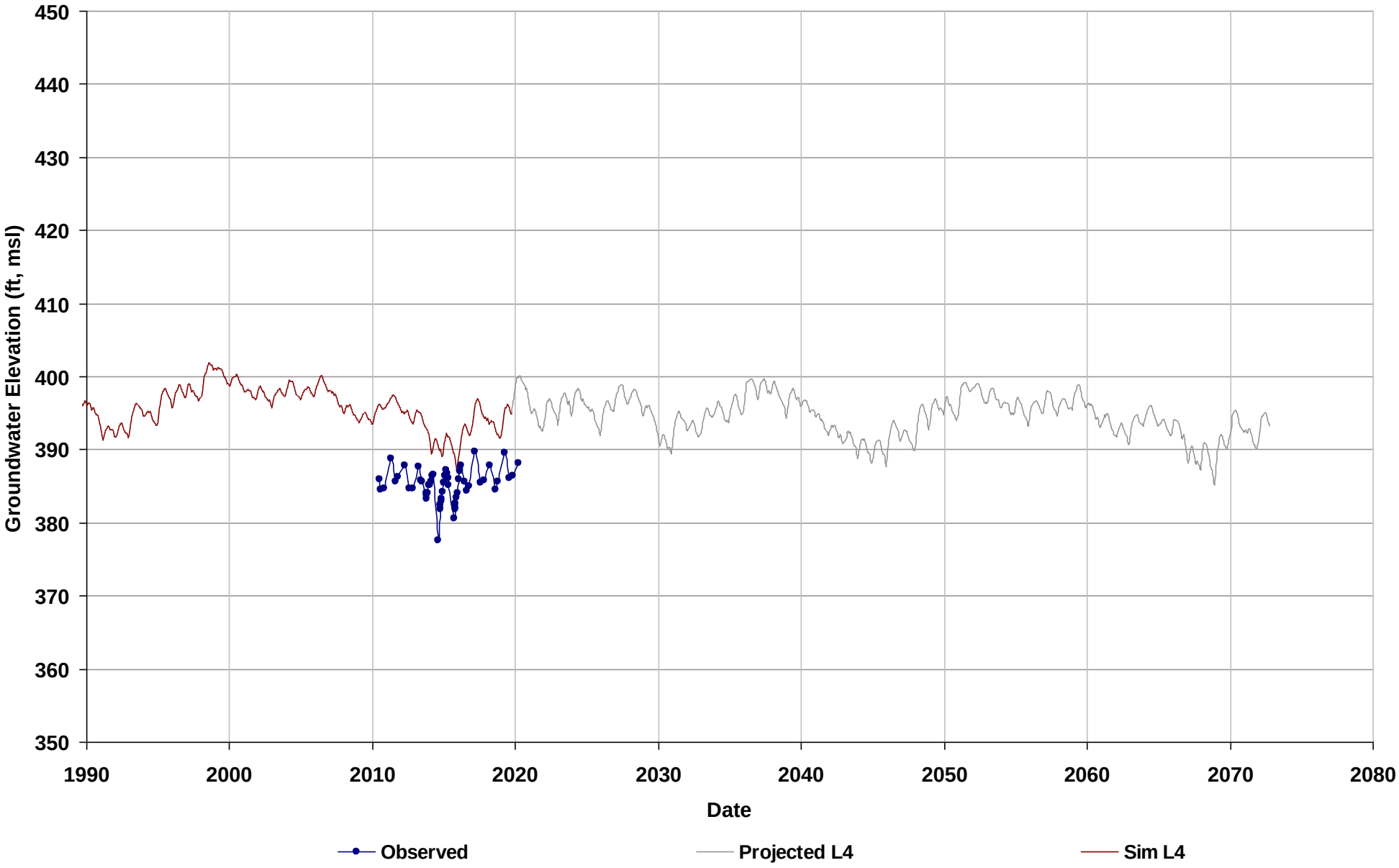
Total Depth (ft):
Perf Top (ft): 100
Perf Bottom (ft): 140
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N04W03R005M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

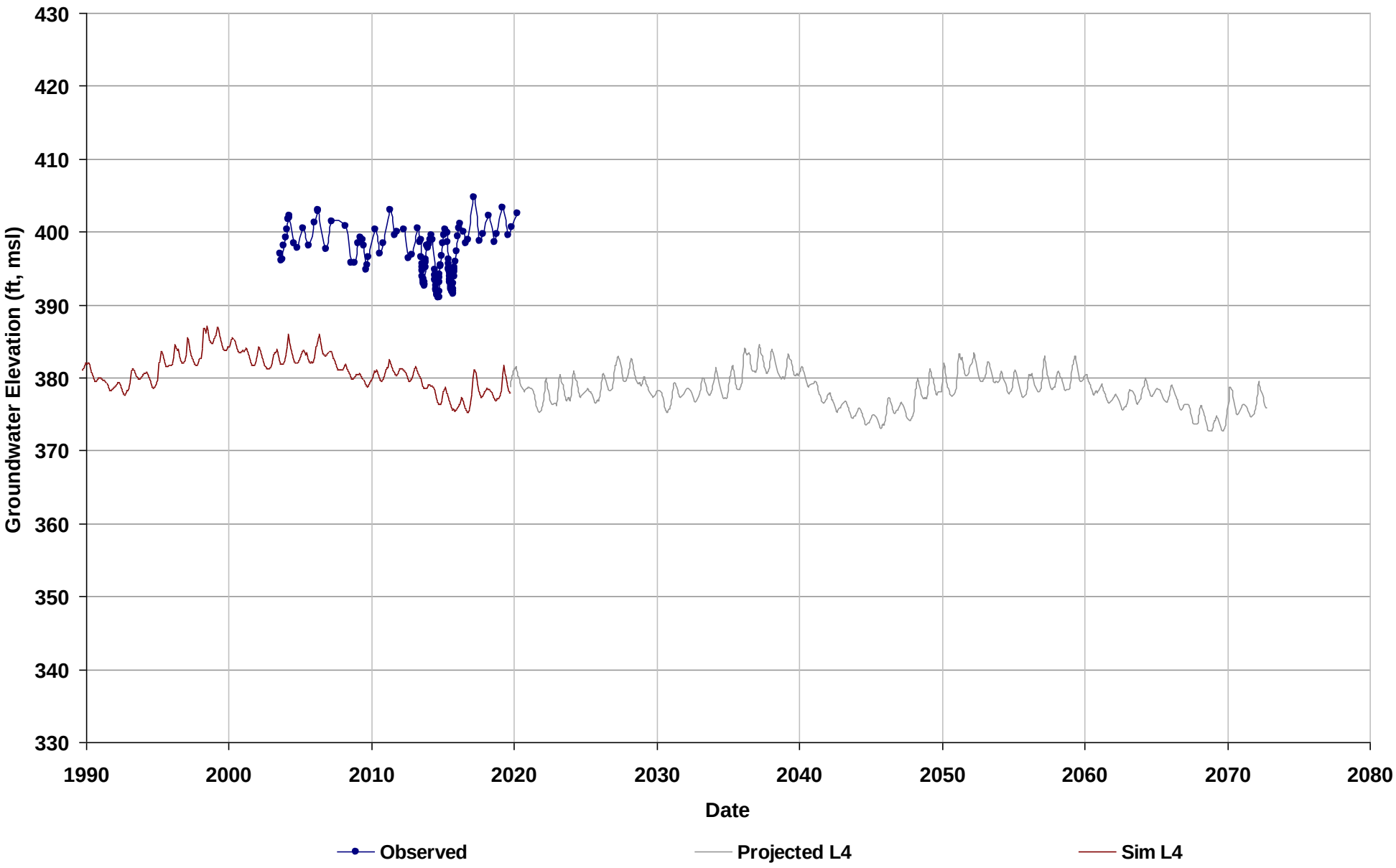
Total Depth (ft): 254
Perf Top (ft): 128
Perf Bottom (ft): 188
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 30N04W22F003M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

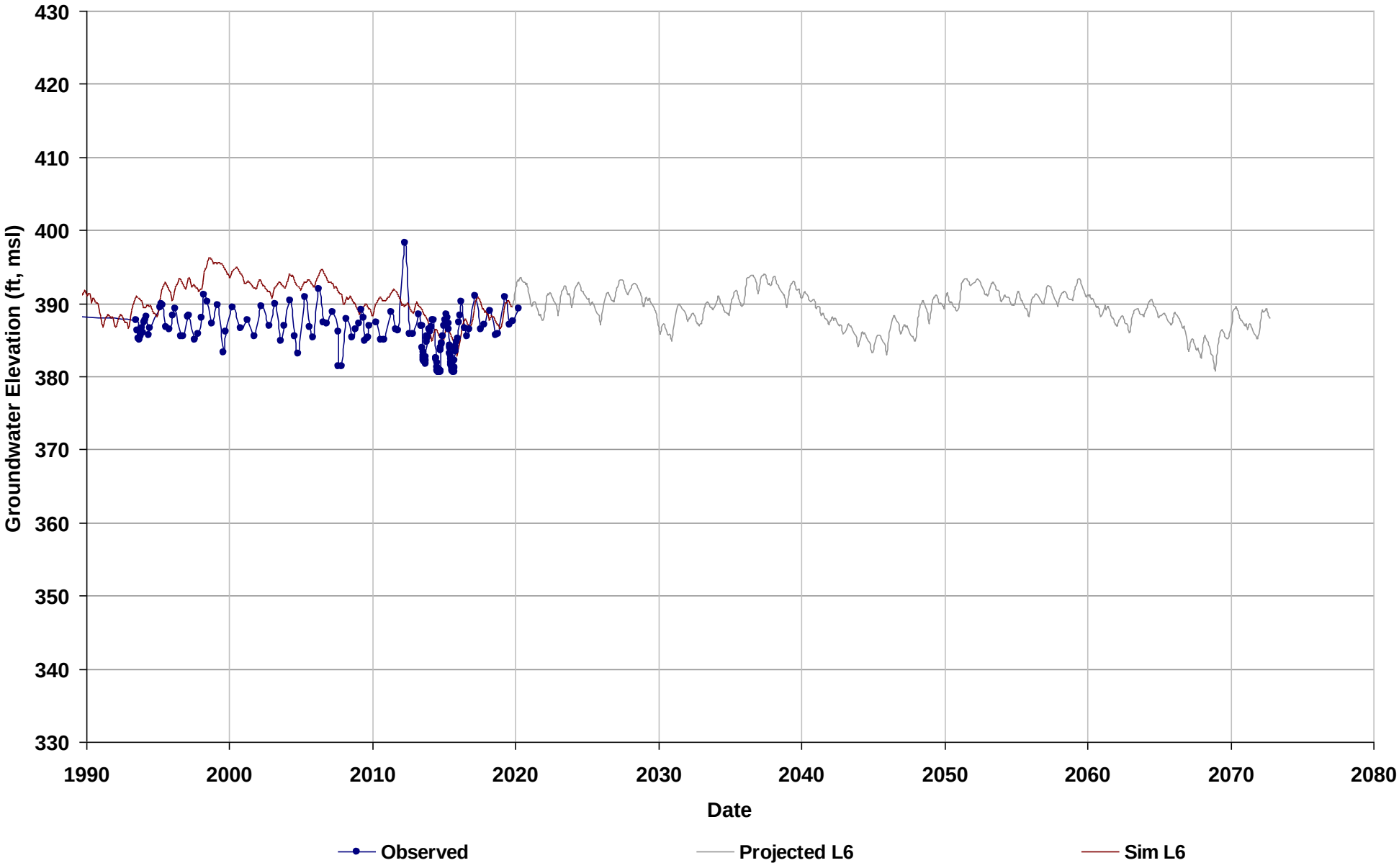
Total Depth (ft): 202
Perf Top (ft): 170
Perf Bottom (ft): 202
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N04W02P001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

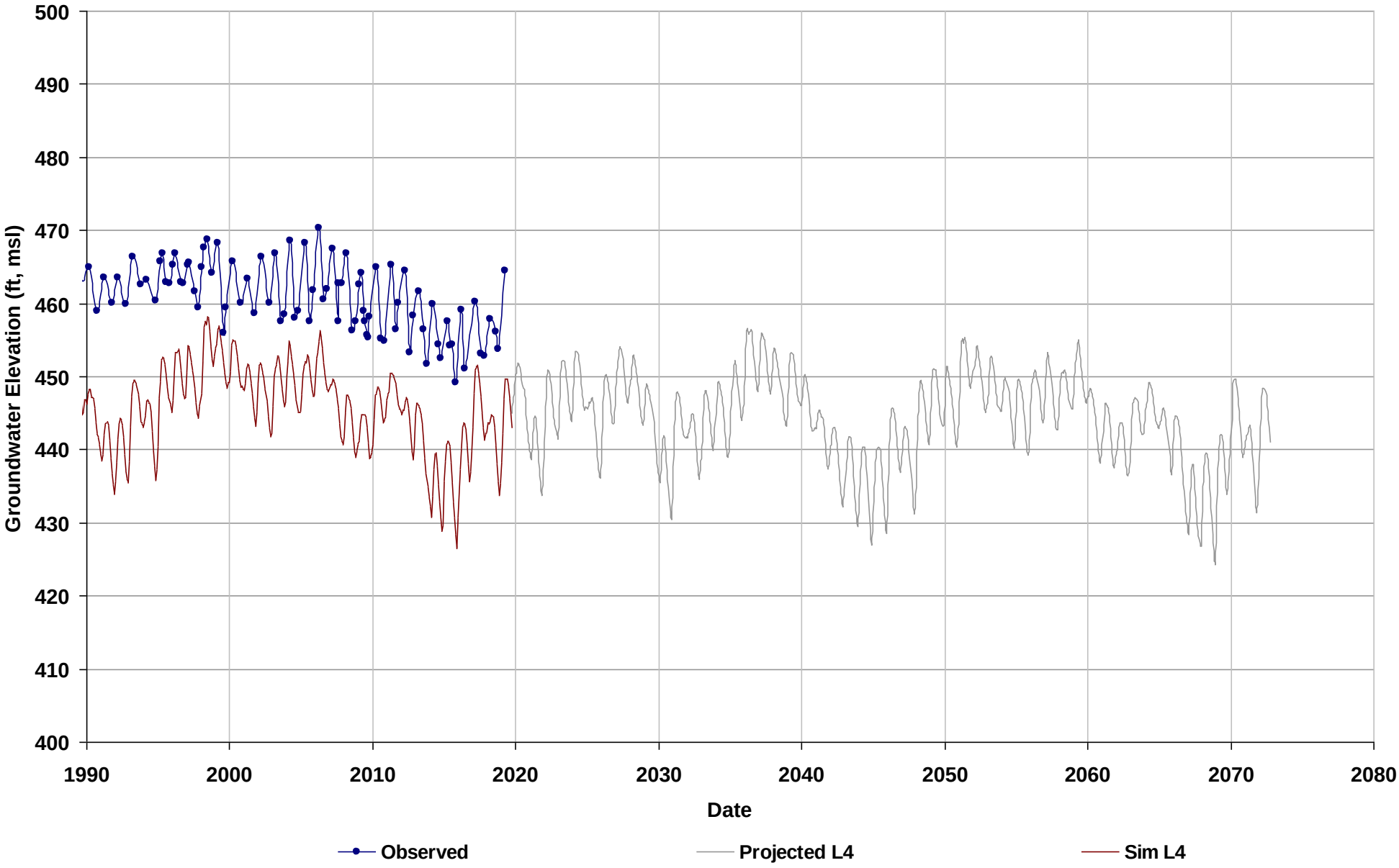
Total Depth (ft):
Perf Top (ft): 165
Perf Bottom (ft): 425
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N05W11A002M
Depth Zone: Composite
Subbasin: Anderson
GSE (ft, msl): 514

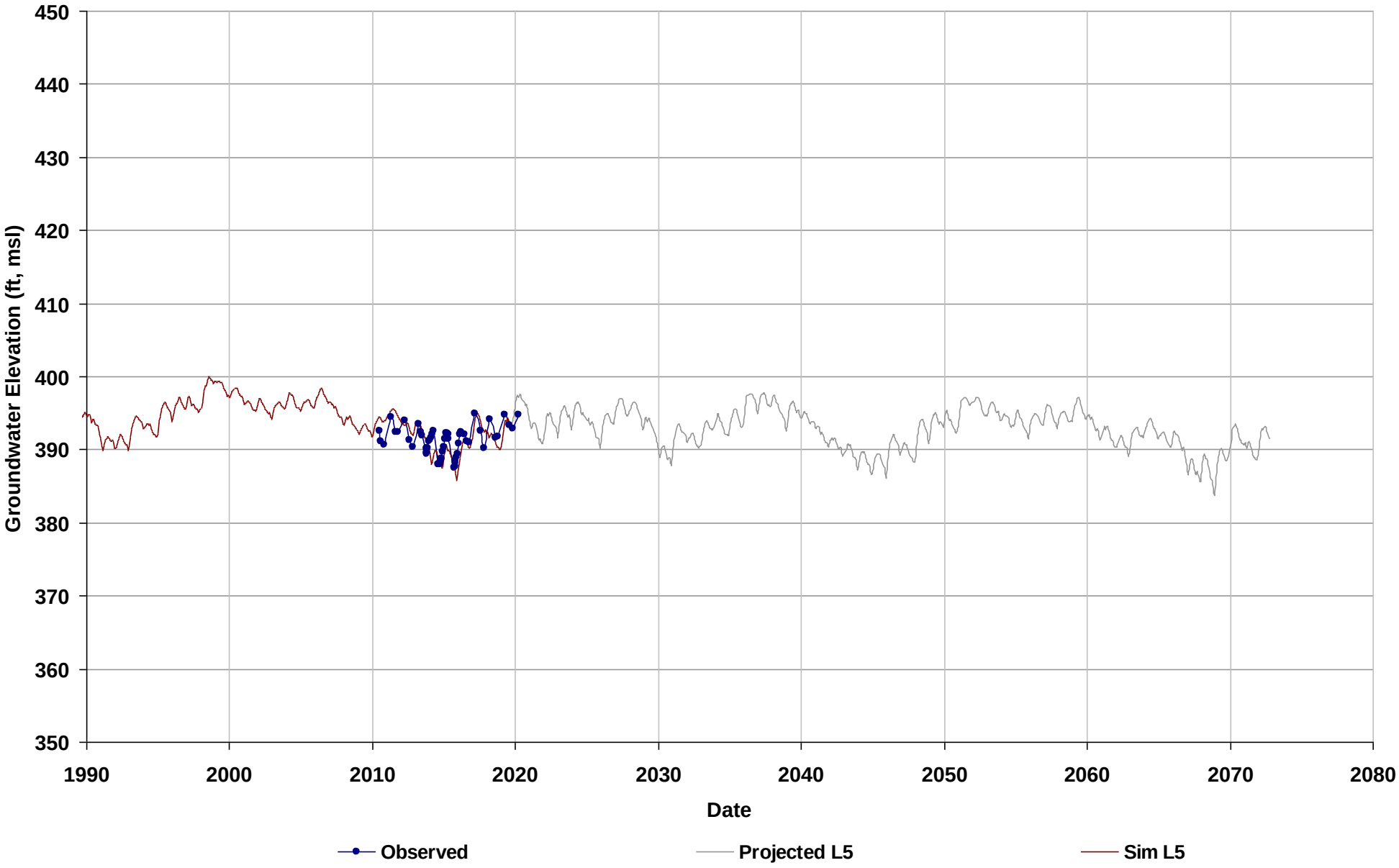
Total Depth (ft):
Perf Top (ft): 110
Perf Bottom (ft): 356
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N04W03R004M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

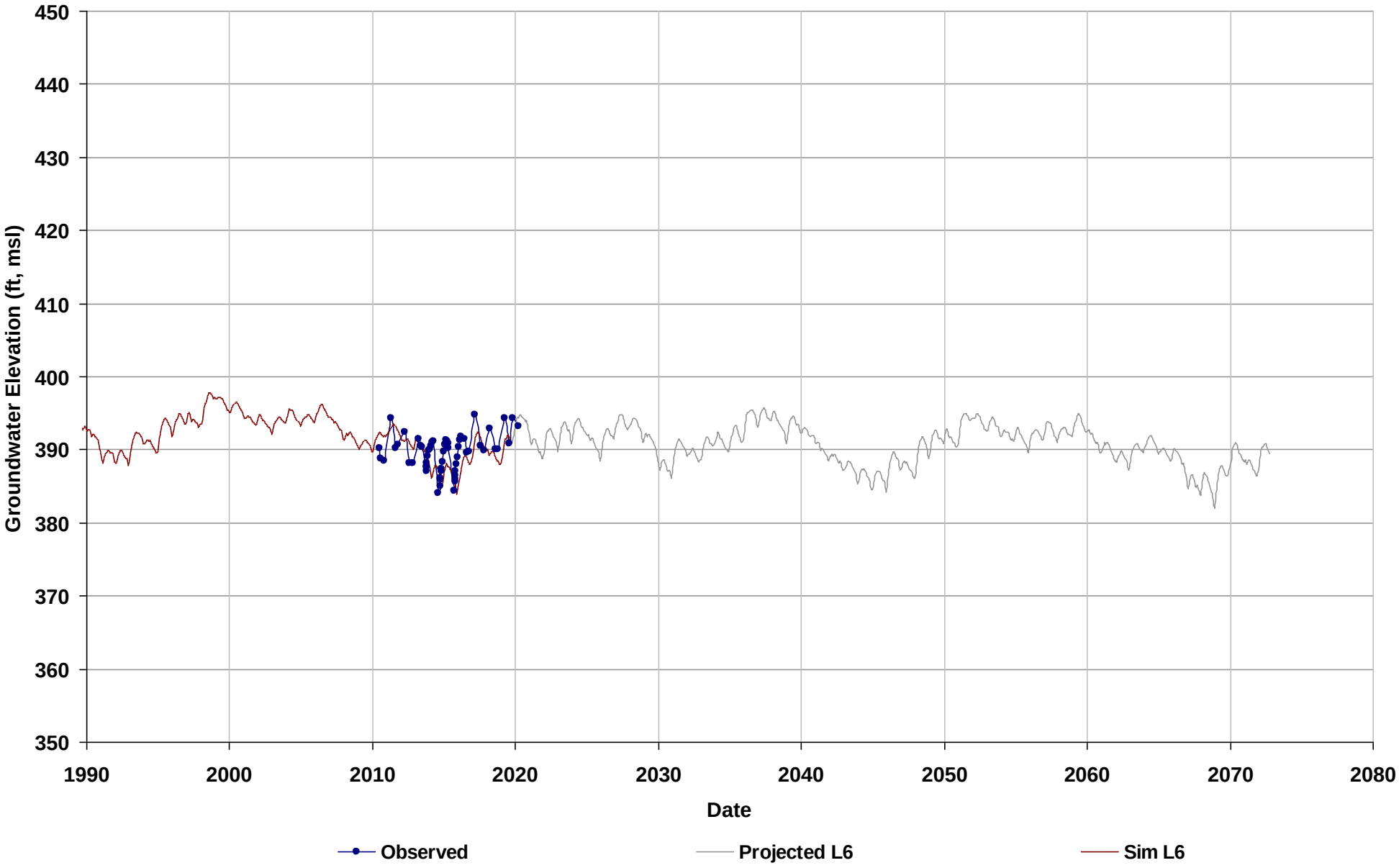
Total Depth (ft): 438
Perf Top (ft): 380
Perf Bottom (ft): 390
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N04W03R003M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

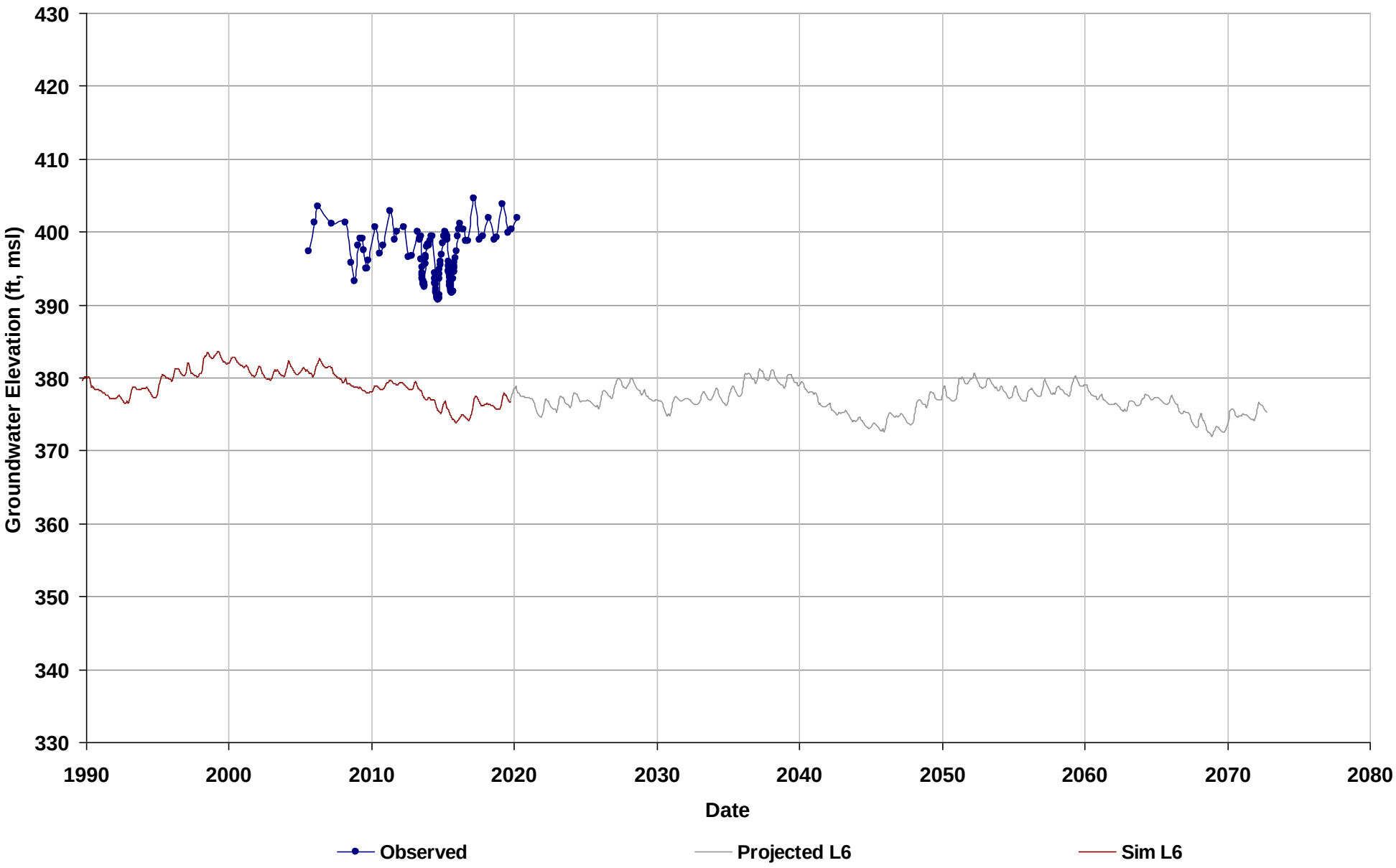
Total Depth (ft): 696
Perf Top (ft): 515
Perf Bottom (ft): 660
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 30N04W22F004M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 447

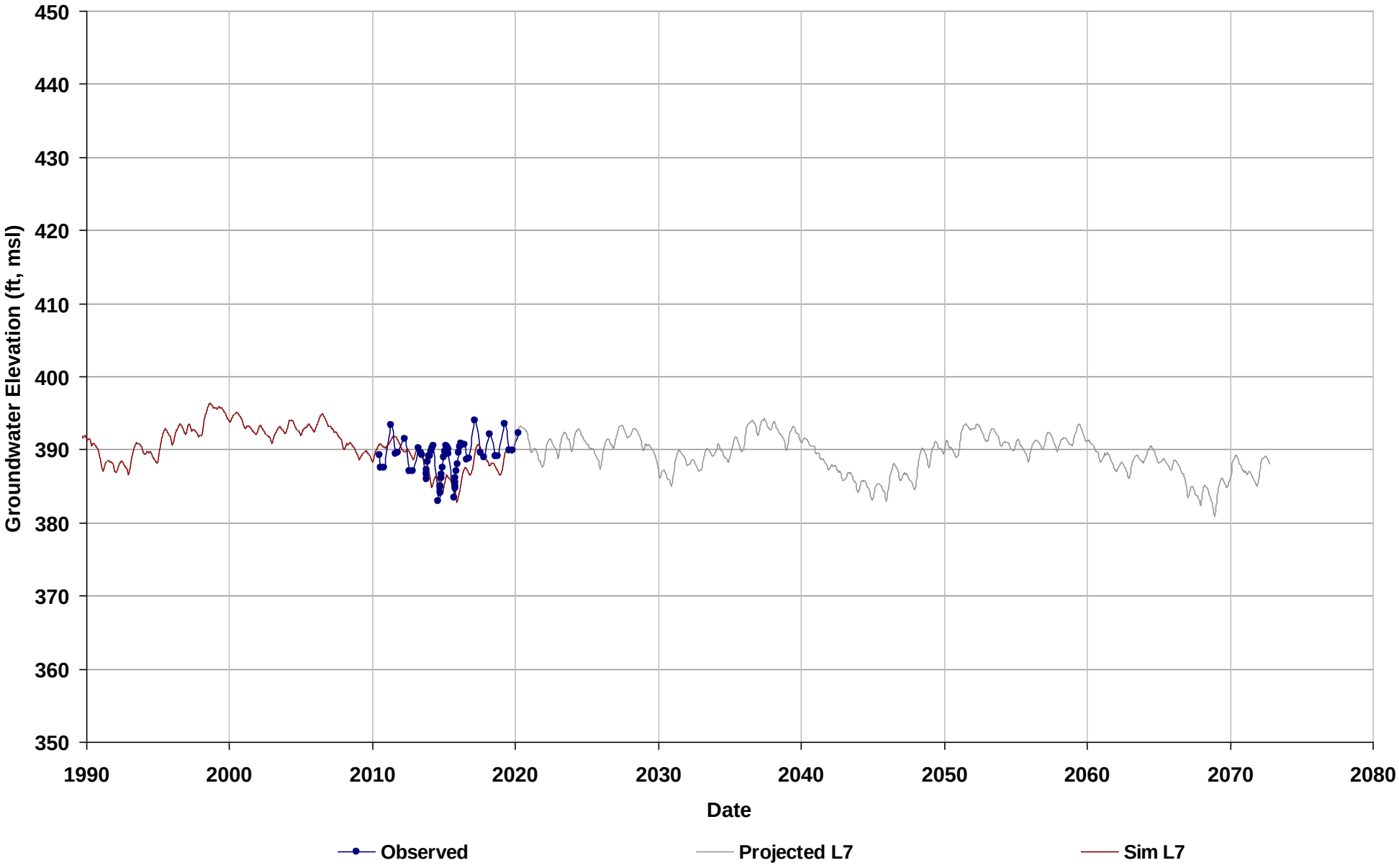
Total Depth (ft): 540
Perf Top (ft): 480
Perf Bottom (ft): 540
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Well Name: 29N04W03R002M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 917
Perf Top (ft): 740
Perf Bottom (ft): 880
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

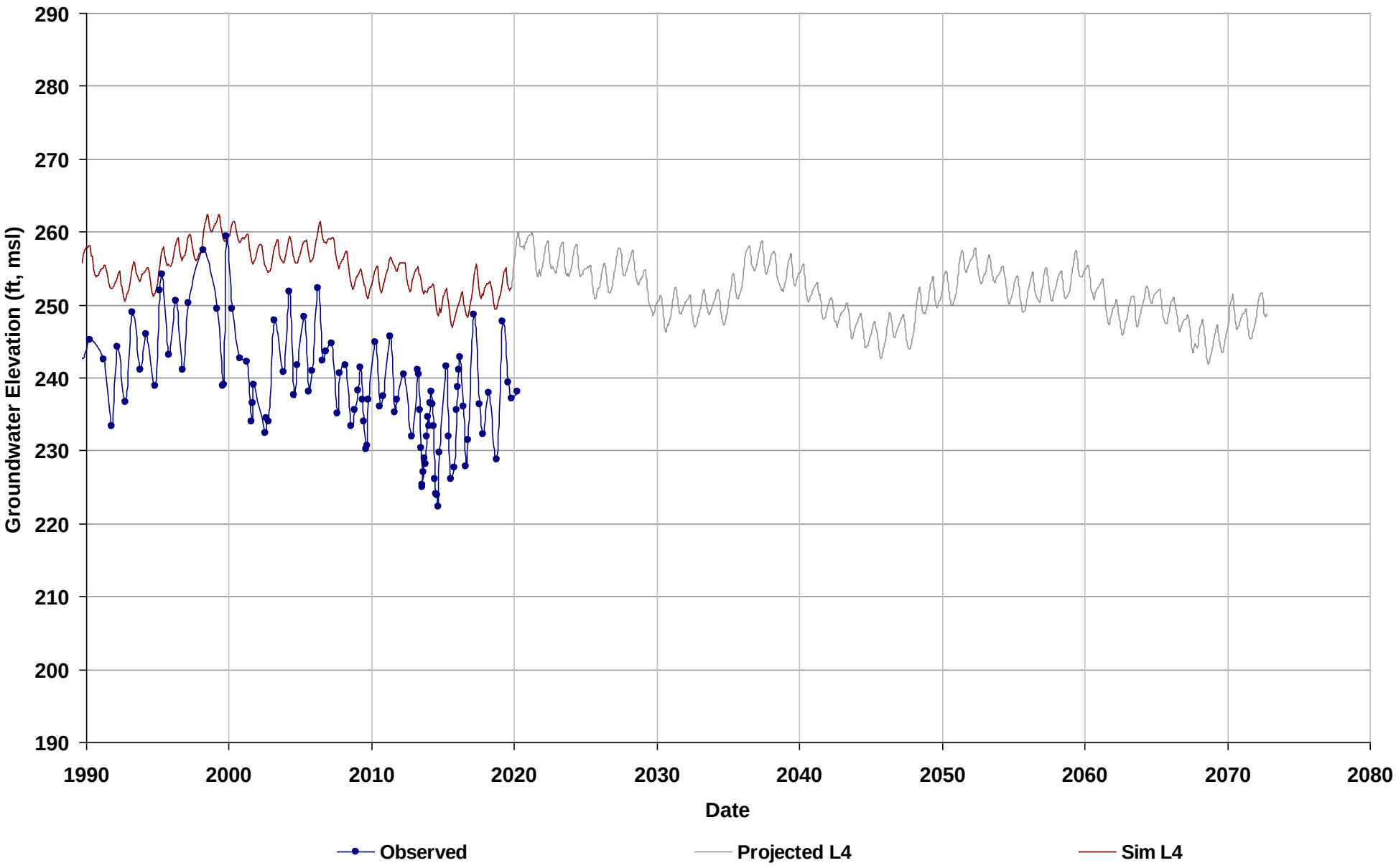
APPENDIX E-6

Tehama IHM Simulated Groundwater Levels:

Projected (Future Land Use) with Climate Change (2030) Model Results

Well Name: 27N03W23D001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 271

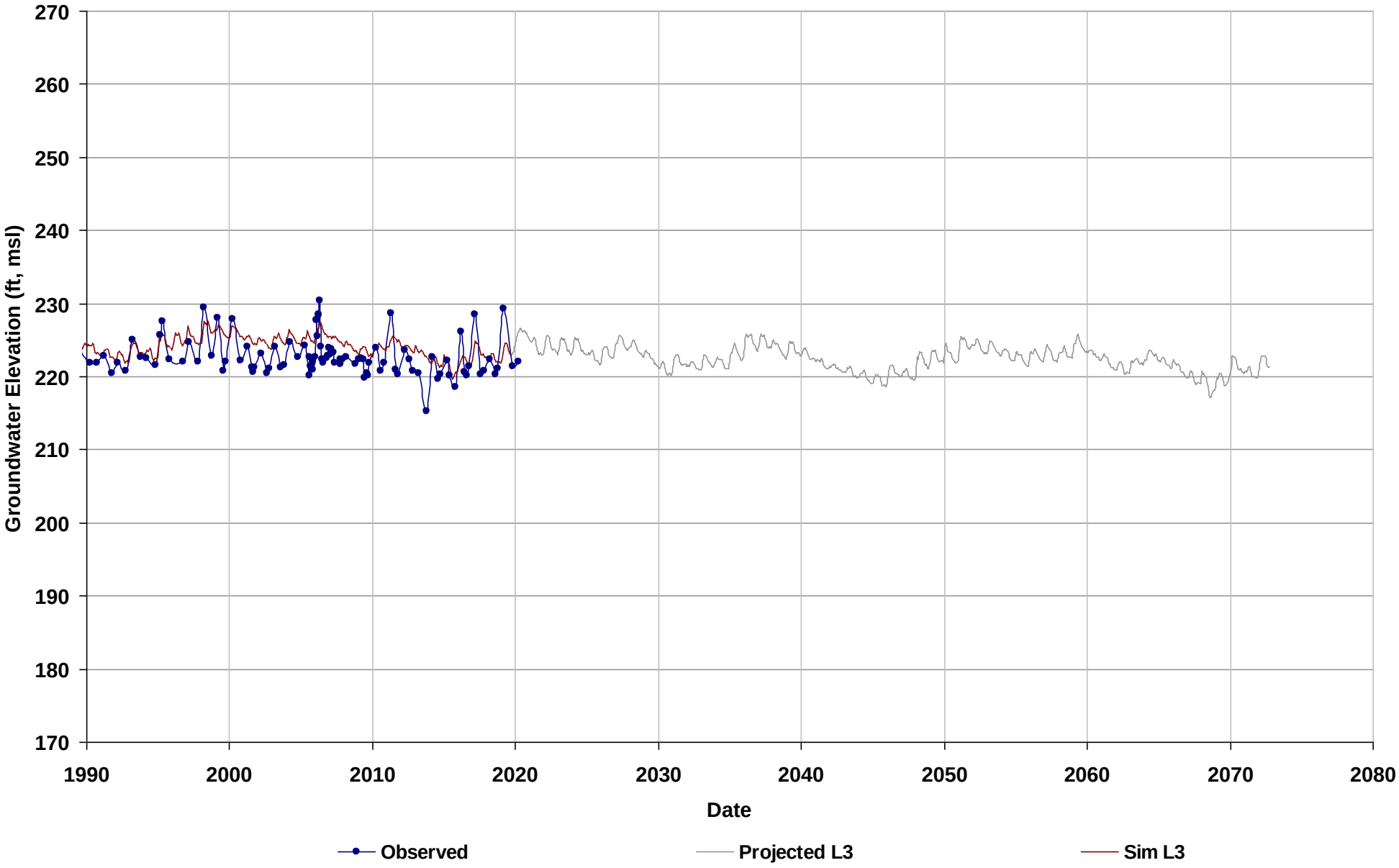
Total Depth (ft): 250
Perf Top (ft): 30
Perf Bottom (ft): 155
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 26N02W17E001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 240

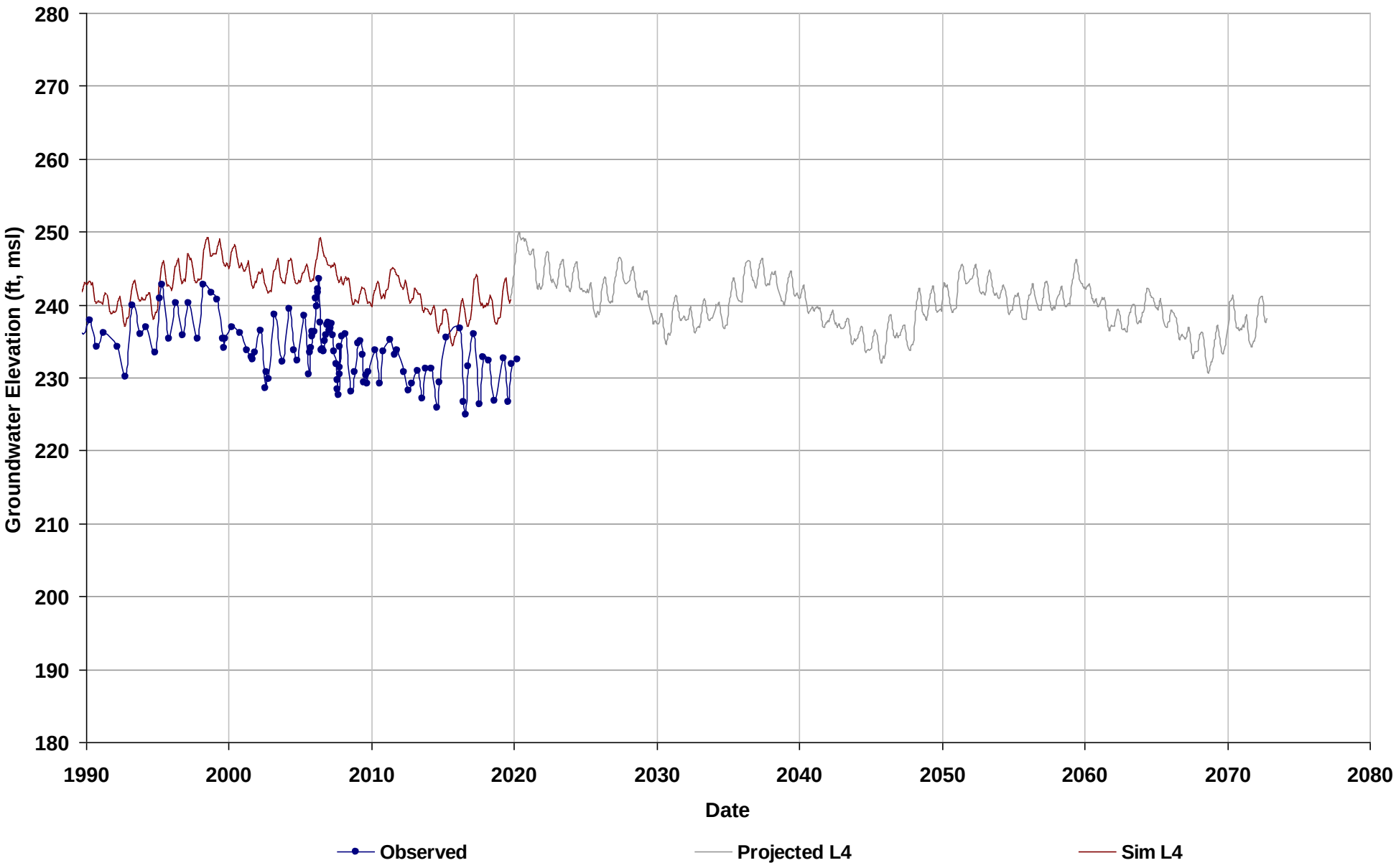
Total Depth (ft): 145
Perf Top (ft): 55
Perf Bottom (ft): 145
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 27N02W31C001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 263

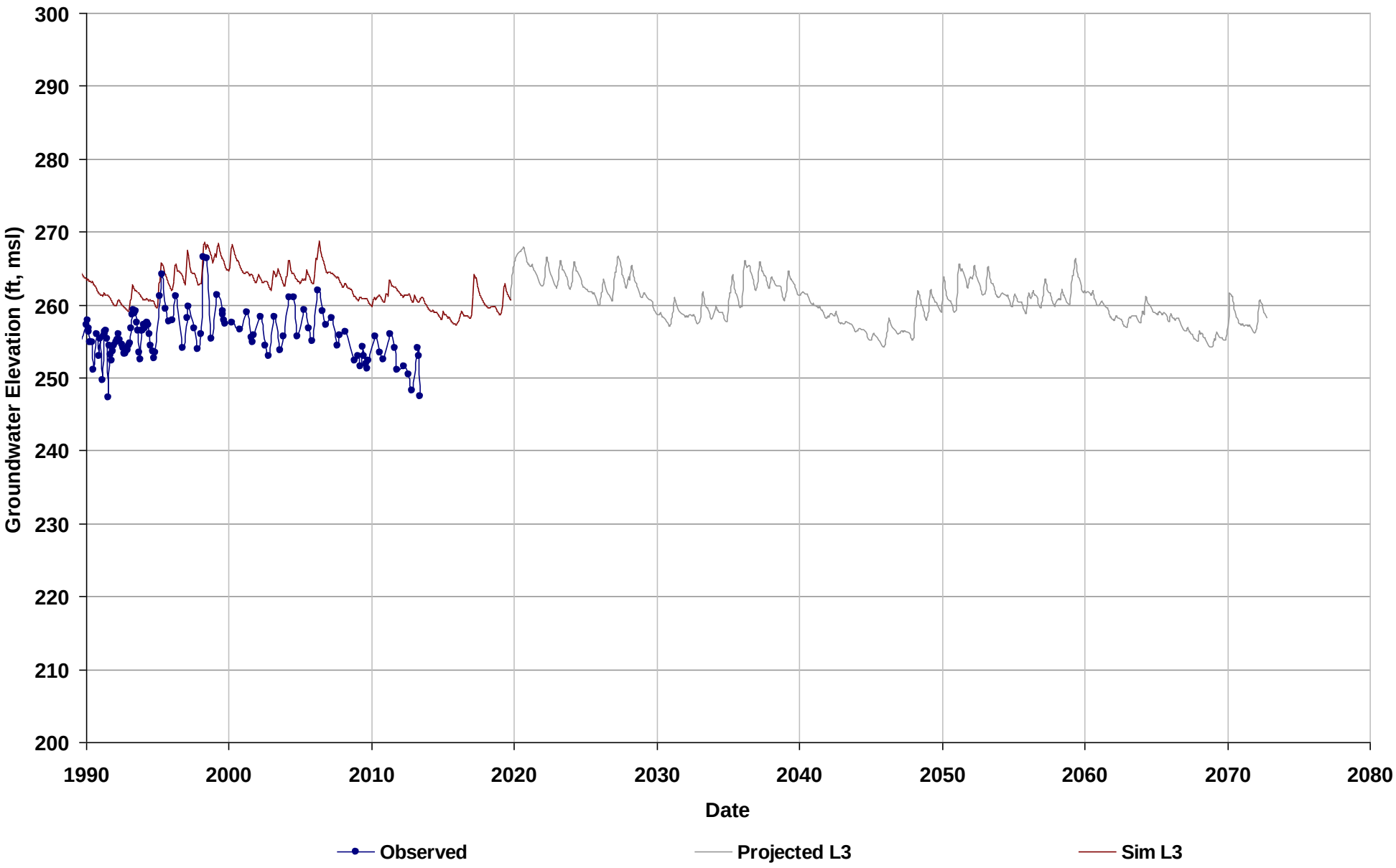
Total Depth (ft): 540
Perf Top (ft): 40
Perf Bottom (ft): 289
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 27N03W10B001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 312

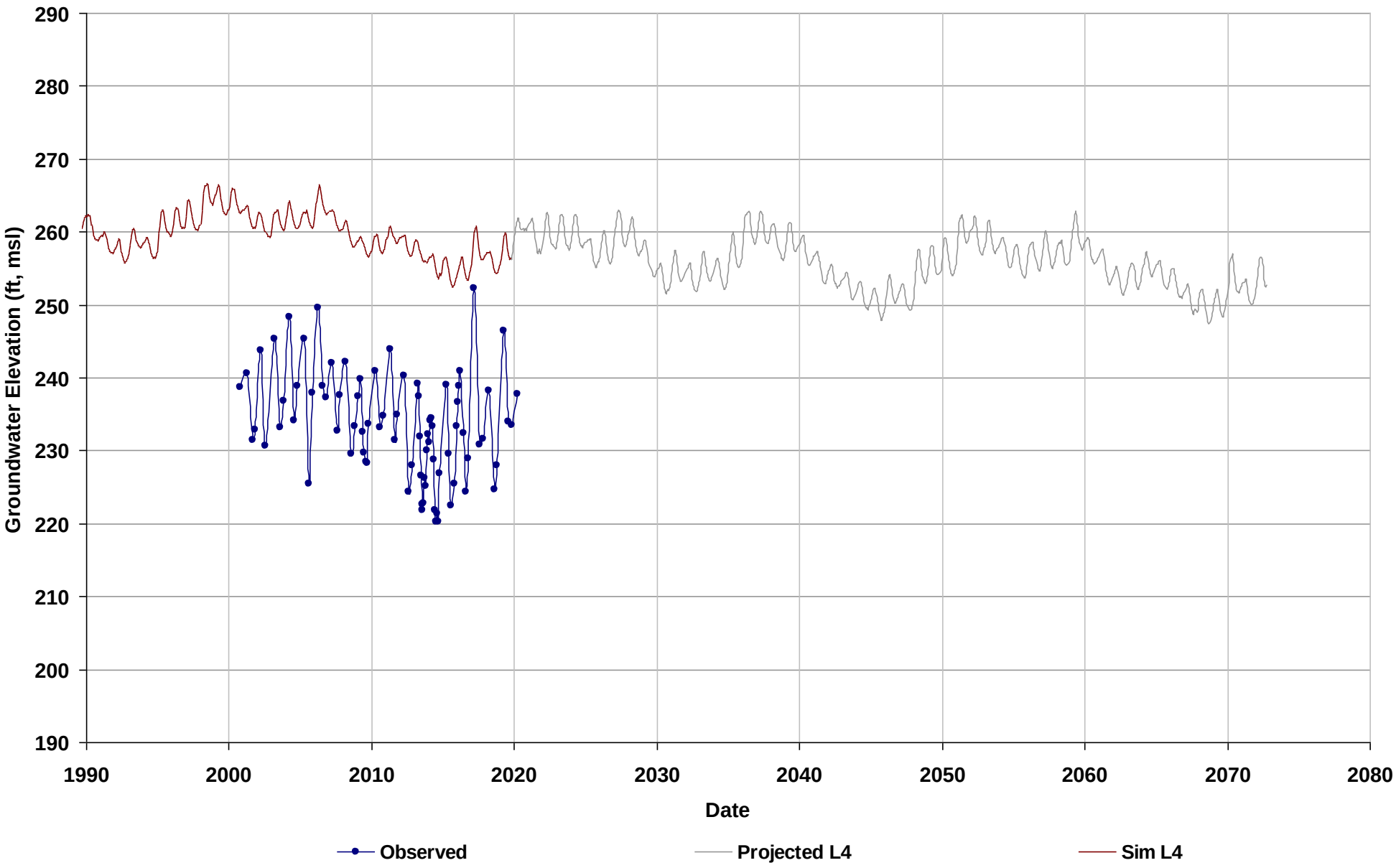
Total Depth (ft): 92
Perf Top (ft): 80
Perf Bottom (ft): 92
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 27N03W16K003M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 273

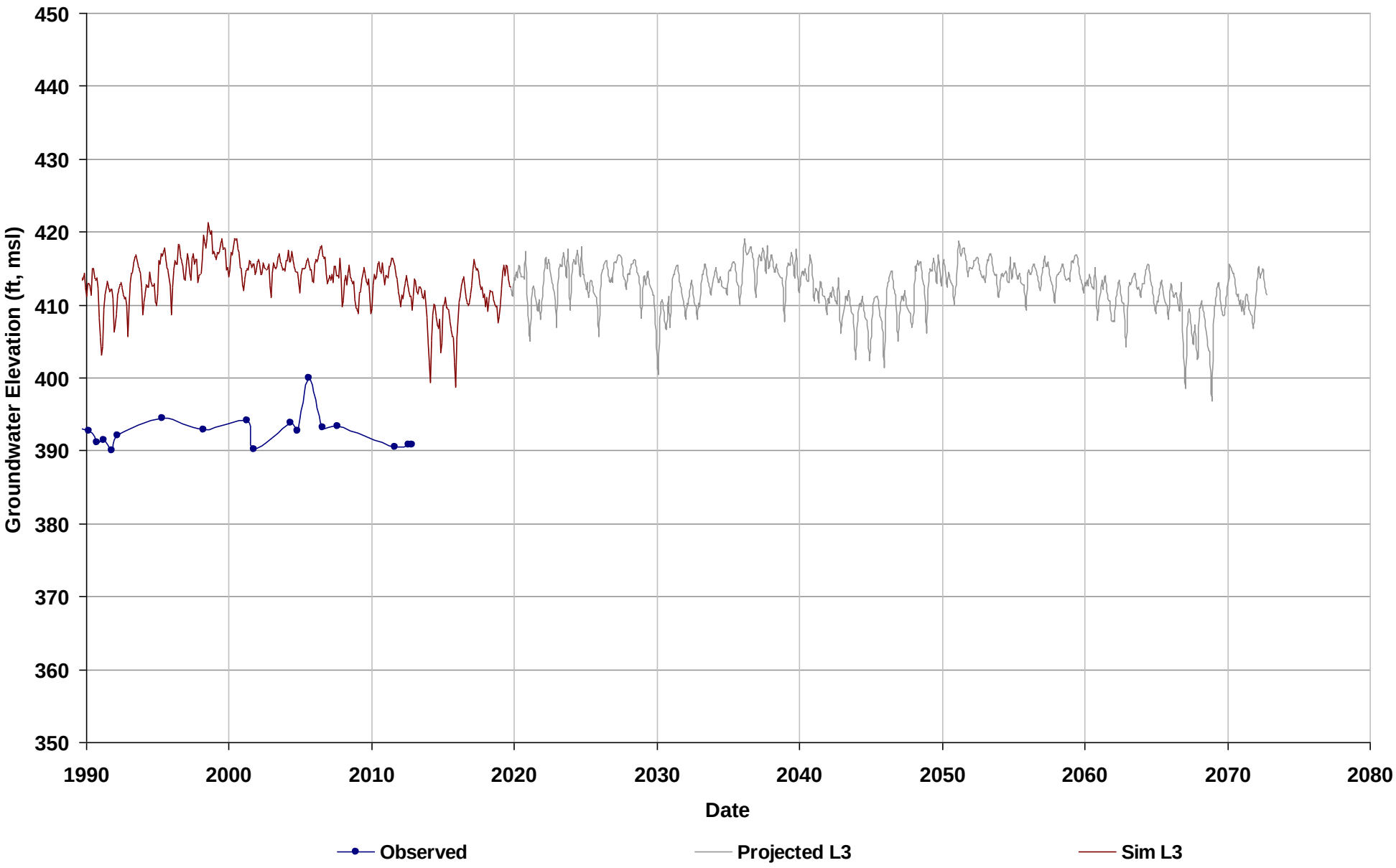
Total Depth (ft): 137
Perf Top (ft): 117
Perf Bottom (ft): 137
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N04W15E002M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 427

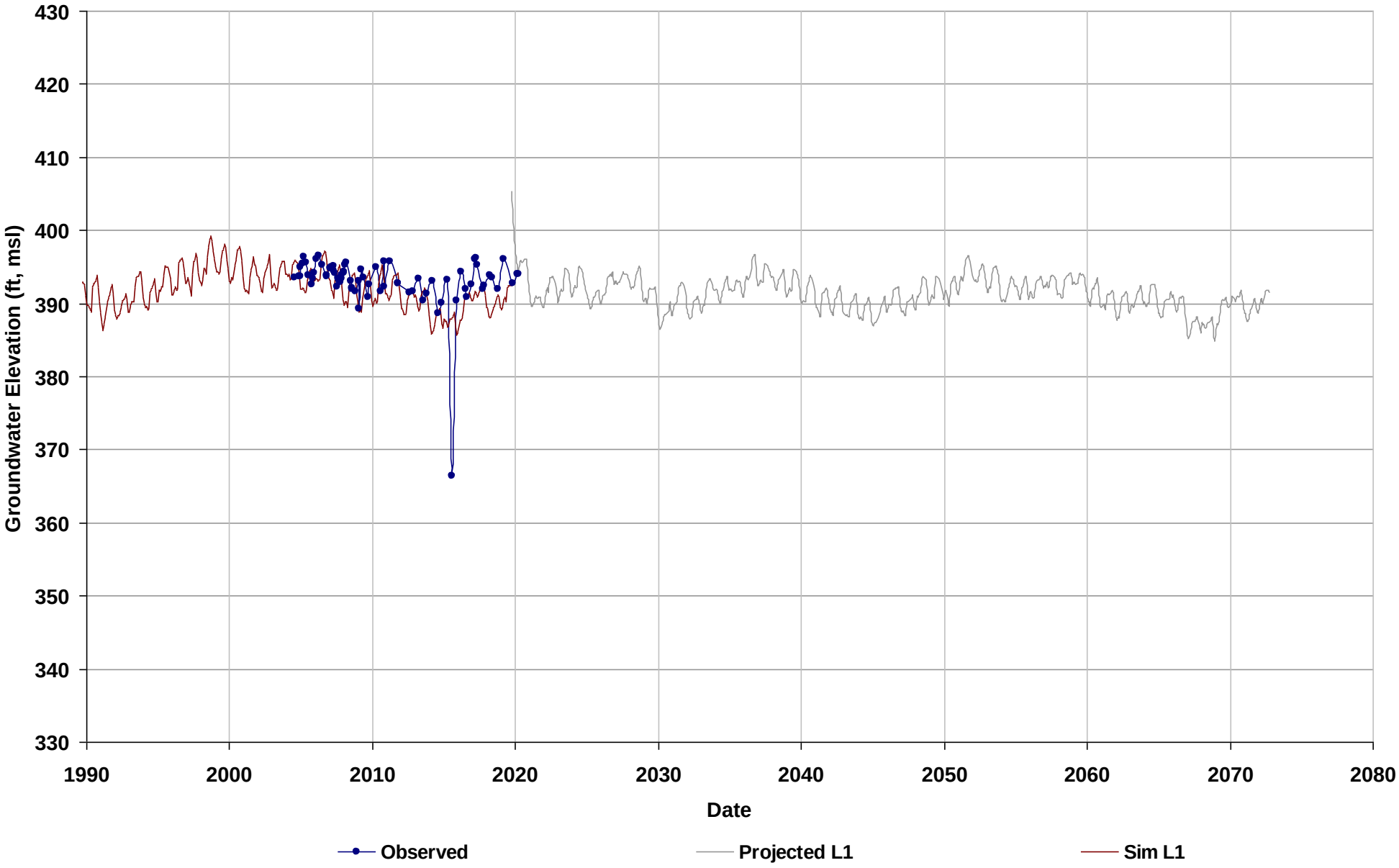
Total Depth (ft): 90
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N03W18M001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 418

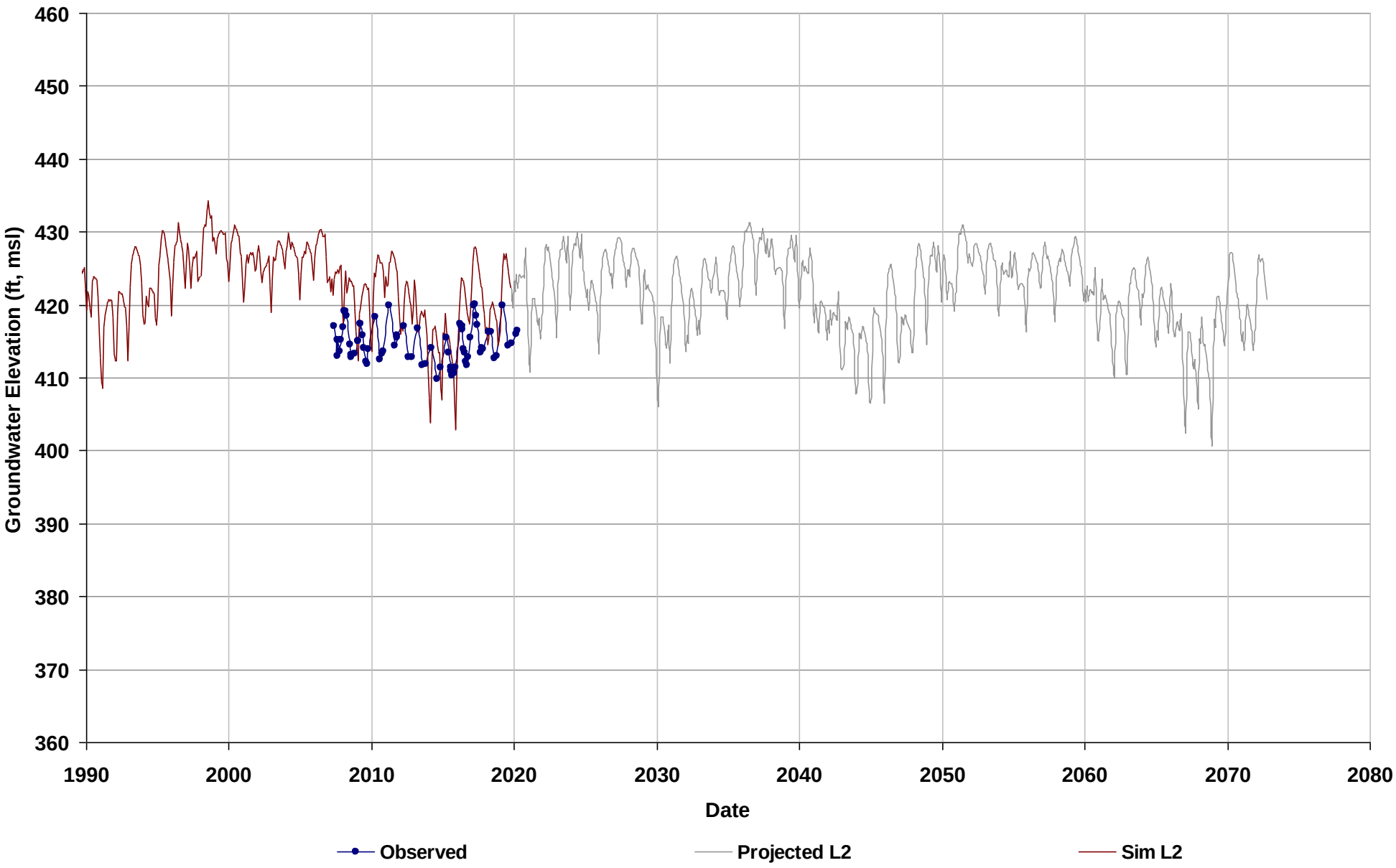
Total Depth (ft): 234
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N04W20A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

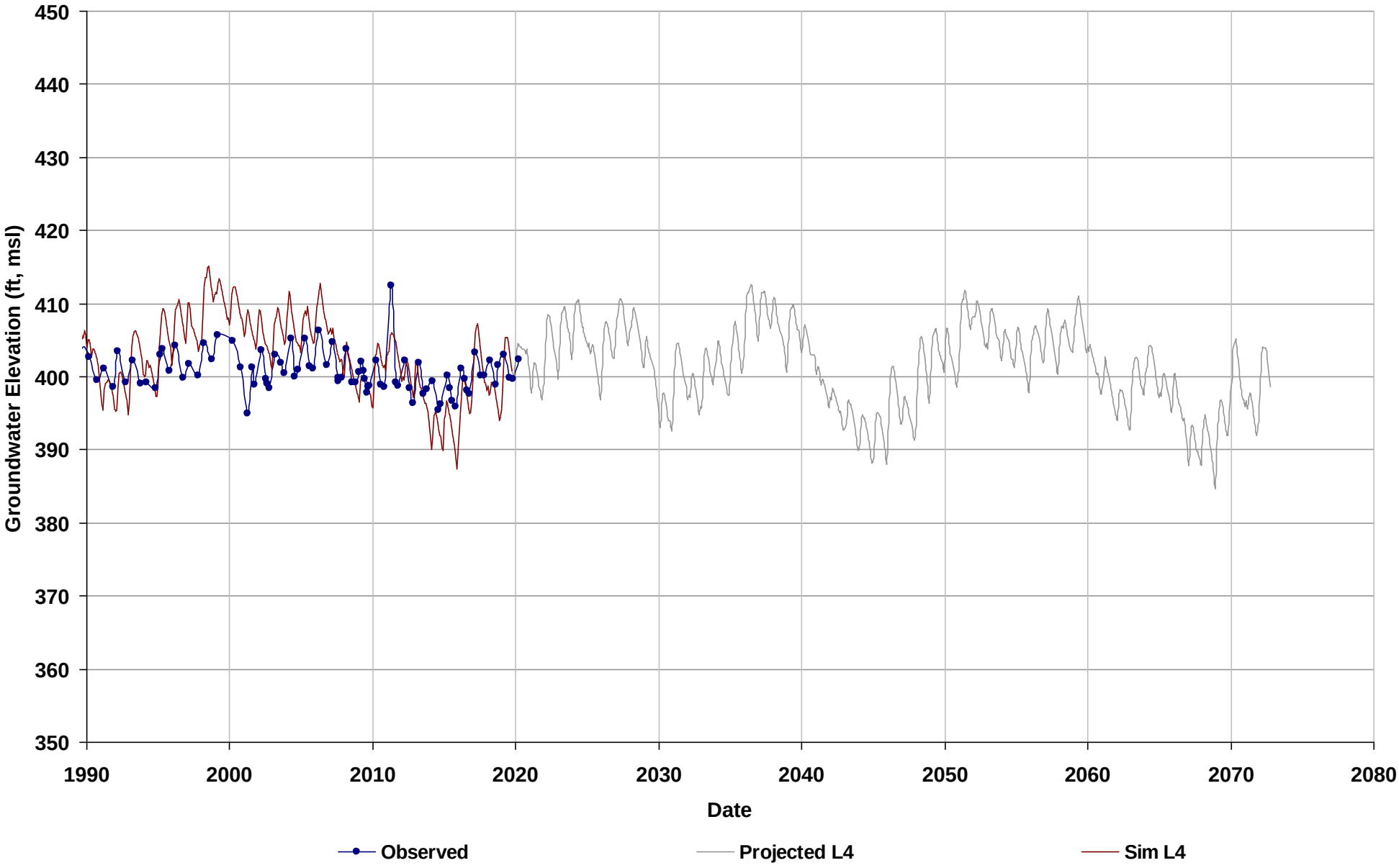
Total Depth (ft): 76
Perf Top (ft): 50
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N04W28D001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 502

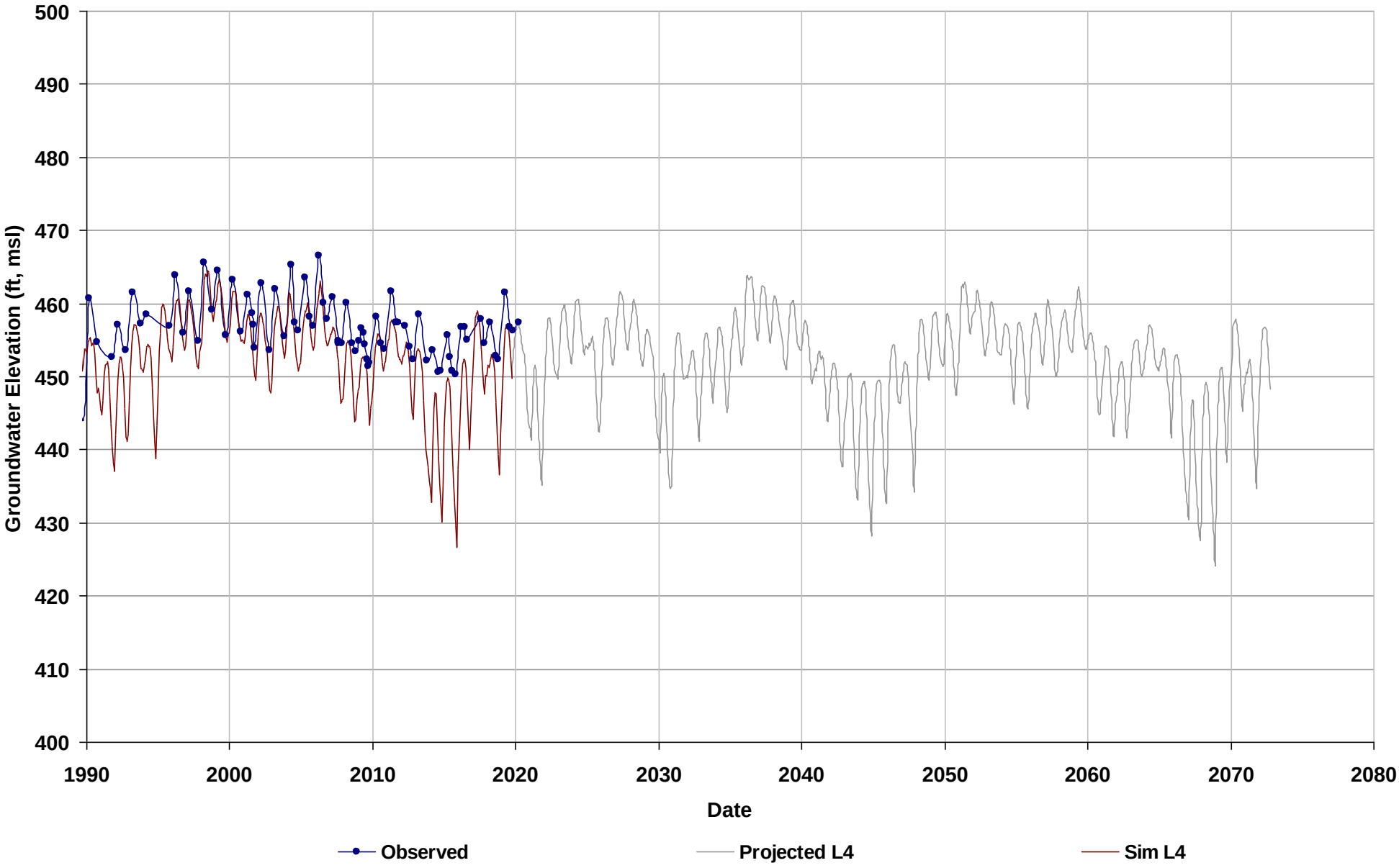
Total Depth (ft): 134
Perf Top (ft): 114
Perf Bottom (ft): 134
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N05W14L001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 492

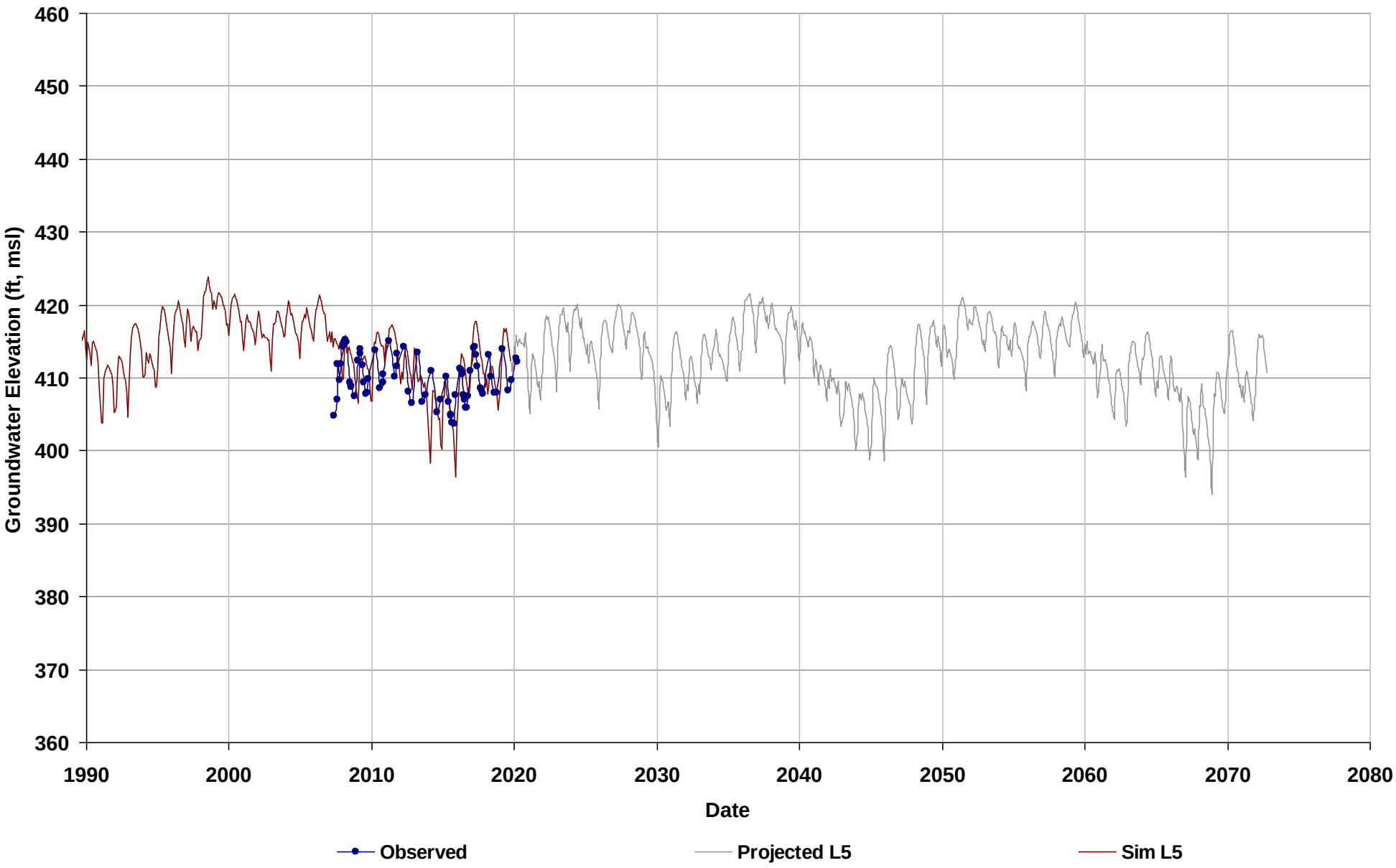
Total Depth (ft): 130
Perf Top (ft): 110
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N04W20A003M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

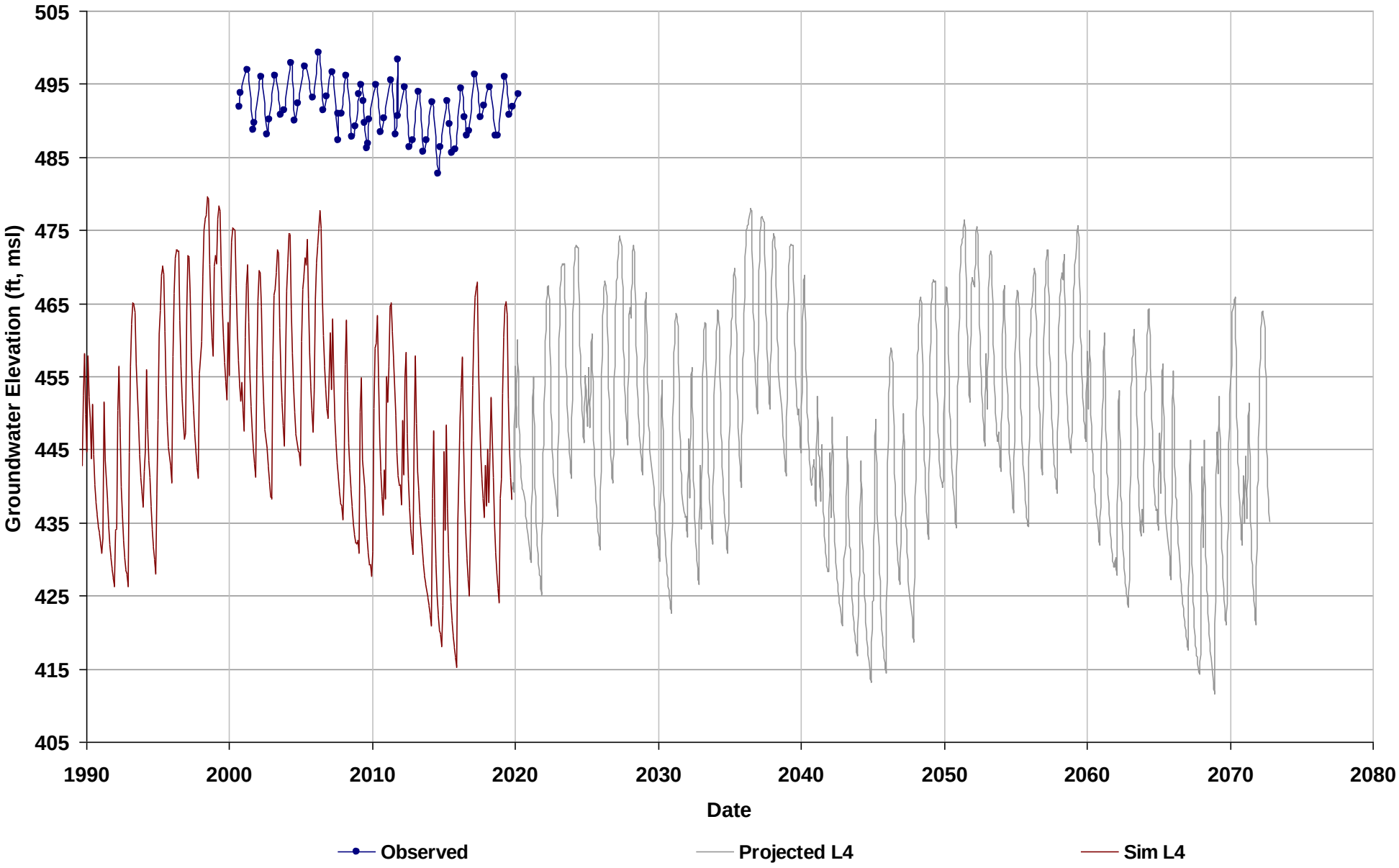
Total Depth (ft): 194
Perf Top (ft): 154
Perf Bottom (ft): 189
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N05W33A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 534

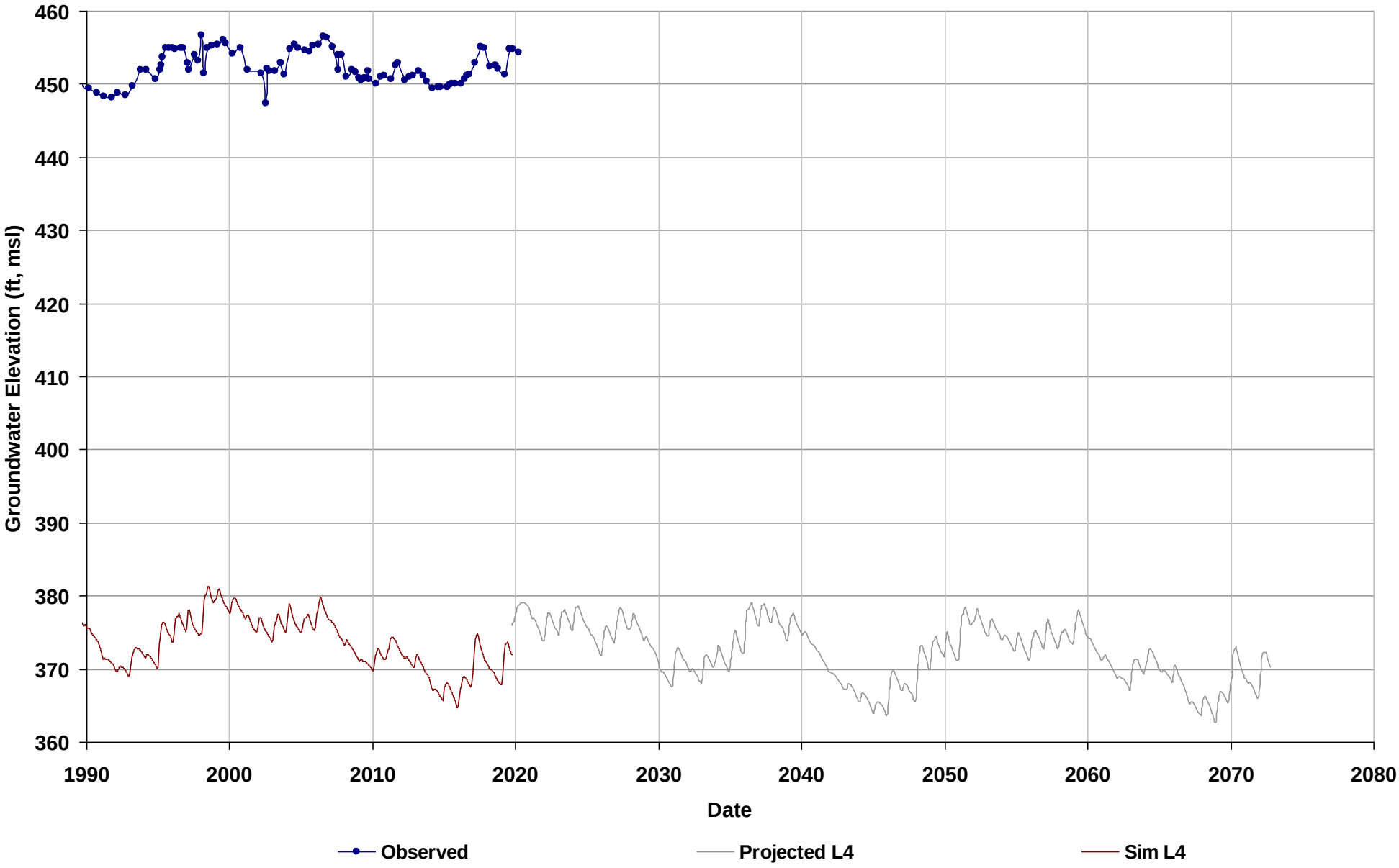
Total Depth (ft): 210
Perf Top (ft): 110
Perf Bottom (ft): 210
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N04W35B001M
Depth Zone: Composite
Subbasin: Bowman
GSE (ft, msl): 537

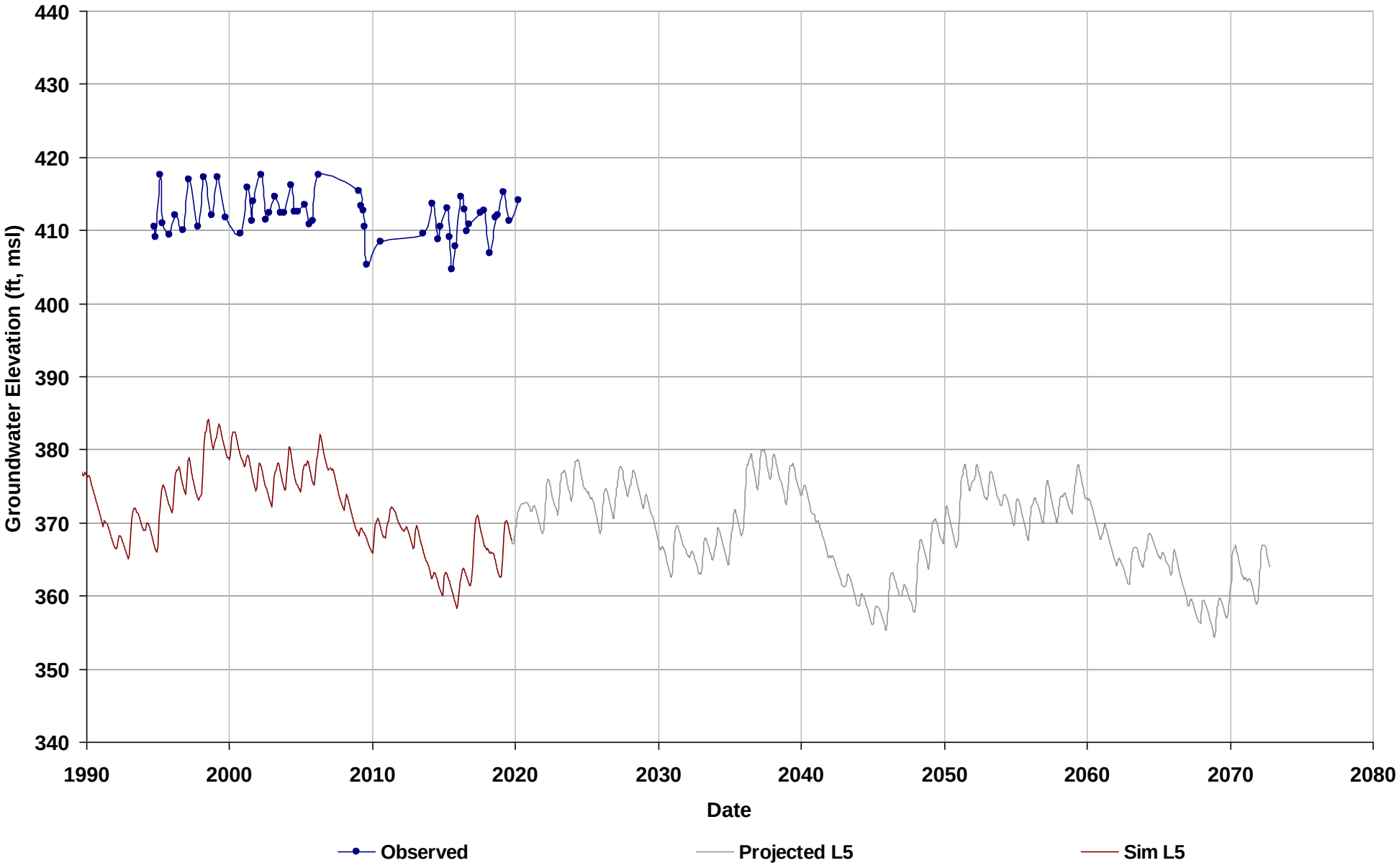
Total Depth (ft): 759
Perf Top (ft): 130
Perf Bottom (ft): 759
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 28N04W04P001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 537

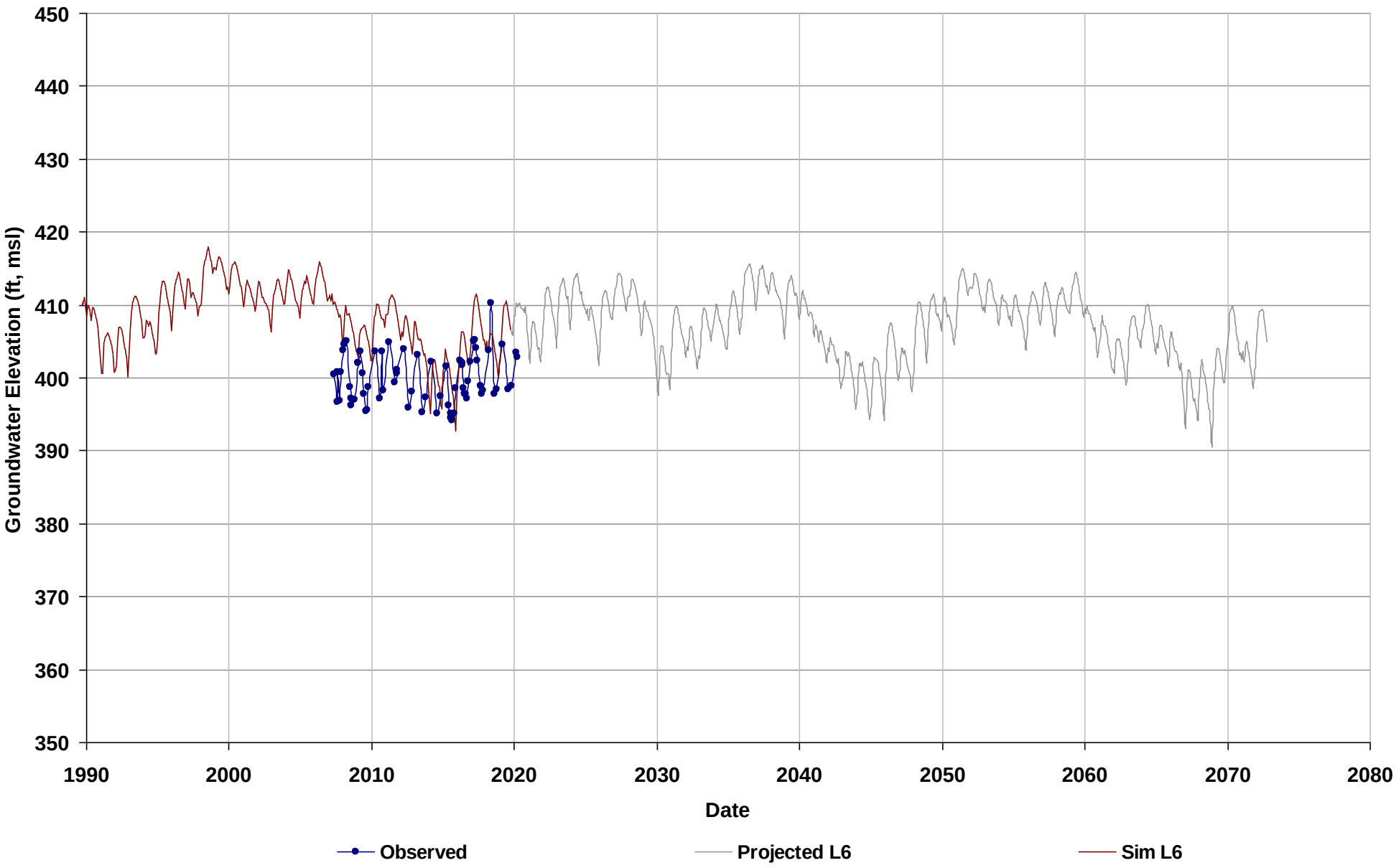
Total Depth (ft): 270
Perf Top (ft): 200
Perf Bottom (ft): 270
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N04W20A002M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

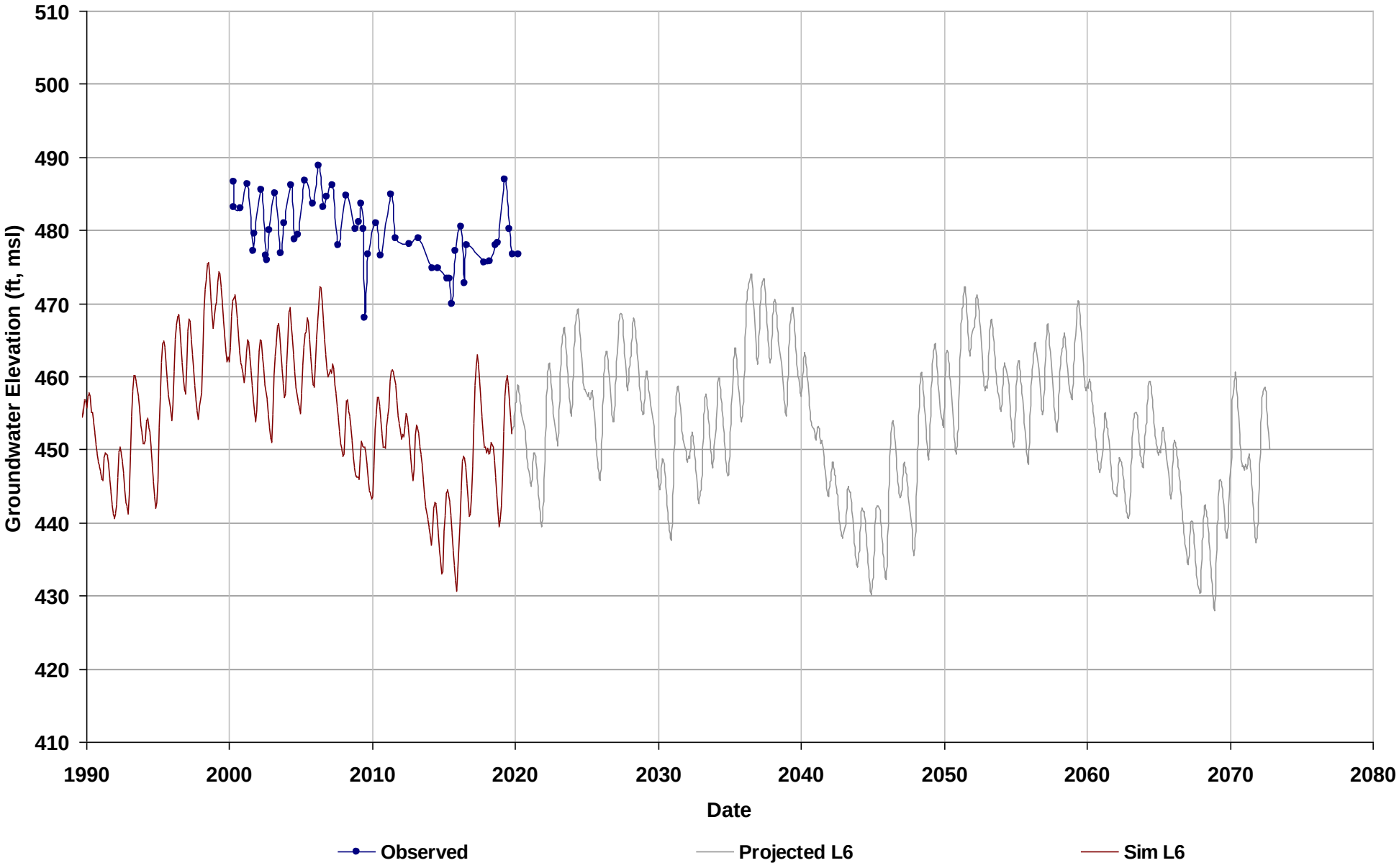
Total Depth (ft): 451
Perf Top (ft): 360
Perf Bottom (ft): 430
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N05W21H001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 622

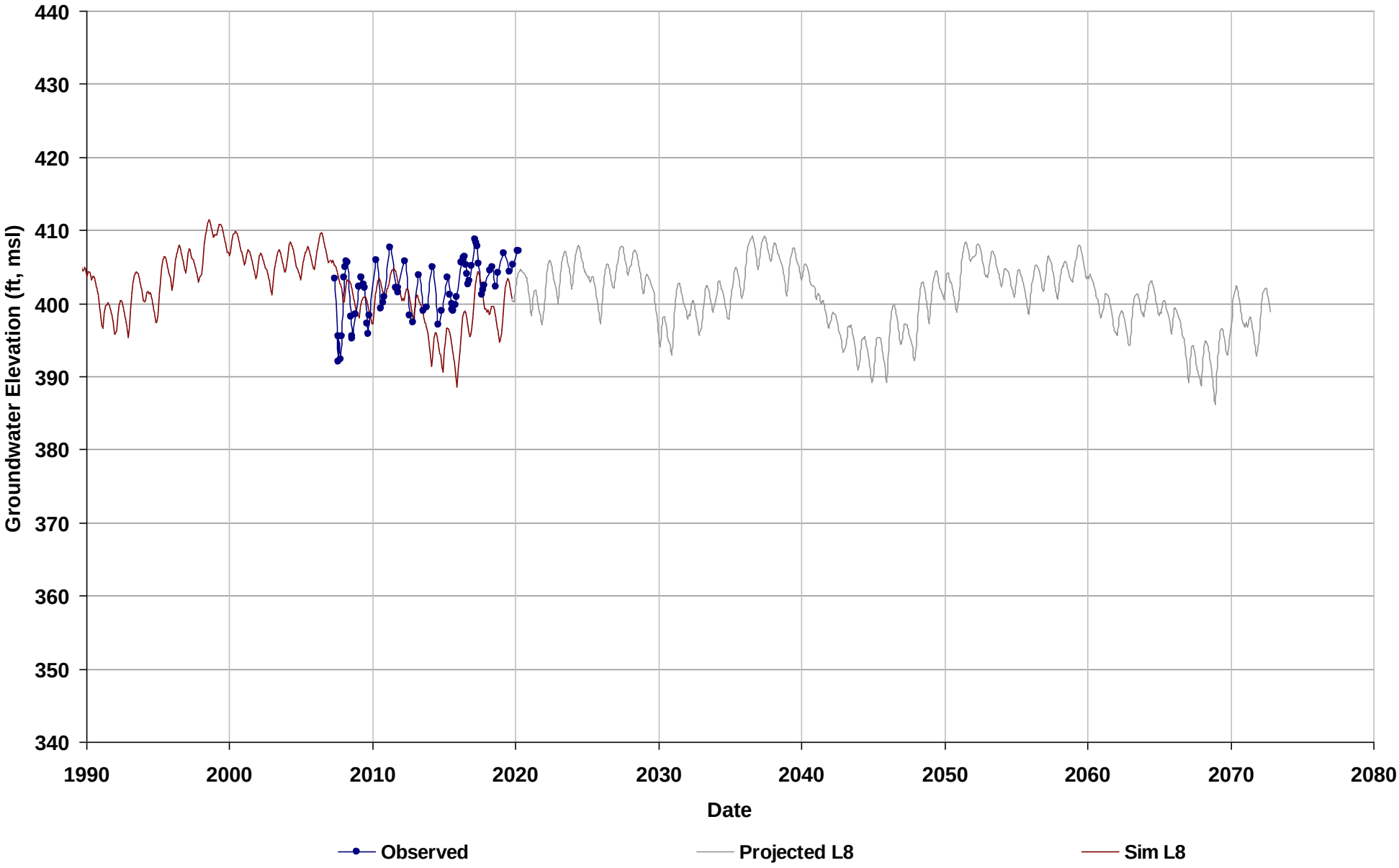
Total Depth (ft): 280
Perf Top (ft): 250
Perf Bottom (ft): 280
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N04W20A001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

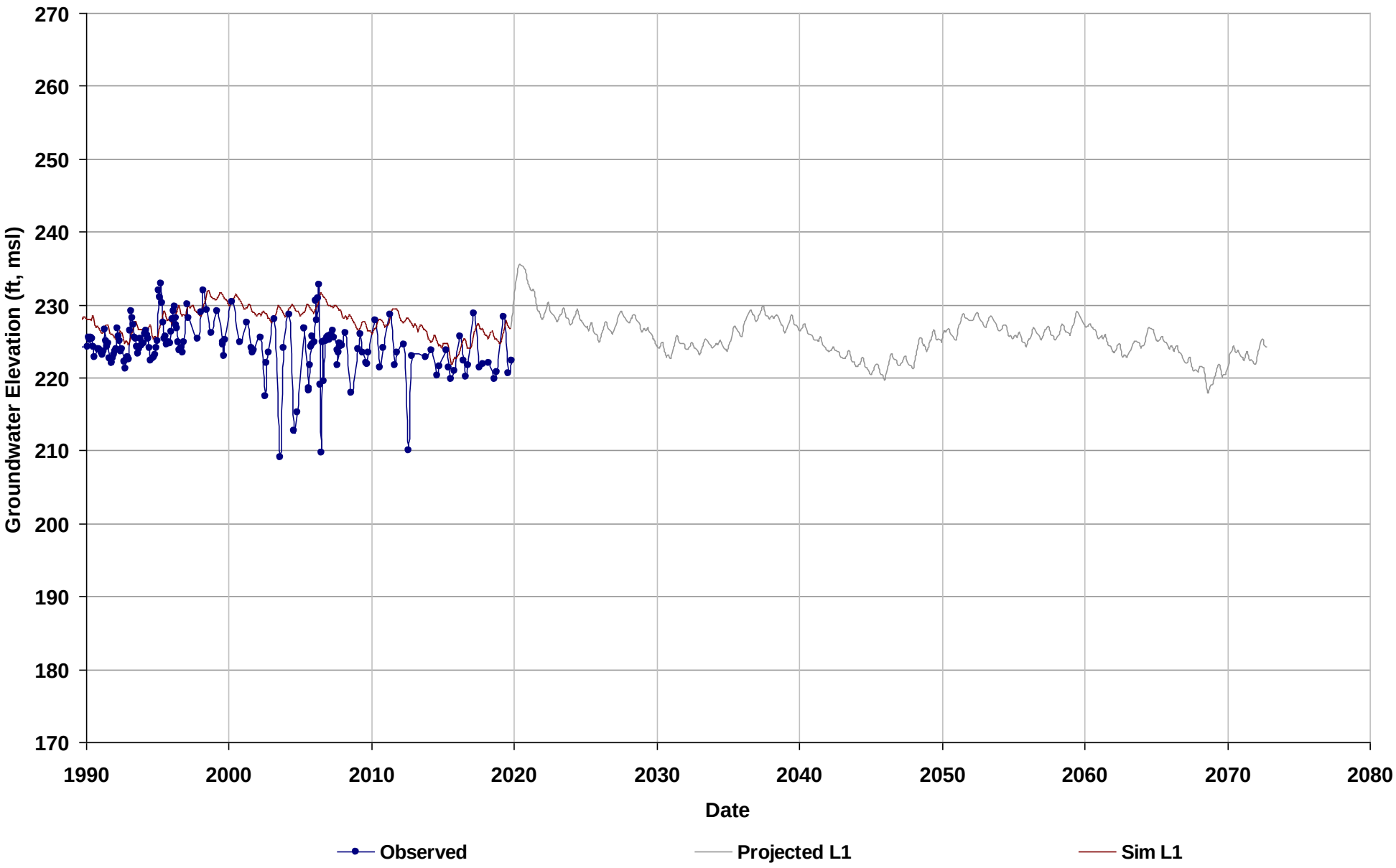
Total Depth (ft): 876
Perf Top (ft): 755
Perf Bottom (ft): 855
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 26N02W16C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 242

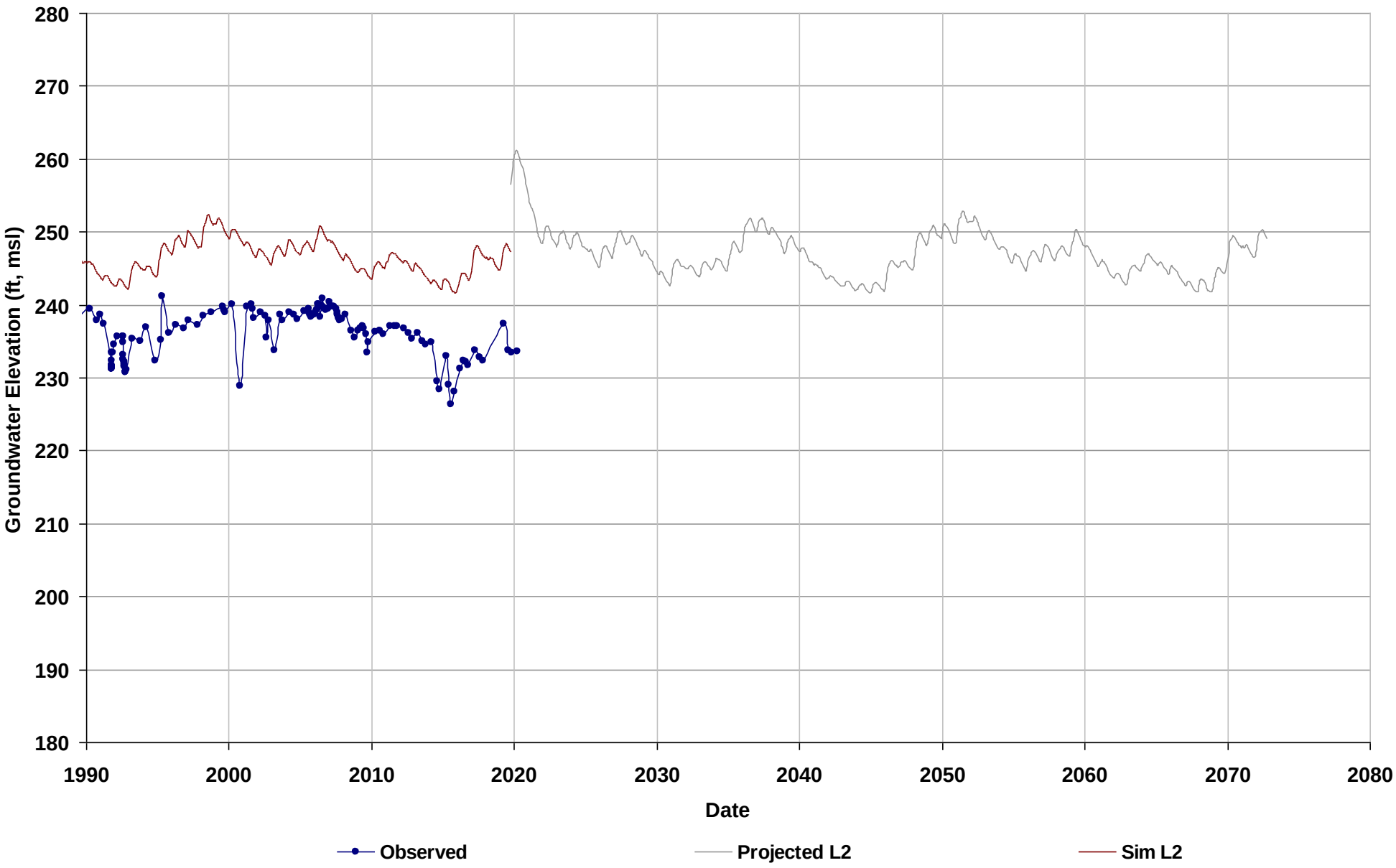
Total Depth (ft): 50
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 26N02W14G001M
Depth Zone: Likely Composite
Subbasin: Los Molinos
GSE (ft, msl): 314

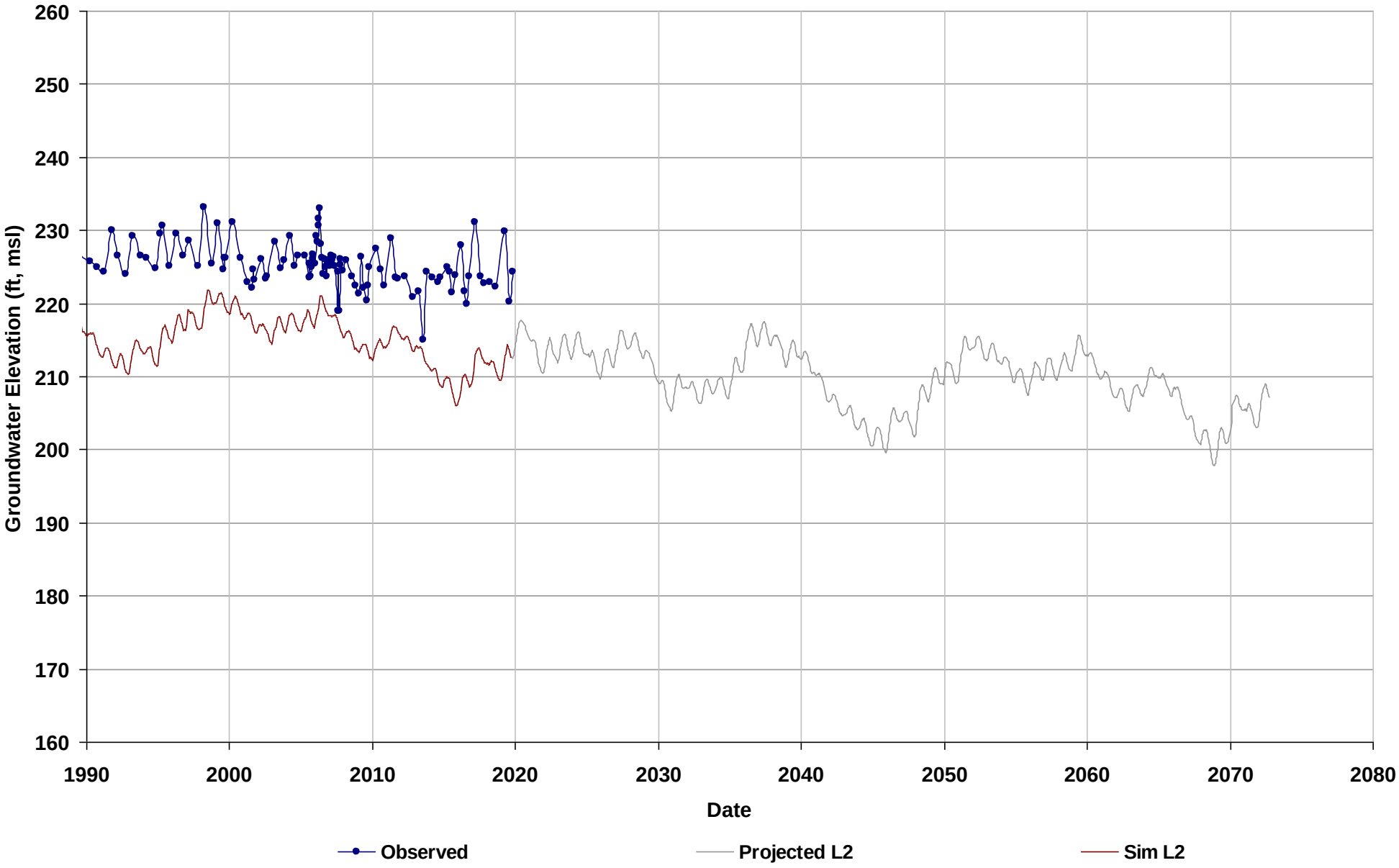
Total Depth (ft): 394
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 25N02W09G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 264

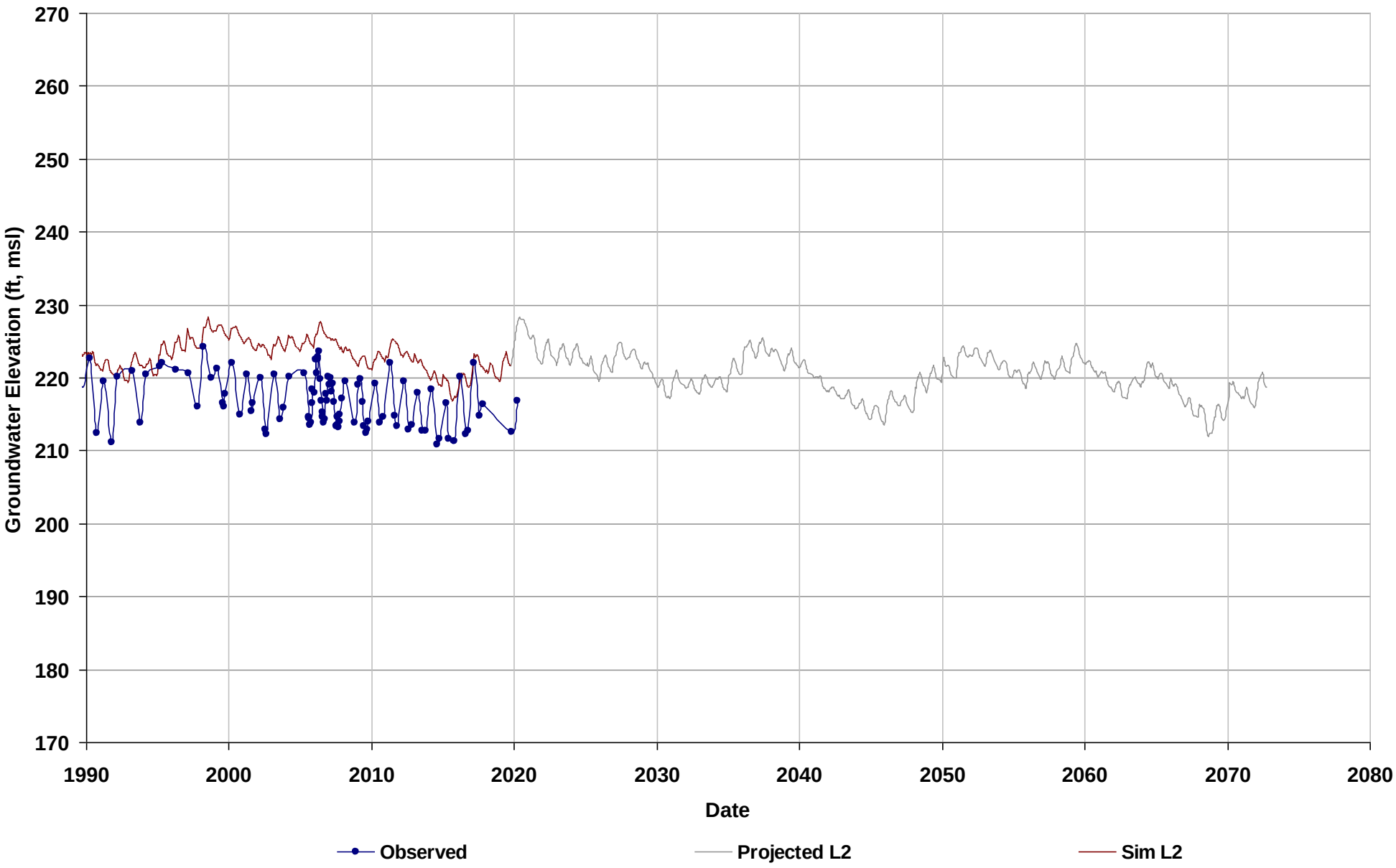
Total Depth (ft): 60
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 26N02W21Q001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 237

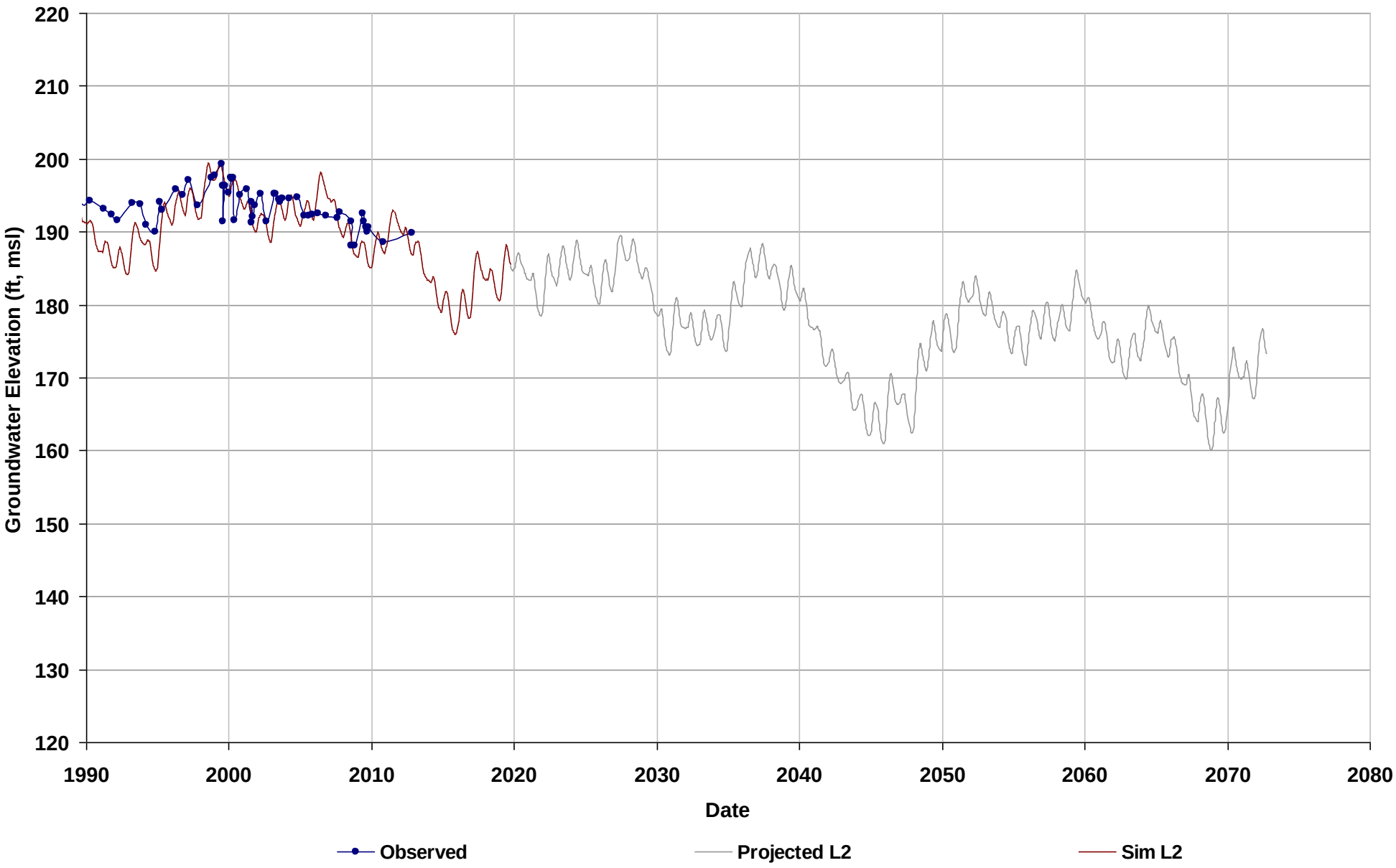
Total Depth (ft): 55
Perf Top (ft): 48
Perf Bottom (ft): 55
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 24N01W18N001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 256

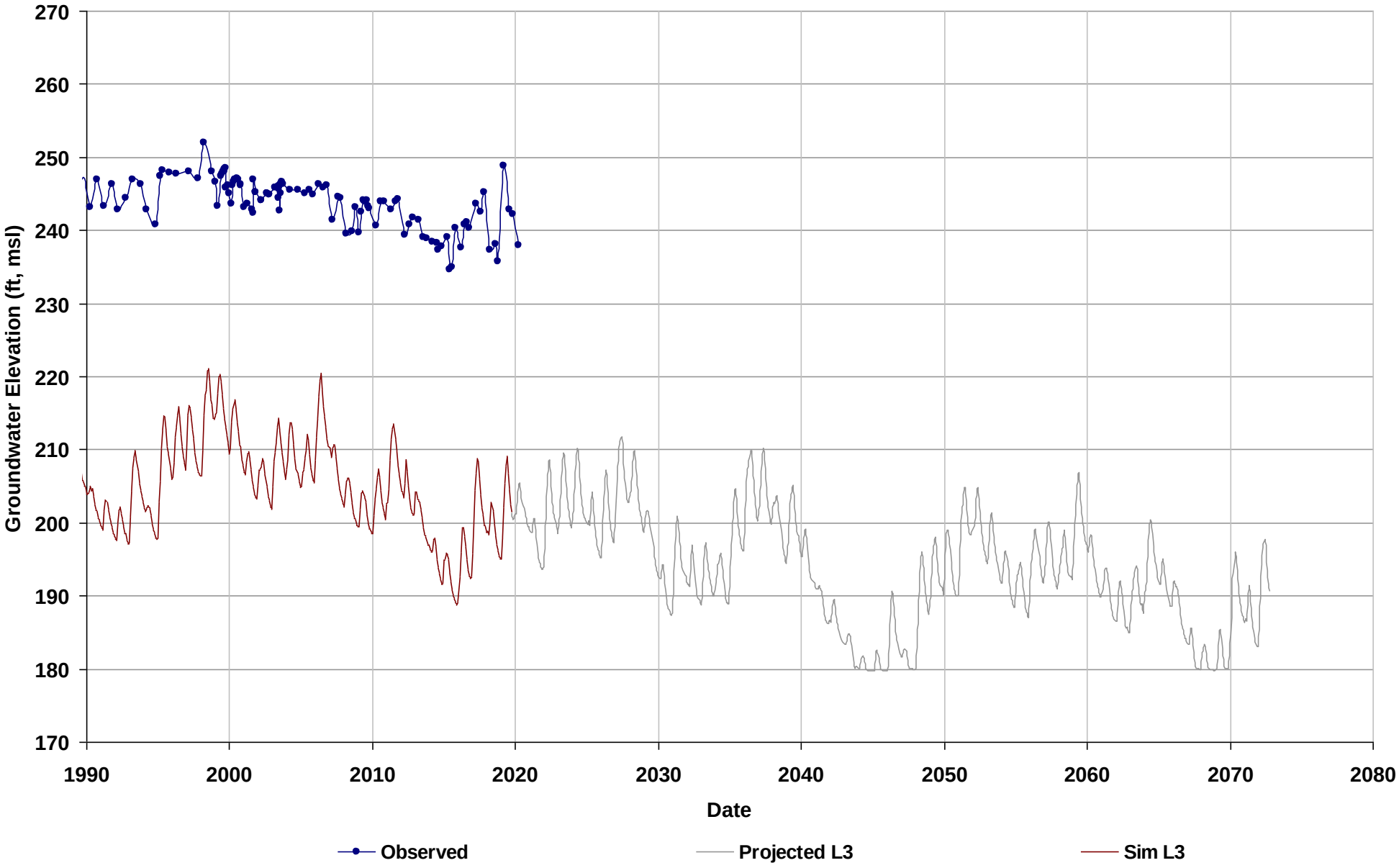
Total Depth (ft): 102
Perf Top (ft): 64
Perf Bottom (ft): 76
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 24N01W05Q002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 289

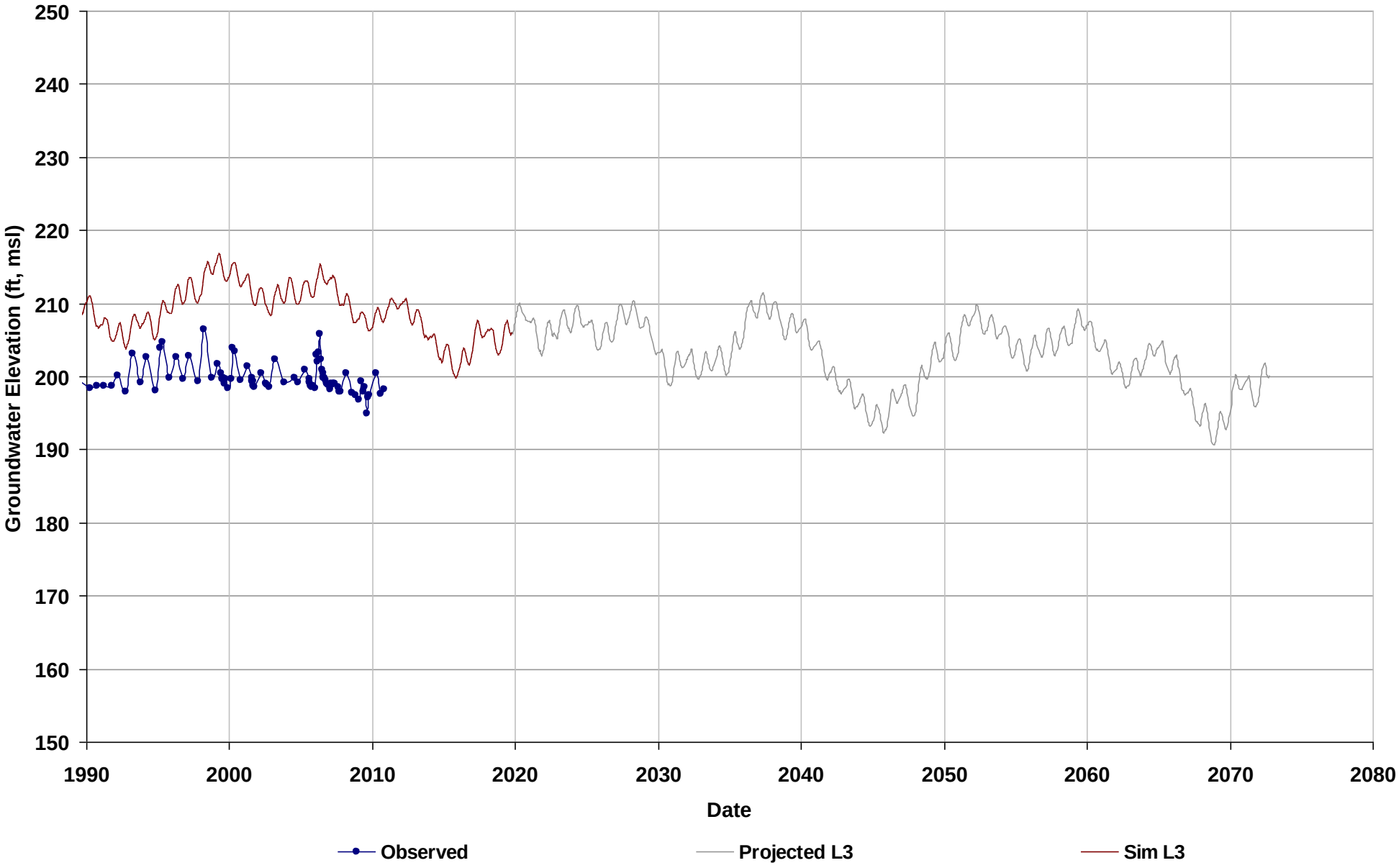
Total Depth (ft): 150
Perf Top (ft): 60
Perf Bottom (ft): 150
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 25N02W21B001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 212

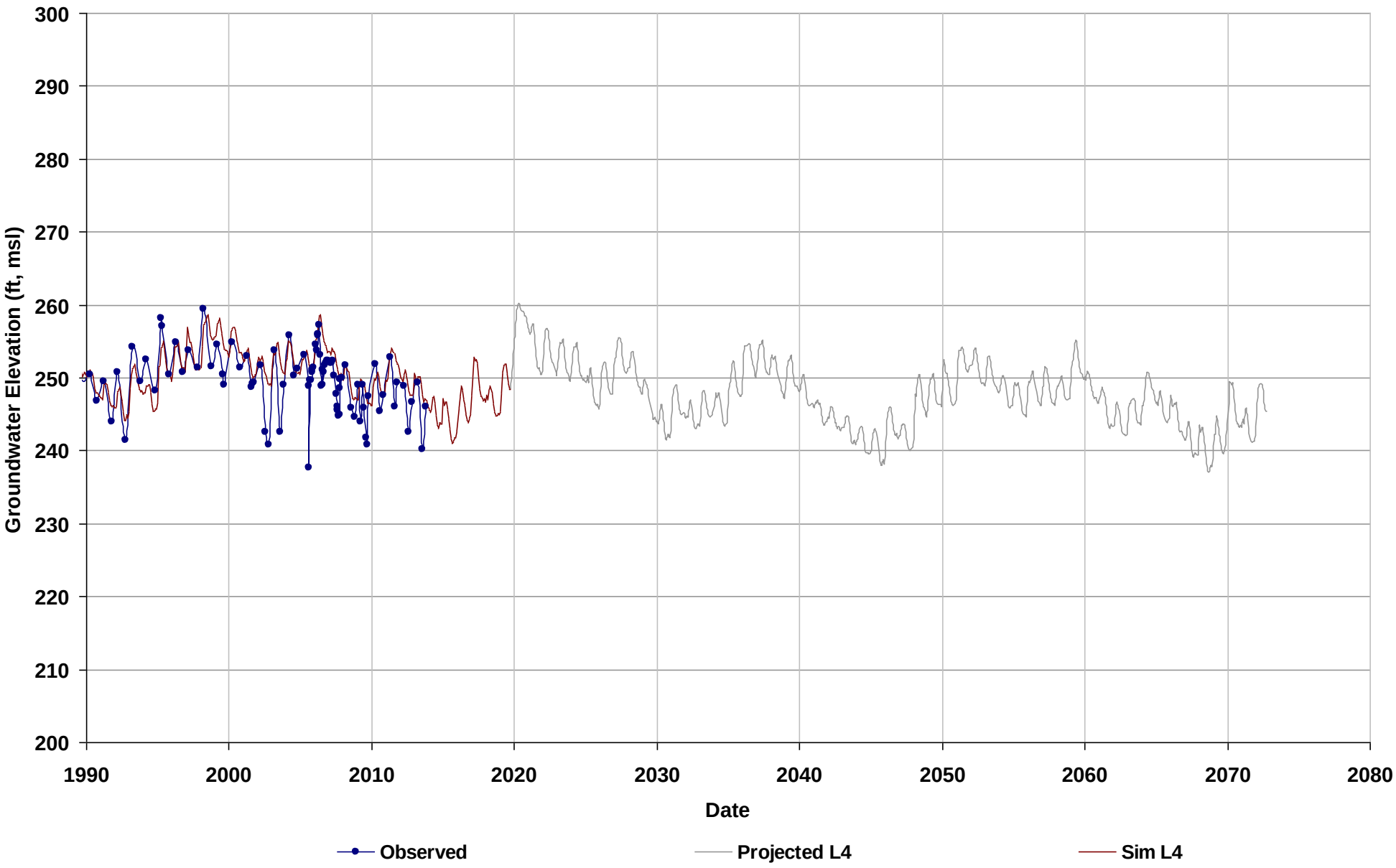
Total Depth (ft): 110
Perf Top (ft): 52
Perf Bottom (ft): 110
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 27N02W30C002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 282

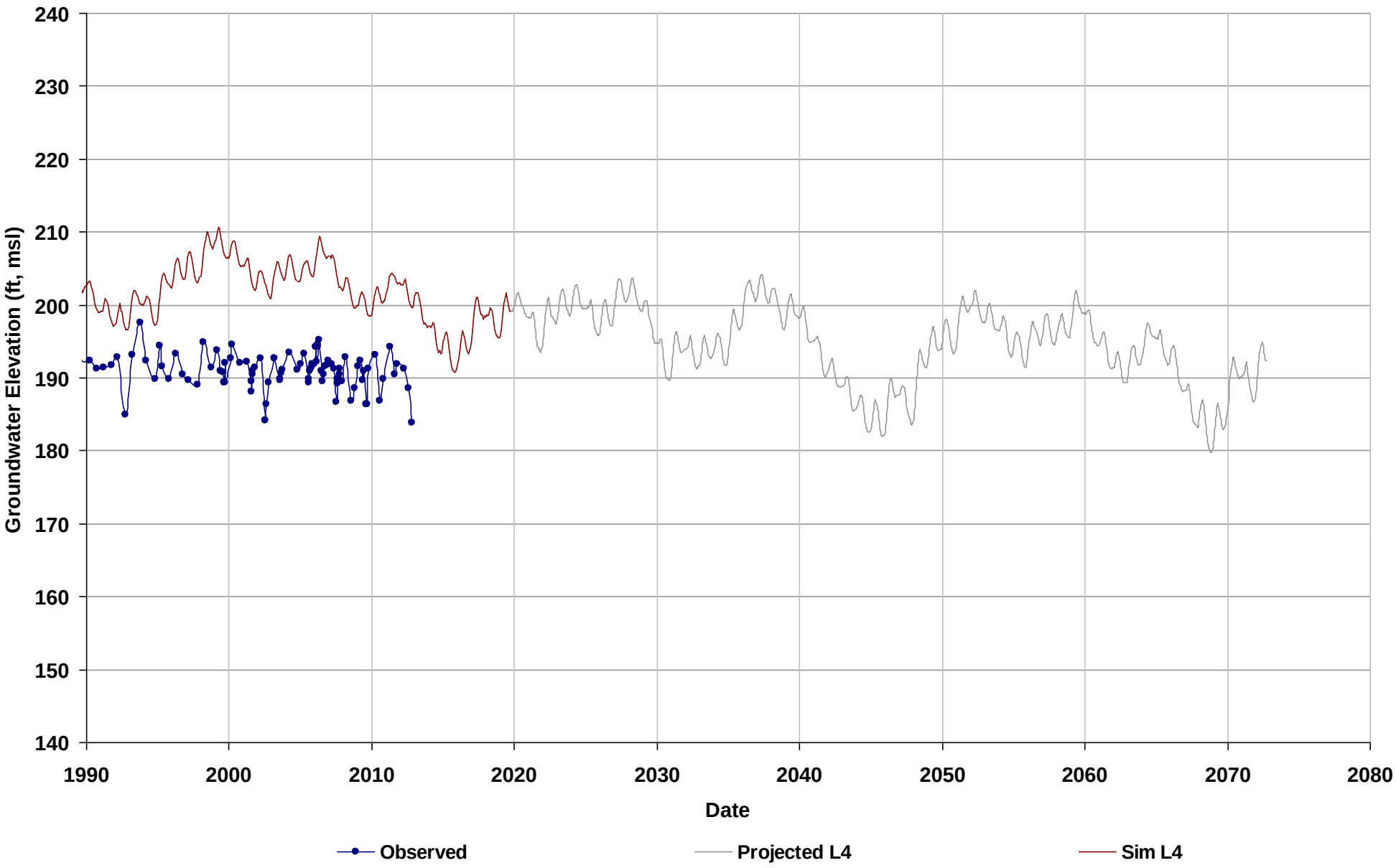
Total Depth (ft): 296
Perf Top (ft): 50
Perf Bottom (ft): 163
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 25N02W34K001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 206

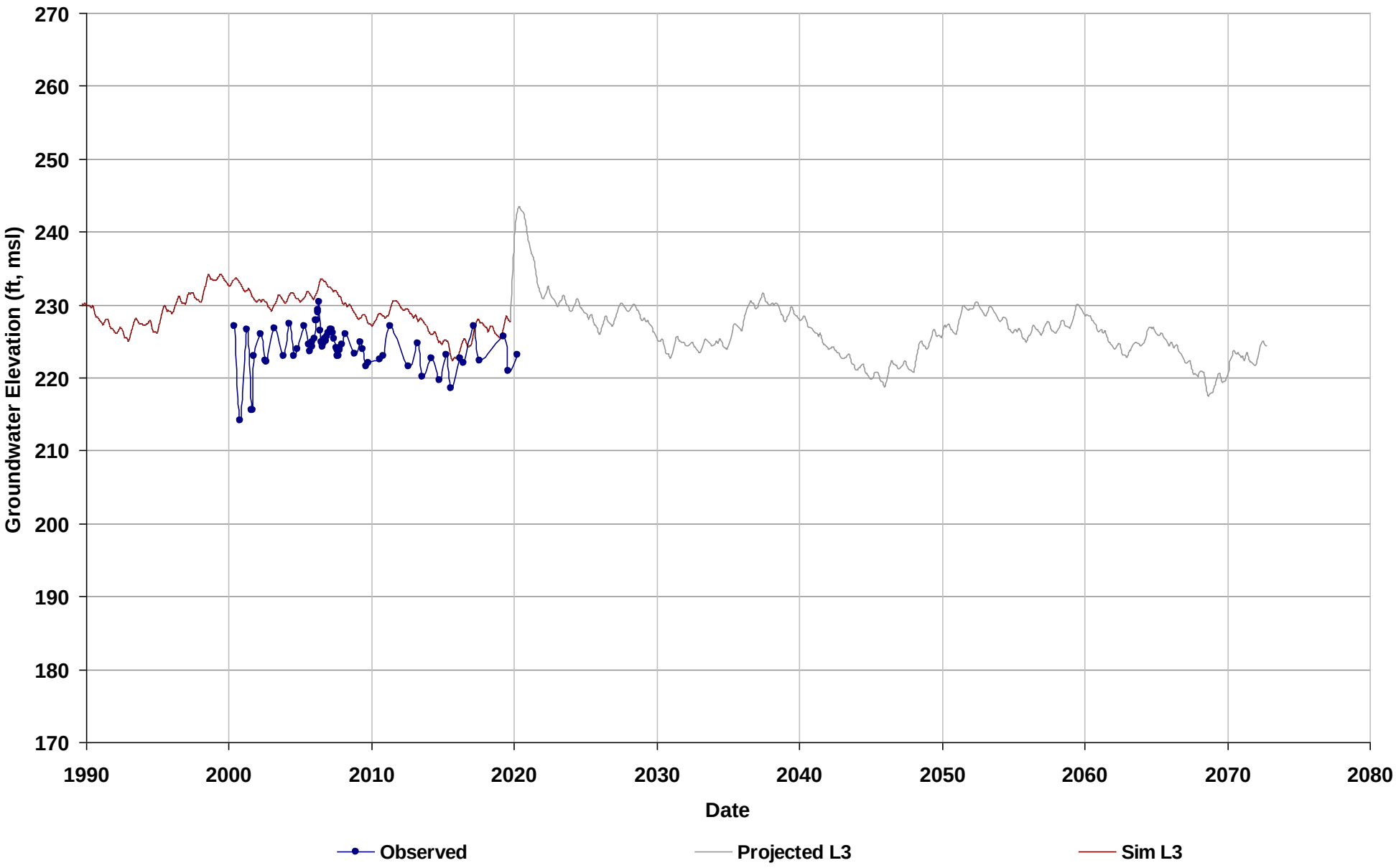
Total Depth (ft): 235
Perf Top (ft): 46
Perf Bottom (ft): 213
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 26N02W15C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 260

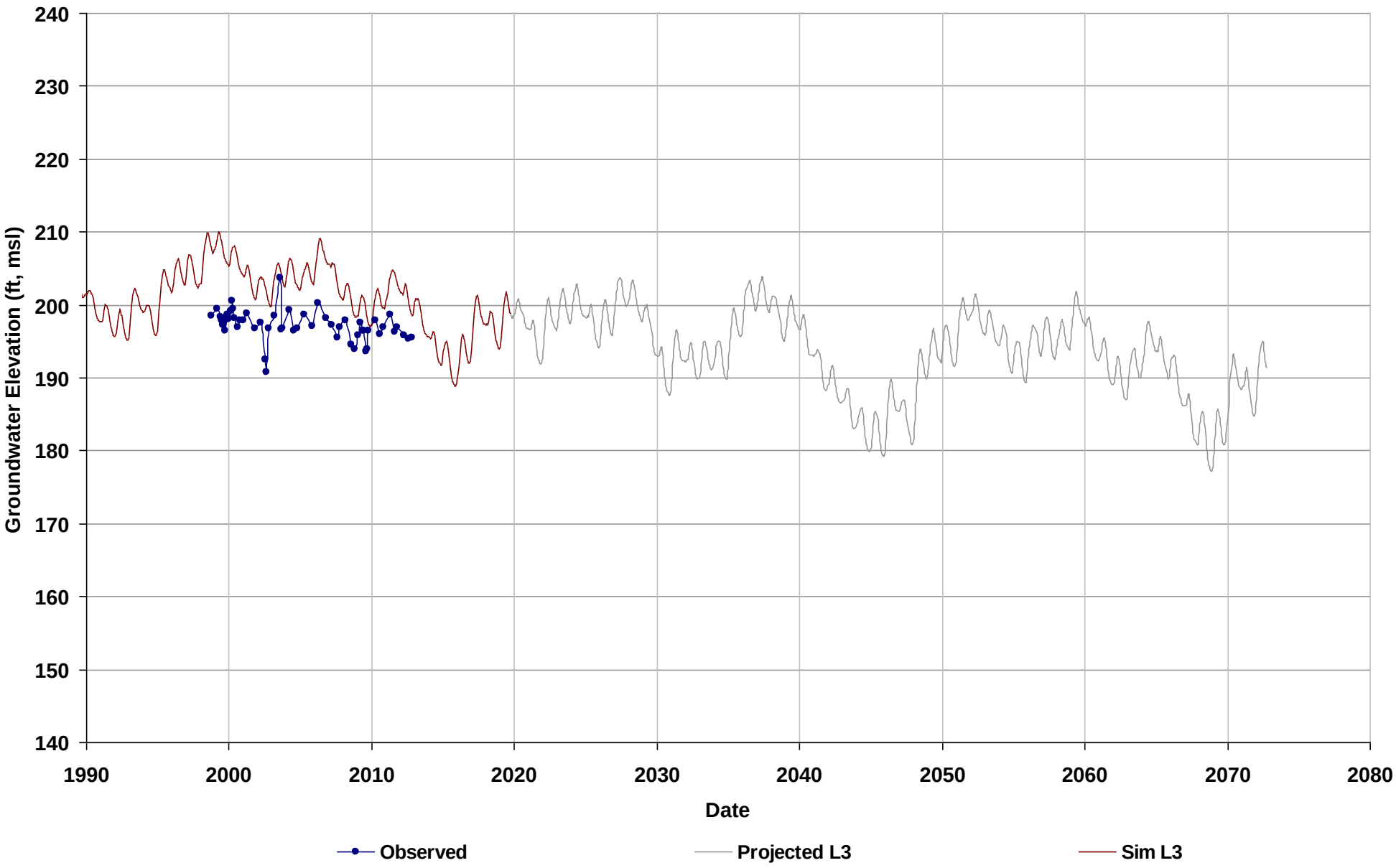
Total Depth (ft): 100
Perf Top (ft): 78
Perf Bottom (ft): 100
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 24N02W02E001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 202

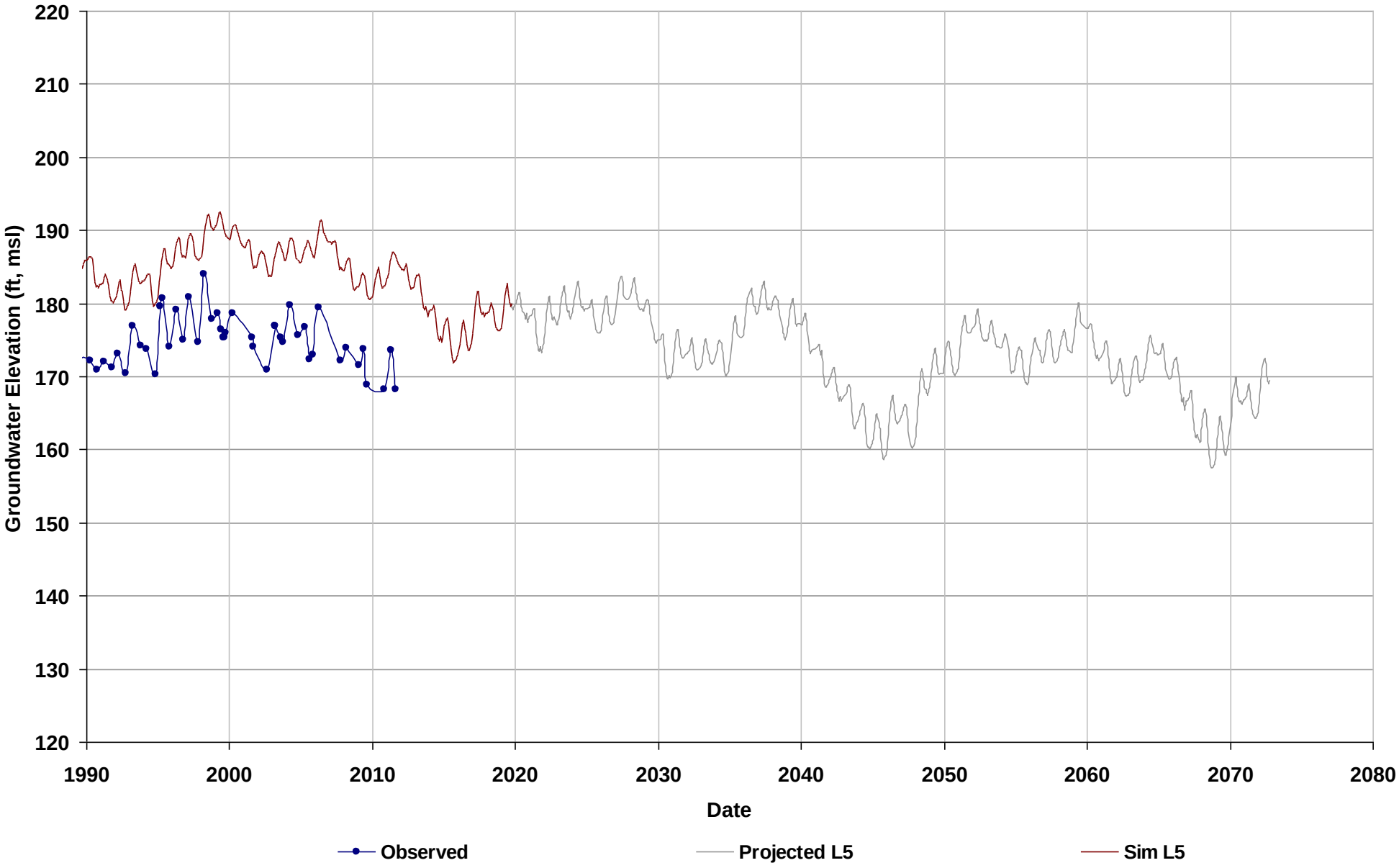
Total Depth (ft): 328
Perf Top (ft): 90
Perf Bottom (ft): 310
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 24N02W23G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 199

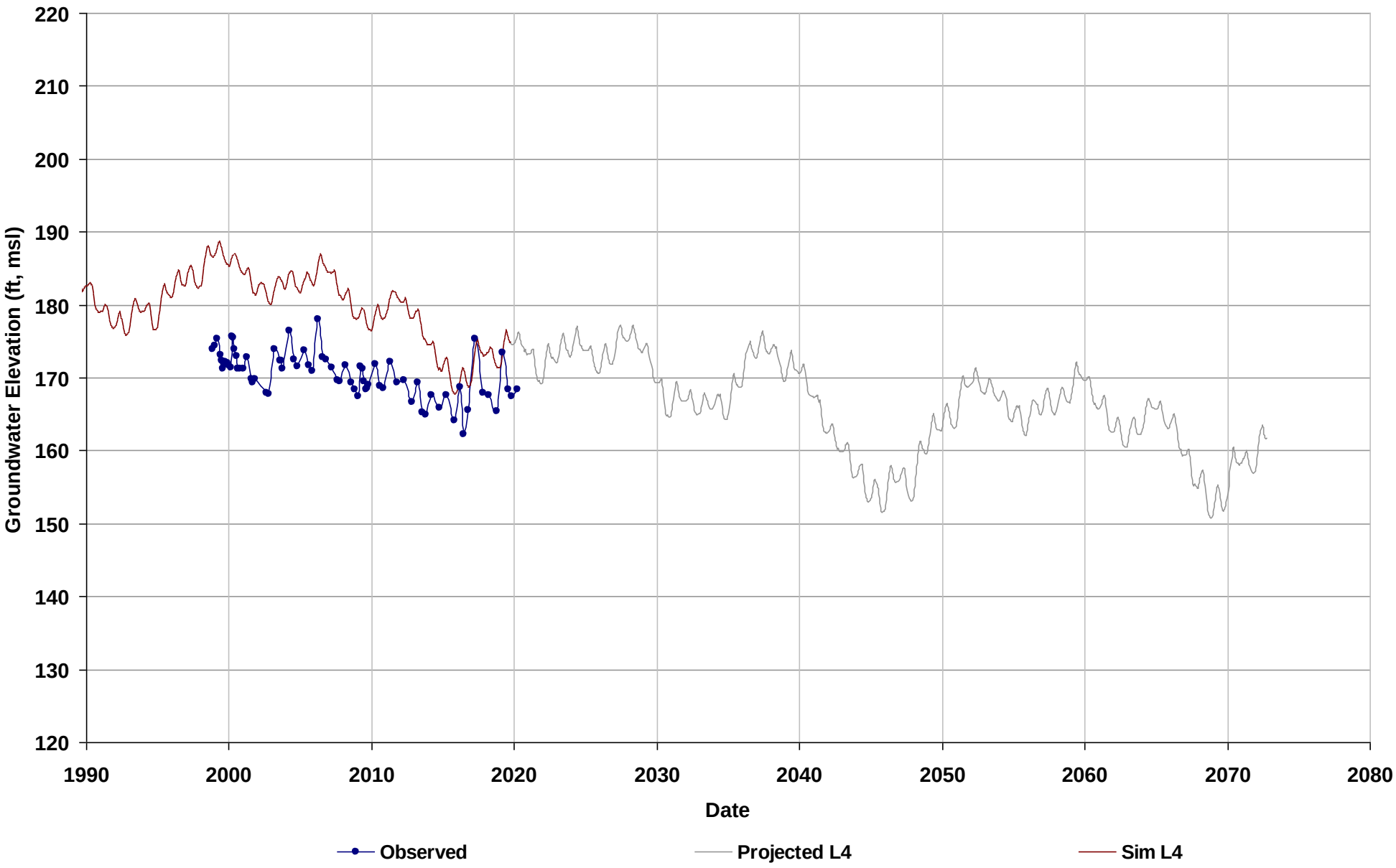
Total Depth (ft): 362
Perf Top (ft): 84
Perf Bottom (ft): 362
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 24N02W25G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 194

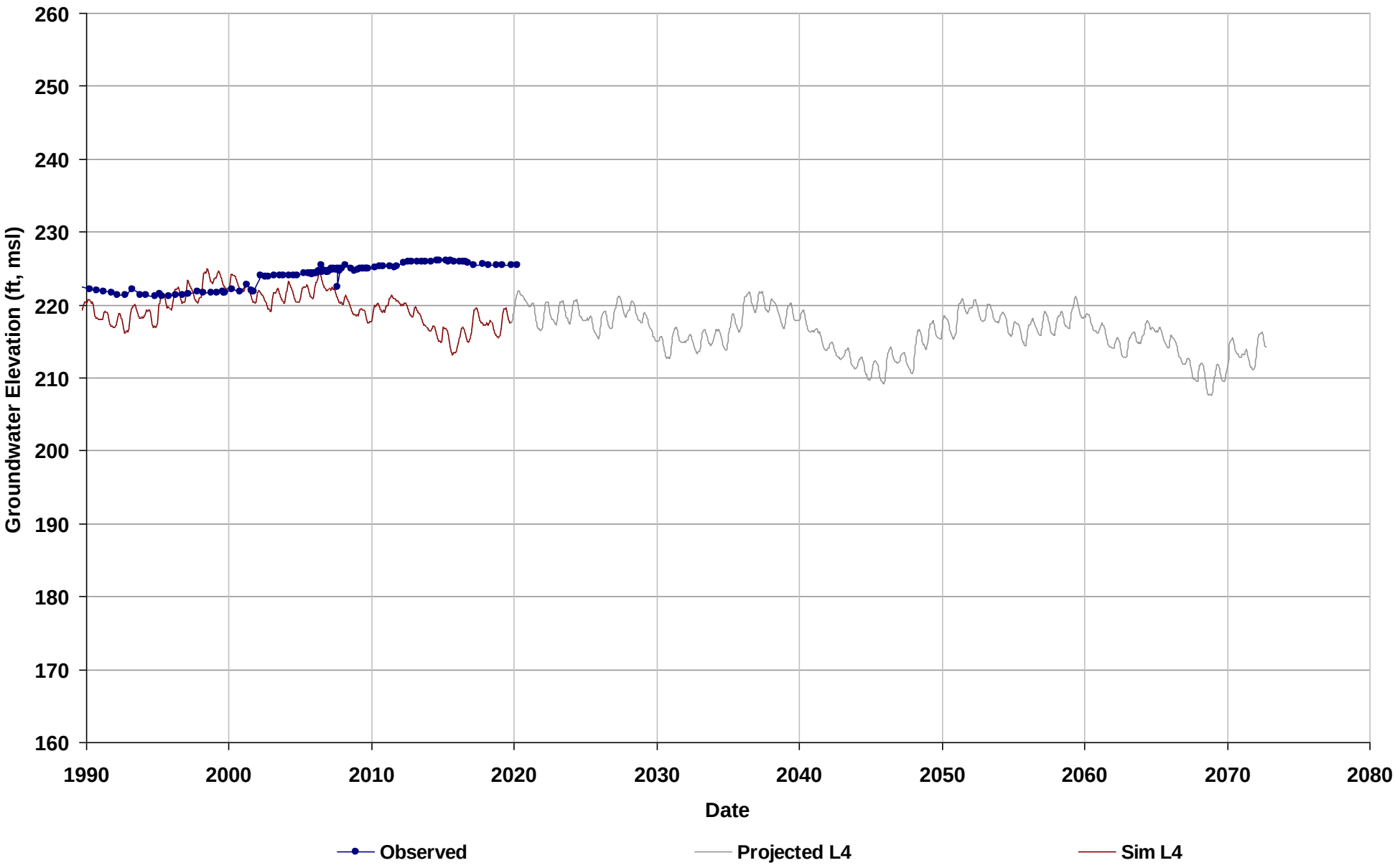
Total Depth (ft): 256
Perf Top (ft): 108
Perf Bottom (ft): 256
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 26N02W29R001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

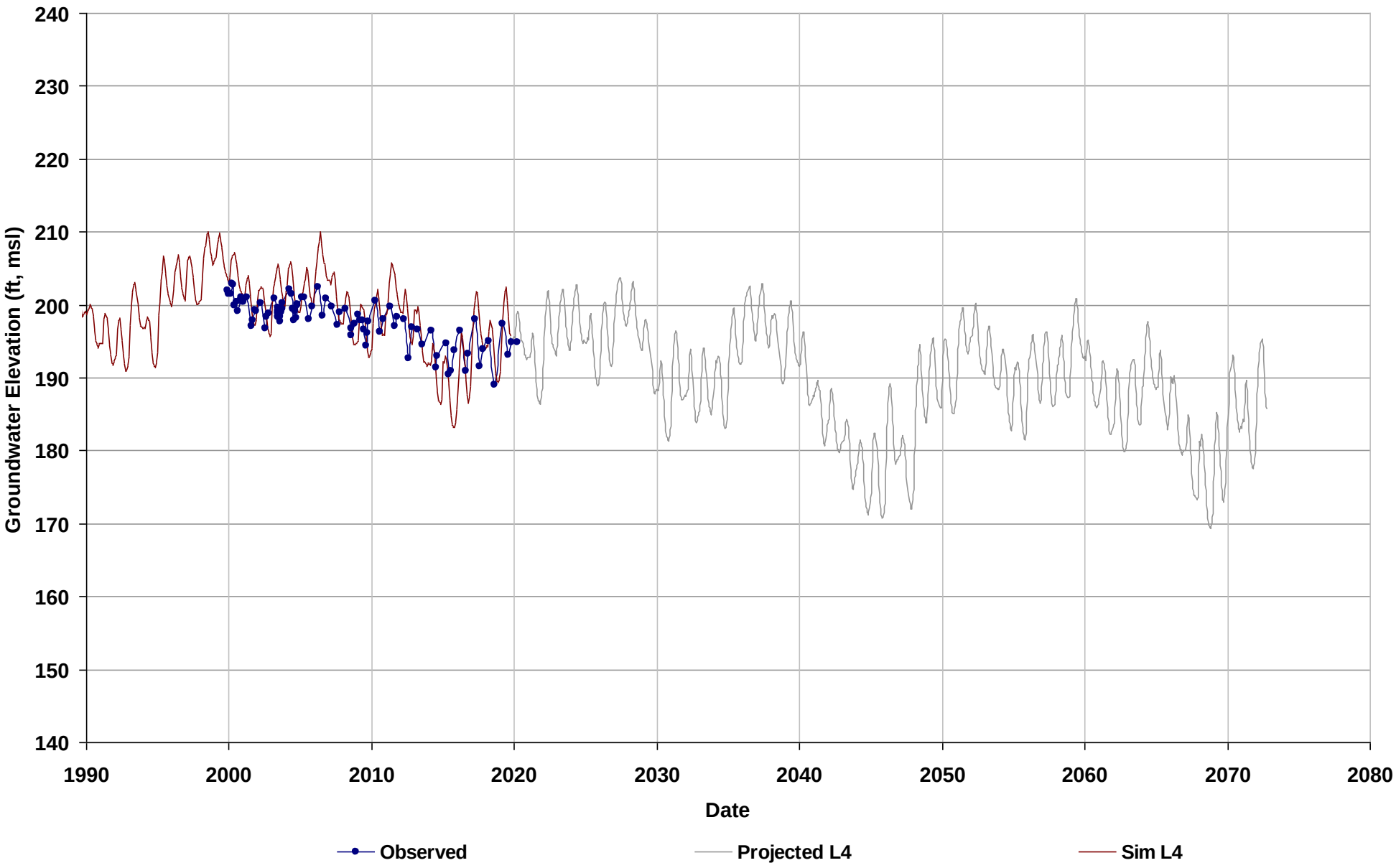
Total Depth (ft): 184
Perf Top (ft): 183.5
Perf Bottom (ft): 184
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 24N02W12P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 228

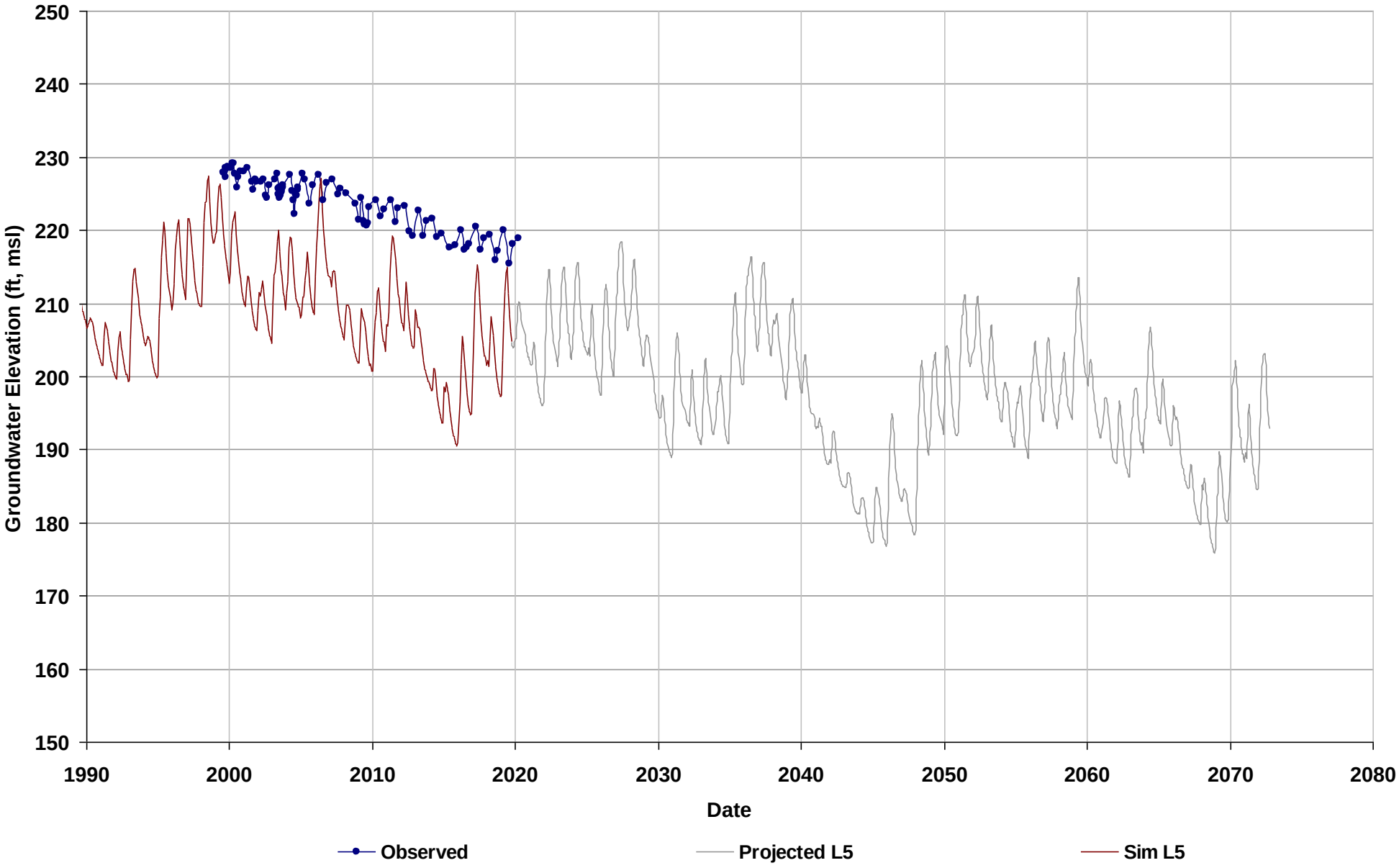
Total Depth (ft): 370
Perf Top (ft): 165
Perf Bottom (ft): 360
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 24N01W05J003M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 312

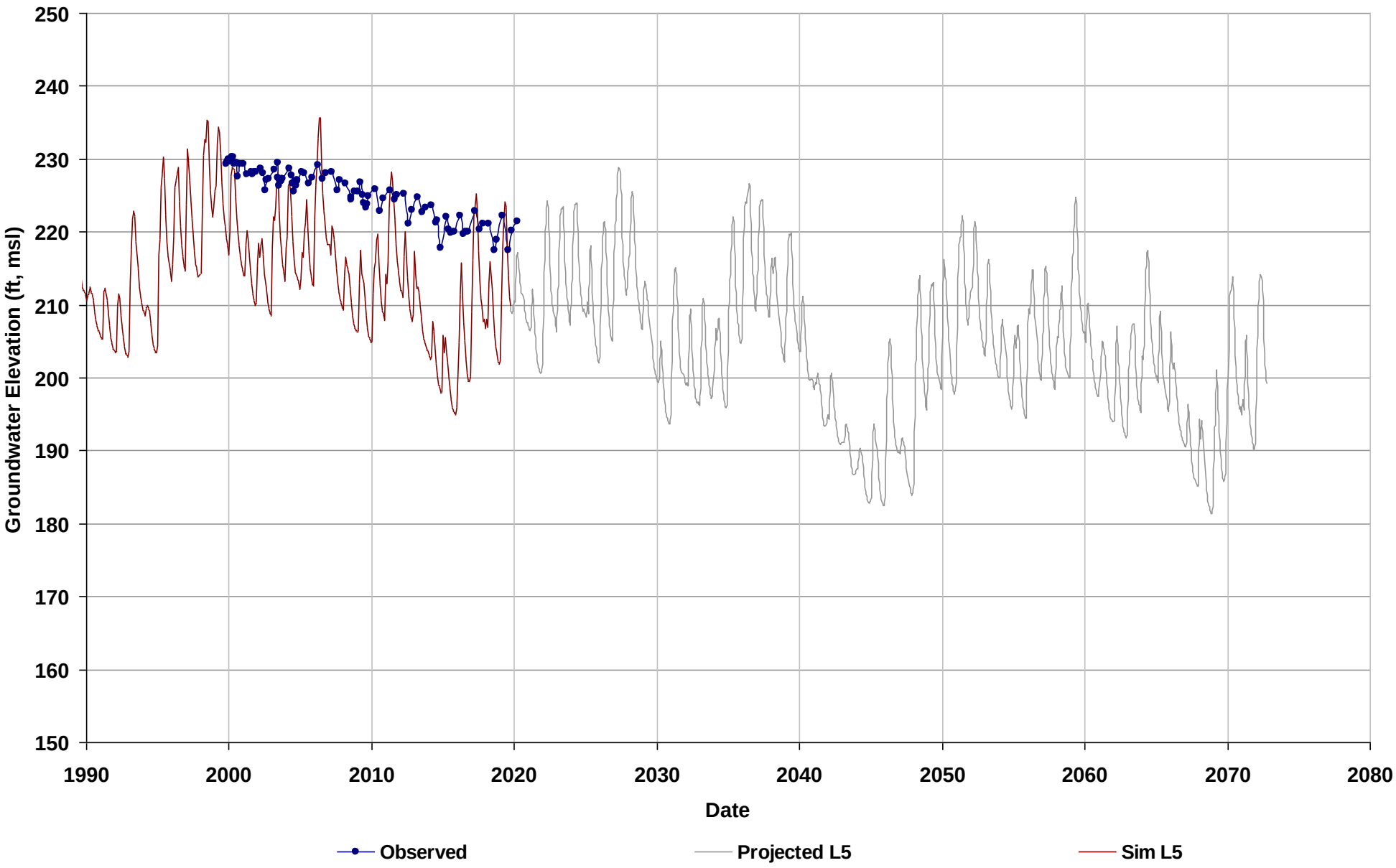
Total Depth (ft): 385
Perf Top (ft): 295
Perf Bottom (ft): 335
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 25N01W32P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 303

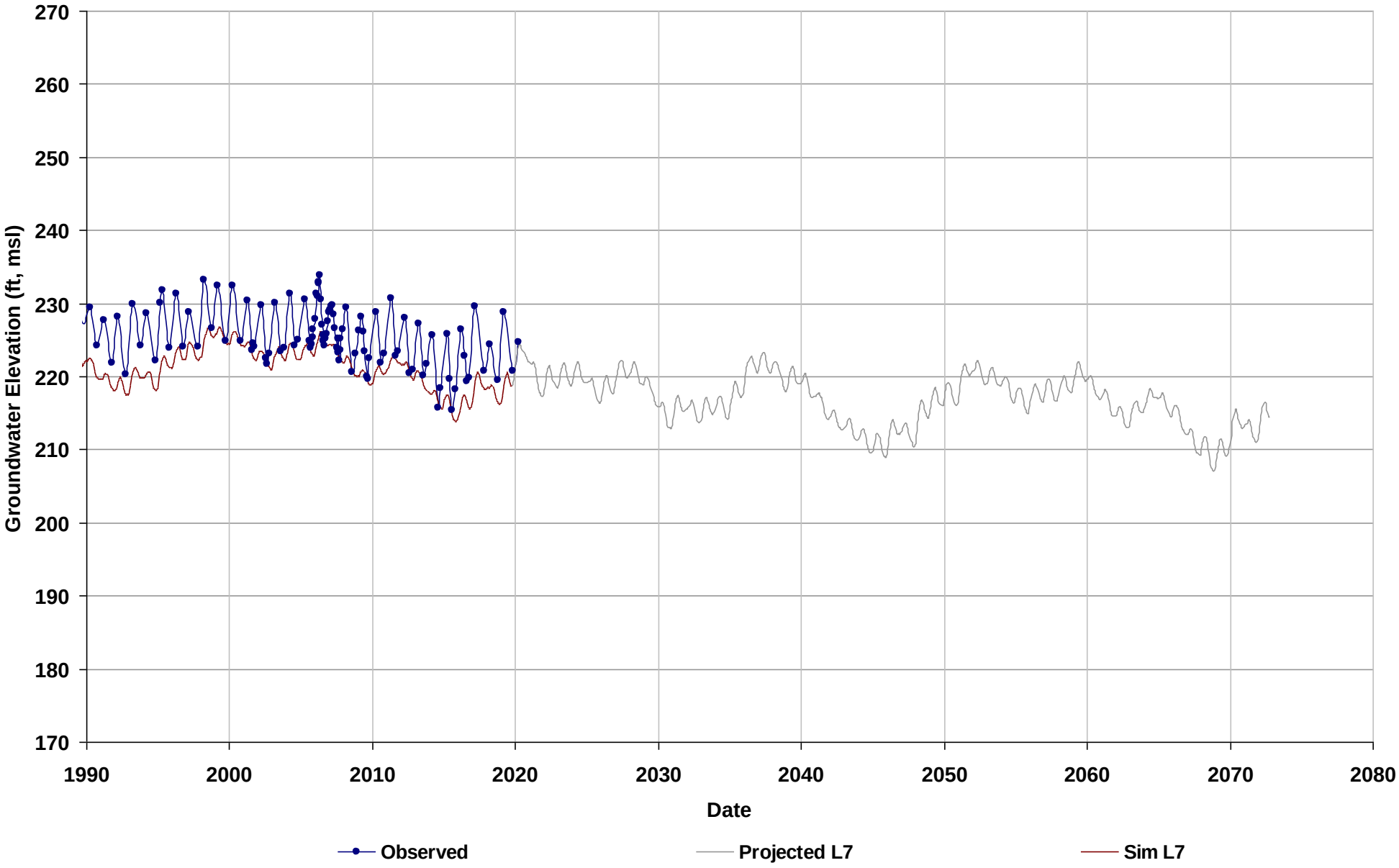
Total Depth (ft): 330
Perf Top (ft): 209
Perf Bottom (ft): 256
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 26N02W29R002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

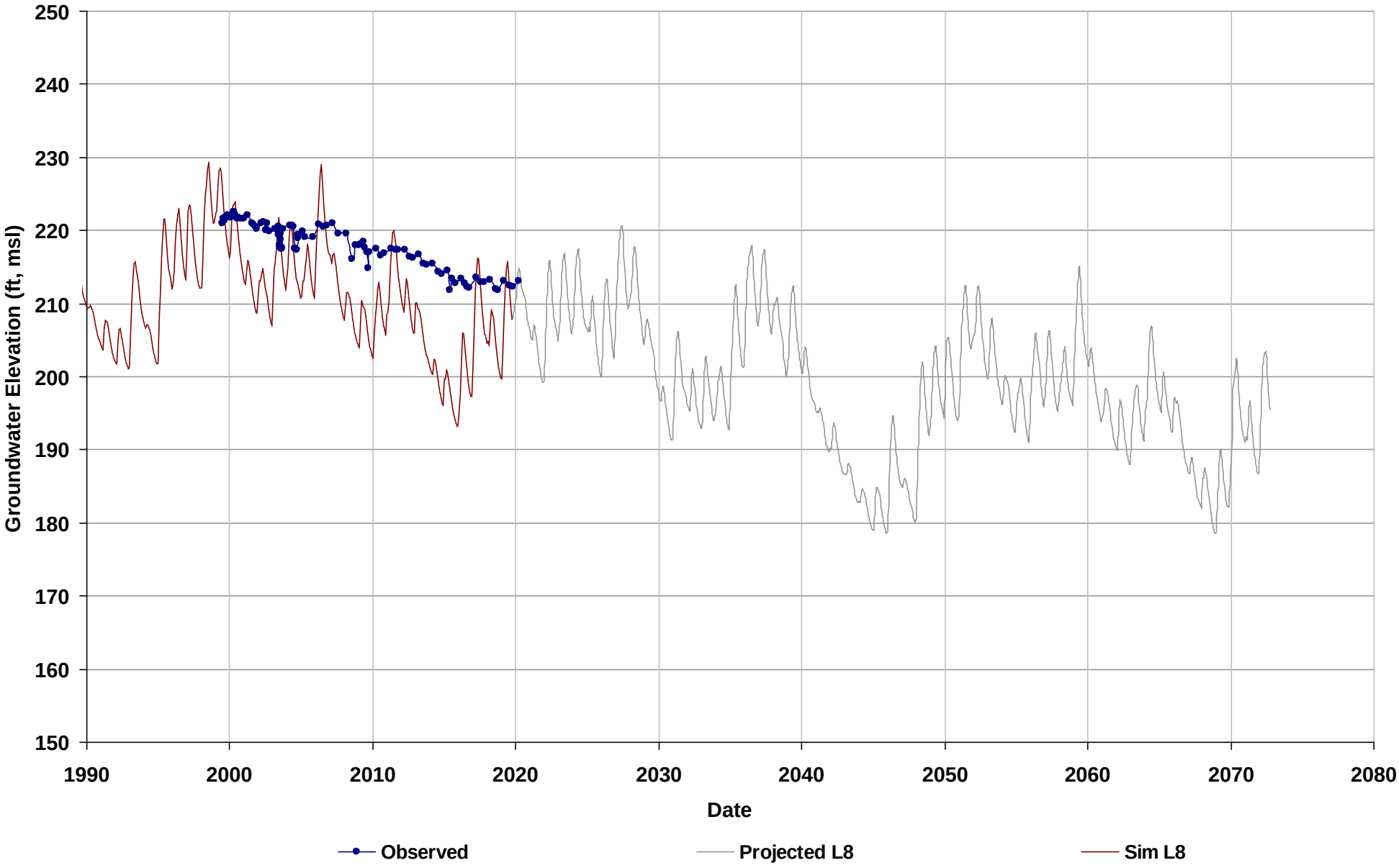
Total Depth (ft): 900
Perf Top (ft): 839.5
Perf Bottom (ft): 840.5
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 25N01W34N003M
Depth Zone: Lower
Subbasin: Los Molinos
GSE (ft, msl): 366

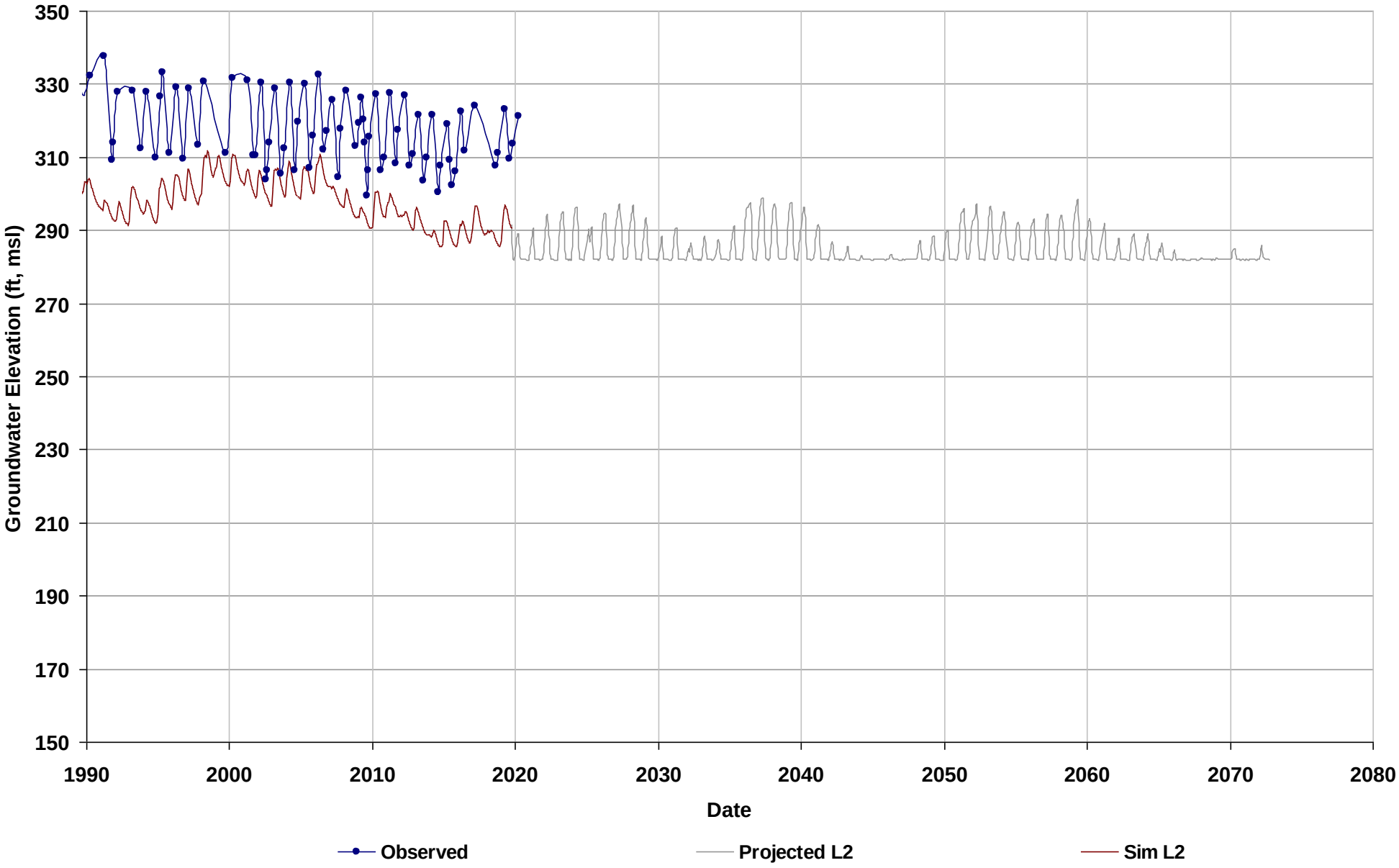
Total Depth (ft): 743
Perf Top (ft): 625
Perf Bottom (ft): 680
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 27N04W35E001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 438

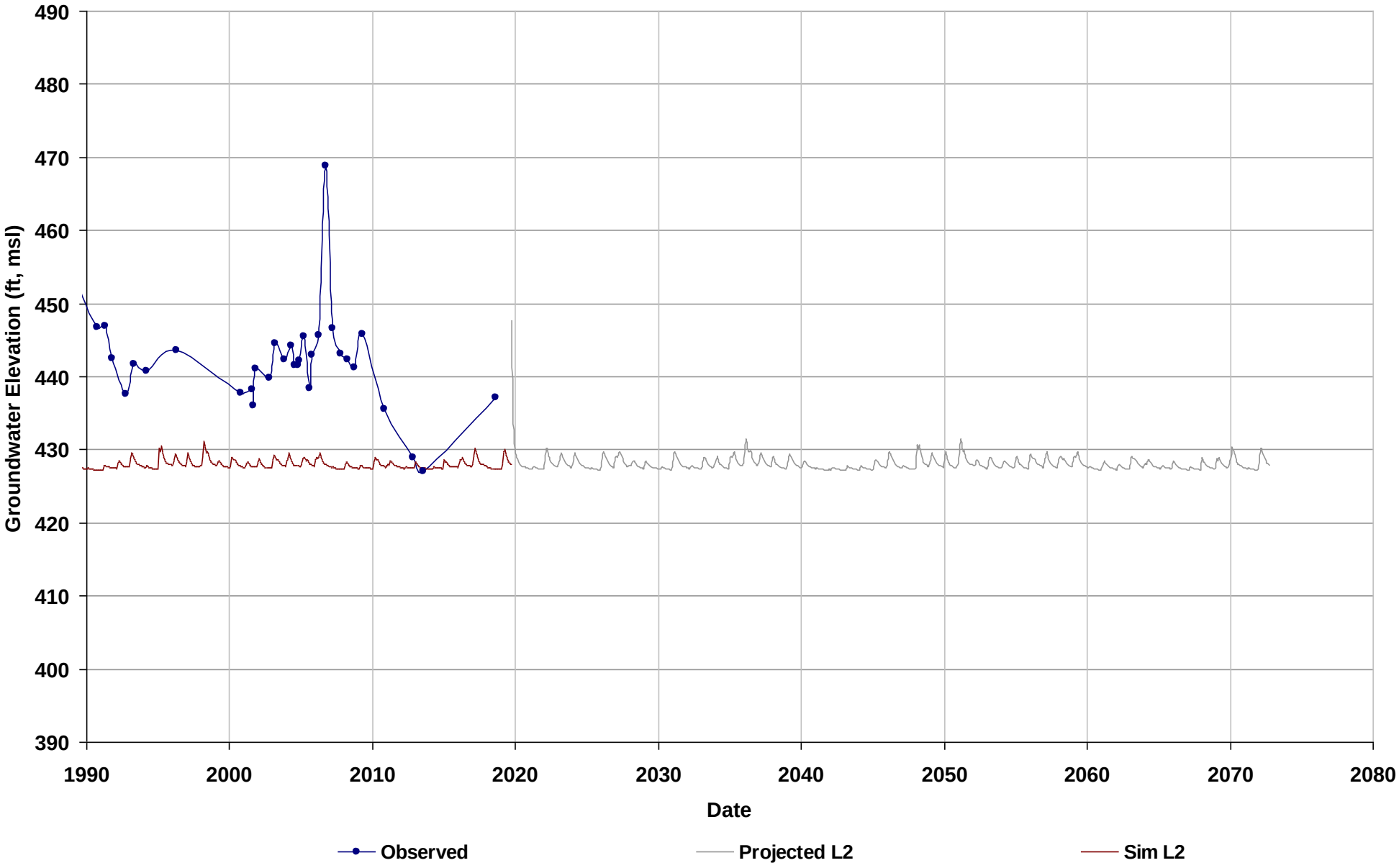
Total Depth (ft): 280
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 25N05W24D001M
Depth Zone: Unknown
Subbasin: Red Bluff
GSE (ft, msl): 515

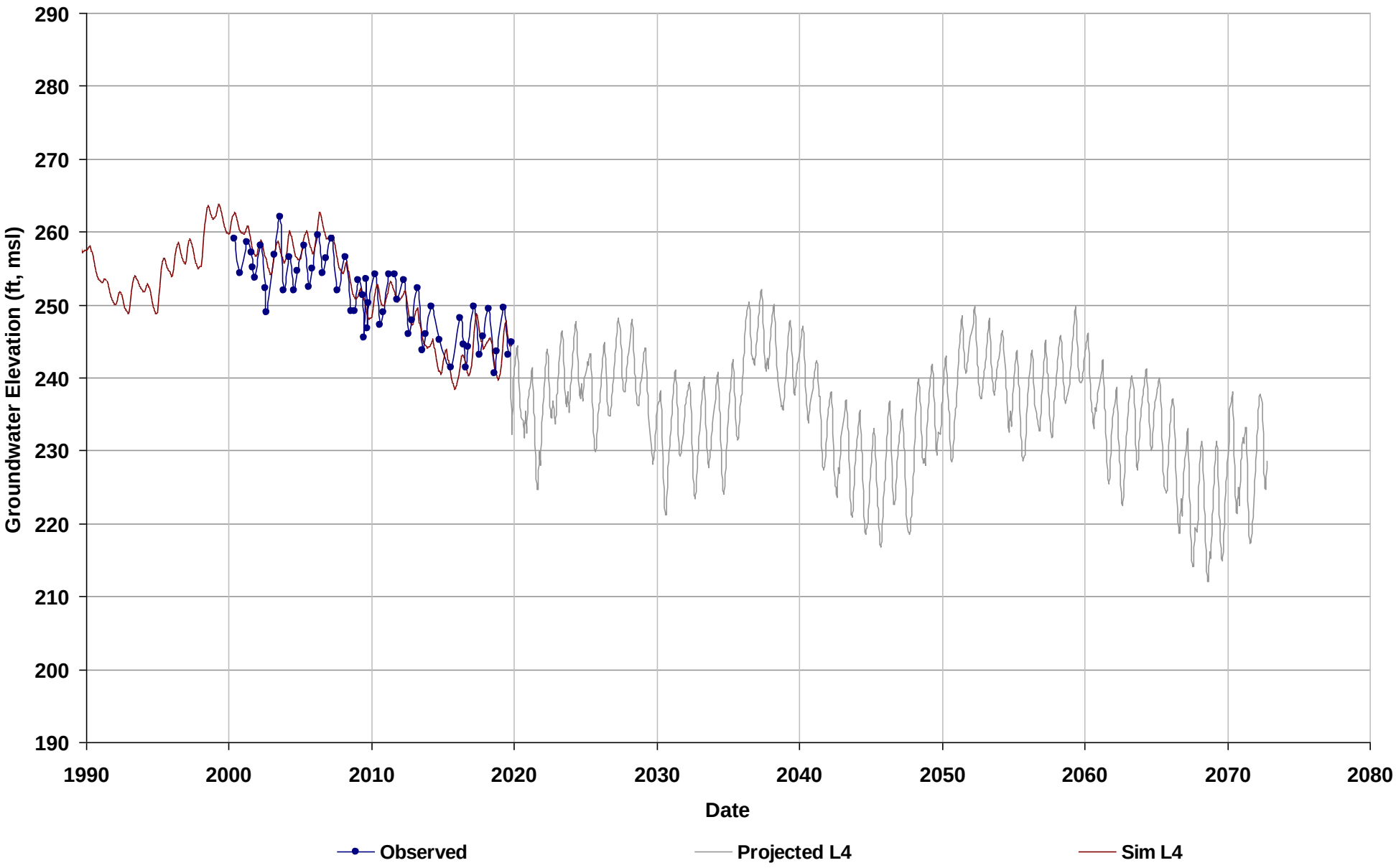
Total Depth (ft):
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 26N03W17B001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 309

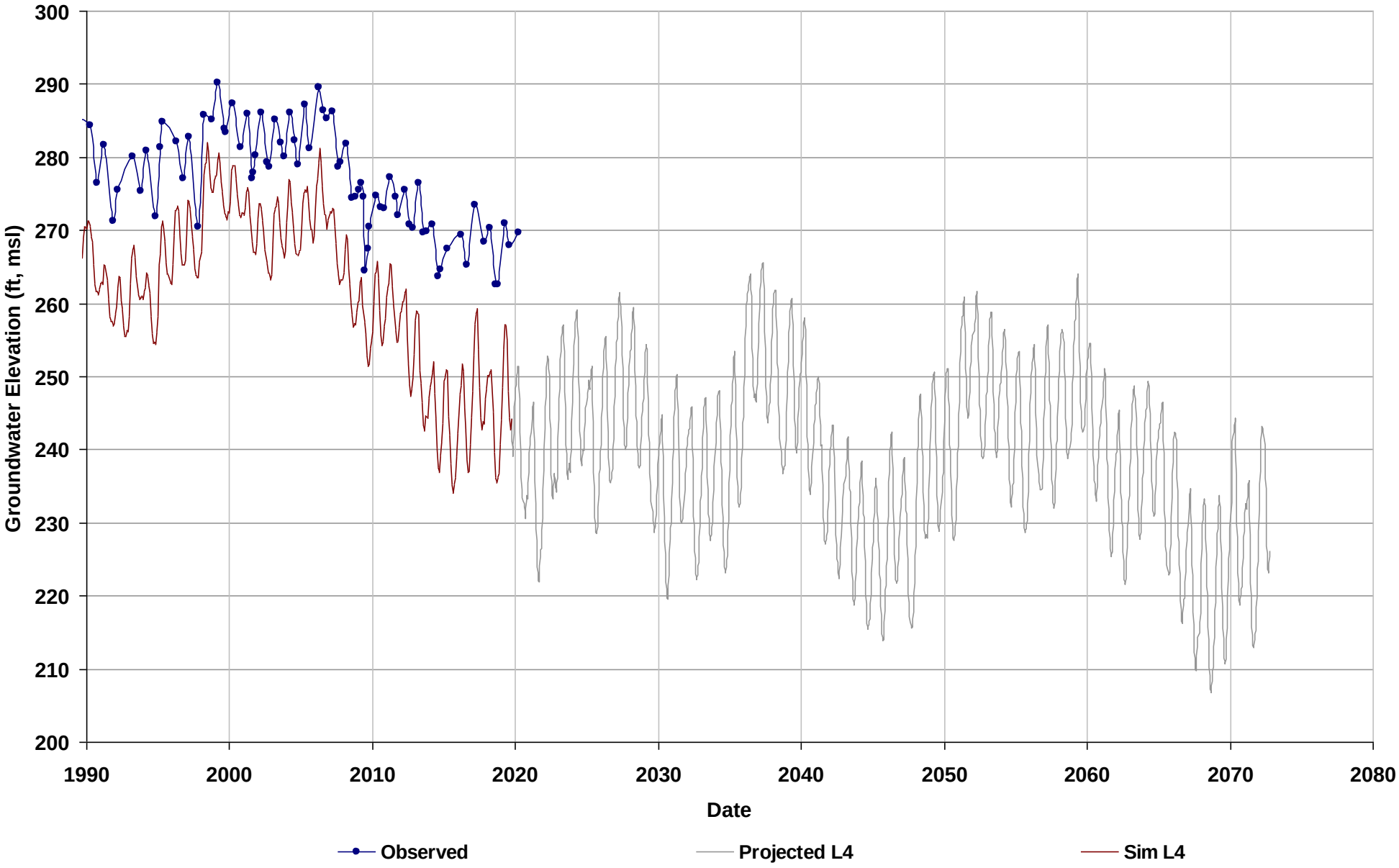
Total Depth (ft): 180
Perf Top (ft): 160
Perf Bottom (ft): 180
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 26N04W25J001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 333

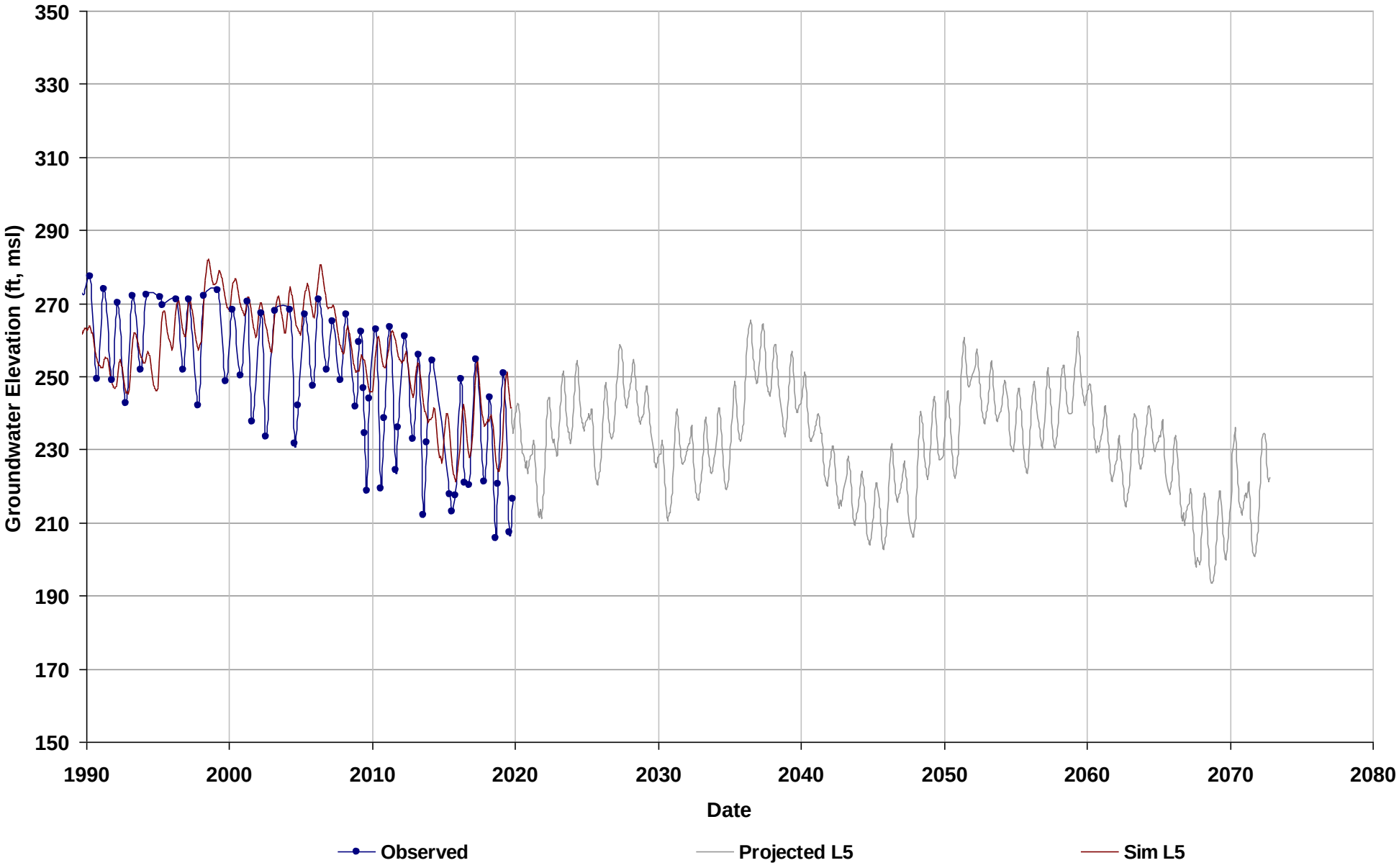
Total Depth (ft): 128
Perf Top (ft): 116
Perf Bottom (ft): 124
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 25N03W19N001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 327

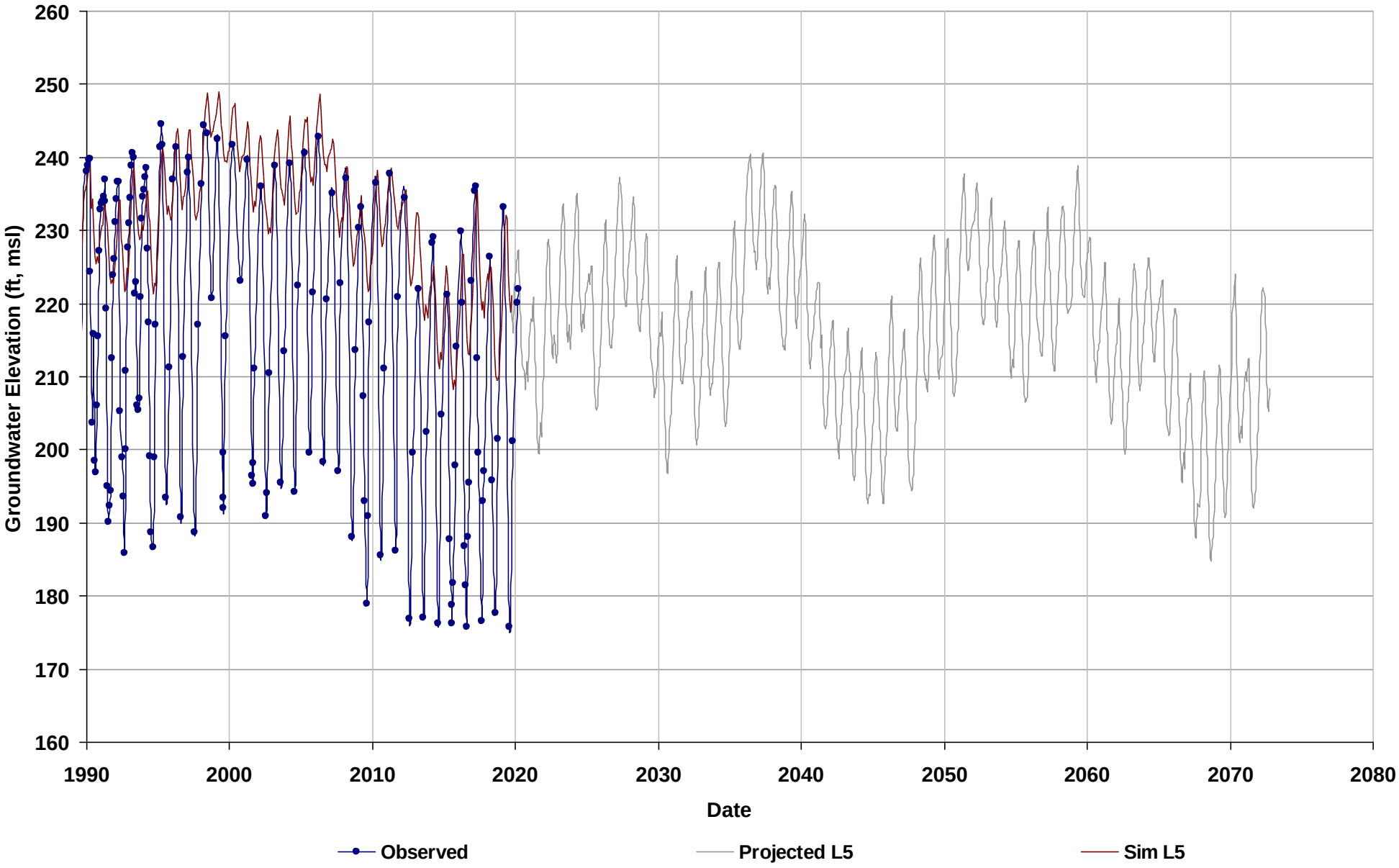
Total Depth (ft): 370
Perf Top (ft): 135
Perf Bottom (ft): 358
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 25N03W10L001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 276

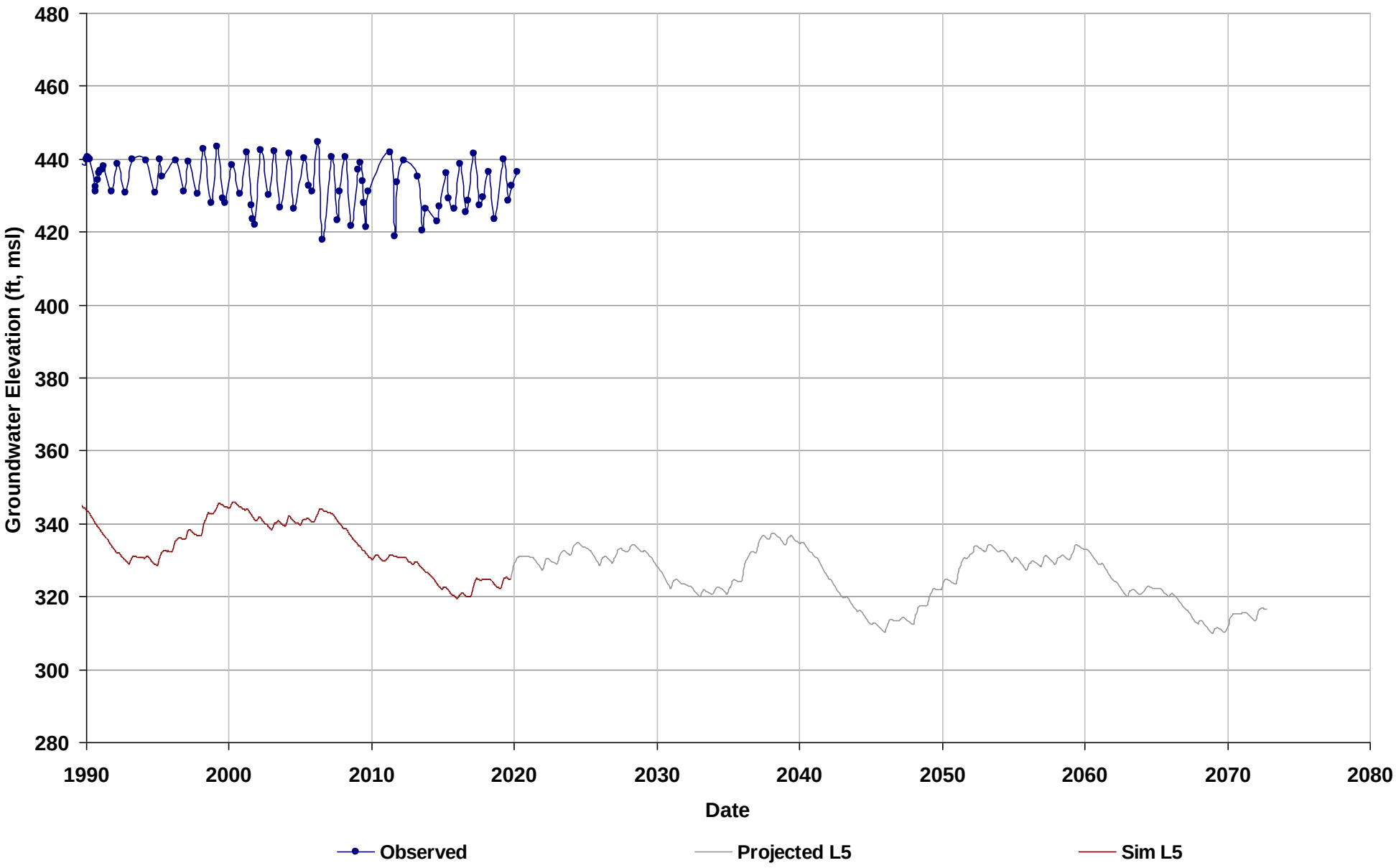
Total Depth (ft): 400
Perf Top (ft): 251
Perf Bottom (ft): 400
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 27N04W05G002M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 482

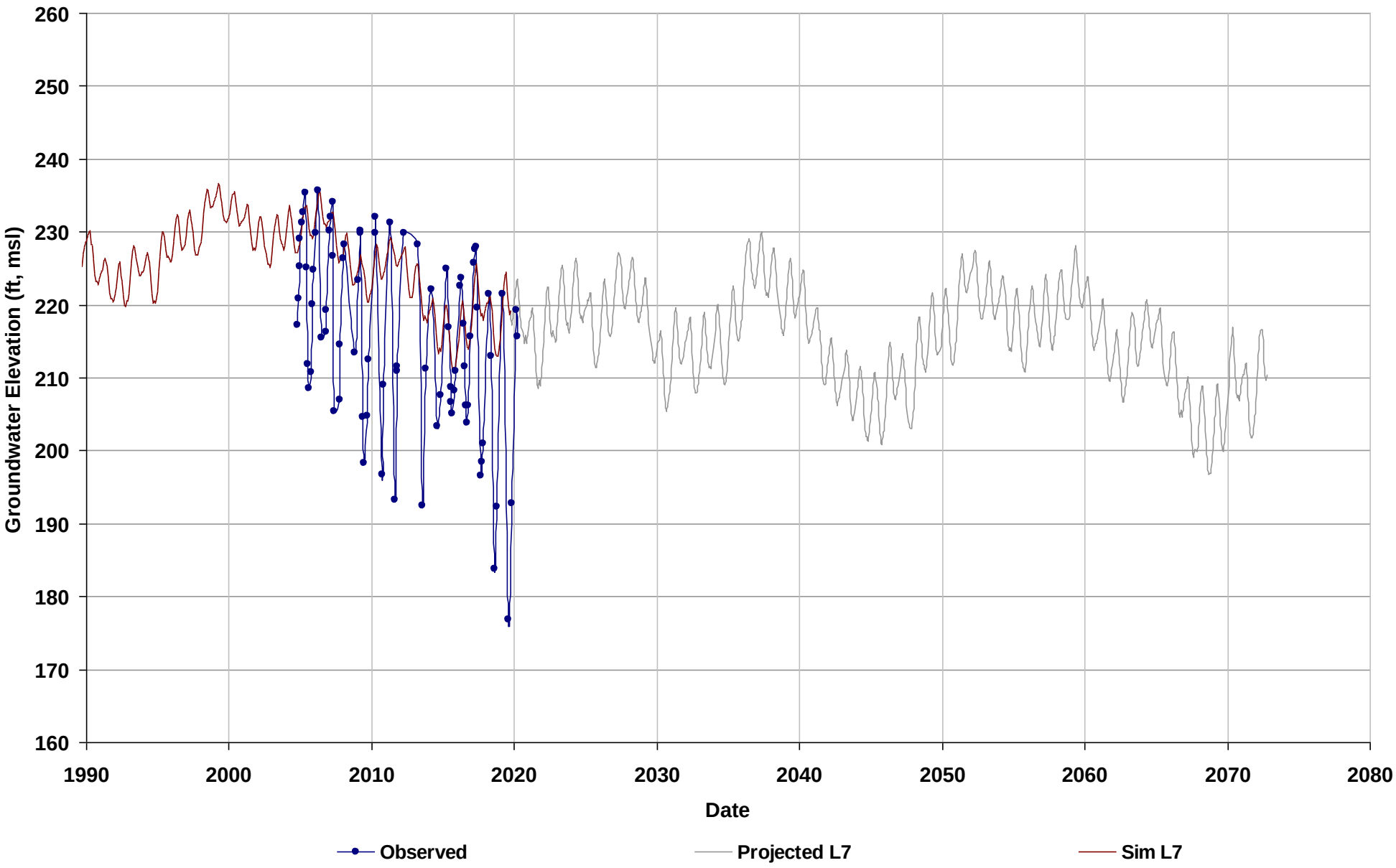
Total Depth (ft): 260
Perf Top (ft): 231
Perf Bottom (ft): 251
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 25N03W11B003M
Depth Zone: Lower
Subbasin: Red Bluff
GSE (ft, msl): 252

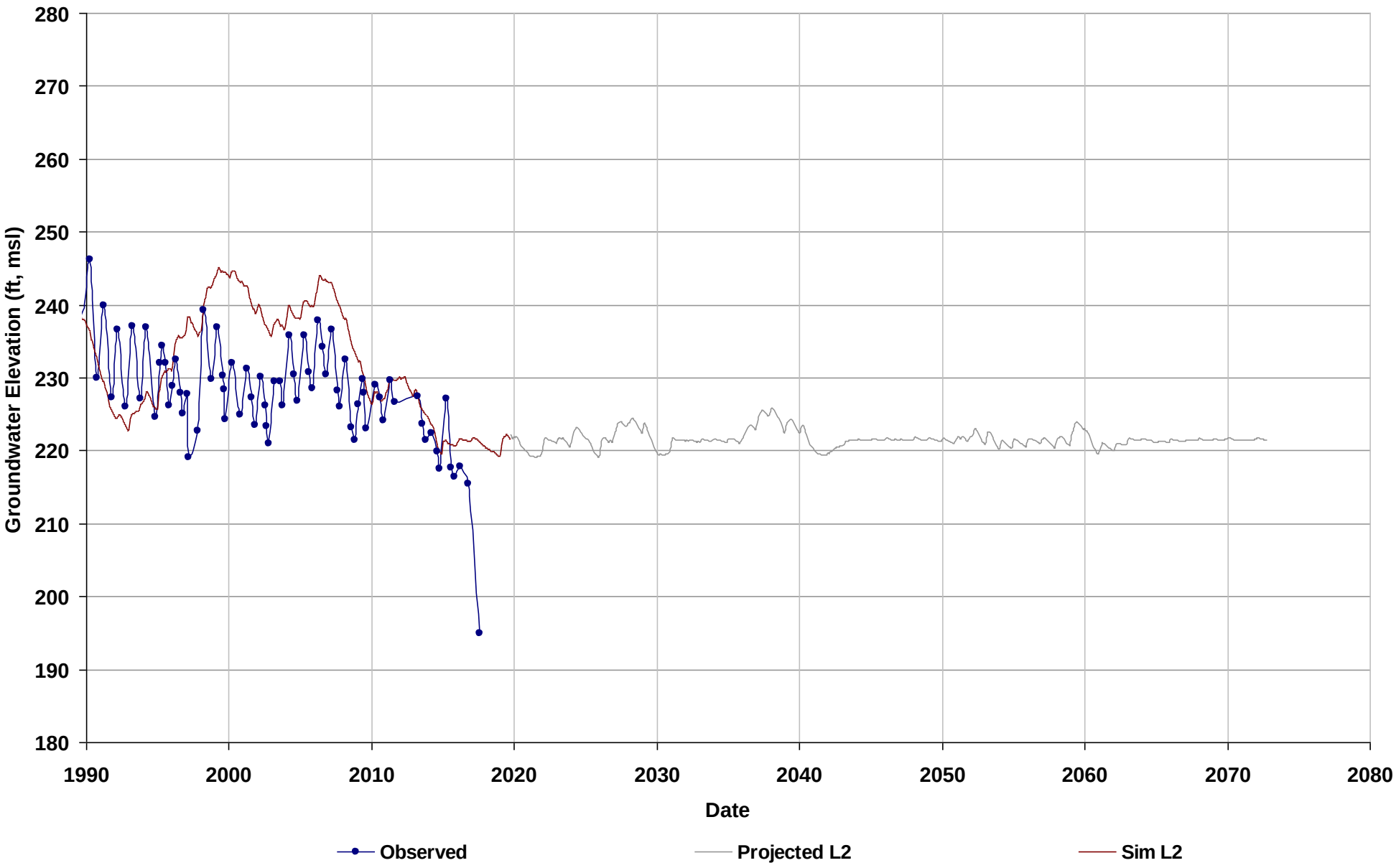
Total Depth (ft): 1000
Perf Top (ft): 940
Perf Bottom (ft): 960
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 23N03W05G001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 279

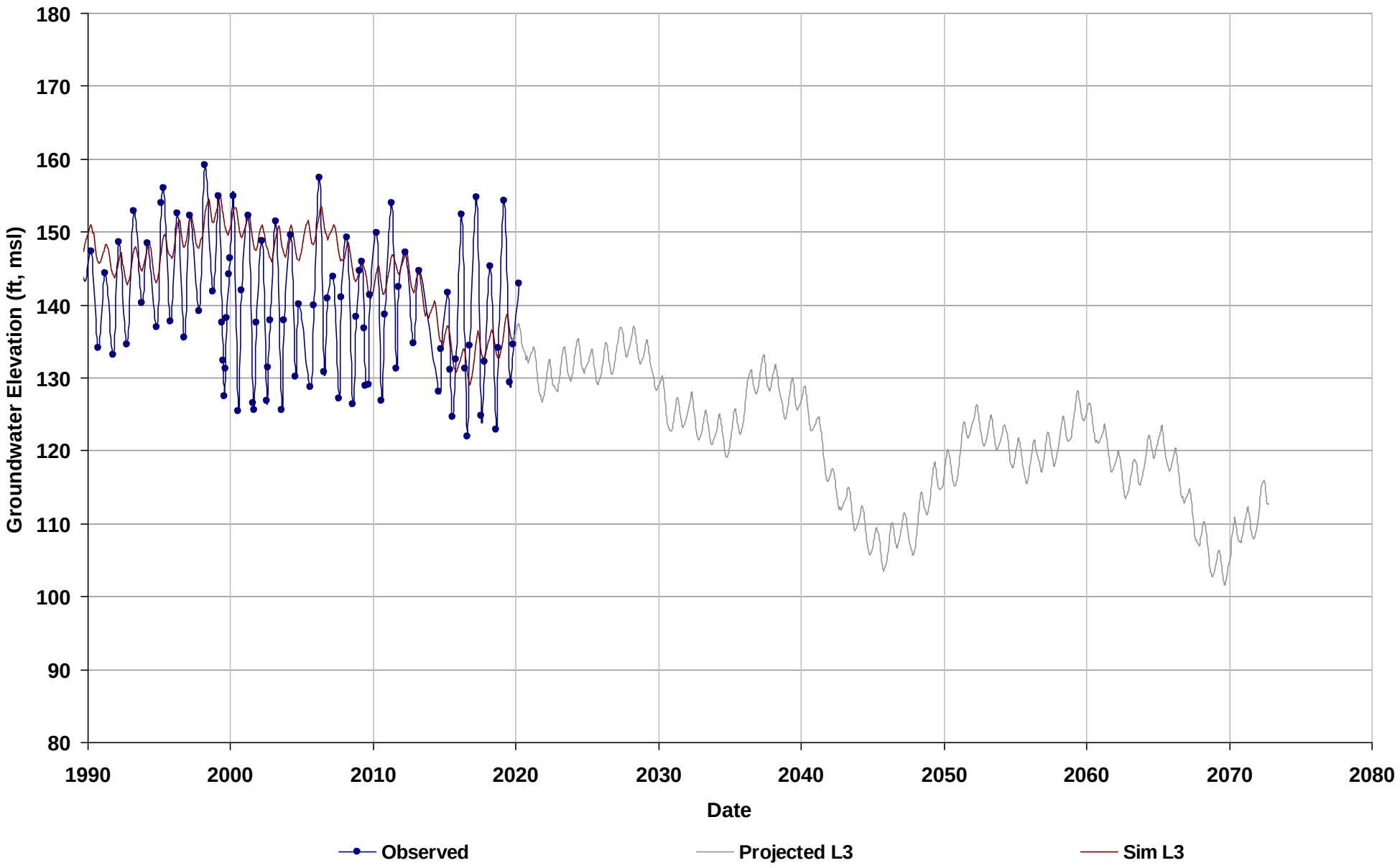
Total Depth (ft): 70
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 23N02W34A001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 172

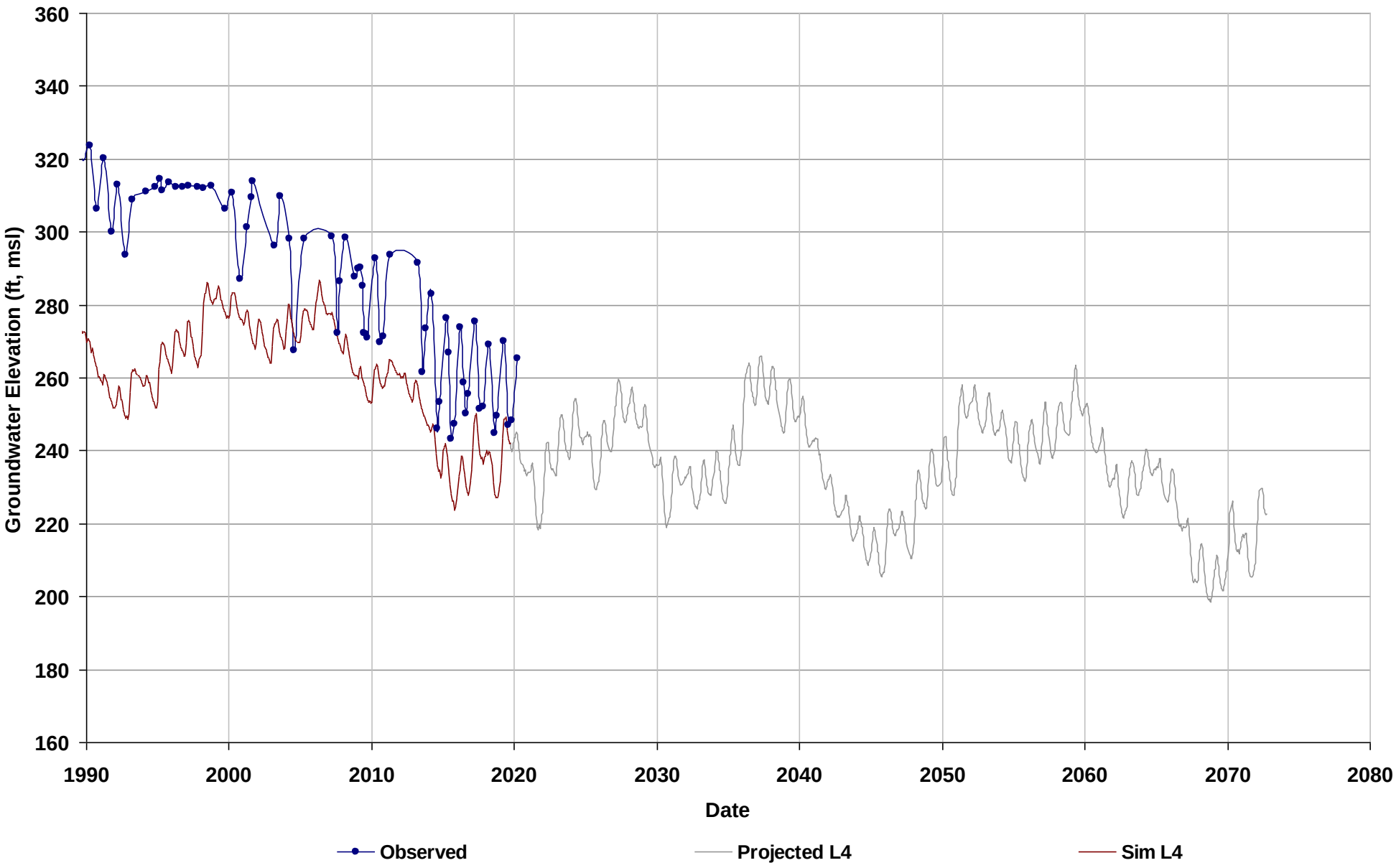
Total Depth (ft): 130
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 24N04W14N002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 375

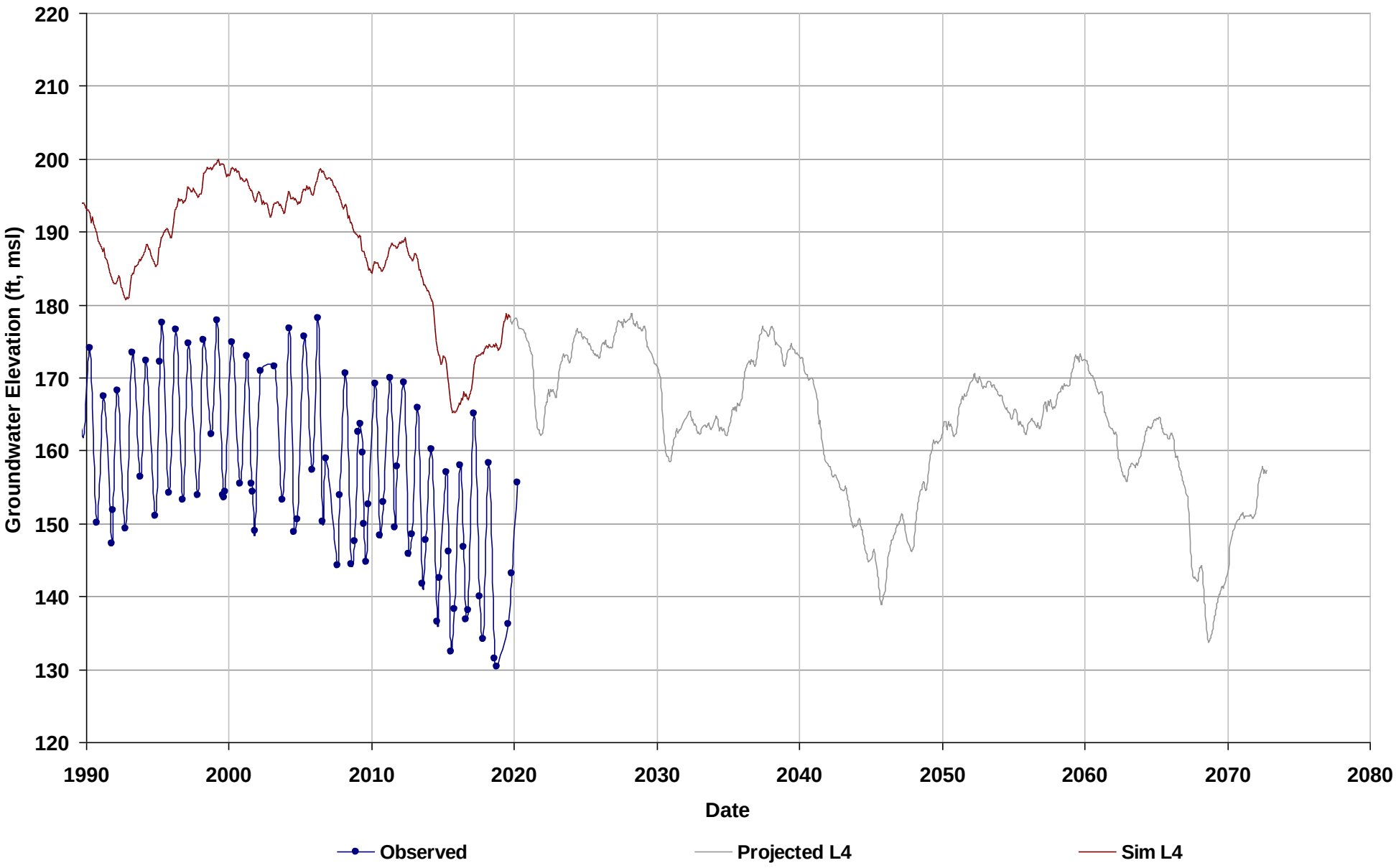
Total Depth (ft): 180
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 23N03W24A002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 207

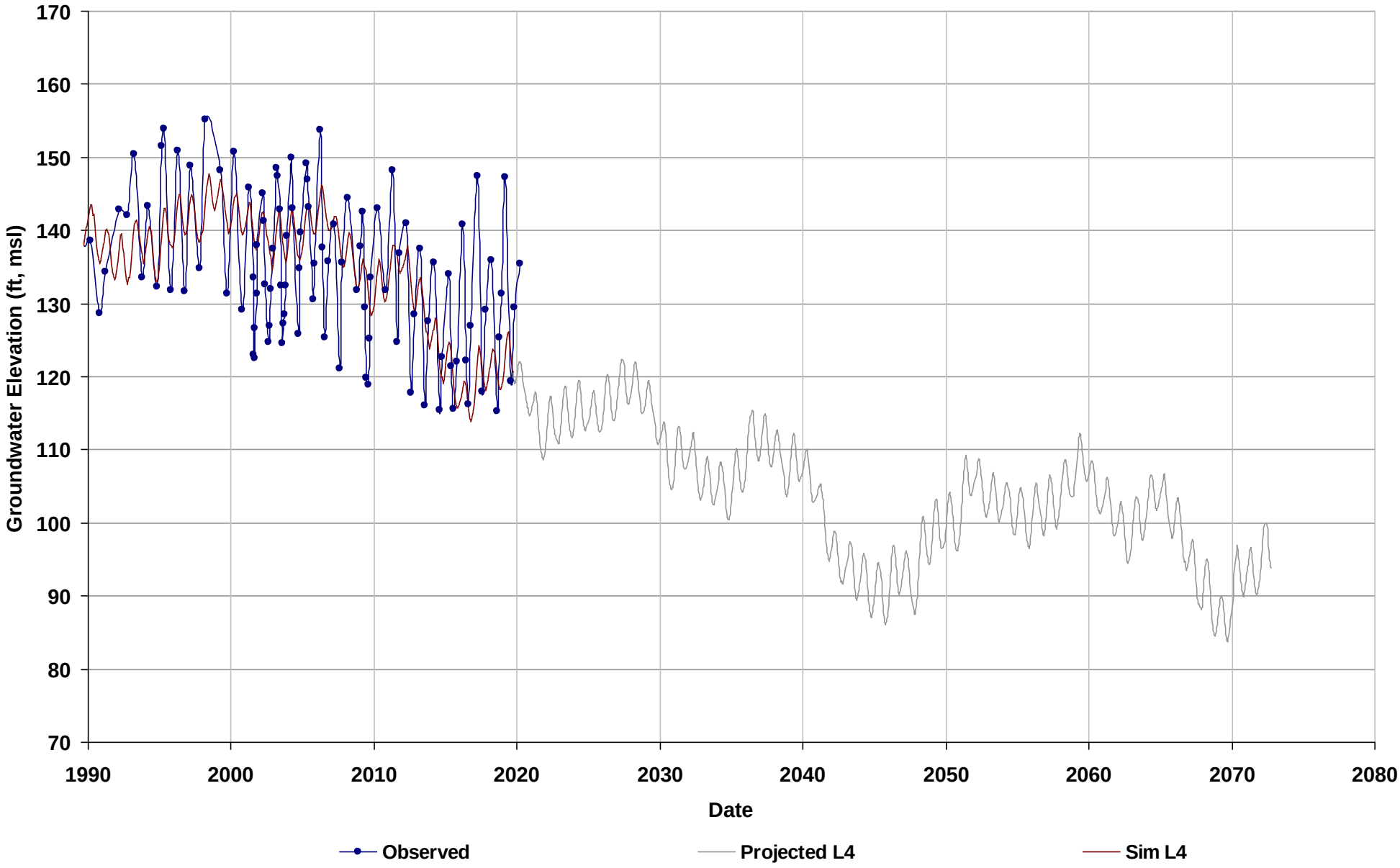
Total Depth (ft): 200
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W11Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 166

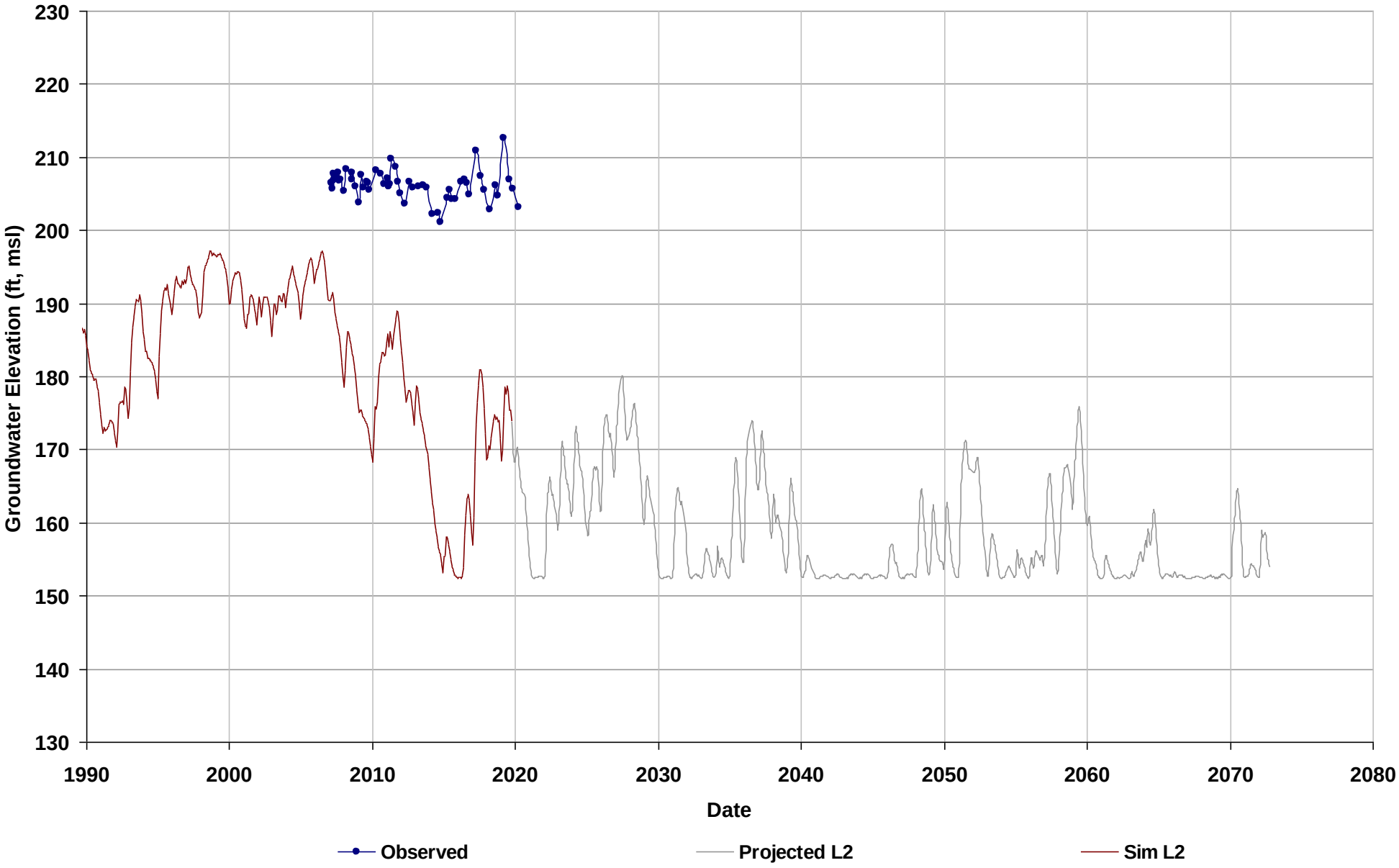
Total Depth (ft):
Perf Top (ft): 12
Perf Bottom (ft): 239
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W18C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

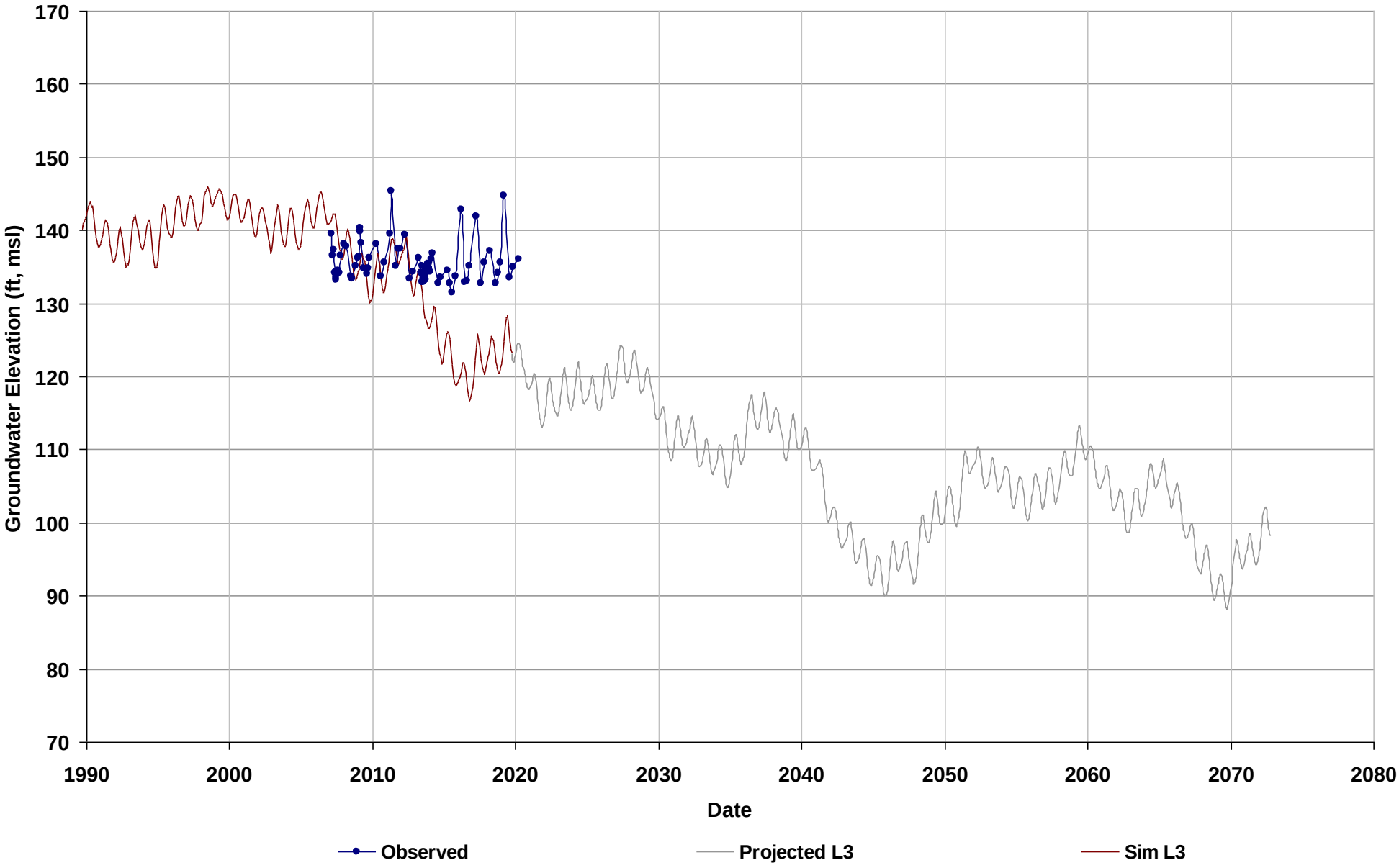
Total Depth (ft): 90
Perf Top (ft): 55
Perf Bottom (ft): 65
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W01N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

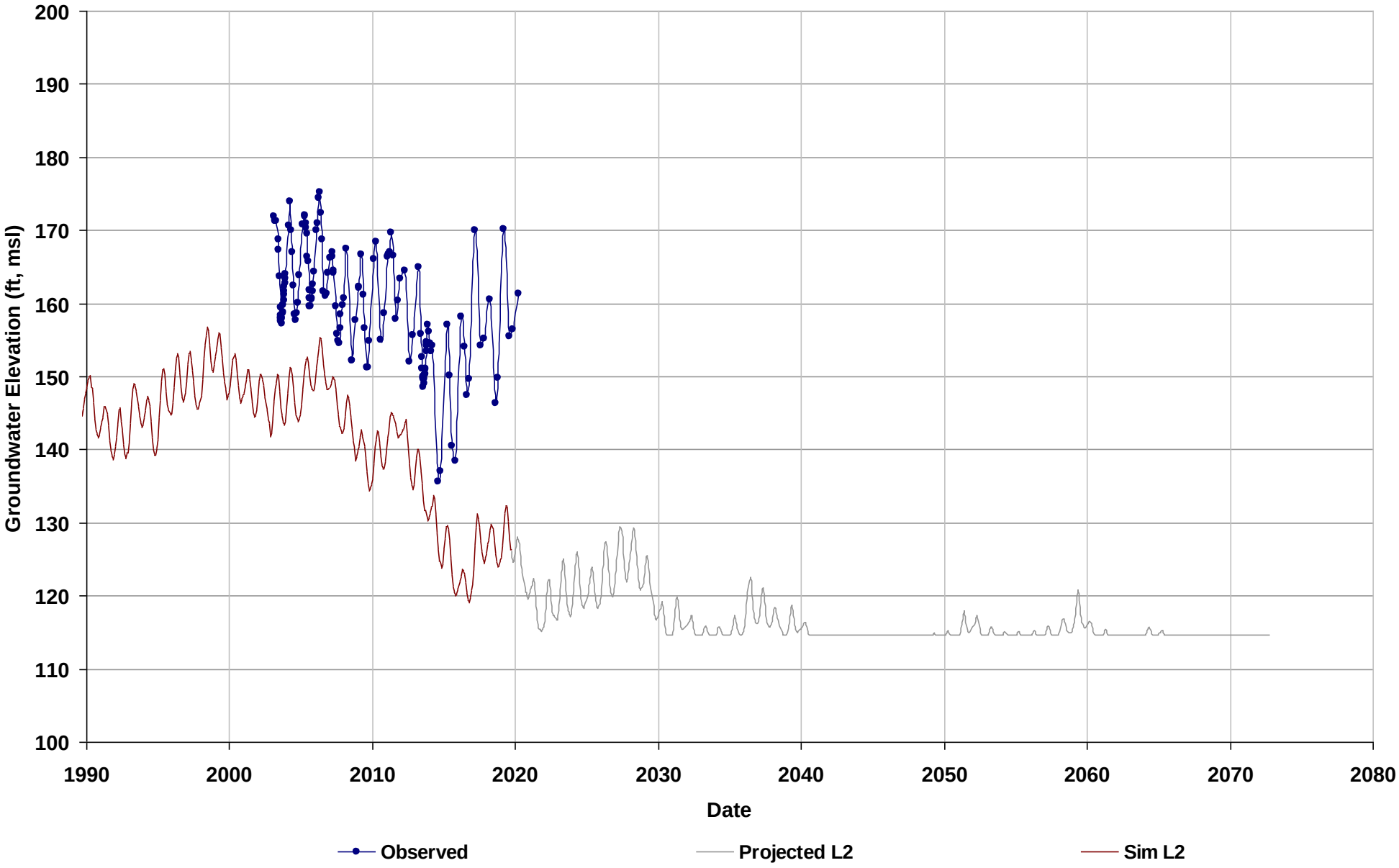
Total Depth (ft): 108
Perf Top (ft): 70
Perf Bottom (ft): 80
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W15C005M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

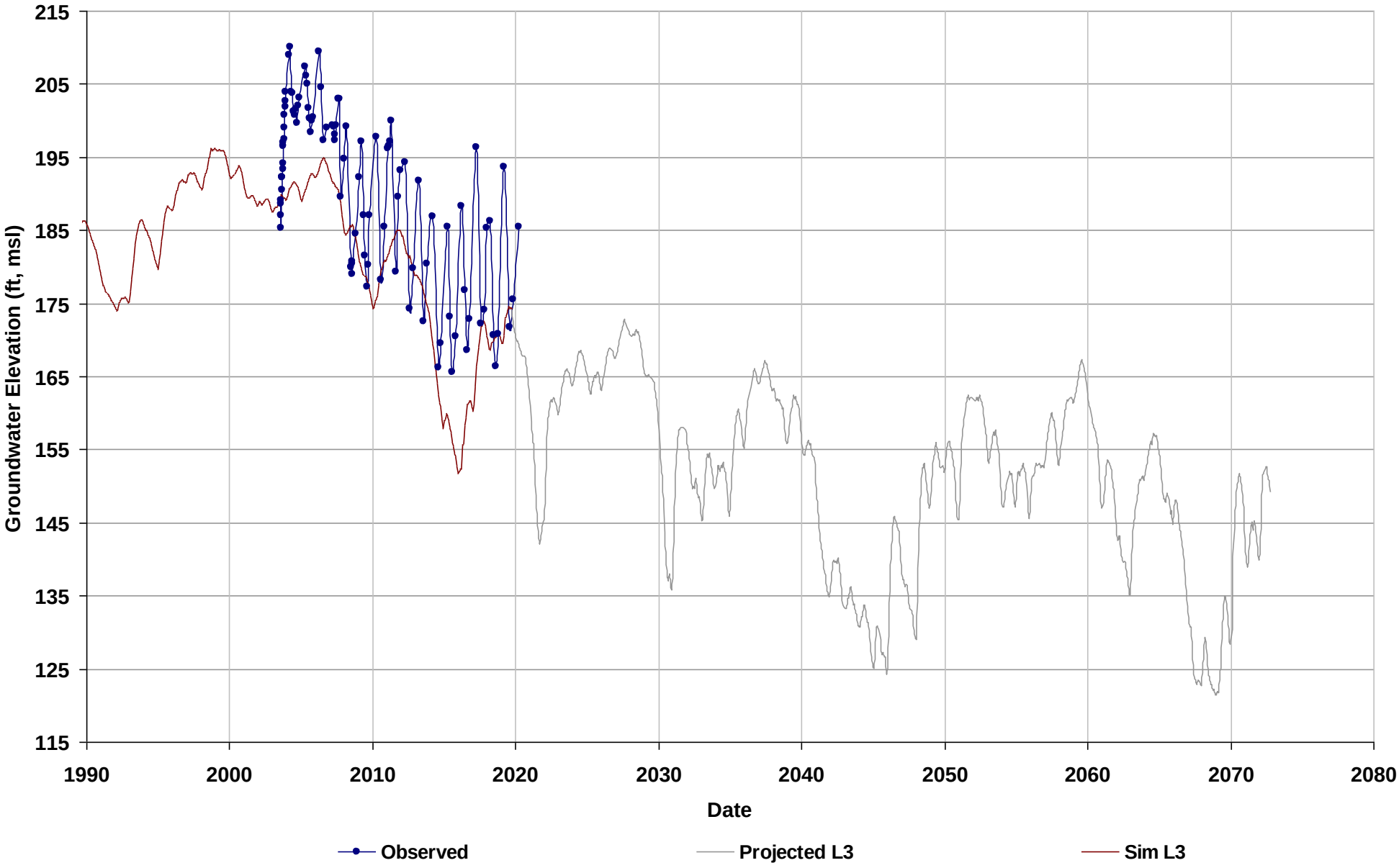
Total Depth (ft): 100
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N03W01R003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

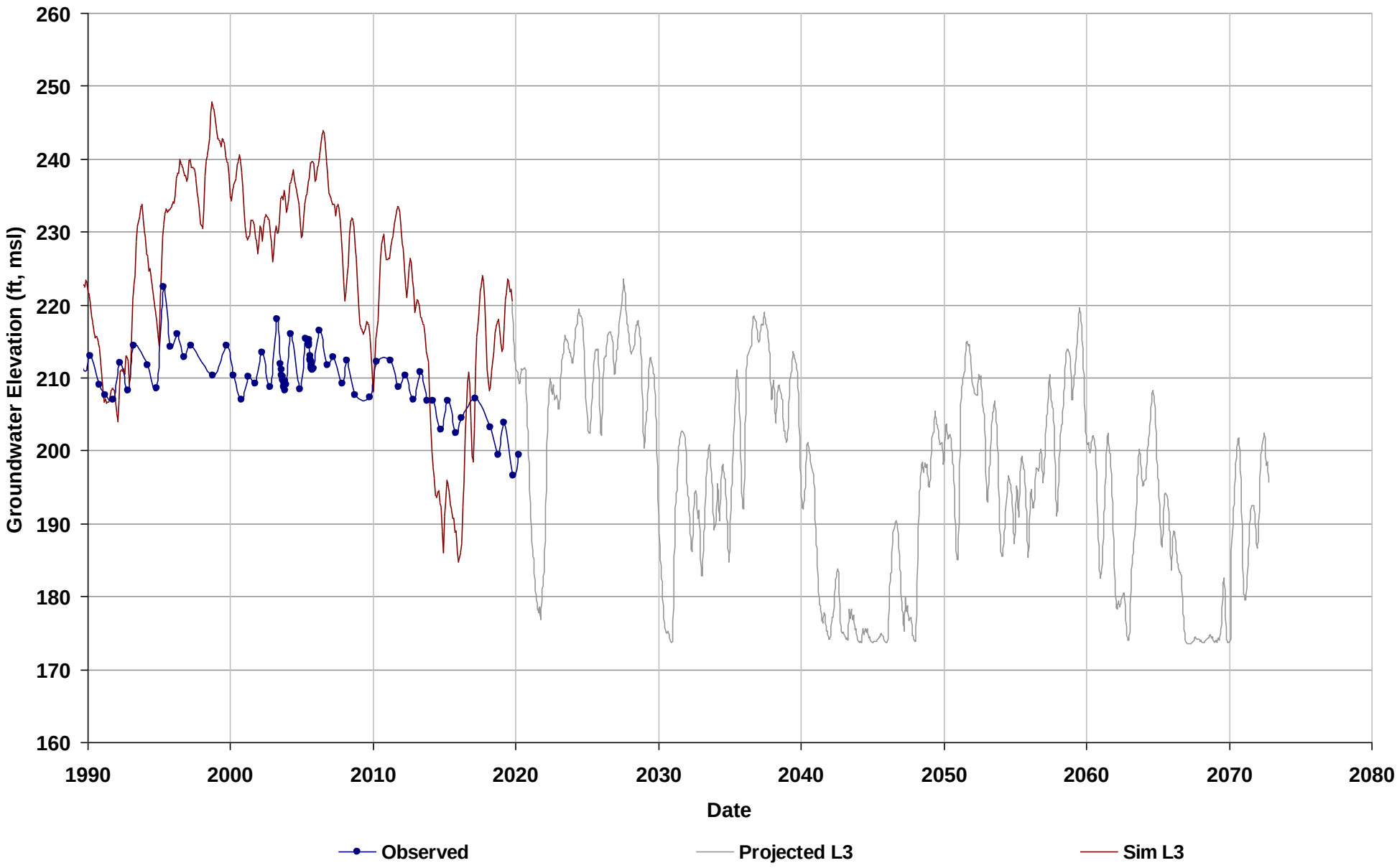
Total Depth (ft): 103
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N03W04E001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 285

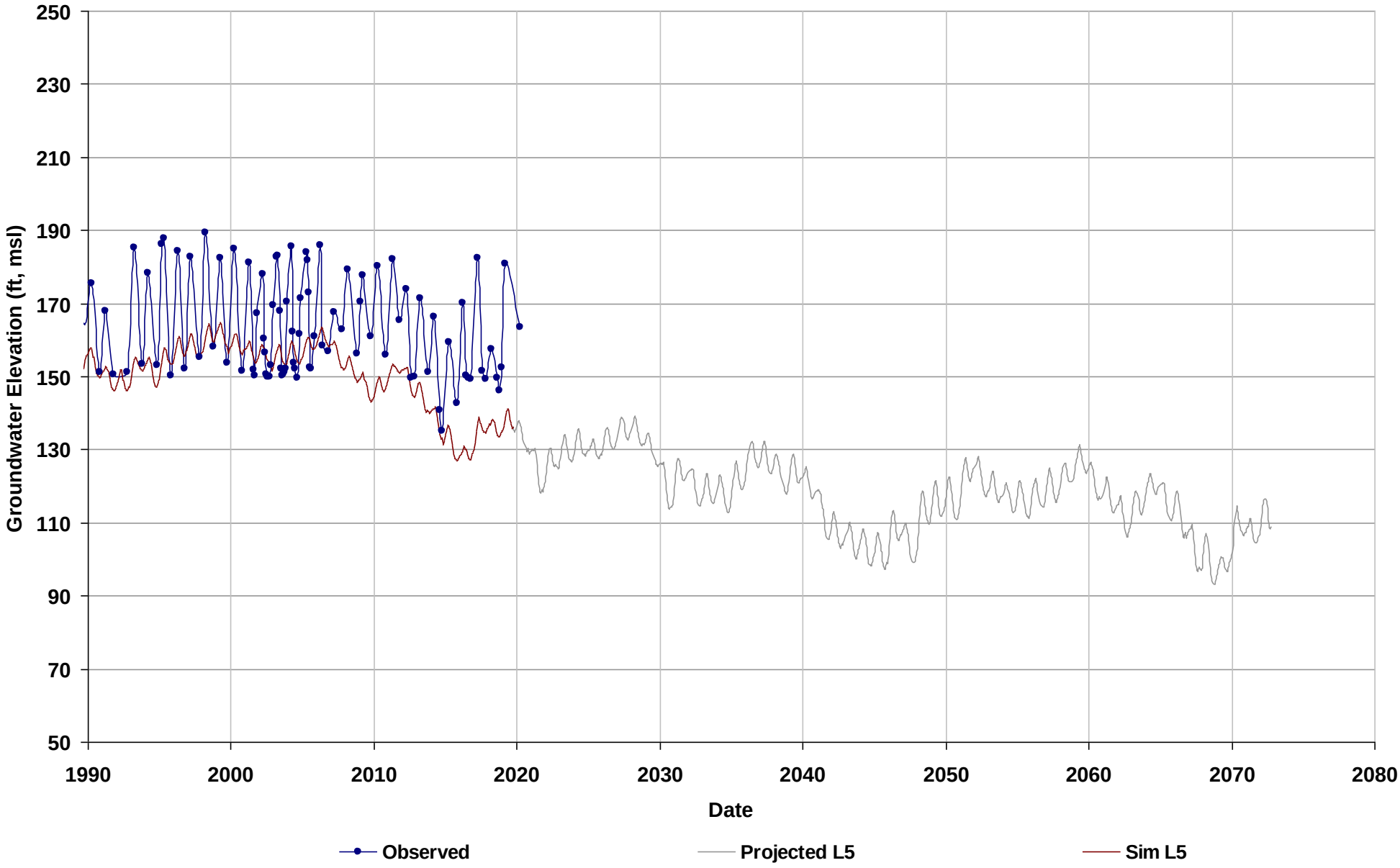
Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 180
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W09L003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 197

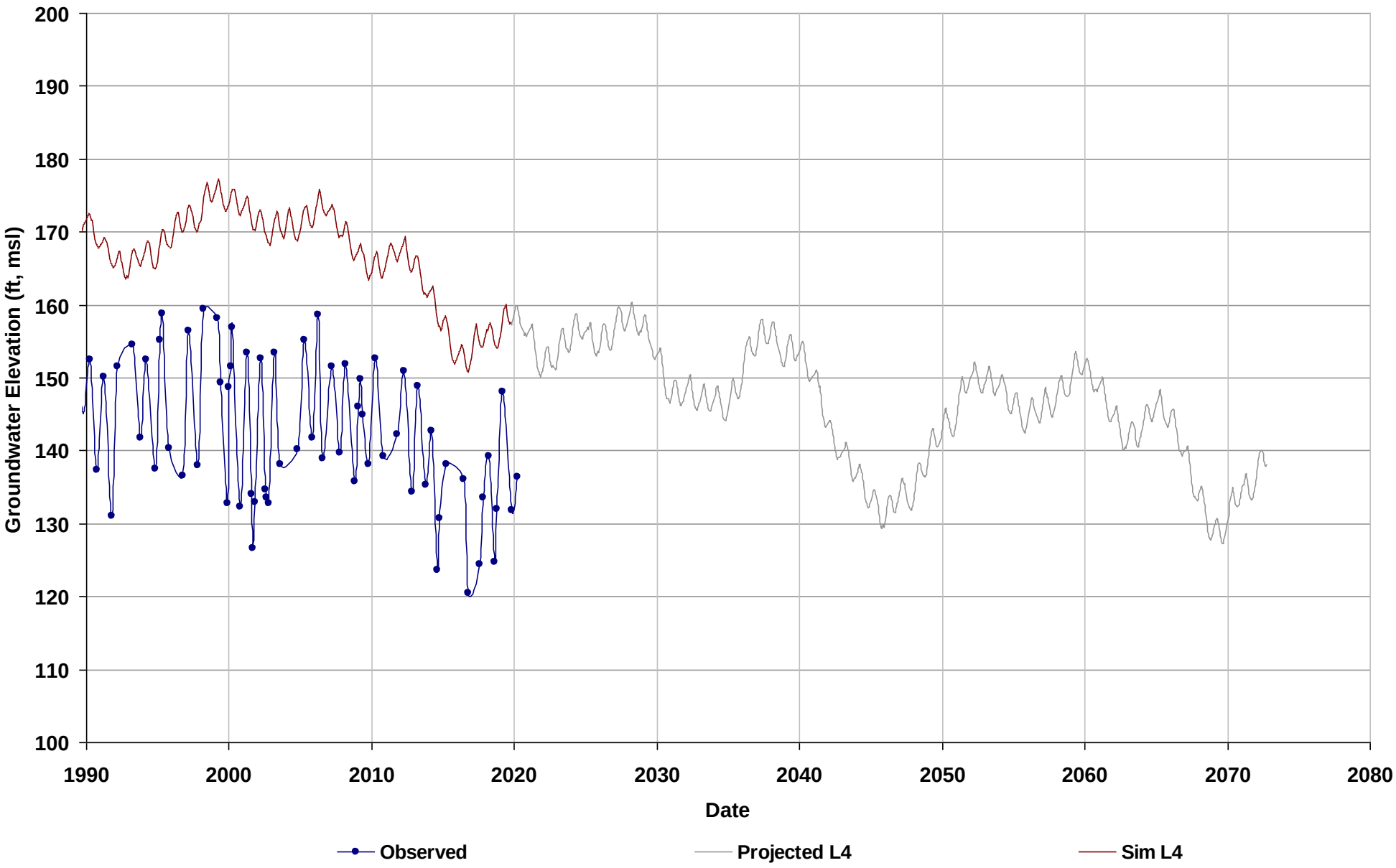
Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 536
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 23N02W16B001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 184

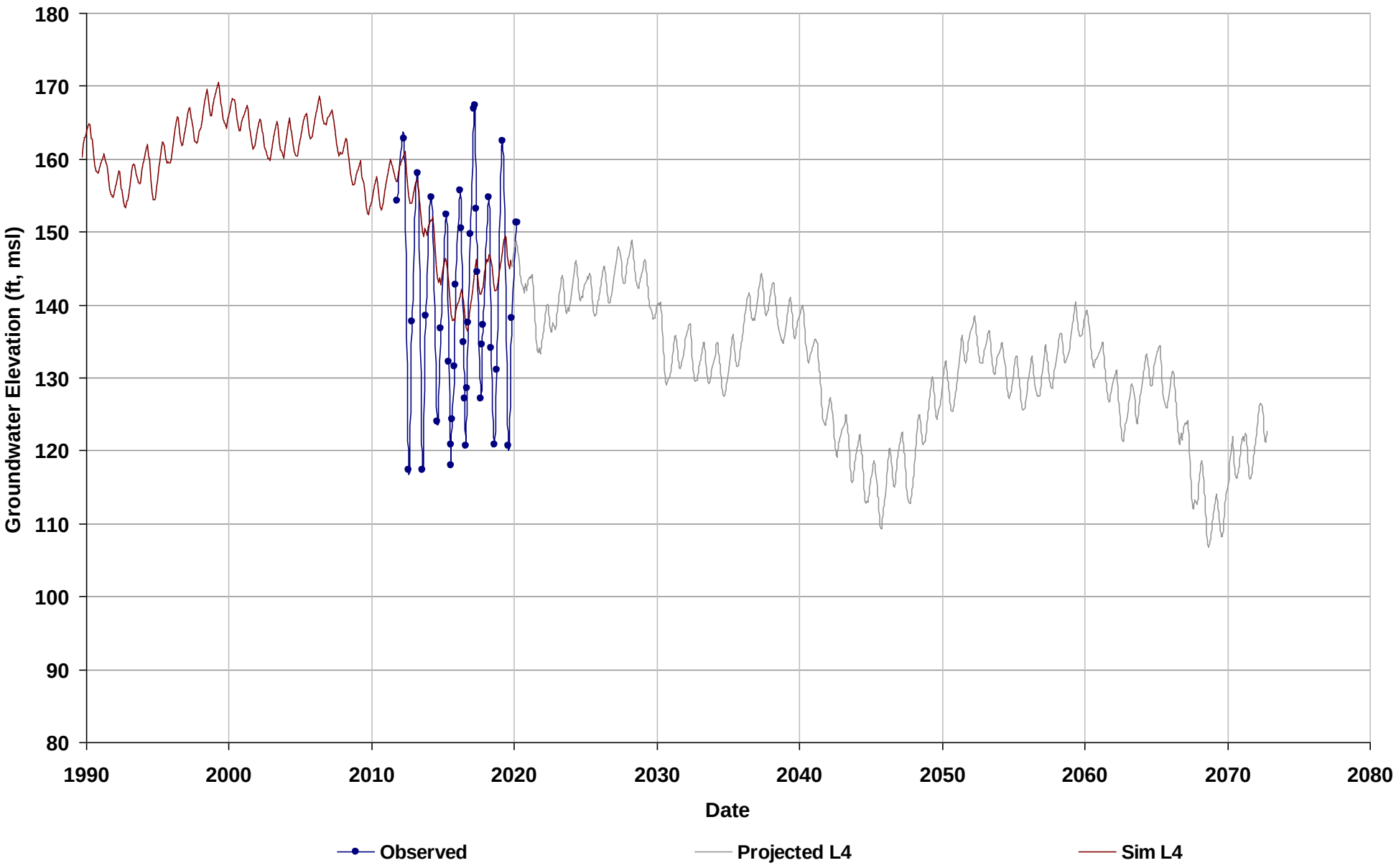
Total Depth (ft): 120
Perf Top (ft): 100
Perf Bottom (ft): 120
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 23N02W28N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 202

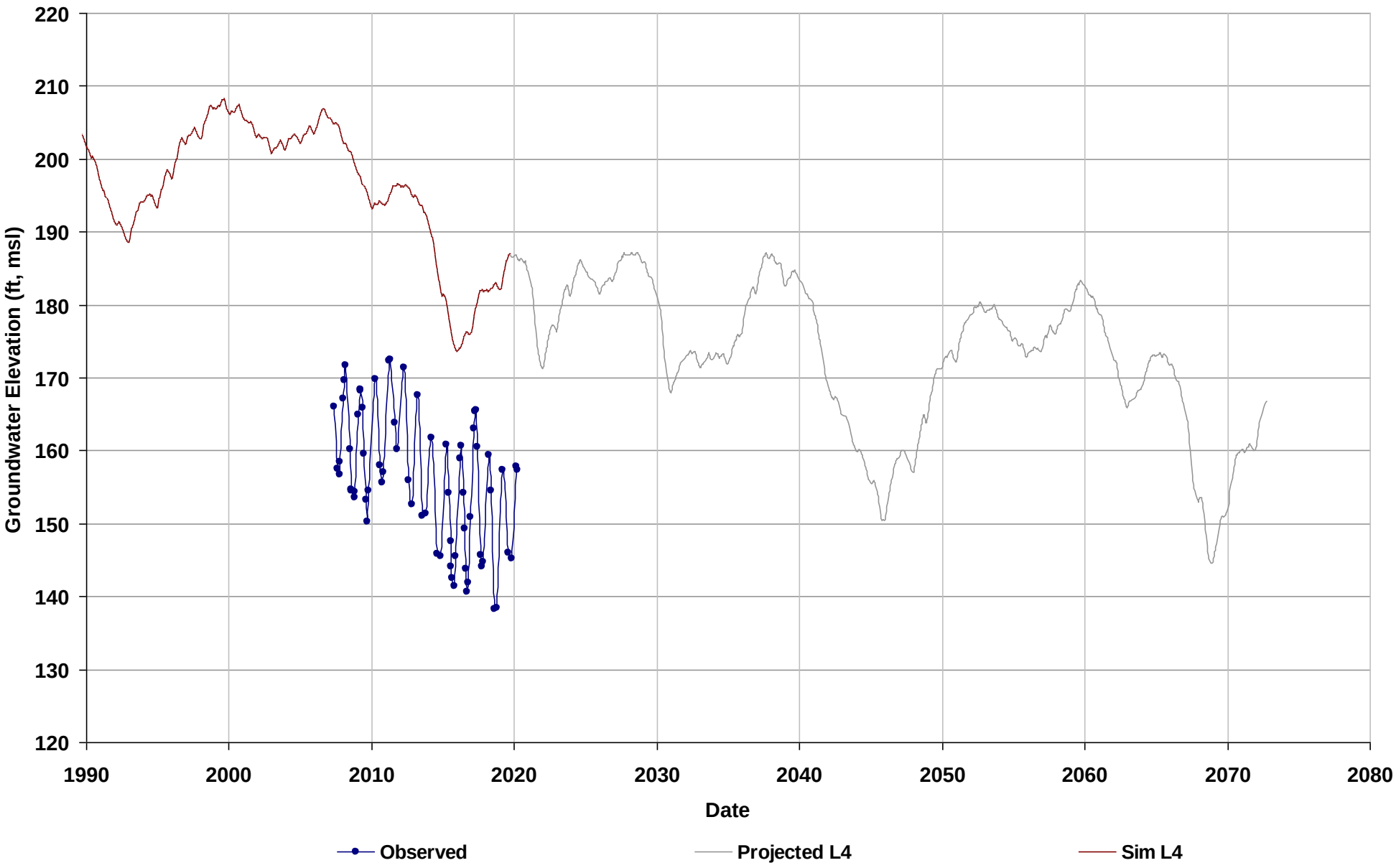
Total Depth (ft): 205
Perf Top (ft): 100
Perf Bottom (ft): 170
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 23N03W13C006M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 213

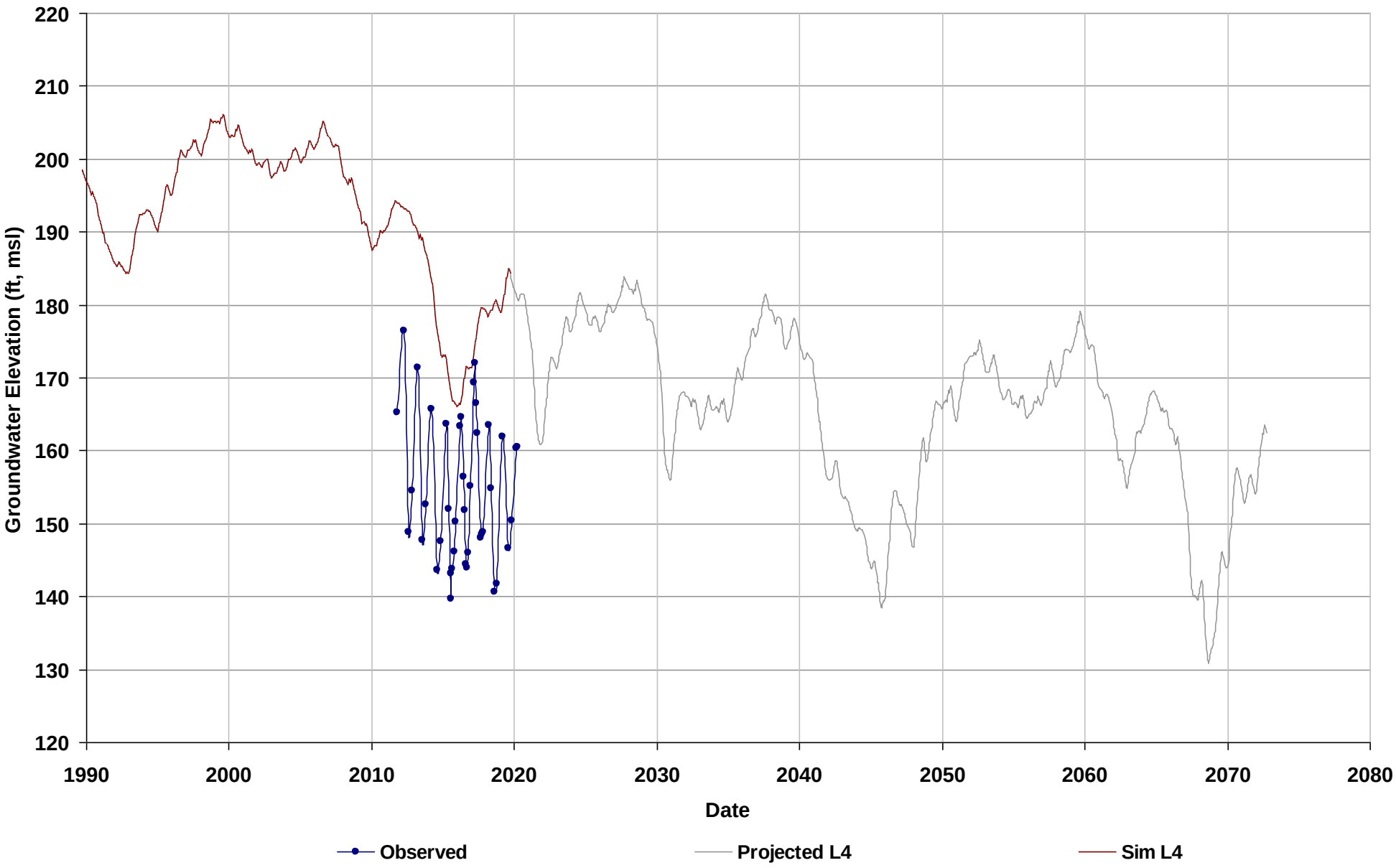
Total Depth (ft): 182
Perf Top (ft): 95
Perf Bottom (ft): 135
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 23N03W25M004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 235

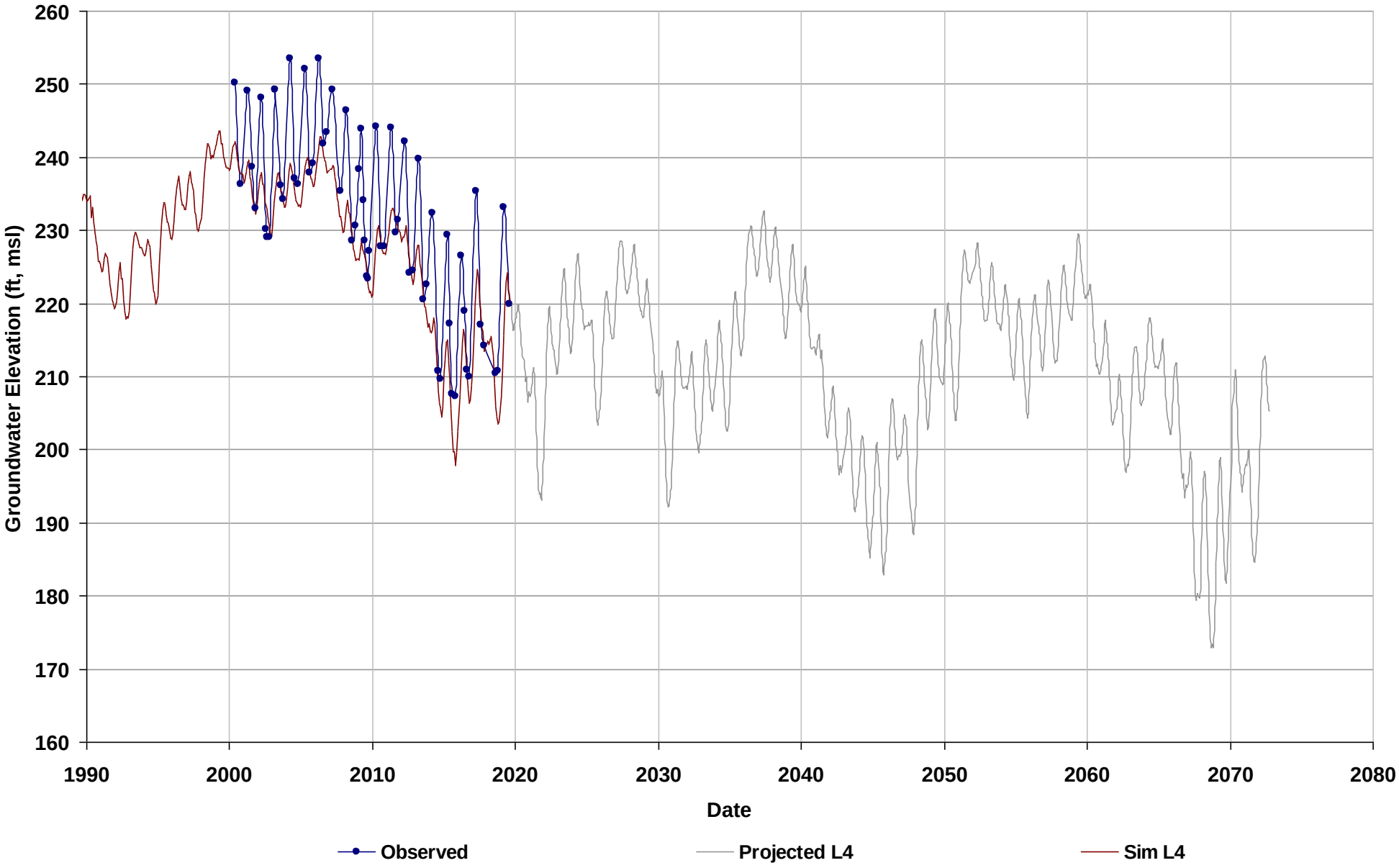
Total Depth (ft): 155
Perf Top (ft): 120
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 24N03W03R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 278

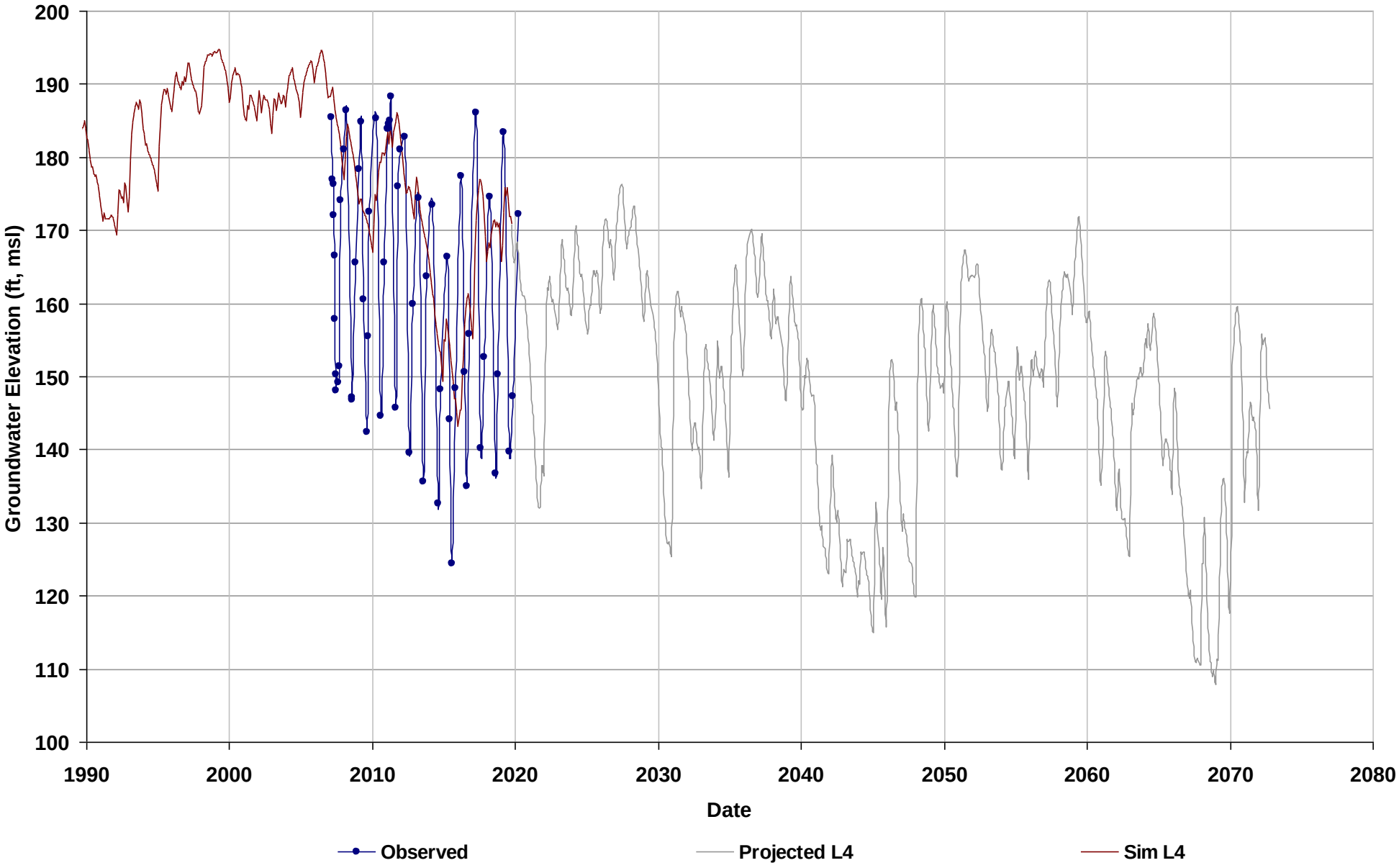
Total Depth (ft): 132
Perf Top (ft): 112
Perf Bottom (ft): 132
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W18C003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

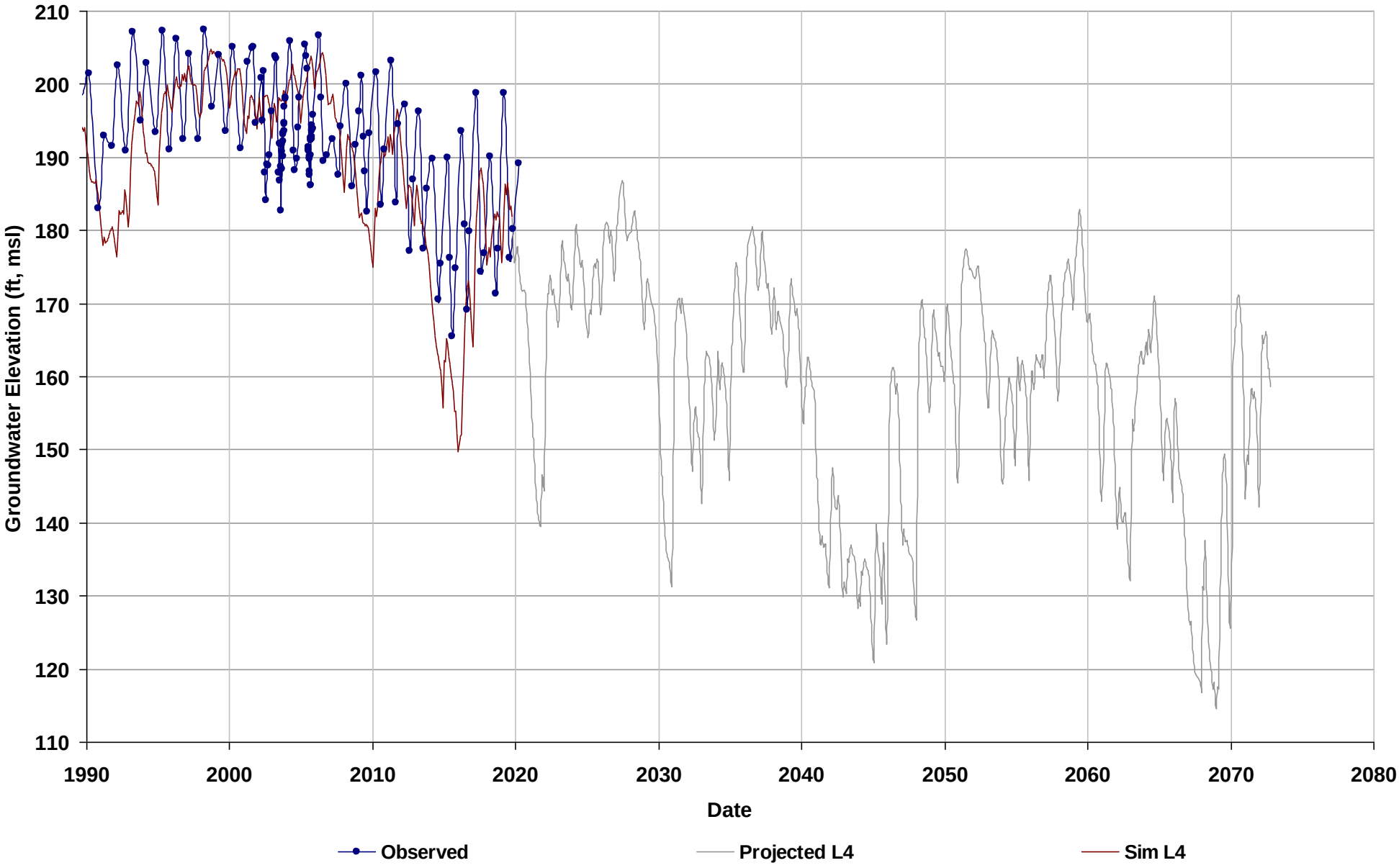
Total Depth (ft): 188
Perf Top (ft): 165
Perf Bottom (ft): 175
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N03W12Q003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 232

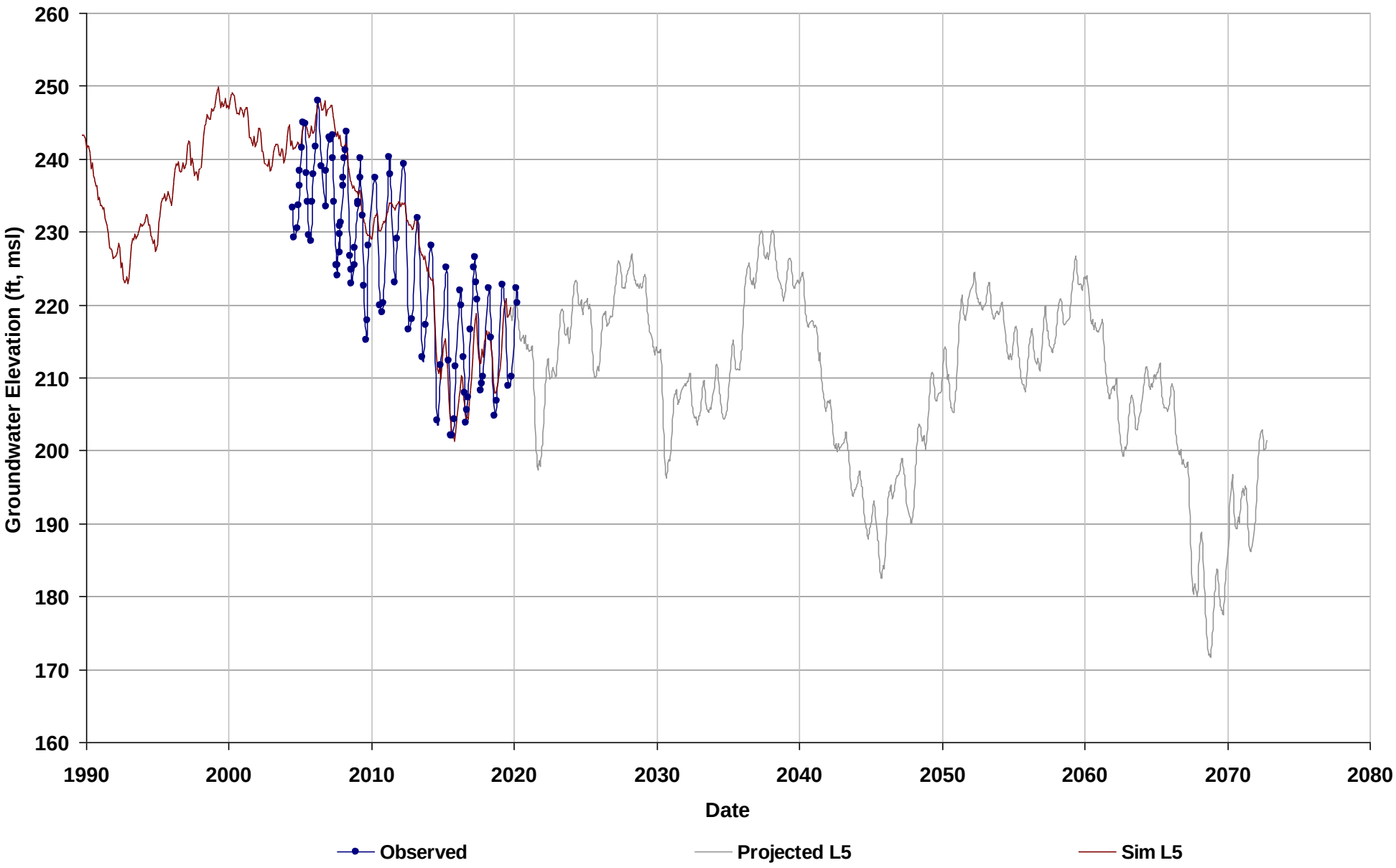
Total Depth (ft):
Perf Top (ft): 112
Perf Bottom (ft): 123
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 24N03W29Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 314

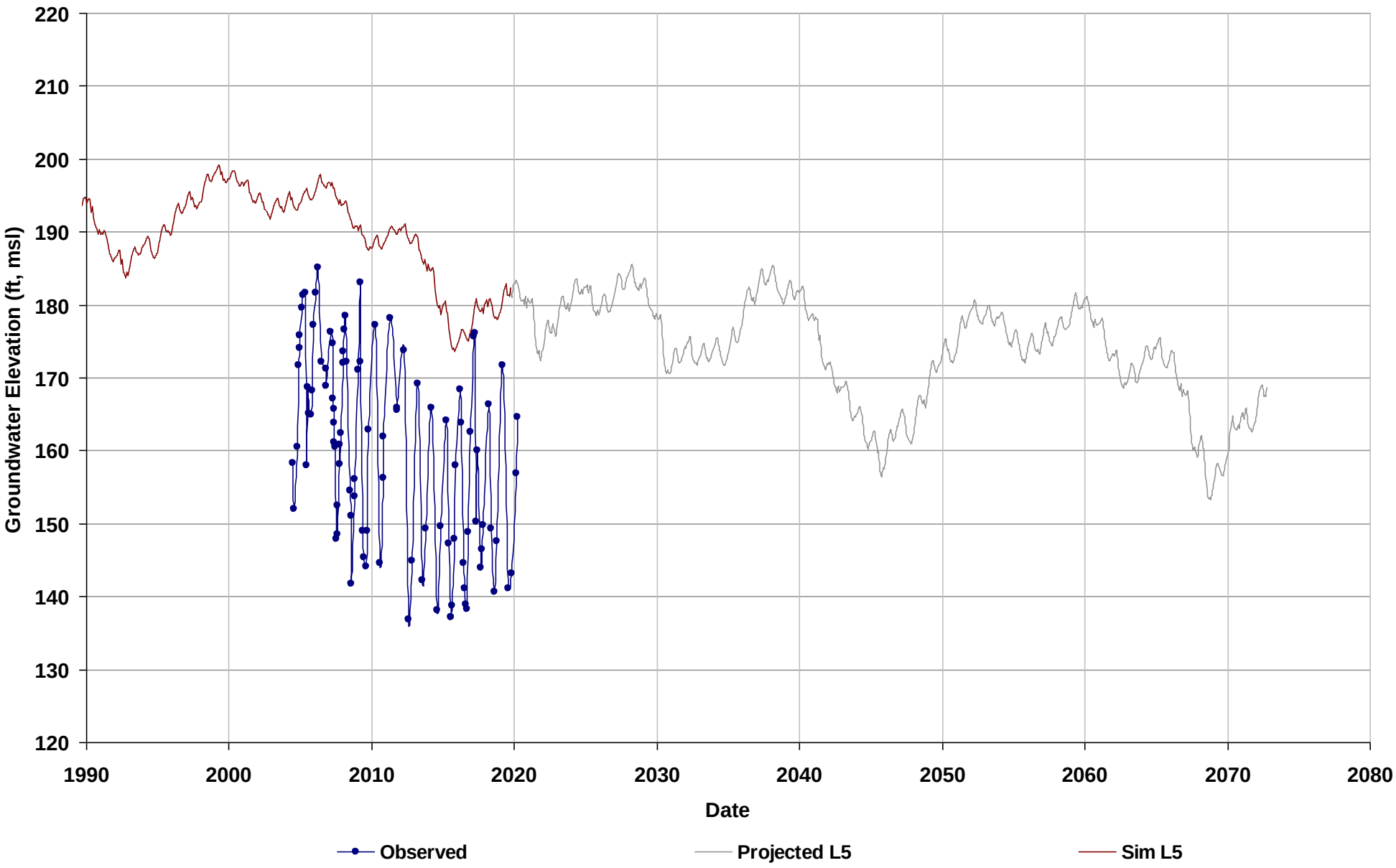
Total Depth (ft): 372
Perf Top (ft): 130
Perf Bottom (ft): 360
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 24N02W29N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 212

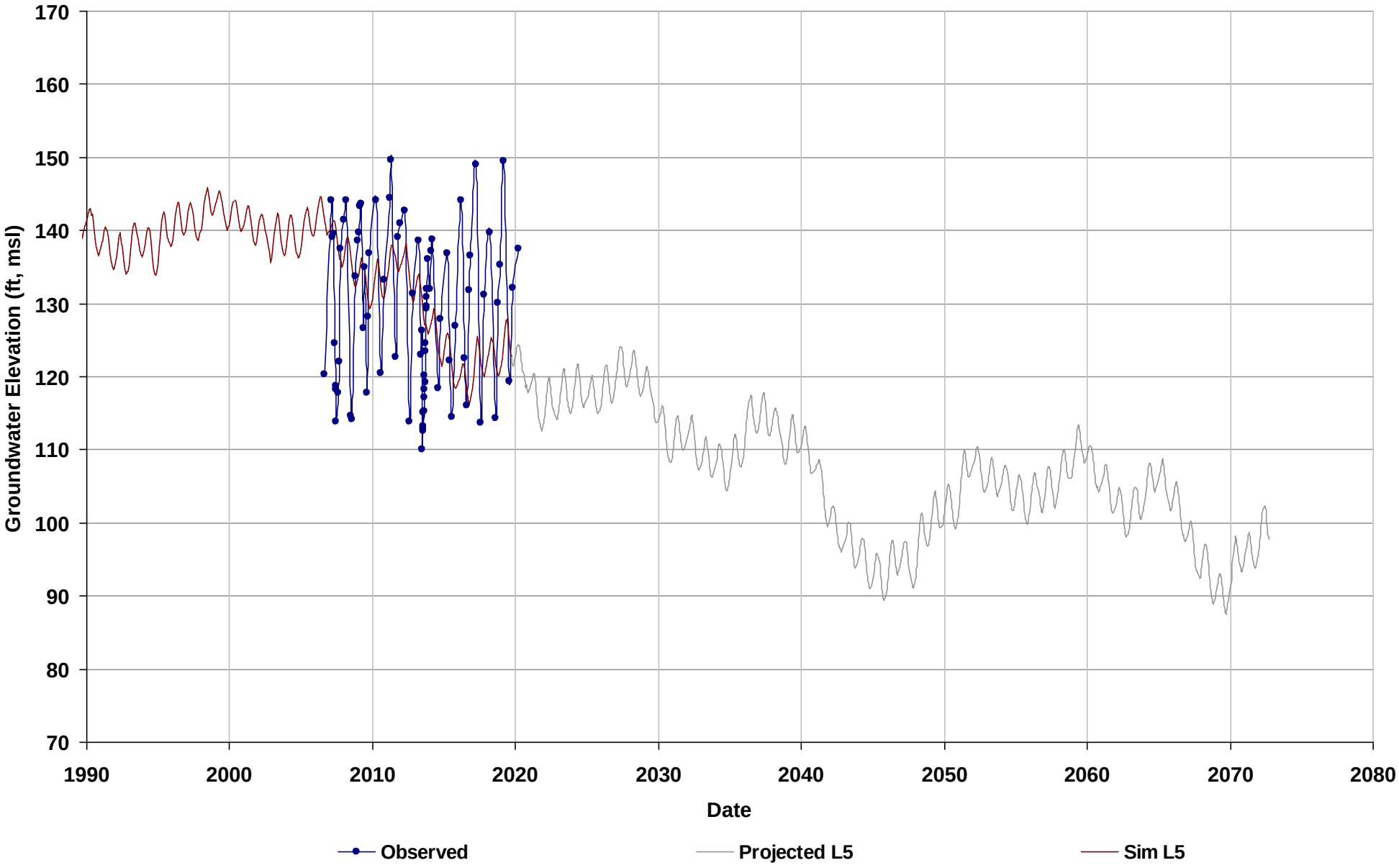
Total Depth (ft): 388
Perf Top (ft): 200
Perf Bottom (ft): 290
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W01N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

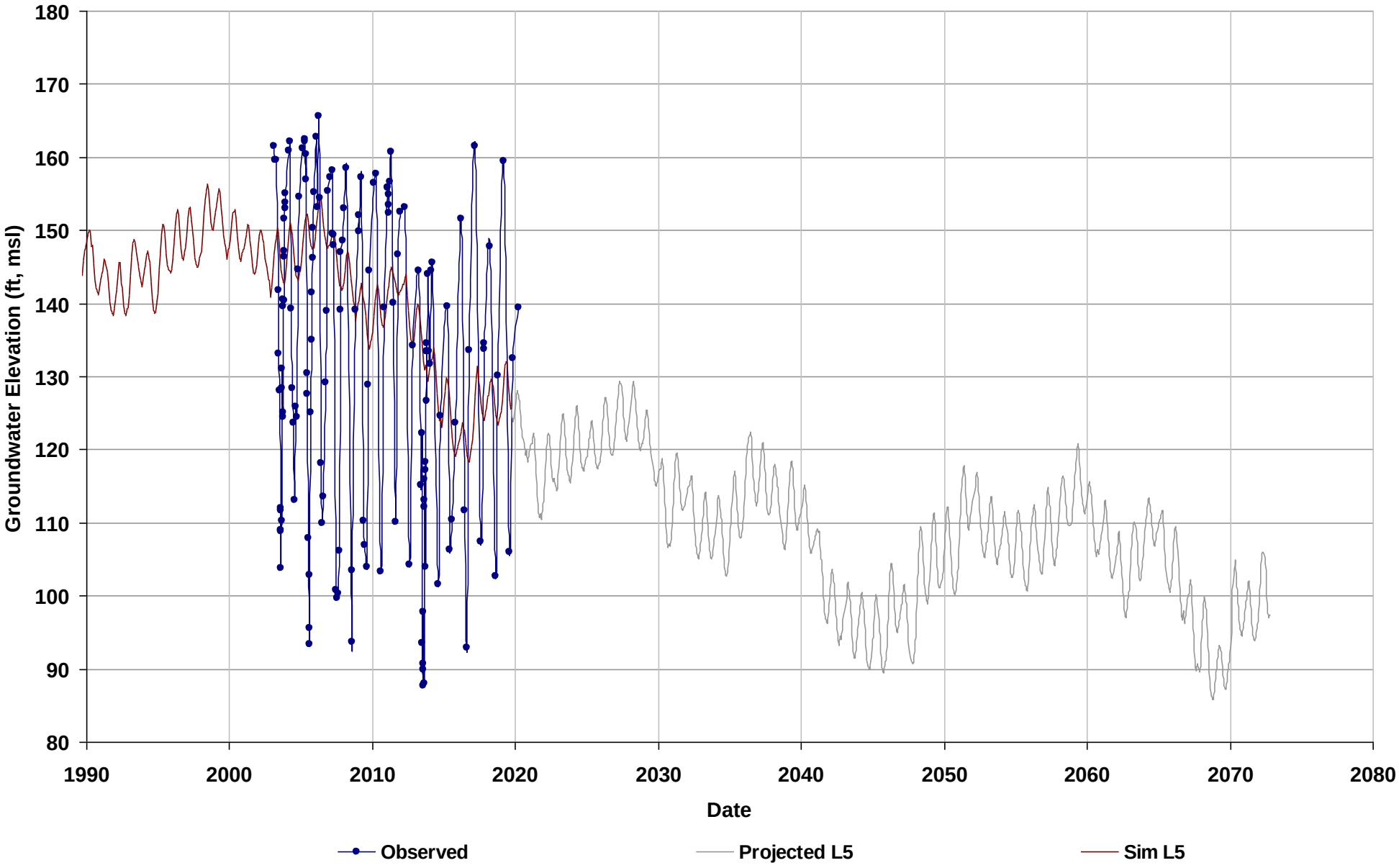
Total Depth (ft): 440
Perf Top (ft): 210
Perf Bottom (ft): 370
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W15C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

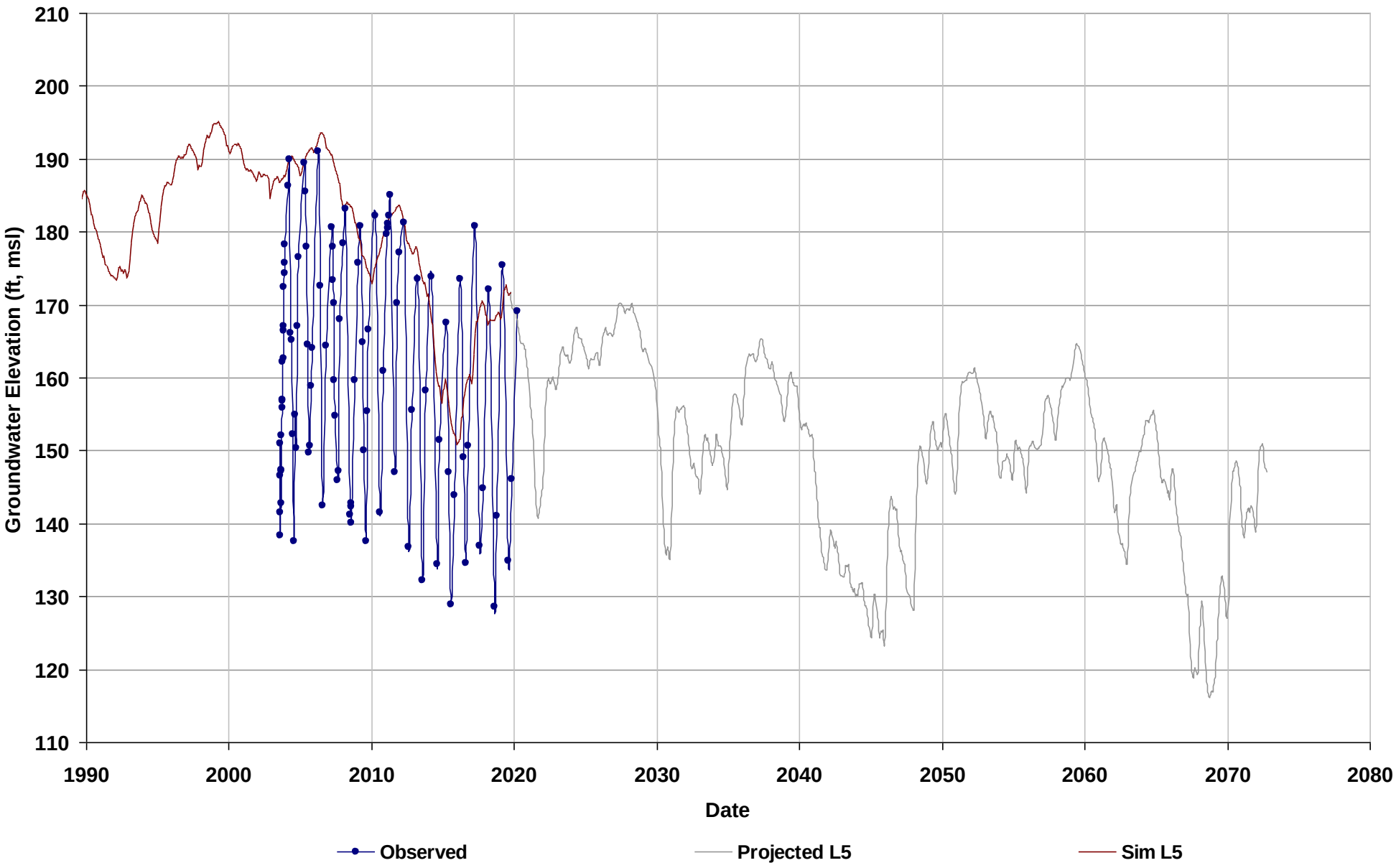
Total Depth (ft): 258
Perf Top (ft): 210
Perf Bottom (ft): 220
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N03W01R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

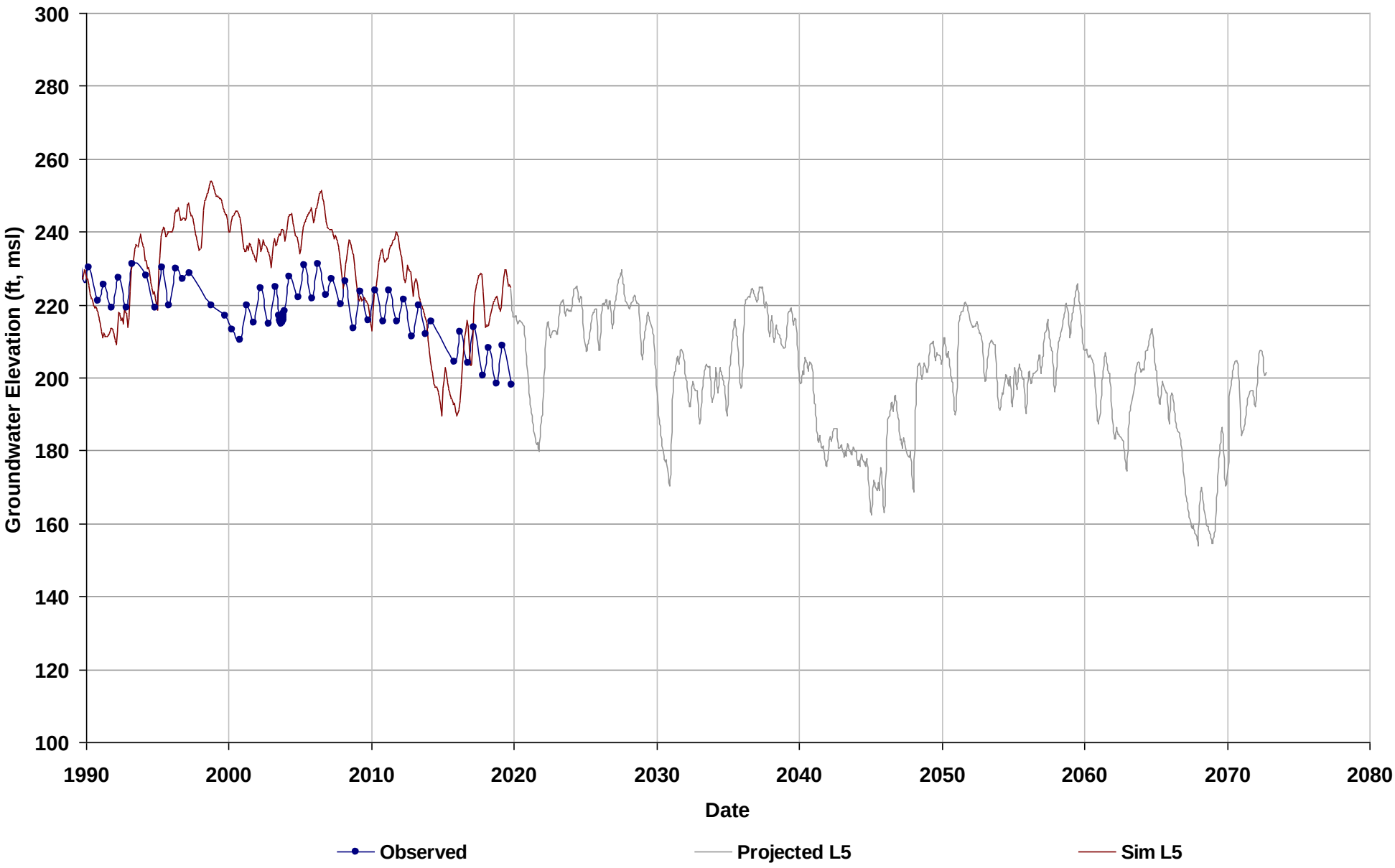
Total Depth (ft): 314
Perf Top (ft): 270
Perf Bottom (ft): 280
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N03W05F002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 297

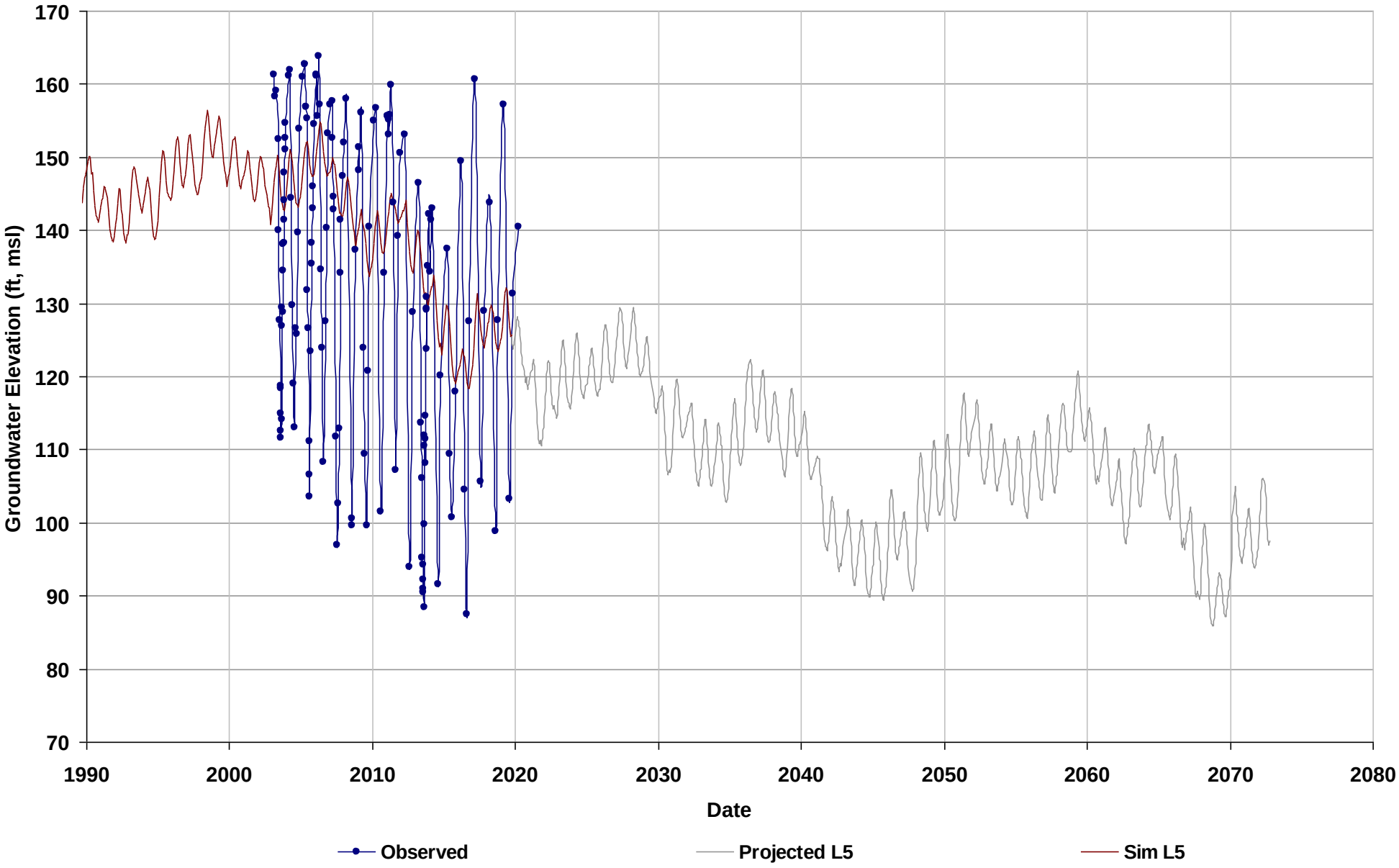
Total Depth (ft):
Perf Top (ft): 188
Perf Bottom (ft): 218
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W15C003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 189

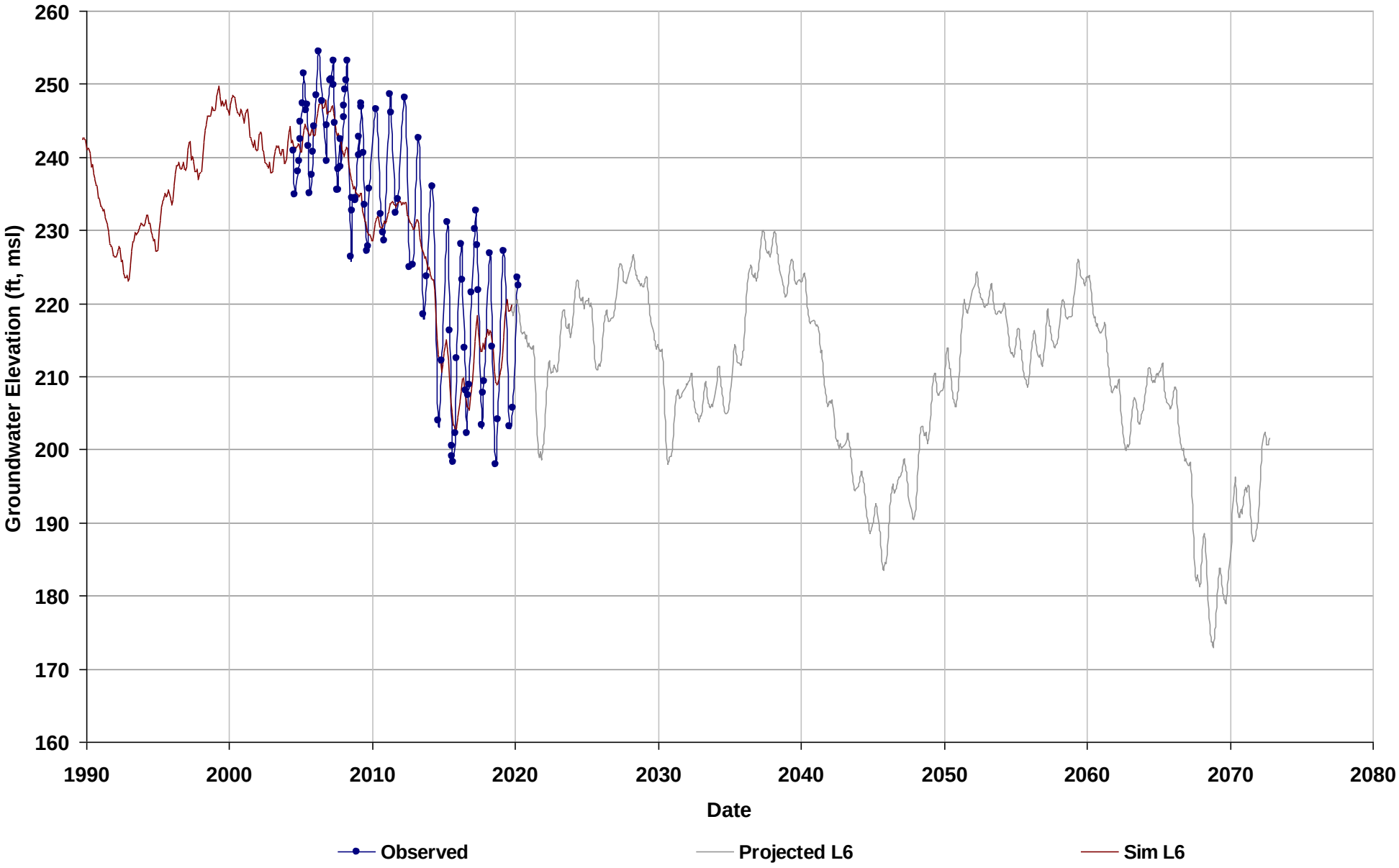
Total Depth (ft): 422
Perf Top (ft): 370
Perf Bottom (ft): 380
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 24N03W29Q002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

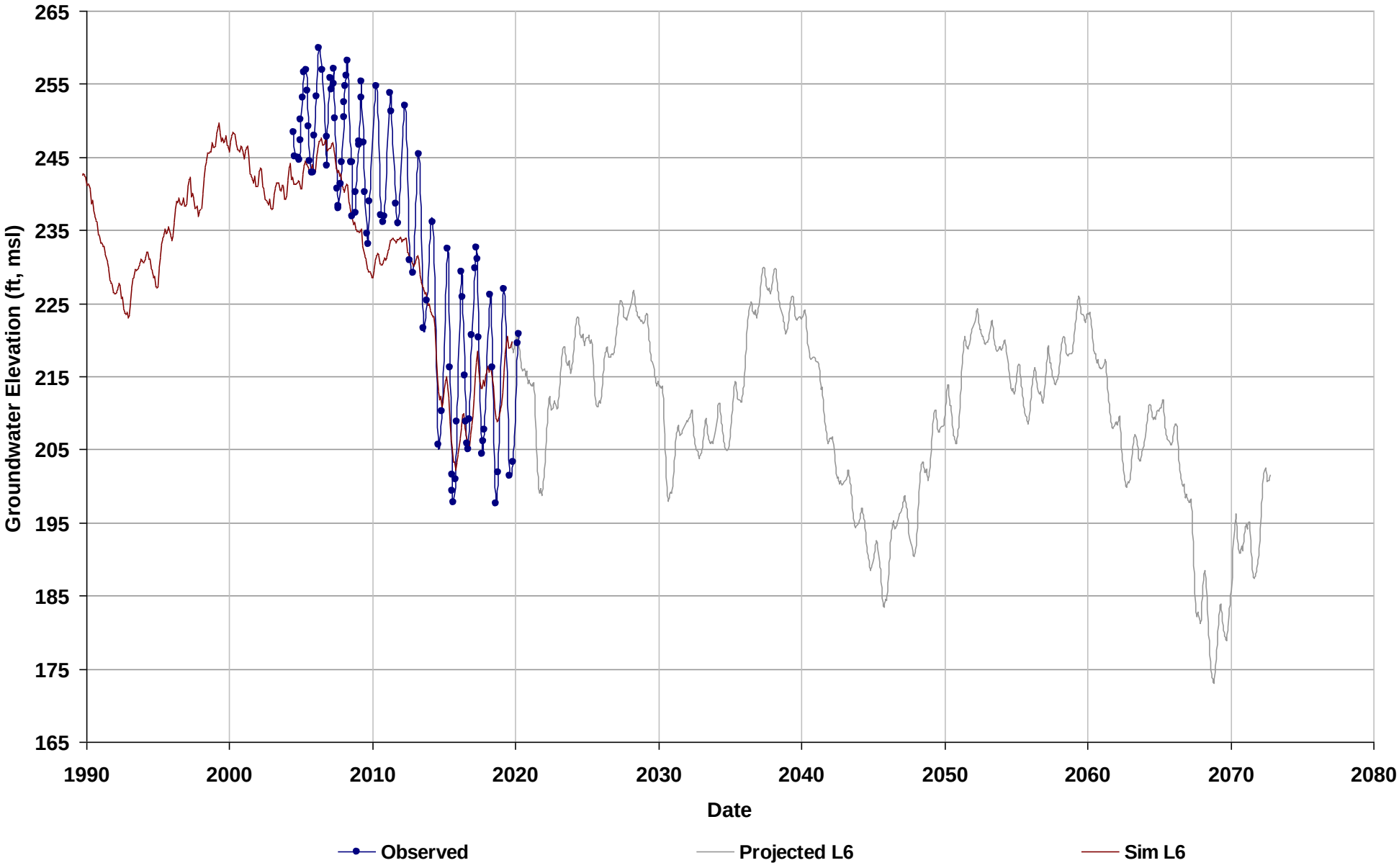
Total Depth (ft): 575
Perf Top (ft): 490
Perf Bottom (ft): 550
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 24N03W29Q003M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

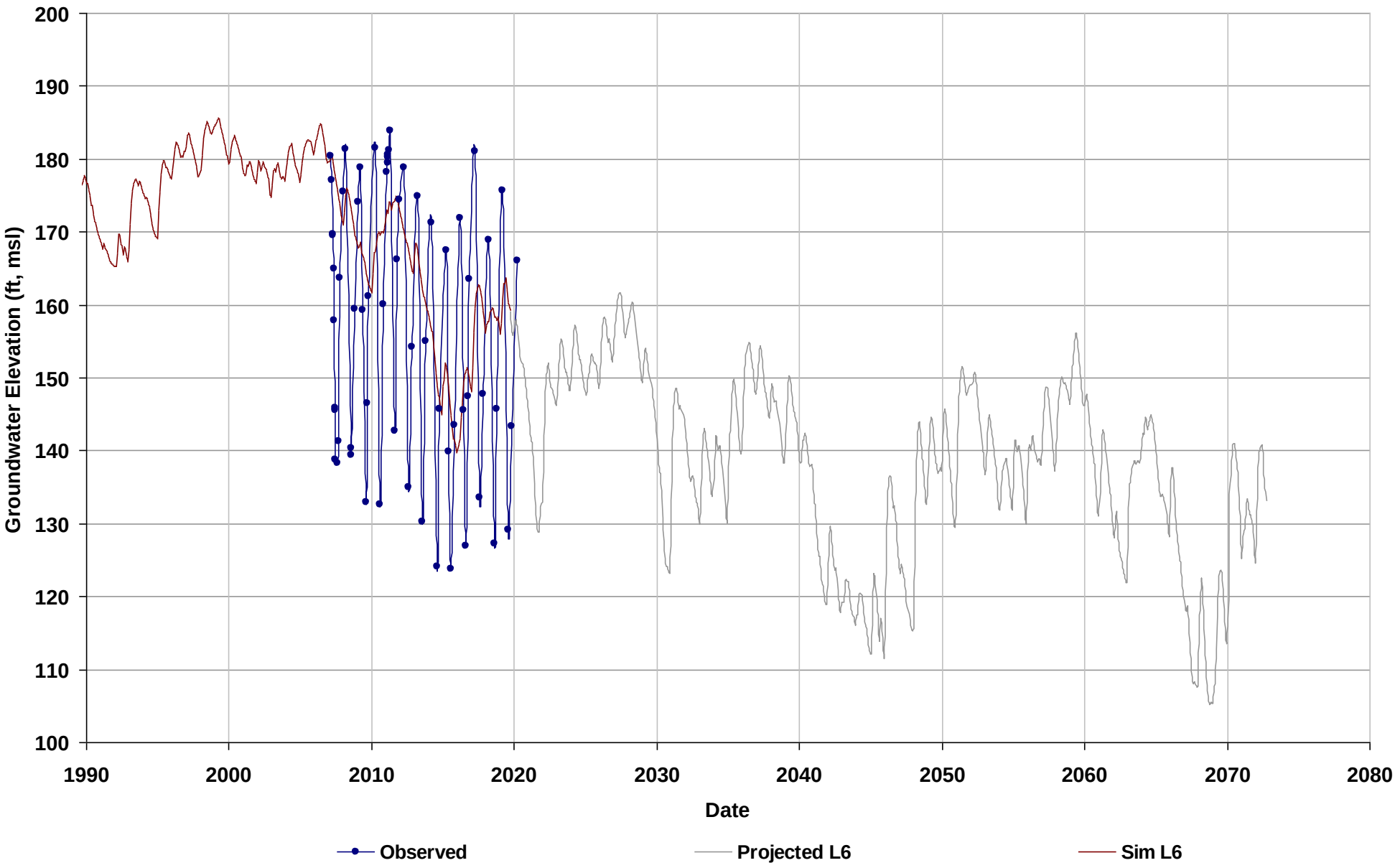
Total Depth (ft): 844
Perf Top (ft): 650
Perf Bottom (ft): 710
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W18C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

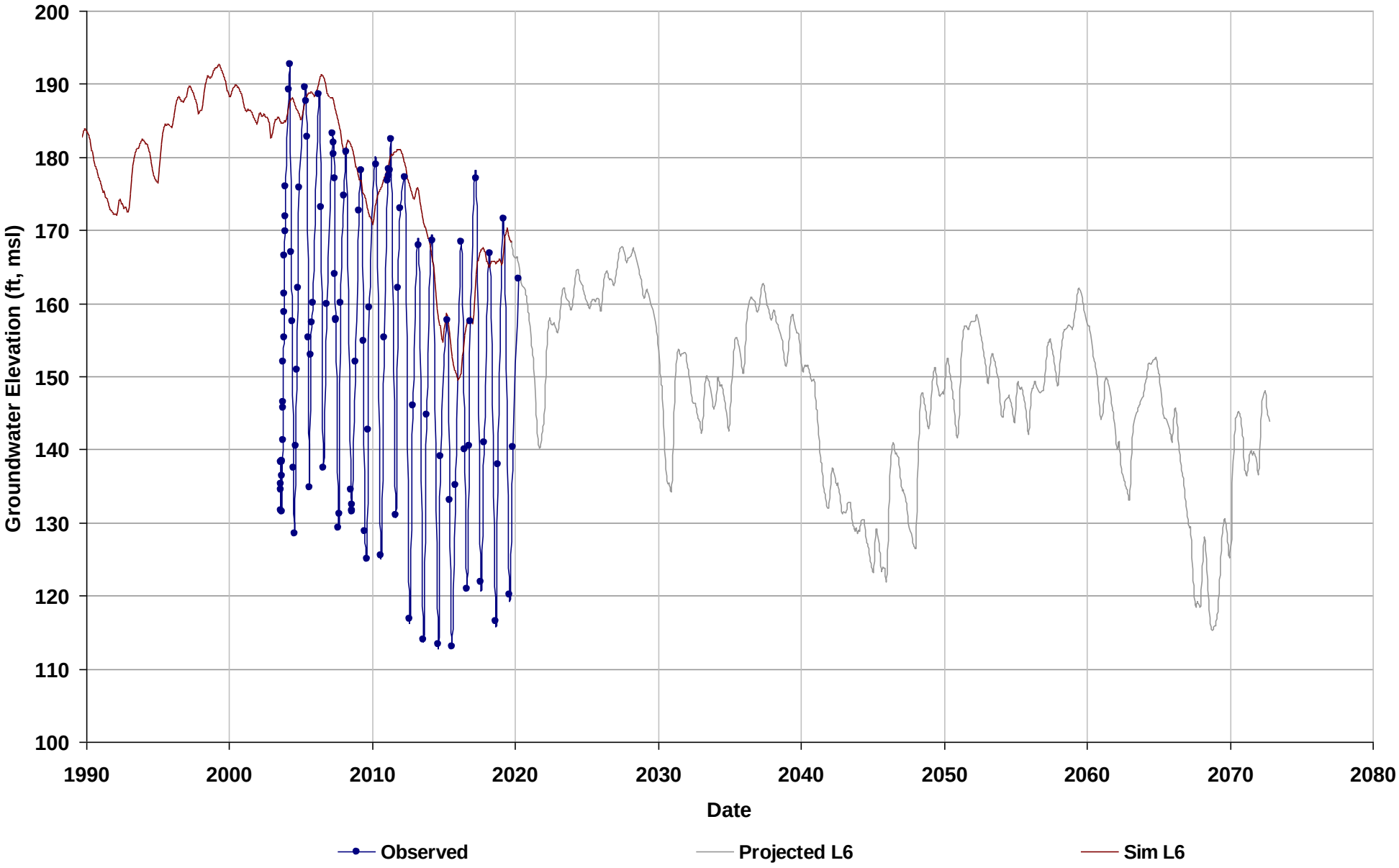
Total Depth (ft): 482
Perf Top (ft): 414
Perf Bottom (ft): 434
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N03W01R001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 226

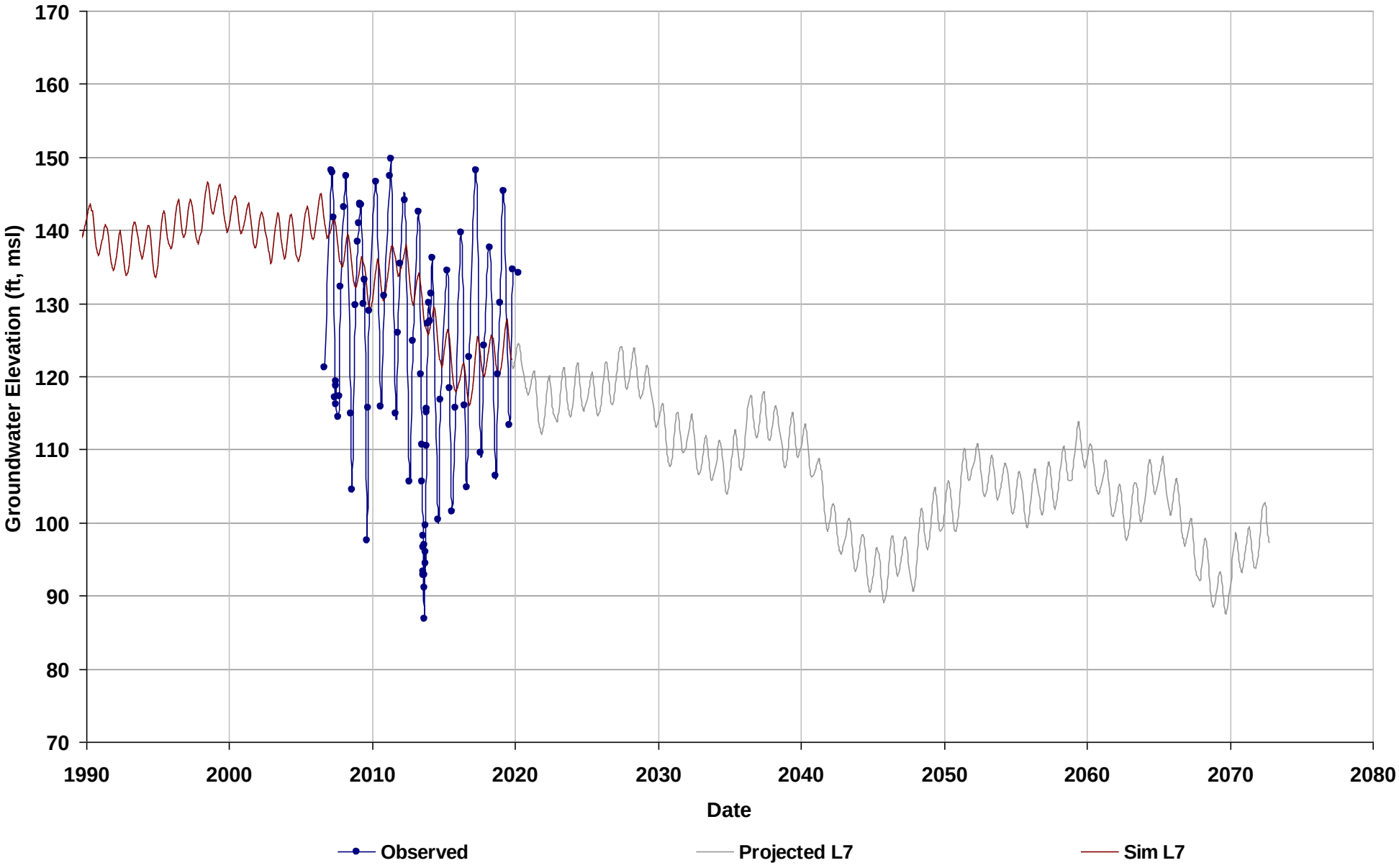
Total Depth (ft): 515
Perf Top (ft): 470
Perf Bottom (ft): 480
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W01N002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

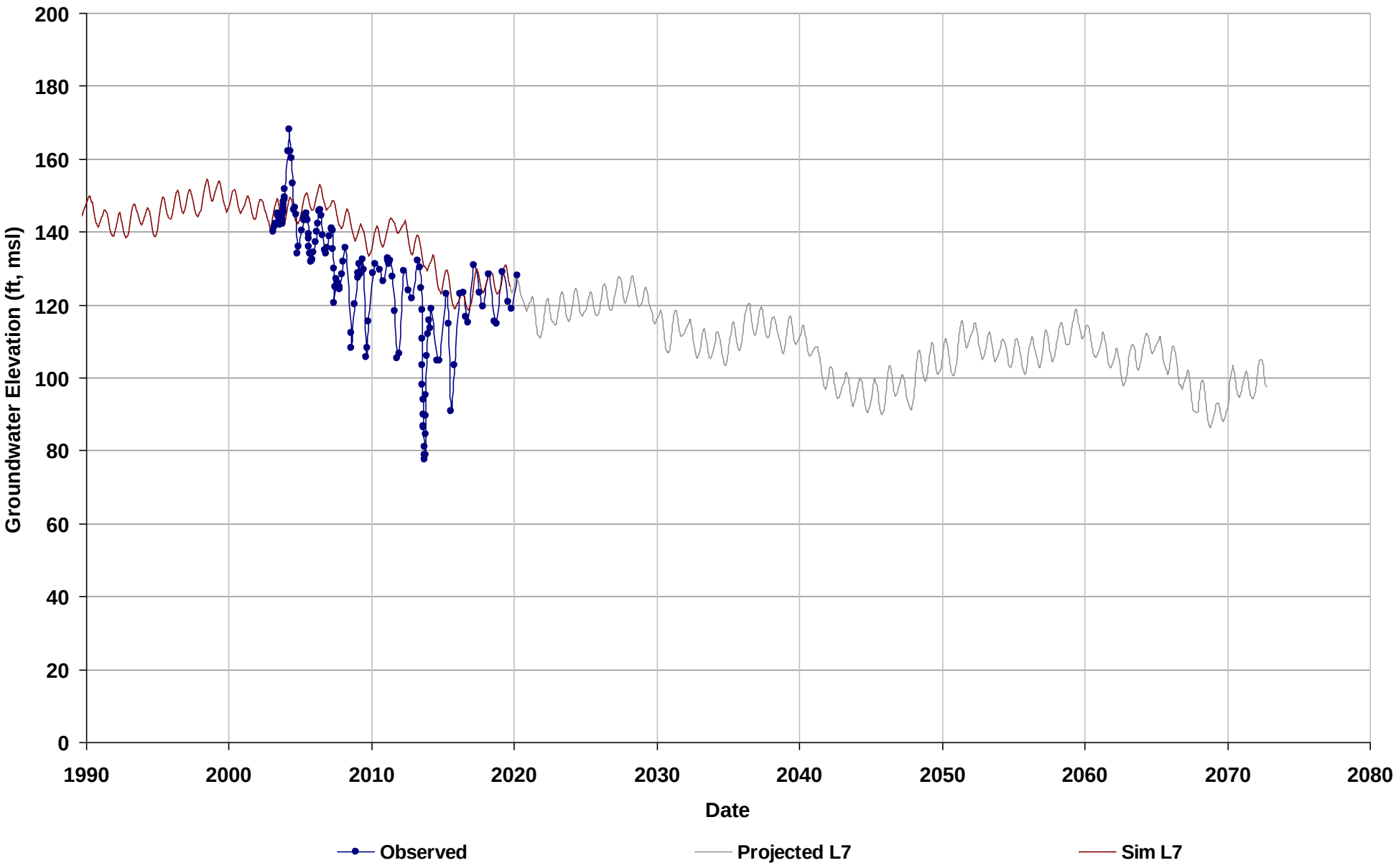
Total Depth (ft): 730
Perf Top (ft): 700
Perf Bottom (ft): 710
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W15C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 189

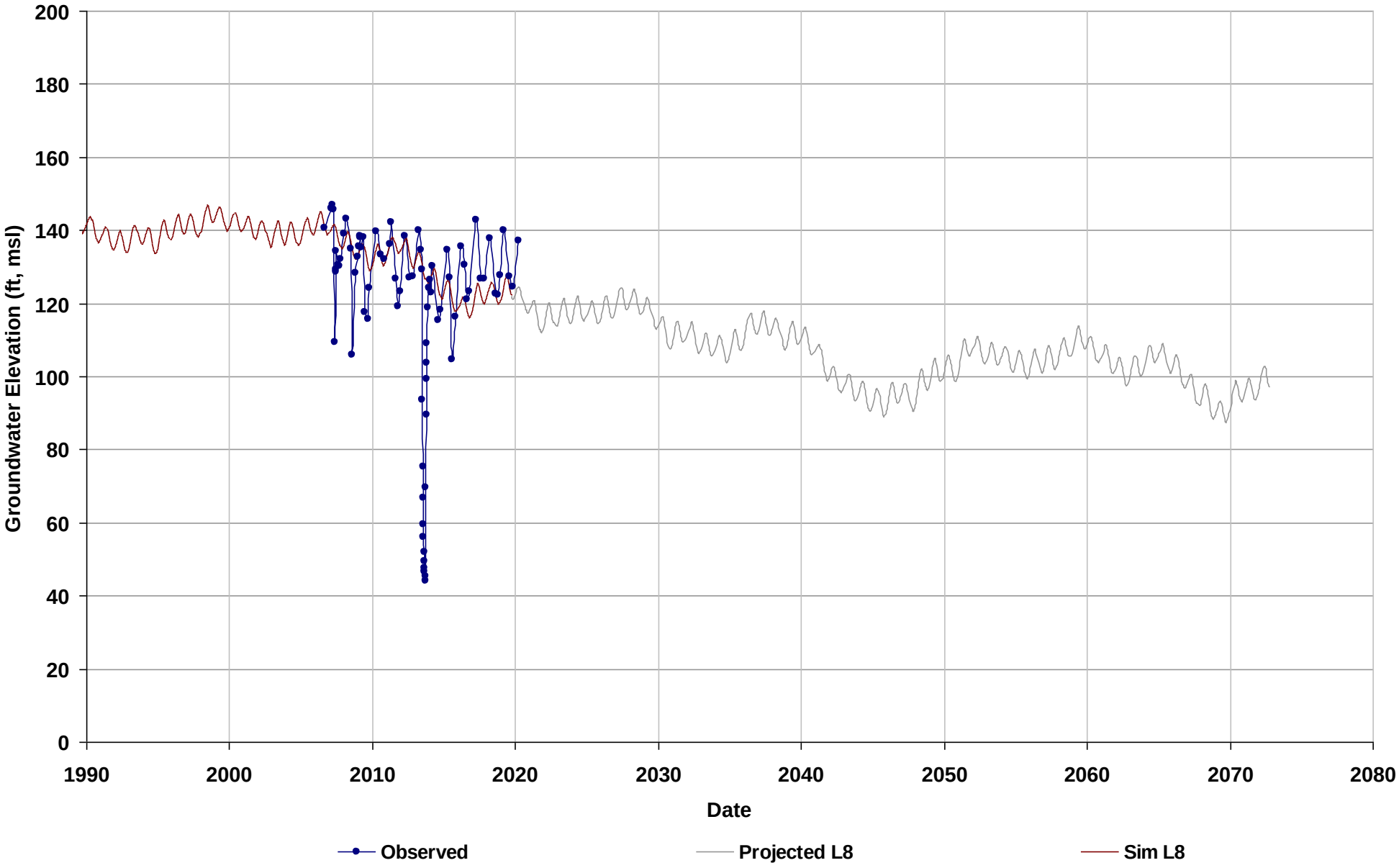
Total Depth (ft): 825
Perf Top (ft): 760
Perf Bottom (ft): 781
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W01N001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

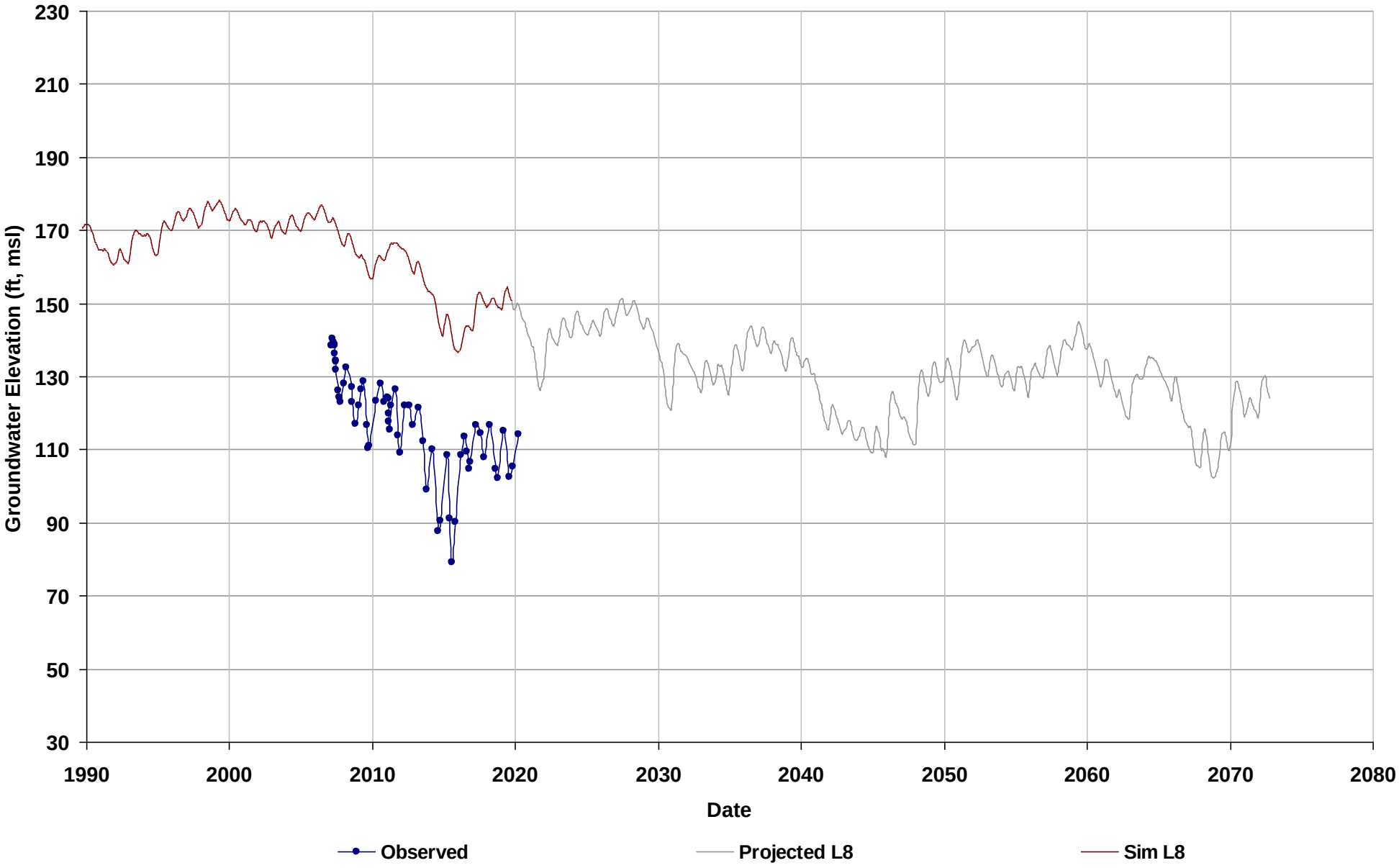
Total Depth (ft): 1100
Perf Top (ft): 810
Perf Bottom (ft): 1050
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 22N02W18C001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

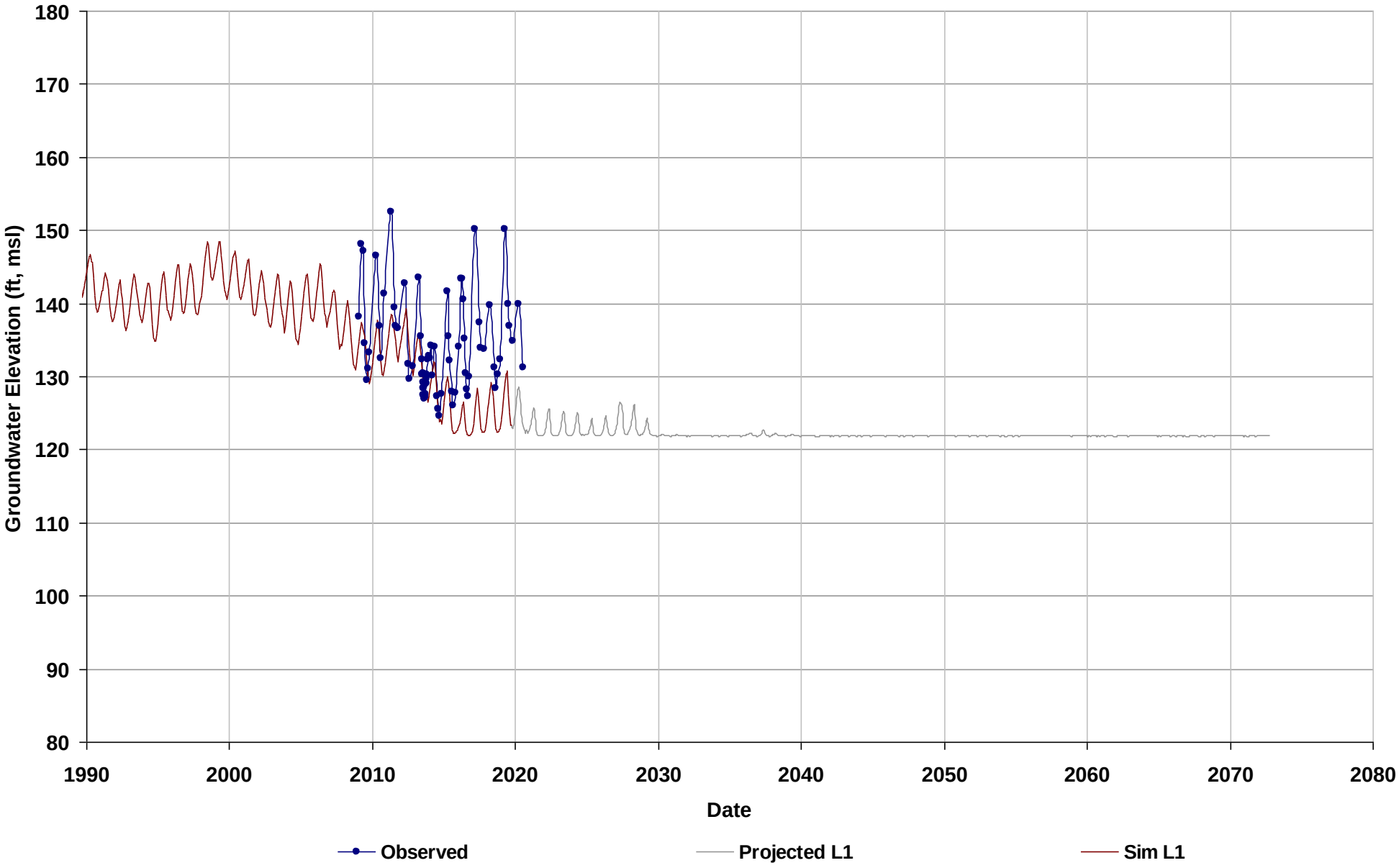
Total Depth (ft): 1062
Perf Top (ft): 841
Perf Bottom (ft): 1029
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 23N01W28M005M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 159

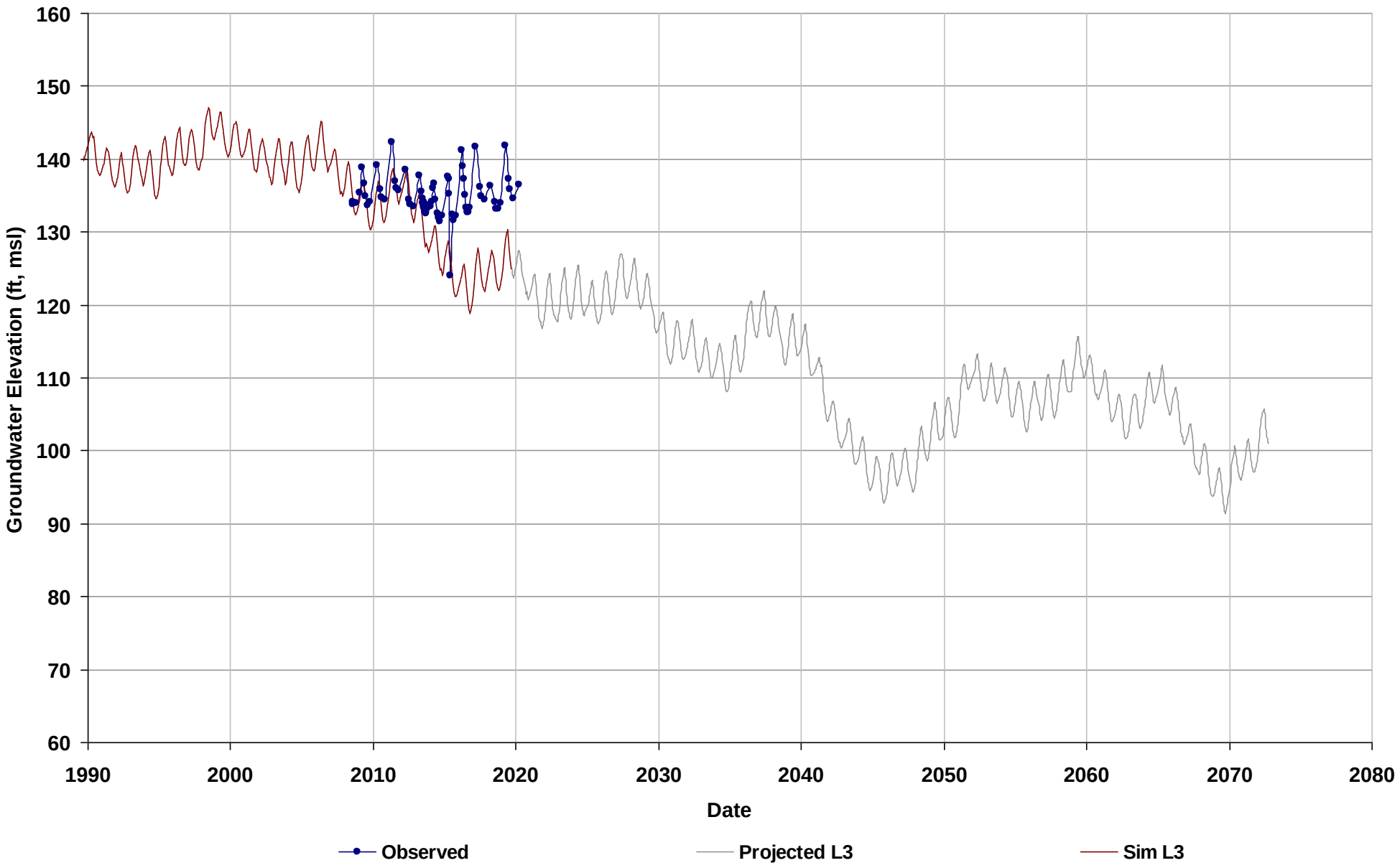
Total Depth (ft): 72
Perf Top (ft): 30
Perf Bottom (ft): 50
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 23N01W31M004M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

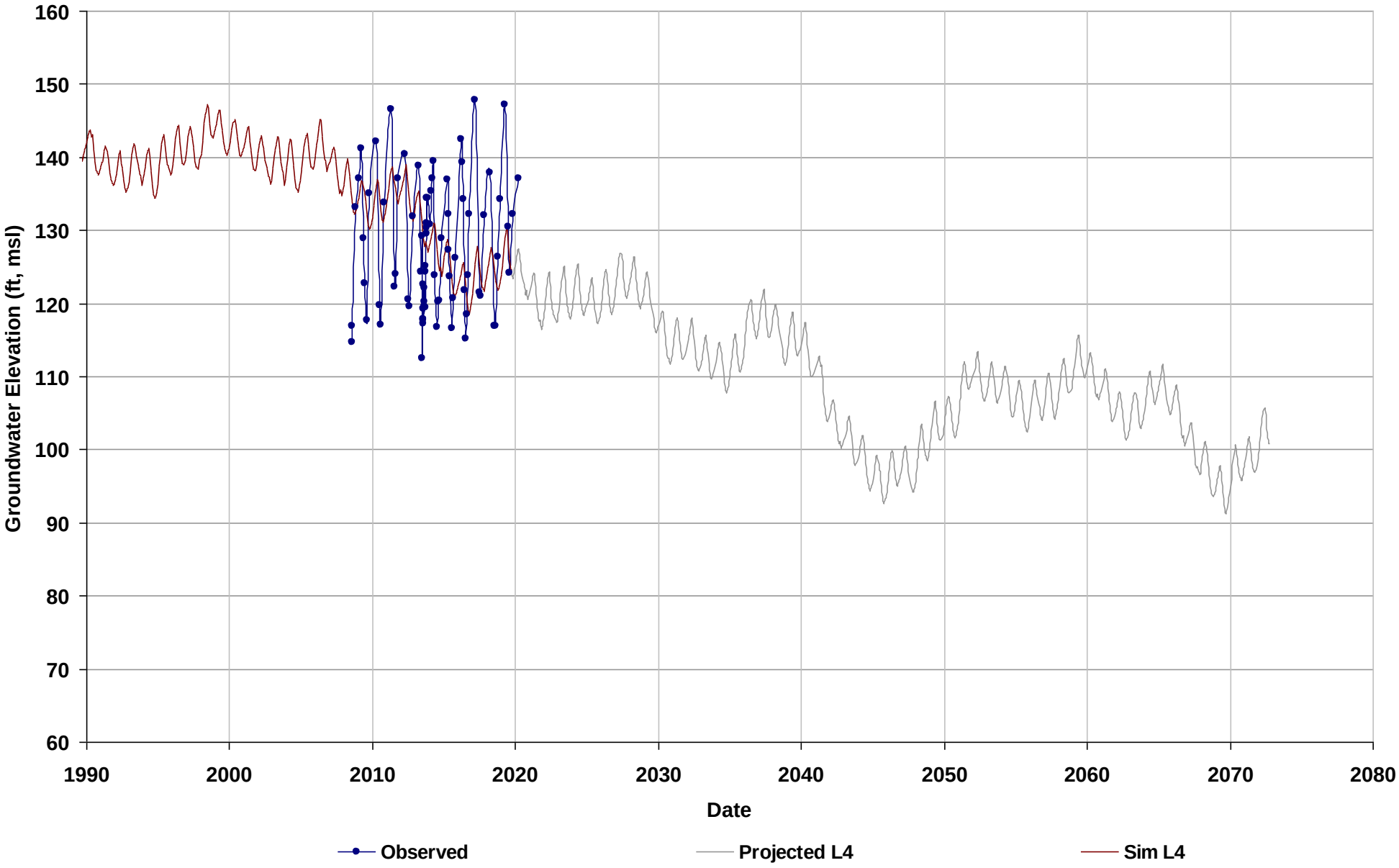
Total Depth (ft): 106
Perf Top (ft): 65.5
Perf Bottom (ft): 75.5
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 23N01W31M003M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

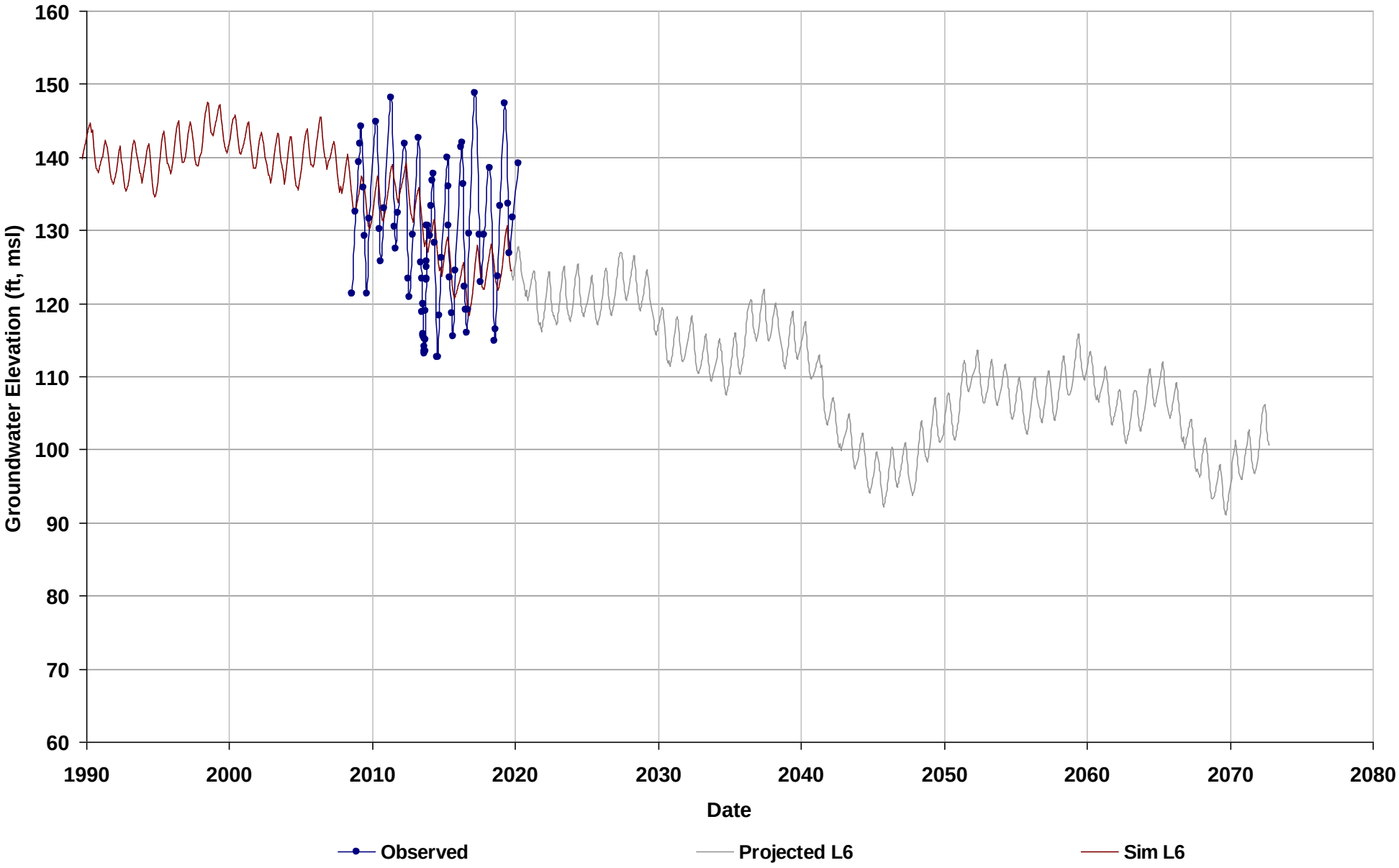
Total Depth (ft): 245
Perf Top (ft): 140
Perf Bottom (ft): 201
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 23N01W31M002M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

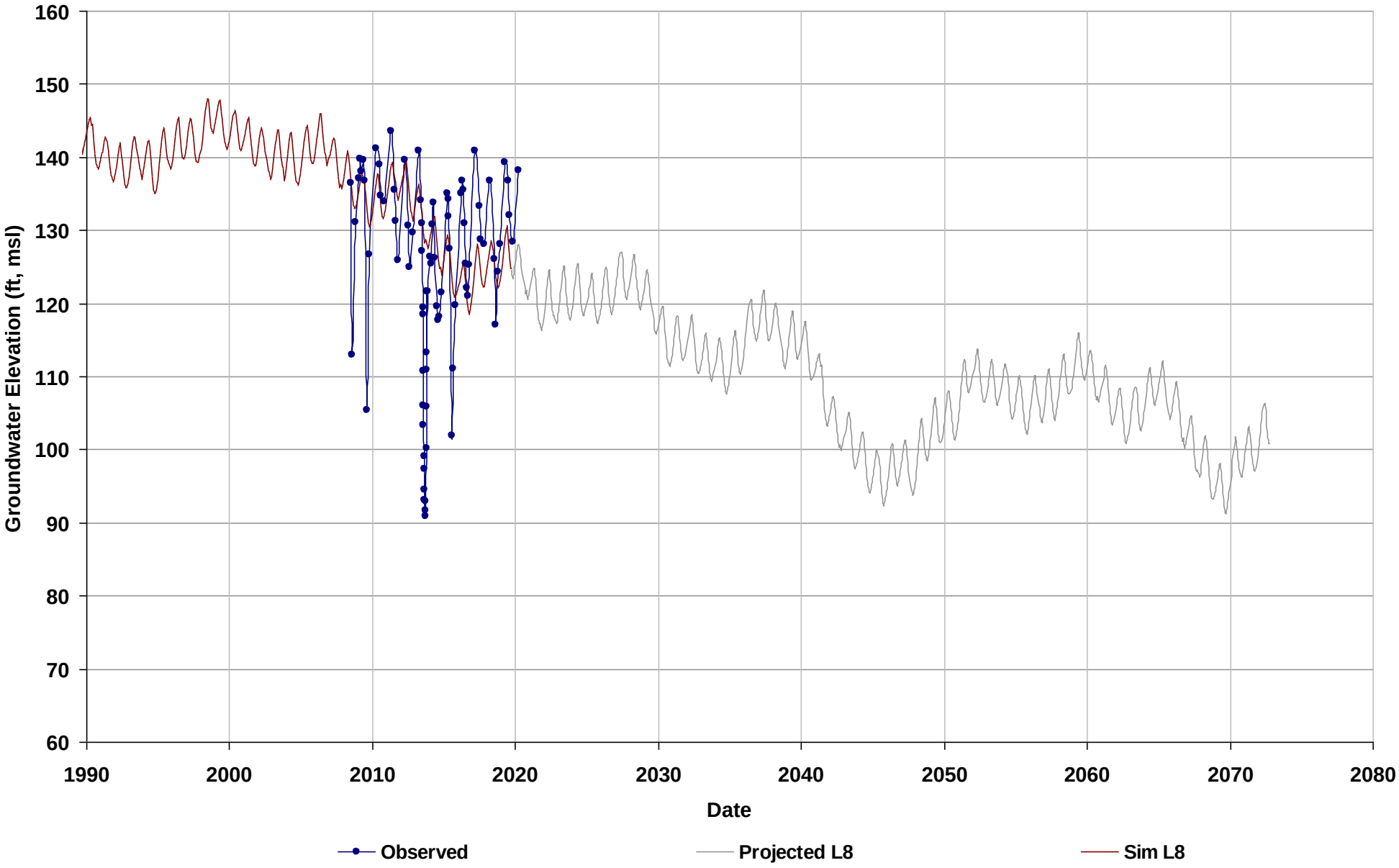
Total Depth (ft): 616
Perf Top (ft): 545
Perf Bottom (ft): 600
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 23N01W31M001M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

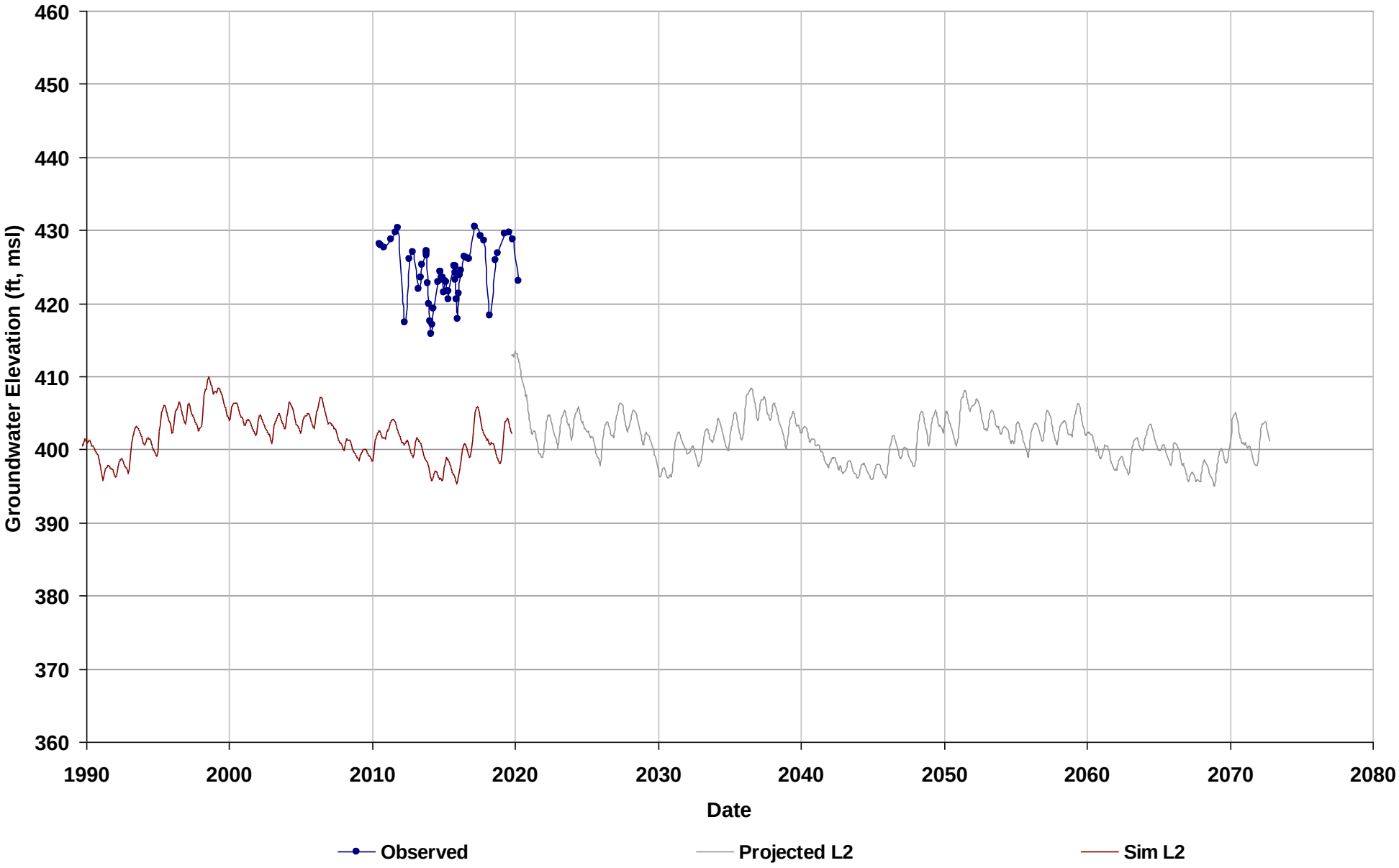
Total Depth (ft): 1200
Perf Top (ft): 969
Perf Bottom (ft): 1030
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N04W03R006M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

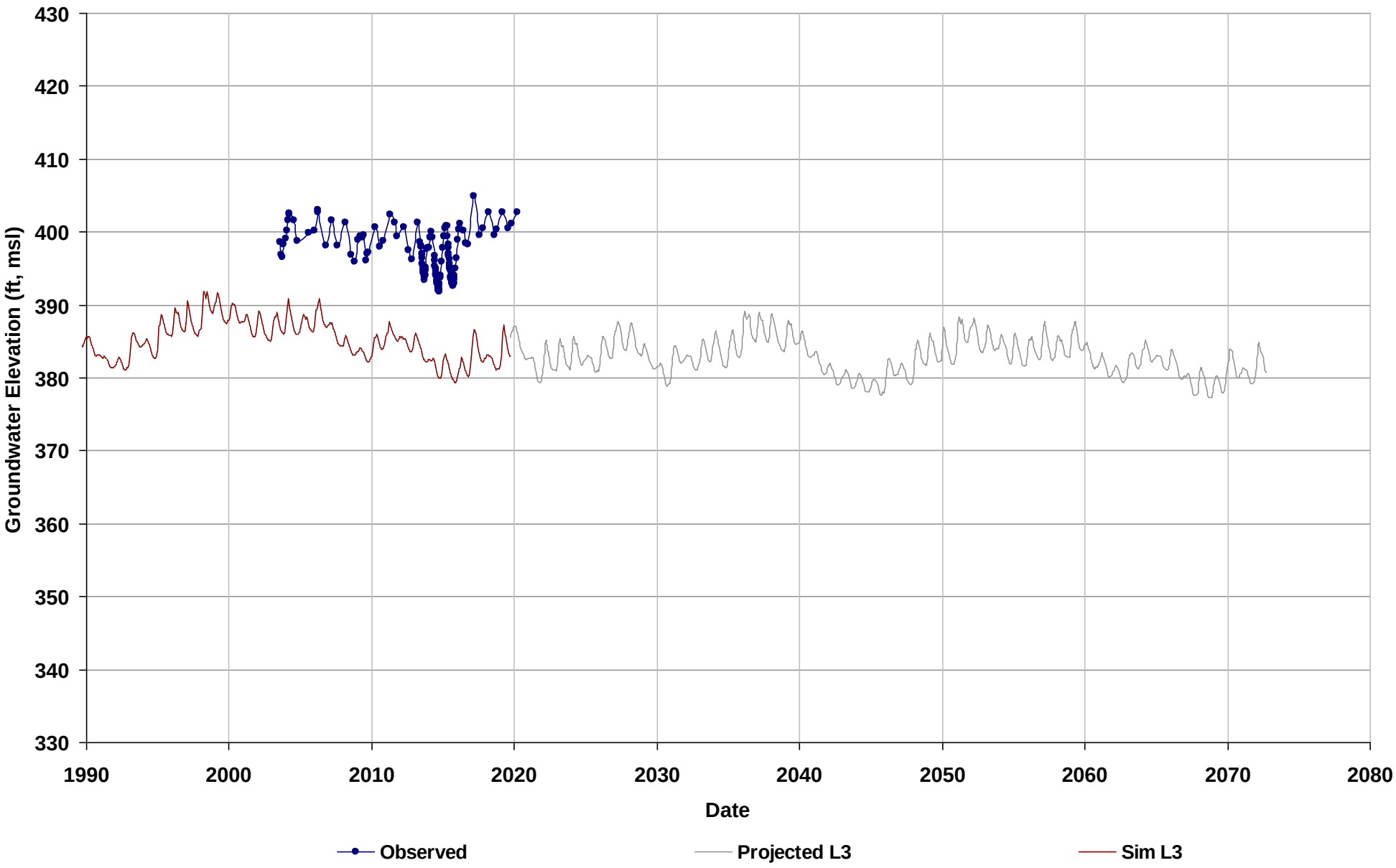
Total Depth (ft): 76
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 30N04W22F002M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

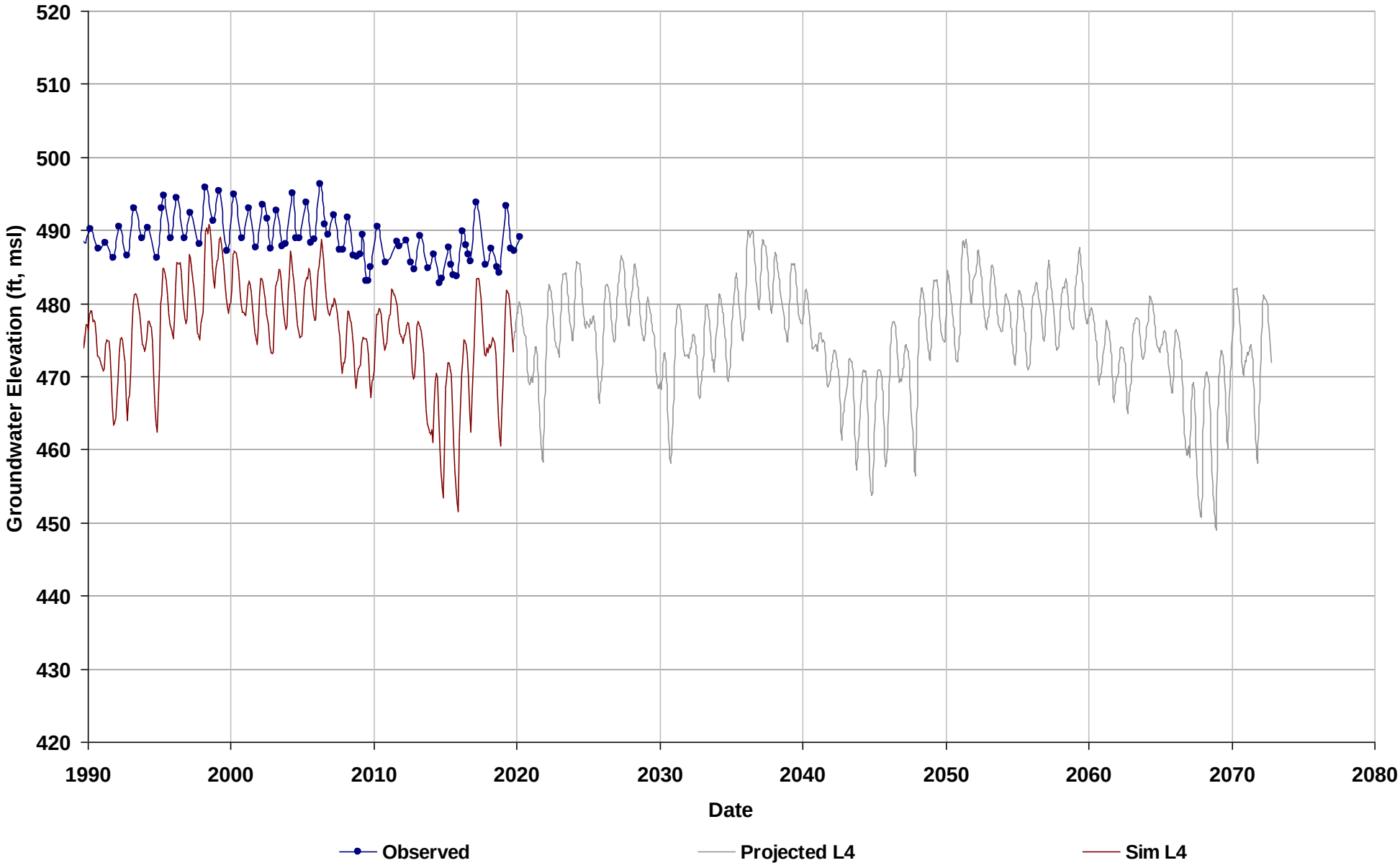
Total Depth (ft): 113
Perf Top (ft): 70
Perf Bottom (ft): 113
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N05W09L001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 517

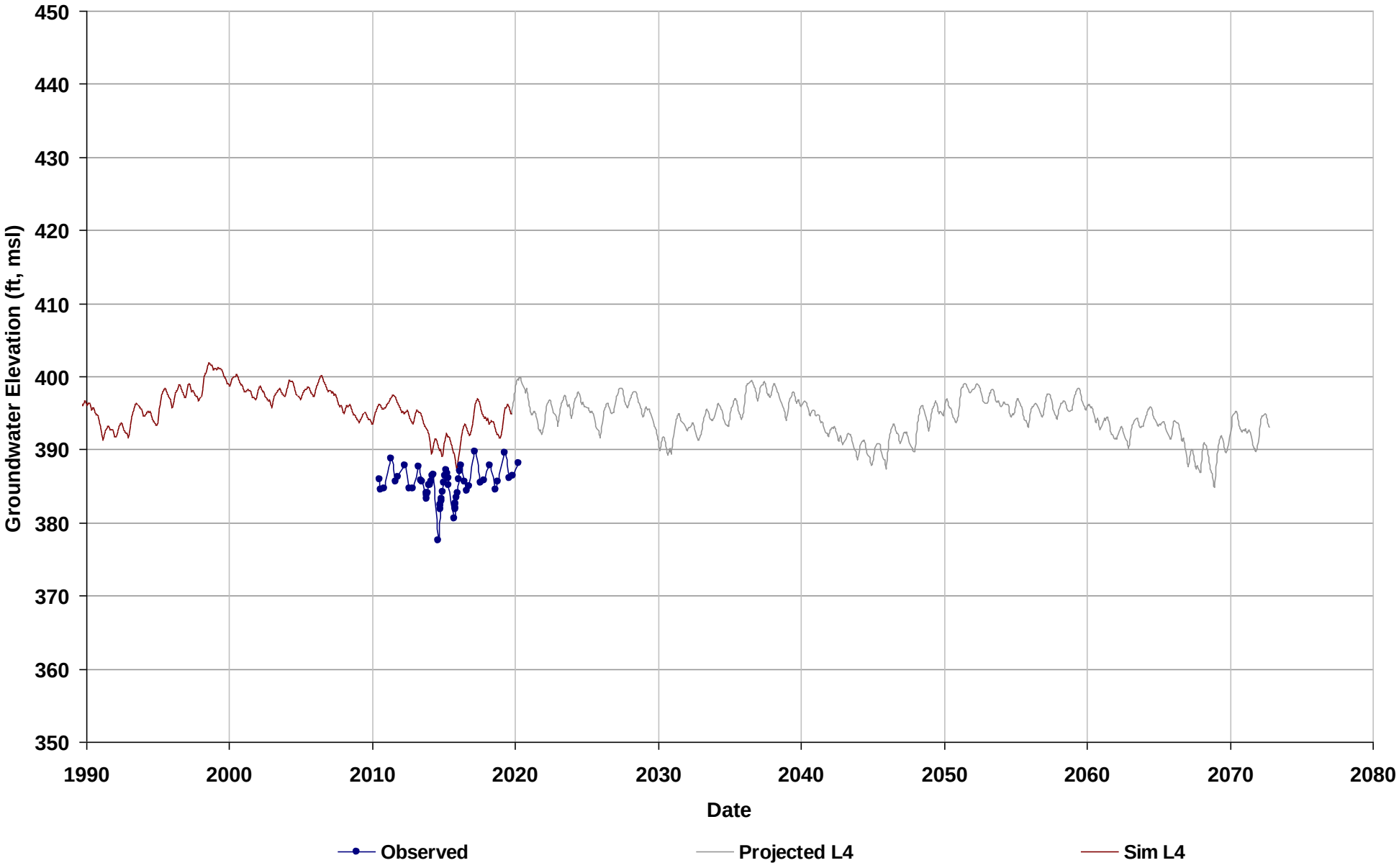
Total Depth (ft):
Perf Top (ft): 100
Perf Bottom (ft): 140
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N04W03R005M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

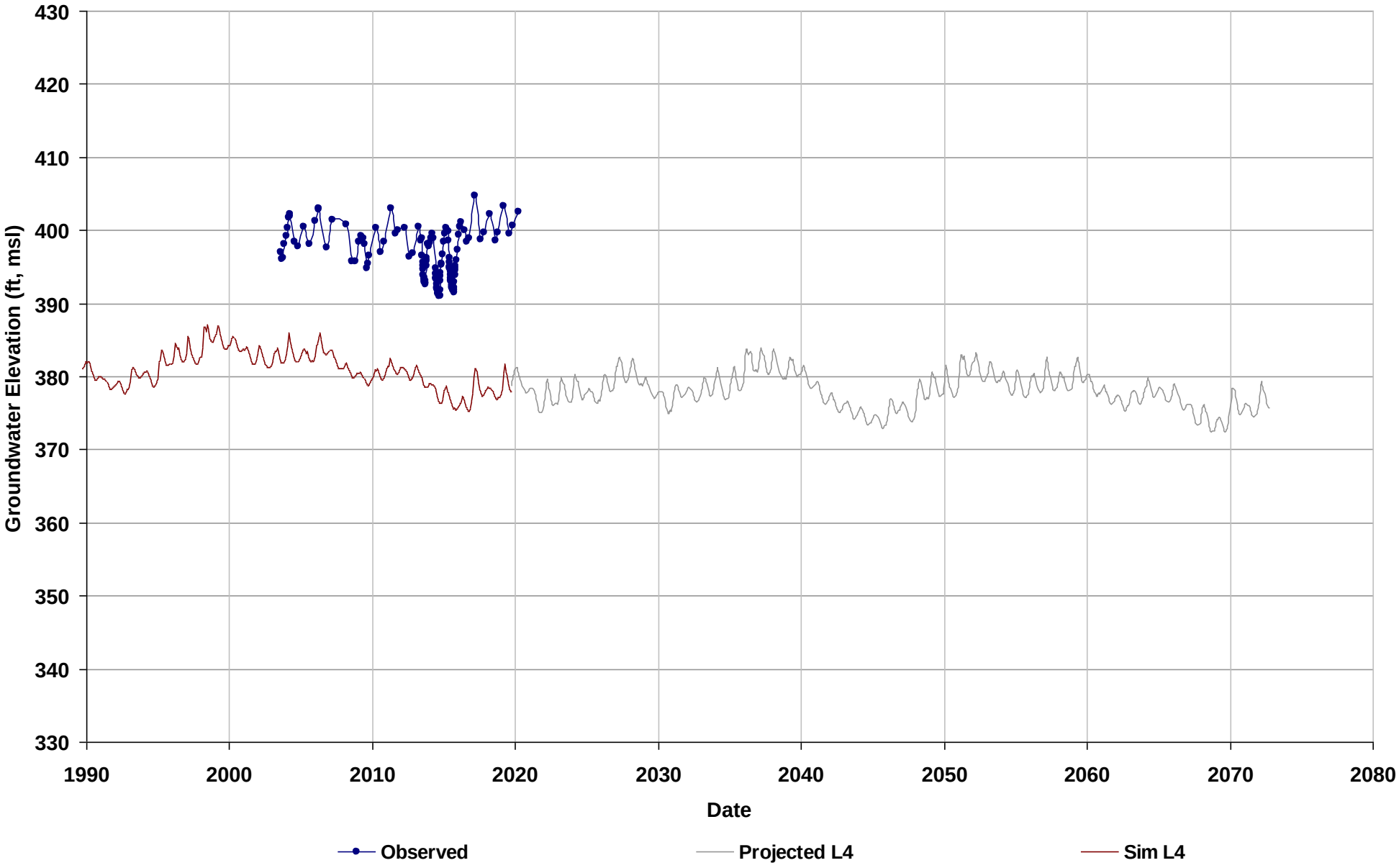
Total Depth (ft): 254
Perf Top (ft): 128
Perf Bottom (ft): 188
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 30N04W22F003M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

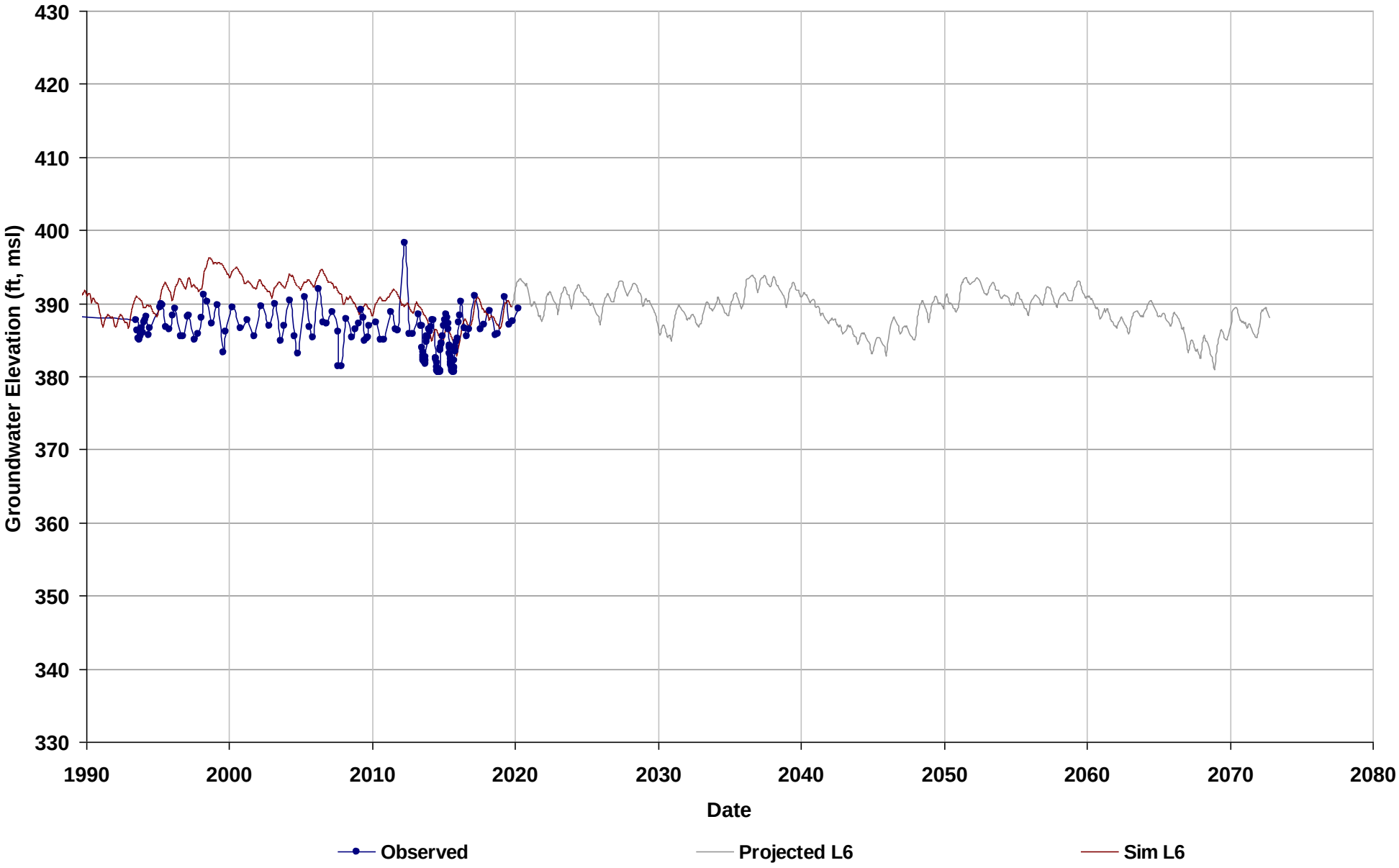
Total Depth (ft): 202
Perf Top (ft): 170
Perf Bottom (ft): 202
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N04W02P001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

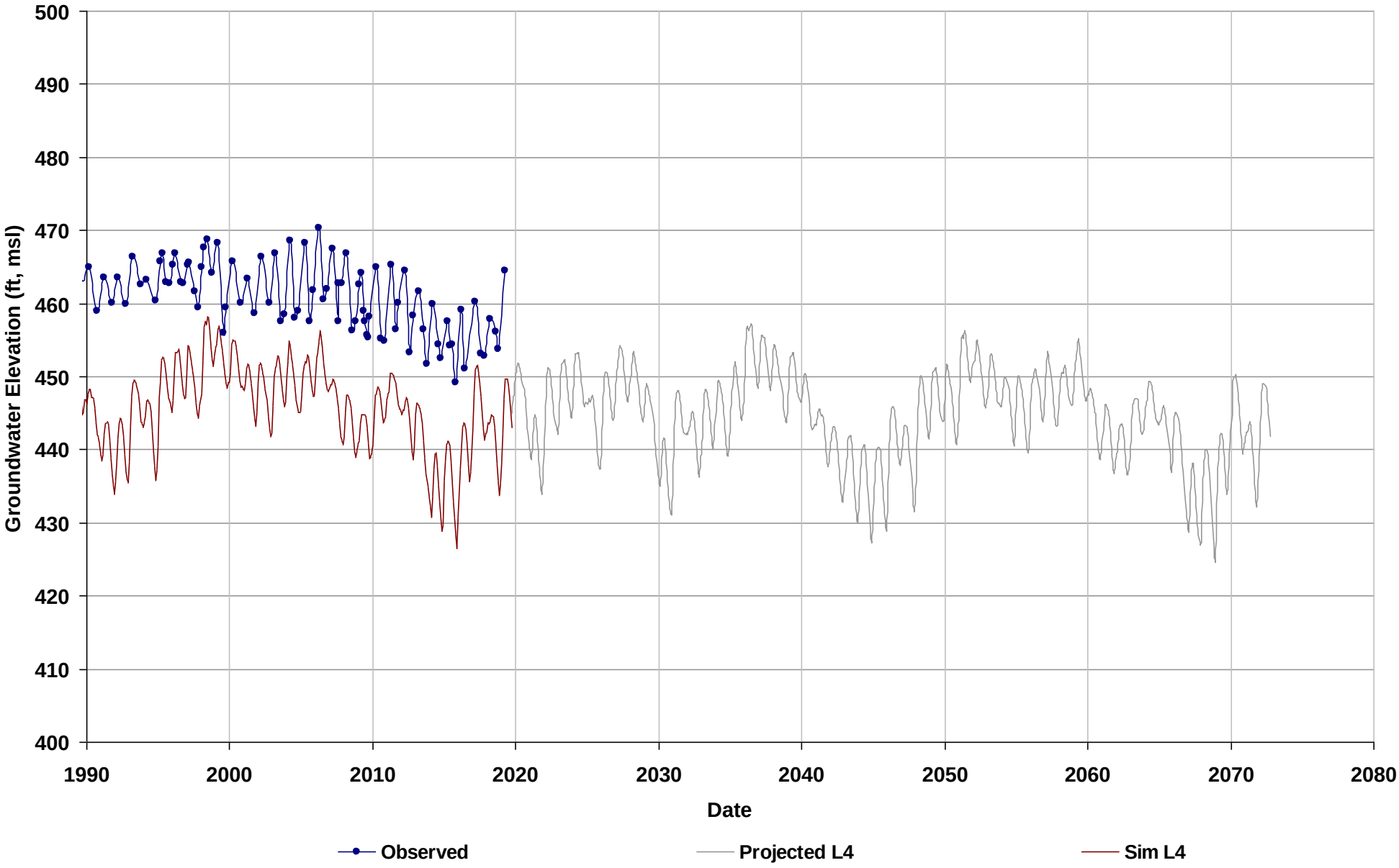
Total Depth (ft):
Perf Top (ft): 165
Perf Bottom (ft): 425
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N05W11A002M
Depth Zone: Composite
Subbasin: Anderson
GSE (ft, msl): 514

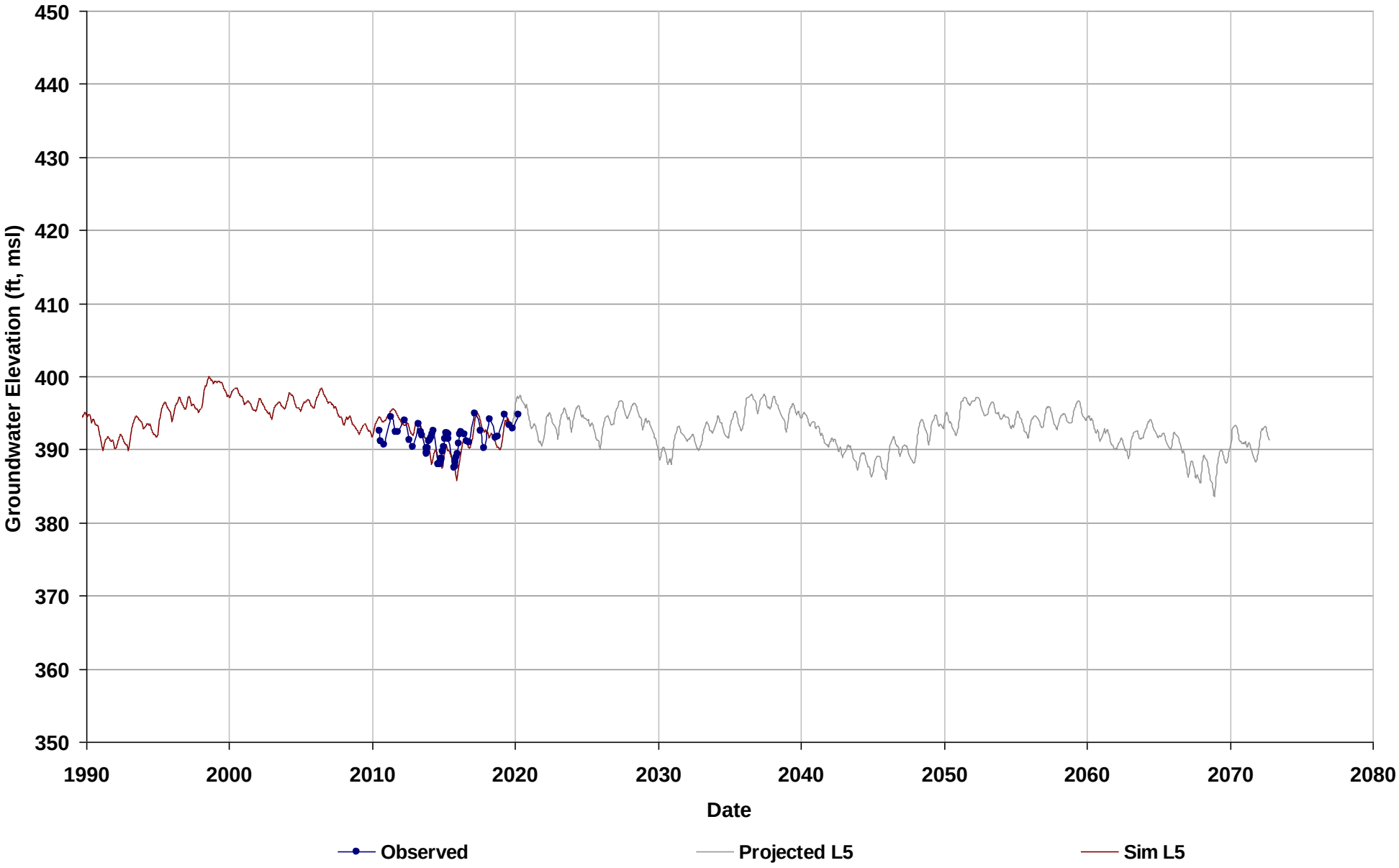
Total Depth (ft):
Perf Top (ft): 110
Perf Bottom (ft): 356
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N04W03R004M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

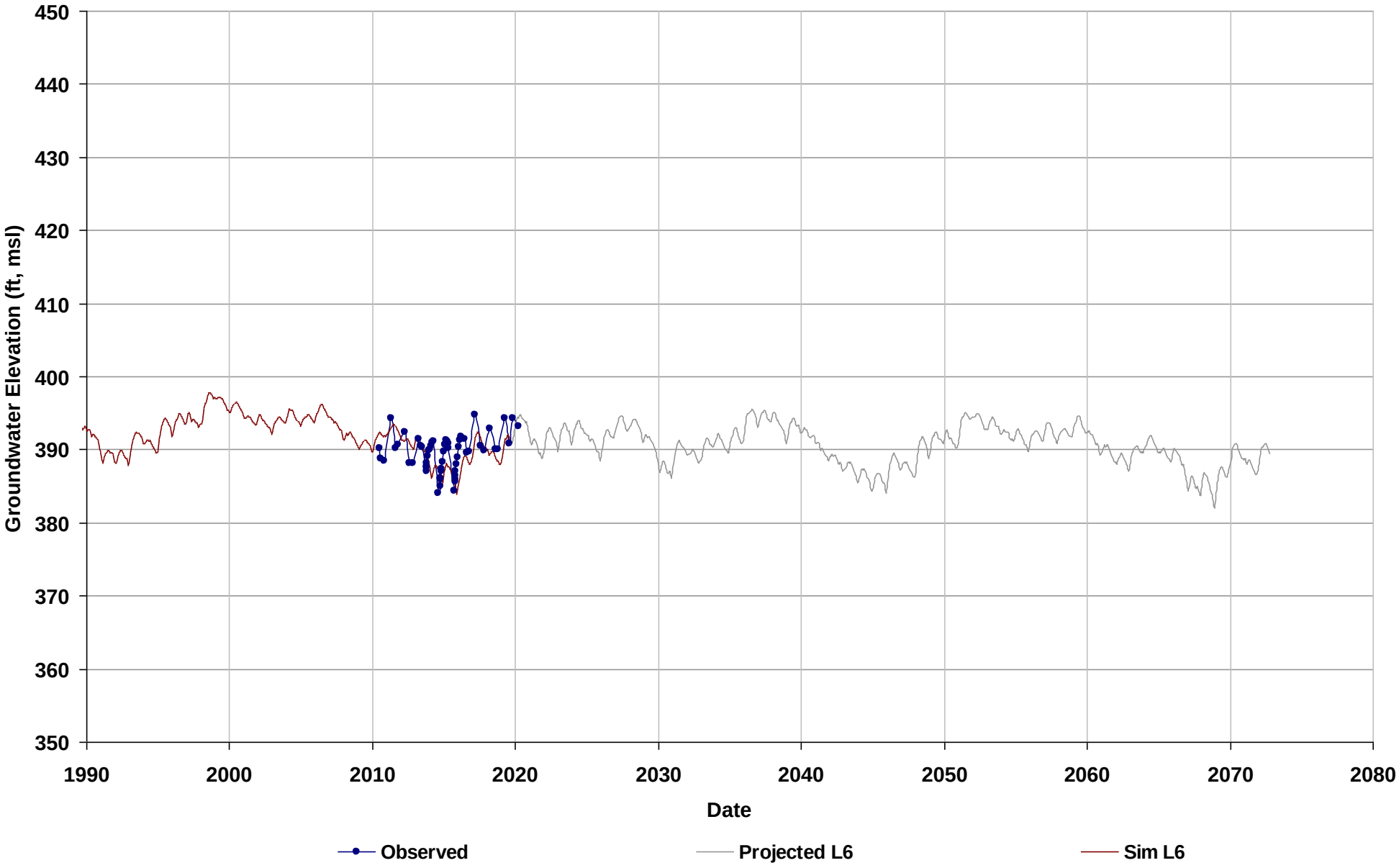
Total Depth (ft): 438
Perf Top (ft): 380
Perf Bottom (ft): 390
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N04W03R003M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

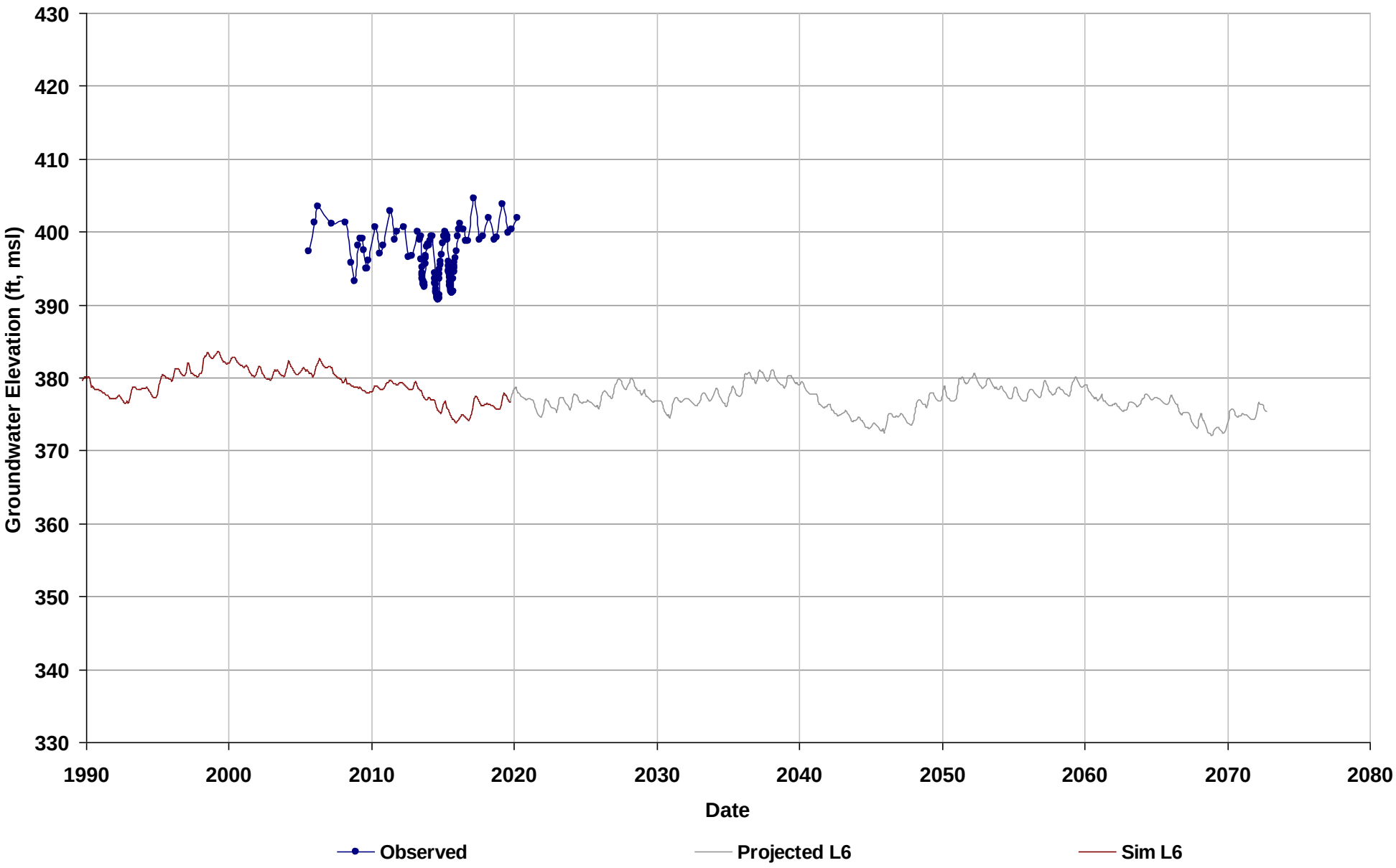
Total Depth (ft): 696
Perf Top (ft): 515
Perf Bottom (ft): 660
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 30N04W22F004M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 447

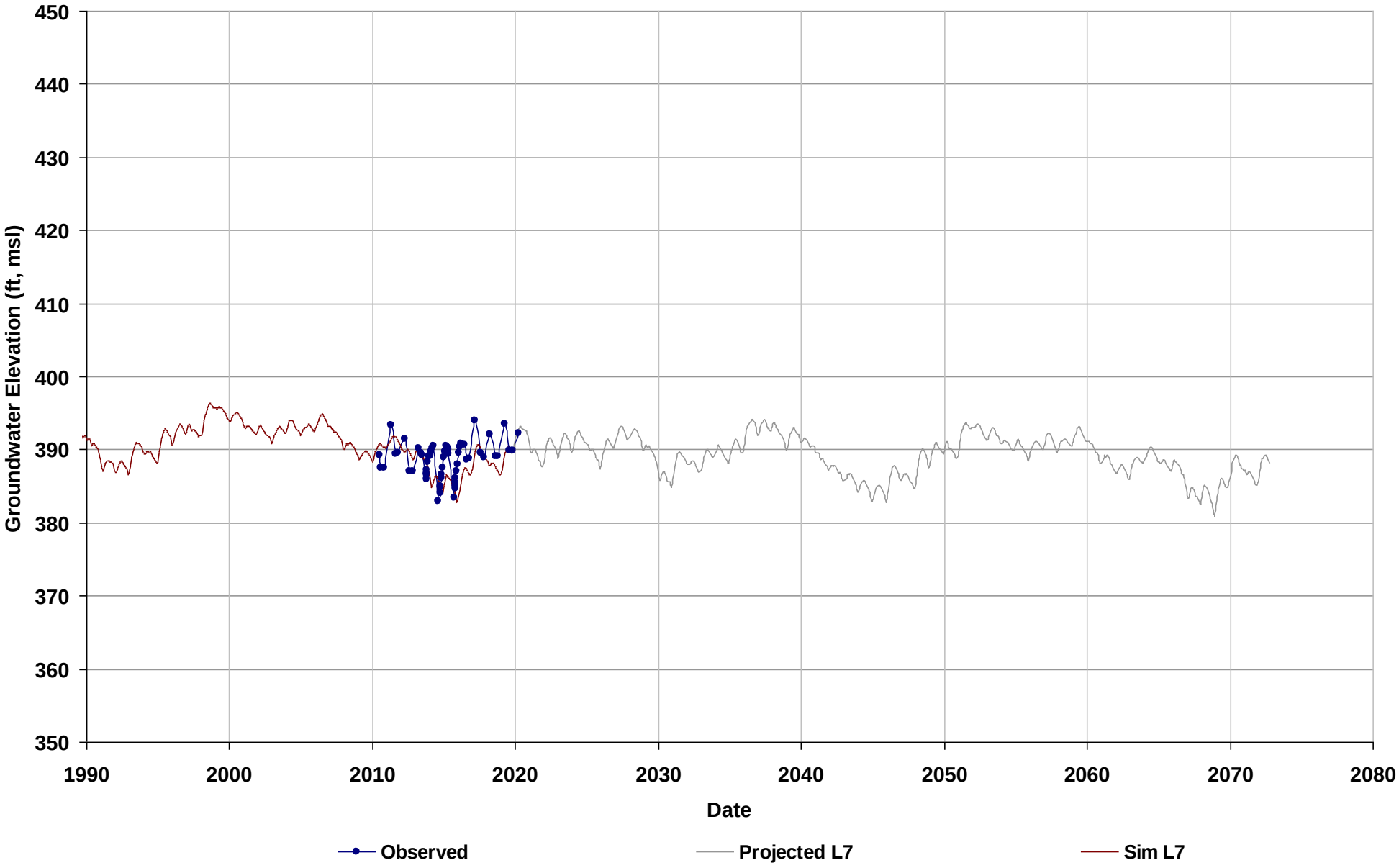
Total Depth (ft): 540
Perf Top (ft): 480
Perf Bottom (ft): 540
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Well Name: 29N04W03R002M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 917
Perf Top (ft): 740
Perf Bottom (ft): 880
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

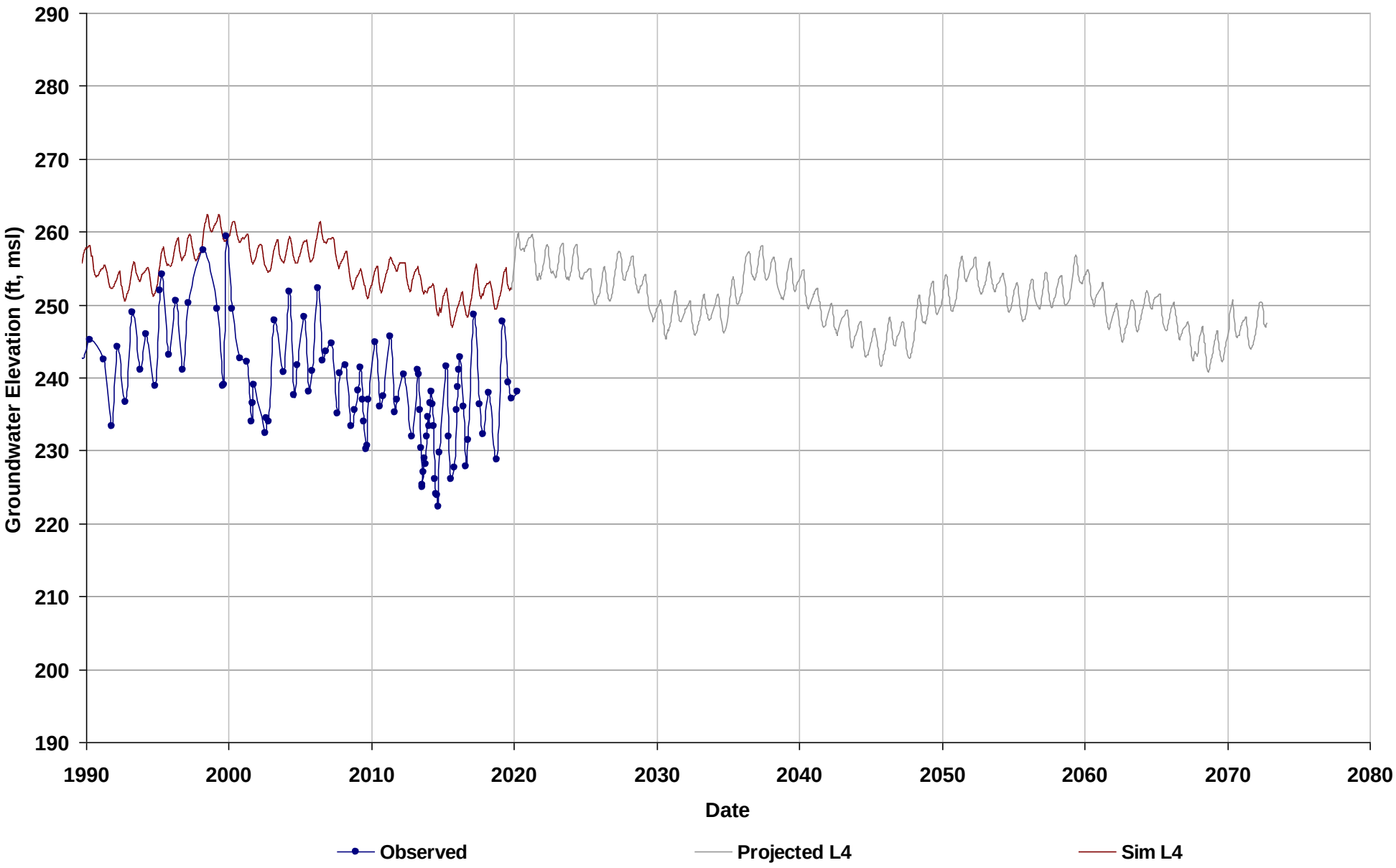
APPENDIX E-7

Tehama IHM Simulated Groundwater Levels:

Projected (Future Land Use) with Climate Change (2070) Model Results

Well Name: 27N03W23D001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 271

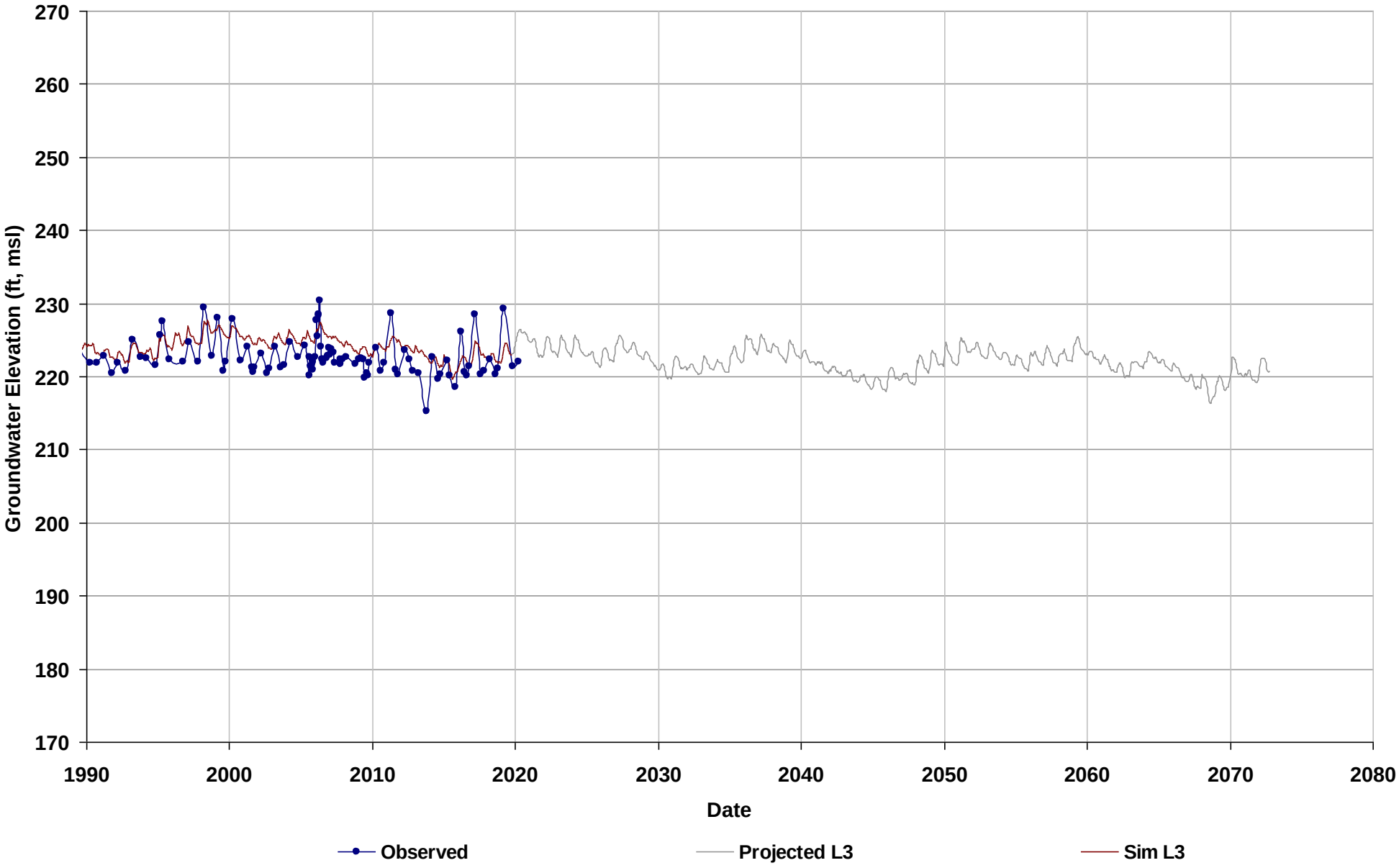
Total Depth (ft): 250
Perf Top (ft): 30
Perf Bottom (ft): 155
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 26N02W17E001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 240

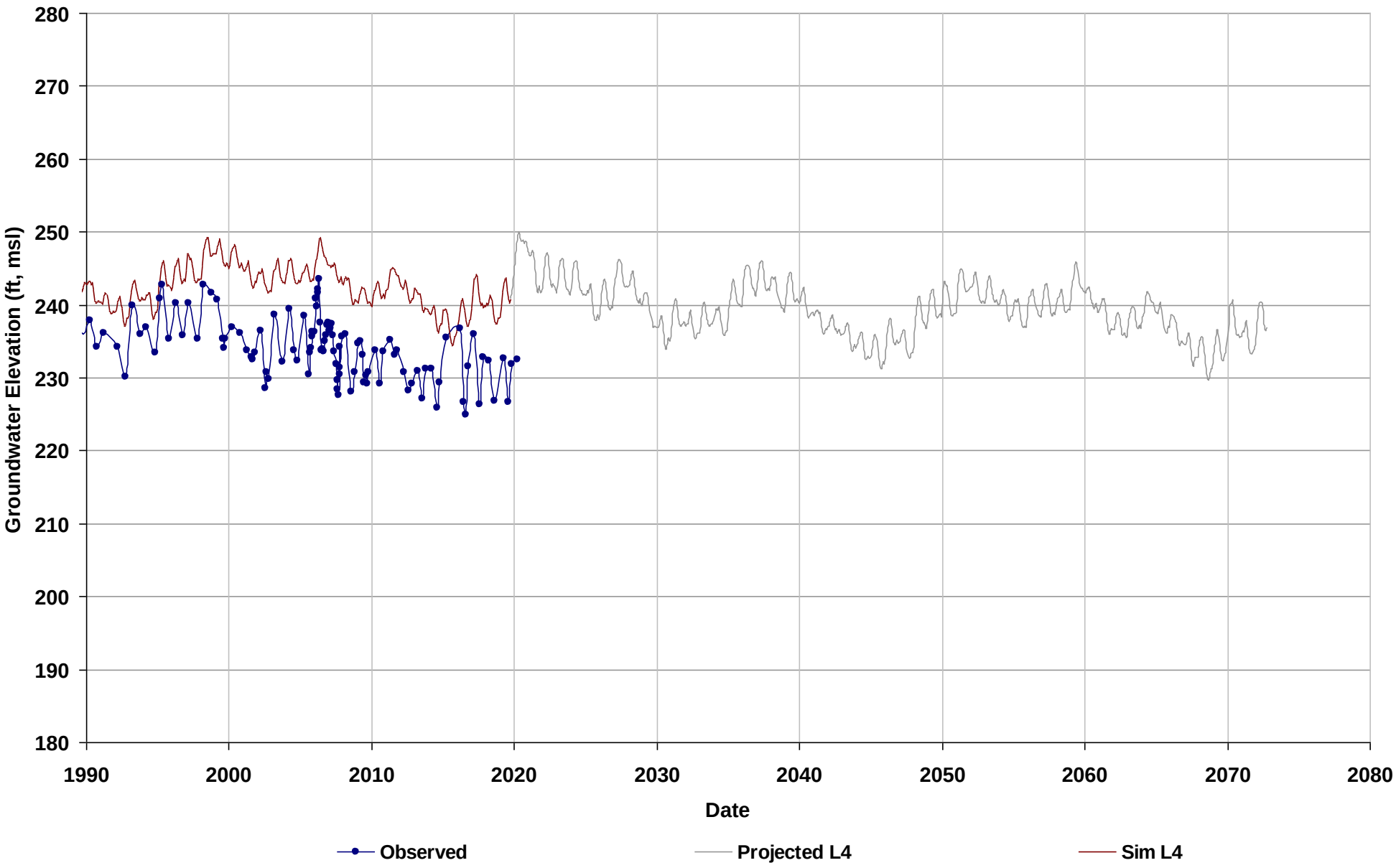
Total Depth (ft): 145
Perf Top (ft): 55
Perf Bottom (ft): 145
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 27N02W31C001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 263

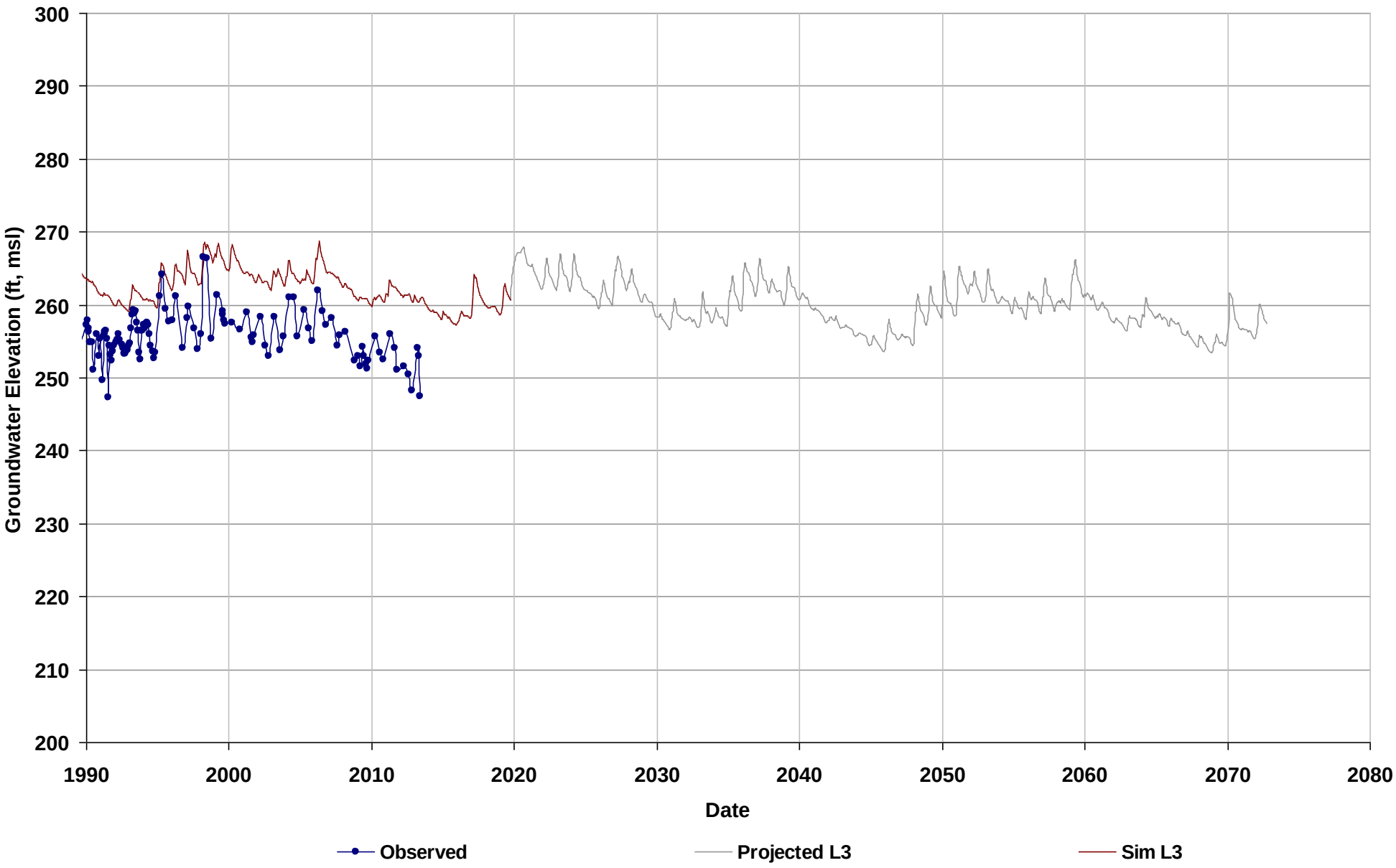
Total Depth (ft): 540
Perf Top (ft): 40
Perf Bottom (ft): 289
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 27N03W10B001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 312

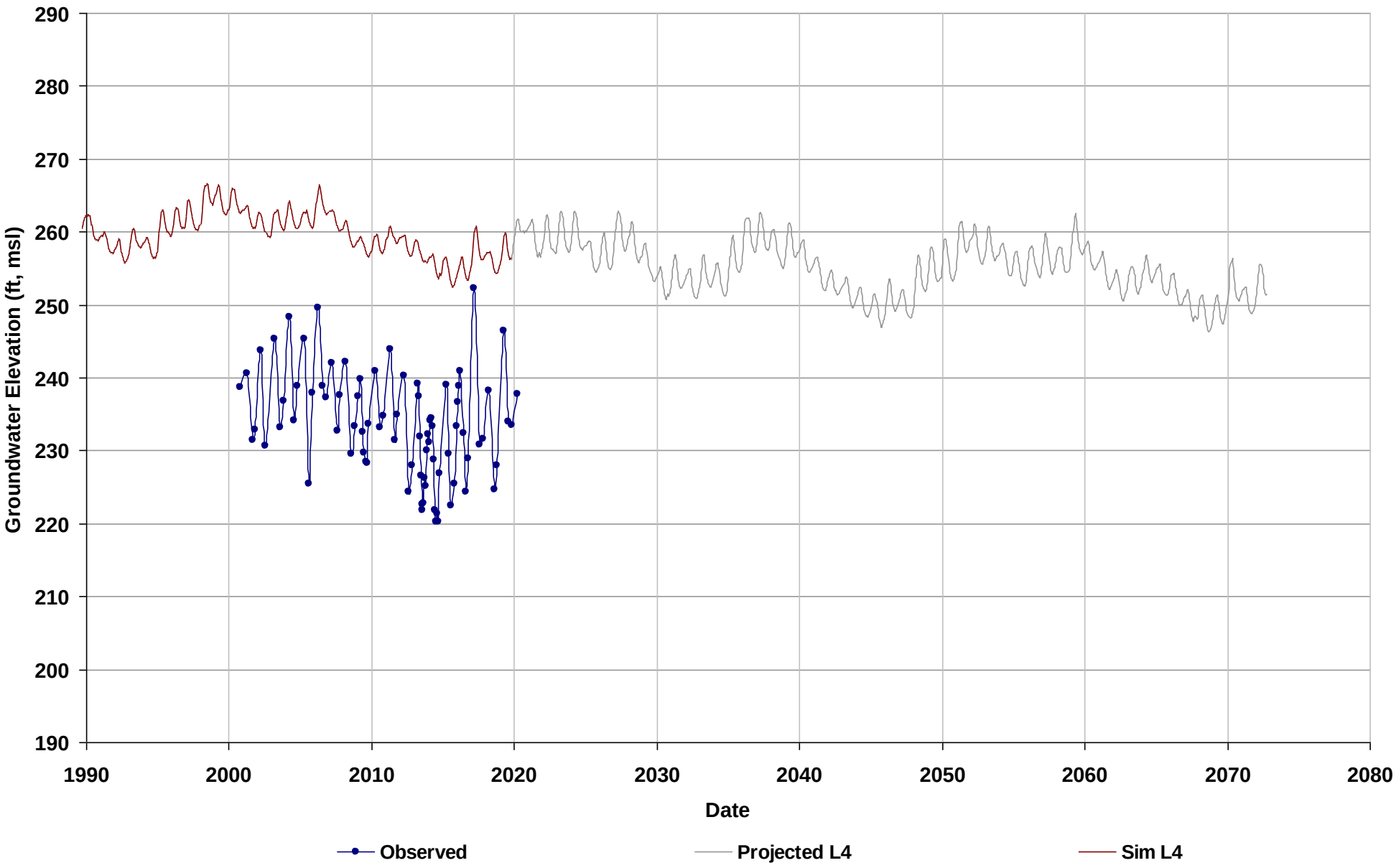
Total Depth (ft): 92
Perf Top (ft): 80
Perf Bottom (ft): 92
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 27N03W16K003M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 273

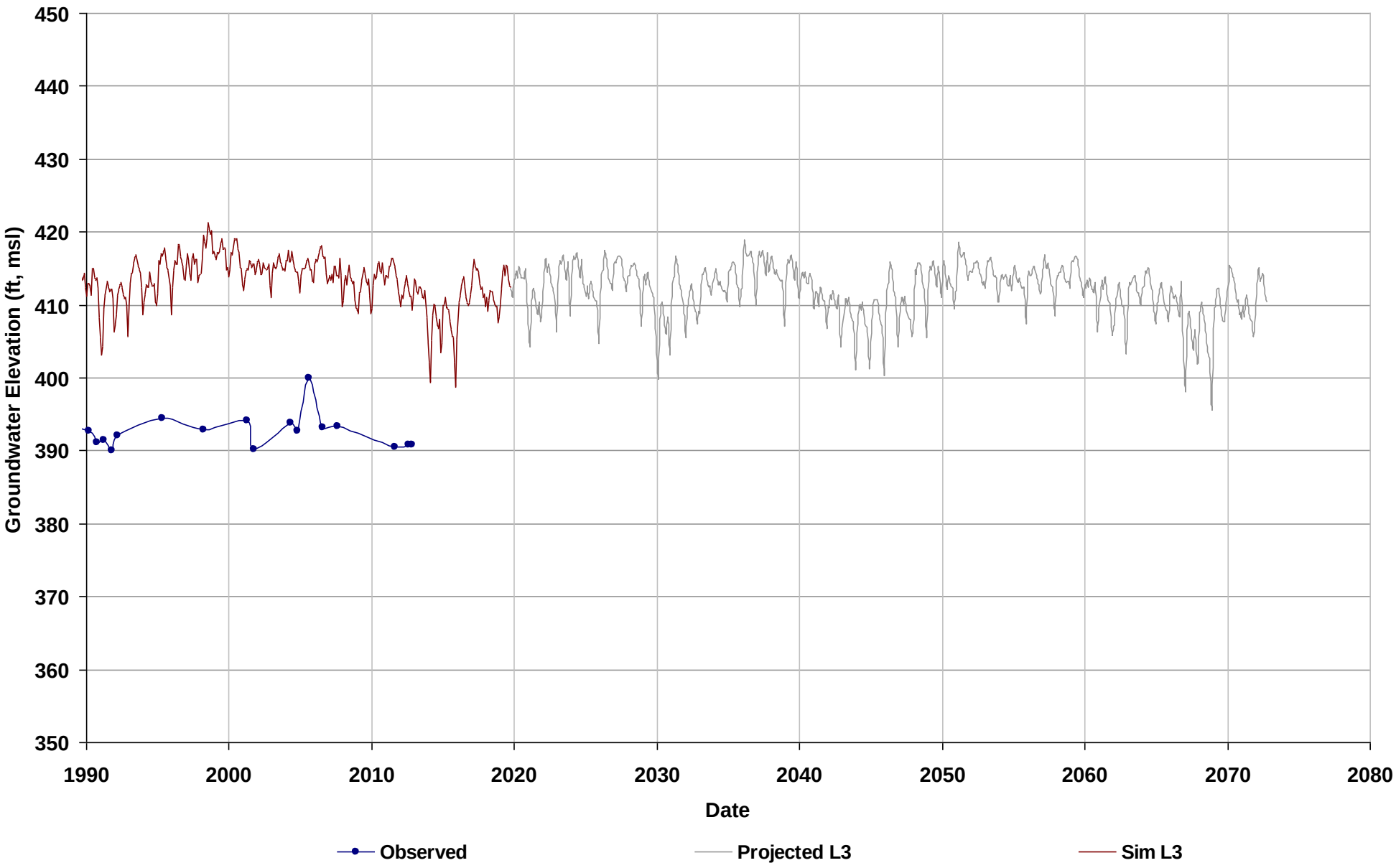
Total Depth (ft): 137
Perf Top (ft): 117
Perf Bottom (ft): 137
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N04W15E002M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 427

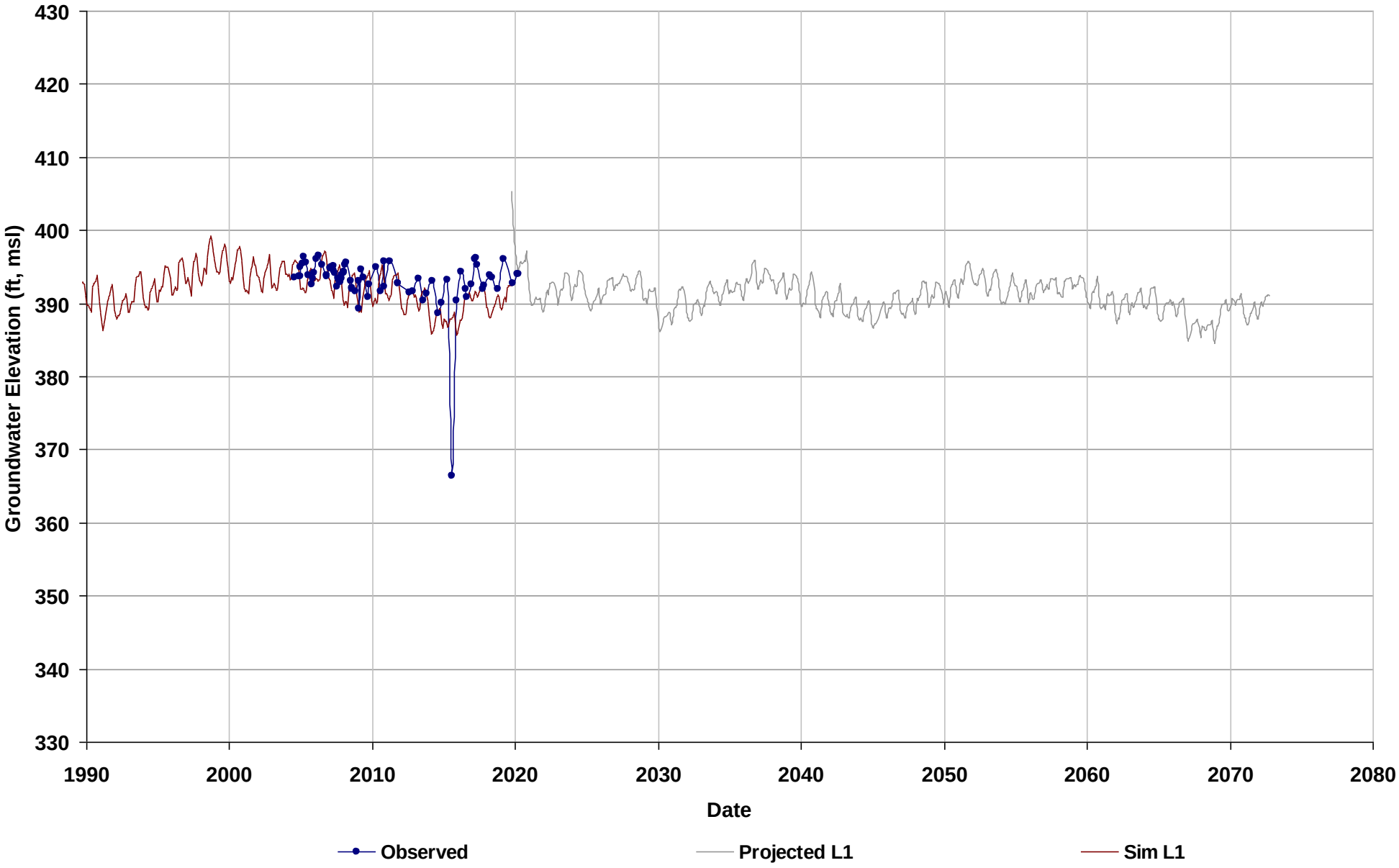
Total Depth (ft): 90
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N03W18M001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 418

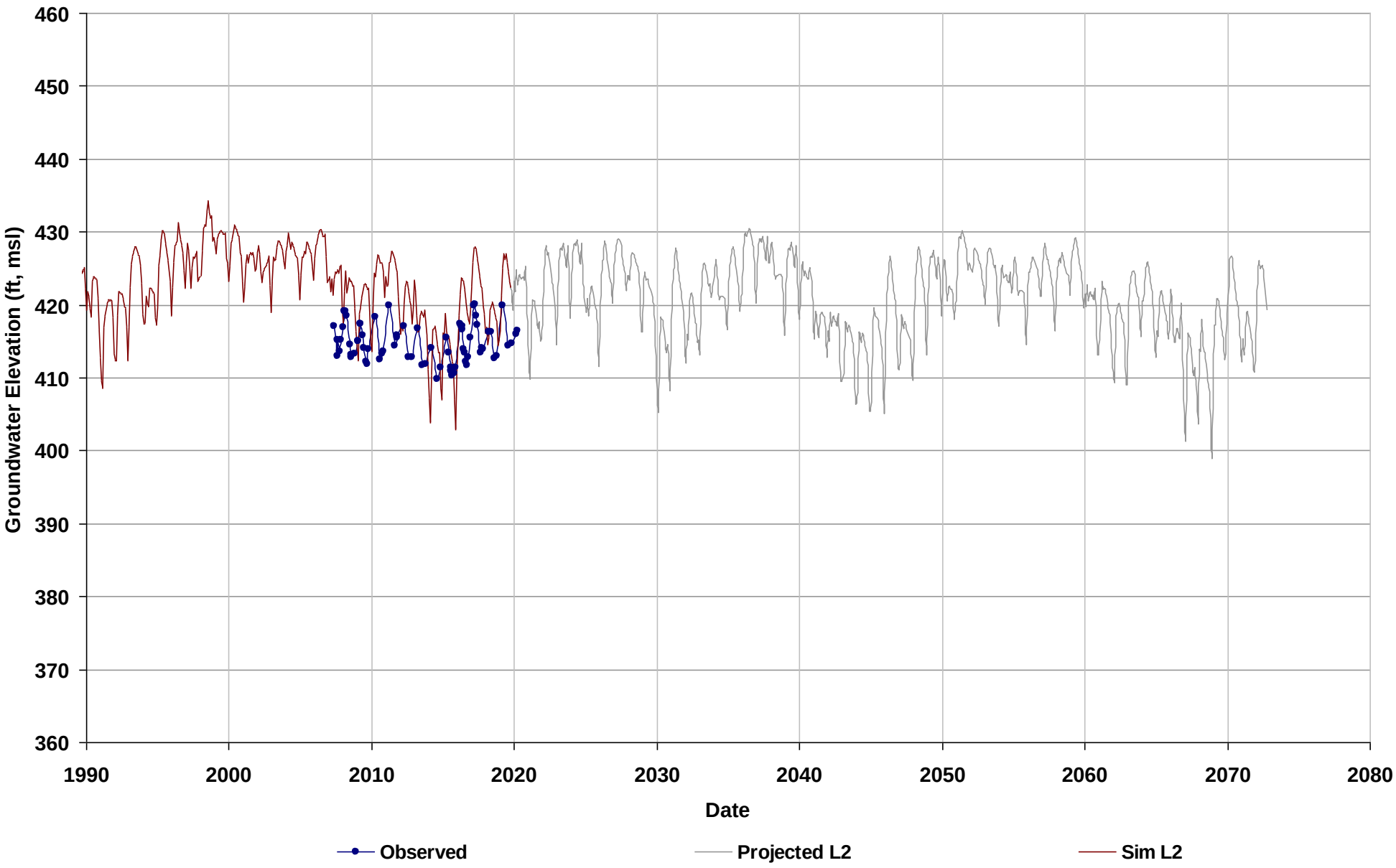
Total Depth (ft): 234
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N04W20A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

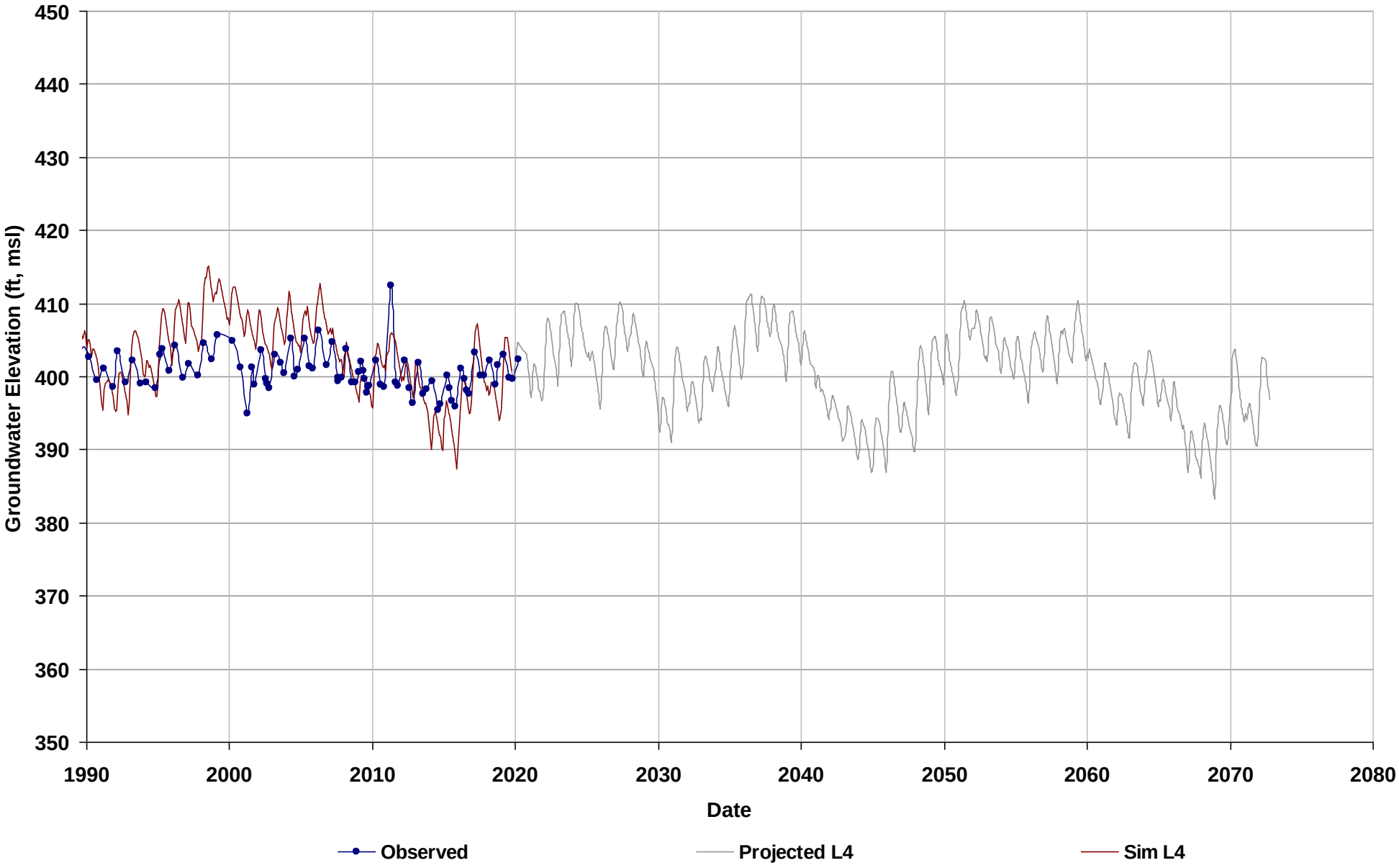
Total Depth (ft): 76
Perf Top (ft): 50
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N04W28D001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 502

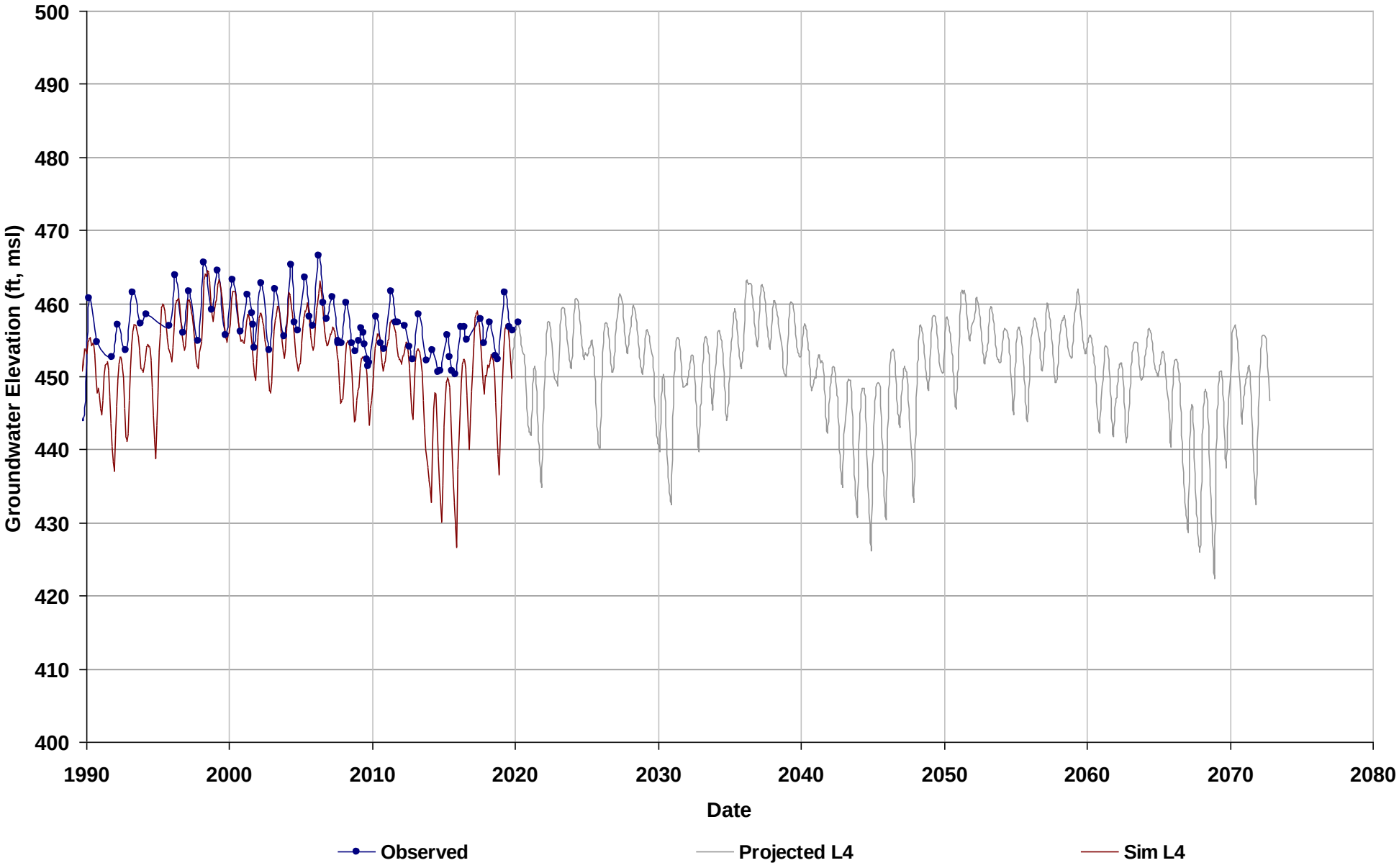
Total Depth (ft): 134
Perf Top (ft): 114
Perf Bottom (ft): 134
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N05W14L001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 492

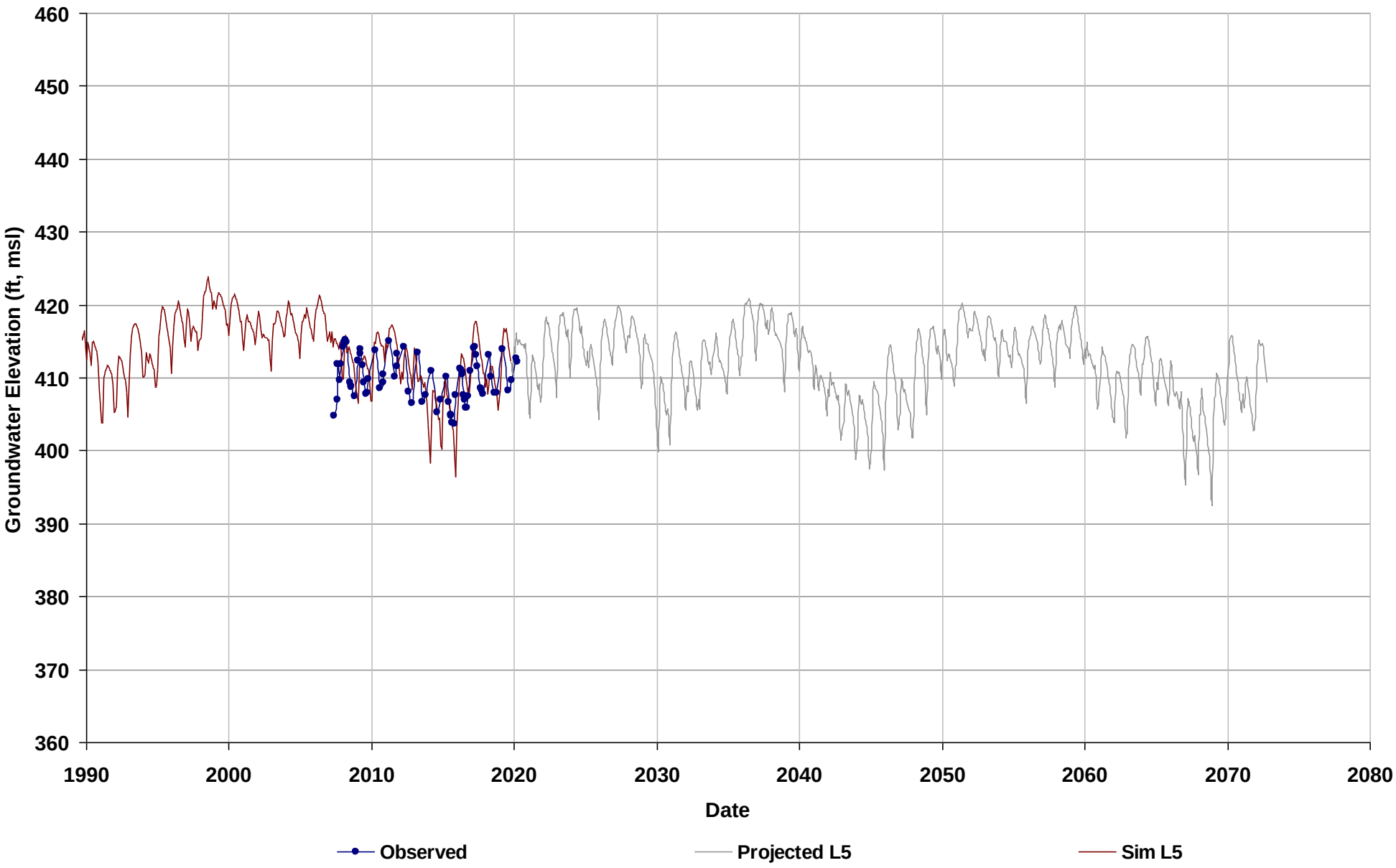
Total Depth (ft): 130
Perf Top (ft): 110
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N04W20A003M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

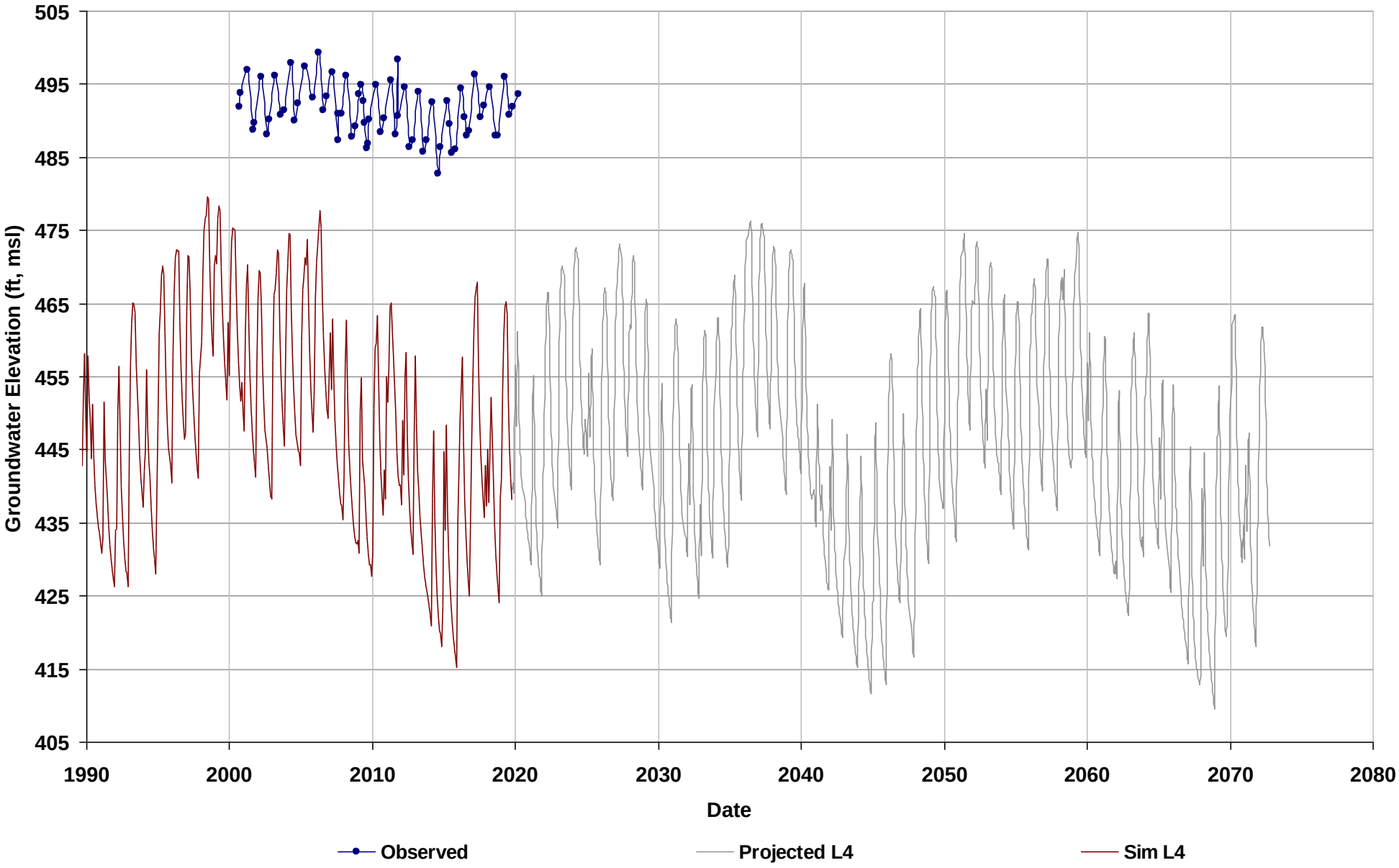
Total Depth (ft): 194
Perf Top (ft): 154
Perf Bottom (ft): 189
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N05W33A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 534

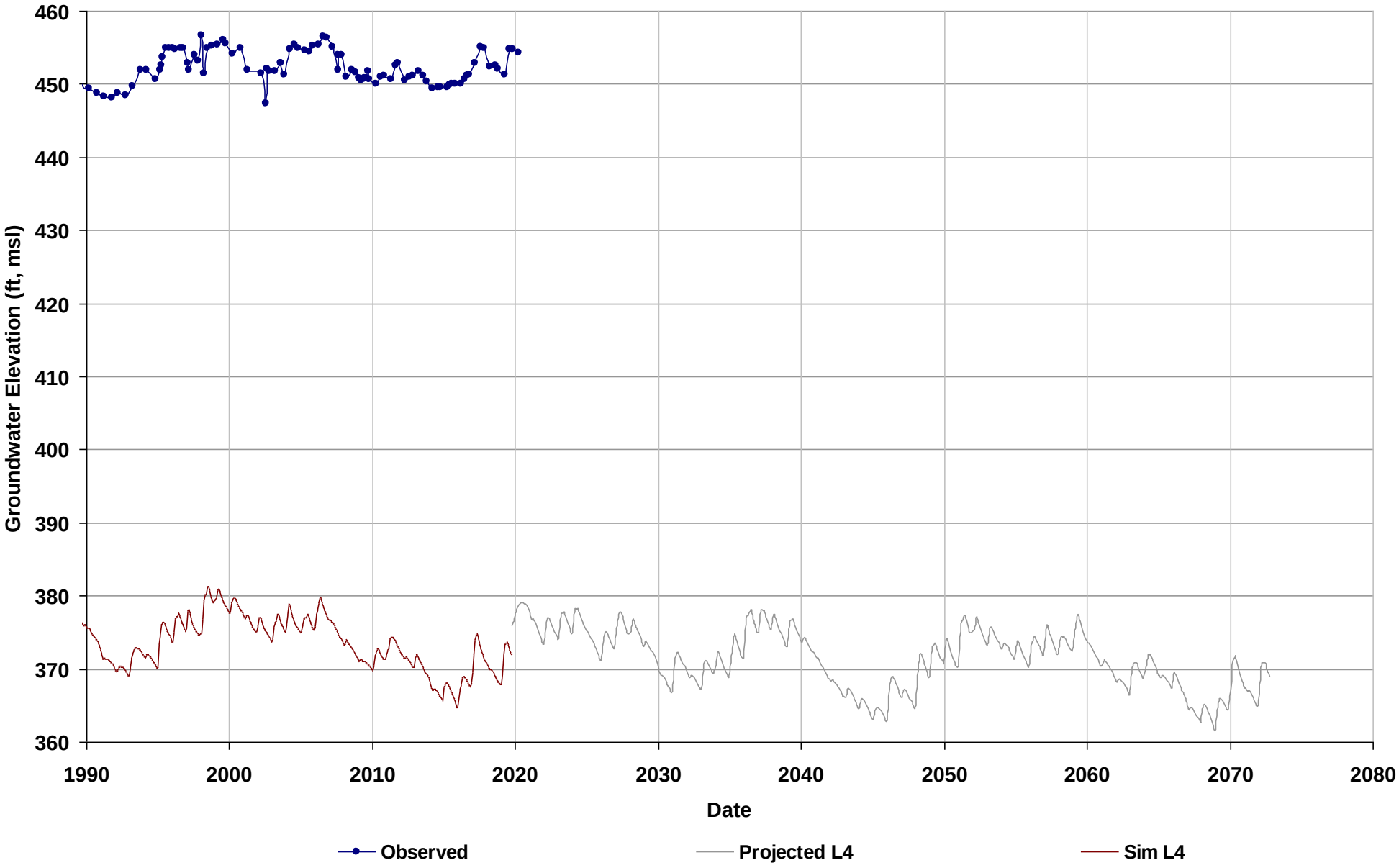
Total Depth (ft): 210
Perf Top (ft): 110
Perf Bottom (ft): 210
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N04W35B001M
Depth Zone: Composite
Subbasin: Bowman
GSE (ft, msl): 537

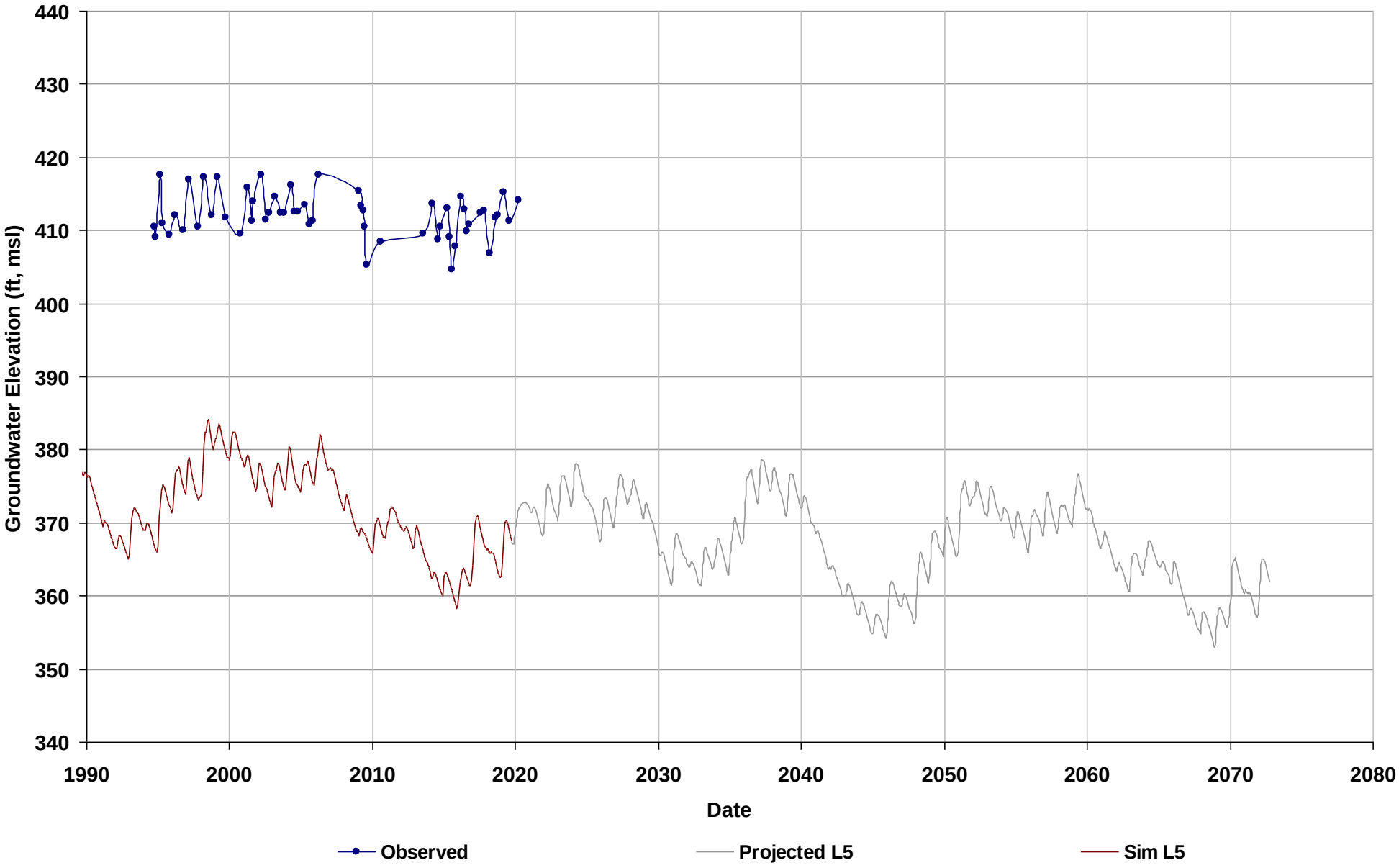
Total Depth (ft): 759
Perf Top (ft): 130
Perf Bottom (ft): 759
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 28N04W04P001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 537

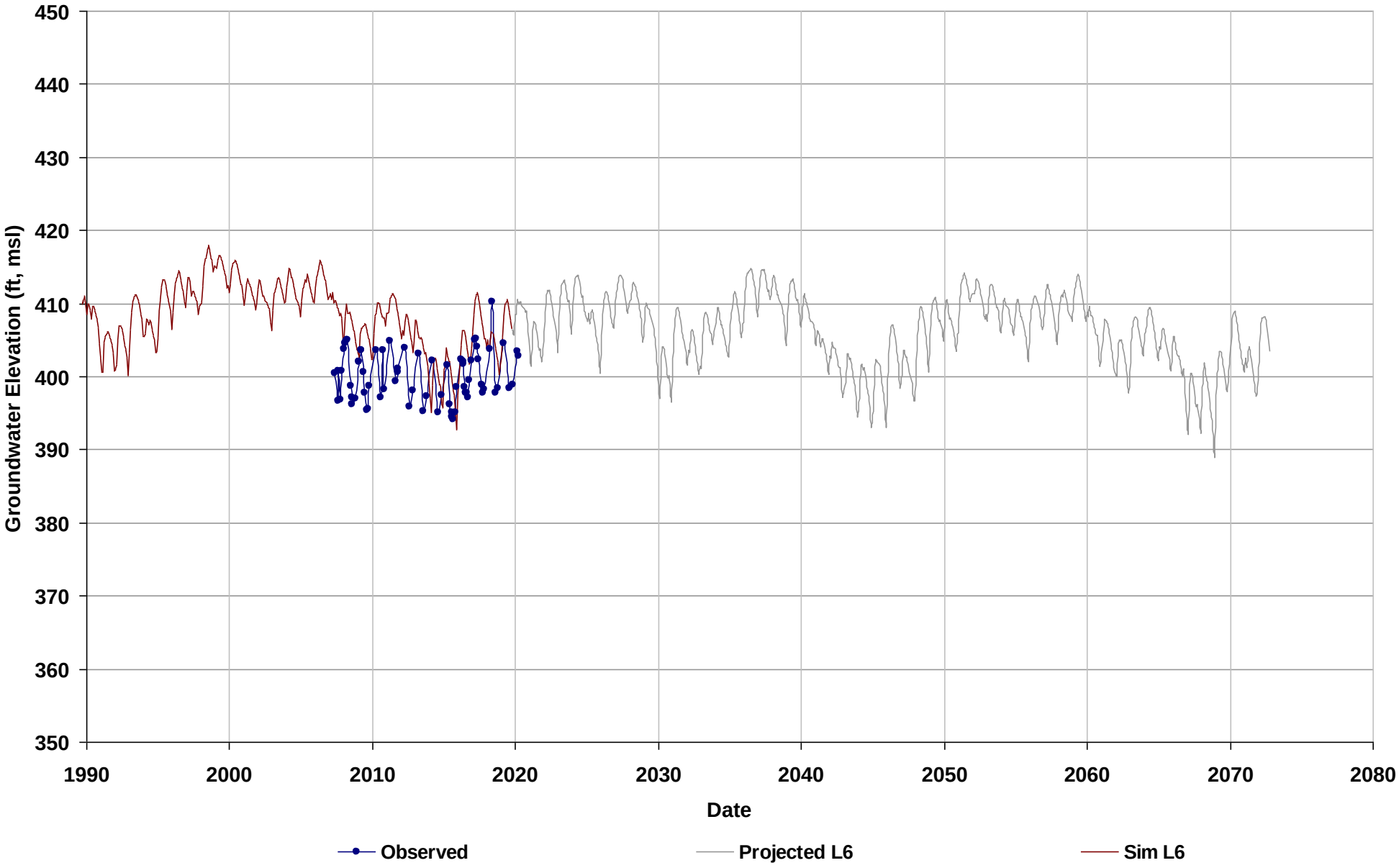
Total Depth (ft): 270
Perf Top (ft): 200
Perf Bottom (ft): 270
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N04W20A002M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

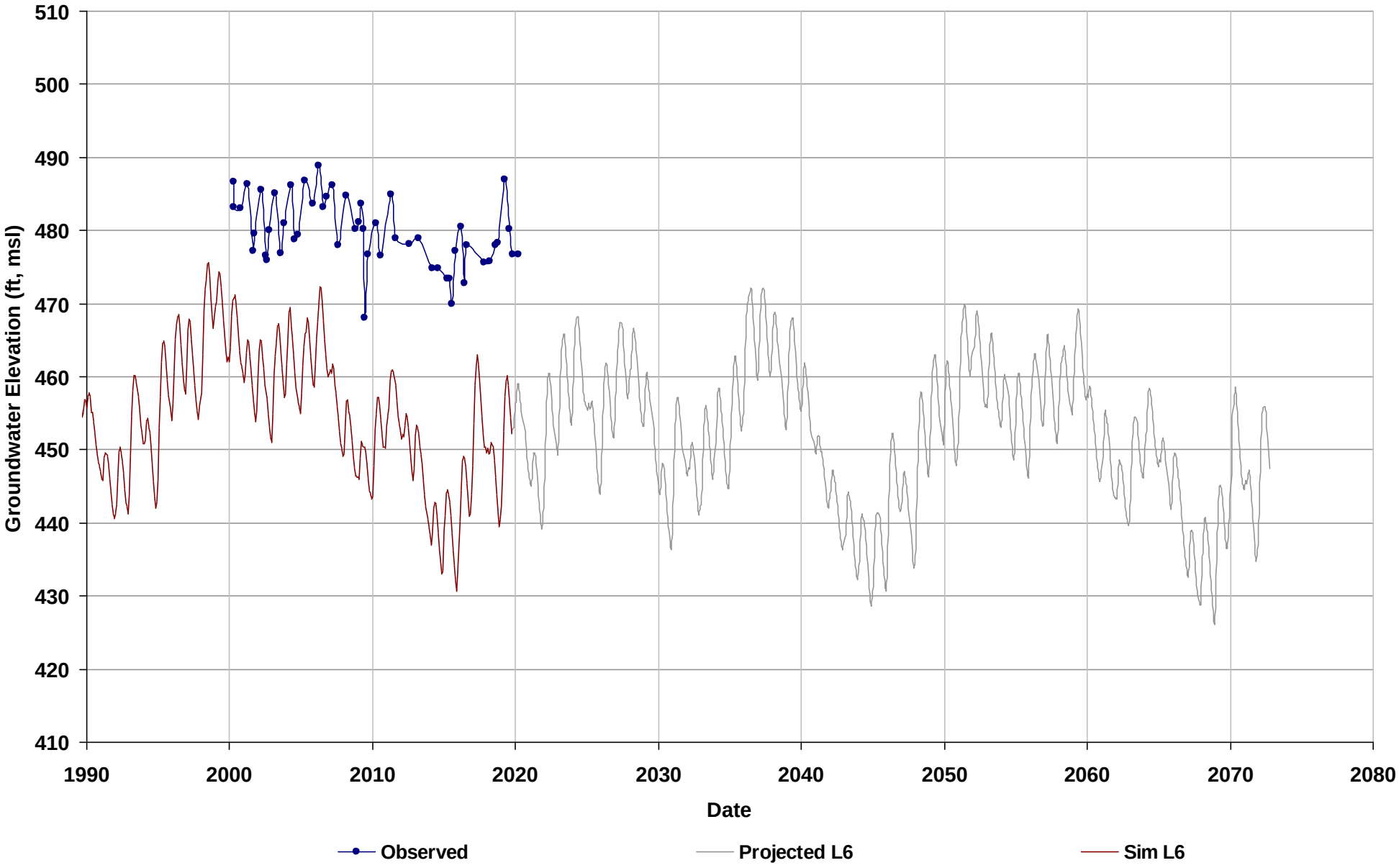
Total Depth (ft): 451
Perf Top (ft): 360
Perf Bottom (ft): 430
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N05W21H001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 622

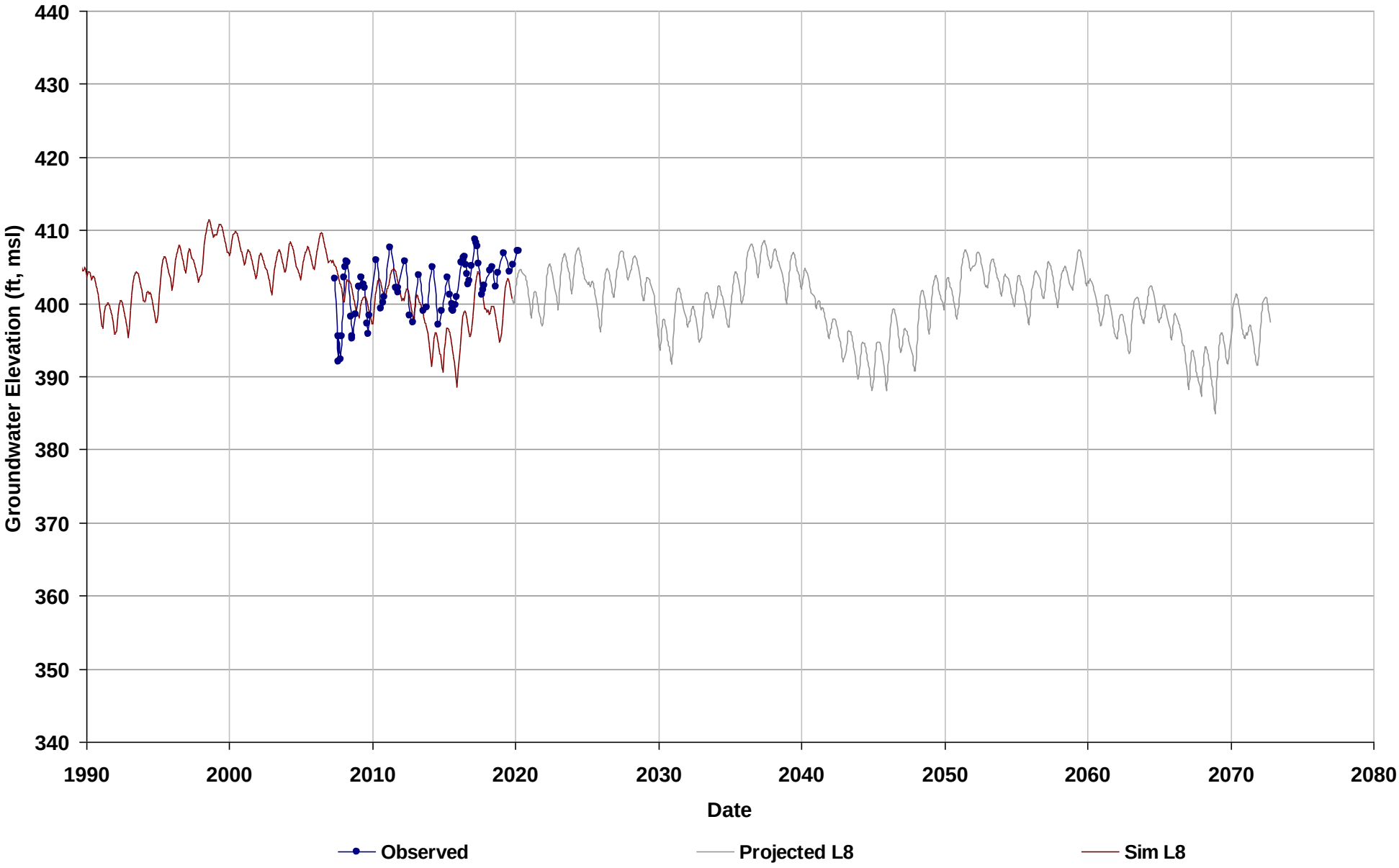
Total Depth (ft): 280
Perf Top (ft): 250
Perf Bottom (ft): 280
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N04W20A001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

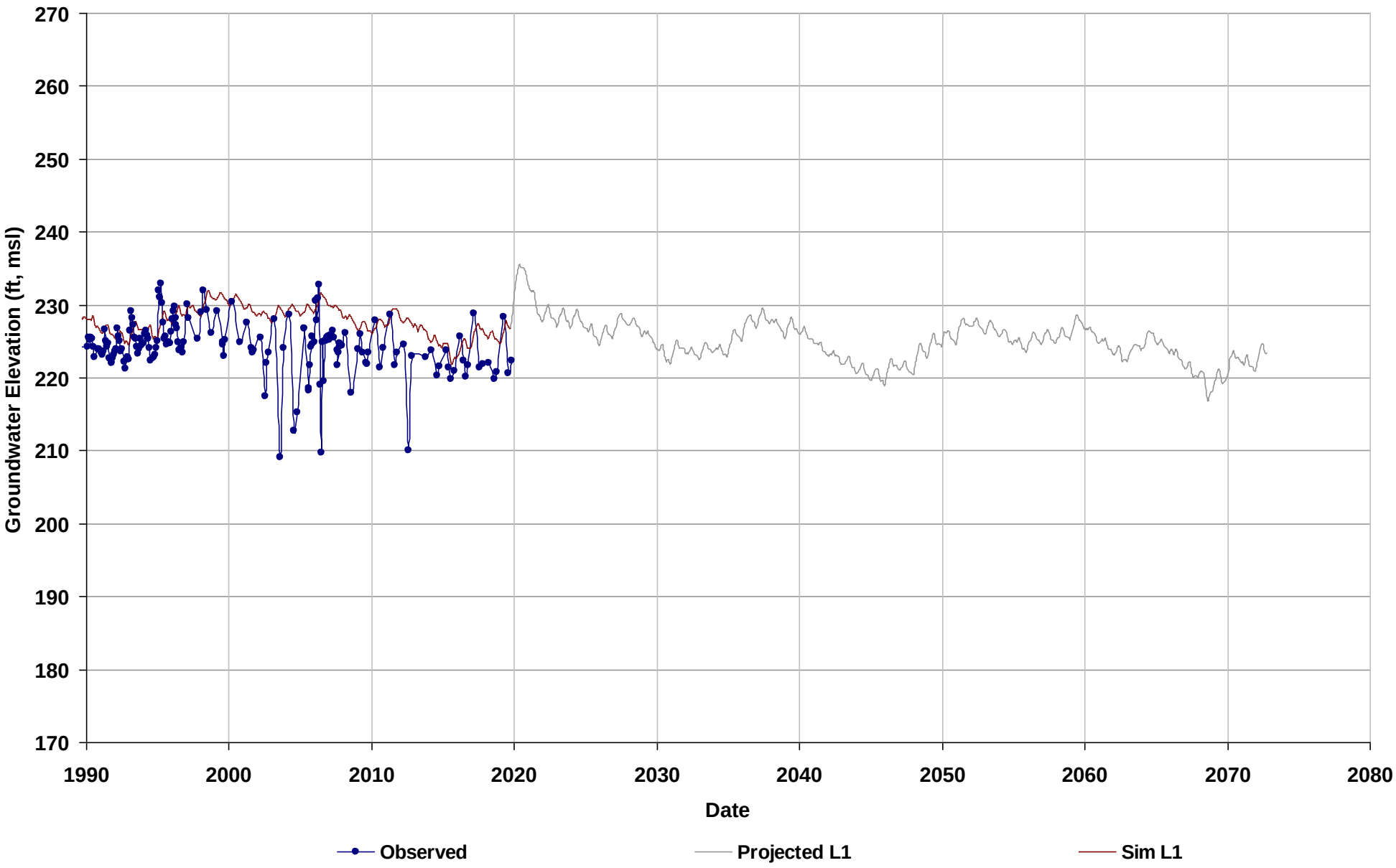
Total Depth (ft): 876
Perf Top (ft): 755
Perf Bottom (ft): 855
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 26N02W16C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 242

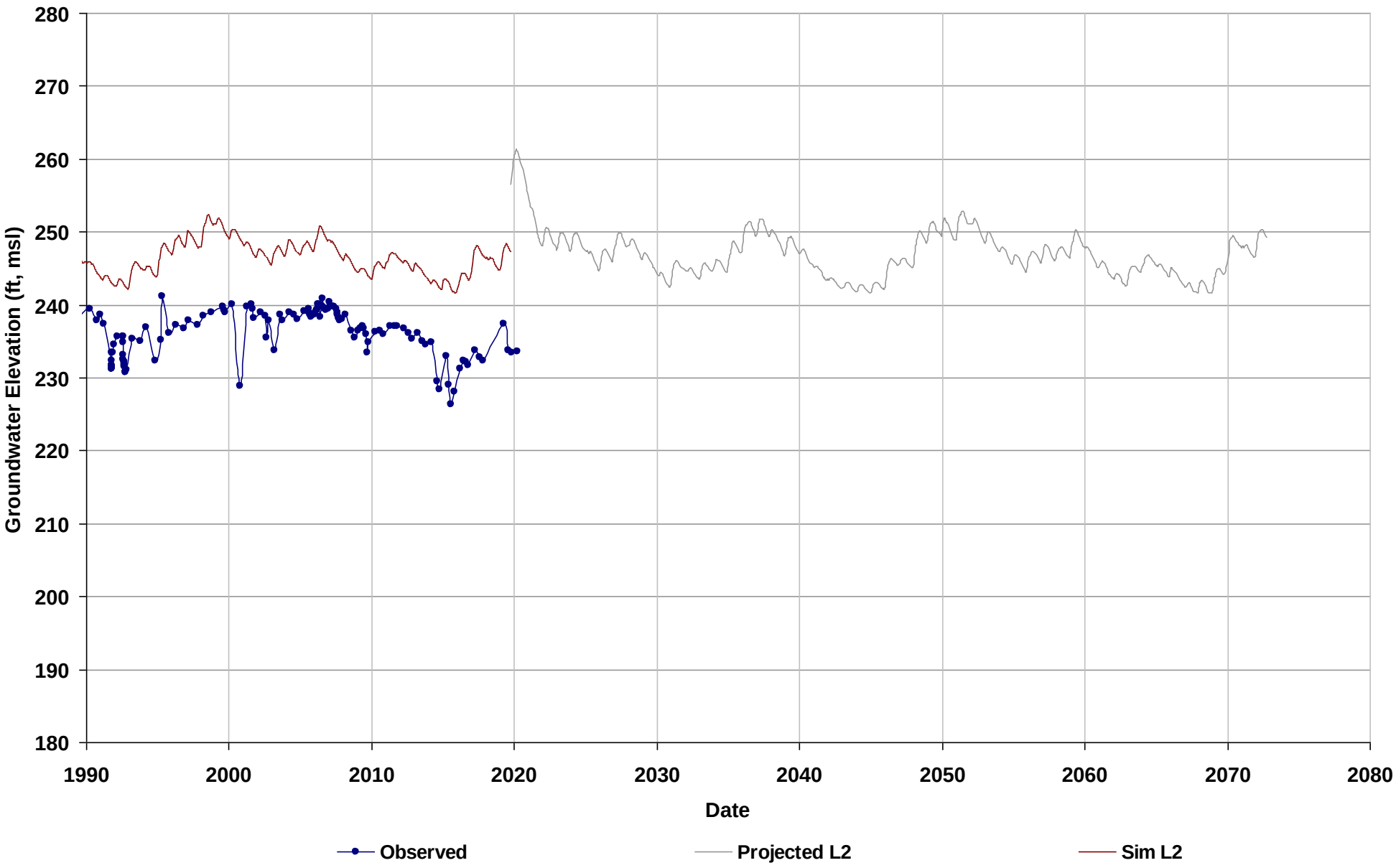
Total Depth (ft): 50
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 26N02W14G001M
Depth Zone: Likely Composite
Subbasin: Los Molinos
GSE (ft, msl): 314

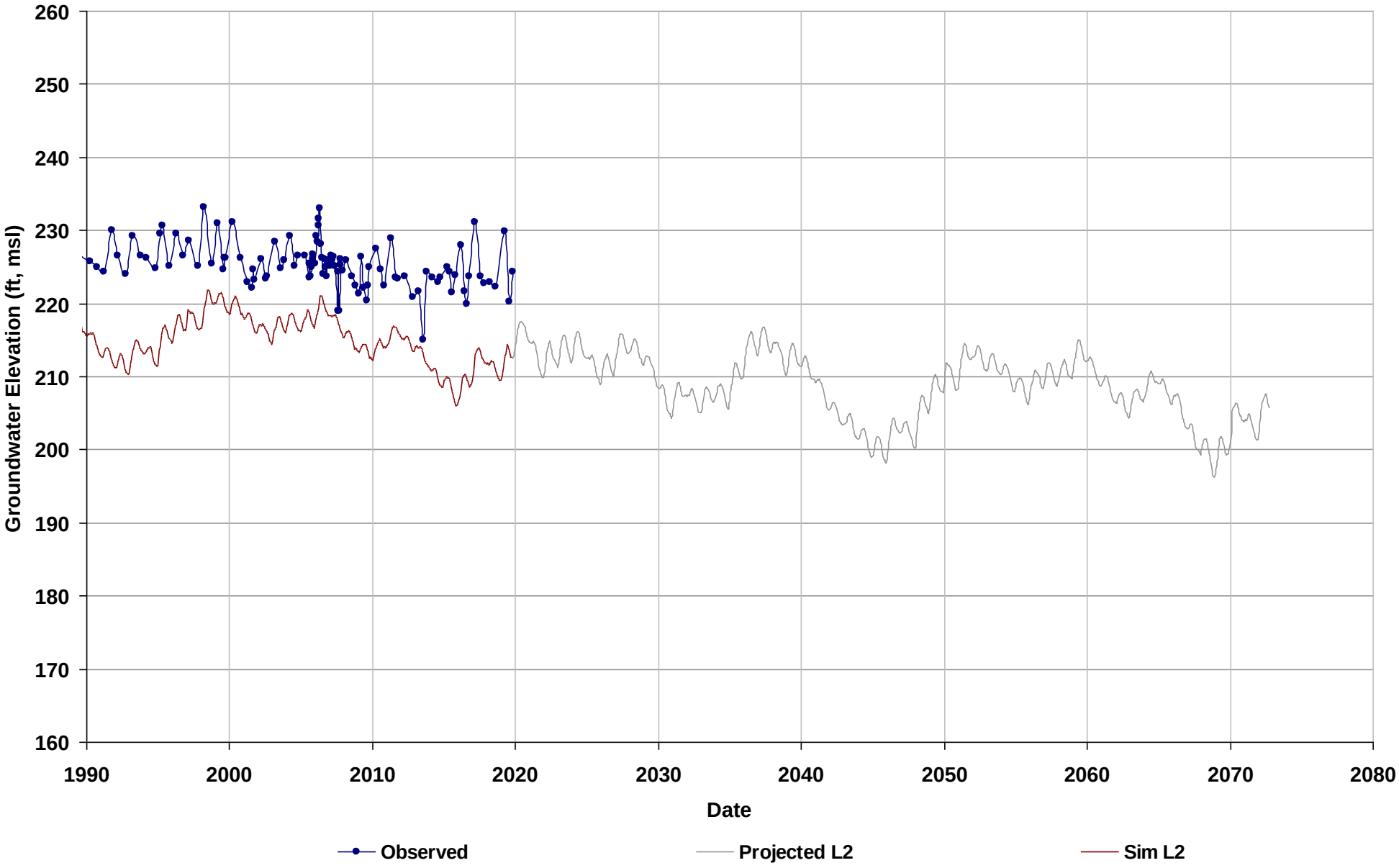
Total Depth (ft): 394
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 25N02W09G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 264

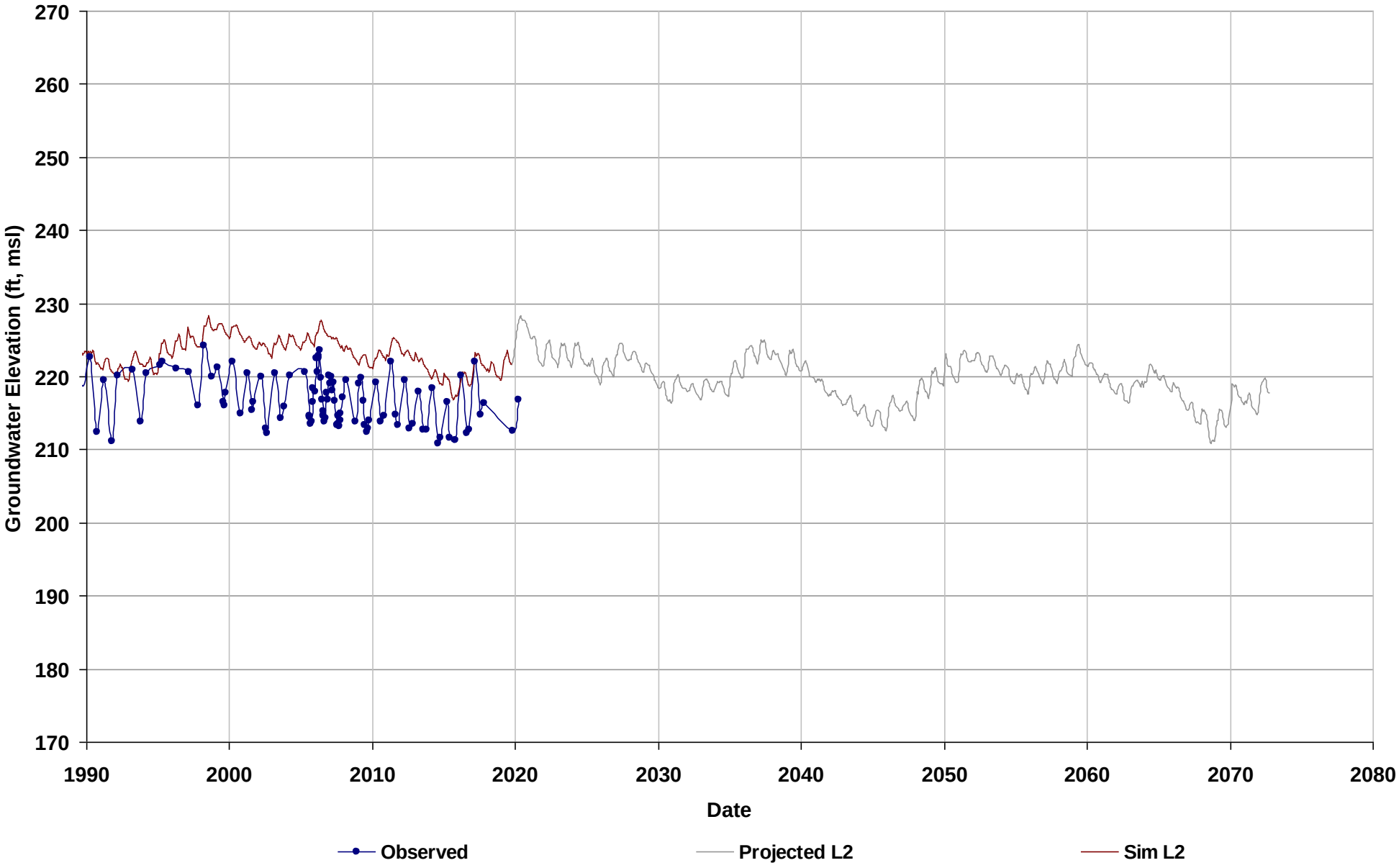
Total Depth (ft): 60
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 26N02W21Q001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 237

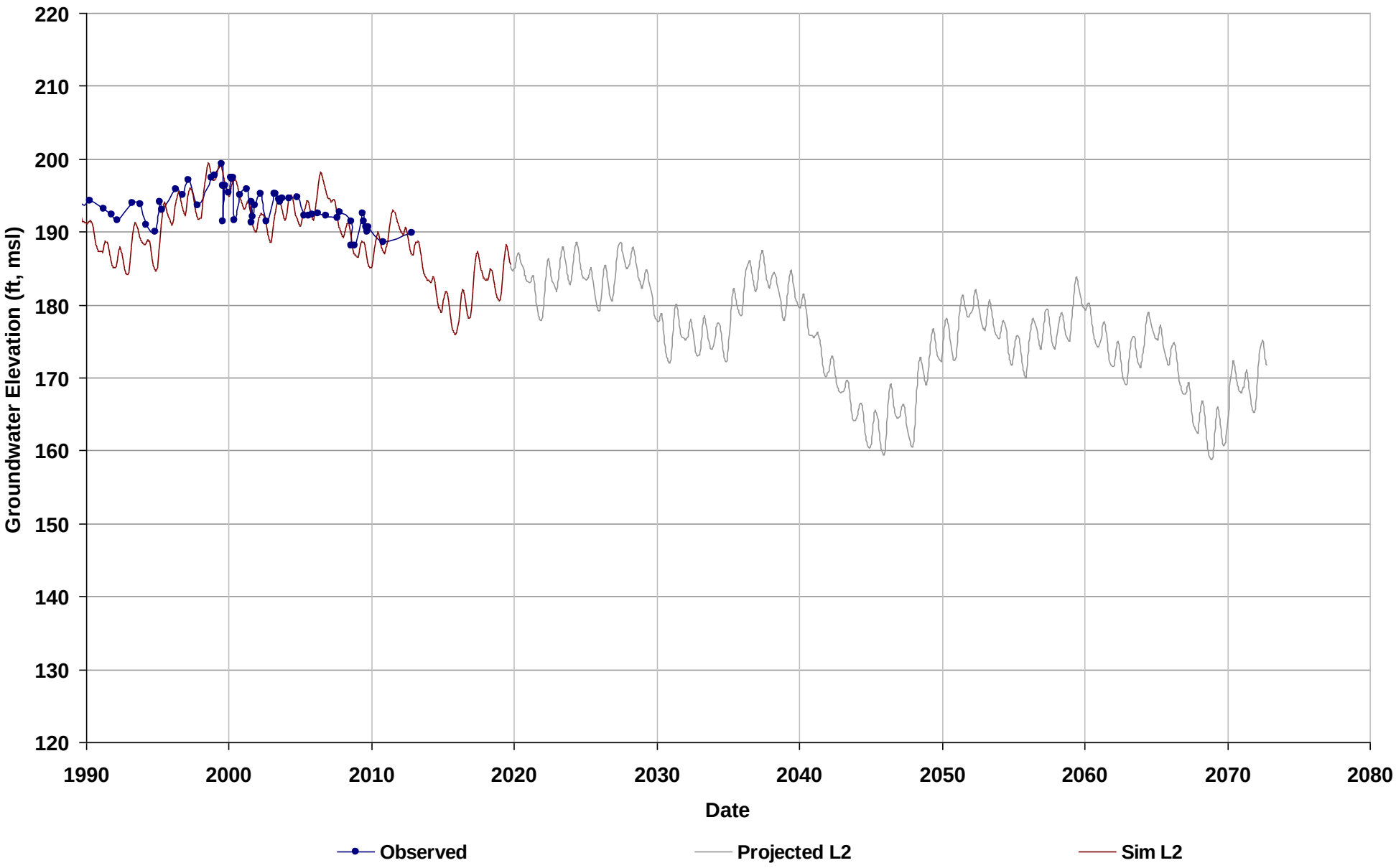
Total Depth (ft): 55
Perf Top (ft): 48
Perf Bottom (ft): 55
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 24N01W18N001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 256

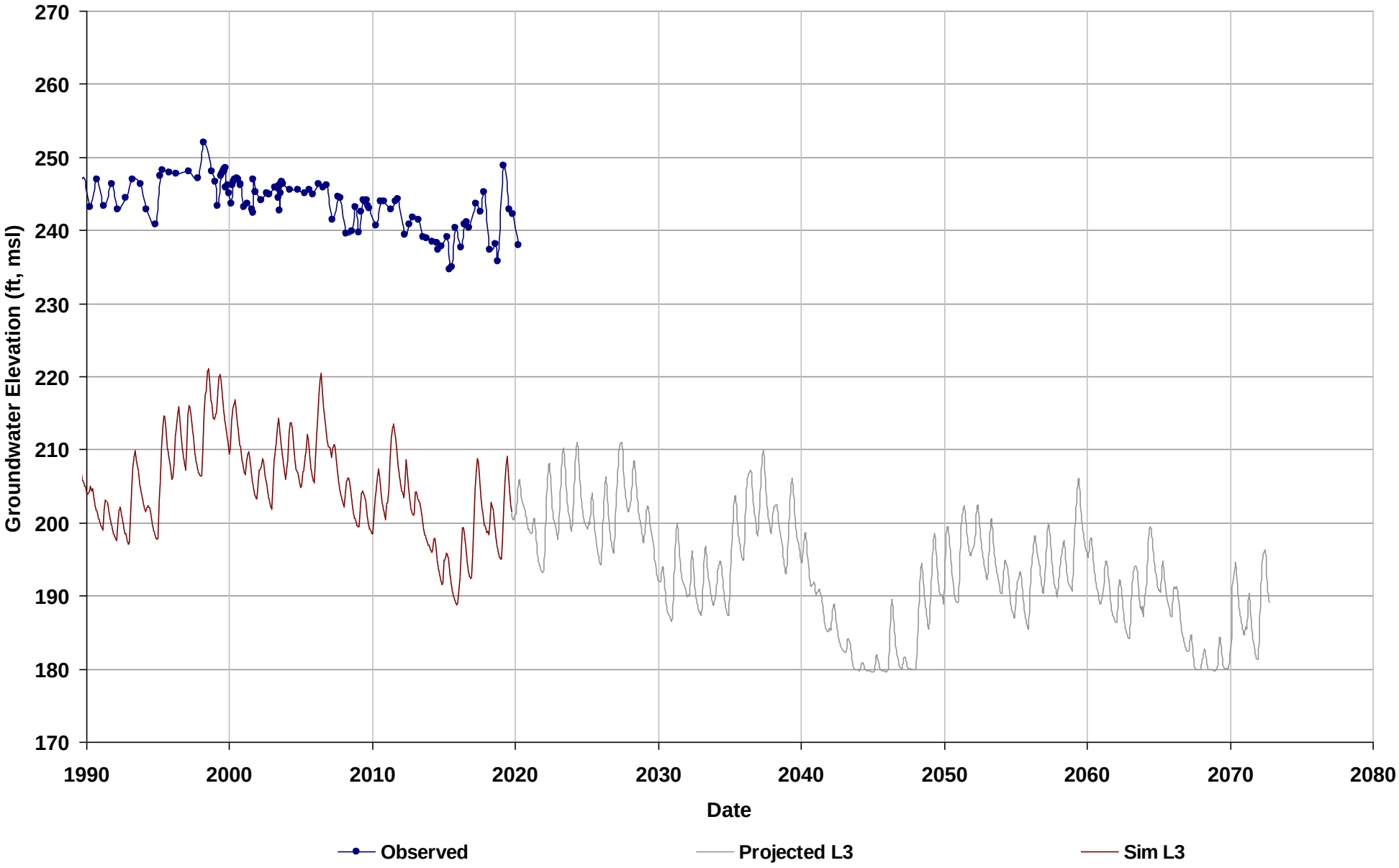
Total Depth (ft): 102
Perf Top (ft): 64
Perf Bottom (ft): 76
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 24N01W05Q002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 289

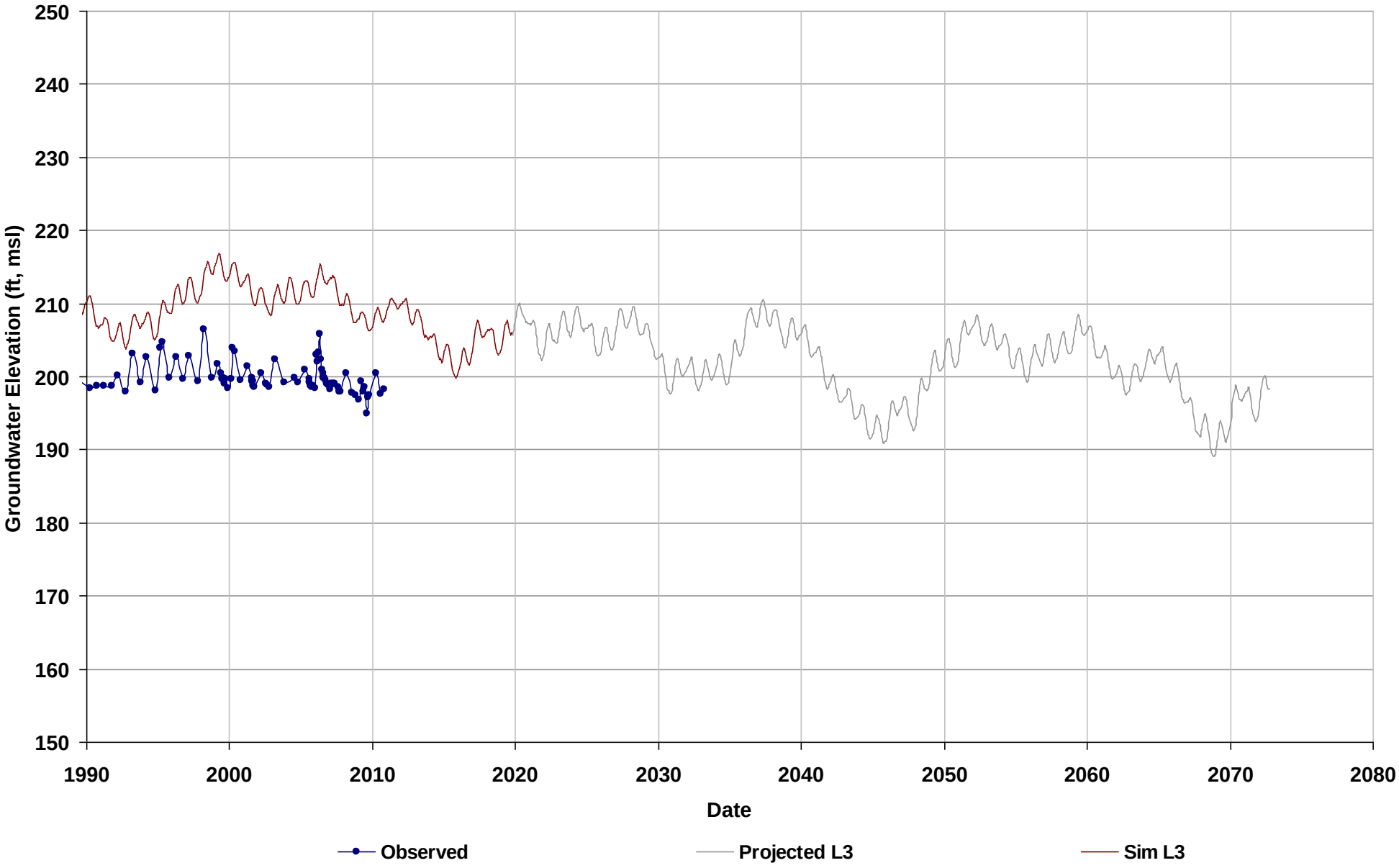
Total Depth (ft): 150
Perf Top (ft): 60
Perf Bottom (ft): 150
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 25N02W21B001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 212

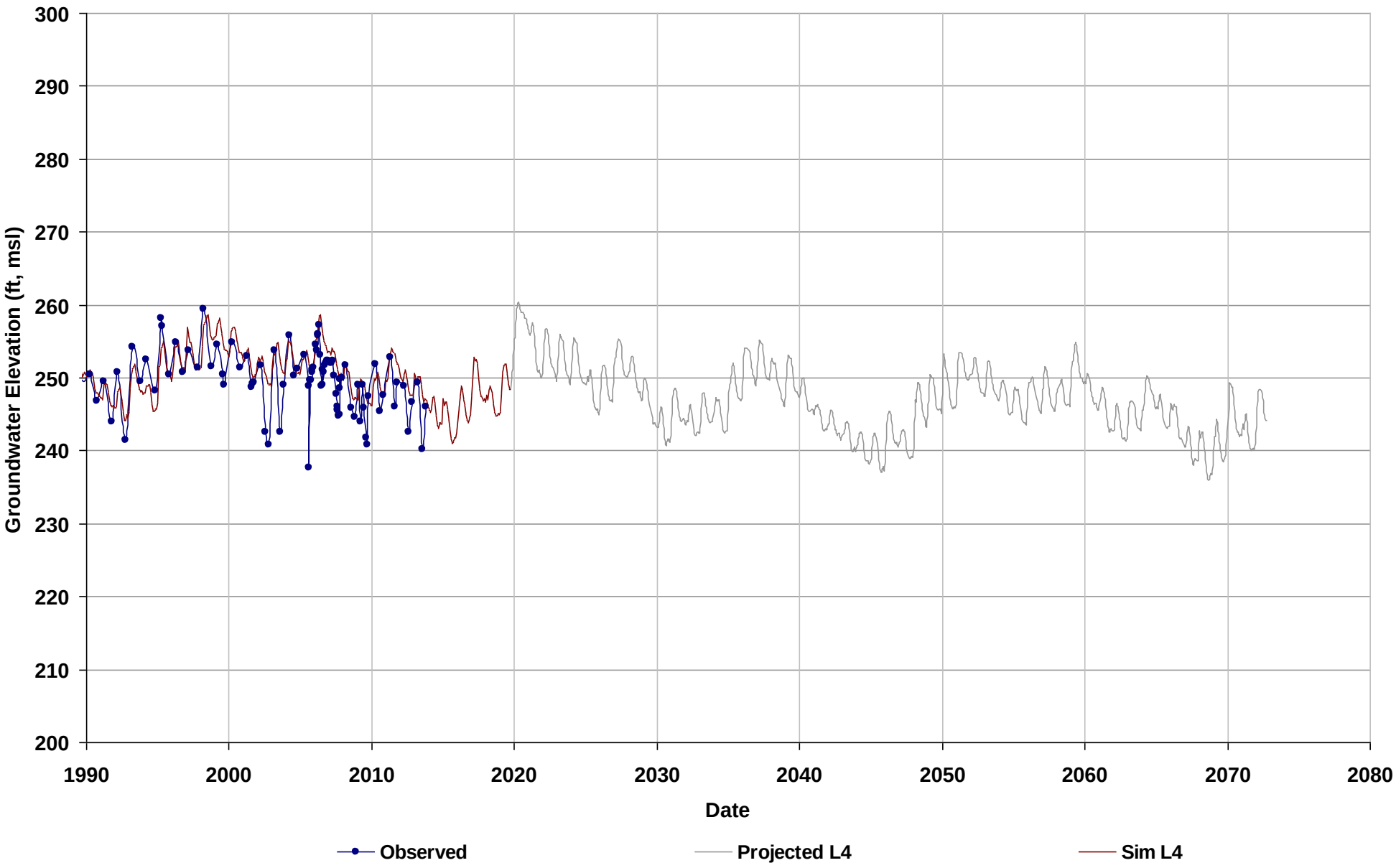
Total Depth (ft): 110
Perf Top (ft): 52
Perf Bottom (ft): 110
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 27N02W30C002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 282

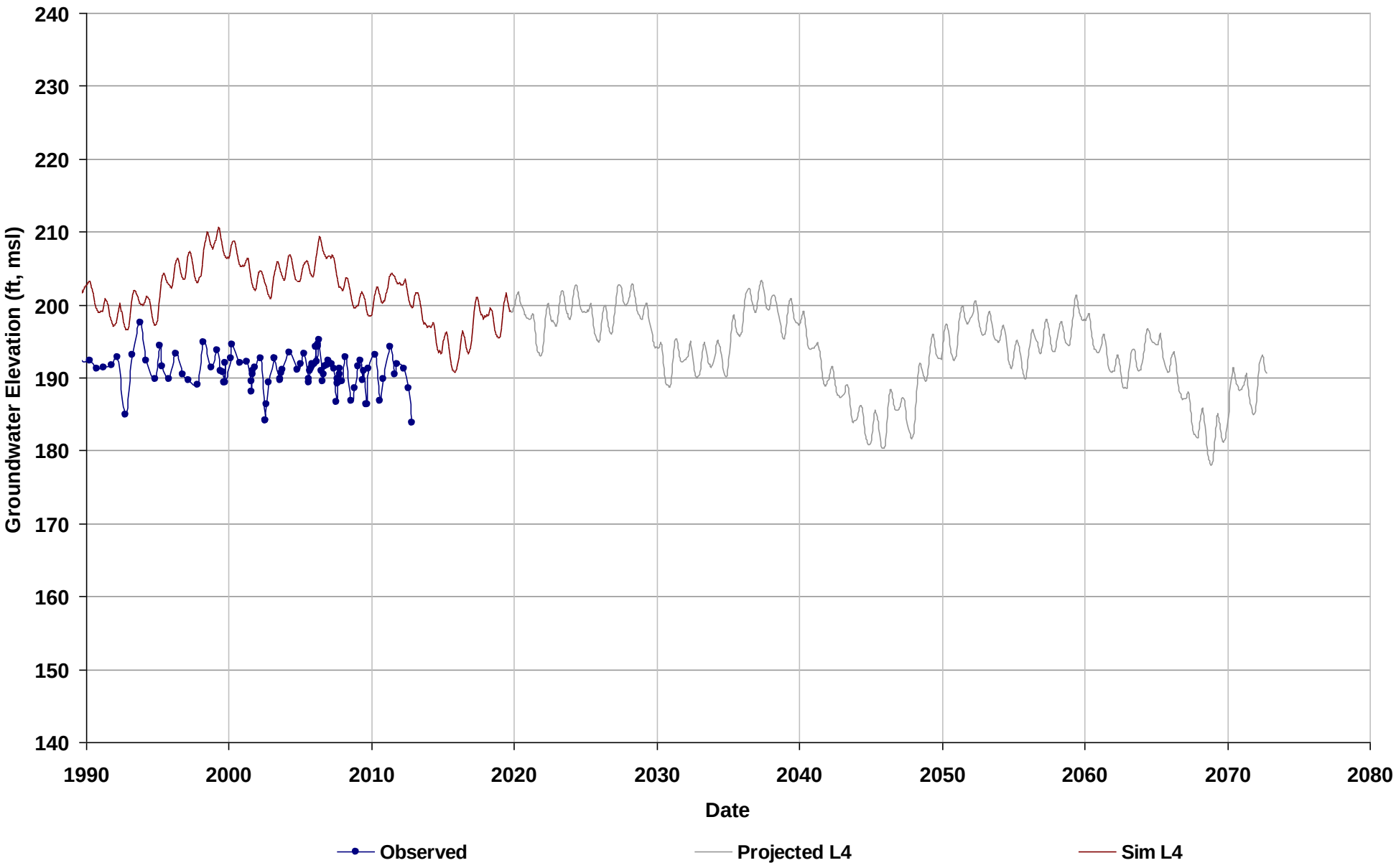
Total Depth (ft): 296
Perf Top (ft): 50
Perf Bottom (ft): 163
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 25N02W34K001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 206

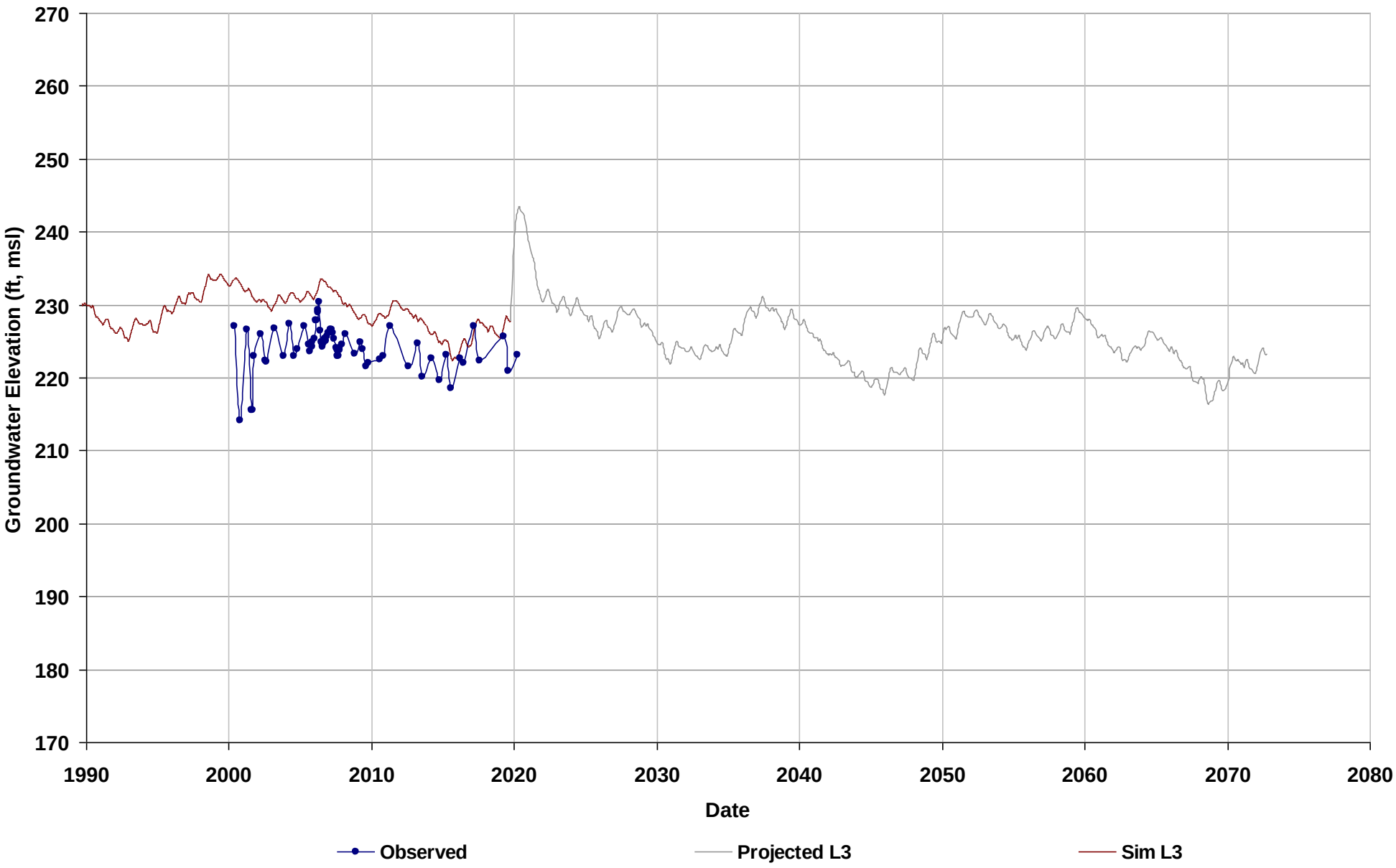
Total Depth (ft): 235
Perf Top (ft): 46
Perf Bottom (ft): 213
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 26N02W15C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 260

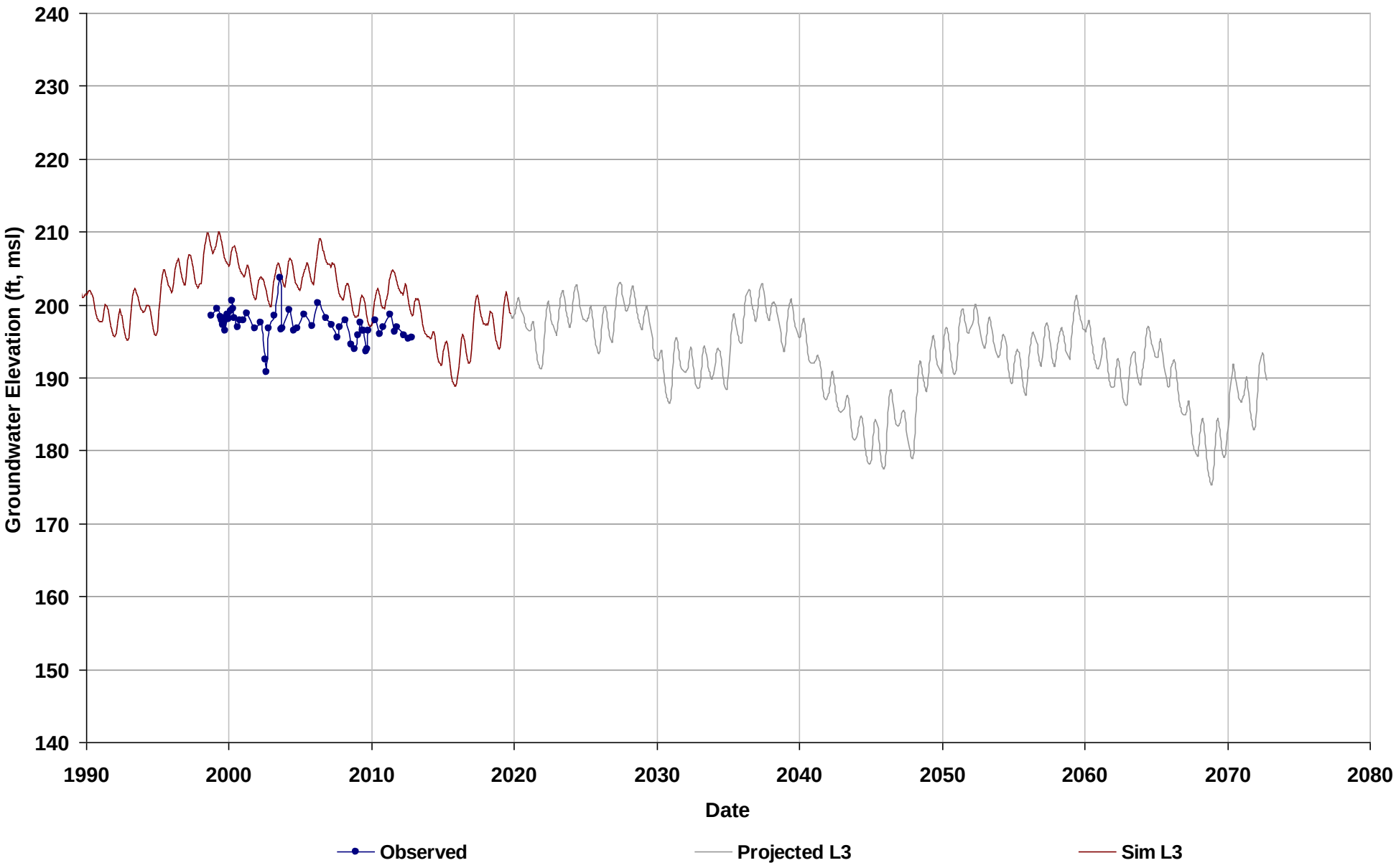
Total Depth (ft): 100
Perf Top (ft): 78
Perf Bottom (ft): 100
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 24N02W02E001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 202

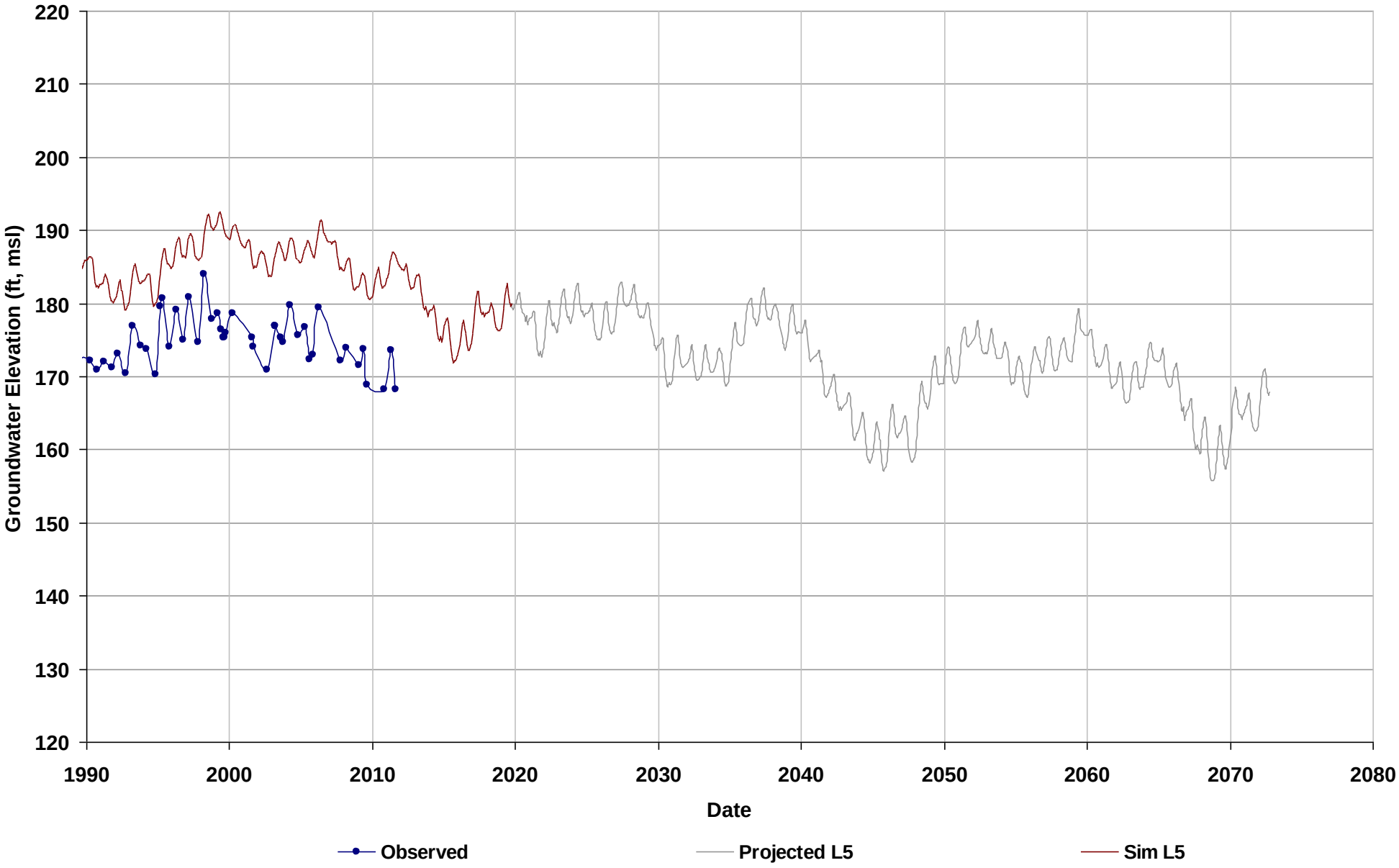
Total Depth (ft): 328
Perf Top (ft): 90
Perf Bottom (ft): 310
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 24N02W23G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 199

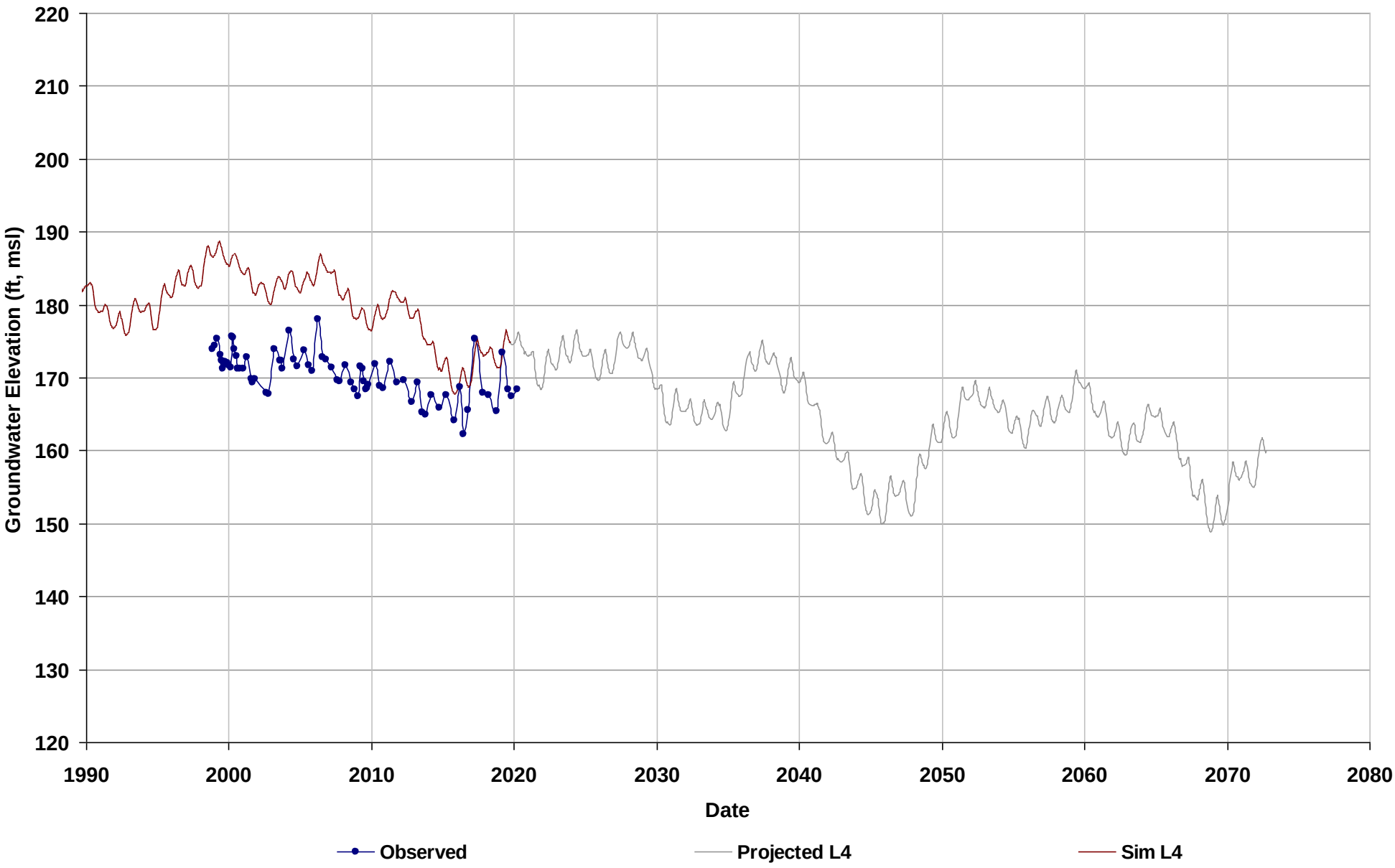
Total Depth (ft): 362
Perf Top (ft): 84
Perf Bottom (ft): 362
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 24N02W25G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 194

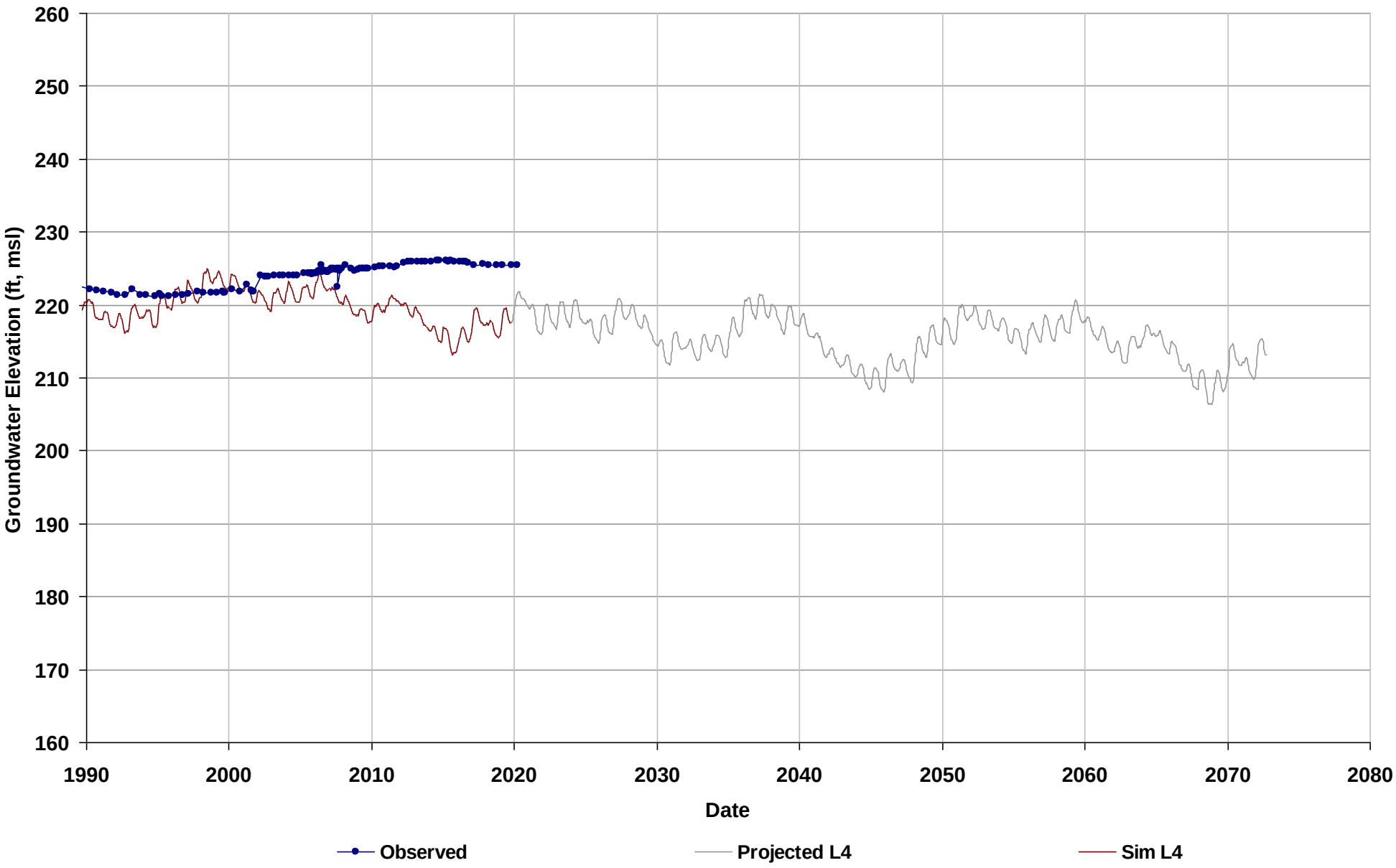
Total Depth (ft): 256
Perf Top (ft): 108
Perf Bottom (ft): 256
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 26N02W29R001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

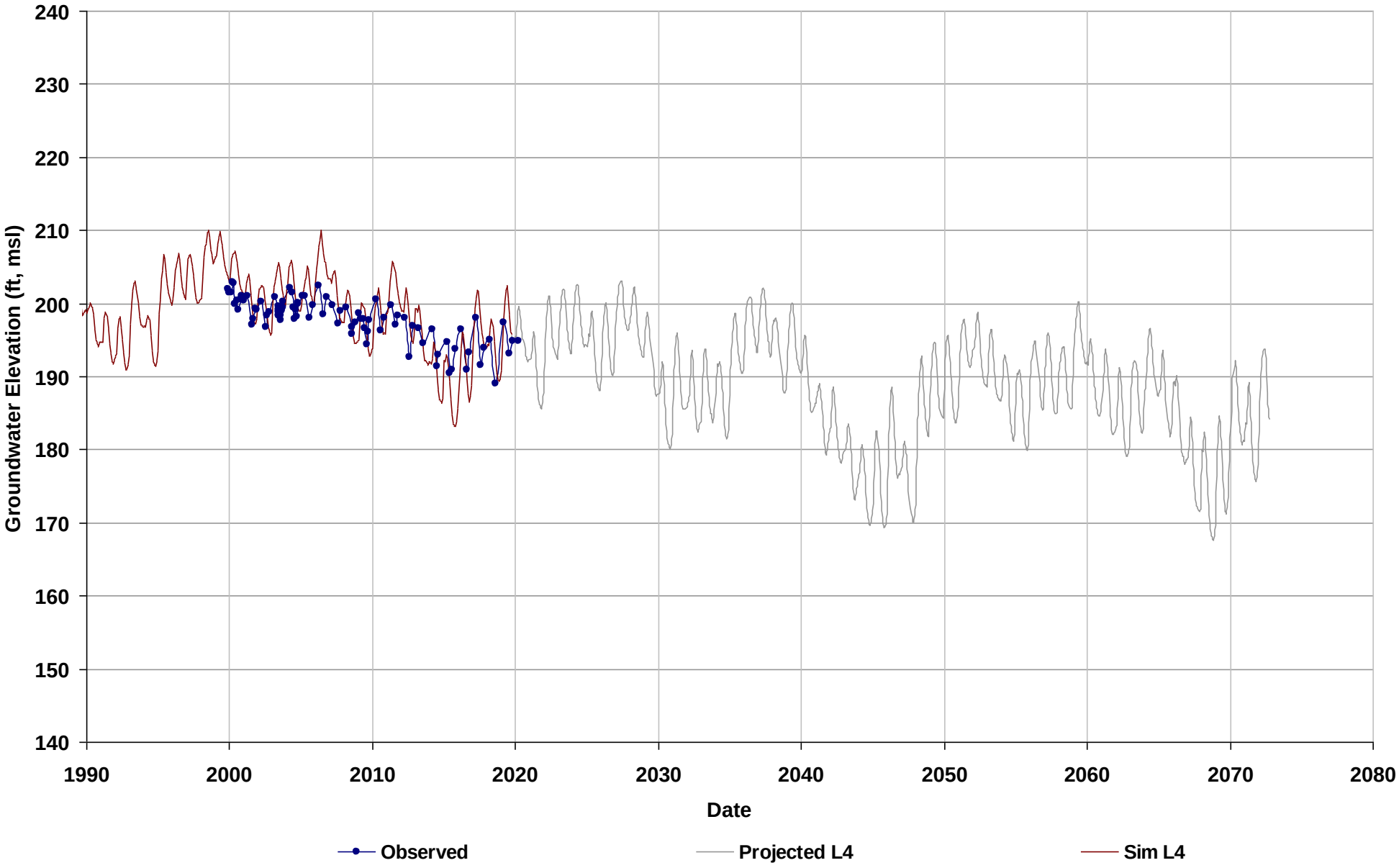
Total Depth (ft): 184
Perf Top (ft): 183.5
Perf Bottom (ft): 184
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 24N02W12P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 228

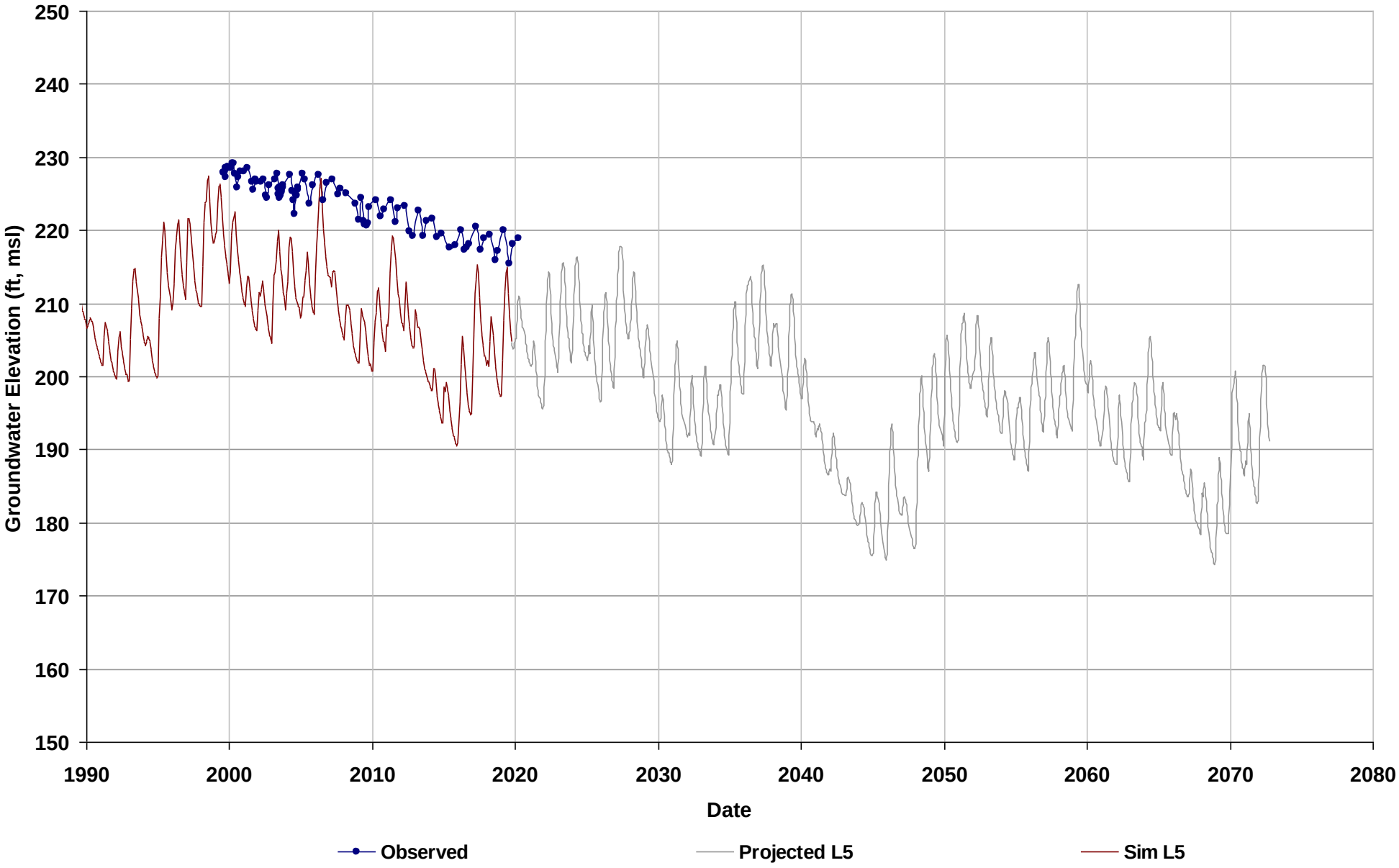
Total Depth (ft): 370
Perf Top (ft): 165
Perf Bottom (ft): 360
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 24N01W05J003M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 312

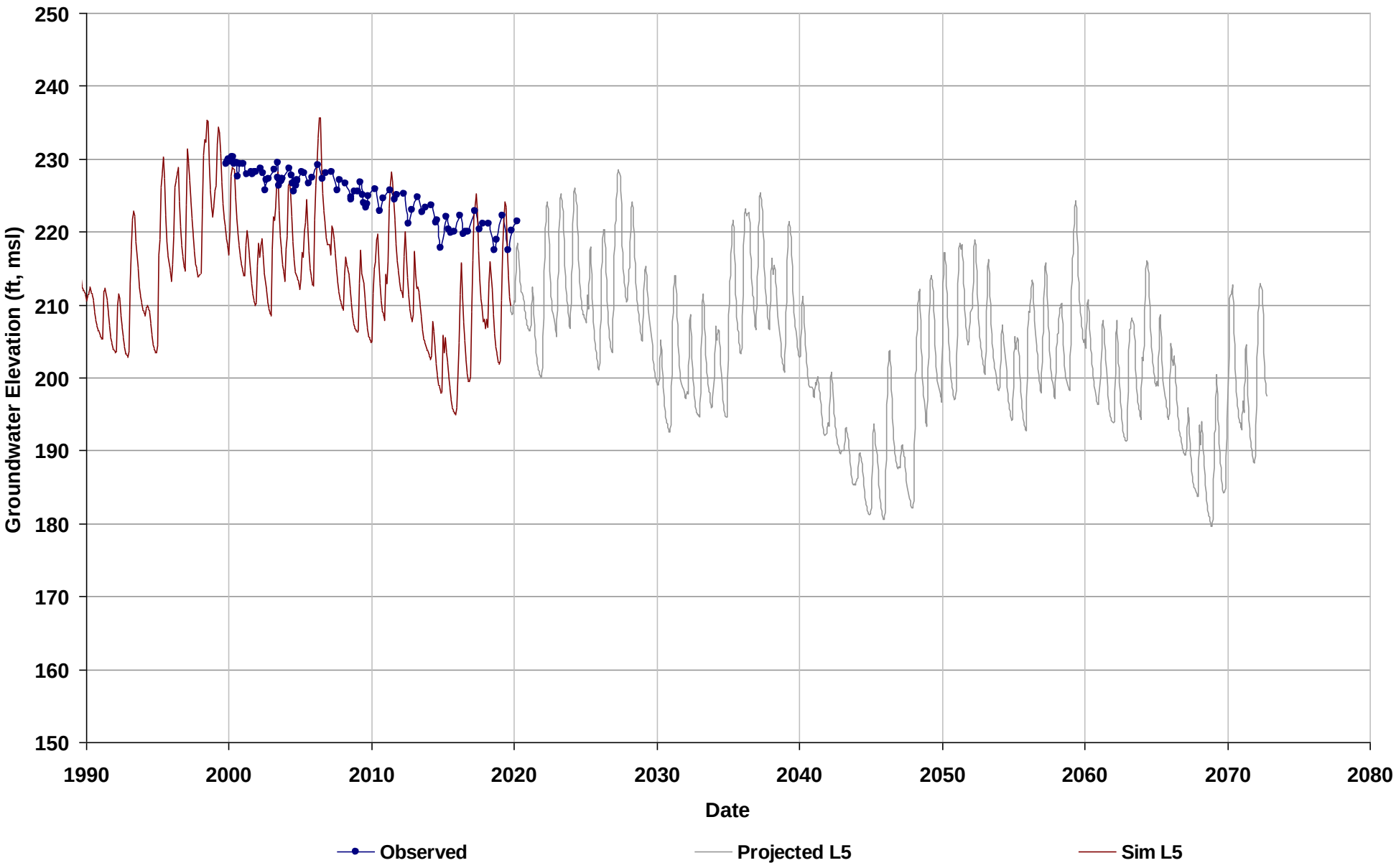
Total Depth (ft): 385
Perf Top (ft): 295
Perf Bottom (ft): 335
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 25N01W32P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 303

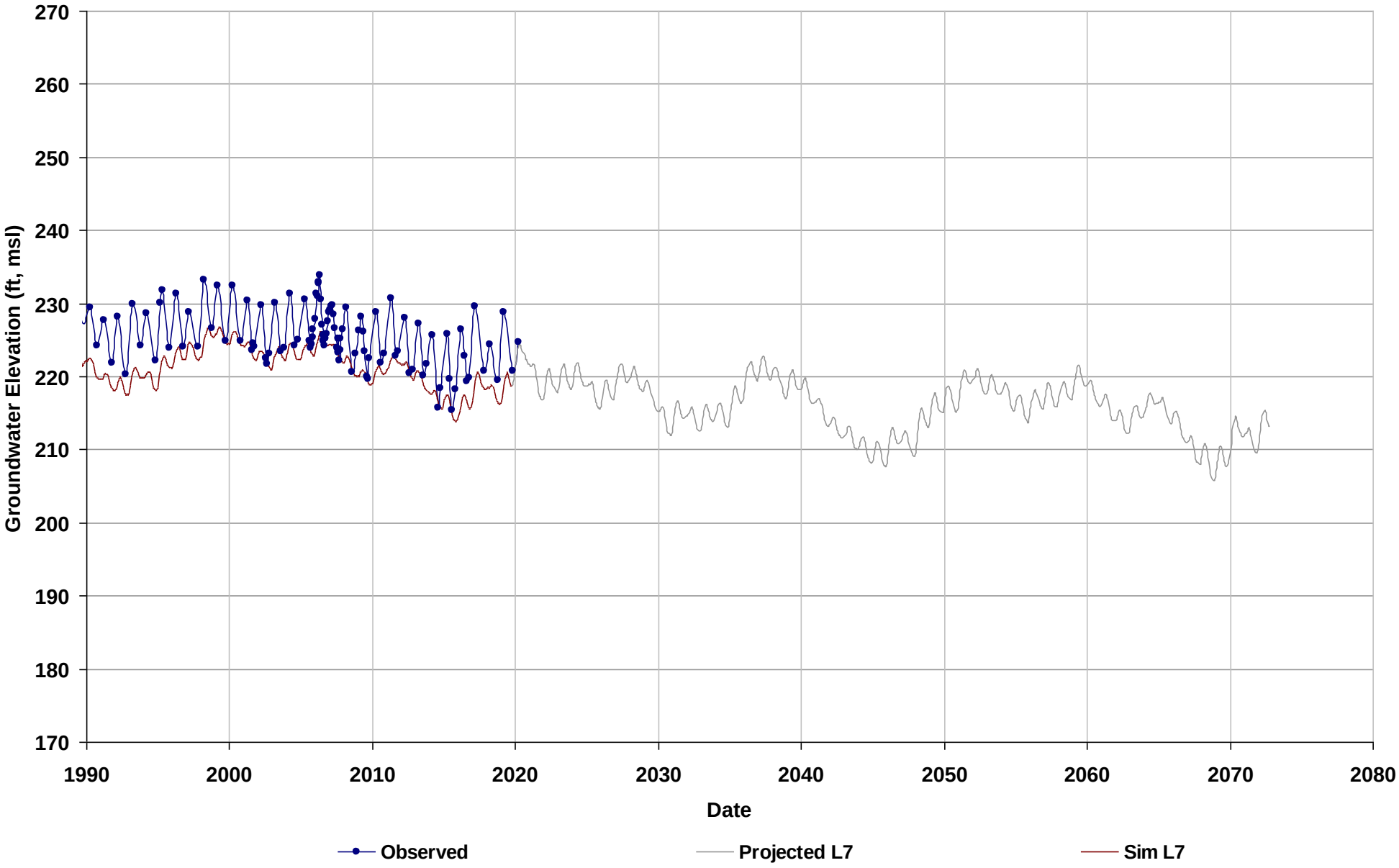
Total Depth (ft): 330
Perf Top (ft): 209
Perf Bottom (ft): 256
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 26N02W29R002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

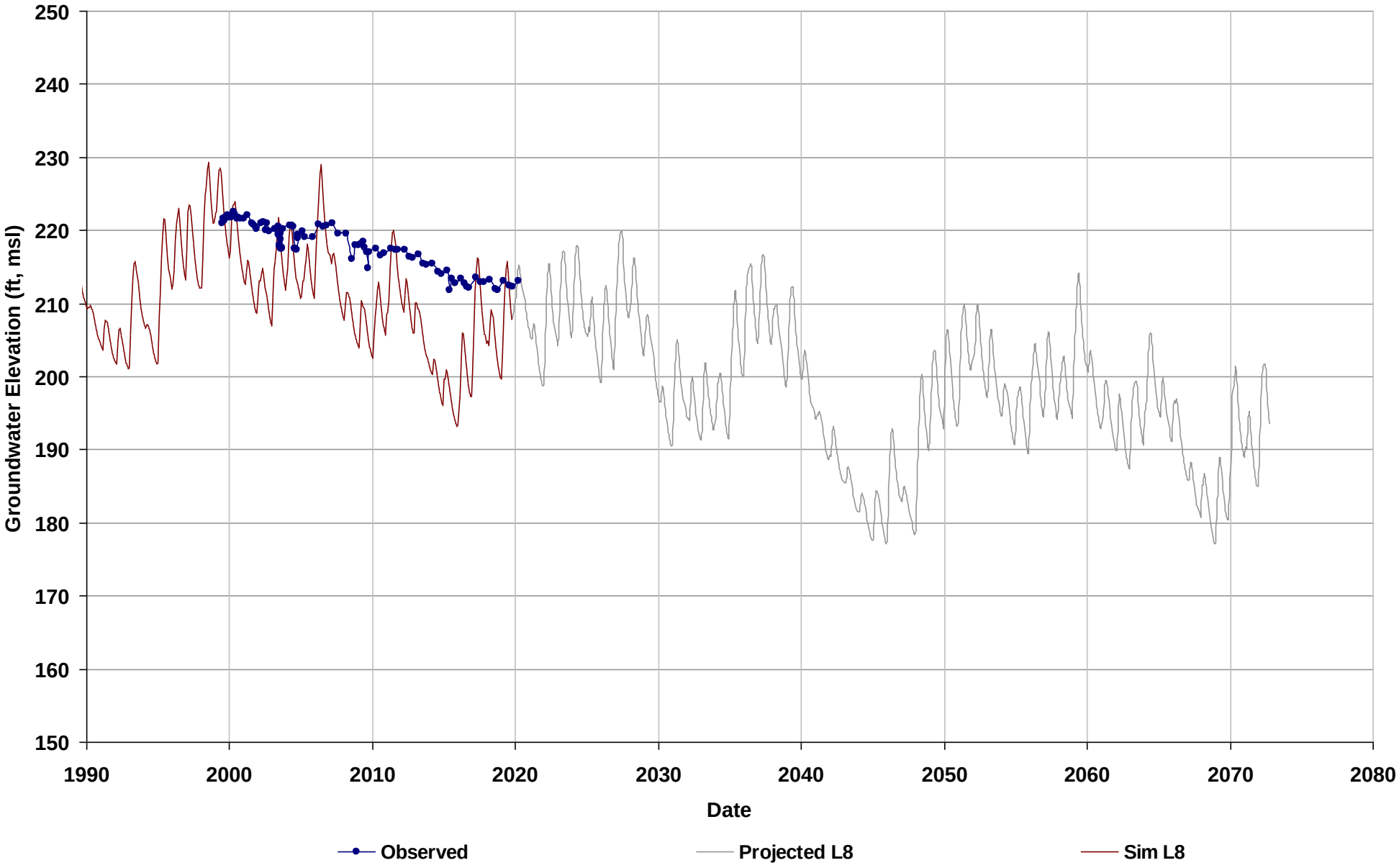
Total Depth (ft): 900
Perf Top (ft): 839.5
Perf Bottom (ft): 840.5
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 25N01W34N003M
Depth Zone: Lower
Subbasin: Los Molinos
GSE (ft, msl): 366

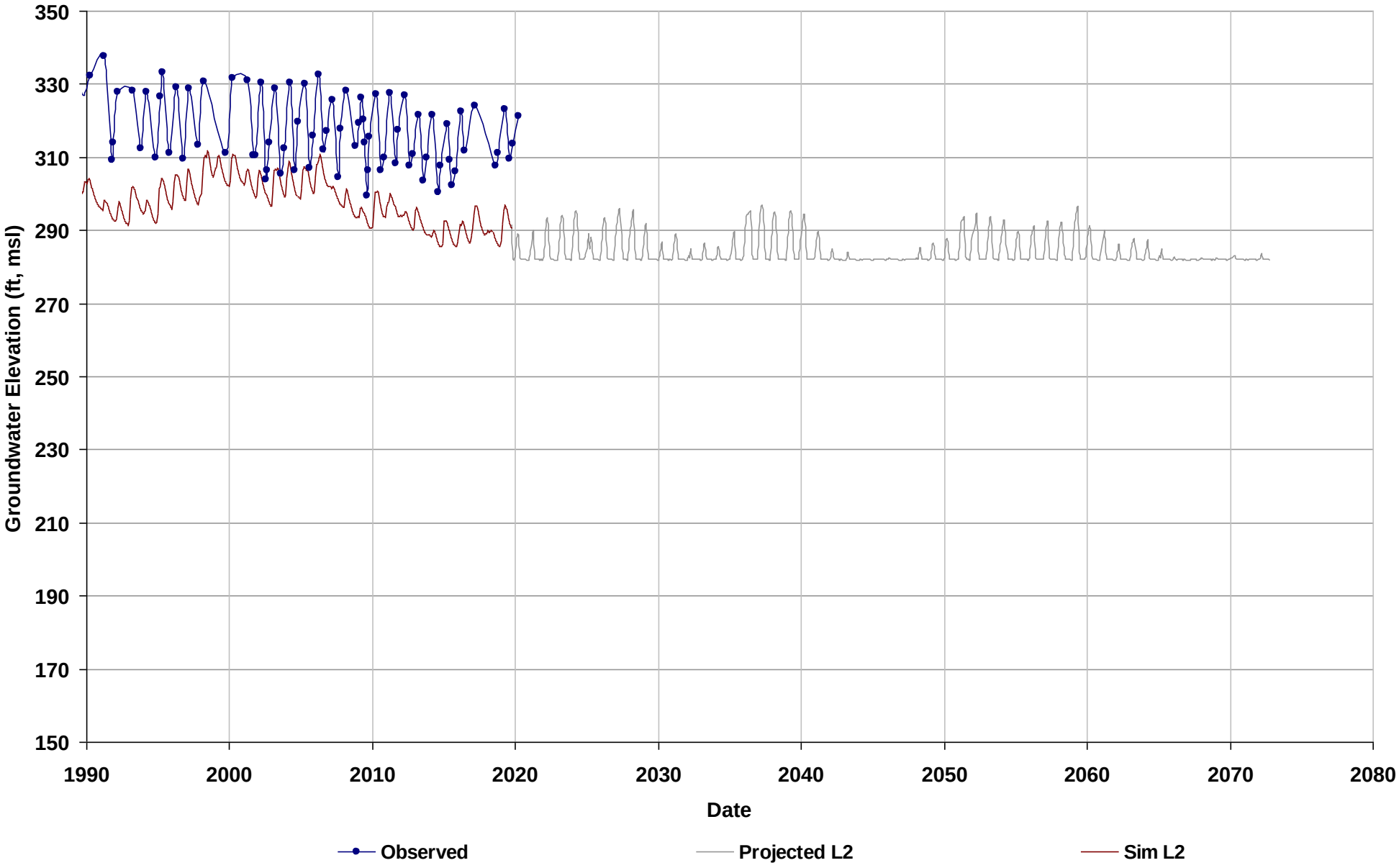
Total Depth (ft): 743
Perf Top (ft): 625
Perf Bottom (ft): 680
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 27N04W35E001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 438

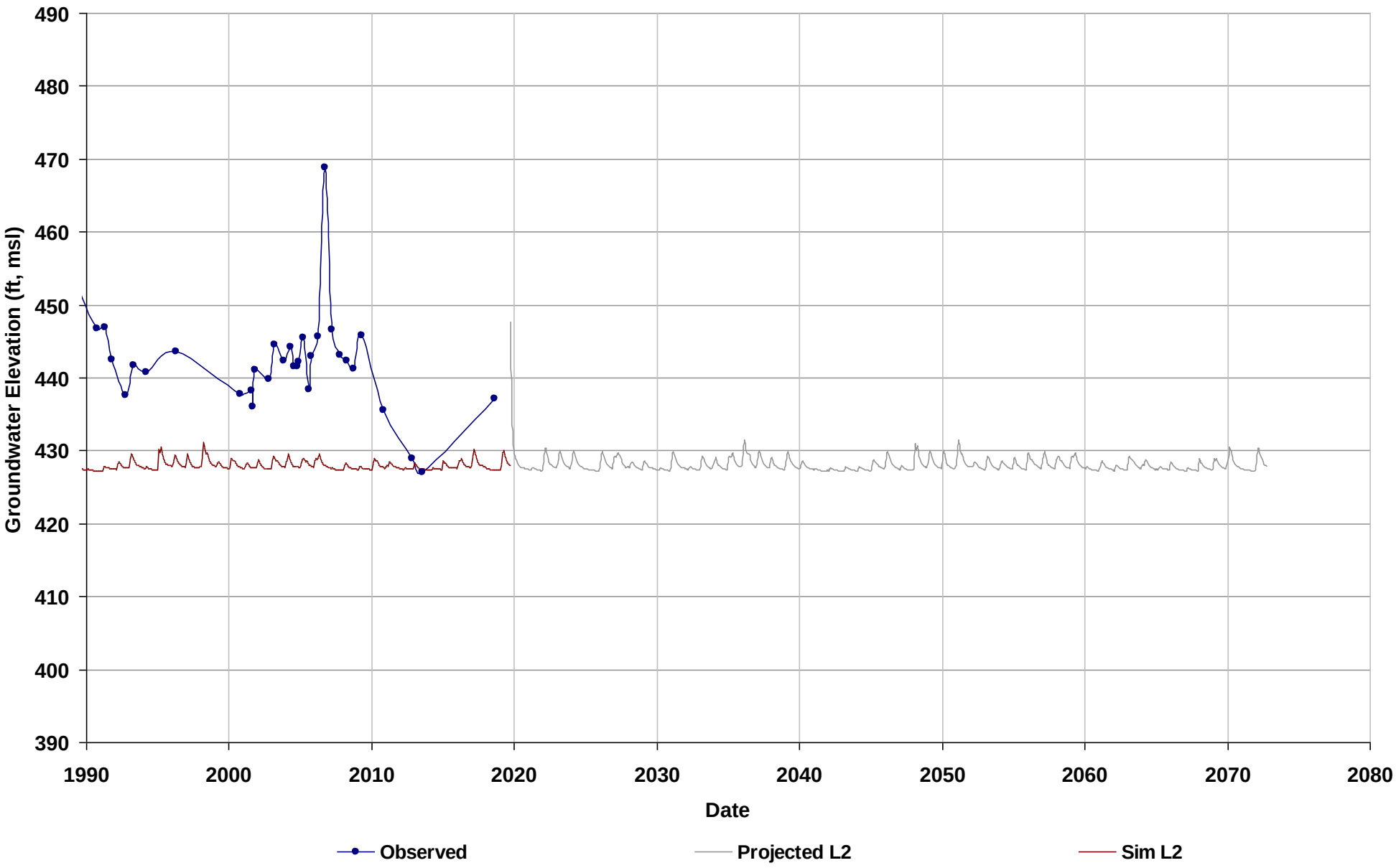
Total Depth (ft): 280
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 25N05W24D001M
Depth Zone: Unknown
Subbasin: Red Bluff
GSE (ft, msl): 515

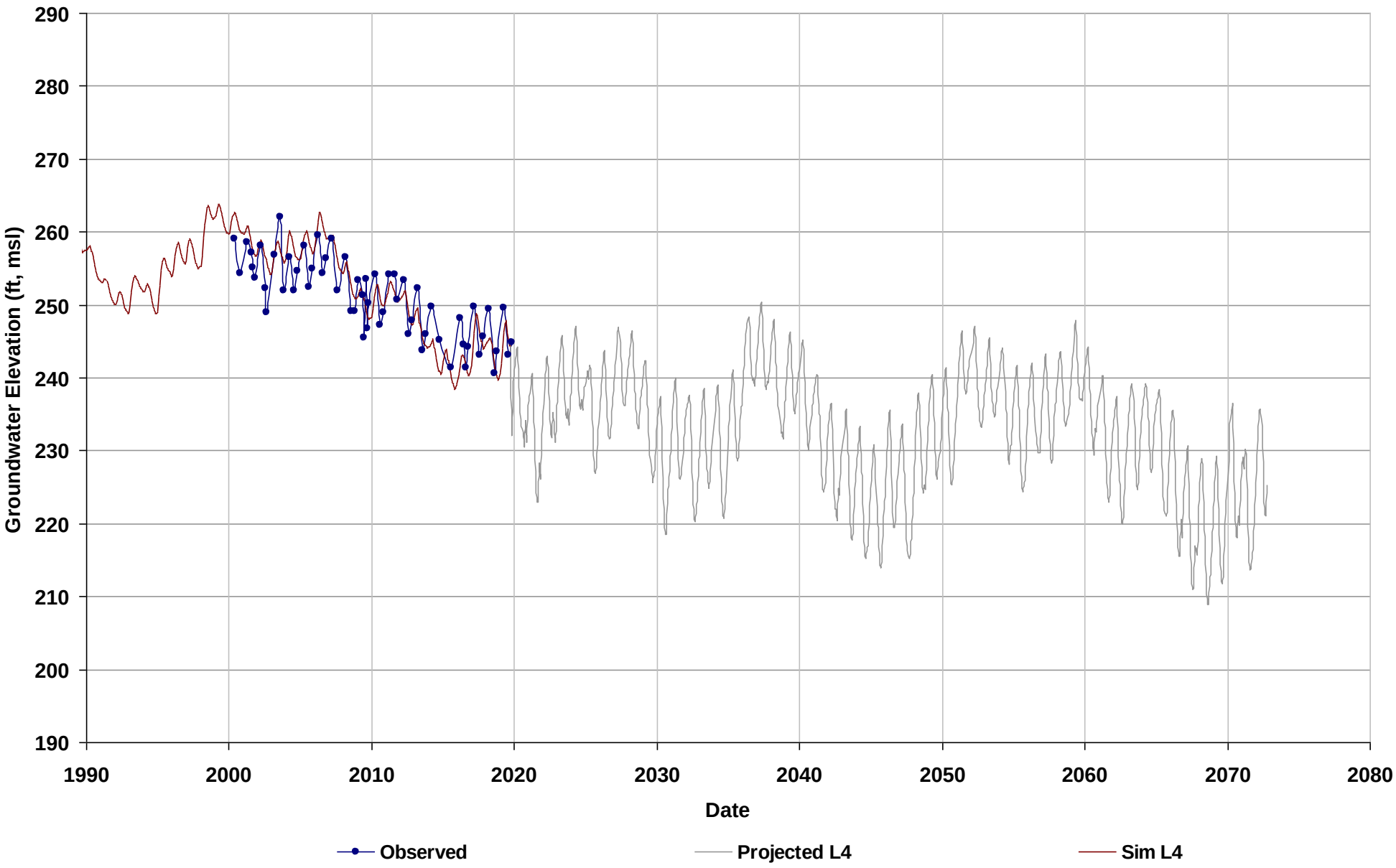
Total Depth (ft):
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 26N03W17B001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 309

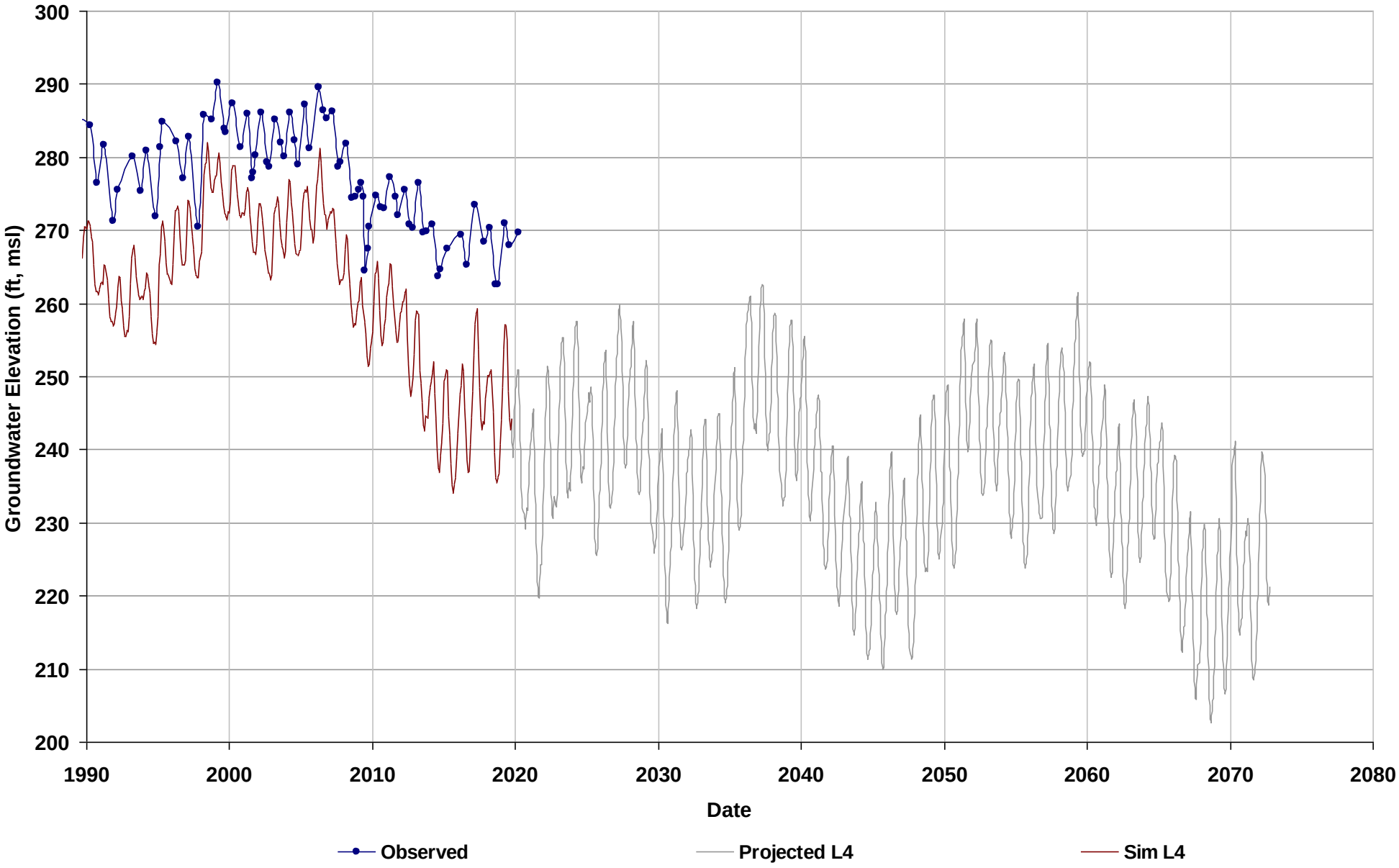
Total Depth (ft): 180
Perf Top (ft): 160
Perf Bottom (ft): 180
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 26N04W25J001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 333

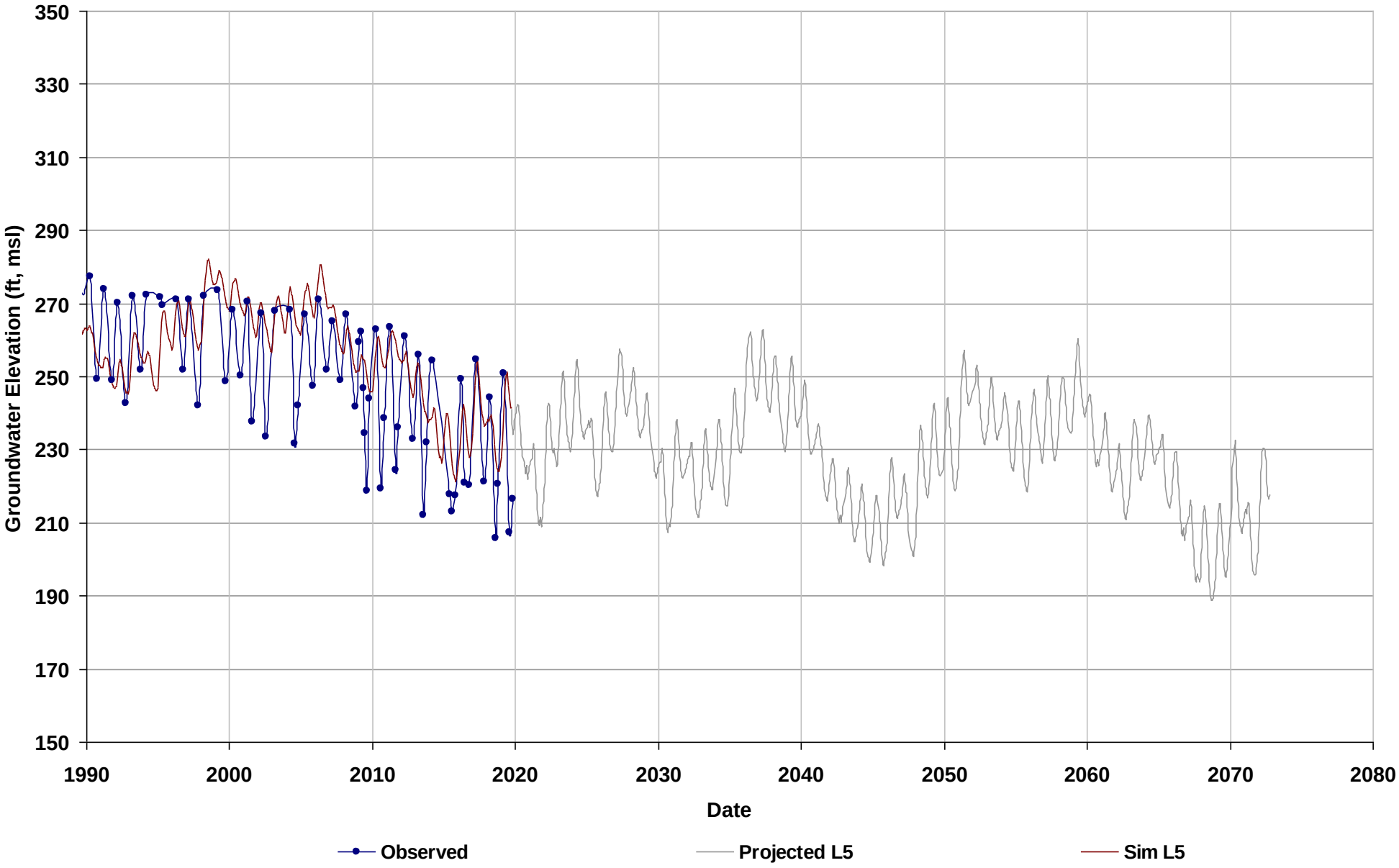
Total Depth (ft): 128
Perf Top (ft): 116
Perf Bottom (ft): 124
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 25N03W19N001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 327

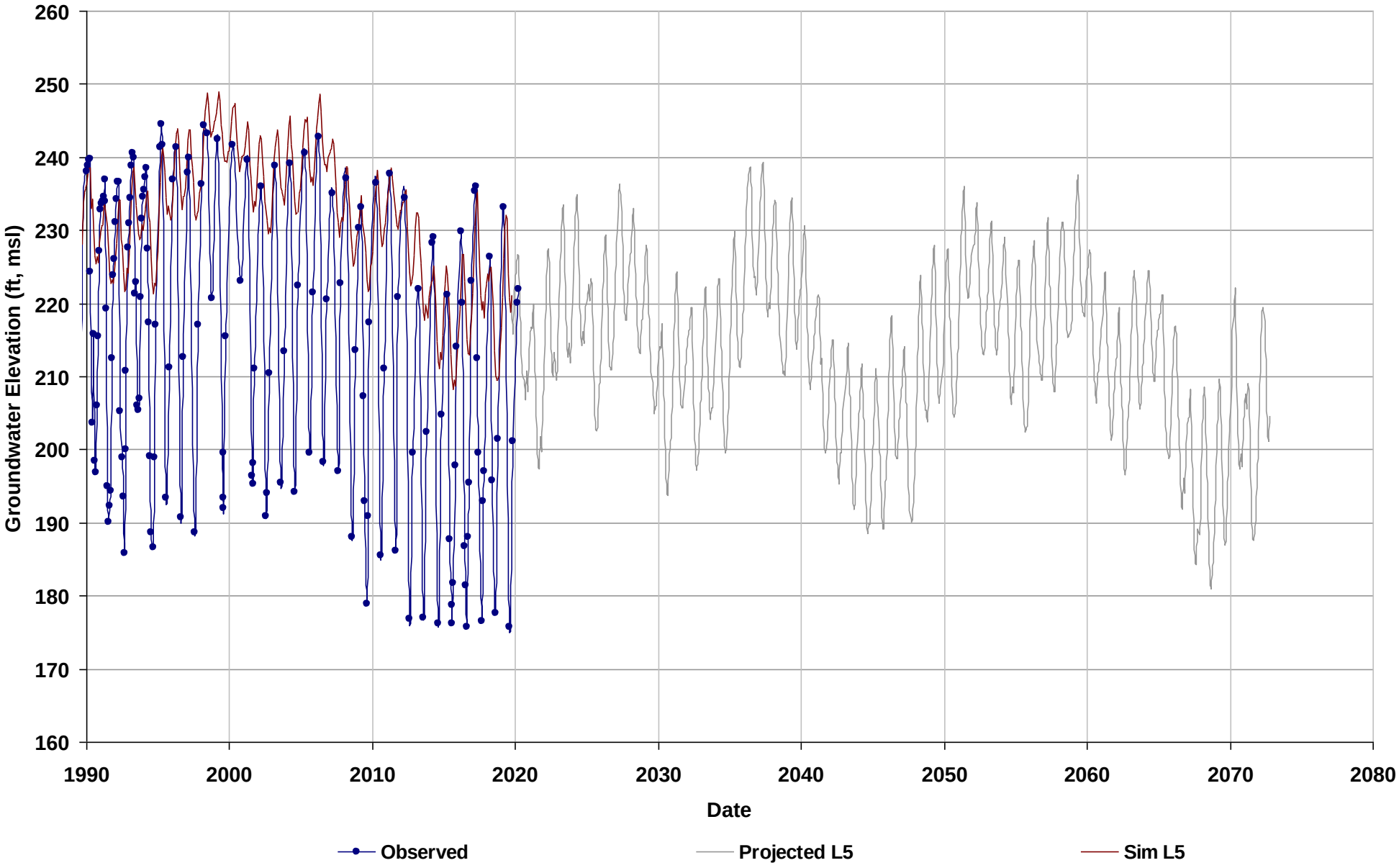
Total Depth (ft): 370
Perf Top (ft): 135
Perf Bottom (ft): 358
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 25N03W10L001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 276

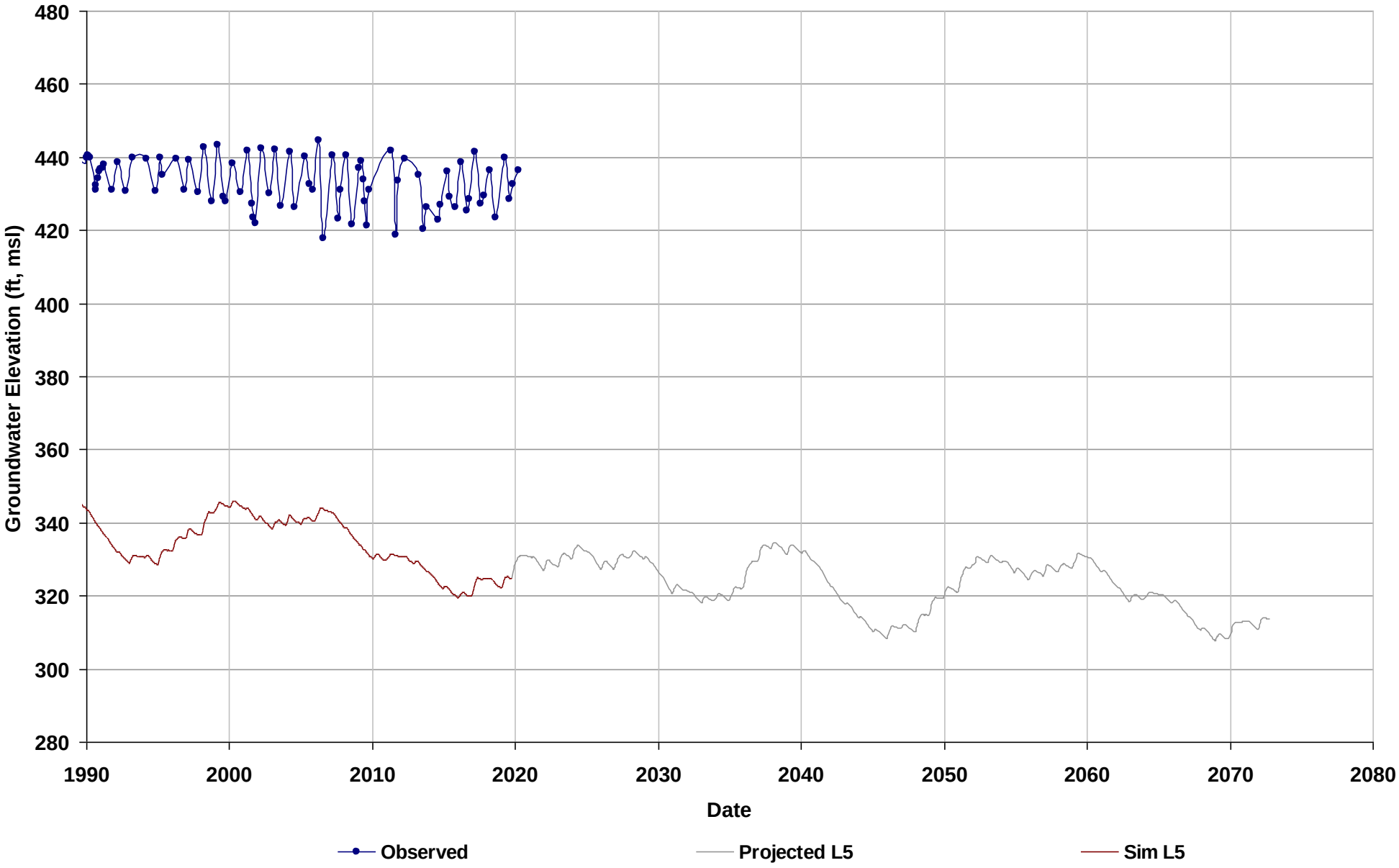
Total Depth (ft): 400
Perf Top (ft): 251
Perf Bottom (ft): 400
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 27N04W05G002M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 482

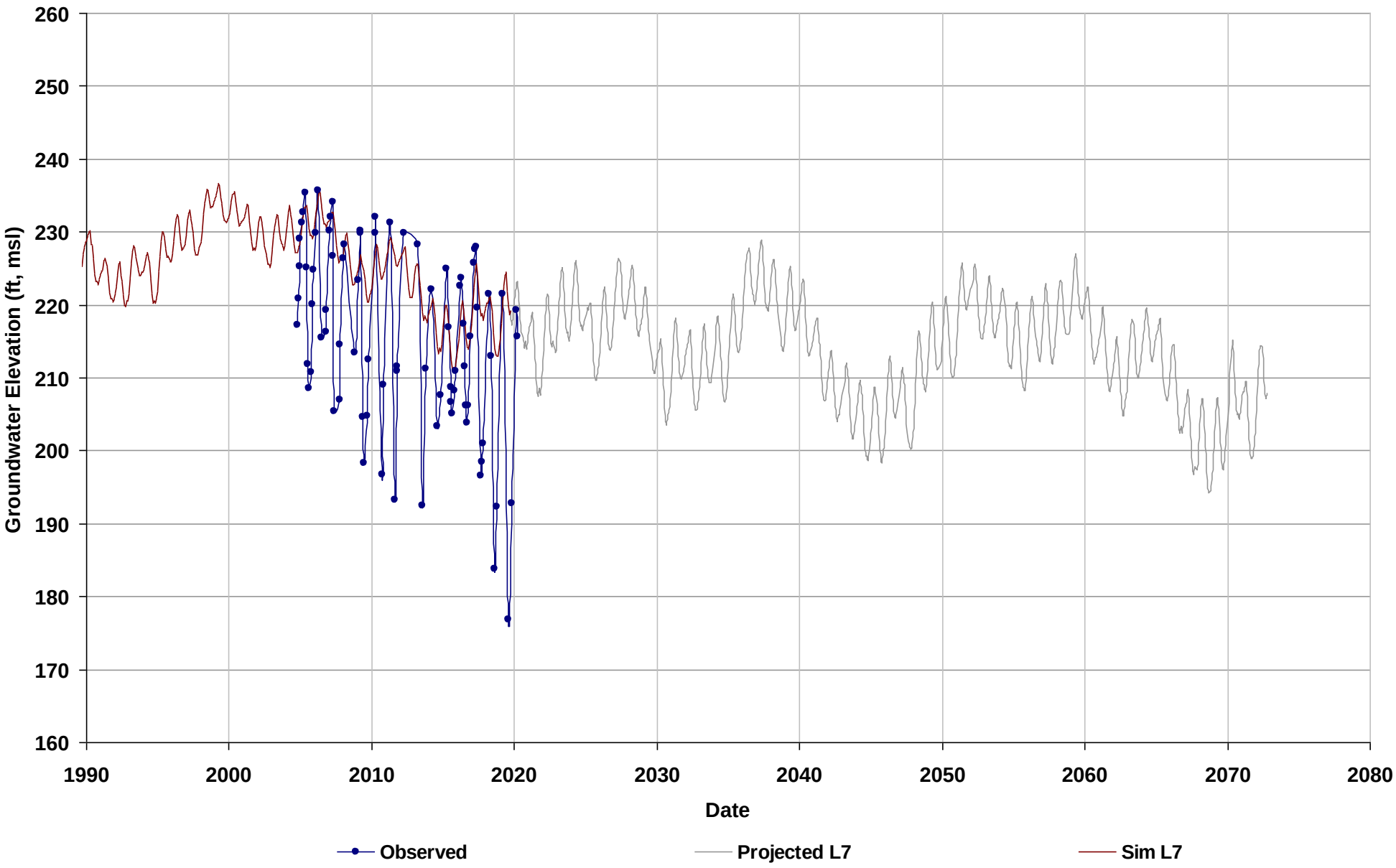
Total Depth (ft): 260
Perf Top (ft): 231
Perf Bottom (ft): 251
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 25N03W11B003M
Depth Zone: Lower
Subbasin: Red Bluff
GSE (ft, msl): 252

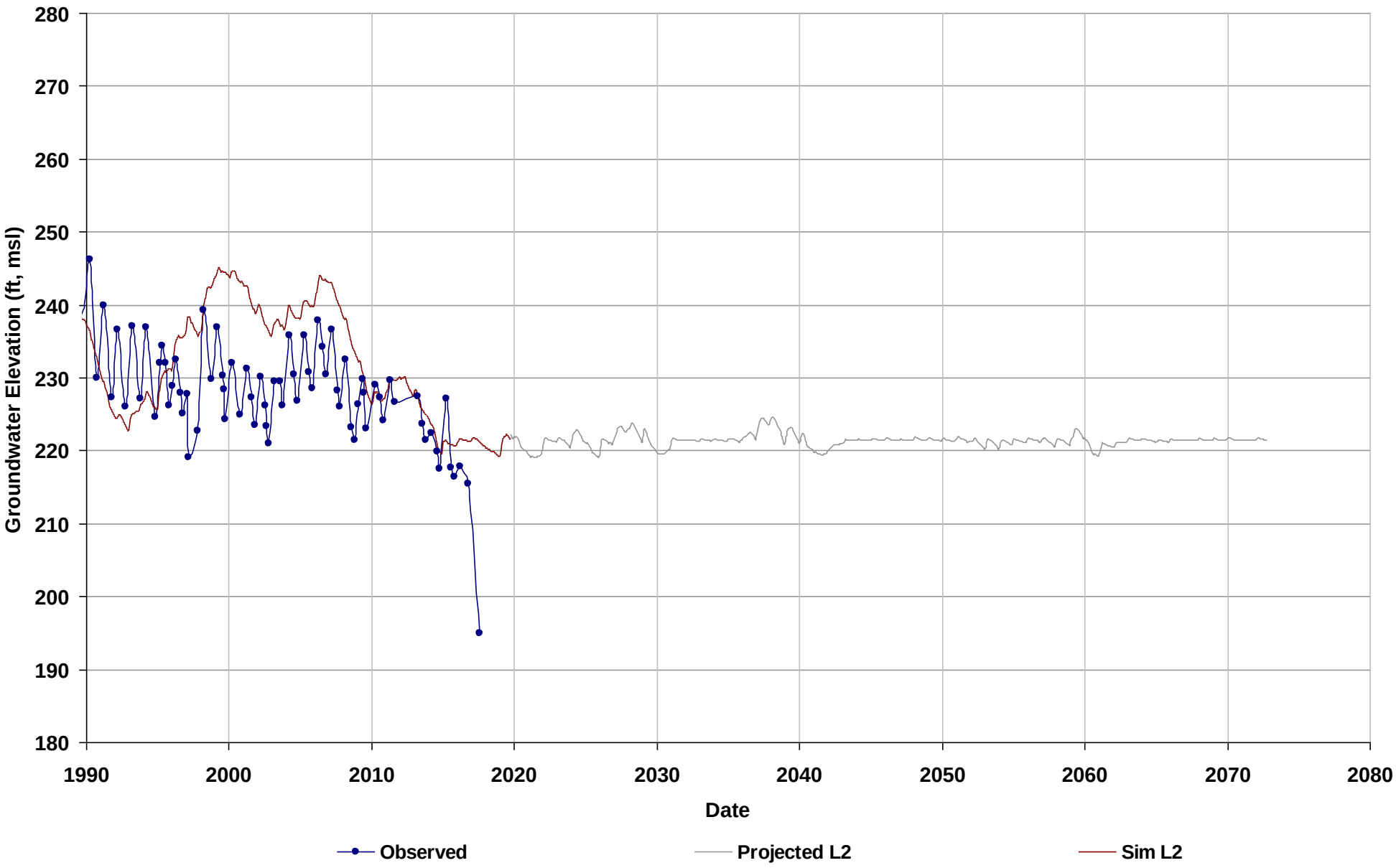
Total Depth (ft): 1000
Perf Top (ft): 940
Perf Bottom (ft): 960
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 23N03W05G001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 279

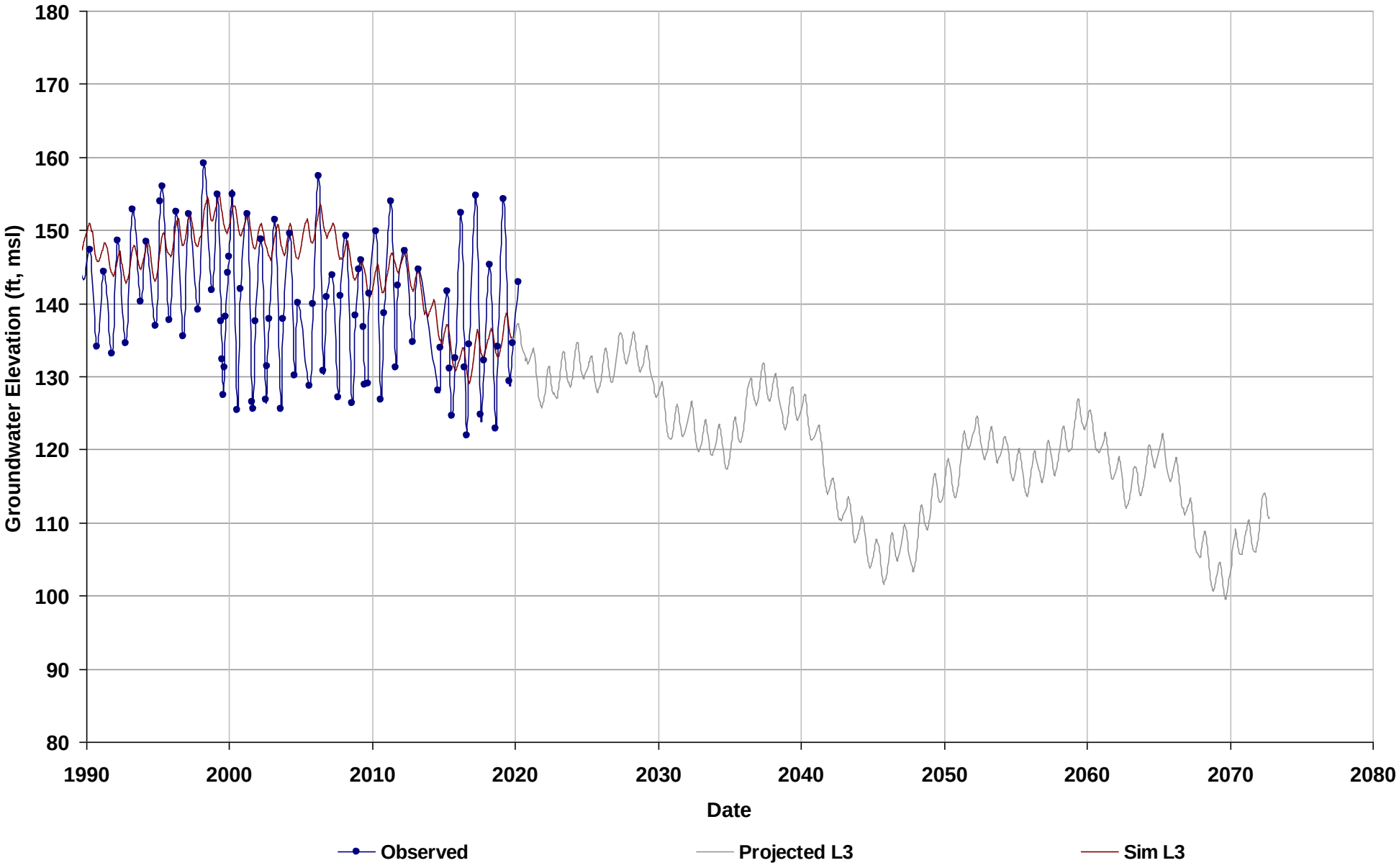
Total Depth (ft): 70
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 23N02W34A001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 172

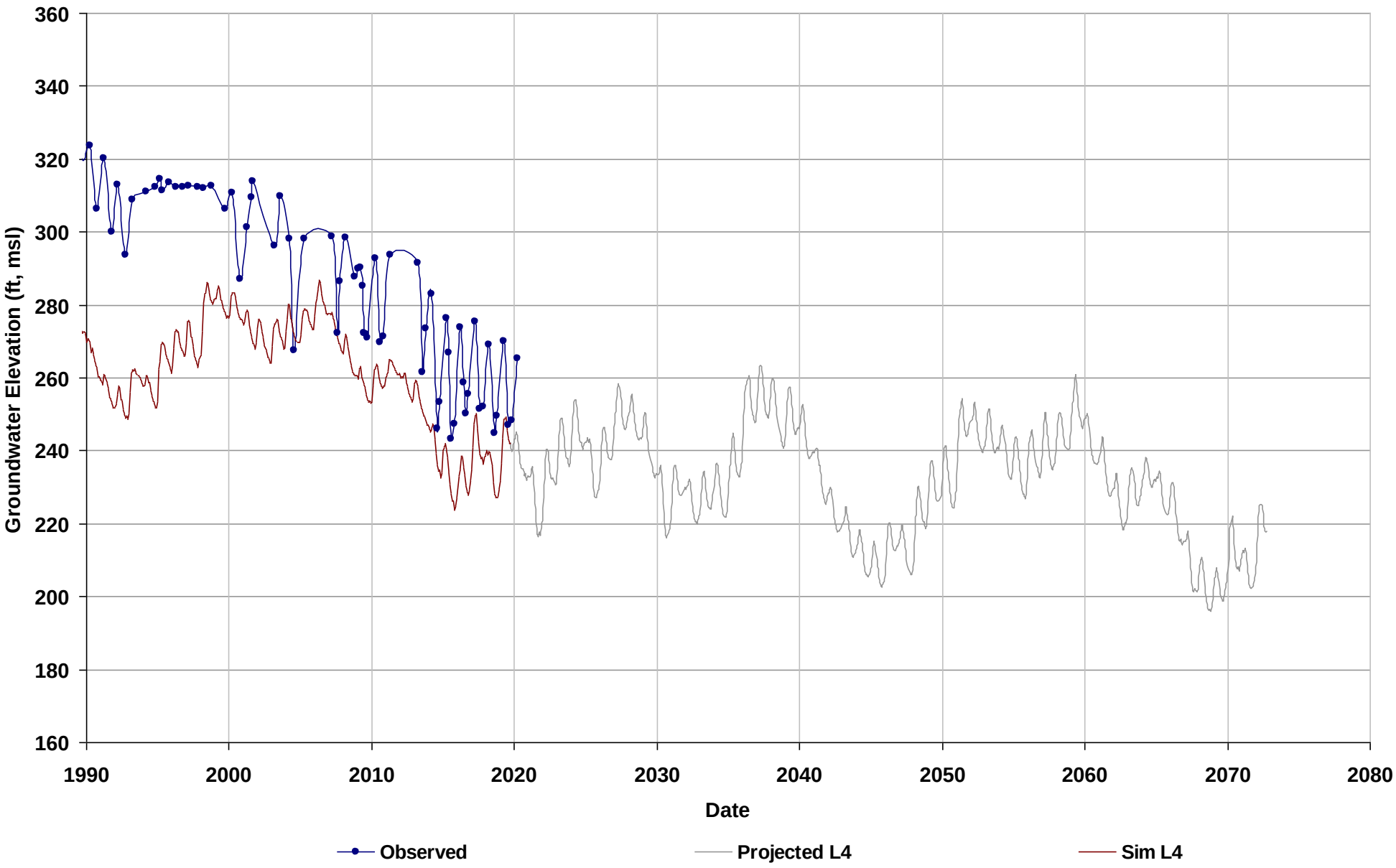
Total Depth (ft): 130
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 24N04W14N002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 375

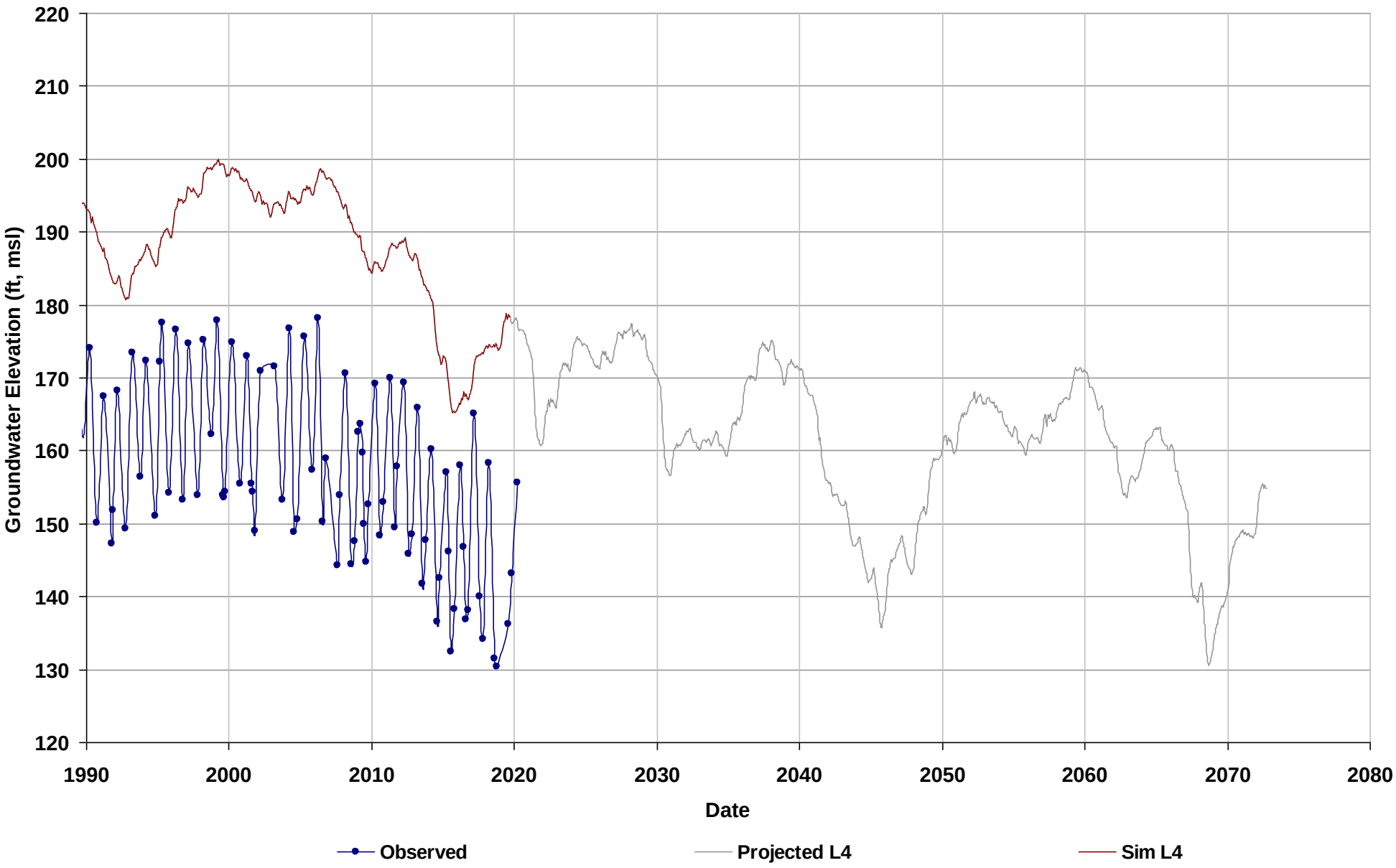
Total Depth (ft): 180
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 23N03W24A002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 207

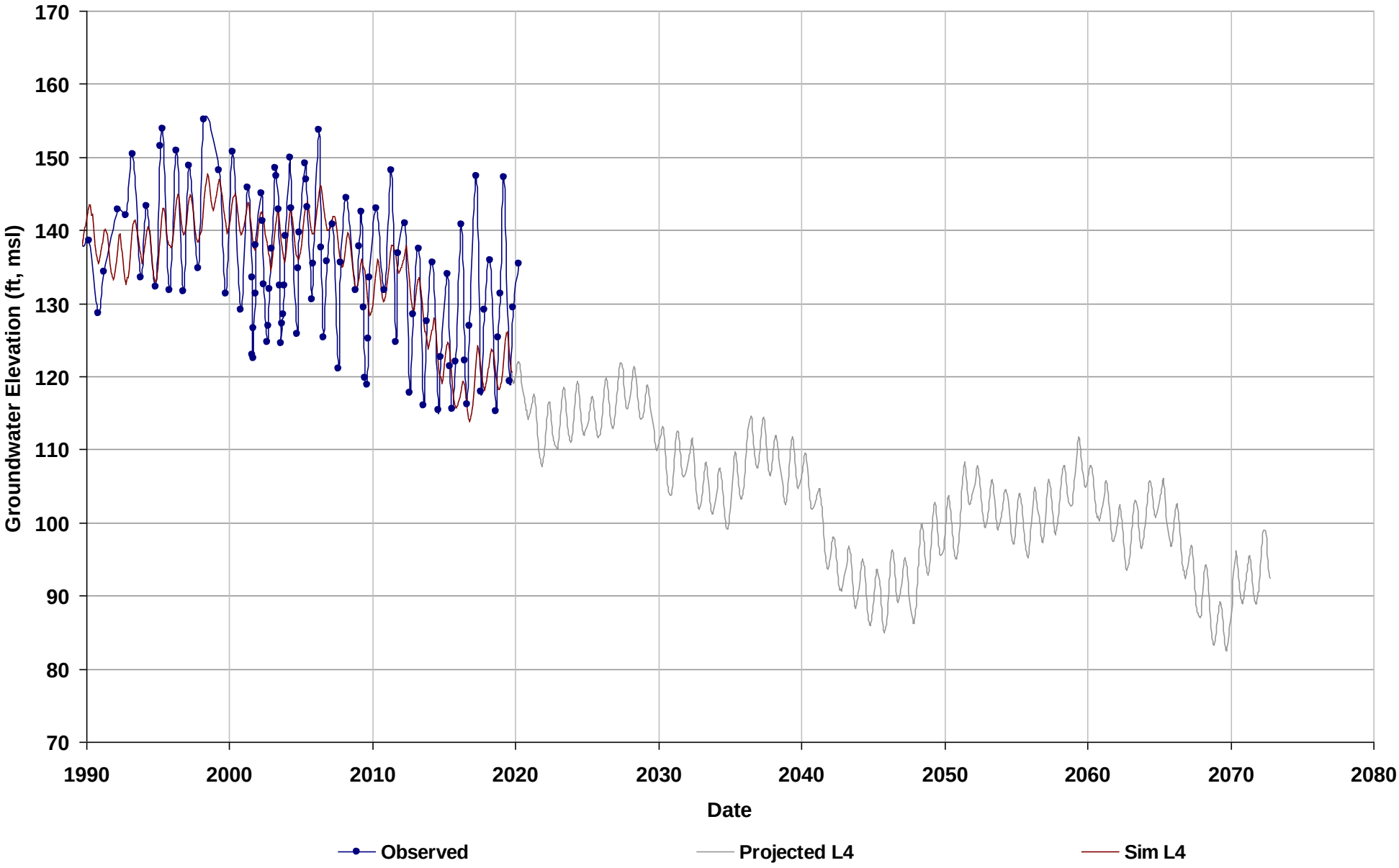
Total Depth (ft): 200
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W11Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 166

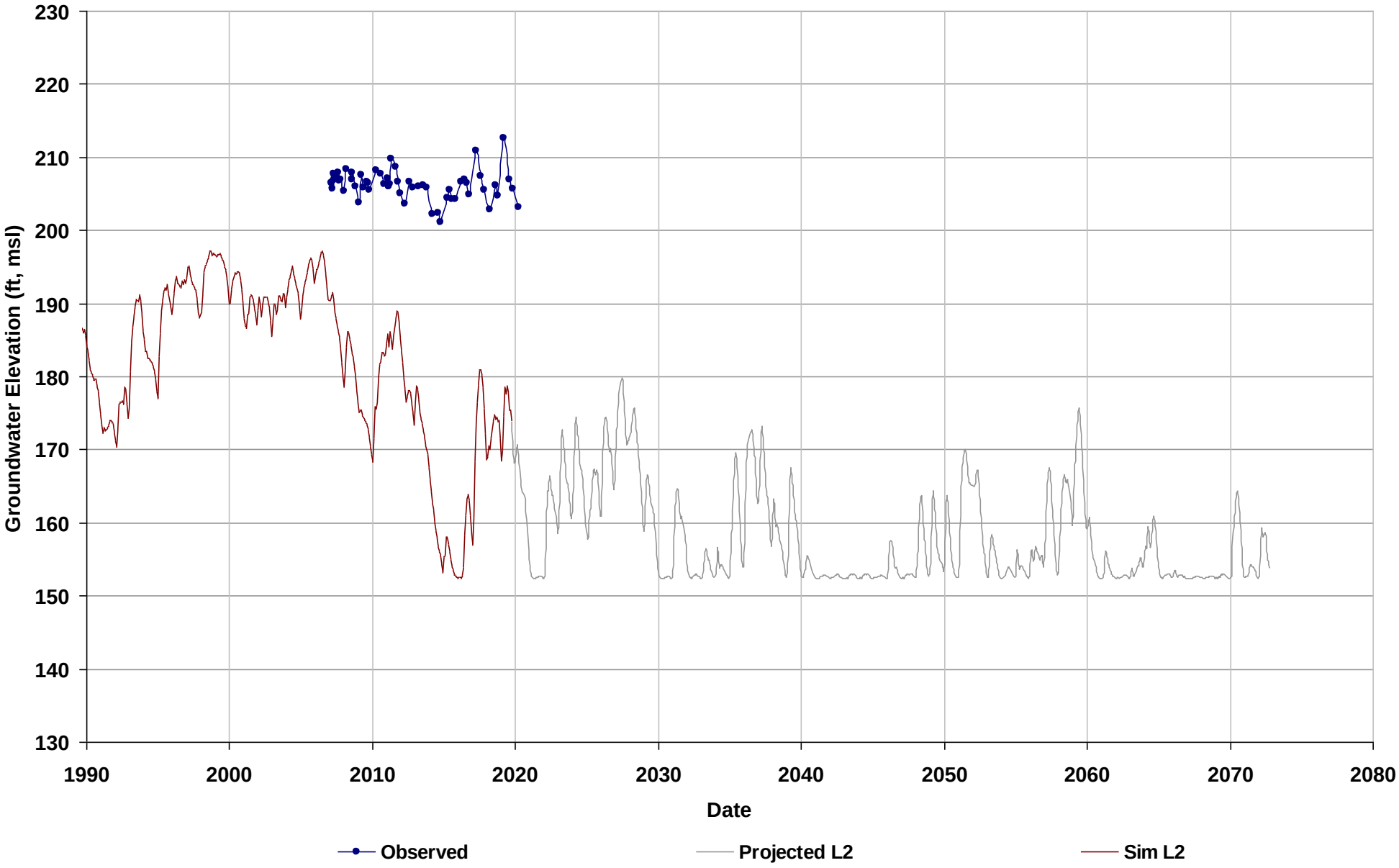
Total Depth (ft):
Perf Top (ft): 12
Perf Bottom (ft): 239
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W18C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

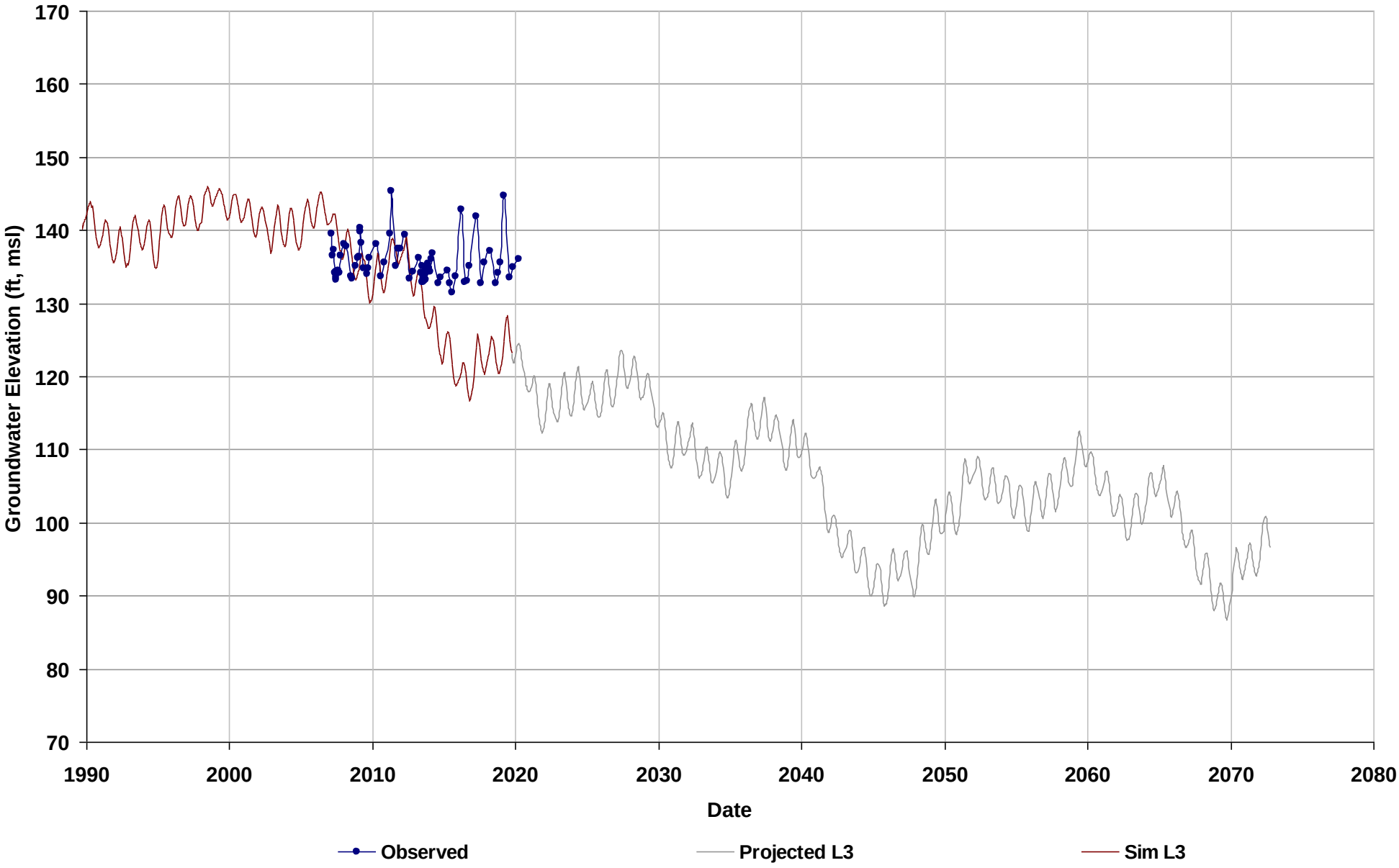
Total Depth (ft): 90
Perf Top (ft): 55
Perf Bottom (ft): 65
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W01N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

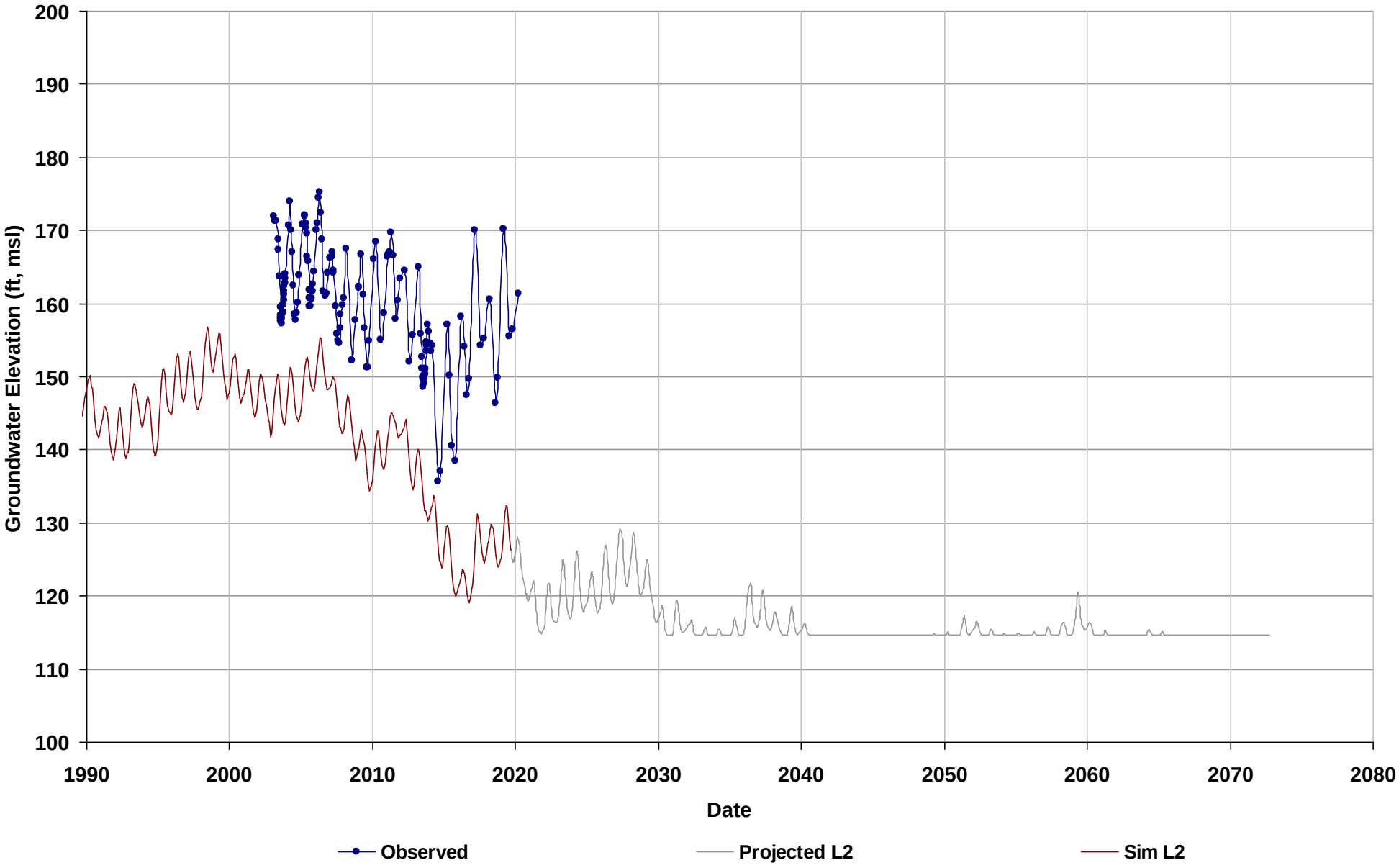
Total Depth (ft): 108
Perf Top (ft): 70
Perf Bottom (ft): 80
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W15C005M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

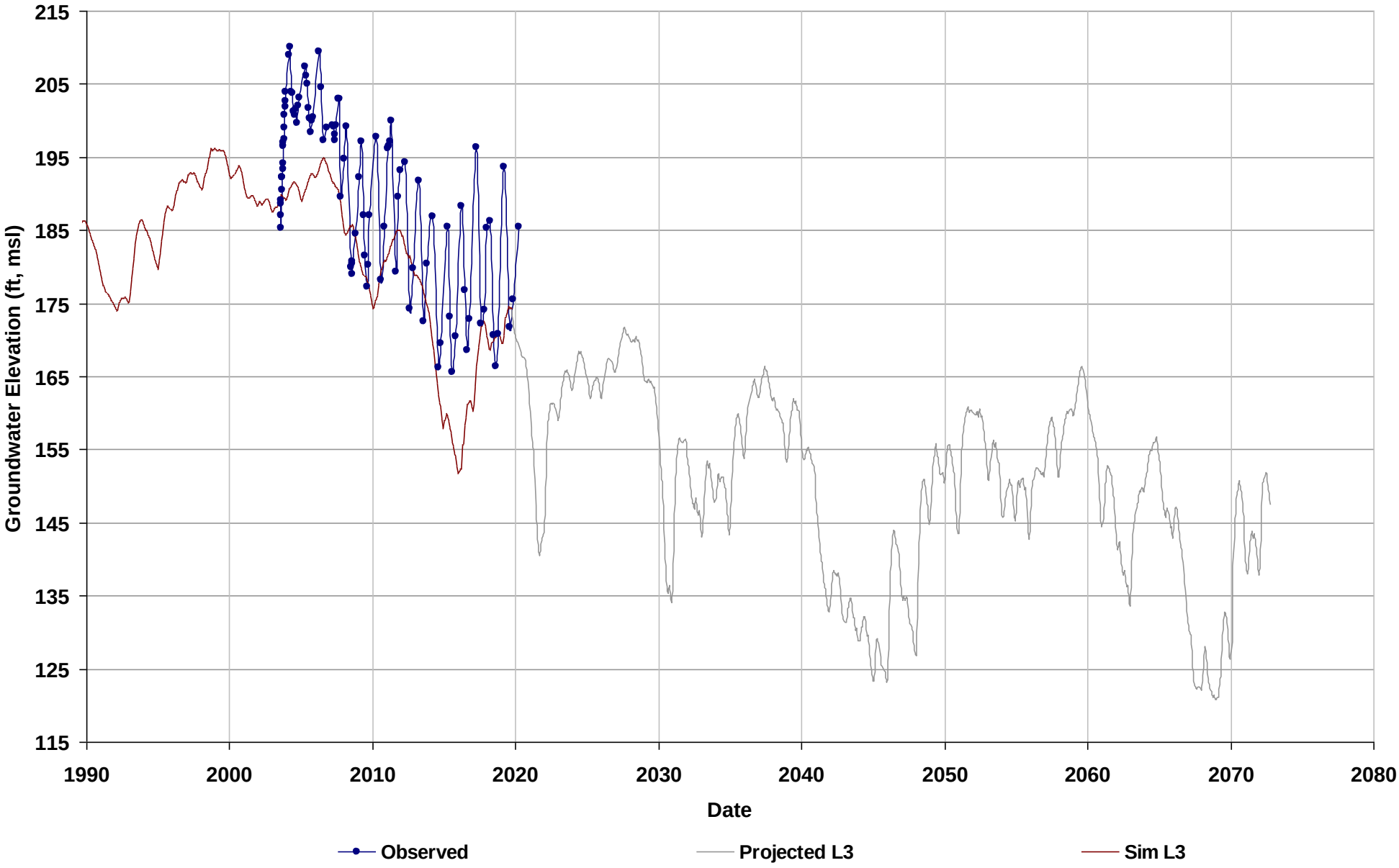
Total Depth (ft): 100
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N03W01R003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

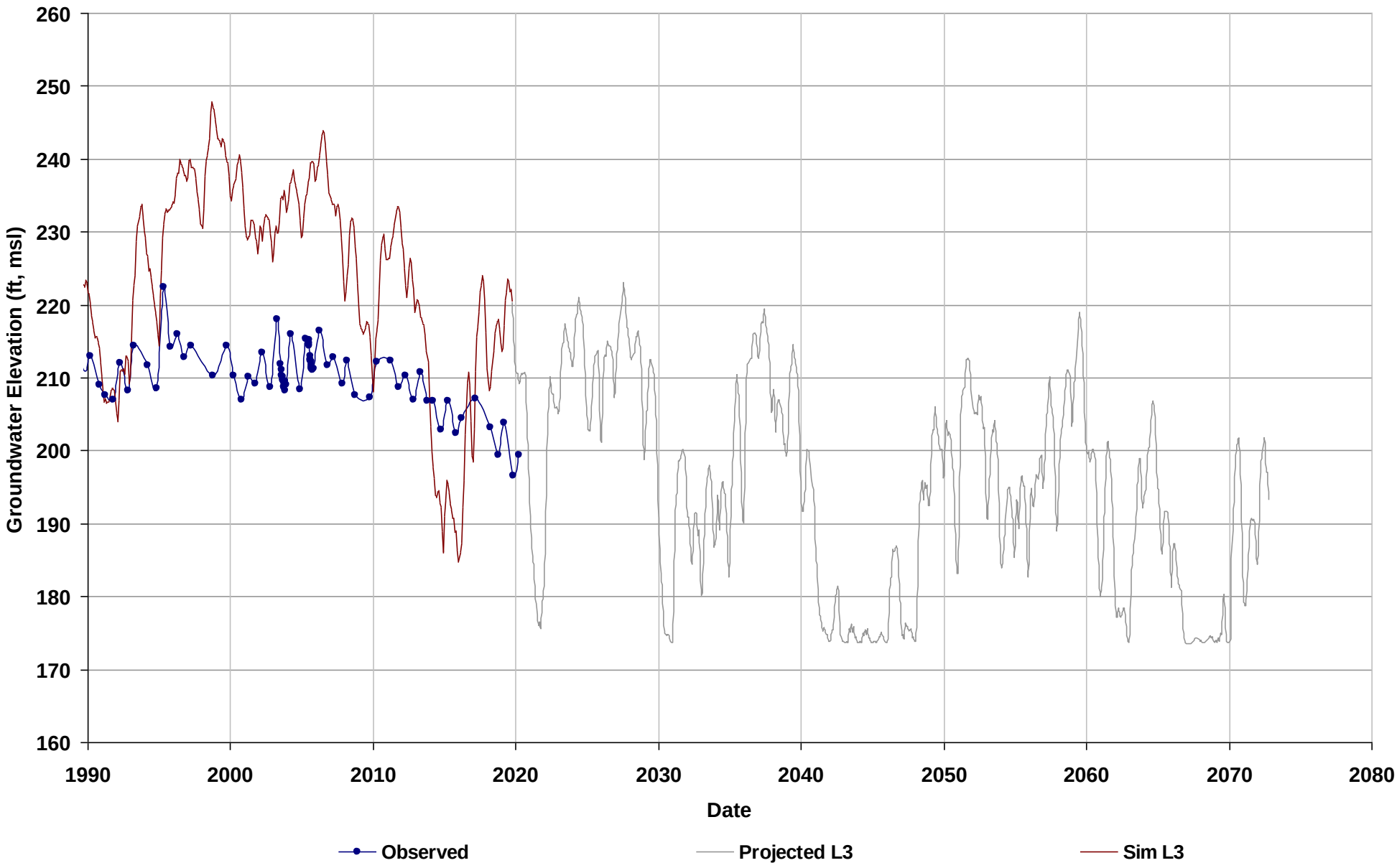
Total Depth (ft): 103
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N03W04E001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 285

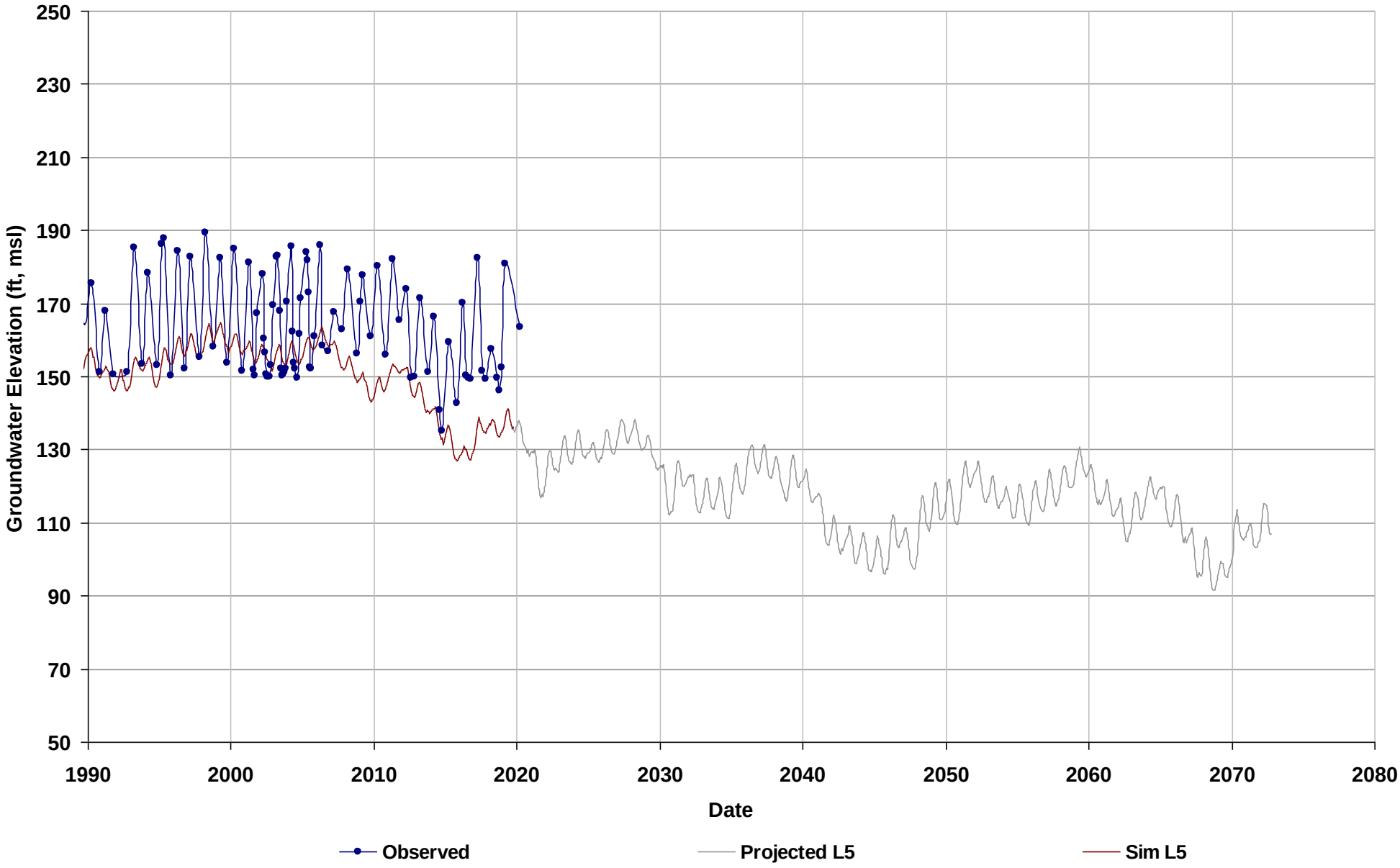
Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 180
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W09L003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 197

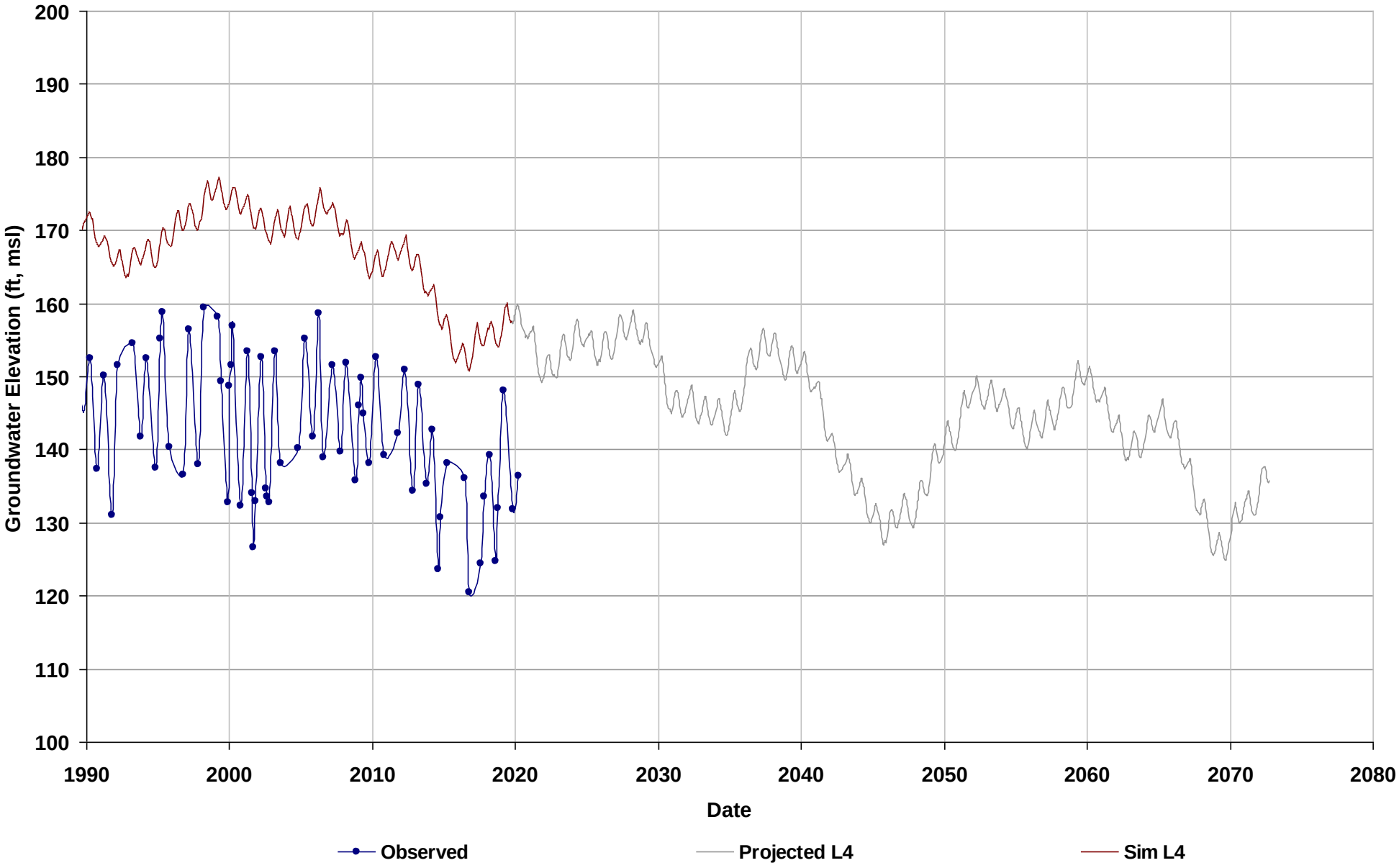
Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 536
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 23N02W16B001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 184

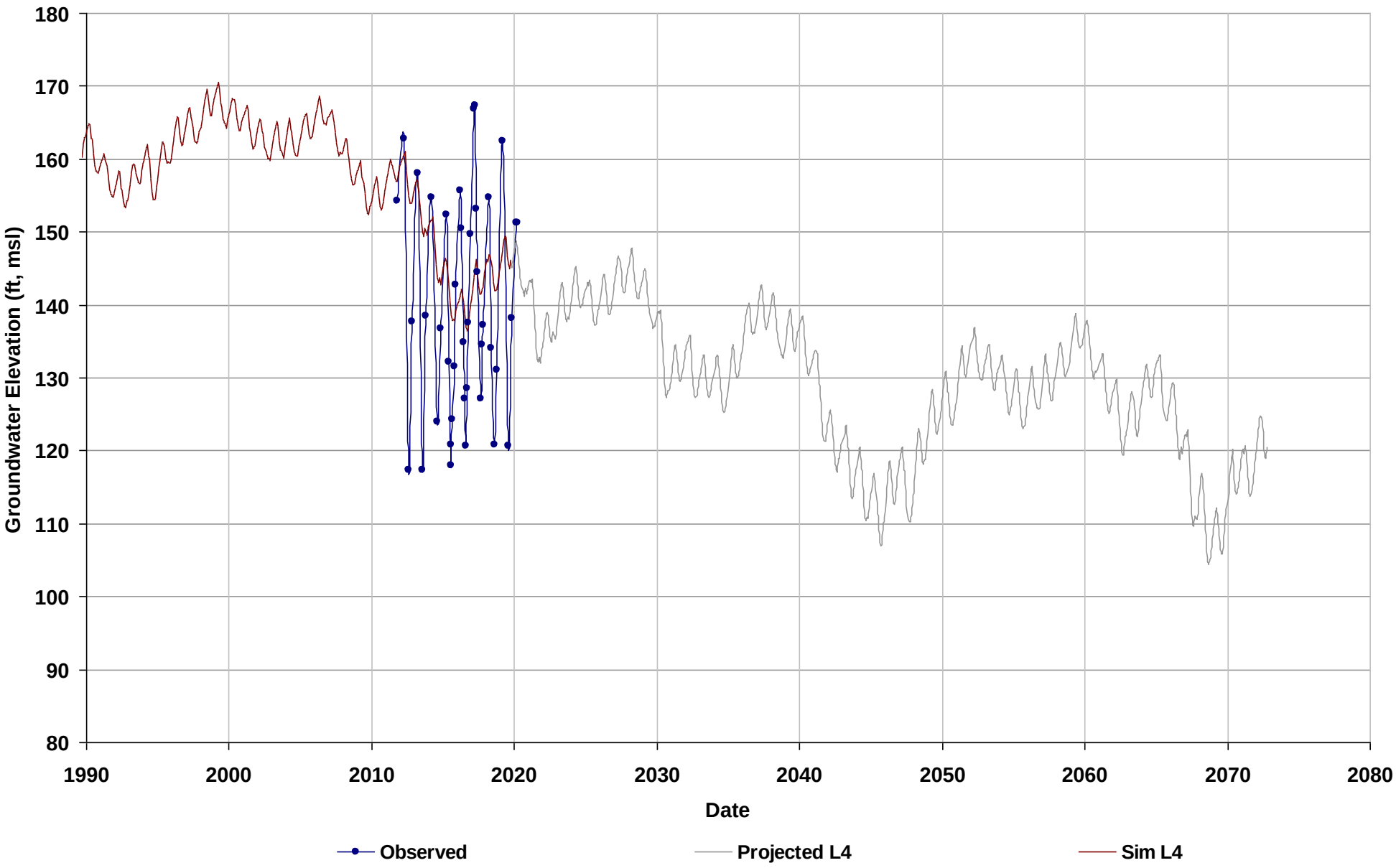
Total Depth (ft): 120
Perf Top (ft): 100
Perf Bottom (ft): 120
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 23N02W28N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 202

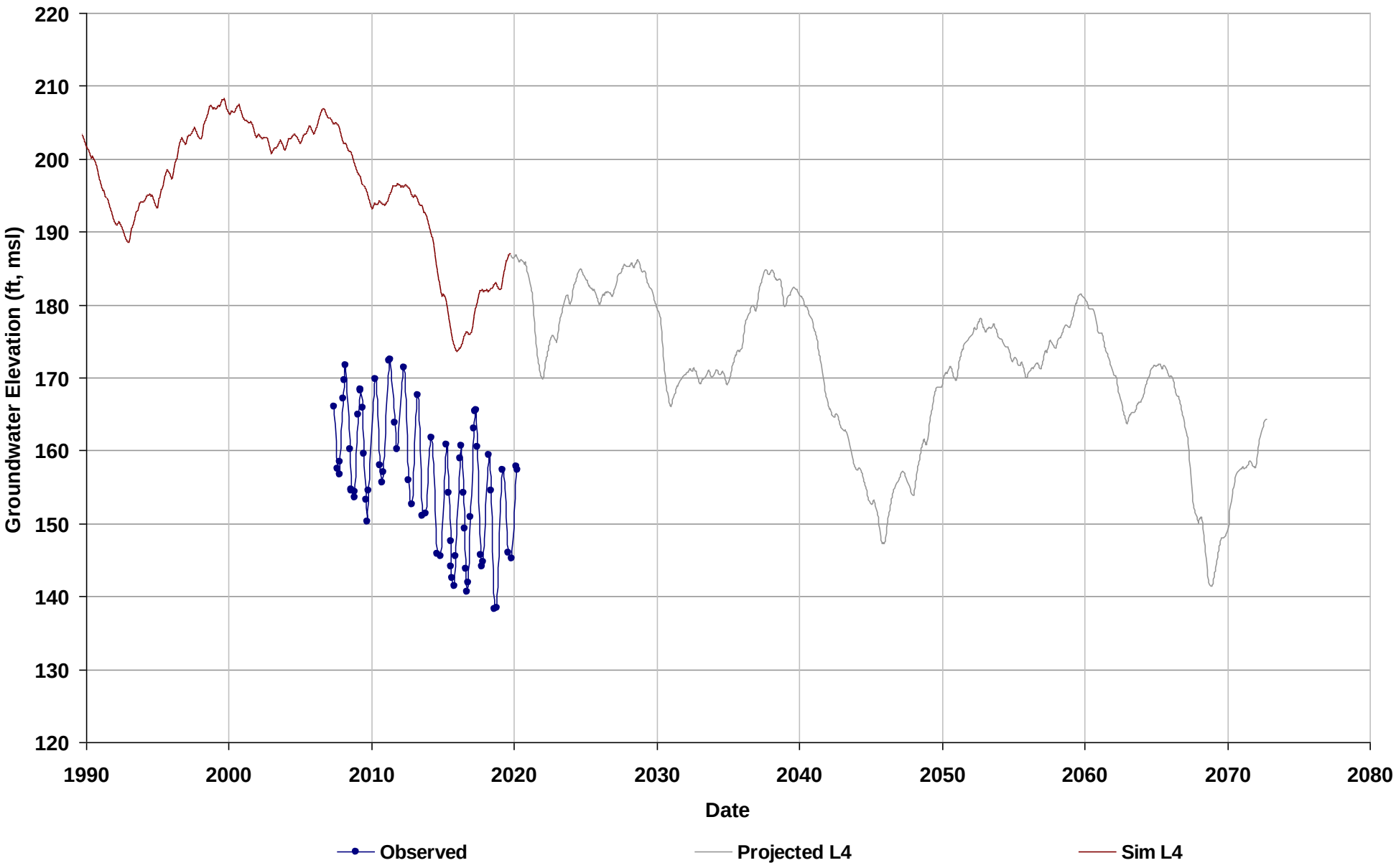
Total Depth (ft): 205
Perf Top (ft): 100
Perf Bottom (ft): 170
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 23N03W13C006M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 213

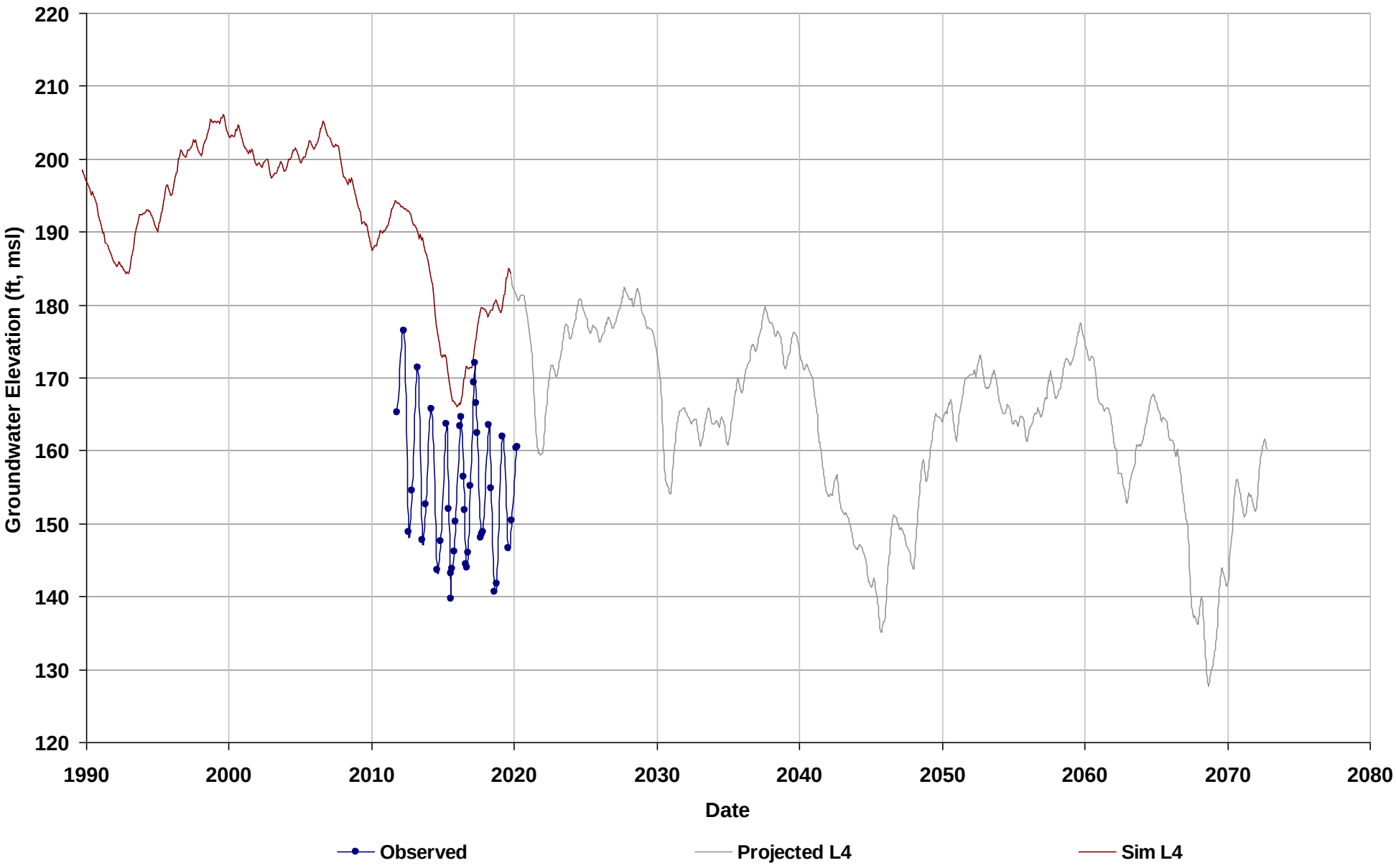
Total Depth (ft): 182
Perf Top (ft): 95
Perf Bottom (ft): 135
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 23N03W25M004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 235

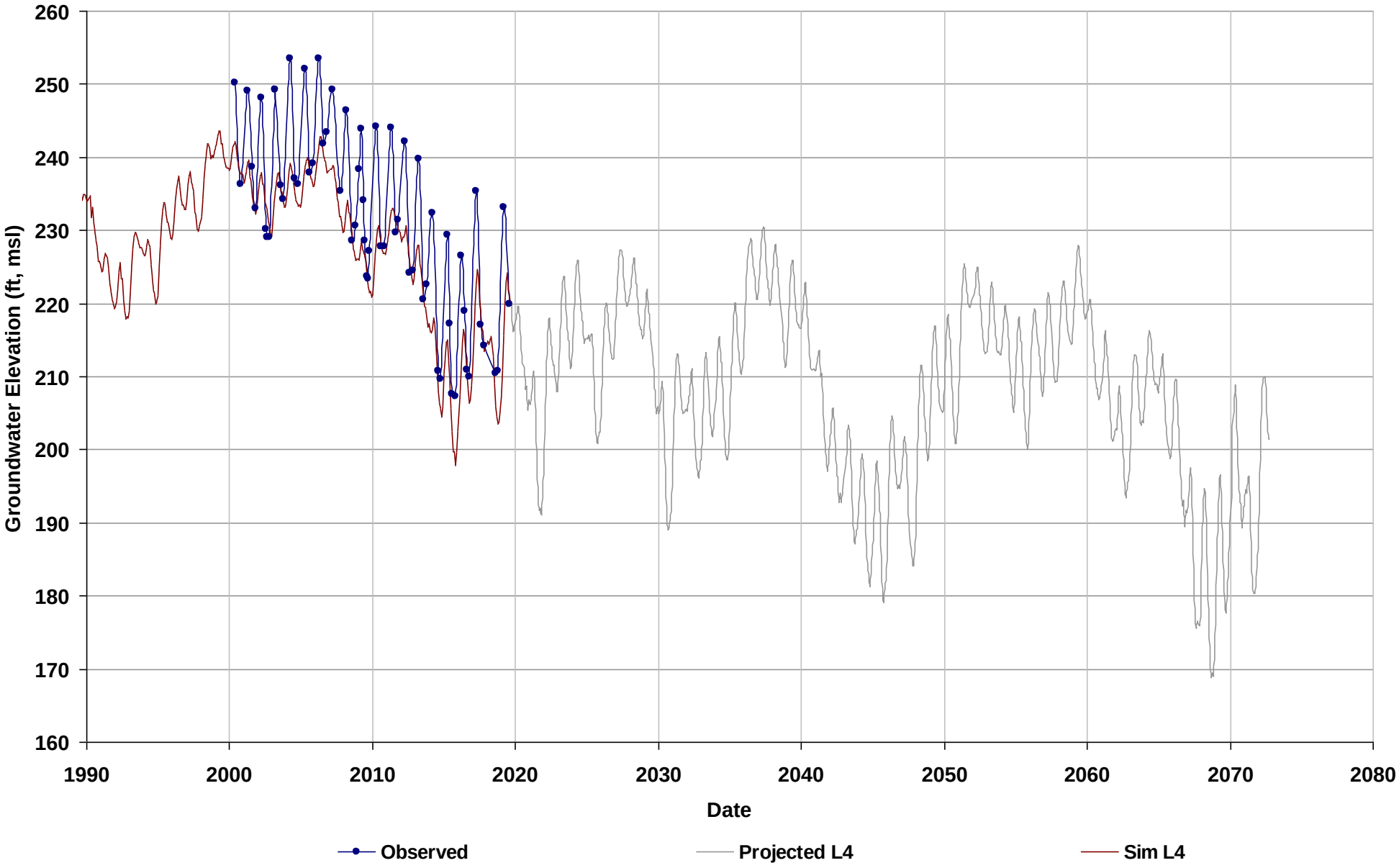
Total Depth (ft): 155
Perf Top (ft): 120
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 24N03W03R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 278

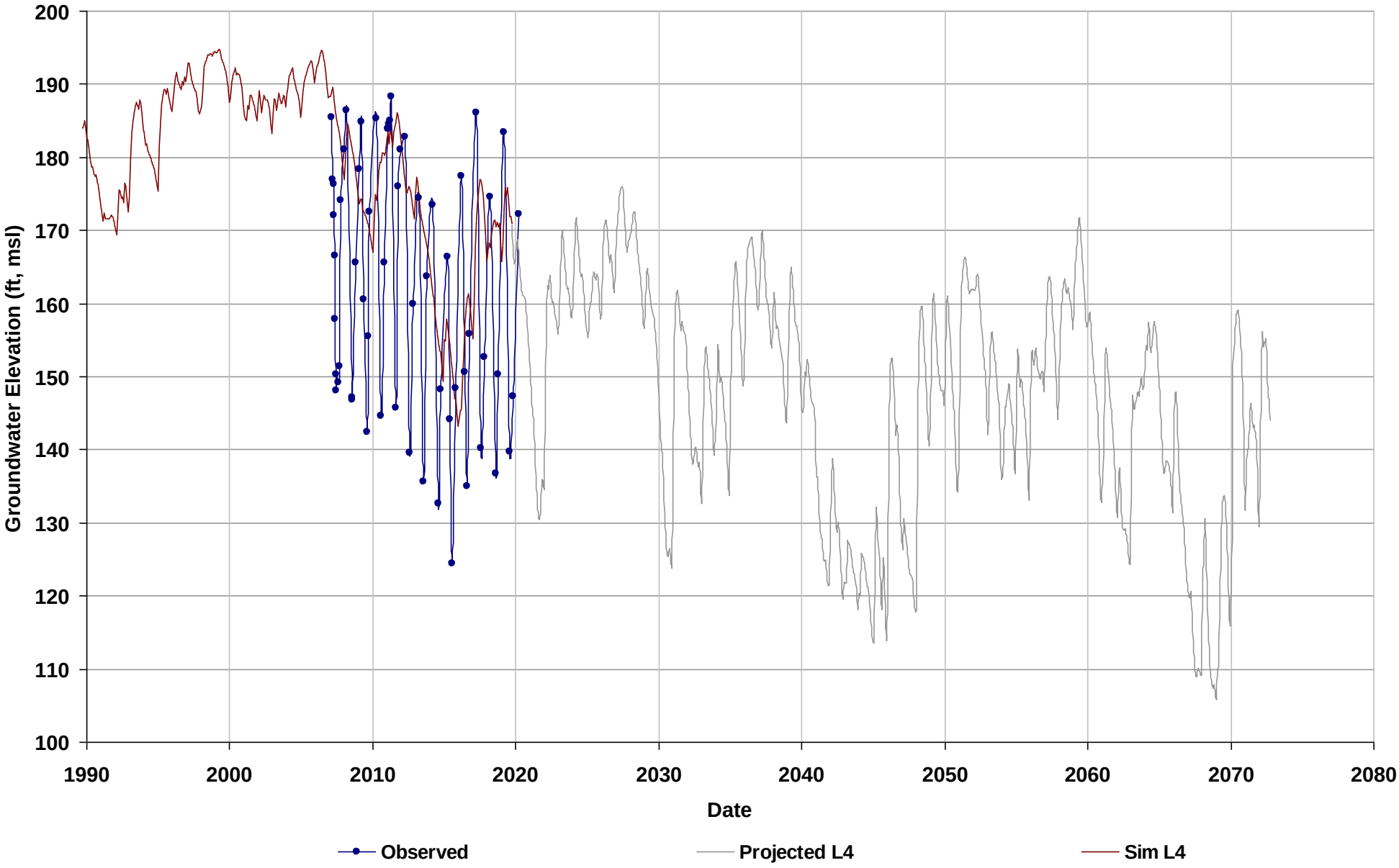
Total Depth (ft): 132
Perf Top (ft): 112
Perf Bottom (ft): 132
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W18C003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

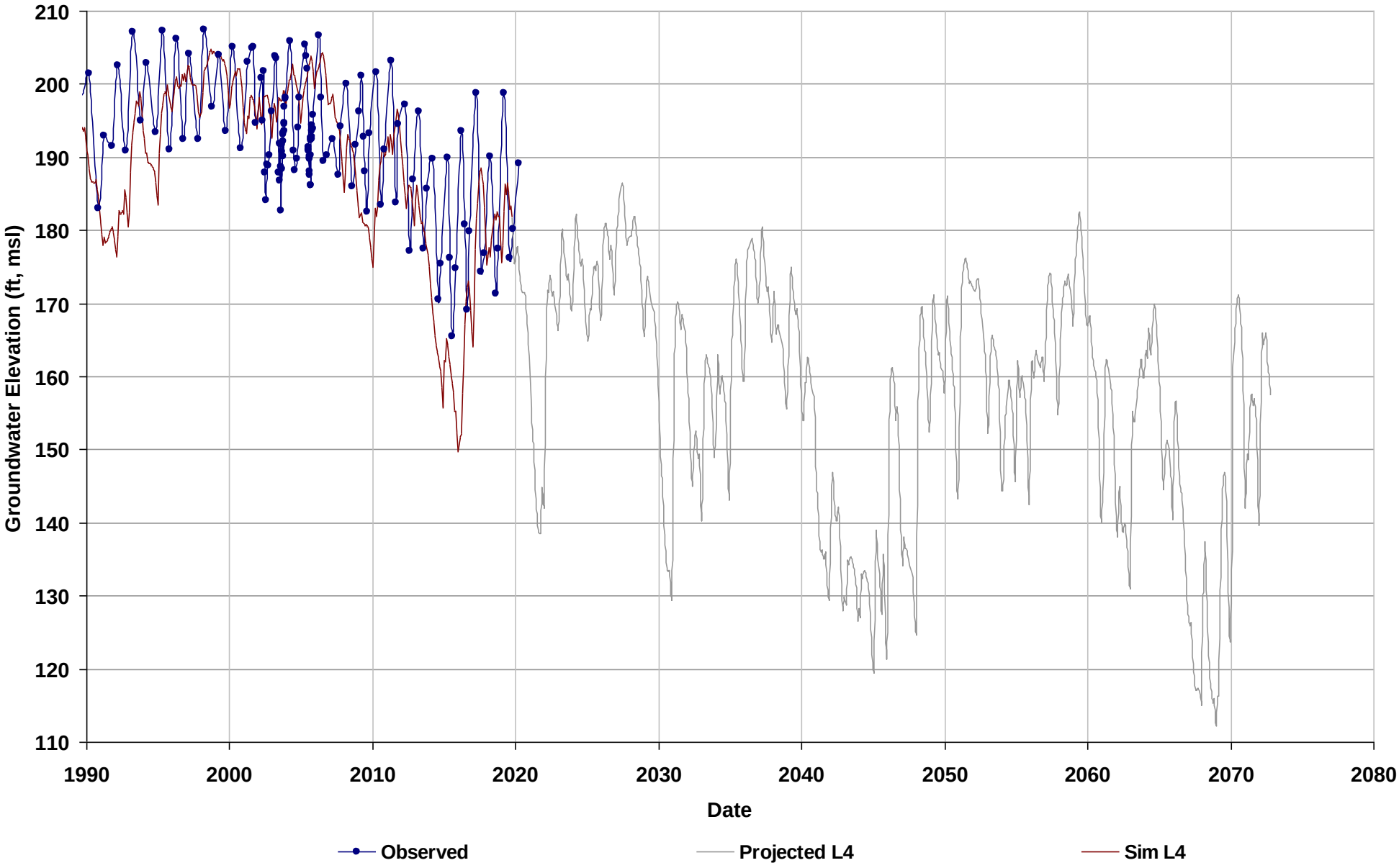
Total Depth (ft): 188
Perf Top (ft): 165
Perf Bottom (ft): 175
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N03W12Q003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 232

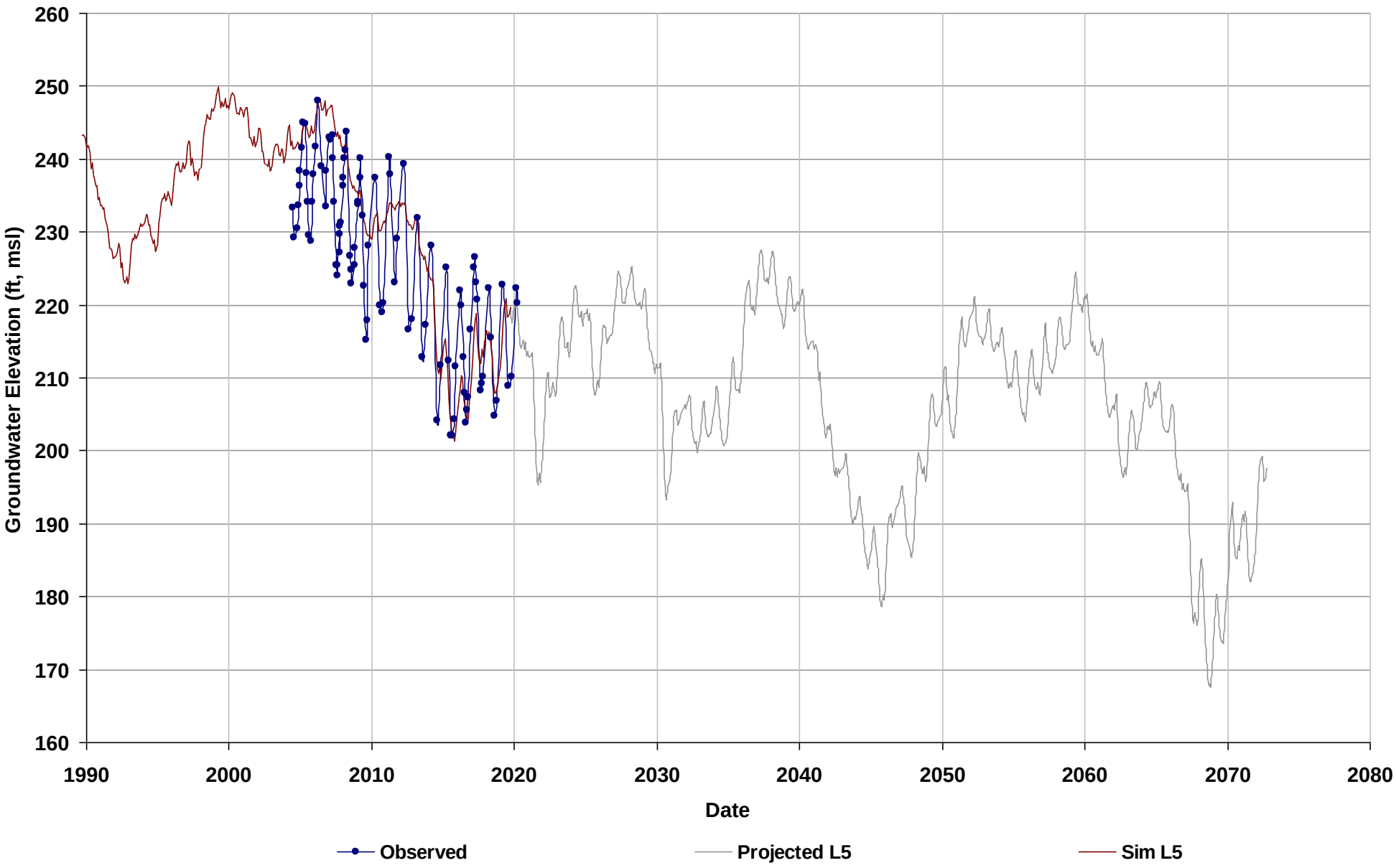
Total Depth (ft):
Perf Top (ft): 112
Perf Bottom (ft): 123
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 24N03W29Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 314

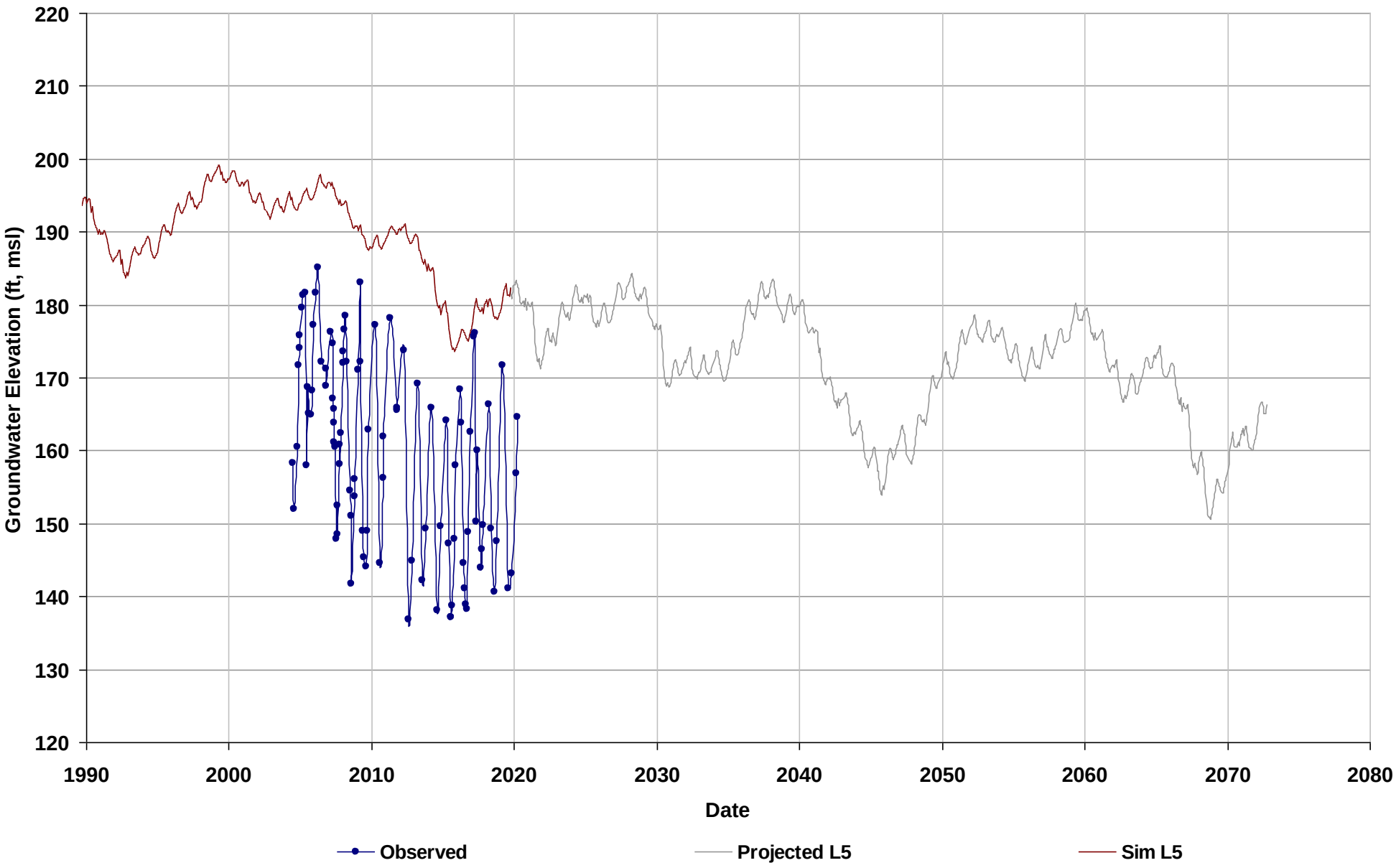
Total Depth (ft): 372
Perf Top (ft): 130
Perf Bottom (ft): 360
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 24N02W29N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 212

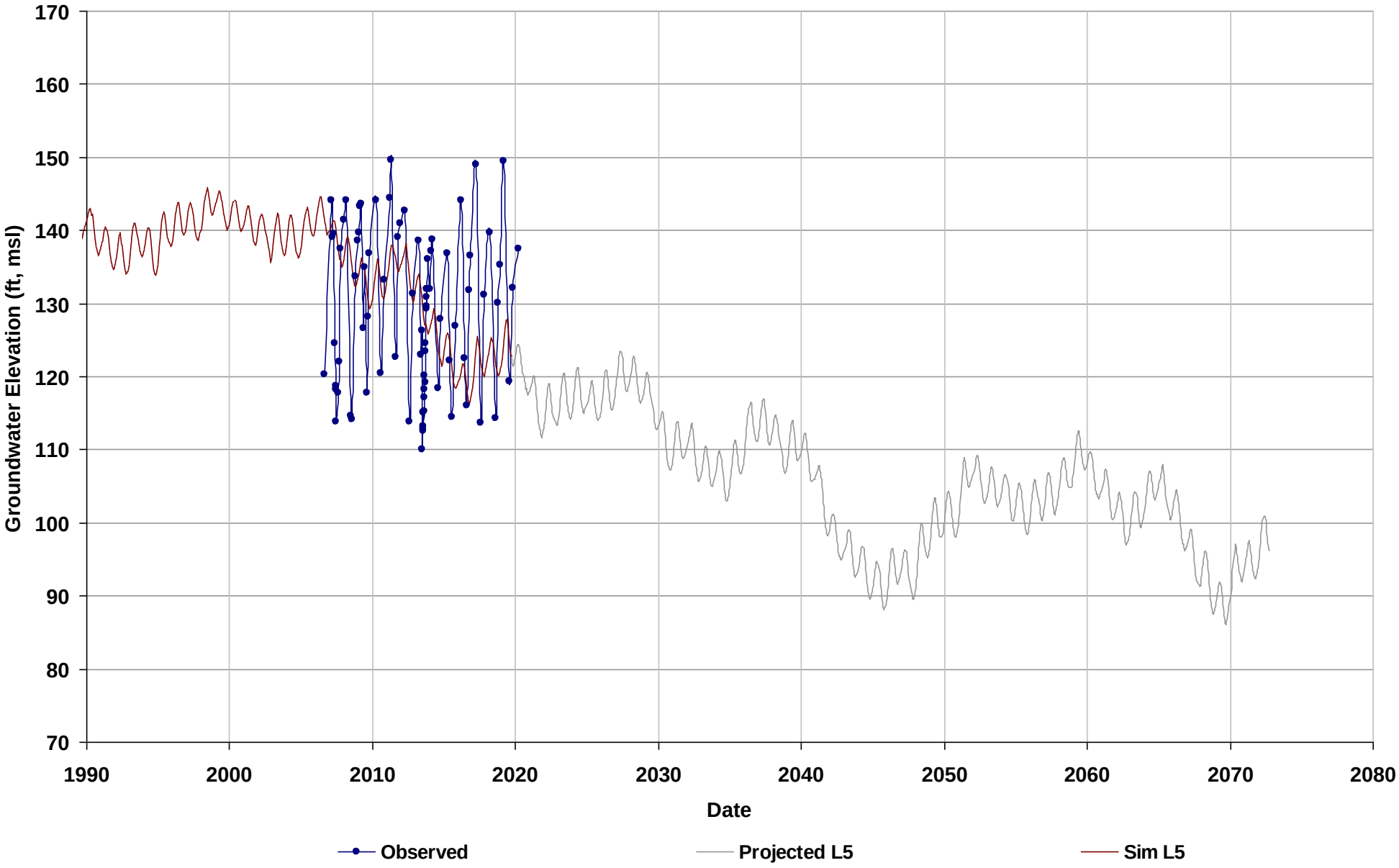
Total Depth (ft): 388
Perf Top (ft): 200
Perf Bottom (ft): 290
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W01N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

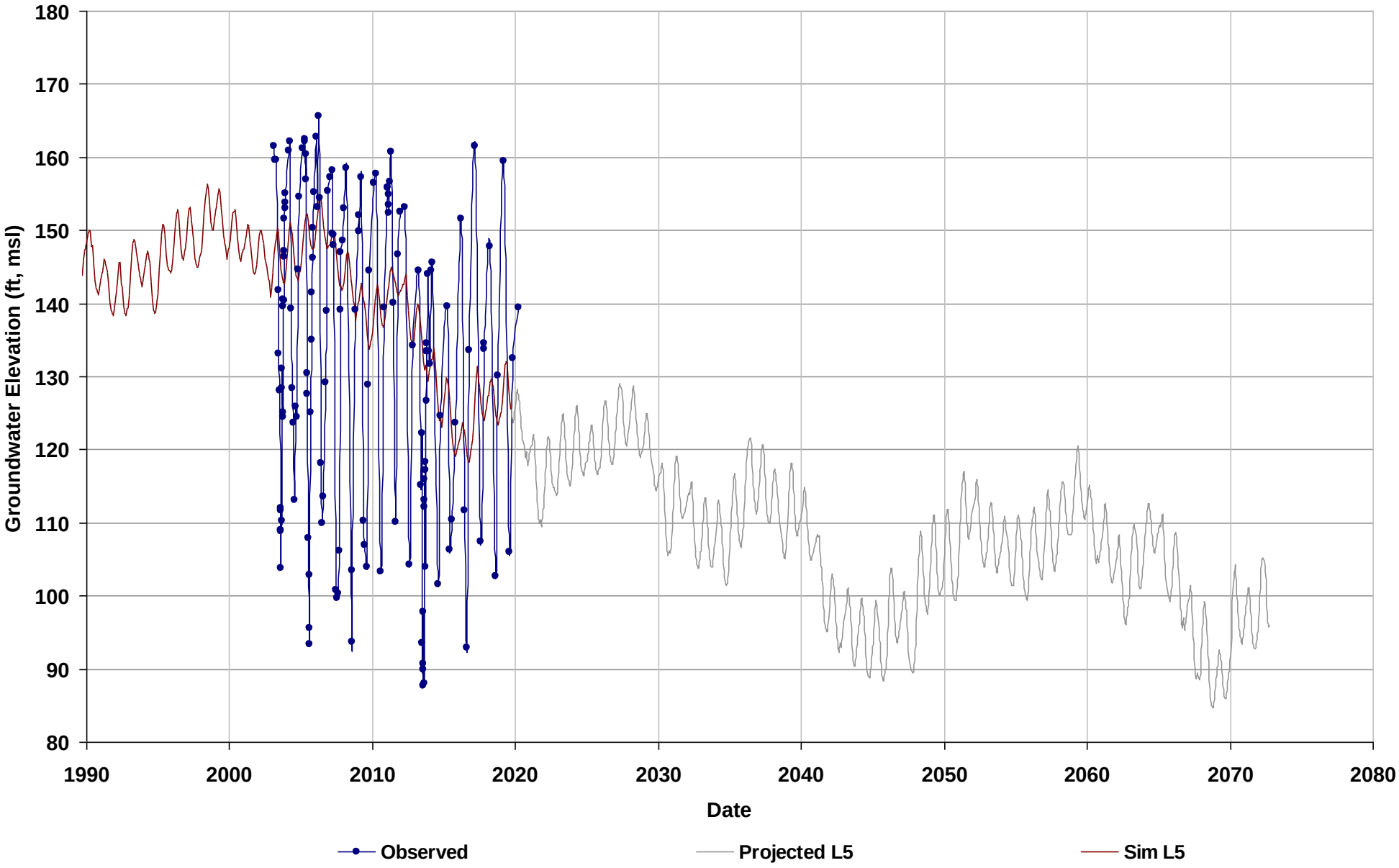
Total Depth (ft): 440
Perf Top (ft): 210
Perf Bottom (ft): 370
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W15C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

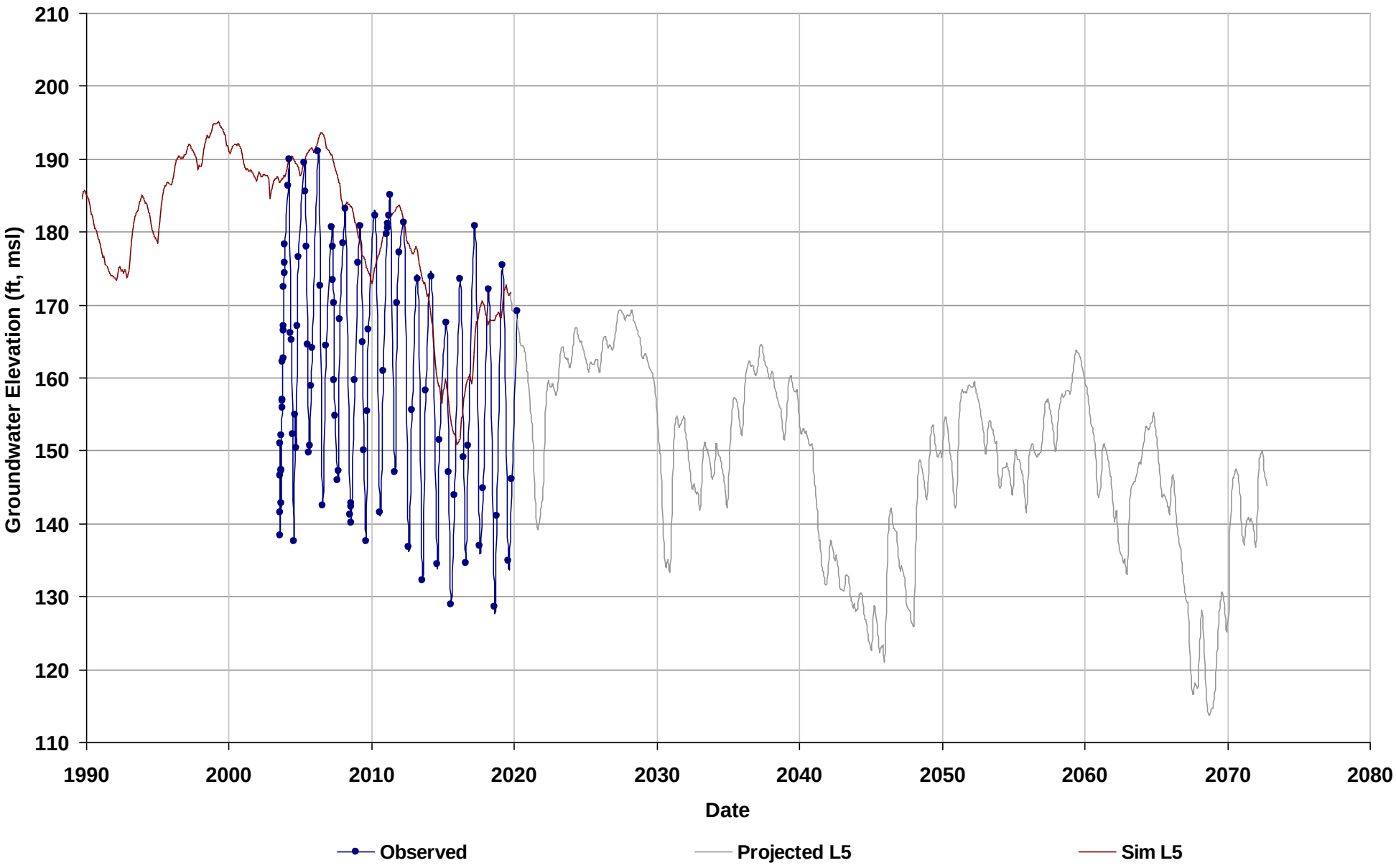
Total Depth (ft): 258
Perf Top (ft): 210
Perf Bottom (ft): 220
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N03W01R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

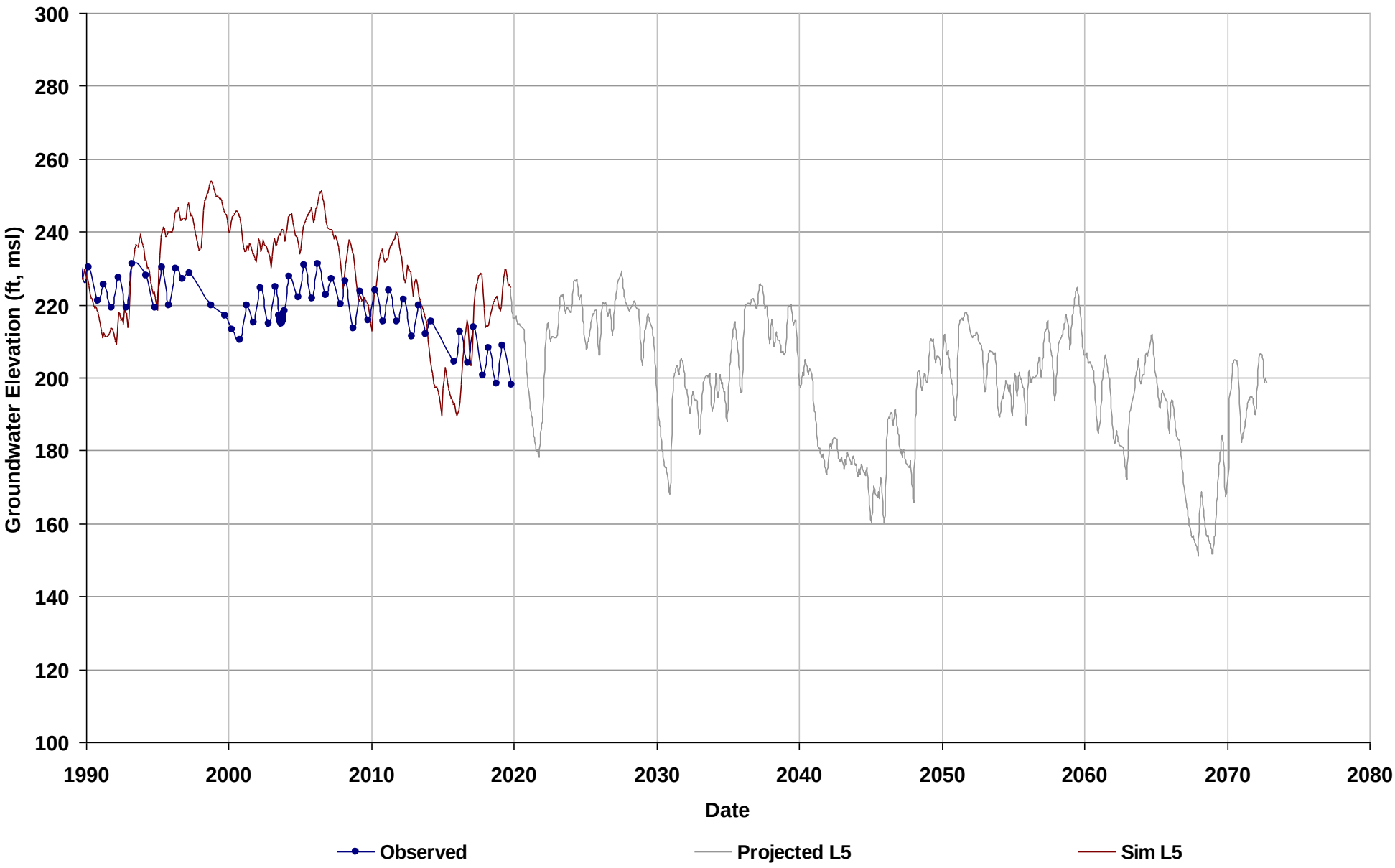
Total Depth (ft): 314
Perf Top (ft): 270
Perf Bottom (ft): 280
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N03W05F002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 297

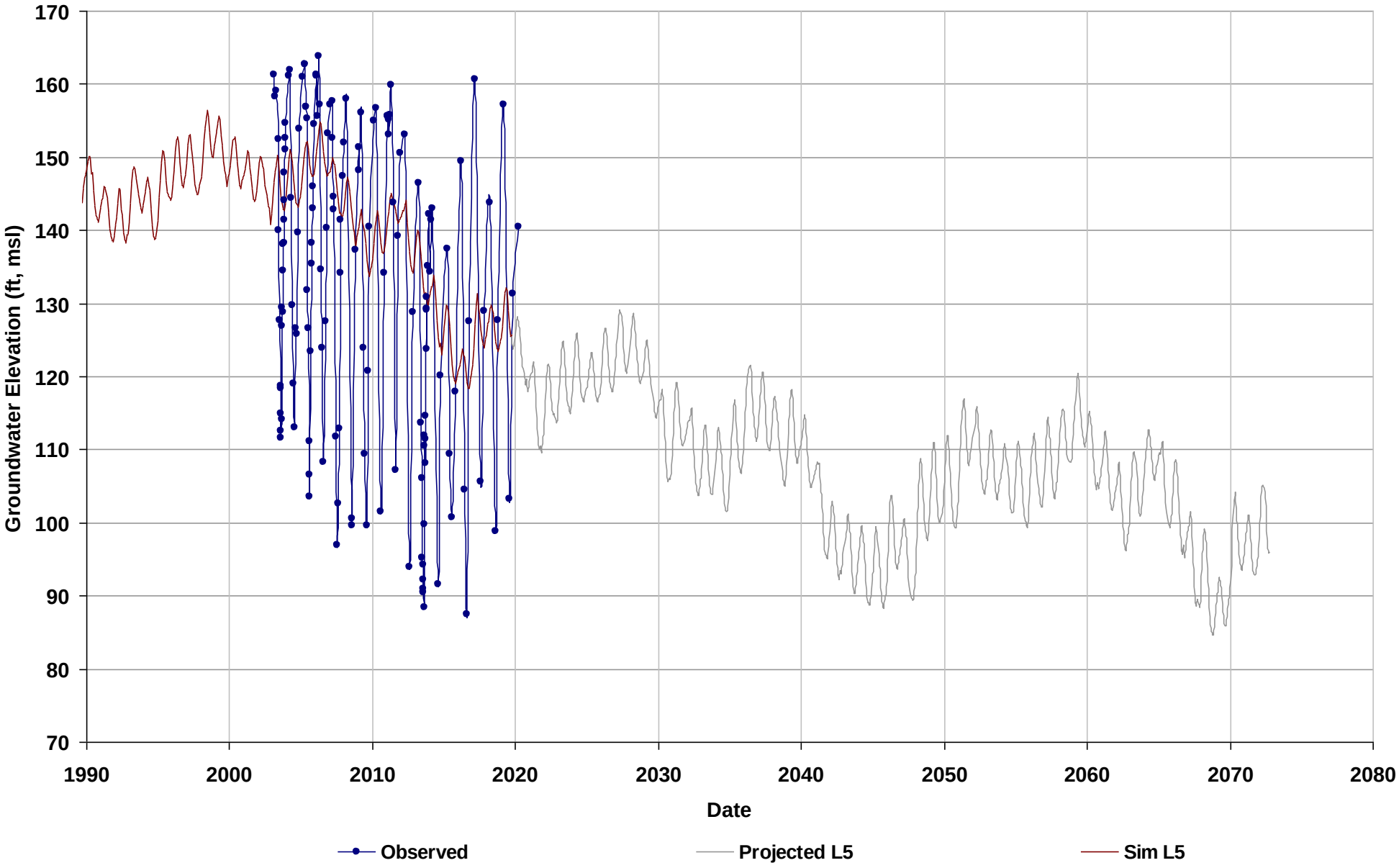
Total Depth (ft):
Perf Top (ft): 188
Perf Bottom (ft): 218
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W15C003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 189

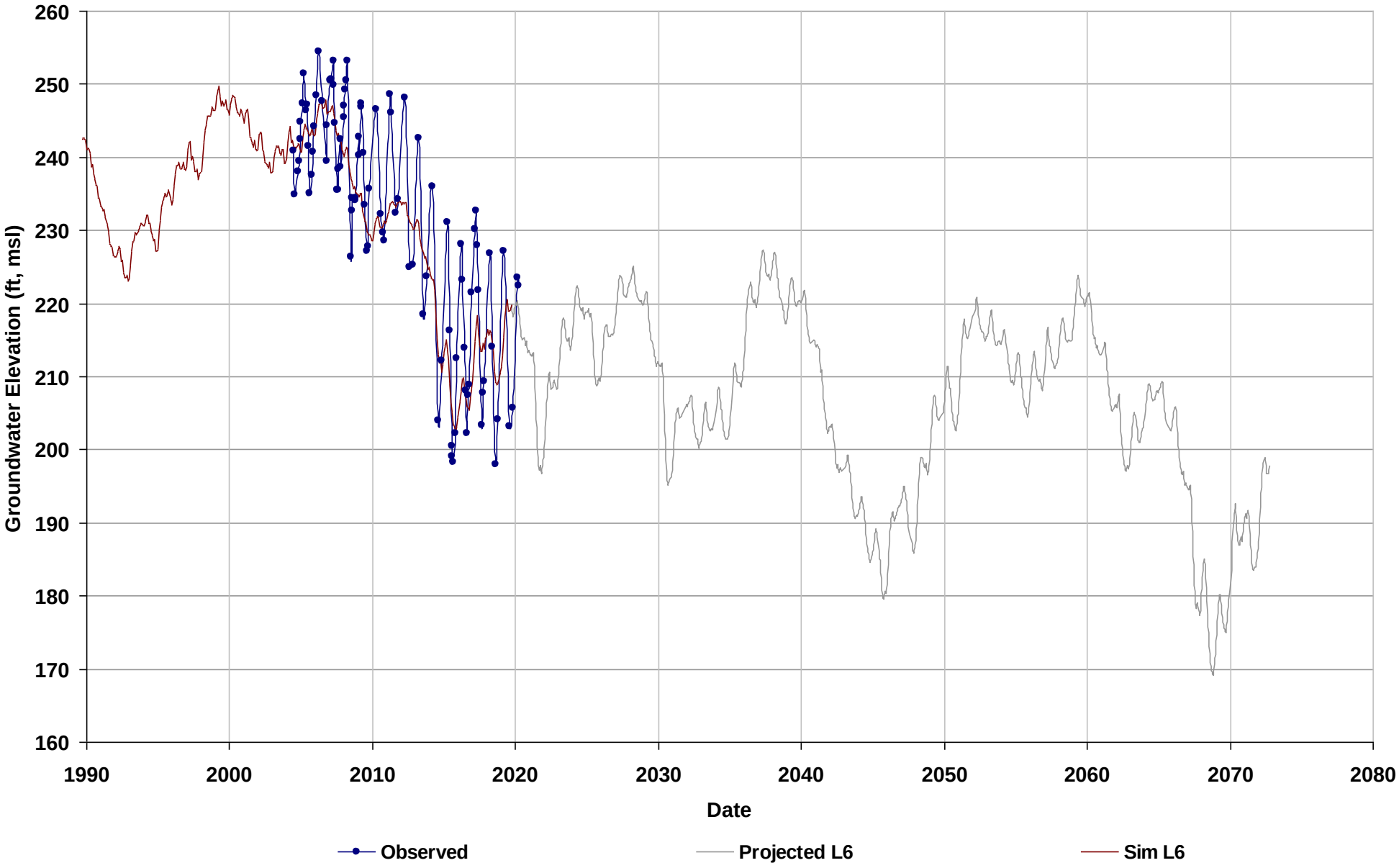
Total Depth (ft): 422
Perf Top (ft): 370
Perf Bottom (ft): 380
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 24N03W29Q002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

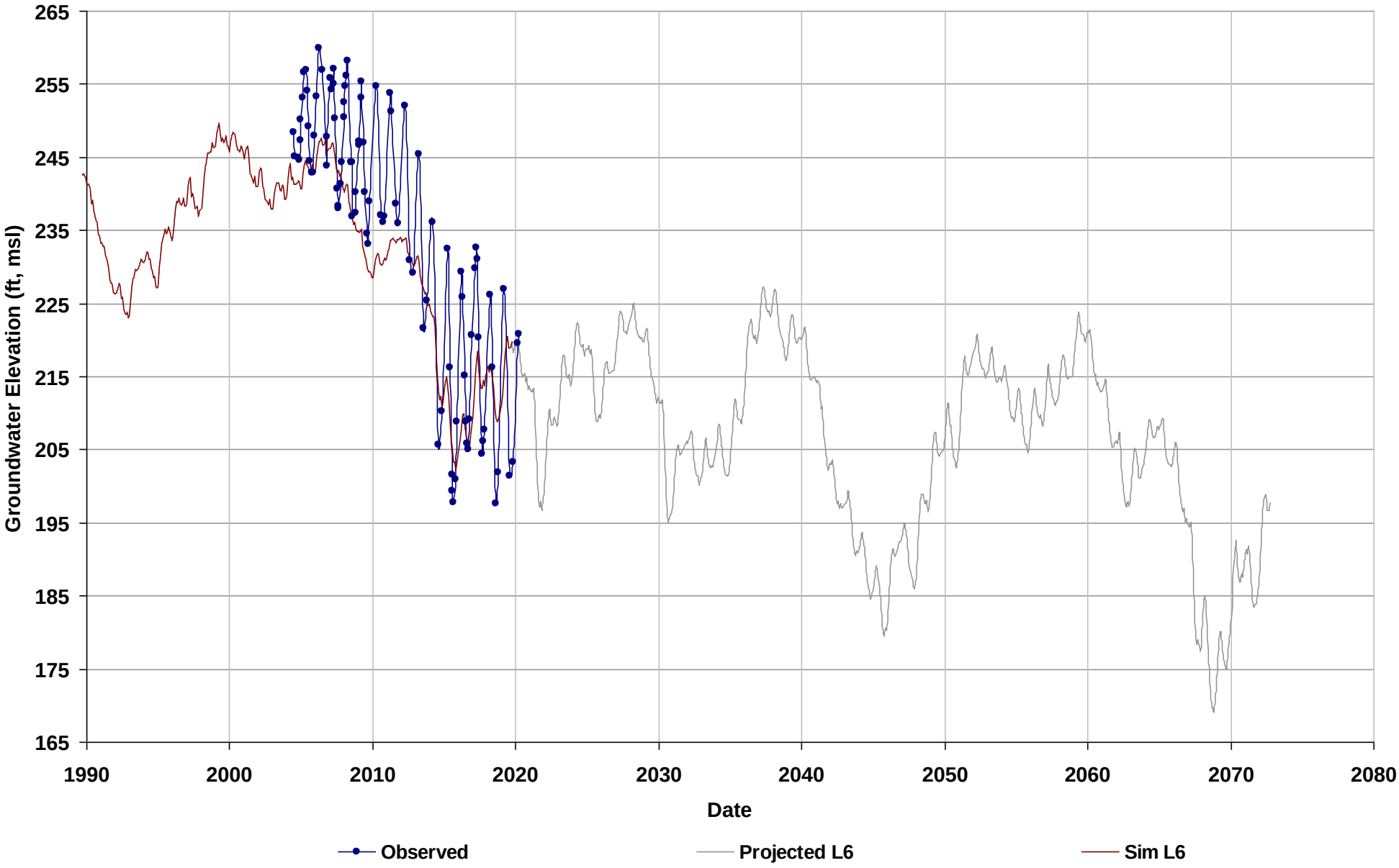
Total Depth (ft): 575
Perf Top (ft): 490
Perf Bottom (ft): 550
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 24N03W29Q003M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

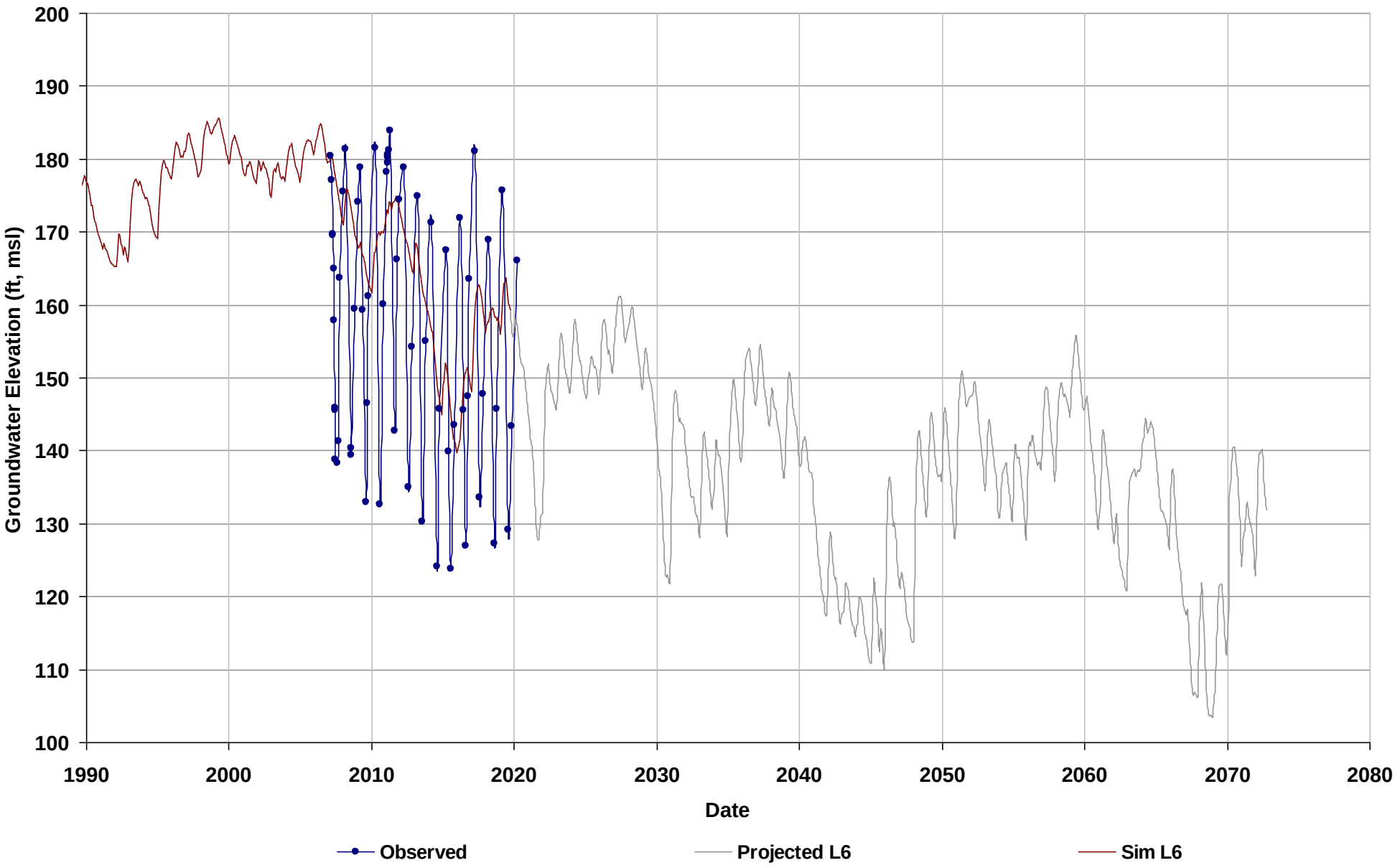
Total Depth (ft): 844
Perf Top (ft): 650
Perf Bottom (ft): 710
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W18C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

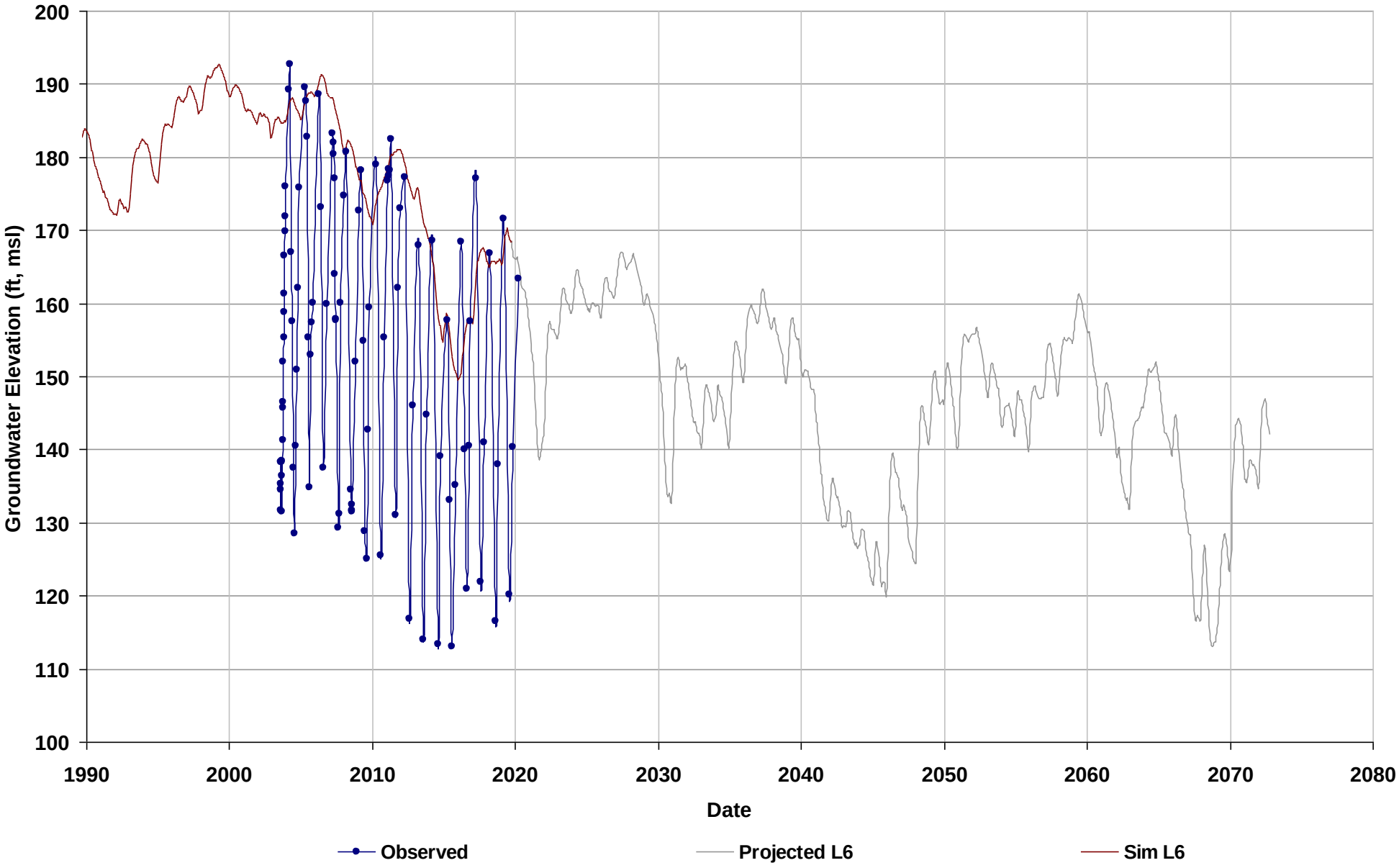
Total Depth (ft): 482
Perf Top (ft): 414
Perf Bottom (ft): 434
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N03W01R001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 226

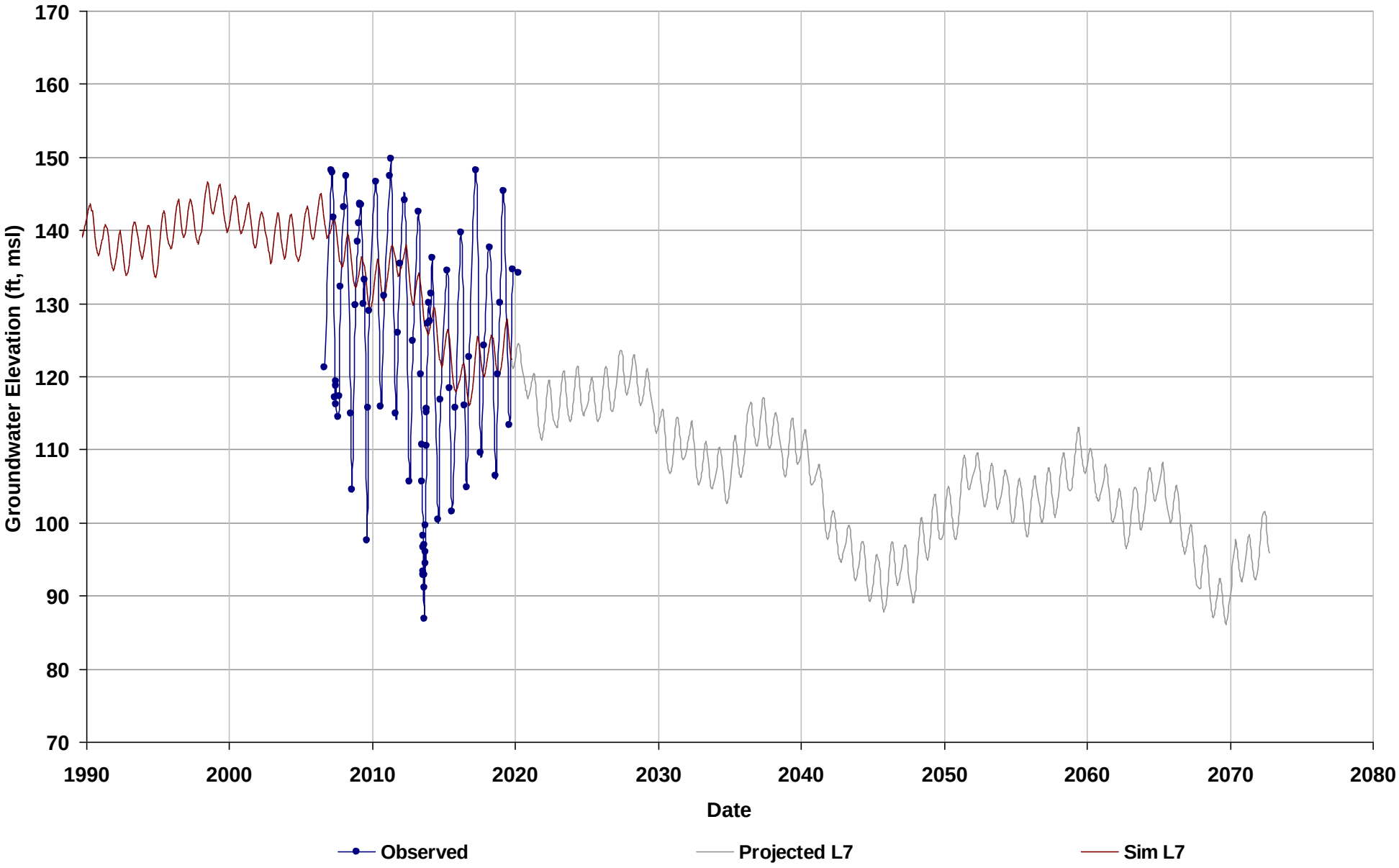
Total Depth (ft): 515
Perf Top (ft): 470
Perf Bottom (ft): 480
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W01N002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

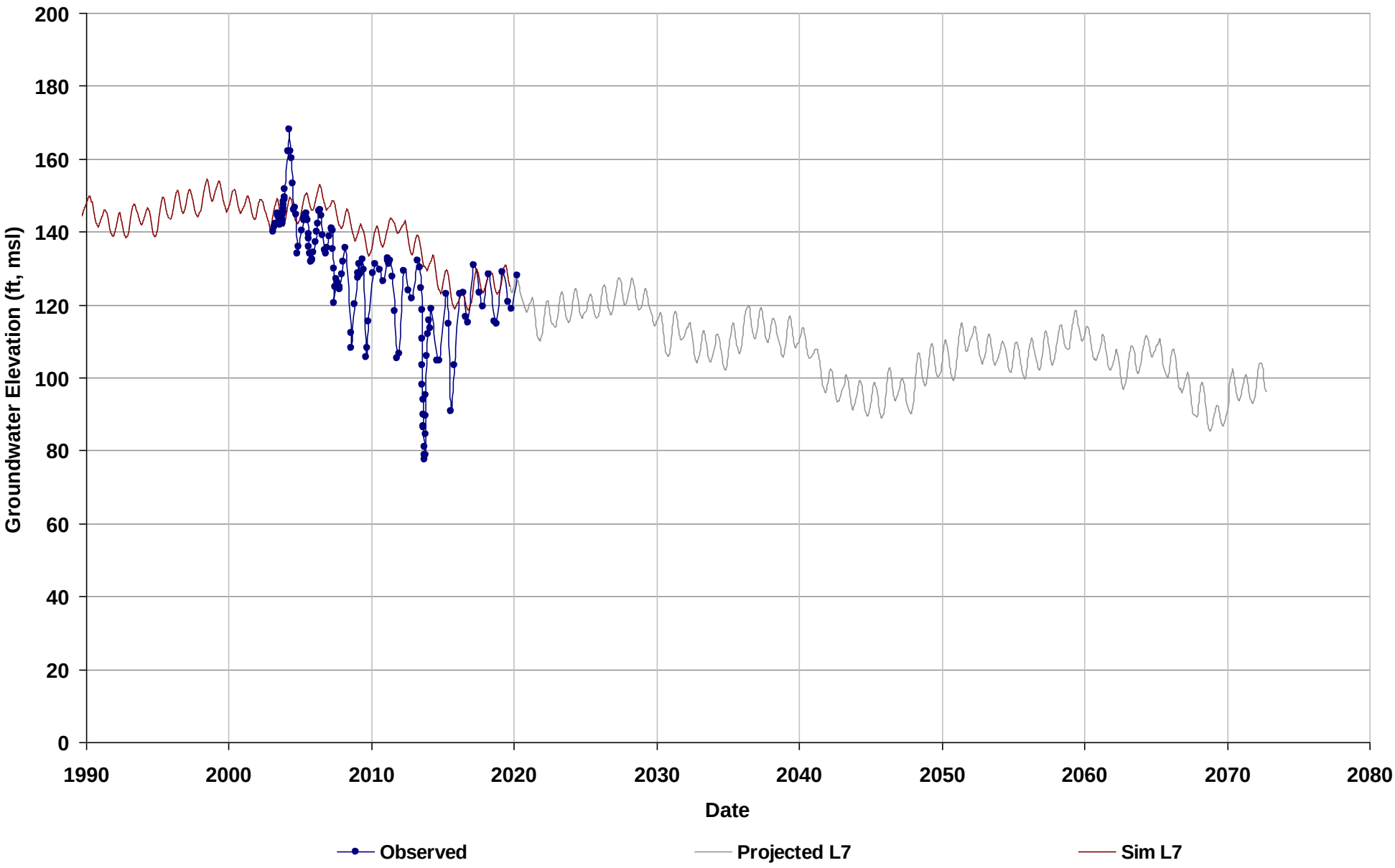
Total Depth (ft): 730
Perf Top (ft): 700
Perf Bottom (ft): 710
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W15C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 189

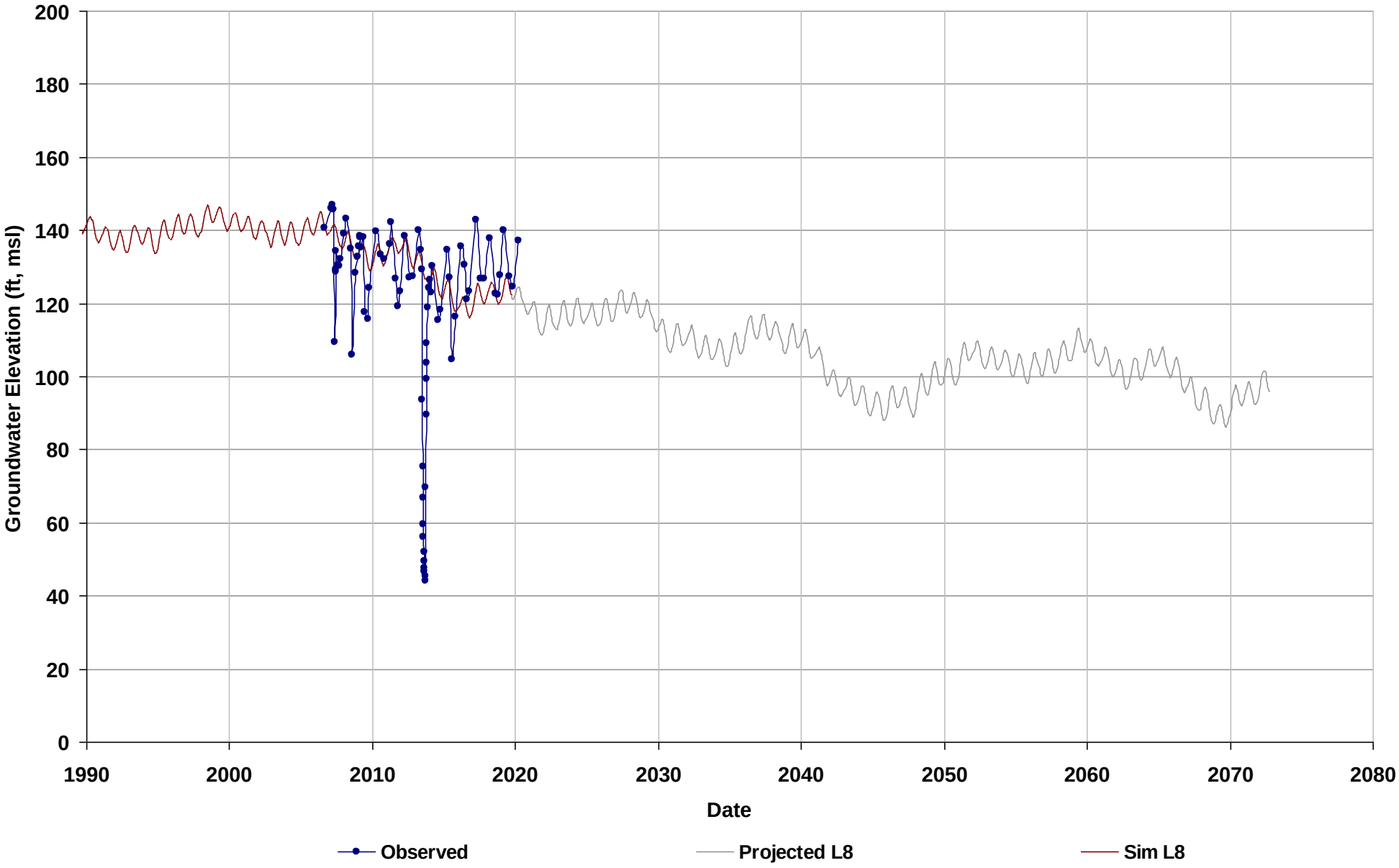
Total Depth (ft): 825
Perf Top (ft): 760
Perf Bottom (ft): 781
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W01N001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

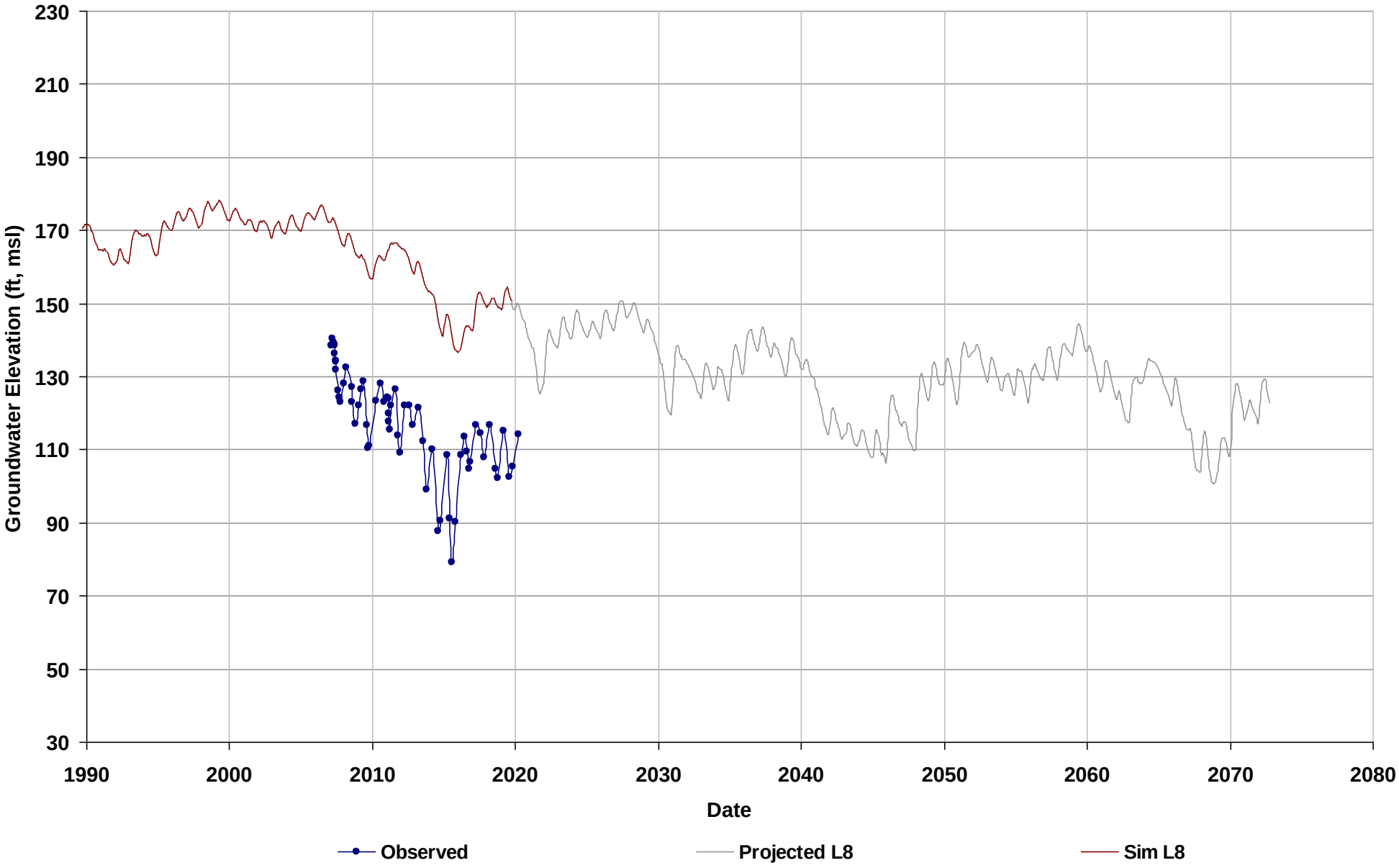
Total Depth (ft): 1100
Perf Top (ft): 810
Perf Bottom (ft): 1050
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 22N02W18C001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

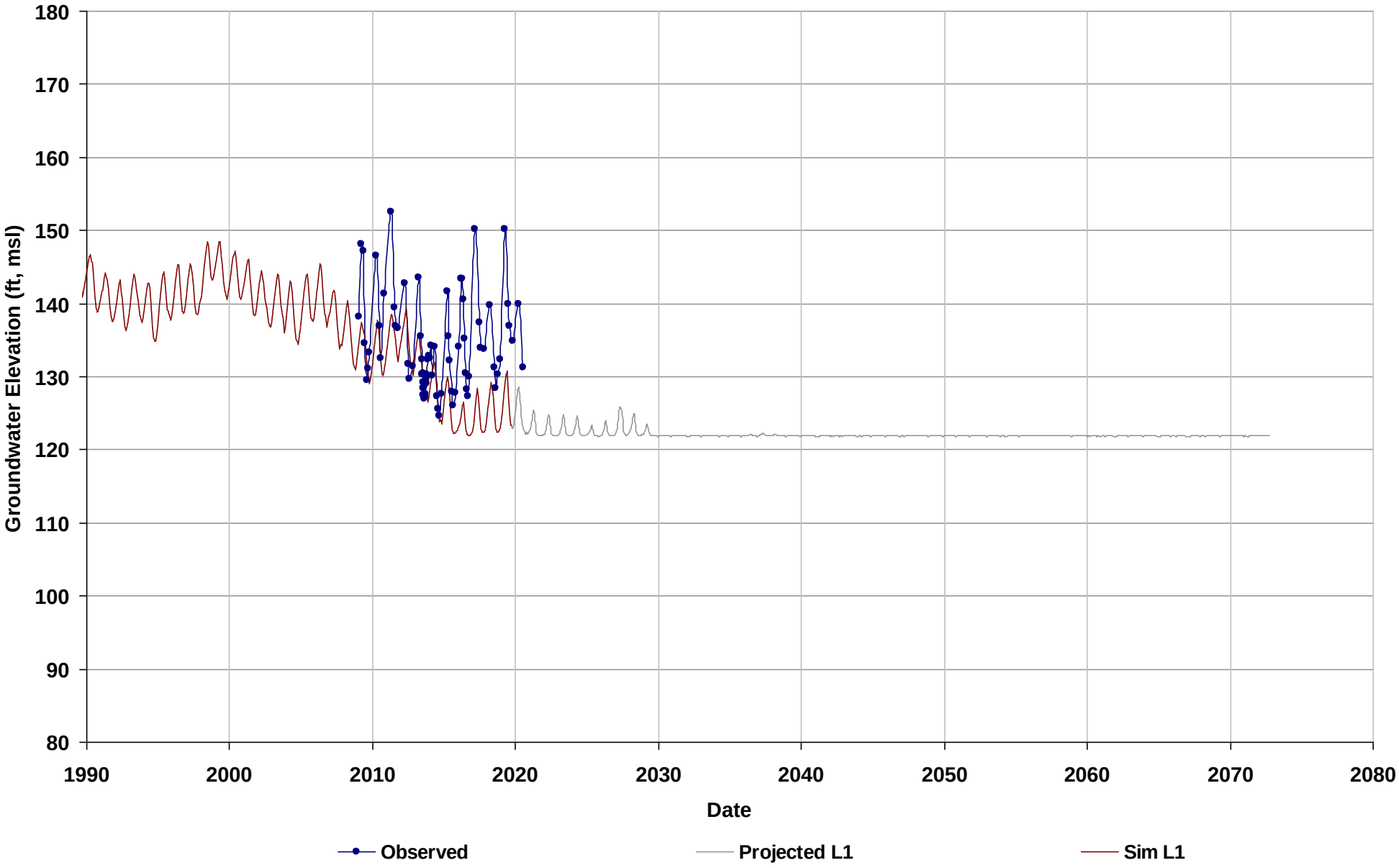
Total Depth (ft): 1062
Perf Top (ft): 841
Perf Bottom (ft): 1029
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 23N01W28M005M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 159

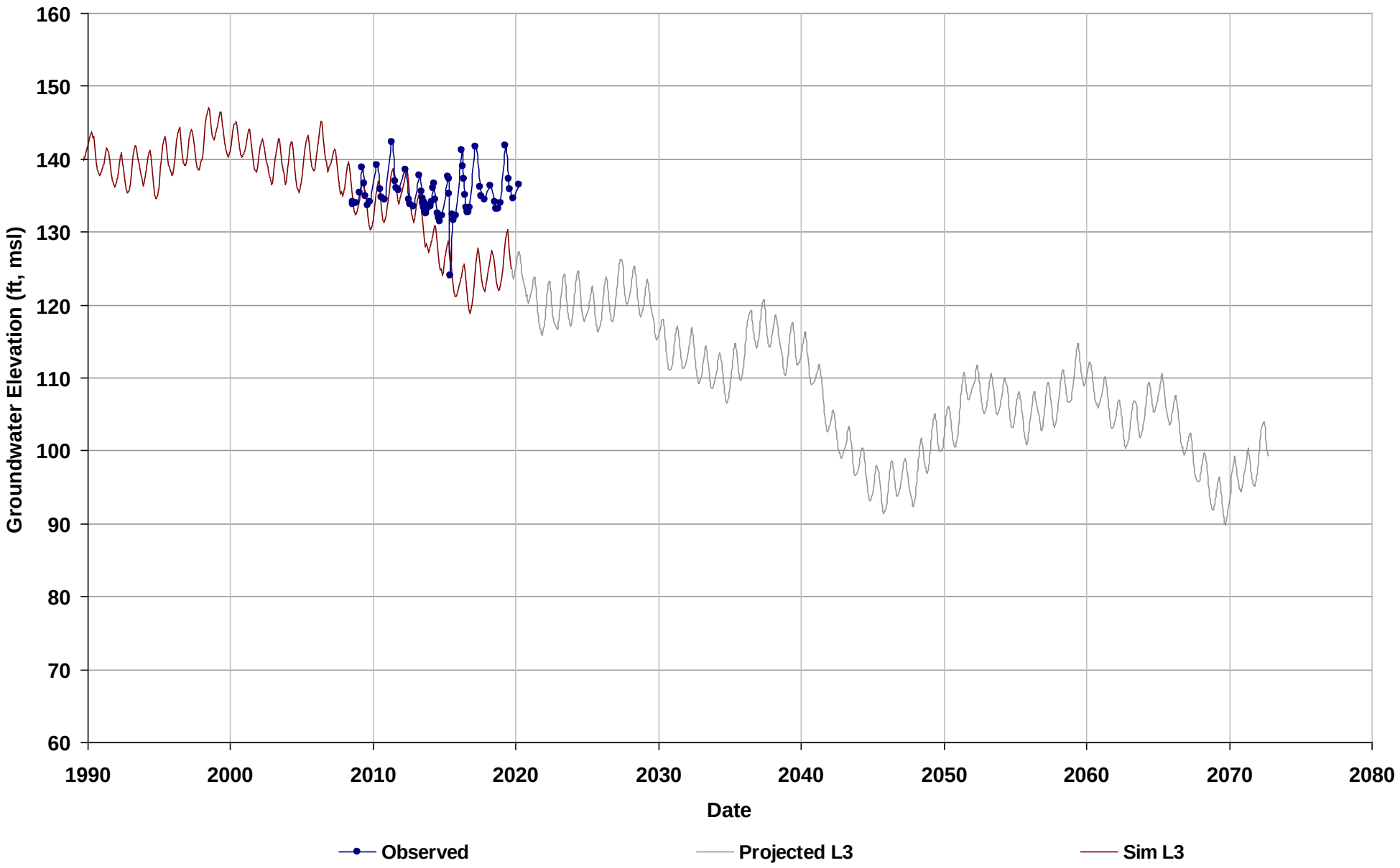
Total Depth (ft): 72
Perf Top (ft): 30
Perf Bottom (ft): 50
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 23N01W31M004M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

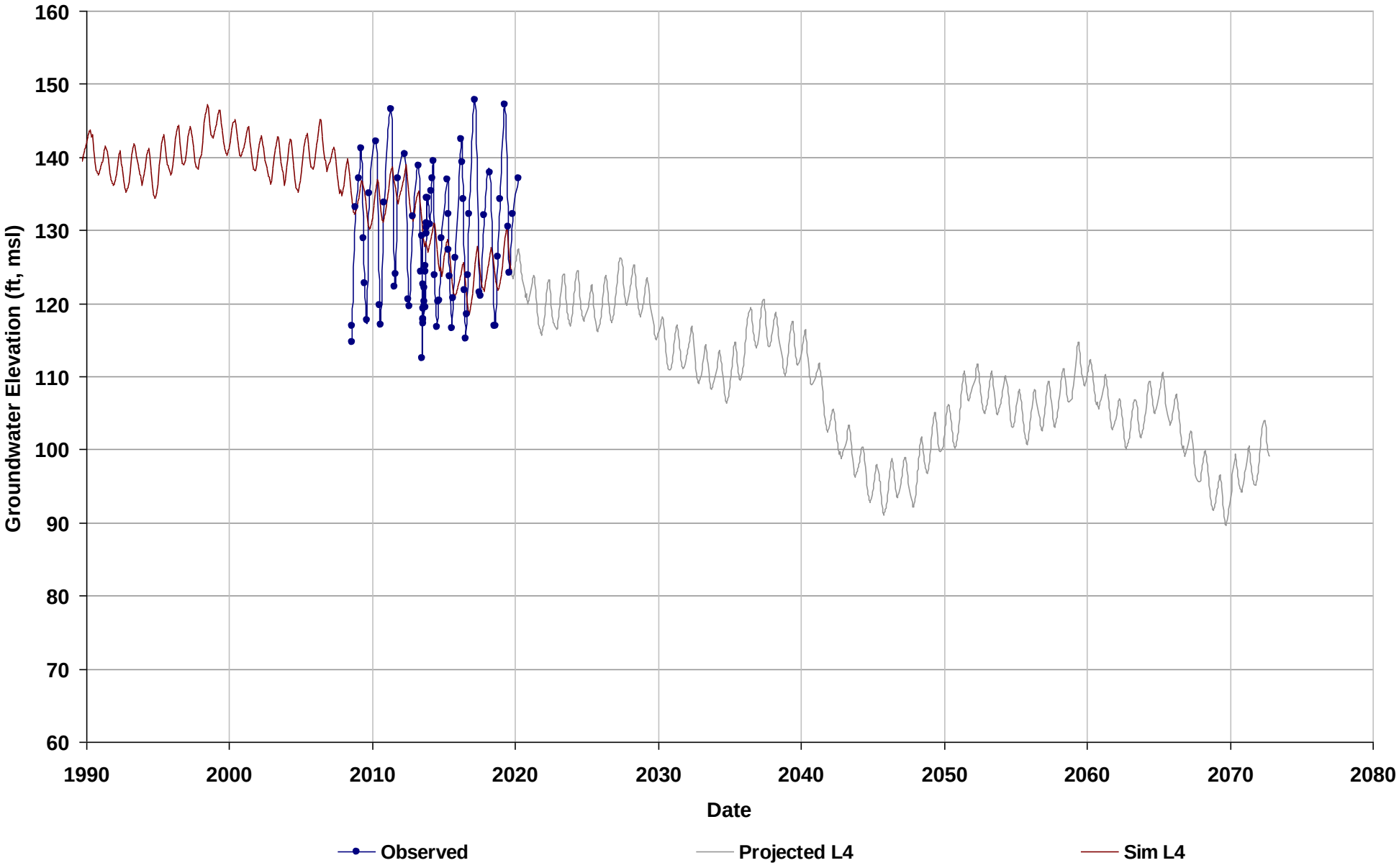
Total Depth (ft): 106
Perf Top (ft): 65.5
Perf Bottom (ft): 75.5
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 23N01W31M003M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

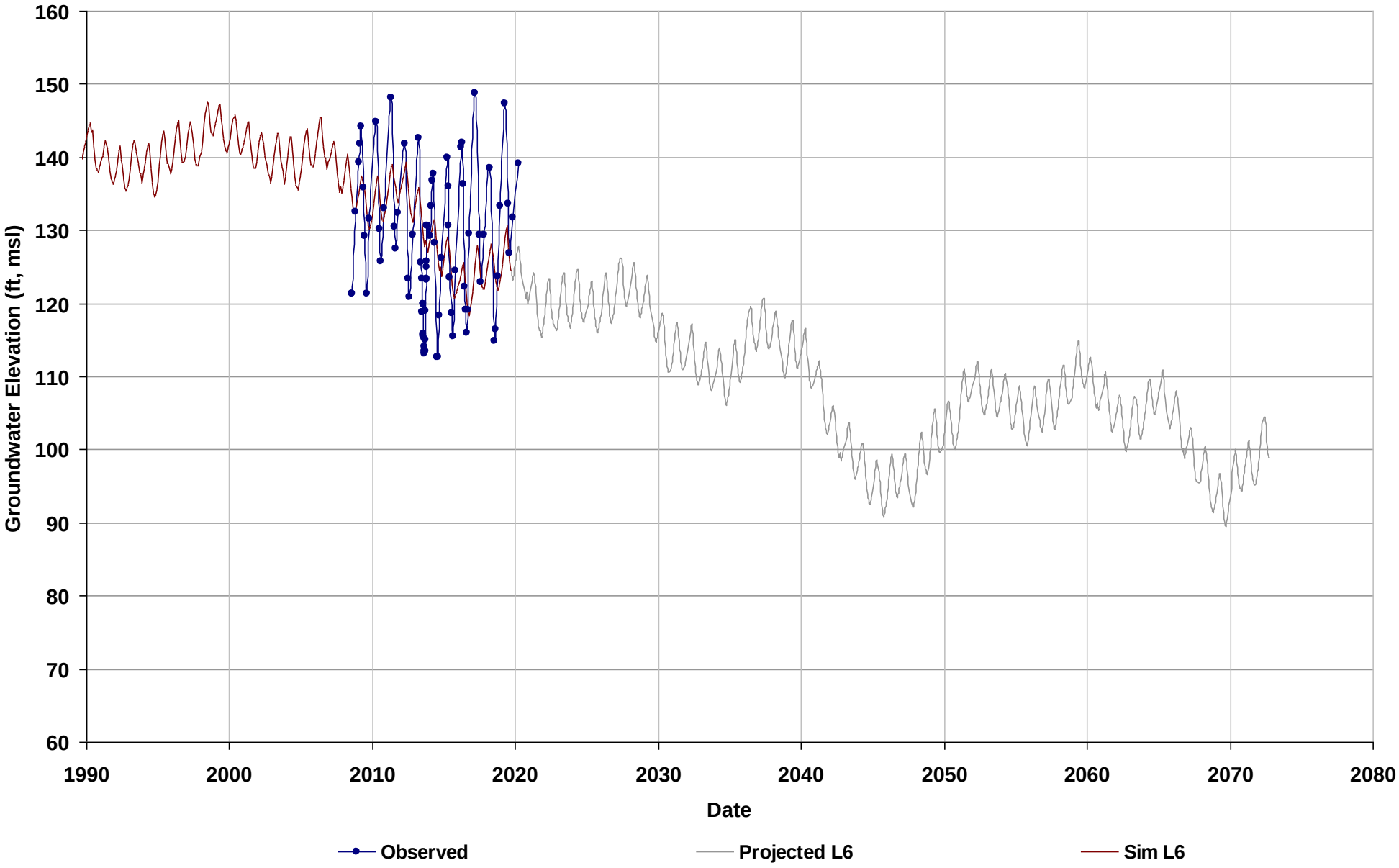
Total Depth (ft): 245
Perf Top (ft): 140
Perf Bottom (ft): 201
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 23N01W31M002M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

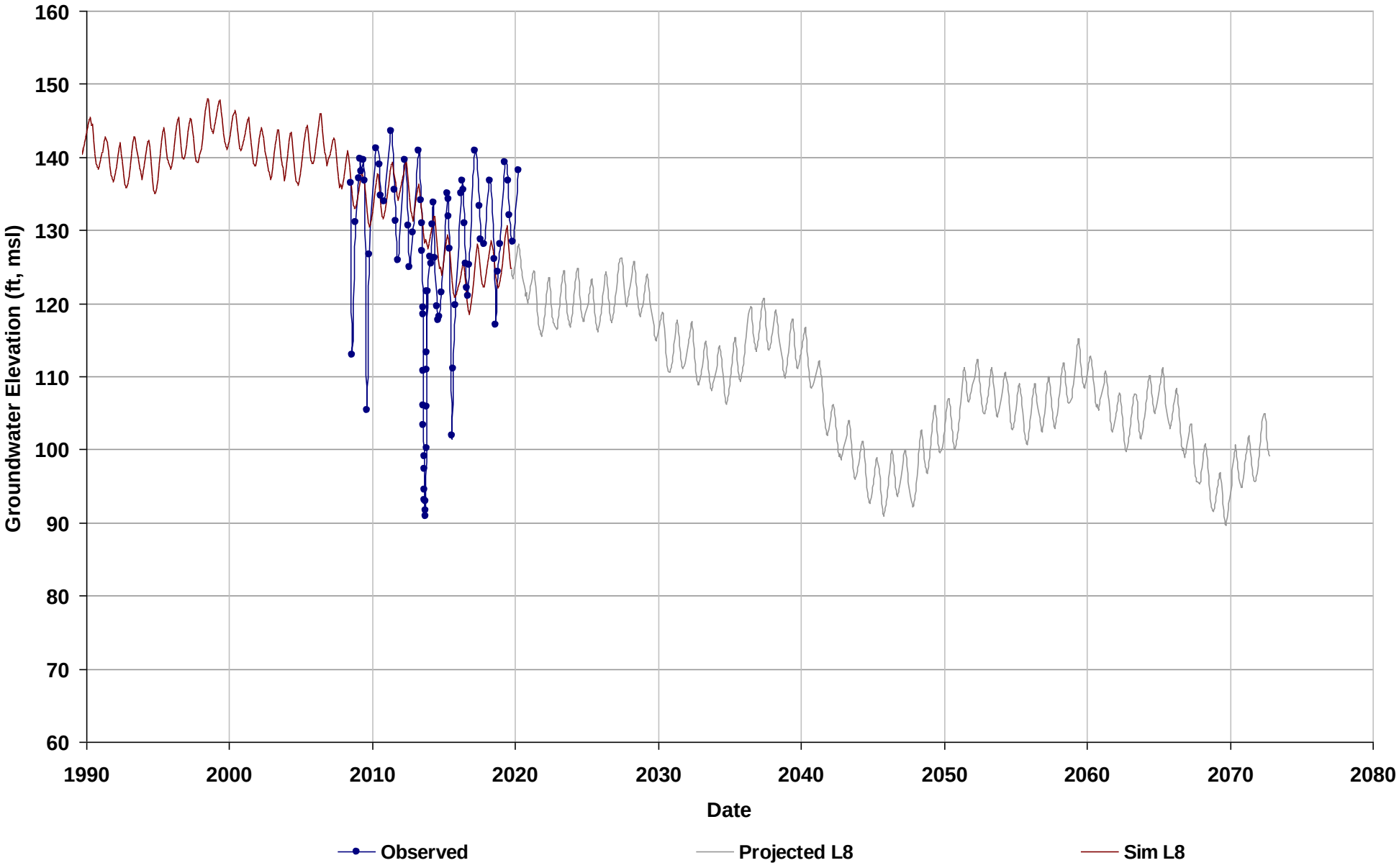
Total Depth (ft): 616
Perf Top (ft): 545
Perf Bottom (ft): 600
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 23N01W31M001M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

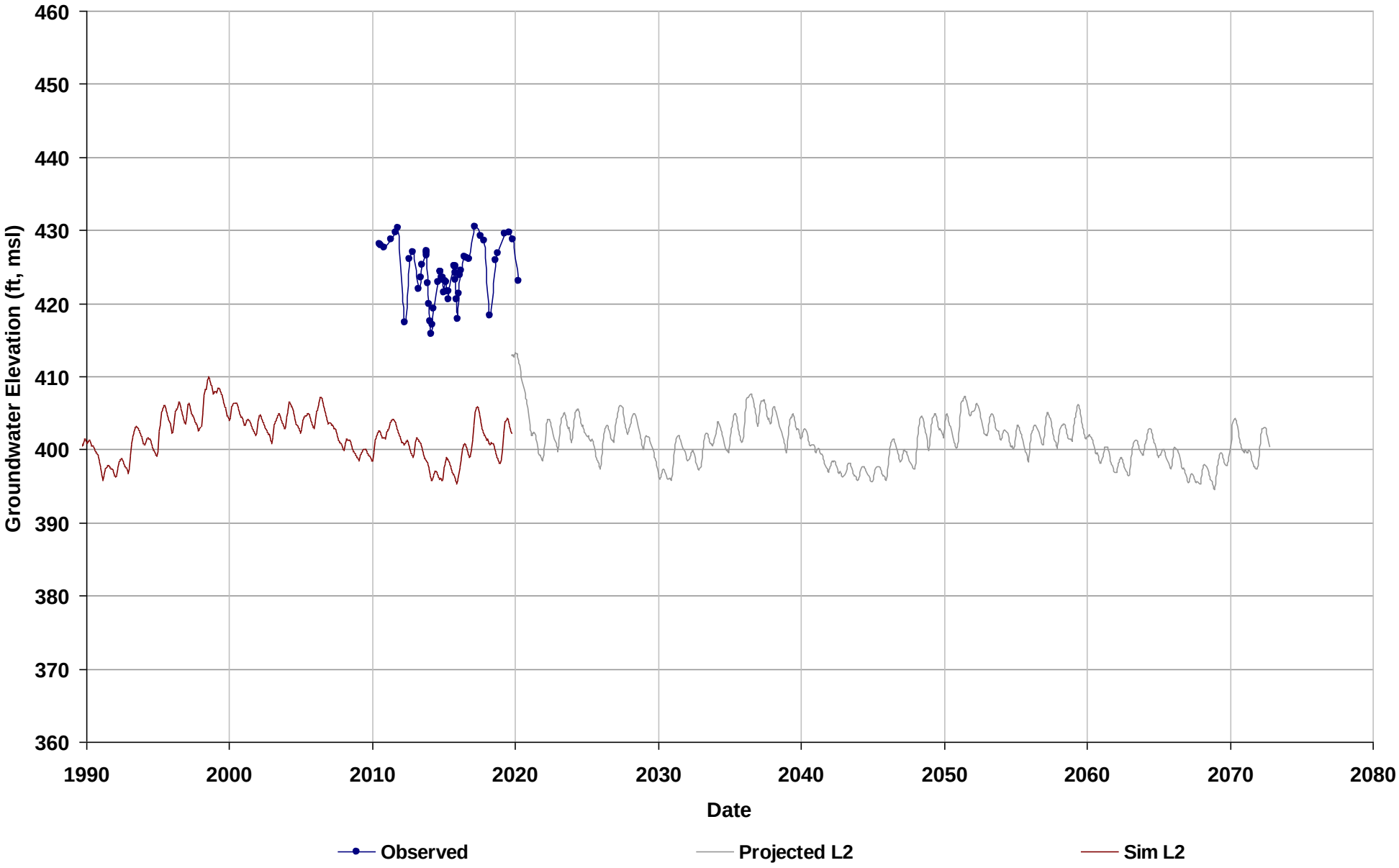
Total Depth (ft): 1200
Perf Top (ft): 969
Perf Bottom (ft): 1030
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N04W03R006M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

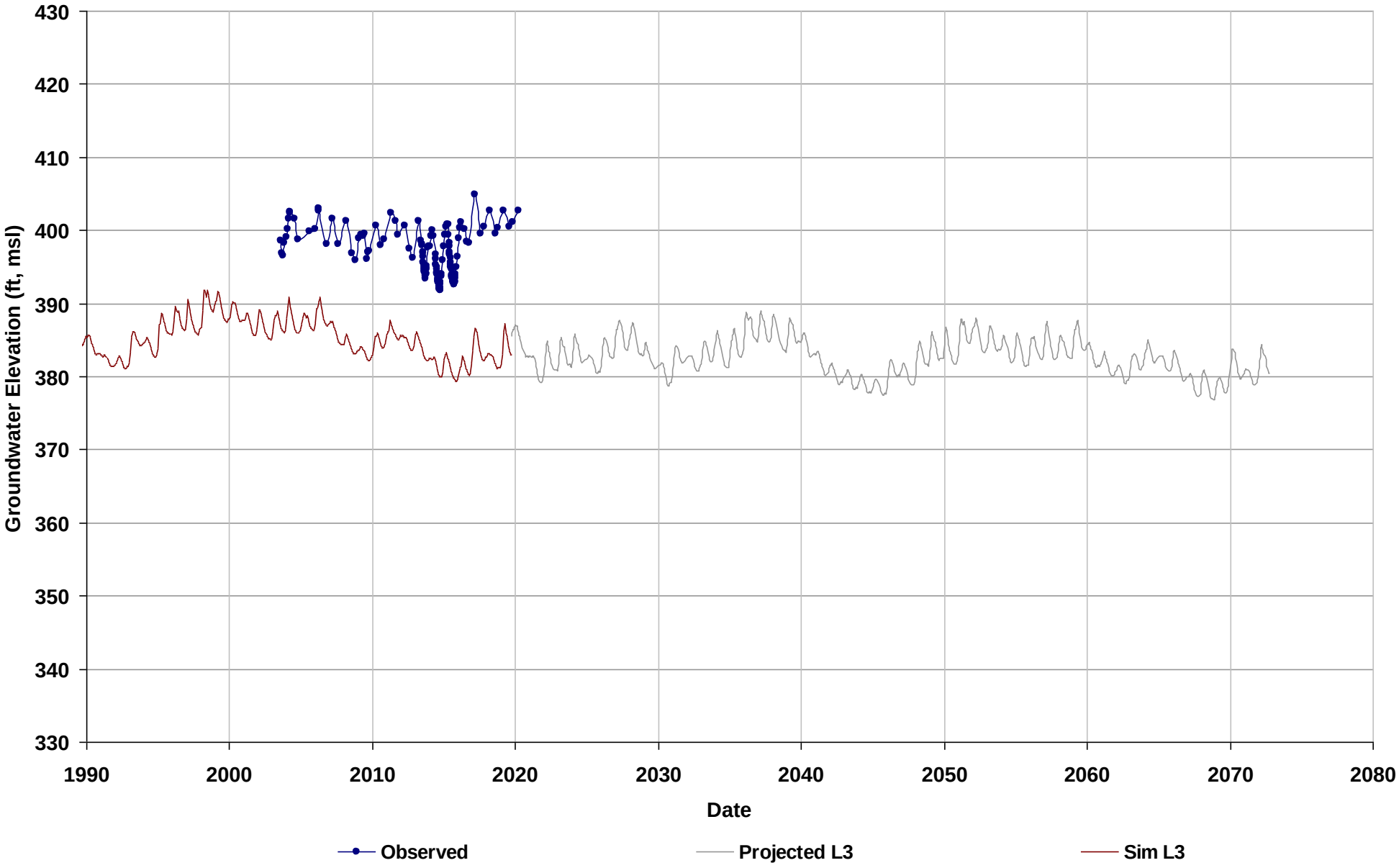
Total Depth (ft): 76
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 30N04W22F002M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

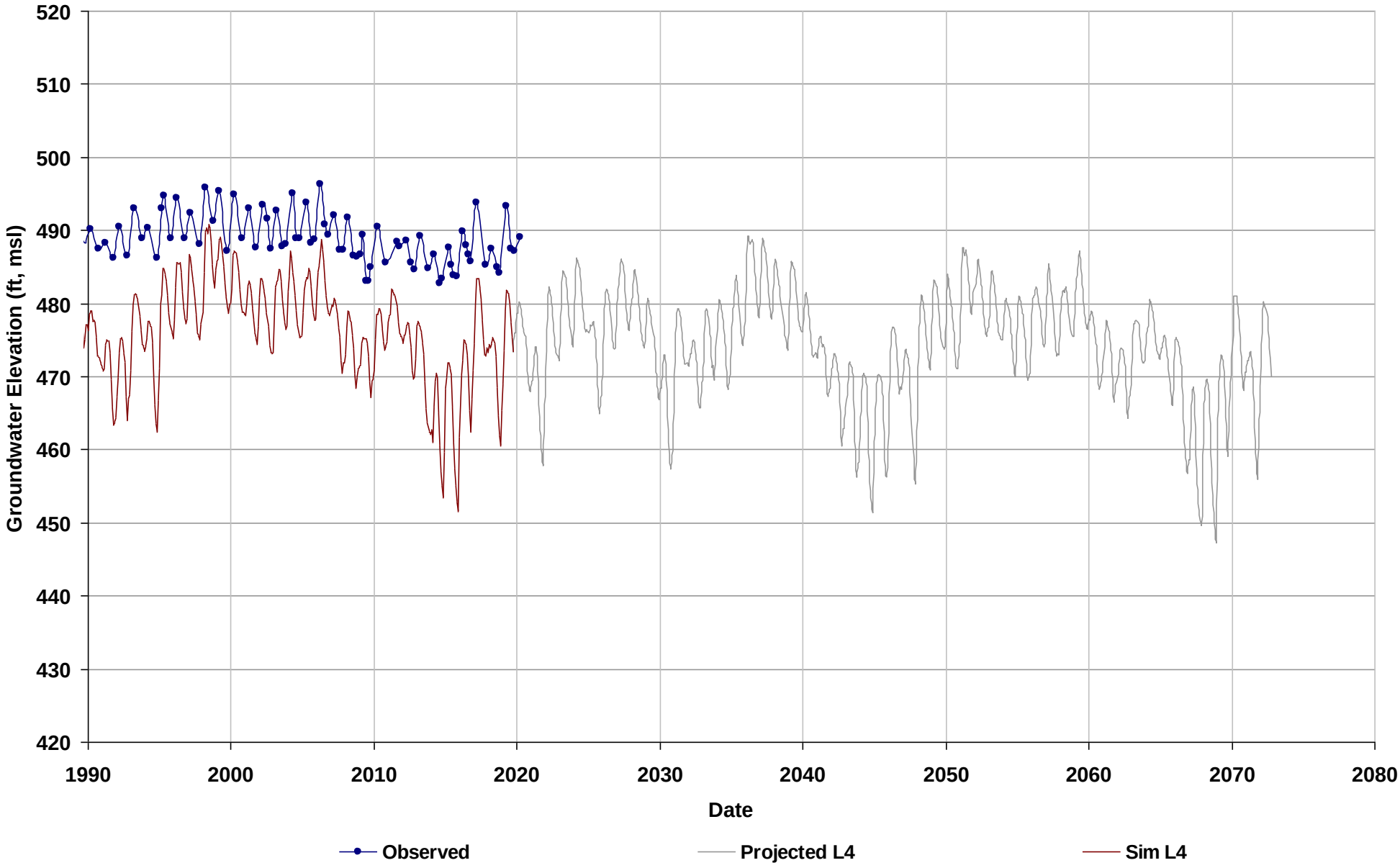
Total Depth (ft): 113
Perf Top (ft): 70
Perf Bottom (ft): 113
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N05W09L001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 517

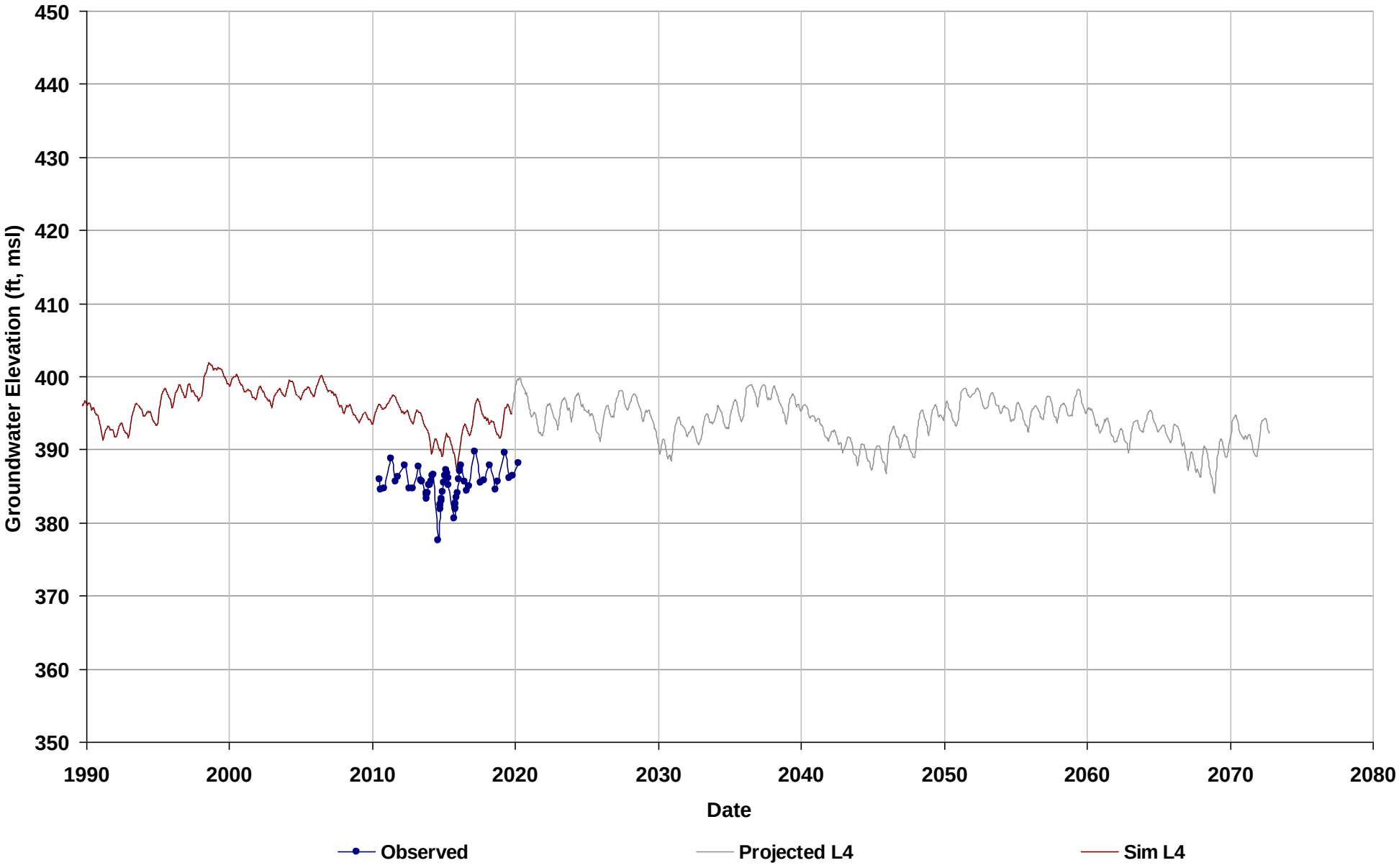
Total Depth (ft):
Perf Top (ft): 100
Perf Bottom (ft): 140
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N04W03R005M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

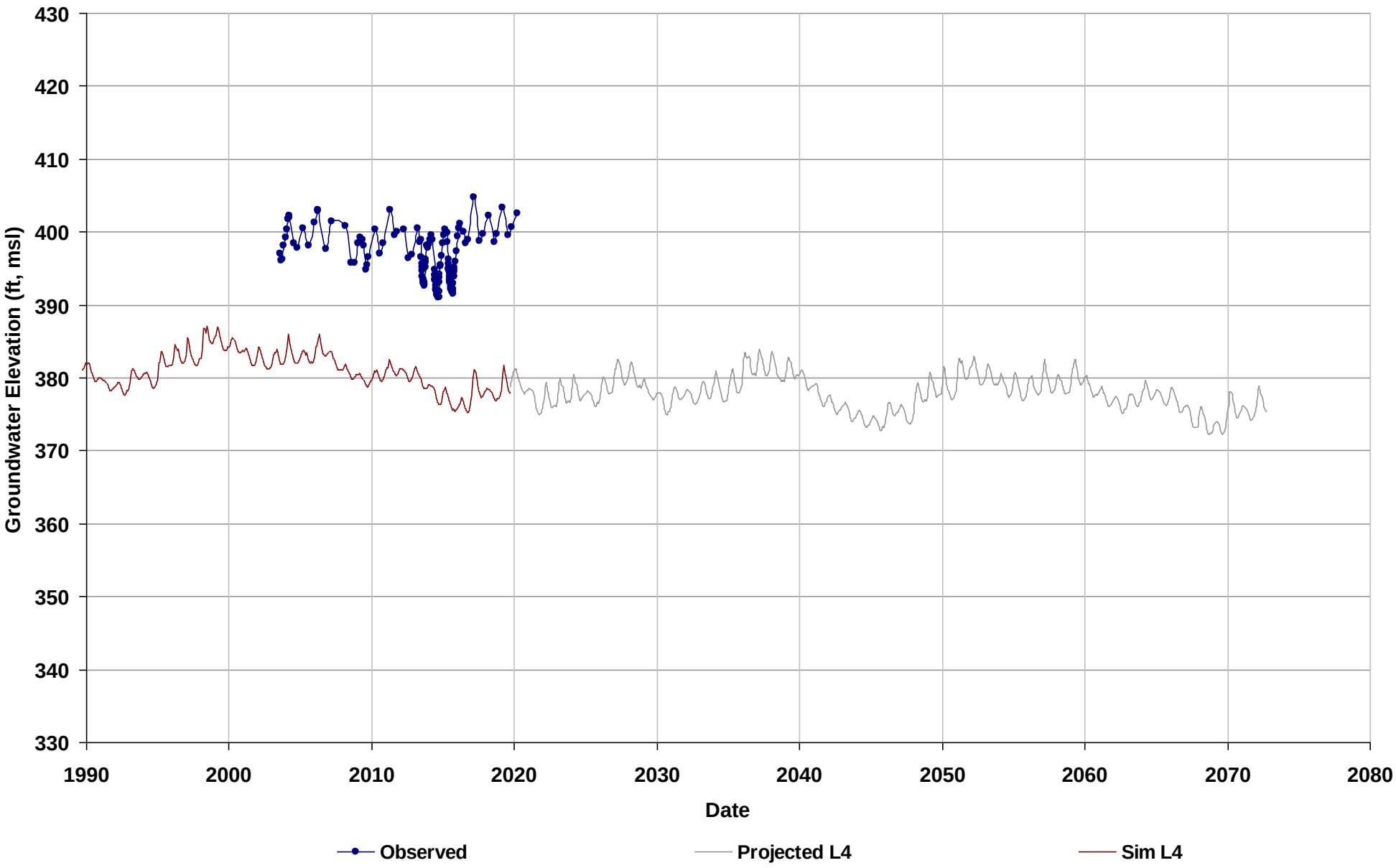
Total Depth (ft): 254
Perf Top (ft): 128
Perf Bottom (ft): 188
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 30N04W22F003M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

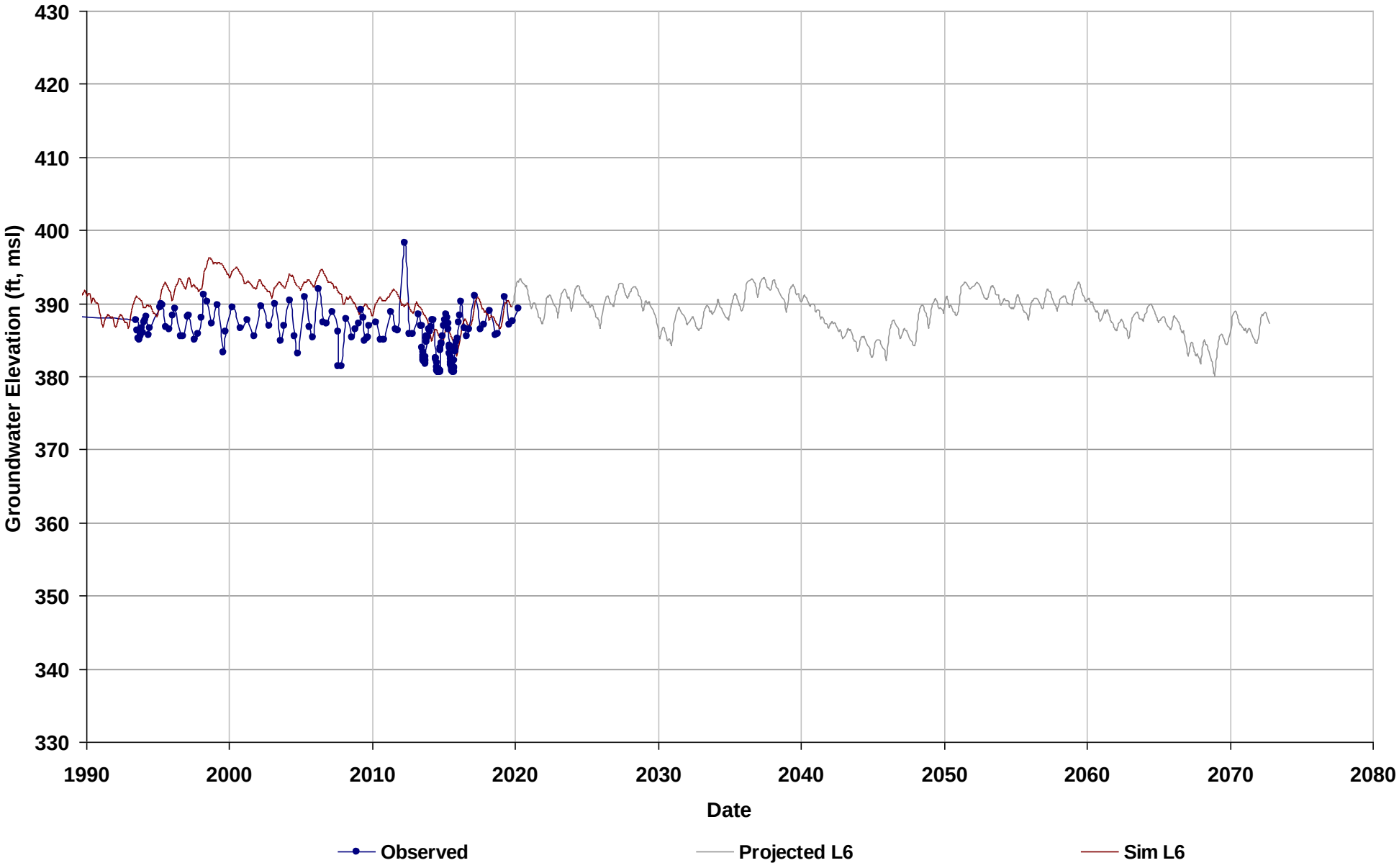
Total Depth (ft): 202
Perf Top (ft): 170
Perf Bottom (ft): 202
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N04W02P001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

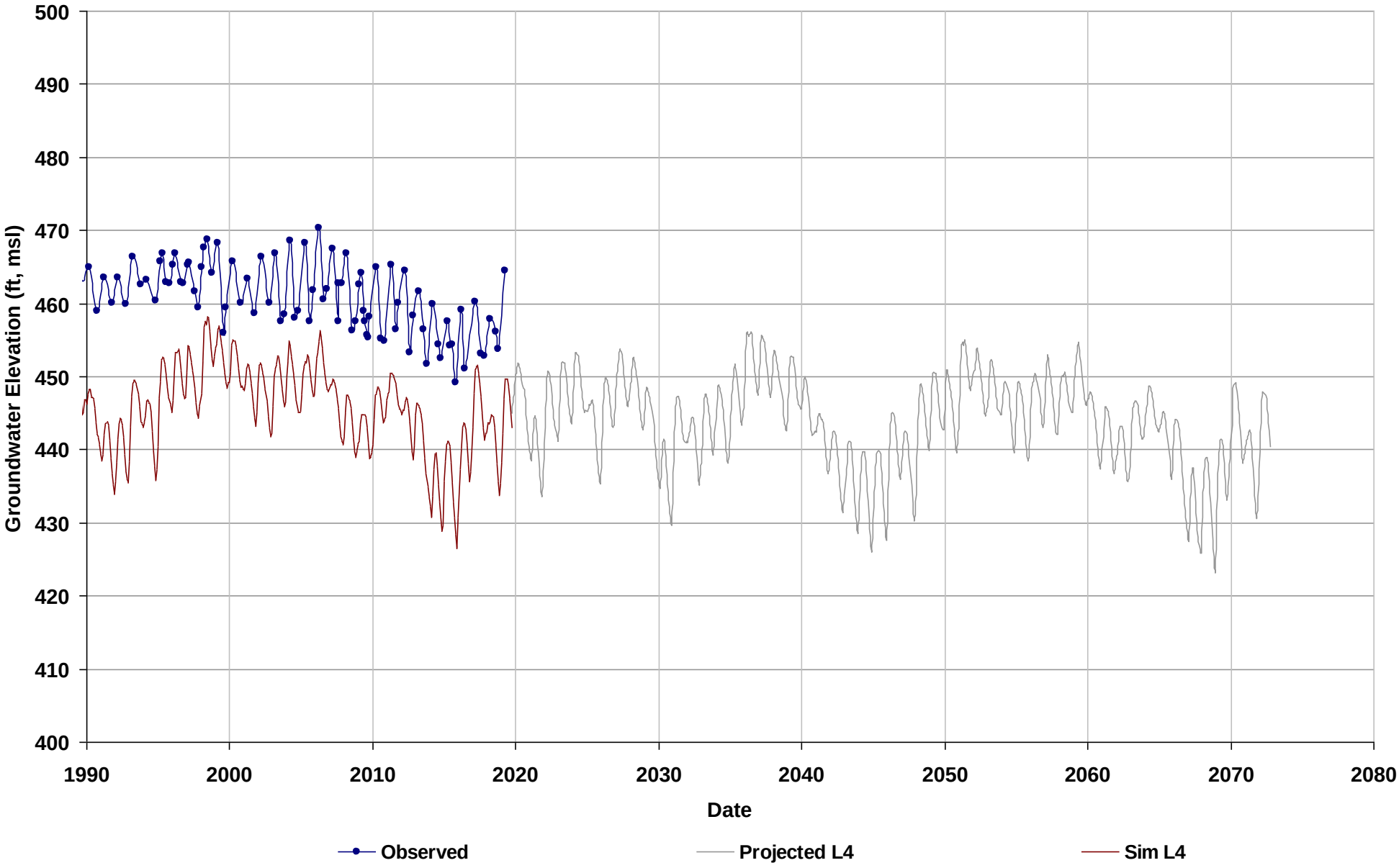
Total Depth (ft):
Perf Top (ft): 165
Perf Bottom (ft): 425
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N05W11A002M
Depth Zone: Composite
Subbasin: Anderson
GSE (ft, msl): 514

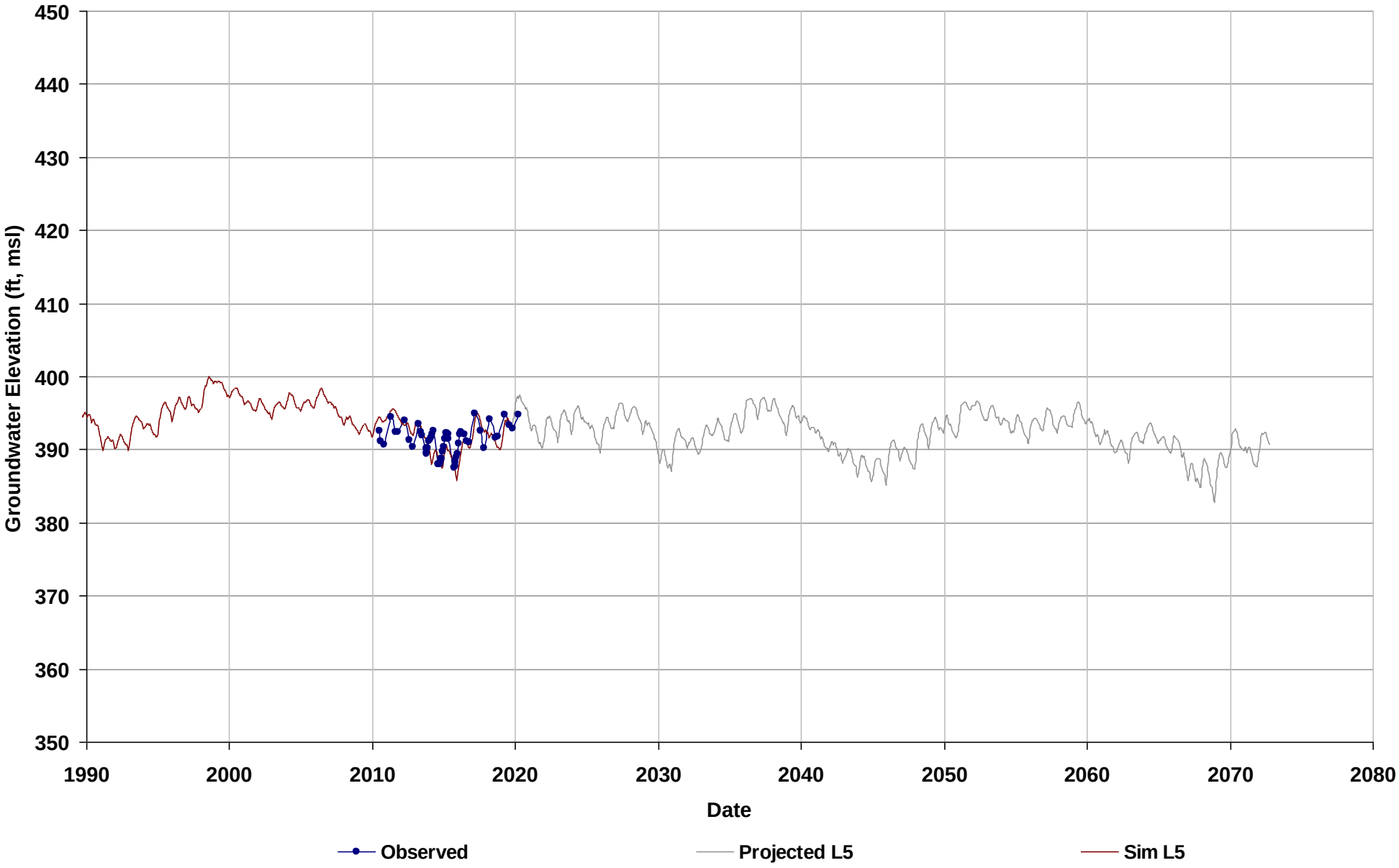
Total Depth (ft):
Perf Top (ft): 110
Perf Bottom (ft): 356
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N04W03R004M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

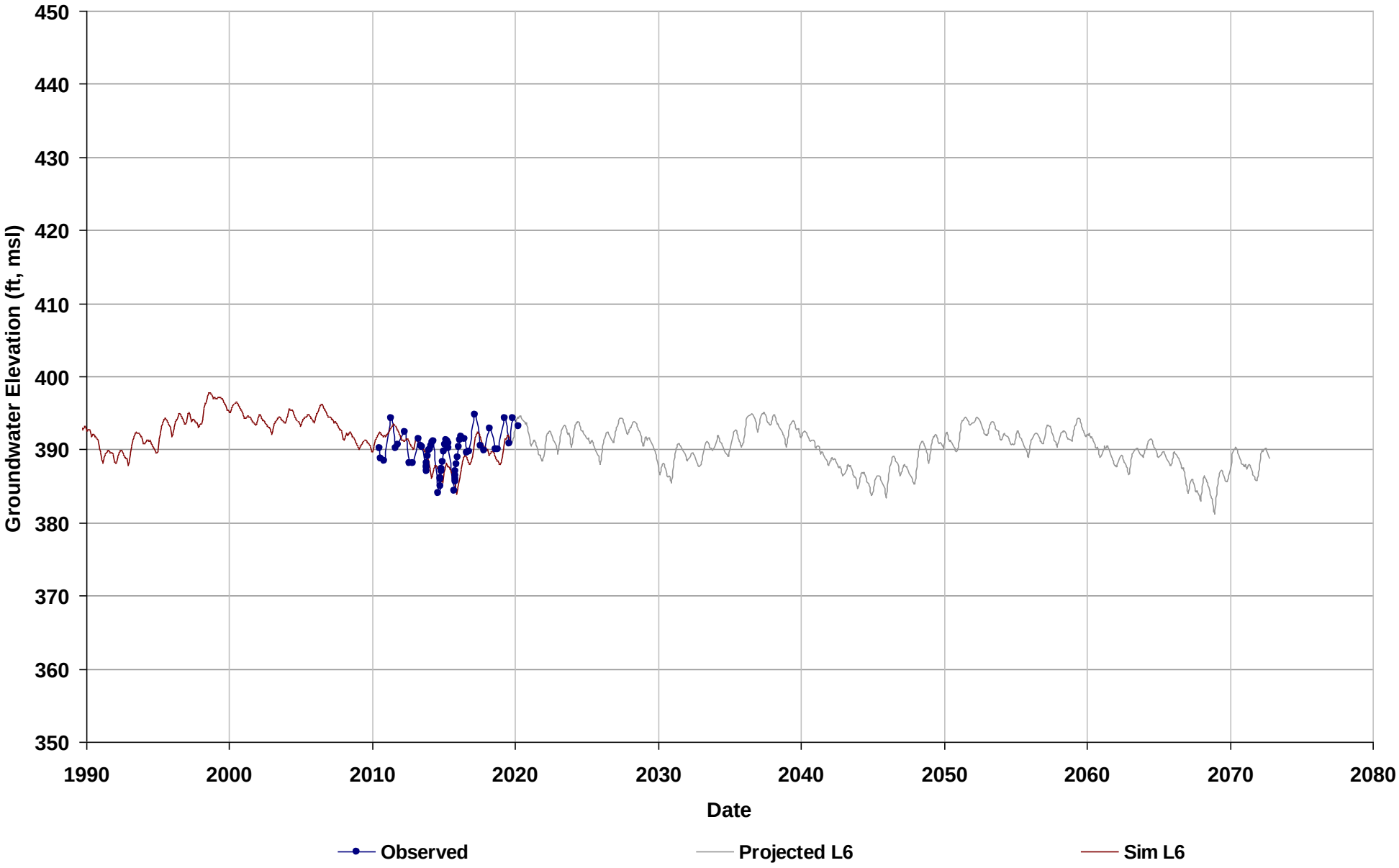
Total Depth (ft): 438
Perf Top (ft): 380
Perf Bottom (ft): 390
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N04W03R003M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

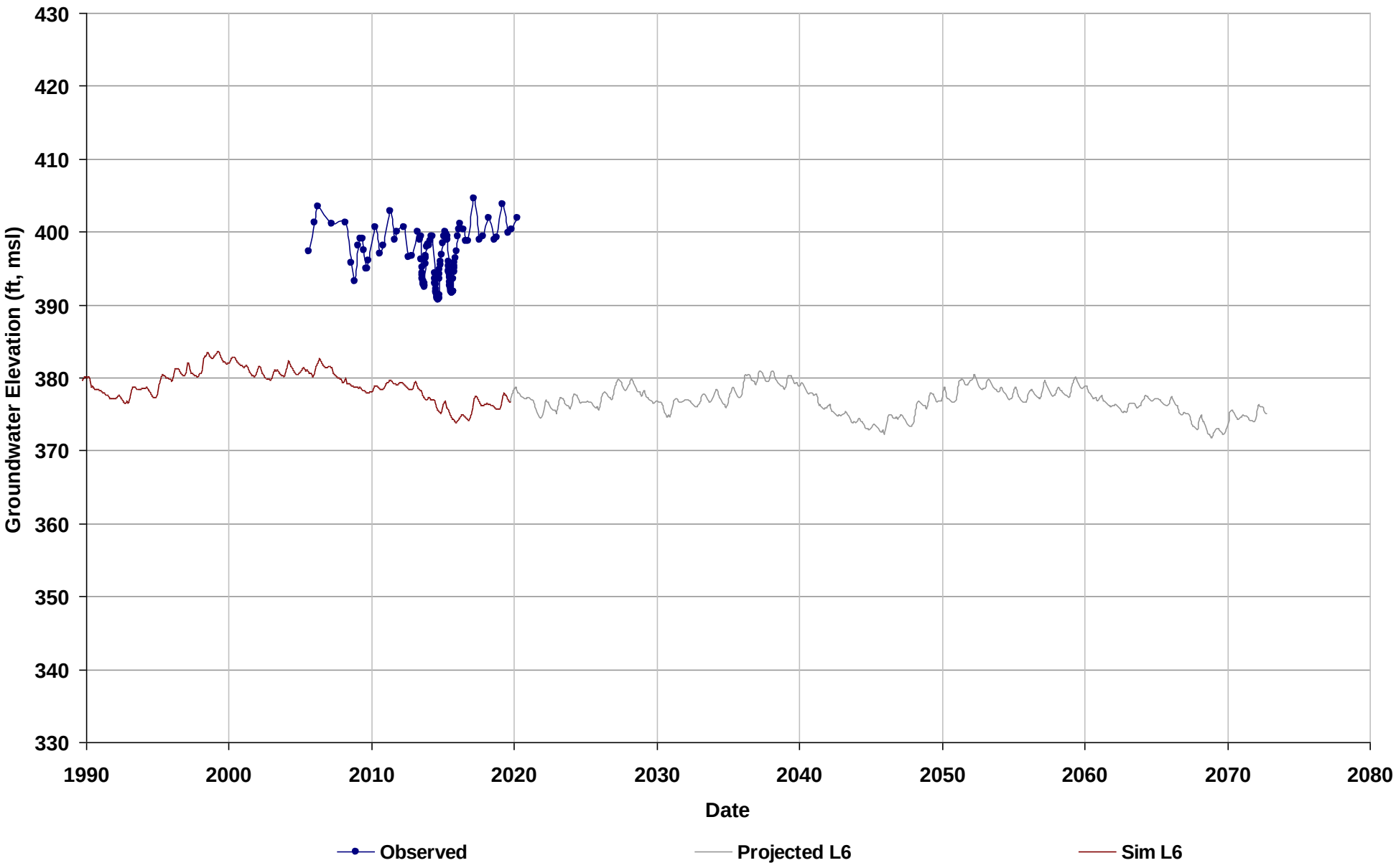
Total Depth (ft): 696
Perf Top (ft): 515
Perf Bottom (ft): 660
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 30N04W22F004M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 447

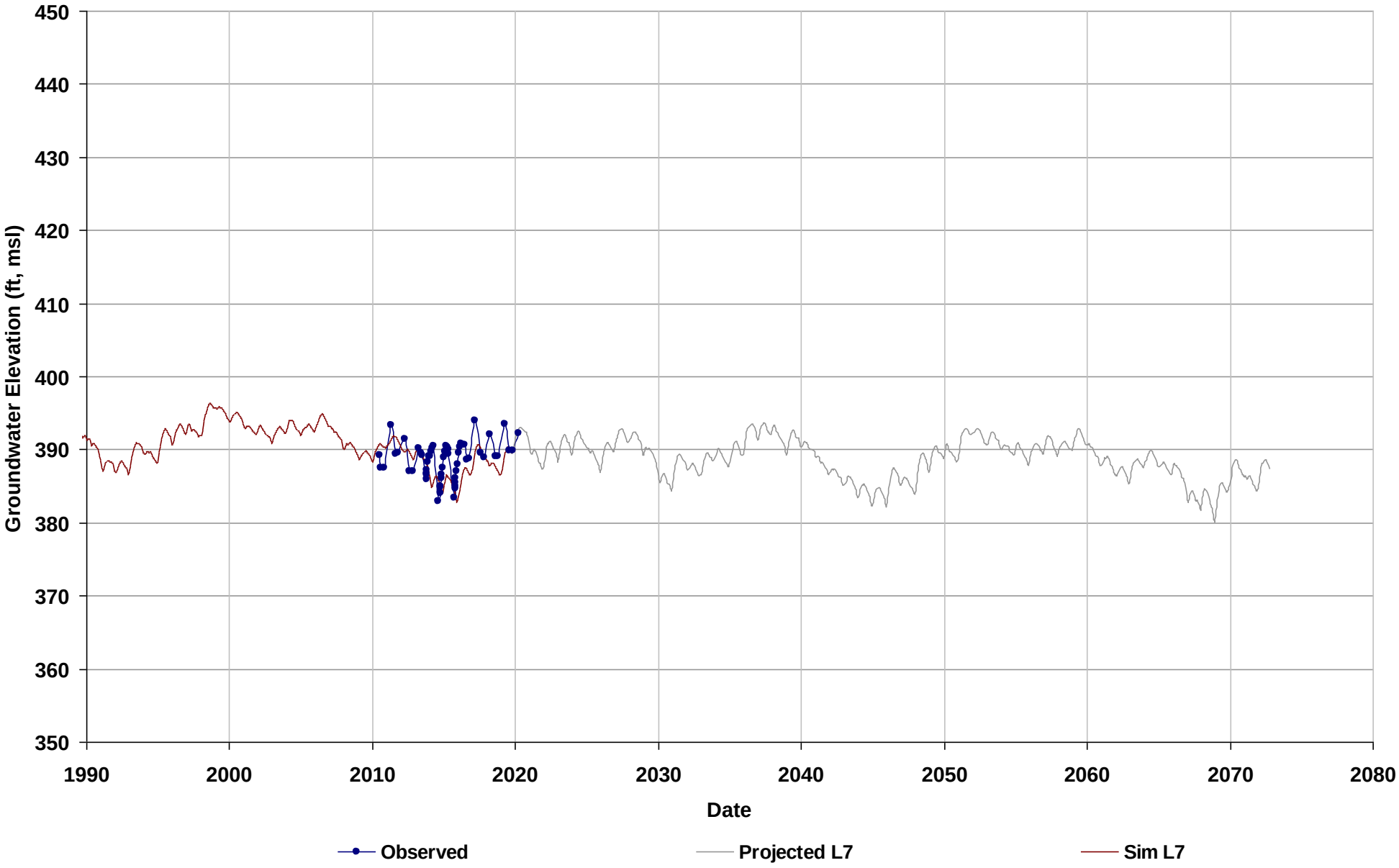
Total Depth (ft): 540
Perf Top (ft): 480
Perf Bottom (ft): 540
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Well Name: 29N04W03R002M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 917
Perf Top (ft): 740
Perf Bottom (ft): 880
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

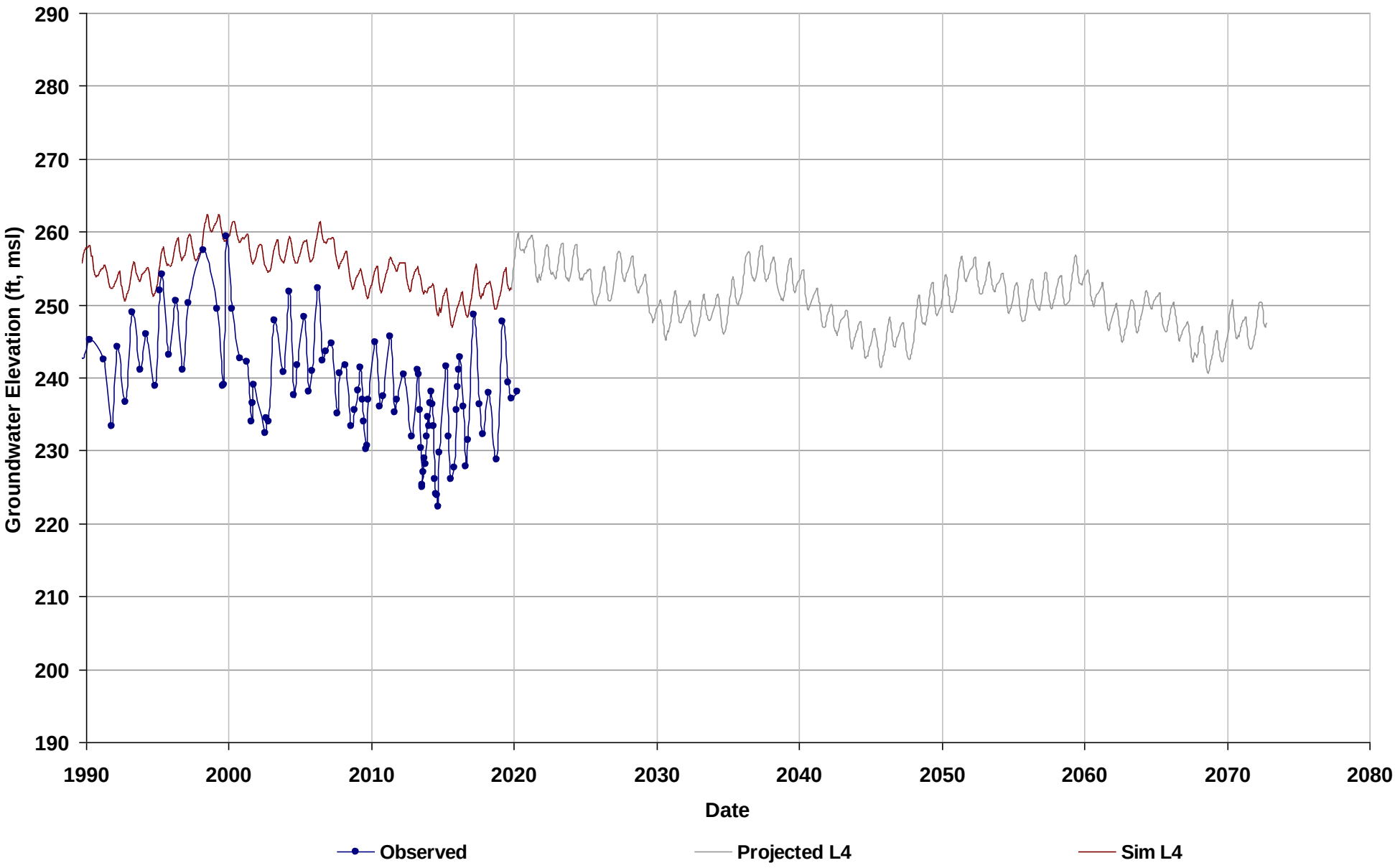
APPENDIX E-8

Tehama IHM Simulated Groundwater Levels:

Projected (Future Land Use) with Projects and Climate Change (2070) Model Results

Well Name: 27N03W23D001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 271

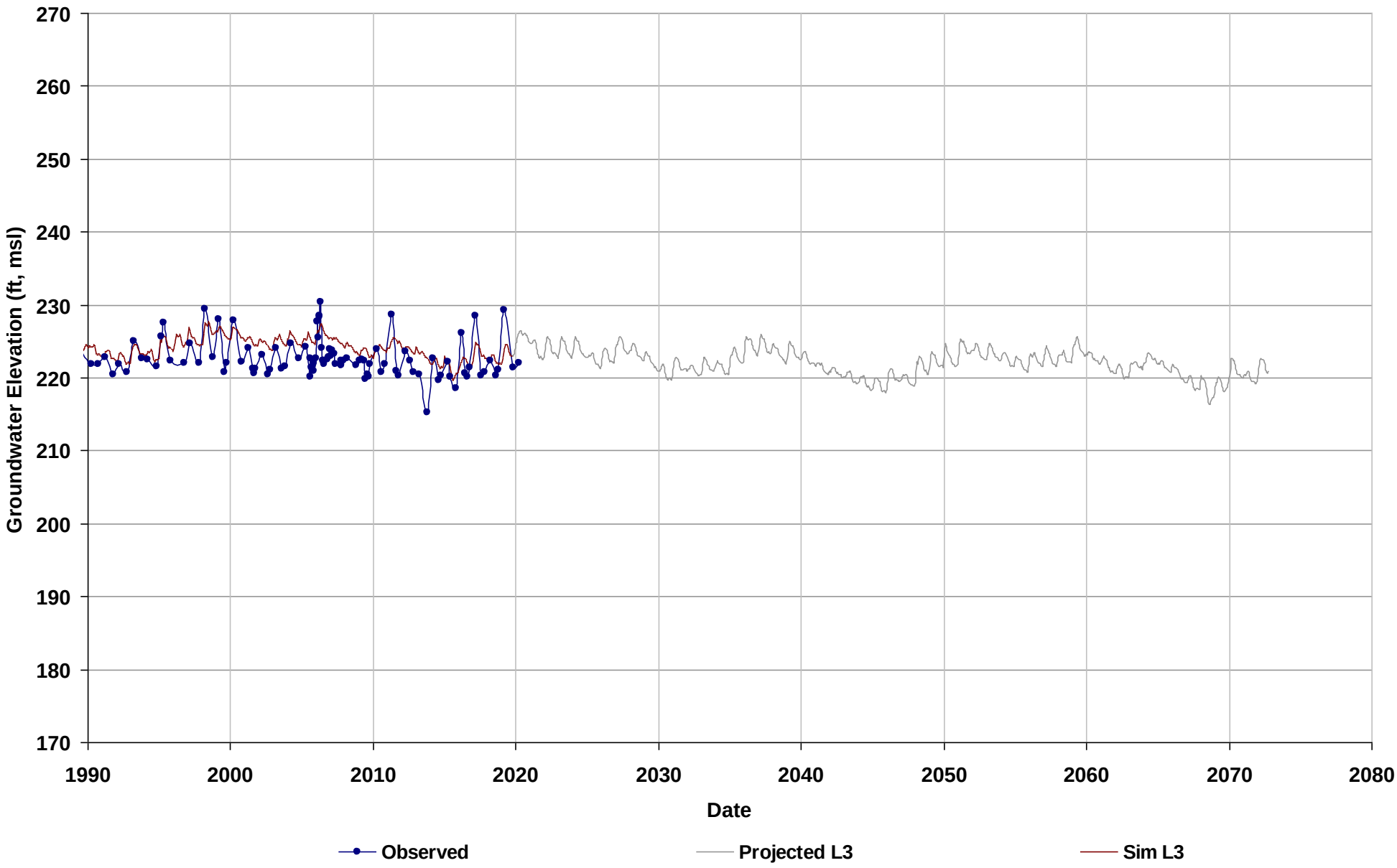
Total Depth (ft): 250
Perf Top (ft): 30
Perf Bottom (ft): 155
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 26N02W17E001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 240

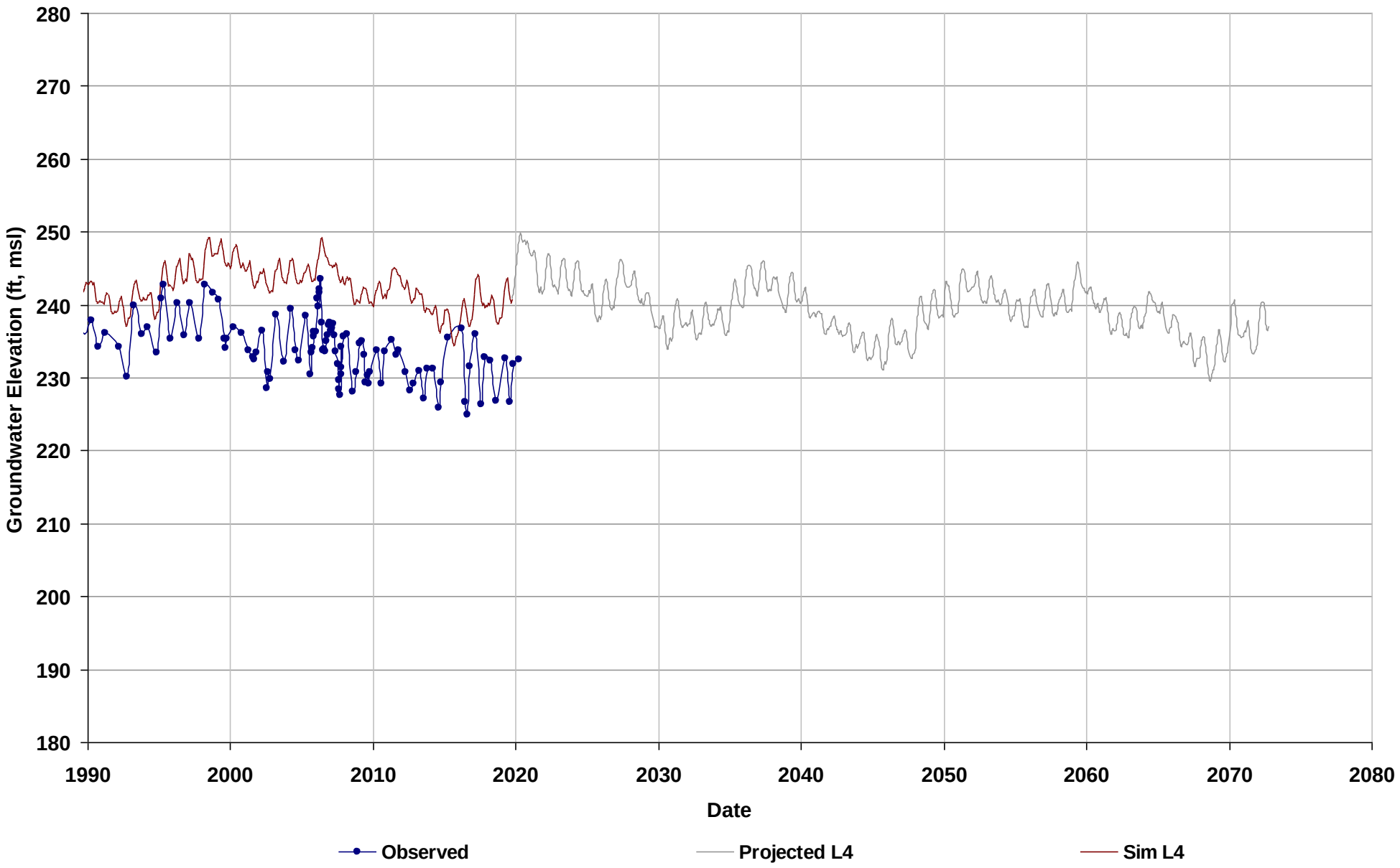
Total Depth (ft): 145
Perf Top (ft): 55
Perf Bottom (ft): 145
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 27N02W31C001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 263

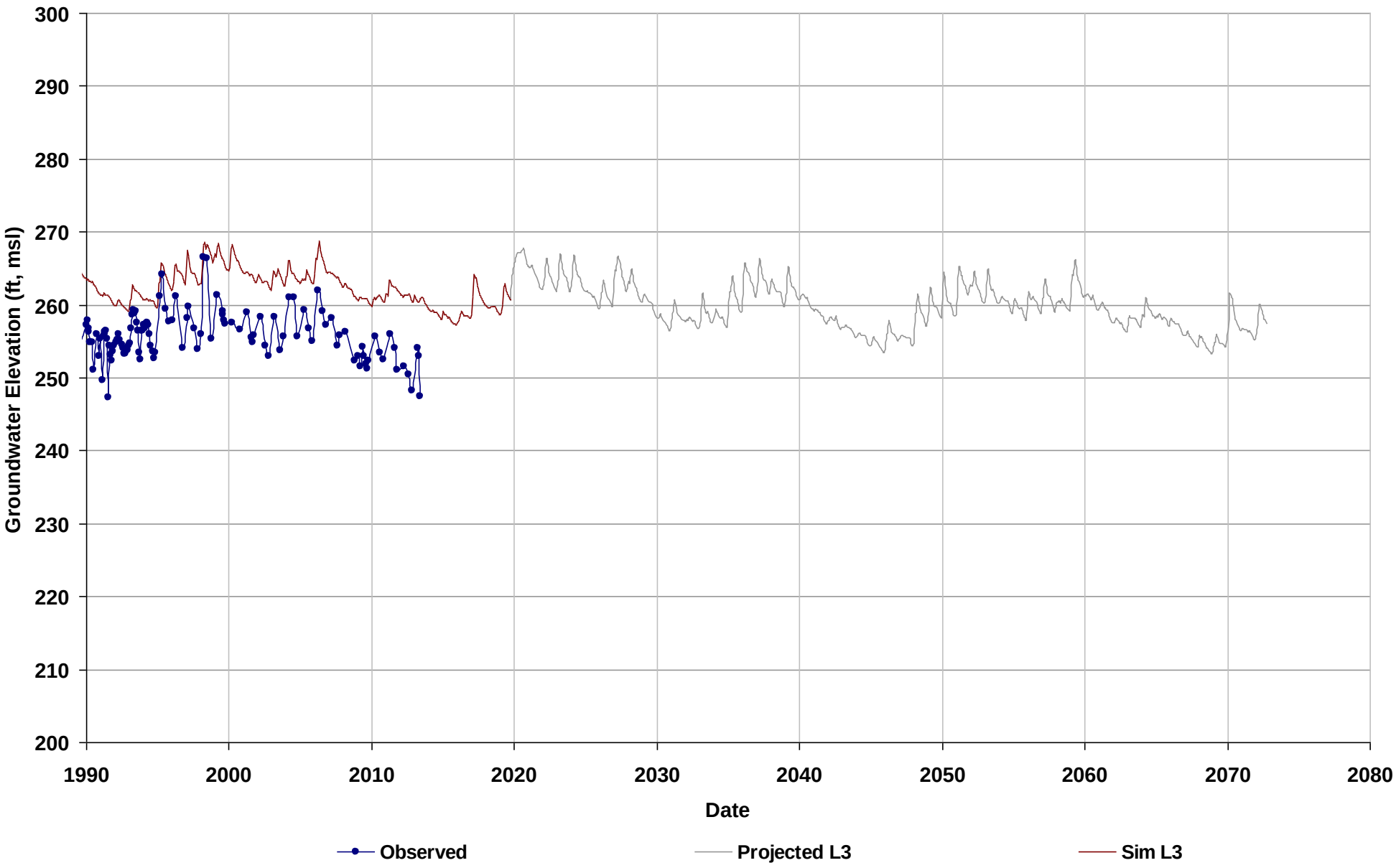
Total Depth (ft): 540
Perf Top (ft): 40
Perf Bottom (ft): 289
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 27N03W10B001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 312

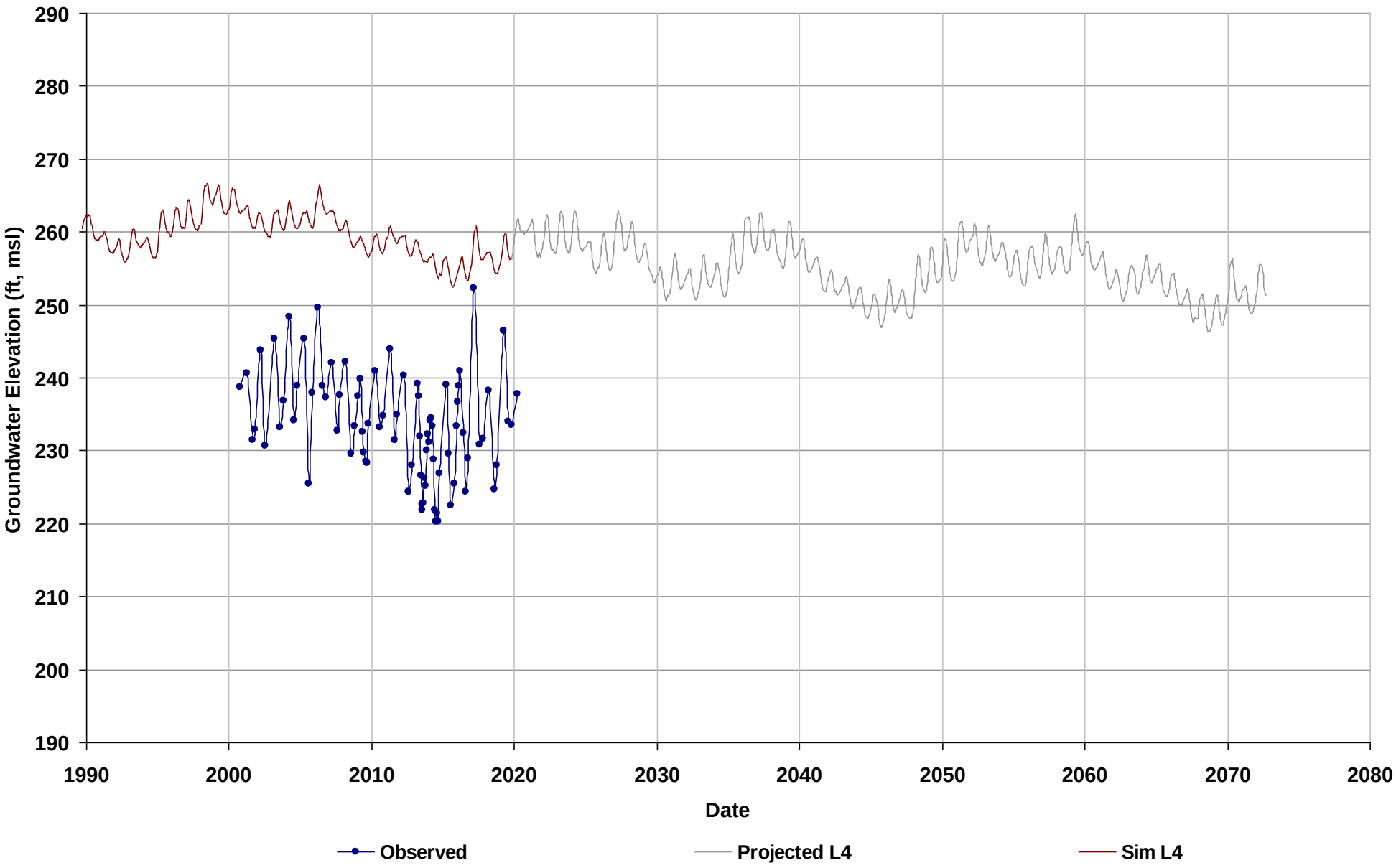
Total Depth (ft): 92
Perf Top (ft): 80
Perf Bottom (ft): 92
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 27N03W16K003M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 273

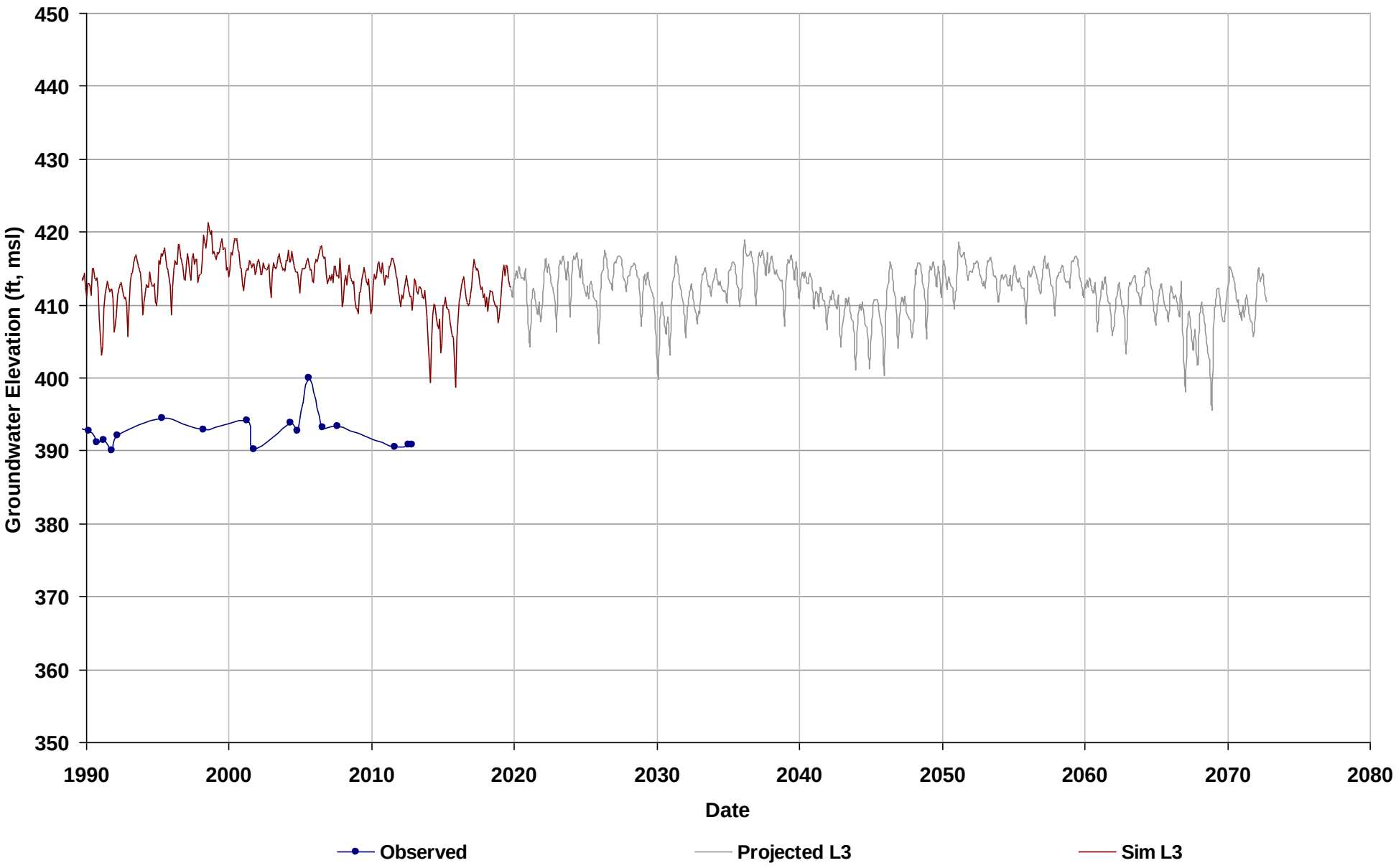
Total Depth (ft): 137
Perf Top (ft): 117
Perf Bottom (ft): 137
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N04W15E002M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 427

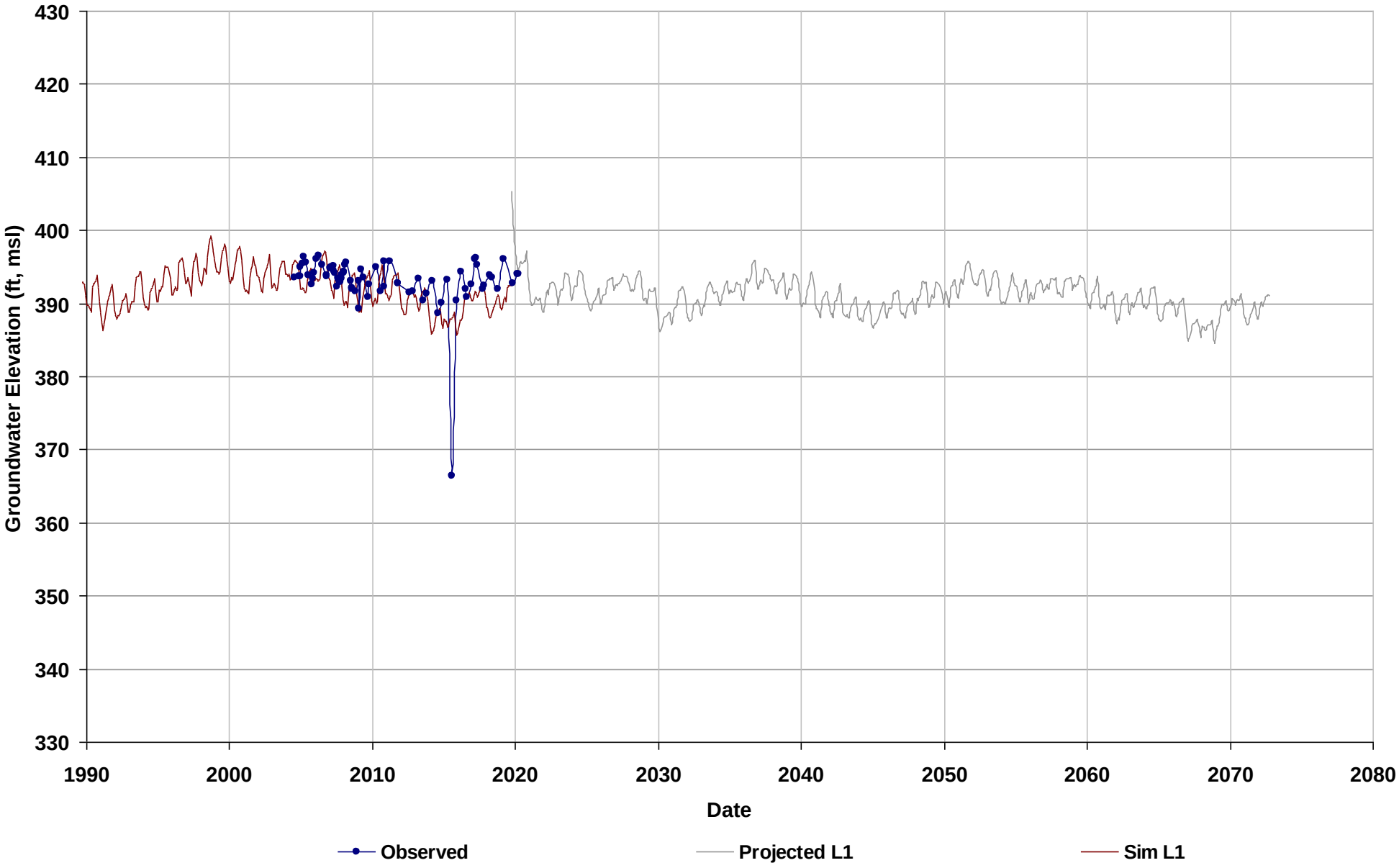
Total Depth (ft): 90
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N03W18M001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 418

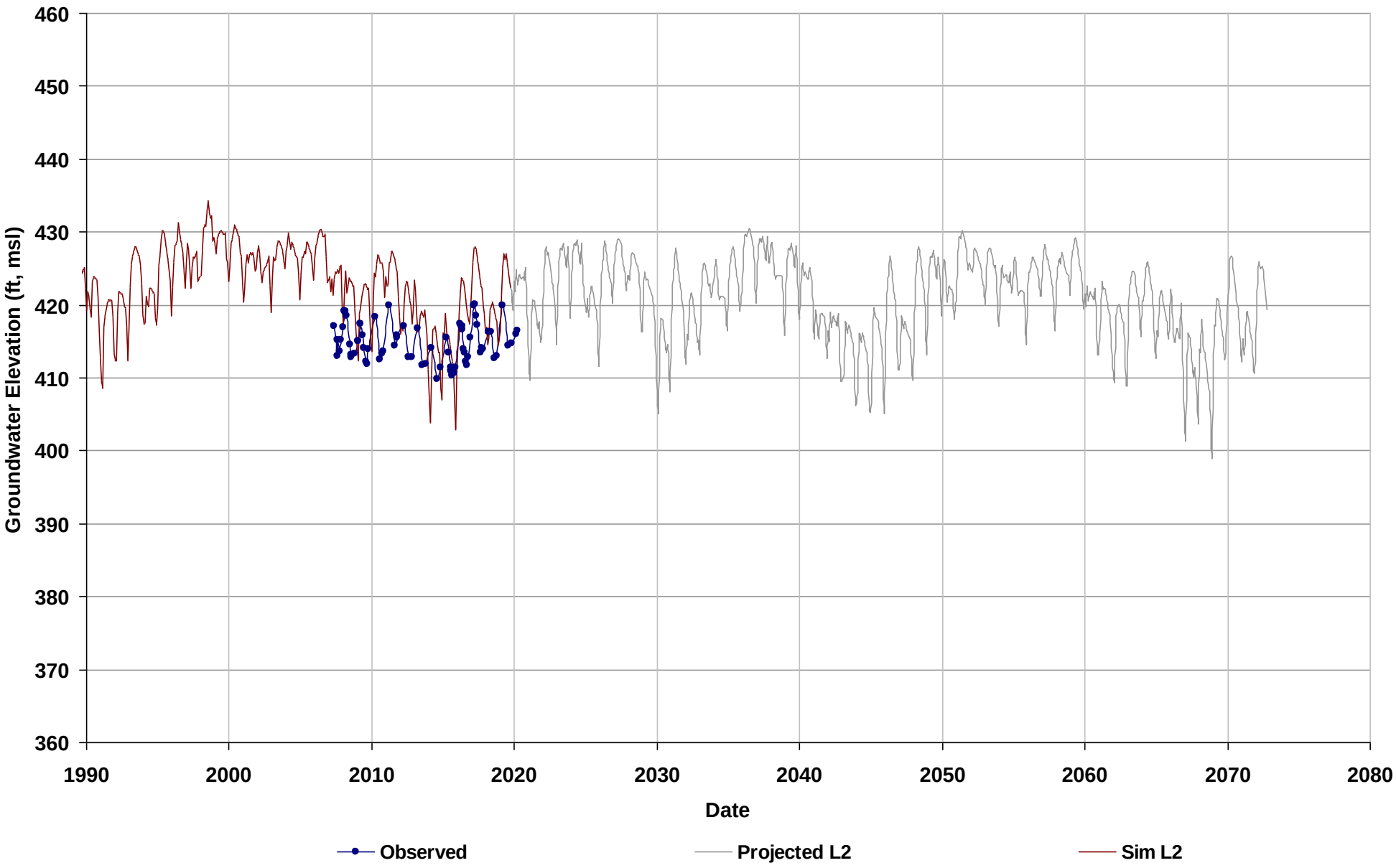
Total Depth (ft): 234
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N04W20A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

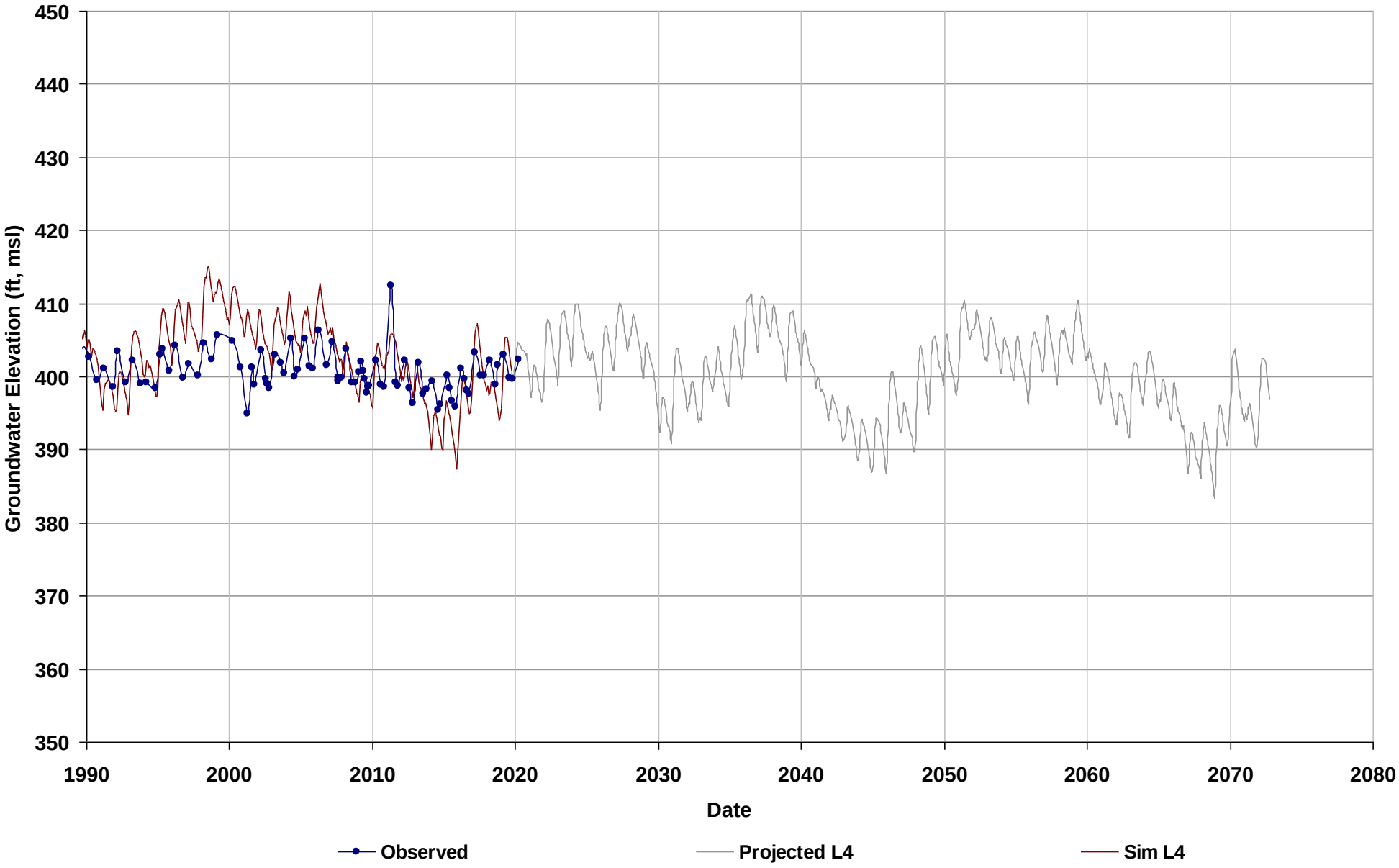
Total Depth (ft): 76
Perf Top (ft): 50
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N04W28D001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 502

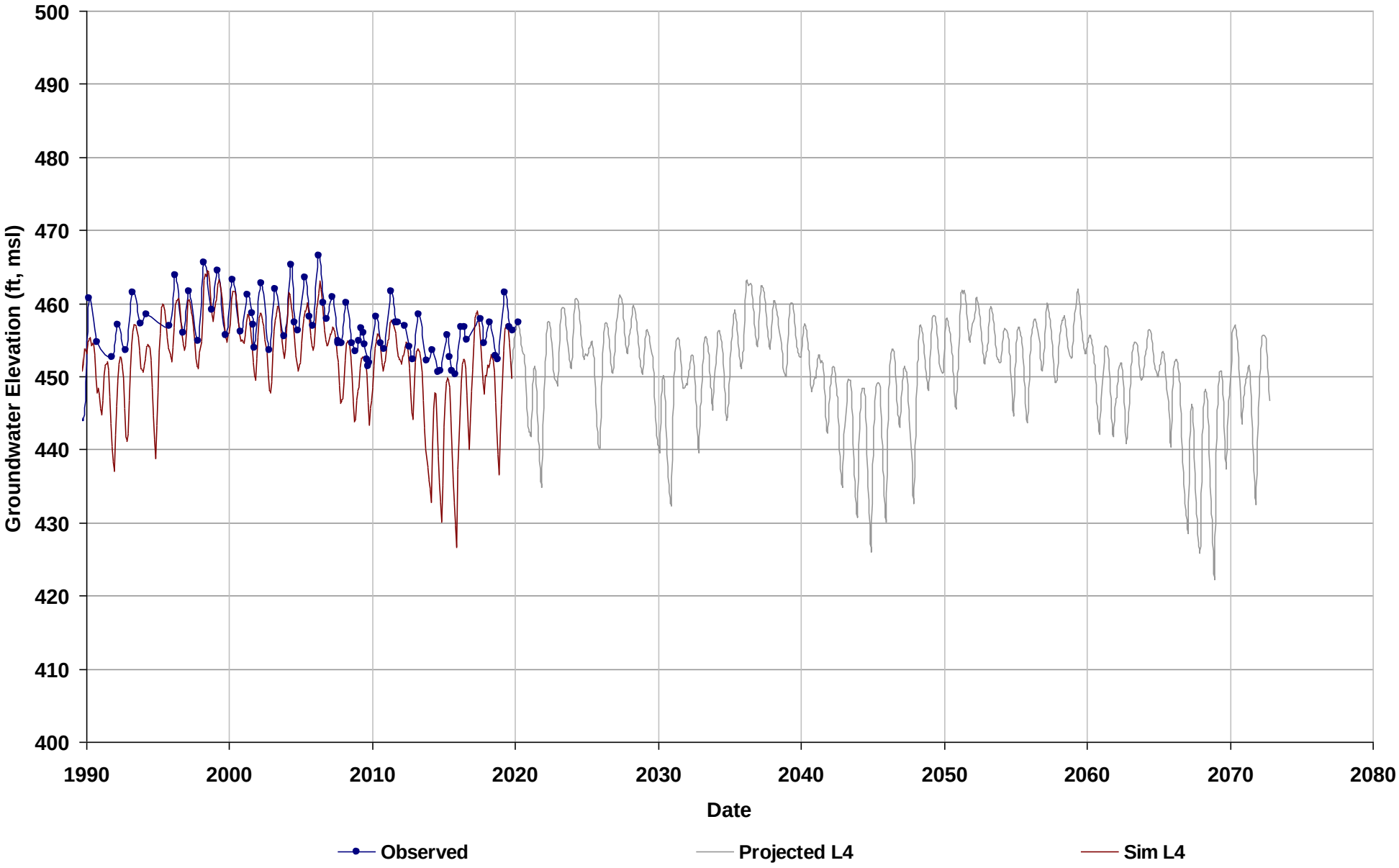
Total Depth (ft): 134
Perf Top (ft): 114
Perf Bottom (ft): 134
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N05W14L001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 492

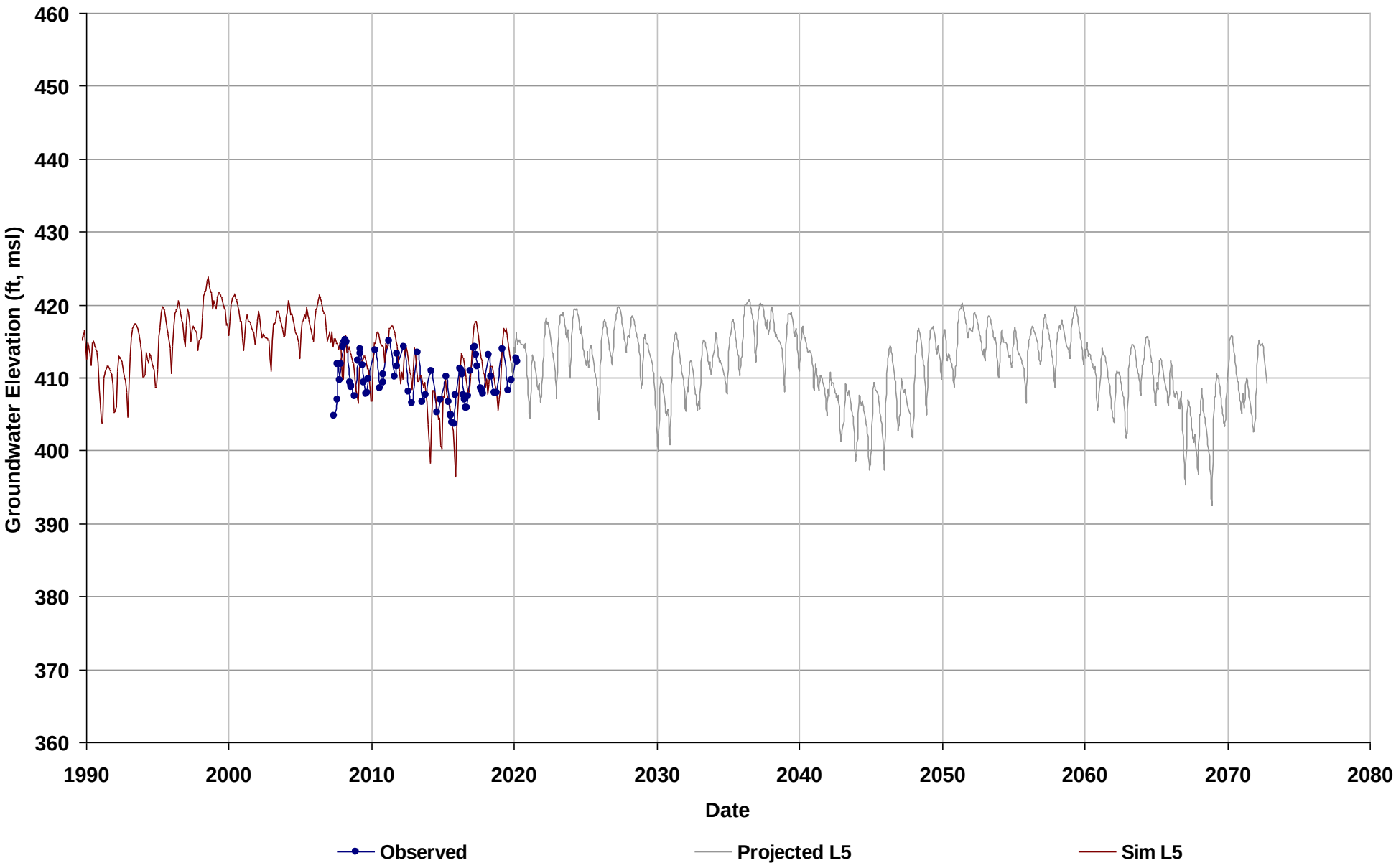
Total Depth (ft): 130
Perf Top (ft): 110
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N04W20A003M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

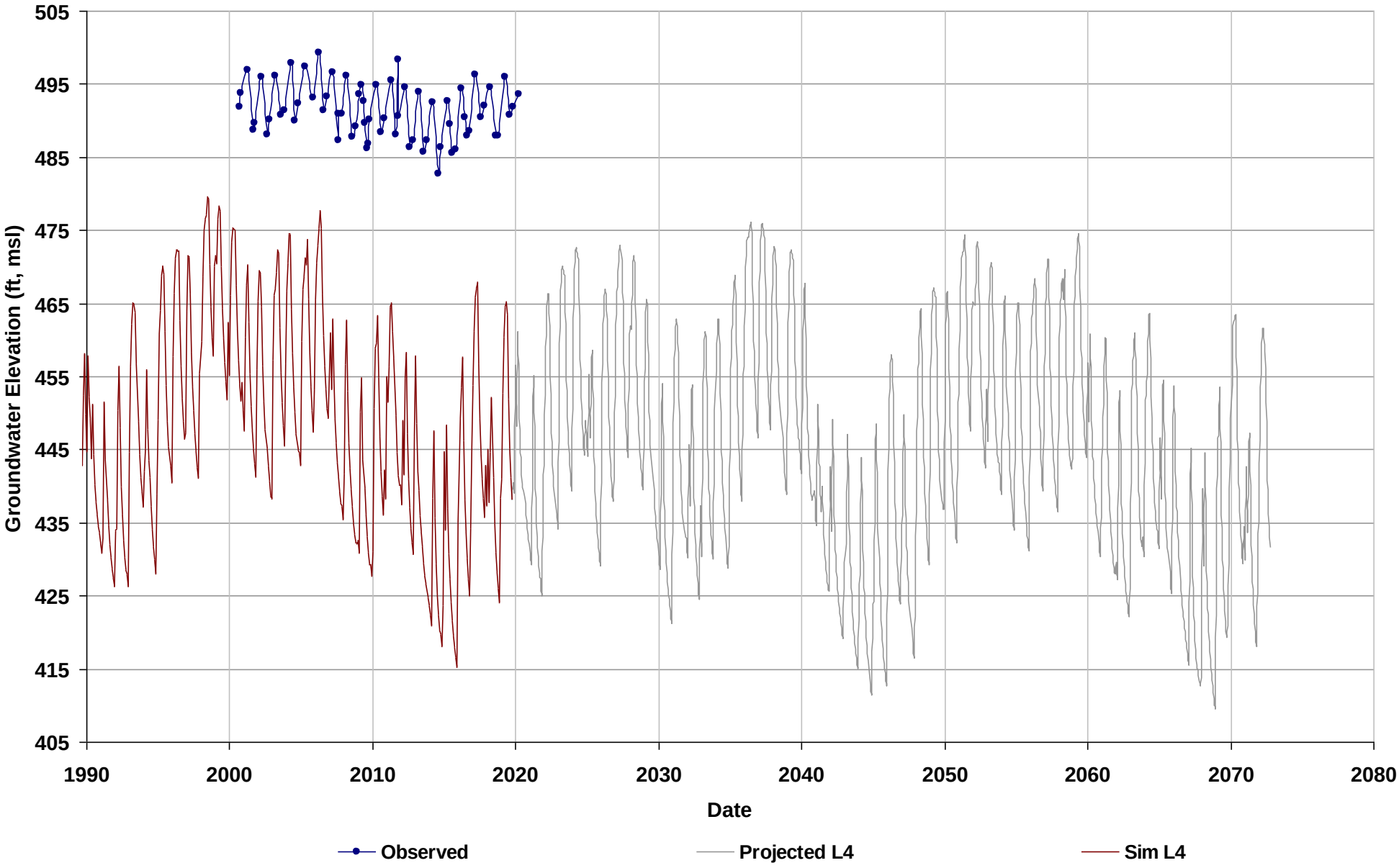
Total Depth (ft): 194
Perf Top (ft): 154
Perf Bottom (ft): 189
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N05W33A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 534

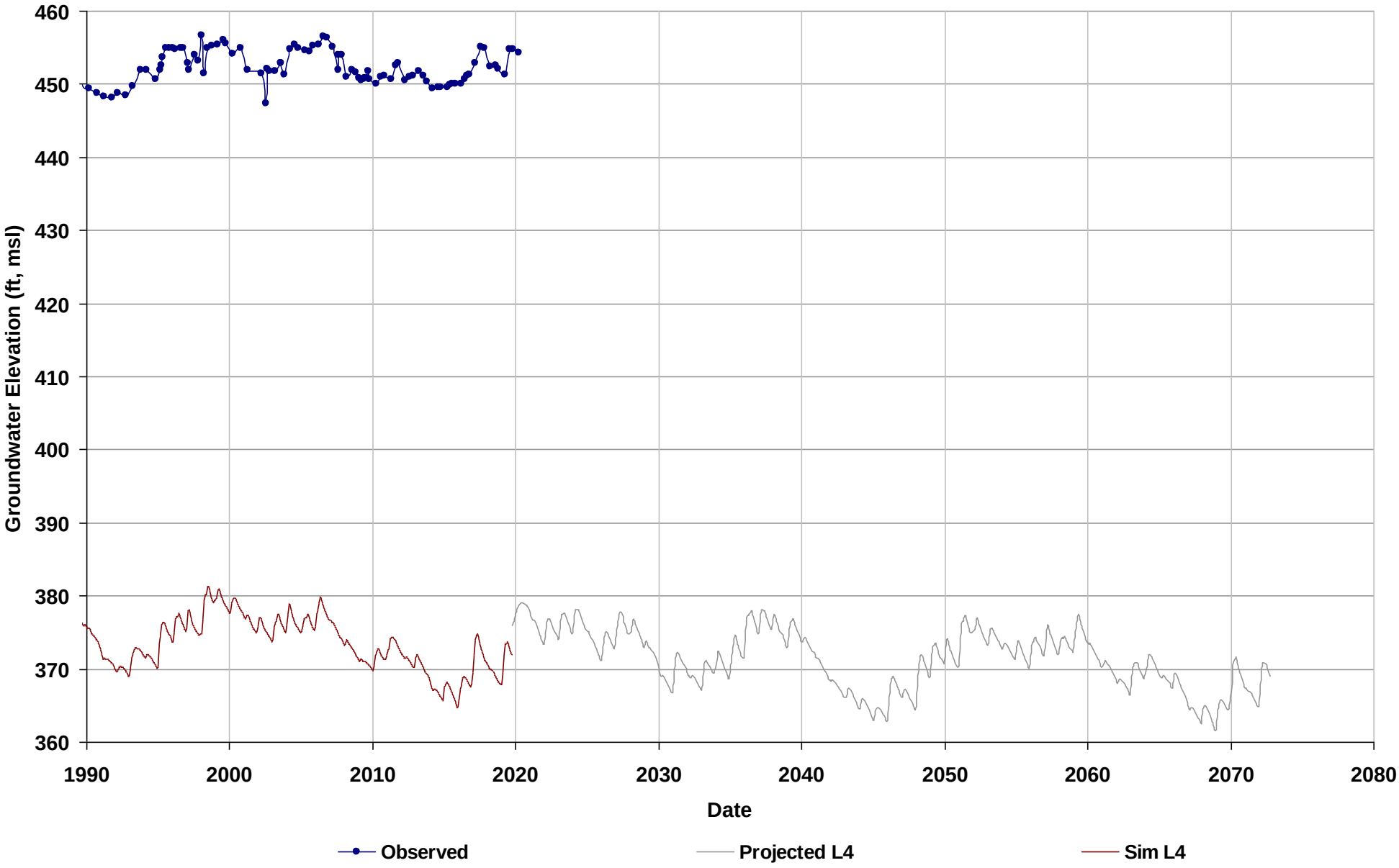
Total Depth (ft): 210
Perf Top (ft): 110
Perf Bottom (ft): 210
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N04W35B001M
Depth Zone: Composite
Subbasin: Bowman
GSE (ft, msl): 537

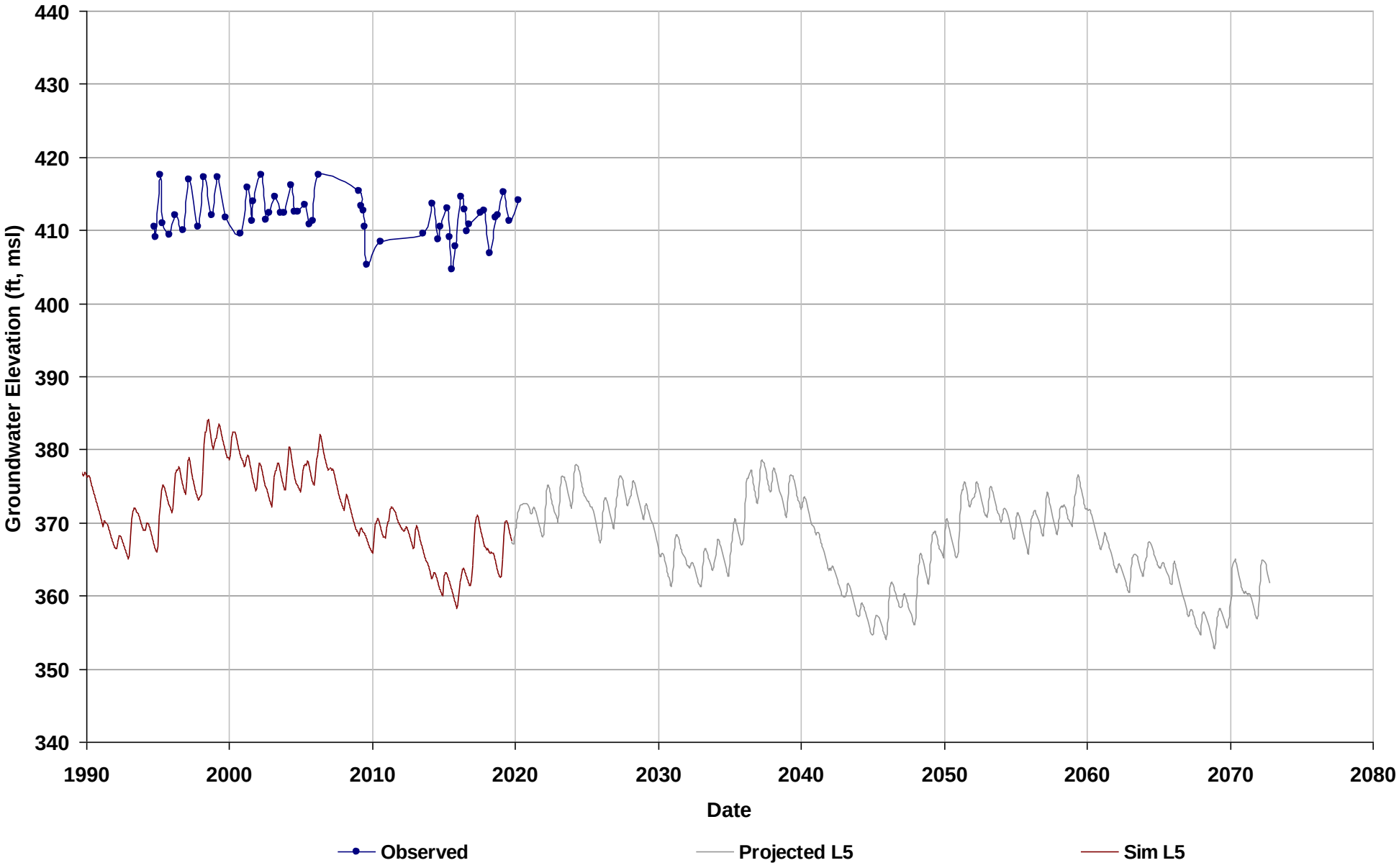
Total Depth (ft): 759
Perf Top (ft): 130
Perf Bottom (ft): 759
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 28N04W04P001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 537

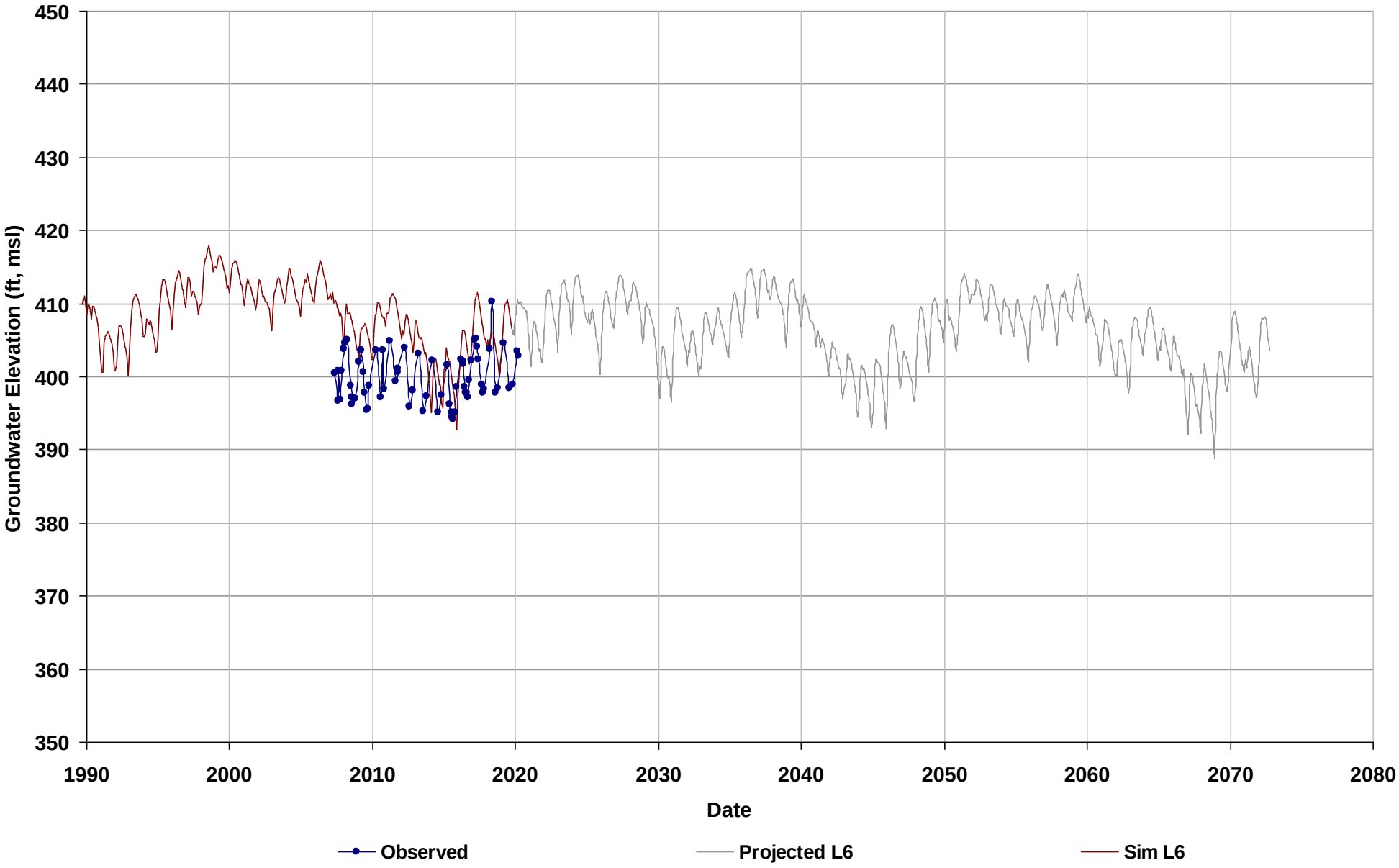
Total Depth (ft): 270
Perf Top (ft): 200
Perf Bottom (ft): 270
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N04W20A002M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

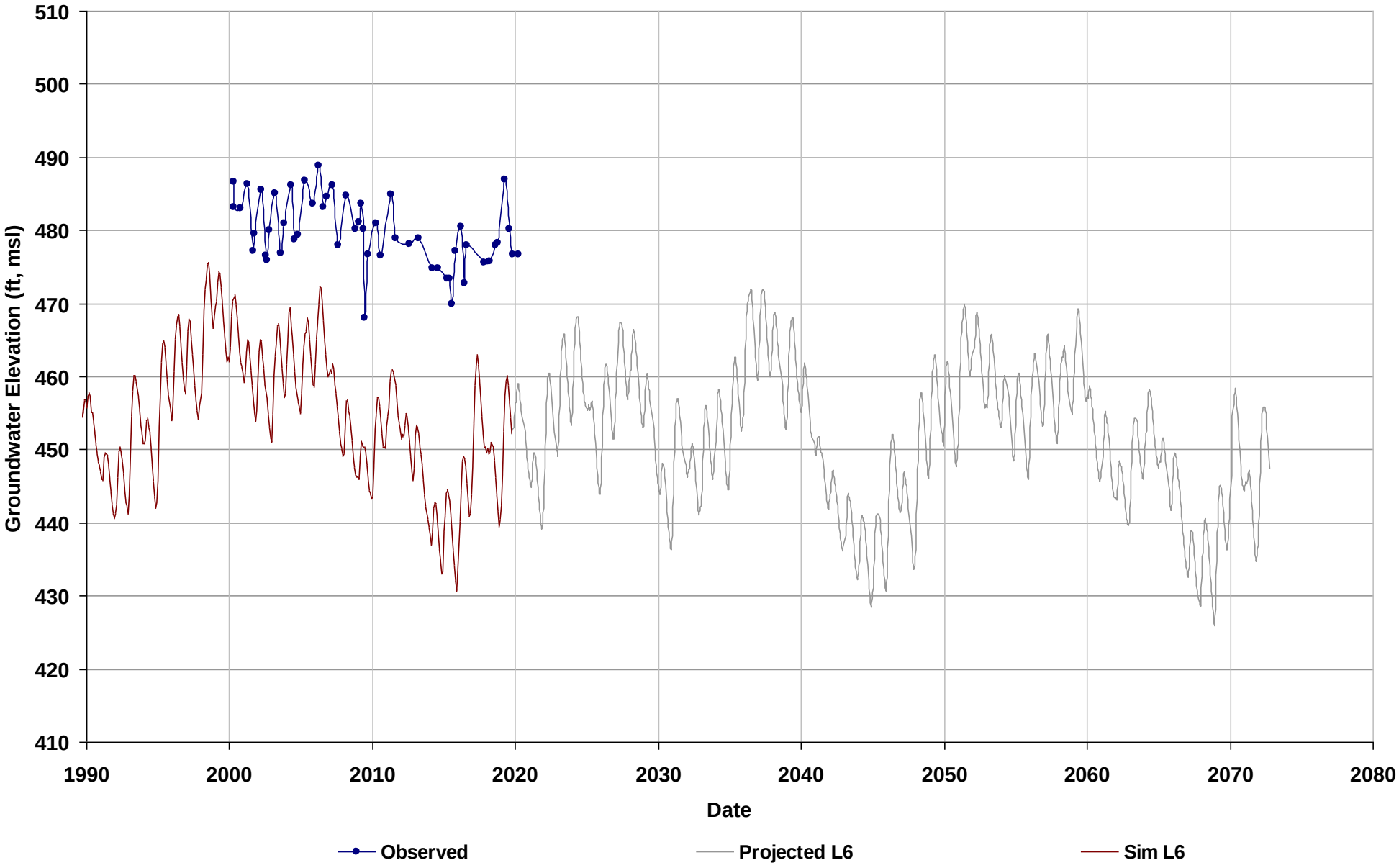
Total Depth (ft): 451
Perf Top (ft): 360
Perf Bottom (ft): 430
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N05W21H001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 622

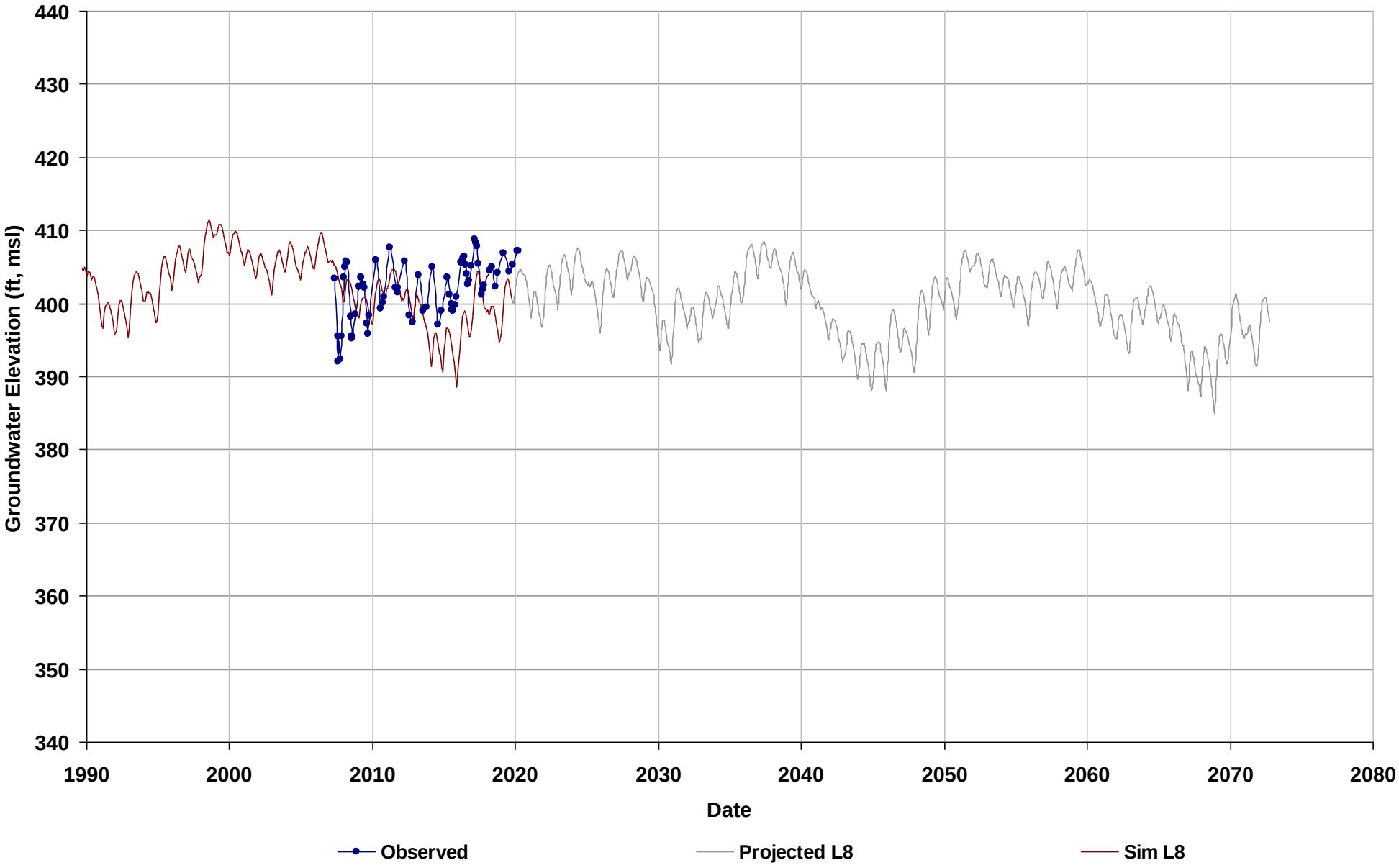
Total Depth (ft): 280
Perf Top (ft): 250
Perf Bottom (ft): 280
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N04W20A001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

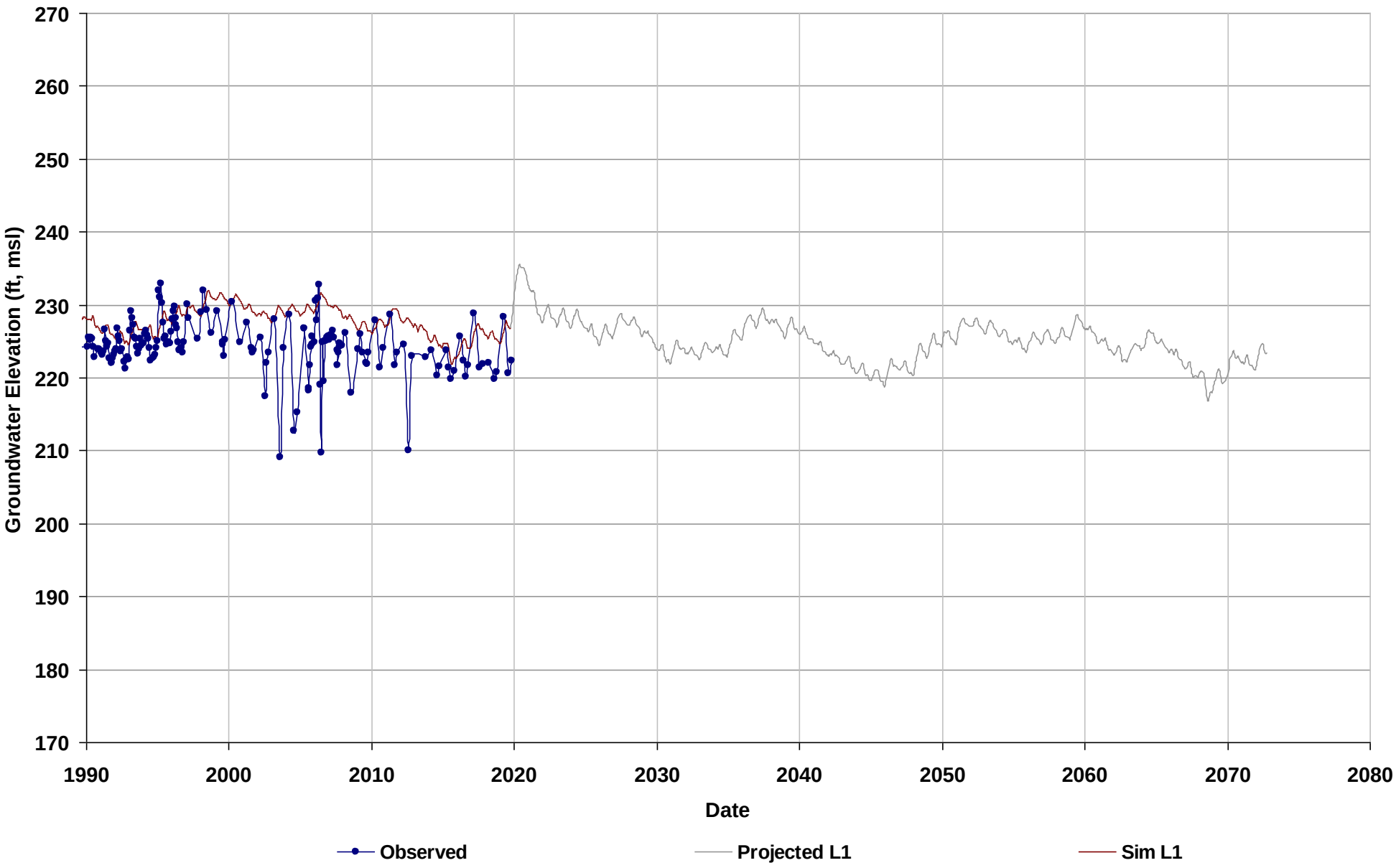
Total Depth (ft): 876
Perf Top (ft): 755
Perf Bottom (ft): 855
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 26N02W16C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 242

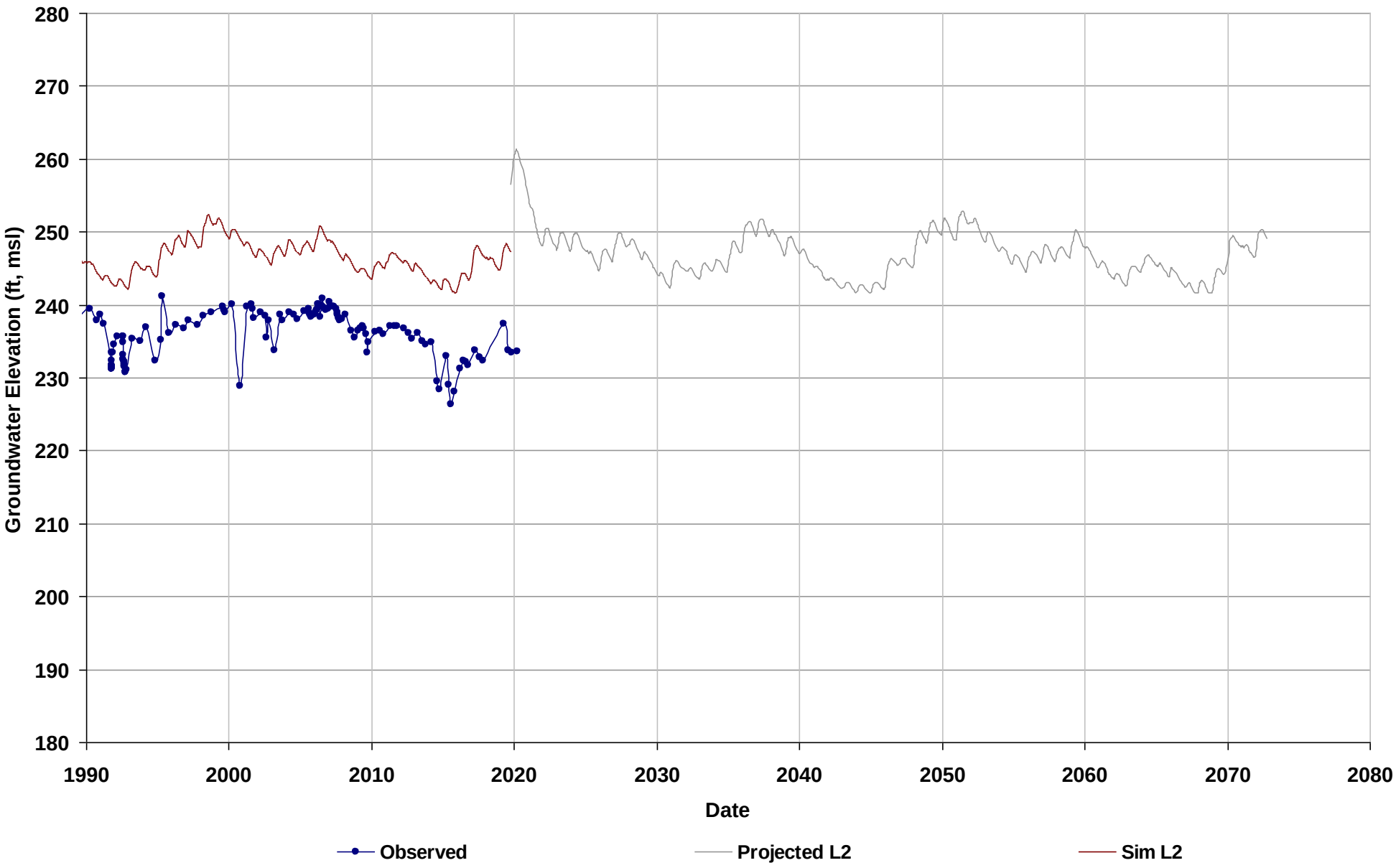
Total Depth (ft): 50
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 26N02W14G001M
Depth Zone: Likely Composite
Subbasin: Los Molinos
GSE (ft, msl): 314

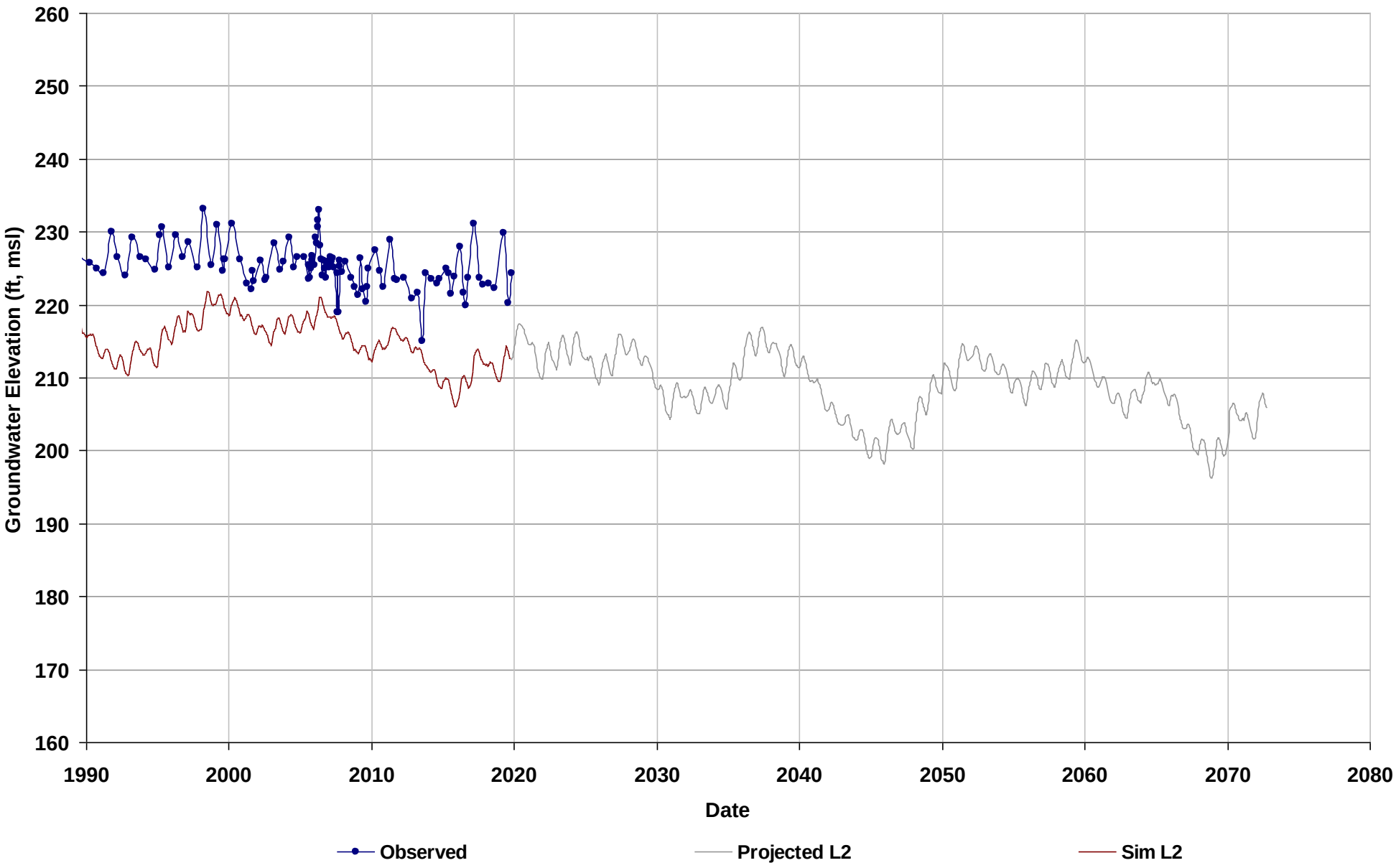
Total Depth (ft): 394
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 25N02W09G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 264

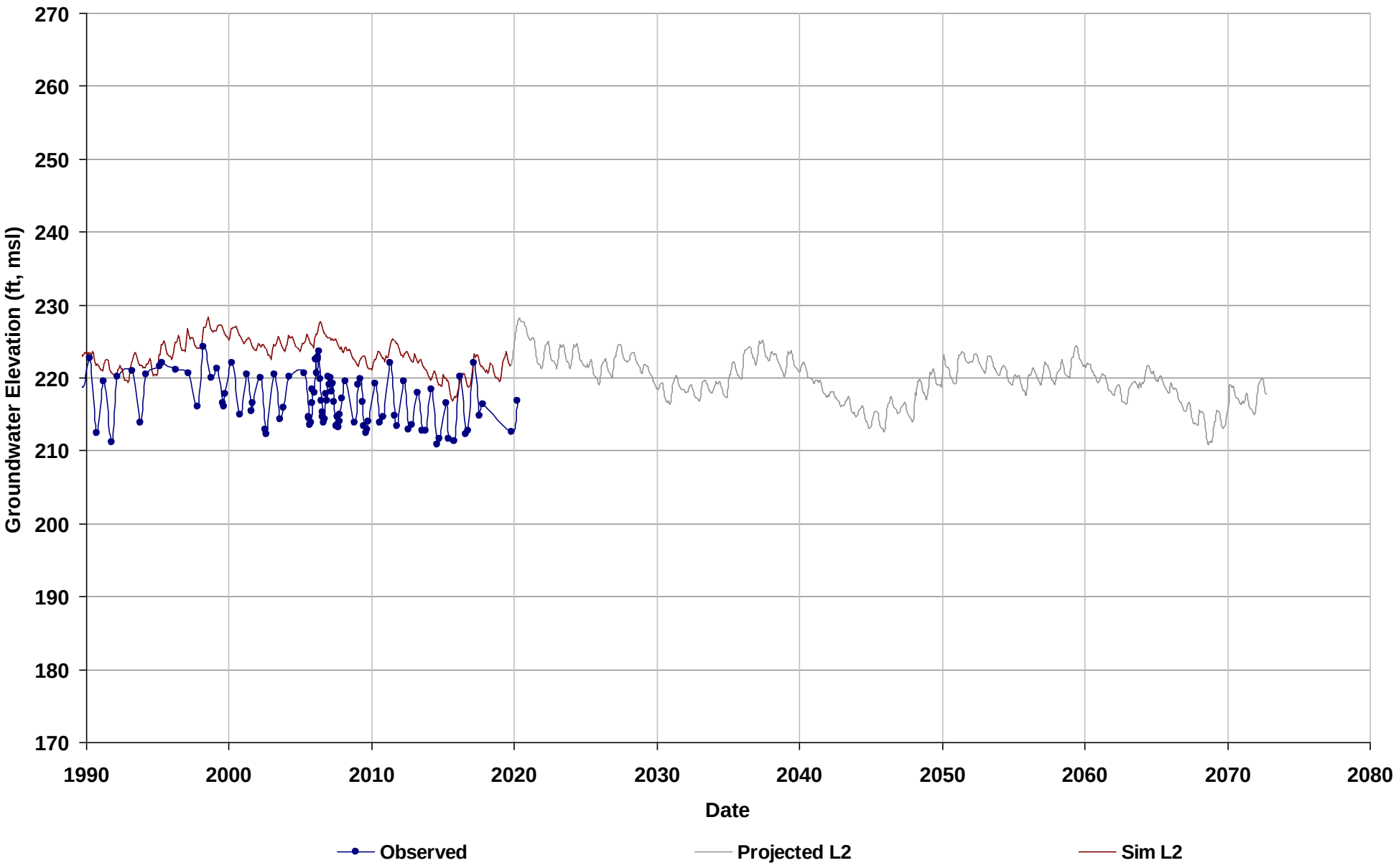
Total Depth (ft): 60
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 26N02W21Q001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 237

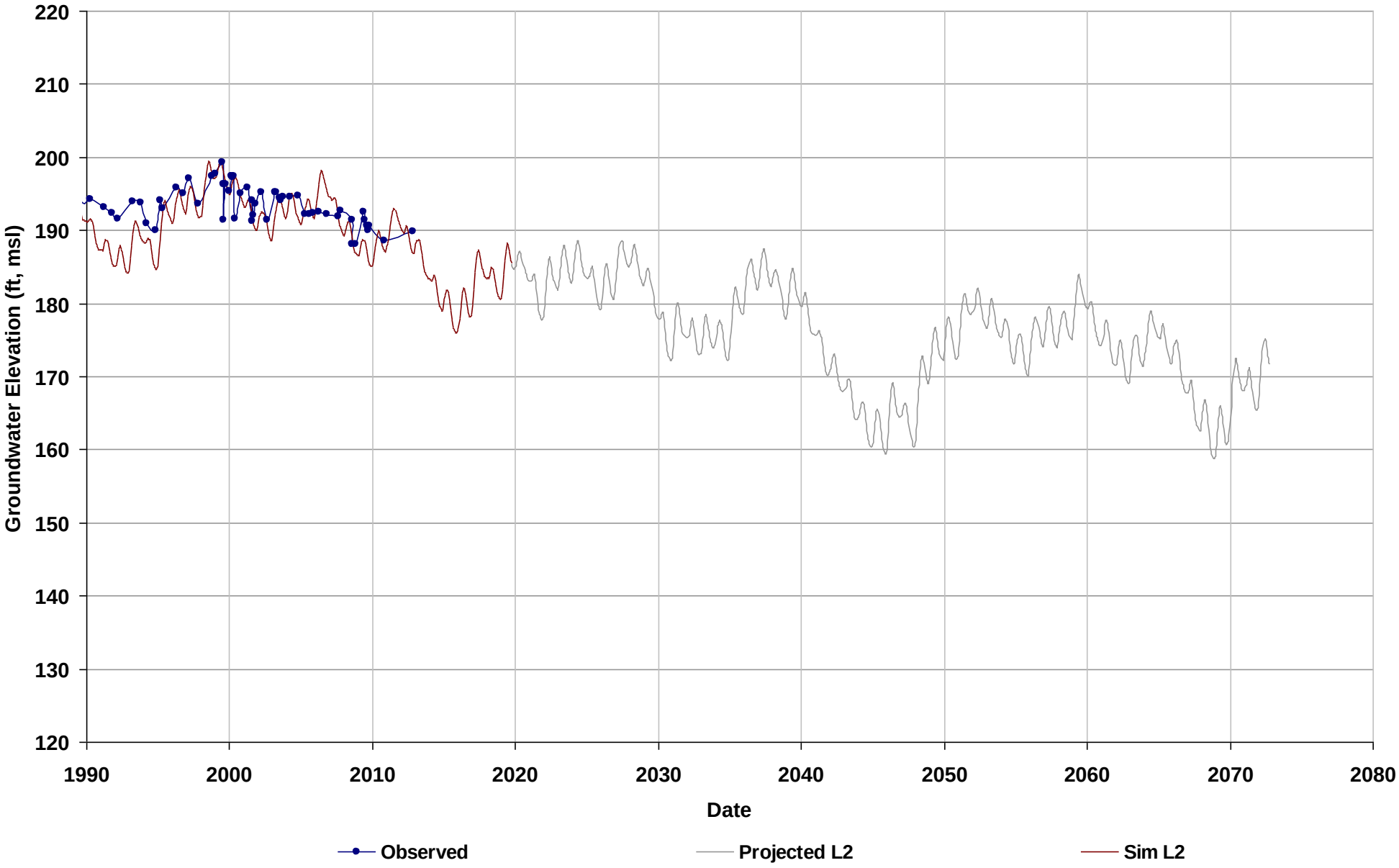
Total Depth (ft): 55
Perf Top (ft): 48
Perf Bottom (ft): 55
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 24N01W18N001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 256

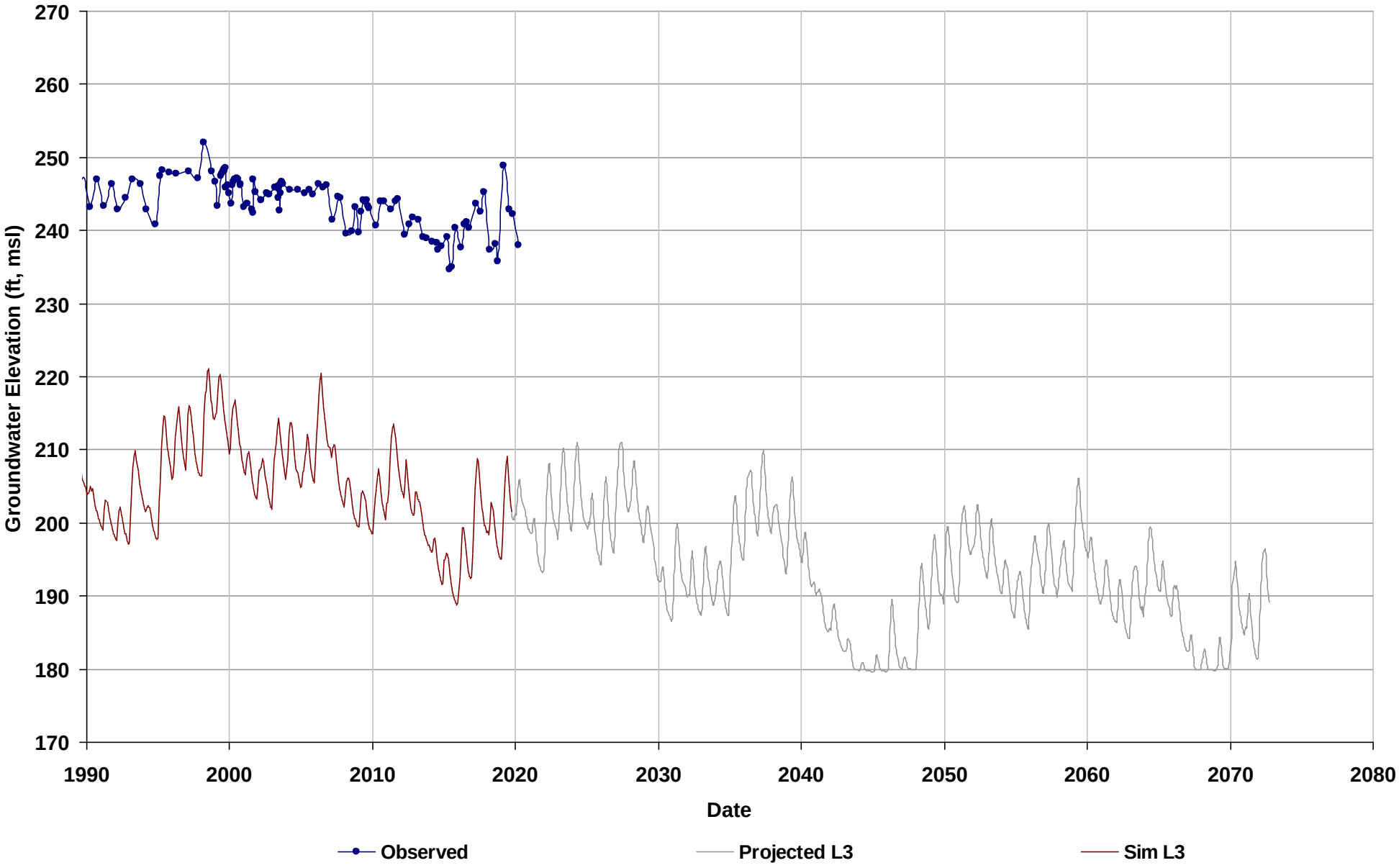
Total Depth (ft): 102
Perf Top (ft): 64
Perf Bottom (ft): 76
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 24N01W05Q002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 289

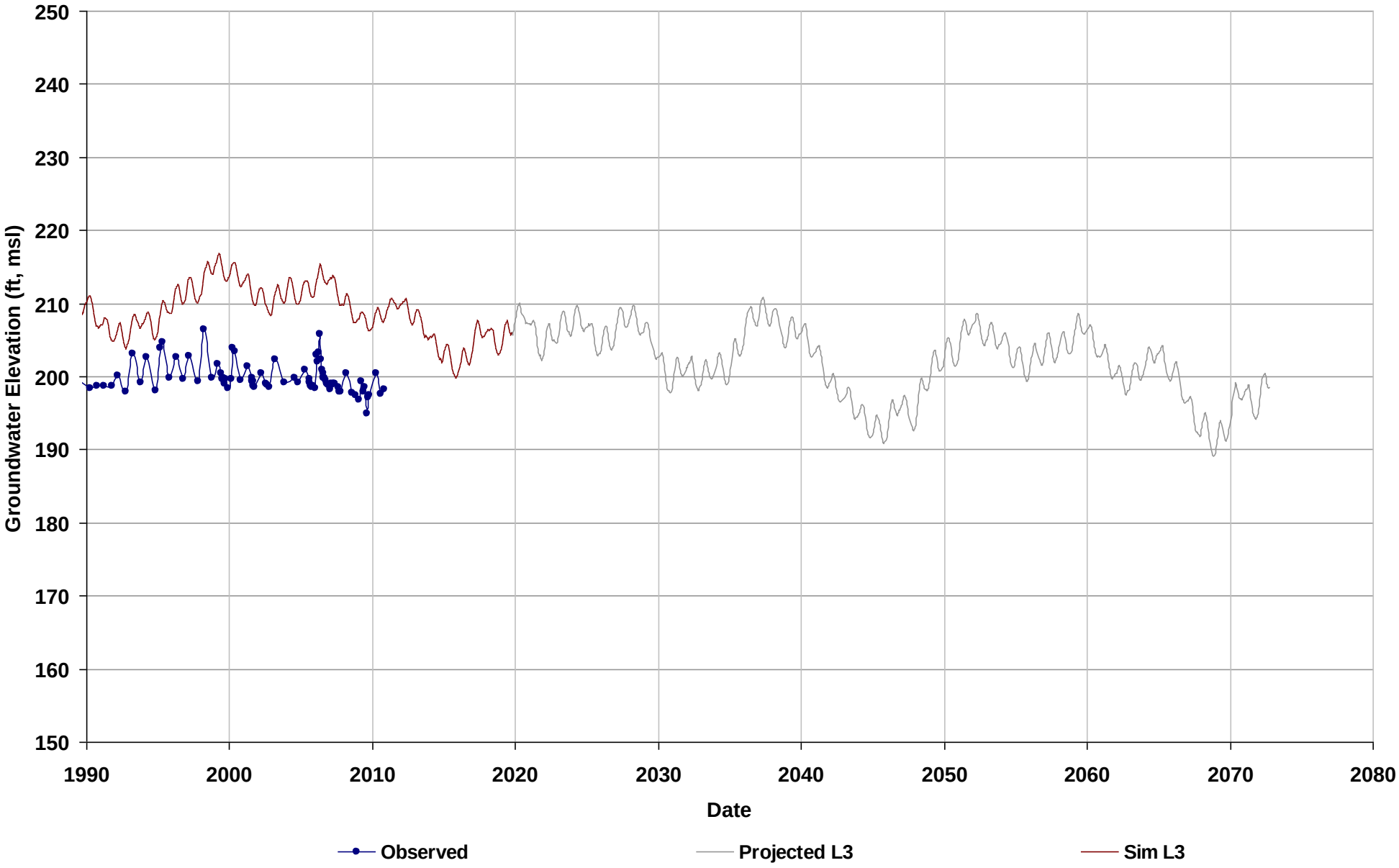
Total Depth (ft): 150
Perf Top (ft): 60
Perf Bottom (ft): 150
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 25N02W21B001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 212

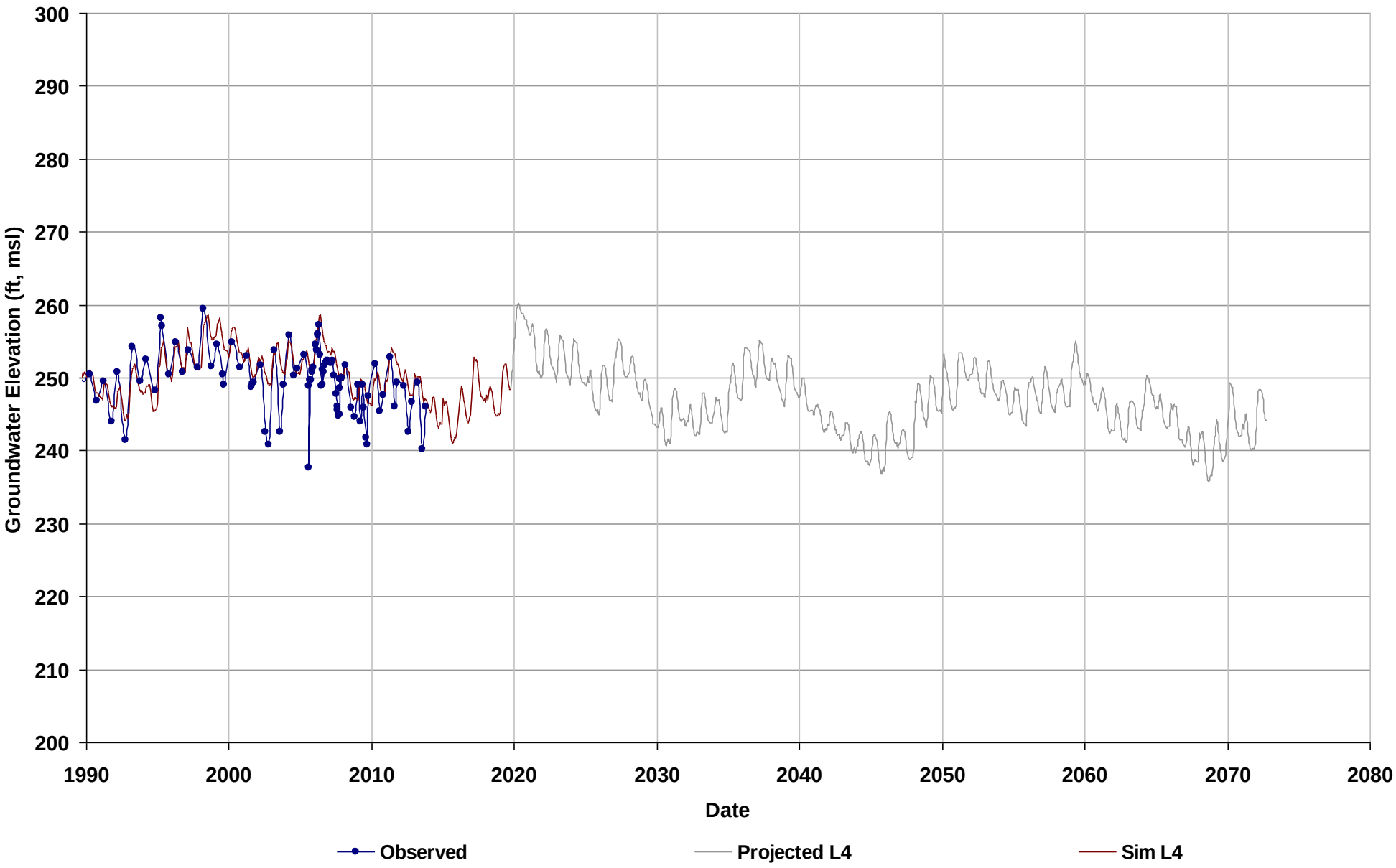
Total Depth (ft): 110
Perf Top (ft): 52
Perf Bottom (ft): 110
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 27N02W30C002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 282

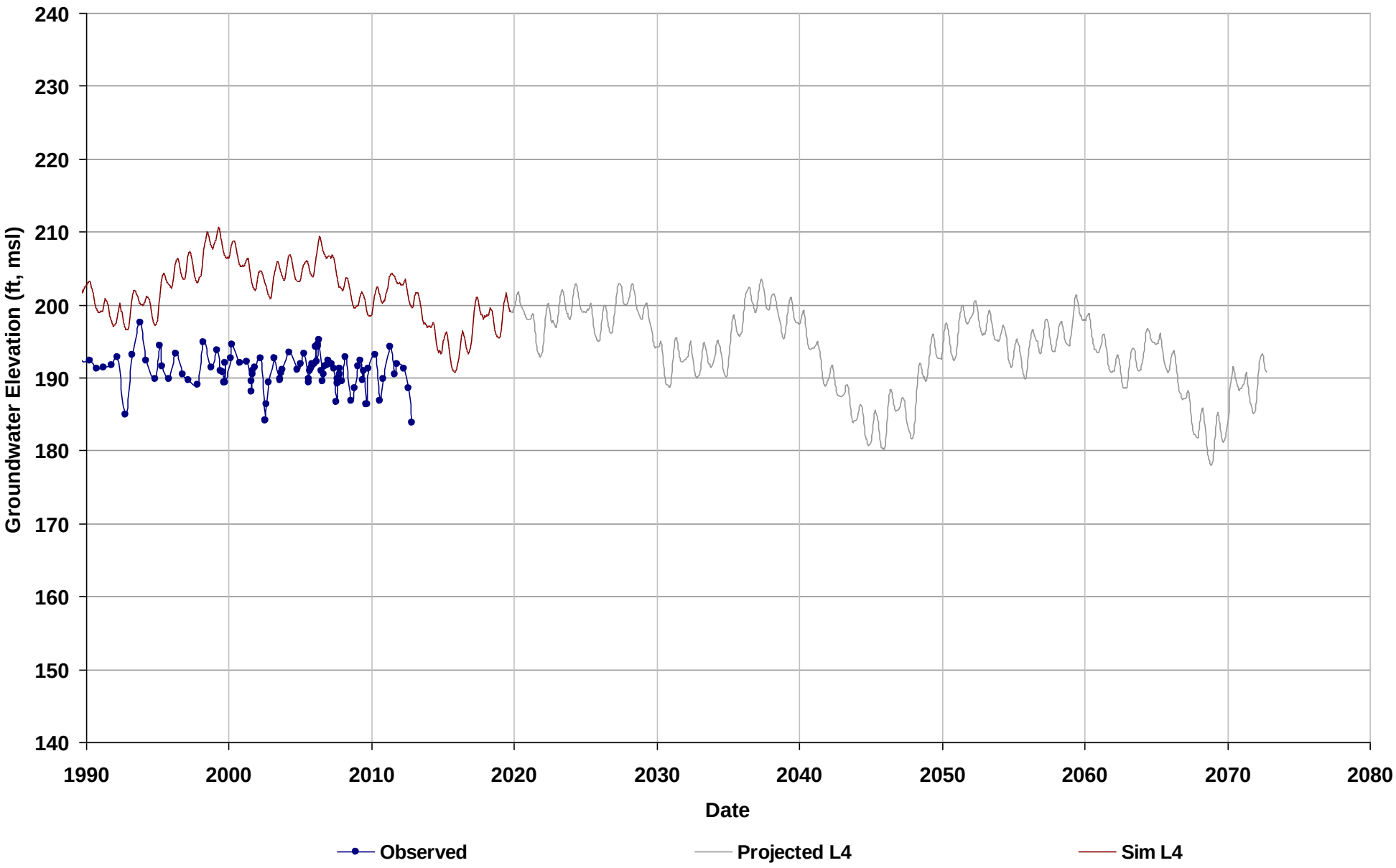
Total Depth (ft): 296
Perf Top (ft): 50
Perf Bottom (ft): 163
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 25N02W34K001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 206

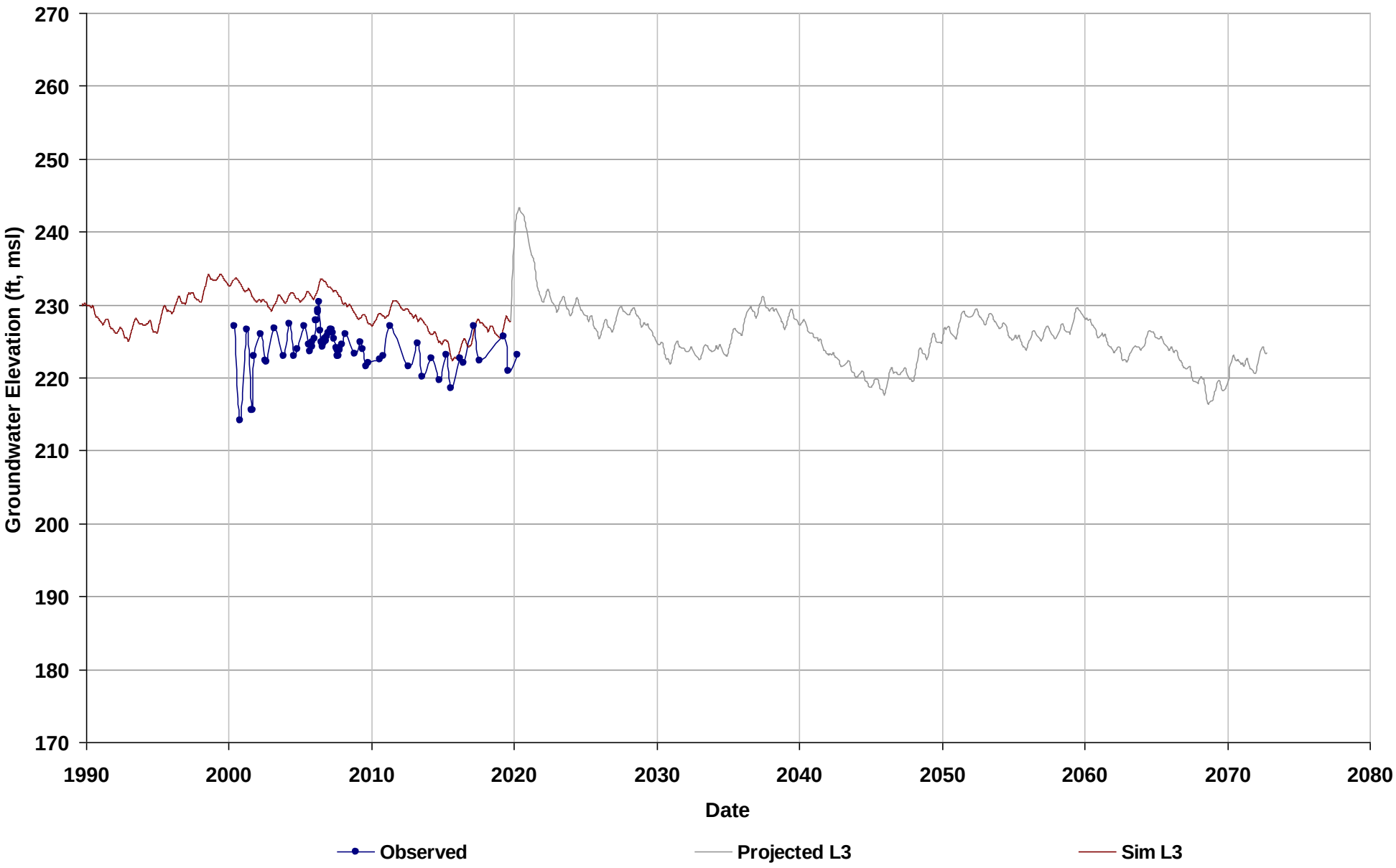
Total Depth (ft): 235
Perf Top (ft): 46
Perf Bottom (ft): 213
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 26N02W15C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 260

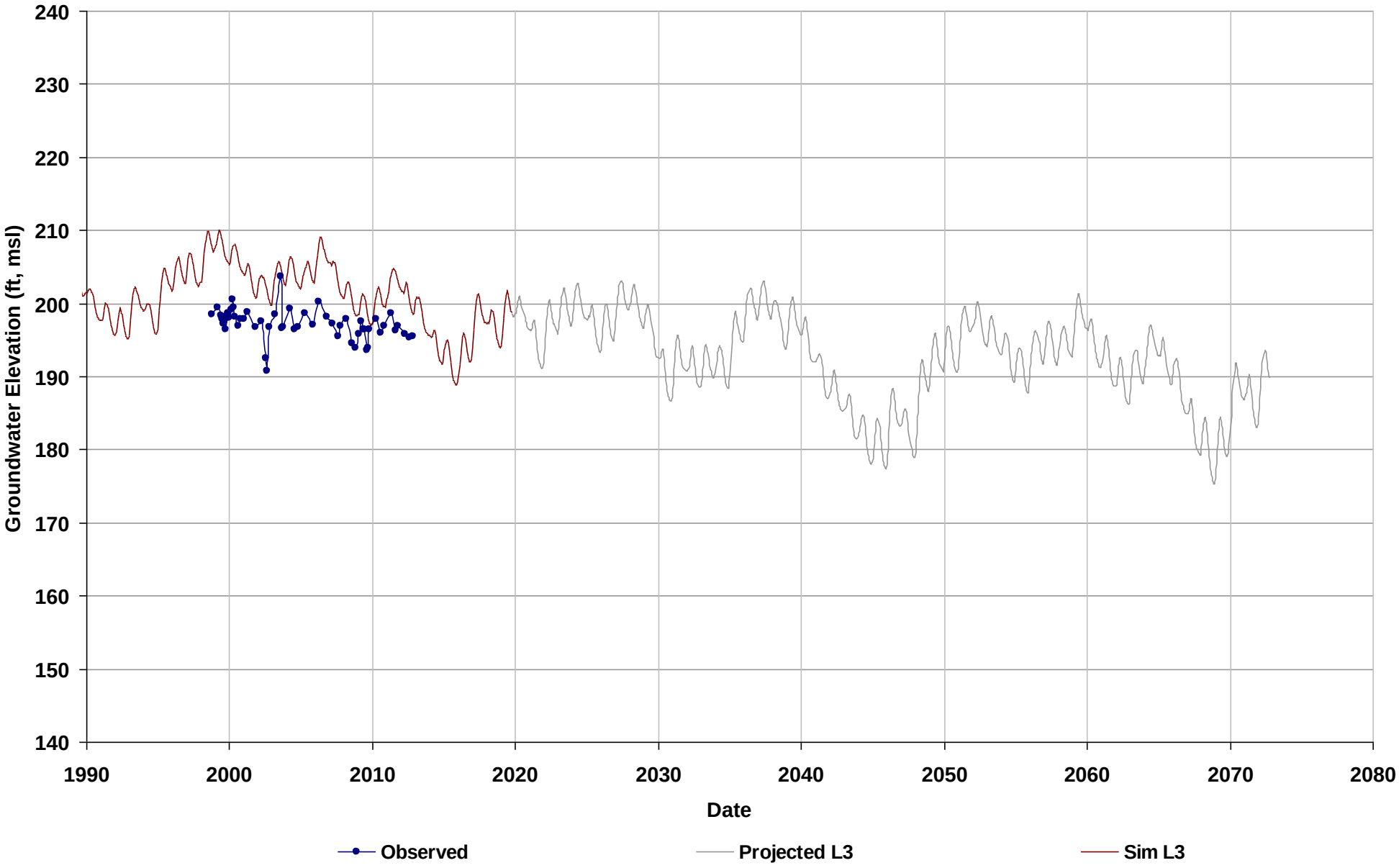
Total Depth (ft): 100
Perf Top (ft): 78
Perf Bottom (ft): 100
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 24N02W02E001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 202

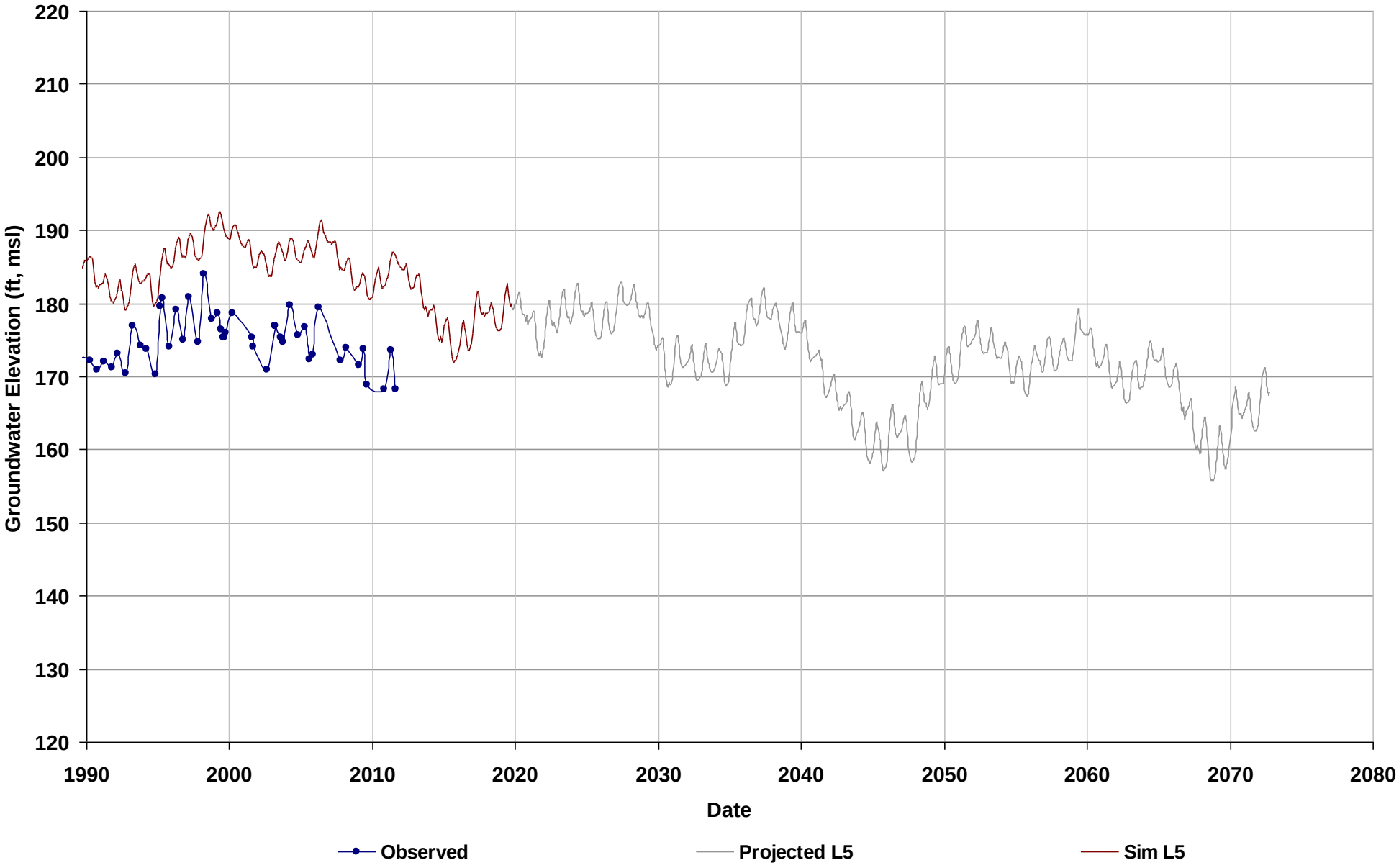
Total Depth (ft): 328
Perf Top (ft): 90
Perf Bottom (ft): 310
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 24N02W23G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 199

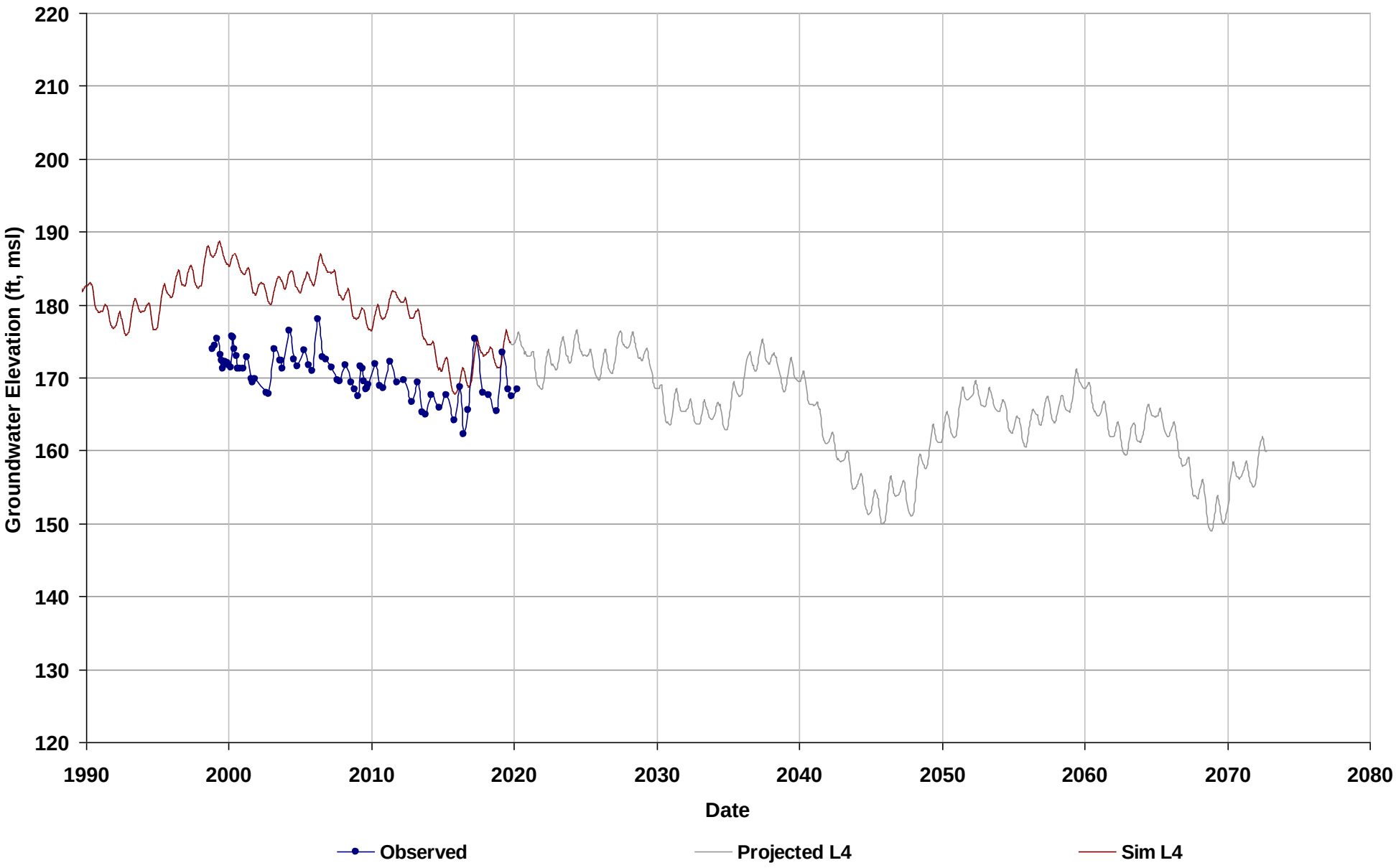
Total Depth (ft): 362
Perf Top (ft): 84
Perf Bottom (ft): 362
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 24N02W25G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 194

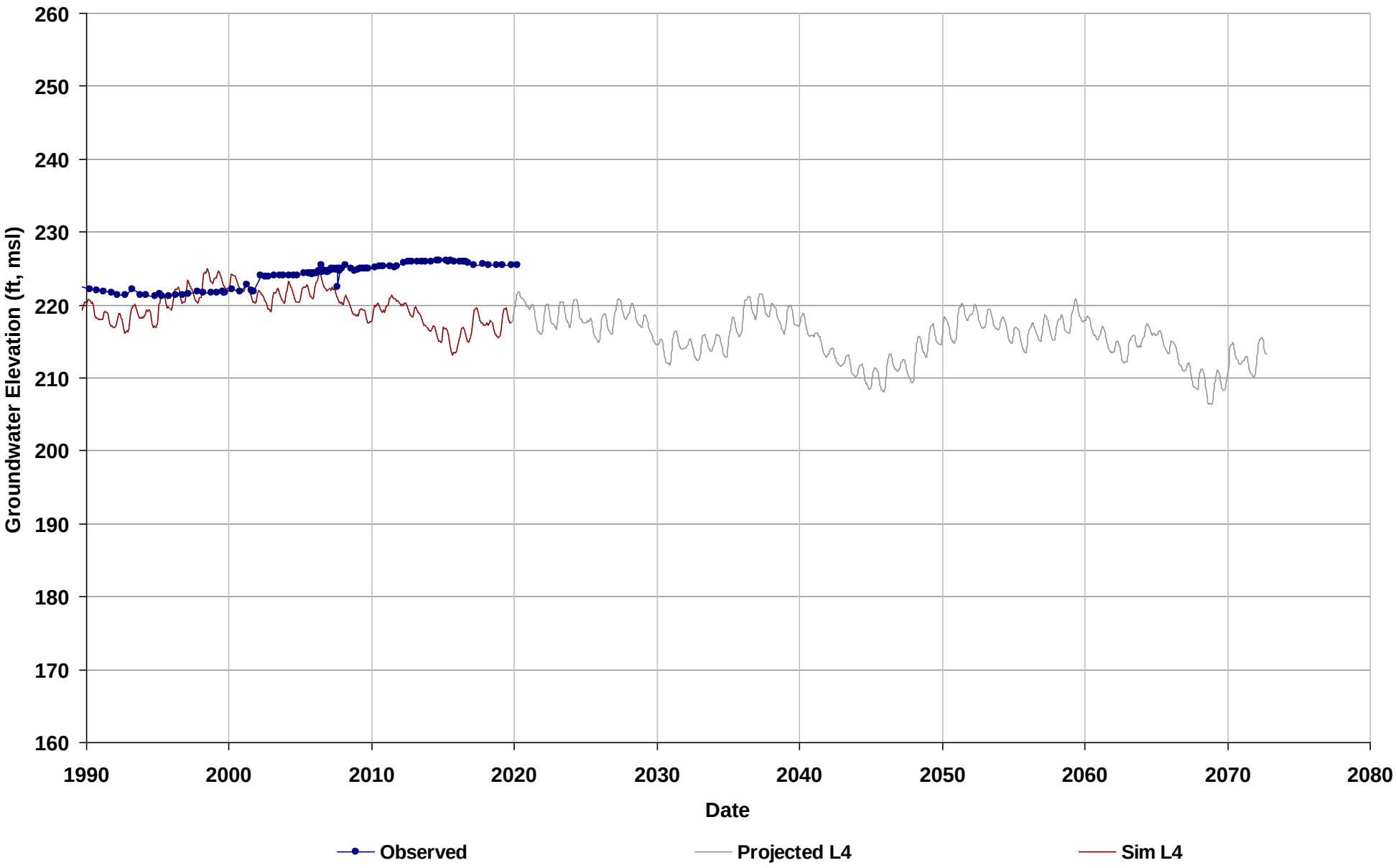
Total Depth (ft): 256
Perf Top (ft): 108
Perf Bottom (ft): 256
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 26N02W29R001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

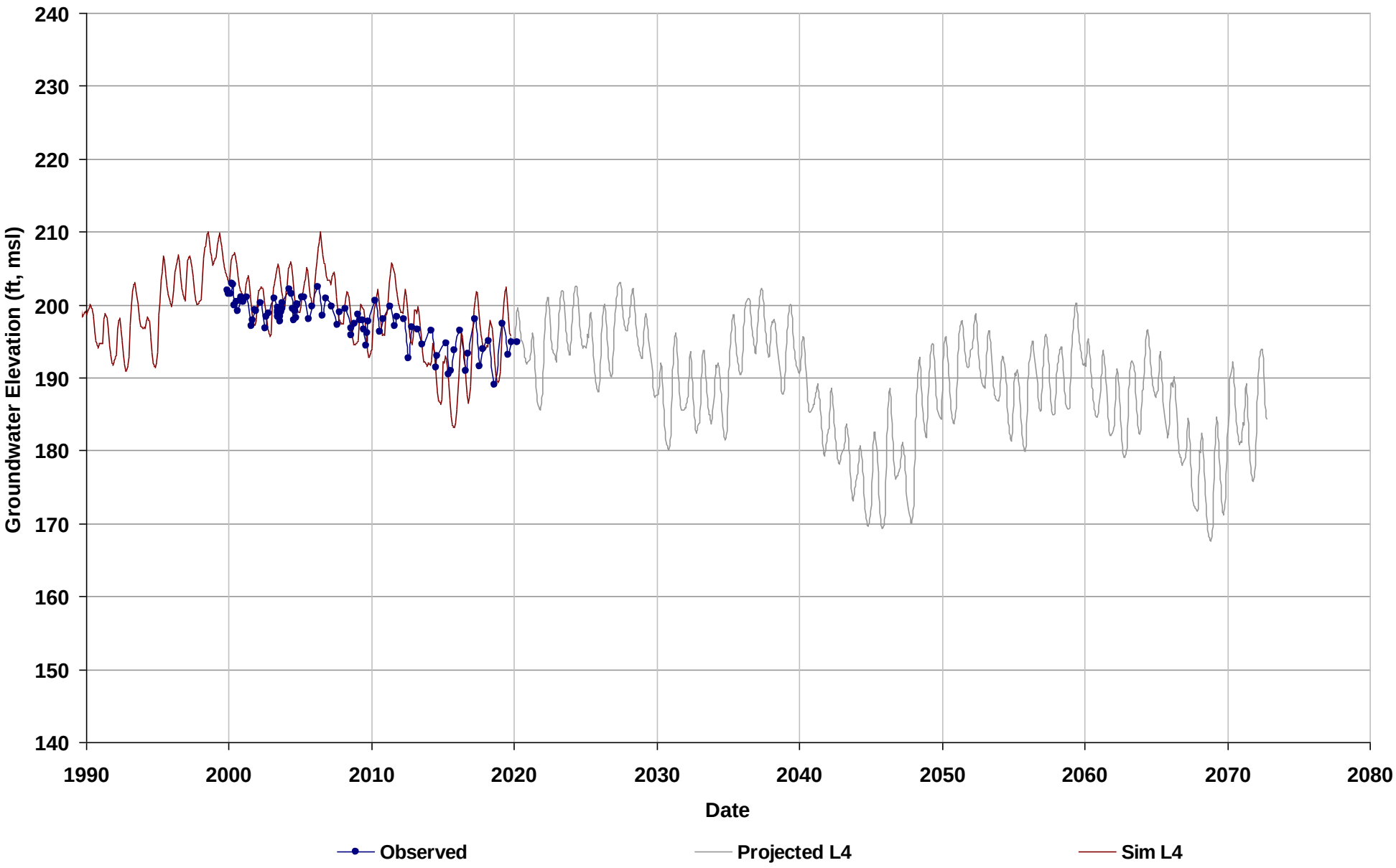
Total Depth (ft): 184
Perf Top (ft): 183.5
Perf Bottom (ft): 184
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 24N02W12P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 228

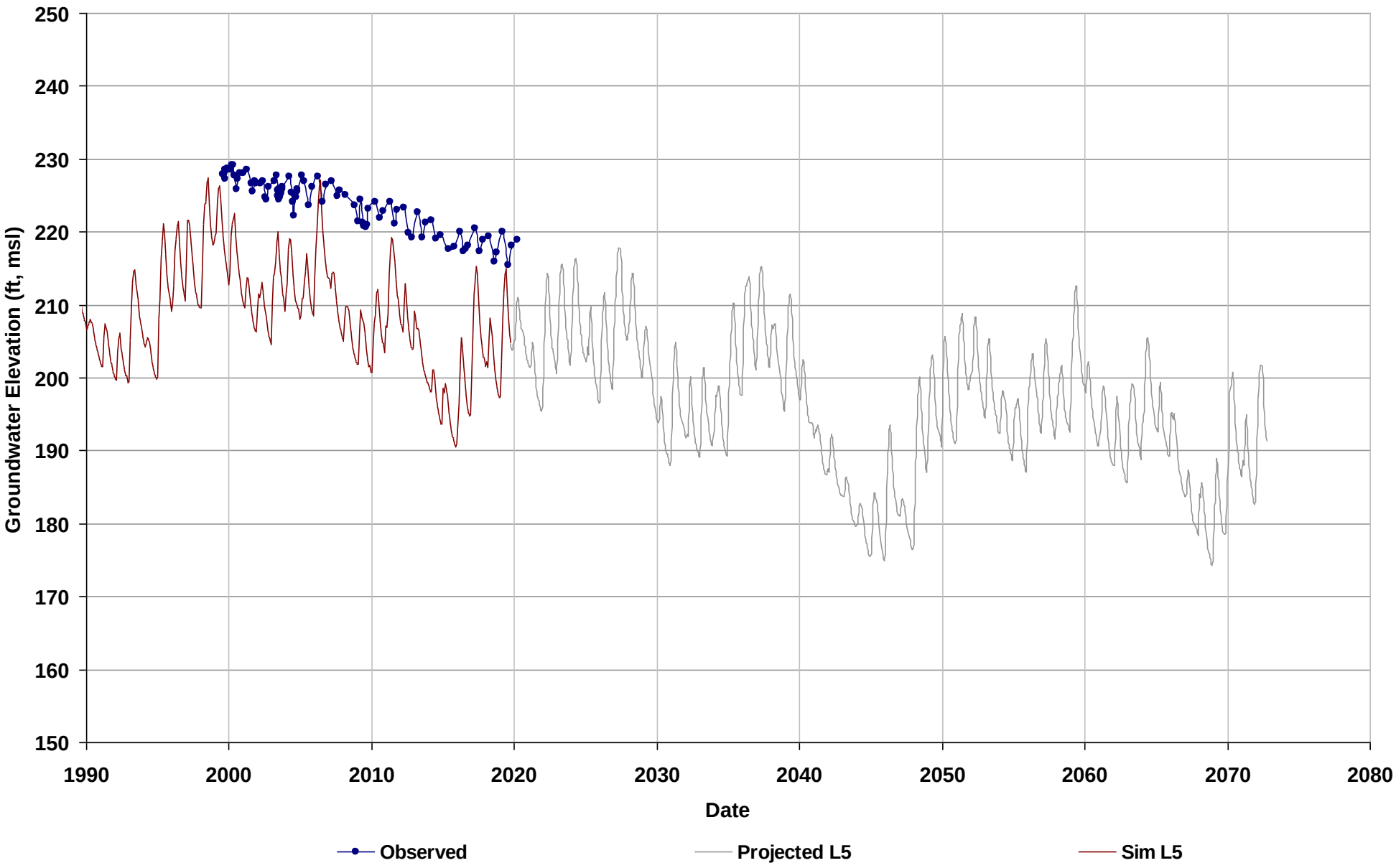
Total Depth (ft): 370
Perf Top (ft): 165
Perf Bottom (ft): 360
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 24N01W05J003M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 312

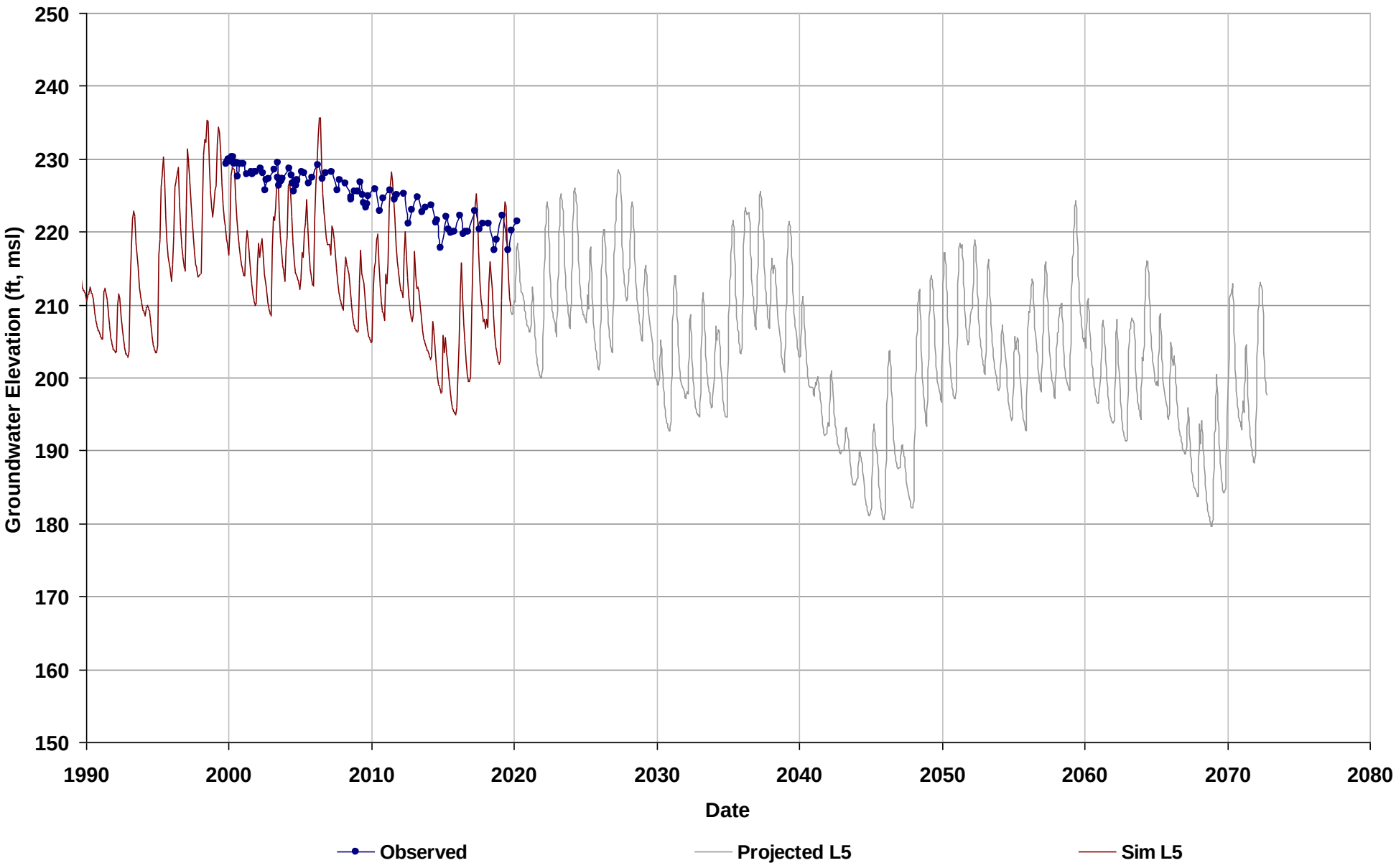
Total Depth (ft): 385
Perf Top (ft): 295
Perf Bottom (ft): 335
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 25N01W32P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 303

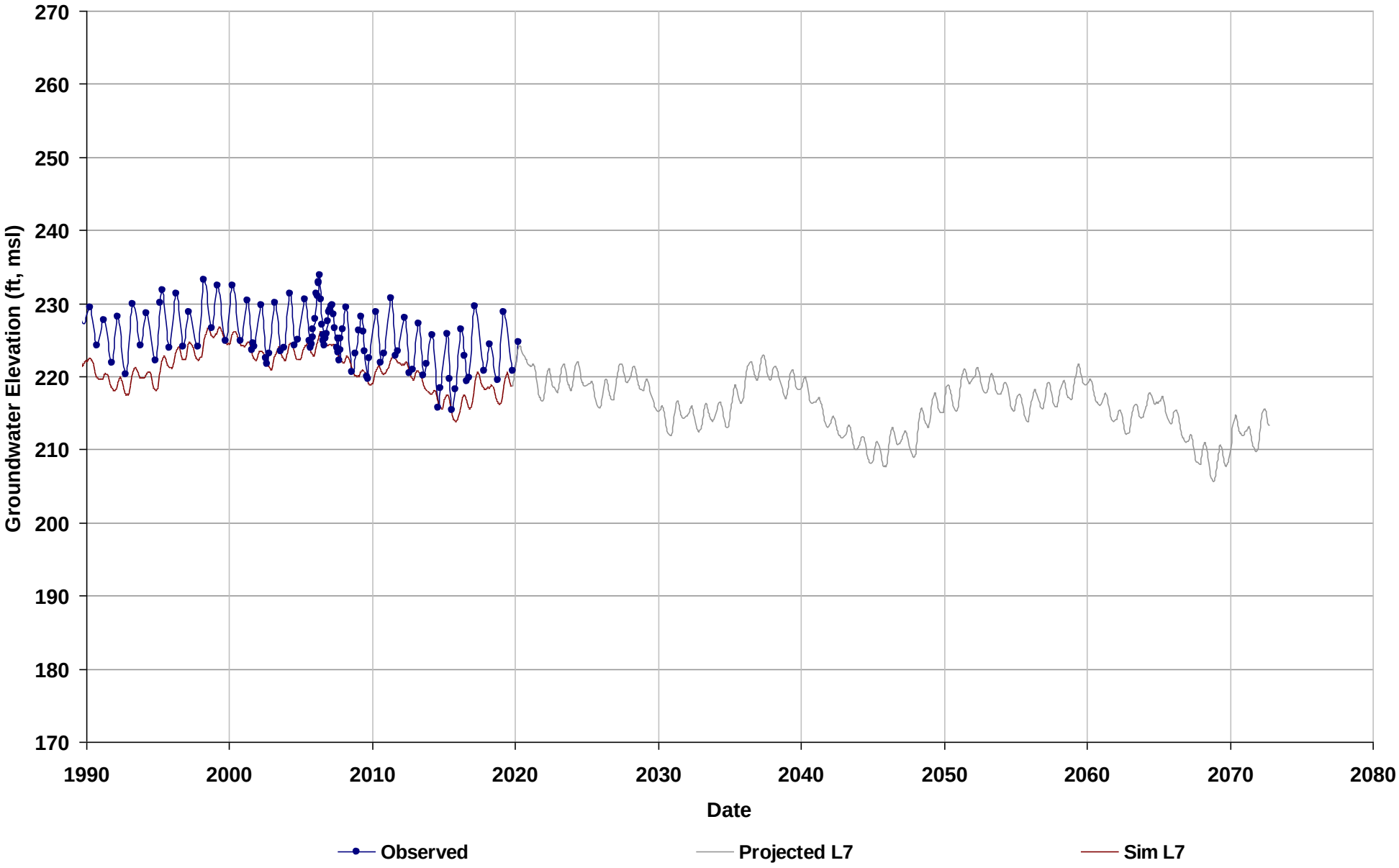
Total Depth (ft): 330
Perf Top (ft): 209
Perf Bottom (ft): 256
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 26N02W29R002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

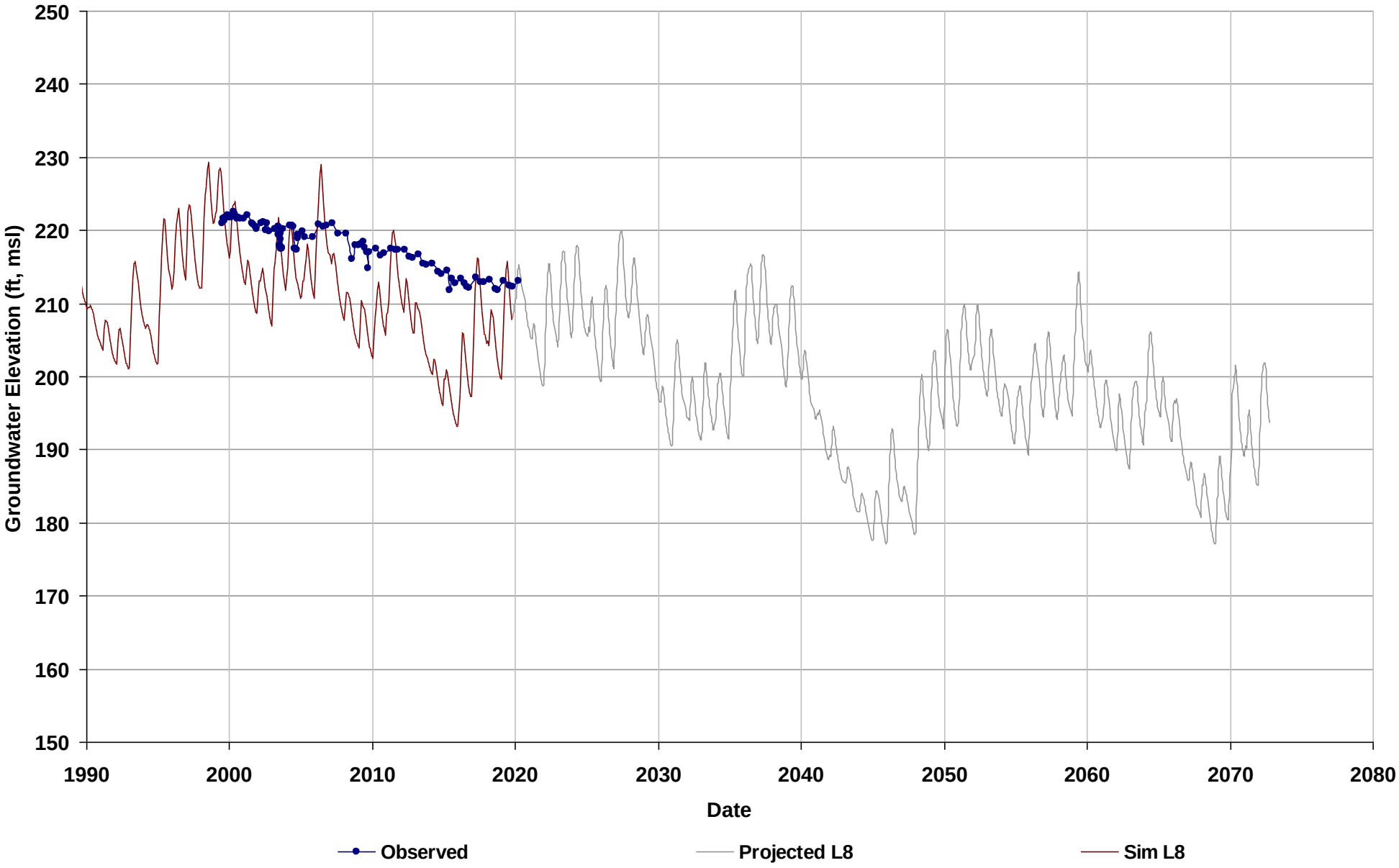
Total Depth (ft): 900
Perf Top (ft): 839.5
Perf Bottom (ft): 840.5
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 25N01W34N003M
Depth Zone: Lower
Subbasin: Los Molinos
GSE (ft, msl): 366

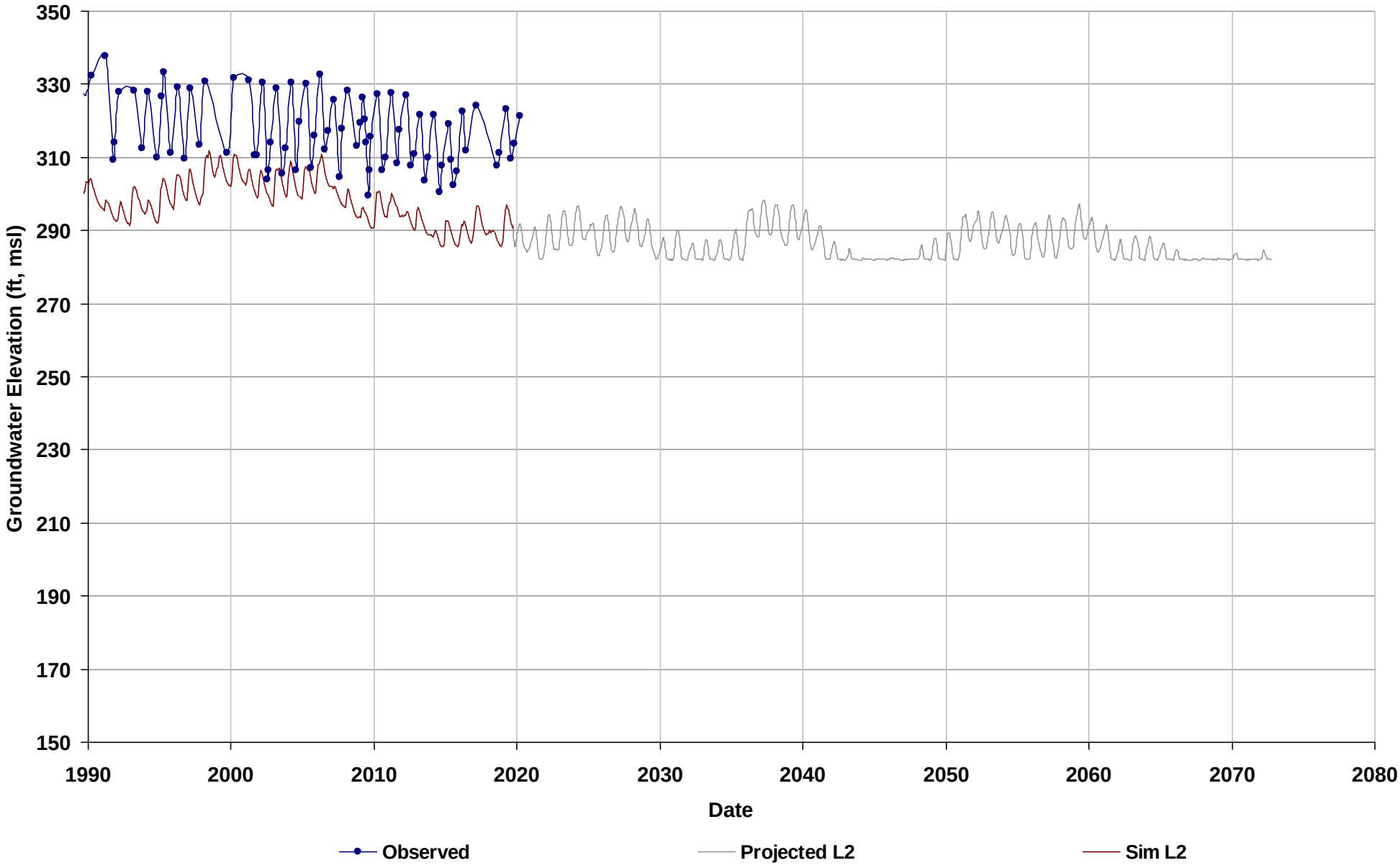
Total Depth (ft): 743
Perf Top (ft): 625
Perf Bottom (ft): 680
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 27N04W35E001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 438

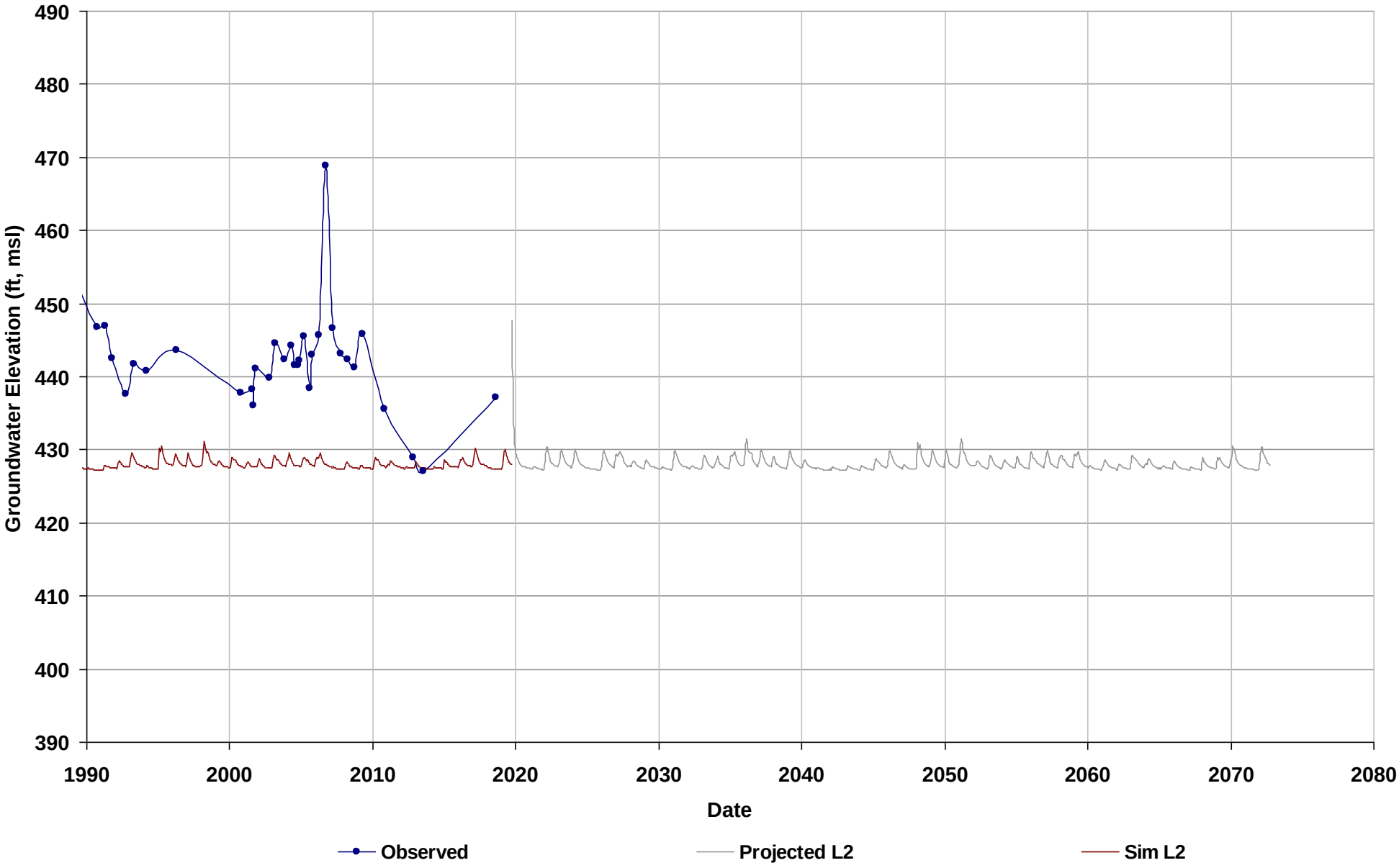
Total Depth (ft): 280
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 25N05W24D001M
Depth Zone: Unknown
Subbasin: Red Bluff
GSE (ft, msl): 515

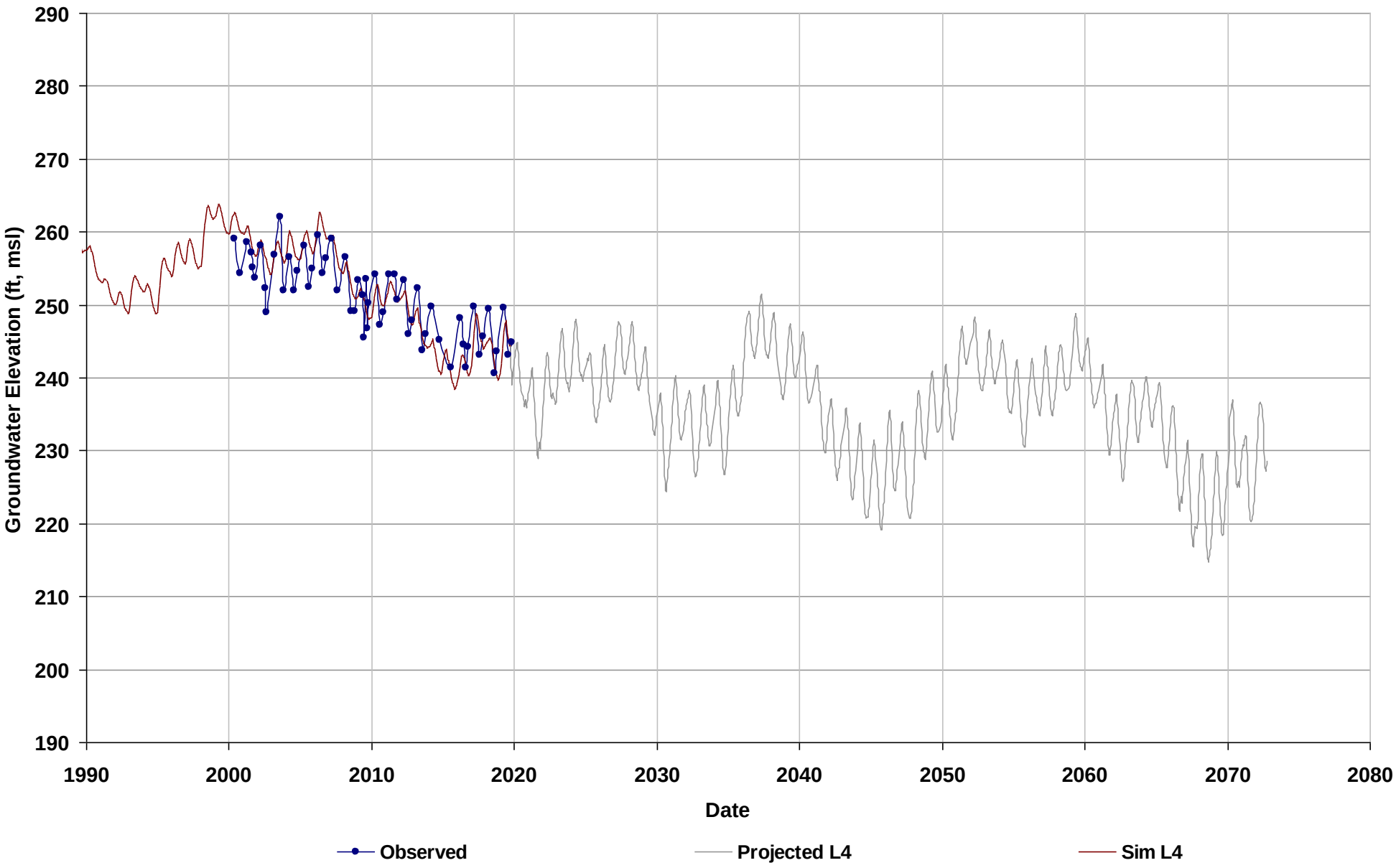
Total Depth (ft):
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 26N03W17B001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 309

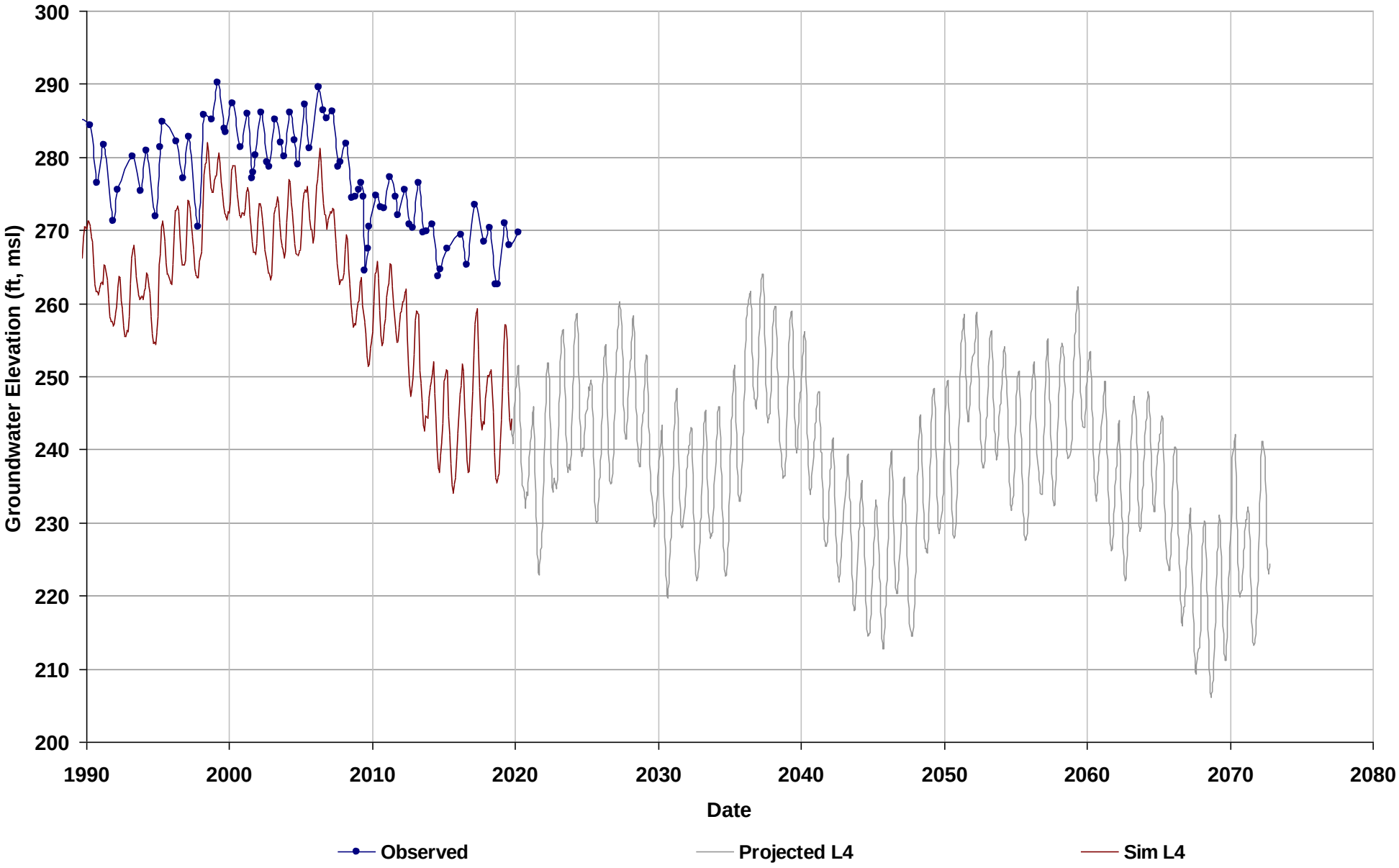
Total Depth (ft): 180
Perf Top (ft): 160
Perf Bottom (ft): 180
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 26N04W25J001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 333

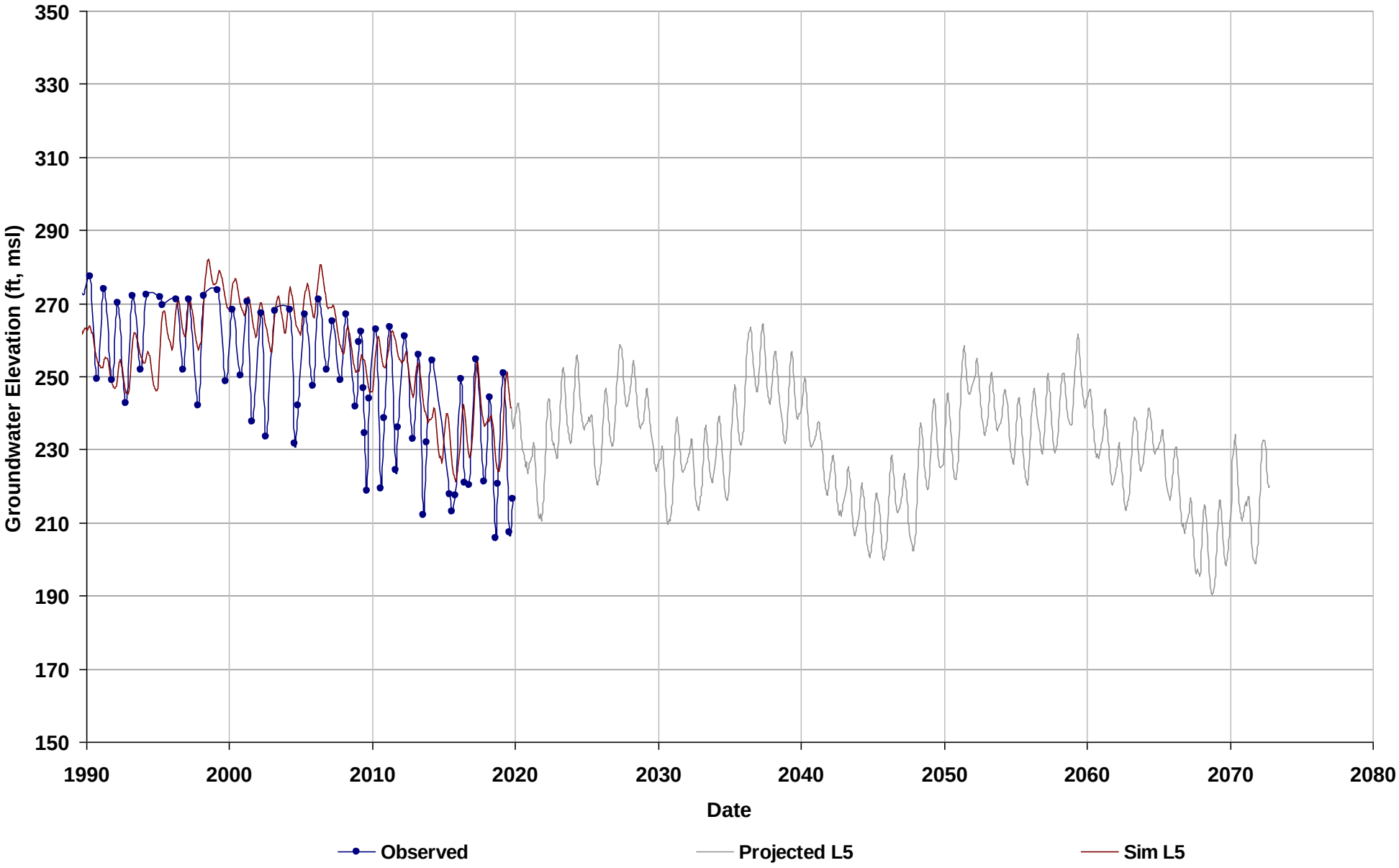
Total Depth (ft): 128
Perf Top (ft): 116
Perf Bottom (ft): 124
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 25N03W19N001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 327

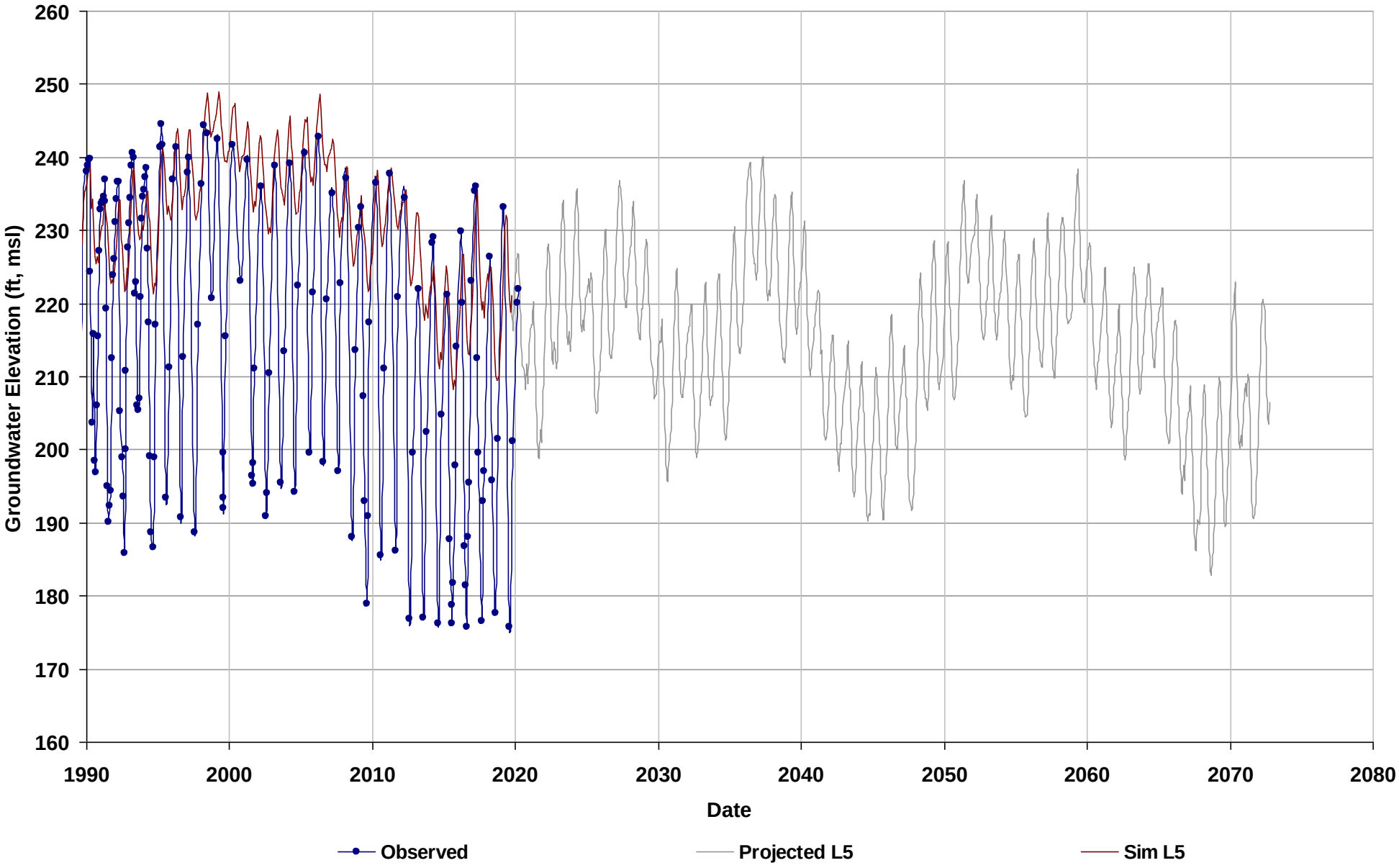
Total Depth (ft): 370
Perf Top (ft): 135
Perf Bottom (ft): 358
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 25N03W10L001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 276

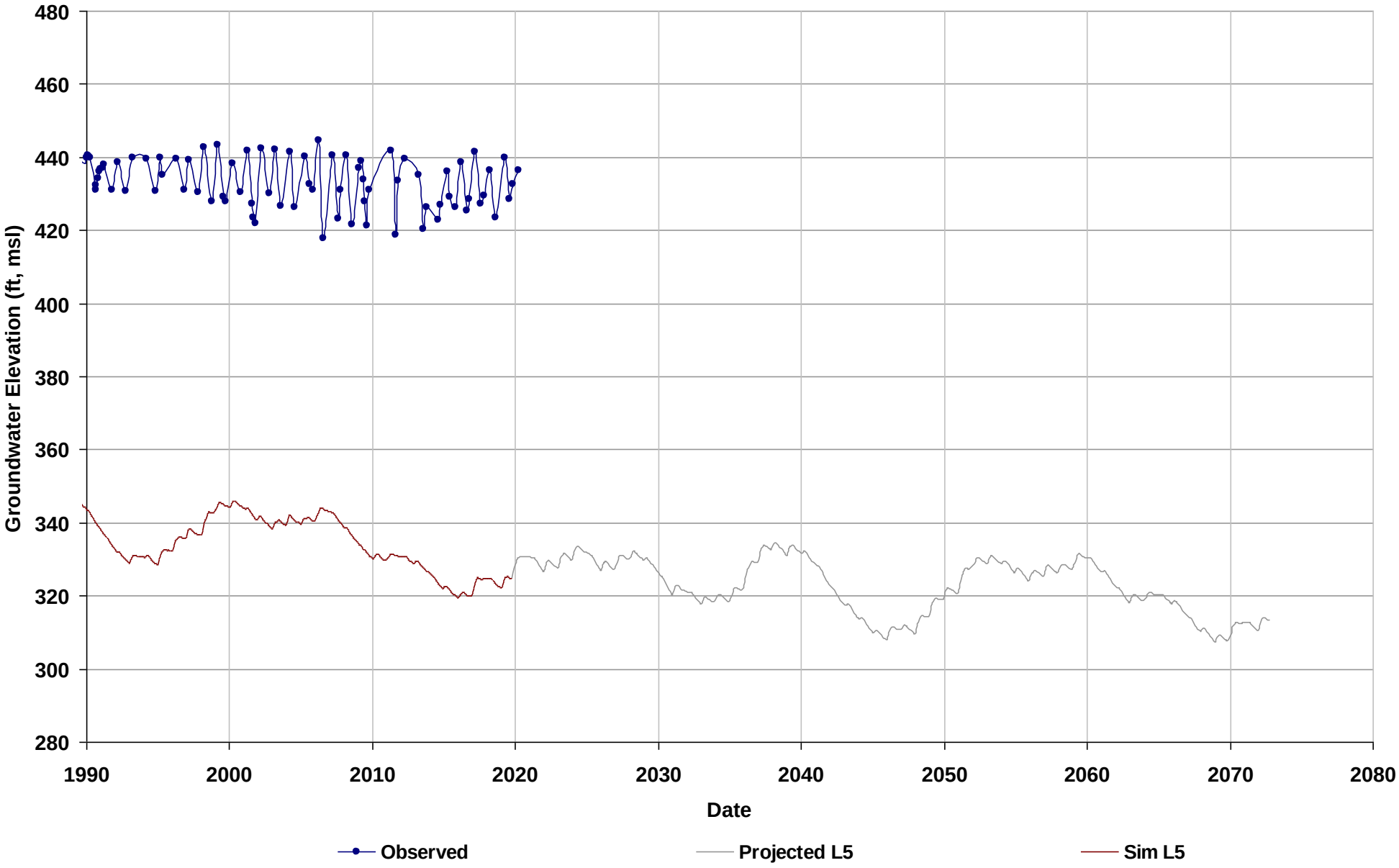
Total Depth (ft): 400
Perf Top (ft): 251
Perf Bottom (ft): 400
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 27N04W05G002M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 482

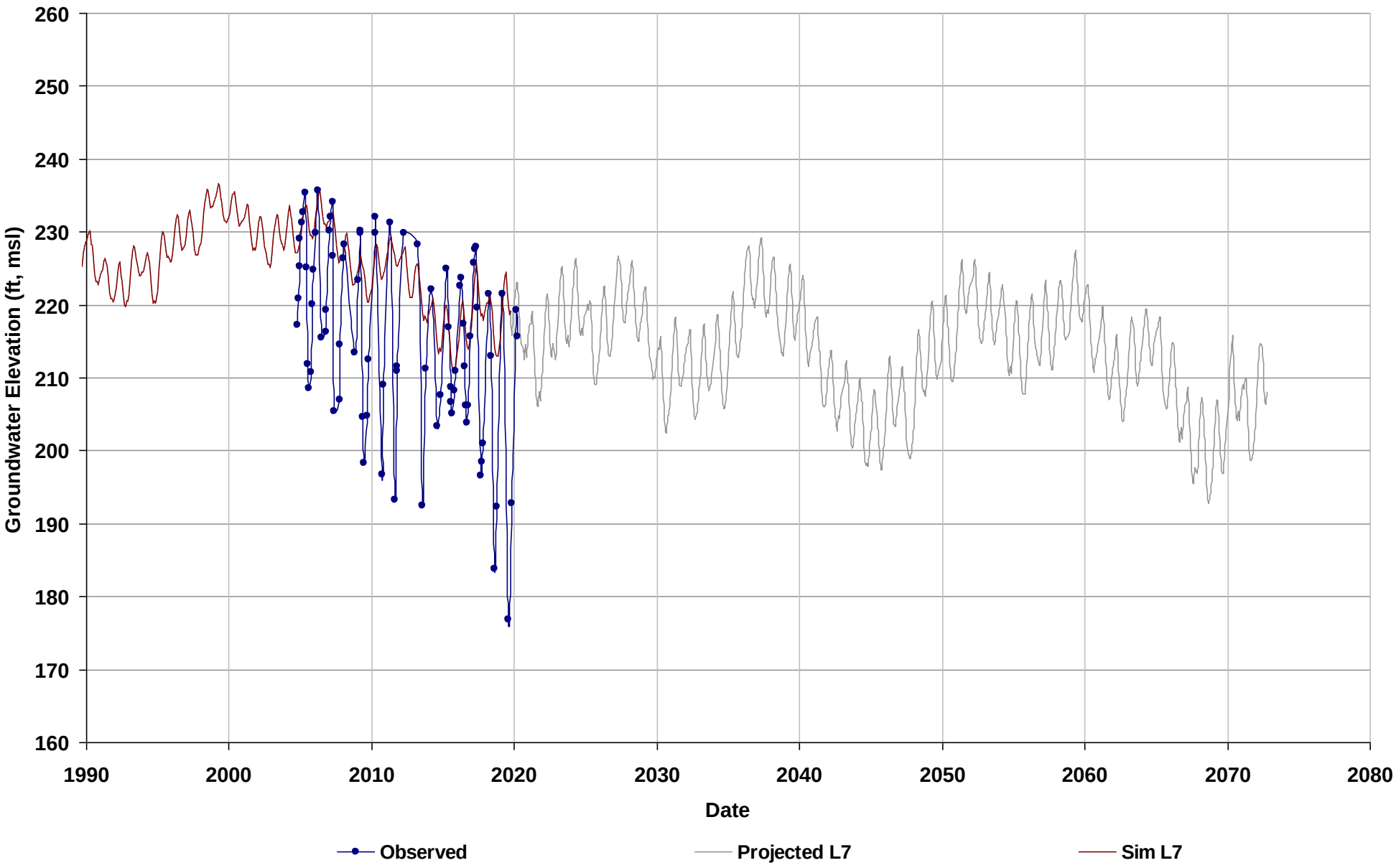
Total Depth (ft): 260
Perf Top (ft): 231
Perf Bottom (ft): 251
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 25N03W11B003M
Depth Zone: Lower
Subbasin: Red Bluff
GSE (ft, msl): 252

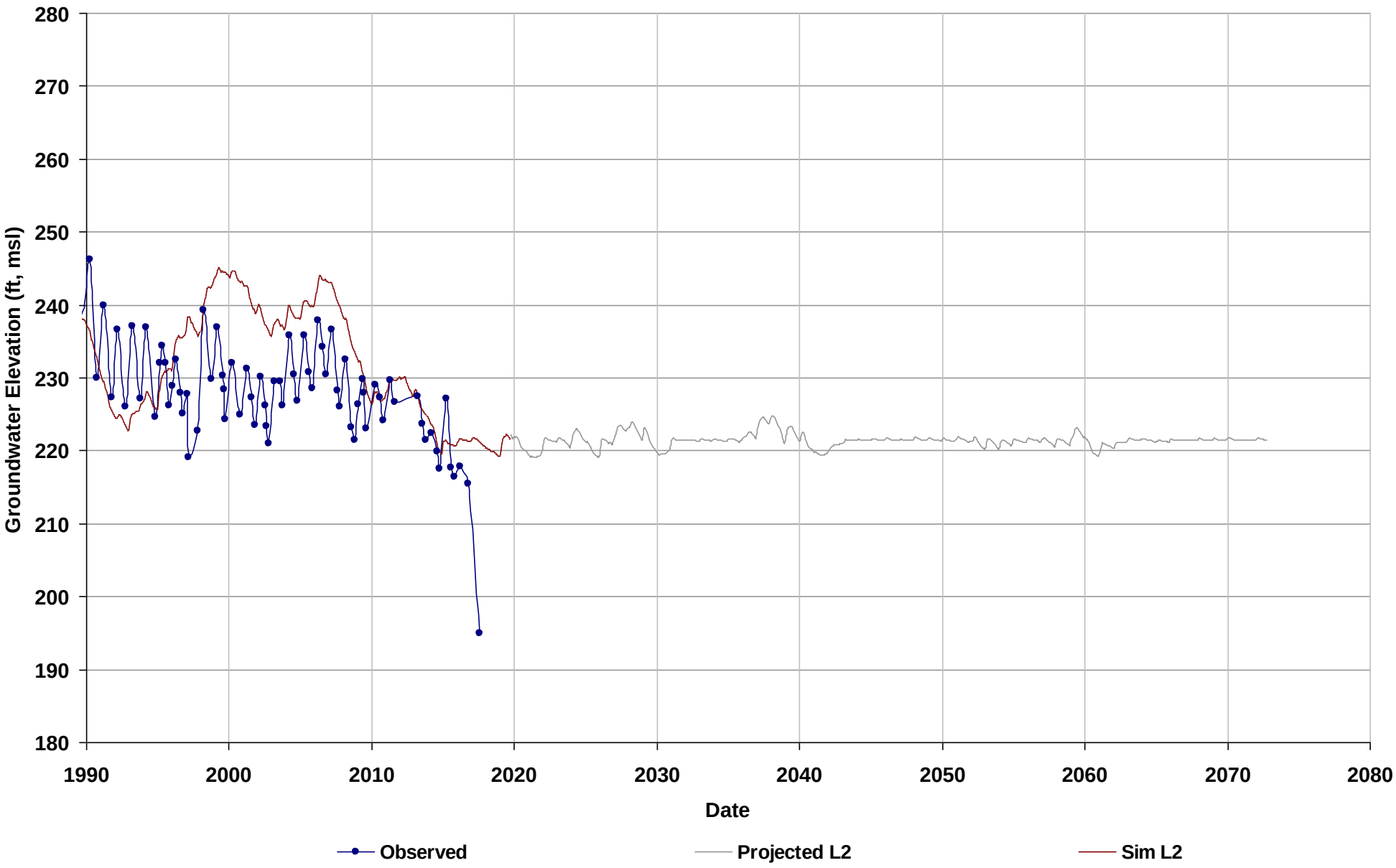
Total Depth (ft): 1000
Perf Top (ft): 940
Perf Bottom (ft): 960
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 23N03W05G001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 279

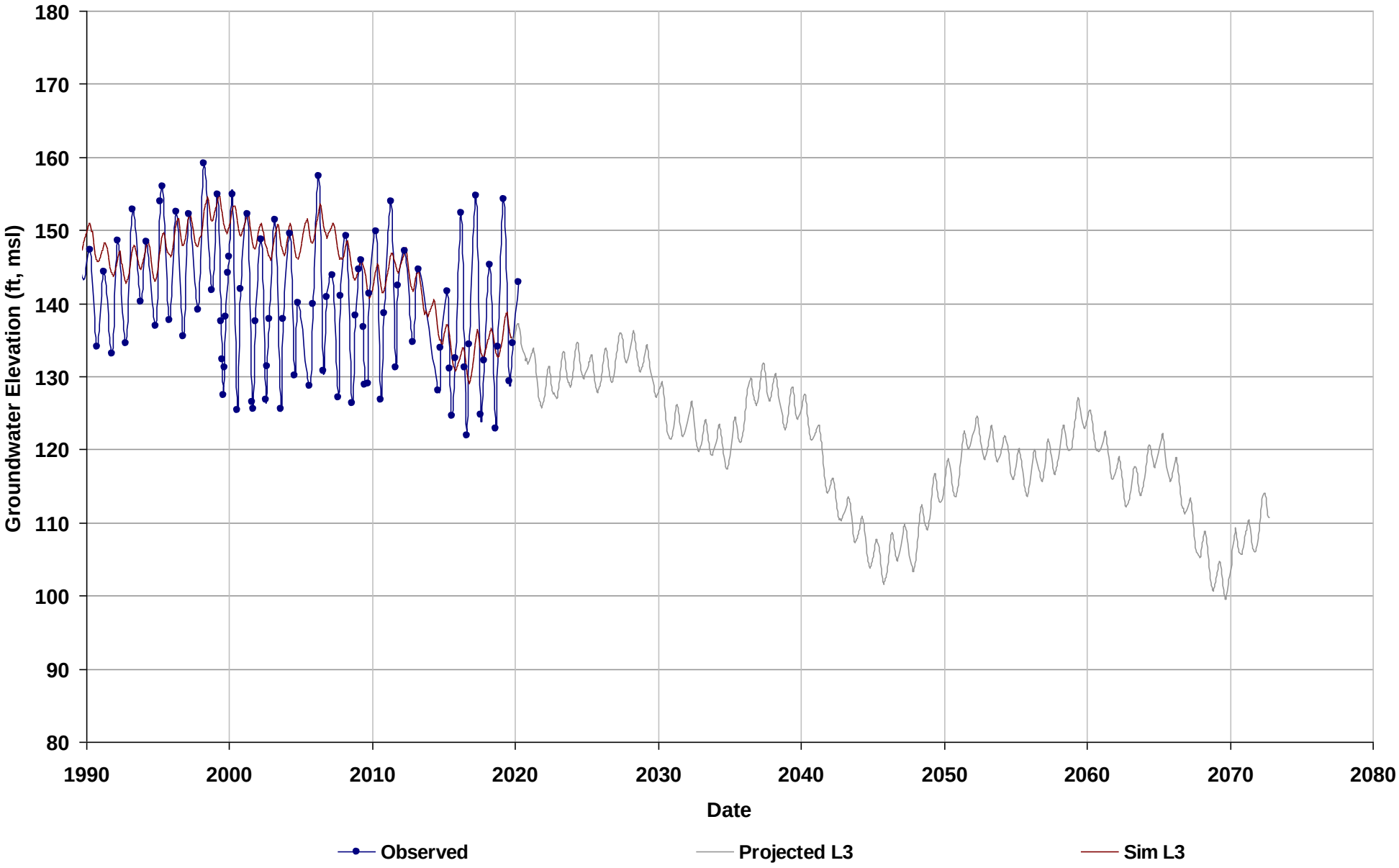
Total Depth (ft): 70
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 23N02W34A001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 172

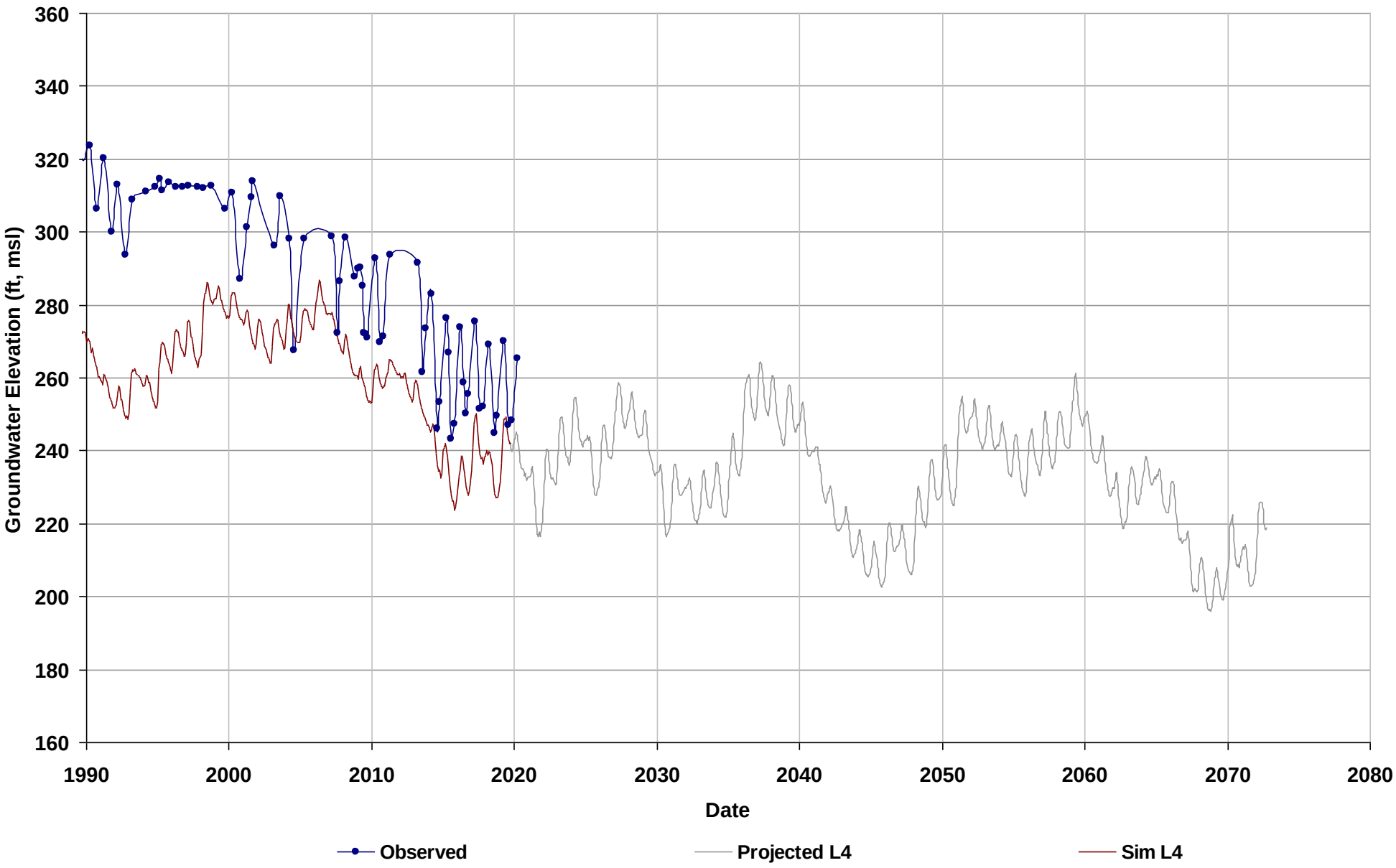
Total Depth (ft): 130
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 24N04W14N002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 375

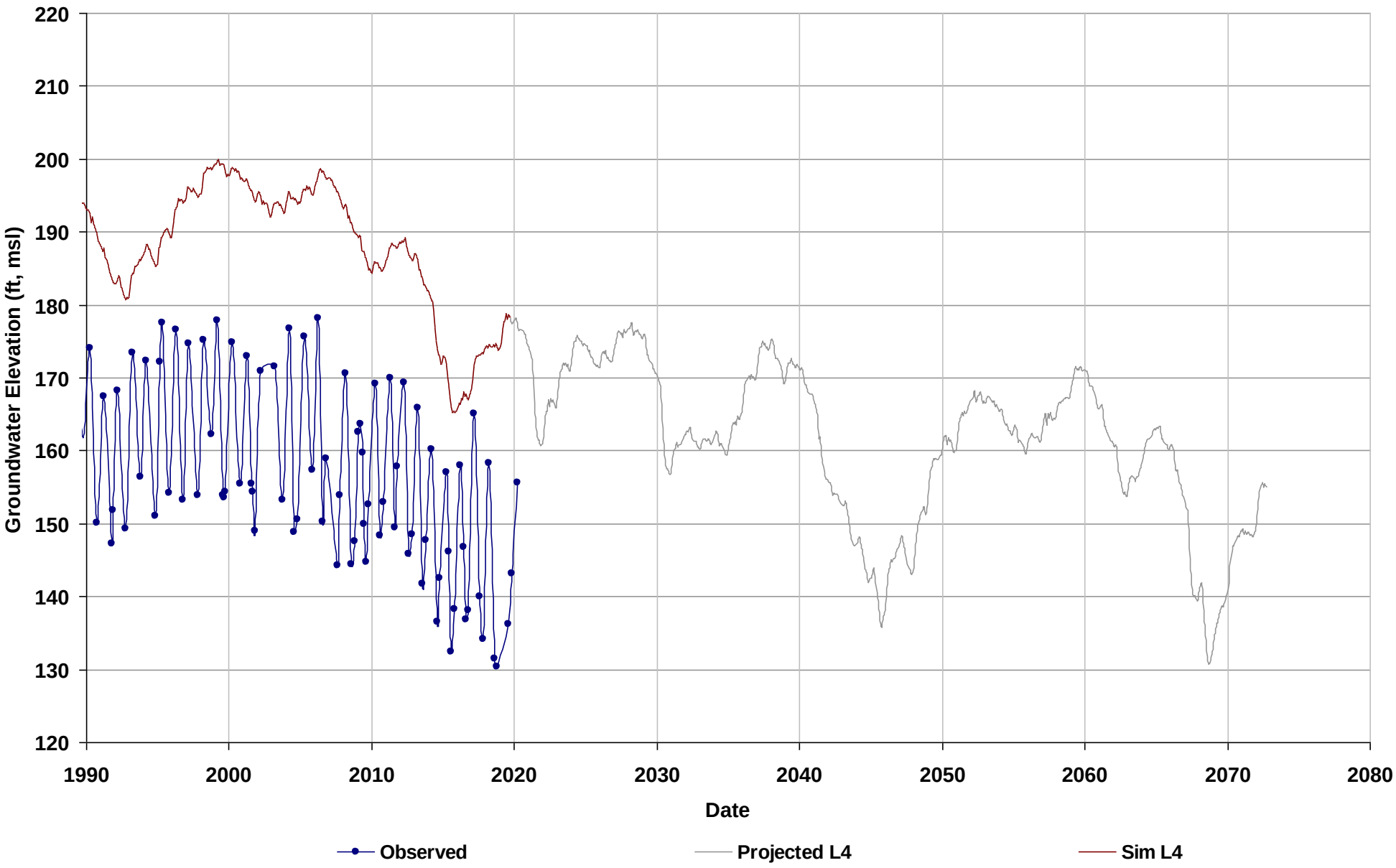
Total Depth (ft): 180
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 23N03W24A002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 207

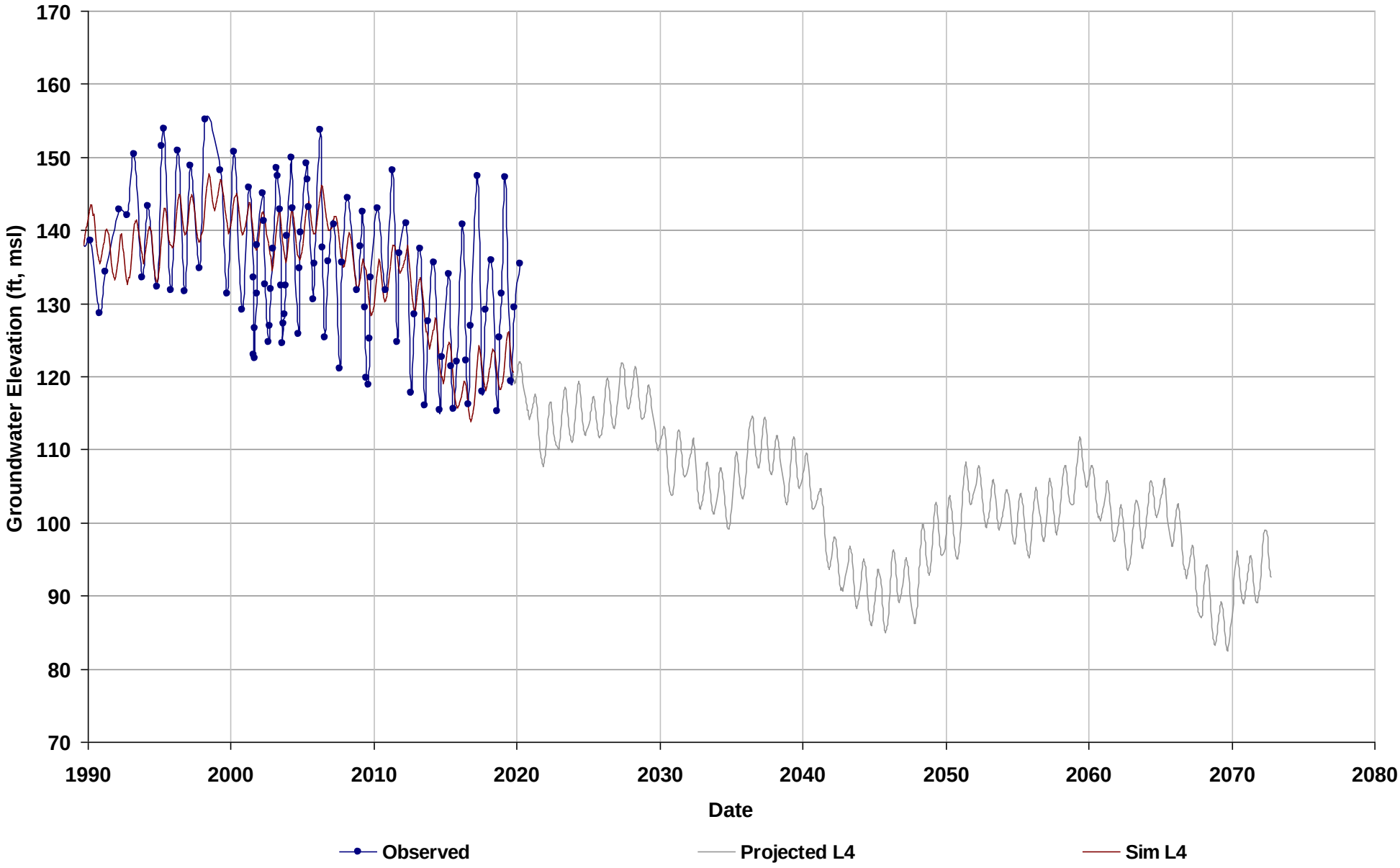
Total Depth (ft): 200
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W11Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 166

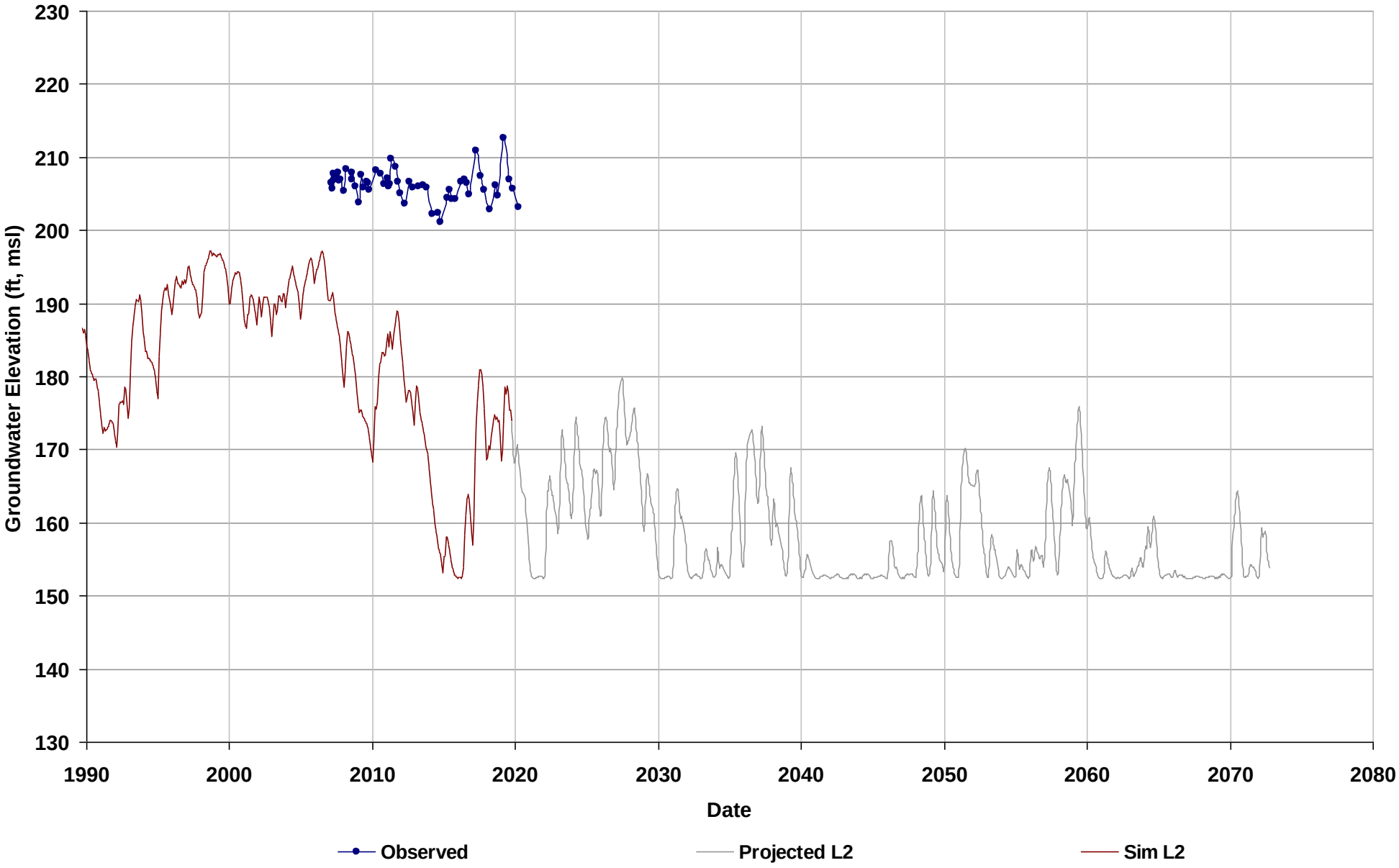
Total Depth (ft):
Perf Top (ft): 12
Perf Bottom (ft): 239
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W18C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

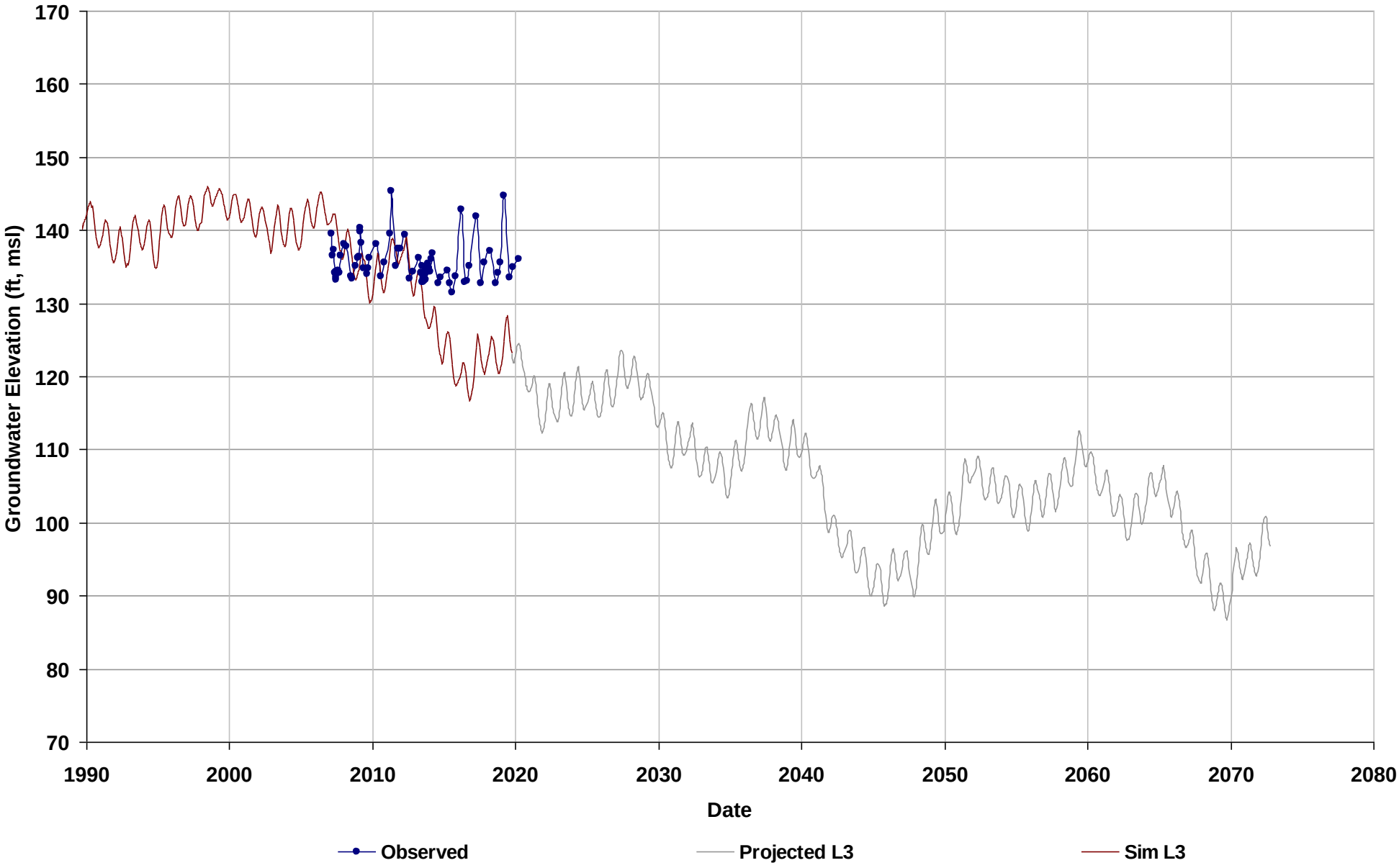
Total Depth (ft): 90
Perf Top (ft): 55
Perf Bottom (ft): 65
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W01N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

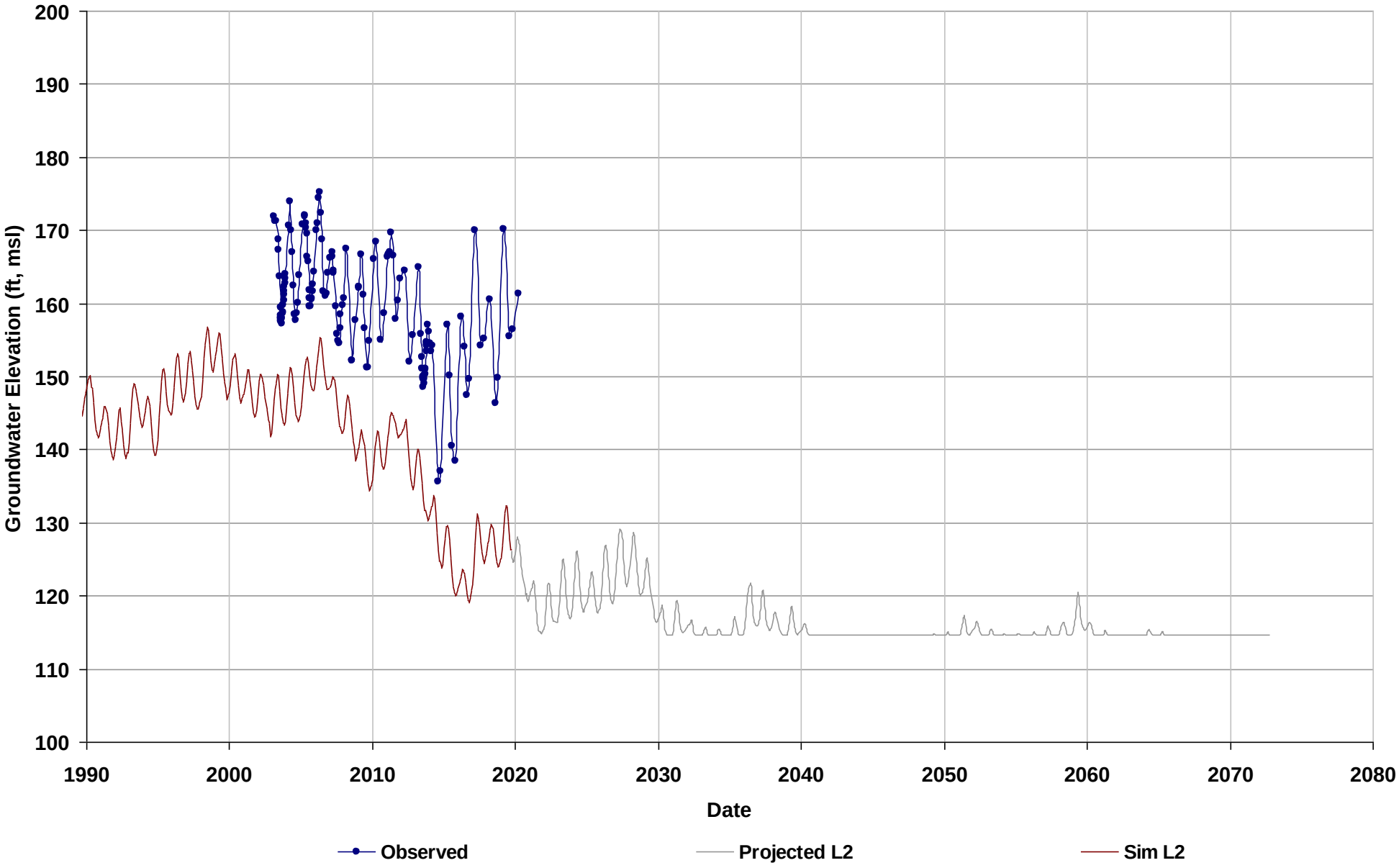
Total Depth (ft): 108
Perf Top (ft): 70
Perf Bottom (ft): 80
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W15C005M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

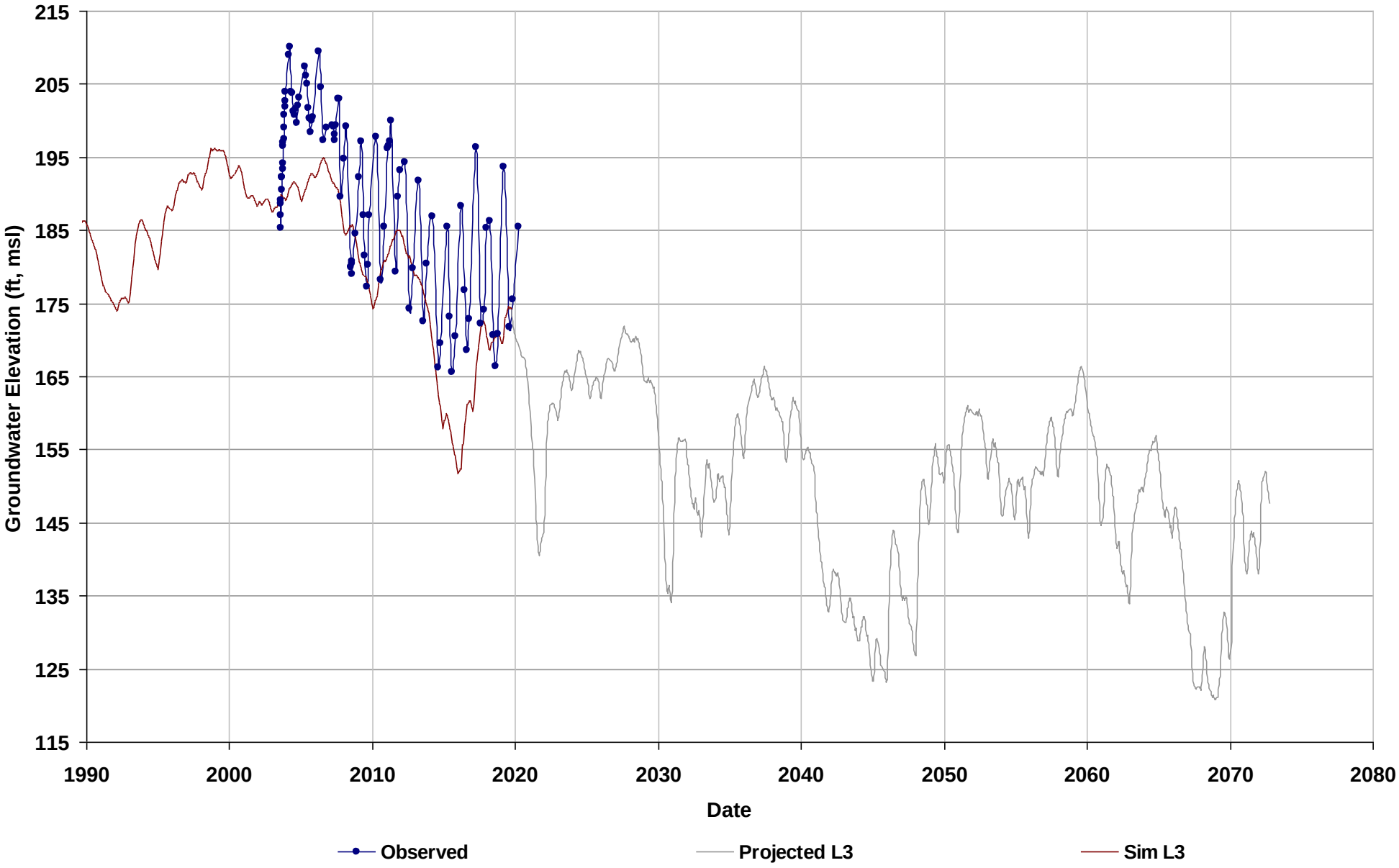
Total Depth (ft): 100
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N03W01R003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

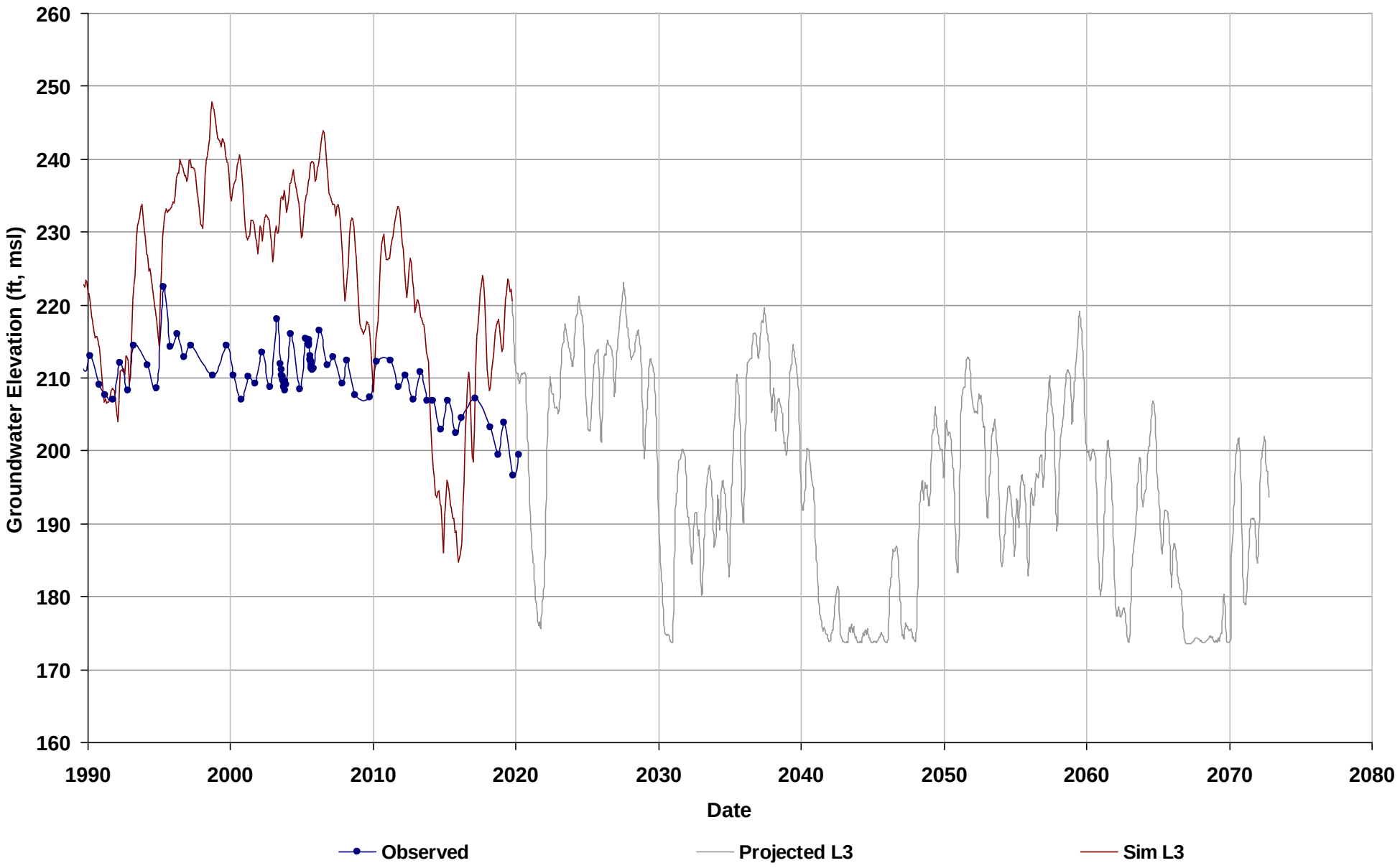
Total Depth (ft): 103
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N03W04E001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 285

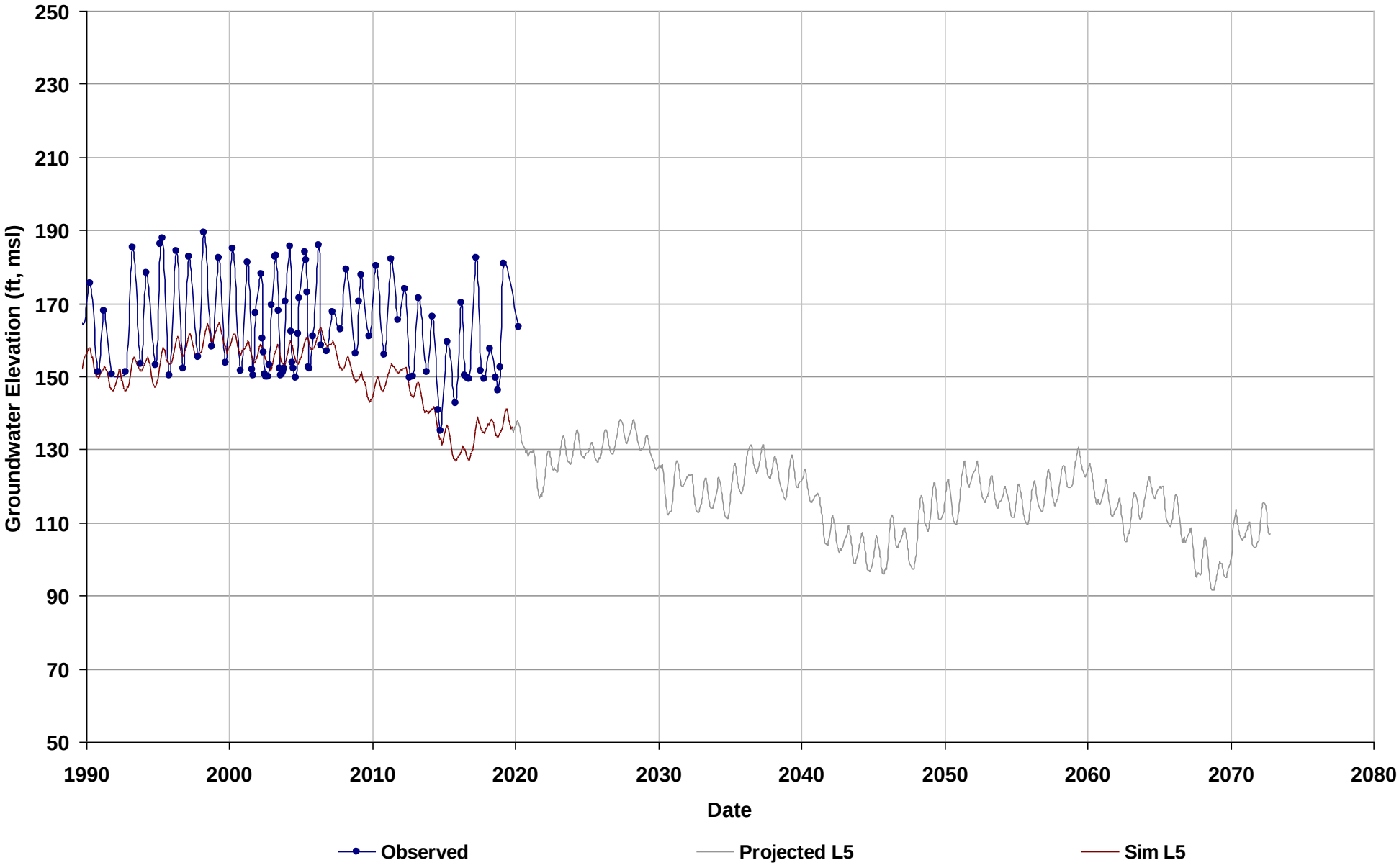
Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 180
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W09L003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 197

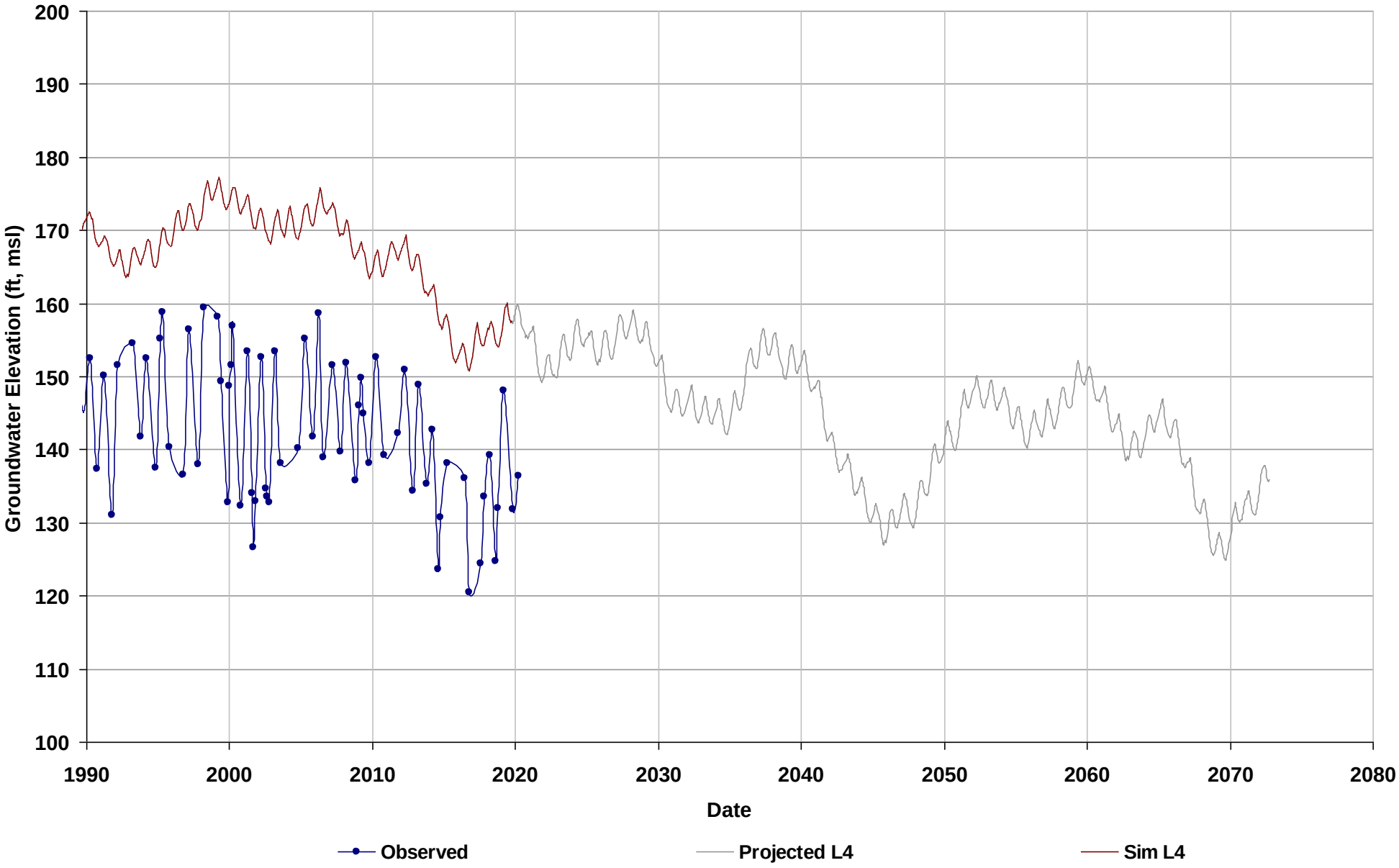
Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 536
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 23N02W16B001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 184

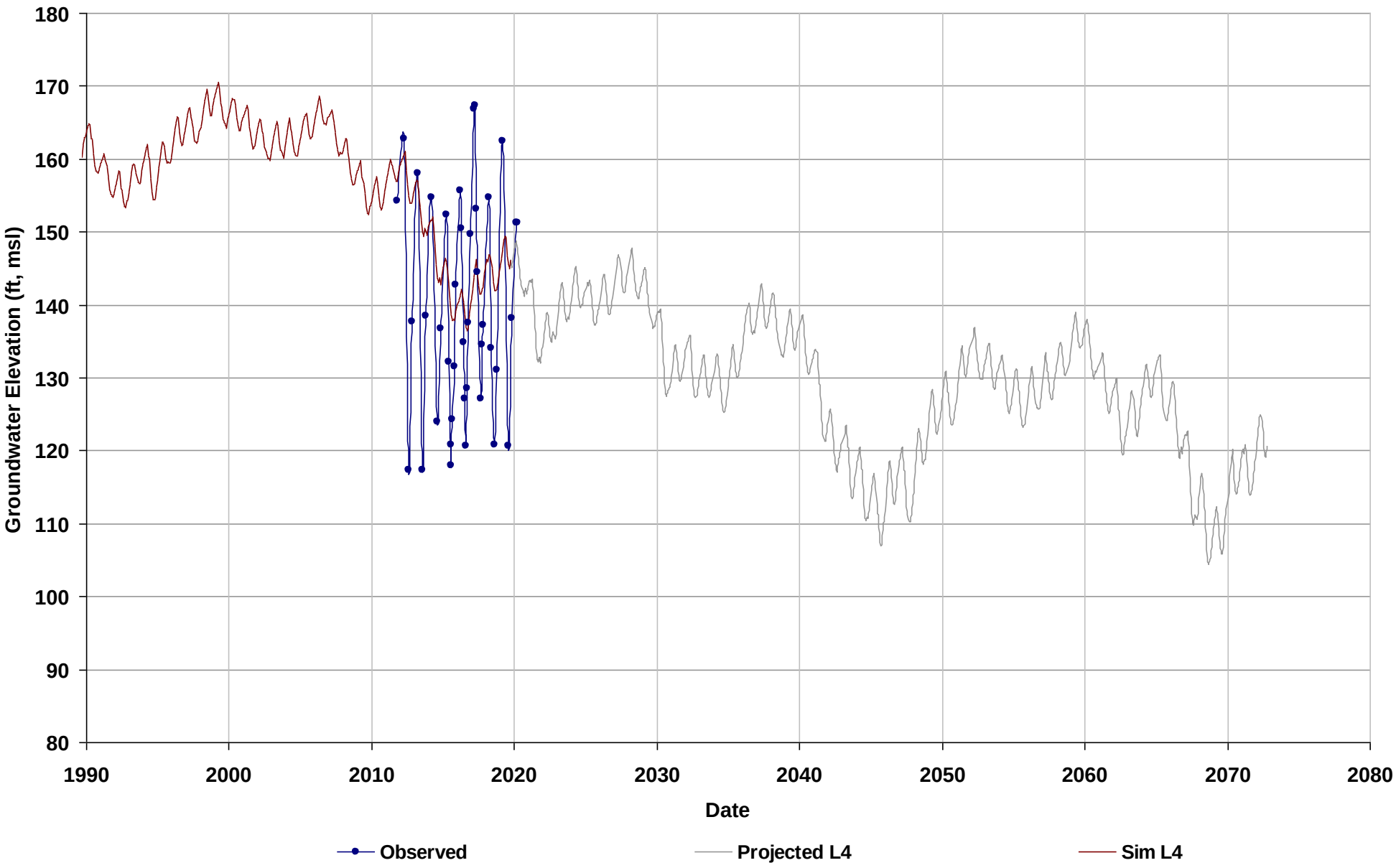
Total Depth (ft): 120
Perf Top (ft): 100
Perf Bottom (ft): 120
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 23N02W28N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 202

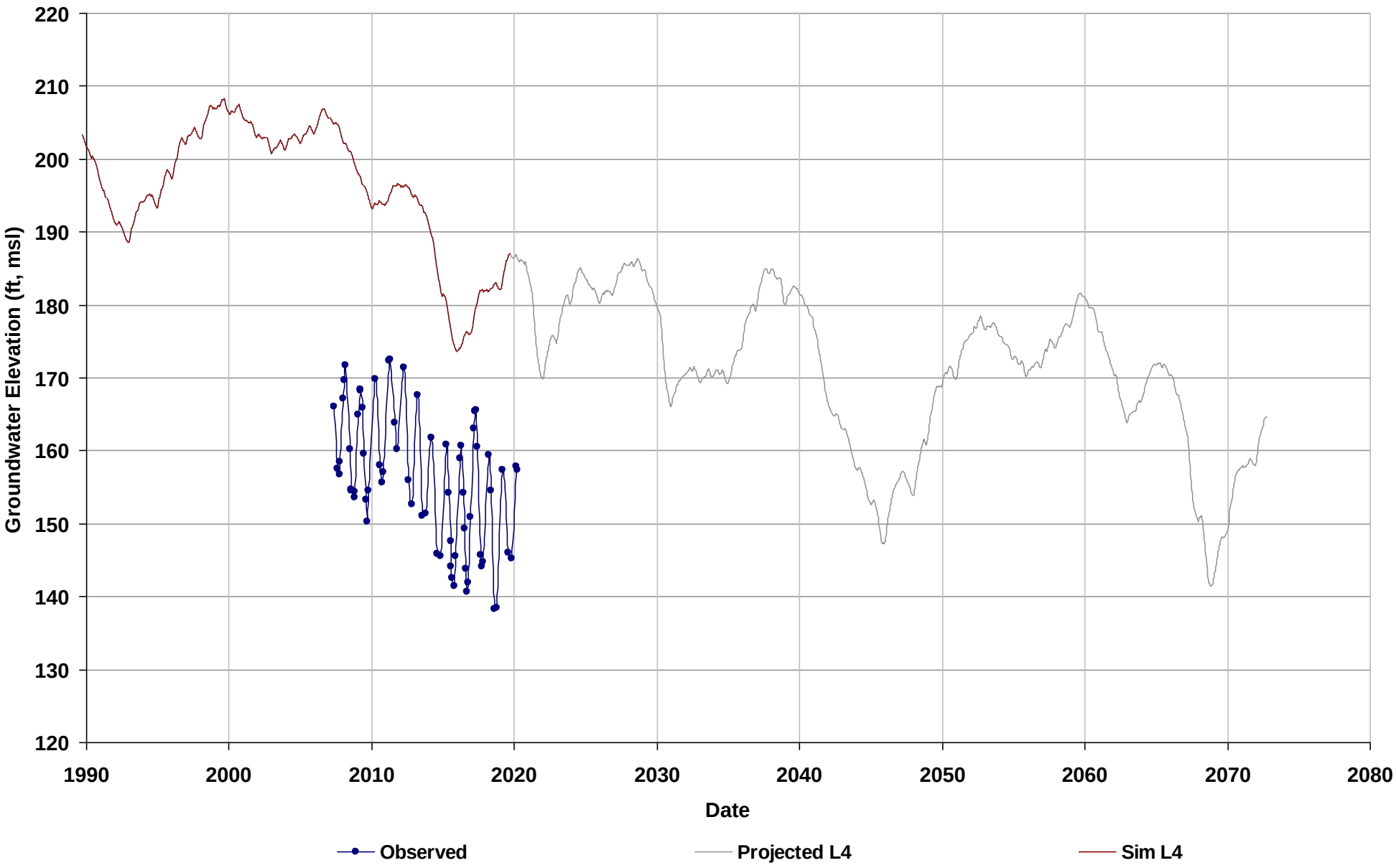
Total Depth (ft): 205
Perf Top (ft): 100
Perf Bottom (ft): 170
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 23N03W13C006M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 213

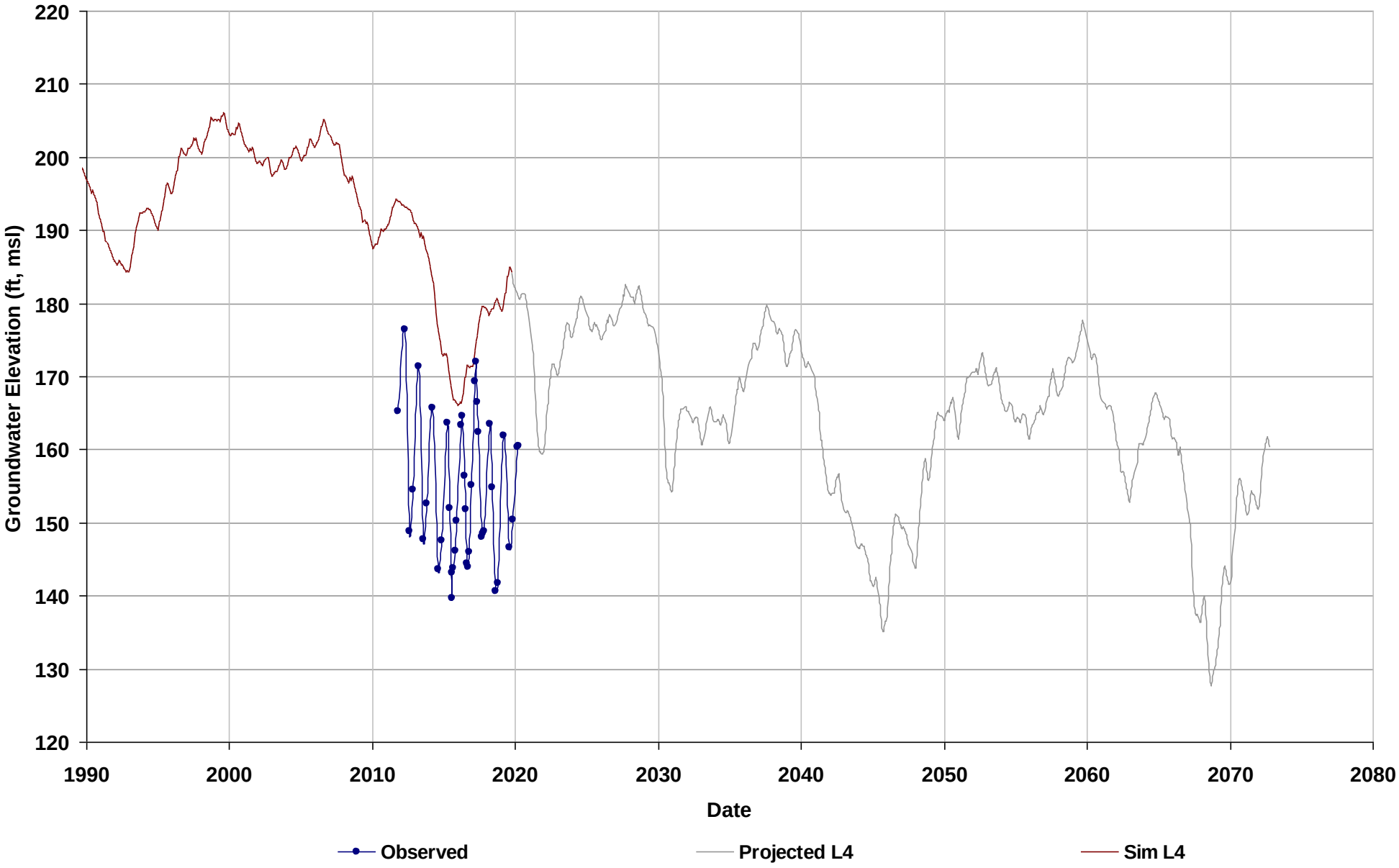
Total Depth (ft): 182
Perf Top (ft): 95
Perf Bottom (ft): 135
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 23N03W25M004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 235

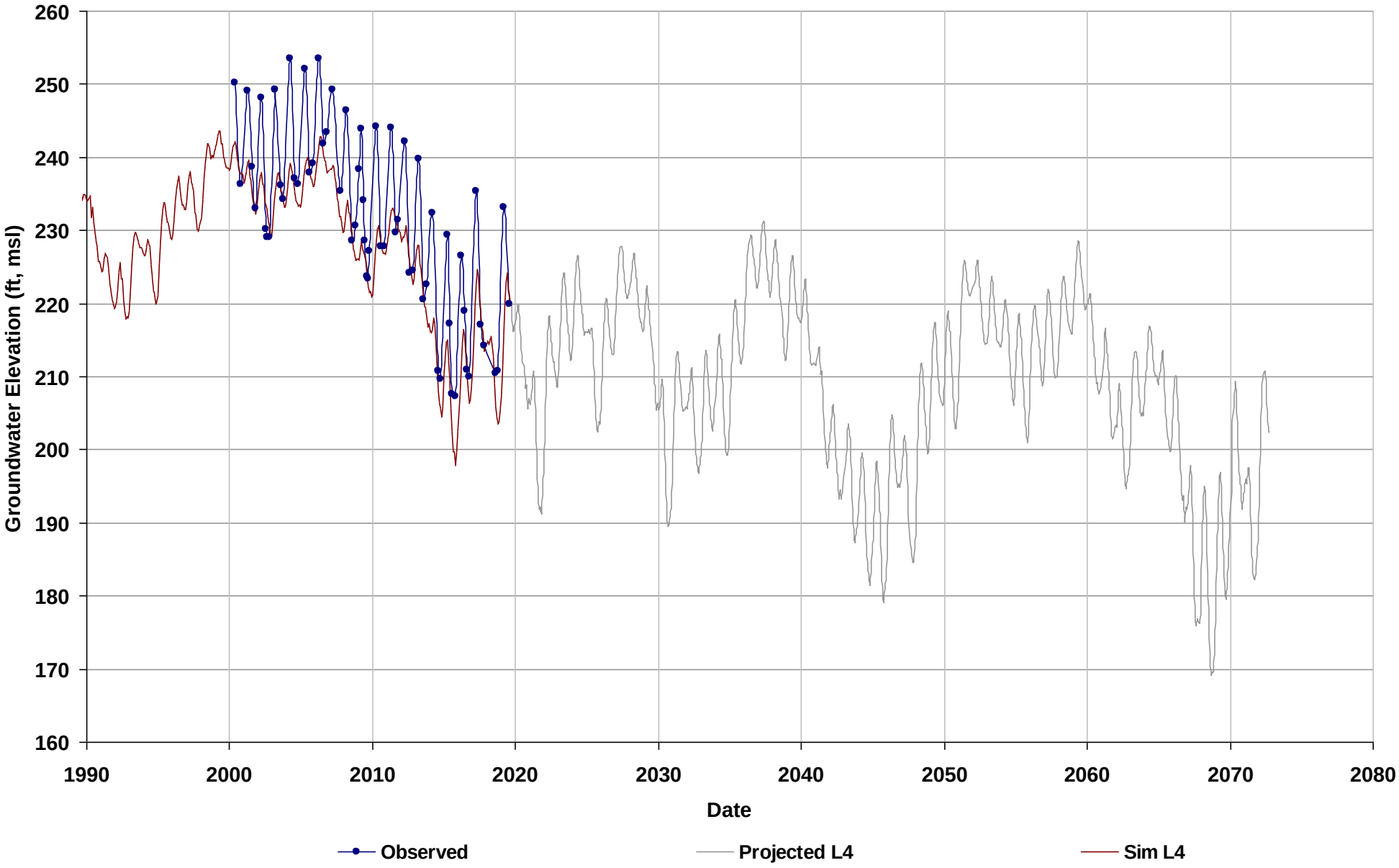
Total Depth (ft): 155
Perf Top (ft): 120
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 24N03W03R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 278

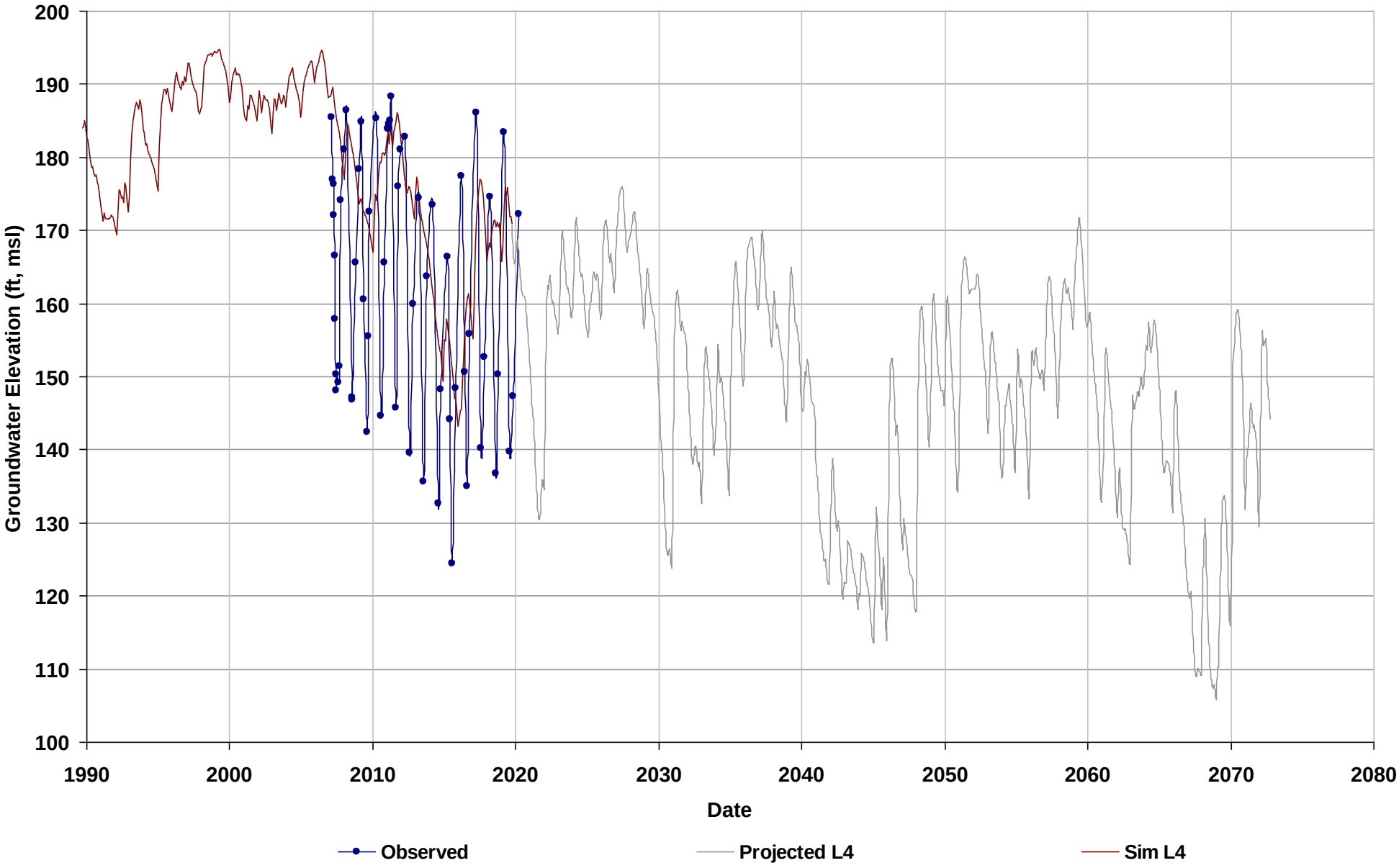
Total Depth (ft): 132
Perf Top (ft): 112
Perf Bottom (ft): 132
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W18C003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

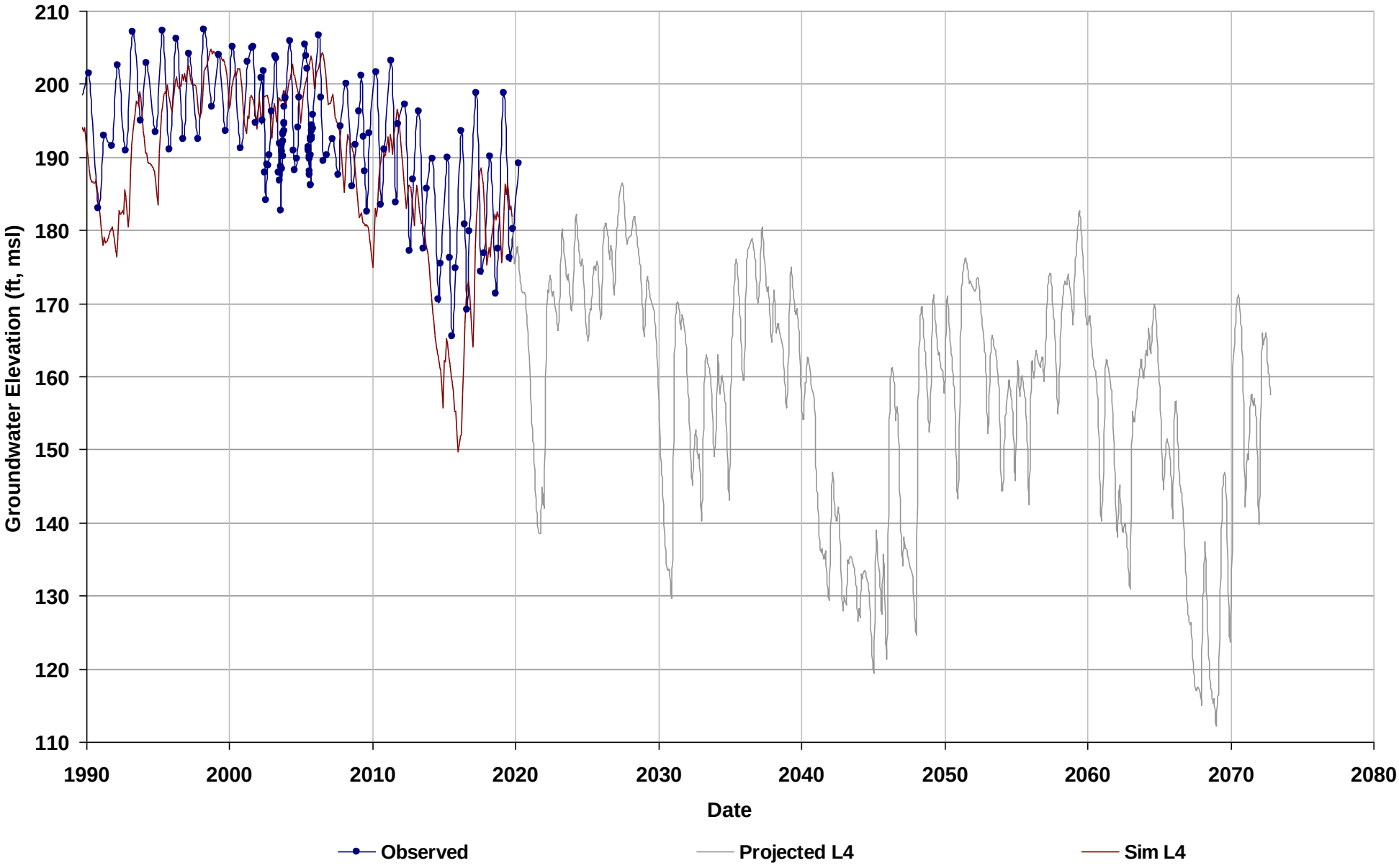
Total Depth (ft): 188
Perf Top (ft): 165
Perf Bottom (ft): 175
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N03W12Q003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 232

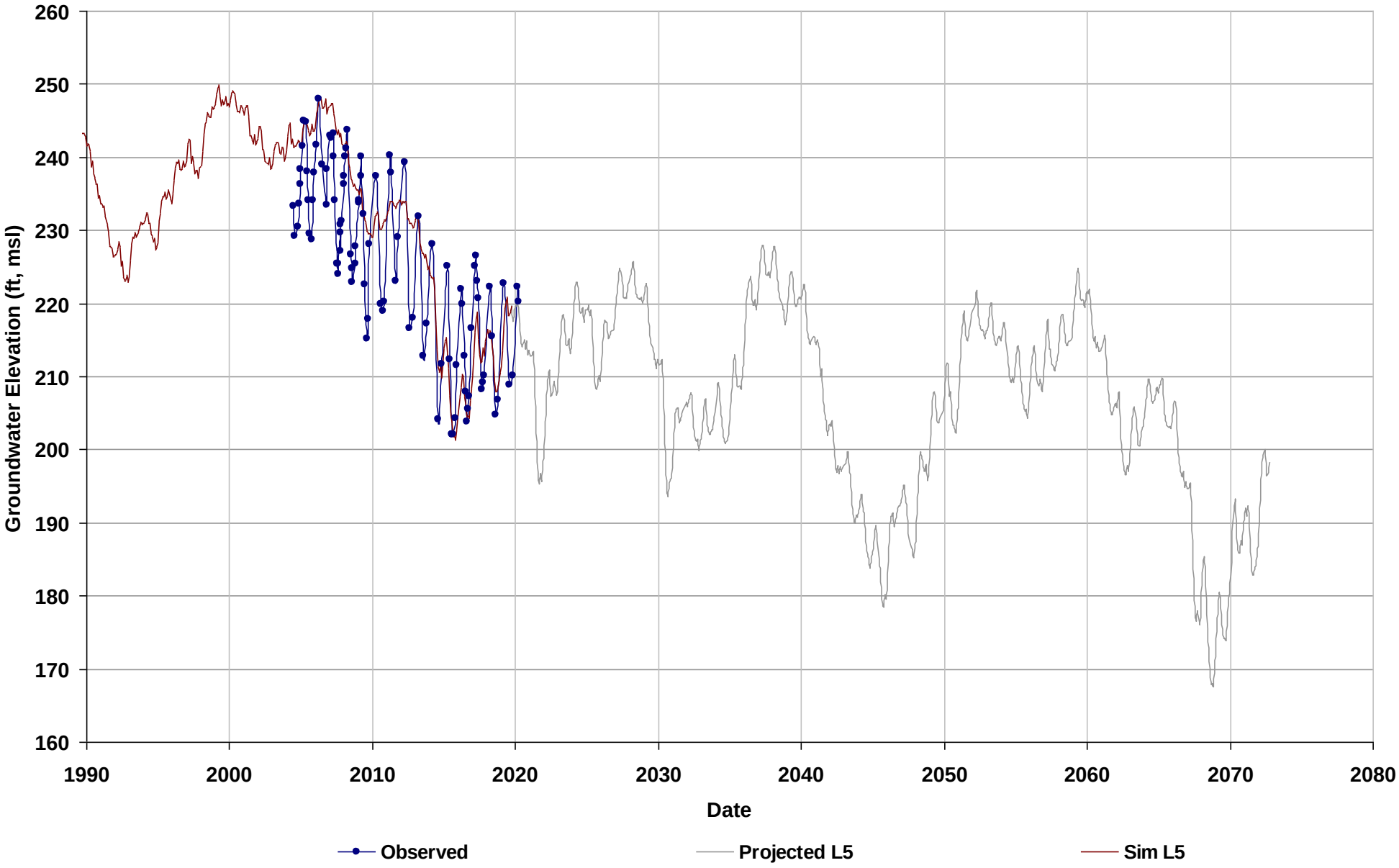
Total Depth (ft):
Perf Top (ft): 112
Perf Bottom (ft): 123
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 24N03W29Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 314

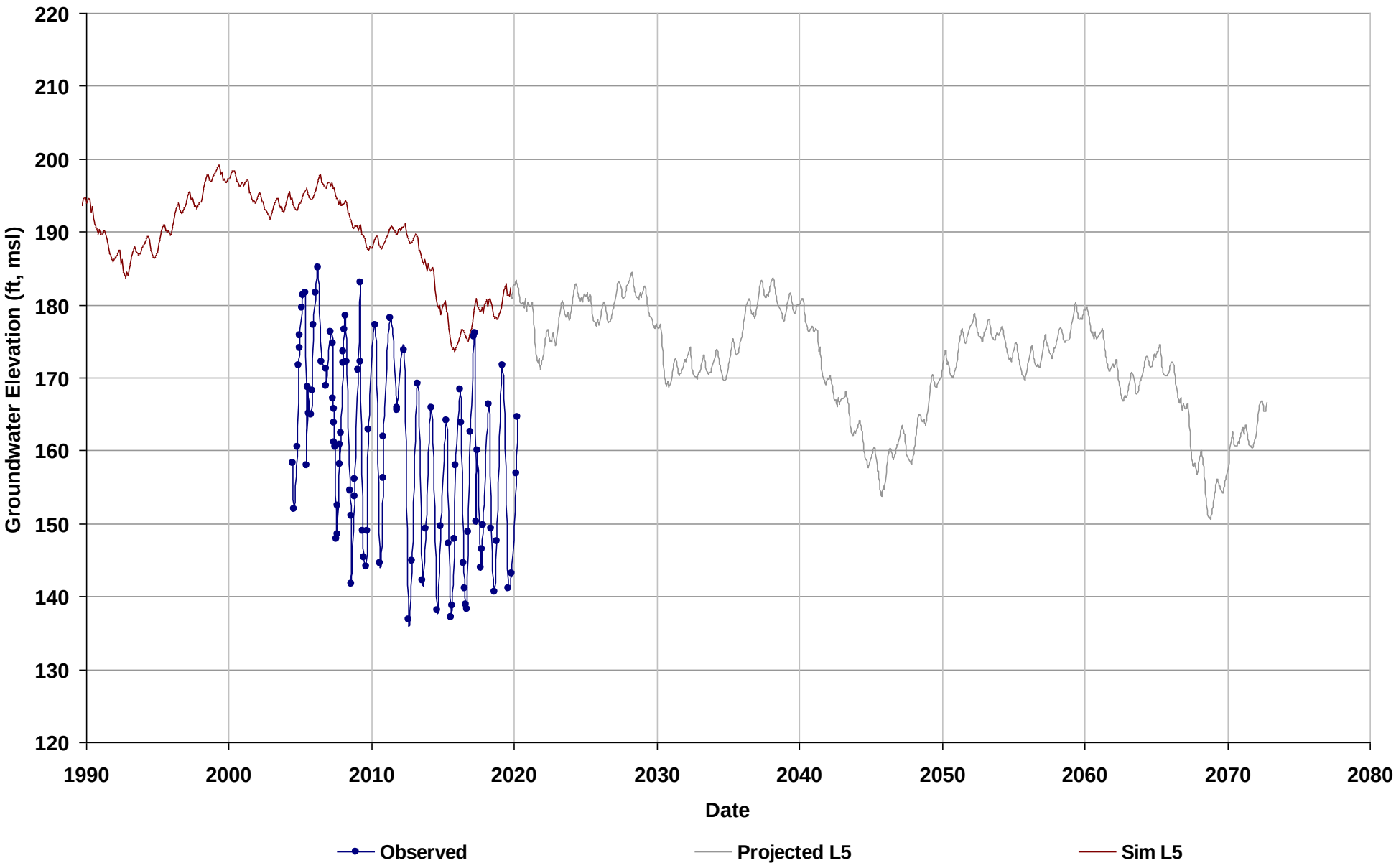
Total Depth (ft): 372
Perf Top (ft): 130
Perf Bottom (ft): 360
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 24N02W29N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 212

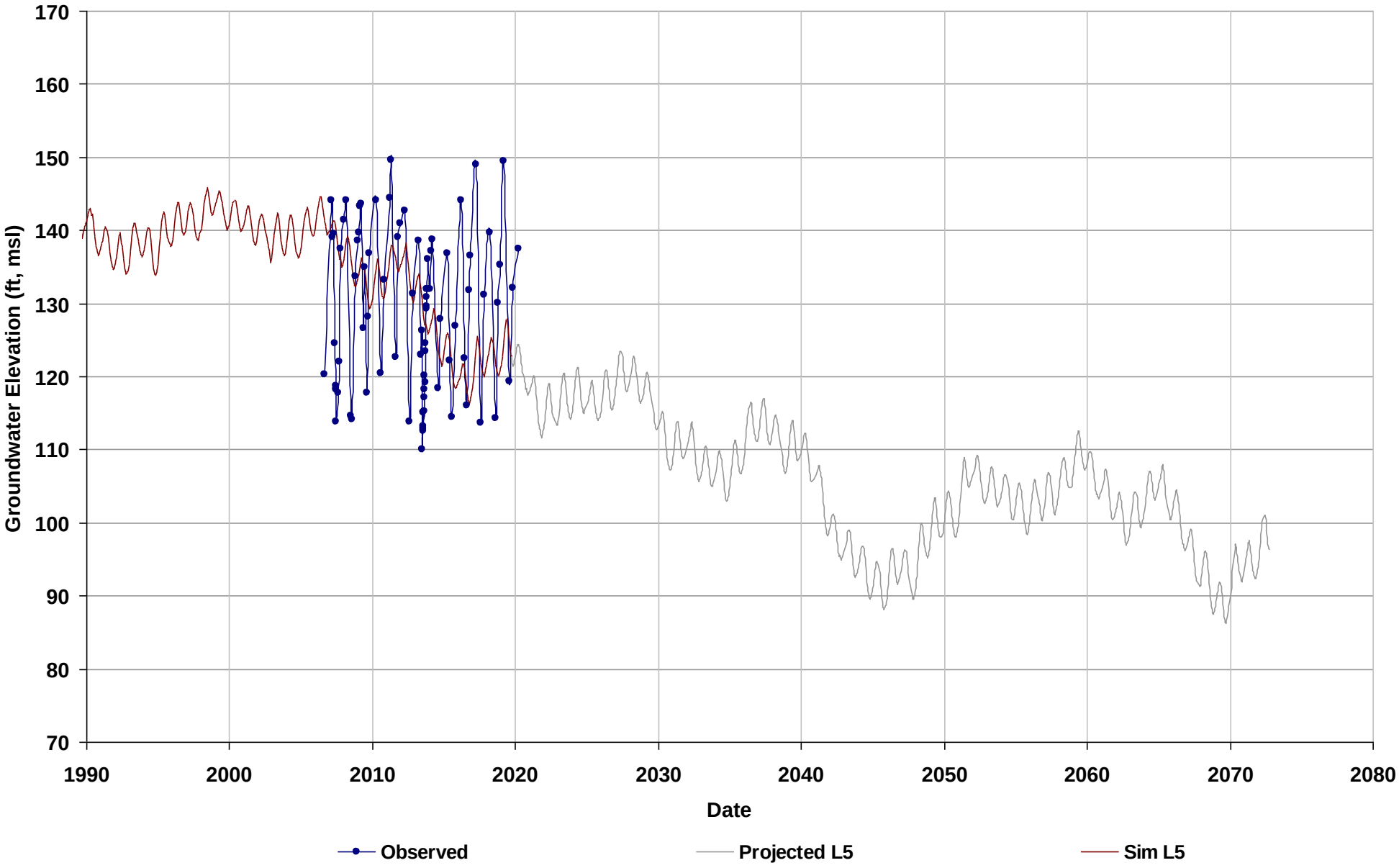
Total Depth (ft): 388
Perf Top (ft): 200
Perf Bottom (ft): 290
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W01N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

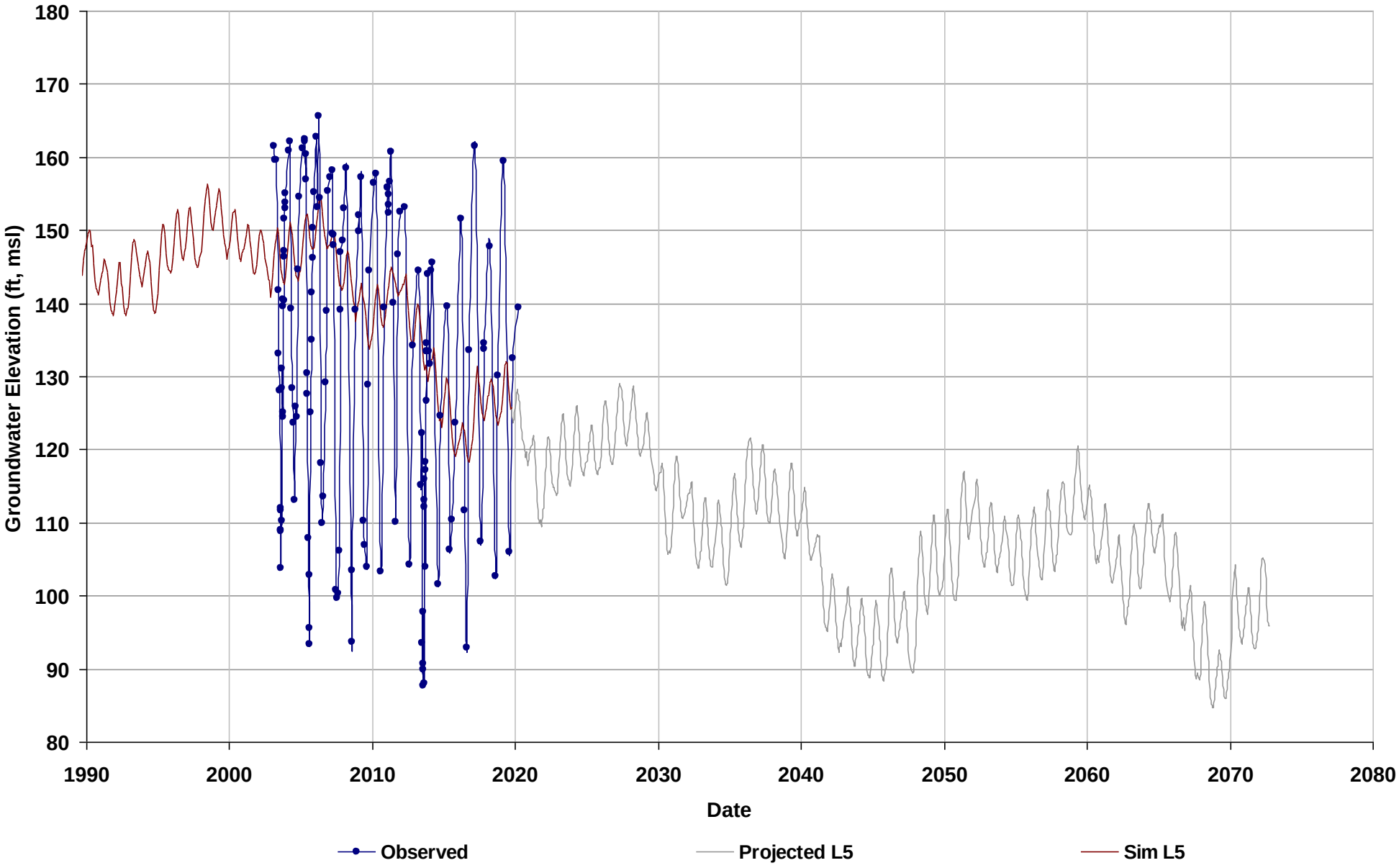
Total Depth (ft): 440
Perf Top (ft): 210
Perf Bottom (ft): 370
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W15C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

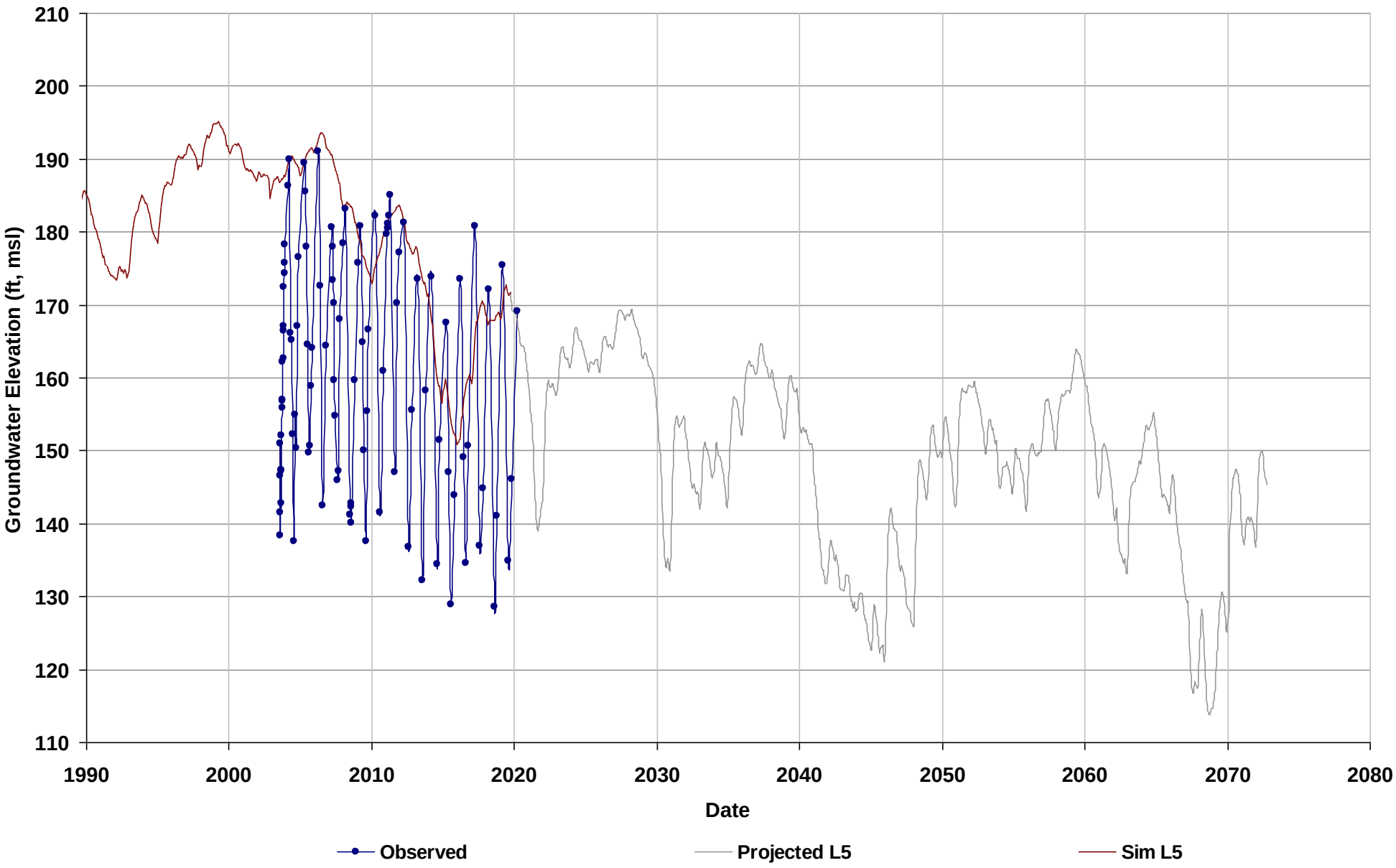
Total Depth (ft): 258
Perf Top (ft): 210
Perf Bottom (ft): 220
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N03W01R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

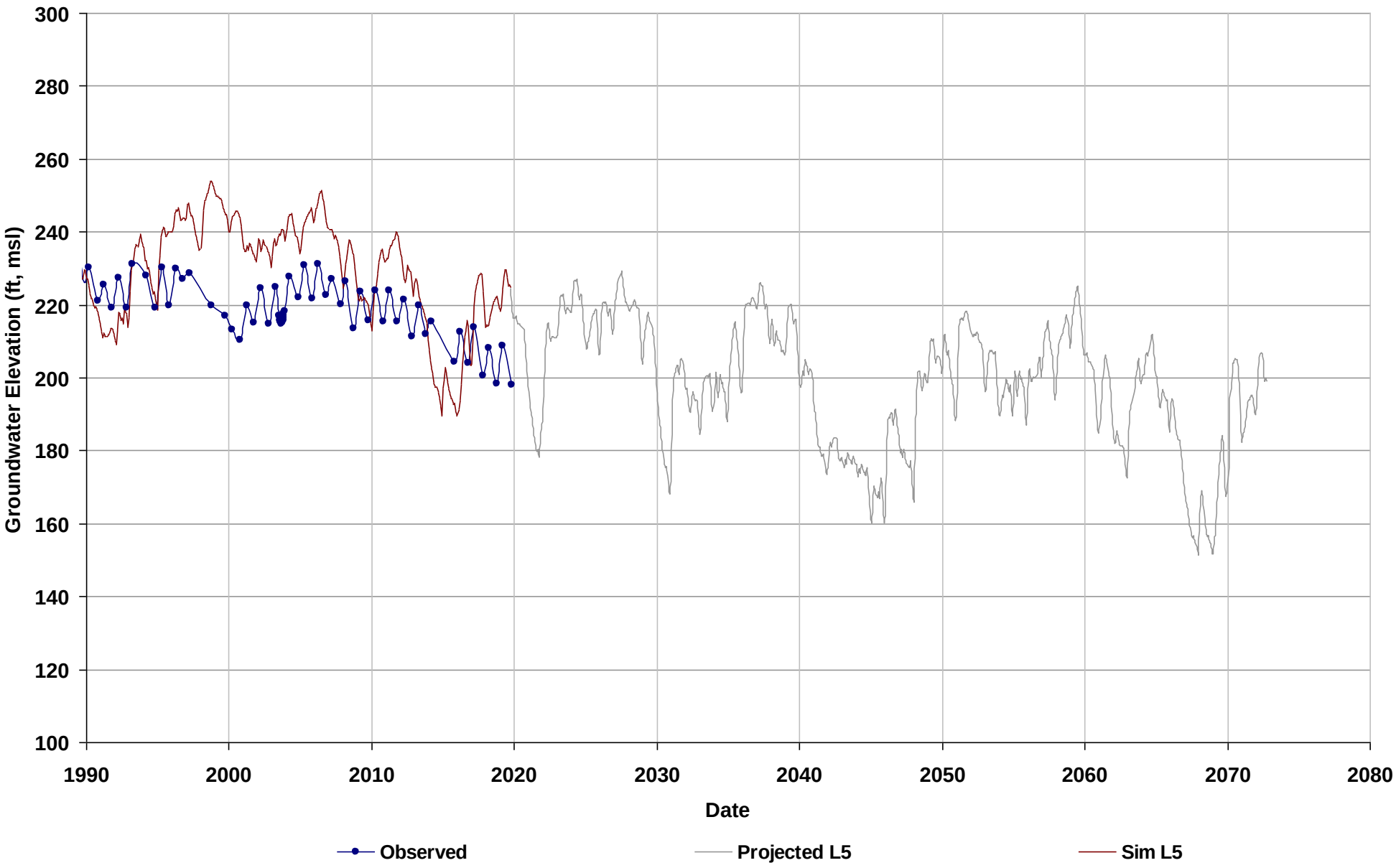
Total Depth (ft): 314
Perf Top (ft): 270
Perf Bottom (ft): 280
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N03W05F002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 297

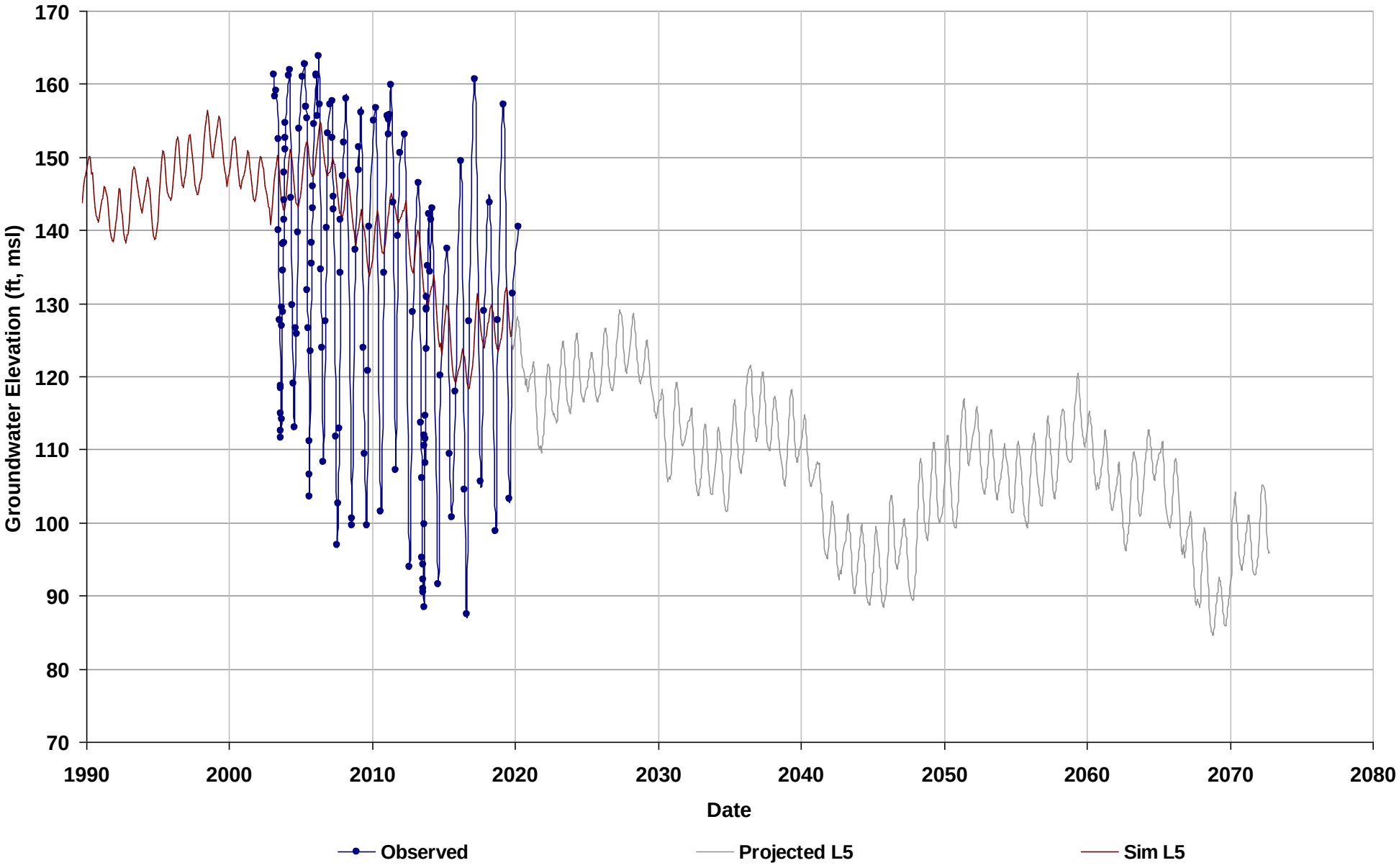
Total Depth (ft):
Perf Top (ft): 188
Perf Bottom (ft): 218
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W15C003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 189

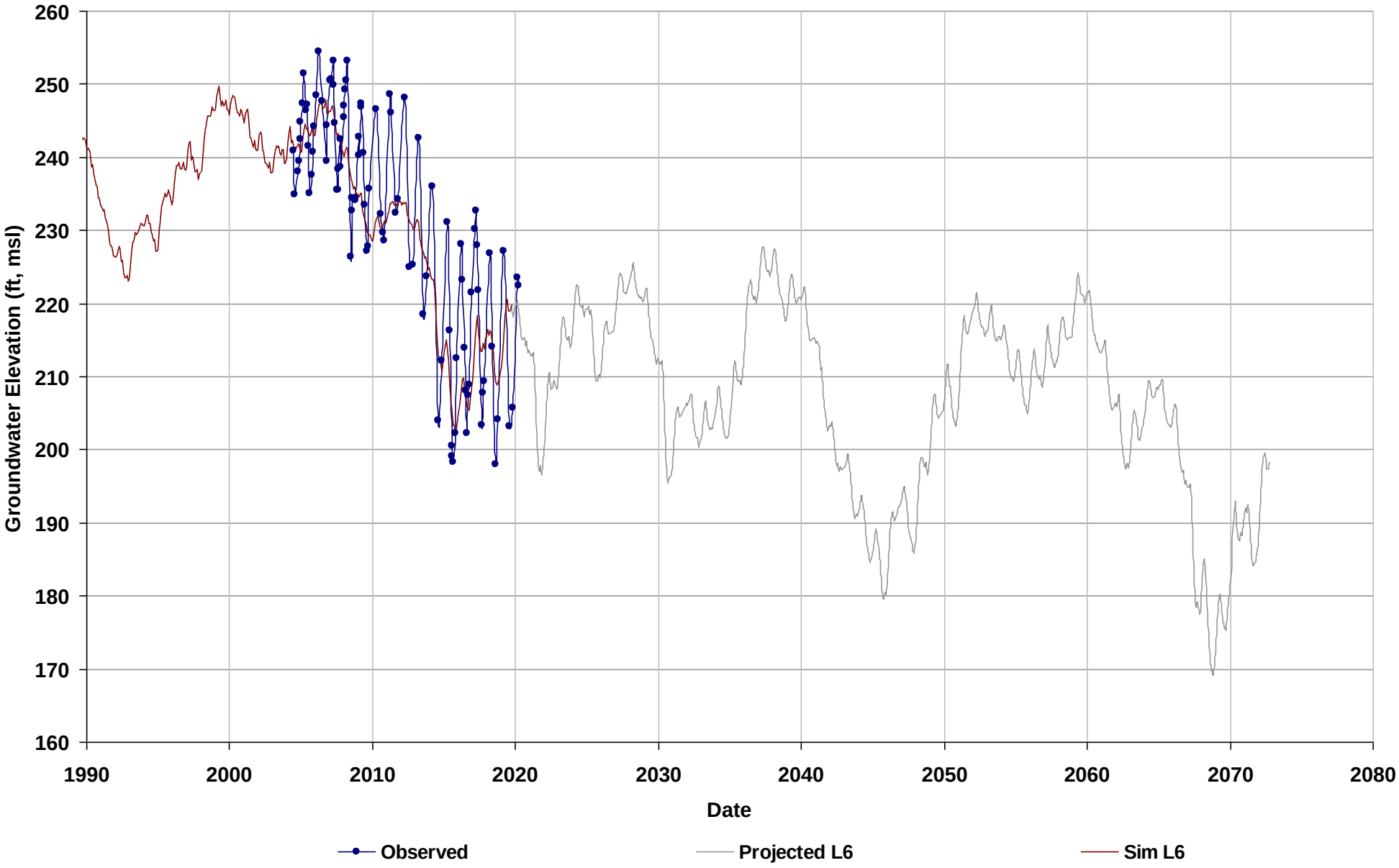
Total Depth (ft): 422
Perf Top (ft): 370
Perf Bottom (ft): 380
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 24N03W29Q002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

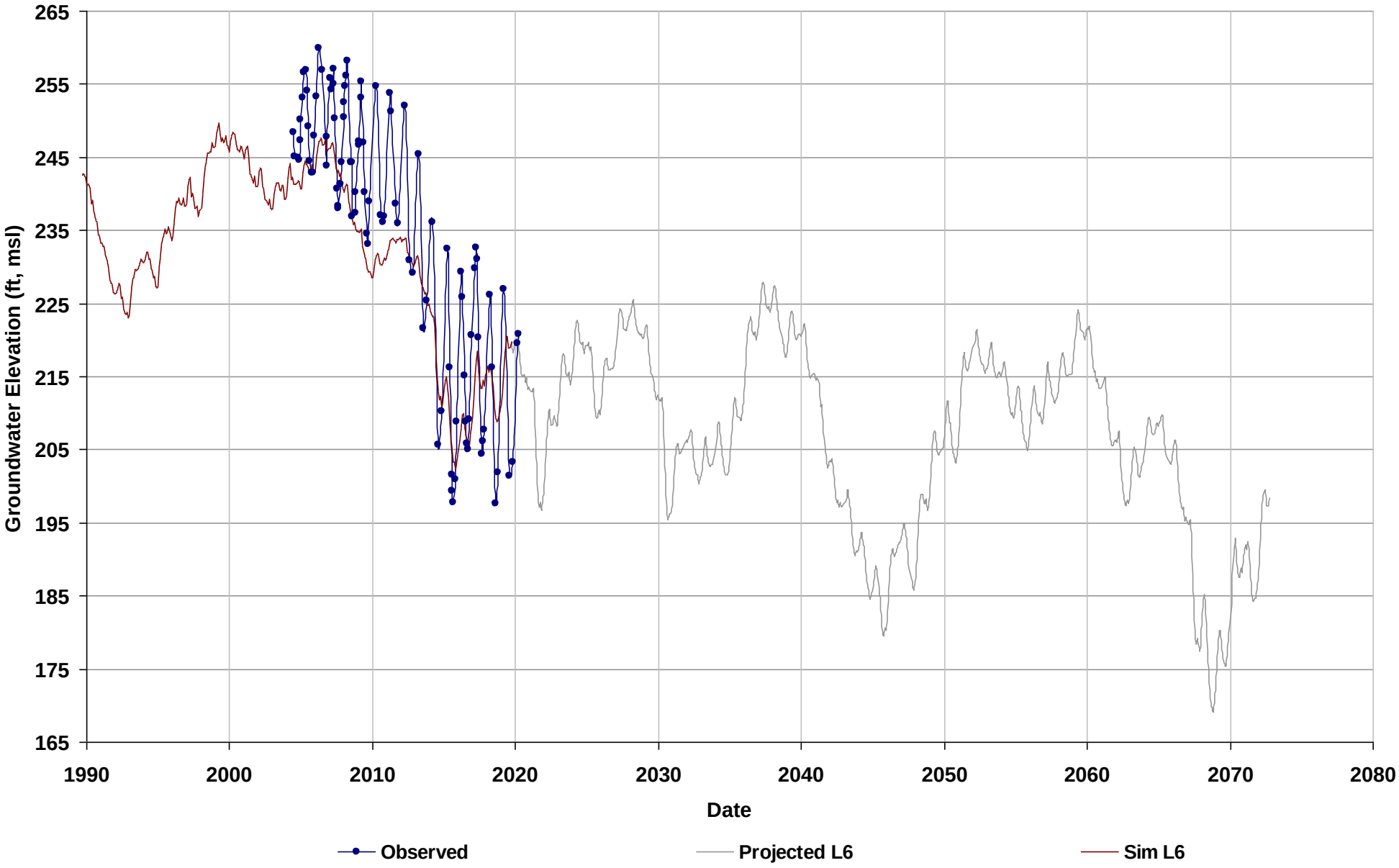
Total Depth (ft): 575
Perf Top (ft): 490
Perf Bottom (ft): 550
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 24N03W29Q003M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

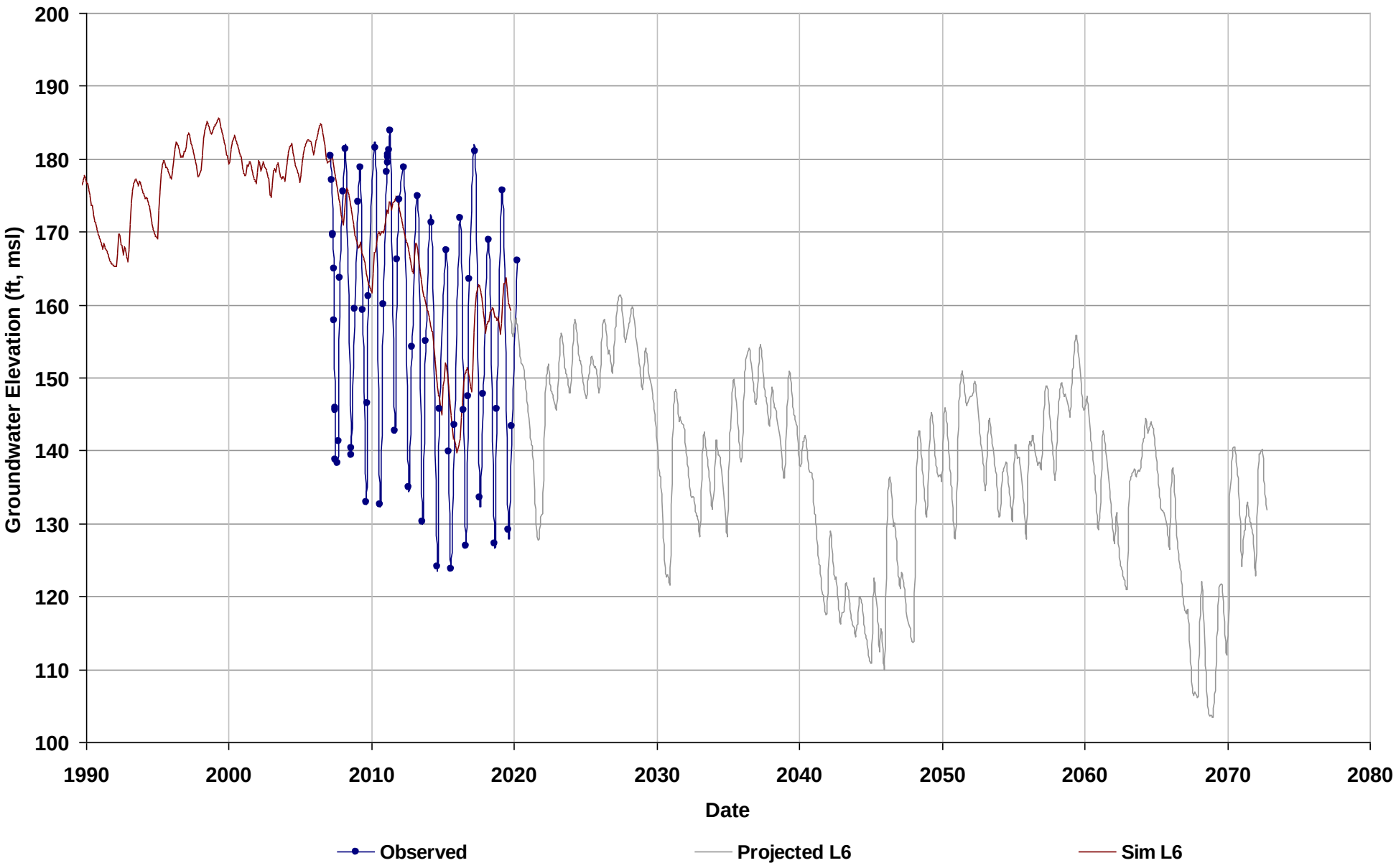
Total Depth (ft): 844
Perf Top (ft): 650
Perf Bottom (ft): 710
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W18C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

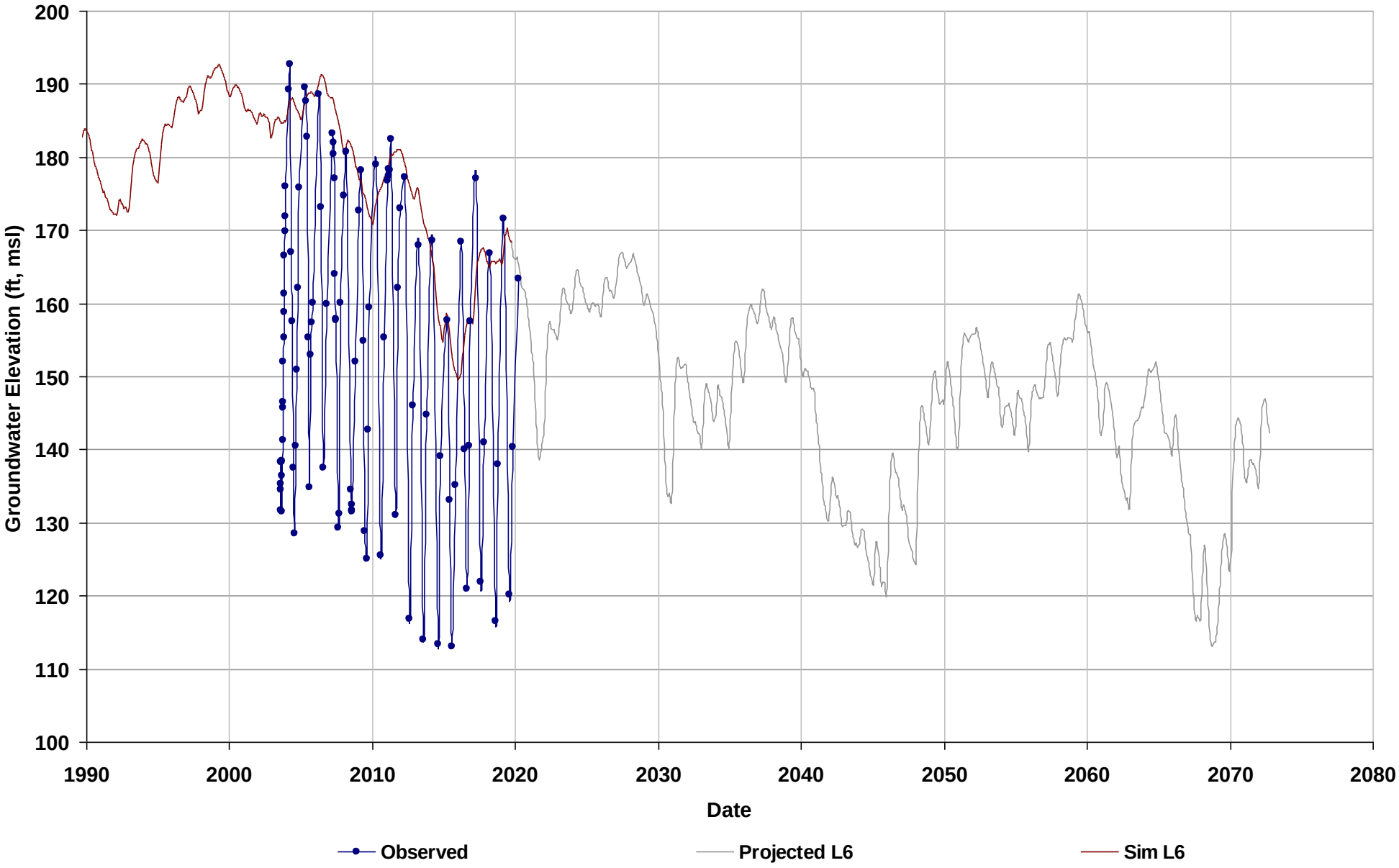
Total Depth (ft): 482
Perf Top (ft): 414
Perf Bottom (ft): 434
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N03W01R001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 226

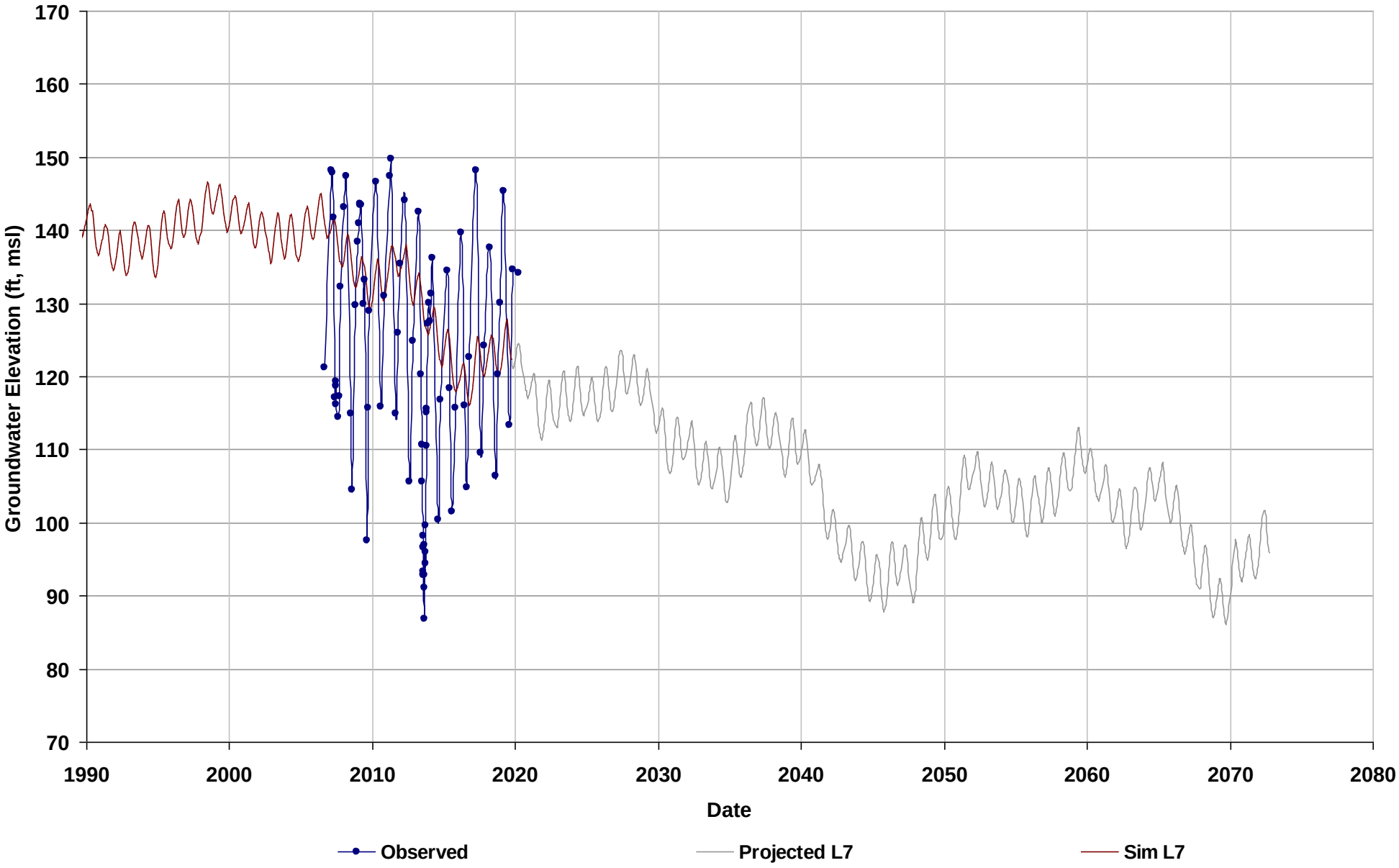
Total Depth (ft): 515
Perf Top (ft): 470
Perf Bottom (ft): 480
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W01N002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

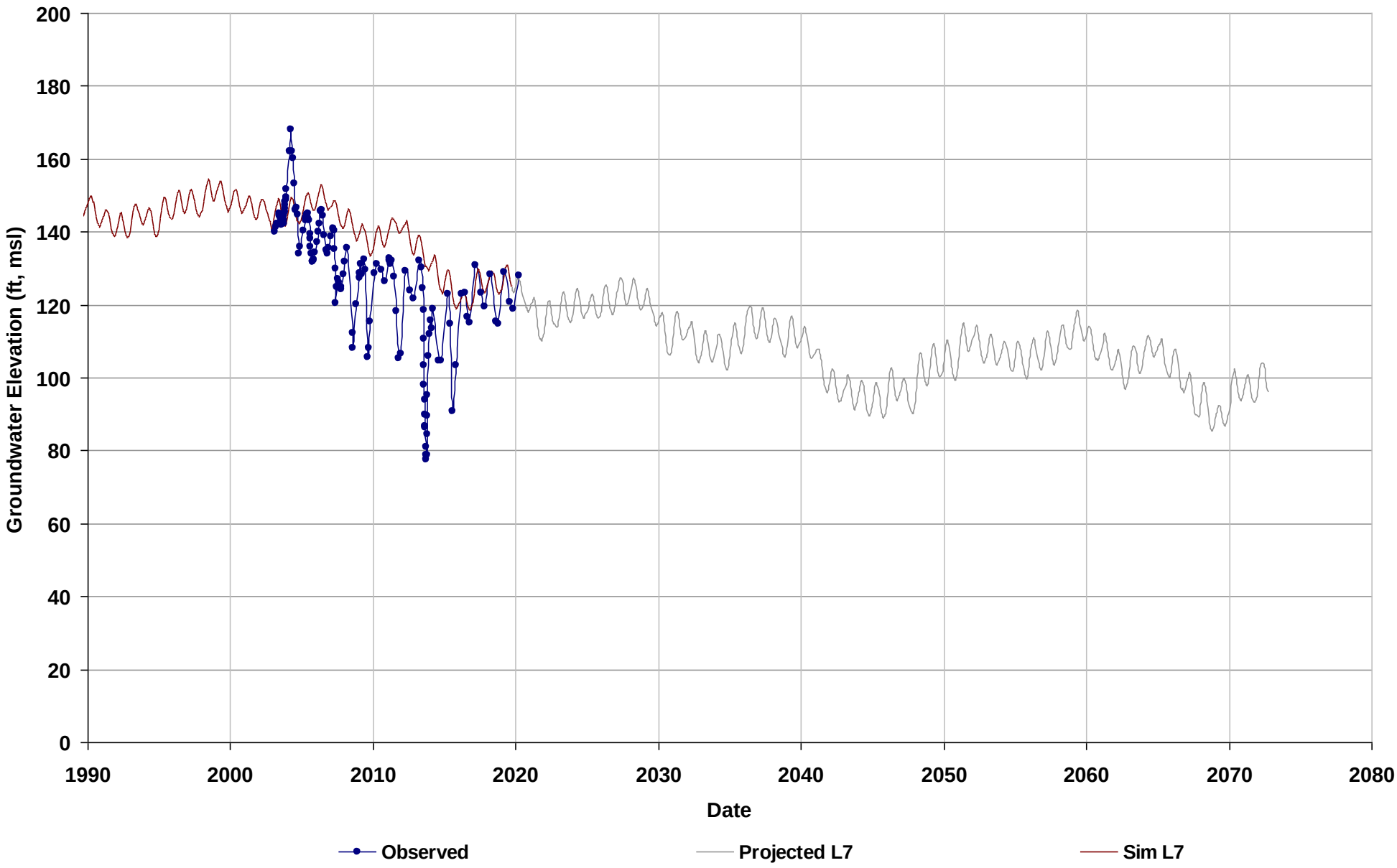
Total Depth (ft): 730
Perf Top (ft): 700
Perf Bottom (ft): 710
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W15C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 189

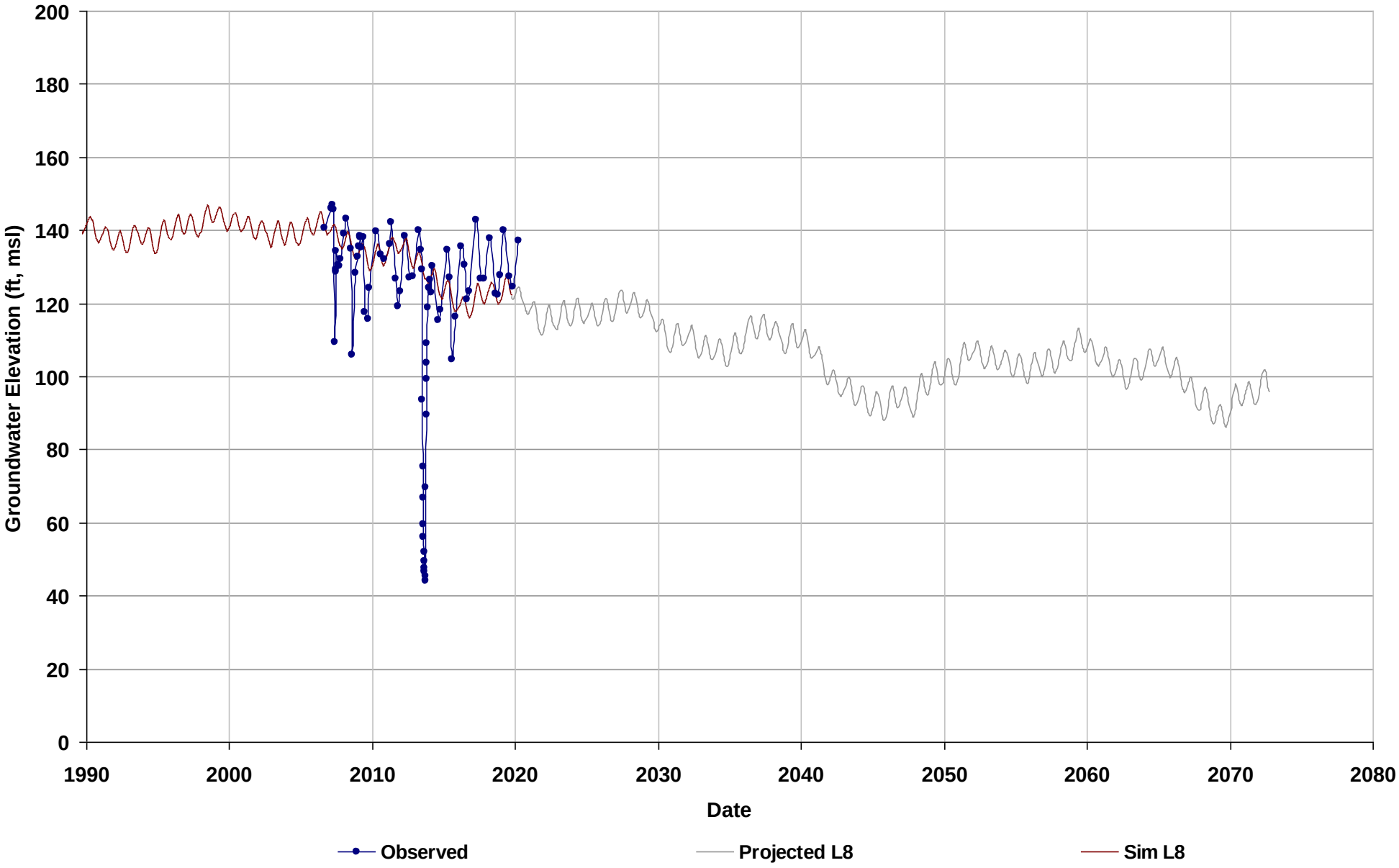
Total Depth (ft): 825
Perf Top (ft): 760
Perf Bottom (ft): 781
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W01N001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

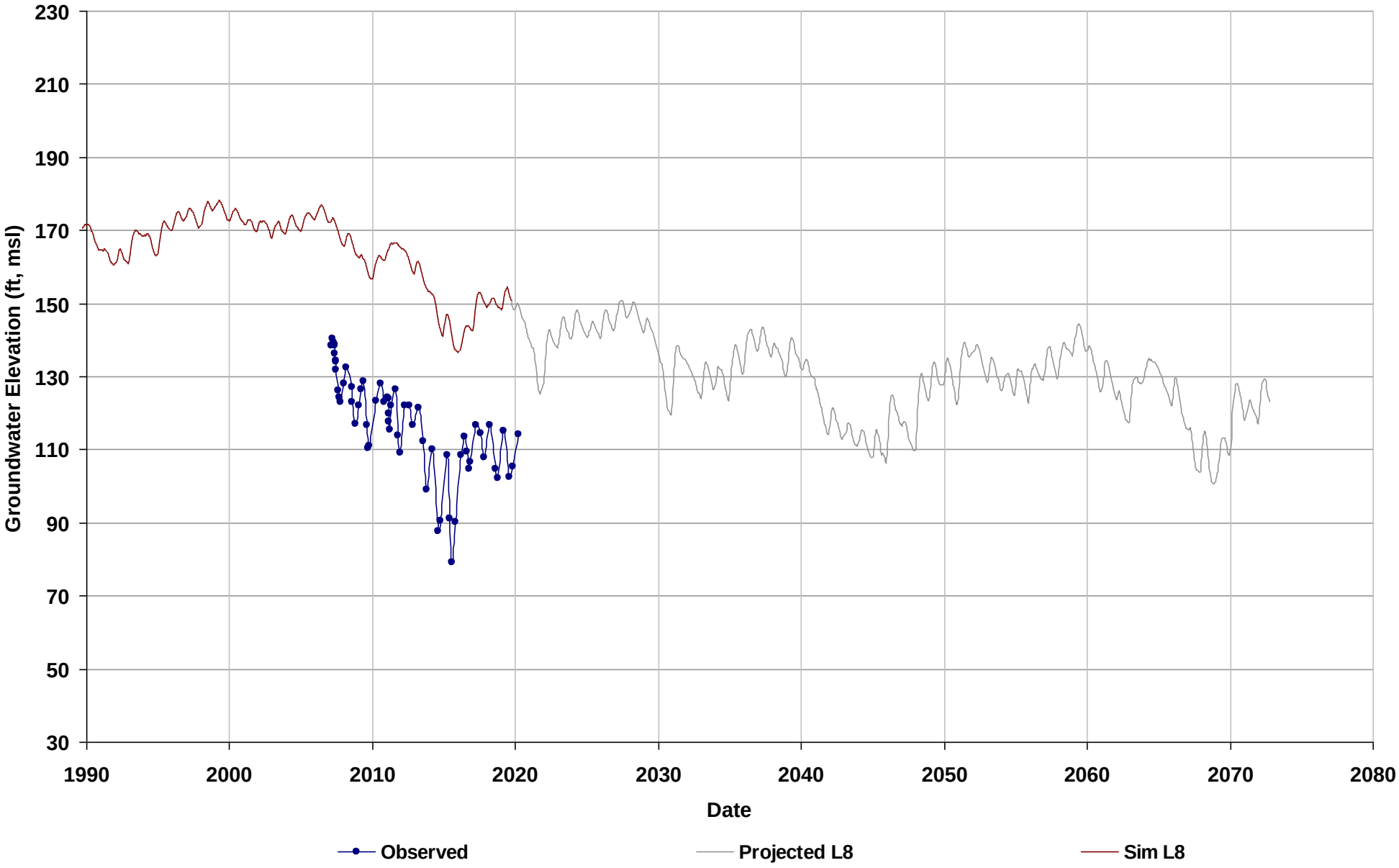
Total Depth (ft): 1100
Perf Top (ft): 810
Perf Bottom (ft): 1050
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 22N02W18C001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

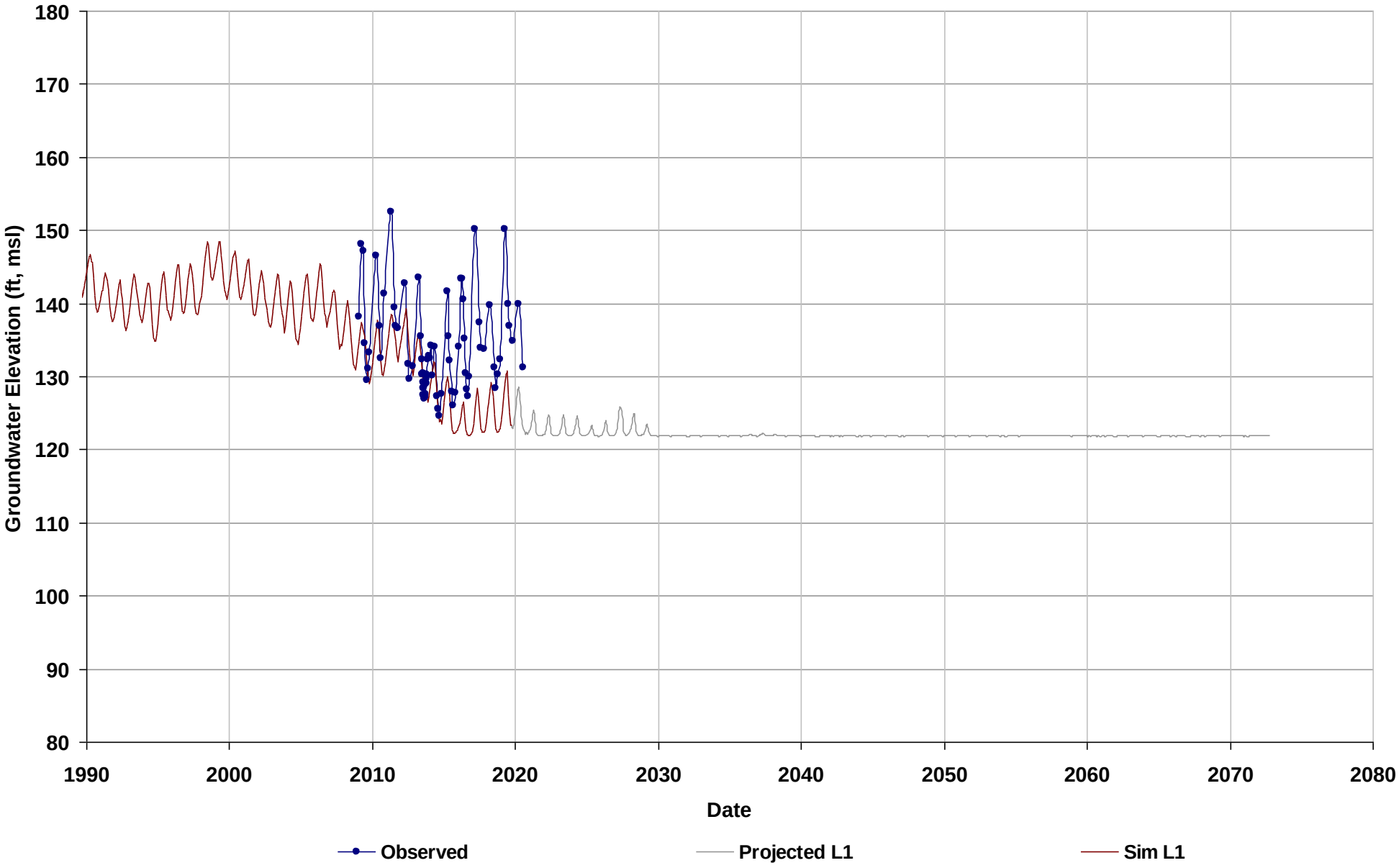
Total Depth (ft): 1062
Perf Top (ft): 841
Perf Bottom (ft): 1029
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 23N01W28M005M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 159

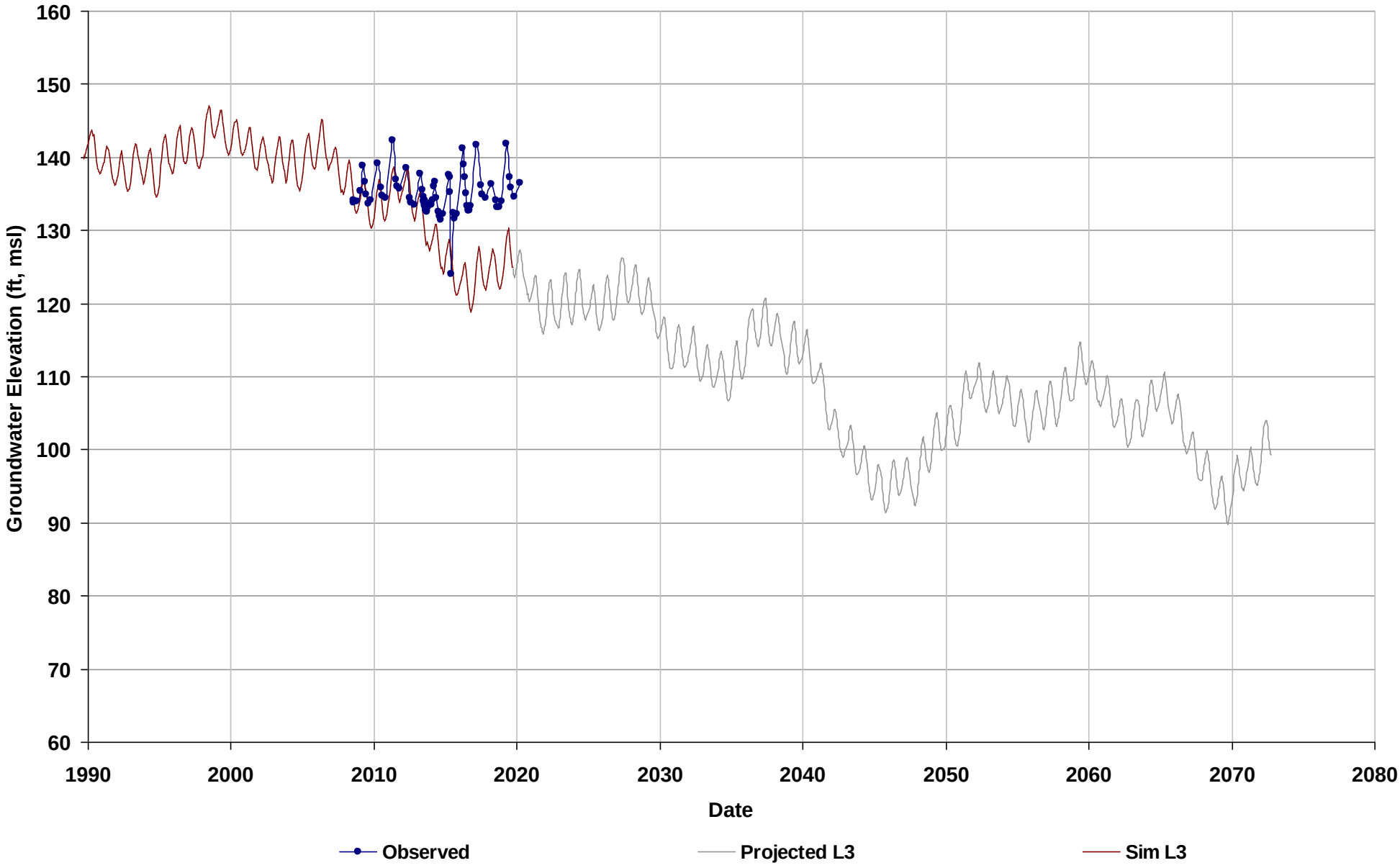
Total Depth (ft): 72
Perf Top (ft): 30
Perf Bottom (ft): 50
Top Model Layer: 1
Bottom Model Layer: 1



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 23N01W31M004M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

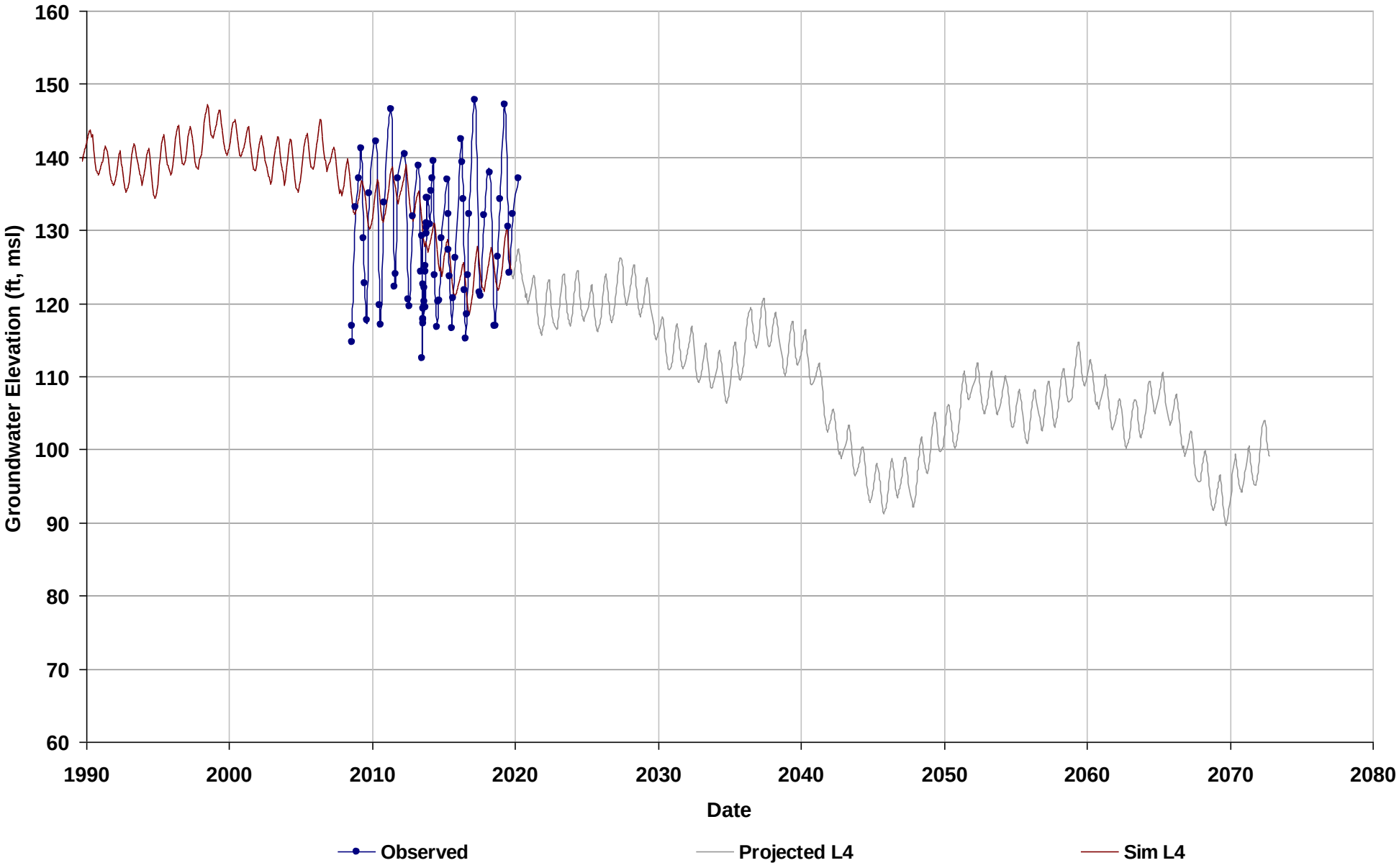
Total Depth (ft): 106
Perf Top (ft): 65.5
Perf Bottom (ft): 75.5
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 23N01W31M003M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

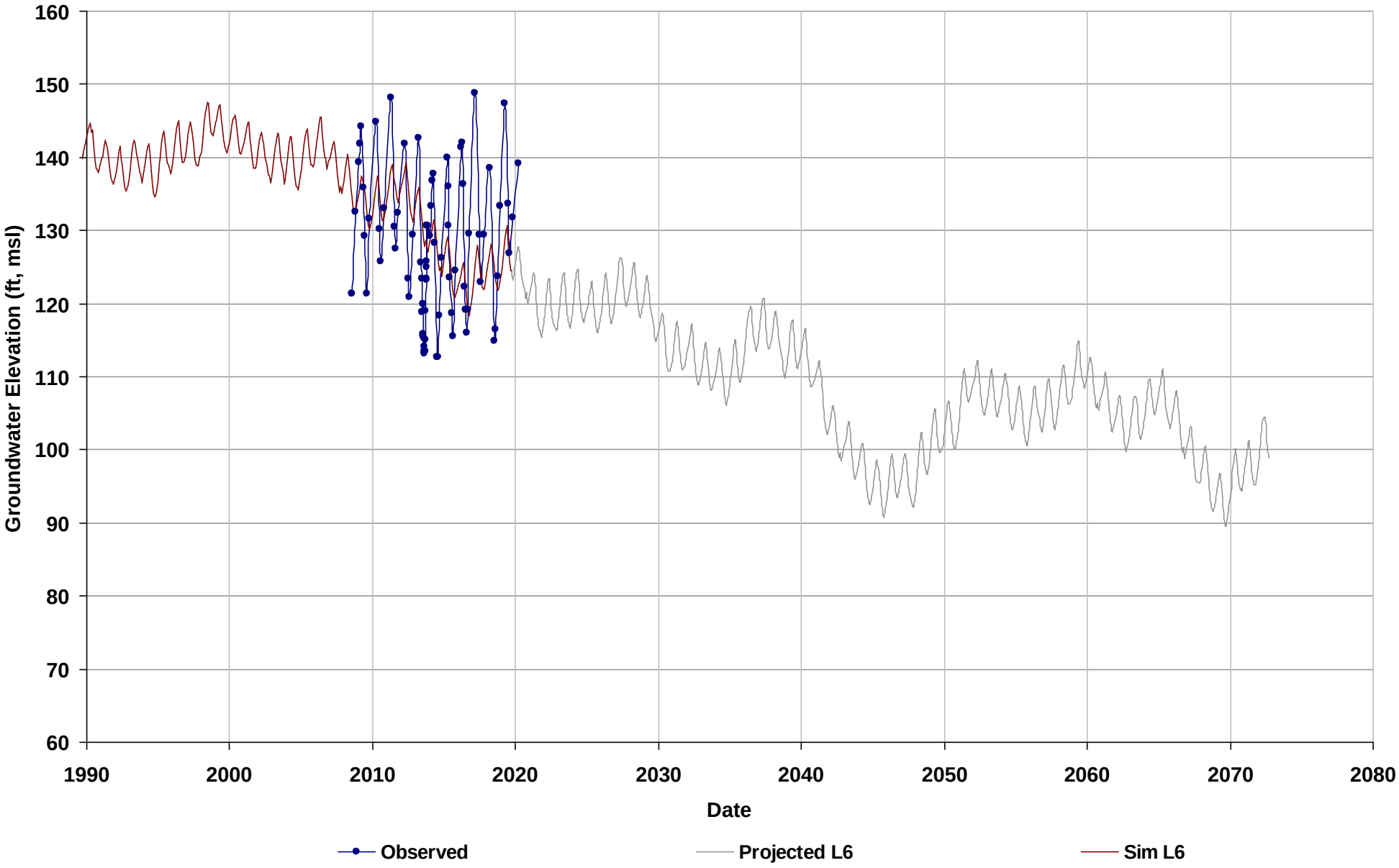
Total Depth (ft): 245
Perf Top (ft): 140
Perf Bottom (ft): 201
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 23N01W31M002M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

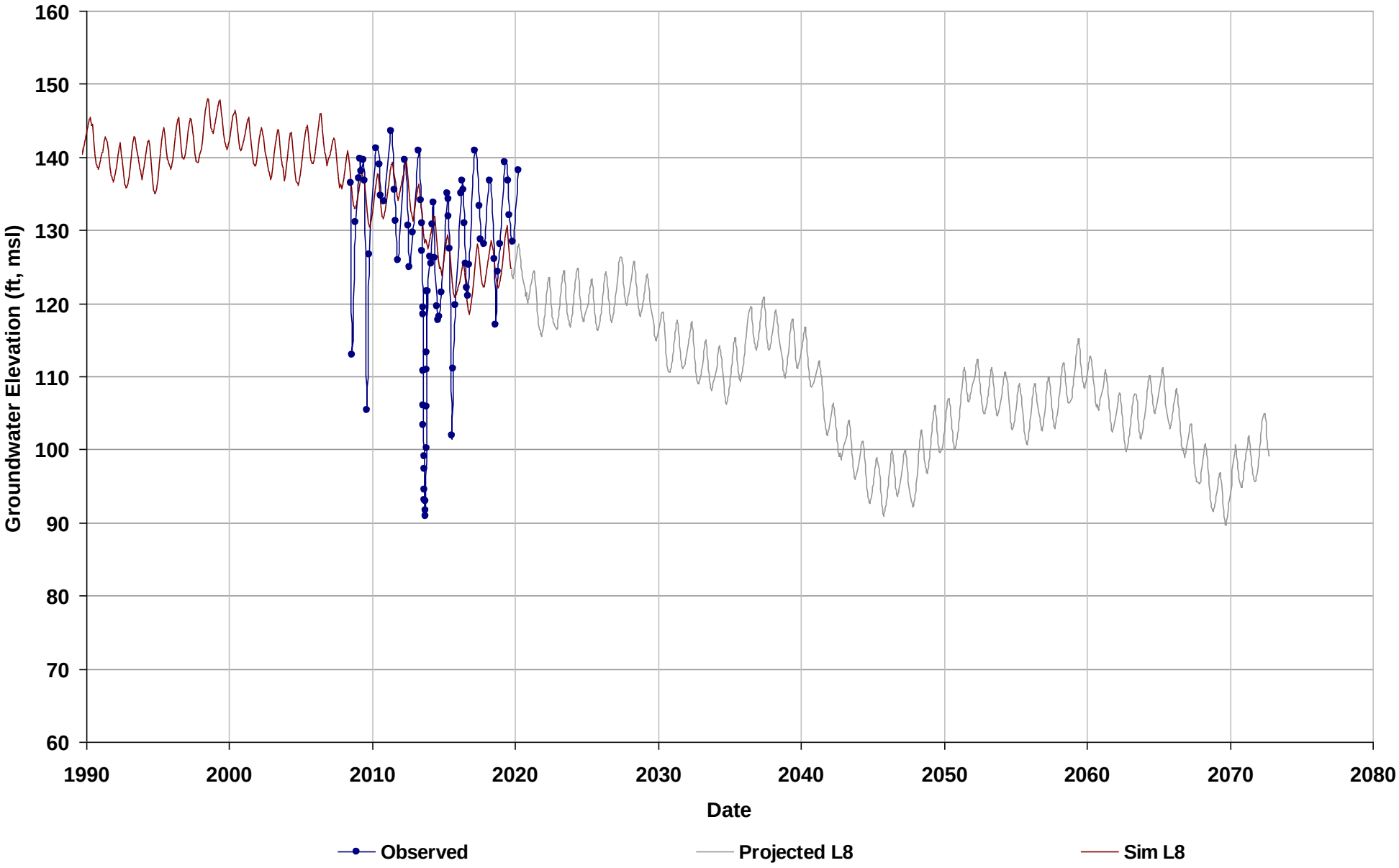
Total Depth (ft): 616
Perf Top (ft): 545
Perf Bottom (ft): 600
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 23N01W31M001M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

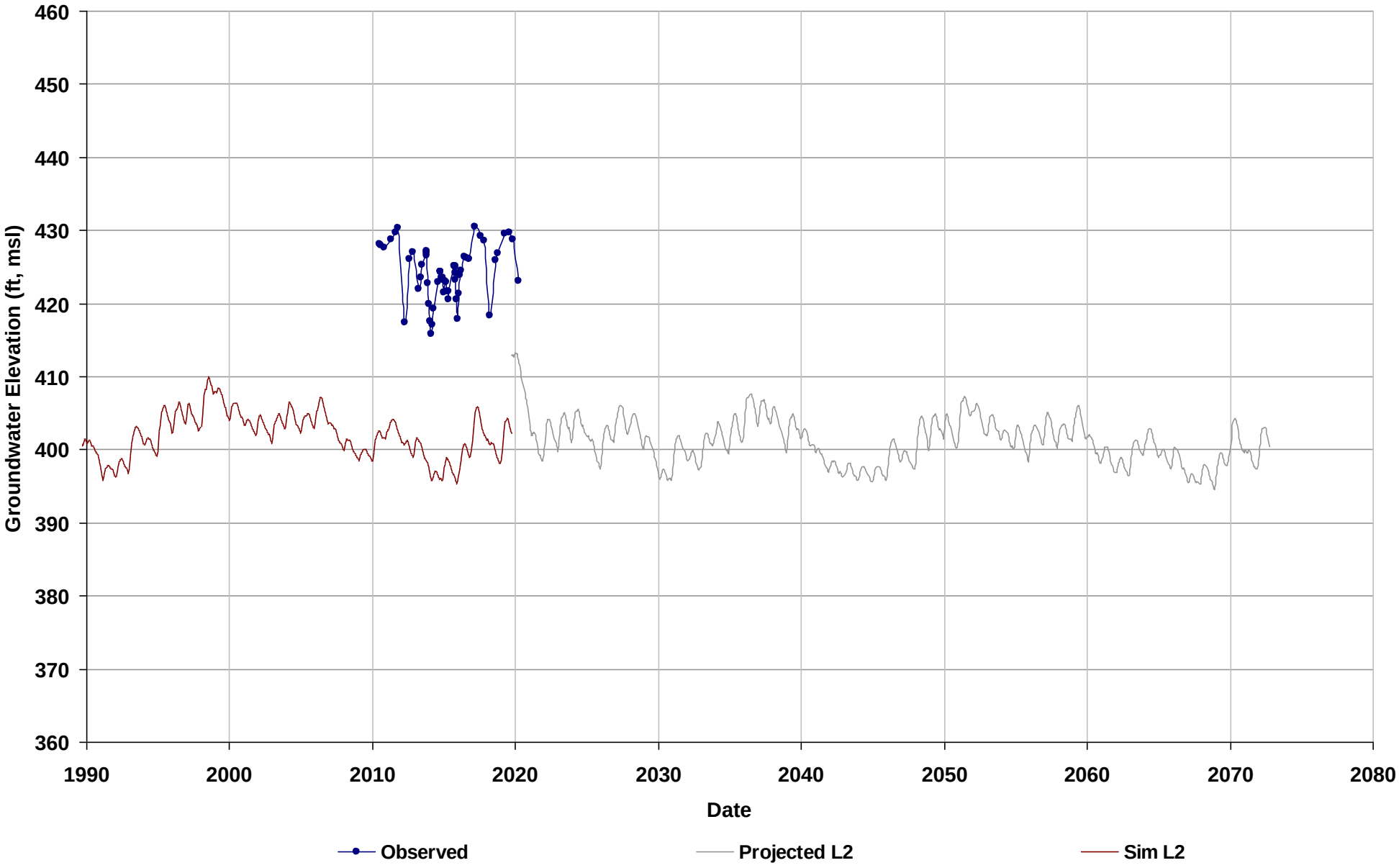
Total Depth (ft): 1200
Perf Top (ft): 969
Perf Bottom (ft): 1030
Top Model Layer: 8
Bottom Model Layer: 8



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N04W03R006M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

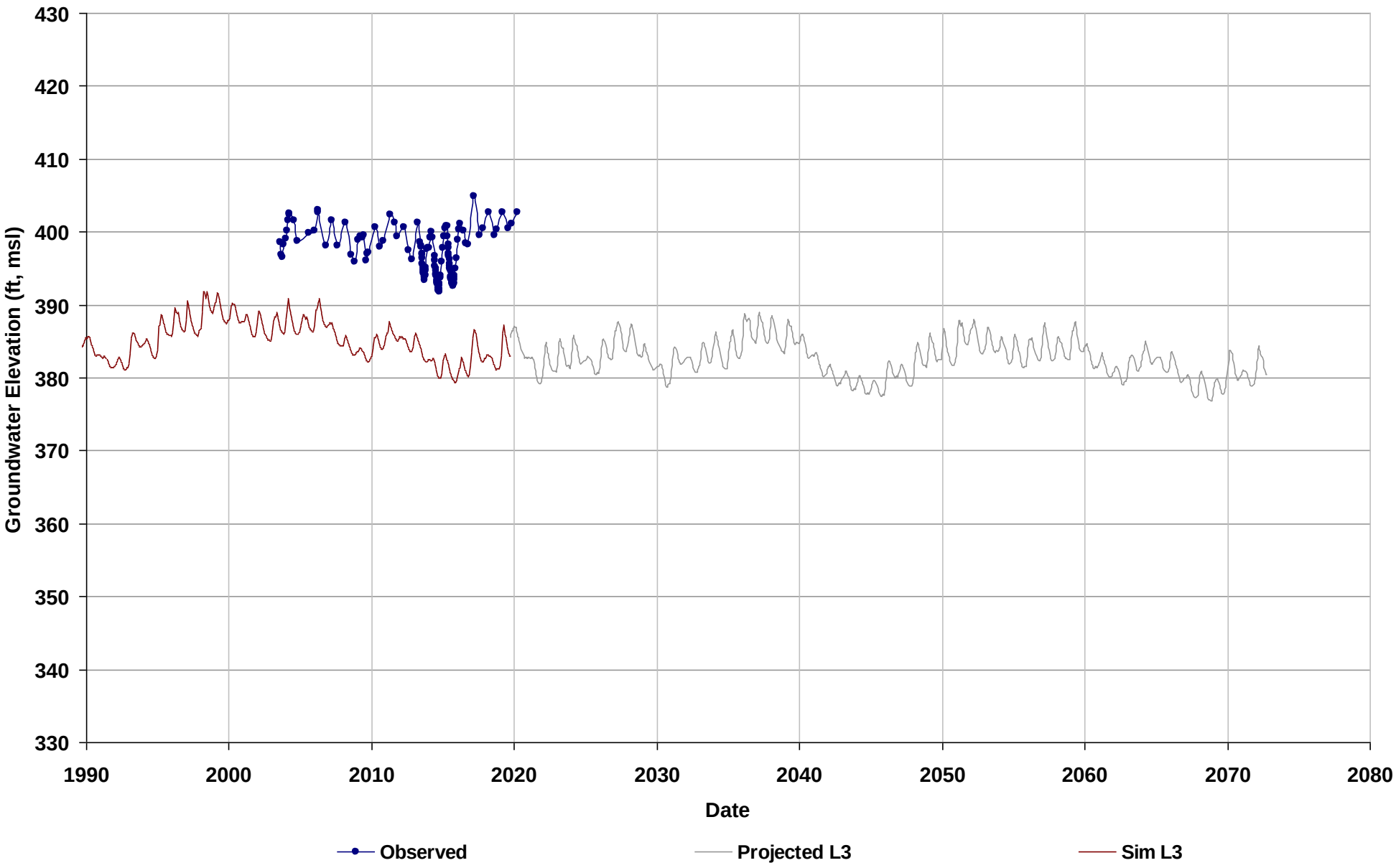
Total Depth (ft): 76
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 30N04W22F002M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

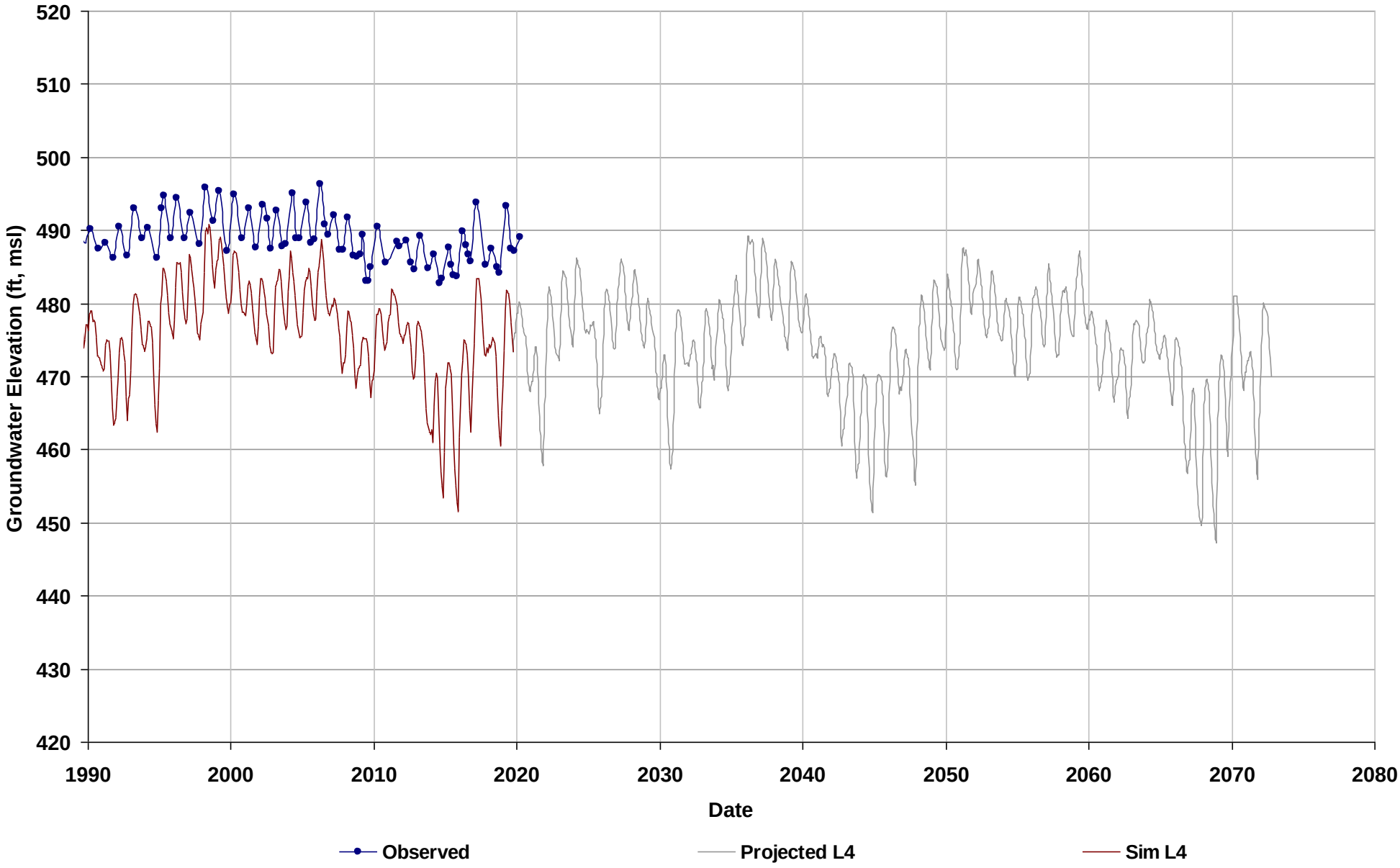
Total Depth (ft): 113
Perf Top (ft): 70
Perf Bottom (ft): 113
Top Model Layer: 3
Bottom Model Layer: 3



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N05W09L001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 517

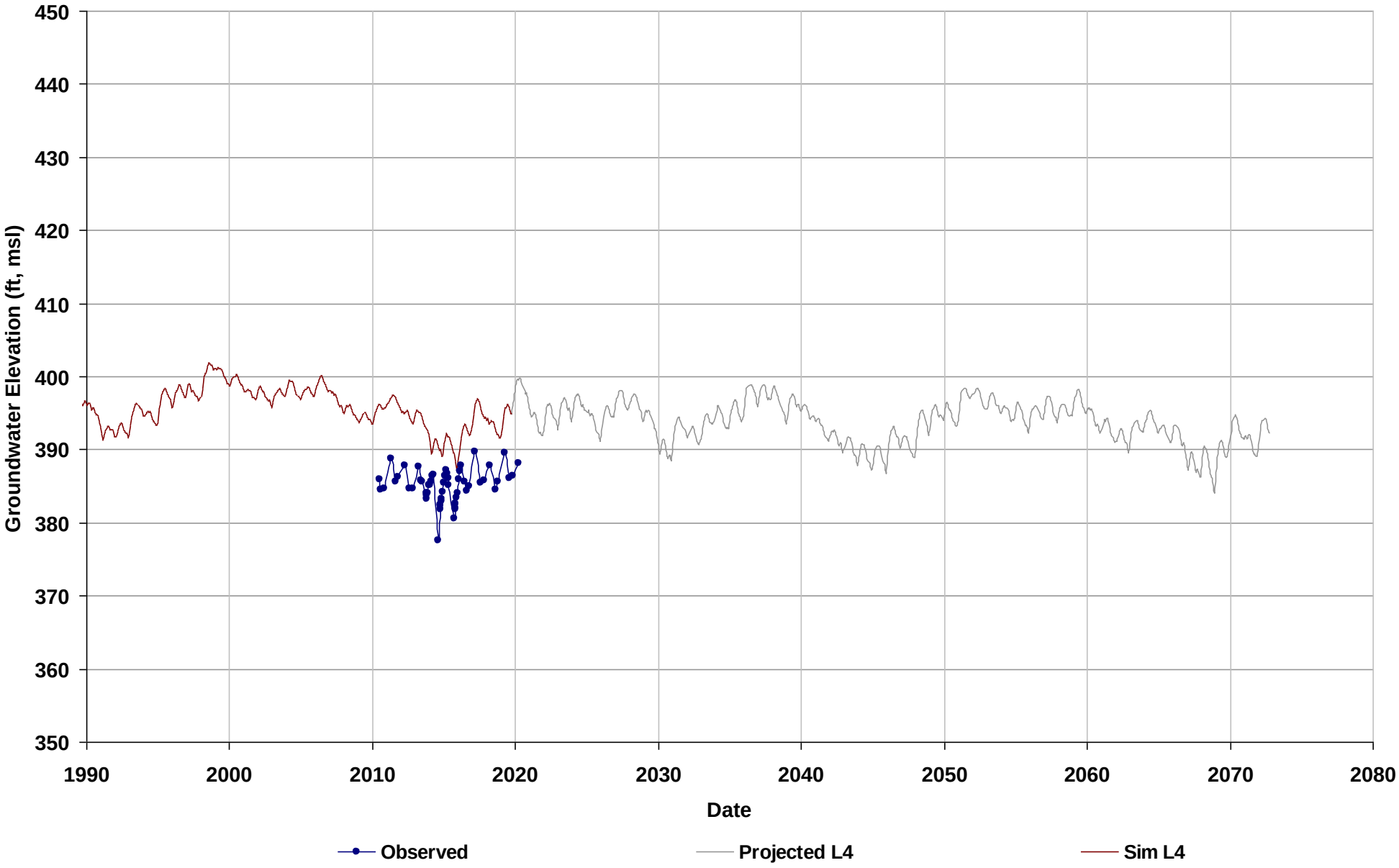
Total Depth (ft):
Perf Top (ft): 100
Perf Bottom (ft): 140
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N04W03R005M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

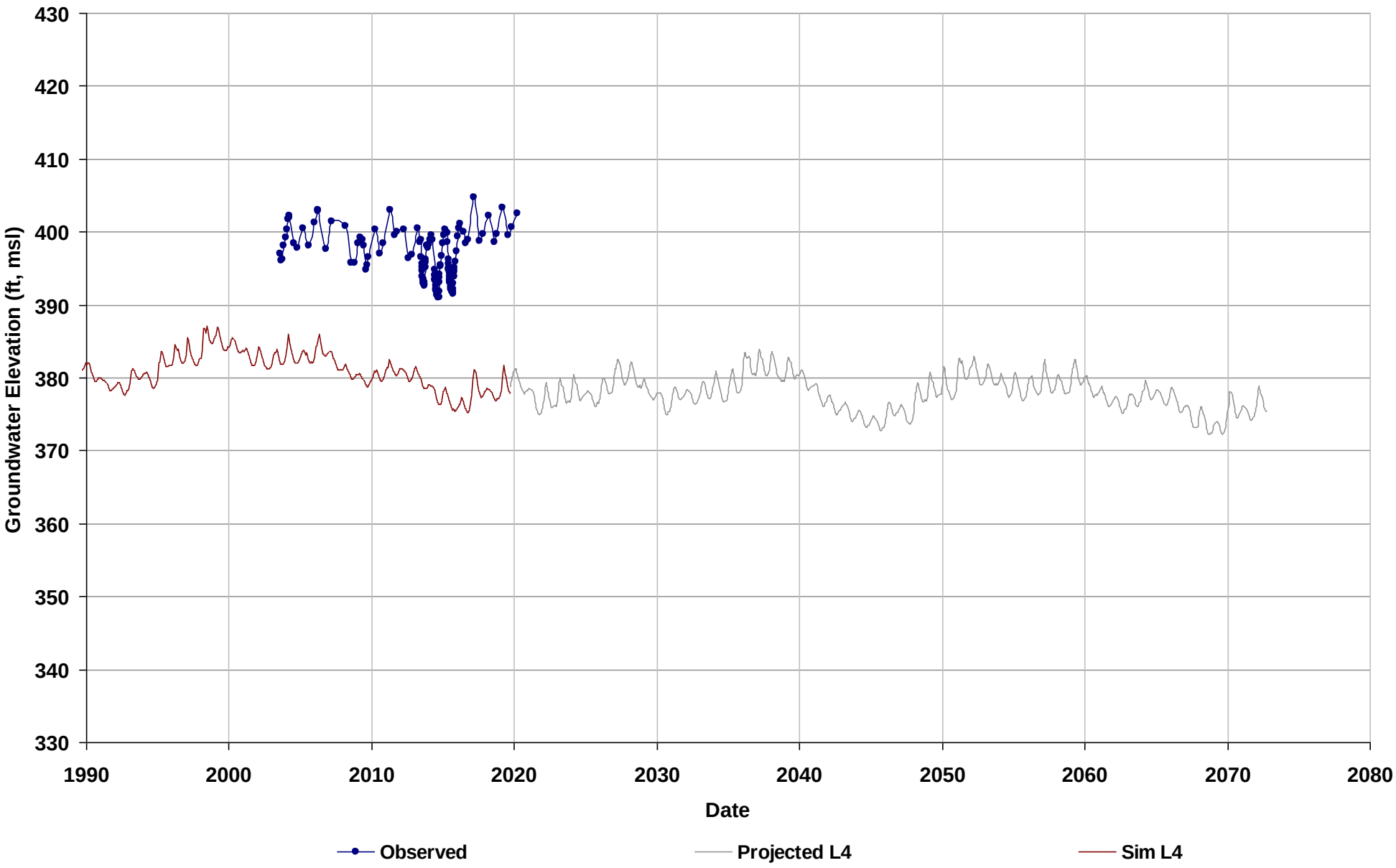
Total Depth (ft): 254
Perf Top (ft): 128
Perf Bottom (ft): 188
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 30N04W22F003M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

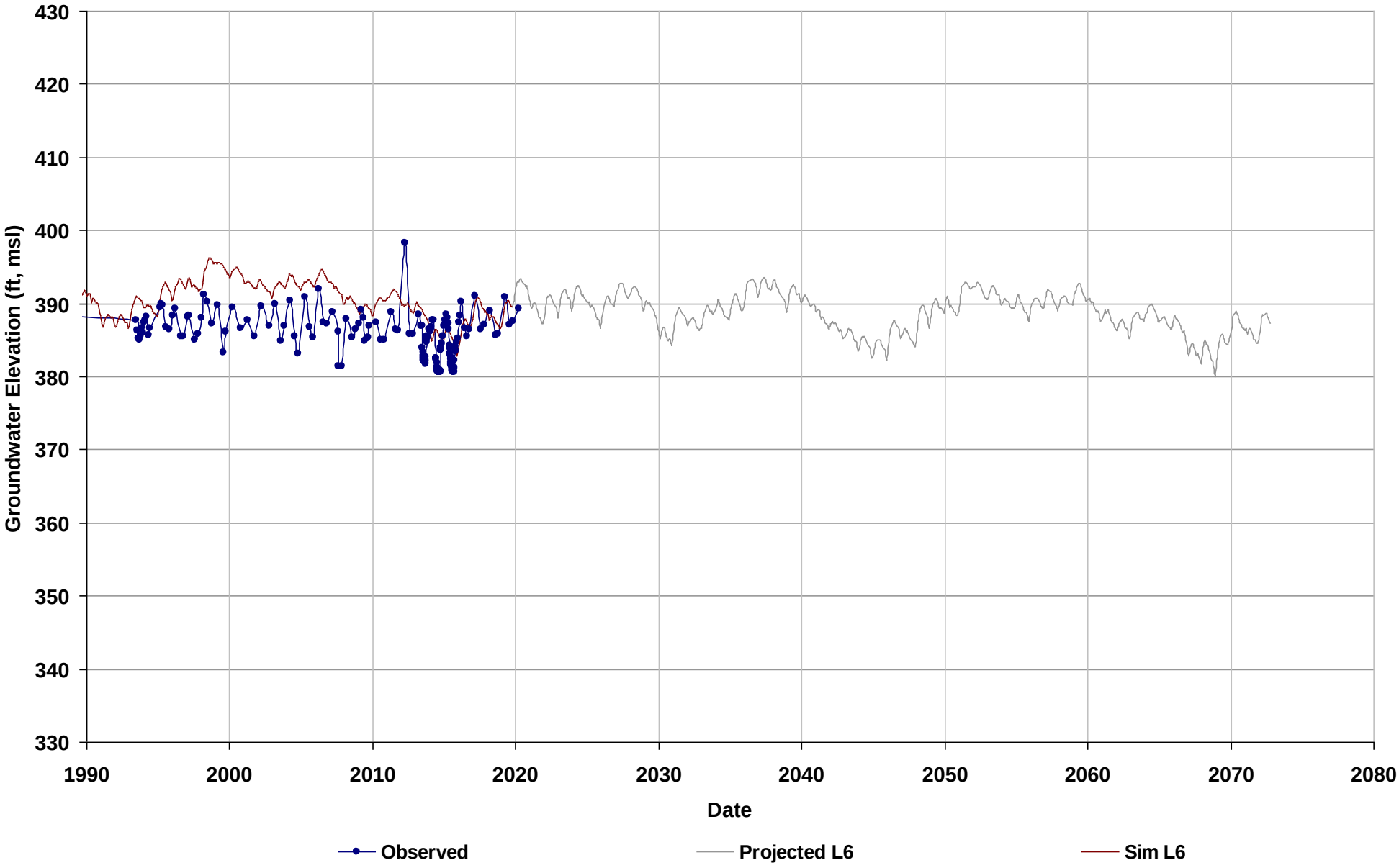
Total Depth (ft): 202
Perf Top (ft): 170
Perf Bottom (ft): 202
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N04W02P001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

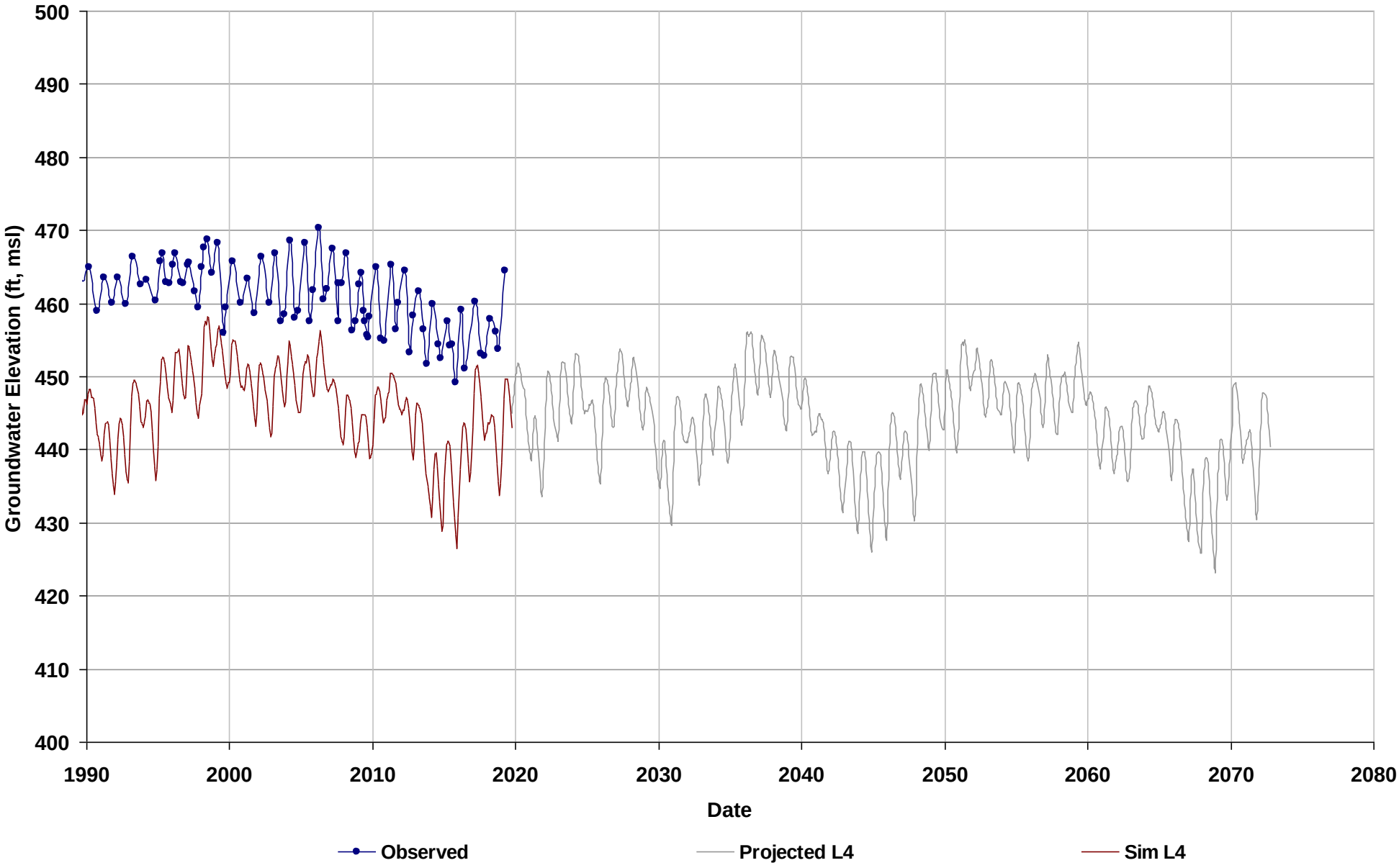
Total Depth (ft):
Perf Top (ft): 165
Perf Bottom (ft): 425
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N05W11A002M
Depth Zone: Composite
Subbasin: Anderson
GSE (ft, msl): 514

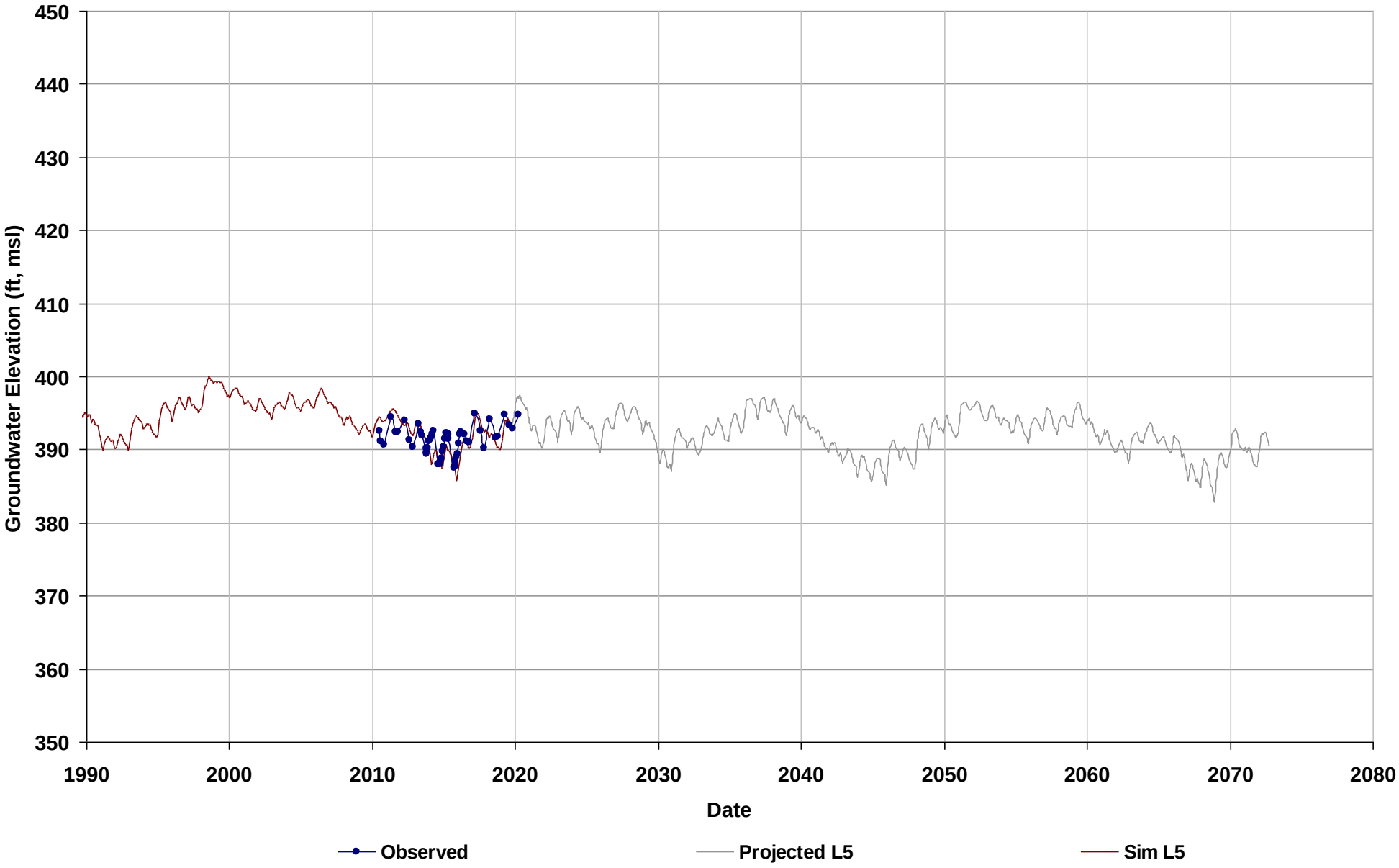
Total Depth (ft):
Perf Top (ft): 110
Perf Bottom (ft): 356
Top Model Layer: 4
Bottom Model Layer: 4



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N04W03R004M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

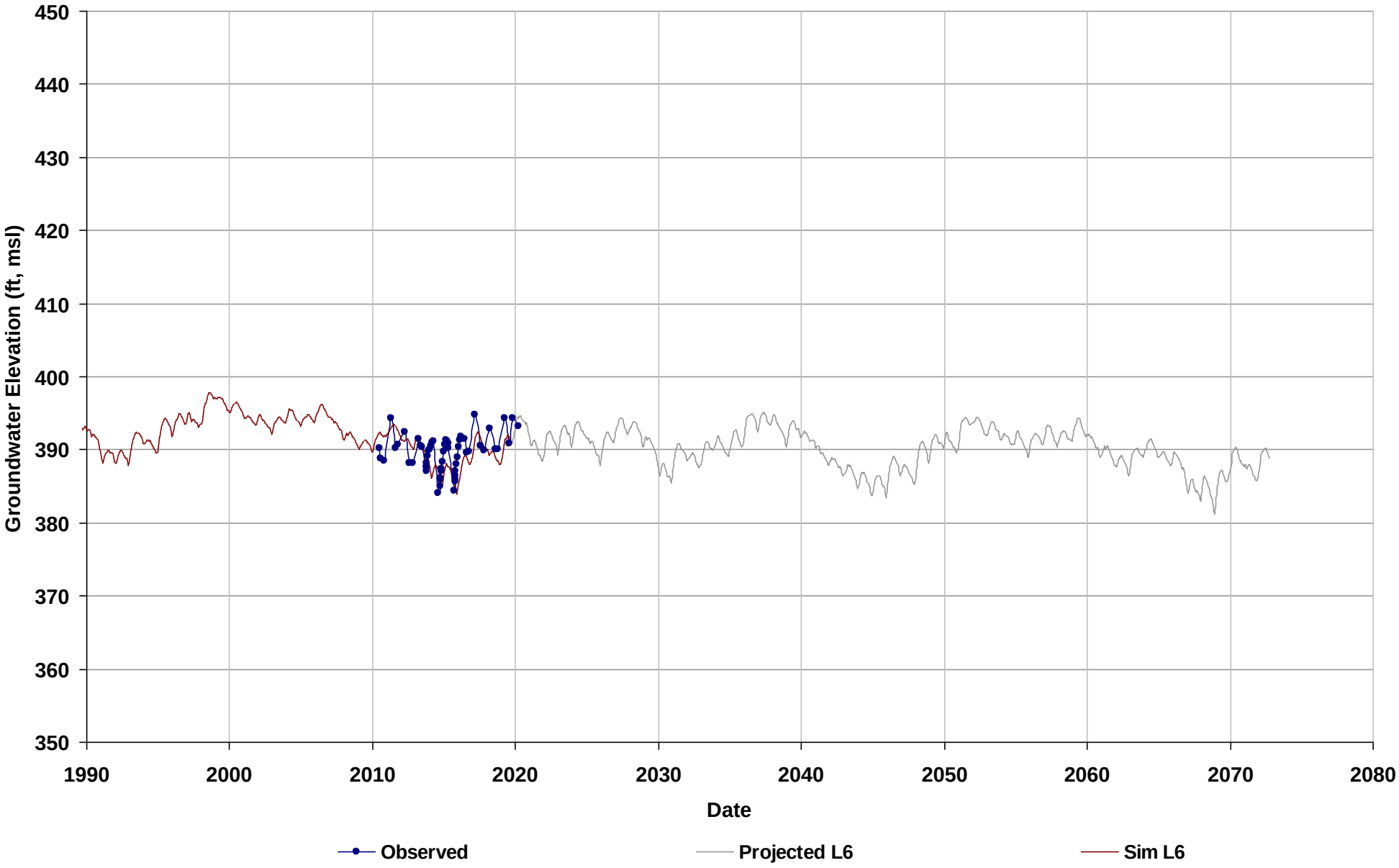
Total Depth (ft): 438
Perf Top (ft): 380
Perf Bottom (ft): 390
Top Model Layer: 5
Bottom Model Layer: 5



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N04W03R003M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

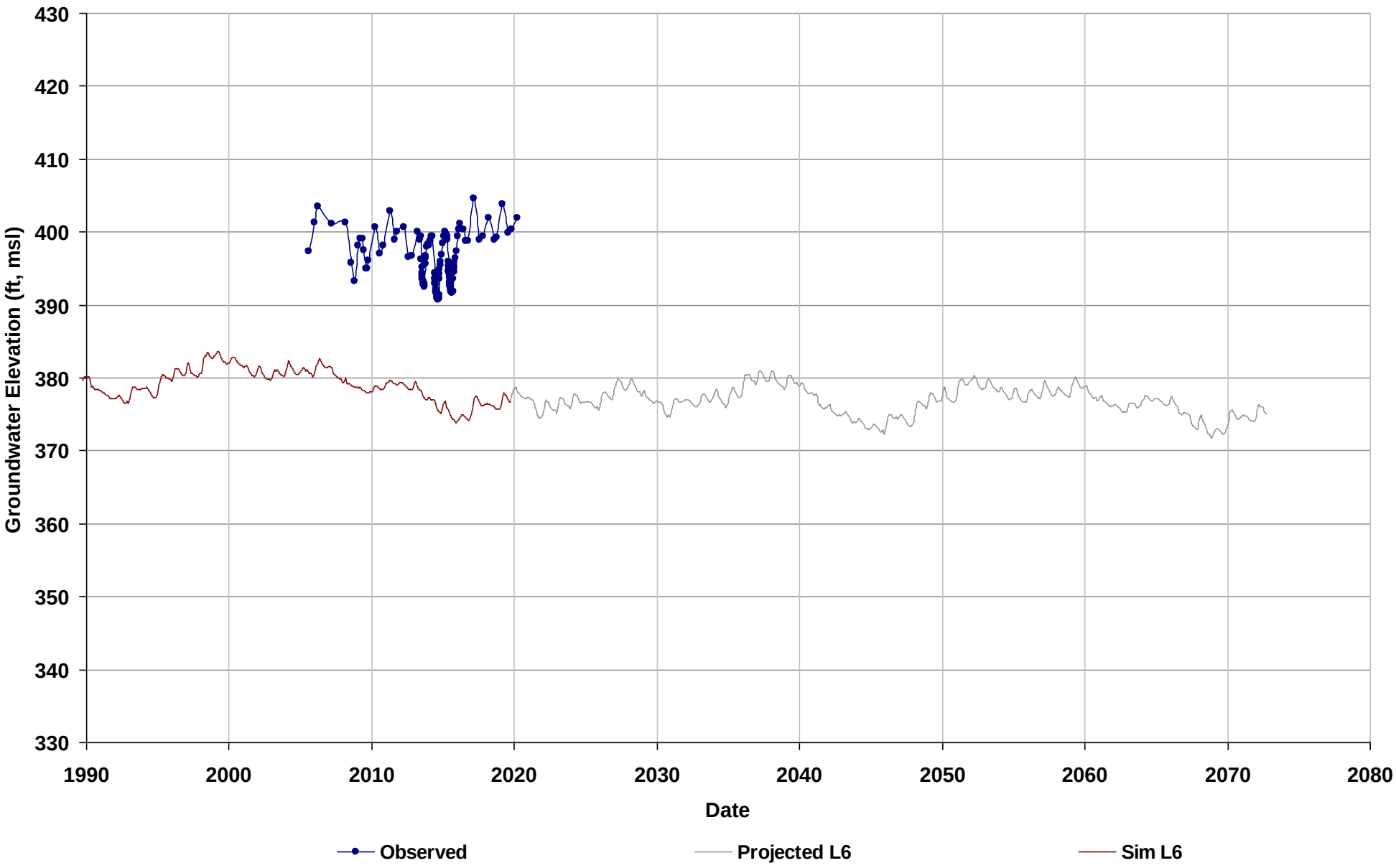
Total Depth (ft): 696
Perf Top (ft): 515
Perf Bottom (ft): 660
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 30N04W22F004M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 447

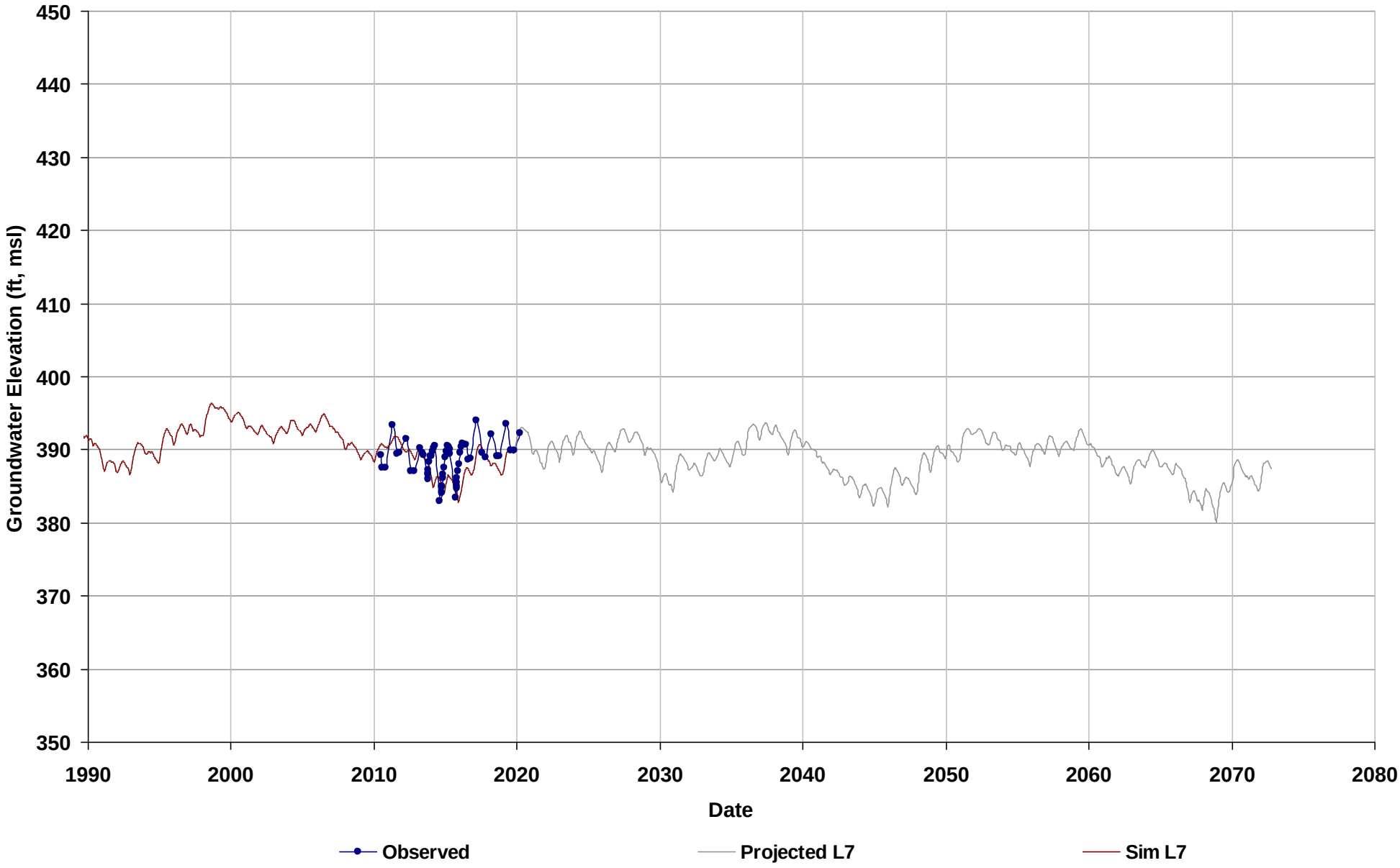
Total Depth (ft): 540
Perf Top (ft): 480
Perf Bottom (ft): 540
Top Model Layer: 6
Bottom Model Layer: 6



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Well Name: 29N04W03R002M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 917
Perf Top (ft): 740
Perf Bottom (ft): 880
Top Model Layer: 7
Bottom Model Layer: 7



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Appendix F. Tehama IHM Simulated Groundwater Elevation Maps

APPENDIX F

Tehama IHM Simulated Groundwater Elevation Maps

Figure F-1 Groundwater Surface Elevation: Spring 1990 - Upper Aquifer

Figure F-2 Groundwater Surface Elevation: Fall 1990 - Upper Aquifer

Figure F-3 Groundwater Surface Elevation: Spring 1999 - Upper Aquifer

Figure F-4 Groundwater Surface Elevation: Fall 1999 - Upper Aquifer

Figure F-5 Groundwater Surface Elevation: Spring 2007 - Upper Aquifer

Figure F-6 Groundwater Surface Elevation: Fall 2007 - Upper Aquifer

Figure F-7 Groundwater Surface Elevation: Spring 2015 - Upper Aquifer

Figure F-8 Groundwater Surface Elevation: Fall 2015 - Upper Aquifer

Figure F-9 Groundwater Surface Elevation: Spring 2018 - Upper Aquifer

Figure F-10 Groundwater Surface Elevation: Fall 2018 - Upper Aquifer

Figure F-11 Groundwater Surface Elevation: Spring 1990 - Lower Aquifer

Figure F-12 Groundwater Surface Elevation: Fall 1990 - Lower Aquifer

Figure F-13 Groundwater Surface Elevation: Spring 1999 - Lower Aquifer

Figure F-14 Groundwater Surface Elevation: Fall 1999 - Lower Aquifer

Figure F-15 Groundwater Surface Elevation: Spring 2007 - Lower Aquifer

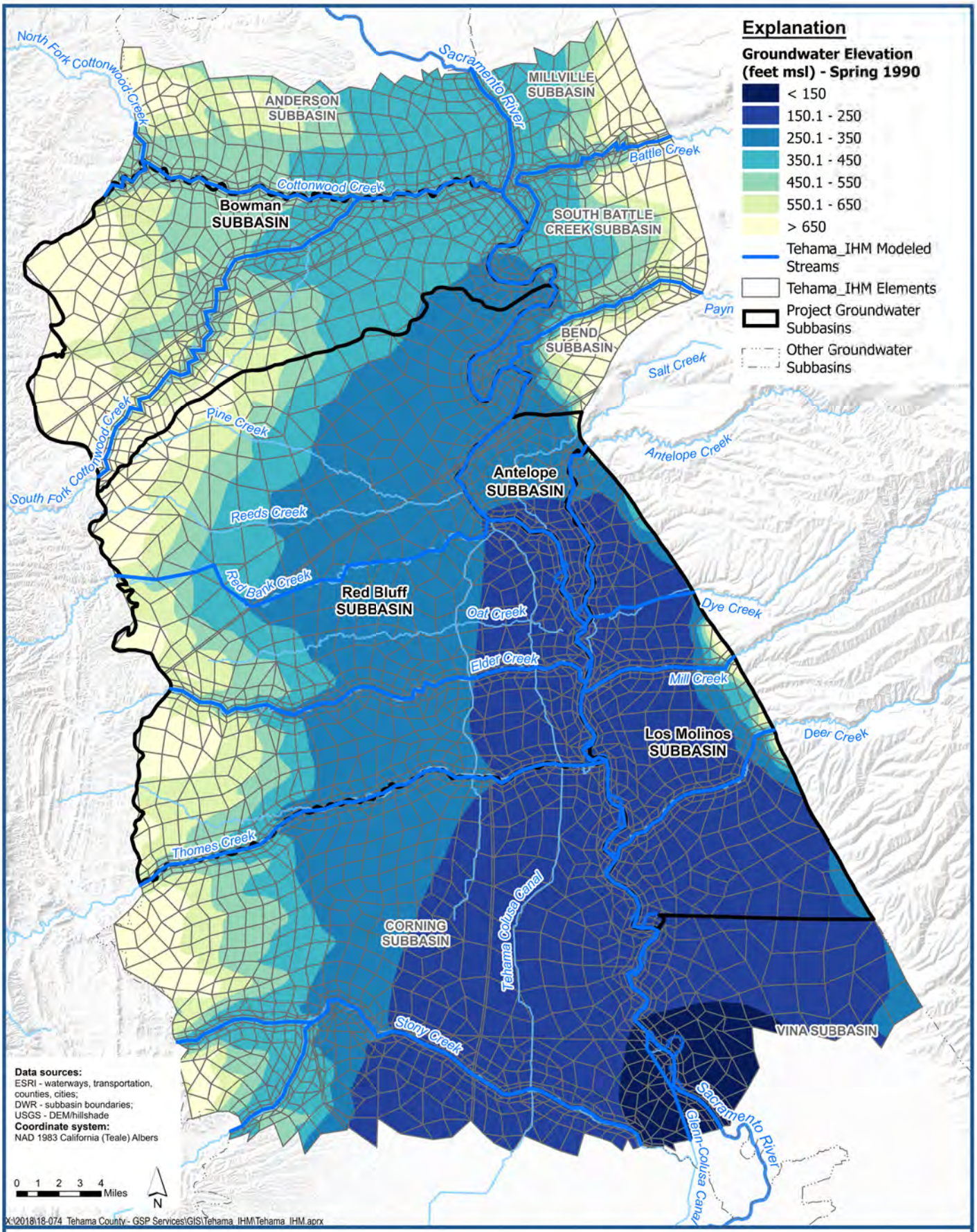
Figure F-16 Groundwater Surface Elevation: Fall 2007 - Lower Aquifer

Figure F-17 Groundwater Surface Elevation: Spring 2015 - Lower Aquifer

Figure F-18 Groundwater Surface Elevation: Fall 2015 - Lower Aquifer

Figure F-19 Groundwater Surface Elevation: Spring 2018 - Lower Aquifer

Figure F-20 Groundwater Surface Elevation: Fall 2018 - Lower Aquifer



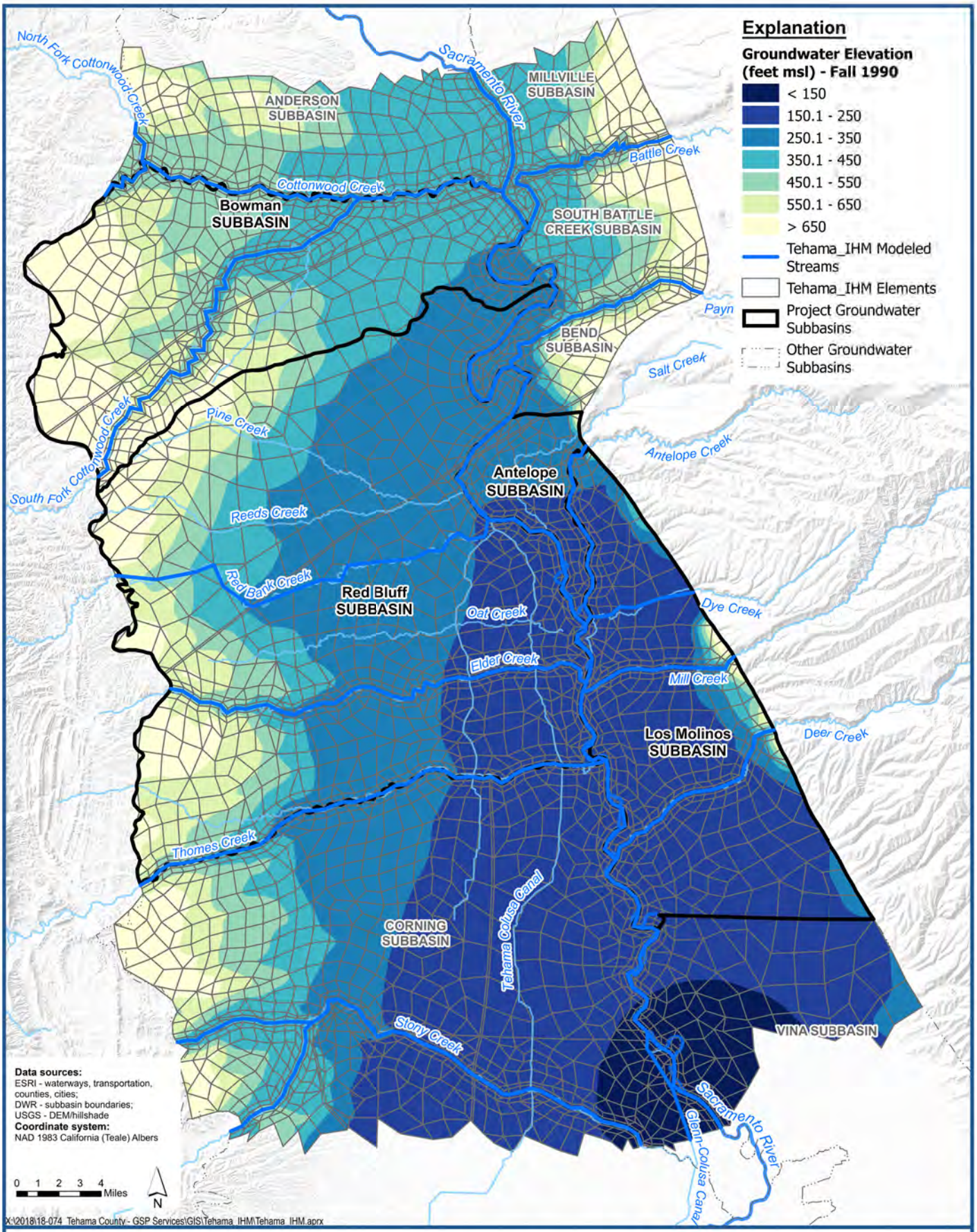
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Spring 1990
Upper Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-1



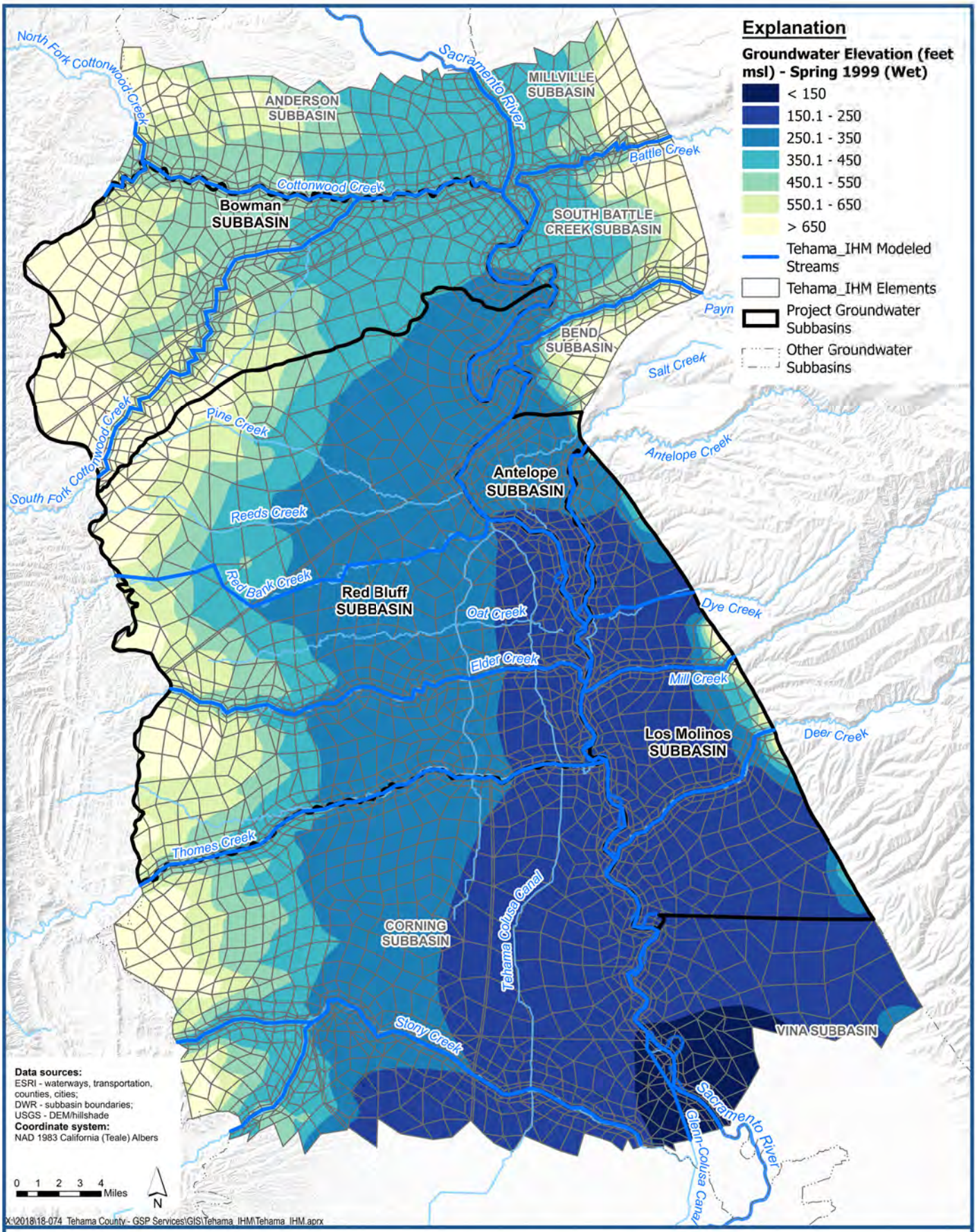
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Fall 1990
Upper Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-2



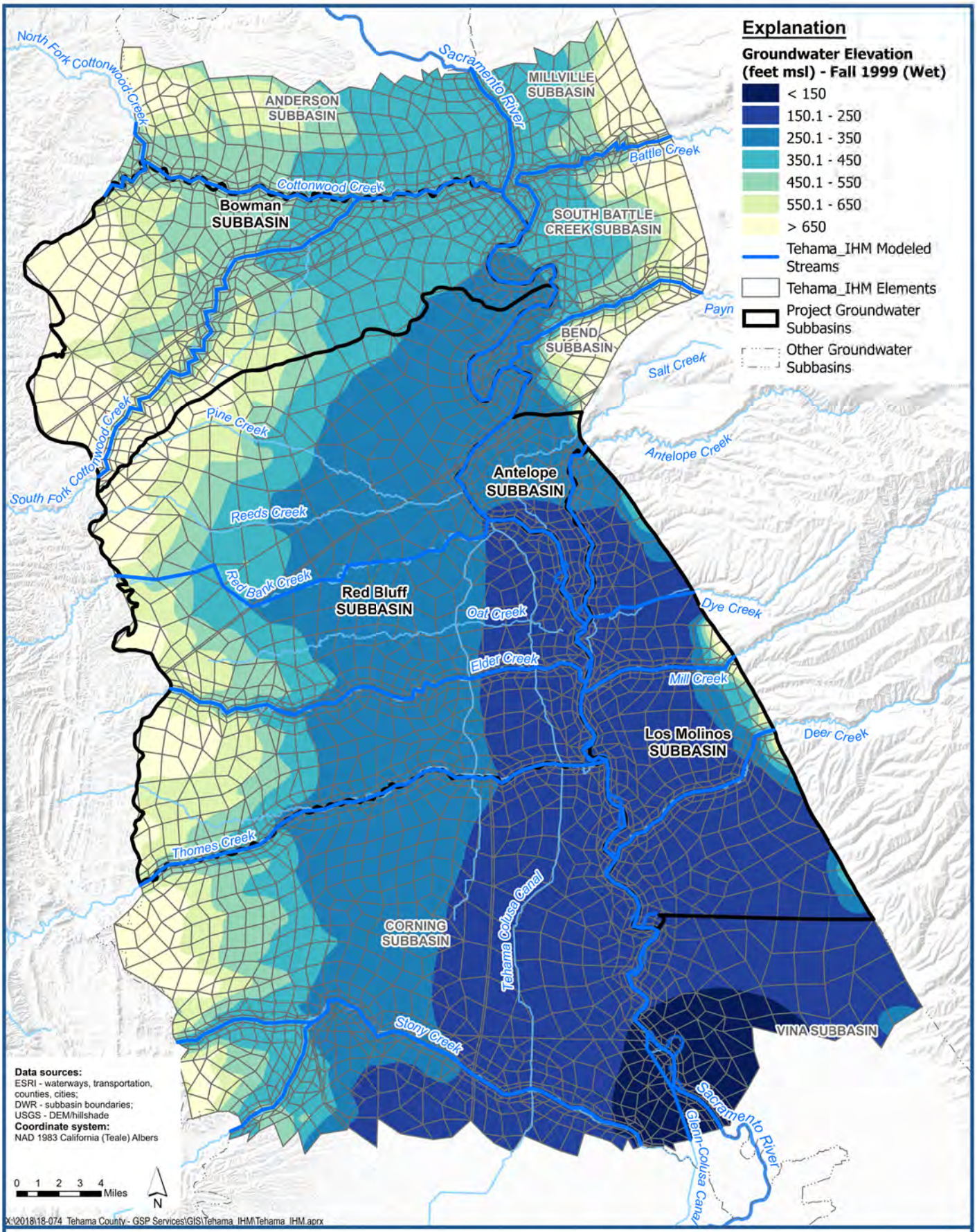
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Spring 1999
Upper Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-3



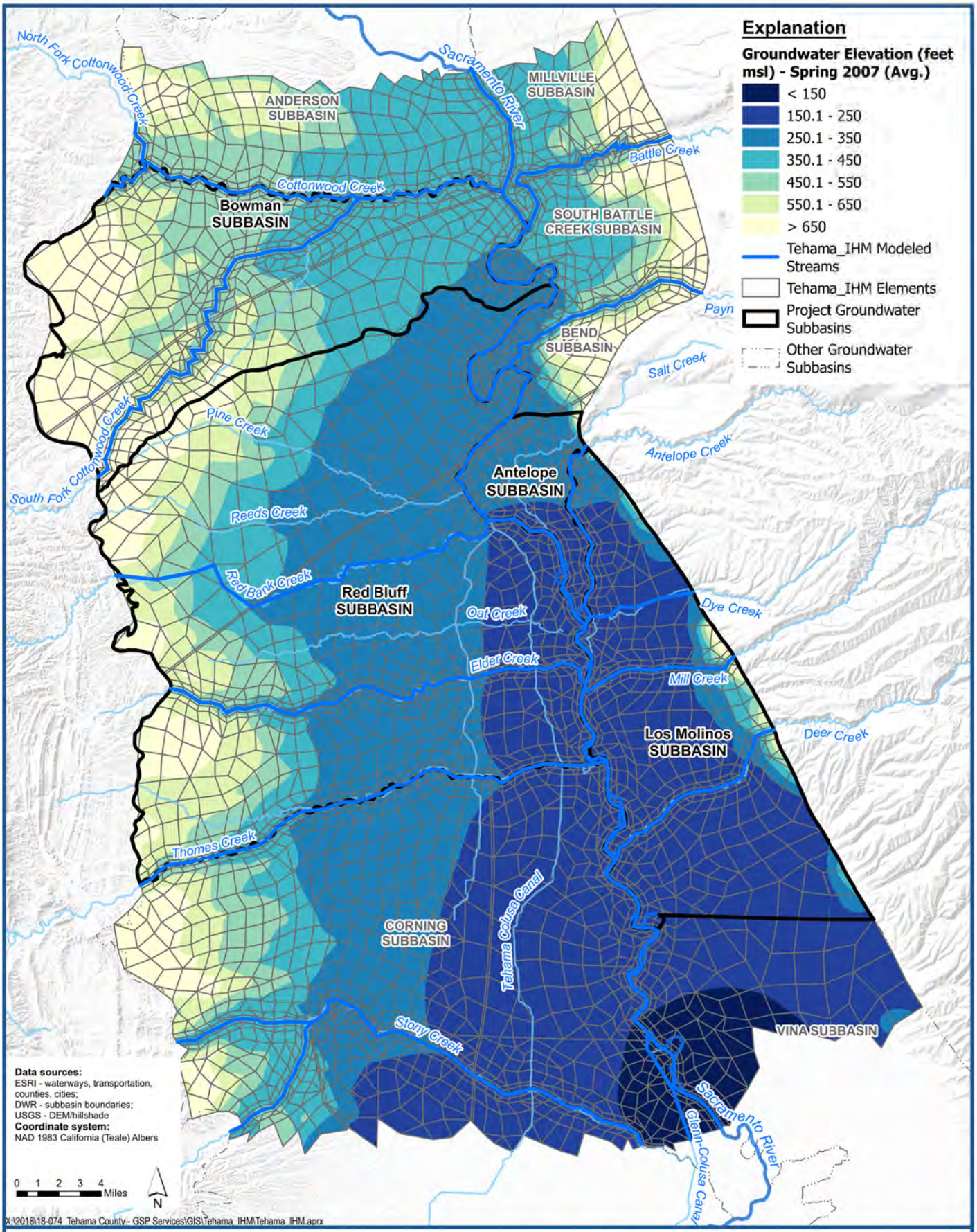
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Fall 1999
Upper Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-4



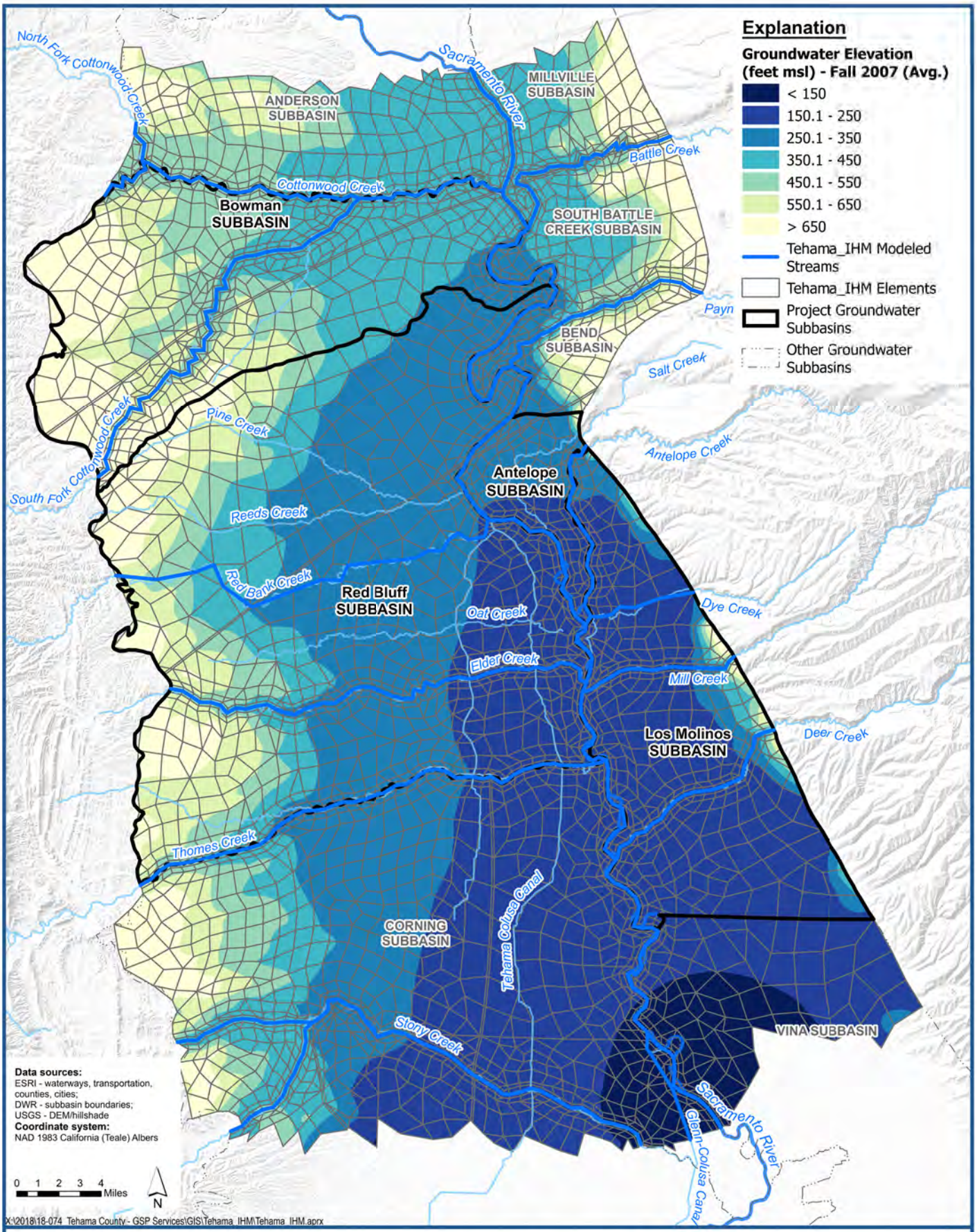
TEHAMA COUNTY

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Groundwater Surface Elevation: Spring 2007
Upper Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-5



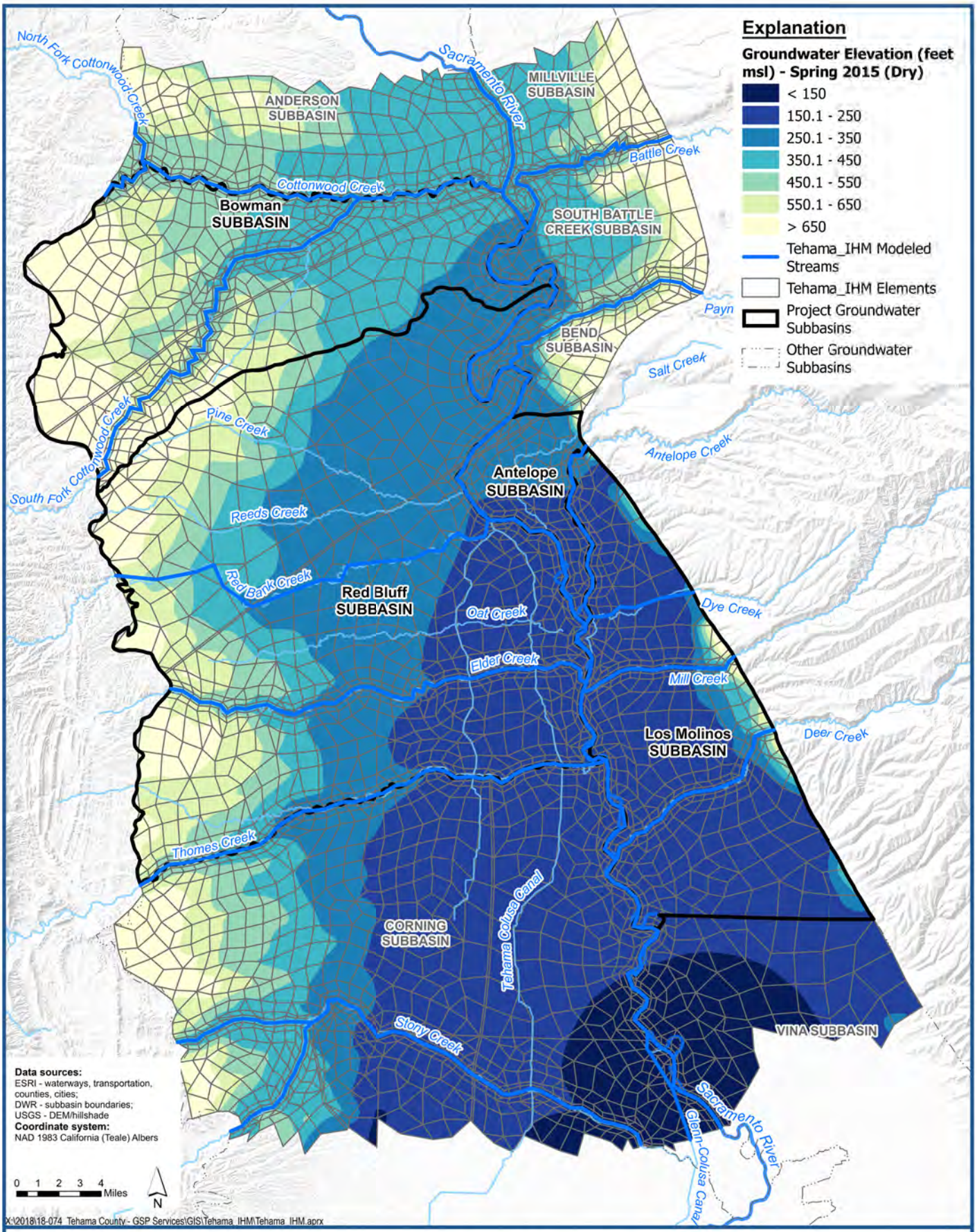
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Fall 2007
Upper Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-6



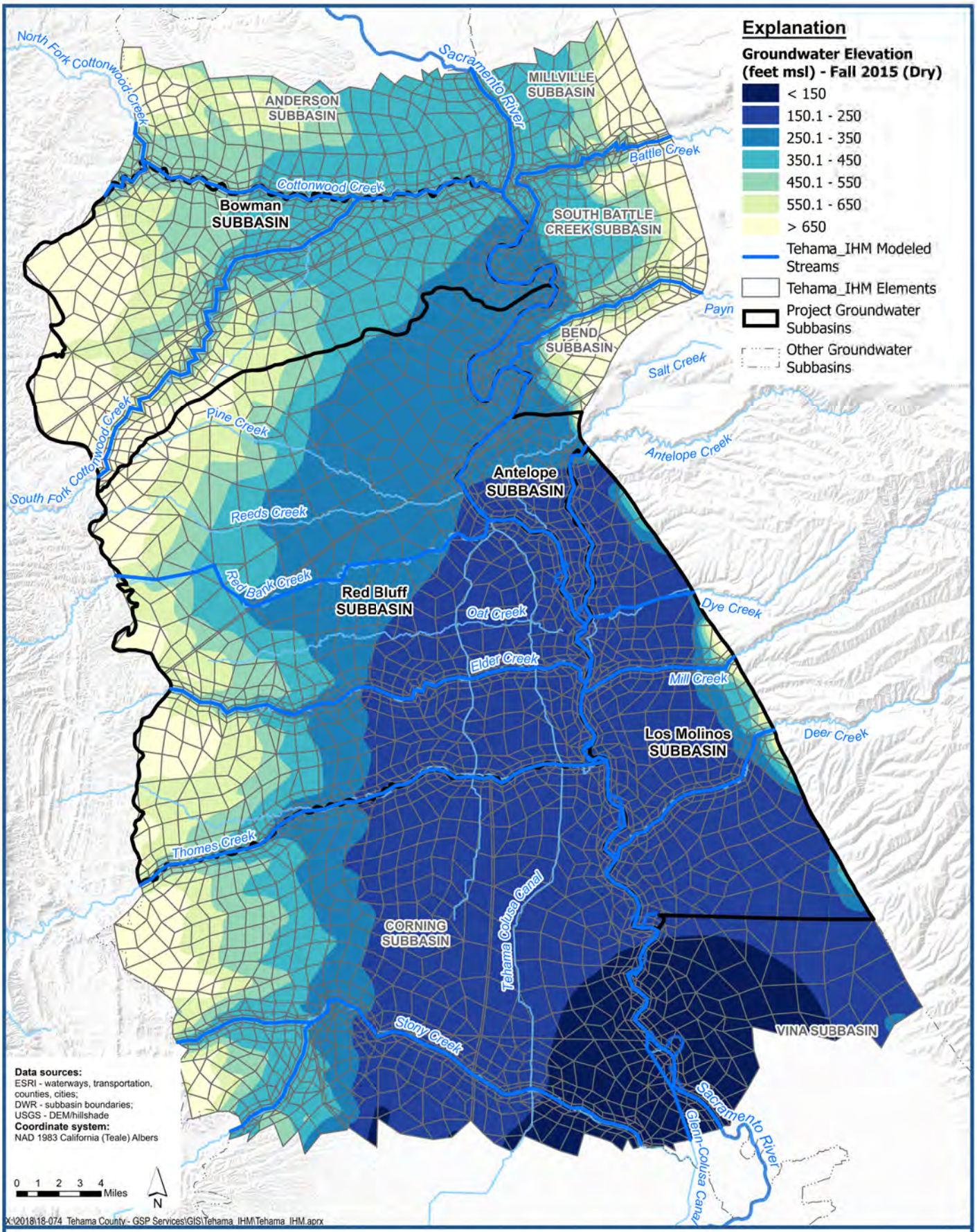
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Spring 2015
Upper Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-7



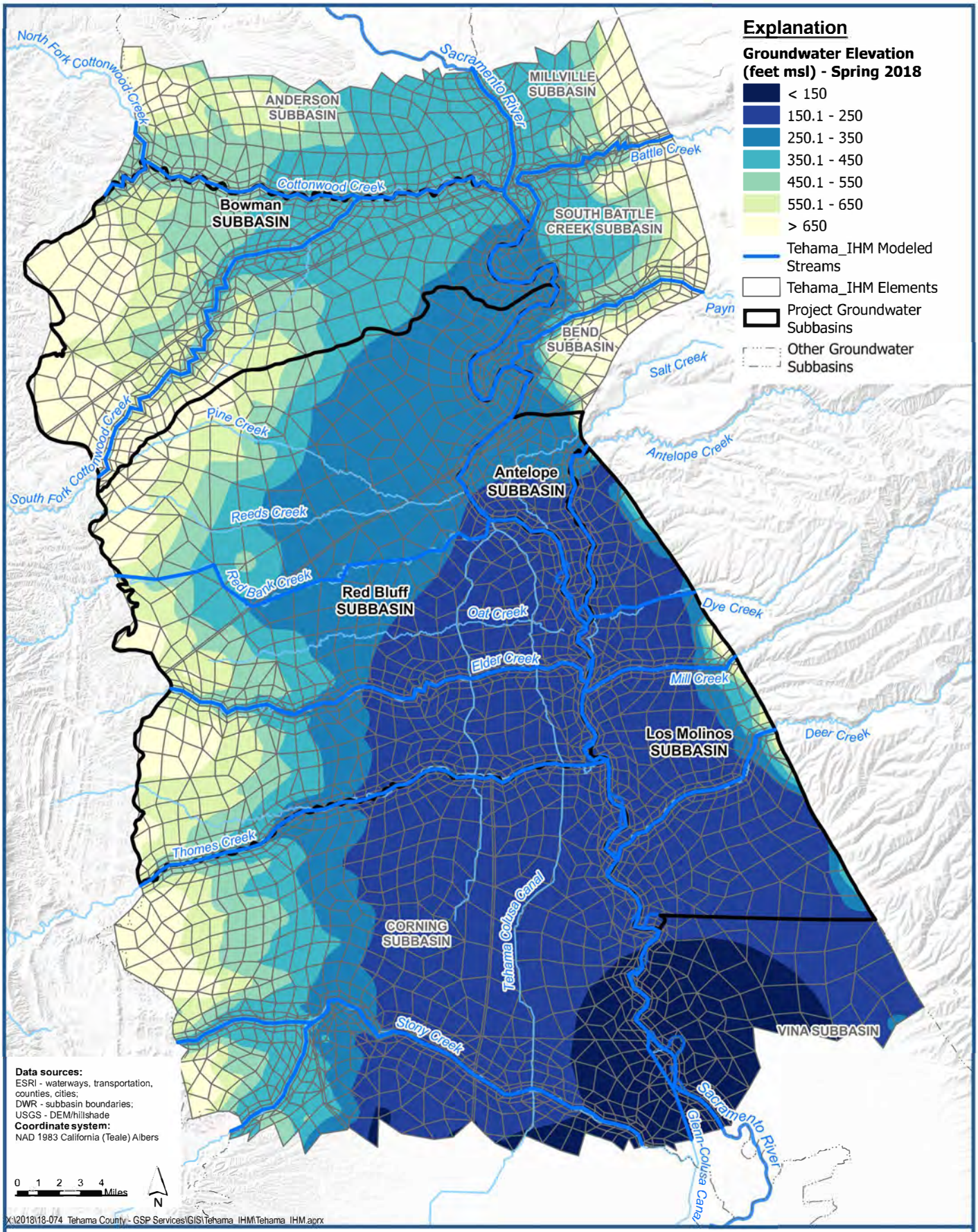
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Fall 2015
Upper Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-8



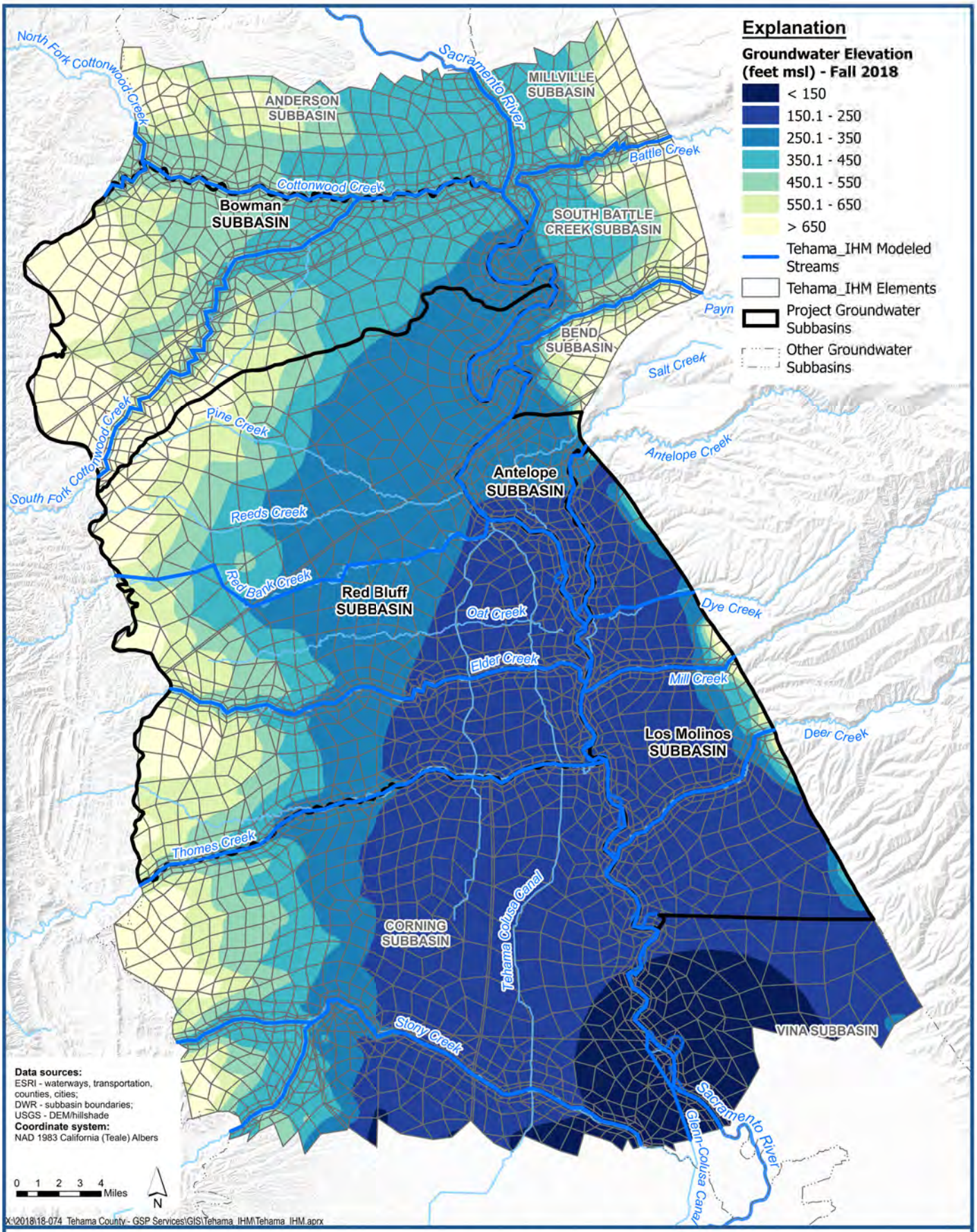
TEHAMA COUNTY

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Groundwater Surface Elevation: Spring 2018
Upper Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-9



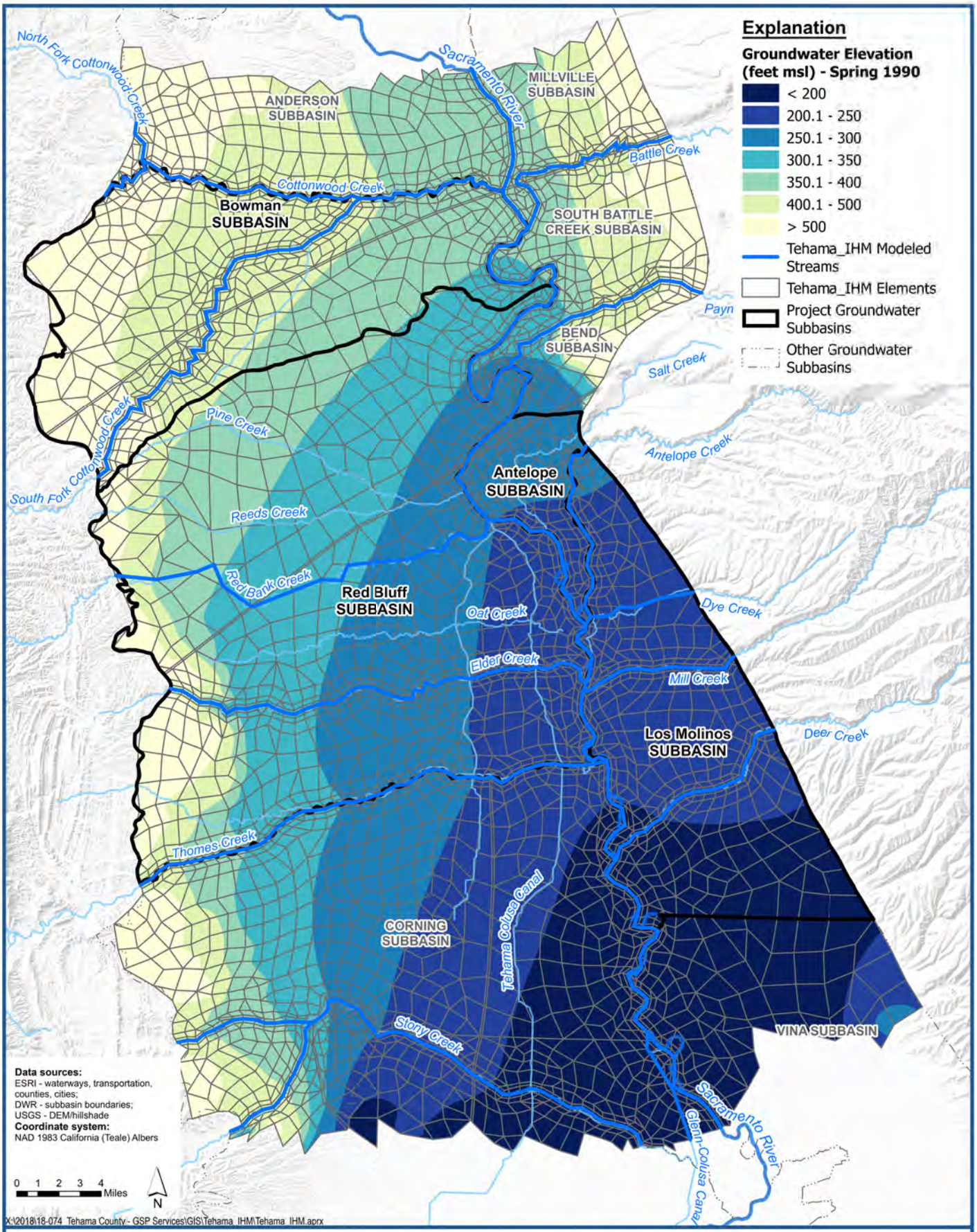
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Fall 2018
Upper Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-10



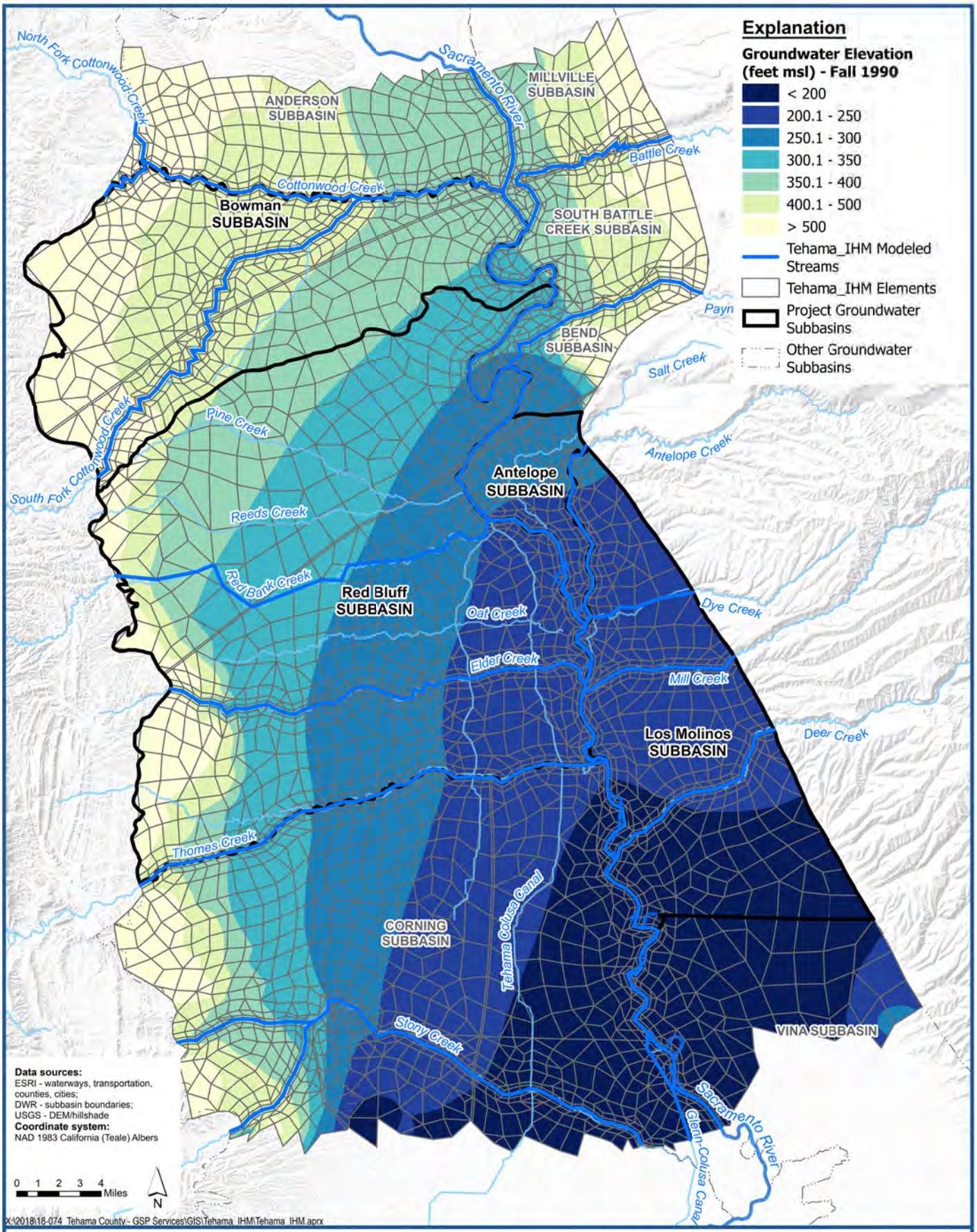
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Spring 1990
Lower Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-11



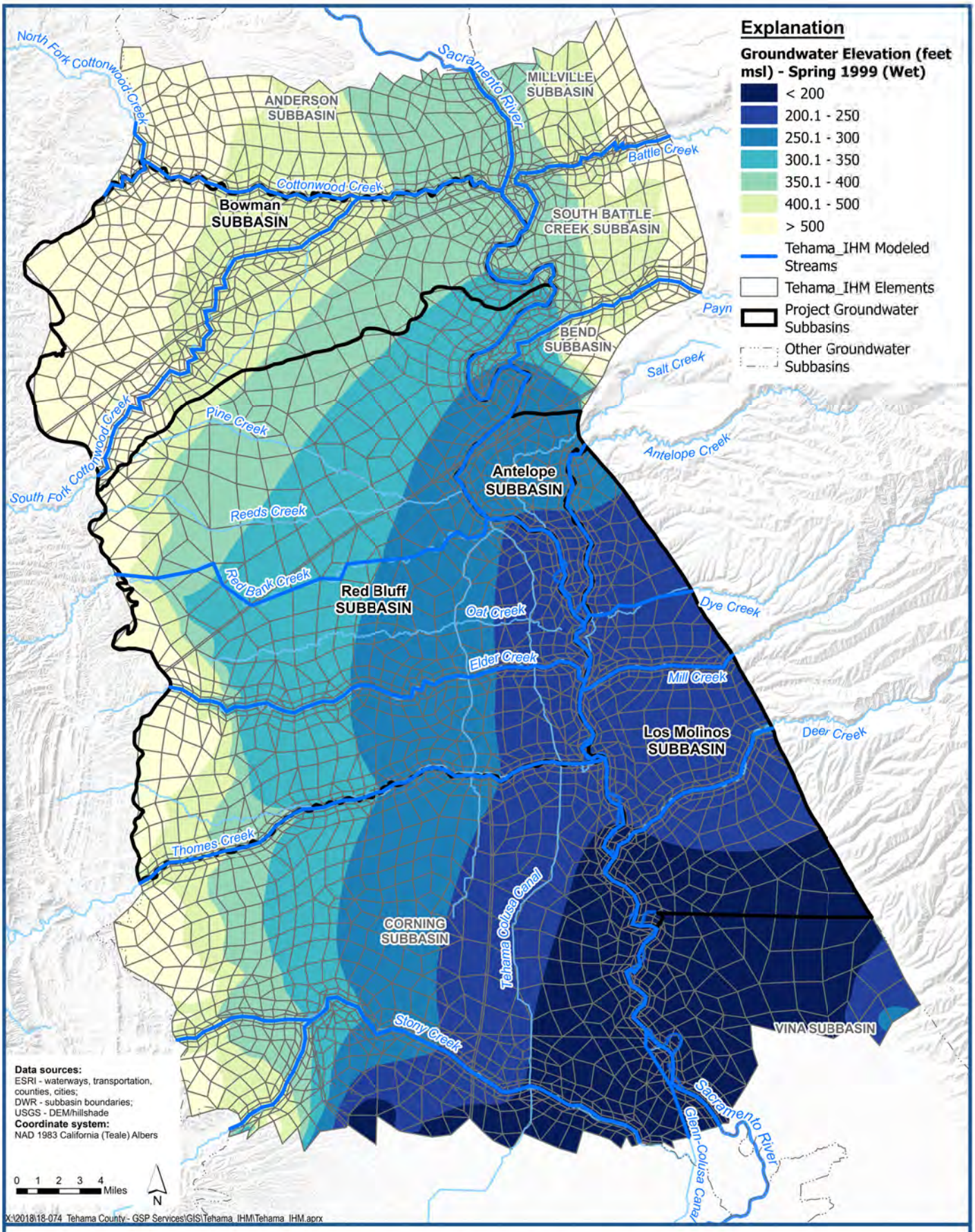
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Fall 1990
Lower Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-12



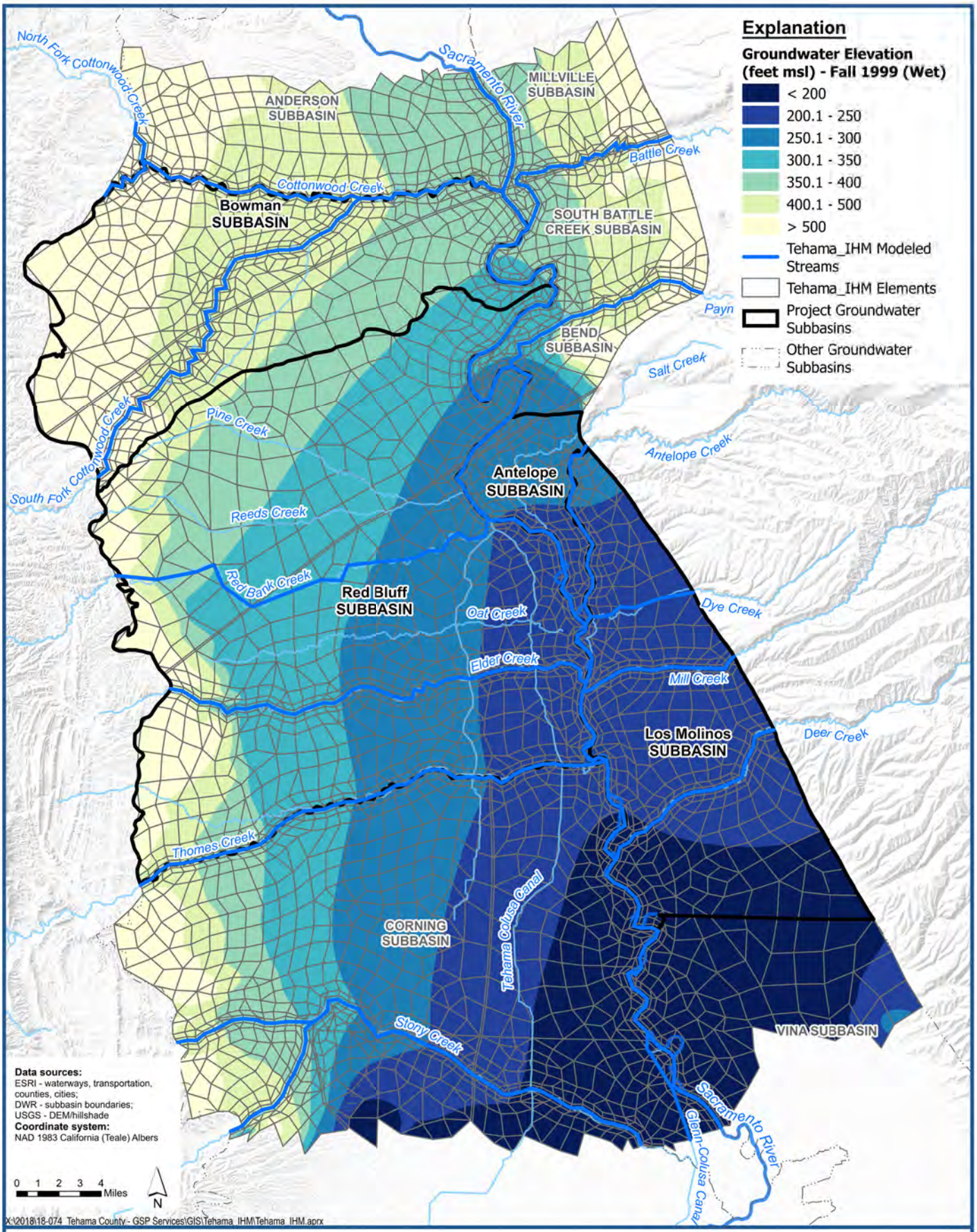
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Spring 1999
Lower Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-13



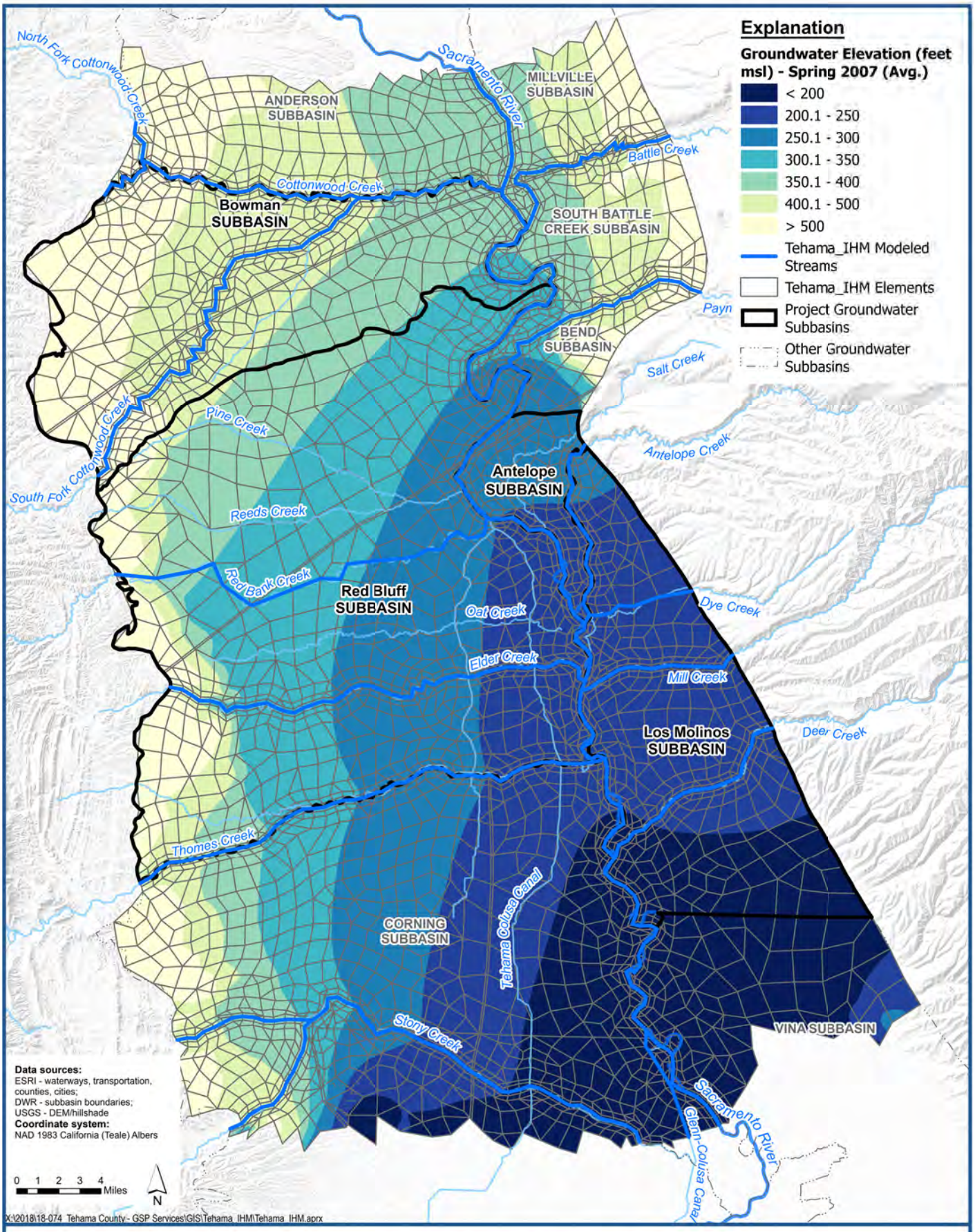
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Fall 1999
Lower Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-14



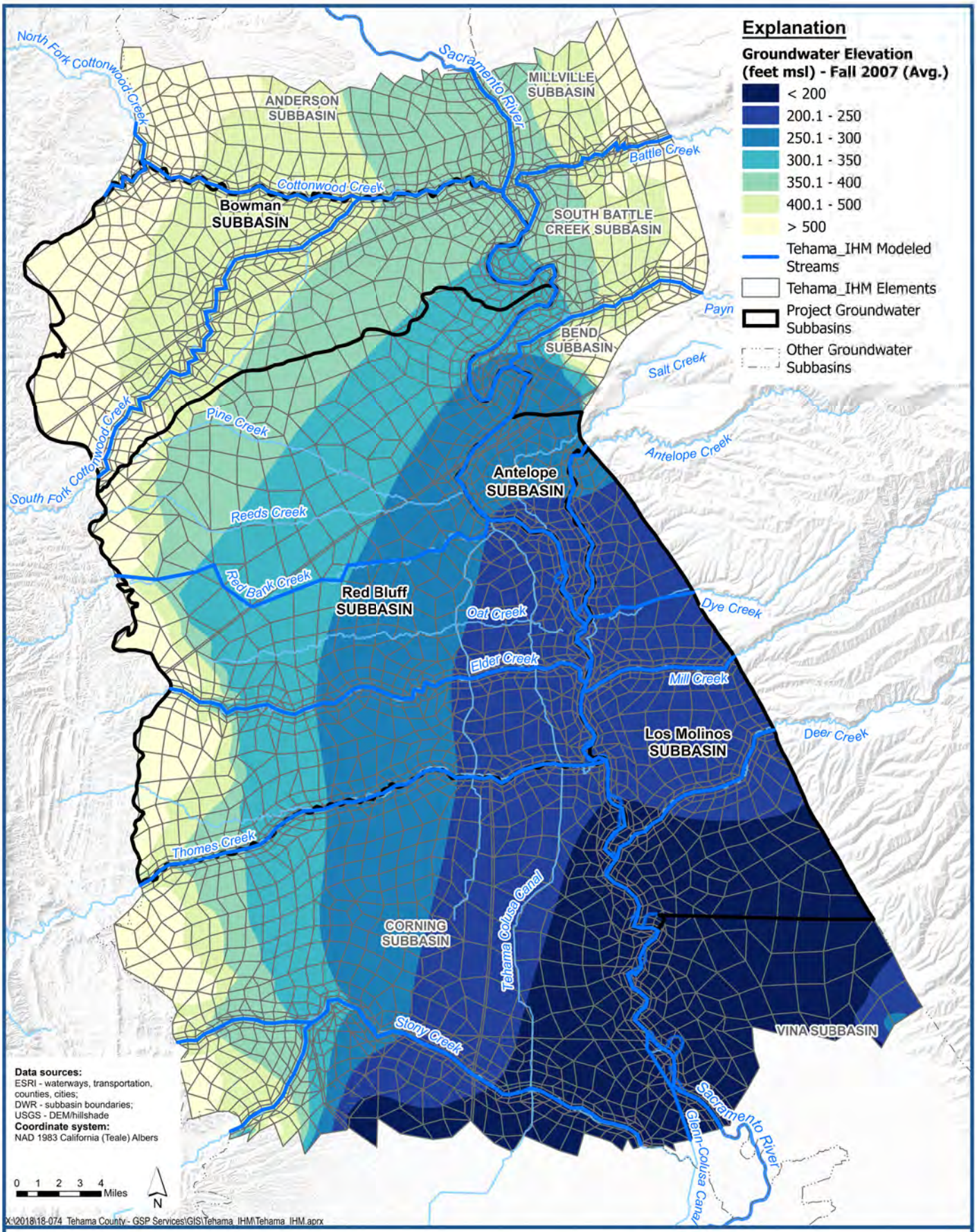
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Spring 2007
Lower Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-15



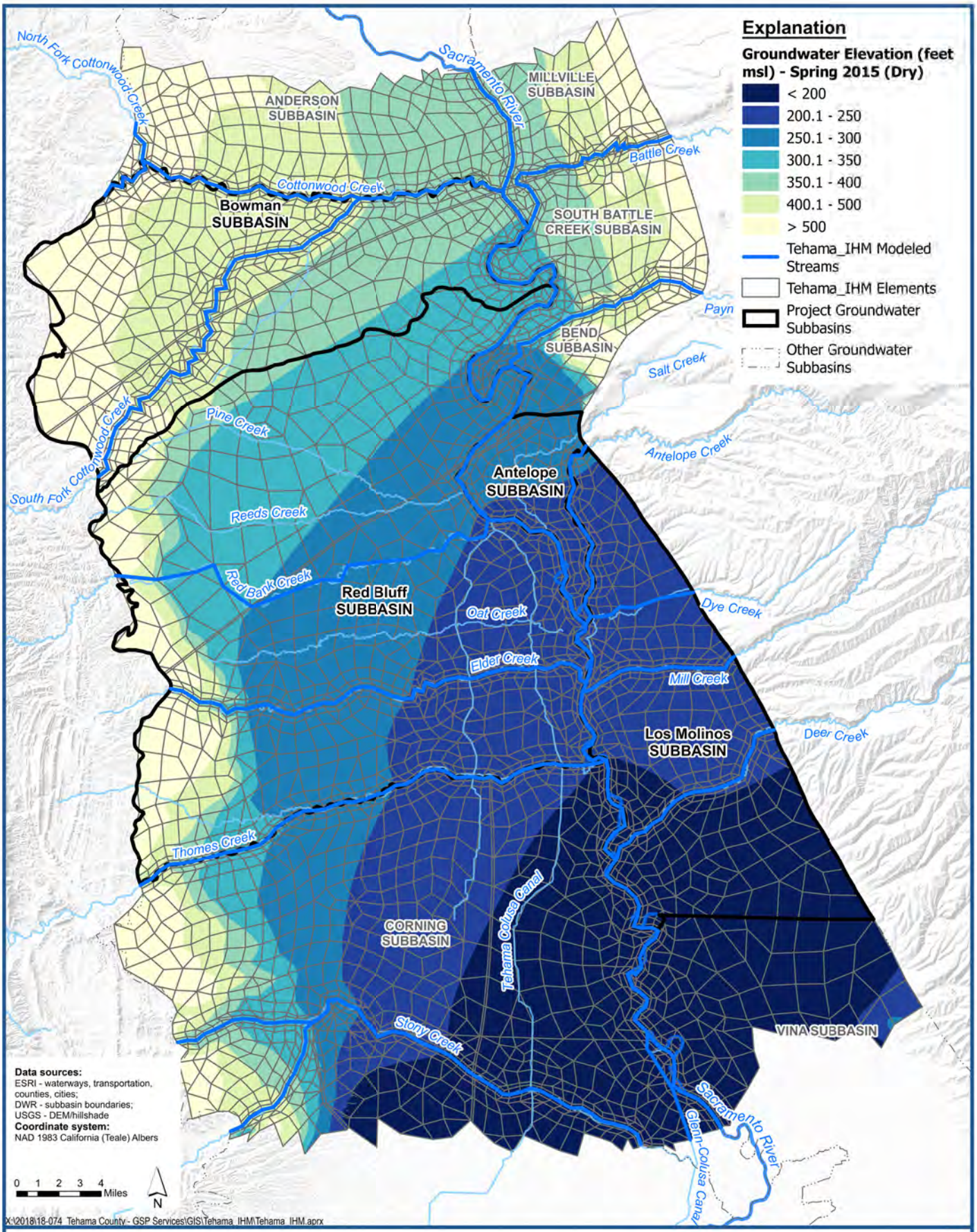
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Fall 2007
Lower Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-16



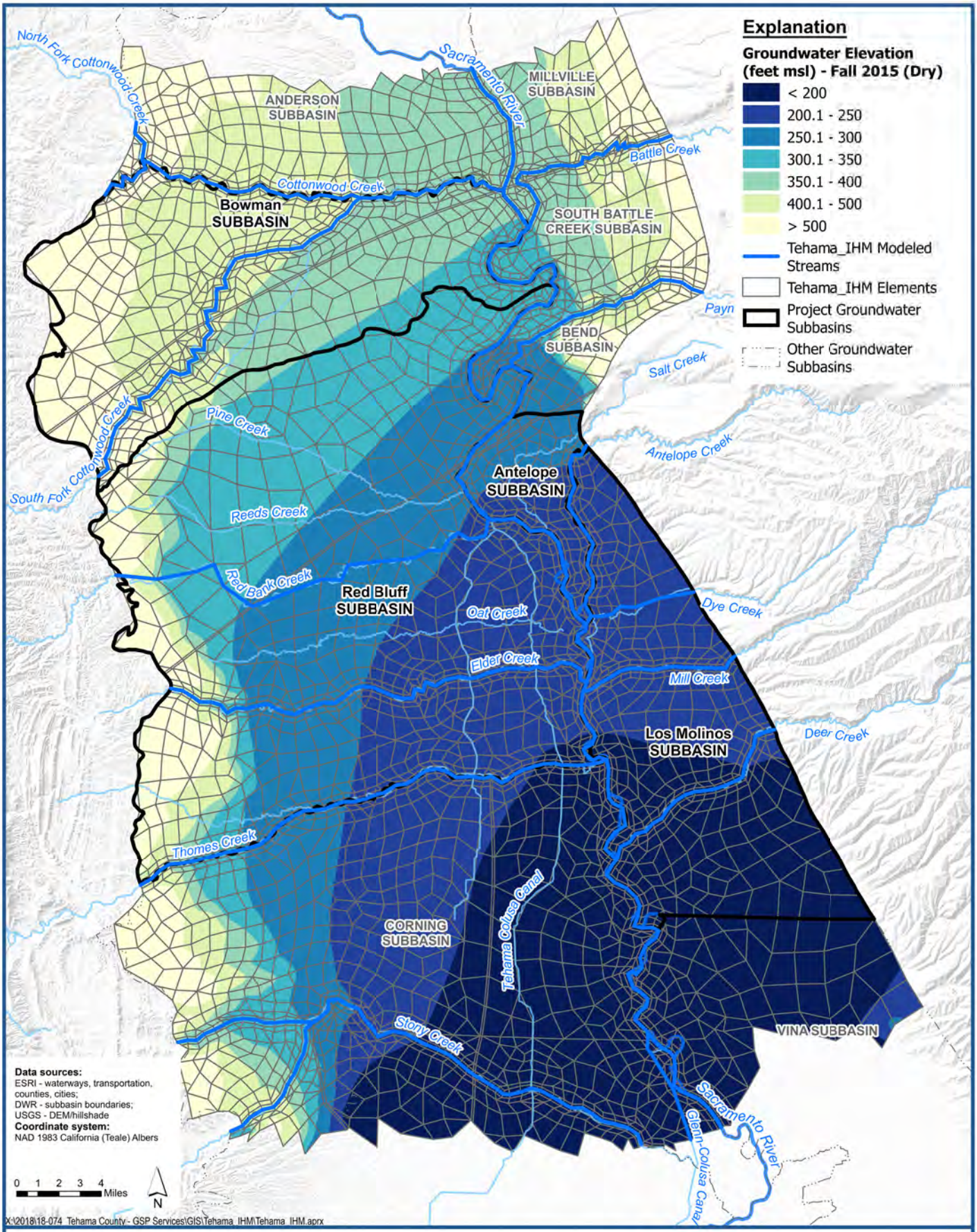
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Spring 2015
Lower Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-17



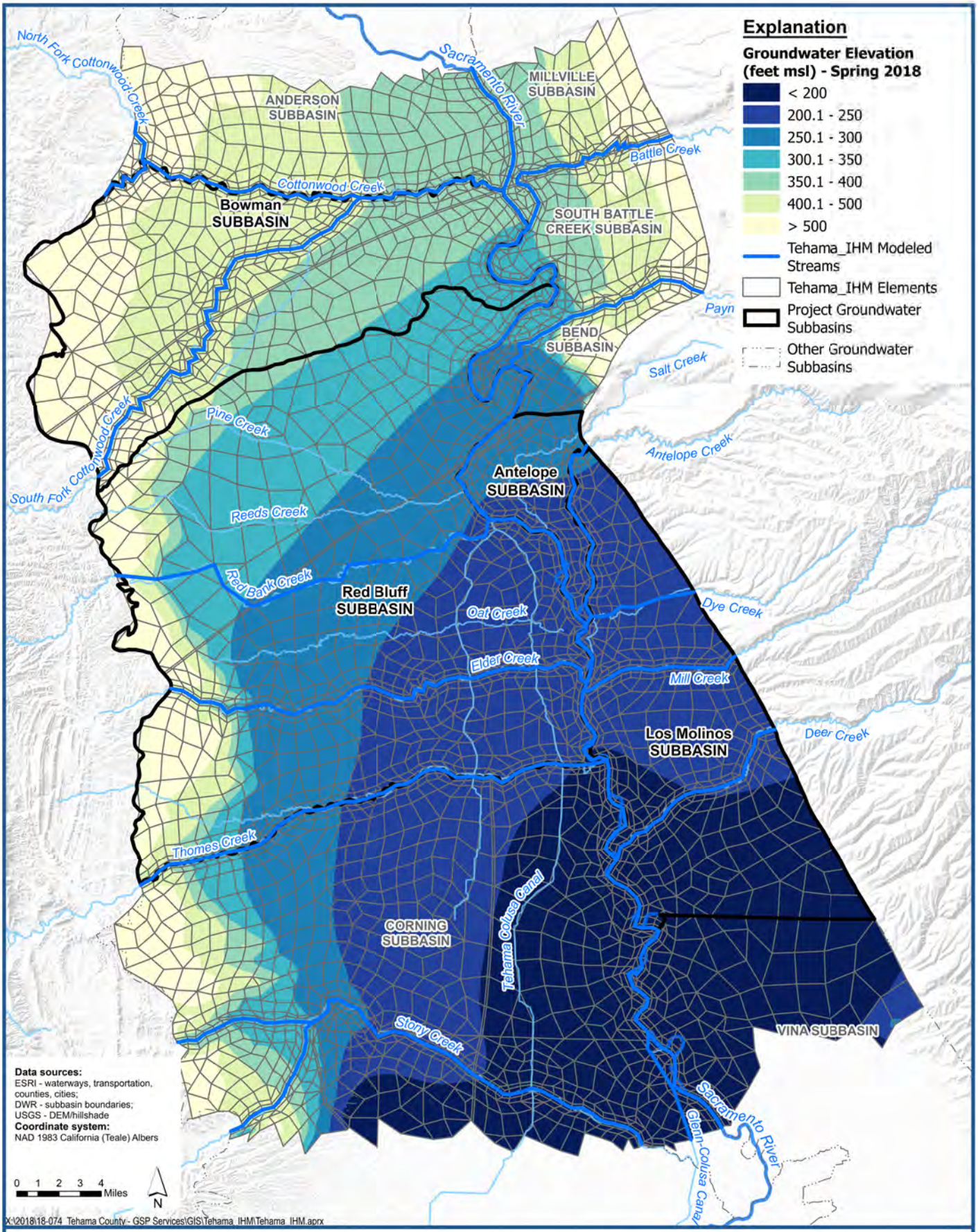
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Fall 2015
Lower Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-18



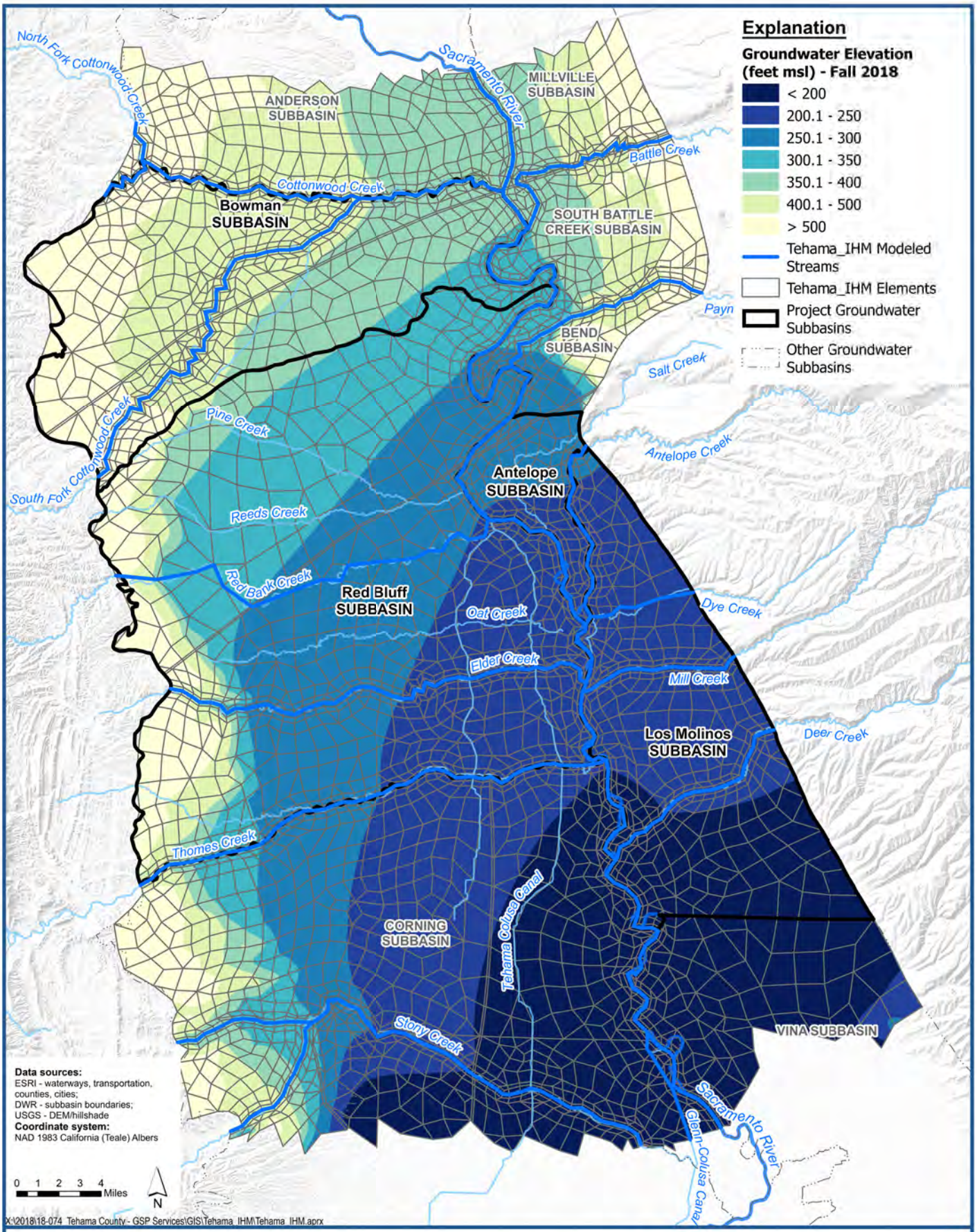
TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Spring 2018
Lower Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-19



TEHAMA COUNTY

LSCE Team

Groundwater Surface Elevation: Fall 2018
Lower Aquifer

Groundwater Sustainability Plan
Tehama County, California

Figure F-20

Appendix G. Tehama IHM Simulated Streamflows

APPENDIX G

Tehama IHM Simulated Streamflows

G-1 Historical Model Results

G-2 Projected (Current Land Use) Model Results

G-3 Projected (Future Land Use) Model Results

G-4 Projected (Current Land Use) with Climate Change (2030) Model Results

G-5 Projected (Current Land Use) with Climate Change (2070) Model Results

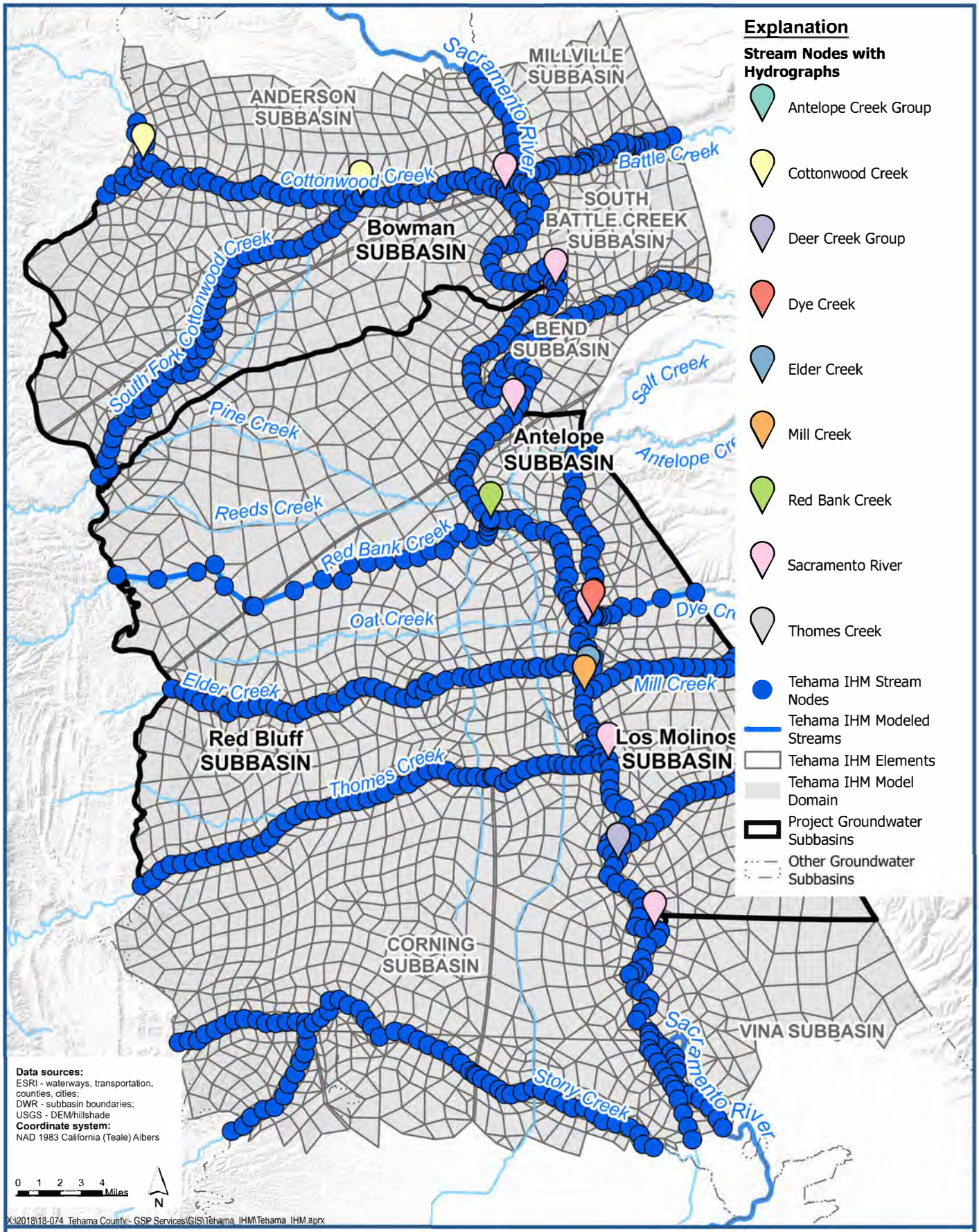
G-6 Projected (Future Land Use) with Climate Change (2030) Model Results

G-7 Projected (Future Land Use) with Climate Change (2070) Model Results

G-8 Projected (Future Land Use) with Projects and Climate Change (2070) Model Results

G-9 Comparison of Model Scenarios

G-10 Historical Losing/Gaining Streams Maps



TEHAMA COUNTY

LSCE Team

Map of Stream Nodes with Hydrographs

Groundwater Sustainability Planning
Tehama County, California

Figure G-1

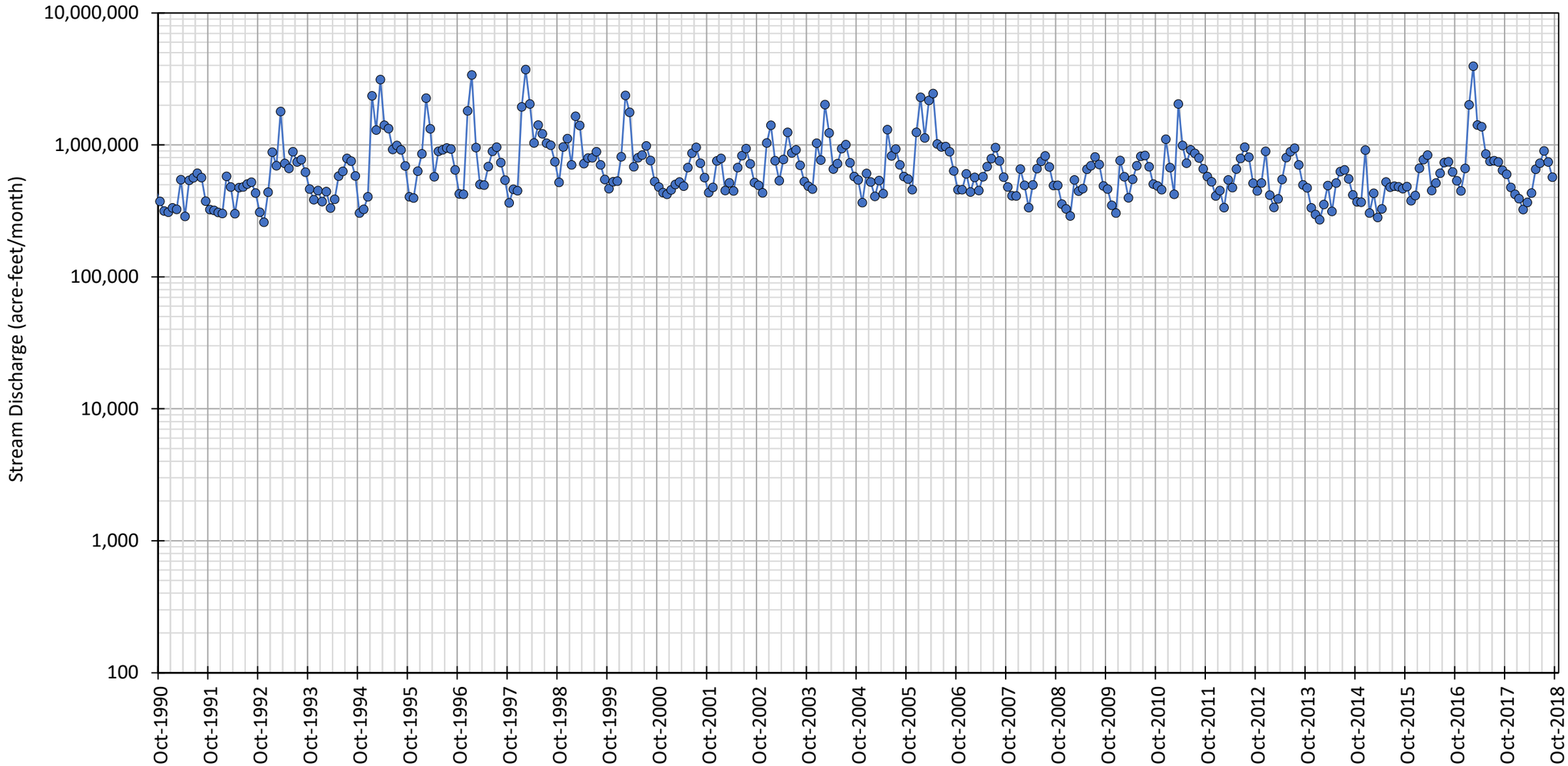
APPENDIX G-1

Tehama IHM Simulated Streamflows:

Historical Model Results

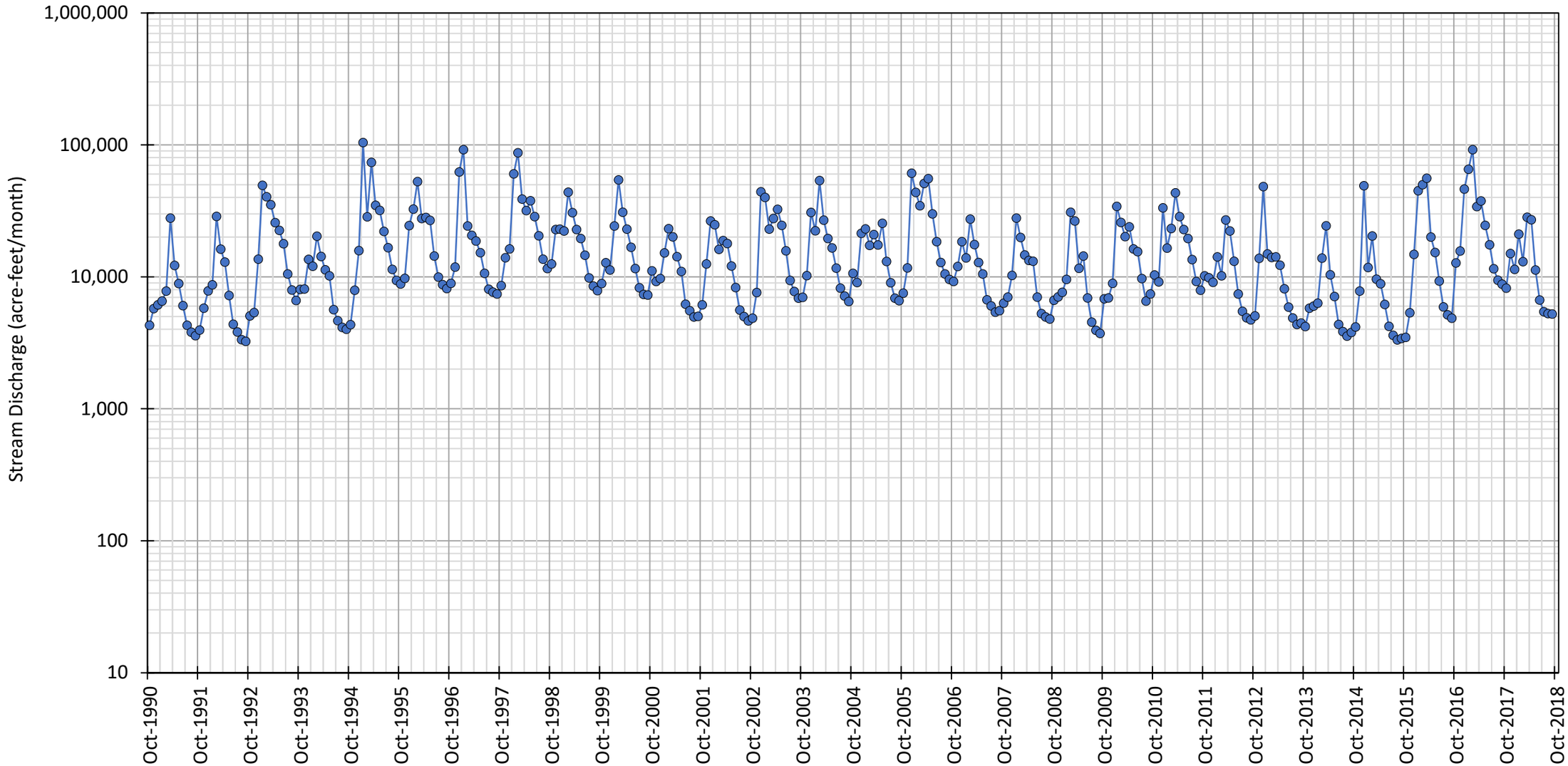
Inflow from Sacramento River at Antelope Subbasin Boundary

Antelope Subbasin



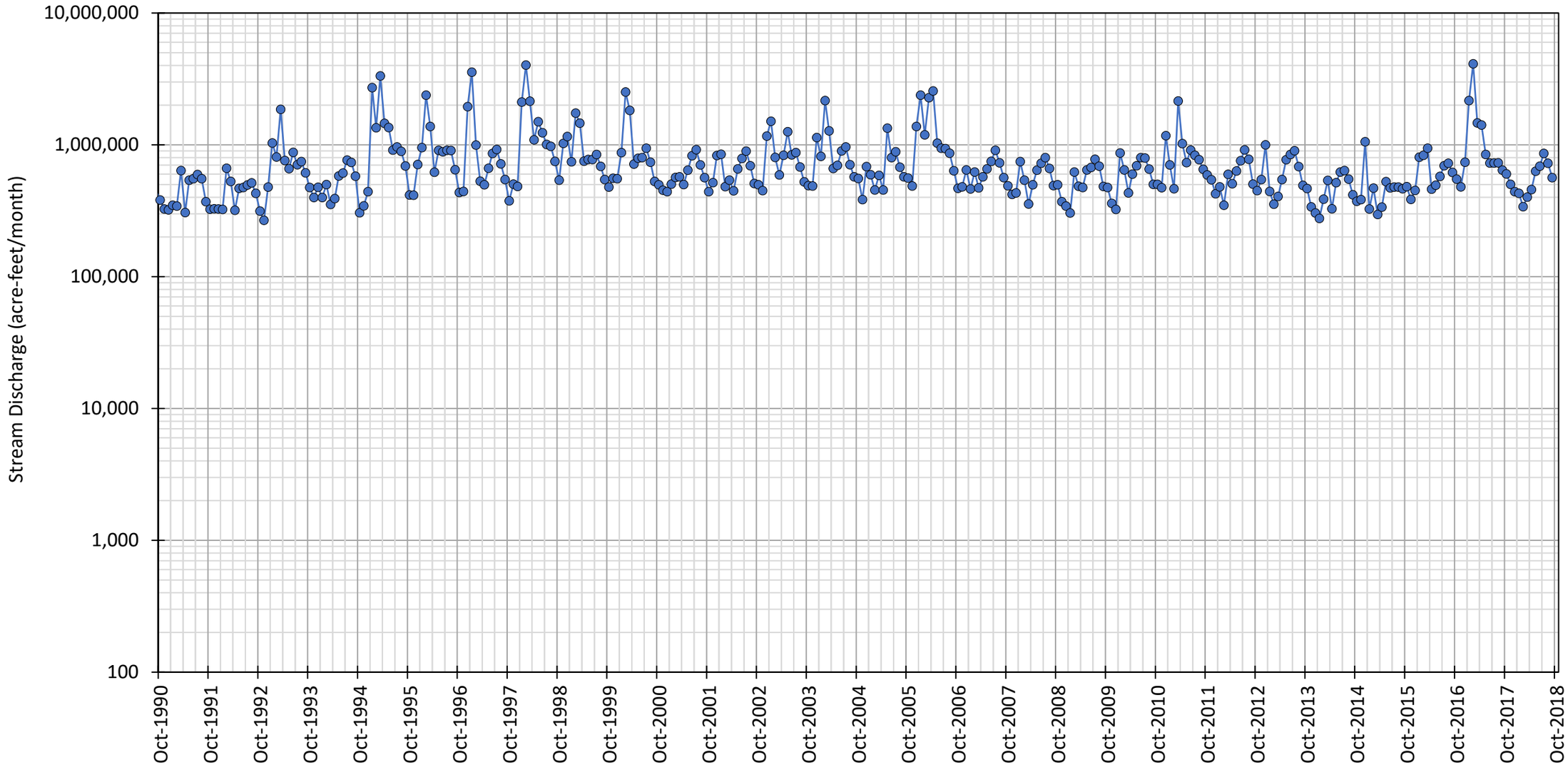
Outflow from Antelope Creek Group to Sacramento River

Antelope Subbasin



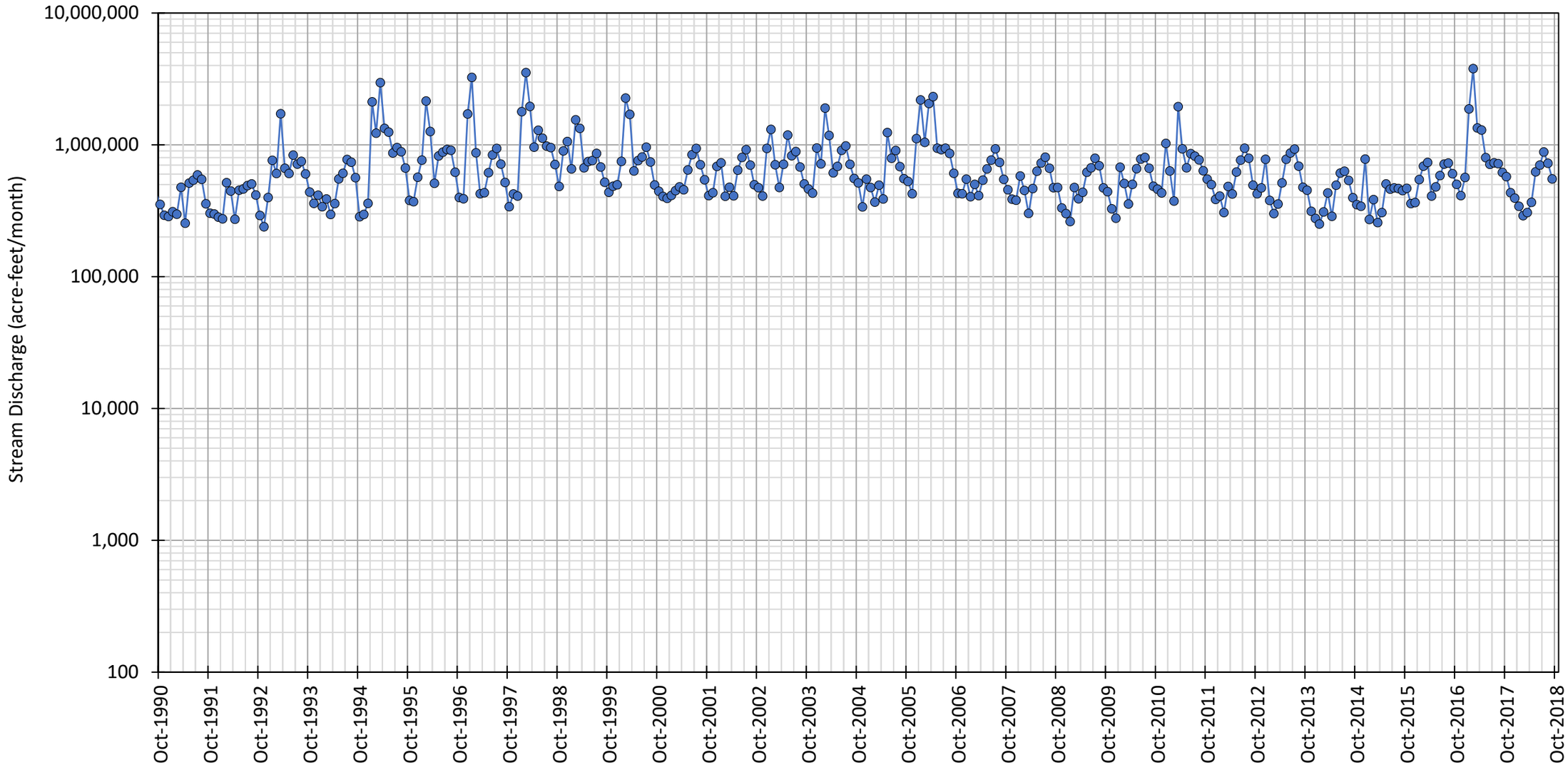
Outflow from Sacramento River at Antelope Subbasin Boundary

Antelope Subbasin



Inflow from Sacramento River at Bowman Subbasin Boundary

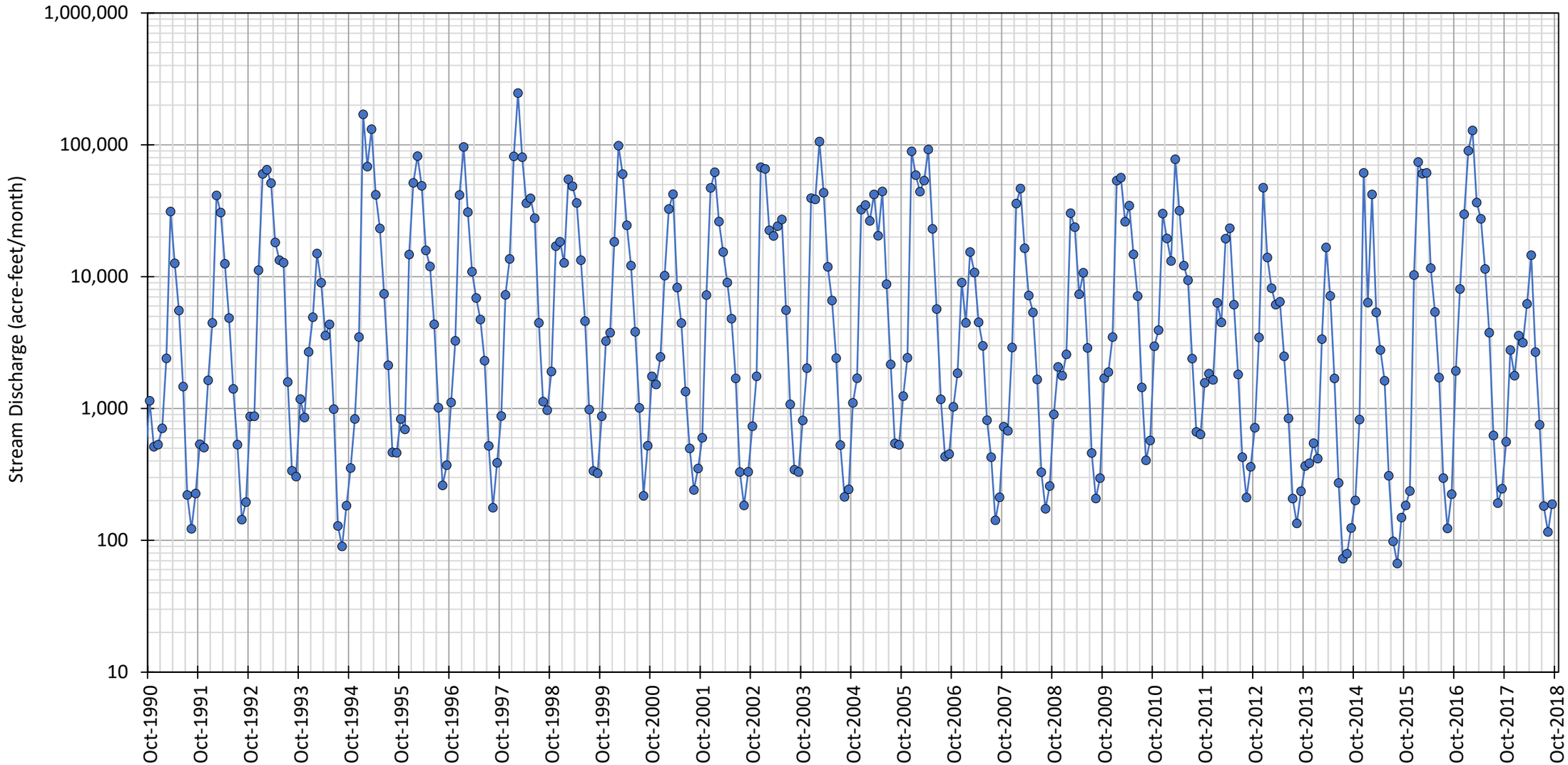
Bowman Subbasin



Tehama IHM - Historical

Outflow from MF Cottonwood Creek to Cottonwood Creek

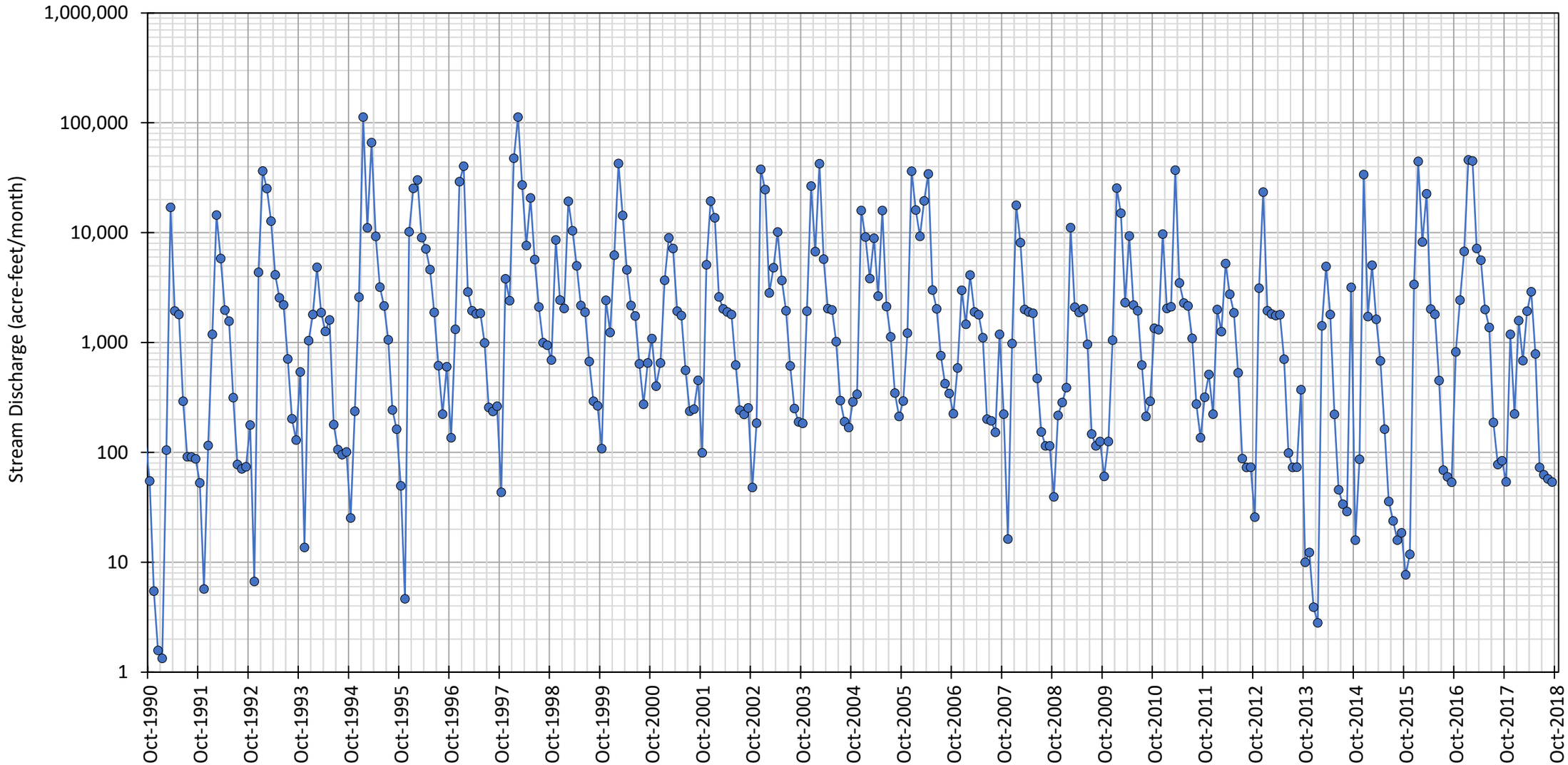
Bowman Subbasin



Tehama IHM - Historical

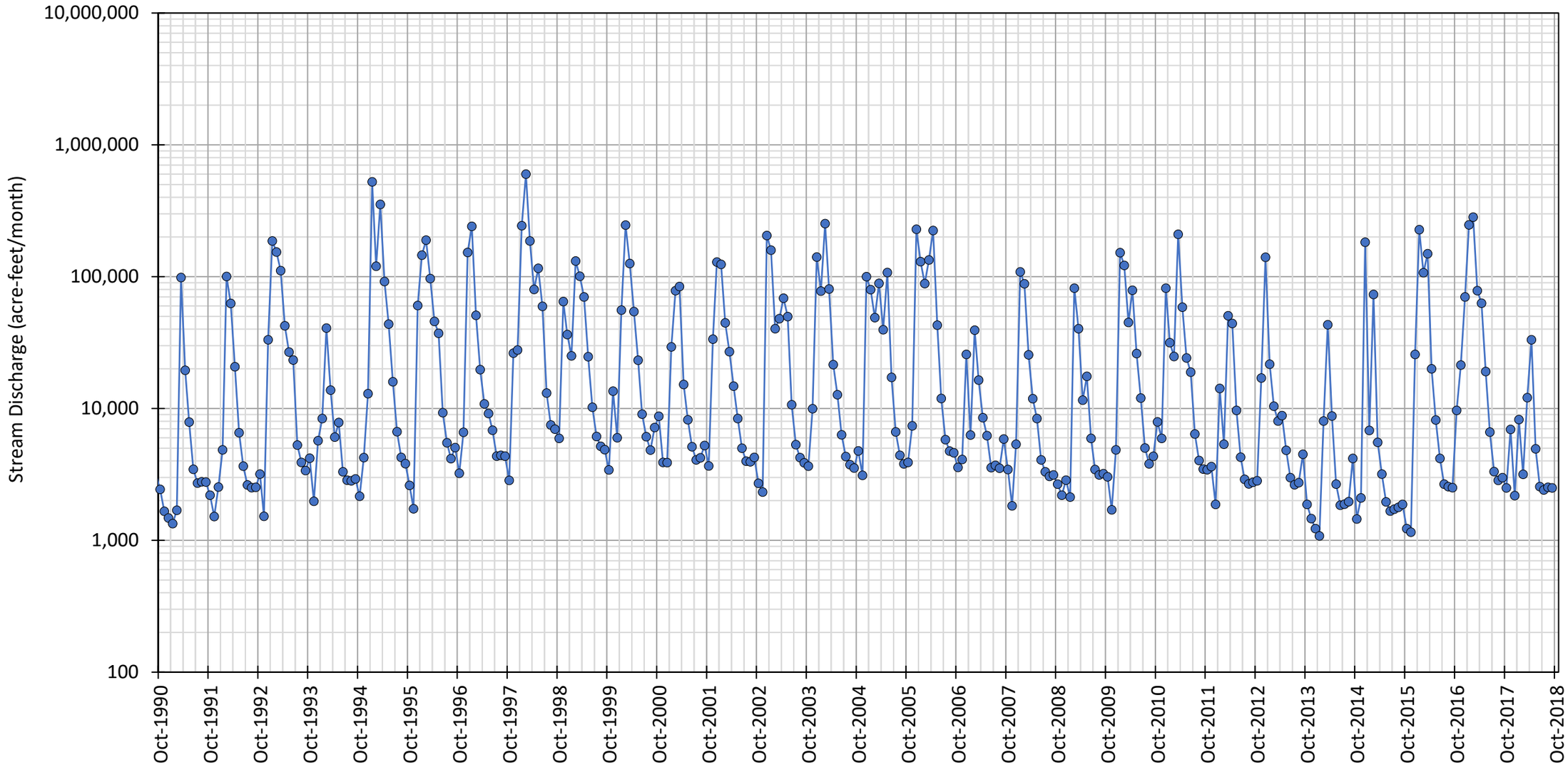
Outflow from SF Cottonwood Creek to Cottonwood Creek

Bowman Subbasin



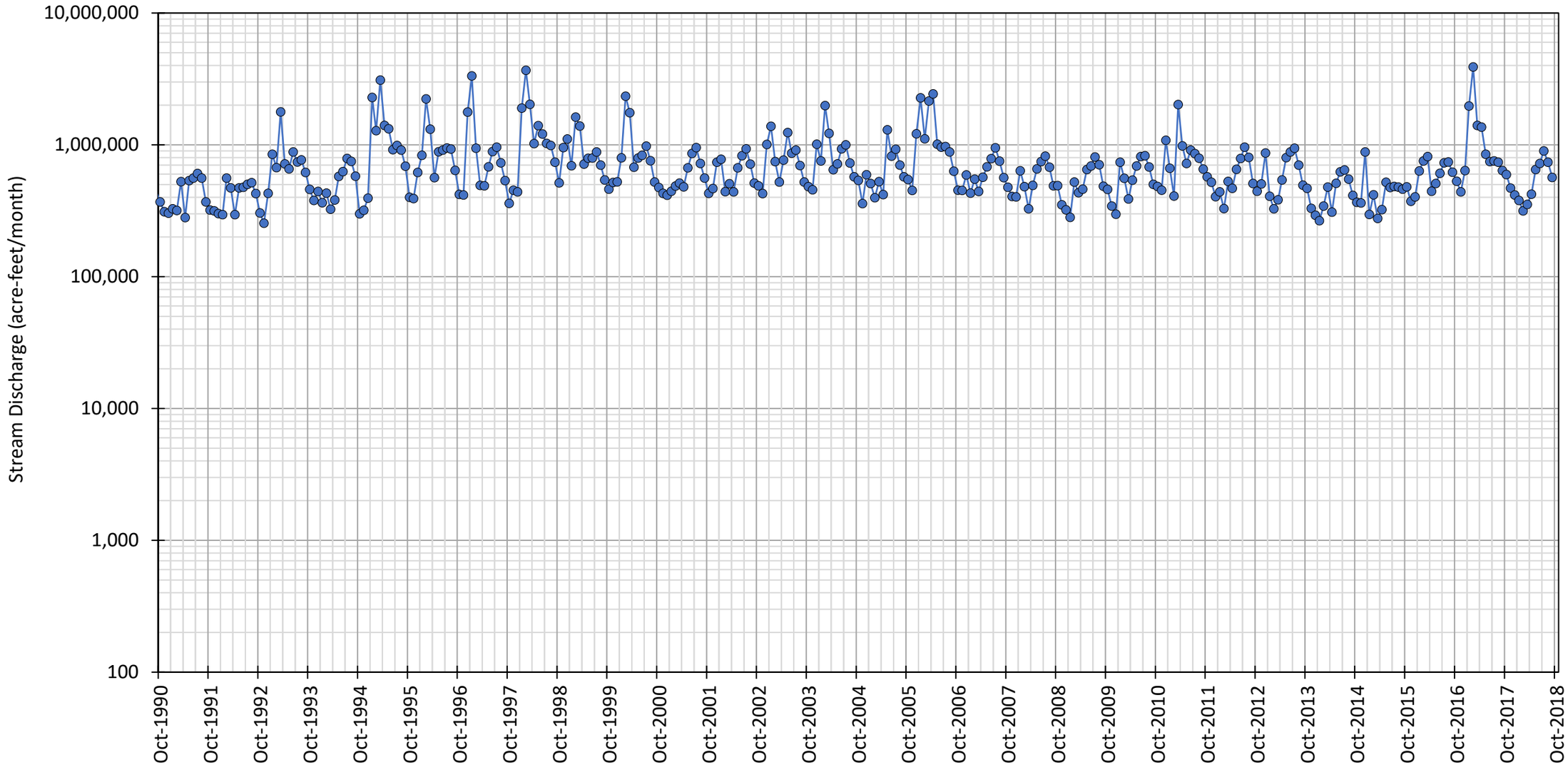
Outflow from Cottonwood Creek to Sacramento River

Bowman Subbasin



Outflow from Sacramento River at Bowman Subbasin Boundary

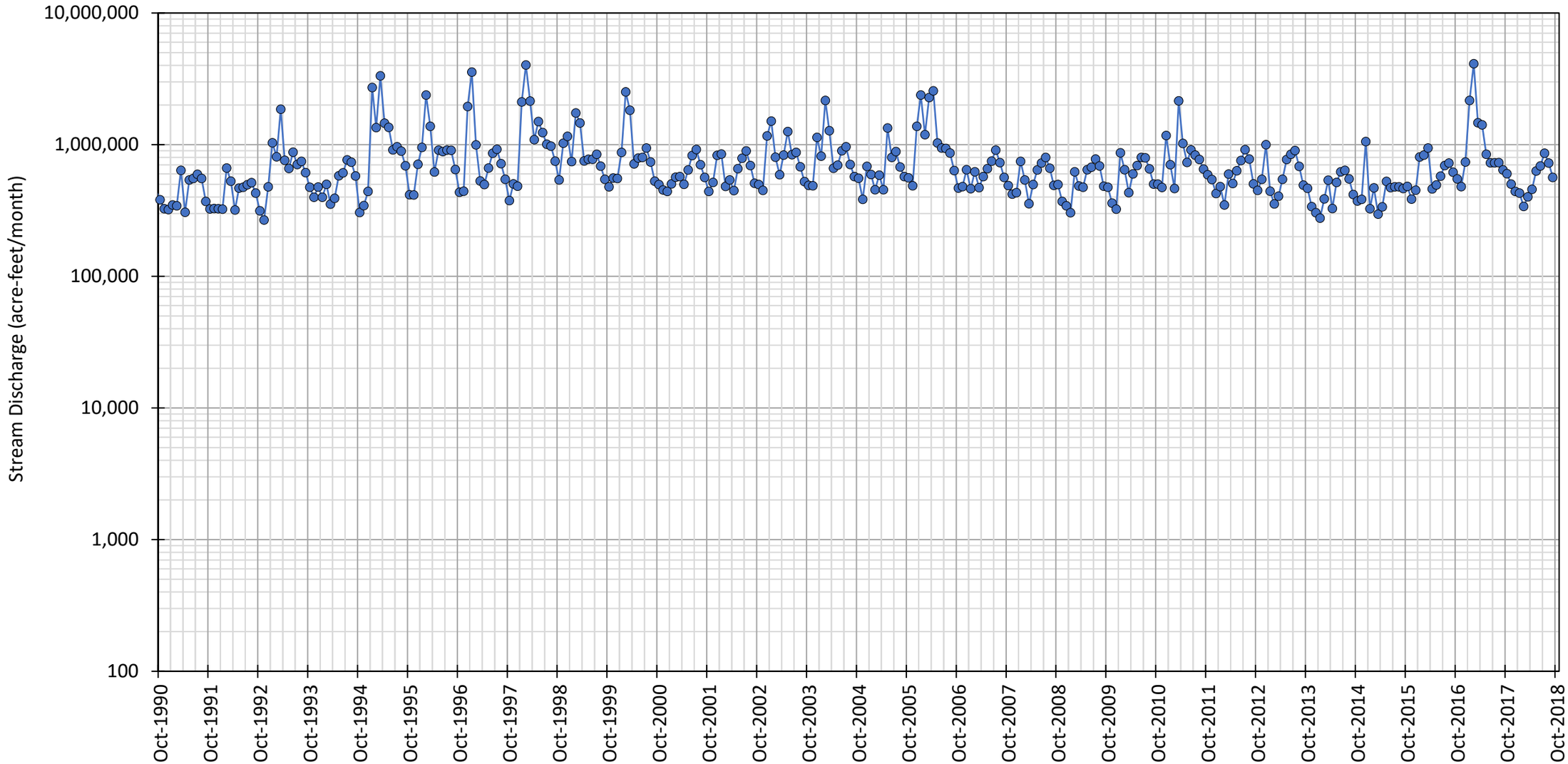
Bowman Subbasin



Tehama IHM - Historical

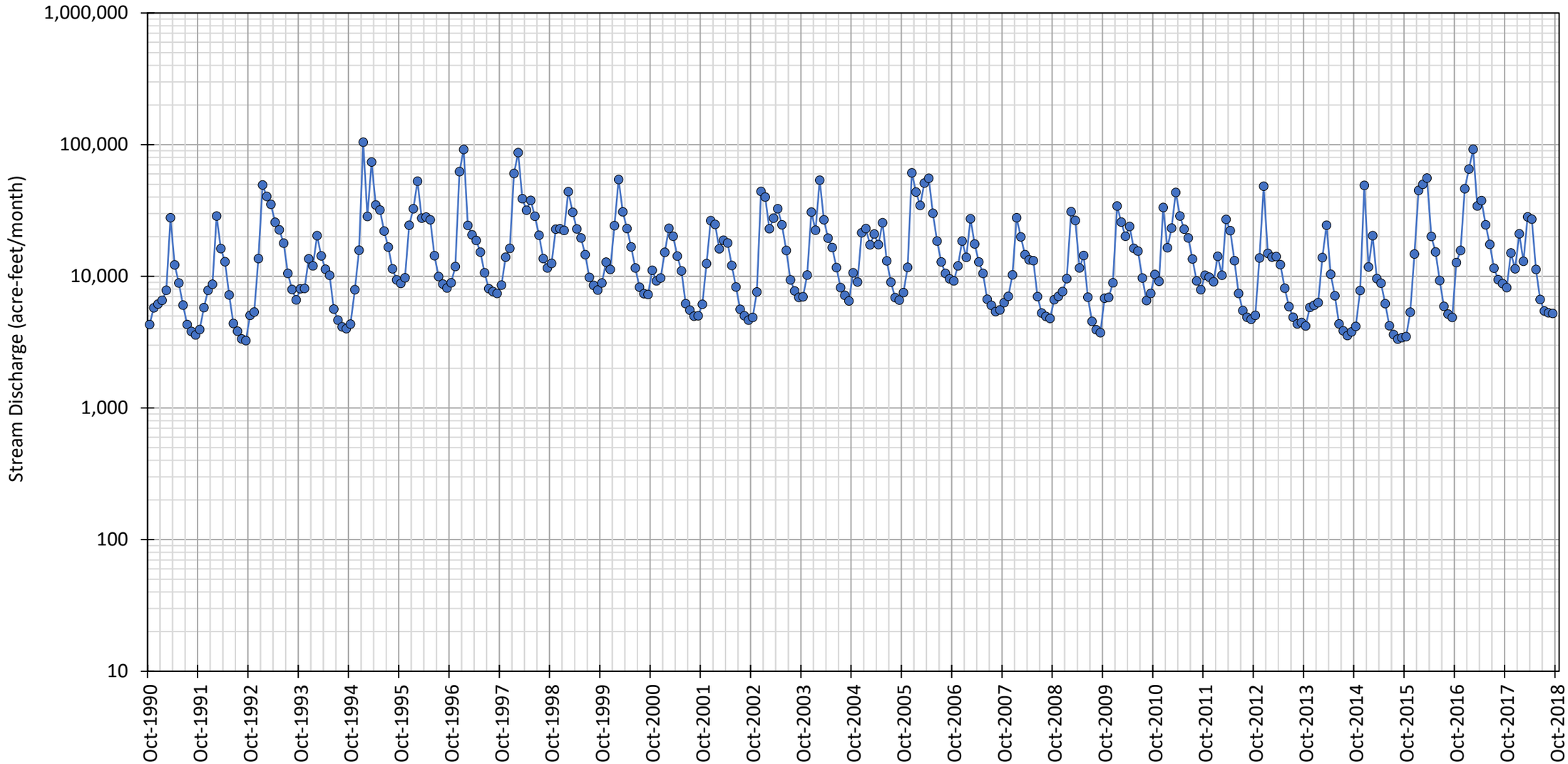
Inflow from Sacramento River at Los Molinos Subbasin Boundary

Los Molinos Subbasin



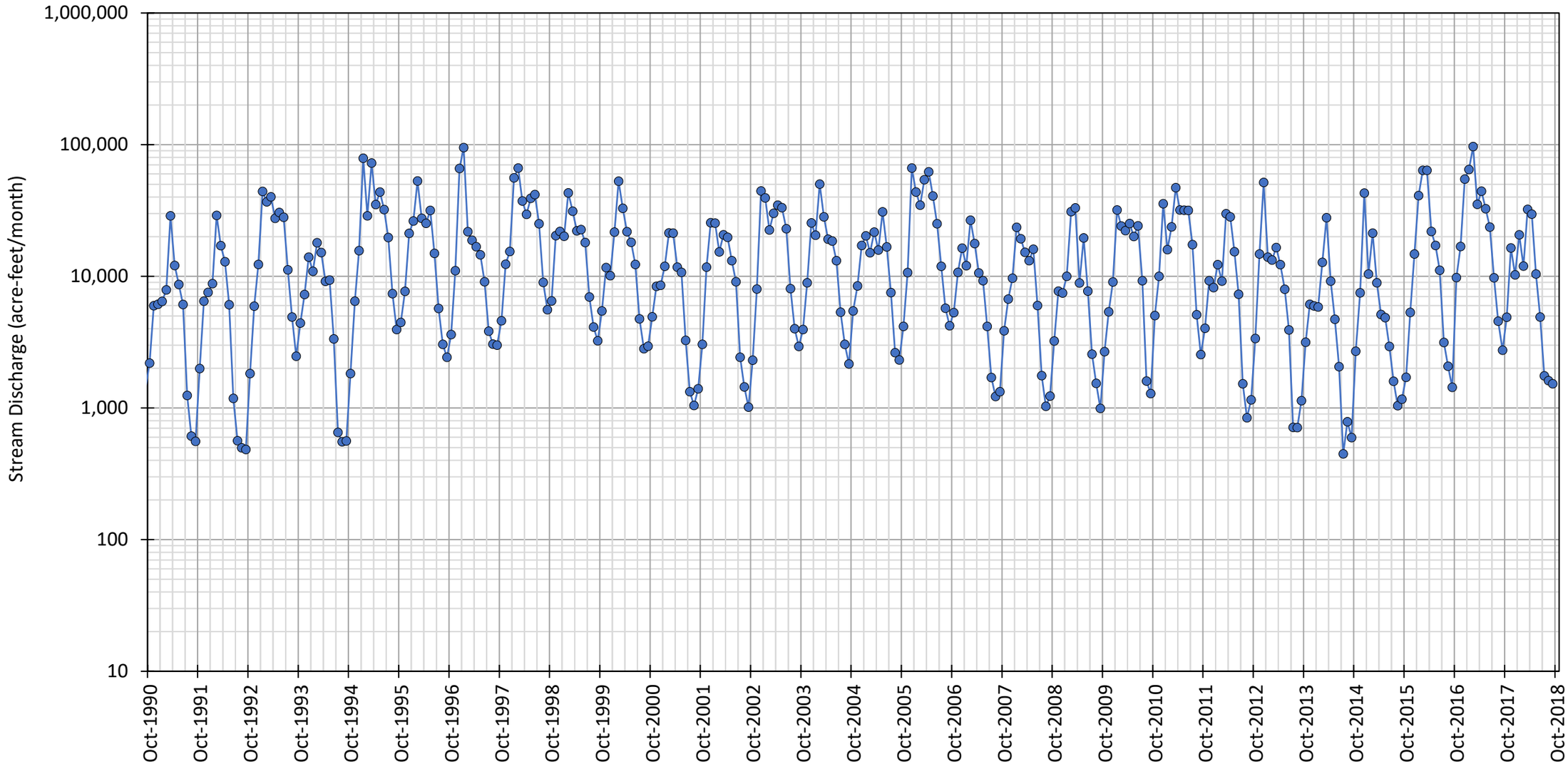
Outflow from Antelope Creek Group to Sacramento River

Los Molinos Subbasin



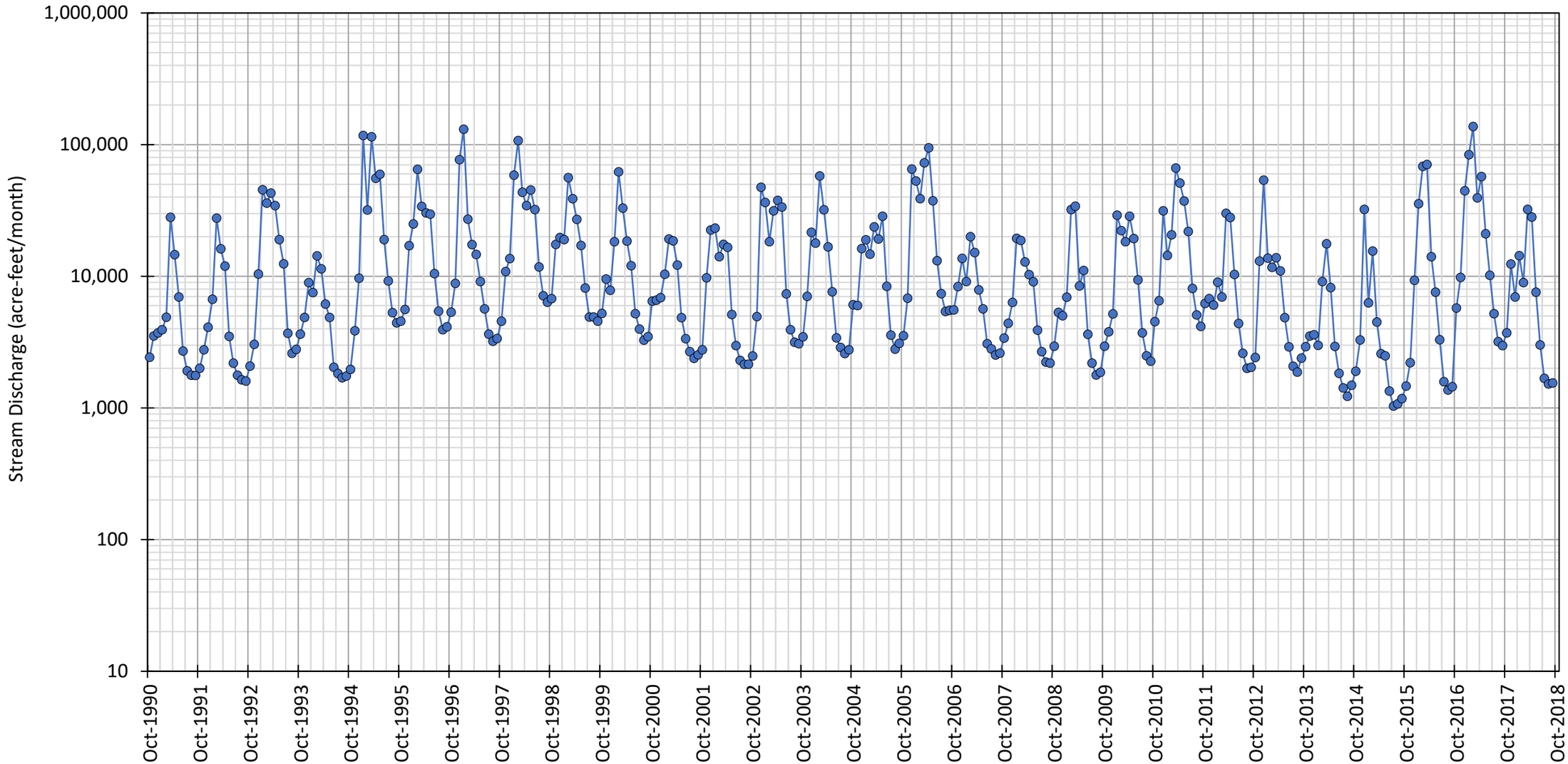
Outflow from Mill Creek to Sacramento River

Los Molinos Subbasin



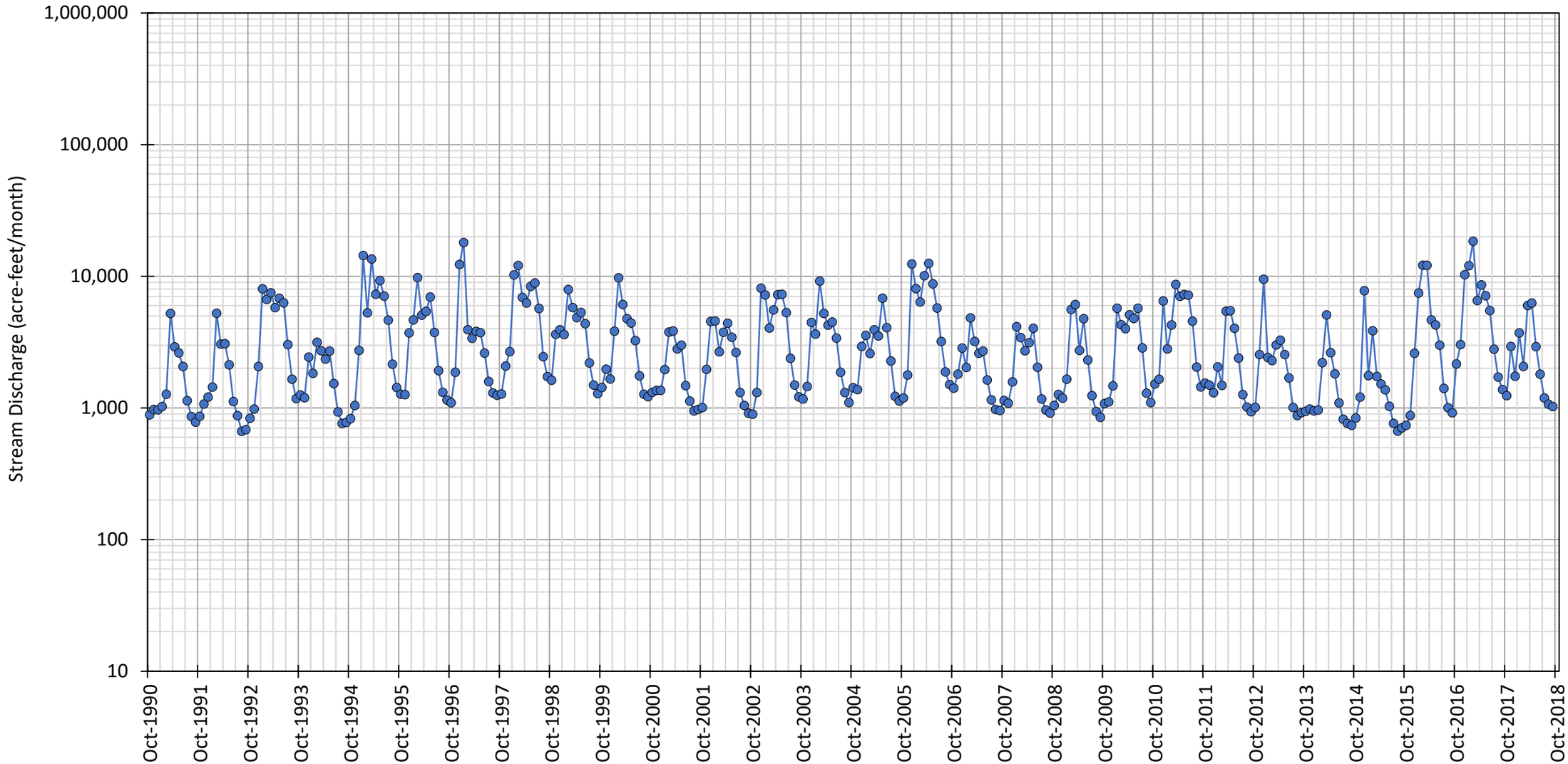
Outflow from Deer Creek Group to Sacramento River

Los Molinos Subbasin



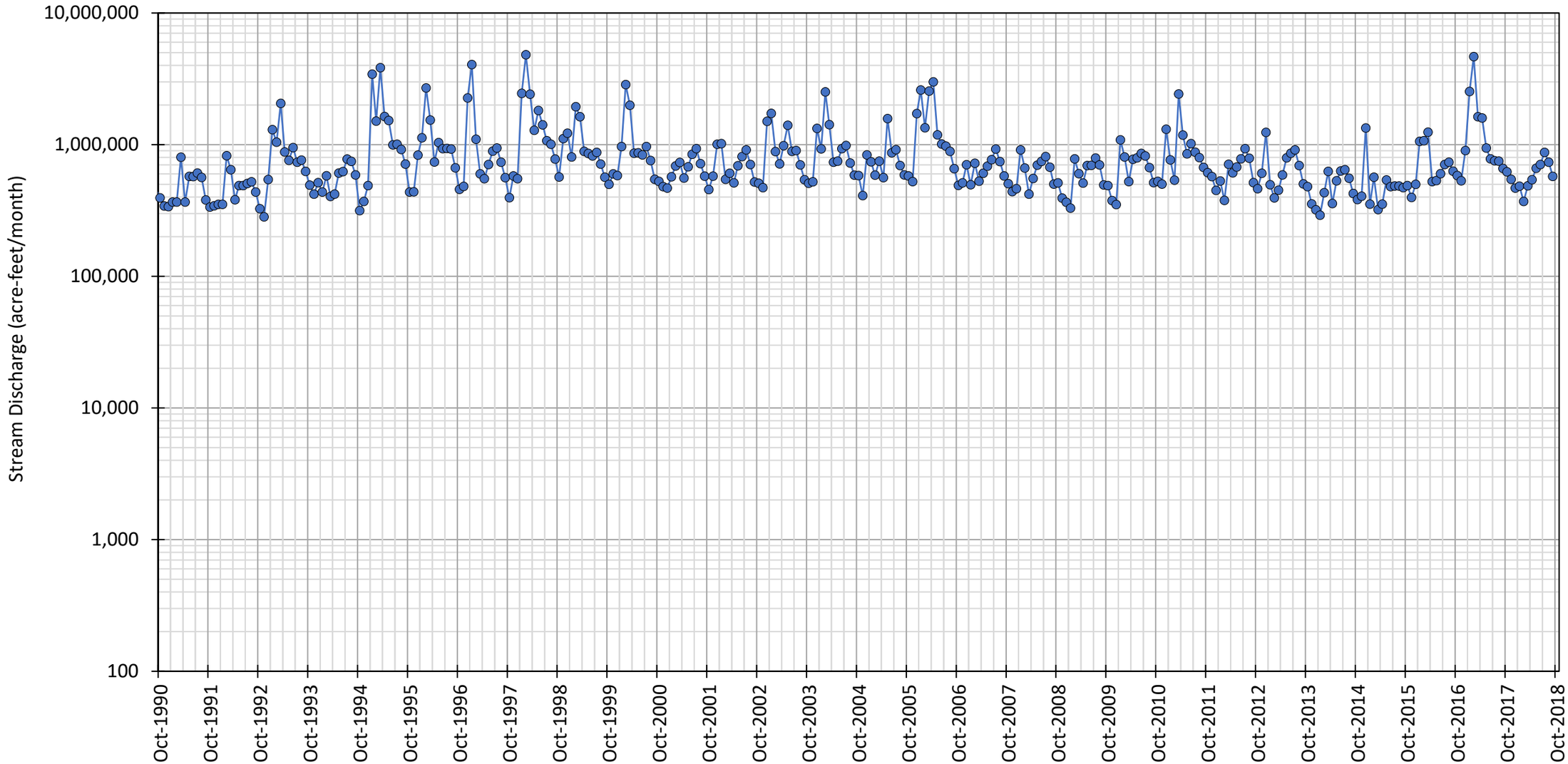
Outflow from Dye Creek to Sacramento River

Los Molinos Subbasin



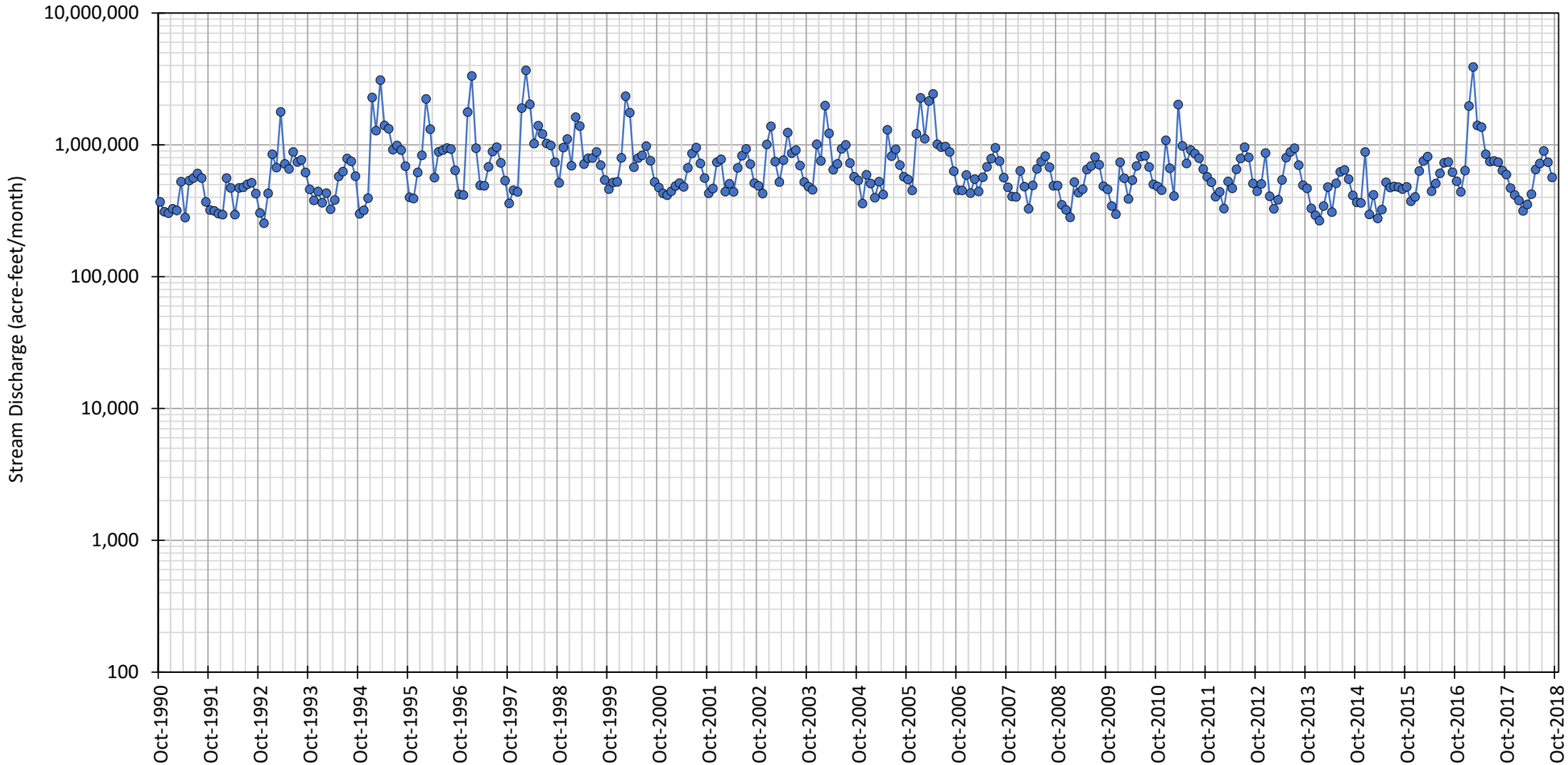
Outflow from Sacramento River at Los Molinos Subbasin Boundary

Los Molinos Subbasin



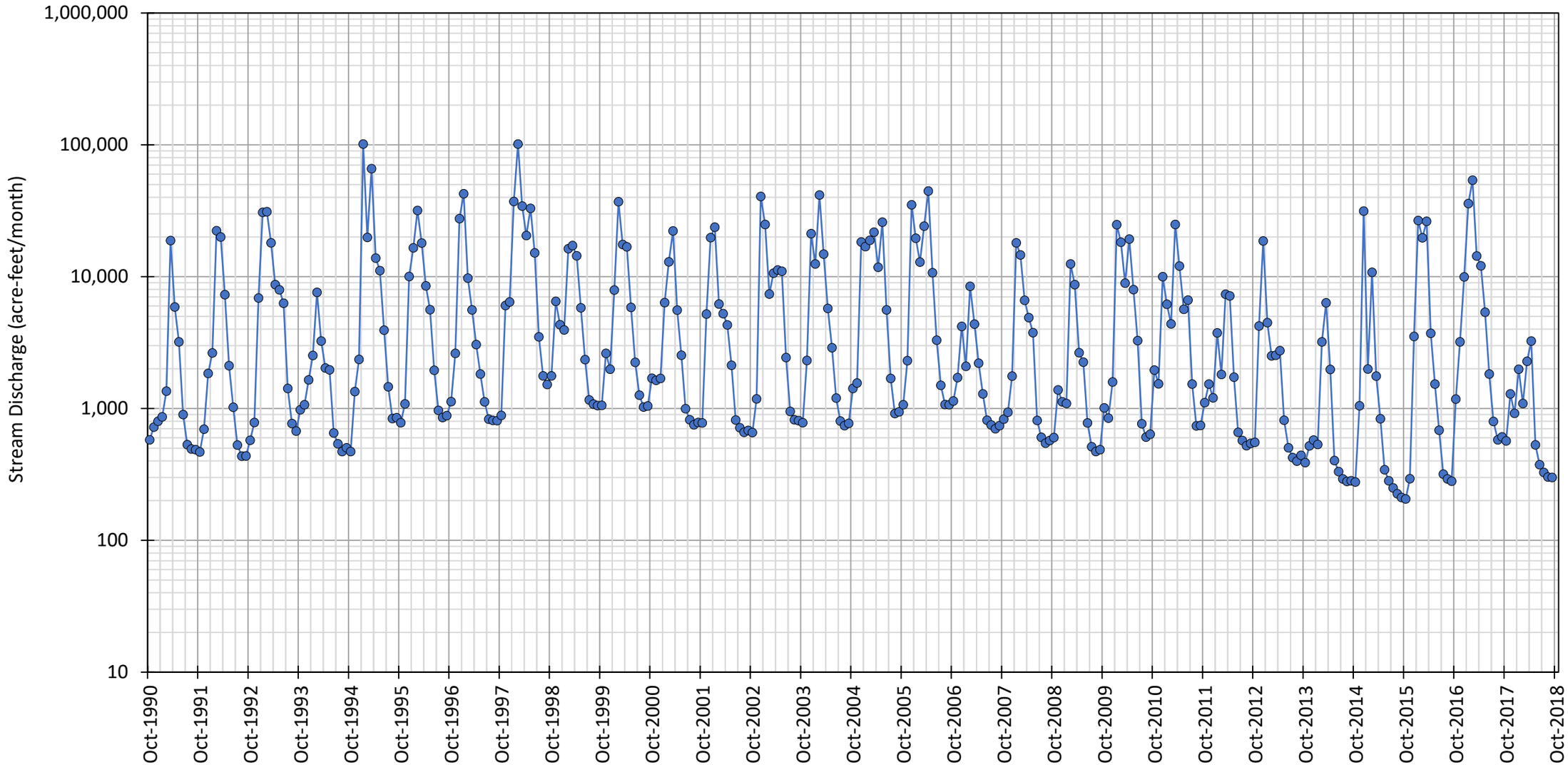
Inflow from Sacramento River at Red Bluff Subbasin Boundary

Red Bluff Subbasin



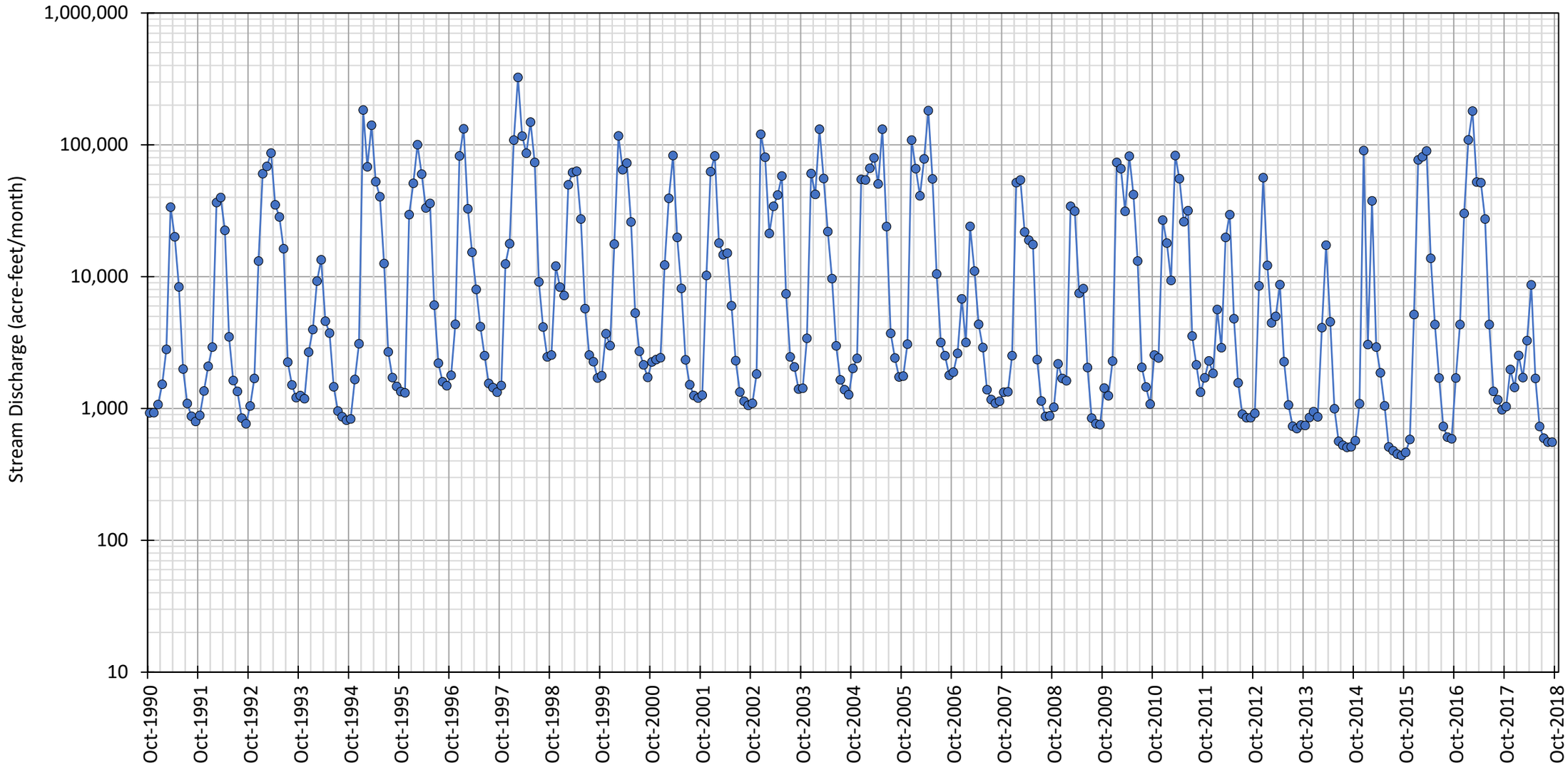
Outflow from Elder Creek to Sacramento River

Red Bluff Subbasin



Outflow from Thomes Creek to Sacramento River

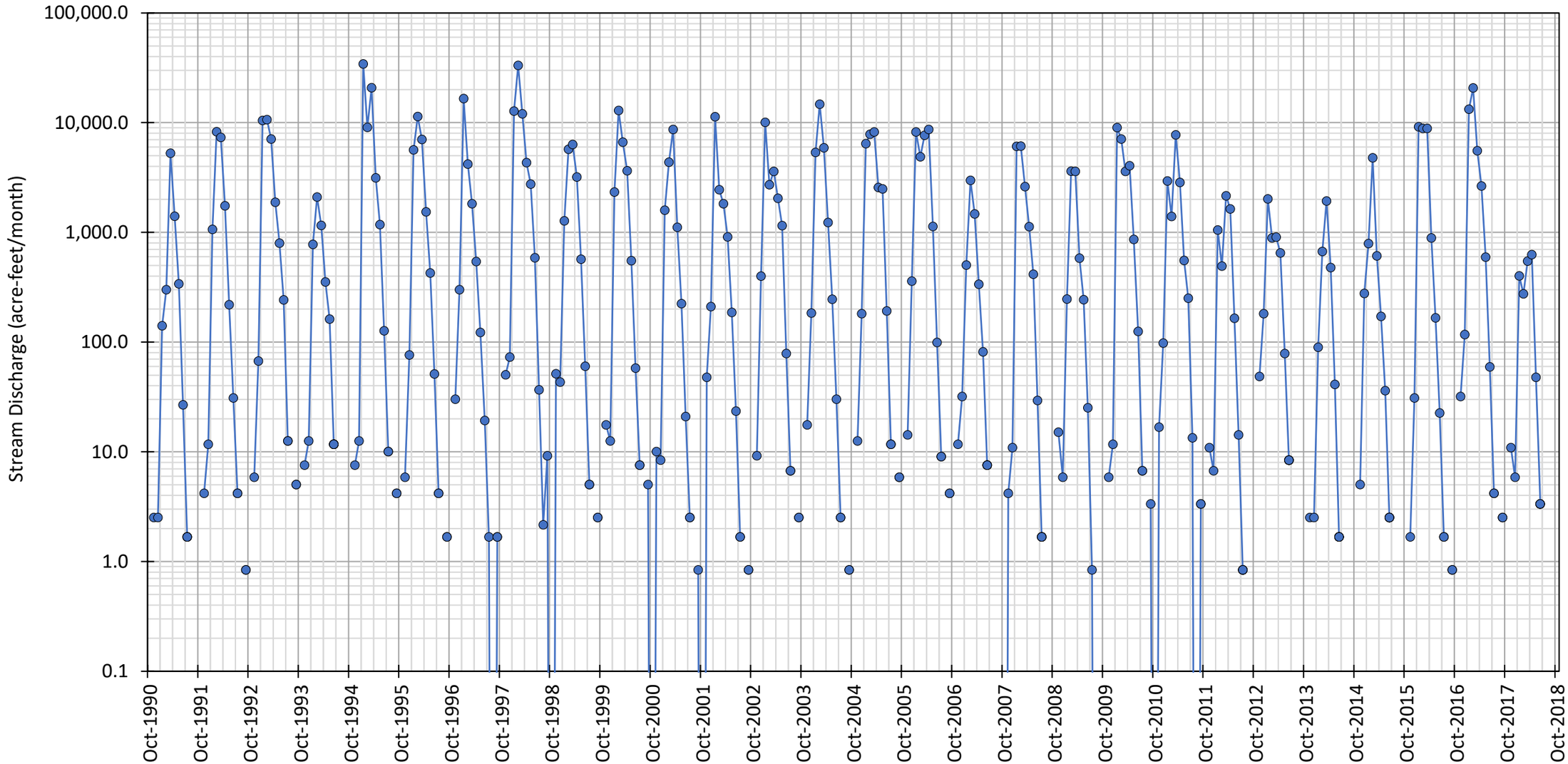
Red Bluff Subbasin



Tehama IHM - Historical

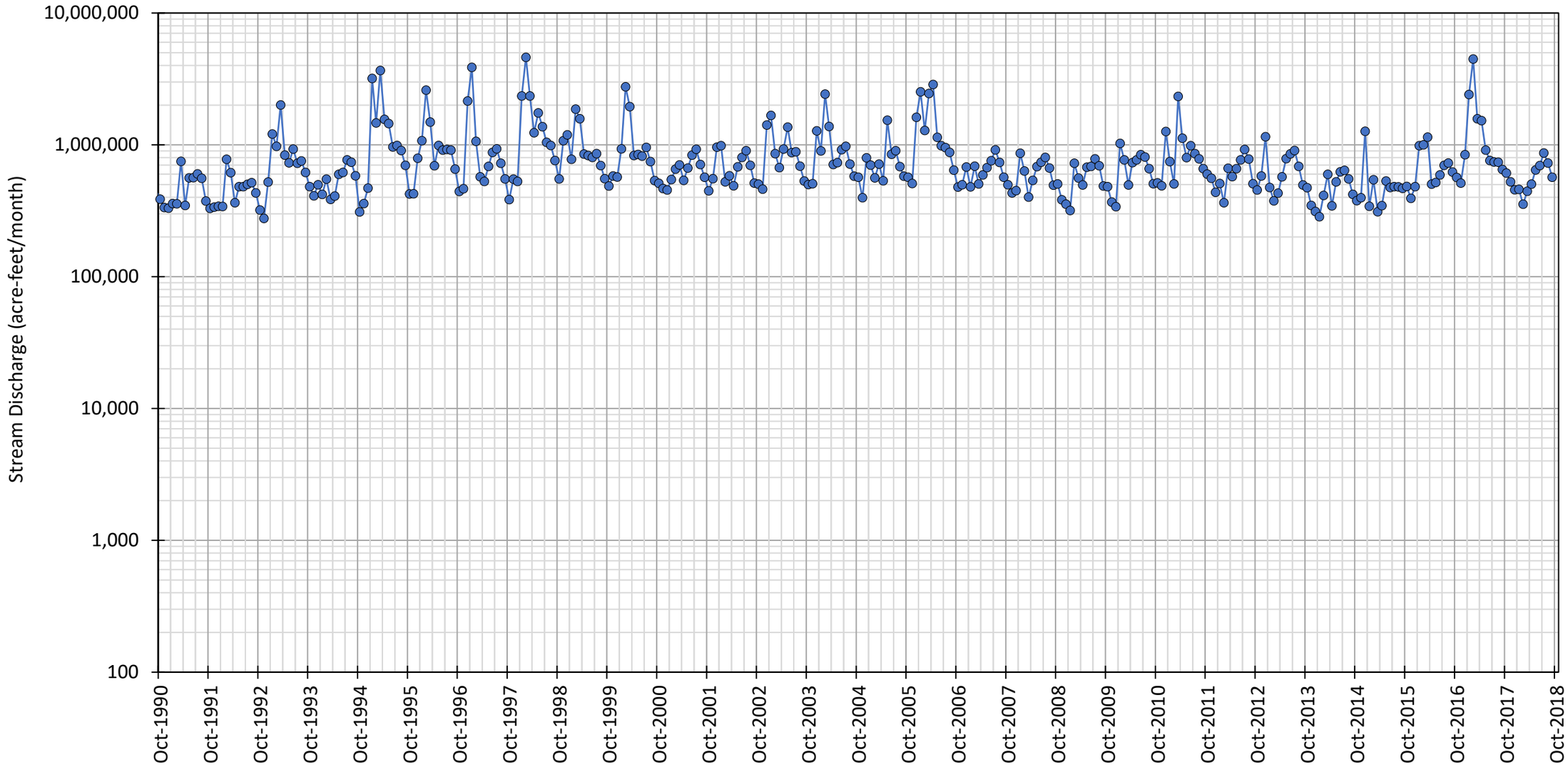
Outflow from Red Bank Creek to Sacramento River

Red Bluff Subbasin



Outflow from Sacramento River at Red Bluff Subbasin Boundary

Red Bluff Subbasin



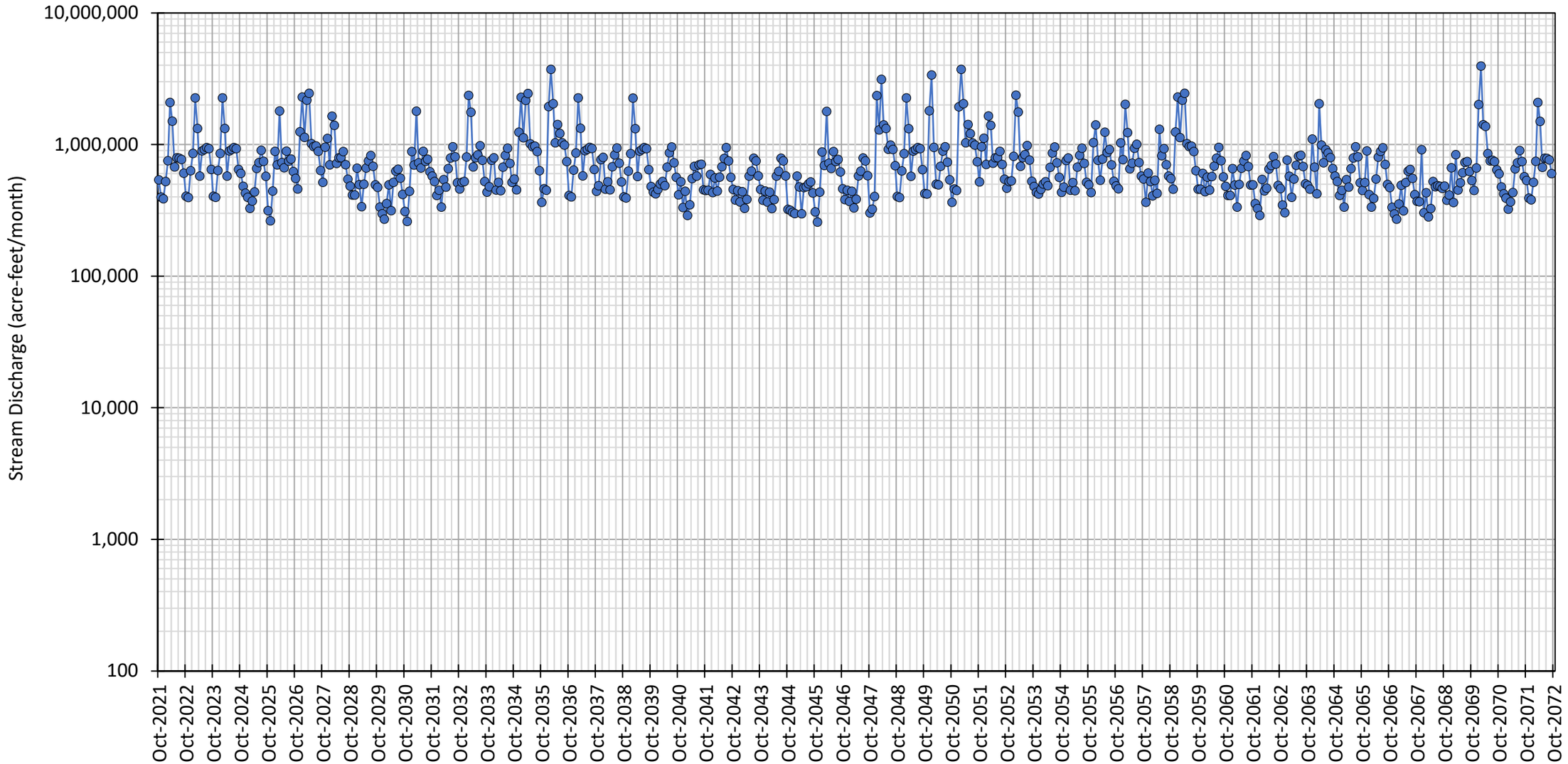
APPENDIX G-2

Tehama IHM Simulated Streamflows:

Projected (Current Land Use) Model Results

Inflow from Sacramento River at Antelope Subbasin Boundary

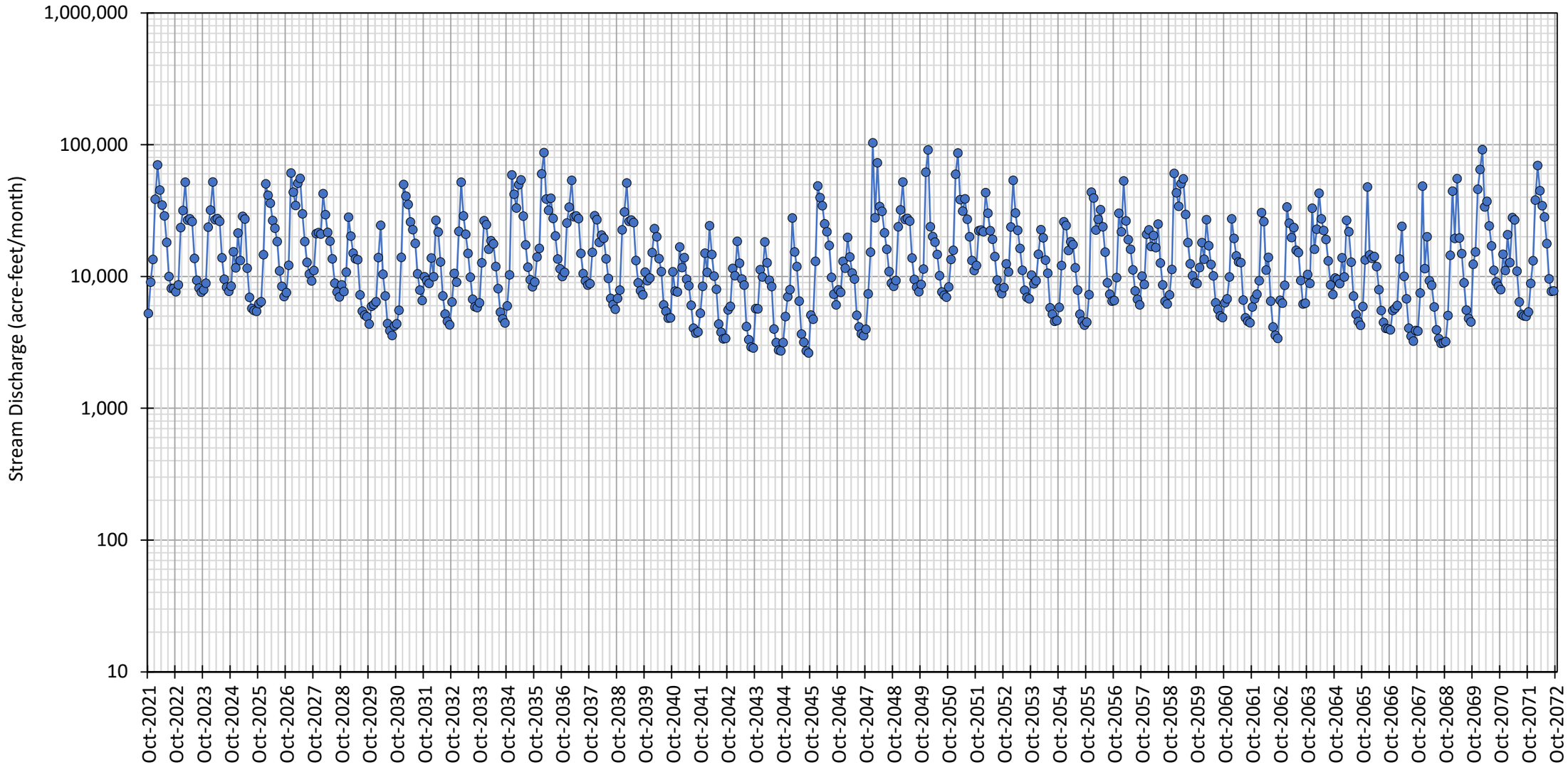
Antelope Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Antelope Creek Group to Sacramento River

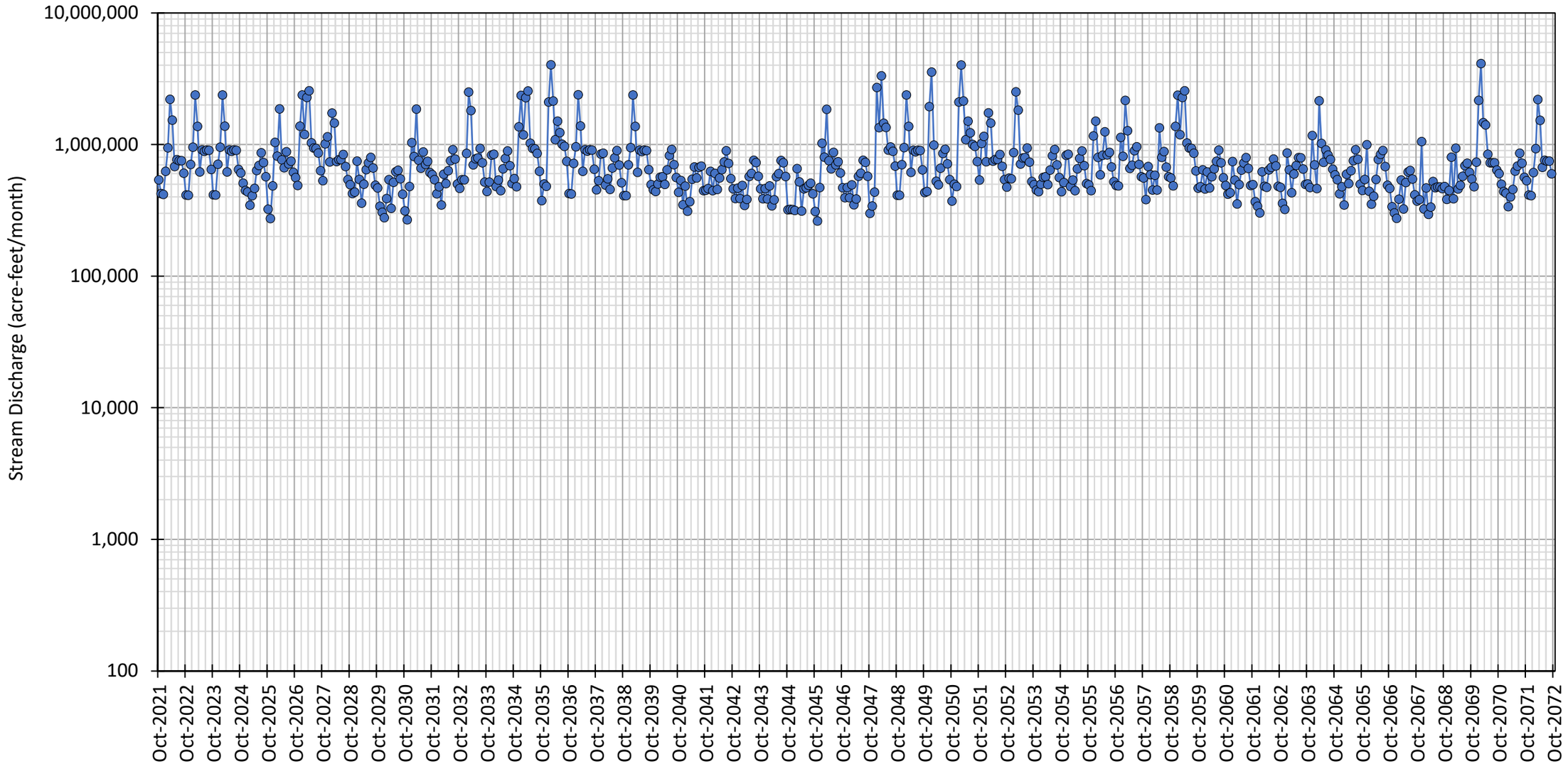
Antelope Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Sacramento River at Antelope Subbasin Boundary

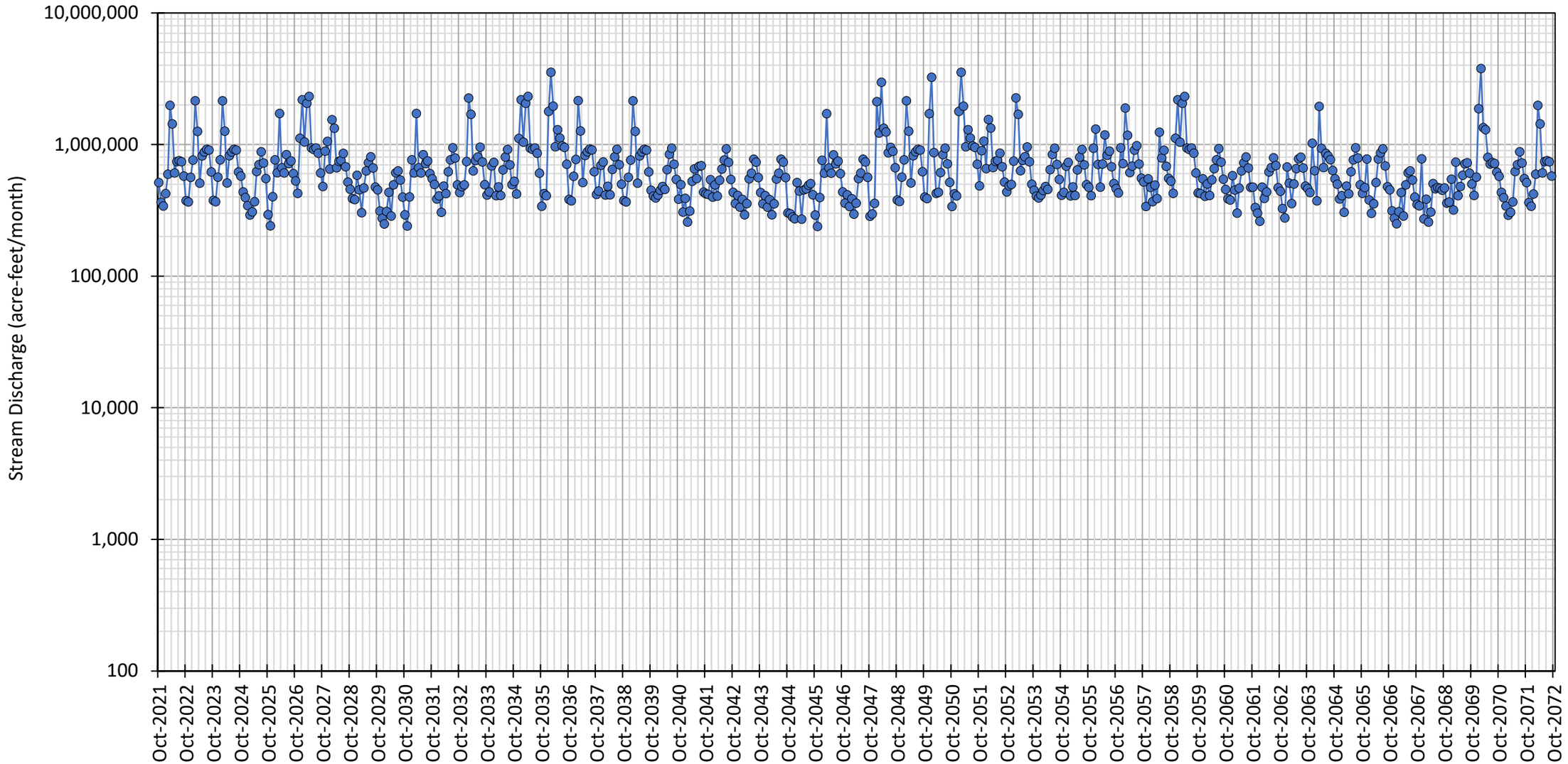
Antelope Subbasin



Tehama IHM - Projected (Current Land Use)

Inflow from Sacramento River at Bowman Subbasin Boundary

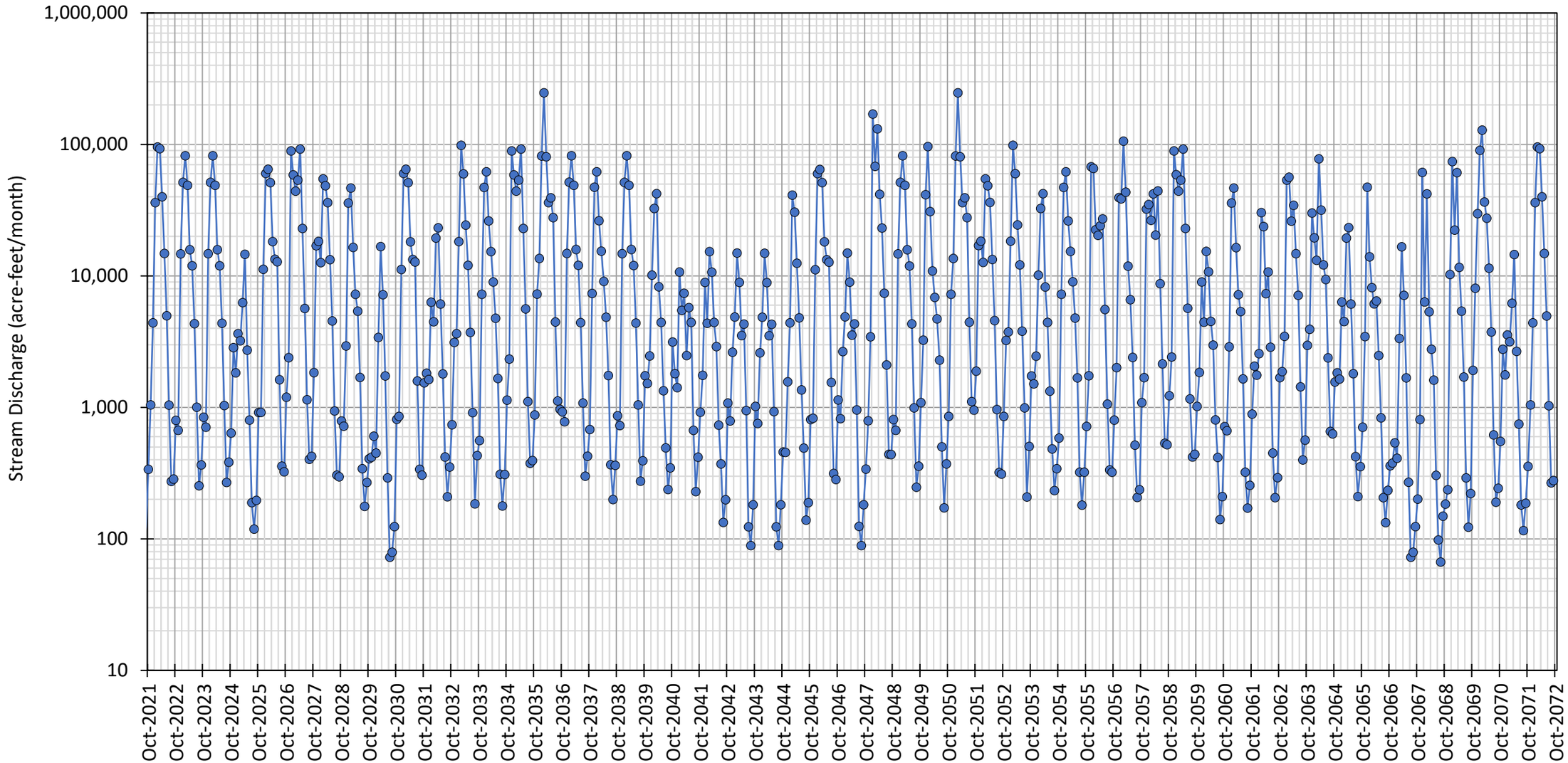
Bowman Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from MF Cottonwood Creek to Cottonwood Creek

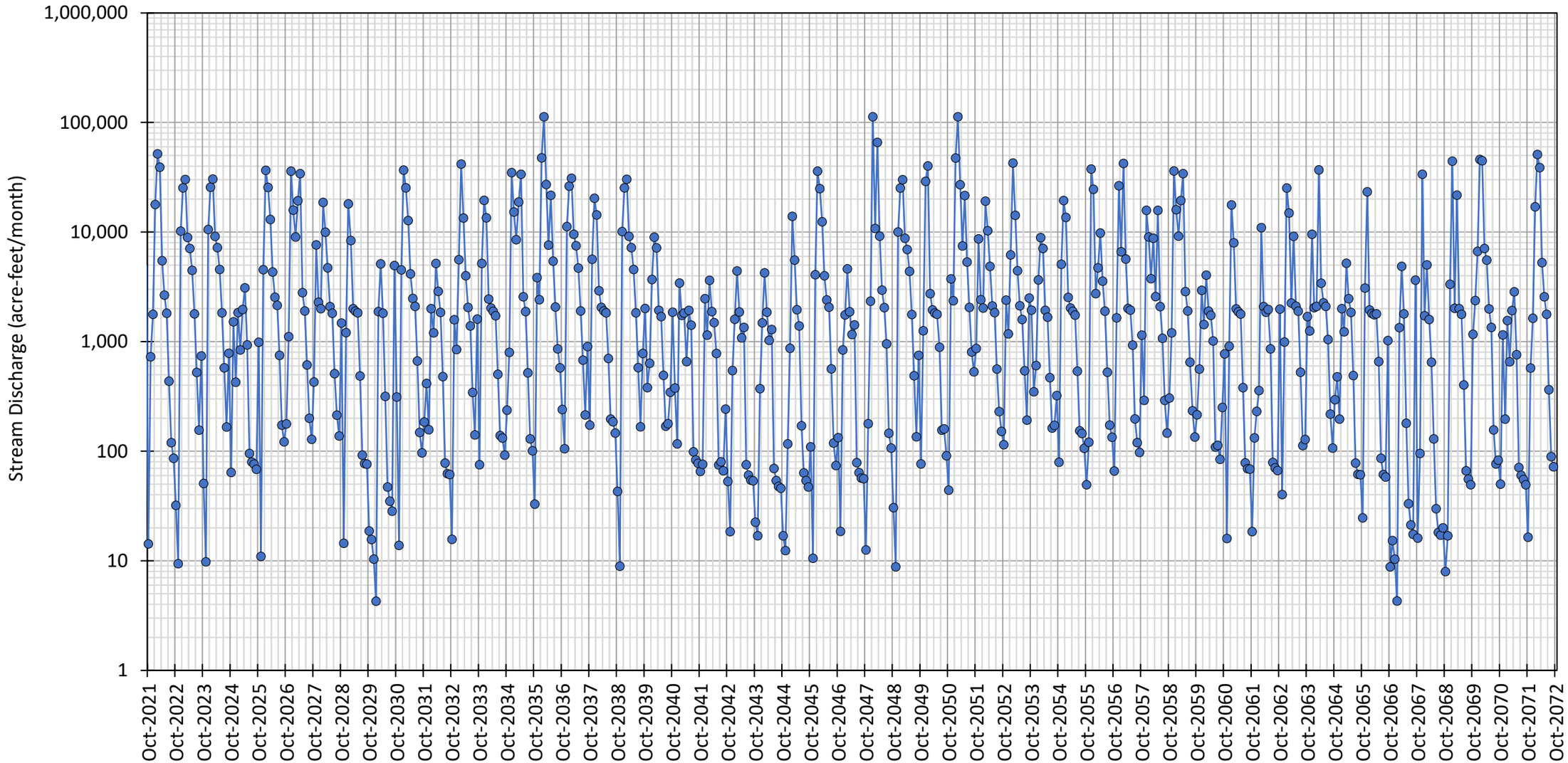
Bowman Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from SF Cottonwood Creek to Cottonwood Creek

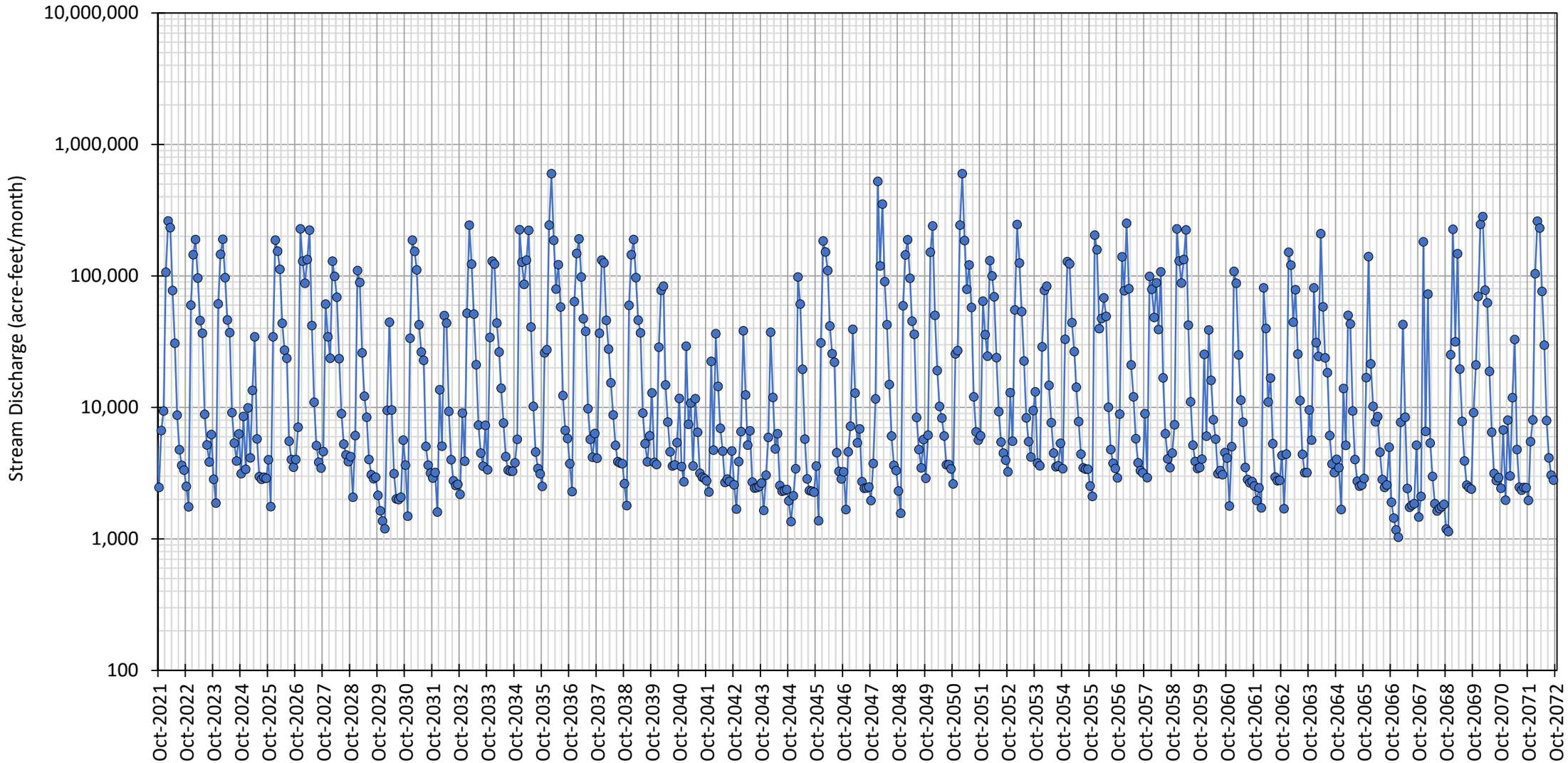
Bowman Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Cottonwood Creek to Sacramento River

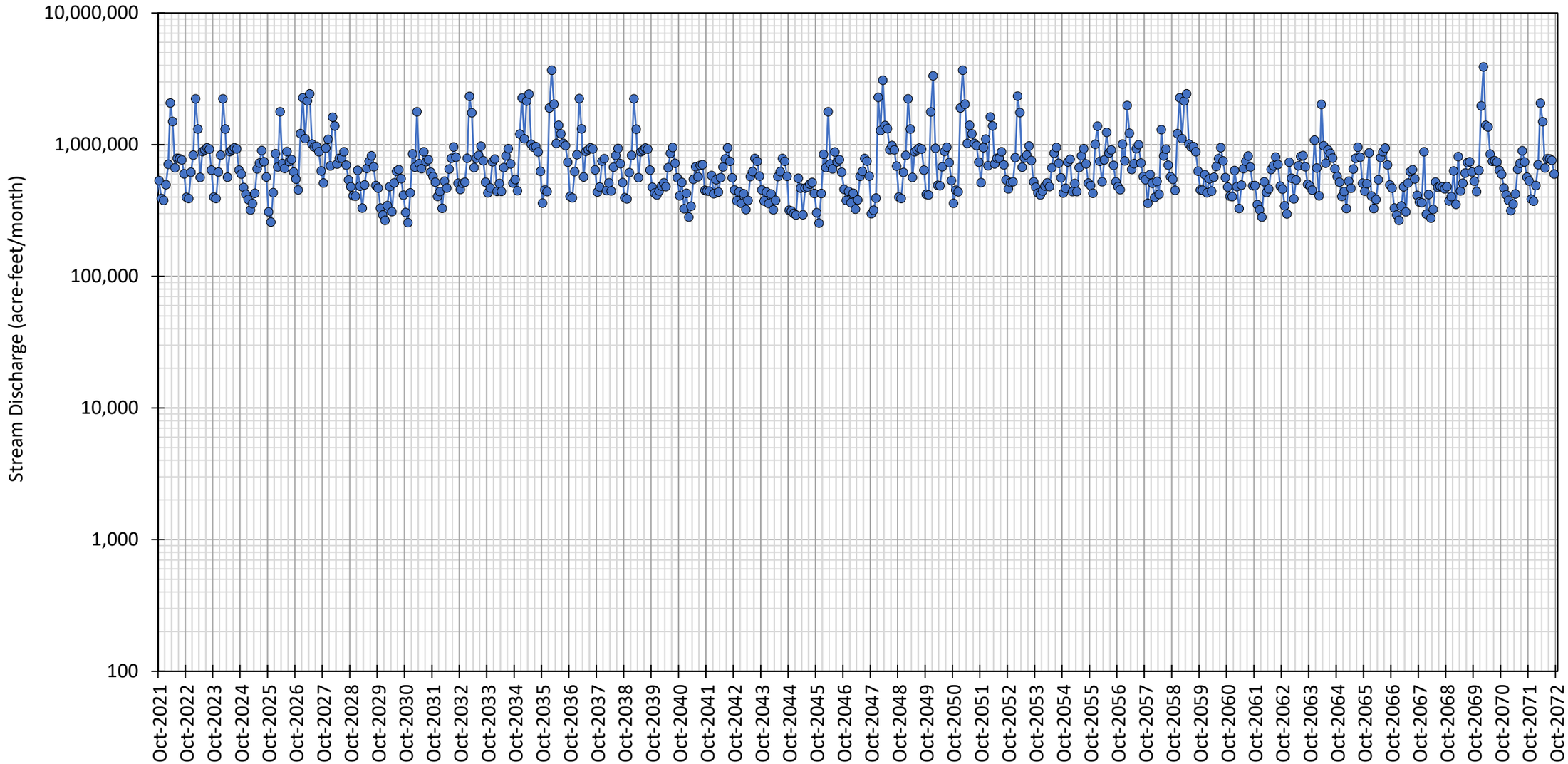
Bowman Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Sacramento River at Bowman Subbasin Boundary

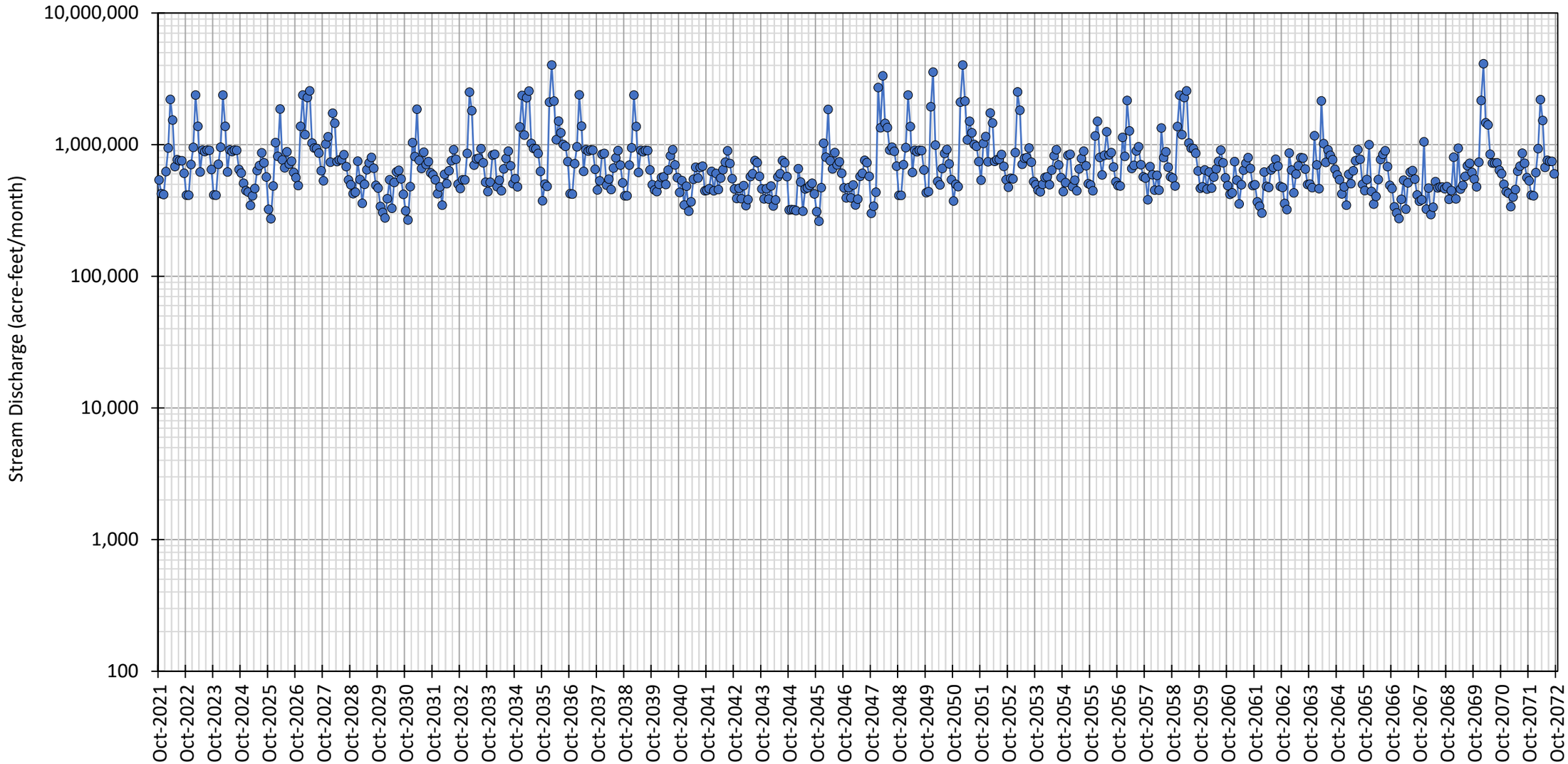
Bowman Subbasin



Tehama IHM - Projected (Current Land Use)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

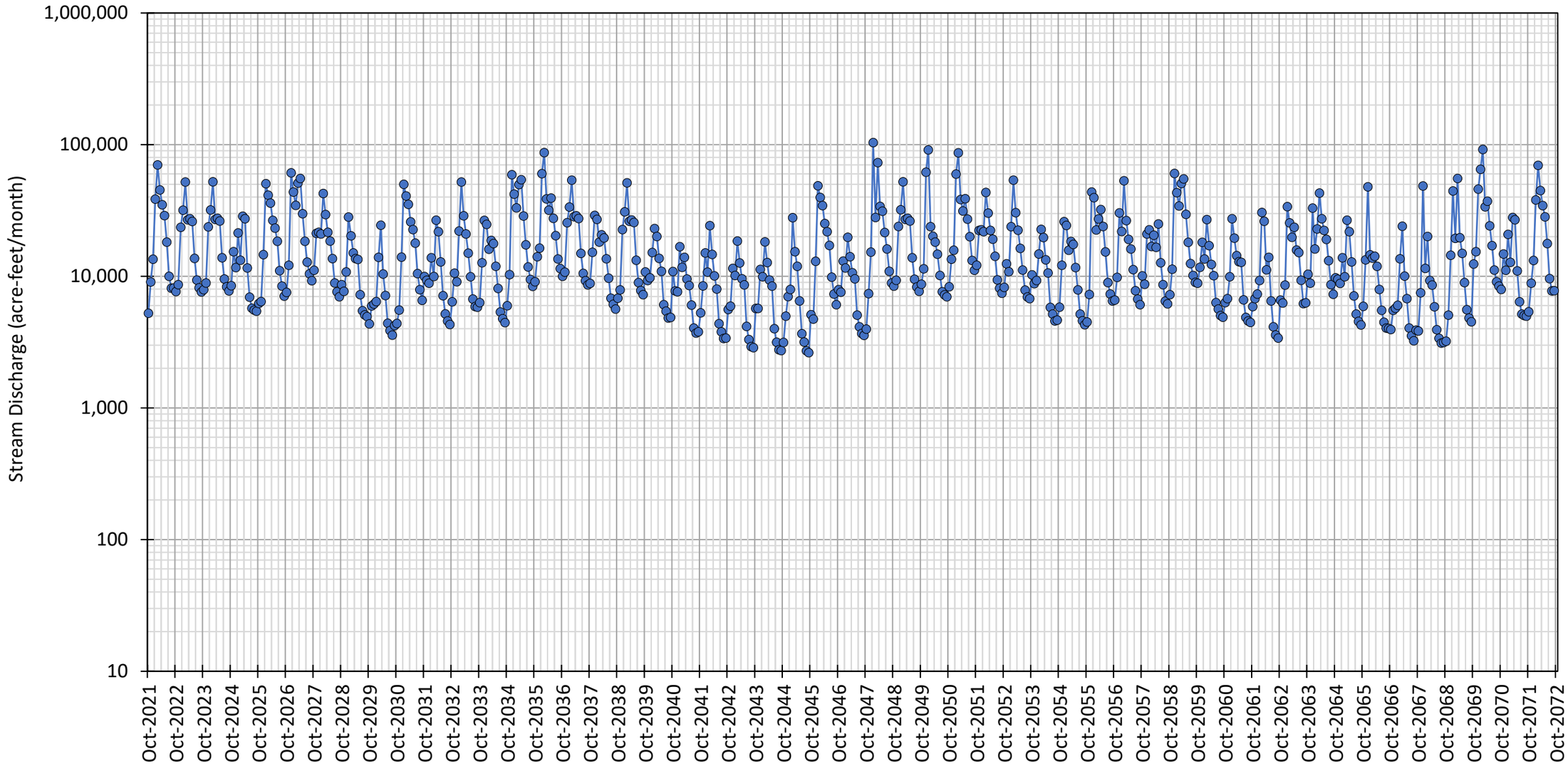
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Antelope Creek Group to Sacramento River

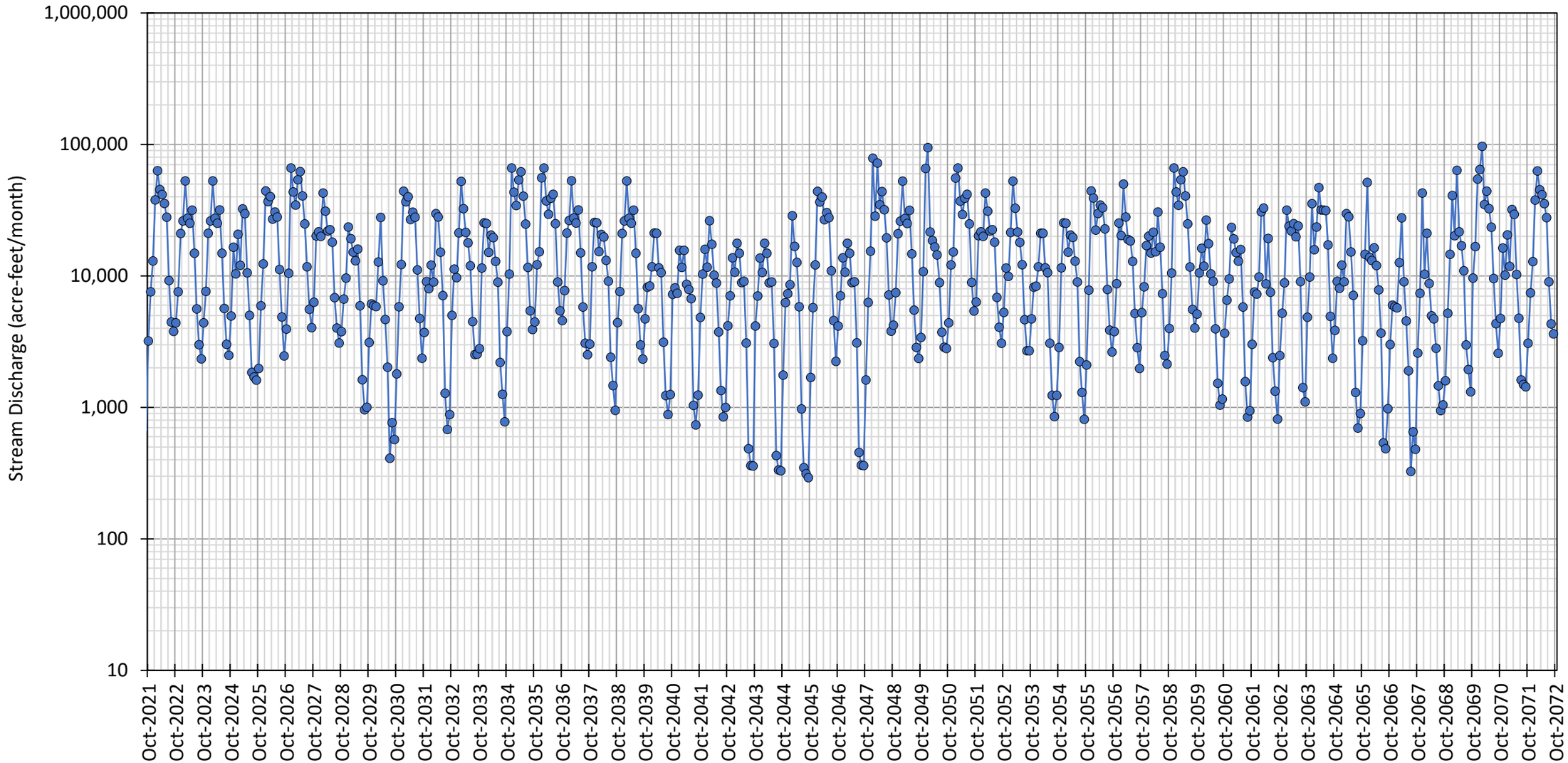
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Mill Creek to Sacramento River

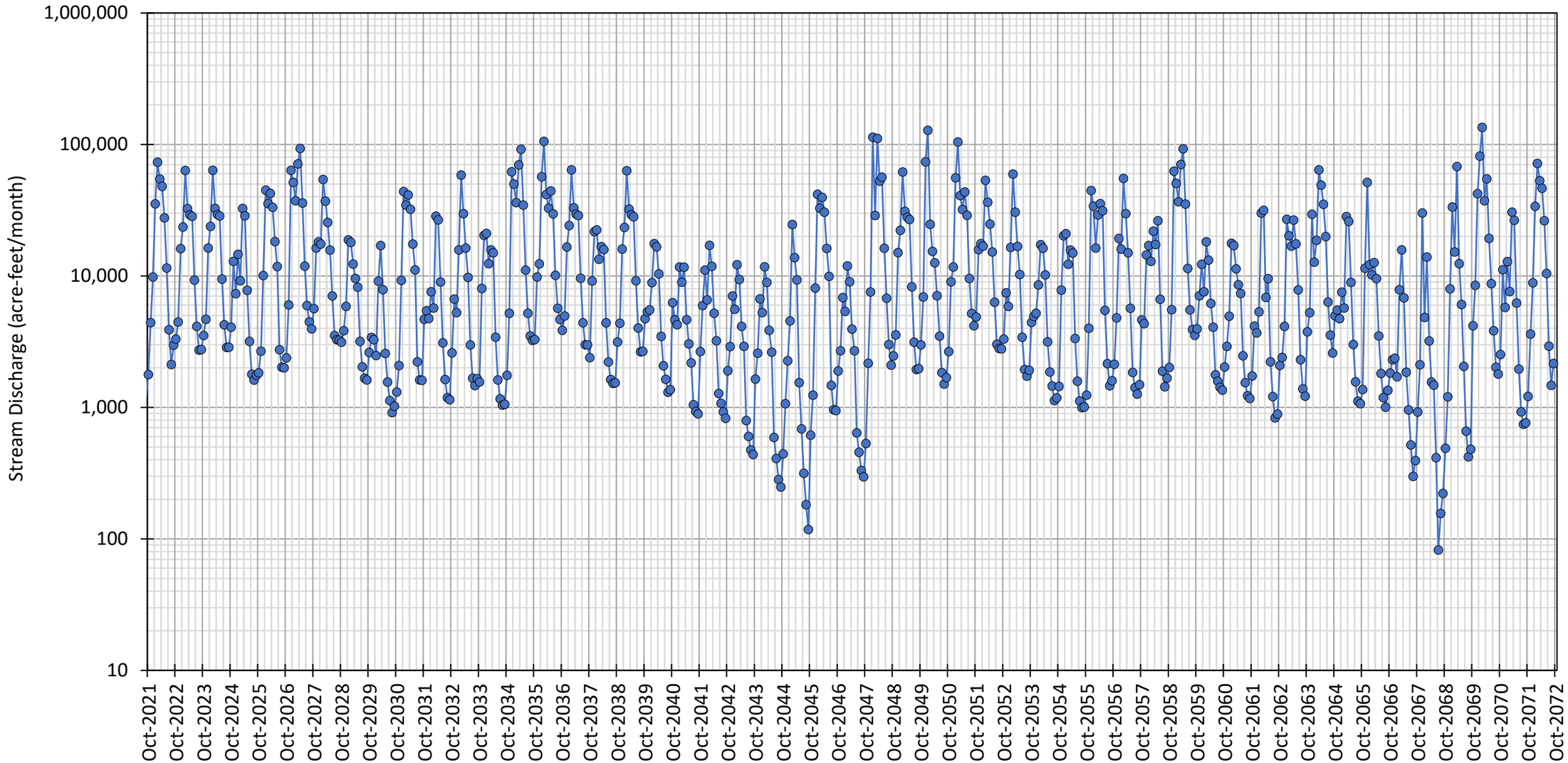
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Deer Creek Group to Sacramento River

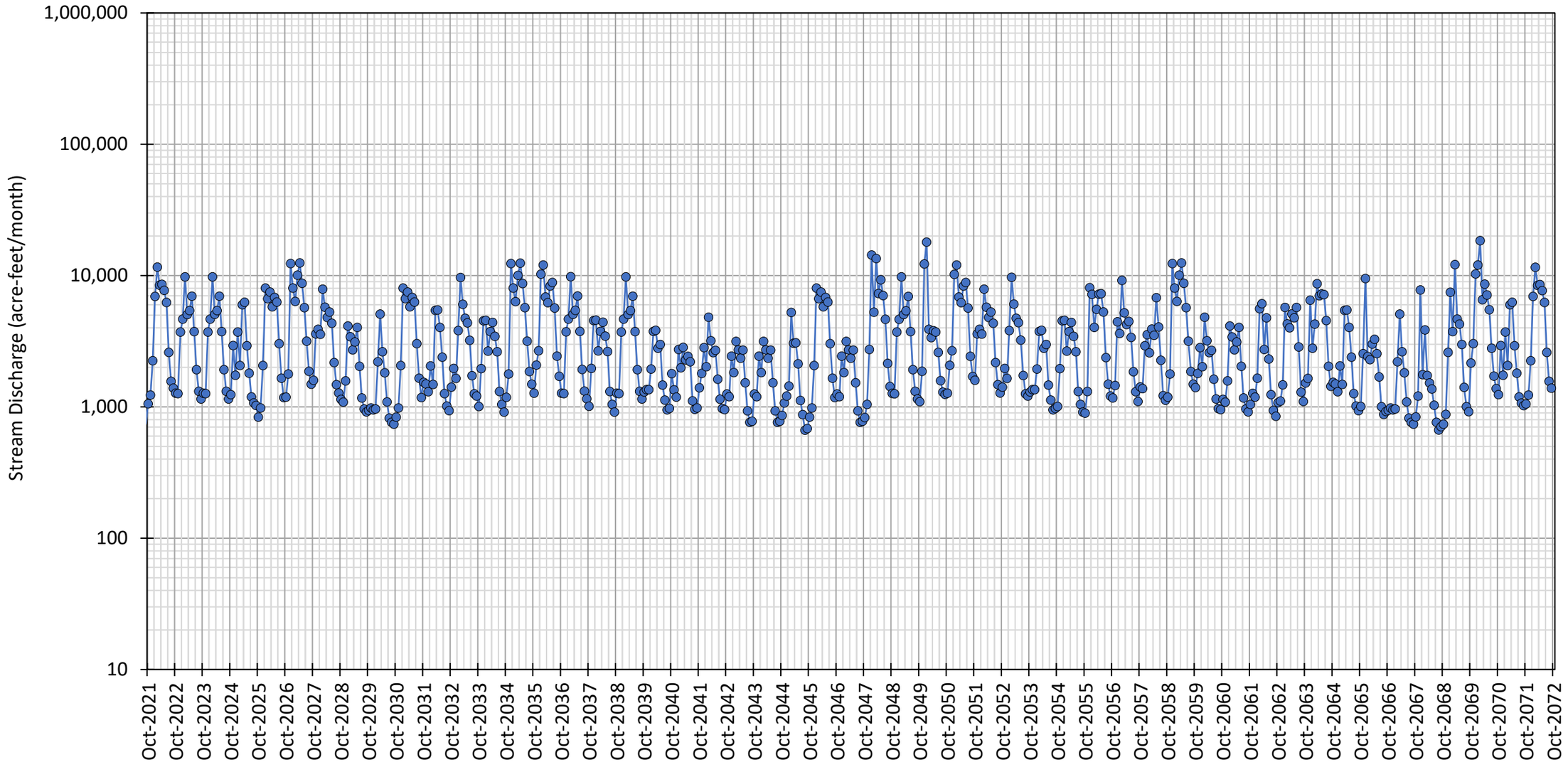
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Dye Creek to Sacramento River

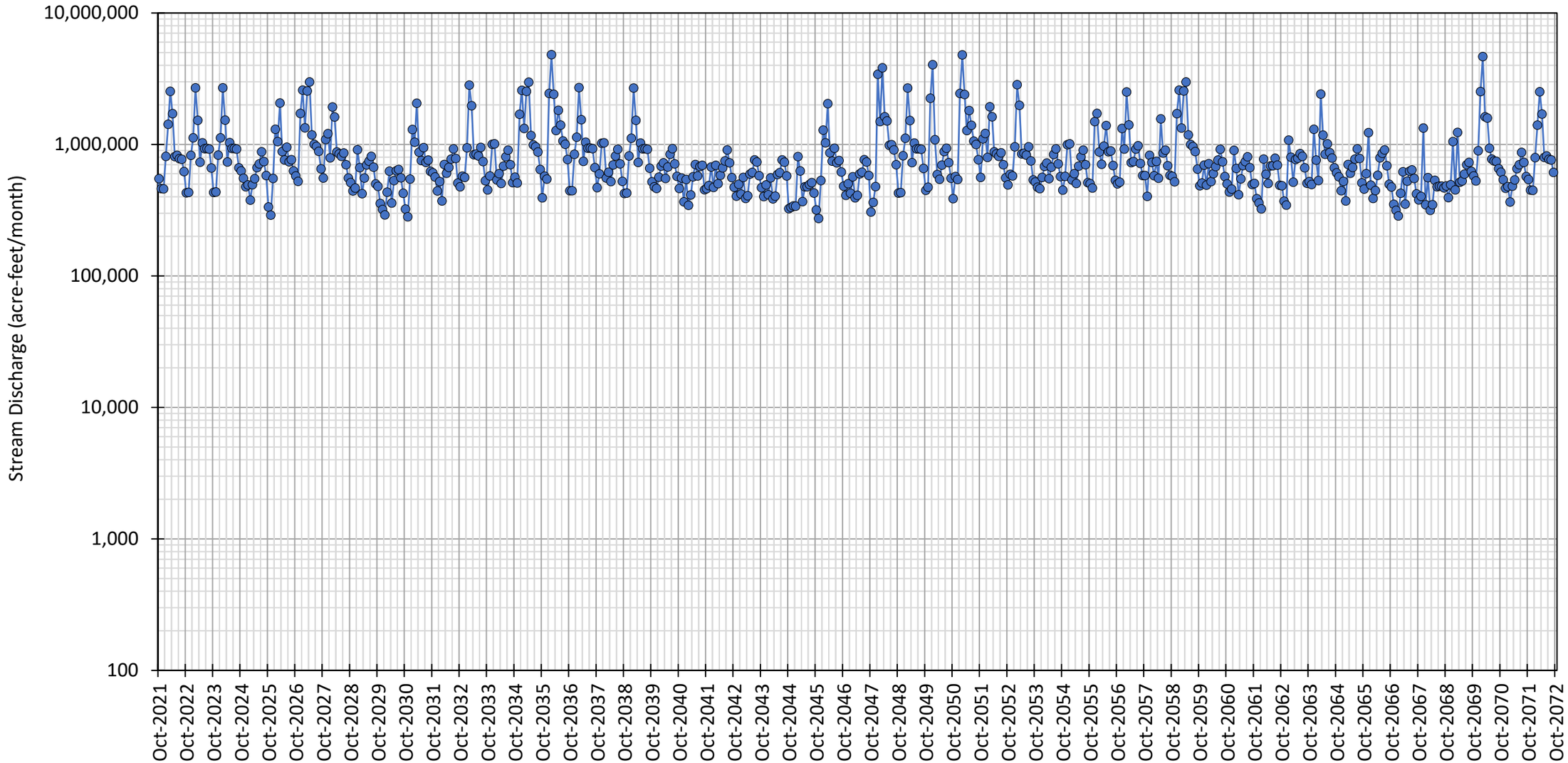
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Sacramento River at Los Molinos Subbasin Boundary

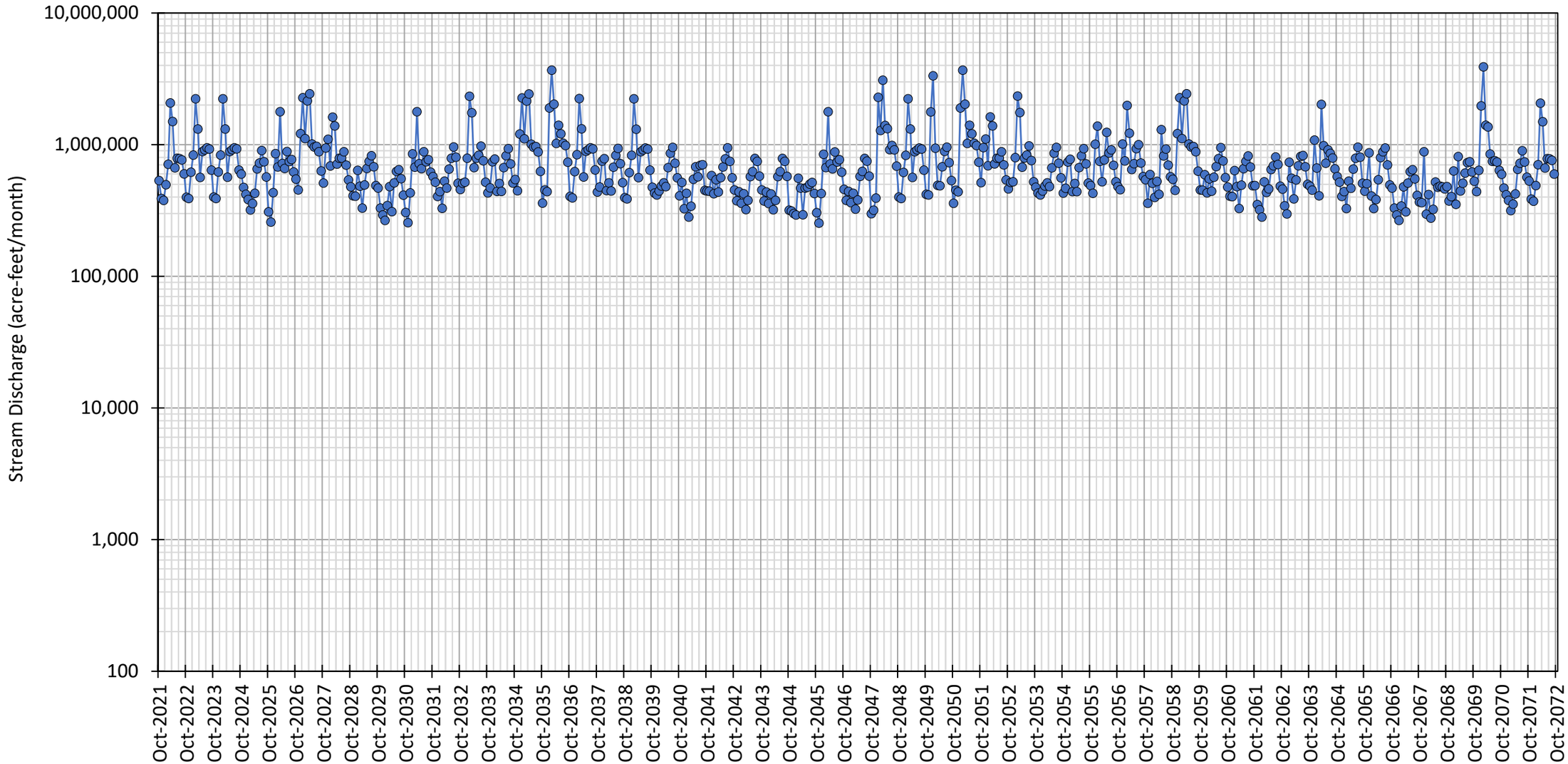
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use)

Inflow from Sacramento River at Red Bluff Subbasin Boundary

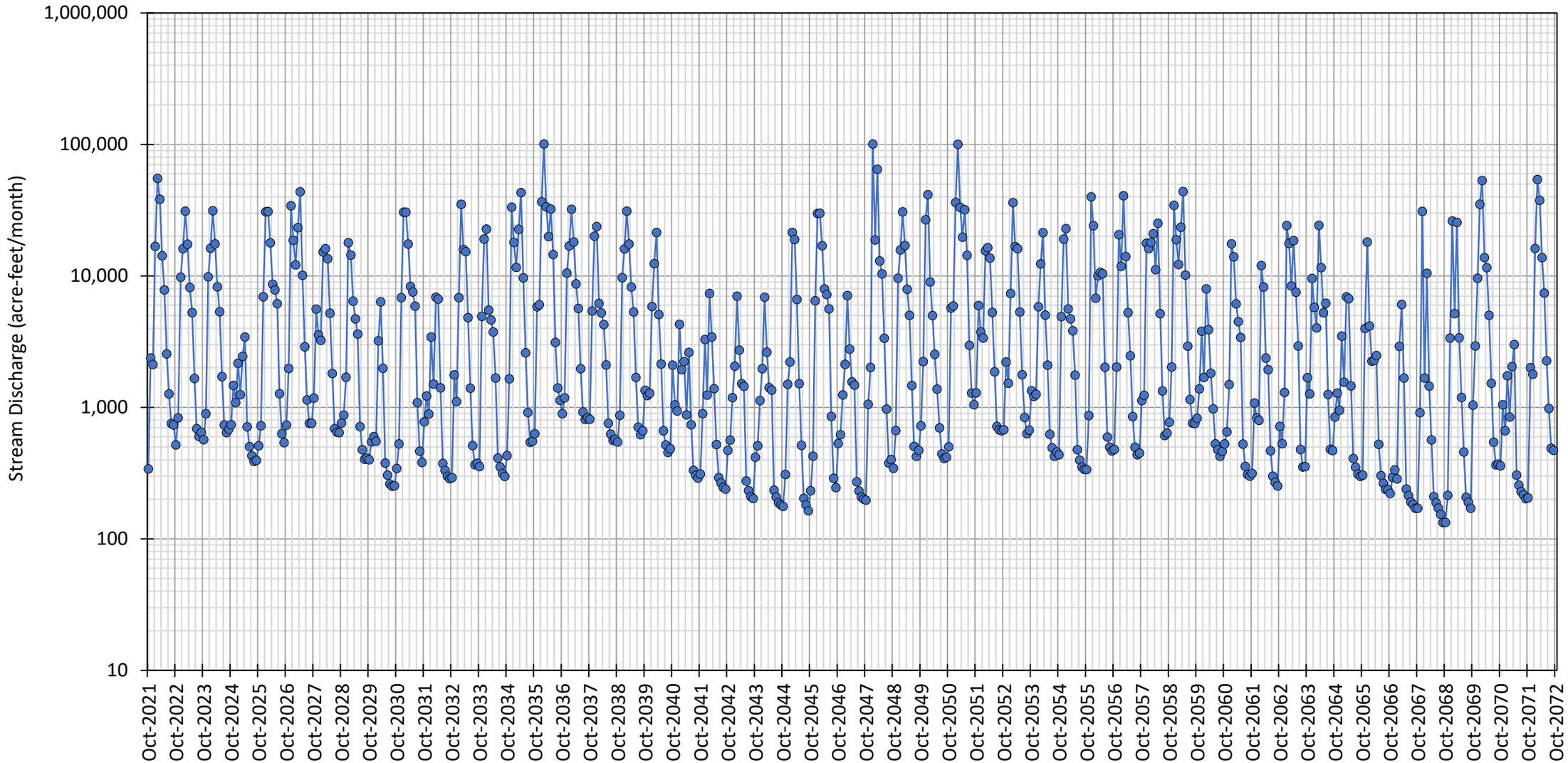
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Elder Creek to Sacramento River

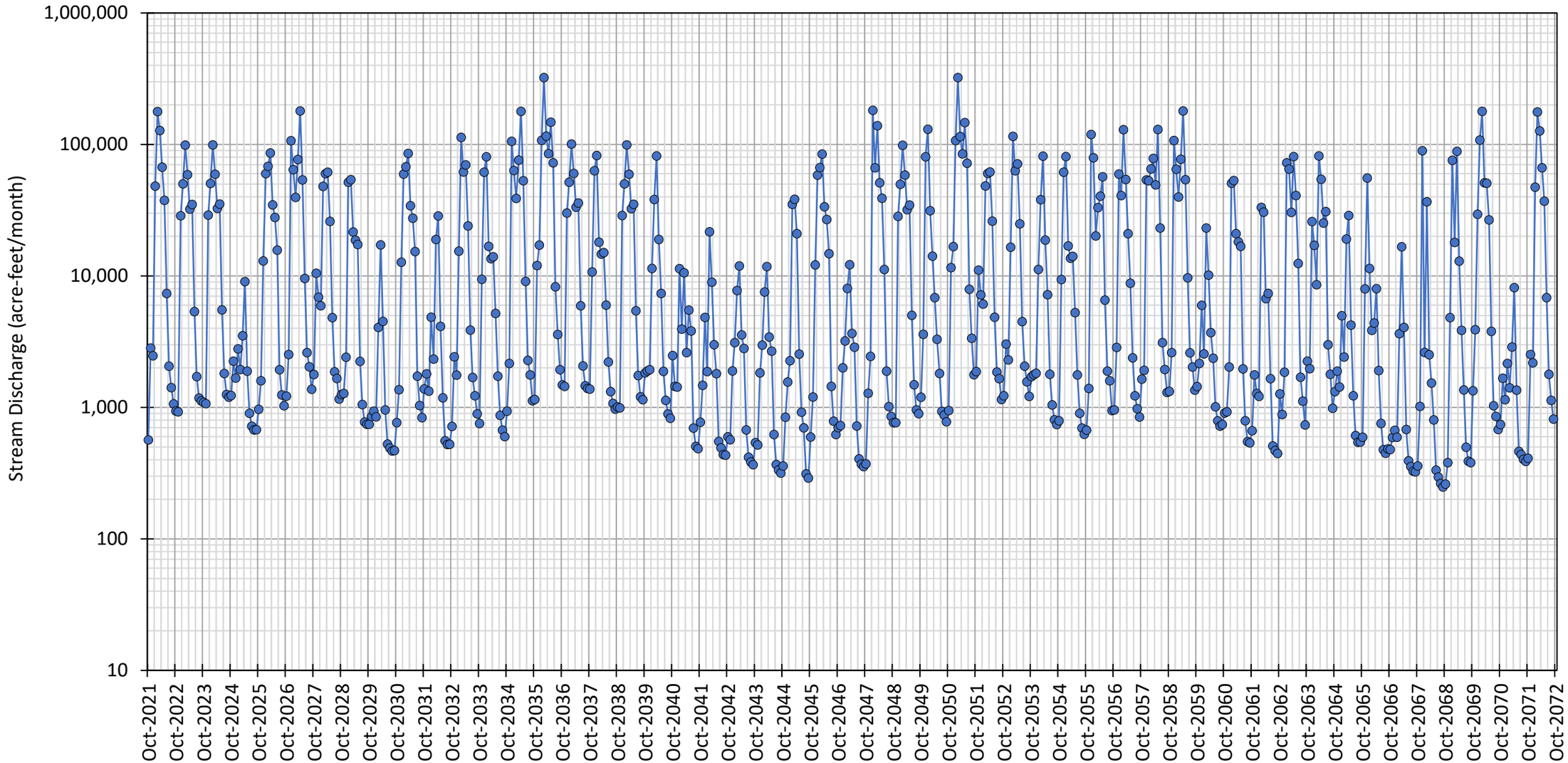
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Thomes Creek to Sacramento River

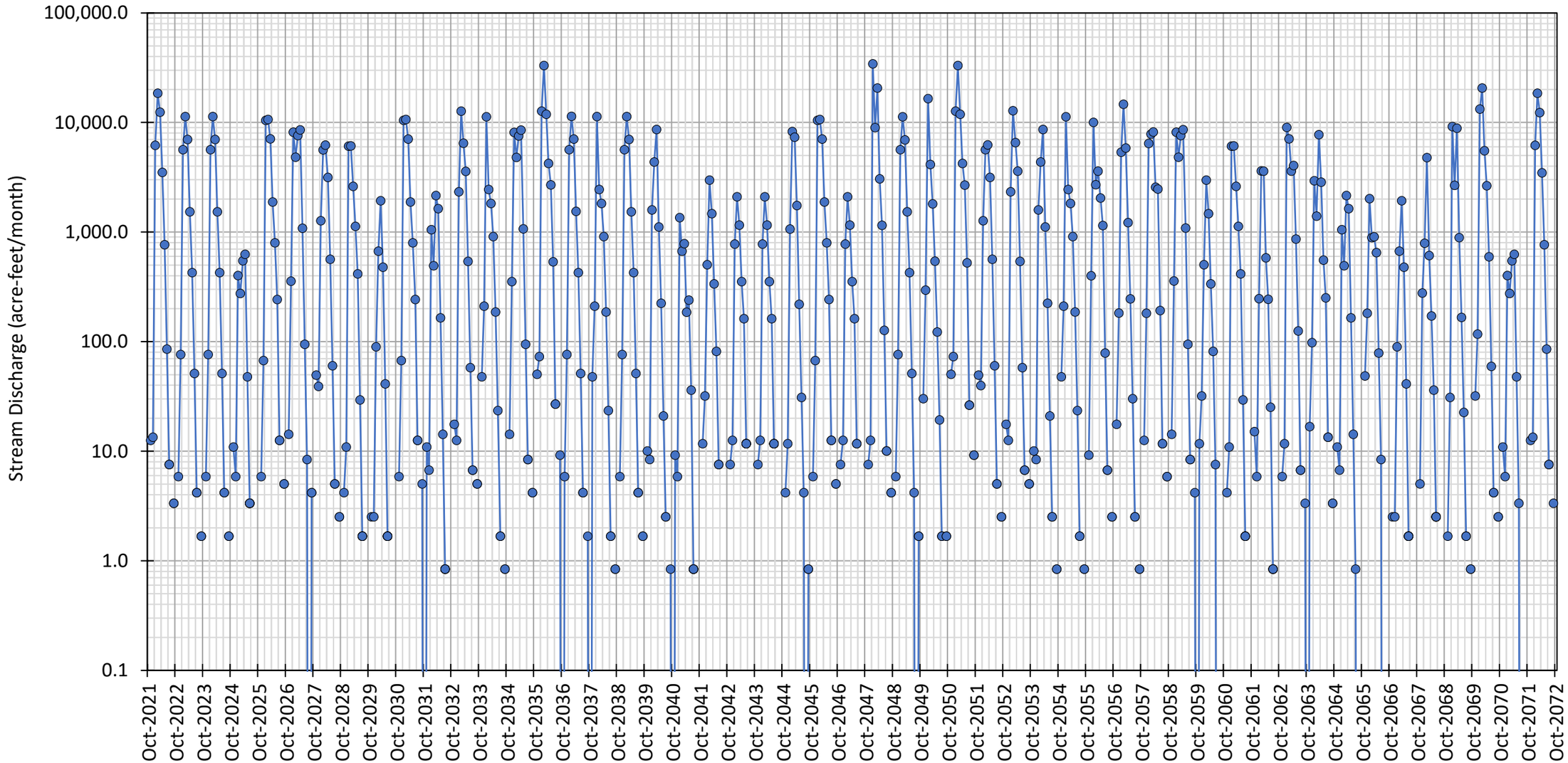
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Red Bank Creek to Sacramento River

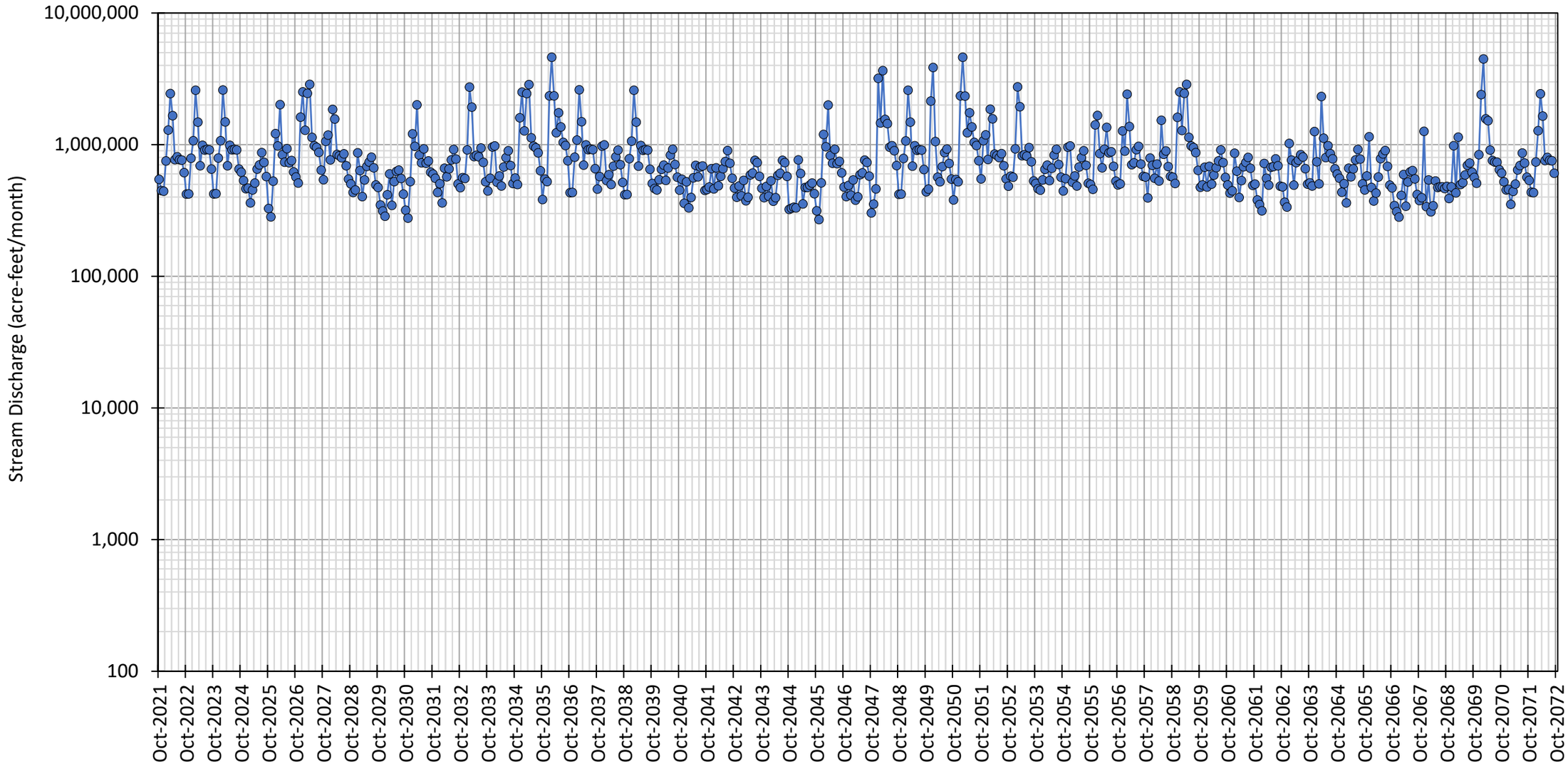
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

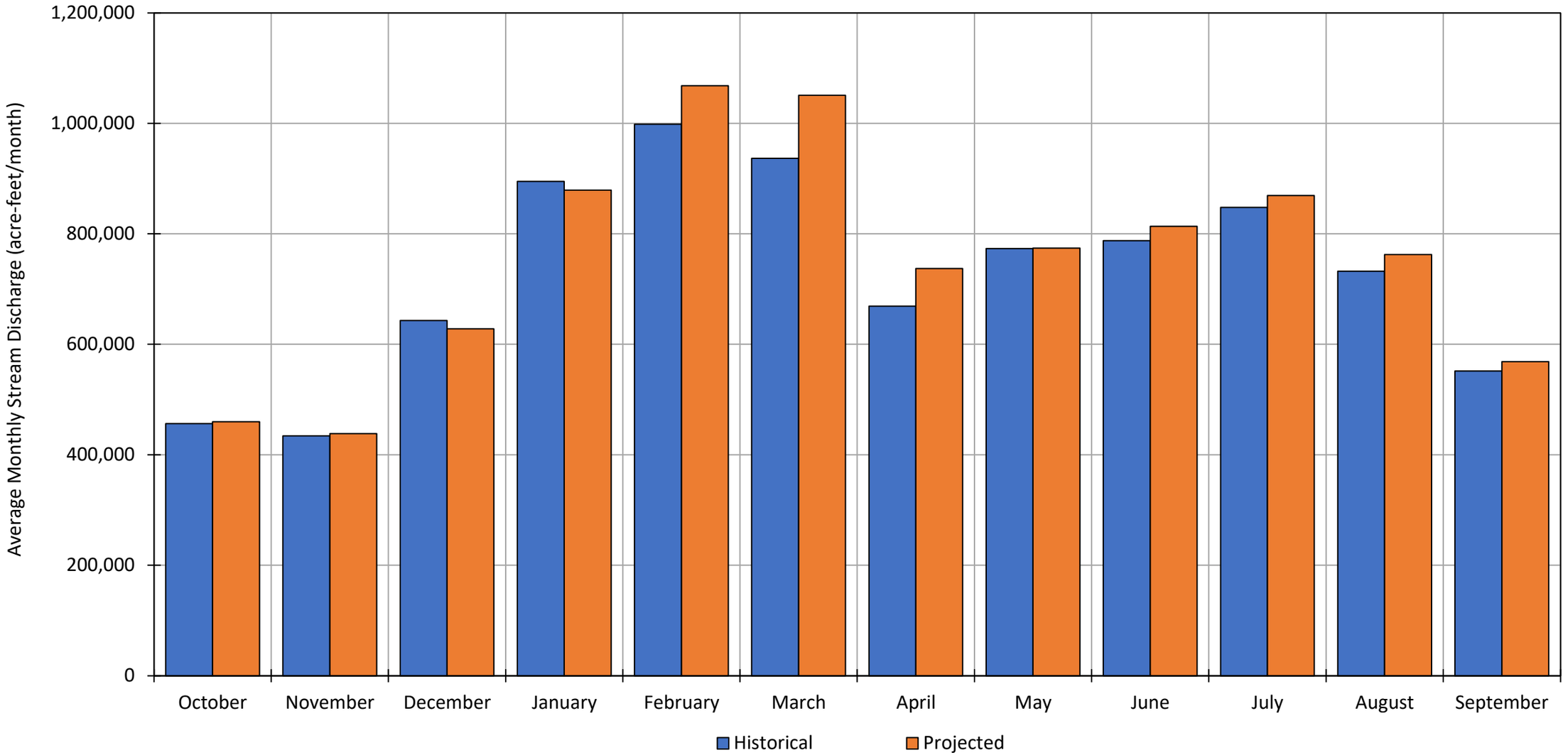
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use)

Inflow from Sacramento River at Antelope Subbasin Boundary

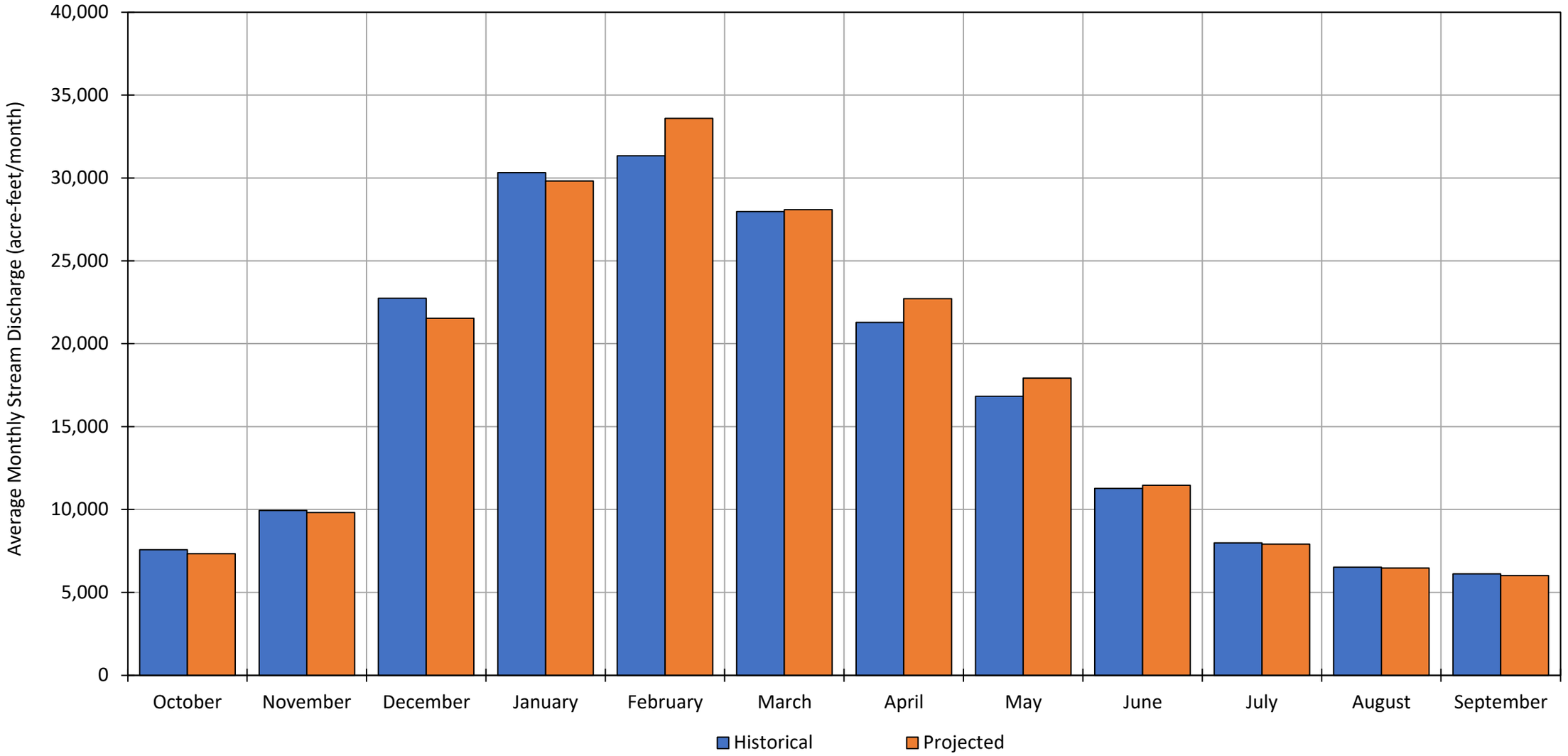
Antelope Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Antelope Creek Group to Sacramento River

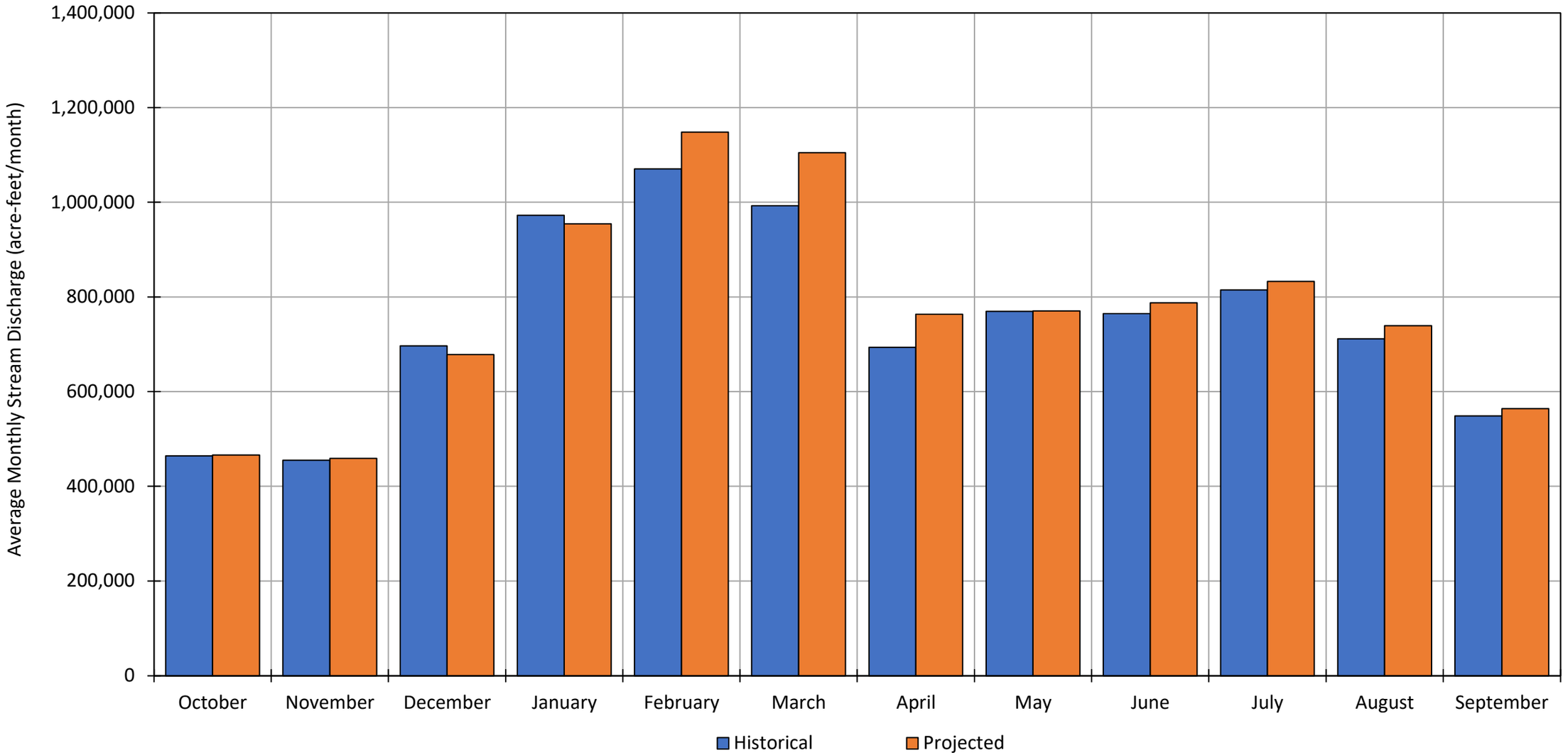
Antelope Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Sacramento River at Antelope Subbasin Boundary

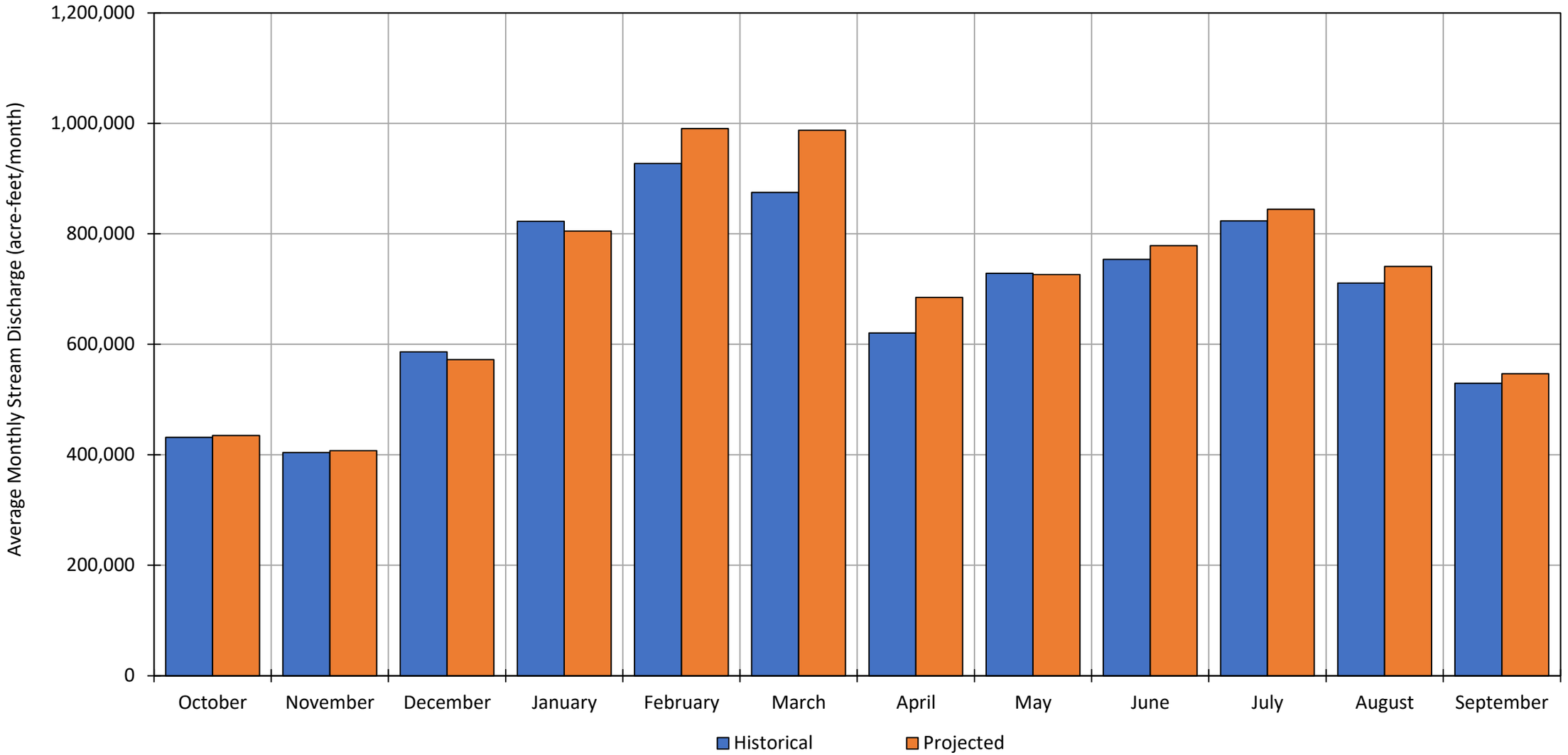
Antelope Subbasin



Tehama IHM - Projected (Current Land Use)

Inflow from Sacramento River at Bowman Subbasin Boundary

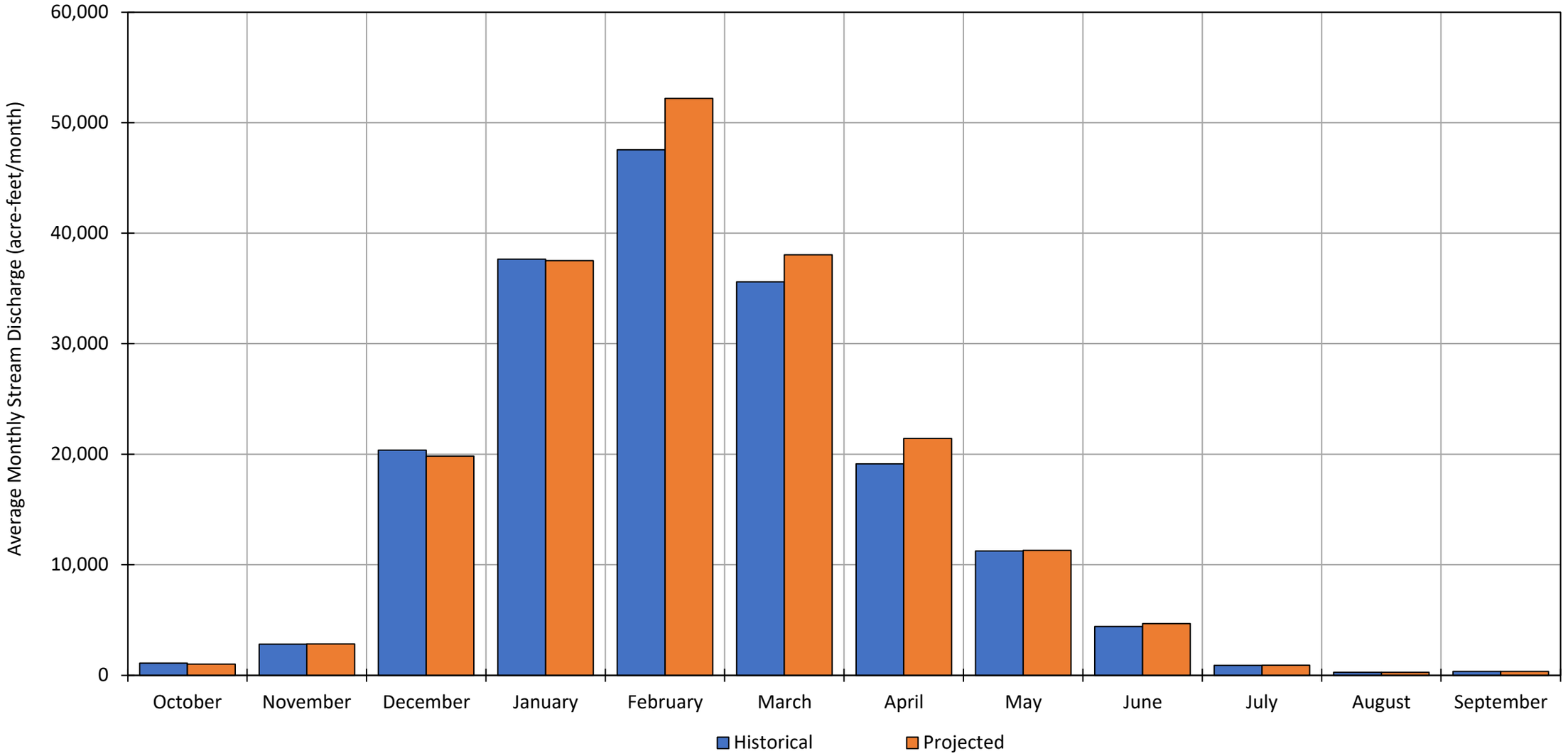
Bowman Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from MF Cottonwood Creek to Cottonwood Creek

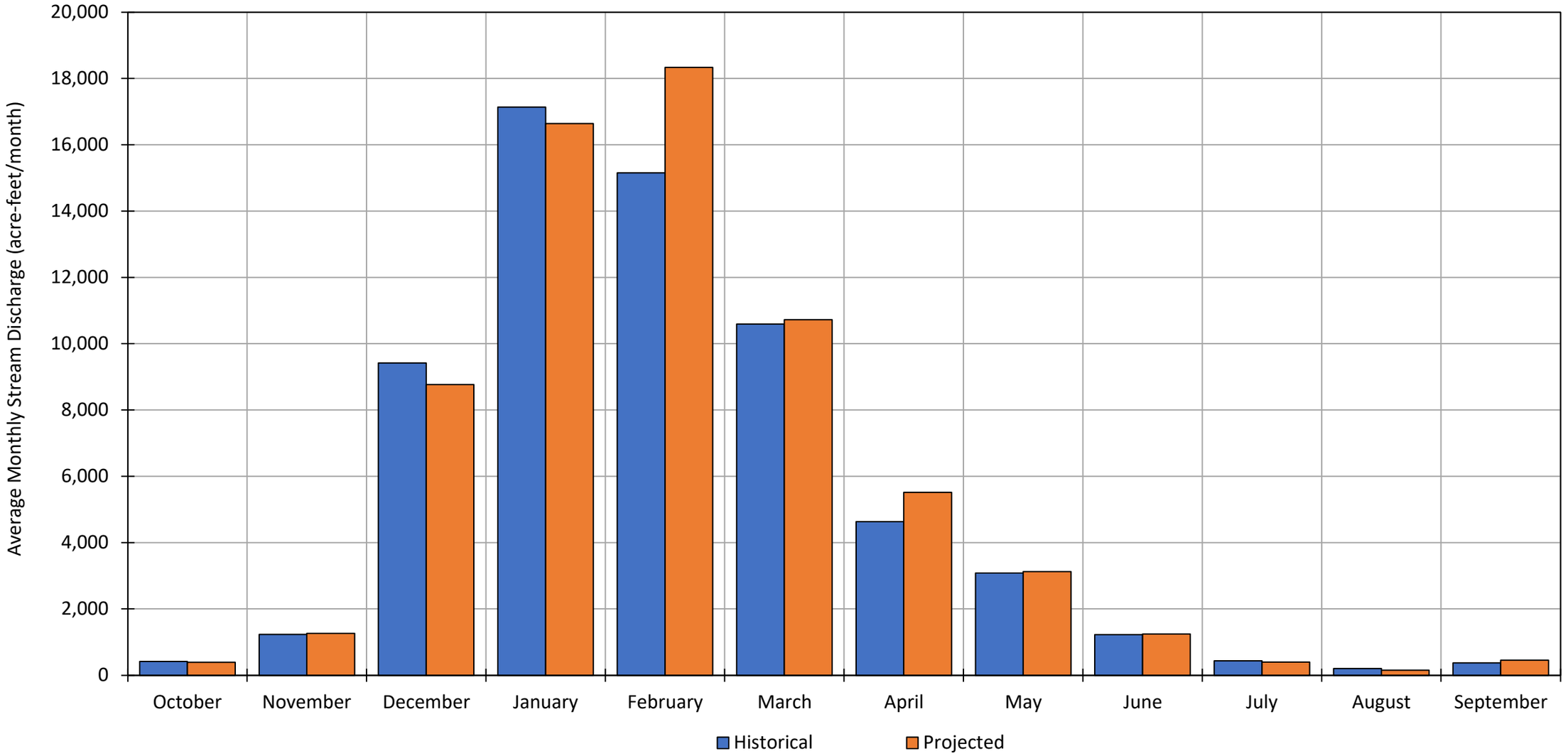
Bowman Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from SF Cottonwood Creek to Cottonwood Creek

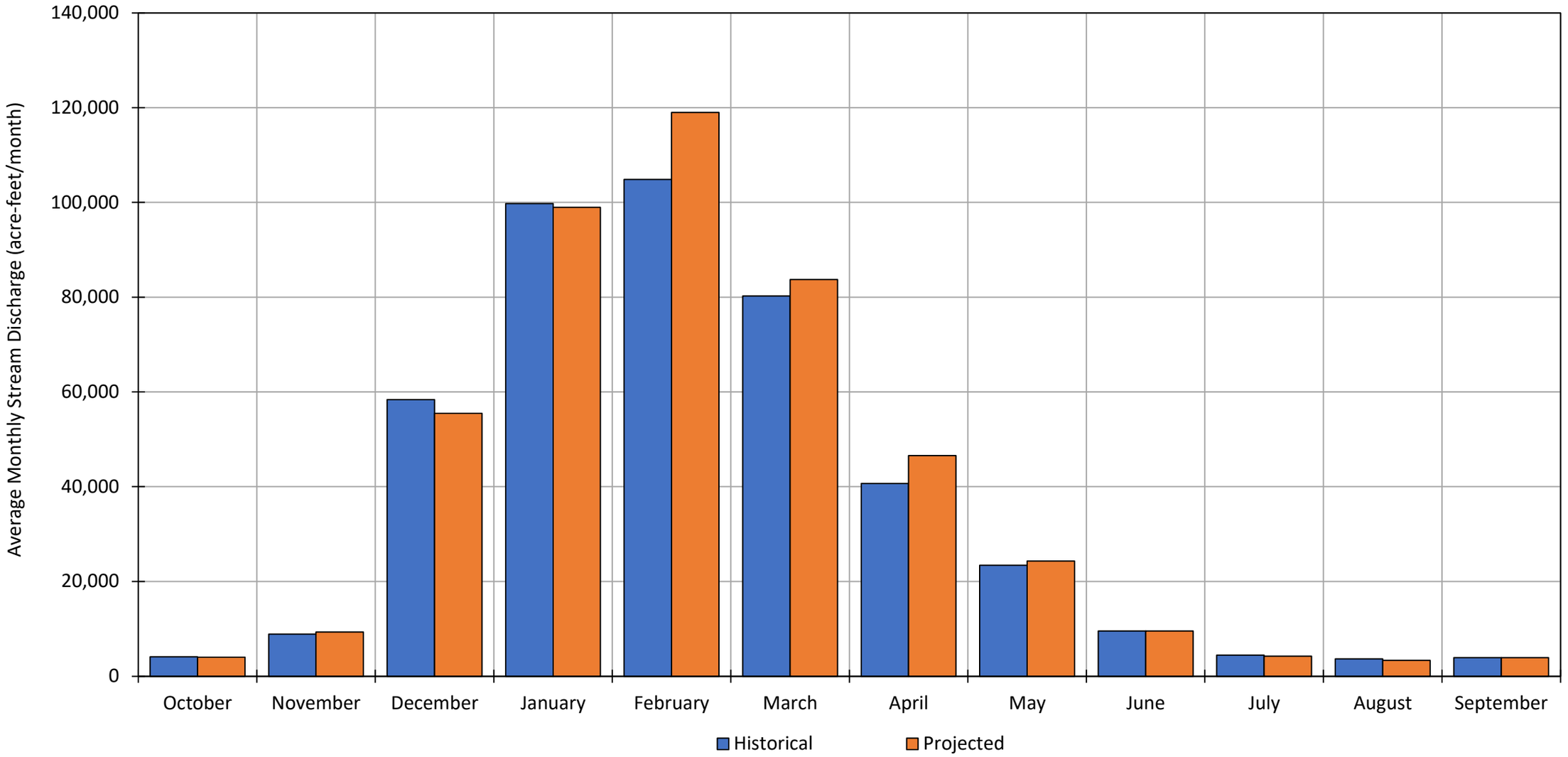
Bowman Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Cottonwood Creek to Sacramento River

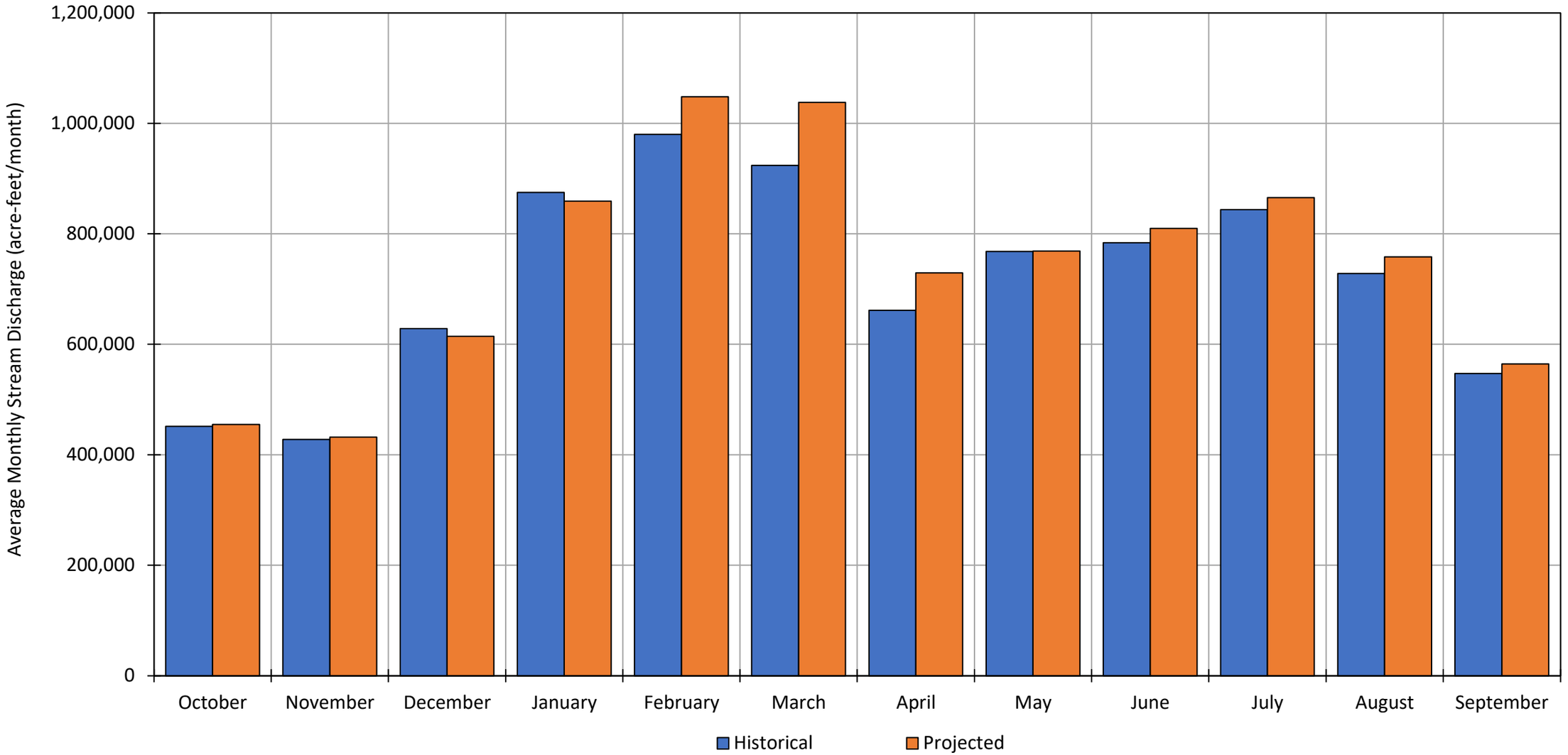
Bowman Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Sacramento River at Bowman Subbasin Boundary

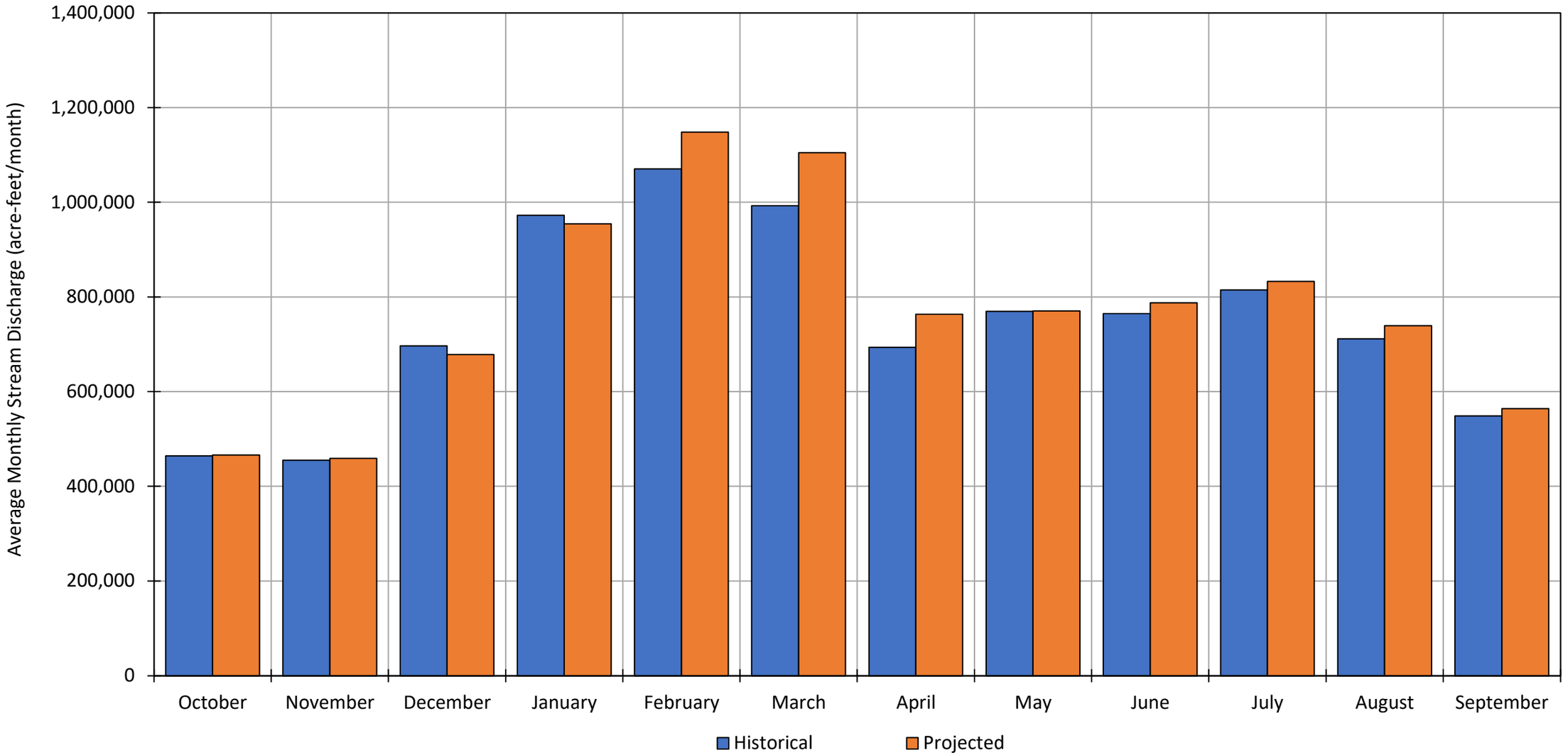
Bowman Subbasin



Tehama IHM - Projected (Current Land Use)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

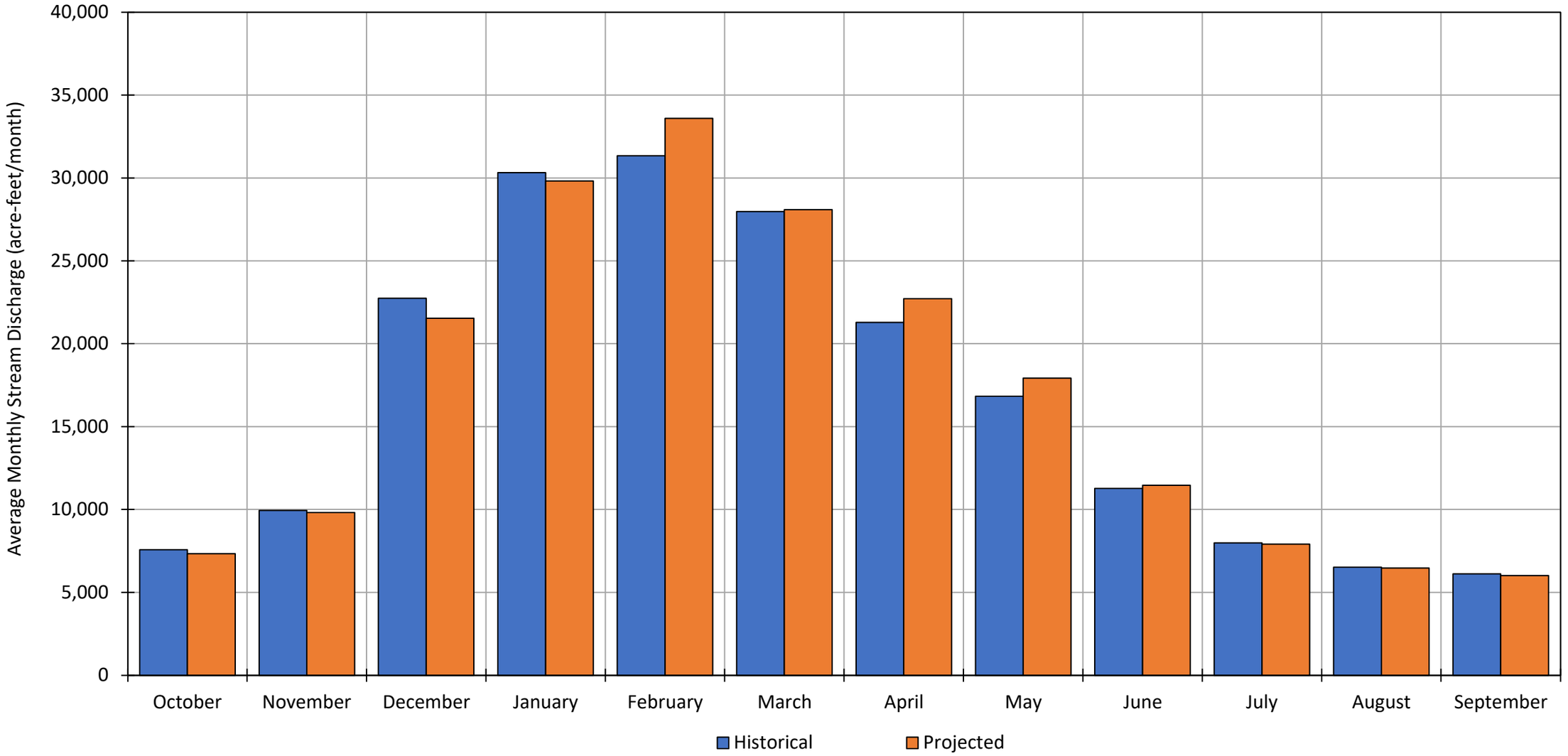
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Antelope Creek Group to Sacramento River

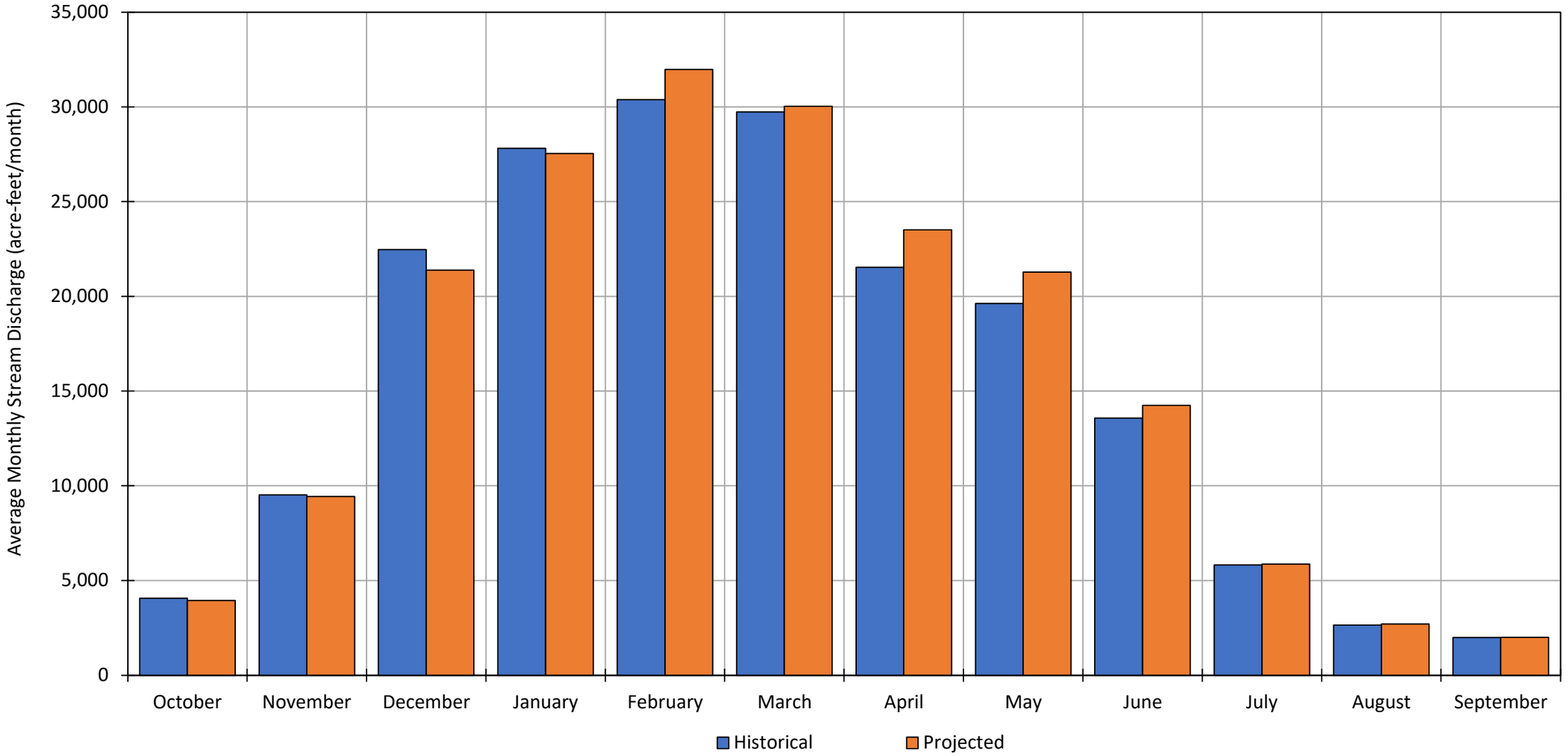
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Mill Creek to Sacramento River

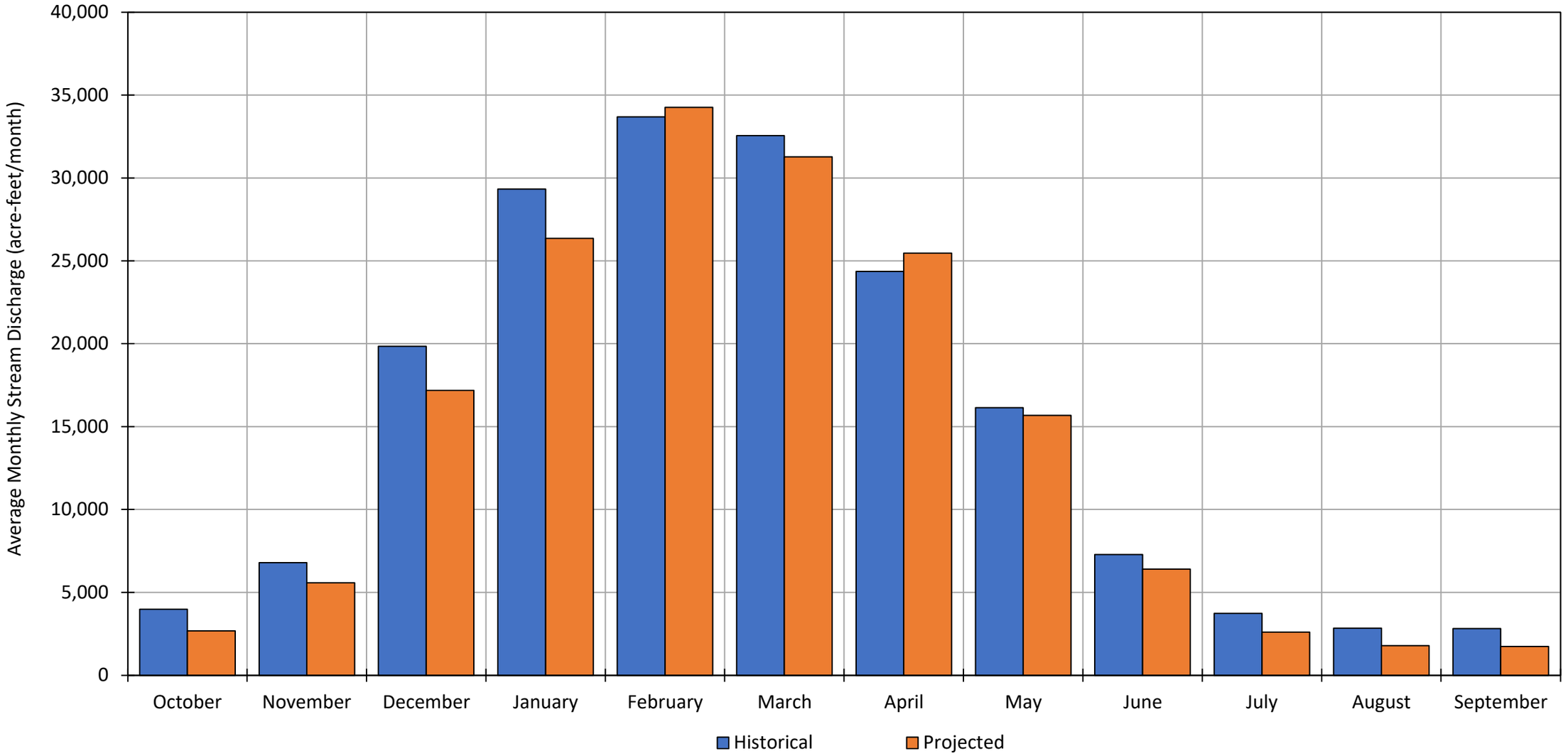
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Deer Creek Group to Sacramento River

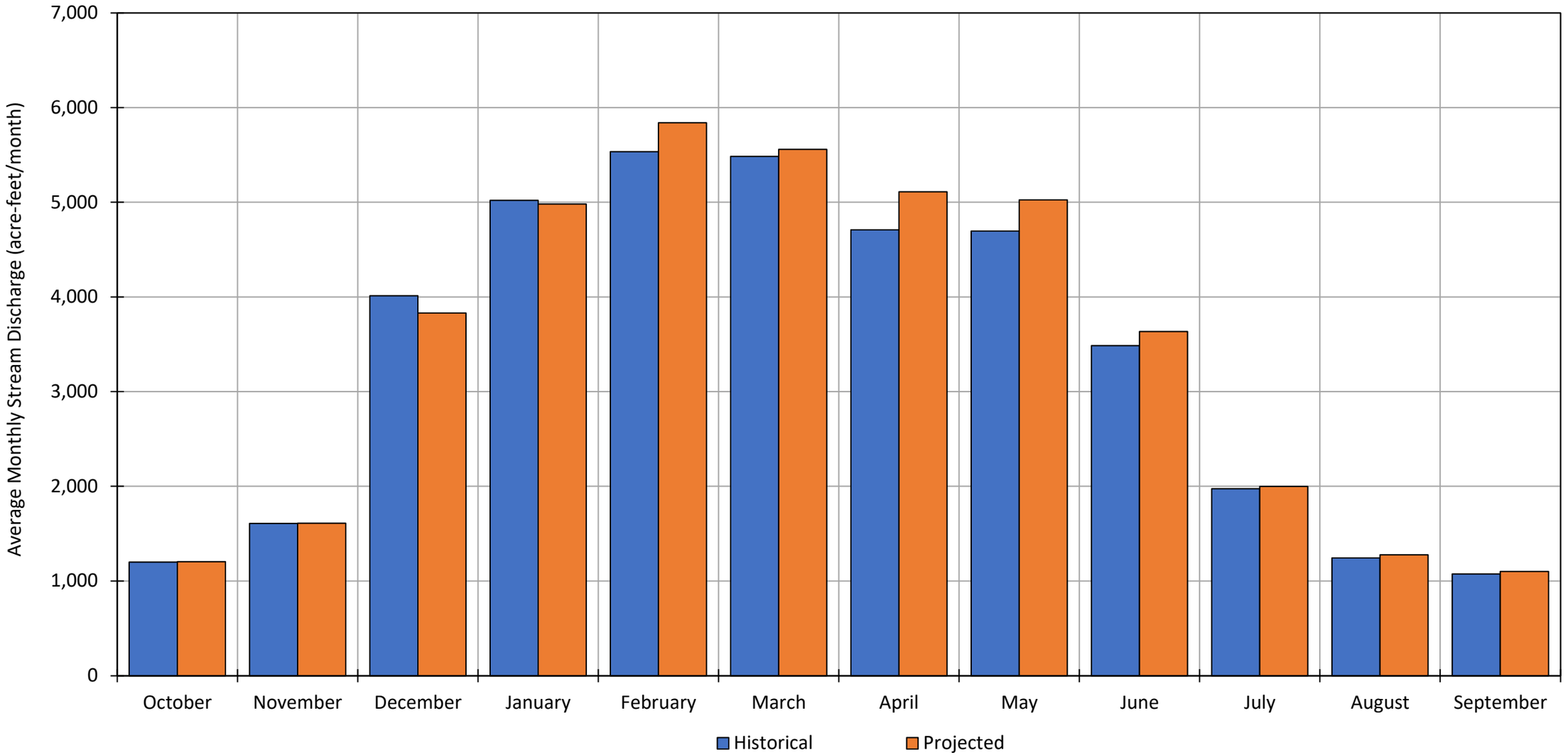
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Dye Creek to Sacramento River

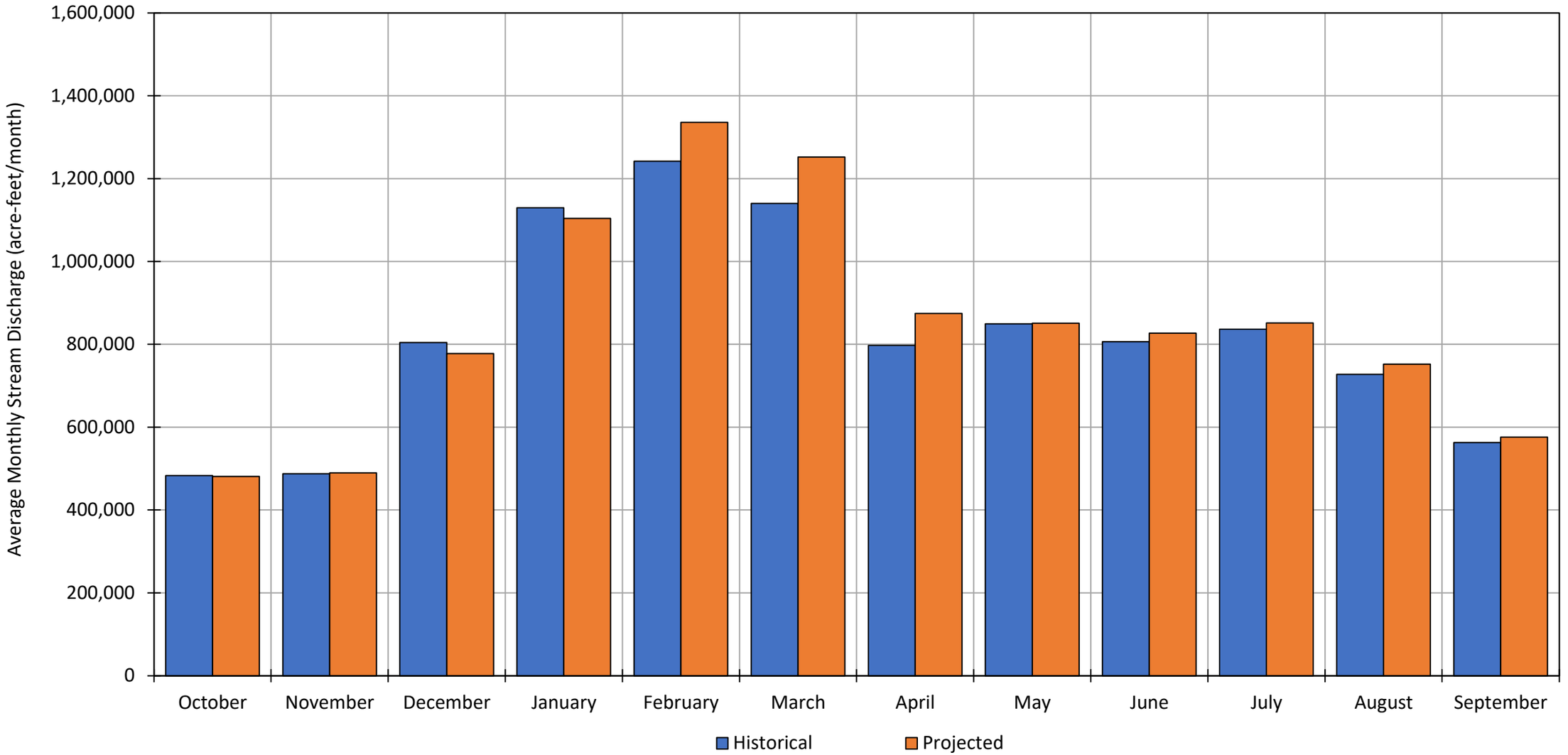
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Sacramento River at Los Molinos Subbasin Boundary

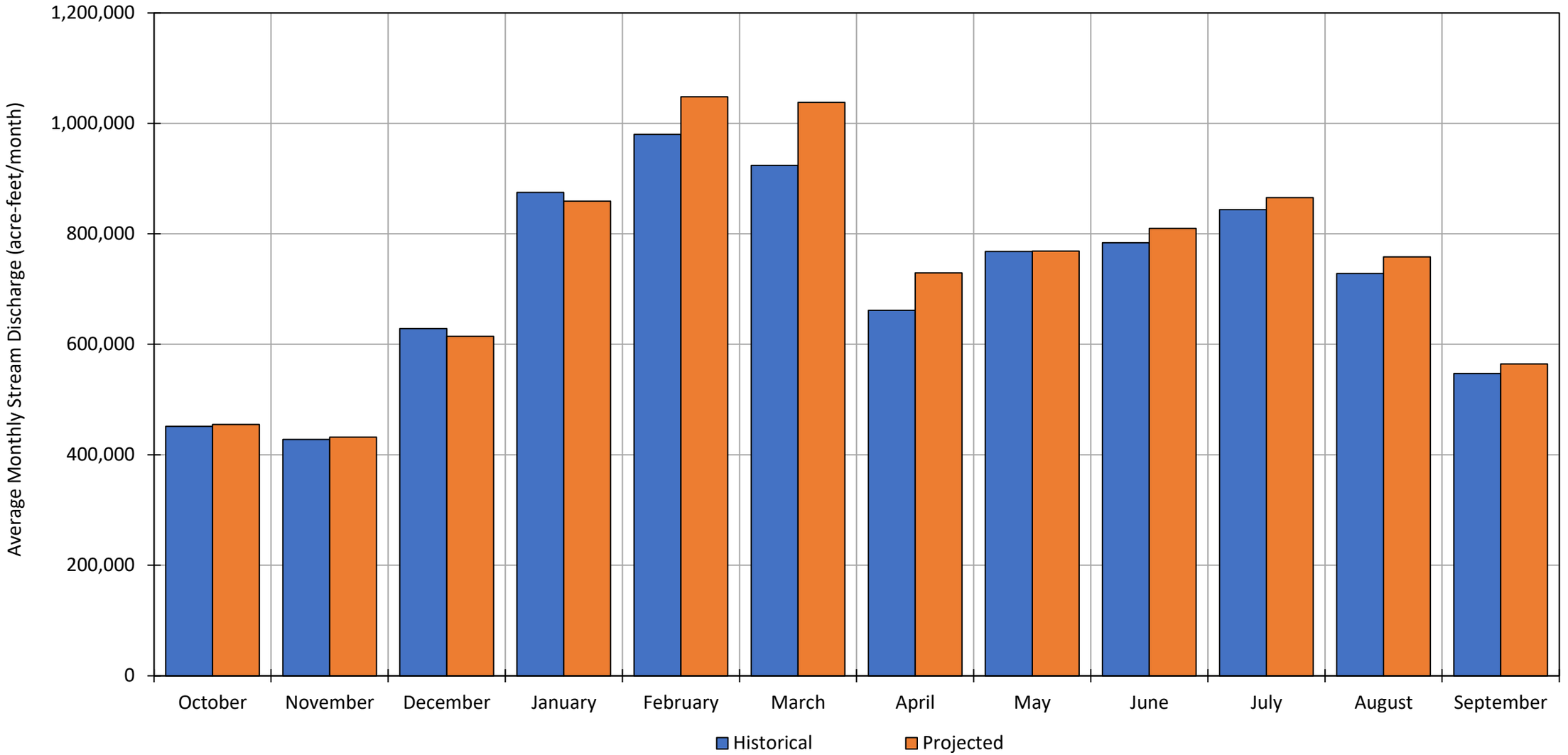
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use)

Inflow from Sacramento River at Red Bluff Subbasin Boundary

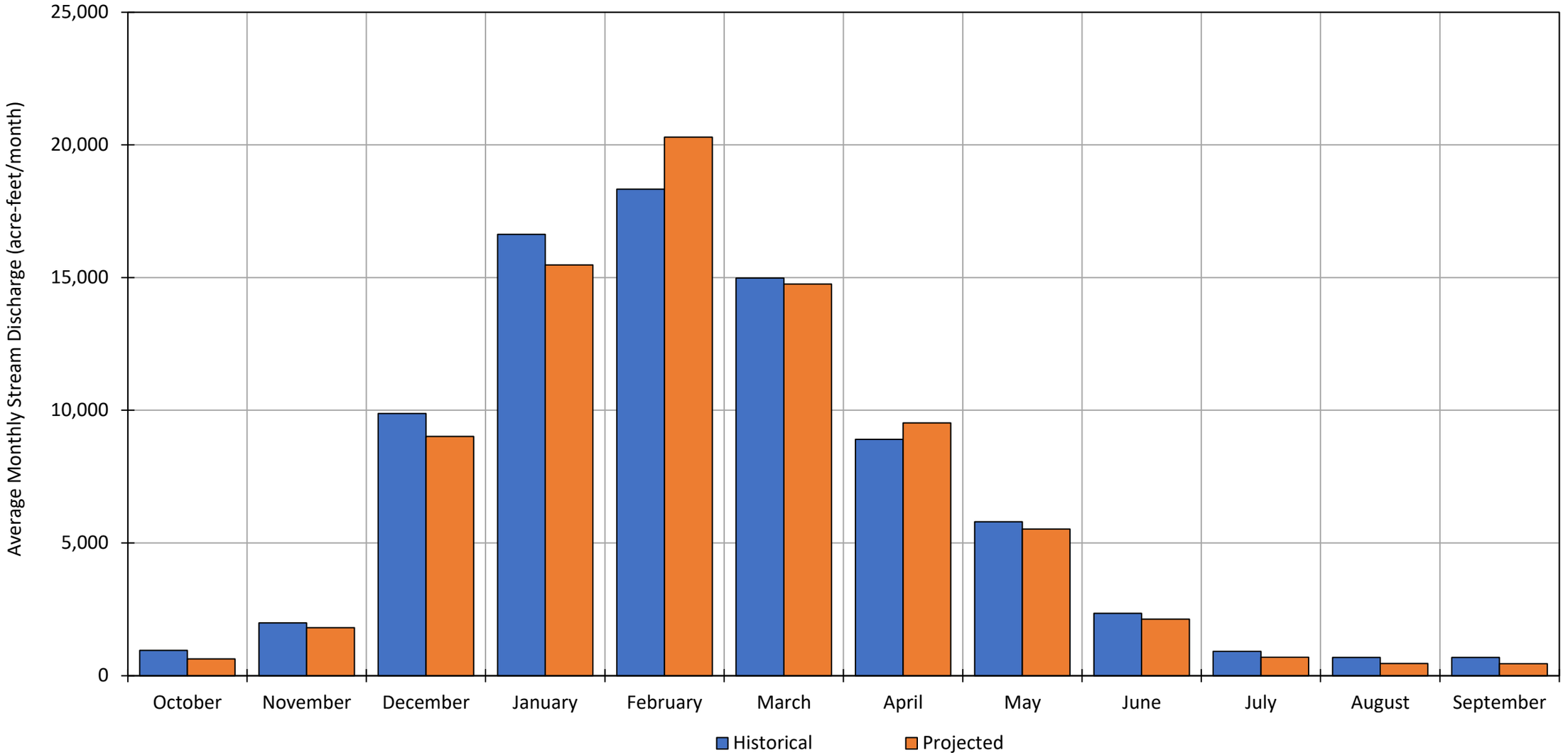
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Elder Creek to Sacramento River

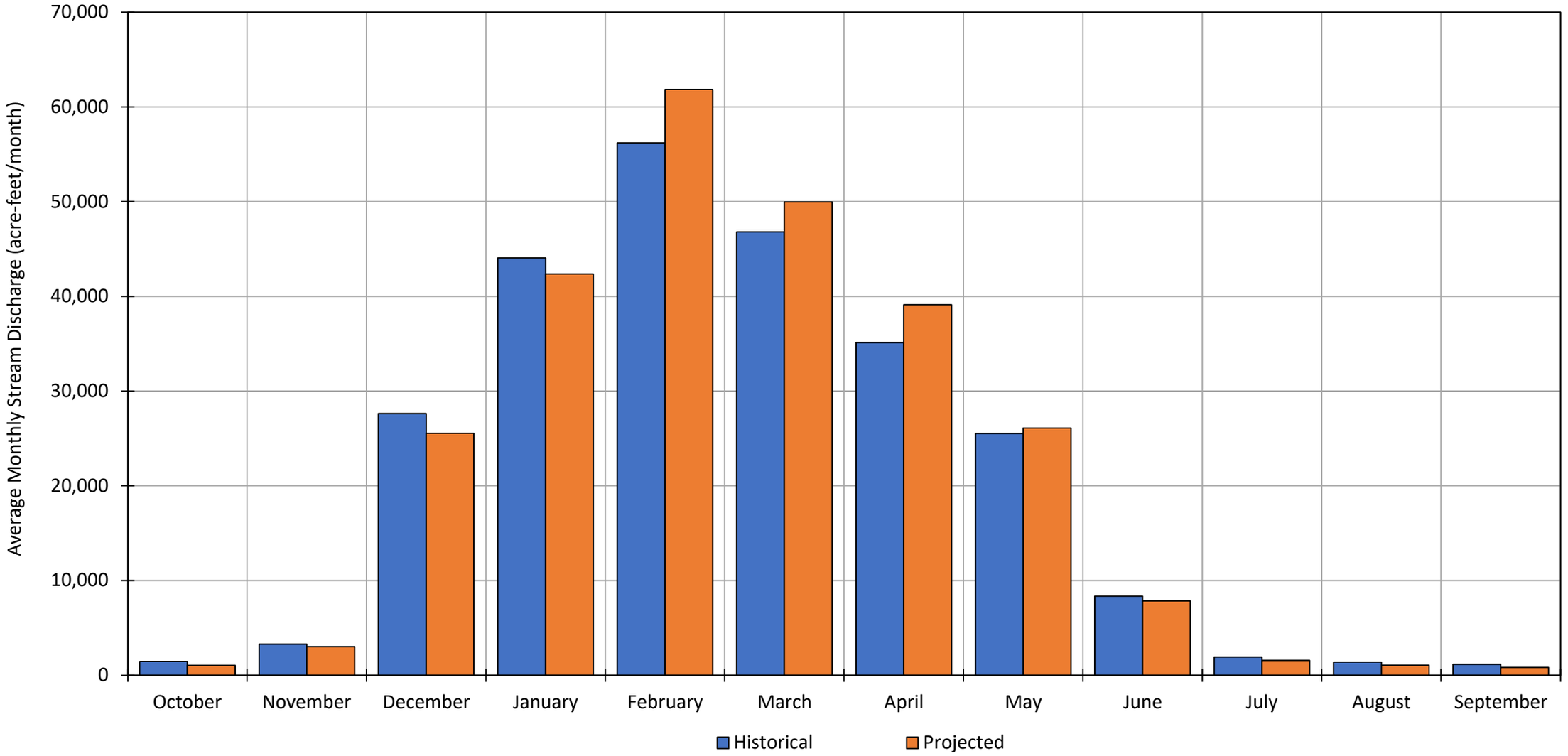
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Thomes Creek to Sacramento River

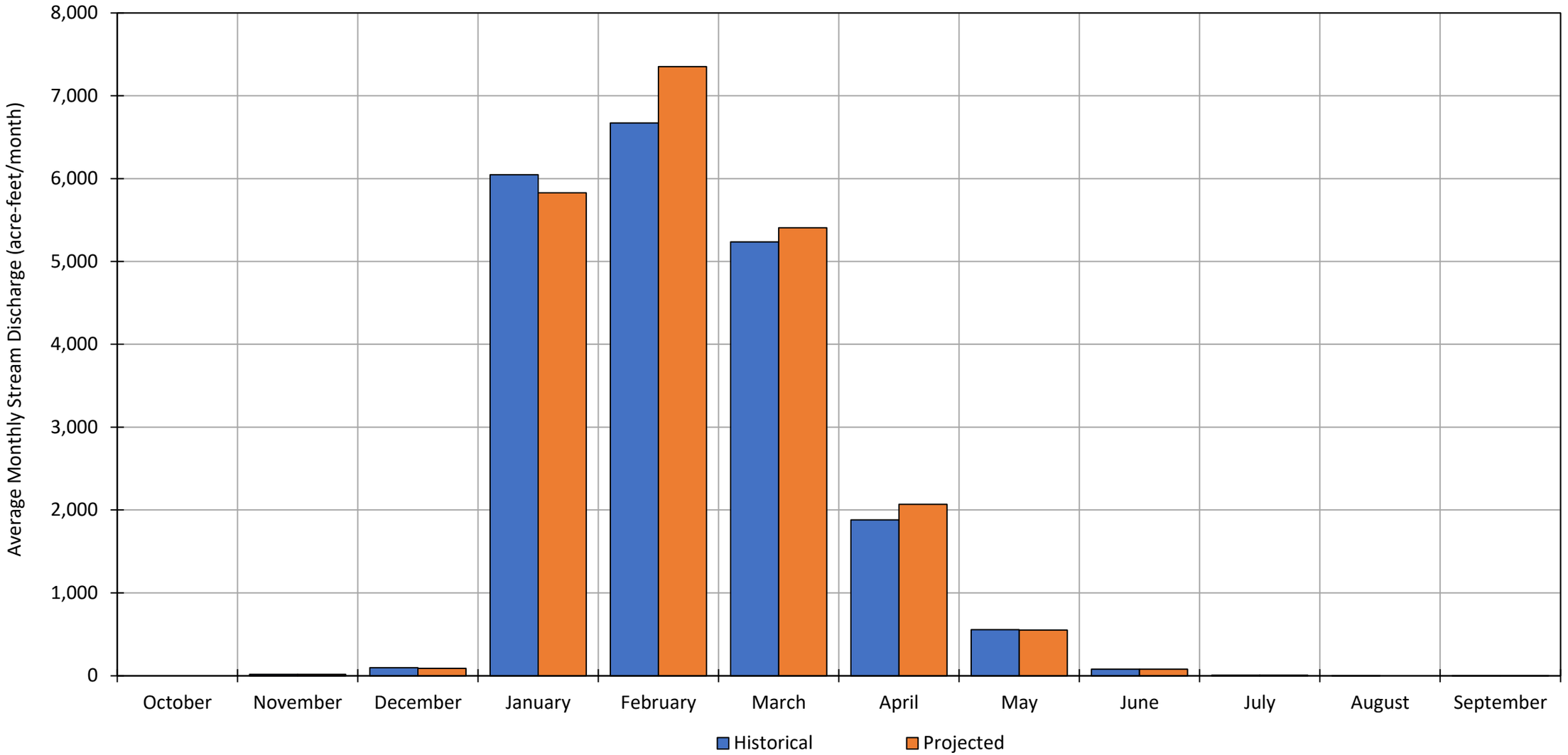
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Red Bank Creek to Sacramento River

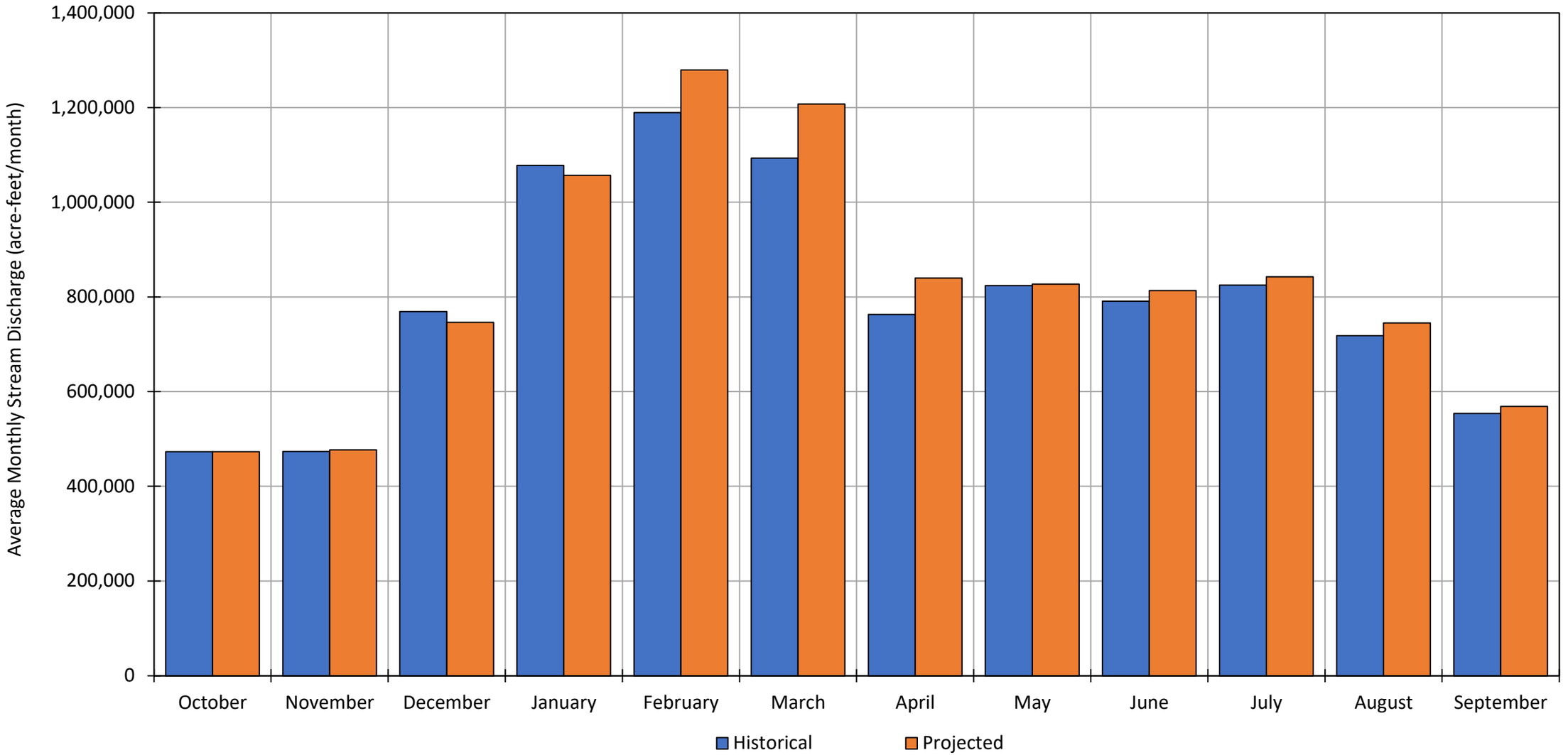
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use)

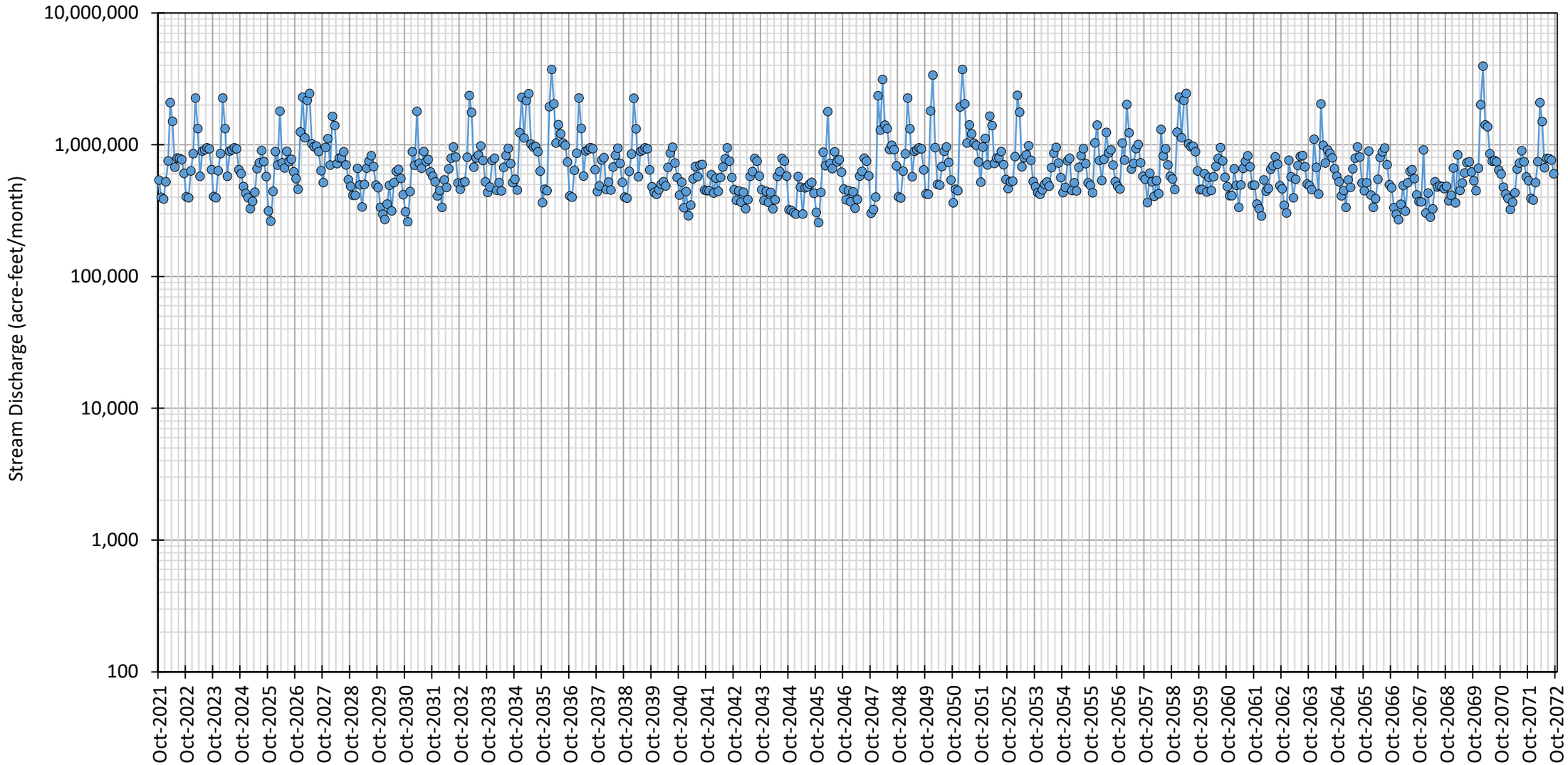
APPENDIX G-3

Tehama IHM Simulated Streamflows:

Projected (Future Land Use) Model Results

Inflow from Sacramento River at Antelope Subbasin Boundary

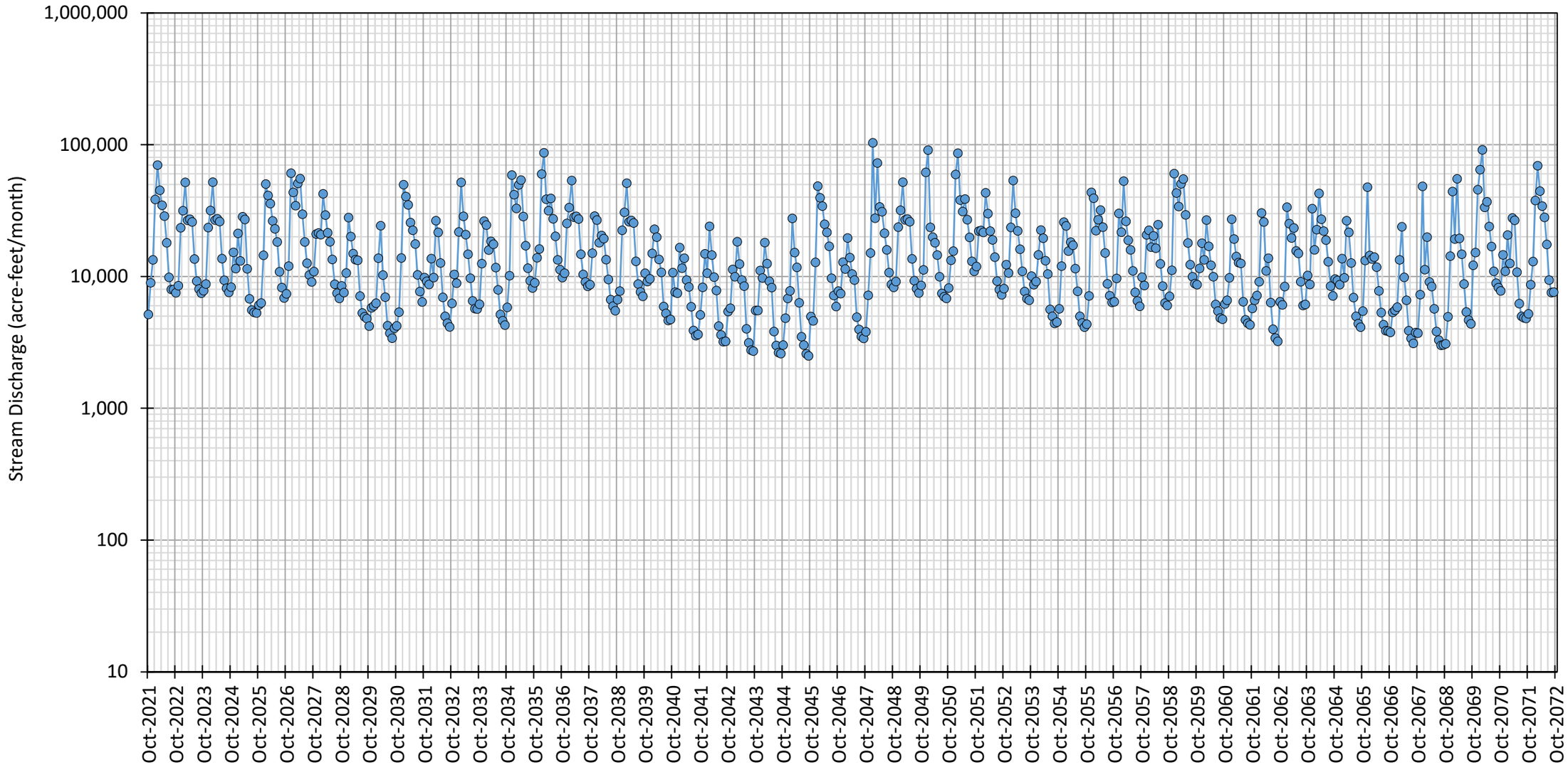
Antelope Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Antelope Creek Group to Sacramento River

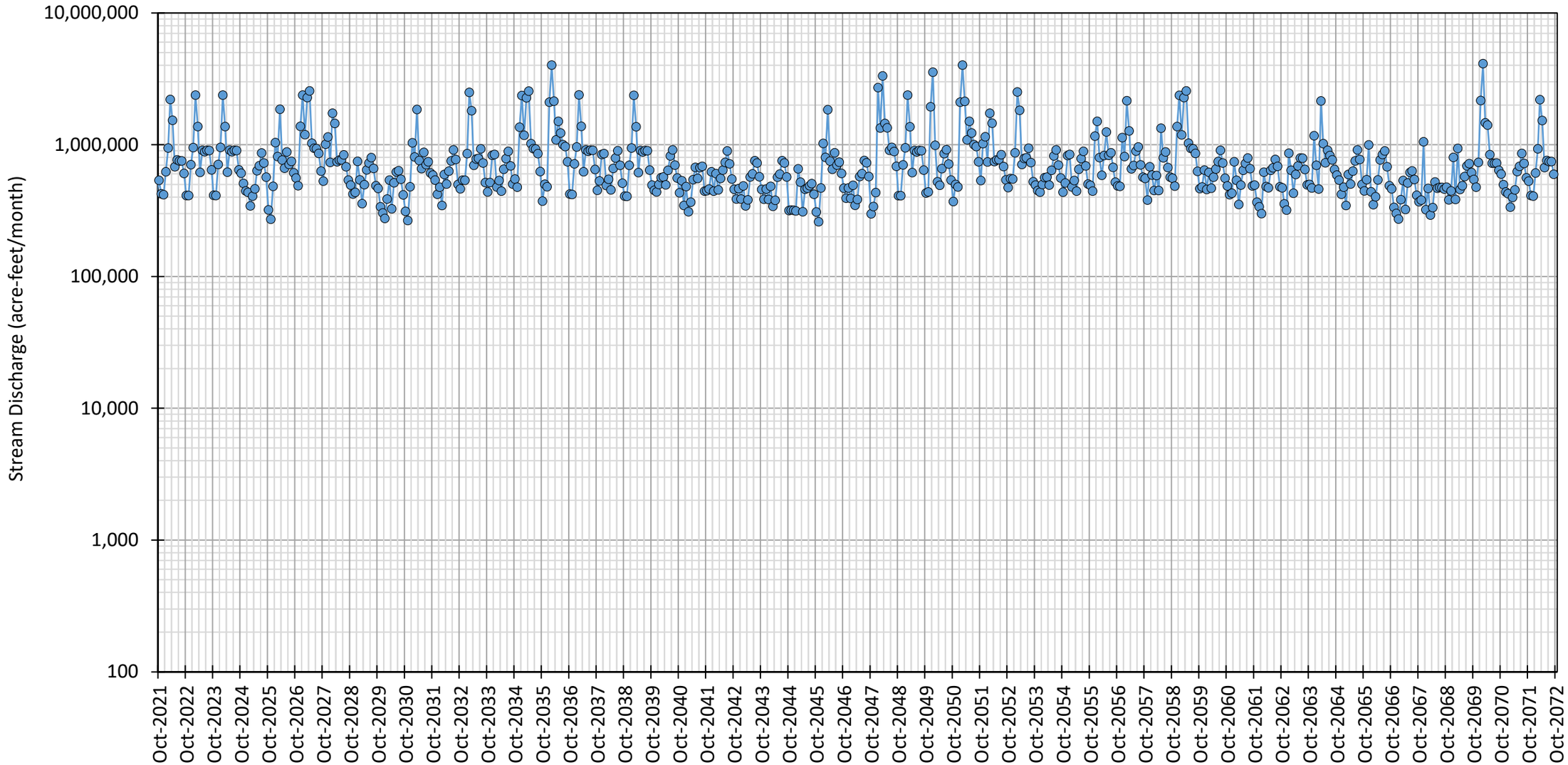
Antelope Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Sacramento River at Antelope Subbasin Boundary

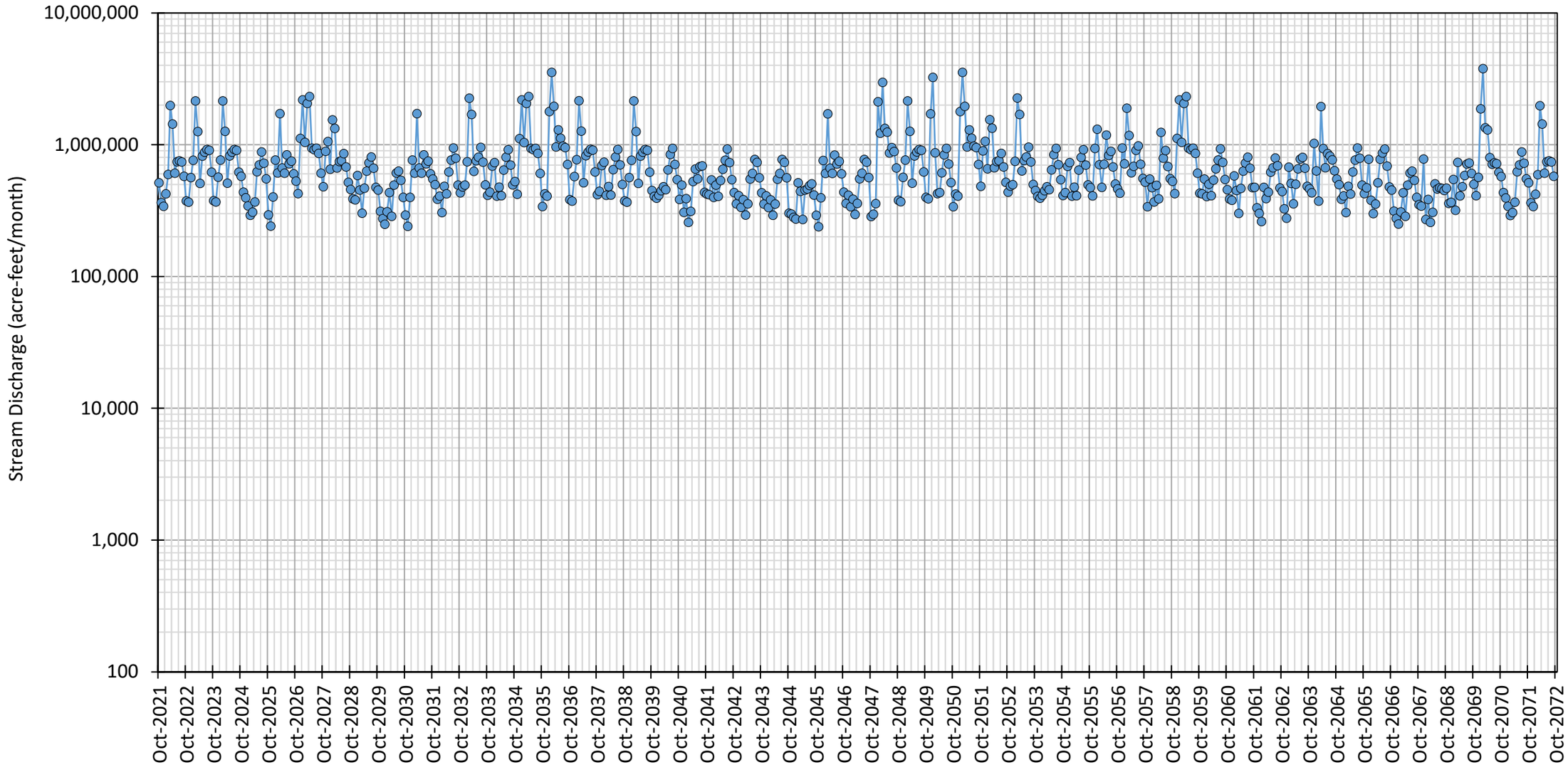
Antelope Subbasin



Tehama IHM - Projected (Future Land Use)

Inflow from Sacramento River at Bowman Subbasin Boundary

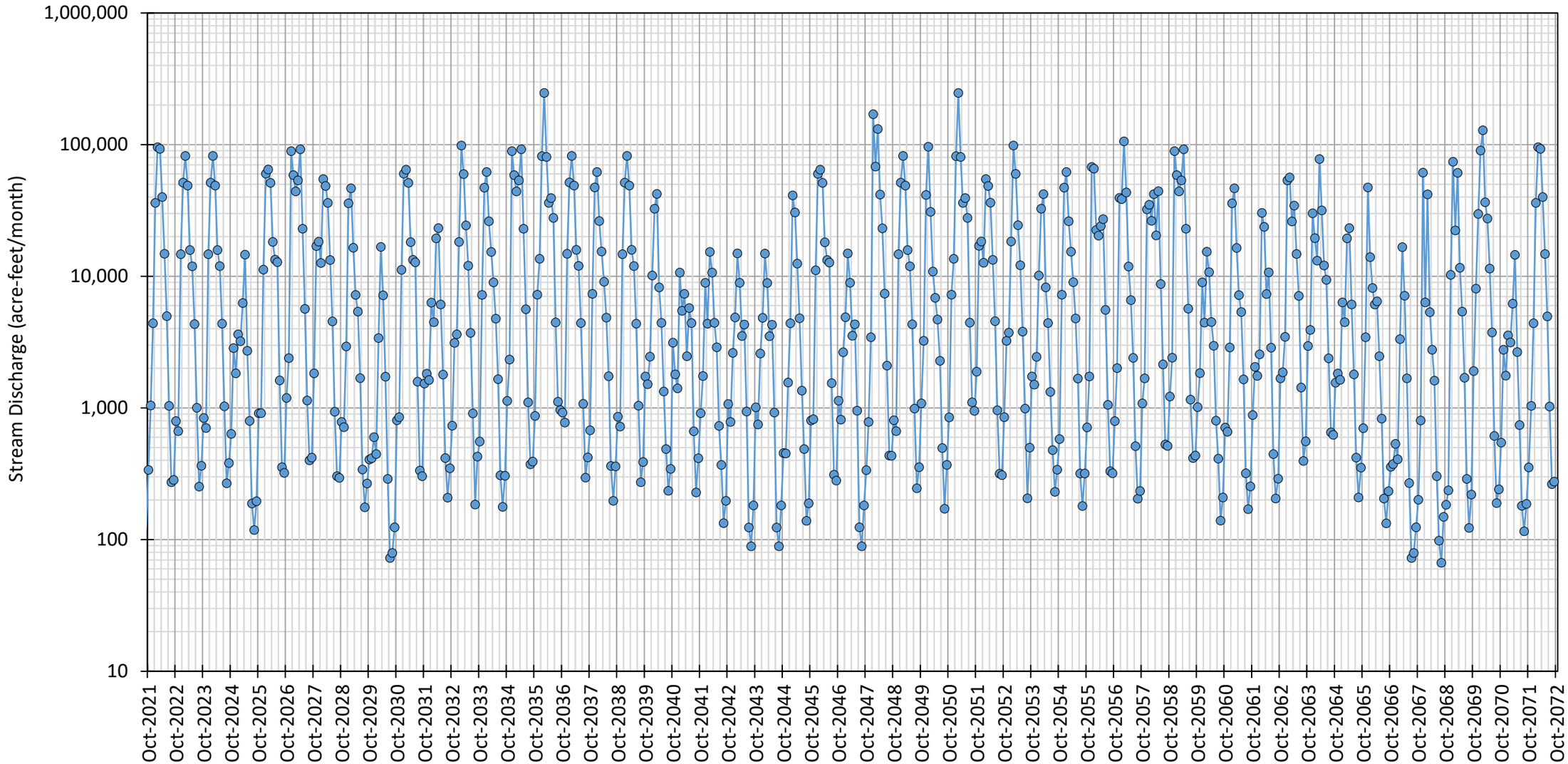
Bowman Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from MF Cottonwood Creek to Cottonwood Creek

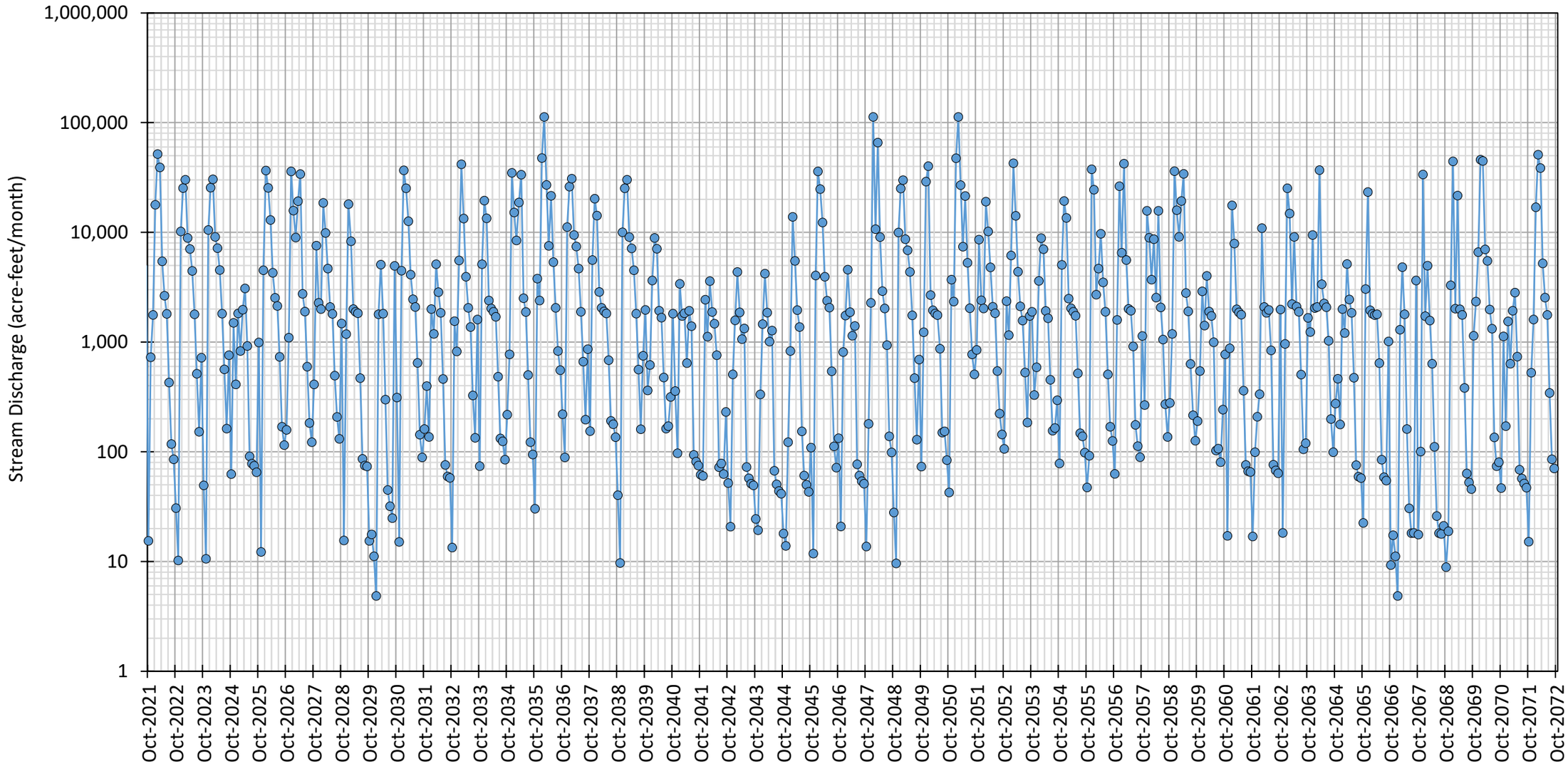
Bowman Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from SF Cottonwood Creek to Cottonwood Creek

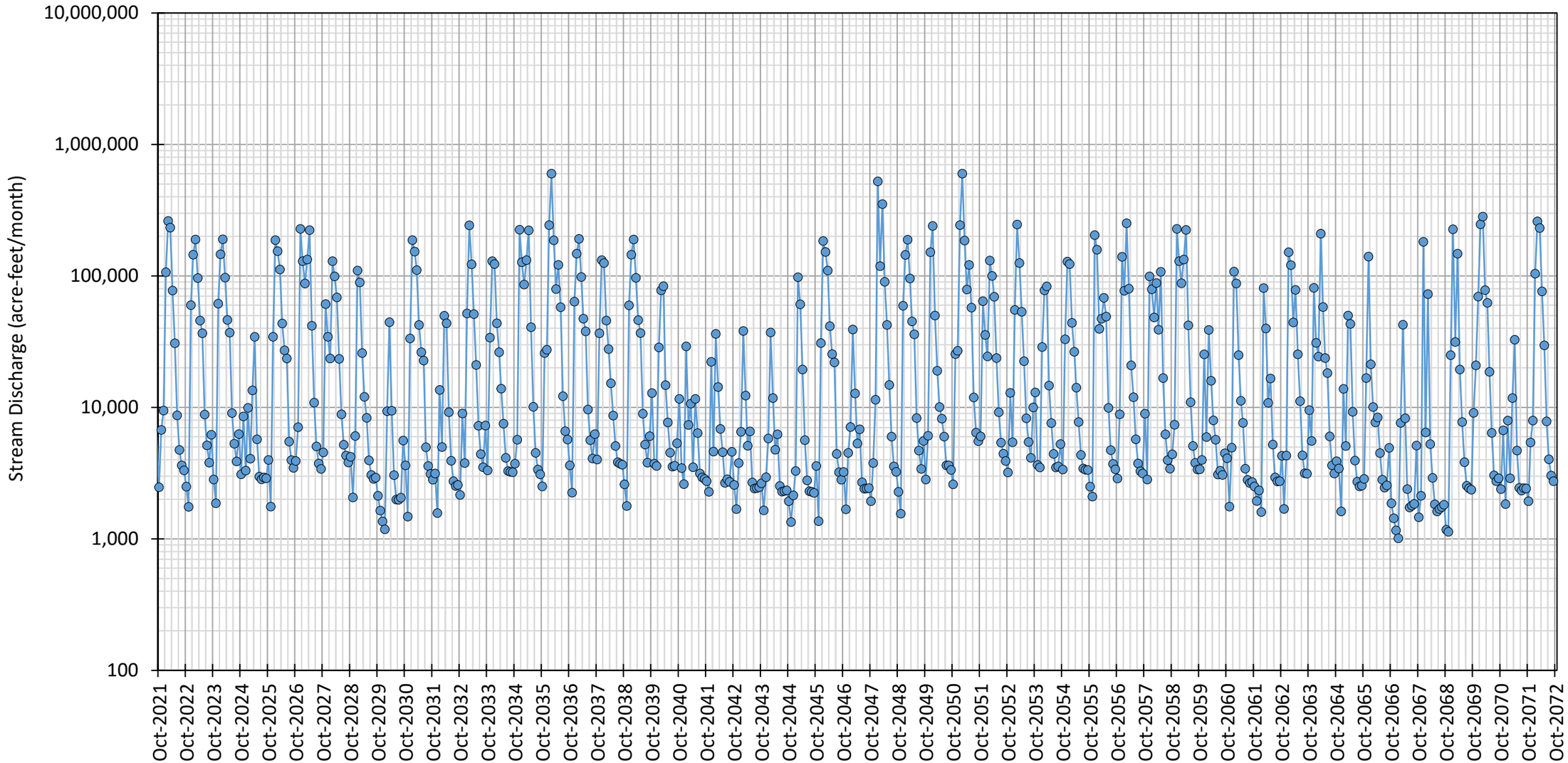
Bowman Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Cottonwood Creek to Sacramento River

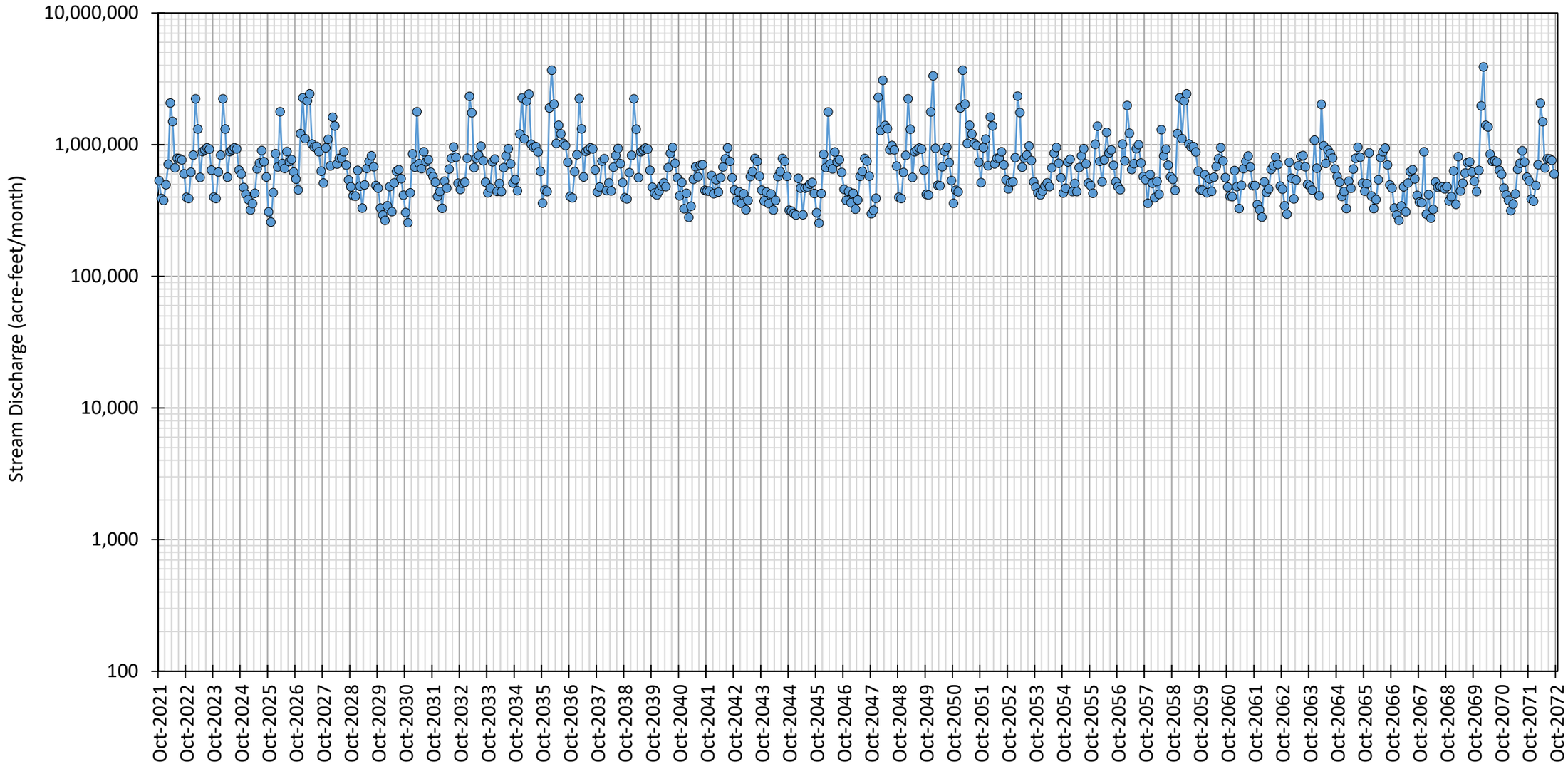
Bowman Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Sacramento River at Bowman Subbasin Boundary

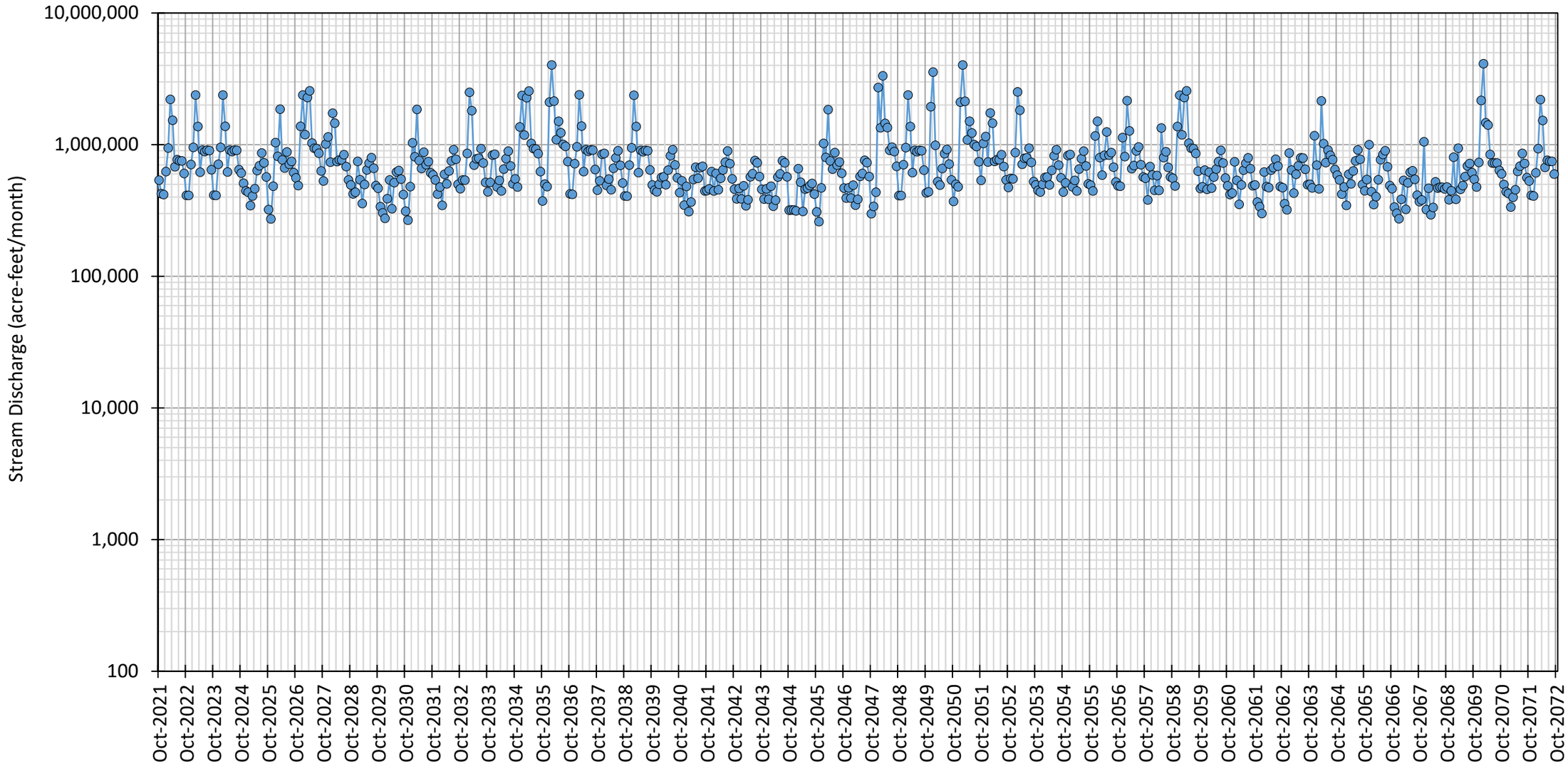
Bowman Subbasin



Tehama IHM - Projected (Future Land Use)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

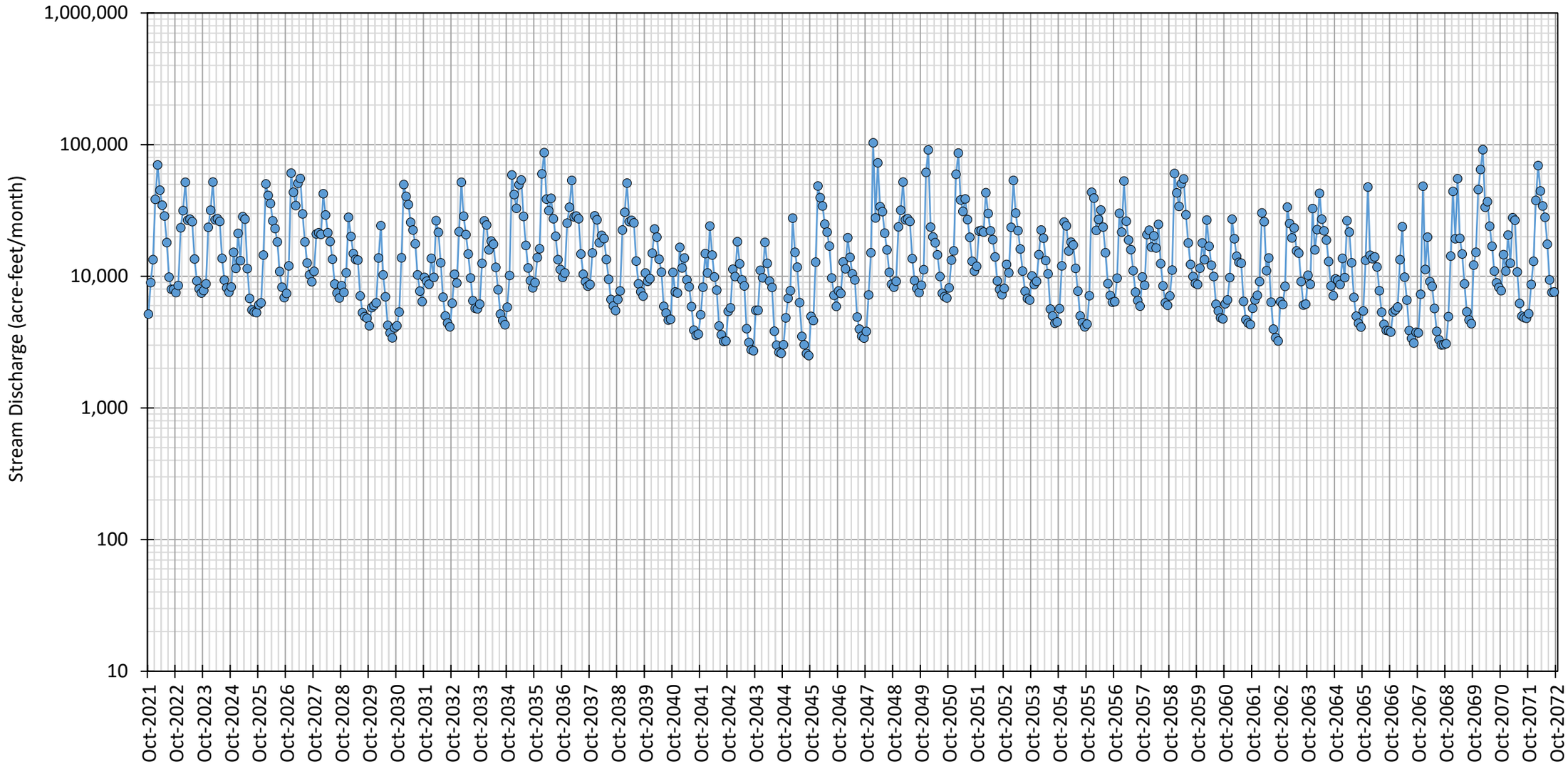
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Antelope Creek Group to Sacramento River

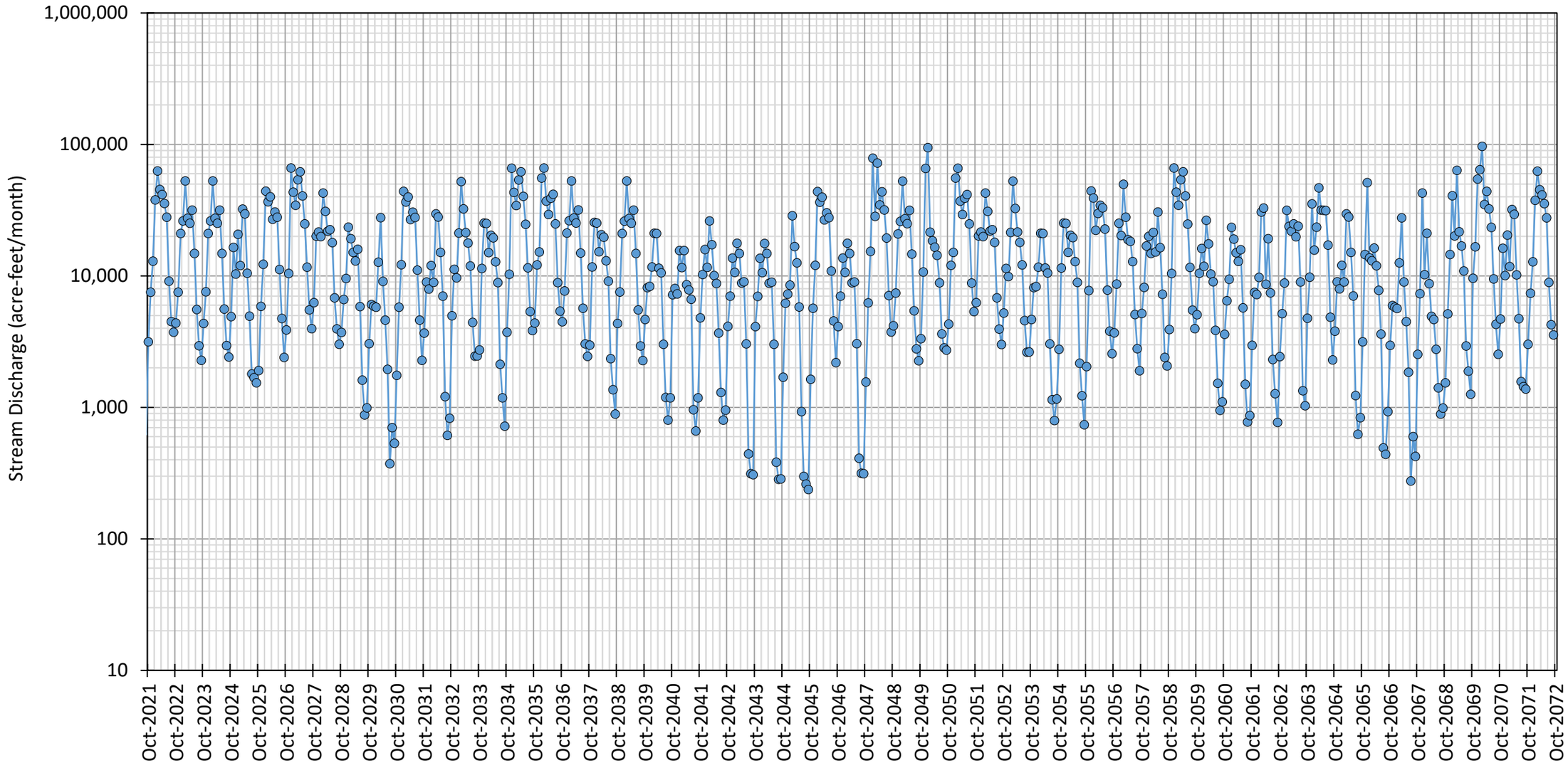
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Mill Creek to Sacramento River

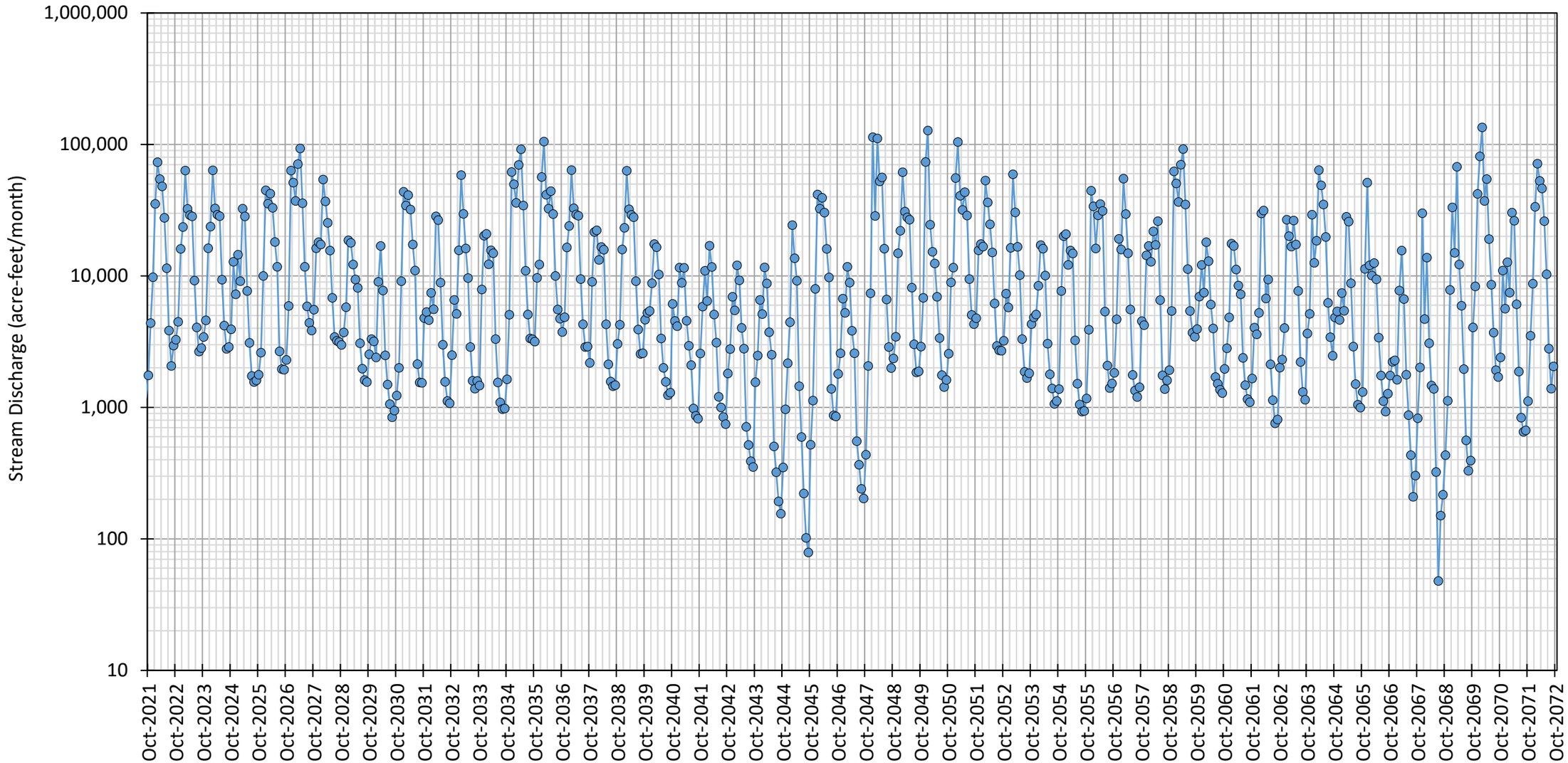
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Deer Creek Group to Sacramento River

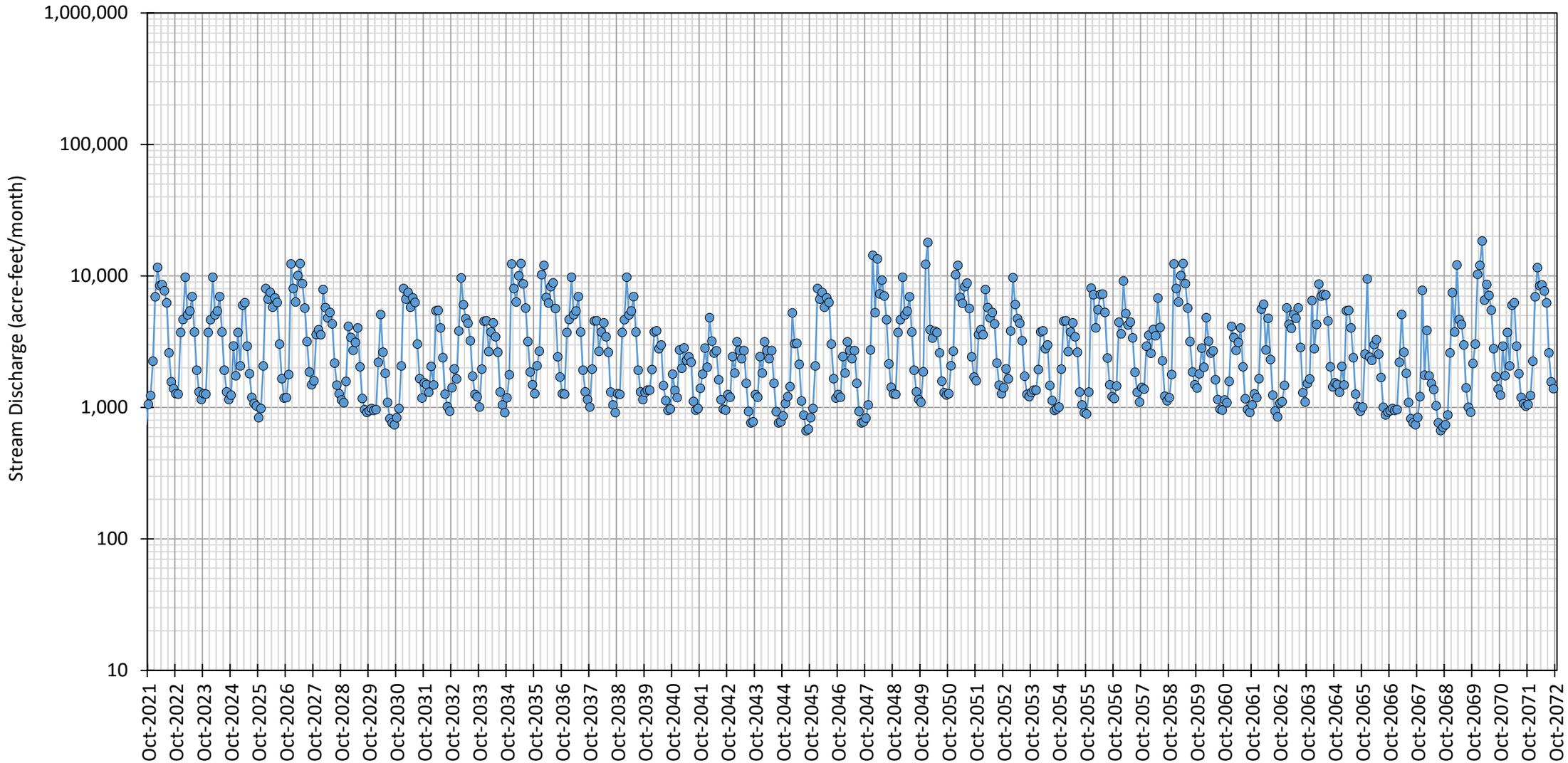
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Dye Creek to Sacramento River

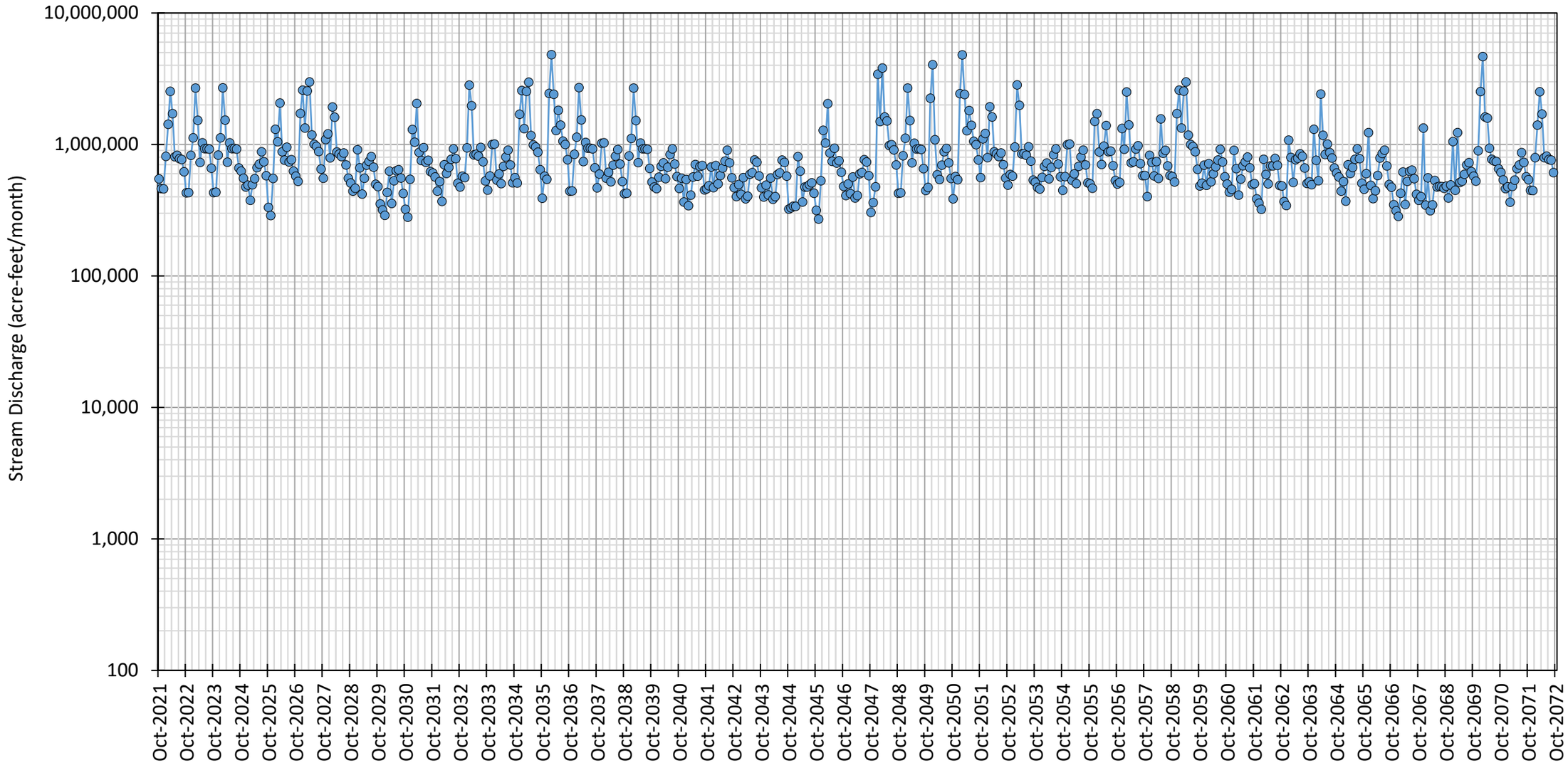
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Sacramento River at Los Molinos Subbasin Boundary

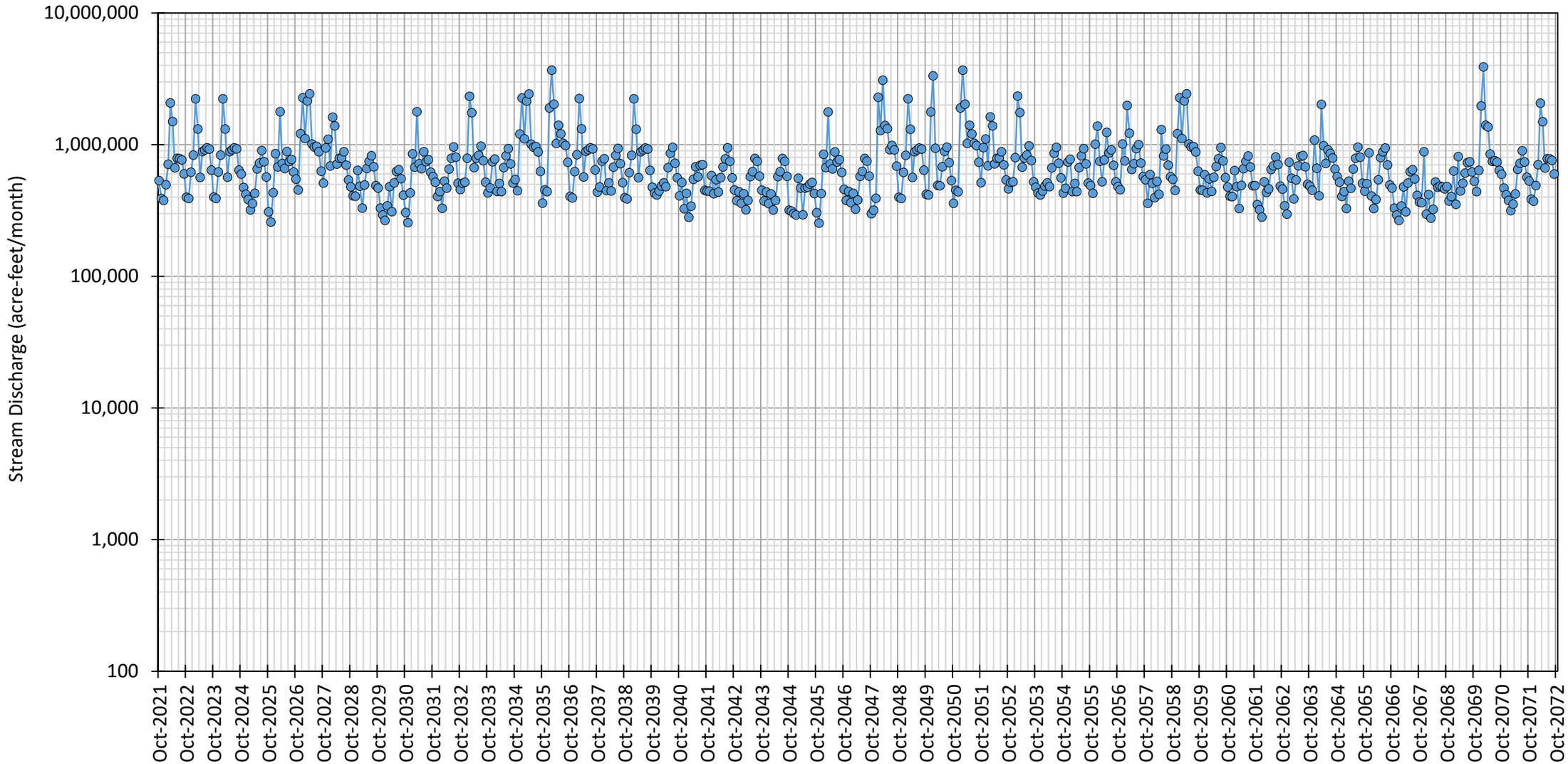
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use)

Inflow from Sacramento River at Red Bluff Subbasin Boundary

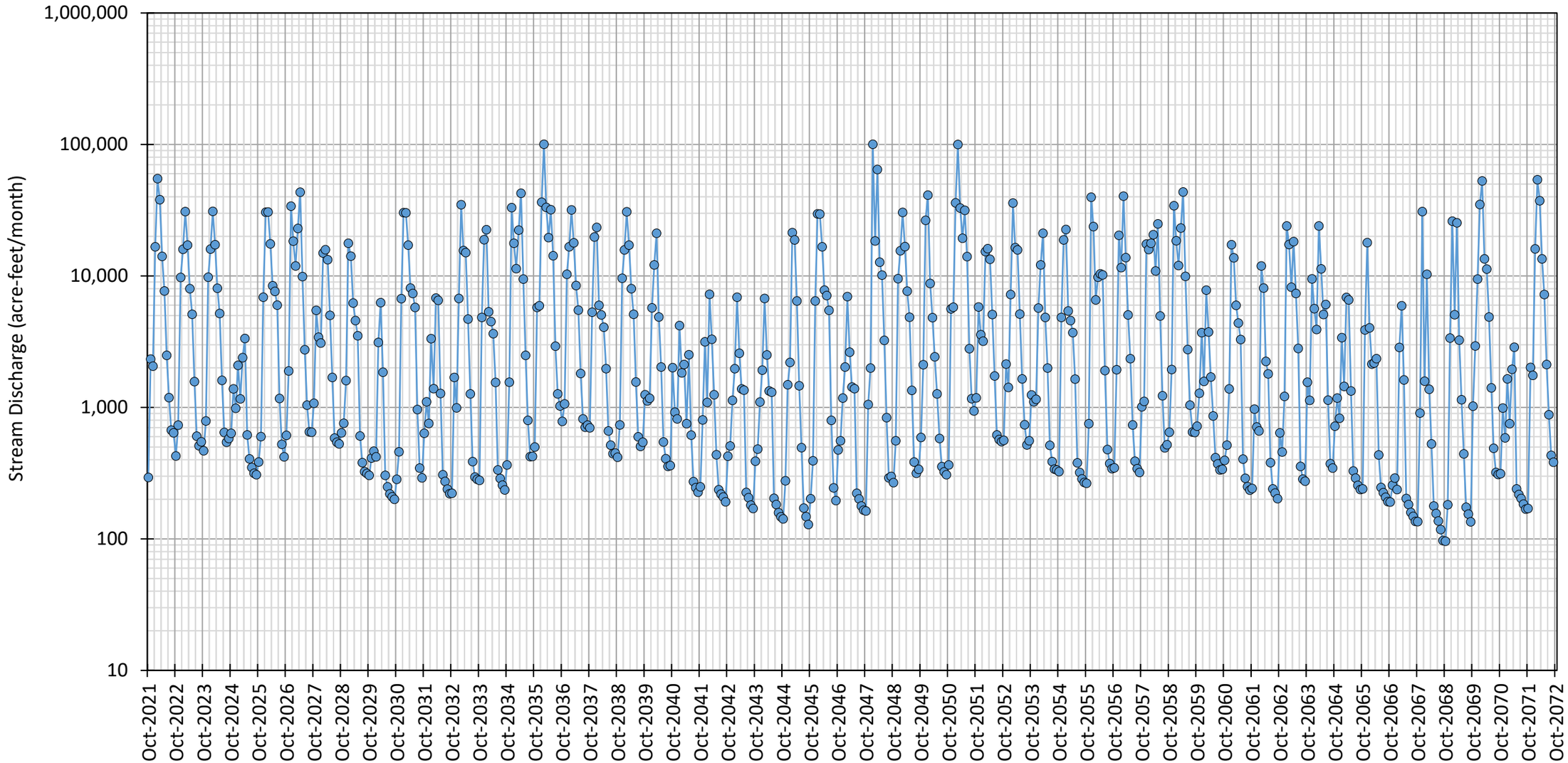
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Elder Creek to Sacramento River

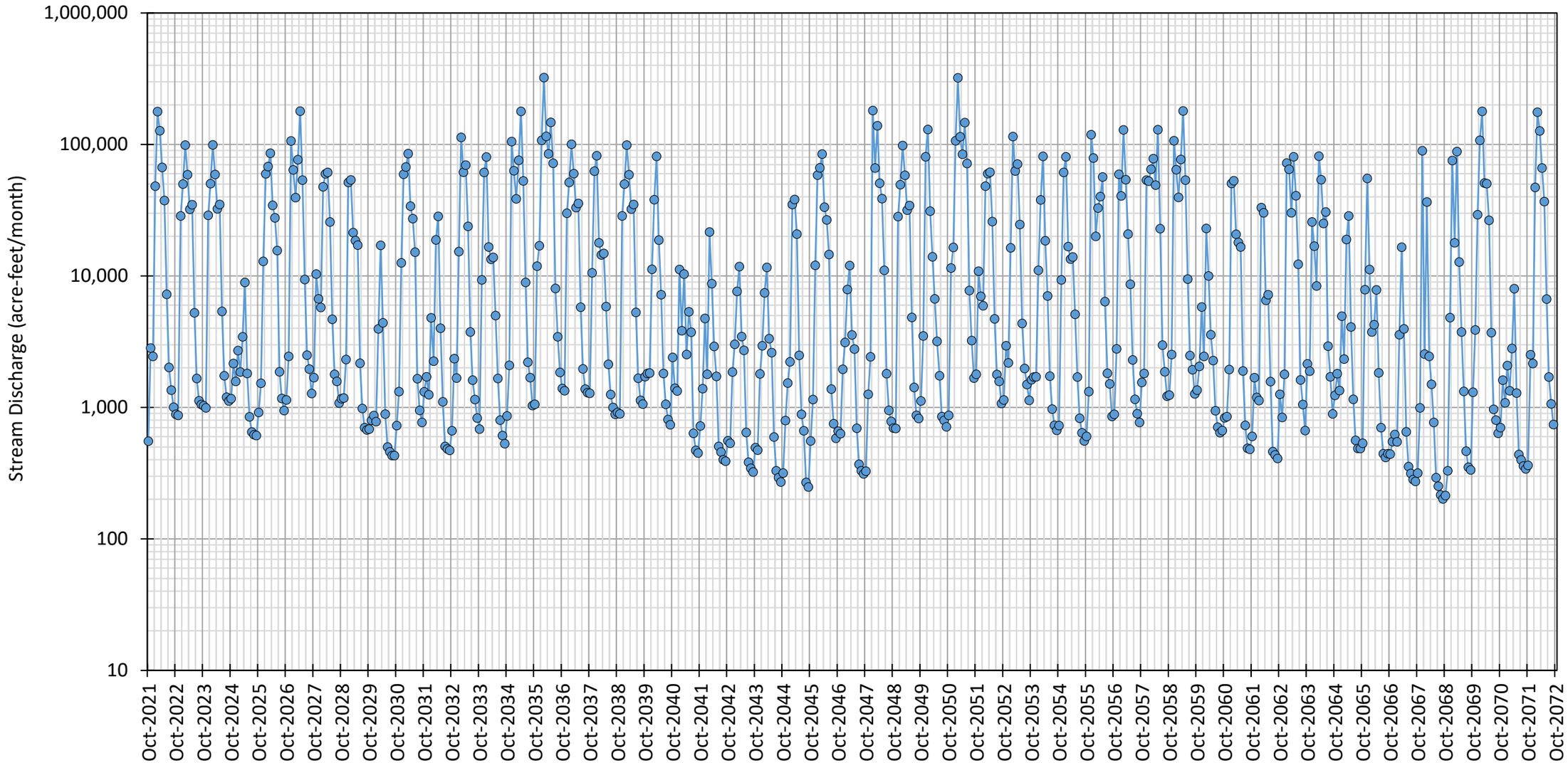
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Thomes Creek to Sacramento River

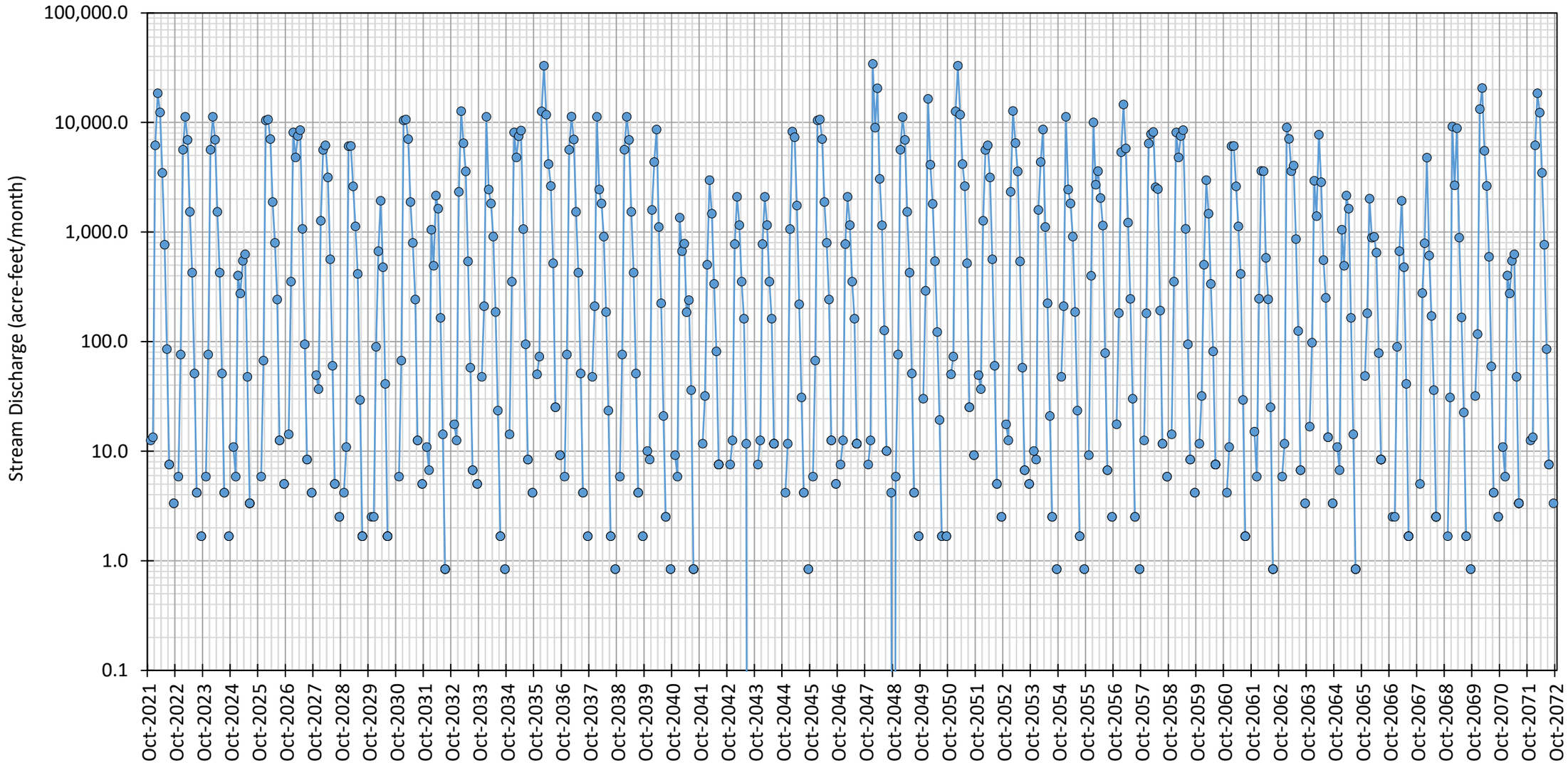
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Red Bank Creek to Sacramento River

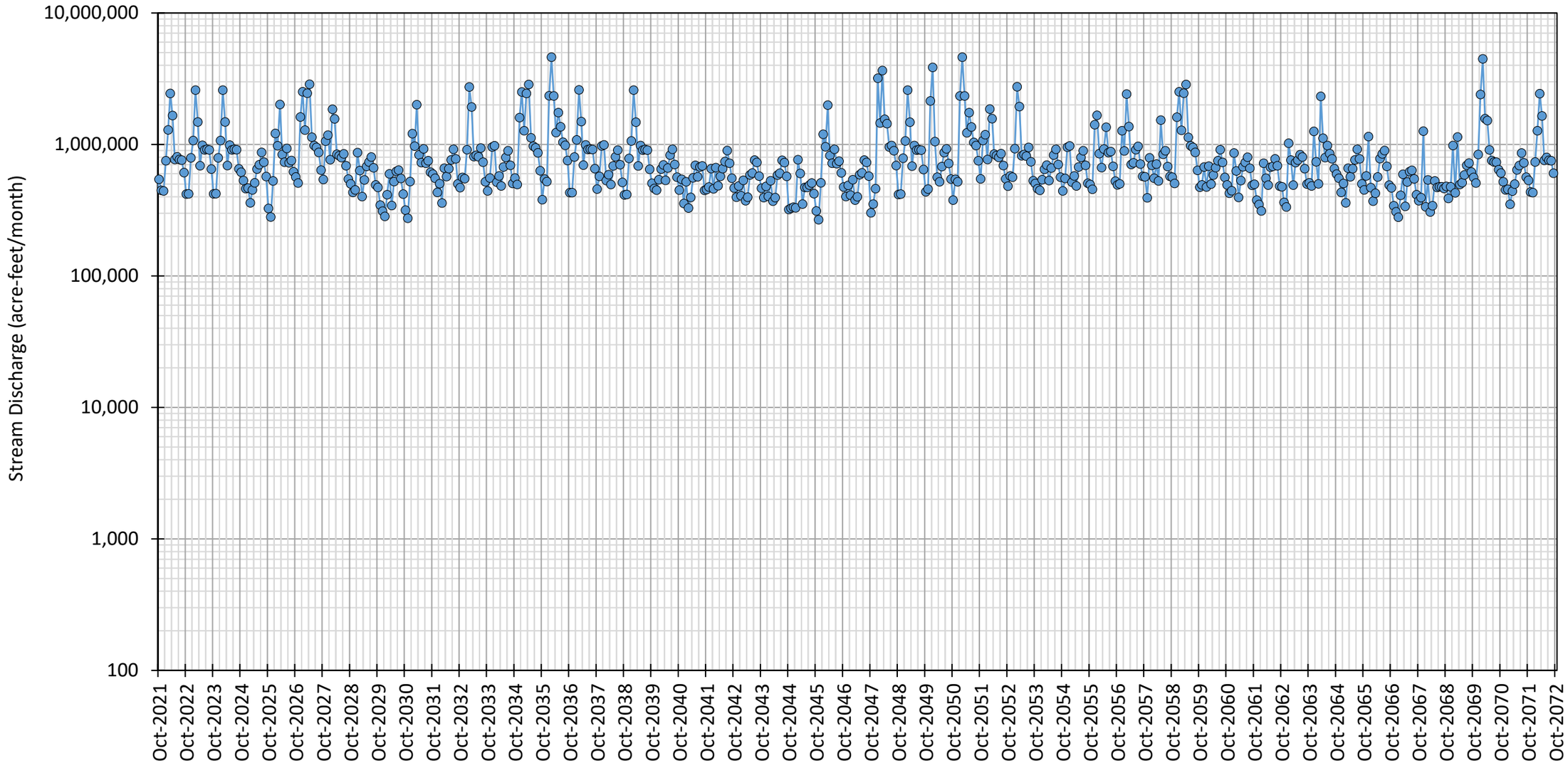
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

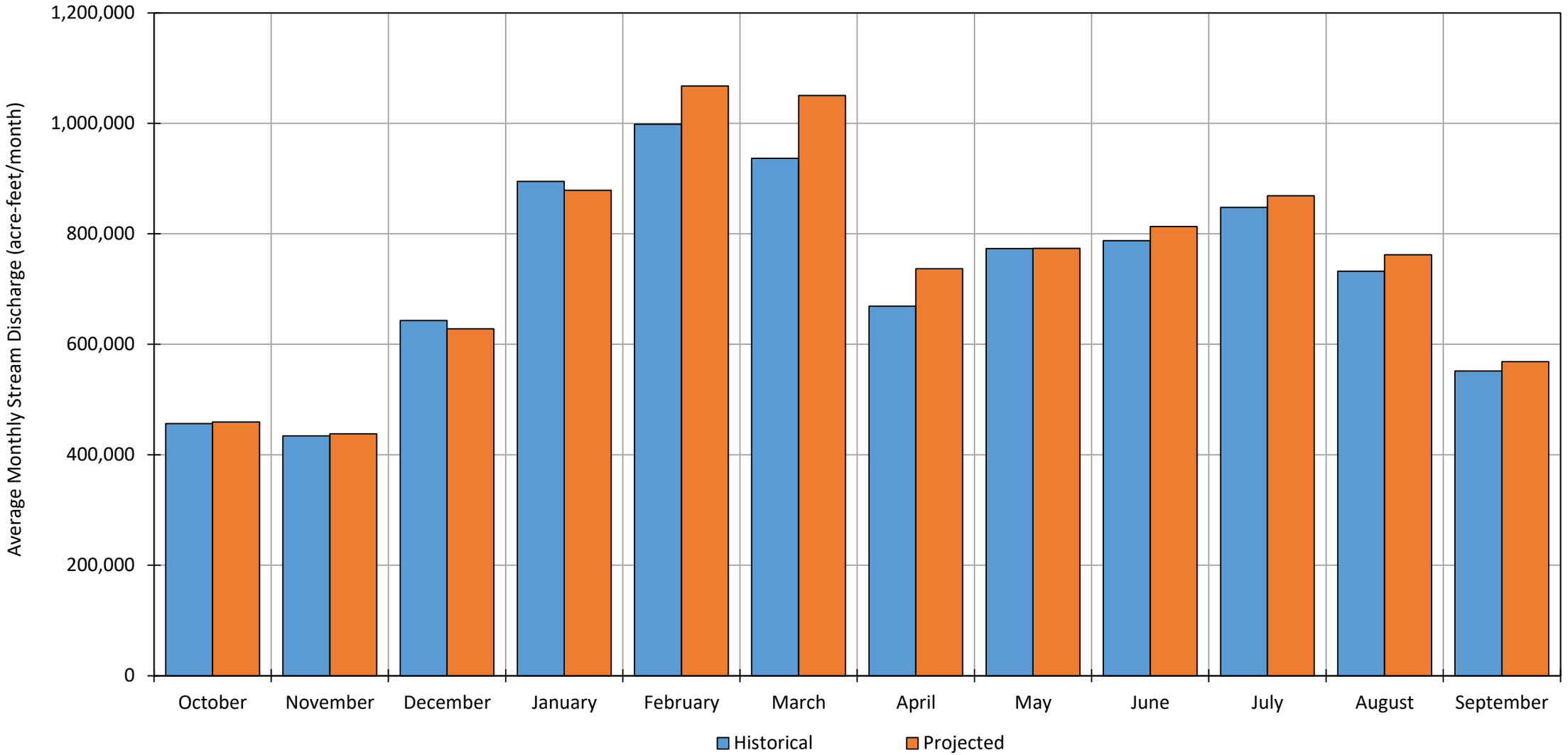
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use)

Inflow from Sacramento River at Antelope Subbasin Boundary

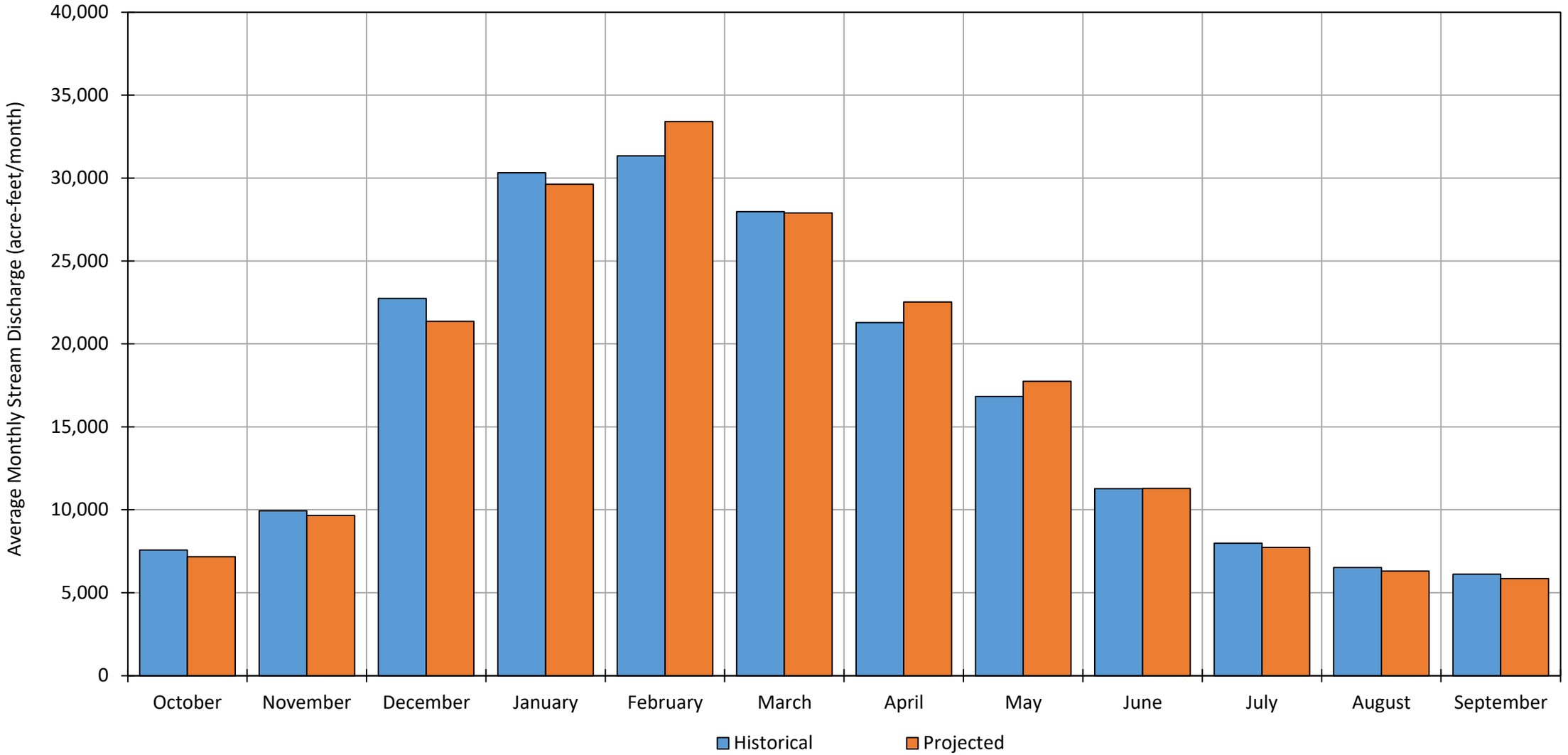
Antelope Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Antelope Creek Group to Sacramento River

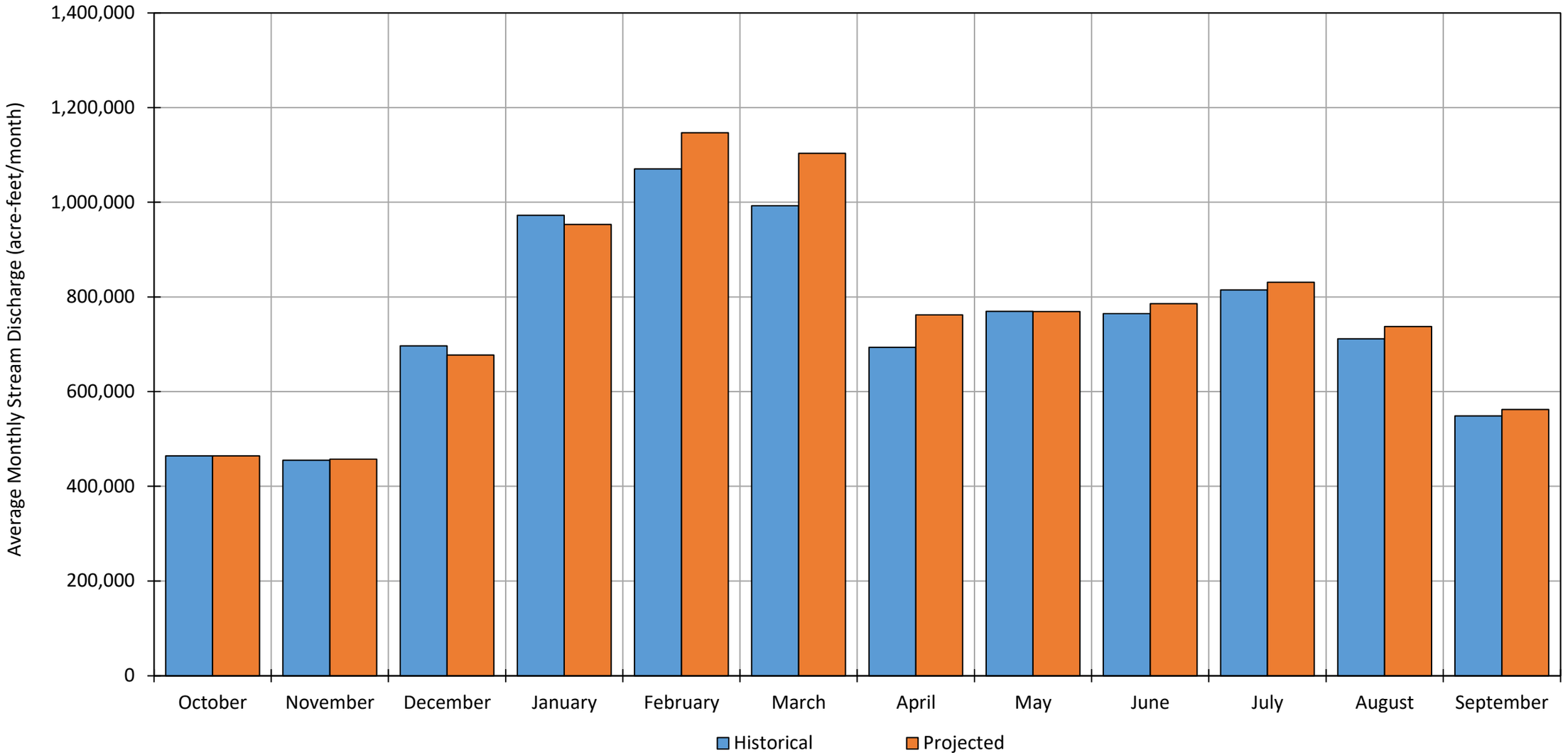
Antelope Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Sacramento River at Antelope Subbasin Boundary

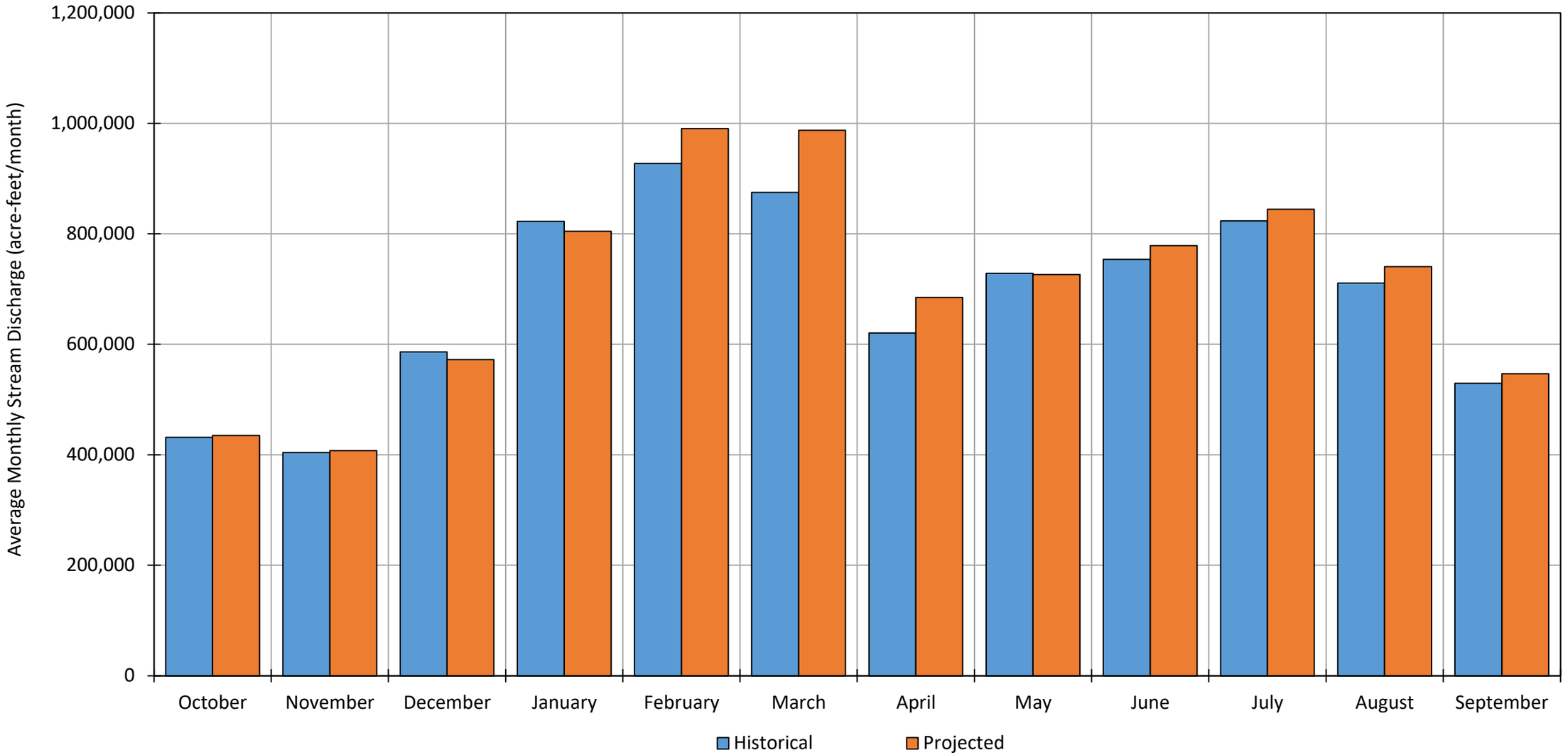
Antelope Subbasin



Tehama IHM - Projected (Future Land Use)

Inflow from Sacramento River at Bowman Subbasin Boundary

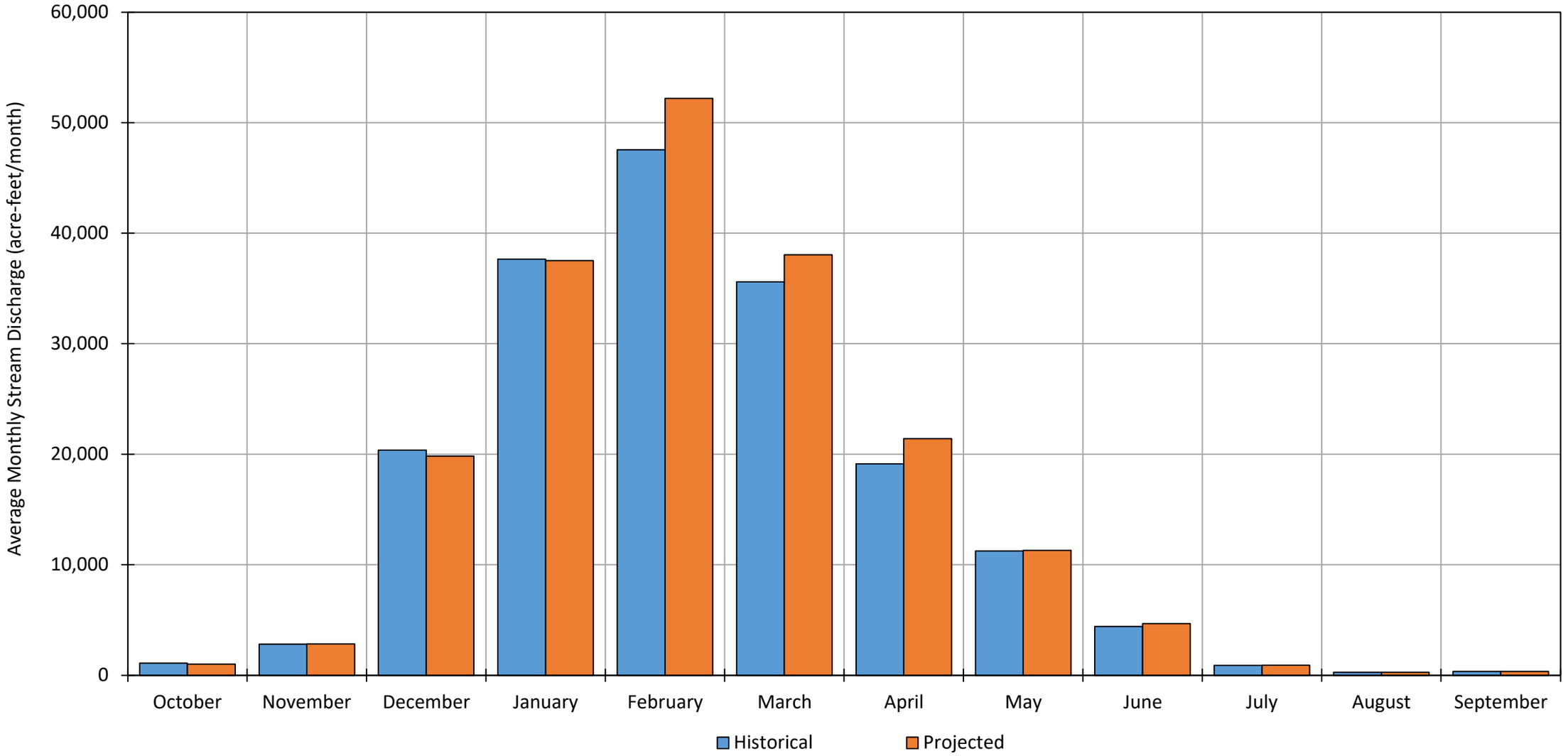
Bowman Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from MF Cottonwood Creek to Cottonwood Creek

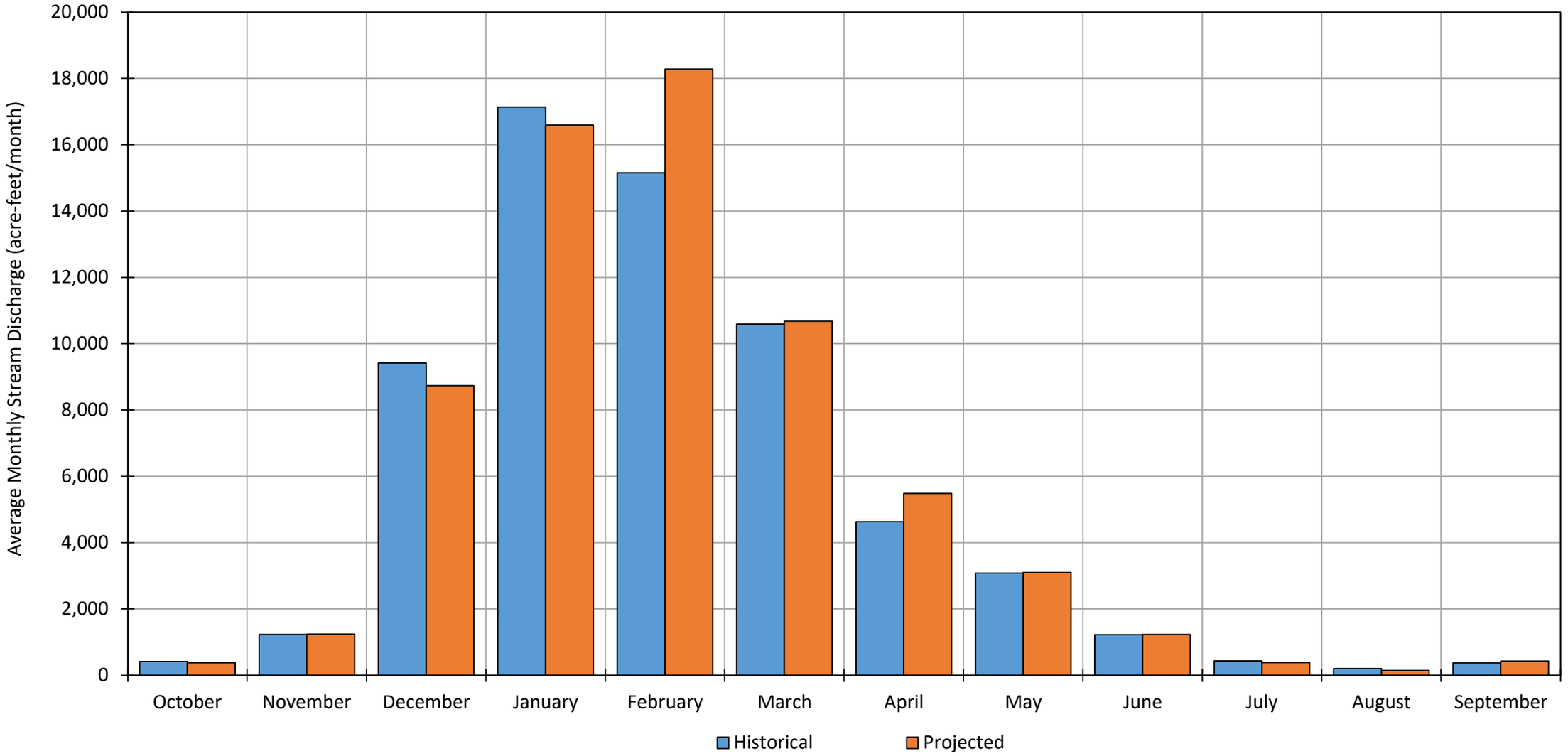
Bowman Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from SF Cottonwood Creek to Cottonwood Creek

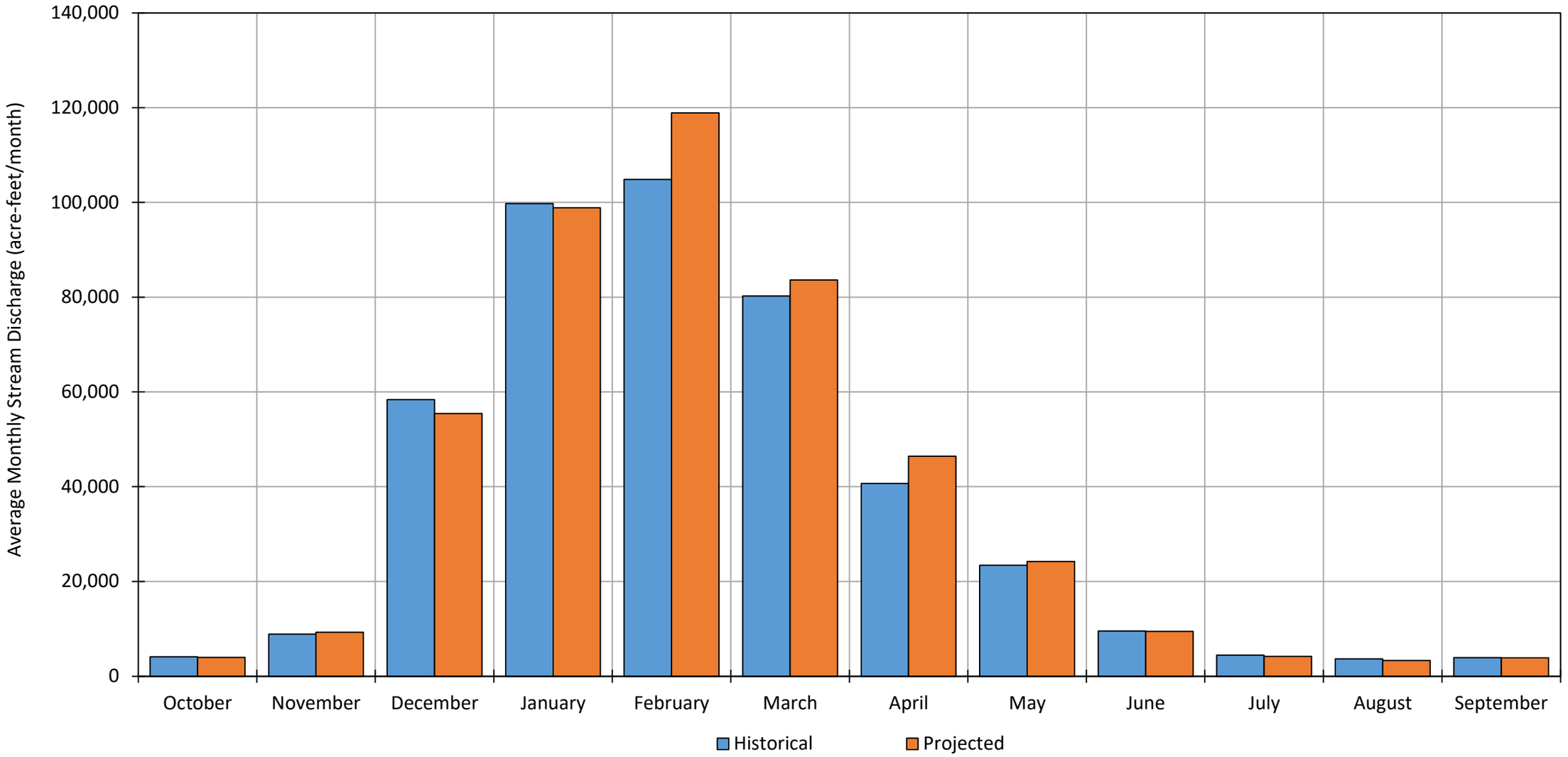
Bowman Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Cottonwood Creek to Sacramento River

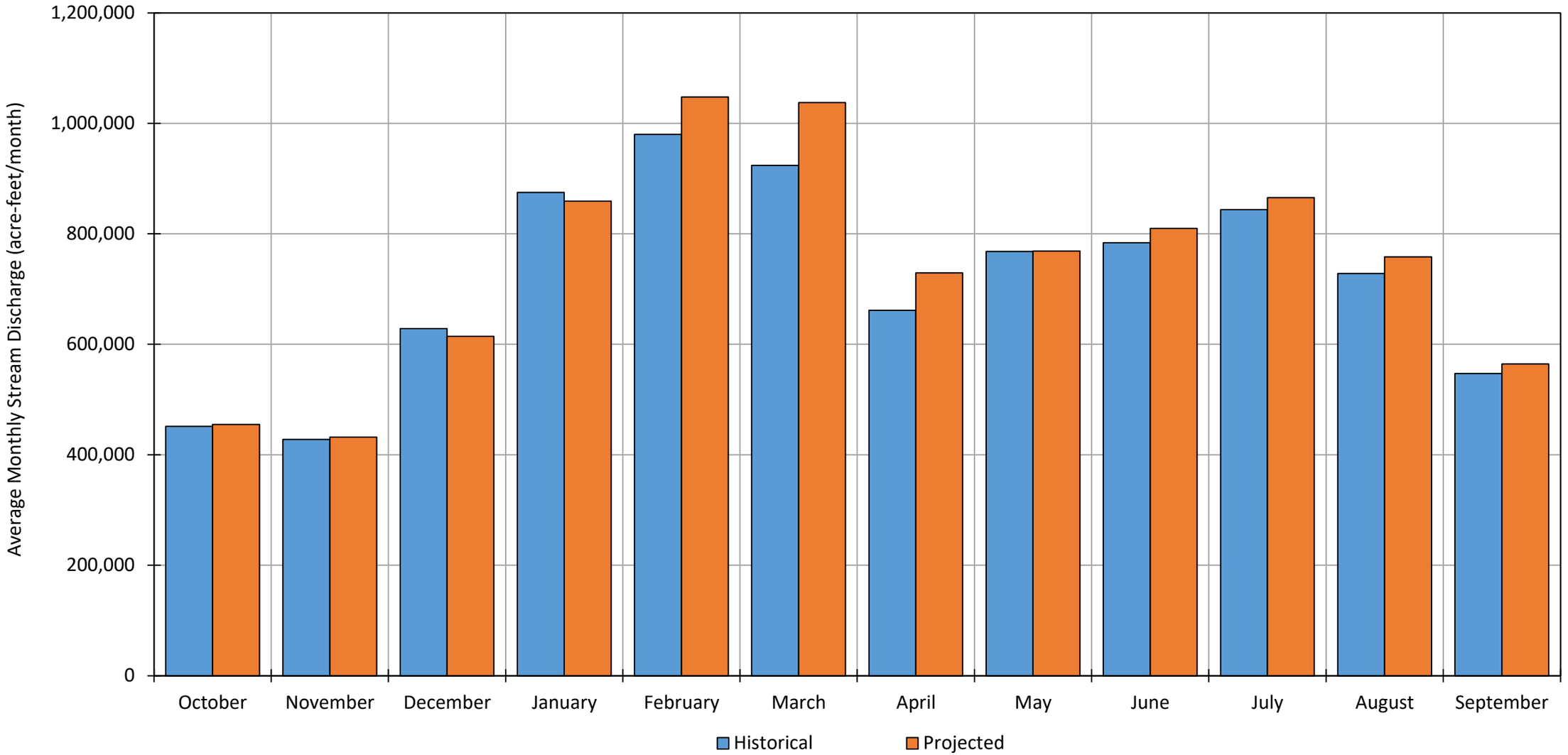
Bowman Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Sacramento River at Bowman Subbasin Boundary

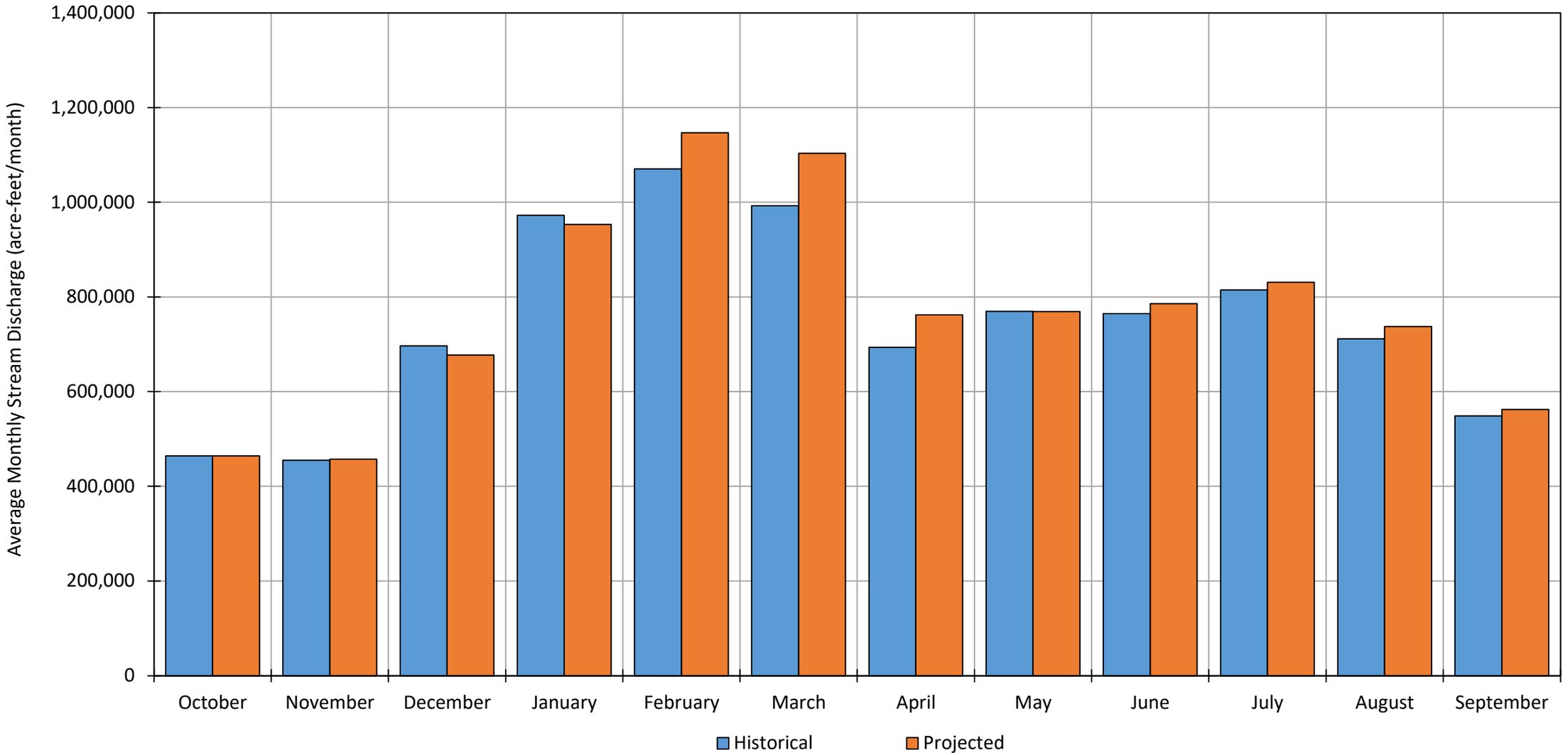
Bowman Subbasin



Tehama IHM - Projected (Future Land Use)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

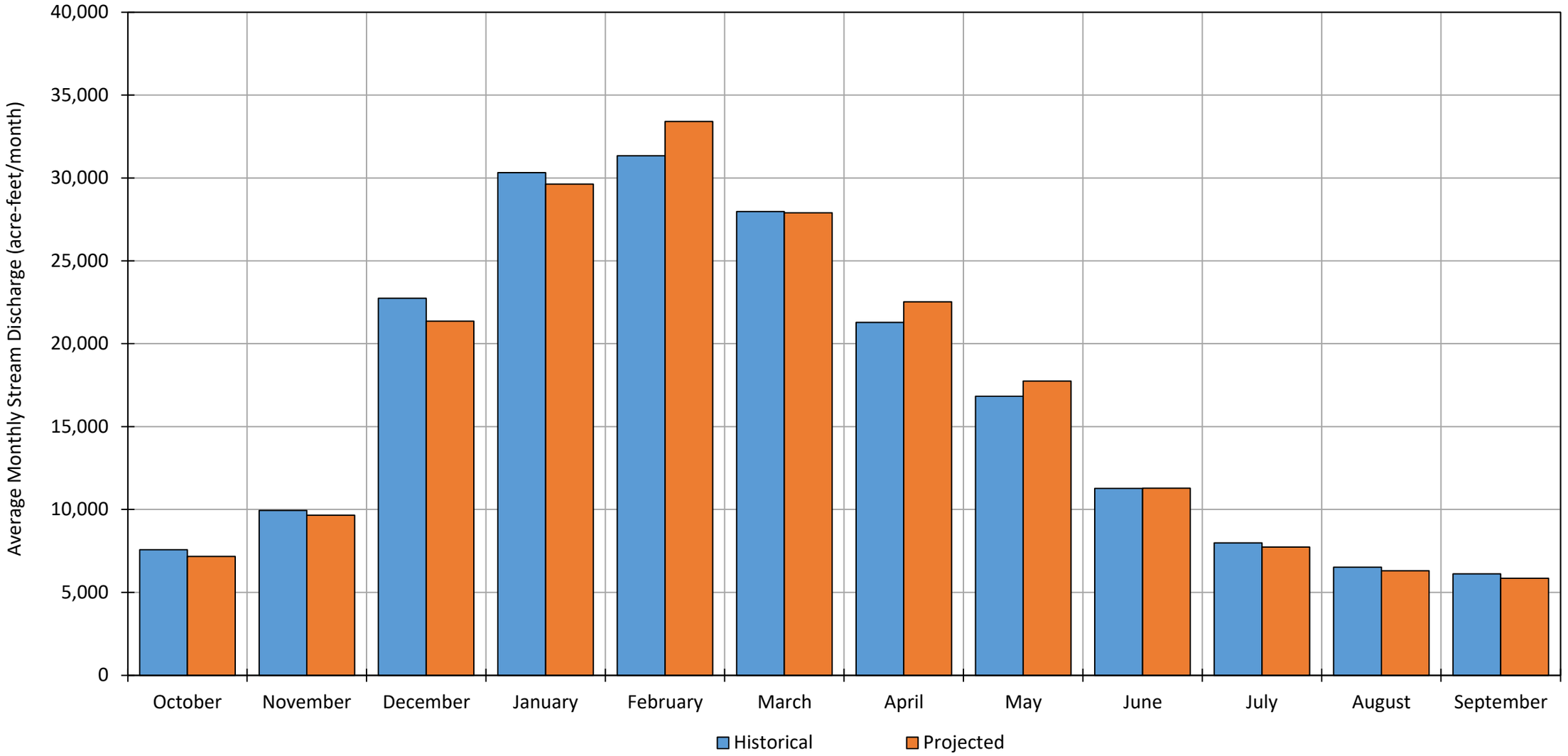
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Antelope Creek Group to Sacramento River

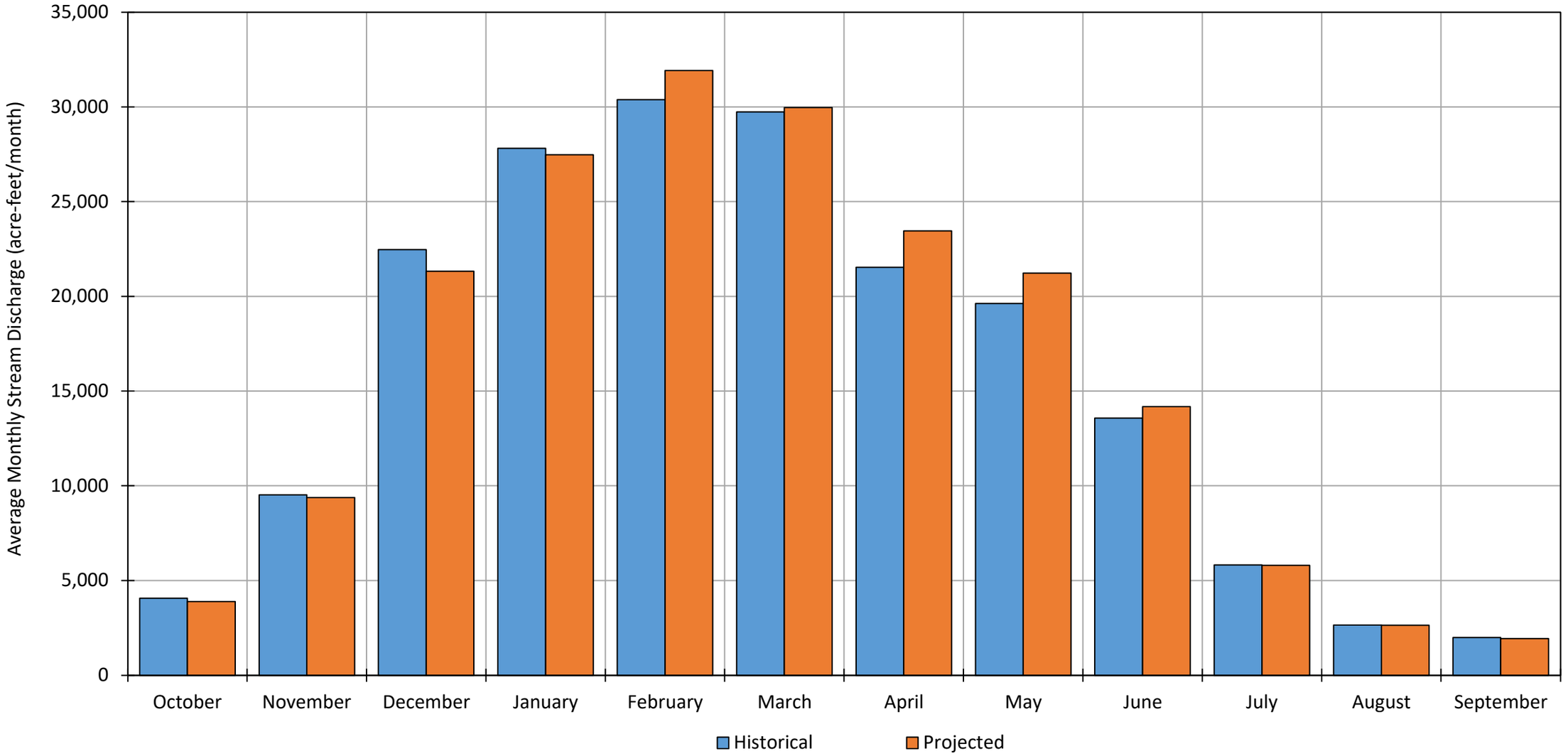
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Mill Creek to Sacramento River

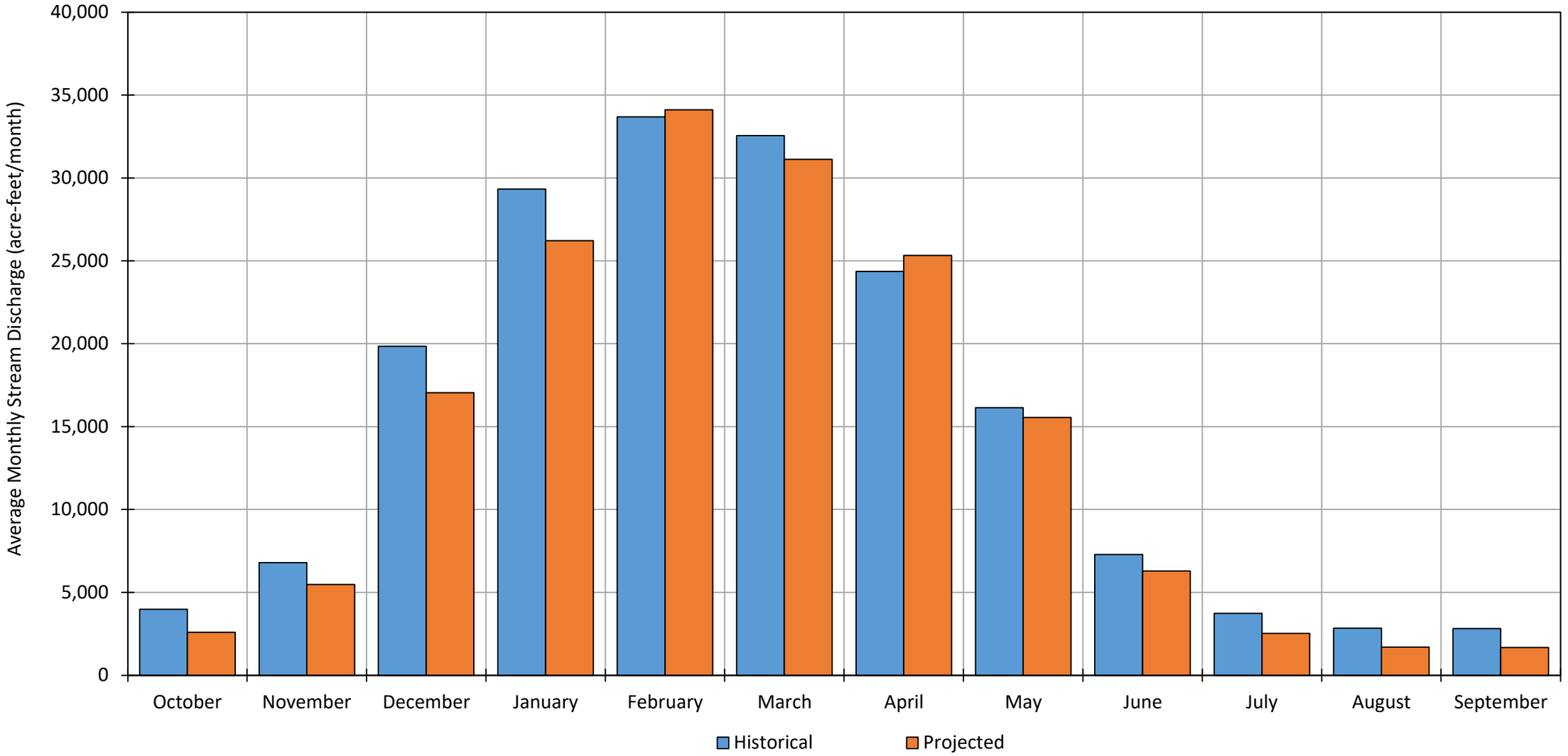
Los Molinos Subbasin



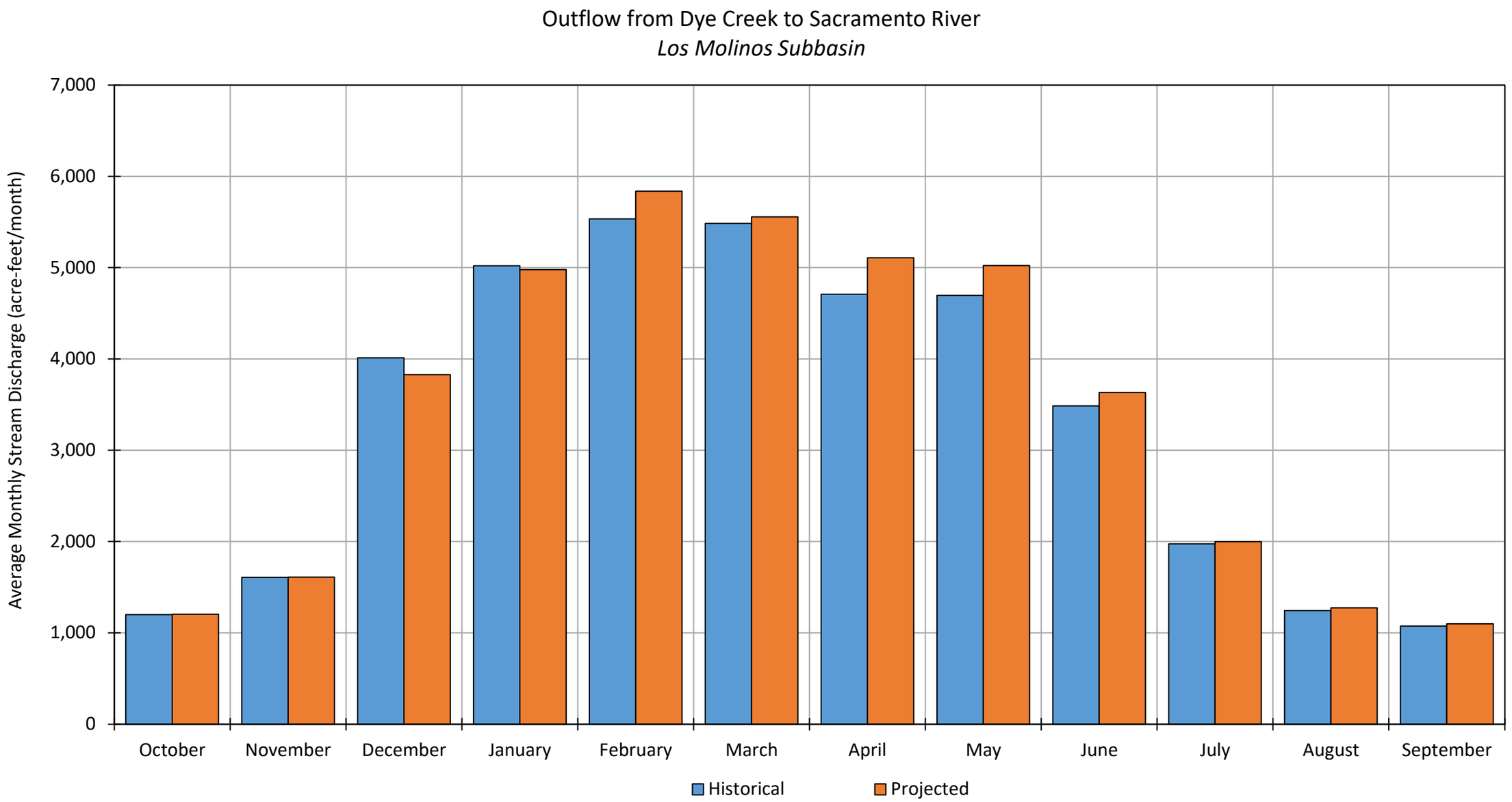
Tehama IHM - Projected (Future Land Use)

Outflow from Deer Creek Group to Sacramento River

Los Molinos Subbasin



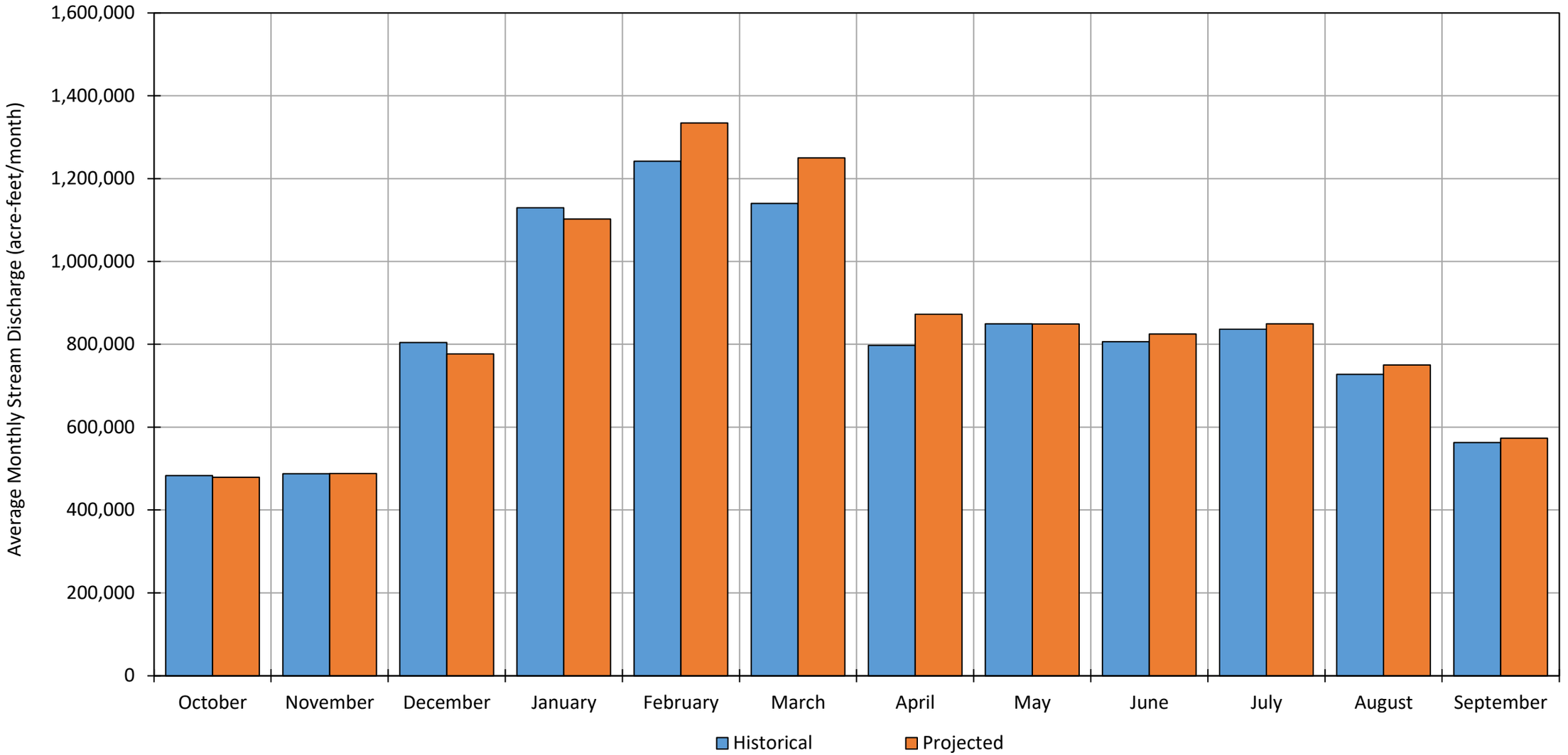
Tehama IHM - Projected (Future Land Use)



Tehama IHM - Projected (Future Land Use)

Outflow from Sacramento River at Los Molinos Subbasin Boundary

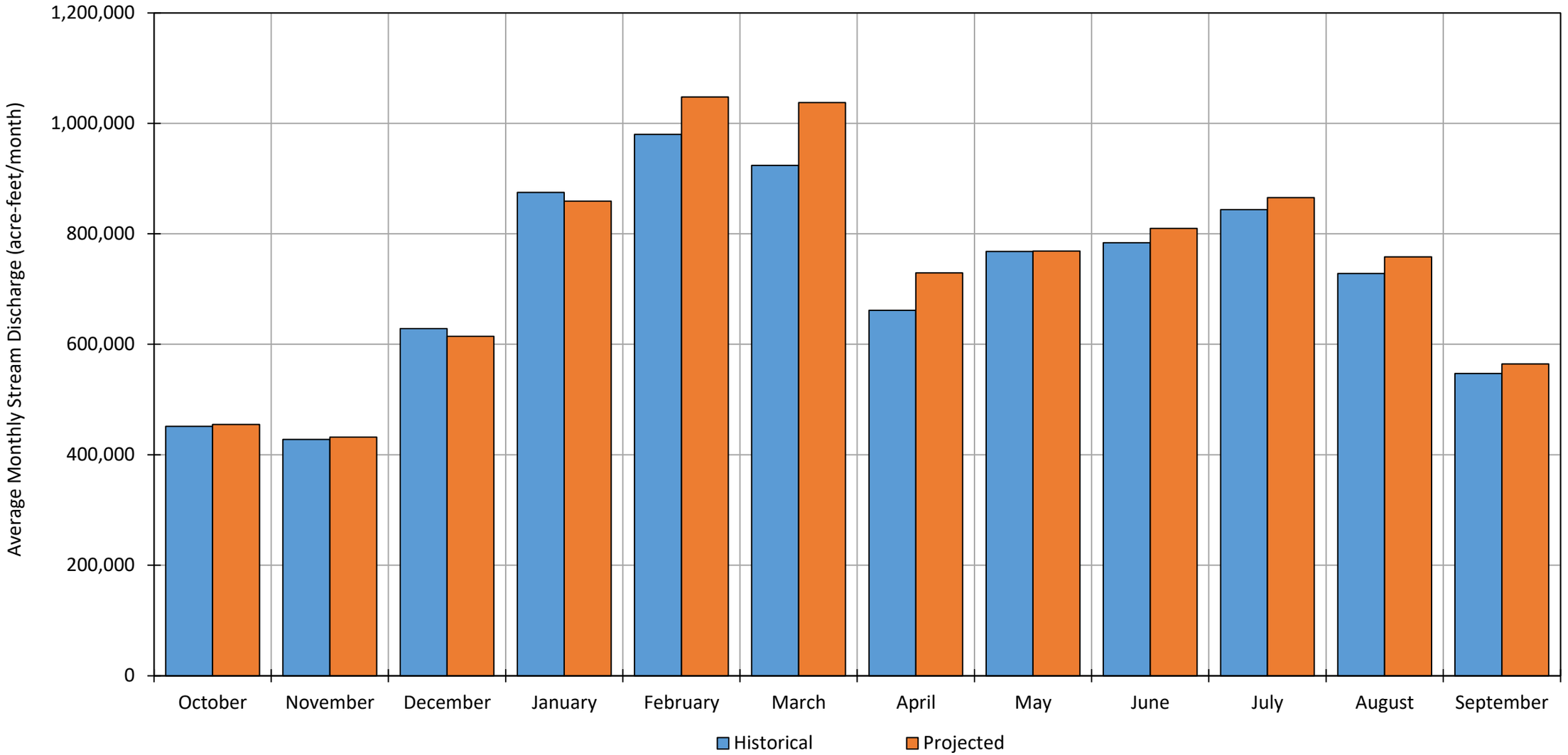
Los Molinos Subbasin

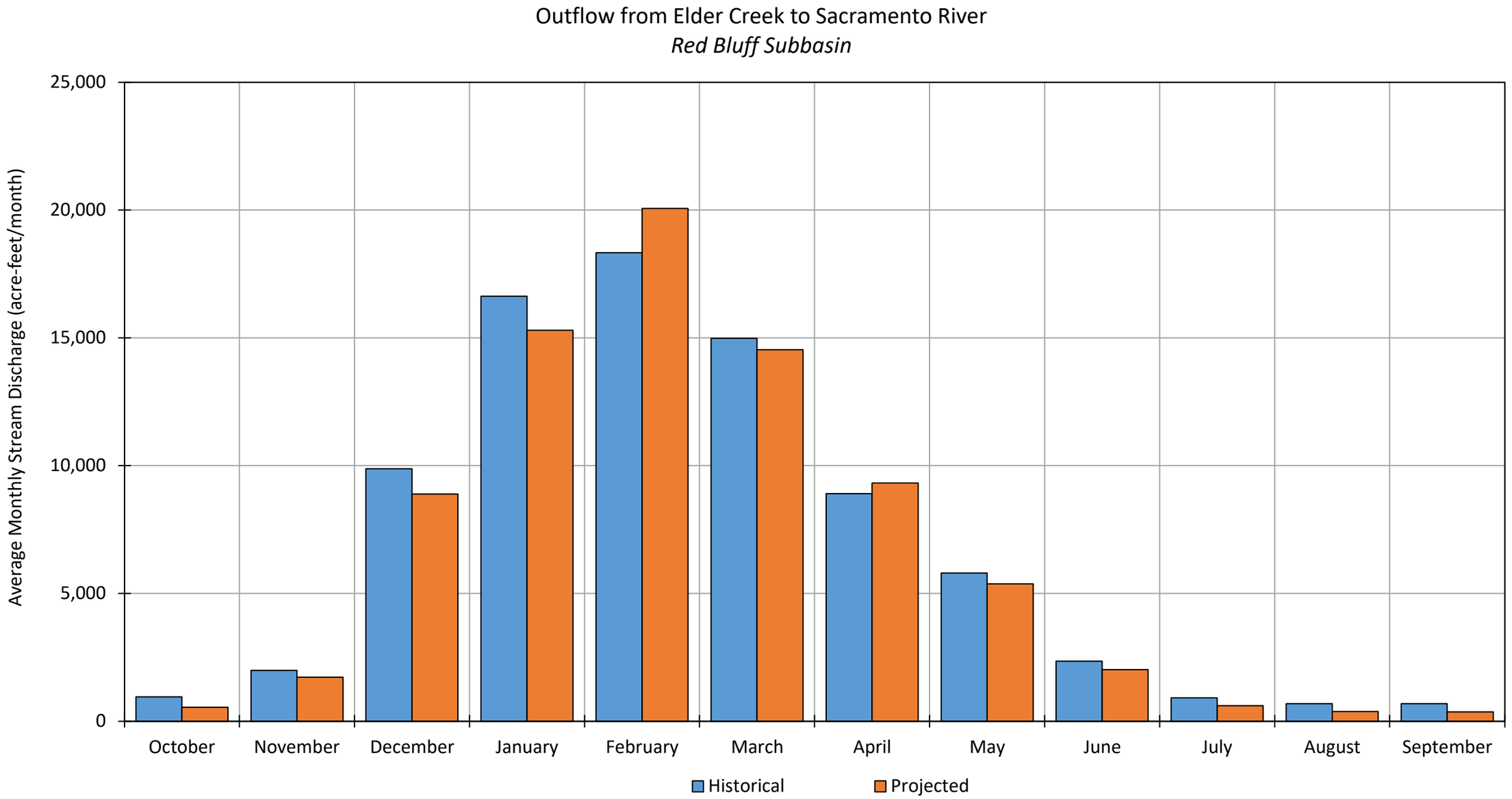


Tehama IHM - Projected (Future Land Use)

Inflow from Sacramento River at Red Bluff Subbasin Boundary

Red Bluff Subbasin

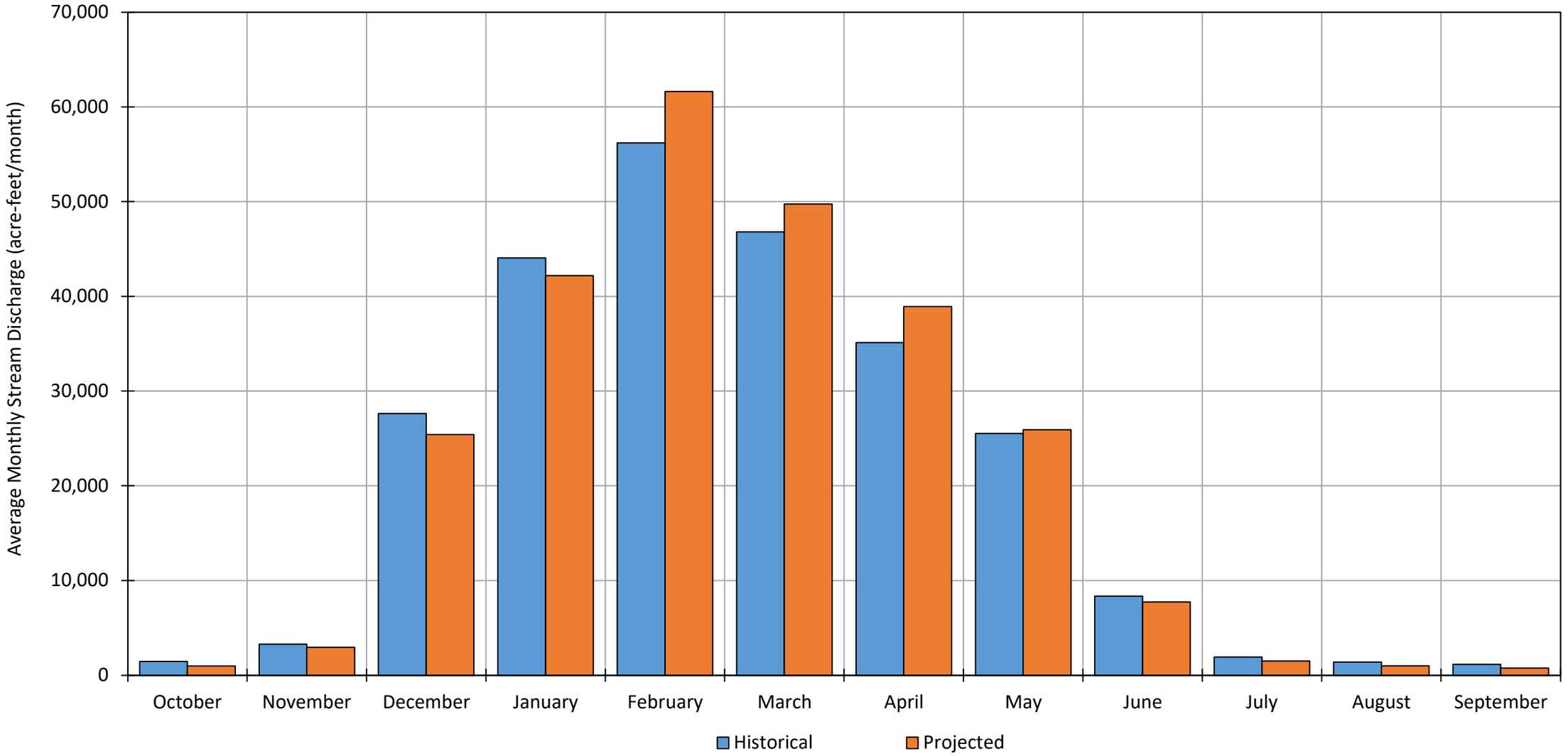




Tehama IHM - Projected (Future Land Use)

Outflow from Thomes Creek to Sacramento River

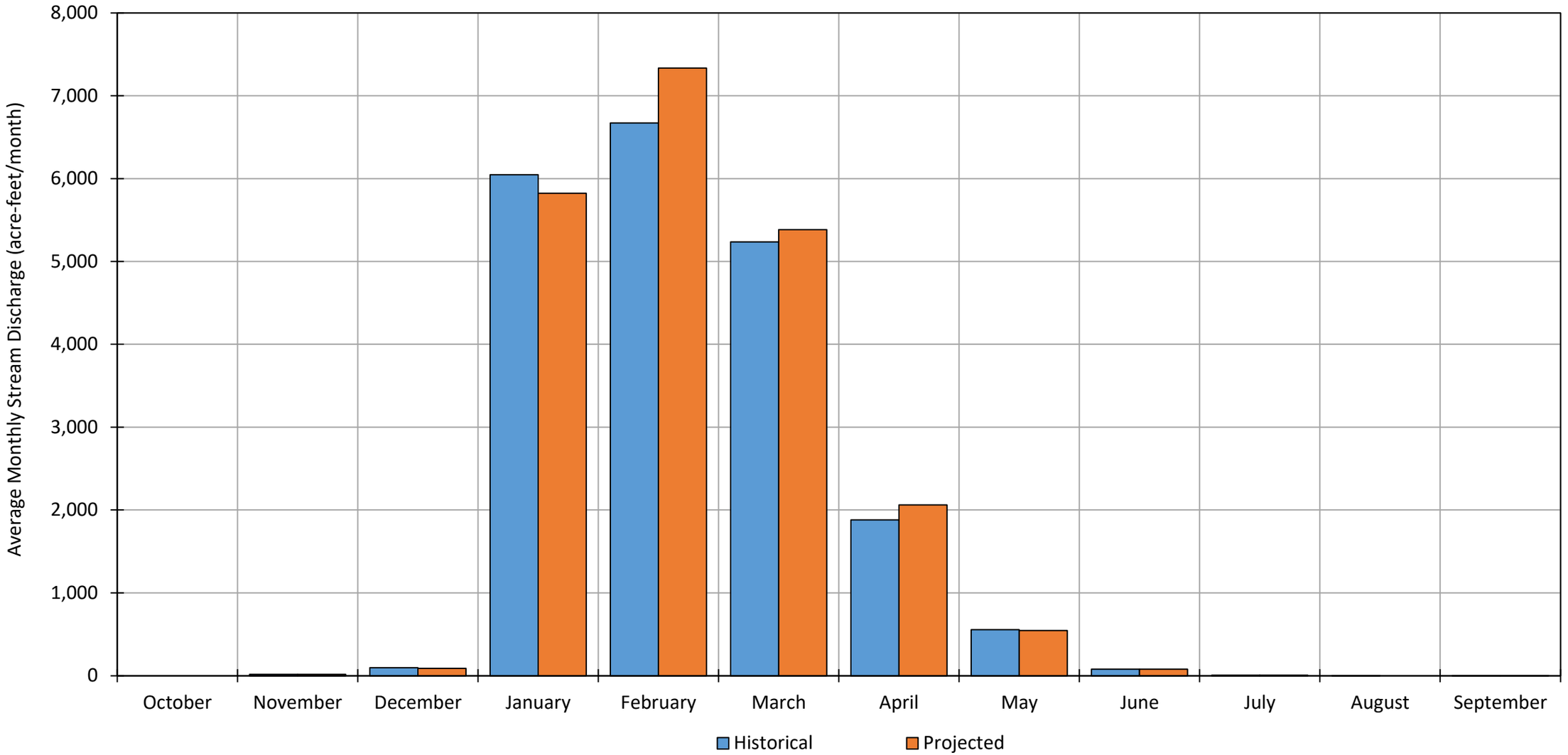
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Red Bank Creek to Sacramento River

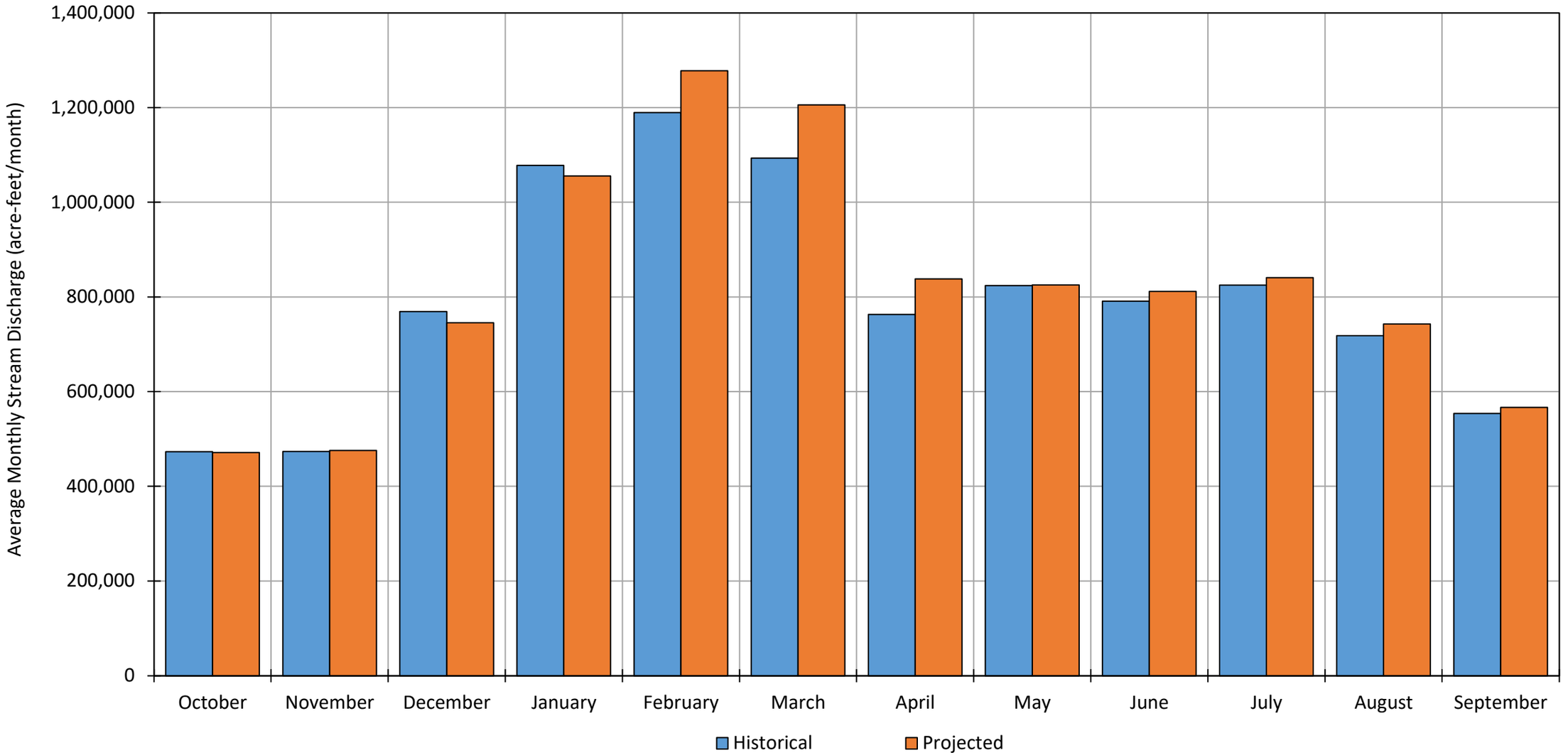
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use)

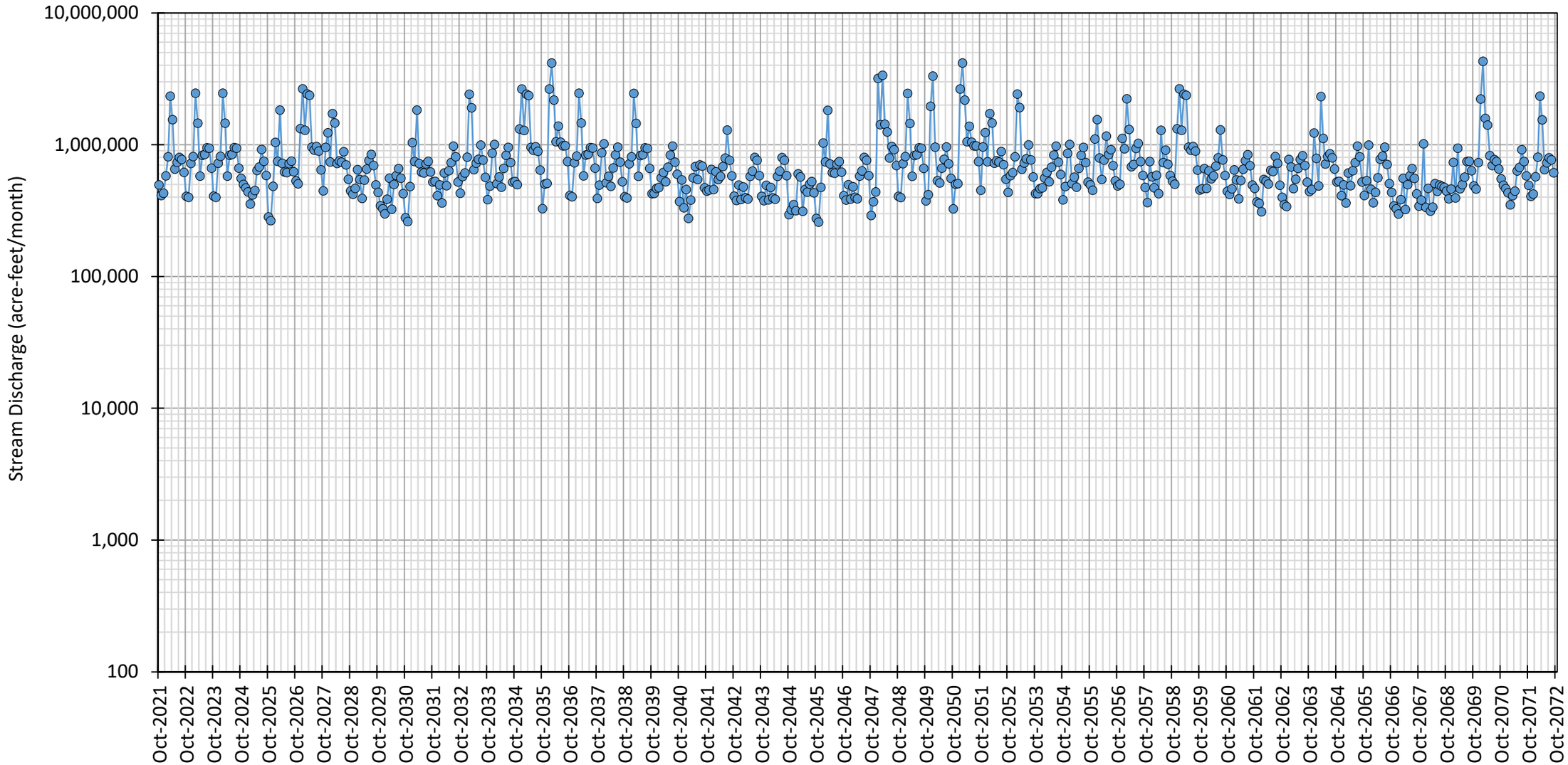
APPENDIX G-4

Tehama IHM Simulated Streamflows:

Projected (Current Land Use) with Climate Change (2030) Model Results

Inflow from Sacramento River at Antelope Subbasin Boundary

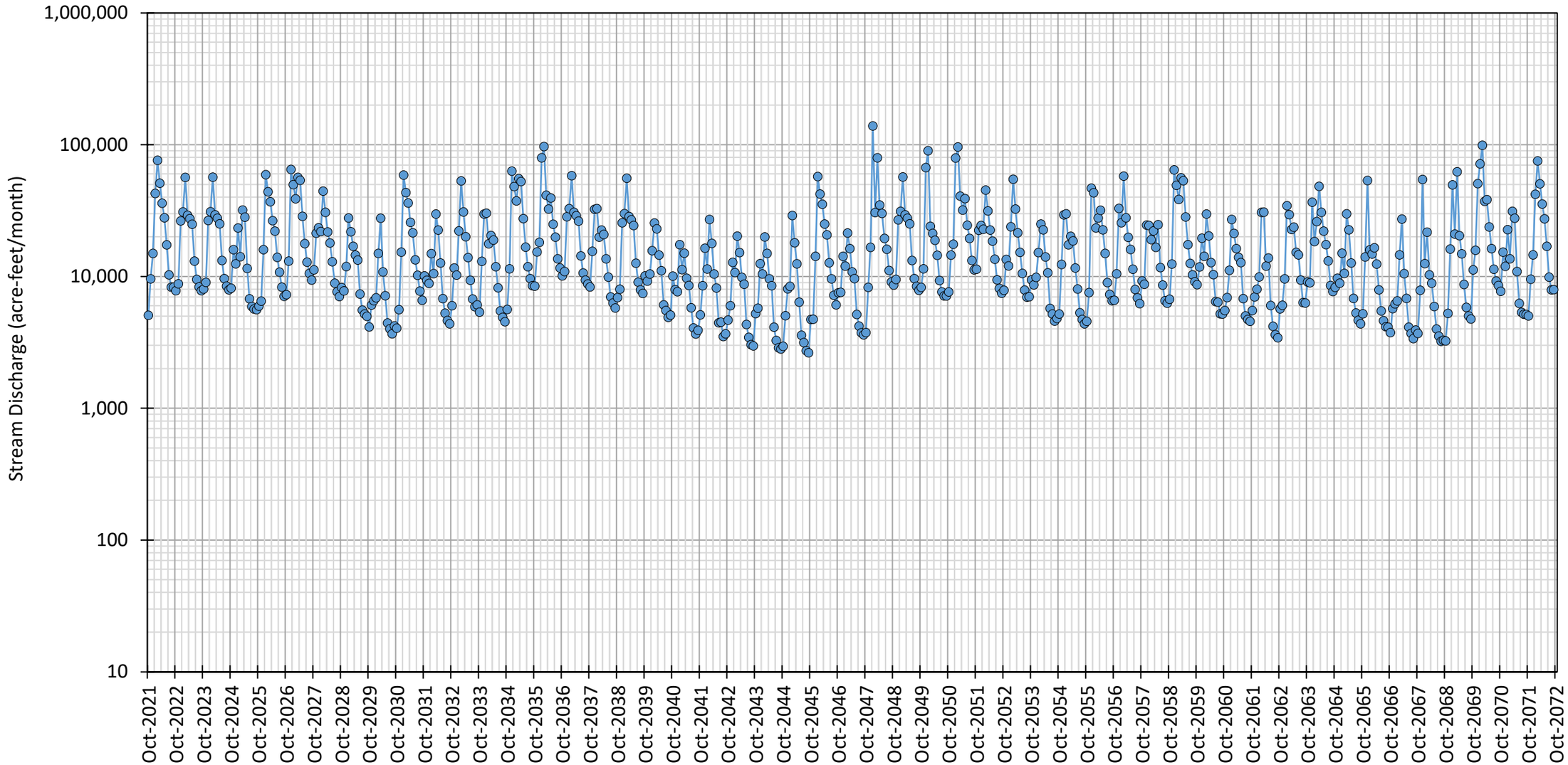
Antelope Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Antelope Creek Group to Sacramento River

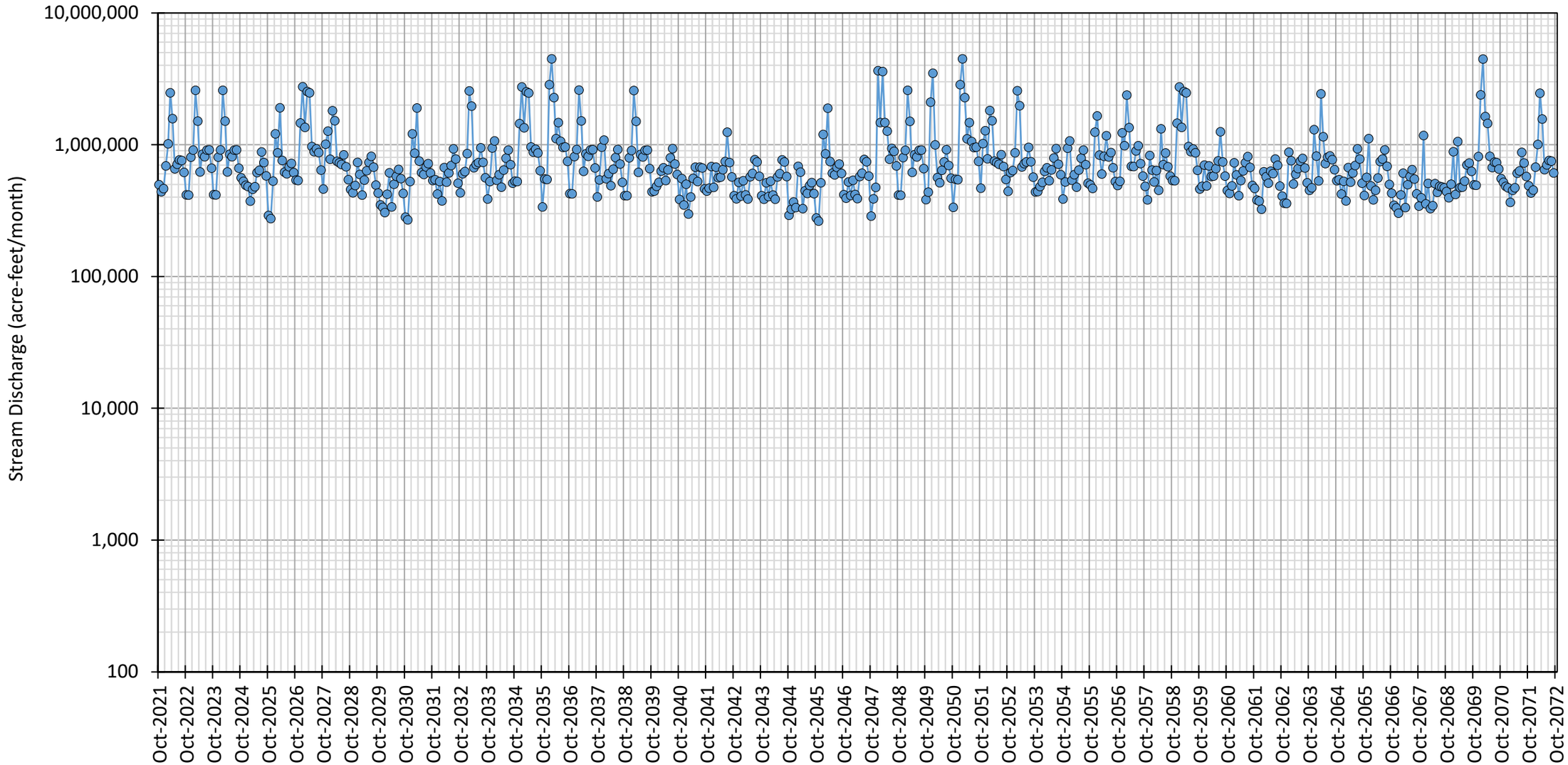
Antelope Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Sacramento River at Antelope Subbasin Boundary

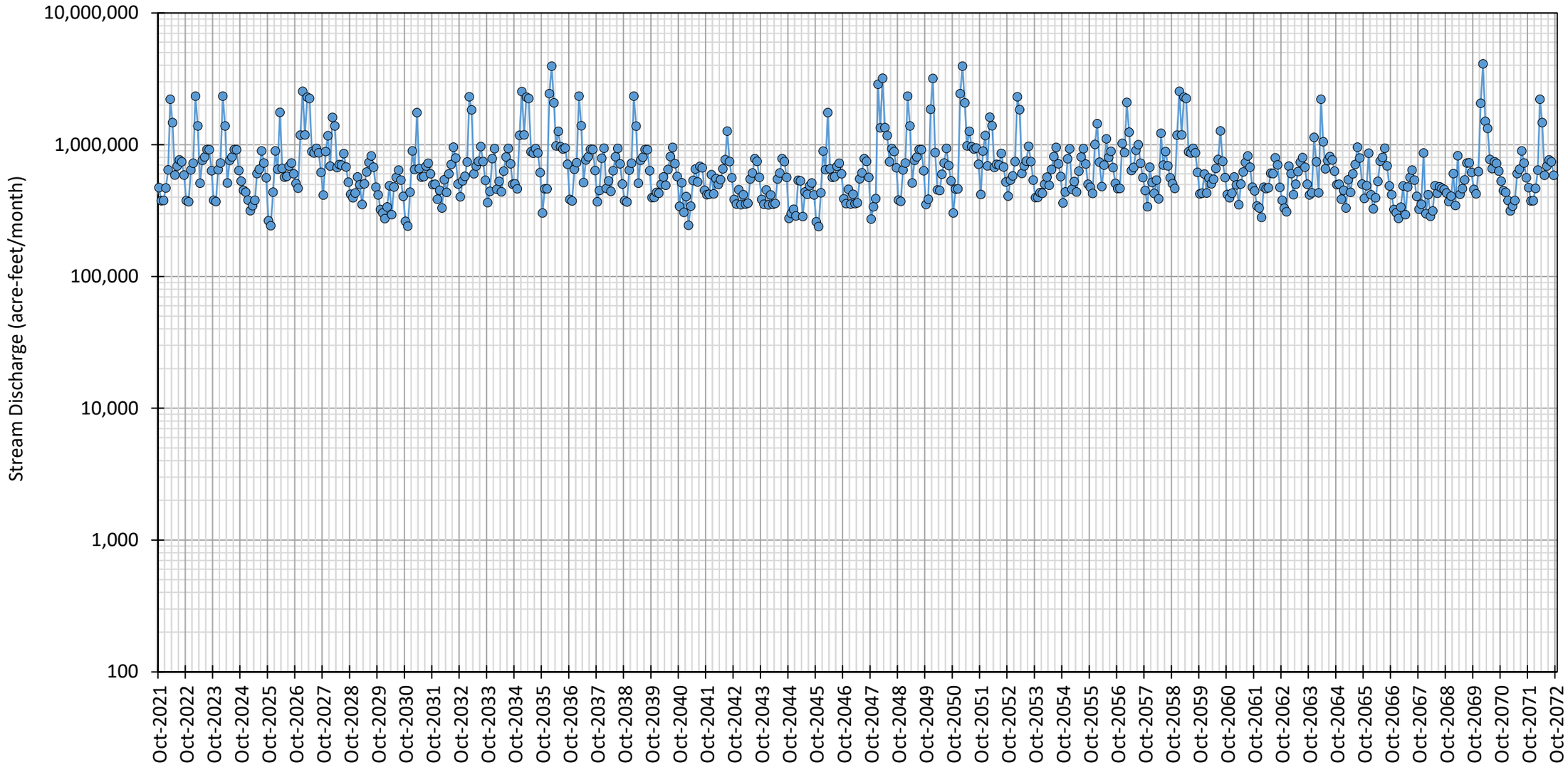
Antelope Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Inflow from Sacramento River at Bowman Subbasin Boundary

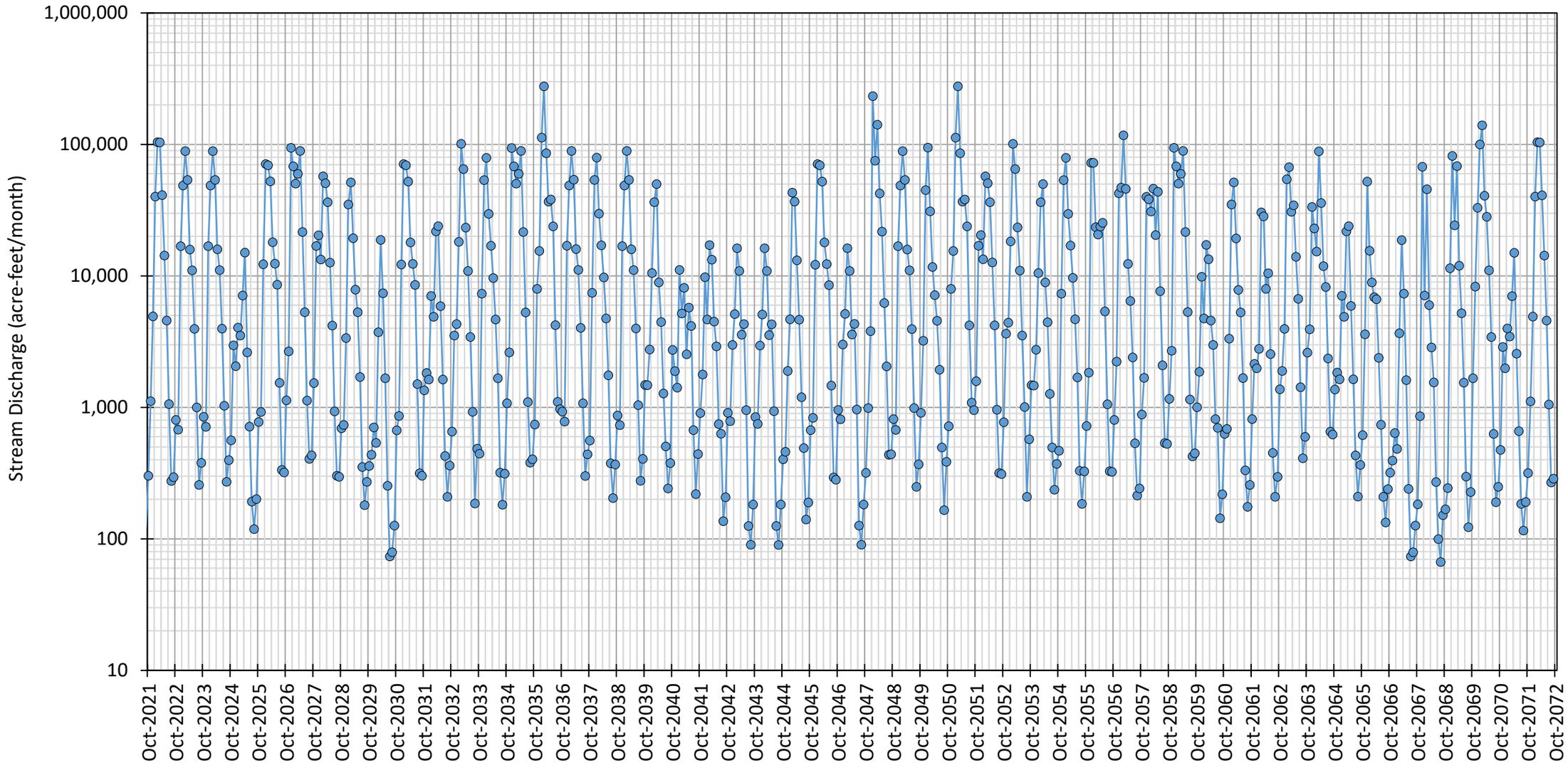
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from MF Cottonwood Creek to Cottonwood Creek

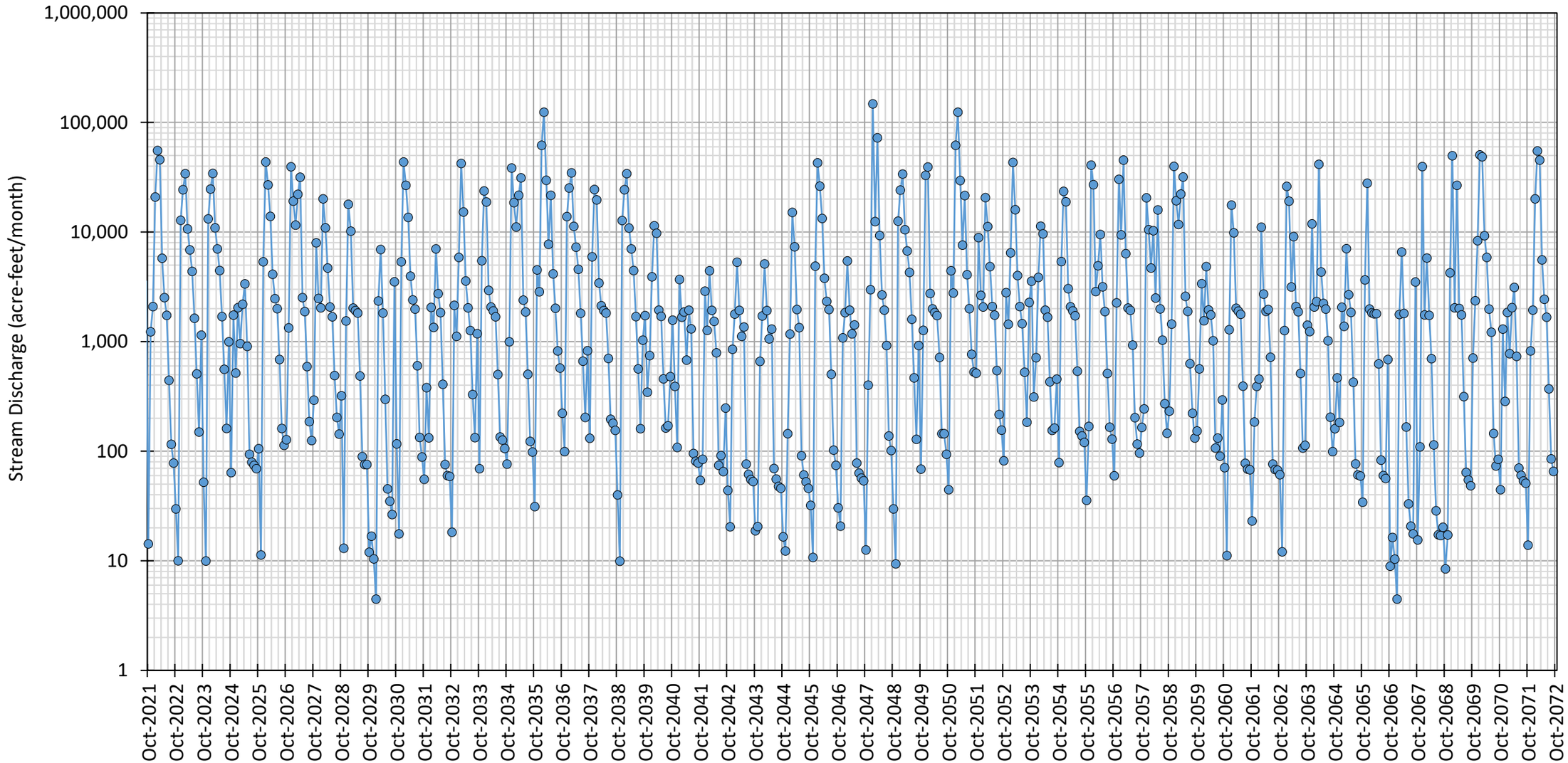
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from SF Cottonwood Creek to Cottonwood Creek

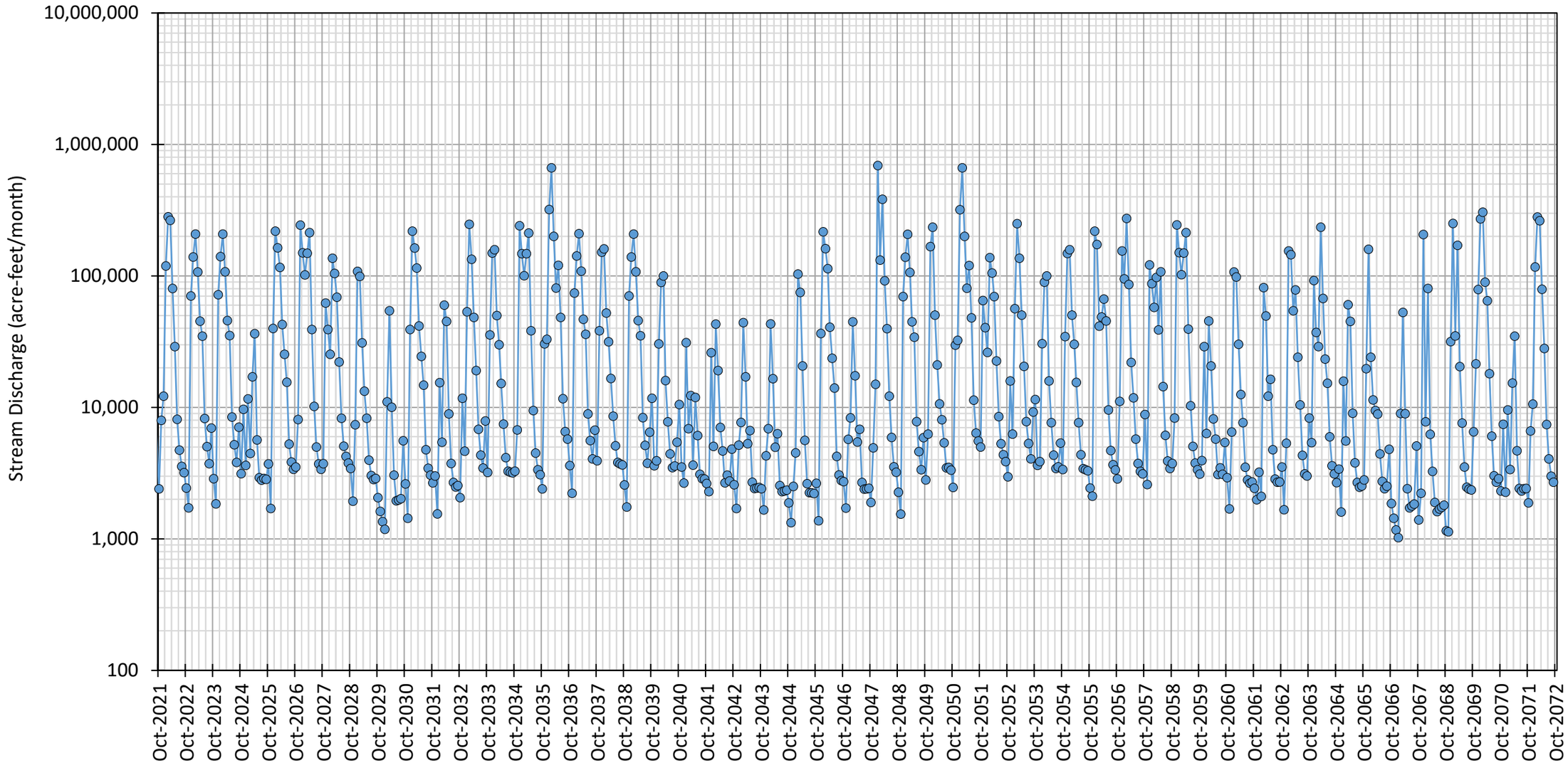
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Cottonwood Creek to Sacramento River

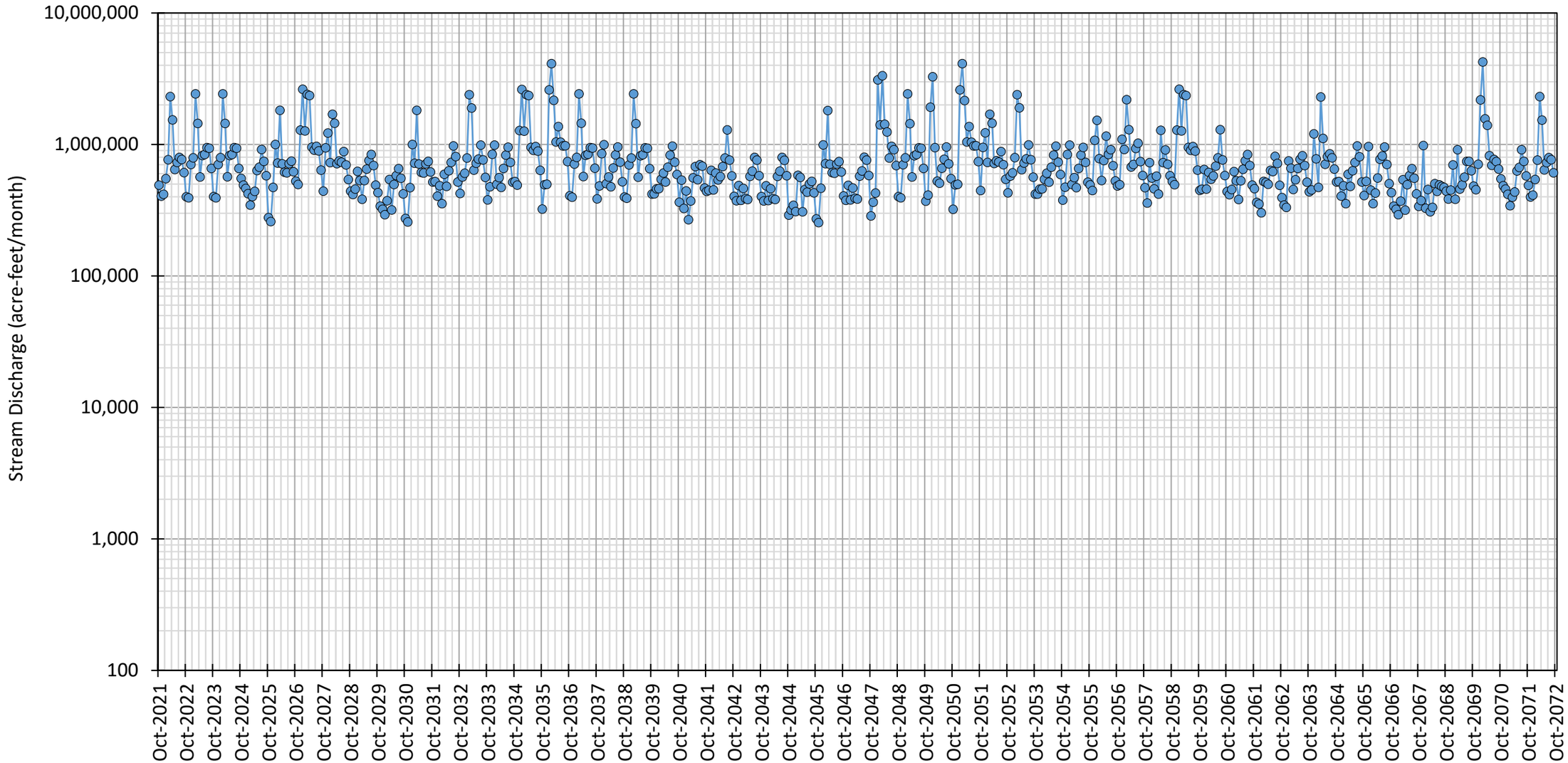
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Sacramento River at Bowman Subbasin Boundary

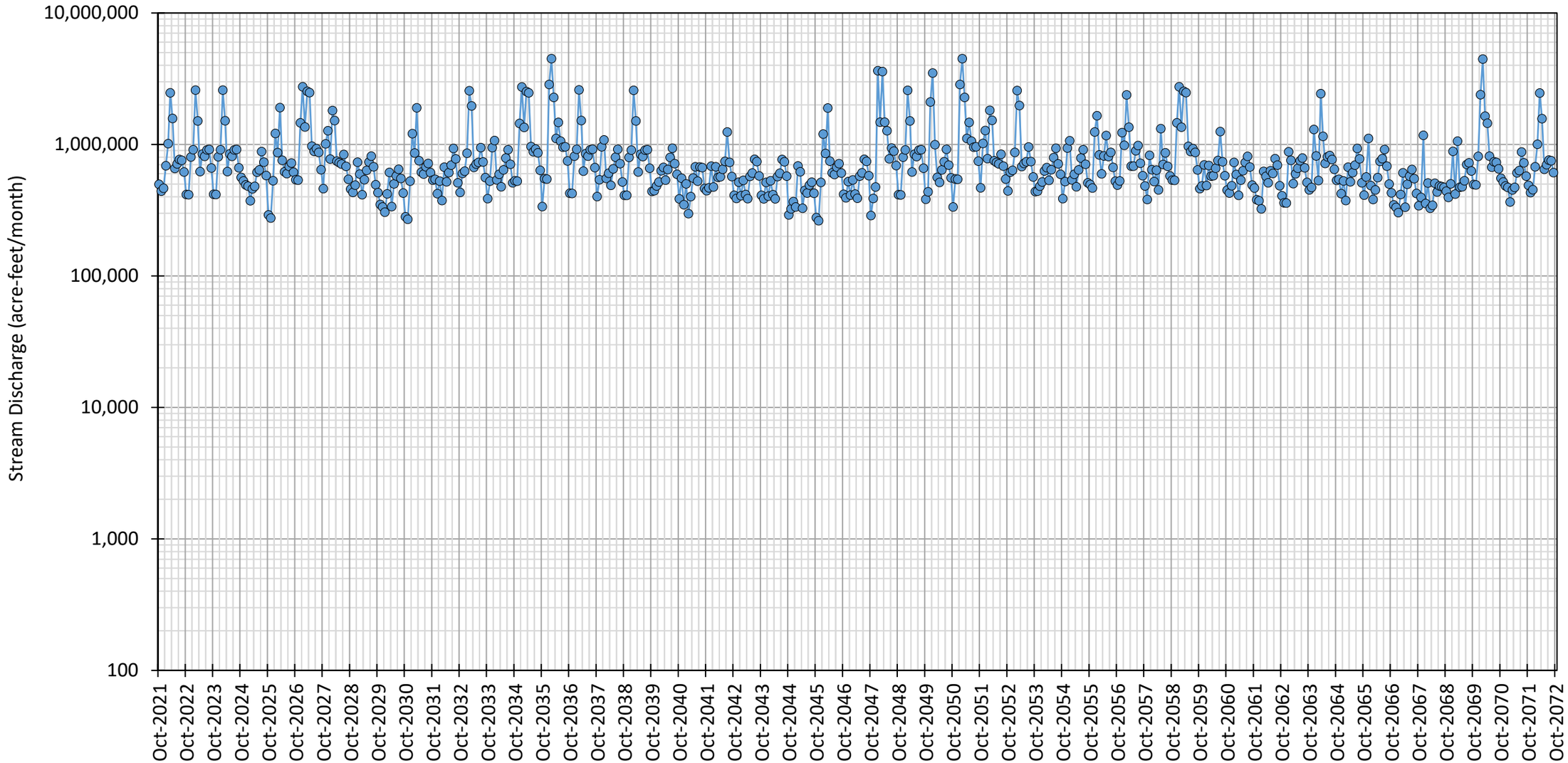
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

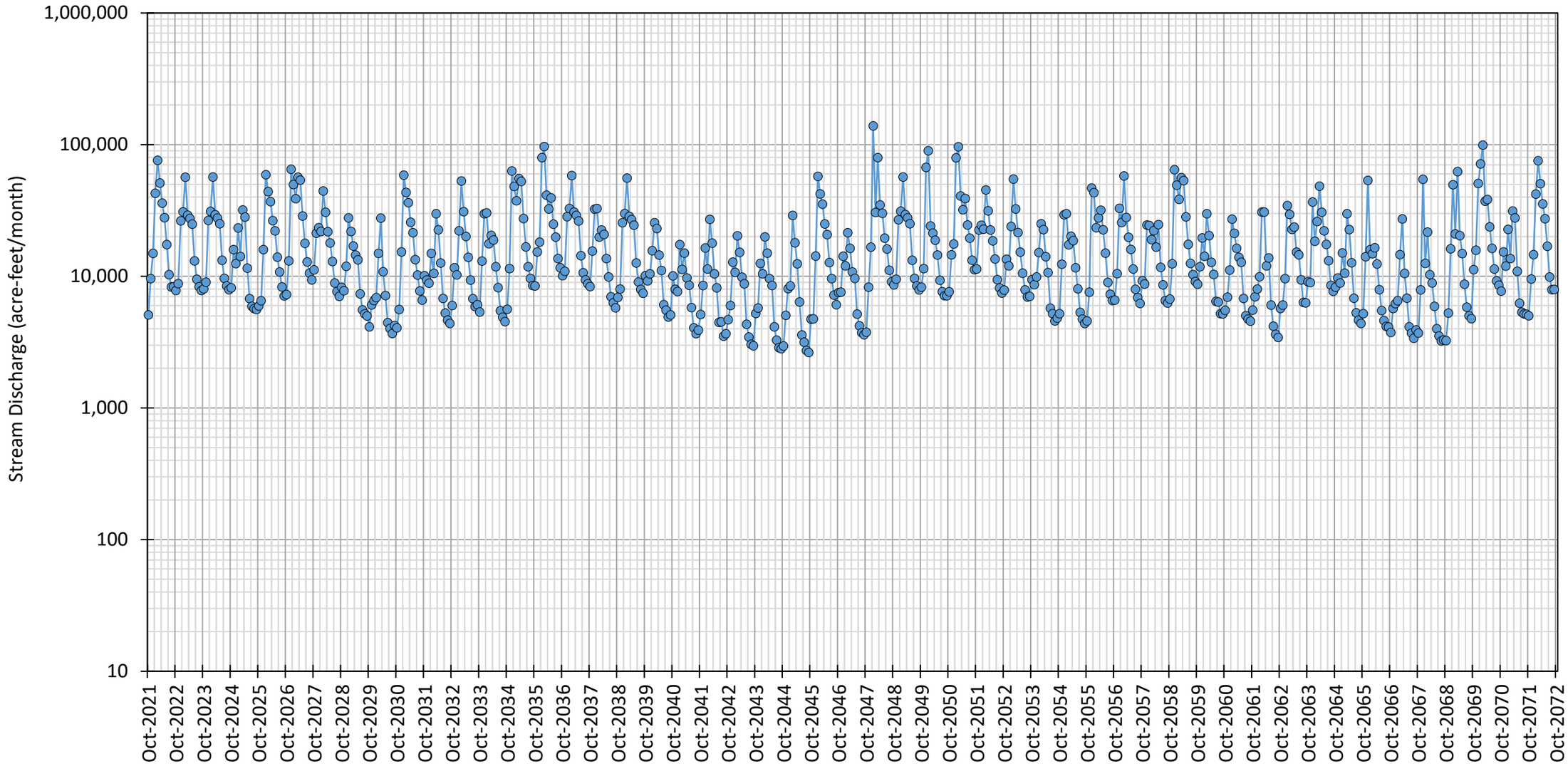
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Antelope Creek Group to Sacramento River

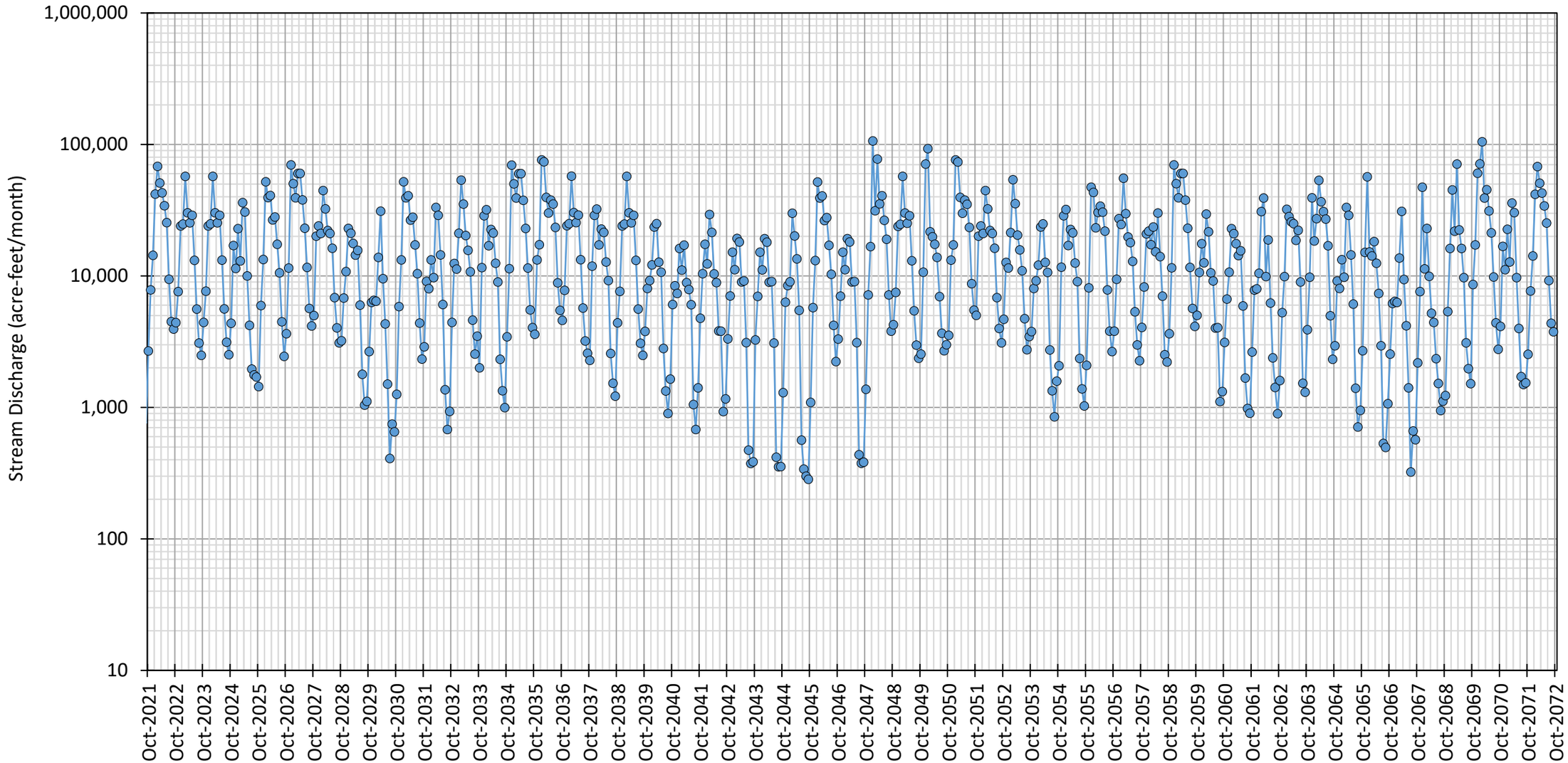
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Mill Creek to Sacramento River

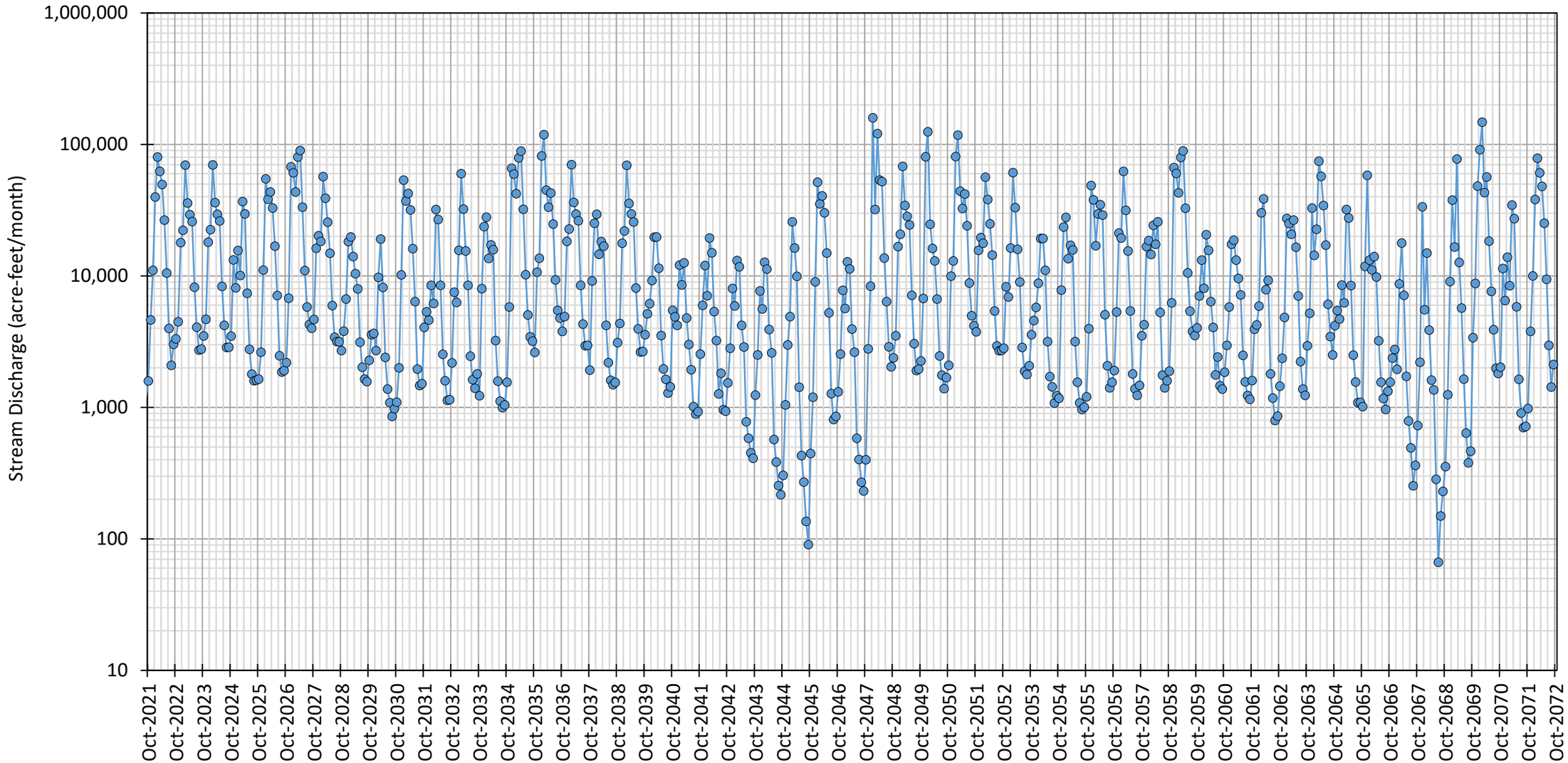
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Deer Creek Group to Sacramento River

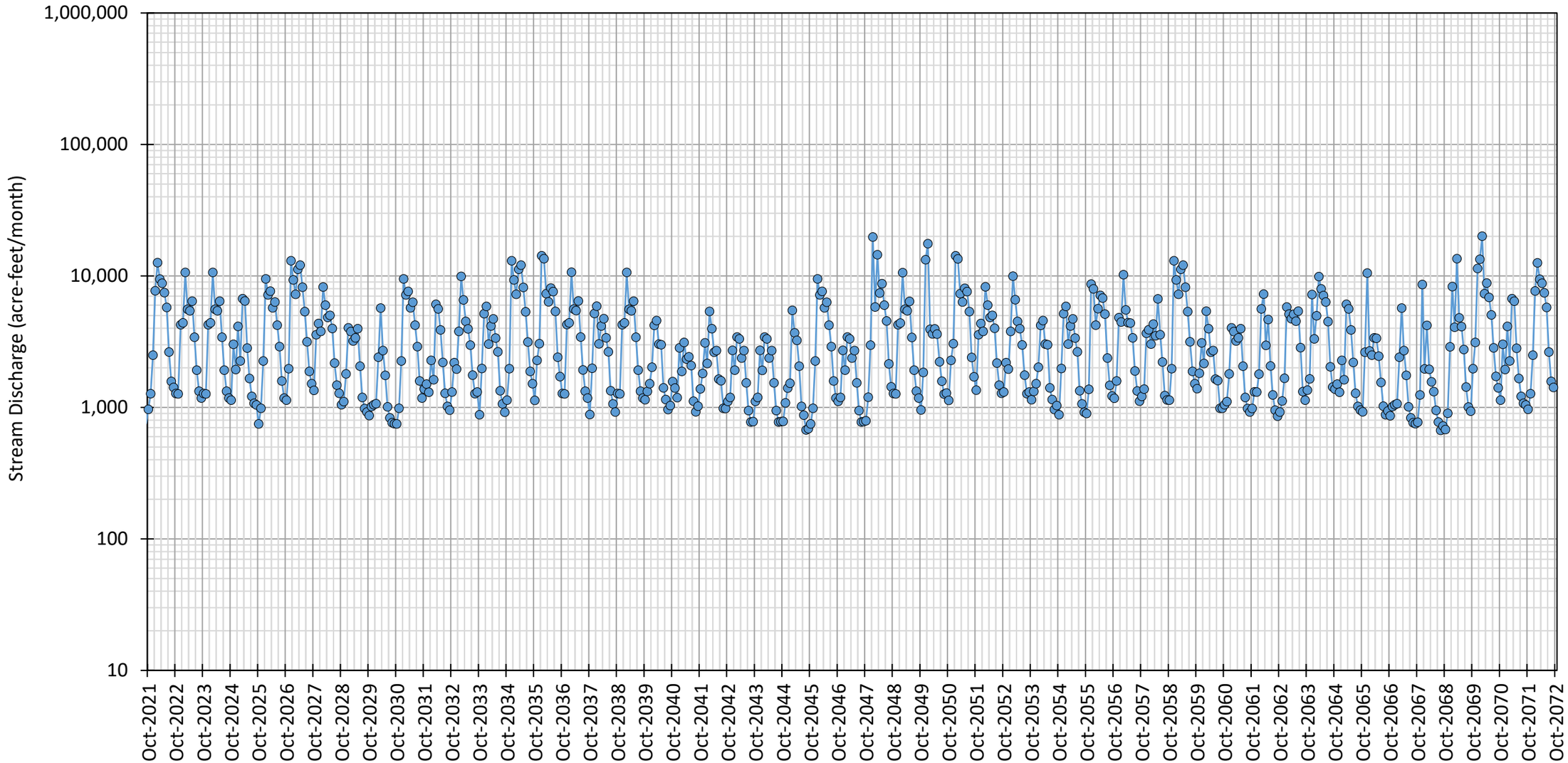
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Dye Creek to Sacramento River

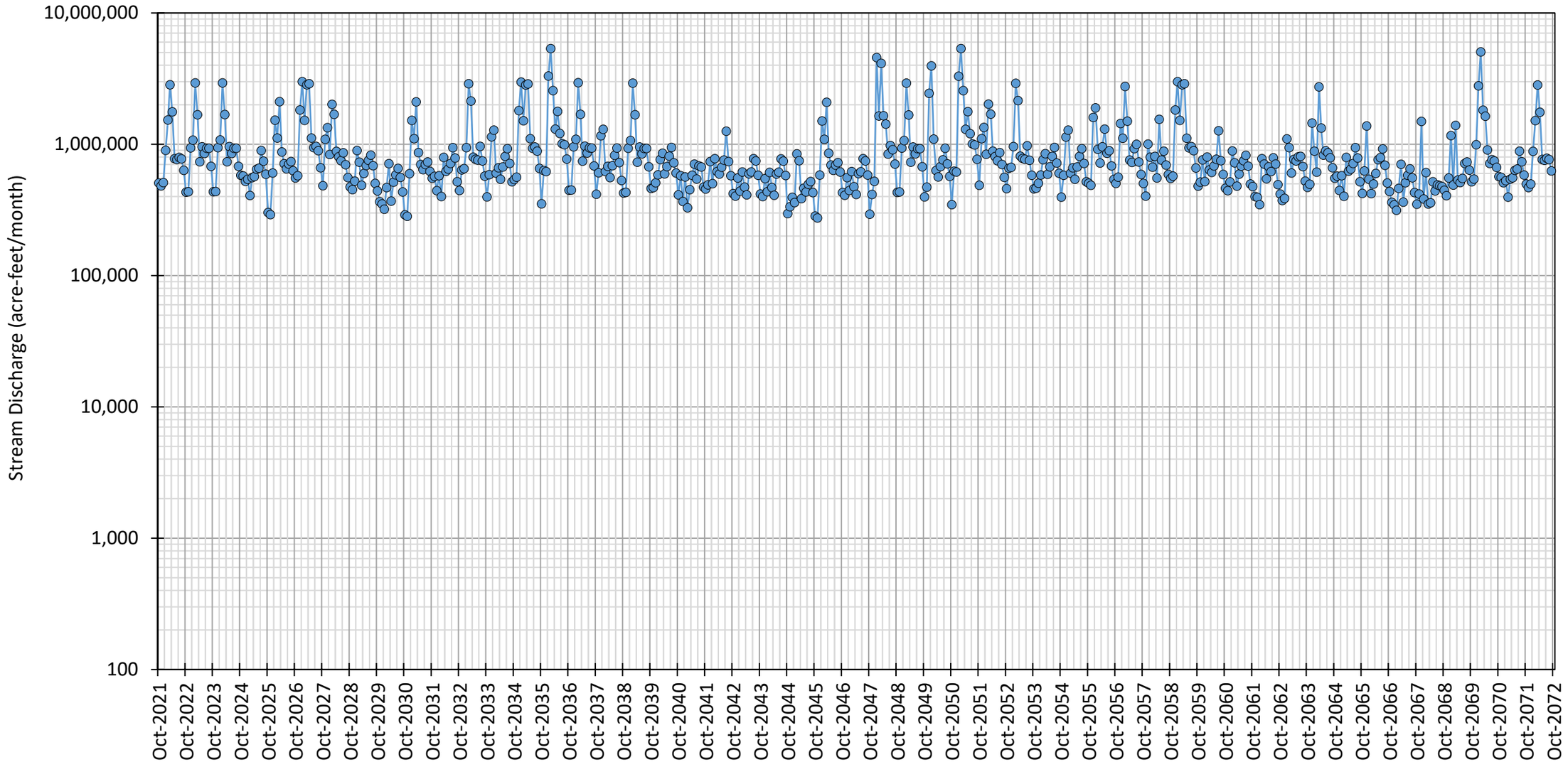
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Sacramento River at Los Molinos Subbasin Boundary

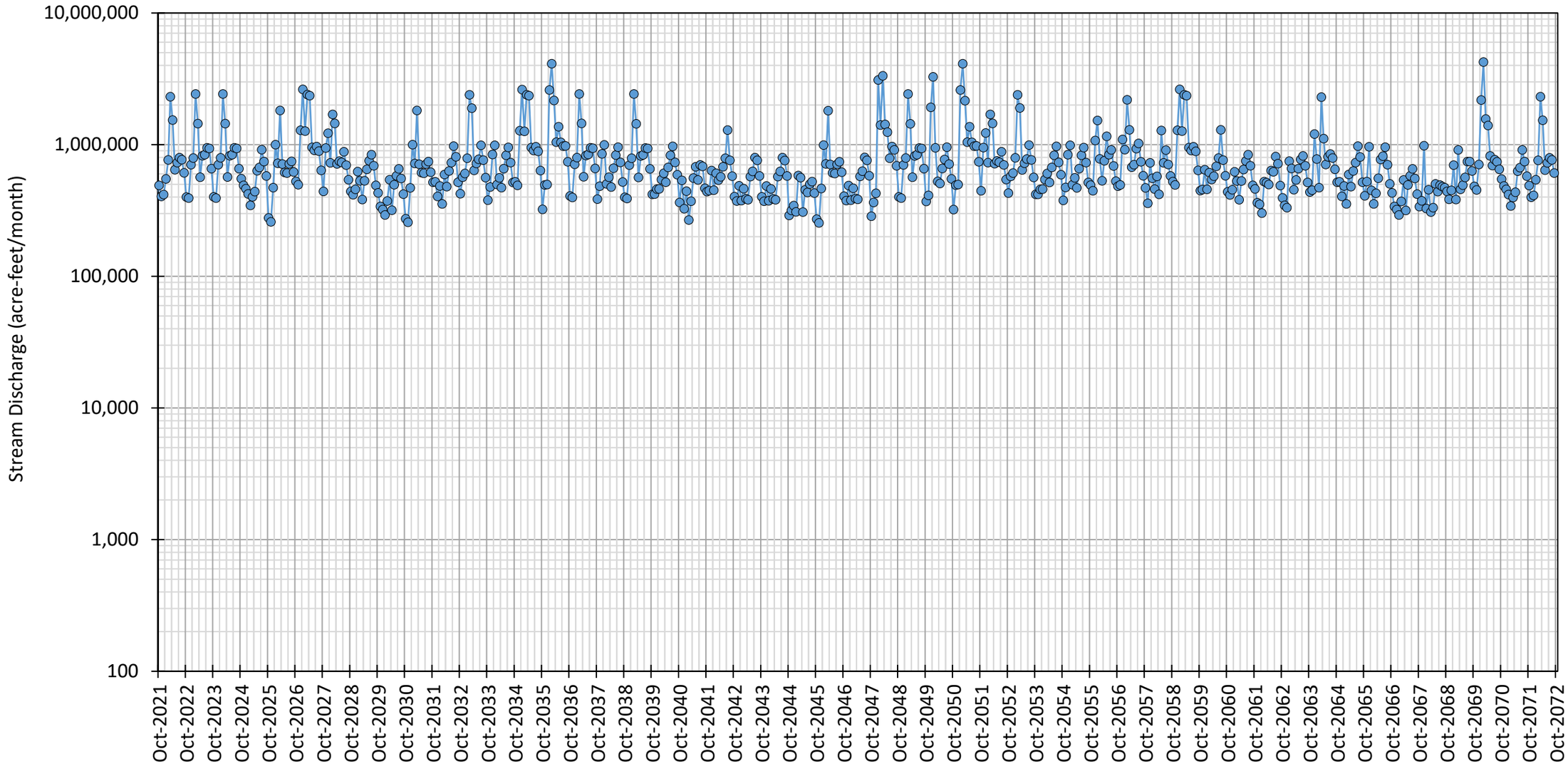
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Inflow from Sacramento River at Red Bluff Subbasin Boundary

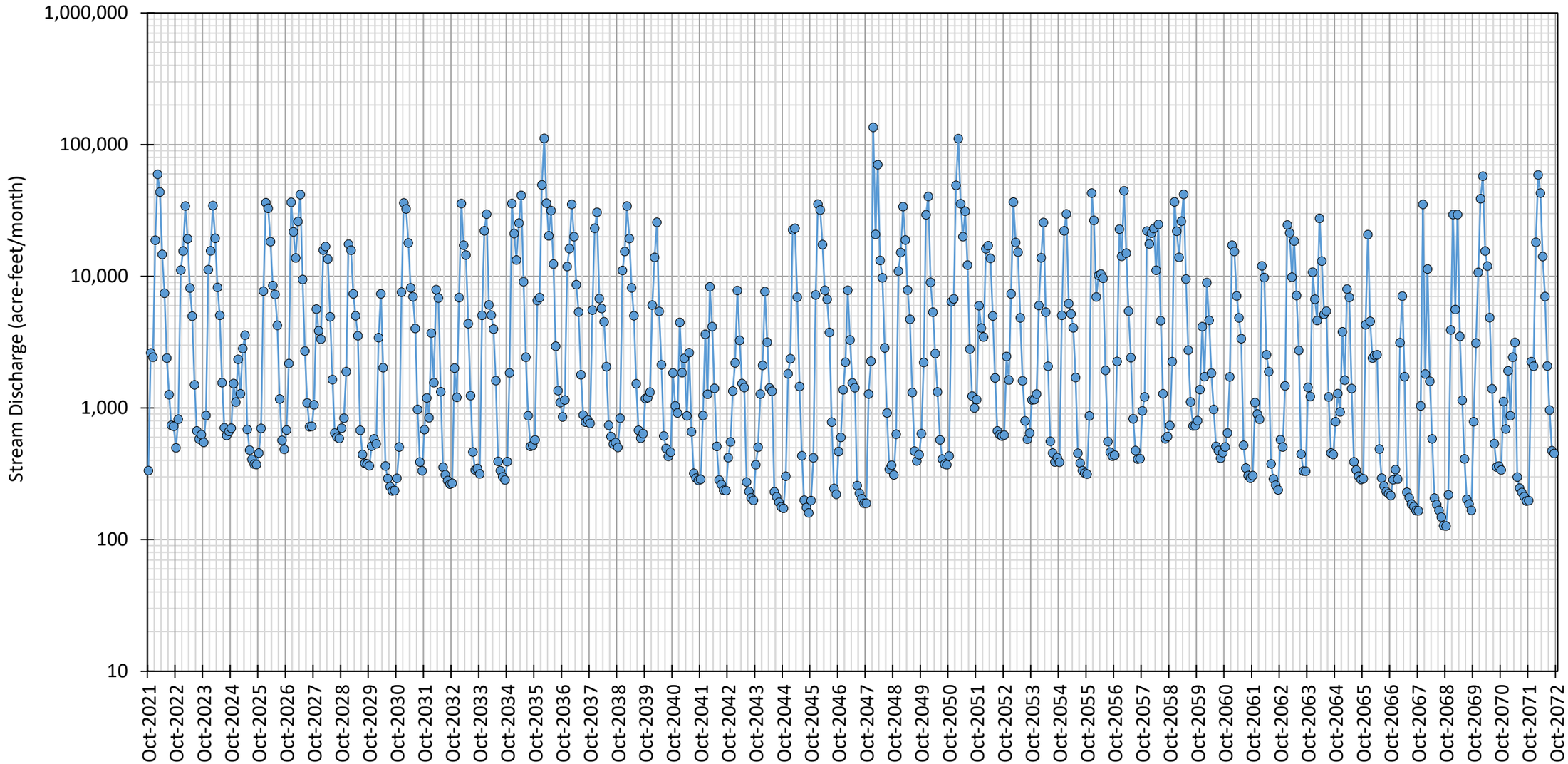
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Elder Creek to Sacramento River

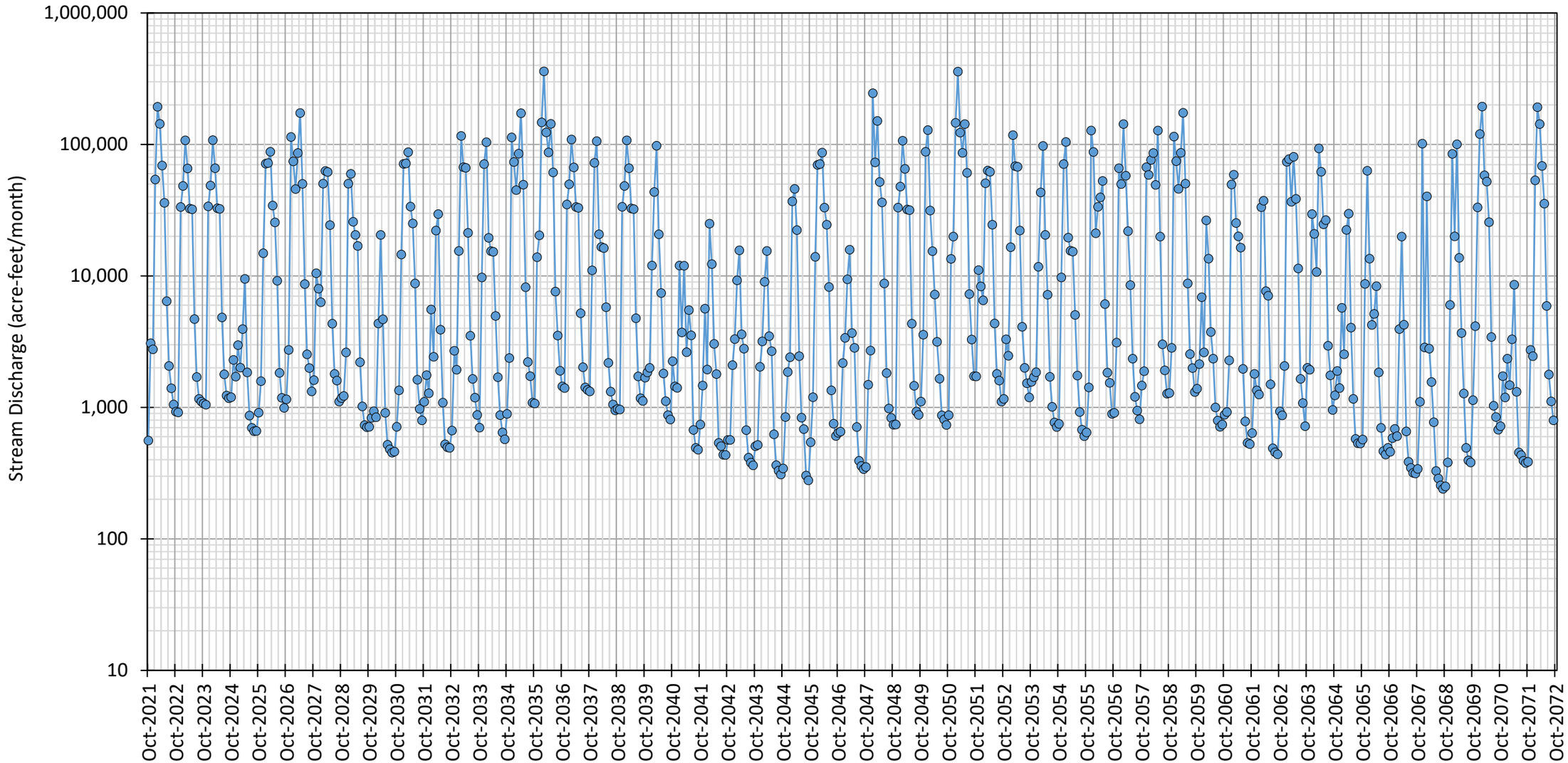
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Thomes Creek to Sacramento River

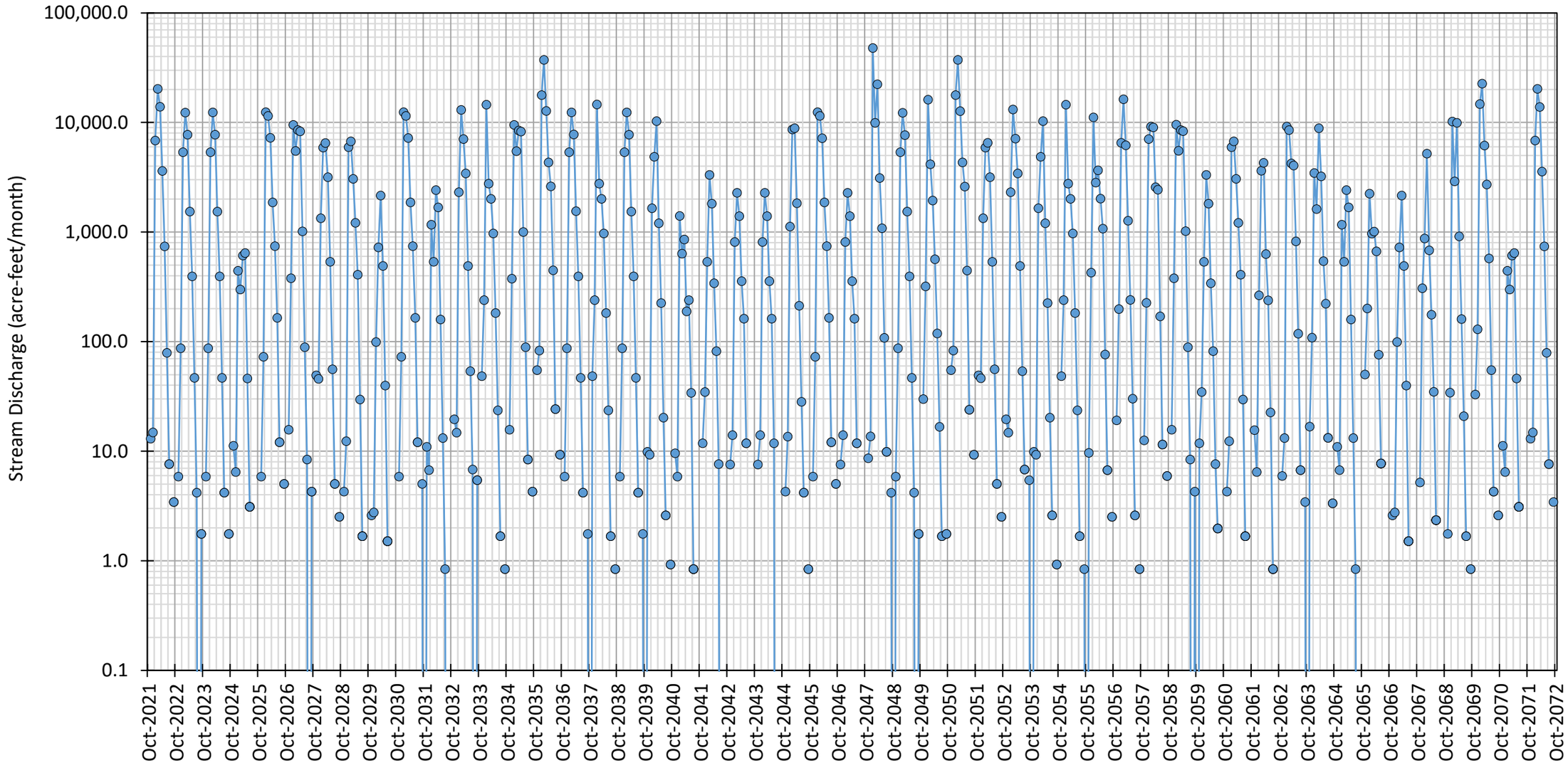
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Red Bank Creek to Sacramento River

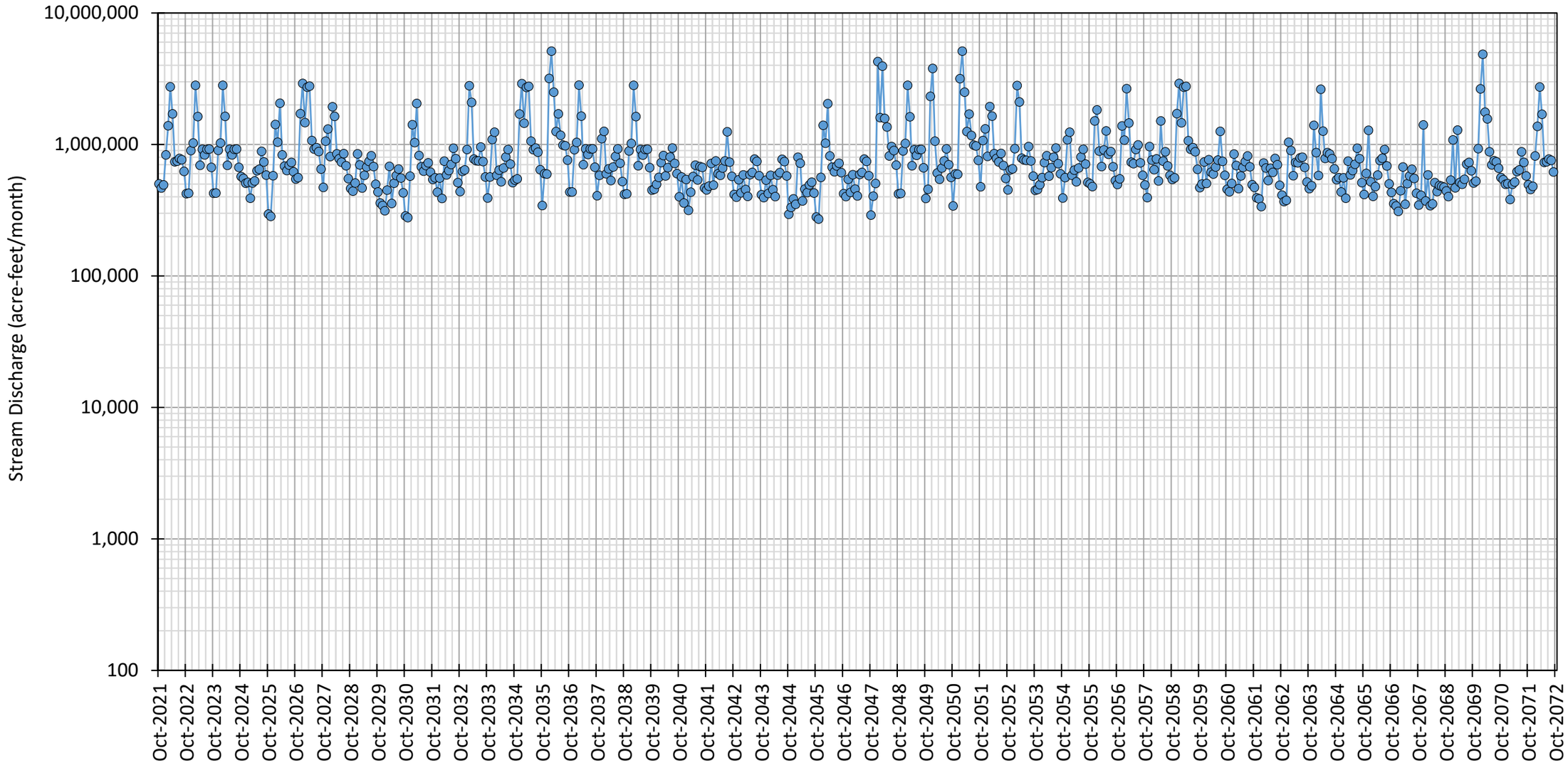
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

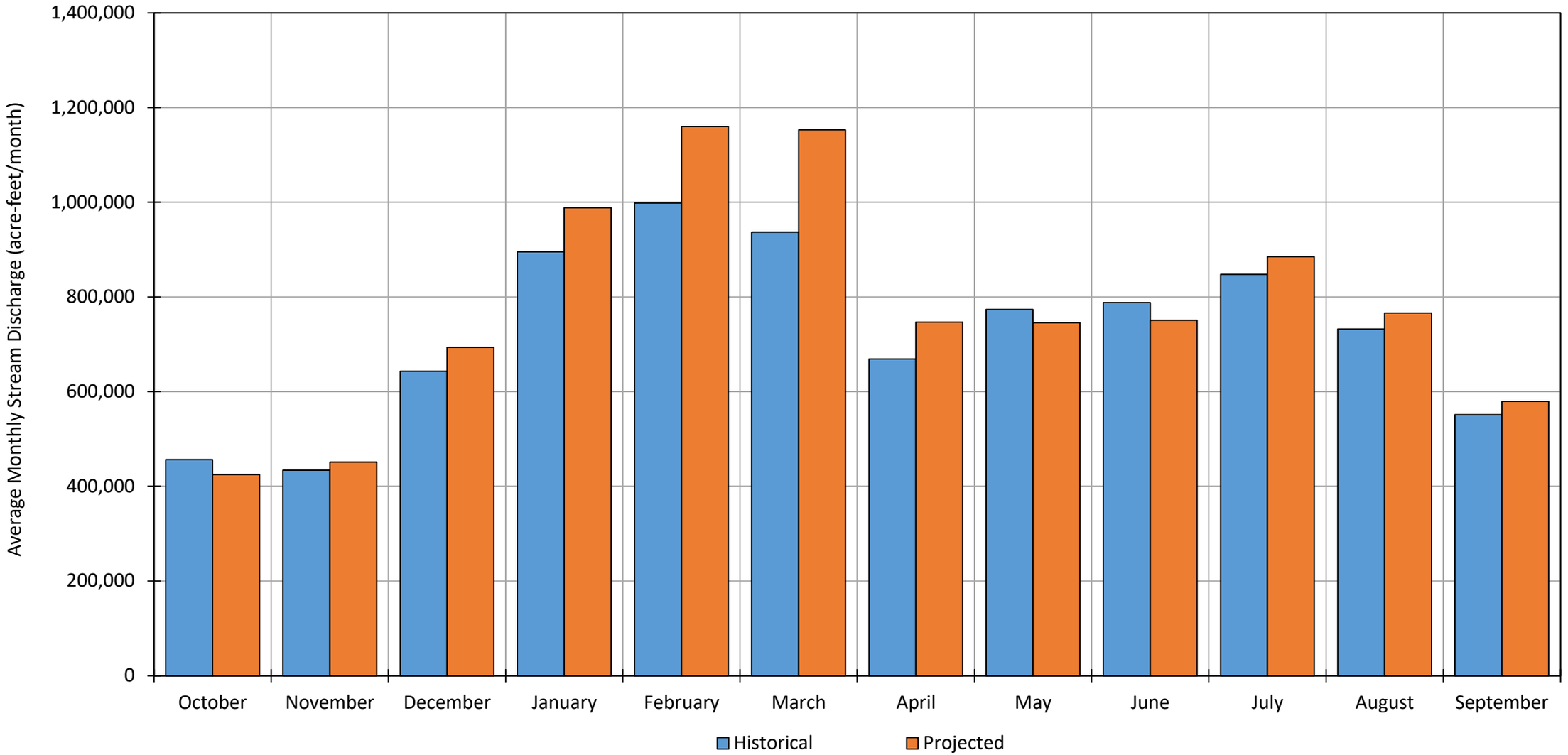
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Inflow from Sacramento River at Antelope Subbasin Boundary

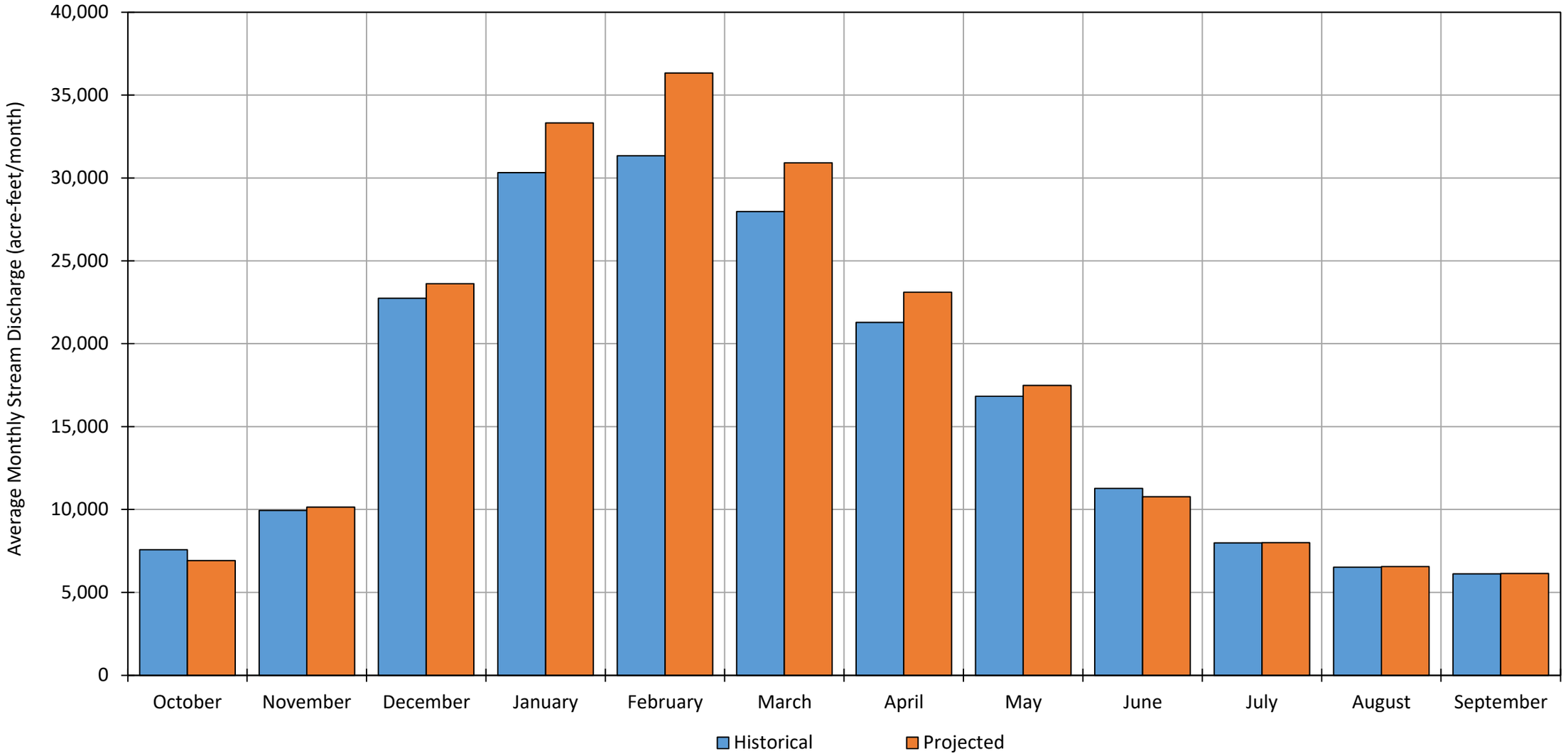
Antelope Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Antelope Creek Group to Sacramento River

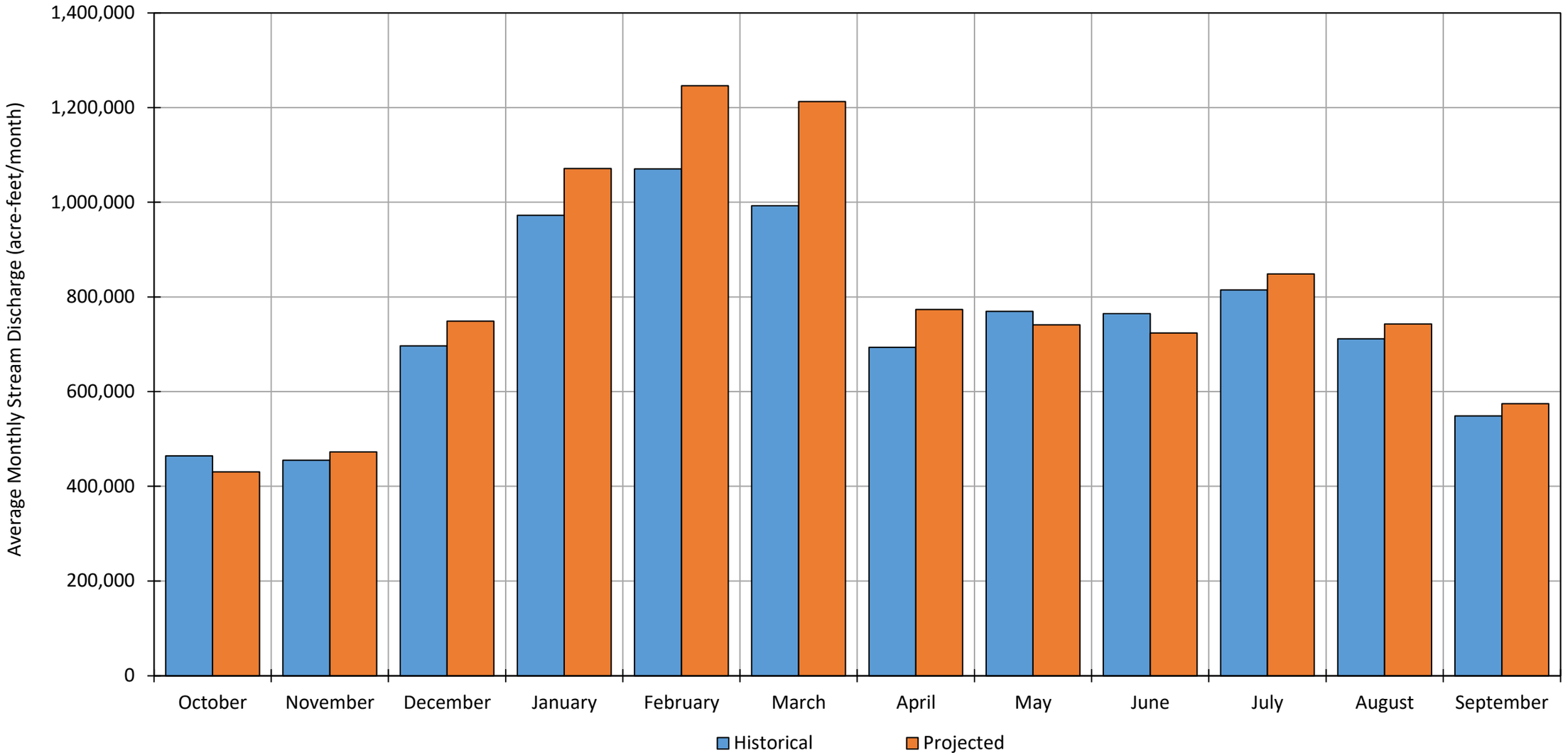
Antelope Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Sacramento River at Antelope Subbasin Boundary

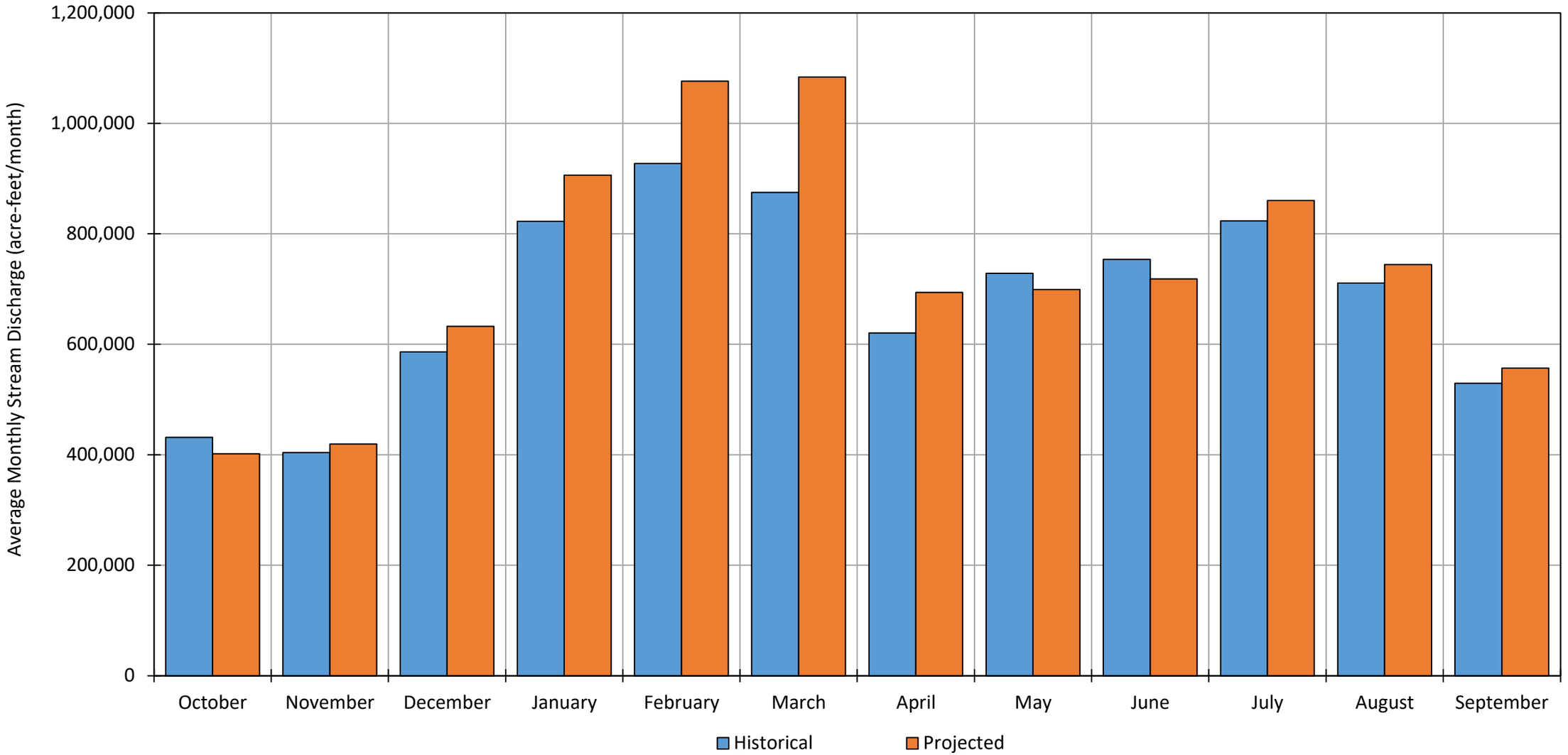
Antelope Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Inflow from Sacramento River at Bowman Subbasin Boundary

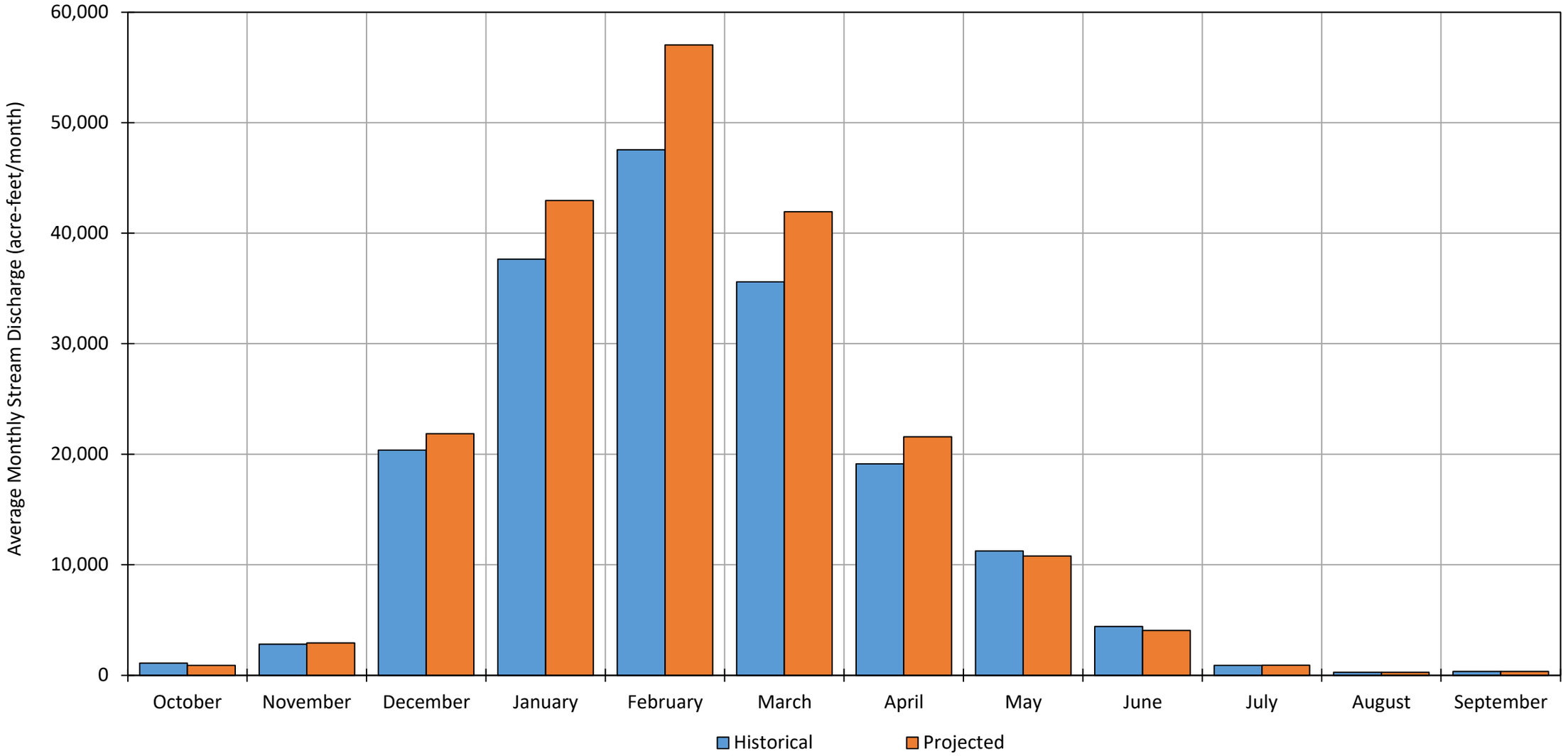
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from MF Cottonwood Creek to Cottonwood Creek

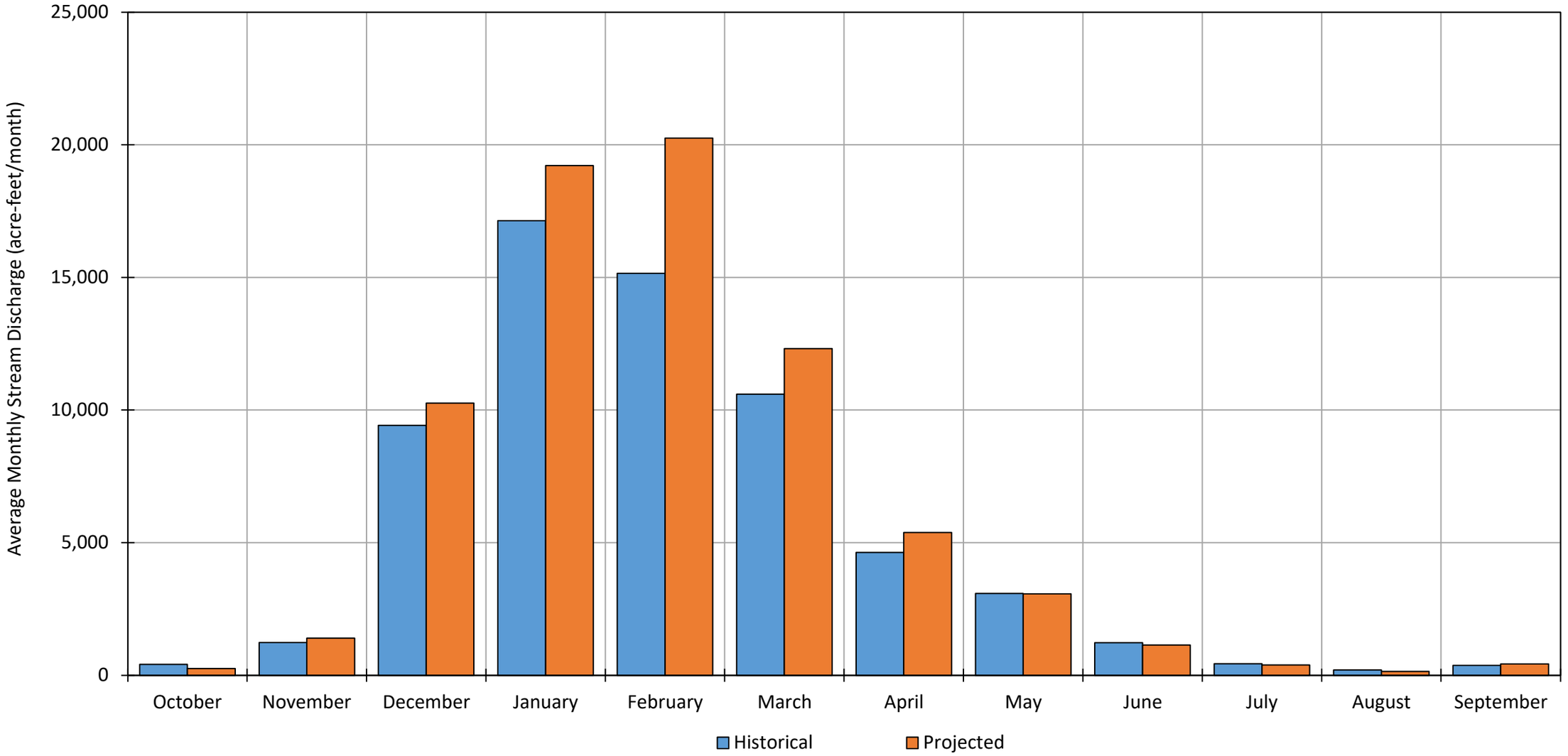
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from SF Cottonwood Creek to Cottonwood Creek

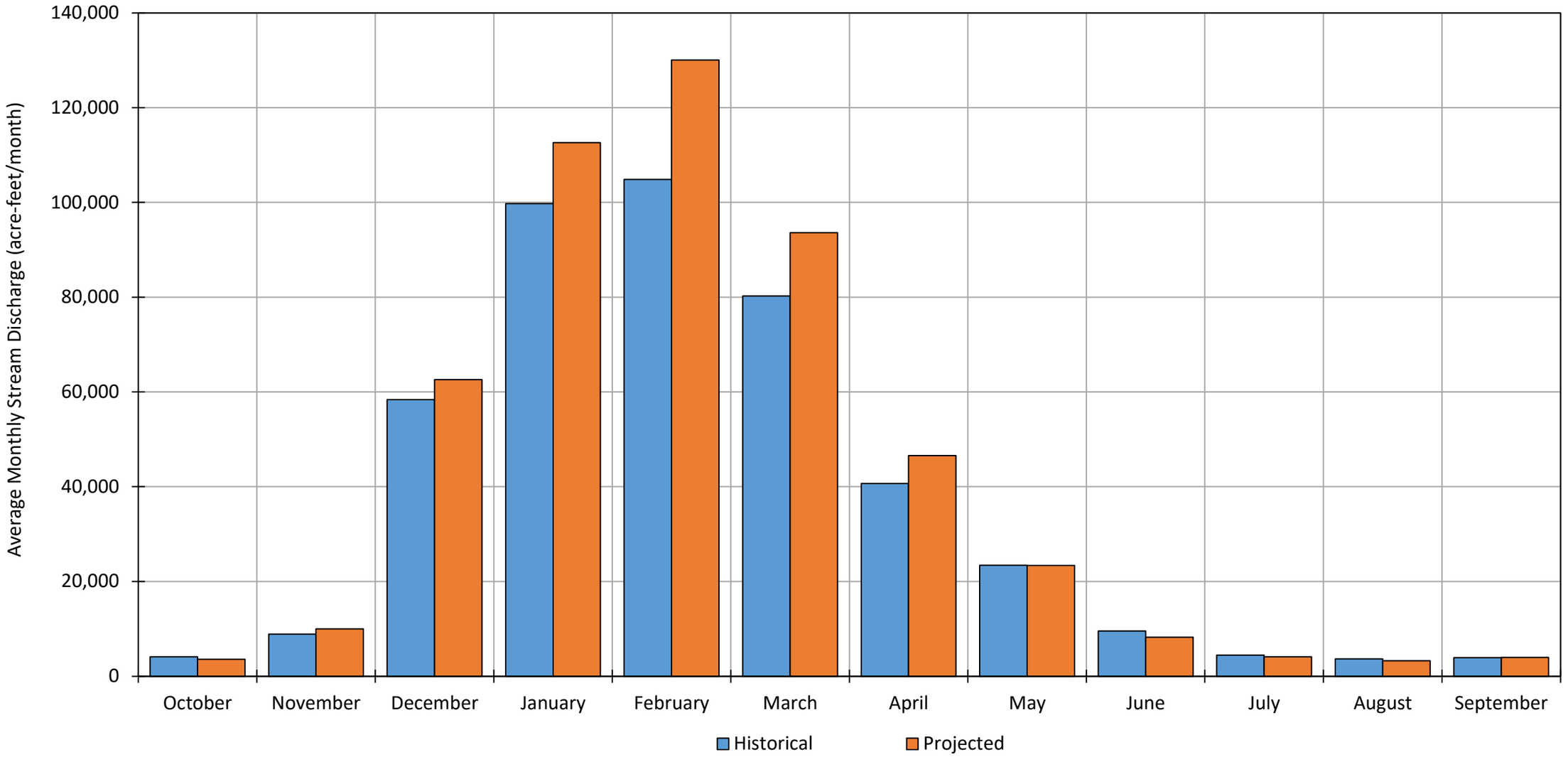
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Cottonwood Creek to Sacramento River

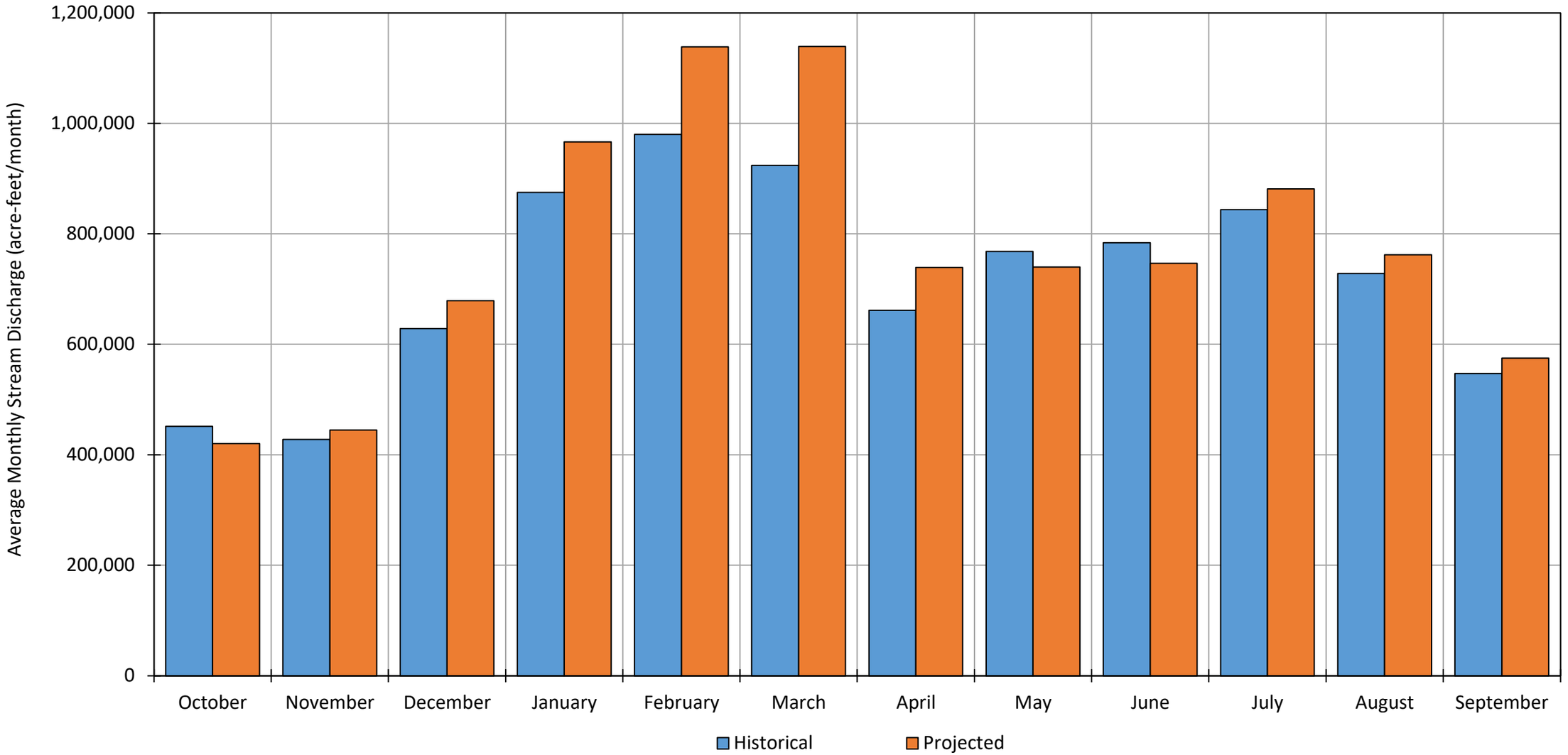
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Sacramento River at Bowman Subbasin Boundary

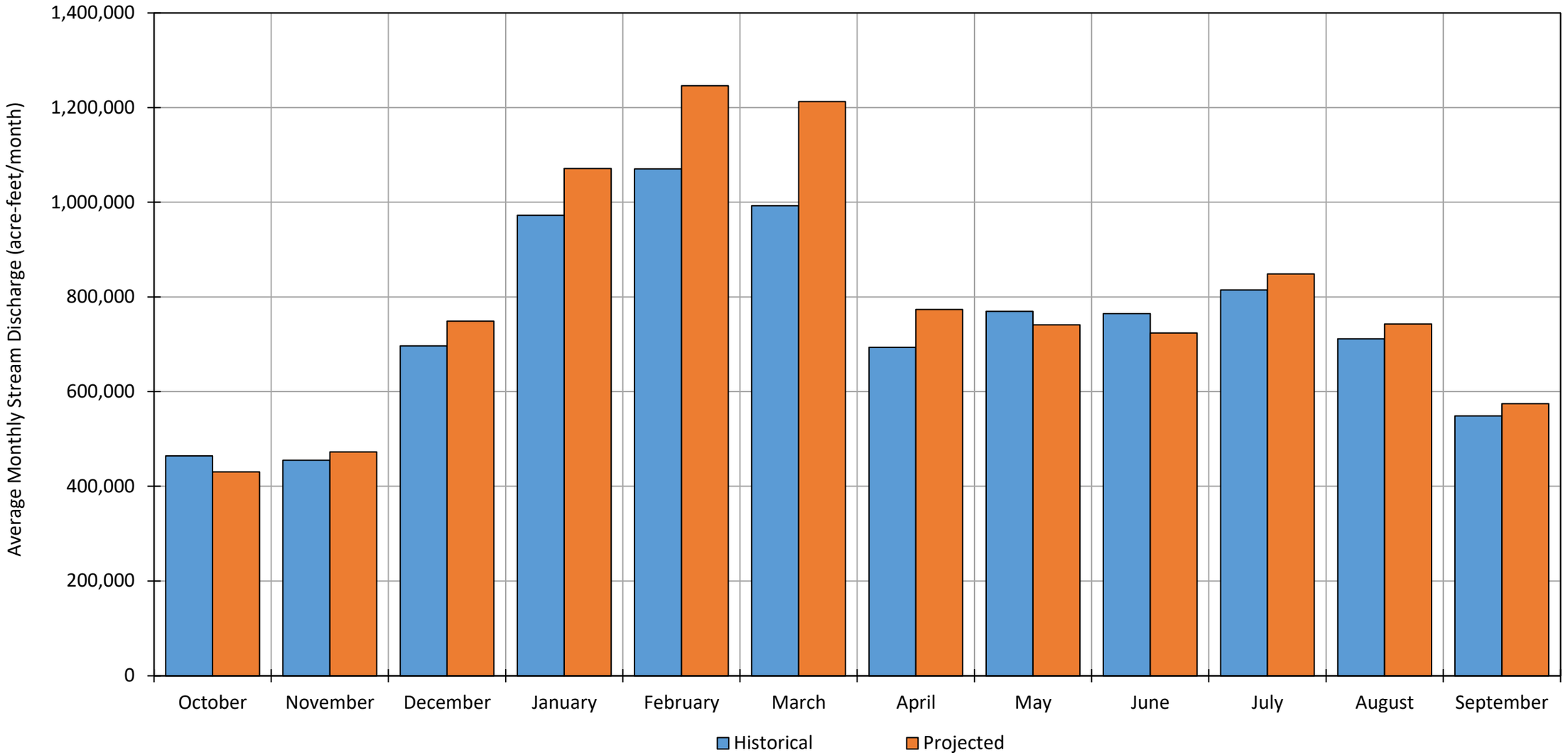
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

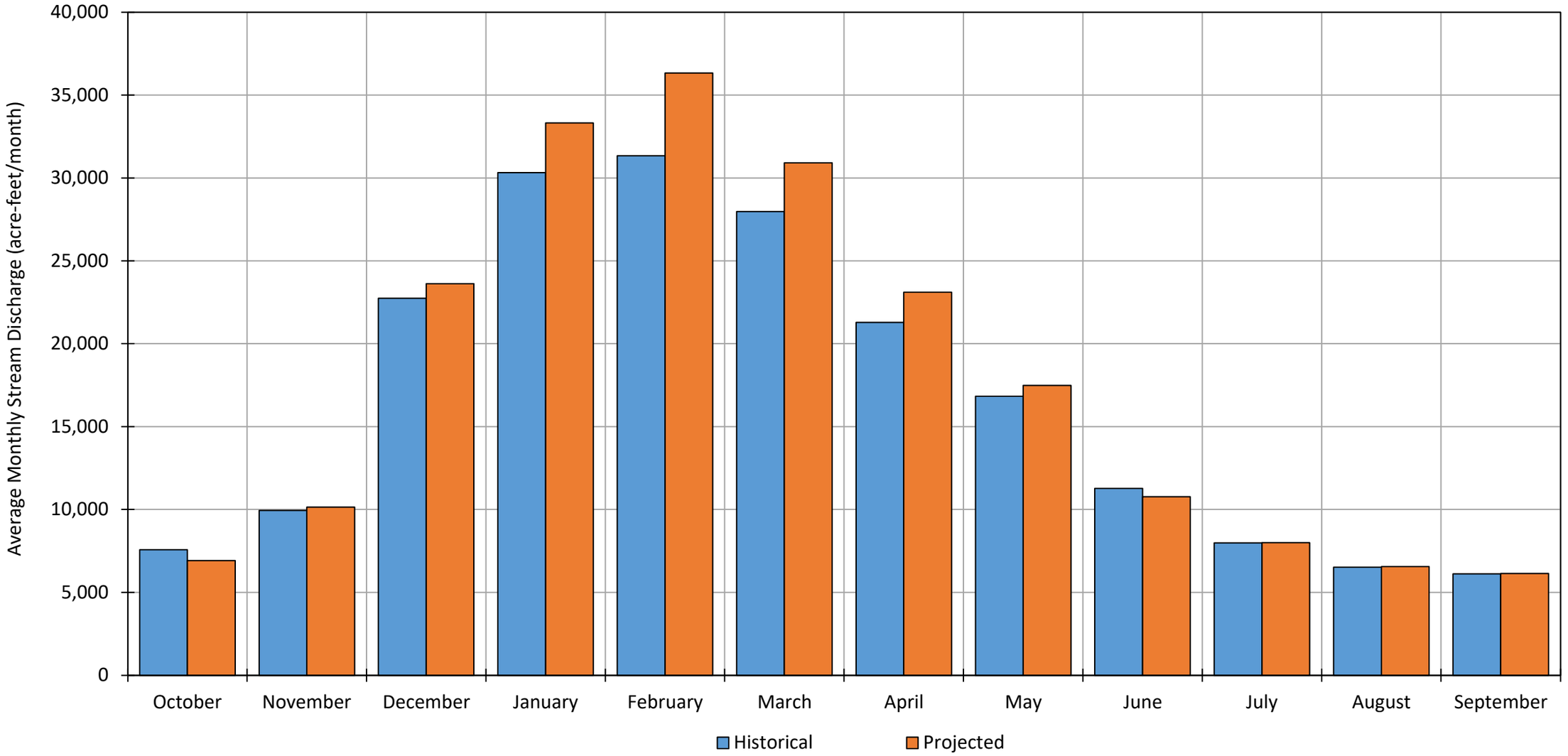
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Antelope Creek Group to Sacramento River

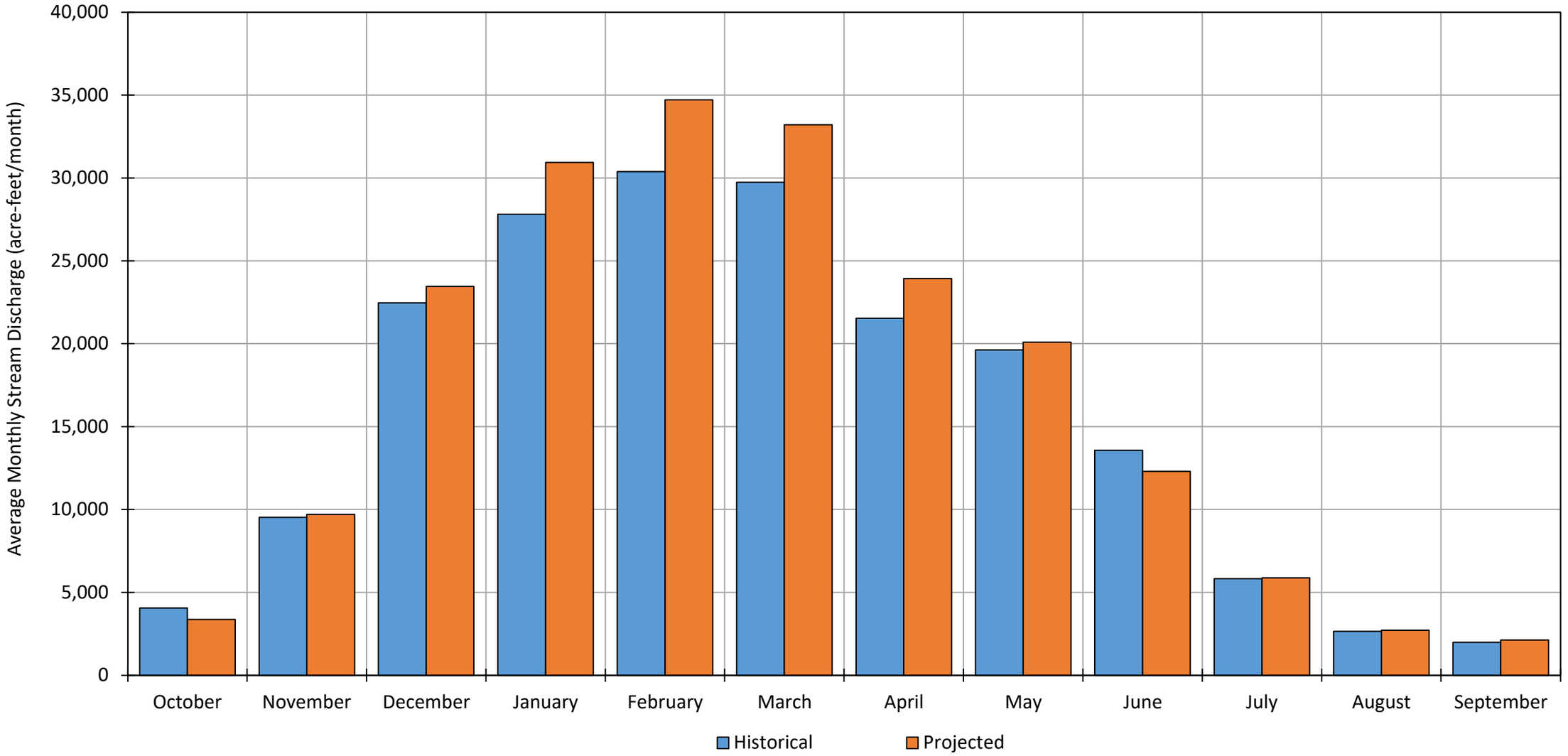
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Mill Creek to Sacramento River

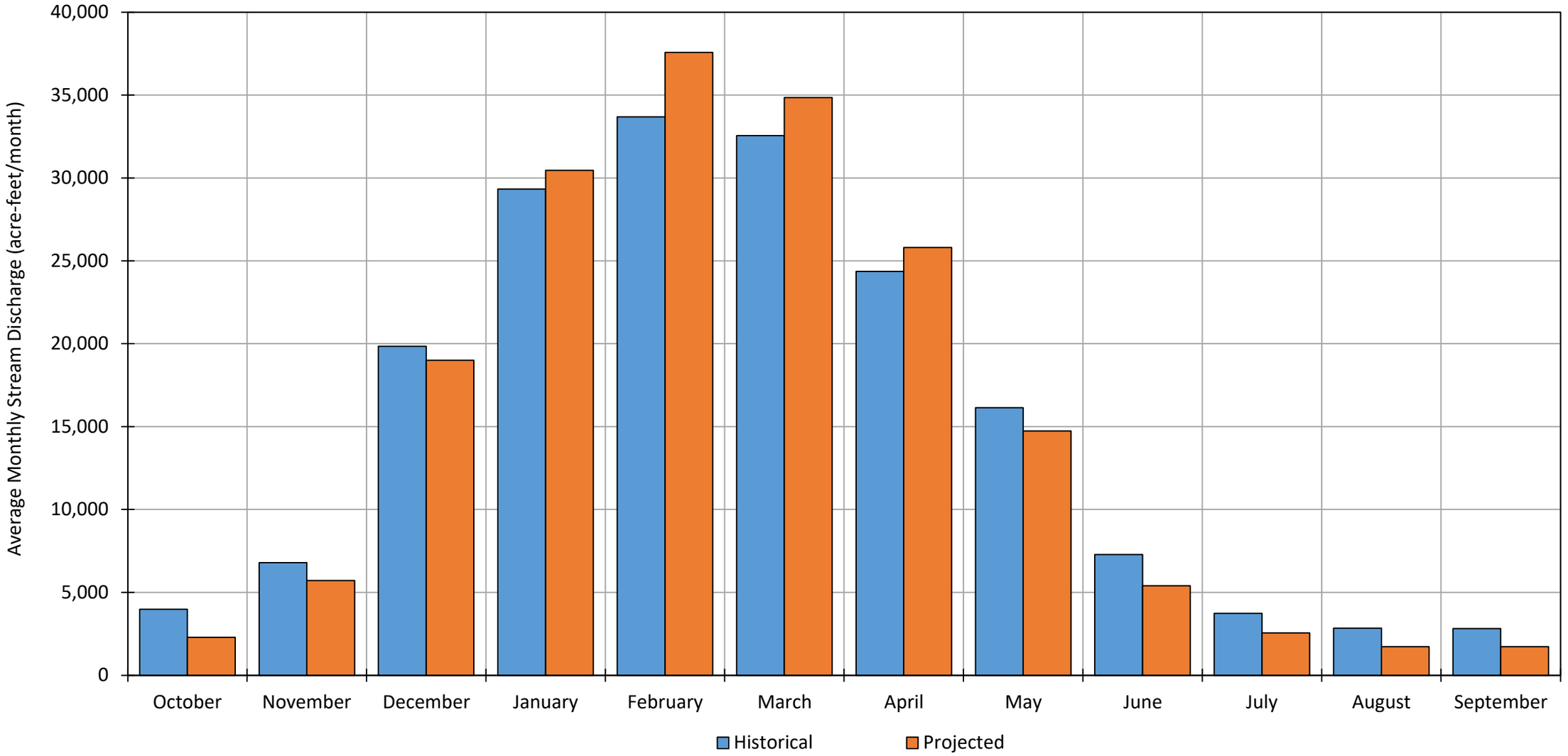
Los Molinos Subbasin



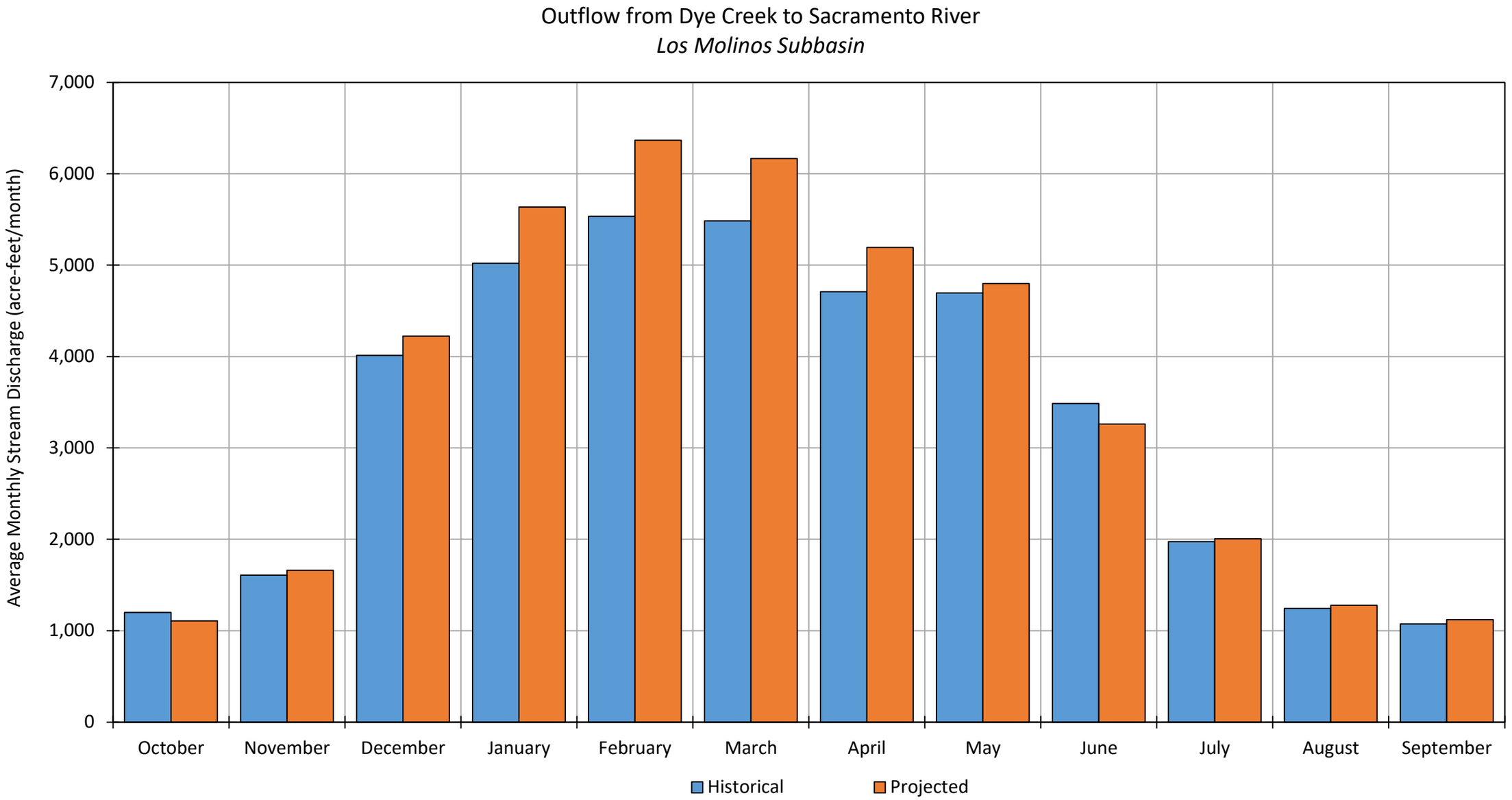
Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Deer Creek Group to Sacramento River

Los Molinos Subbasin



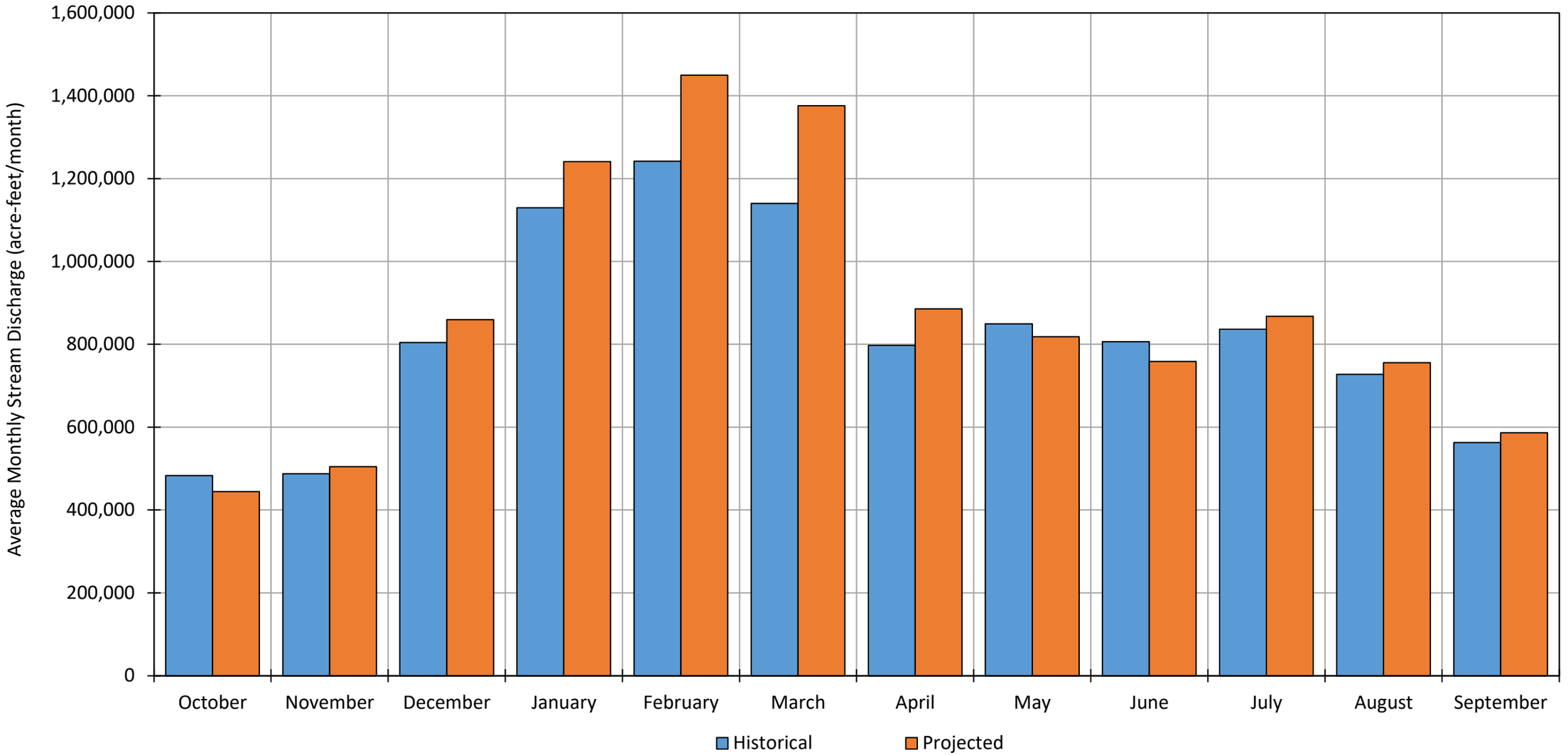
Tehama IHM - Projected (Current Land Use) with Climate Change (2030)



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Sacramento River at Los Molinos Subbasin Boundary

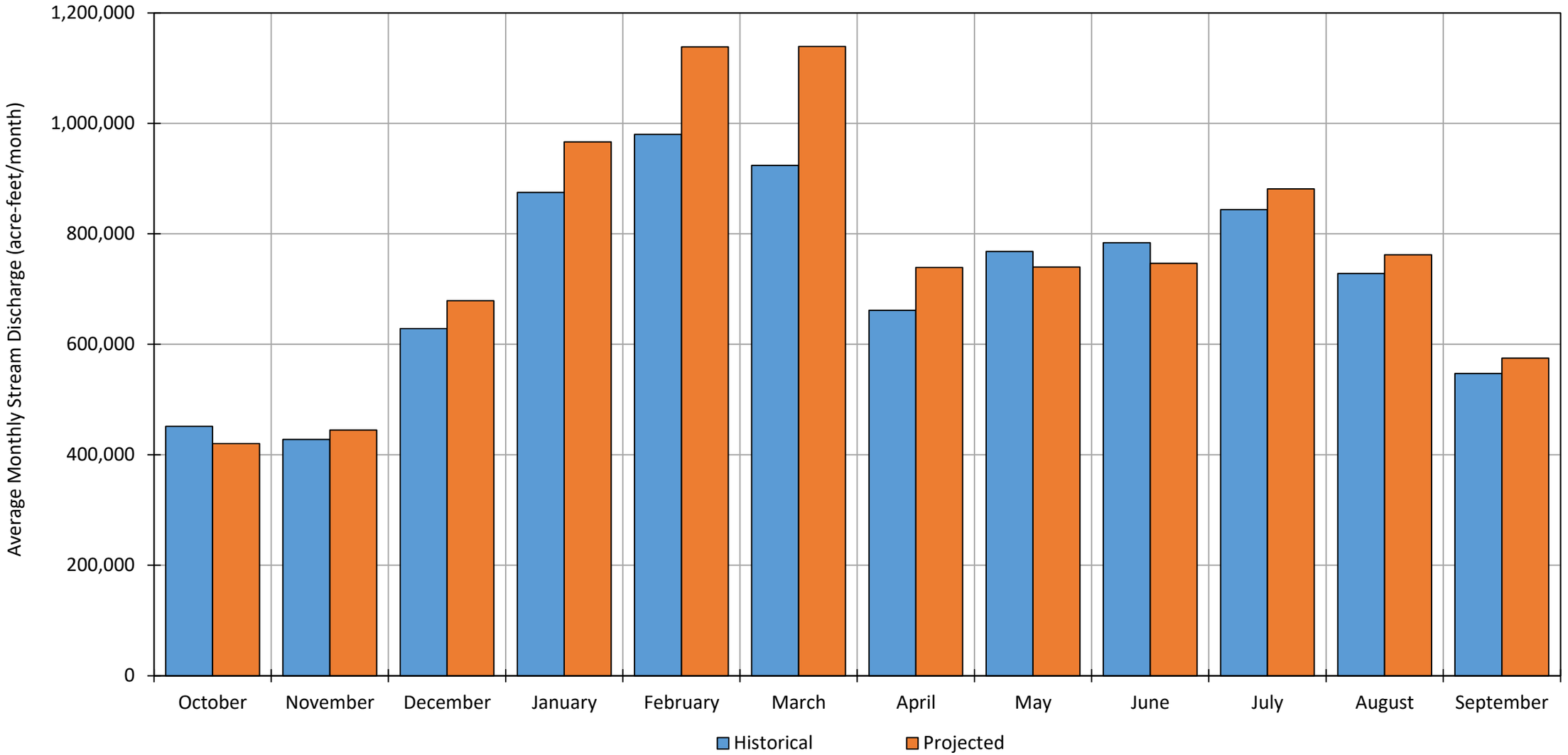
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Inflow from Sacramento River at Red Bluff Subbasin Boundary

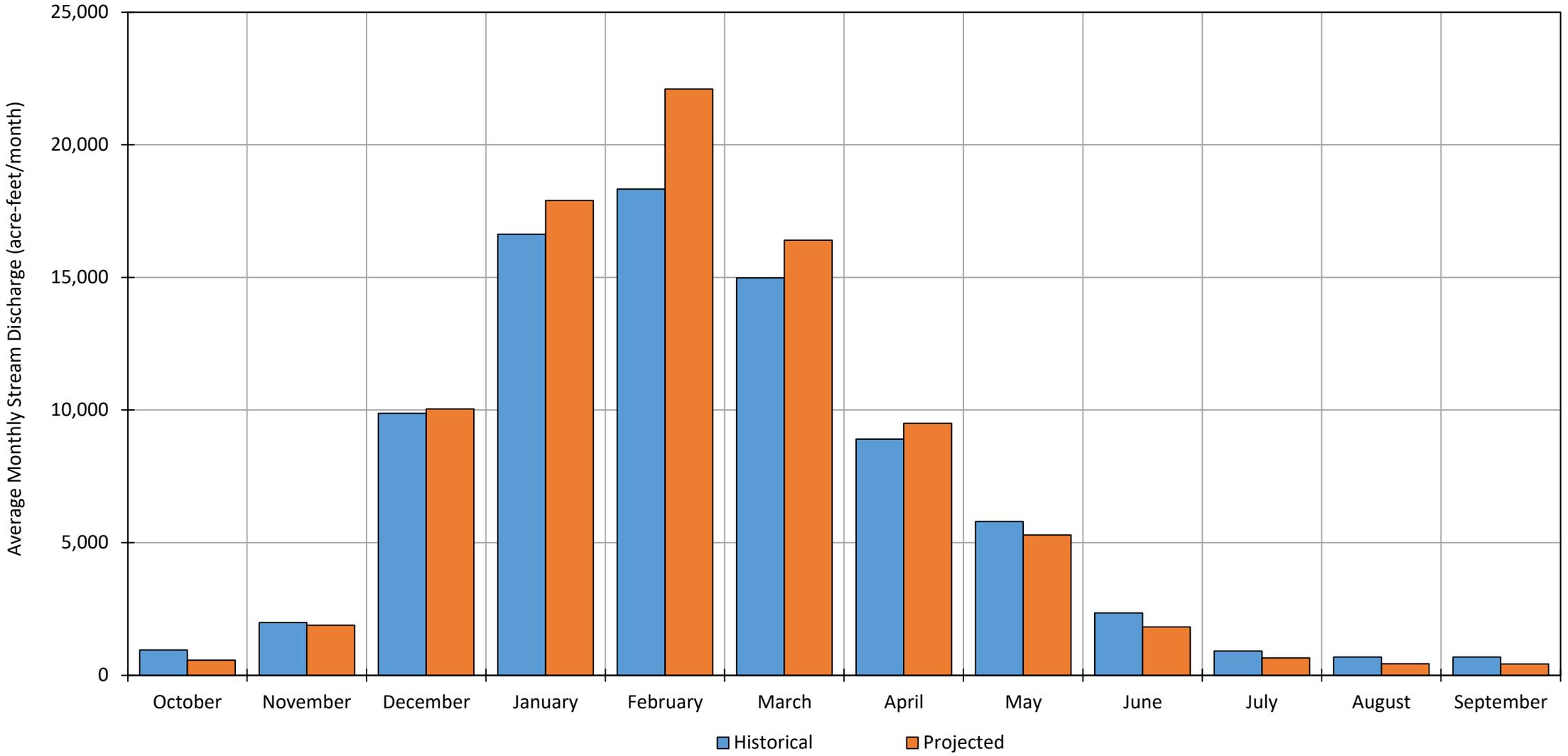
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Elder Creek to Sacramento River

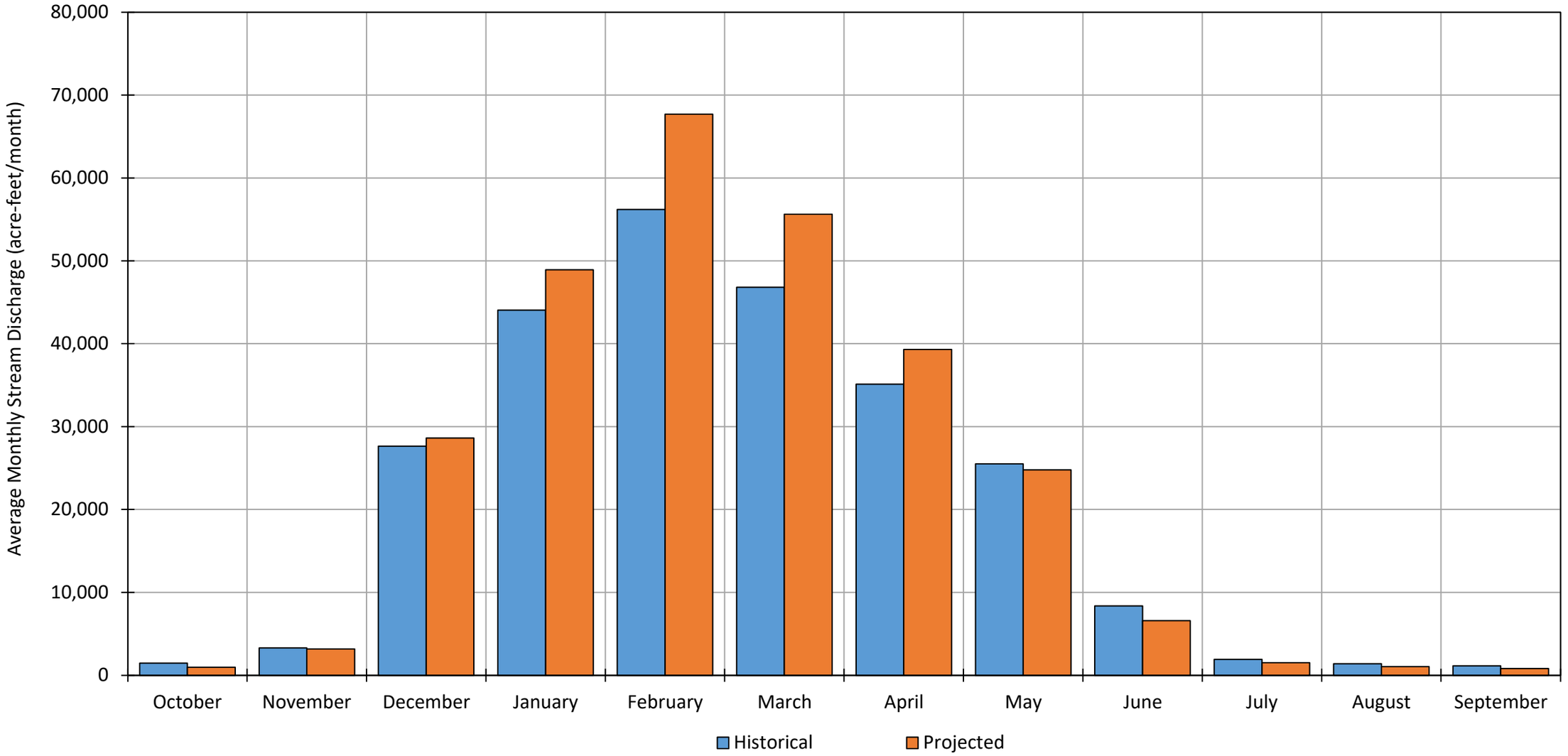
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Thomes Creek to Sacramento River

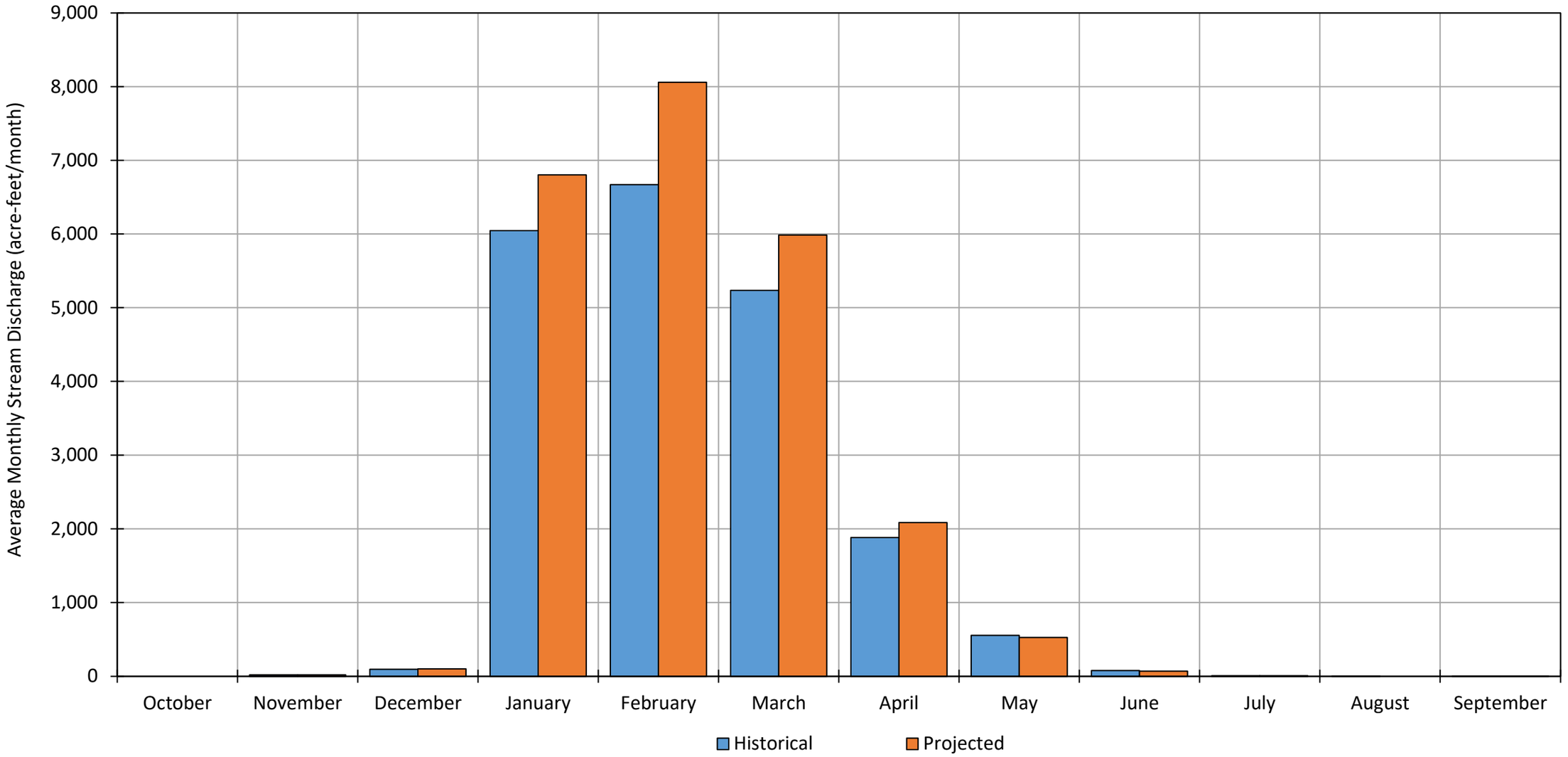
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Red Bank Creek to Sacramento River

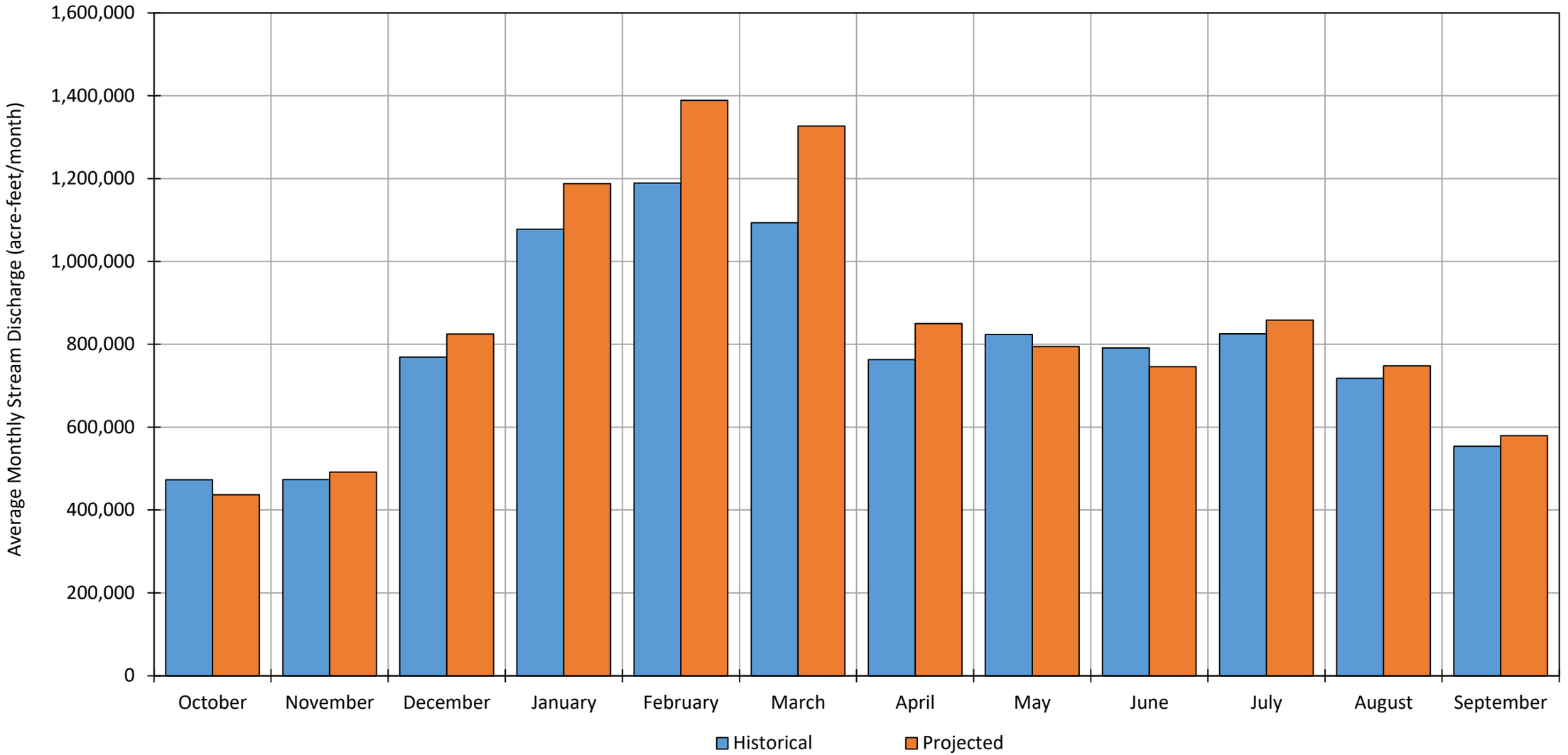
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2030)

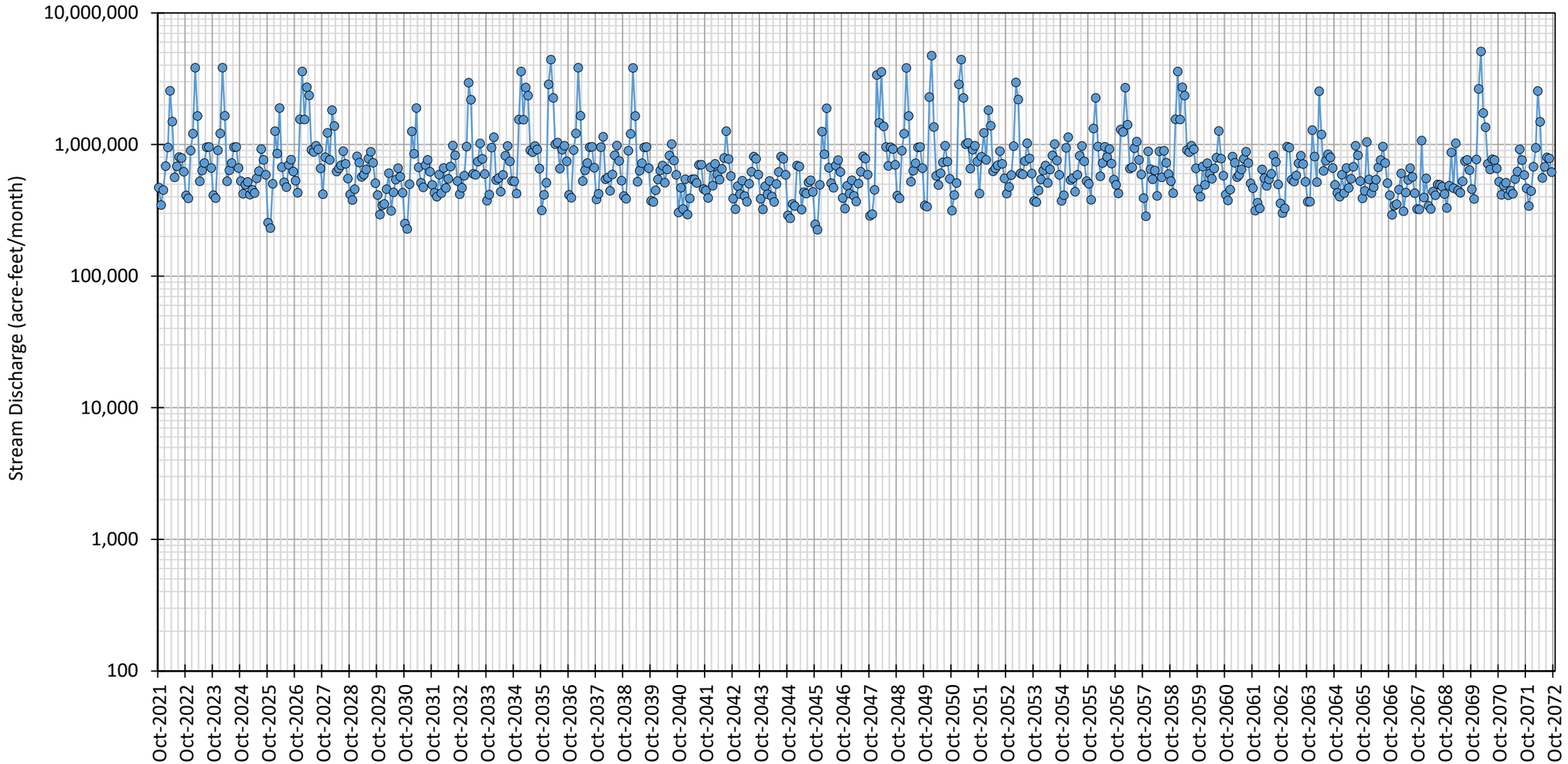
APPENDIX G-5

Tehama IHM Simulated Streamflows:

Projected (Current Land Use) with Climate Change (2070) Model Results

Inflow from Sacramento River at Antelope Subbasin Boundary

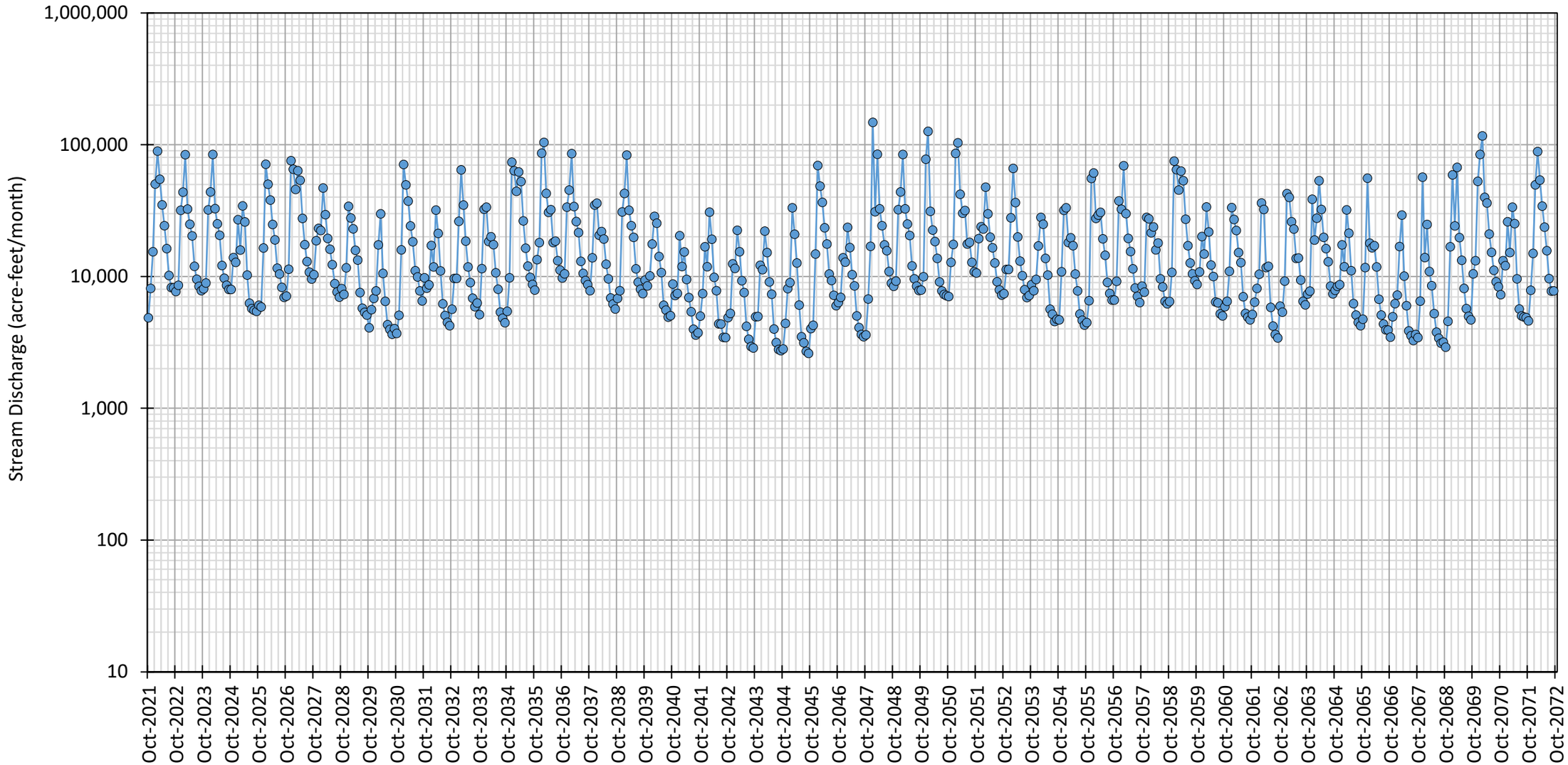
Antelope Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Antelope Creek Group to Sacramento River

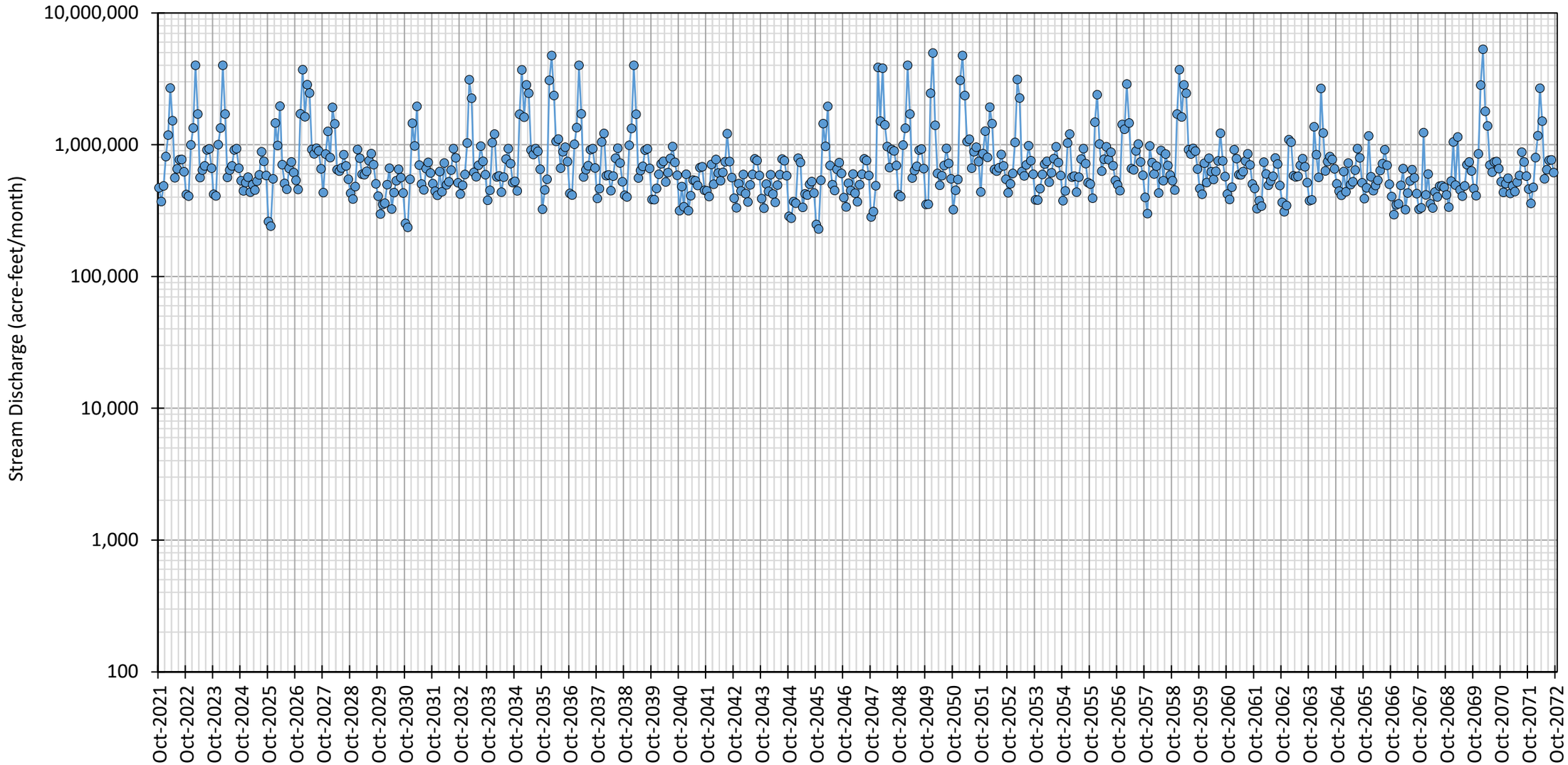
Antelope Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Sacramento River at Antelope Subbasin Boundary

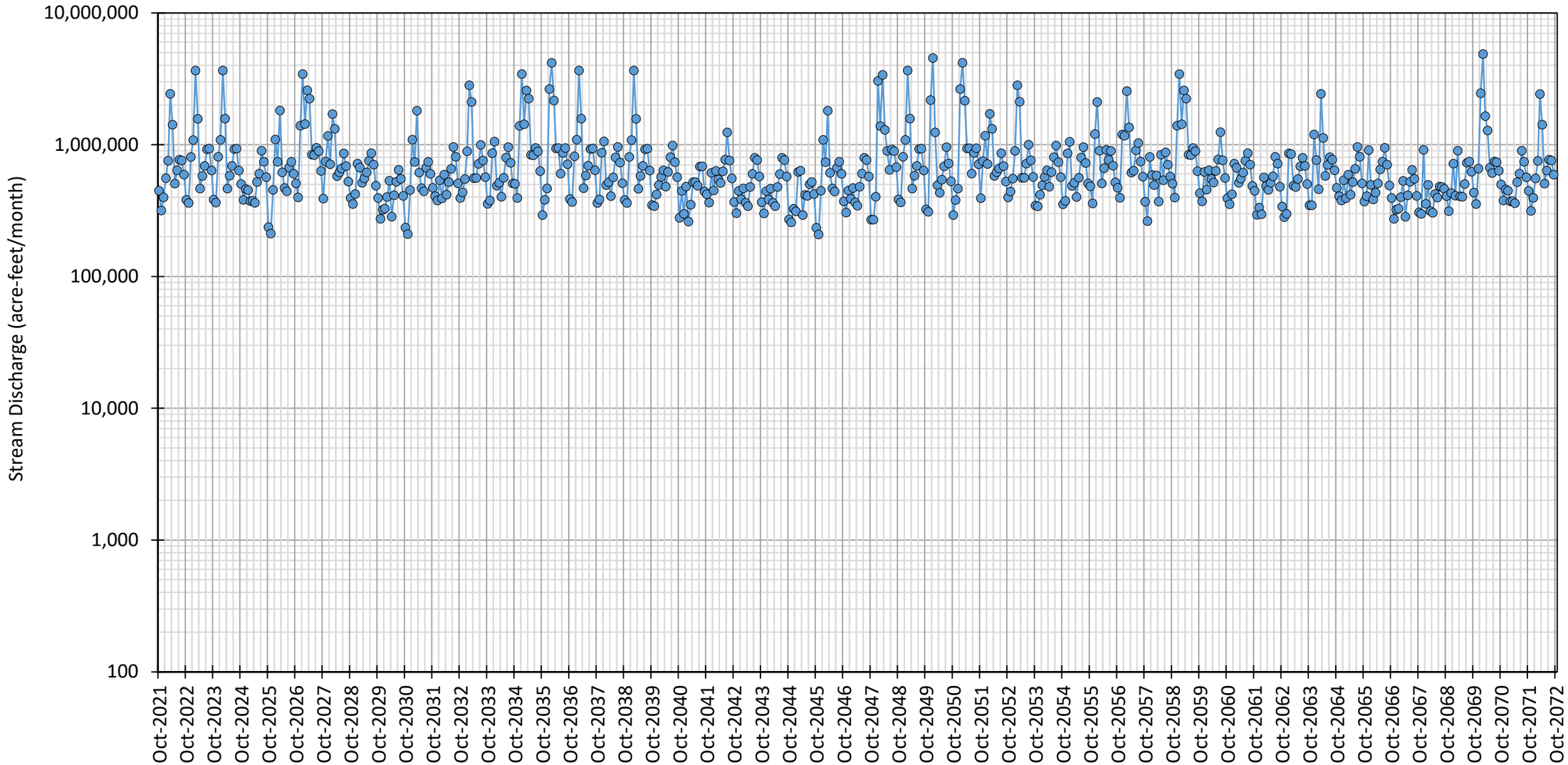
Antelope Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Inflow from Sacramento River at Bowman Subbasin Boundary

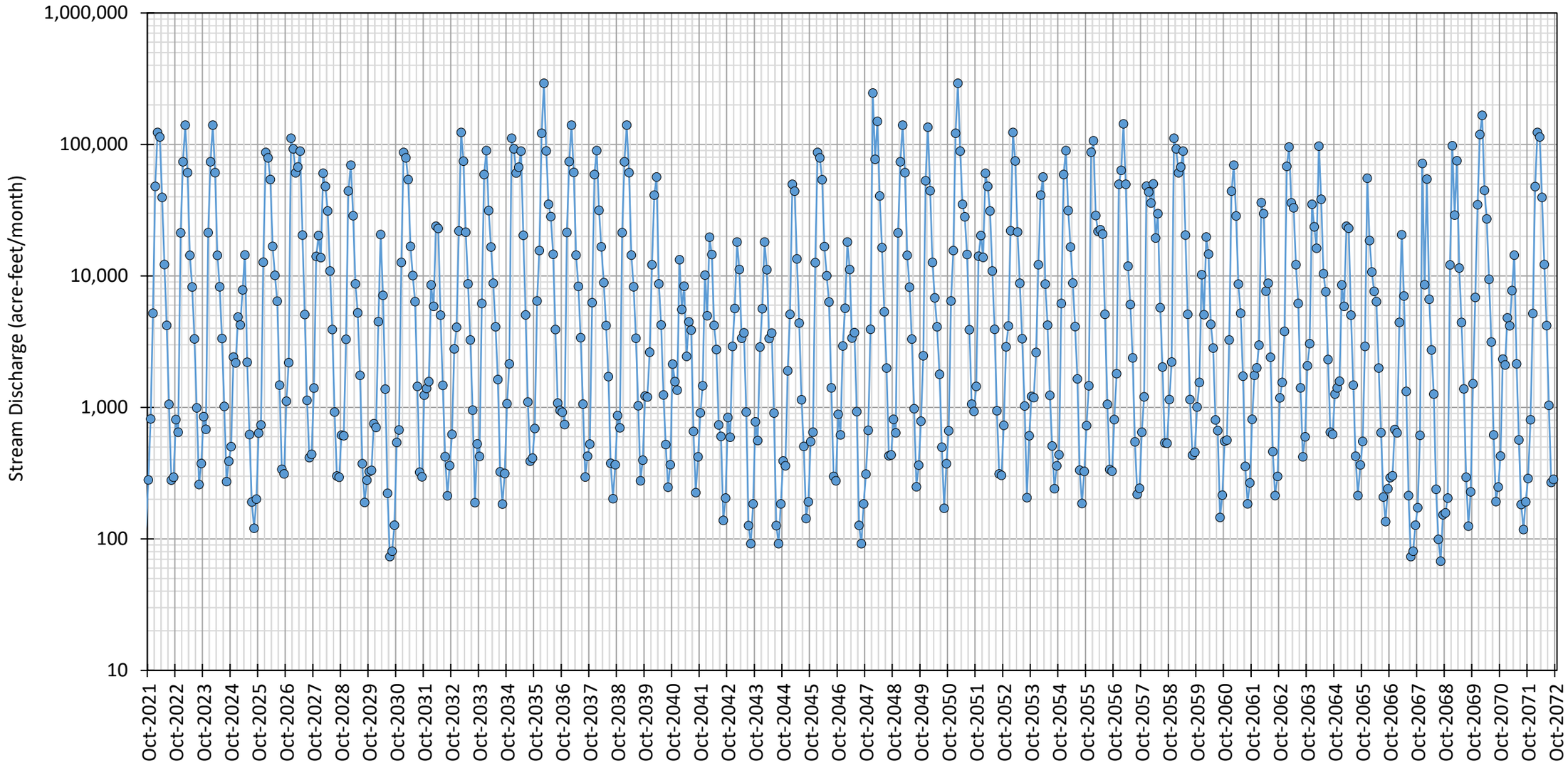
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from MF Cottonwood Creek to Cottonwood Creek

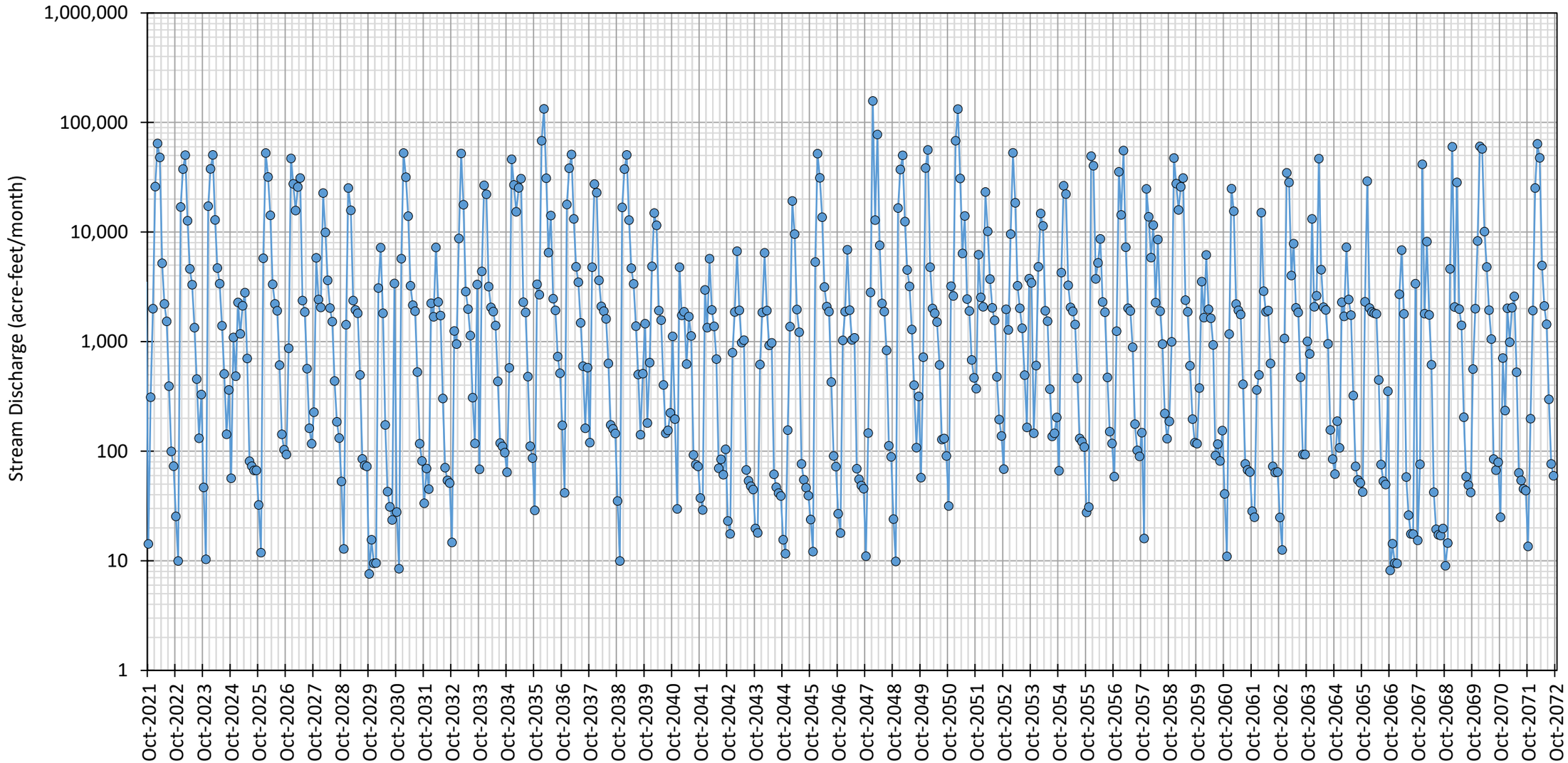
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from SF Cottonwood Creek to Cottonwood Creek

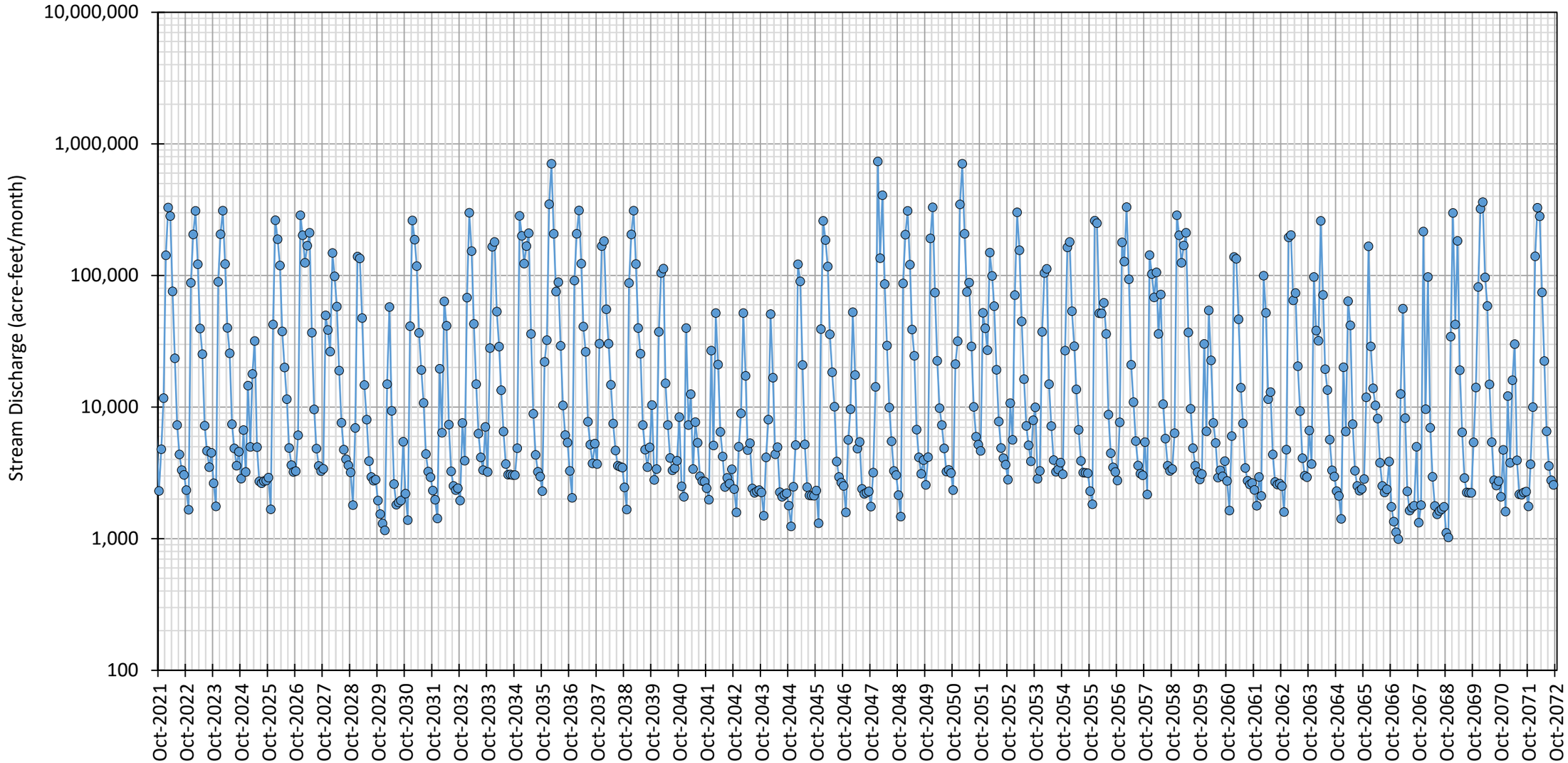
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Cottonwood Creek to Sacramento River

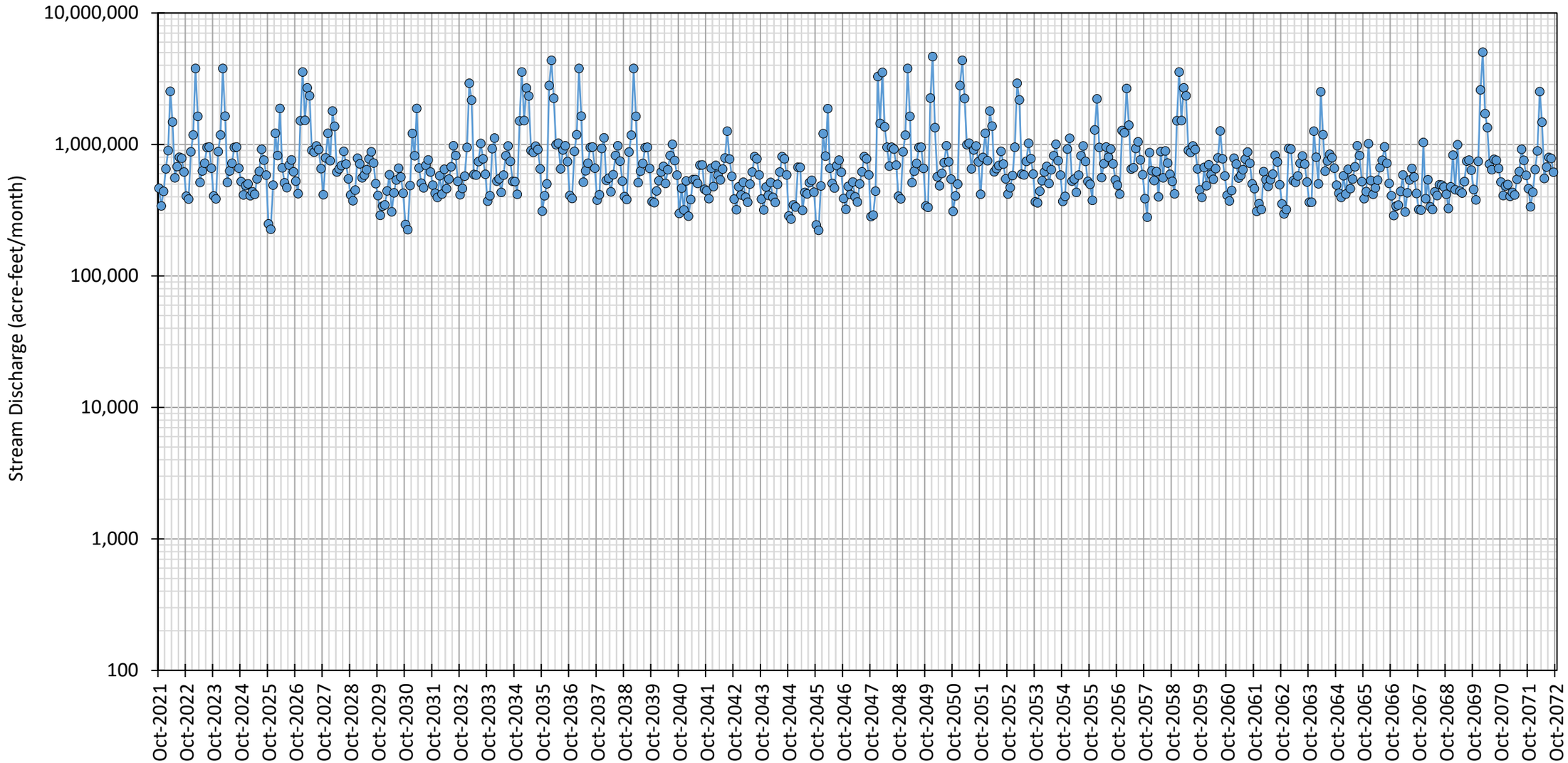
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Sacramento River at Bowman Subbasin Boundary

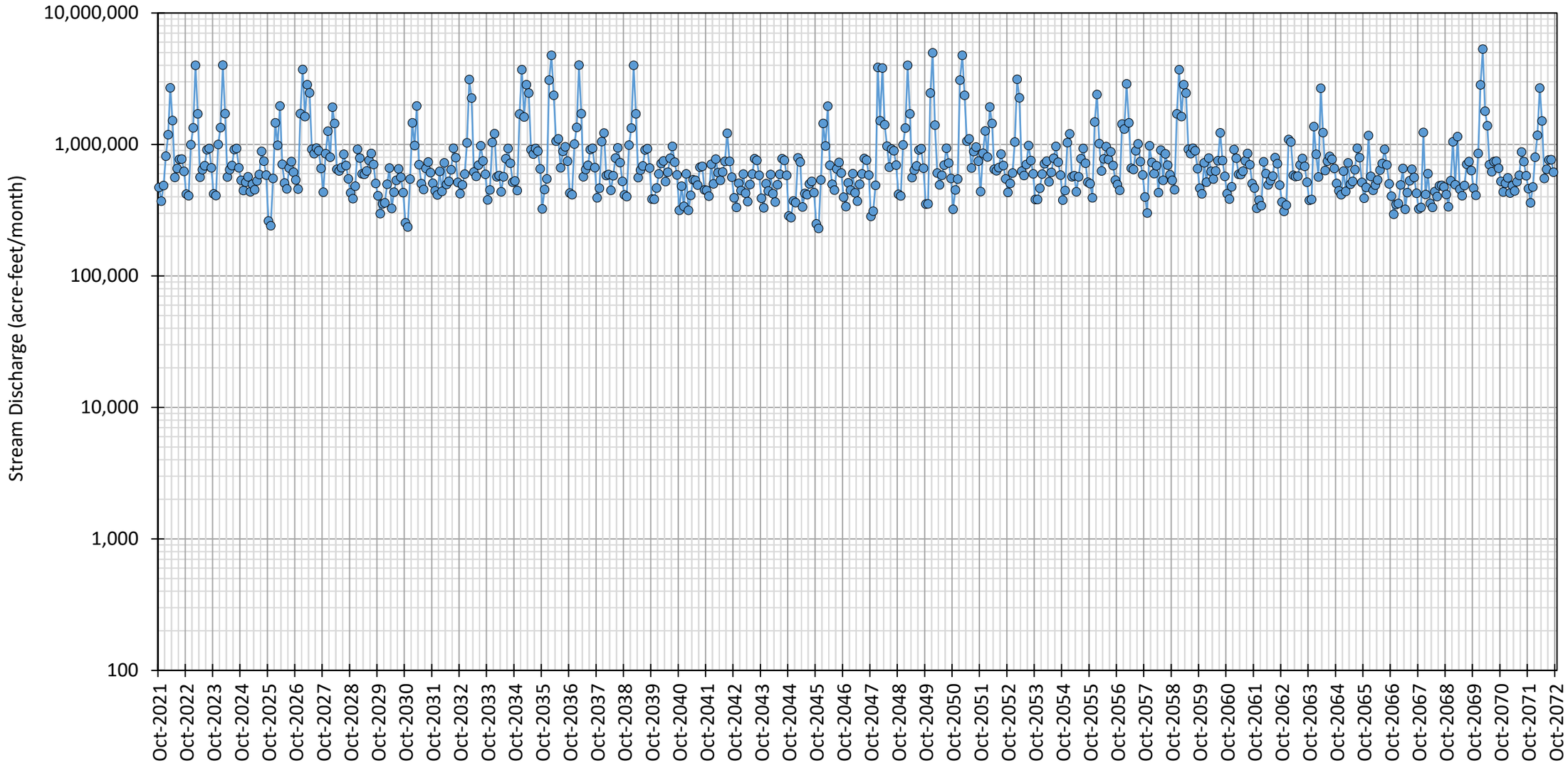
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

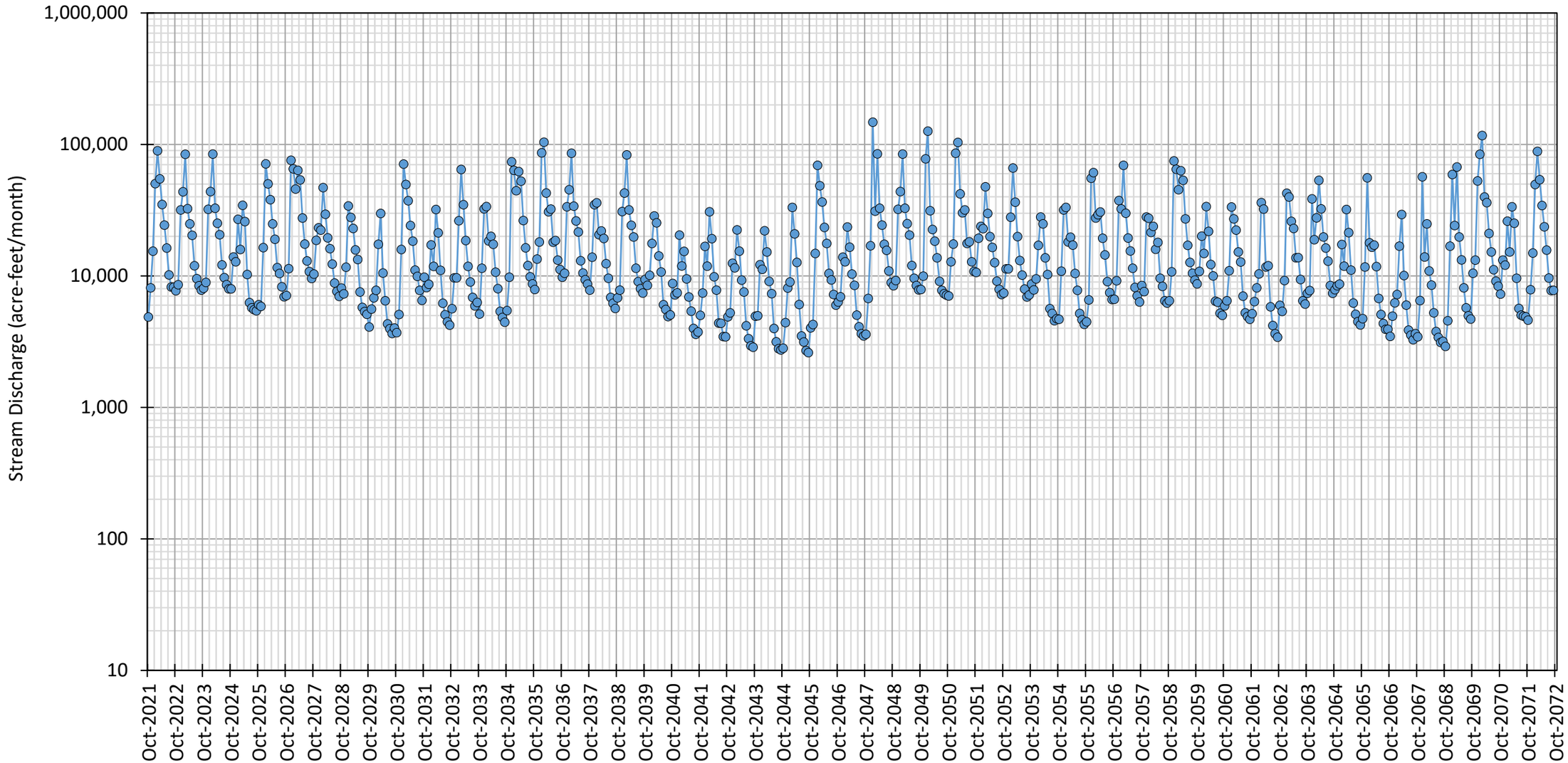
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Antelope Creek Group to Sacramento River

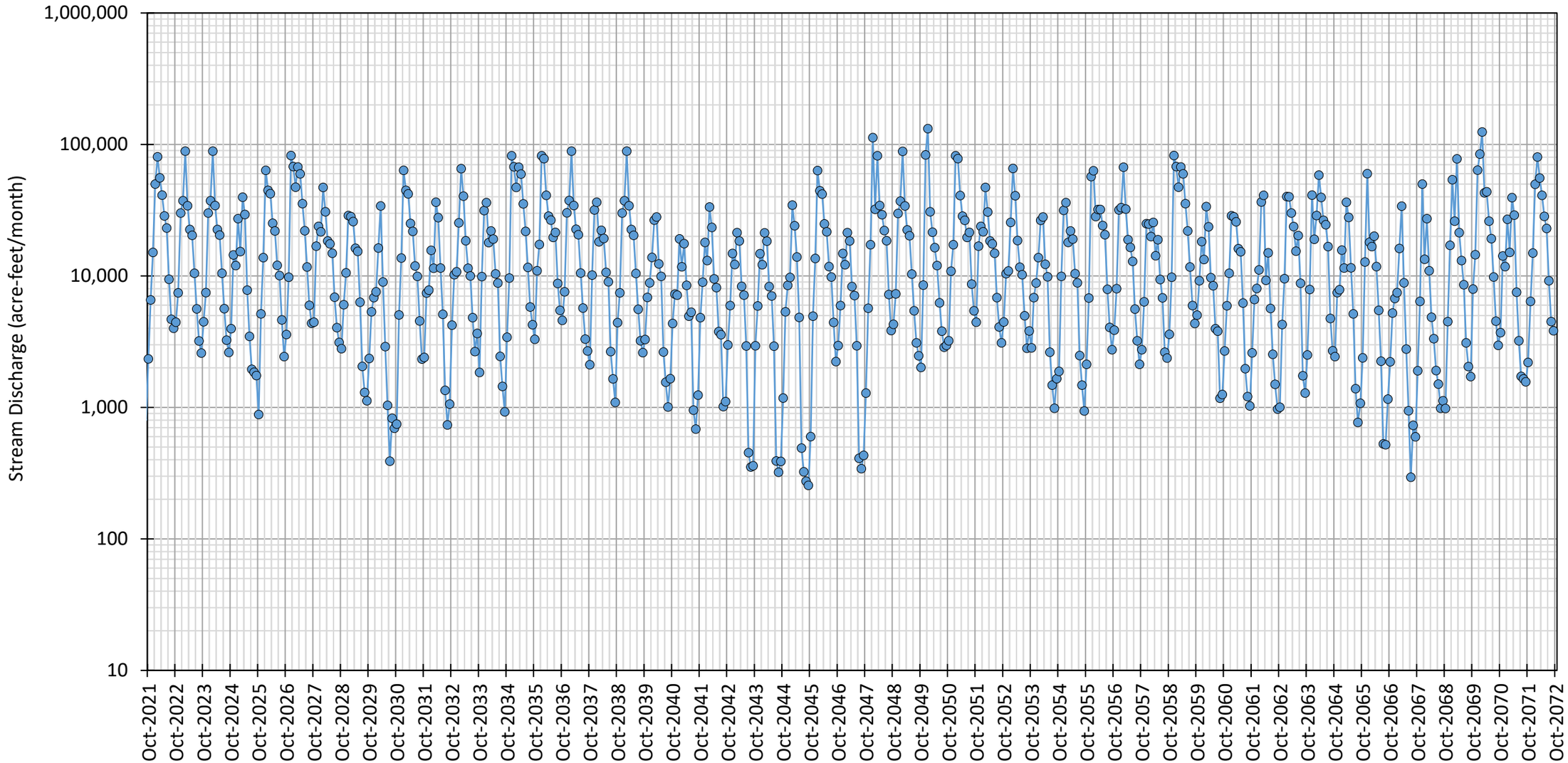
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Mill Creek to Sacramento River

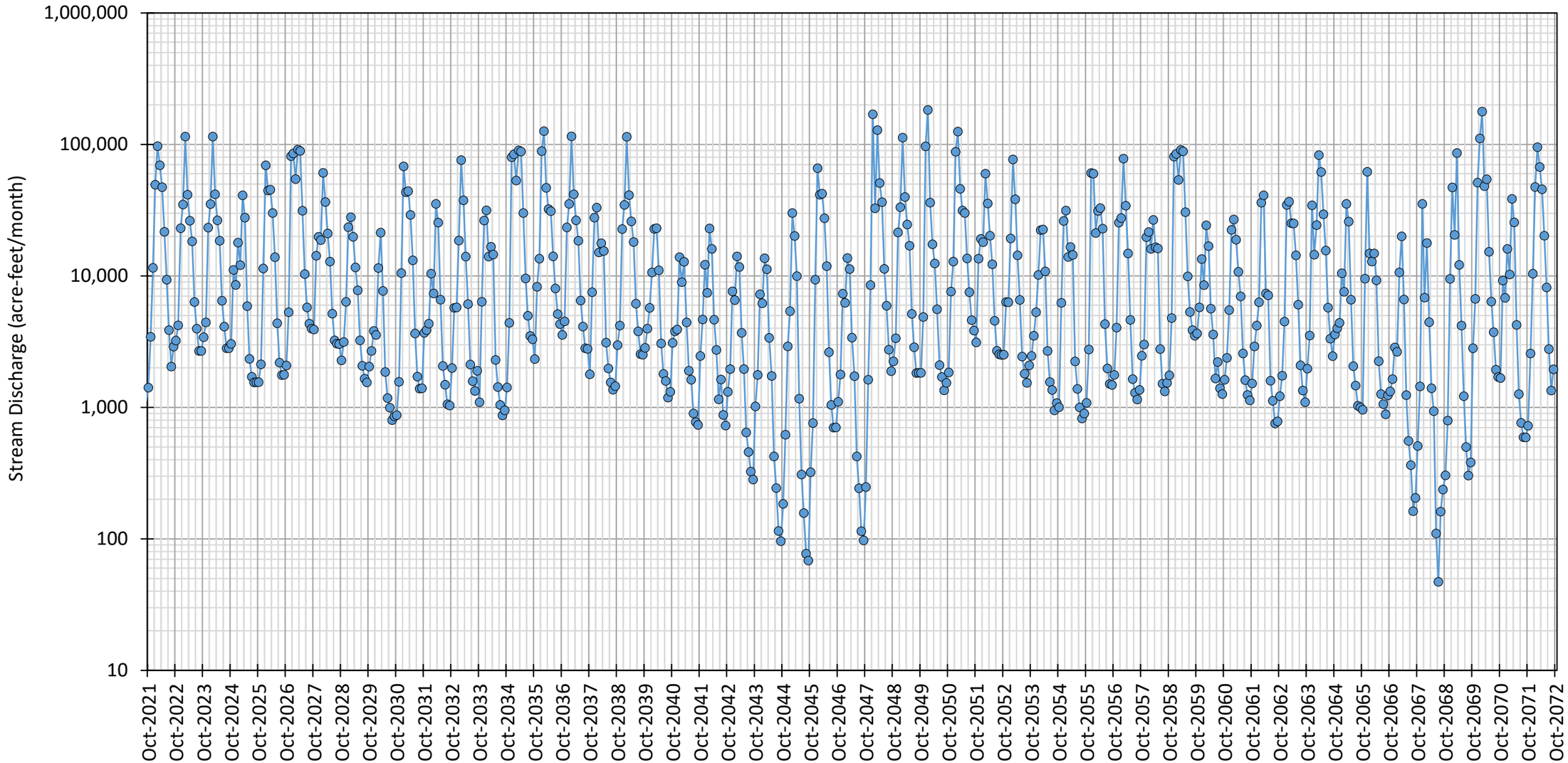
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Deer Creek Group to Sacramento River

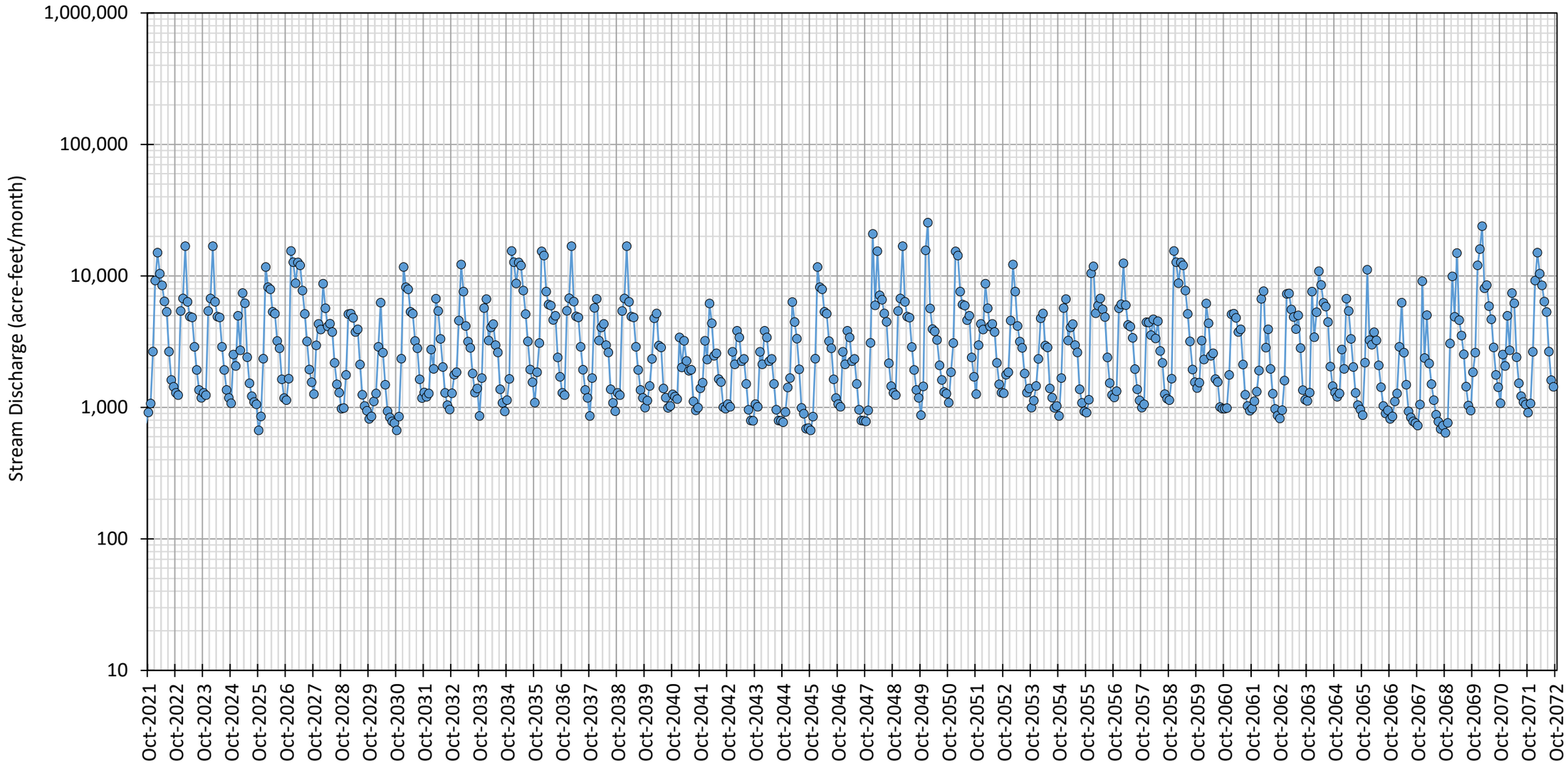
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Dye Creek to Sacramento River

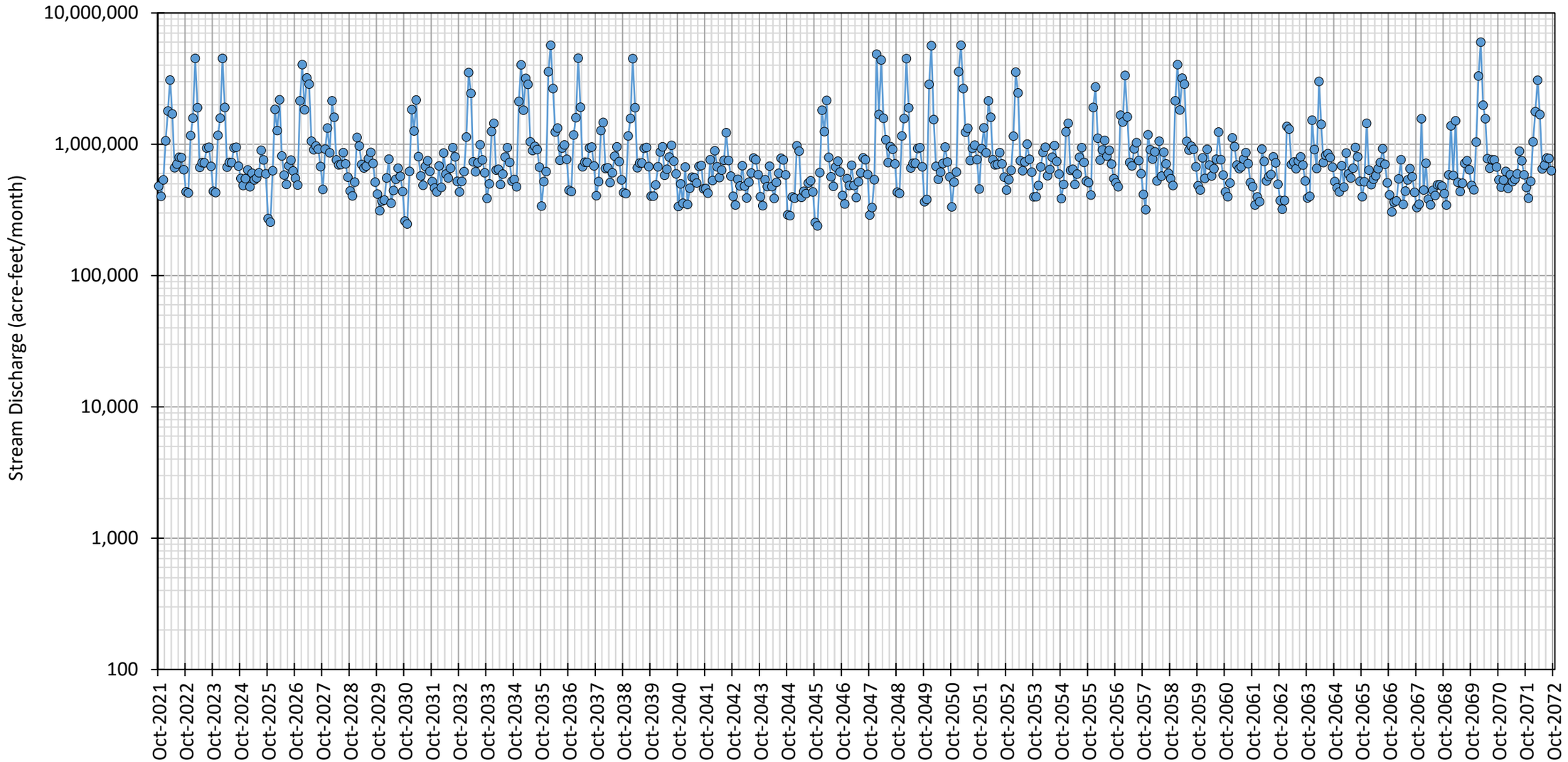
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Sacramento River at Los Molinos Subbasin Boundary

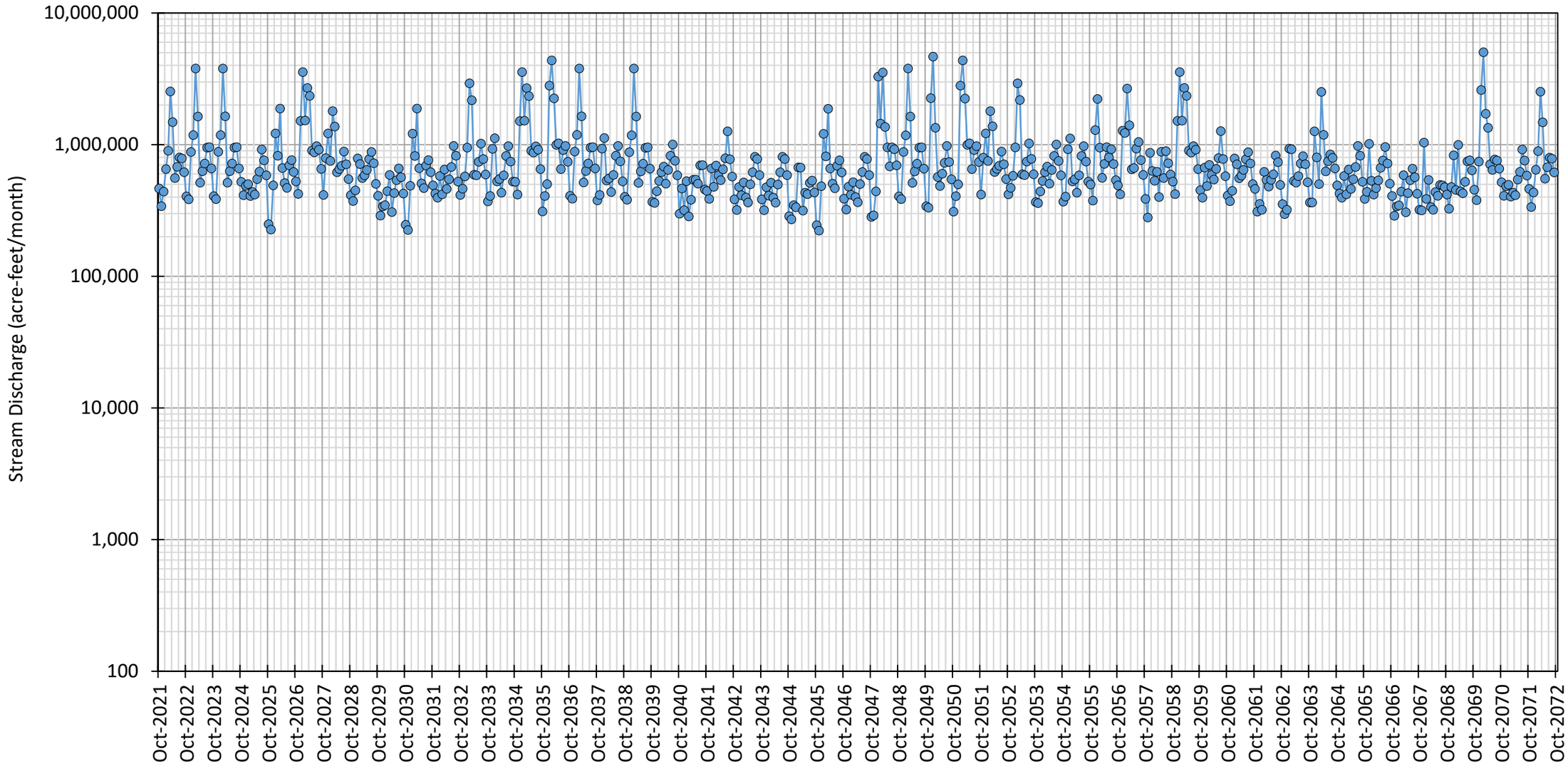
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Inflow from Sacramento River at Red Bluff Subbasin Boundary

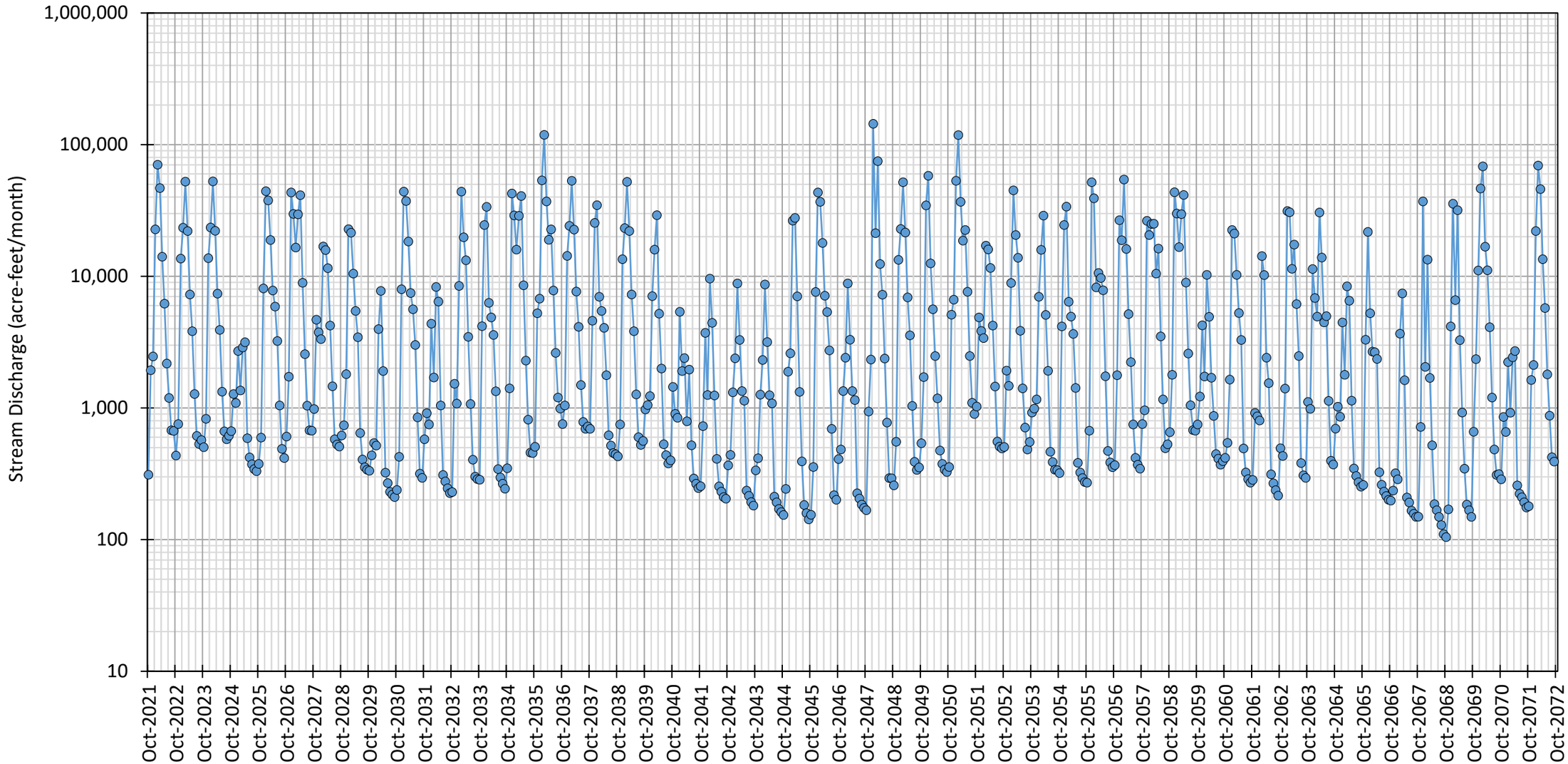
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Elder Creek to Sacramento River

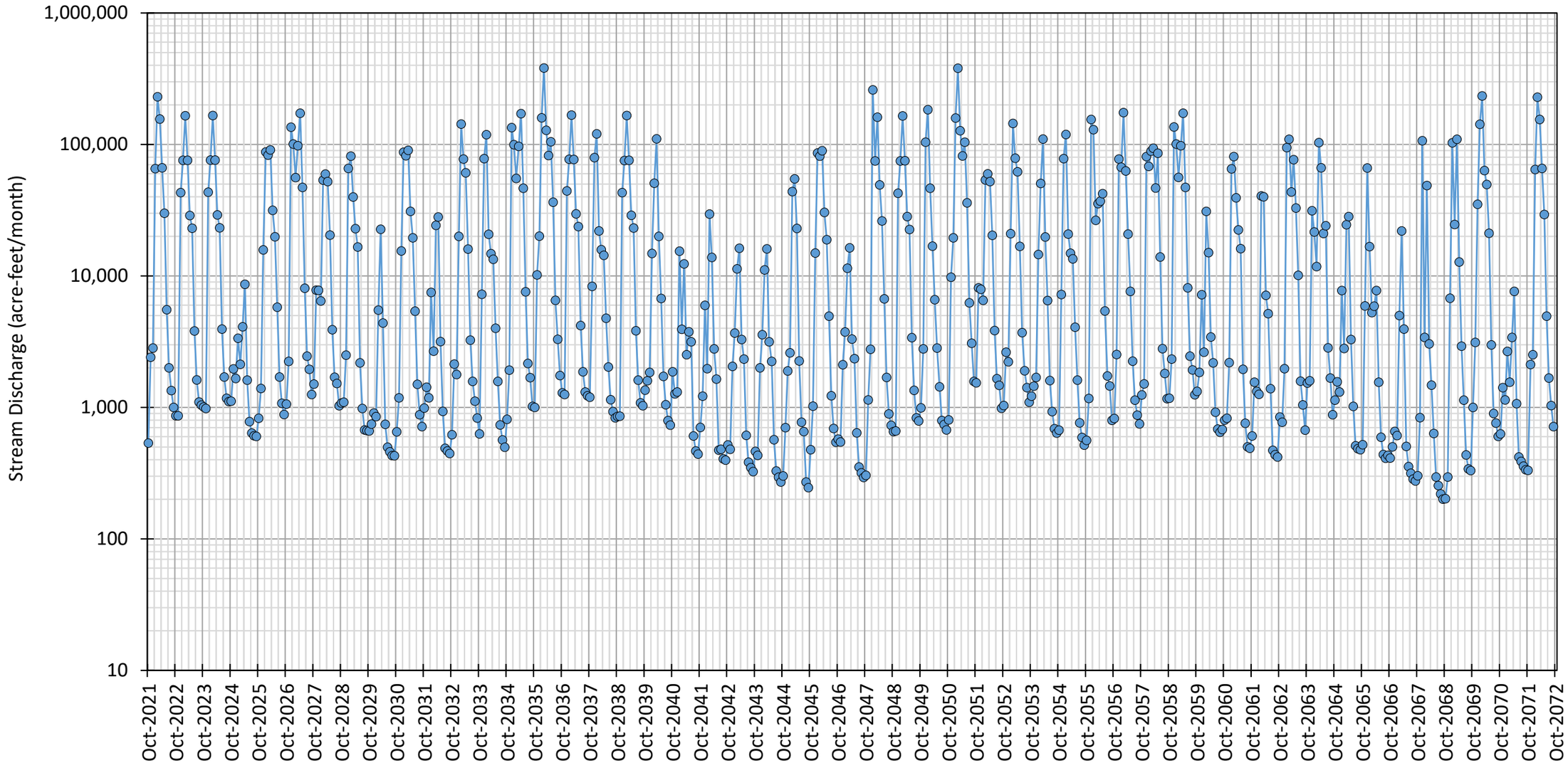
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Thomes Creek to Sacramento River

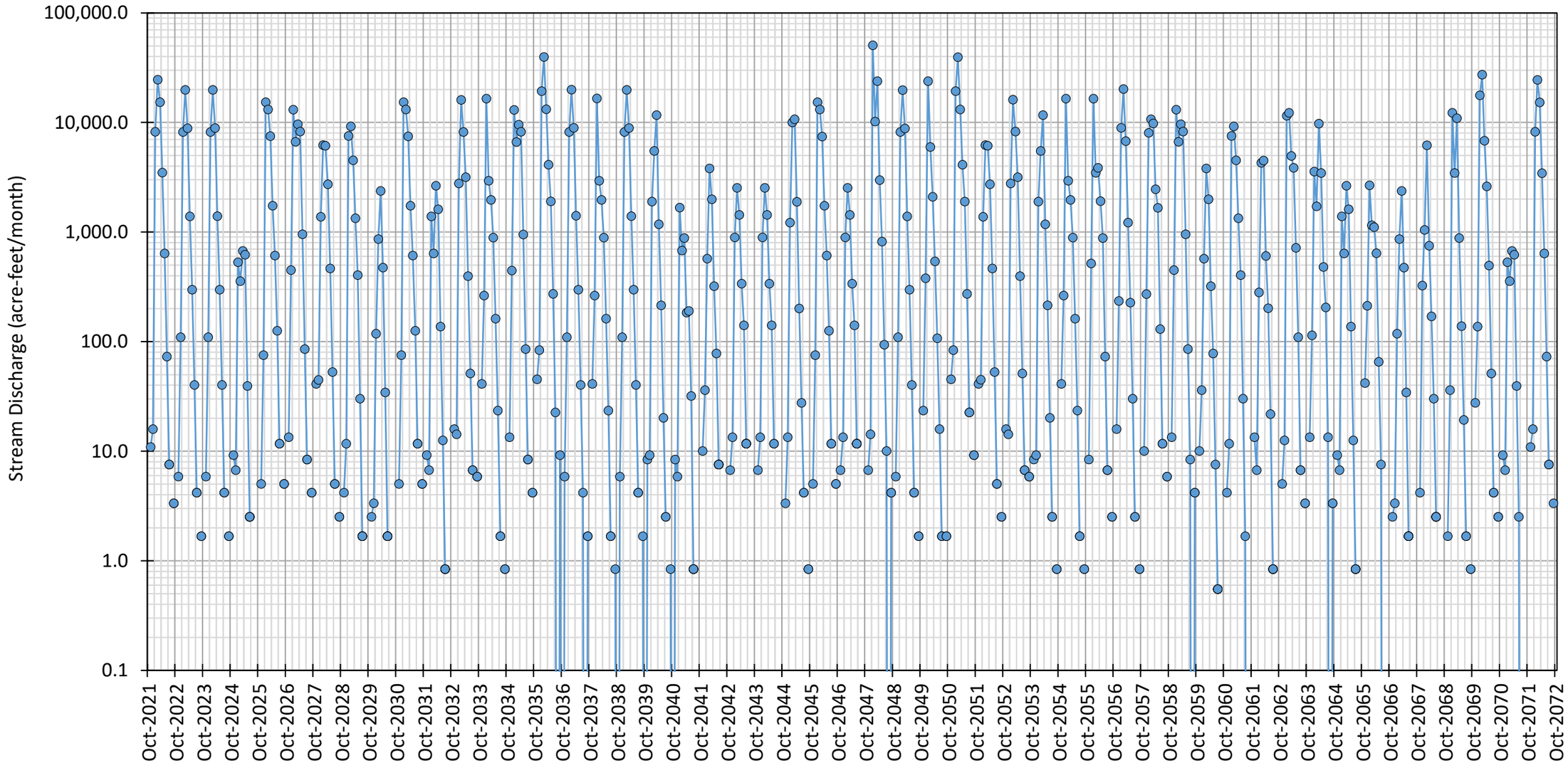
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Red Bank Creek to Sacramento River

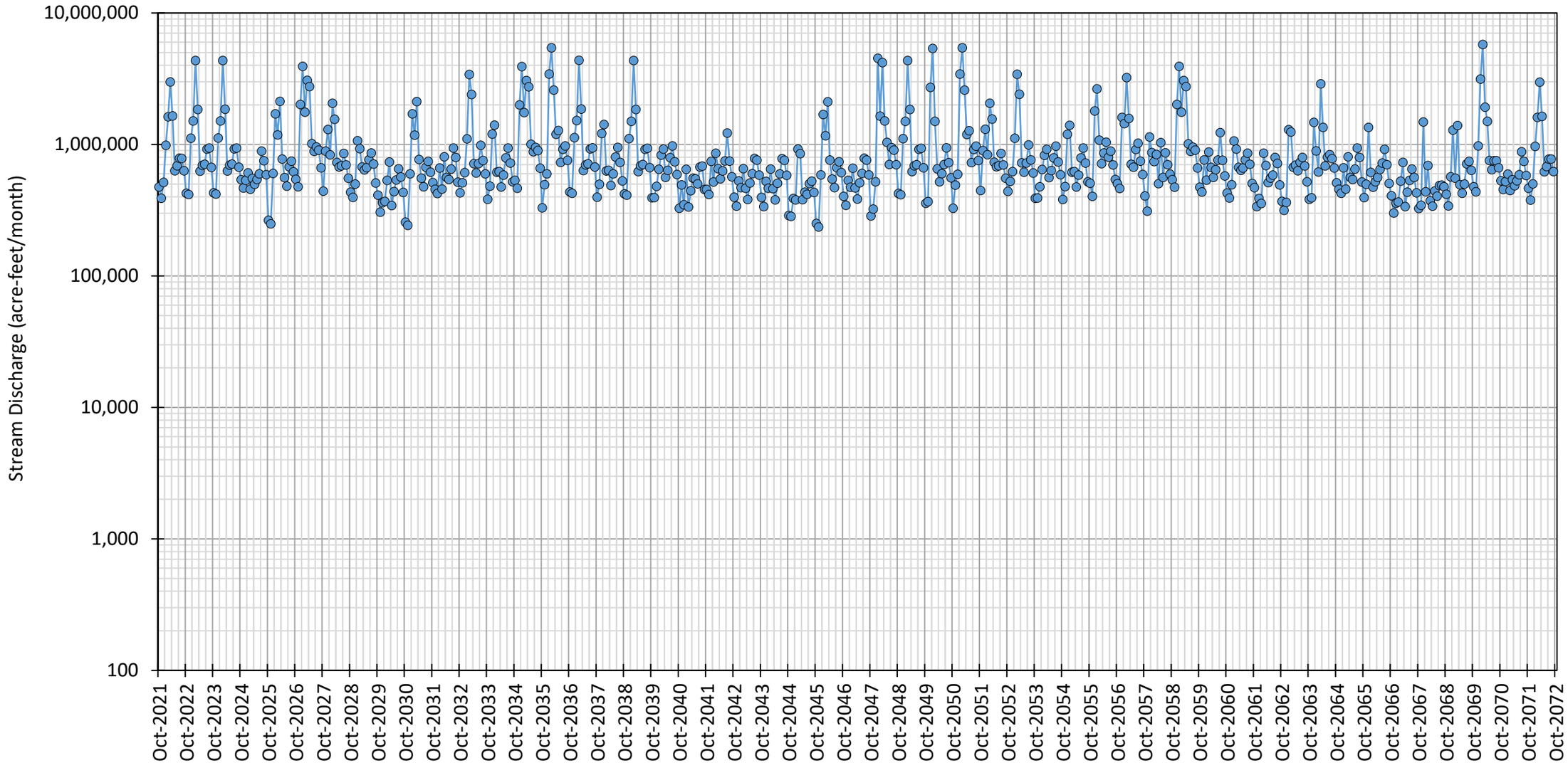
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

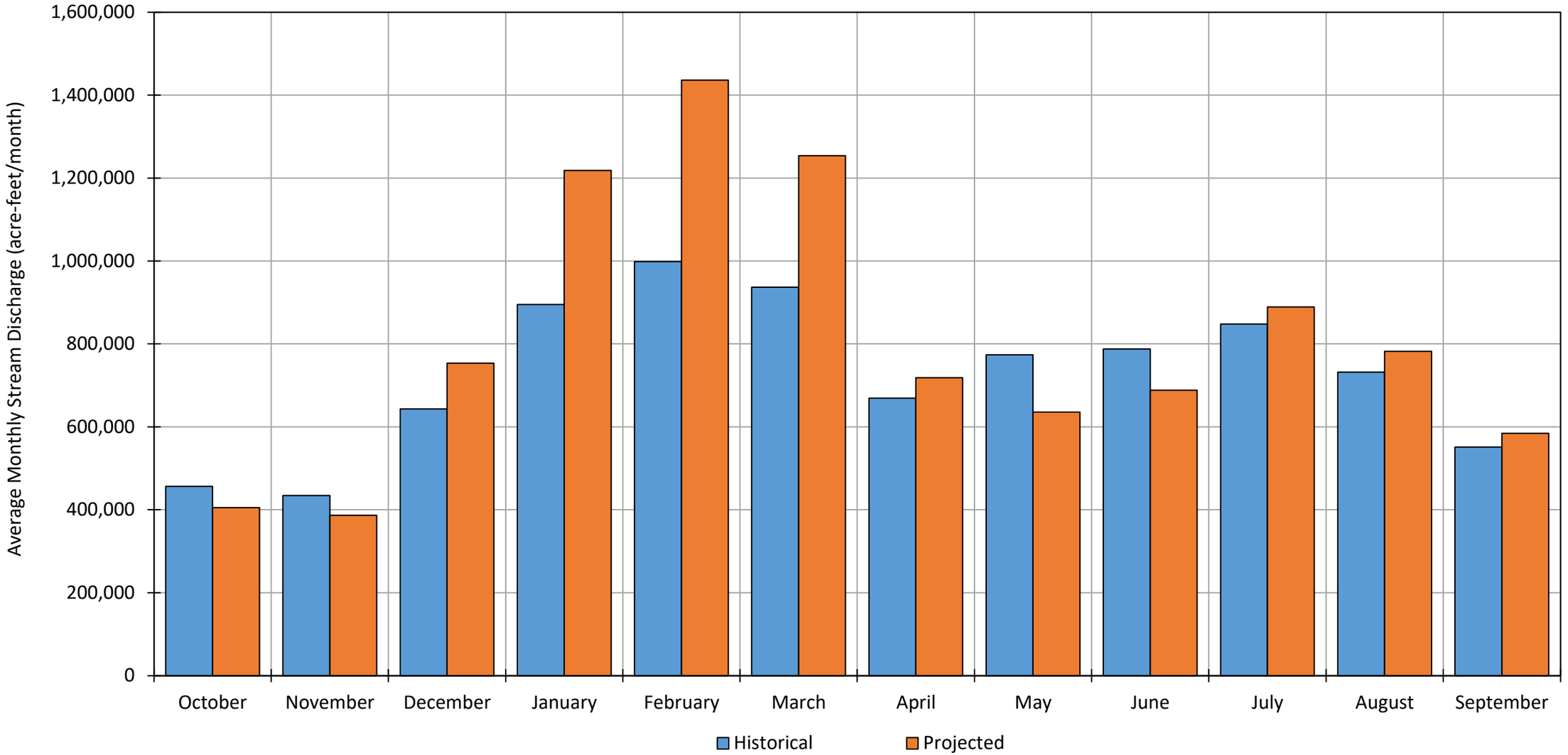
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Inflow from Sacramento River at Antelope Subbasin Boundary

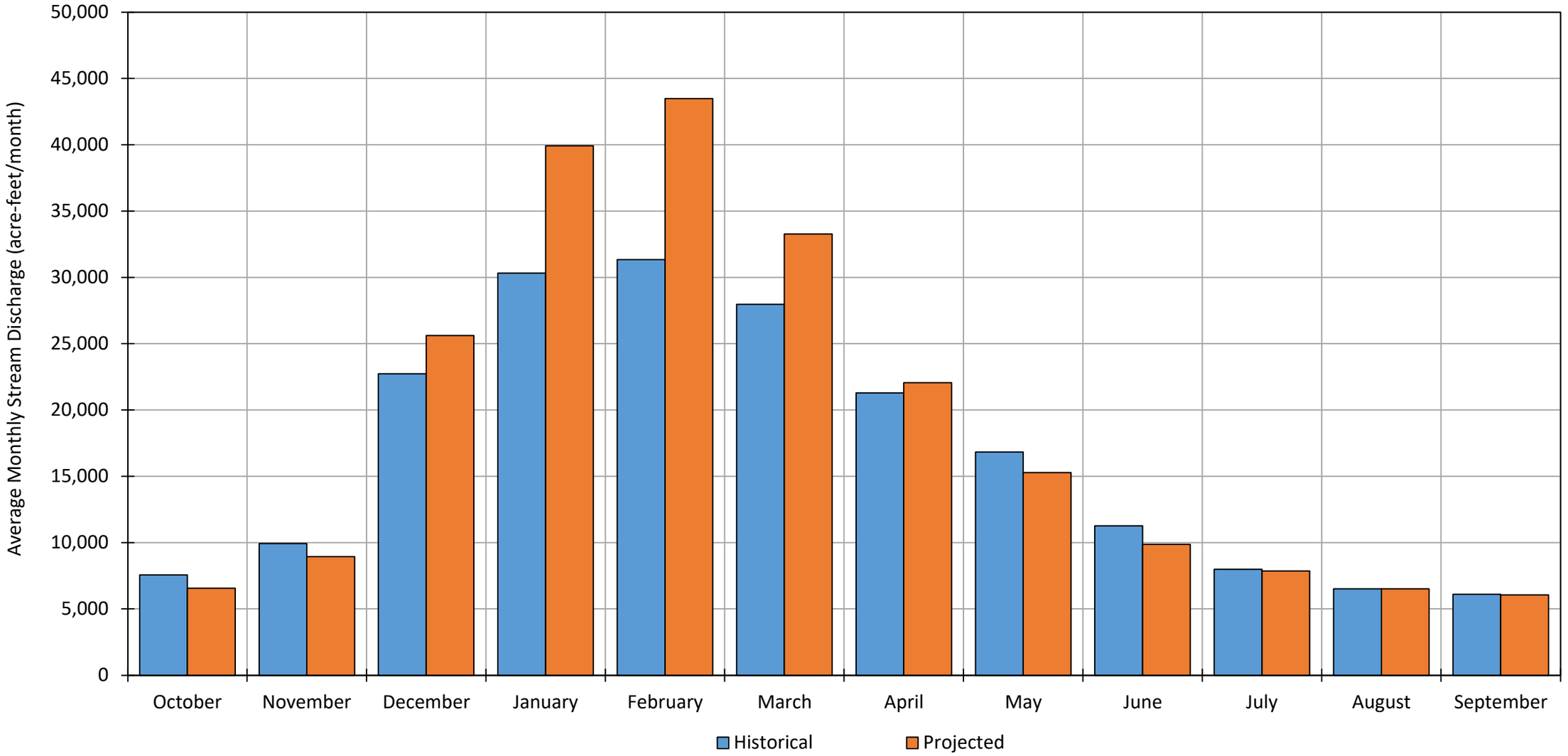
Antelope Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Antelope Creek Group to Sacramento River

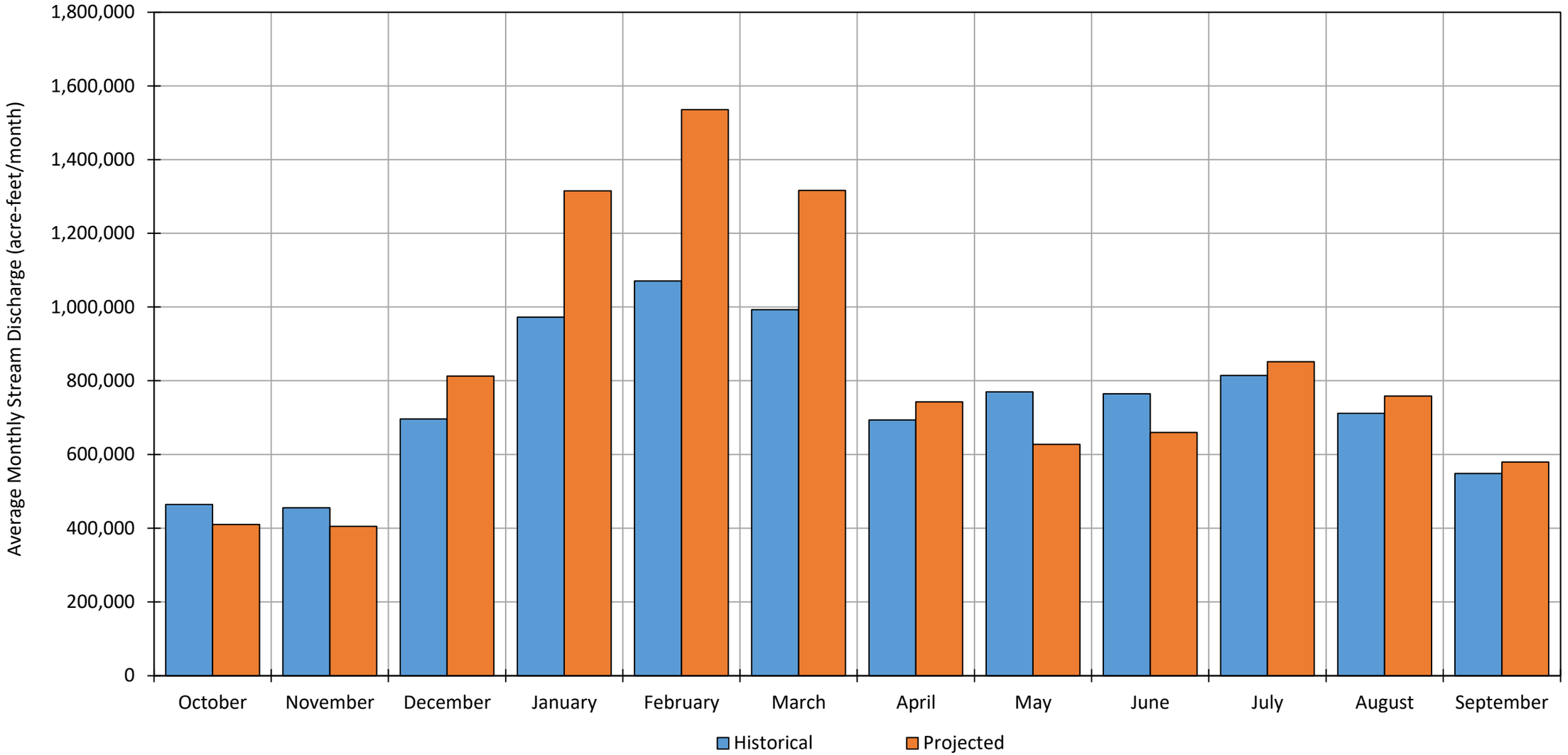
Antelope Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Sacramento River at Antelope Subbasin Boundary

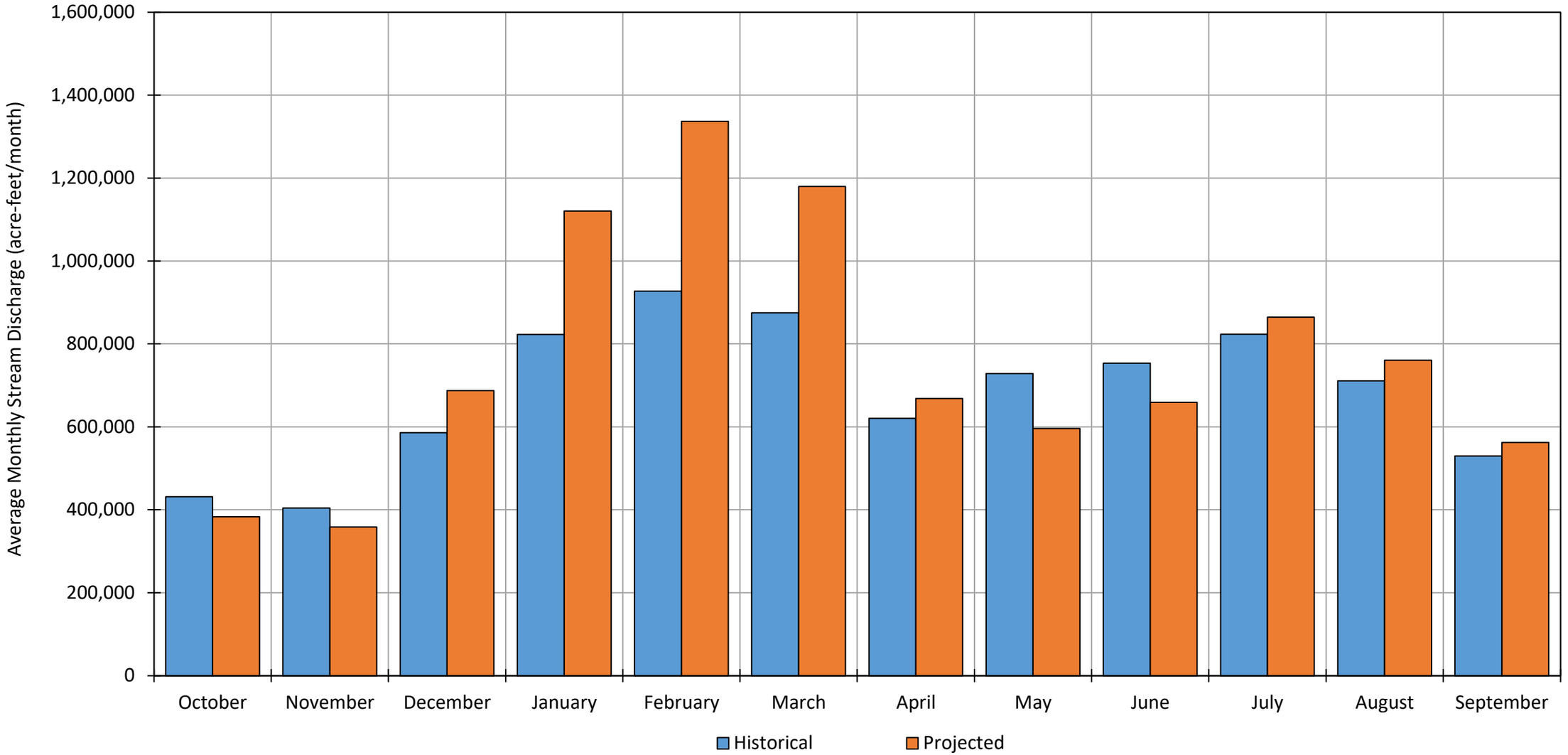
Antelope Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Inflow from Sacramento River at Bowman Subbasin Boundary

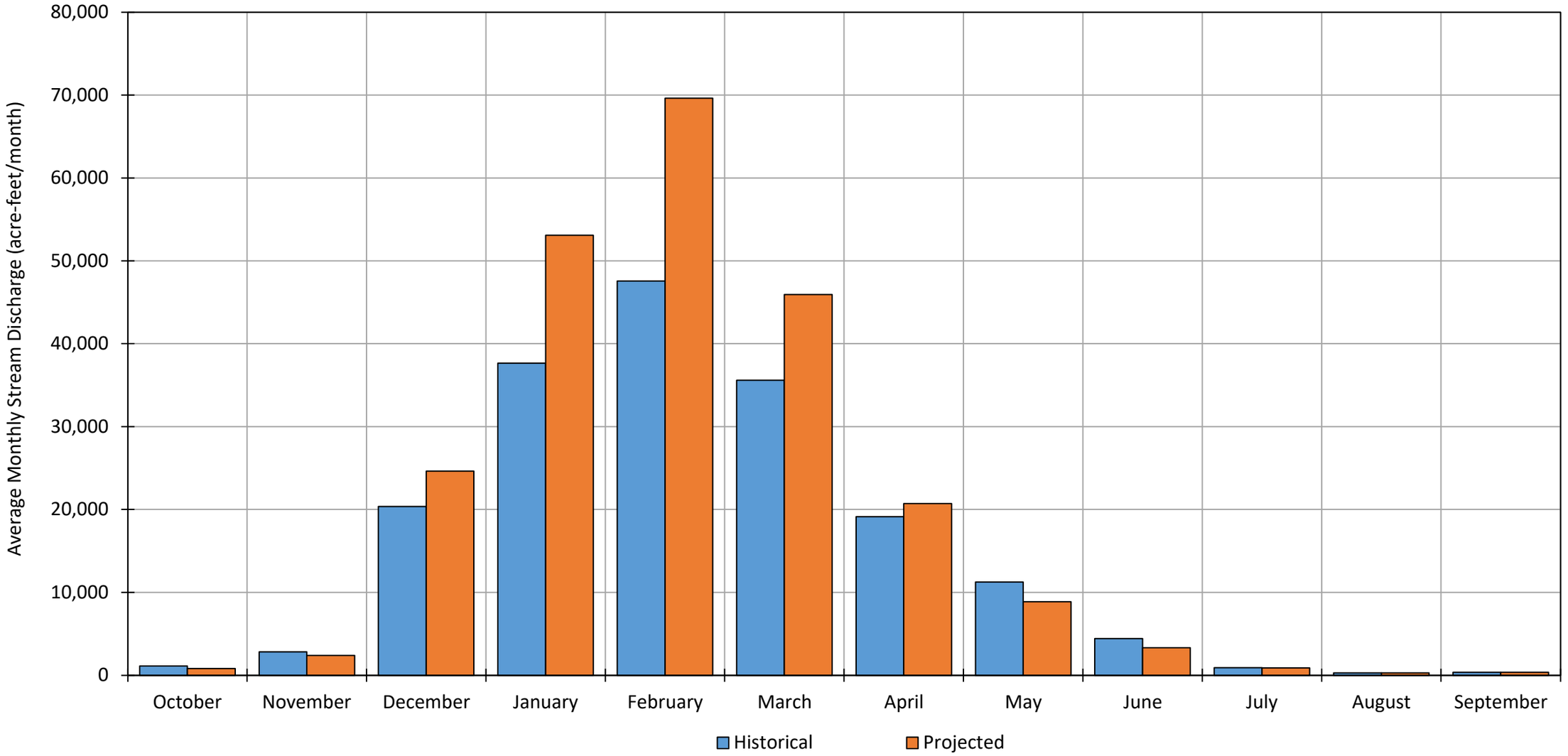
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from MF Cottonwood Creek to Cottonwood Creek

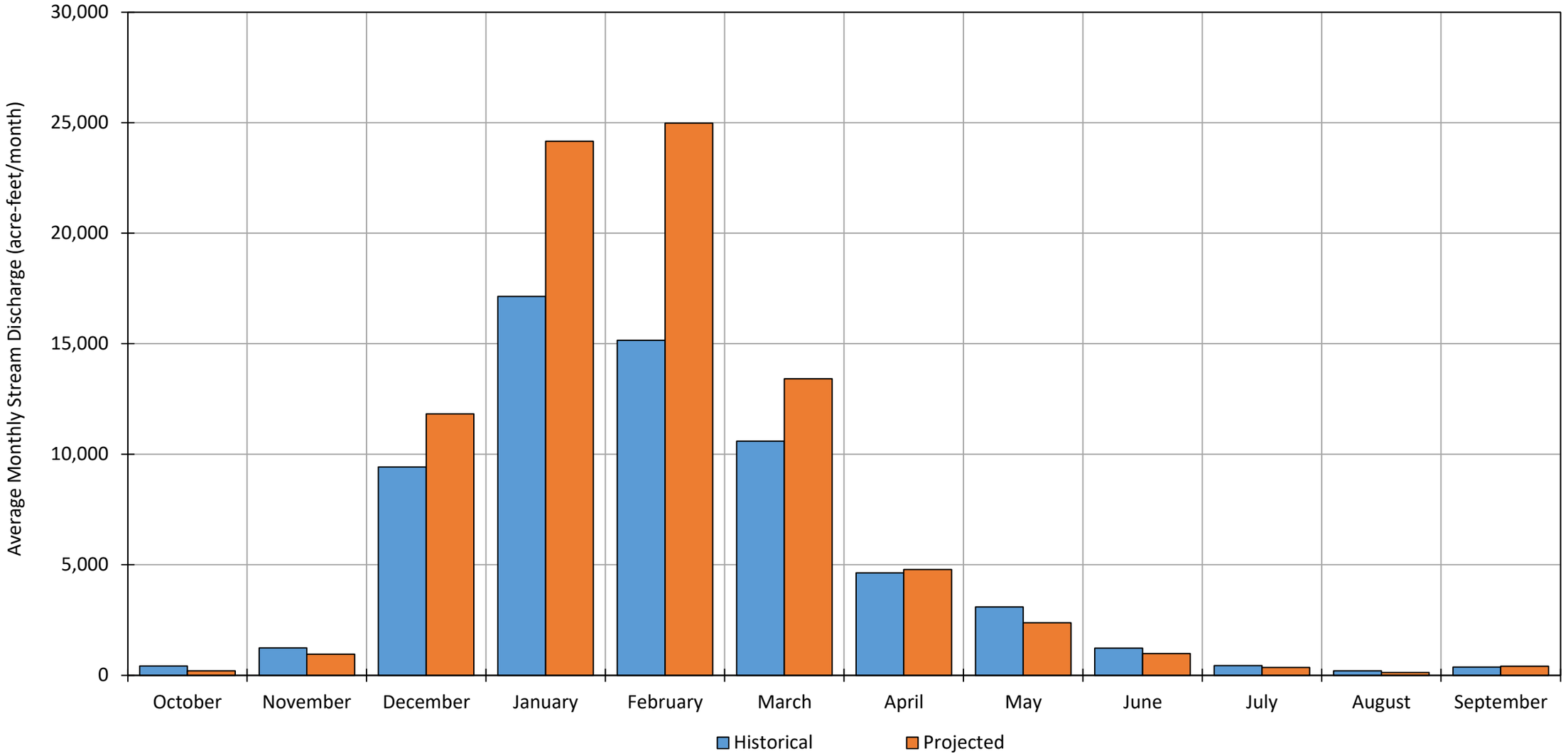
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from SF Cottonwood Creek to Cottonwood Creek

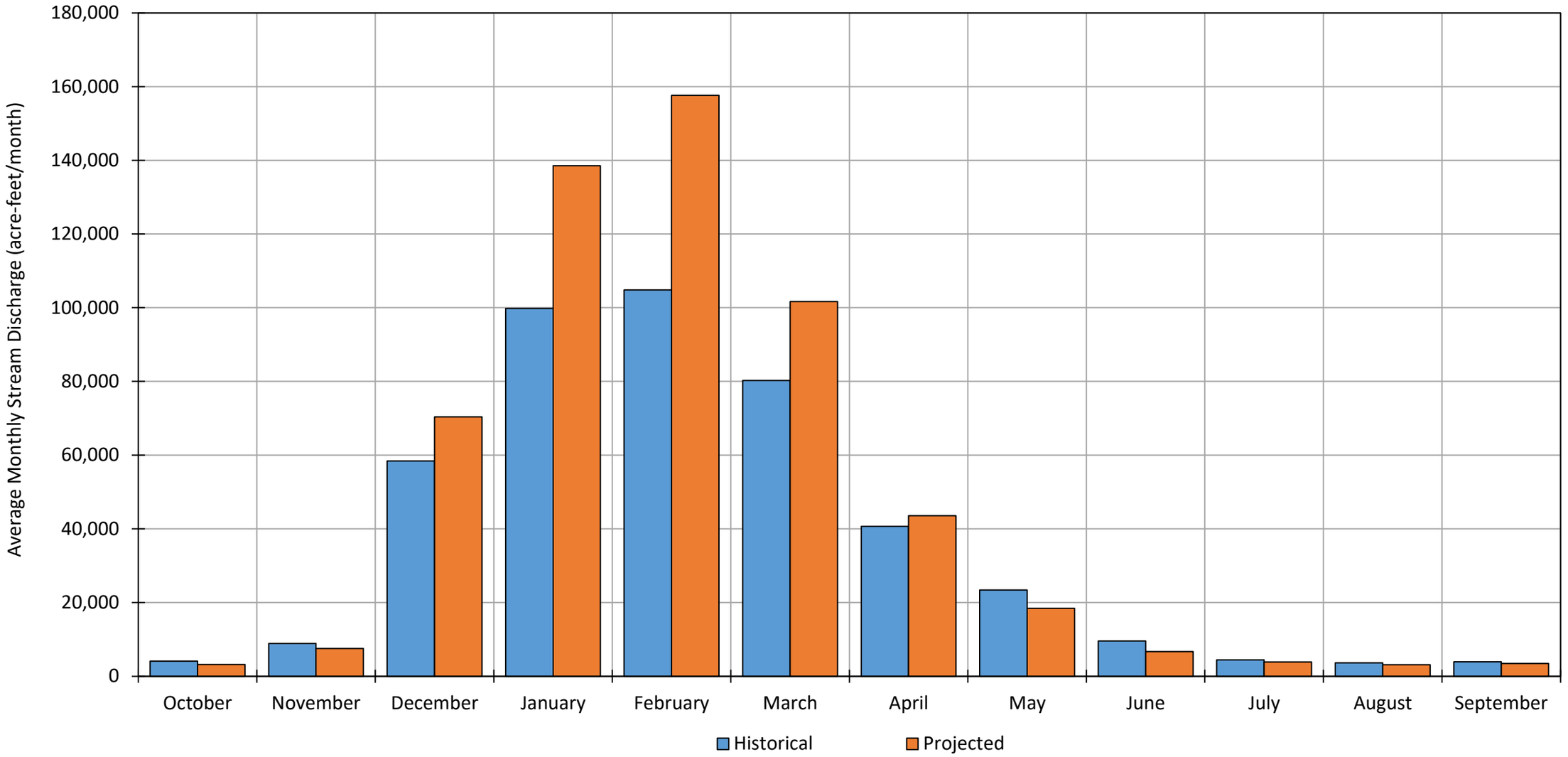
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Cottonwood Creek to Sacramento River

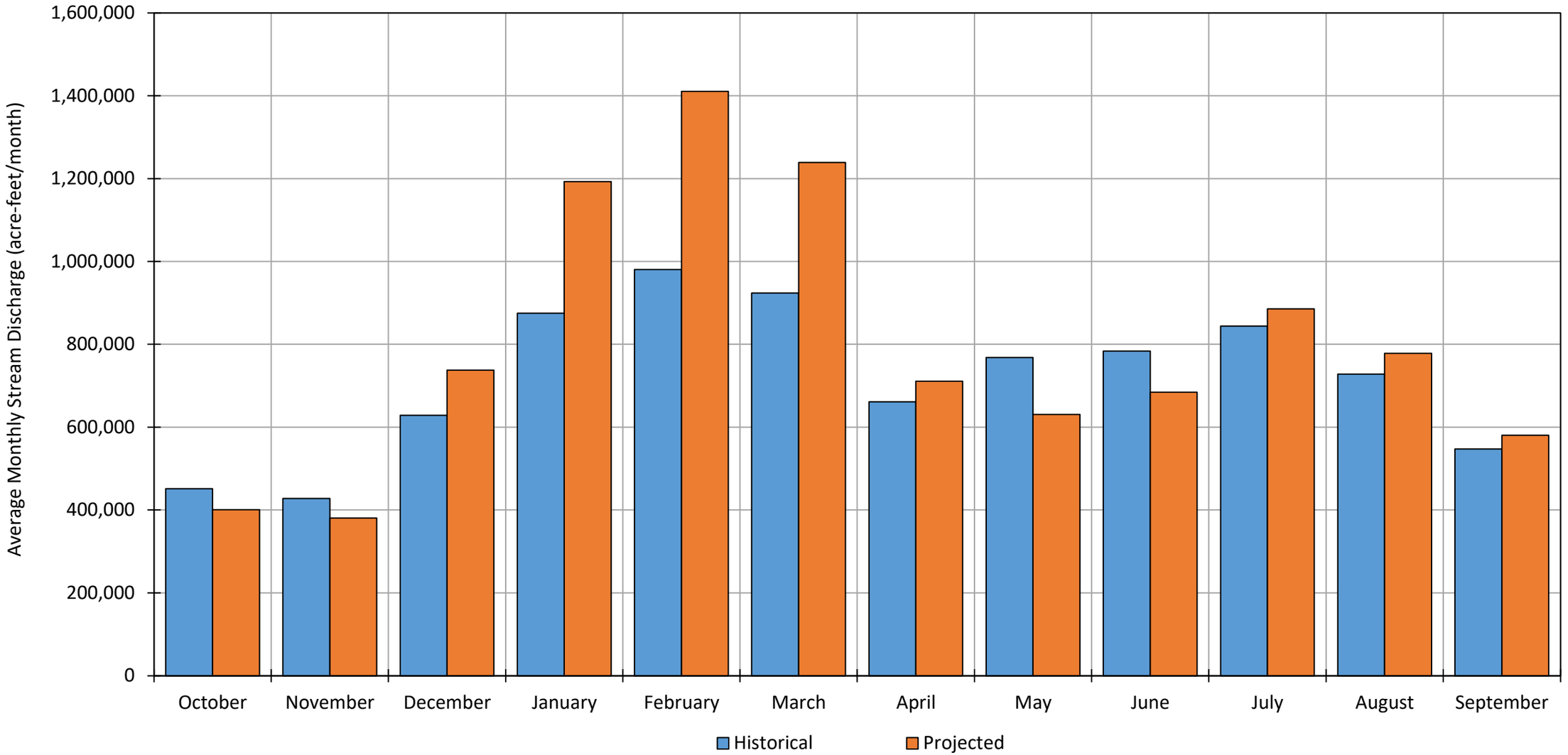
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Sacramento River at Bowman Subbasin Boundary

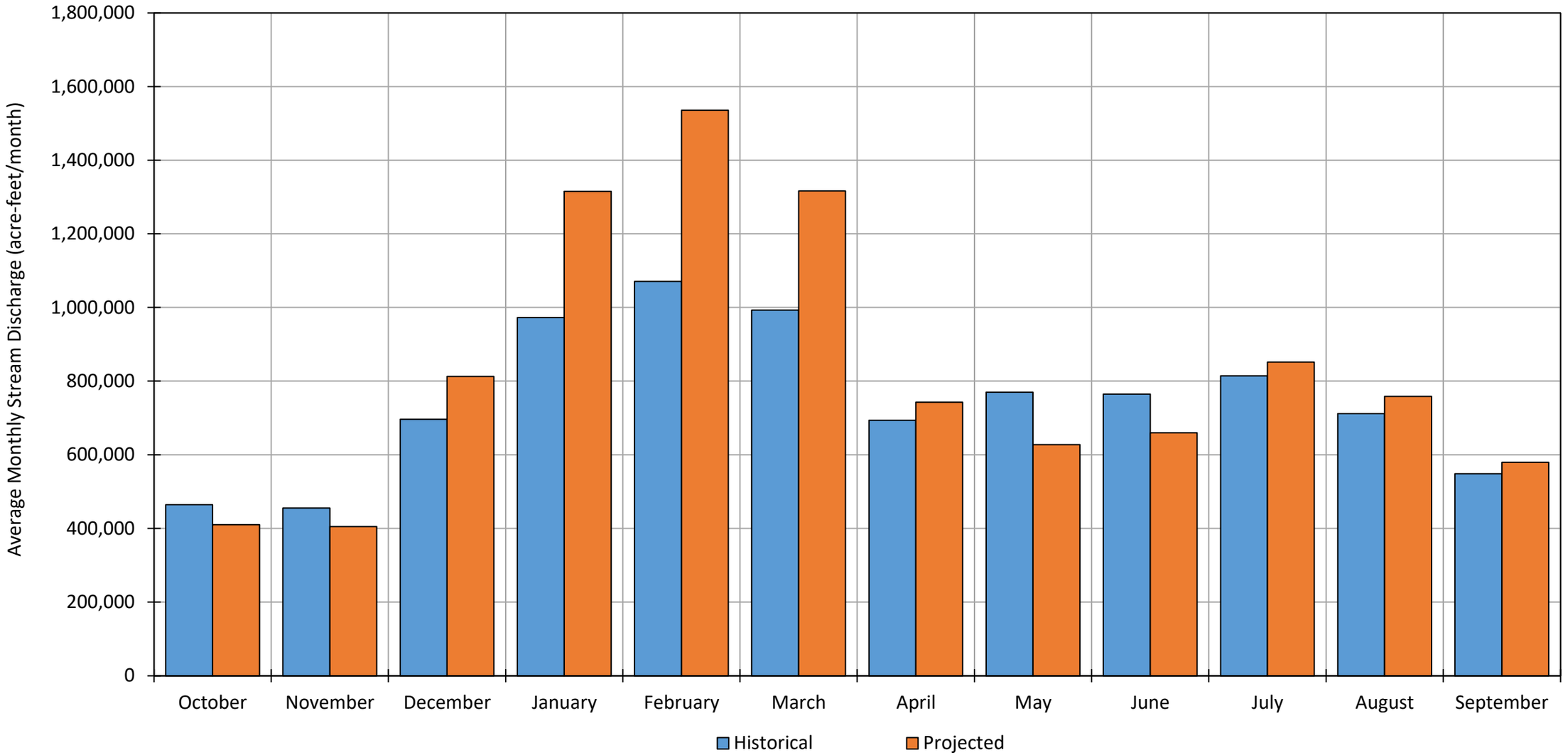
Bowman Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

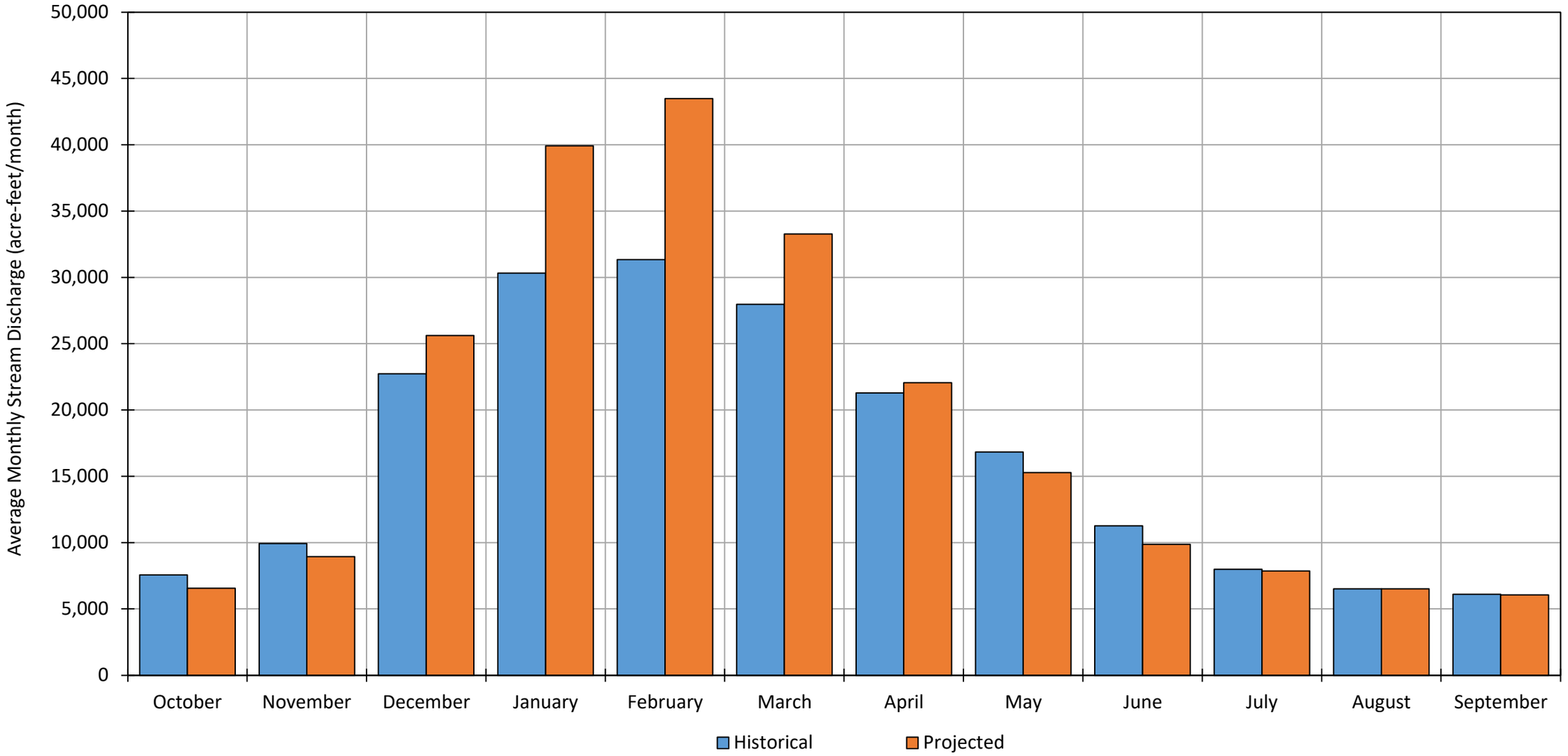
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Antelope Creek Group to Sacramento River

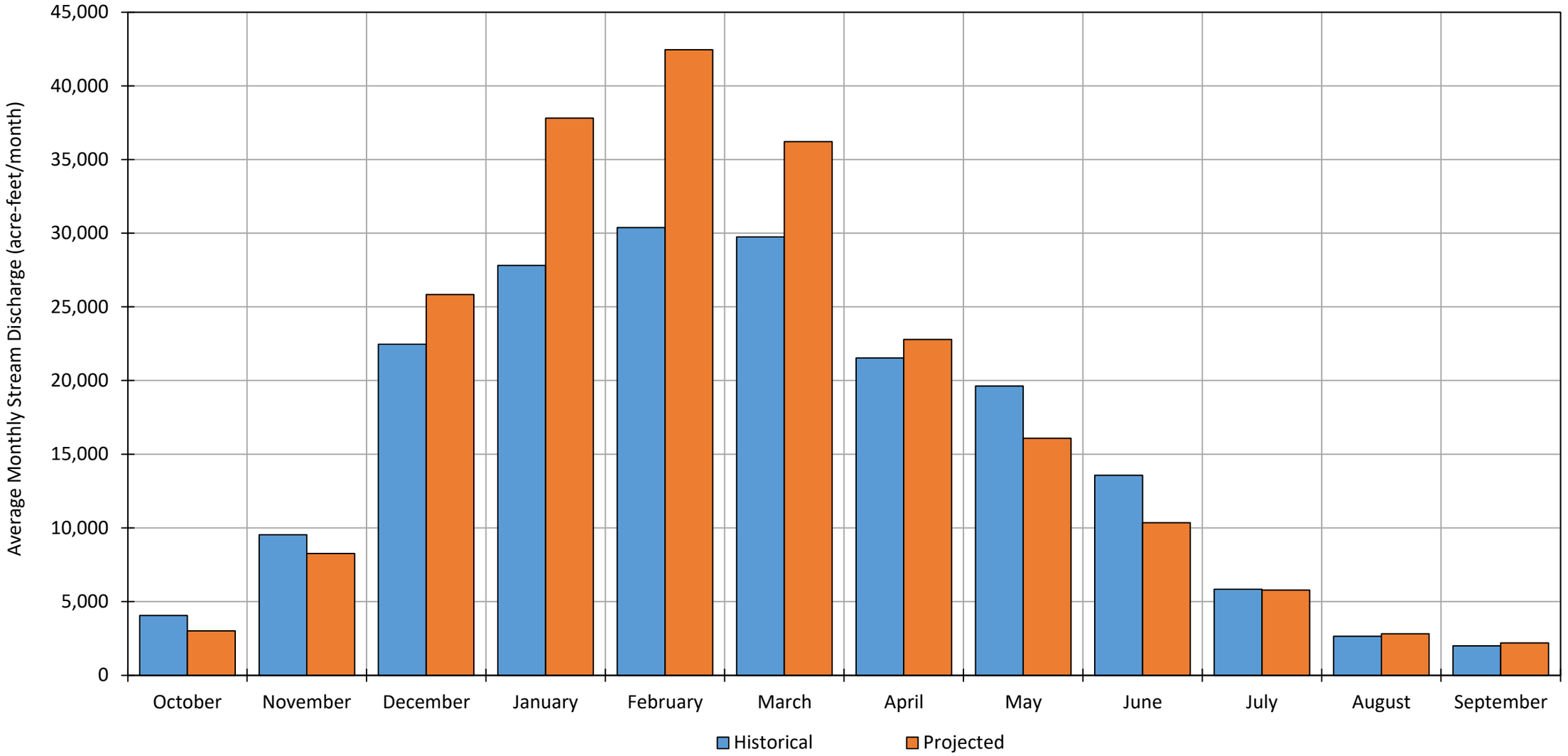
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Mill Creek to Sacramento River

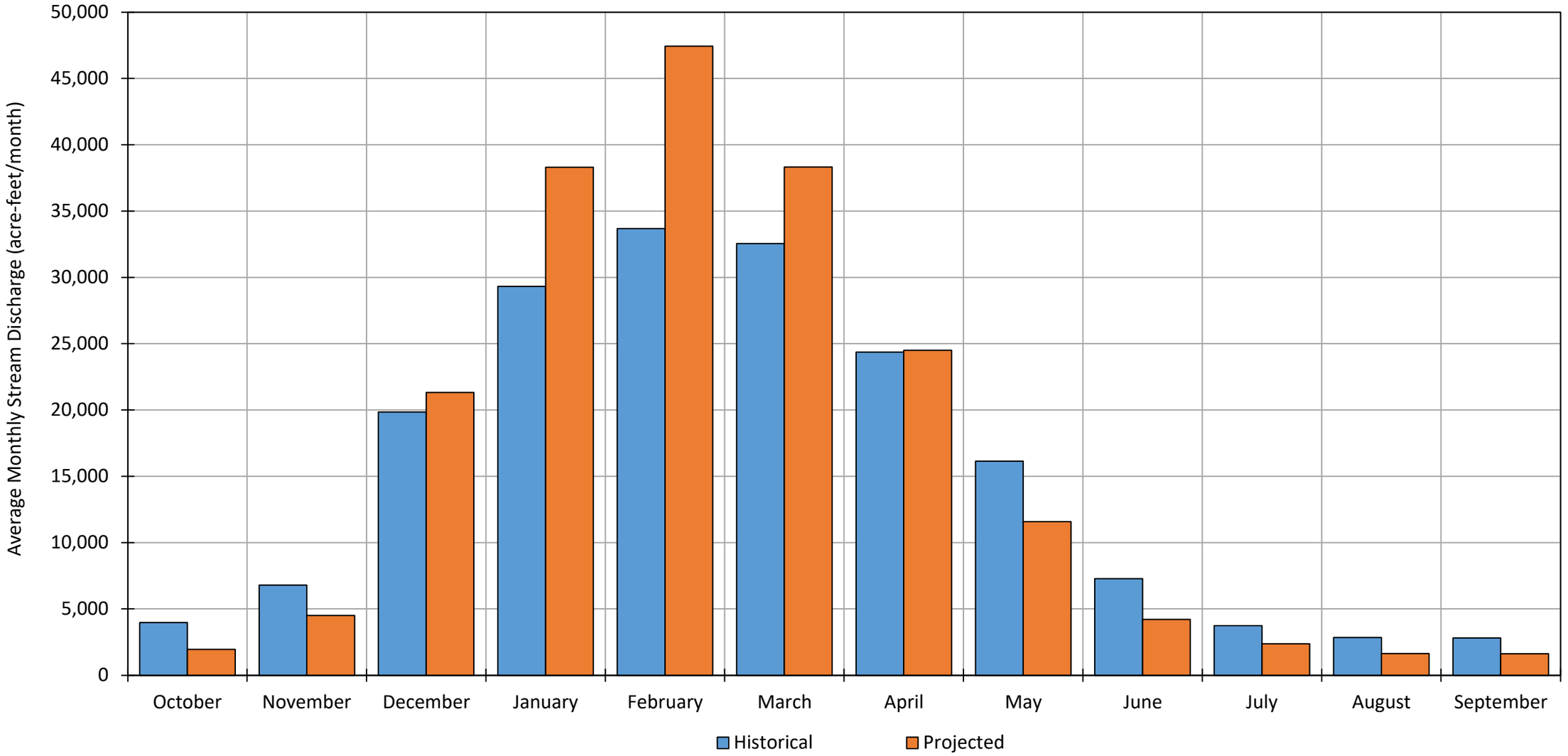
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Deer Creek Group to Sacramento River

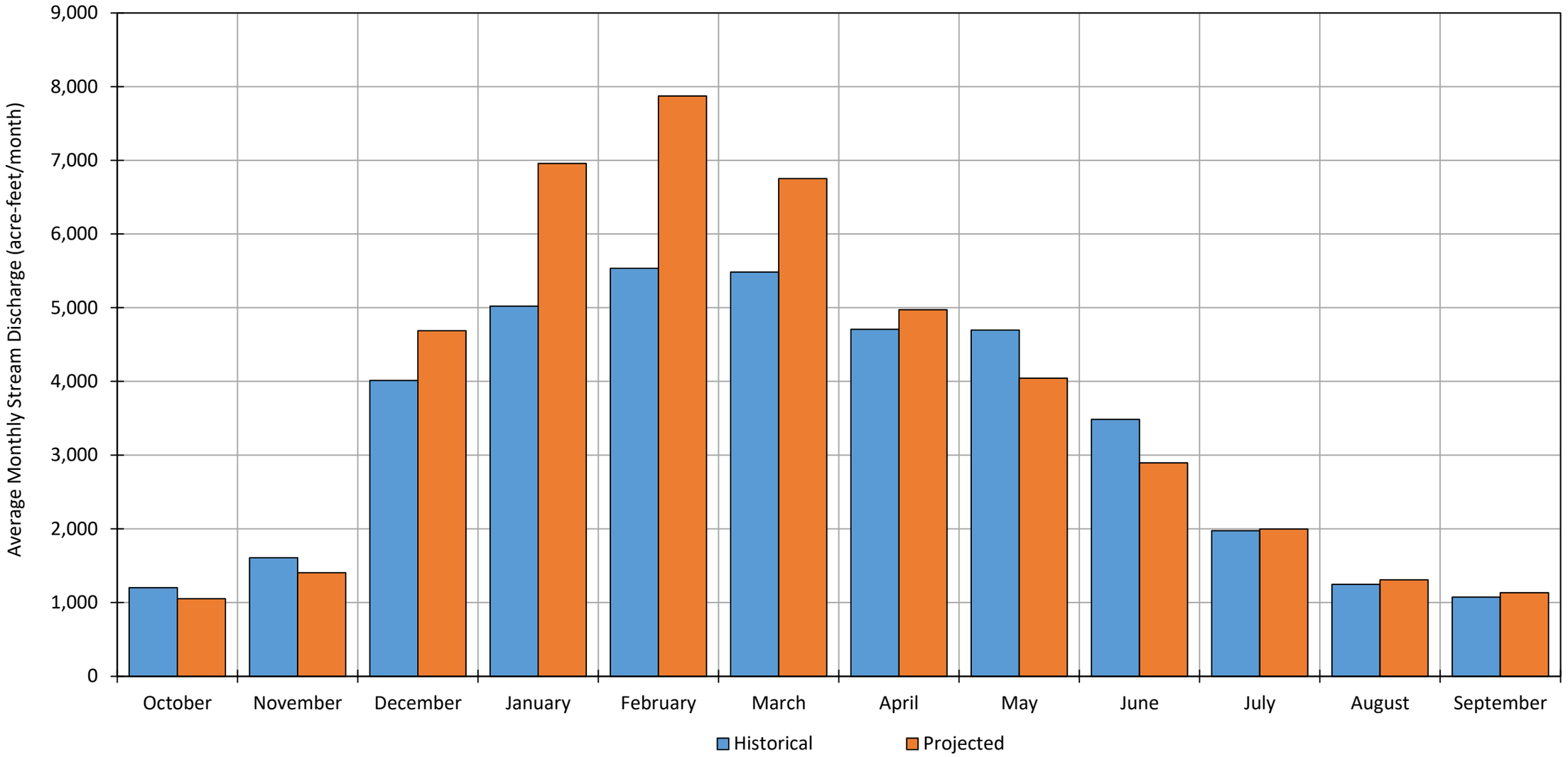
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Dye Creek to Sacramento River

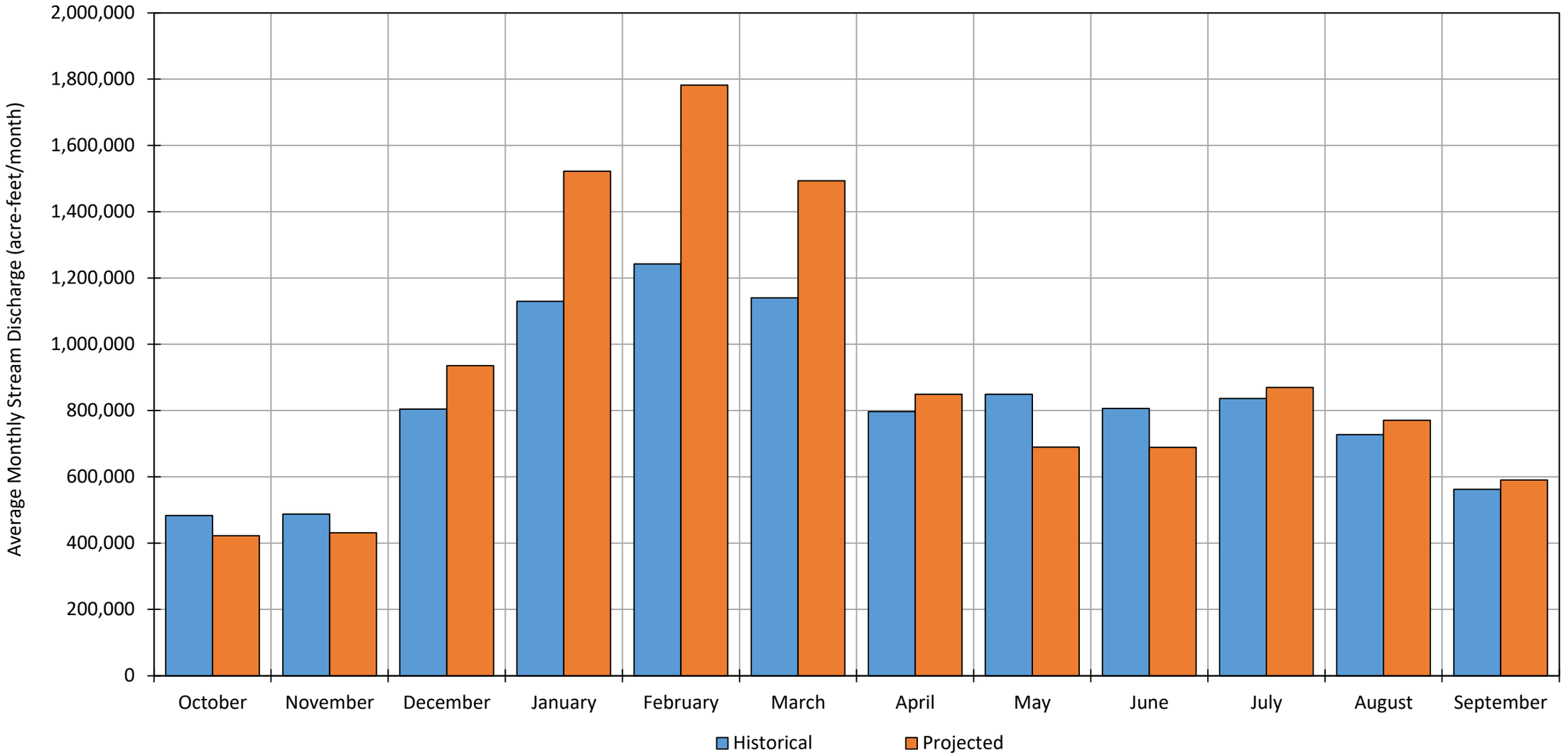
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Sacramento River at Los Molinos Subbasin Boundary

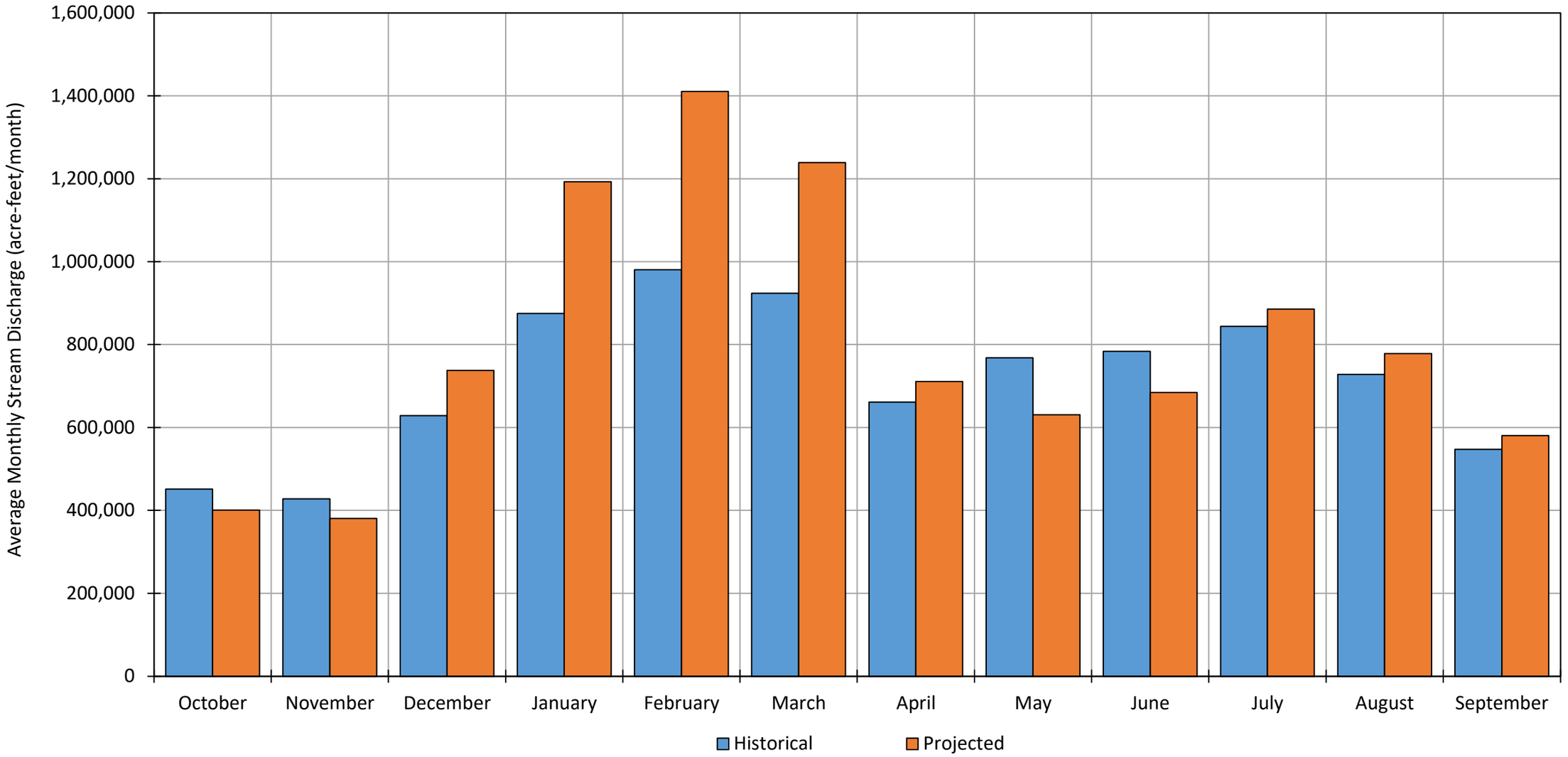
Los Molinos Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Inflow from Sacramento River at Red Bluff Subbasin Boundary

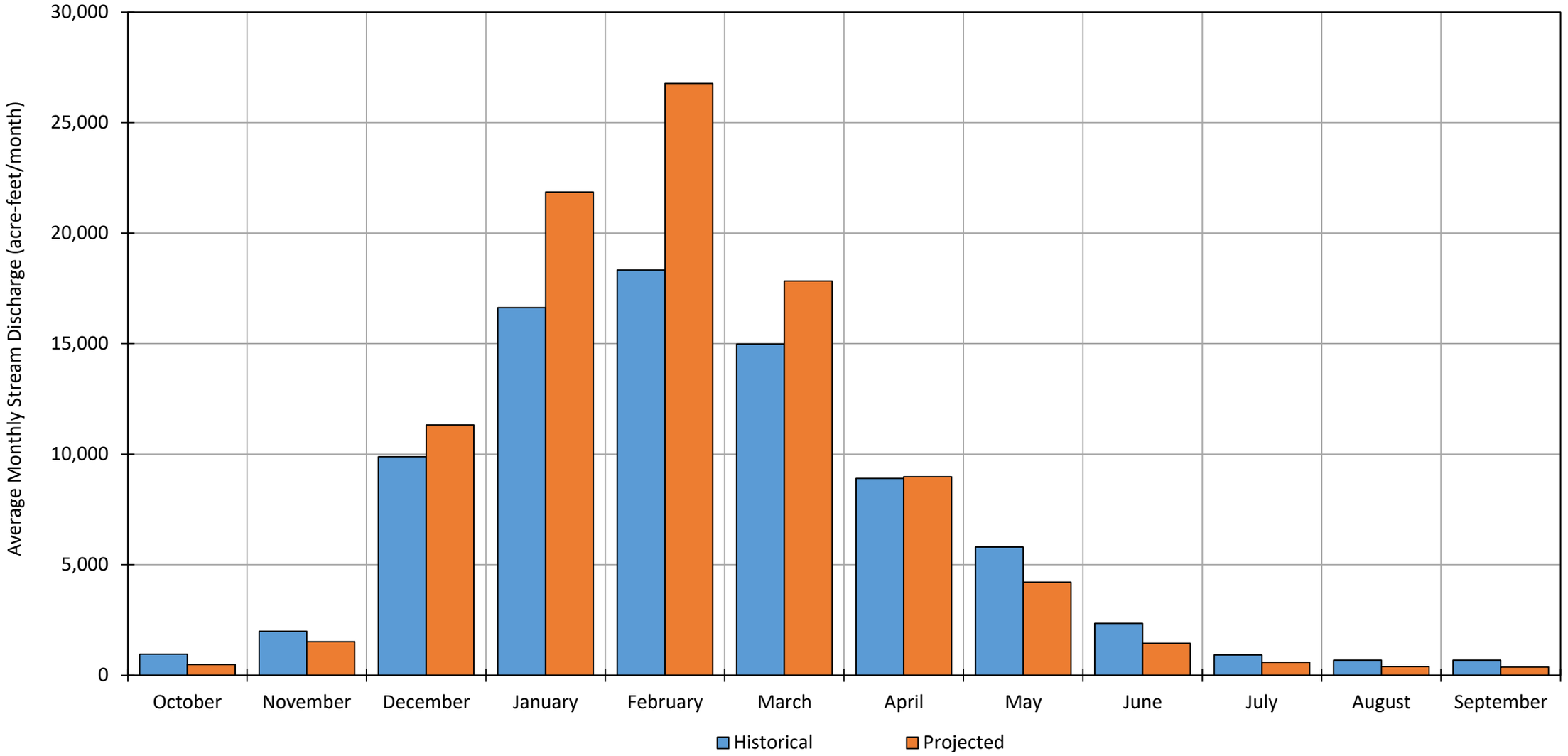
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Elder Creek to Sacramento River

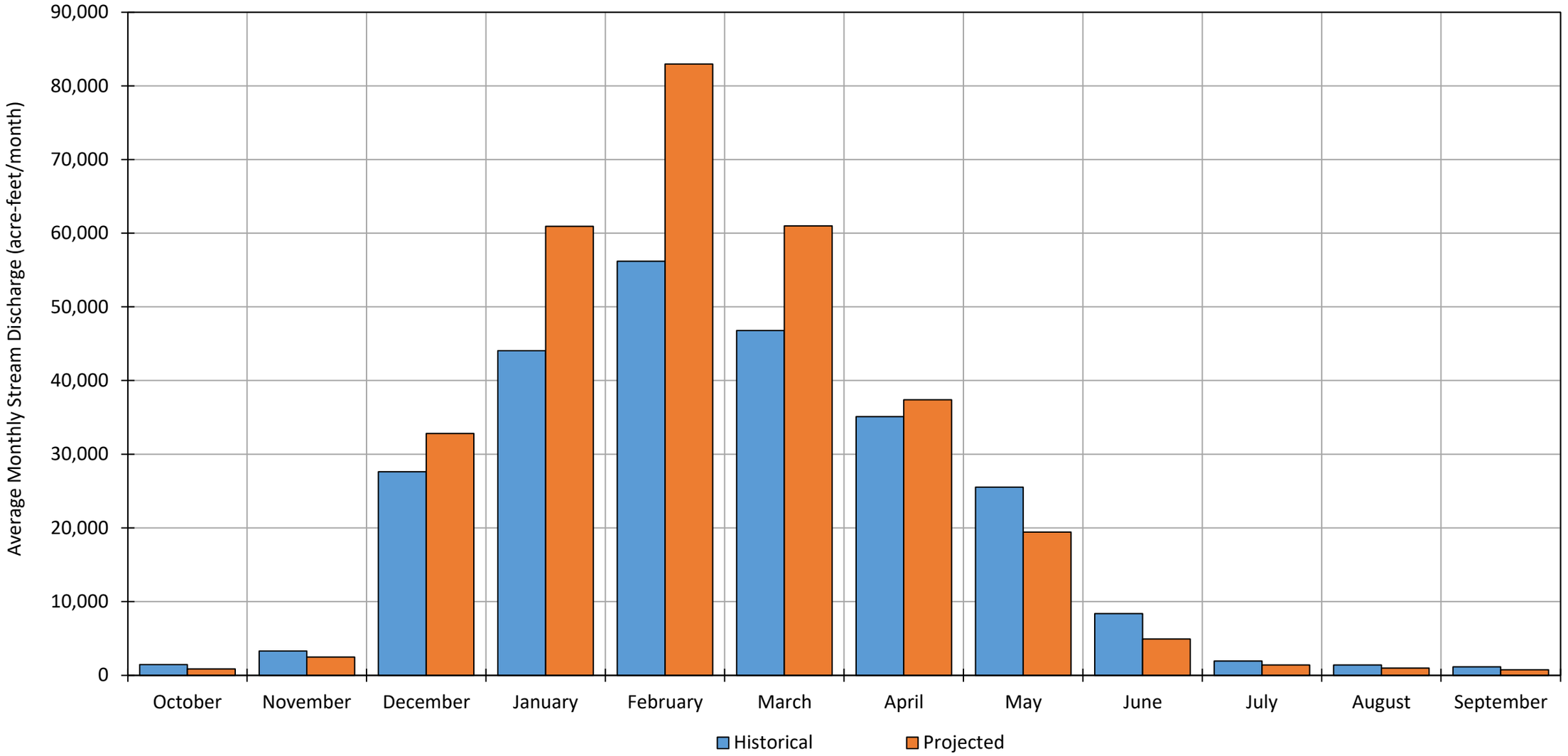
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Thomes Creek to Sacramento River

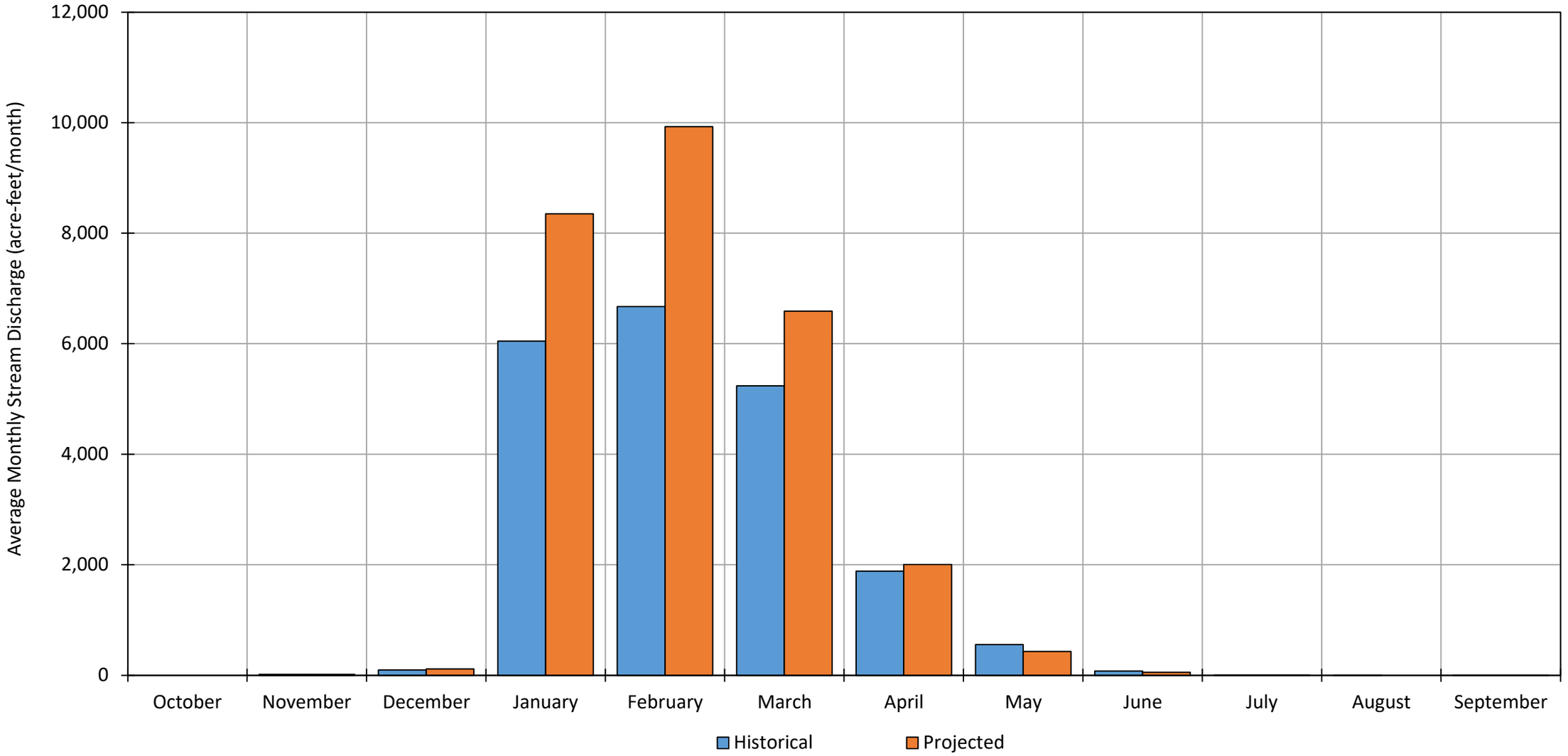
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Red Bank Creek to Sacramento River

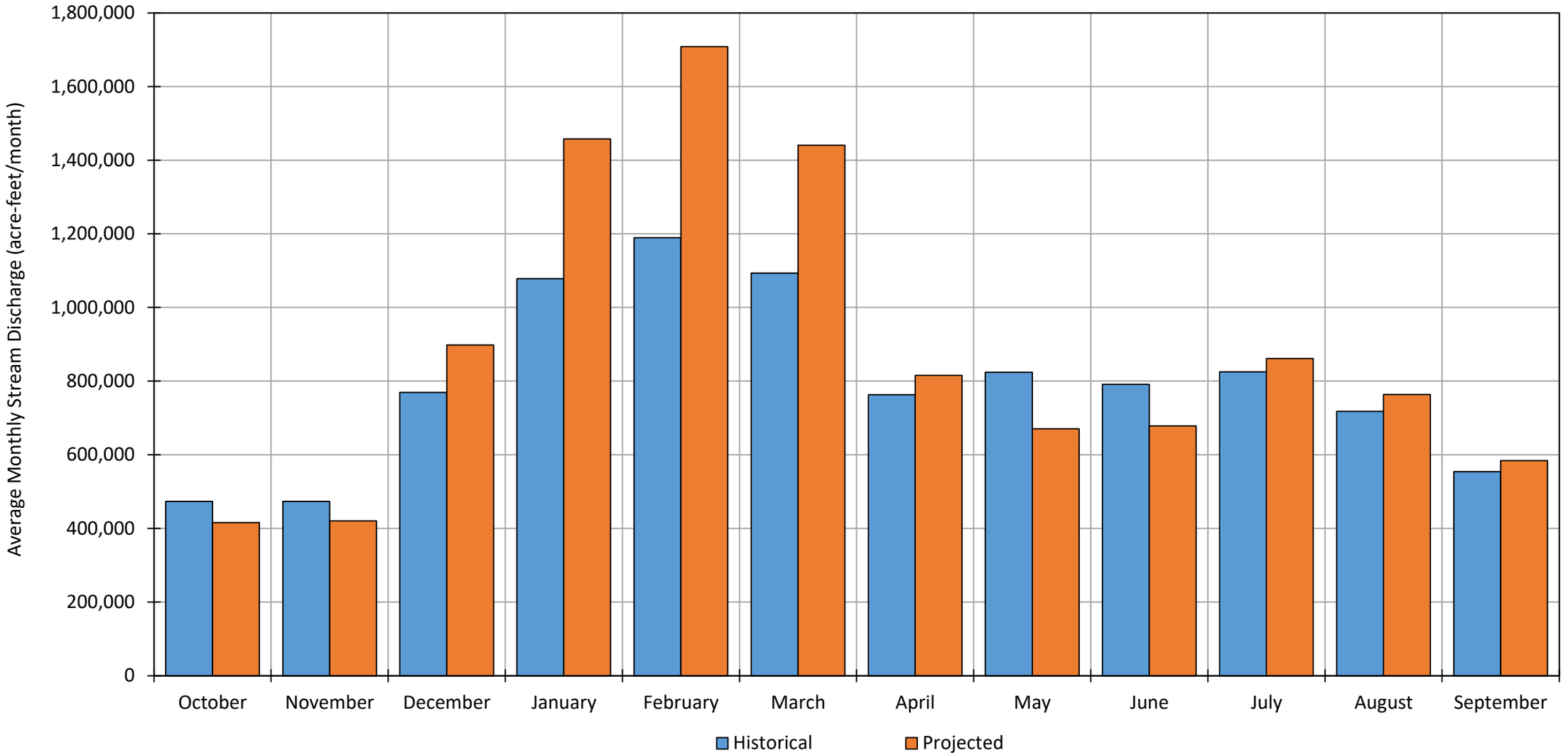
Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

Red Bluff Subbasin



Tehama IHM - Projected (Current Land Use) with Climate Change (2070)

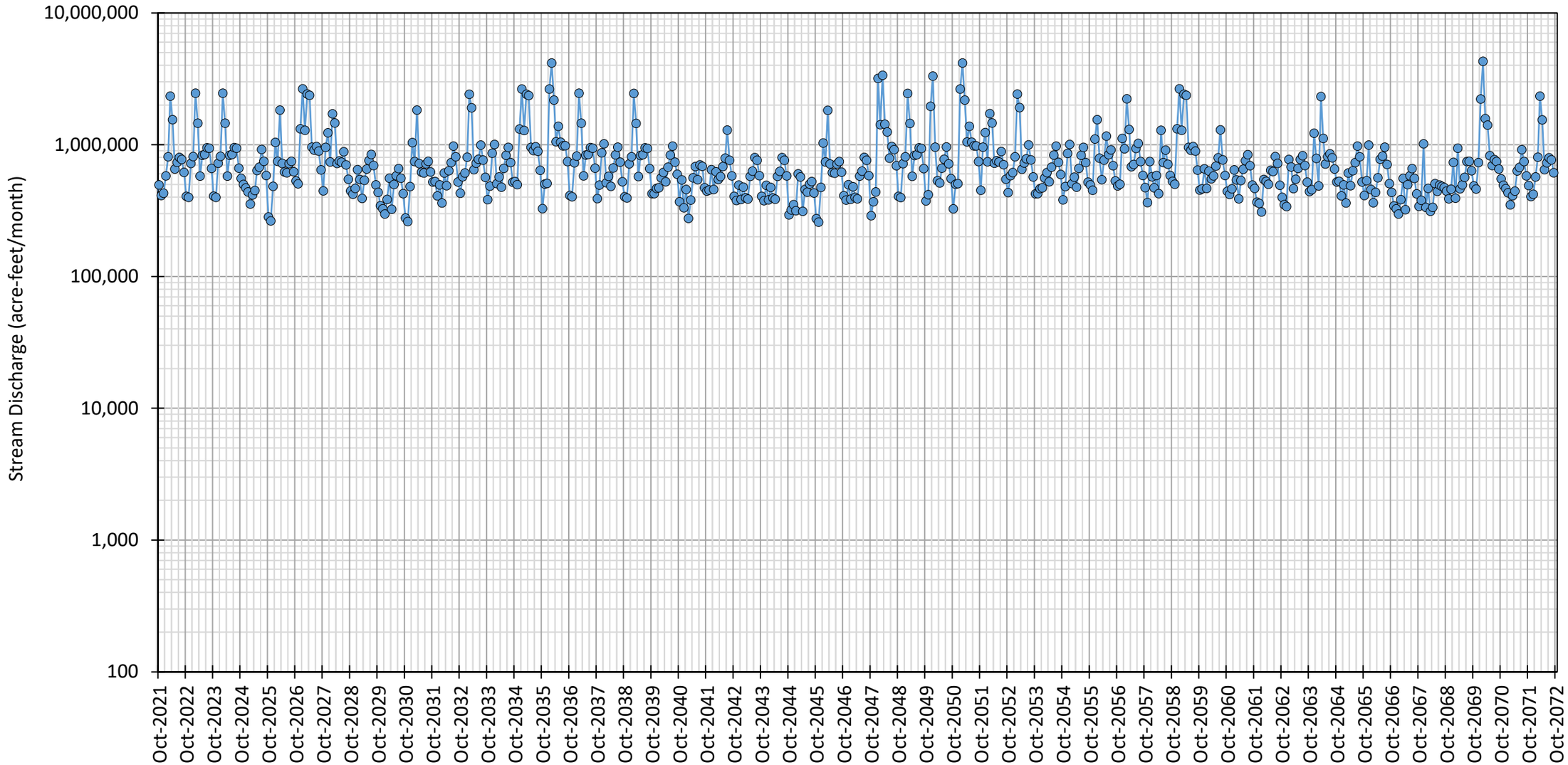
APPENDIX G-6

Tehama IHM Simulated Streamflows:

Projected (Future Land Use) with Climate Change (2030) Model Results

Inflow from Sacramento River at Antelope Subbasin Boundary

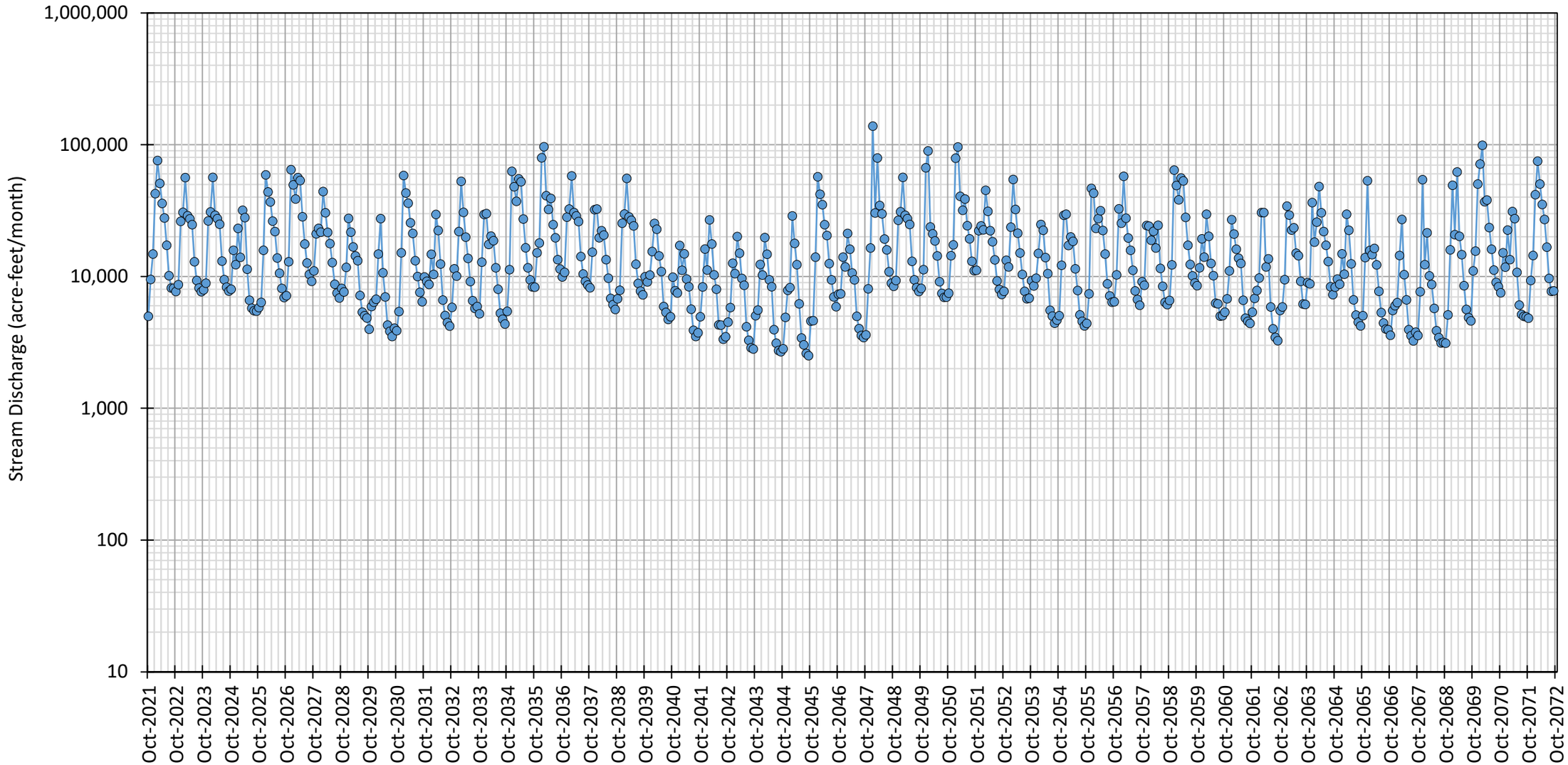
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Antelope Creek Group to Sacramento River

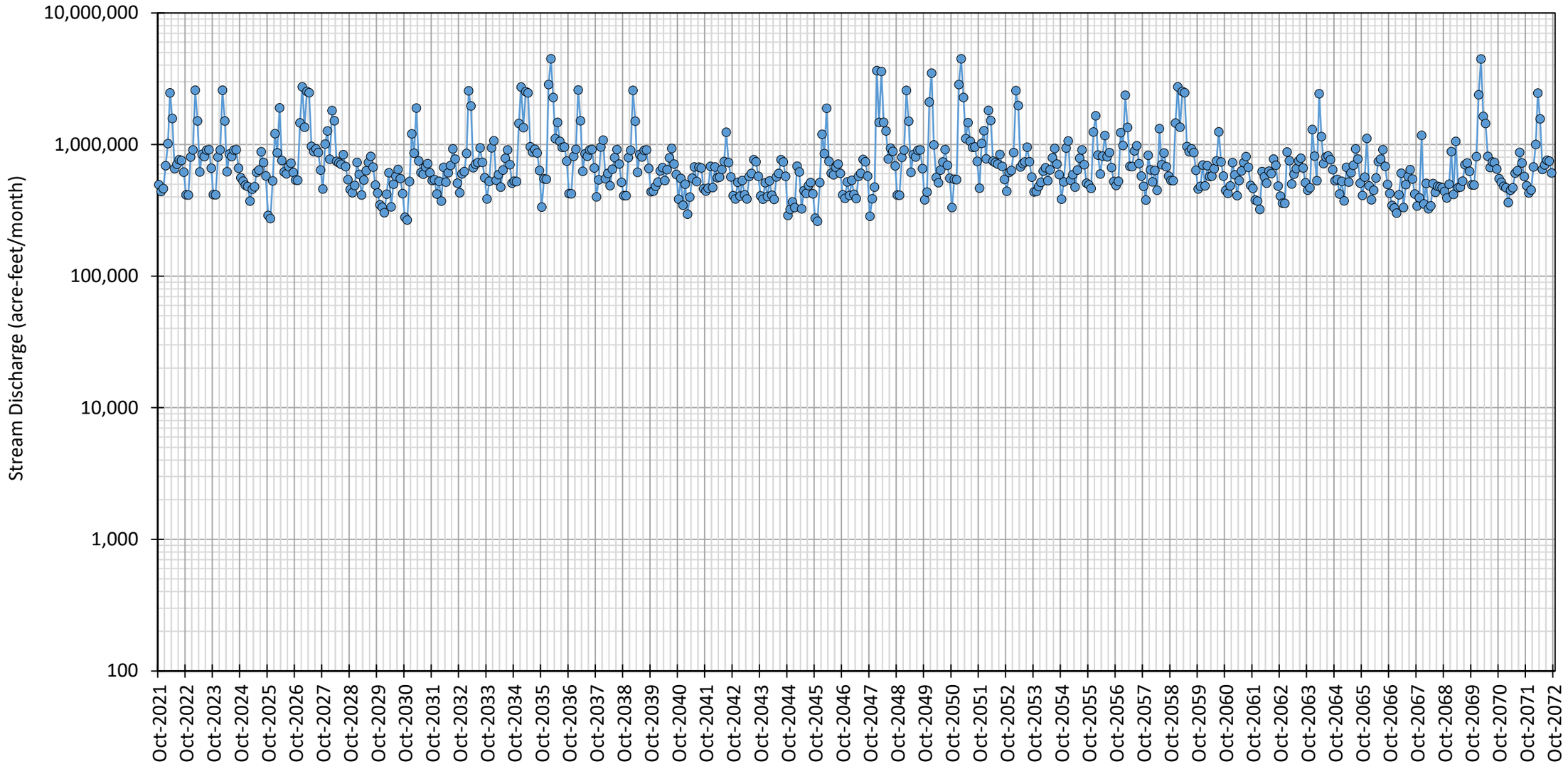
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Sacramento River at Antelope Subbasin Boundary

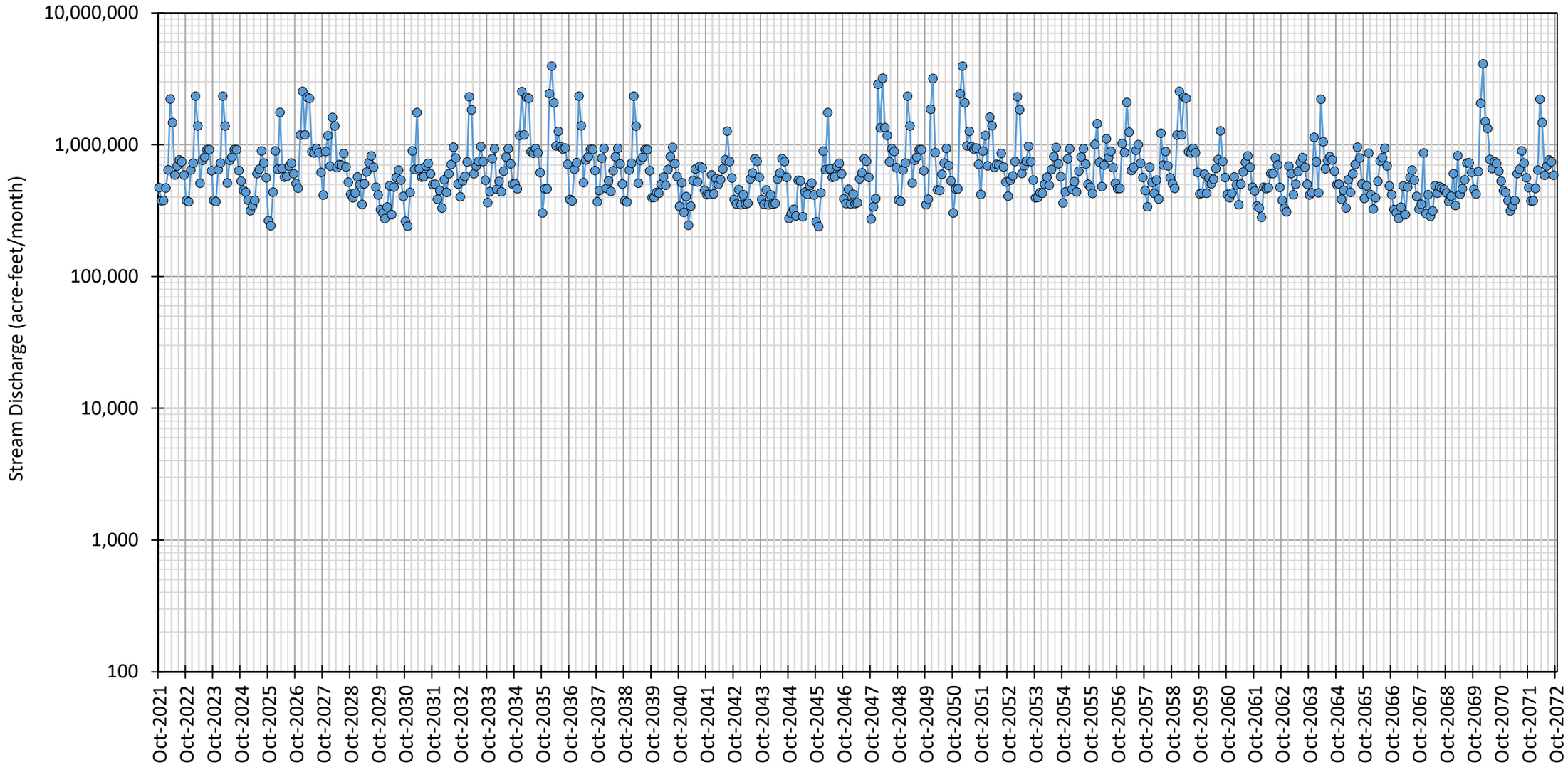
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Inflow from Sacramento River at Bowman Subbasin Boundary

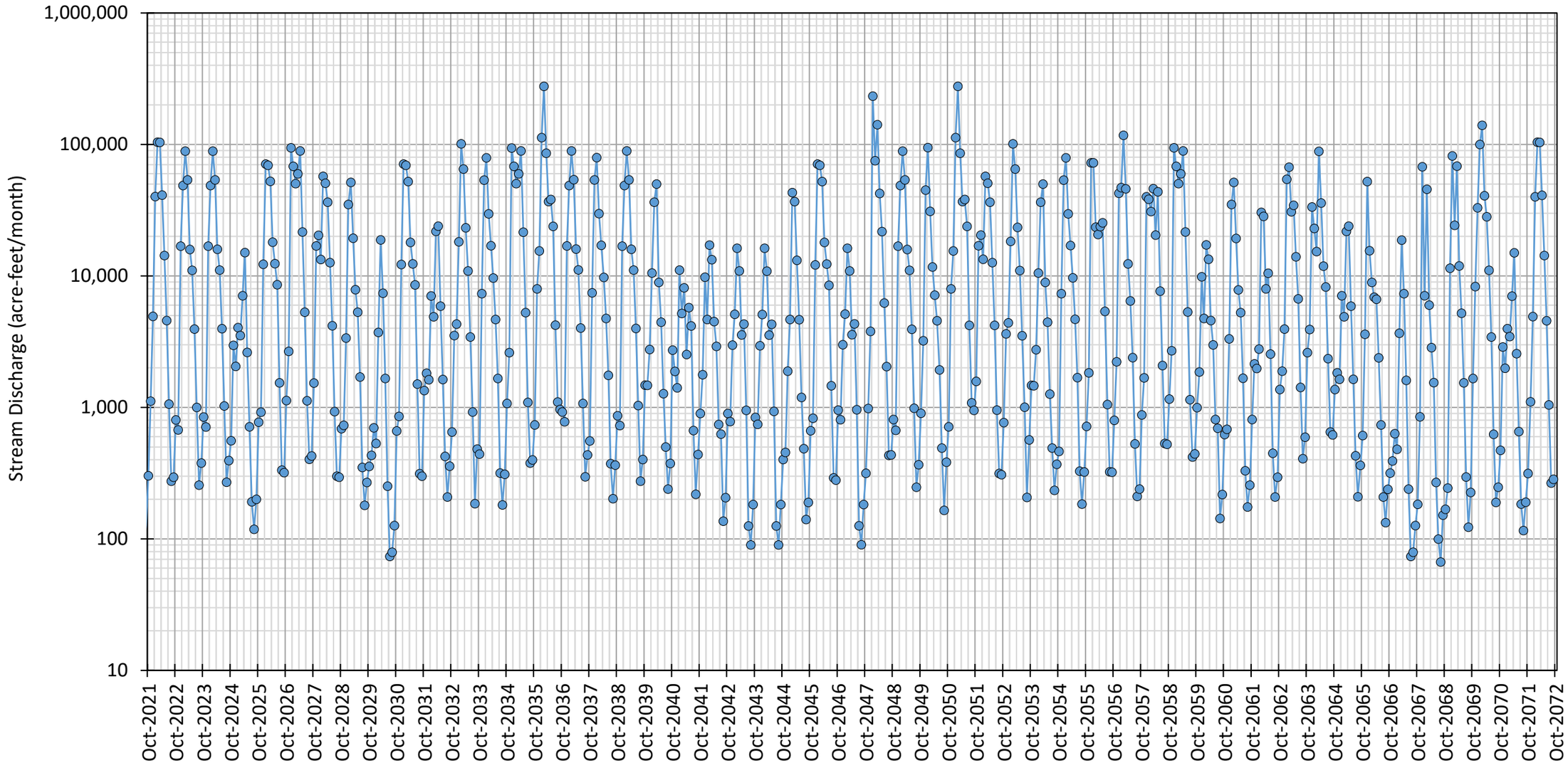
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from MF Cottonwood Creek to Cottonwood Creek

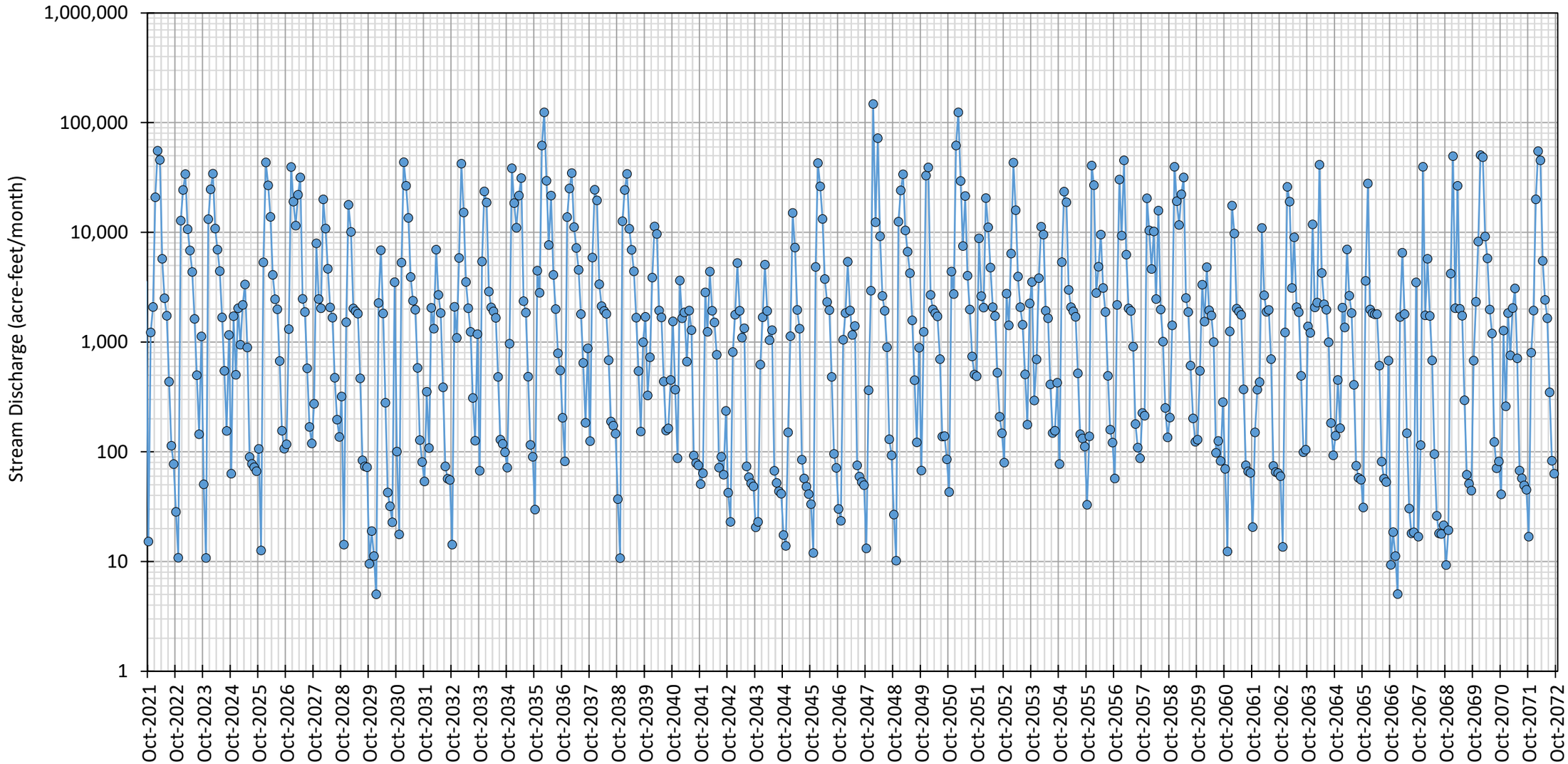
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from SF Cottonwood Creek to Cottonwood Creek

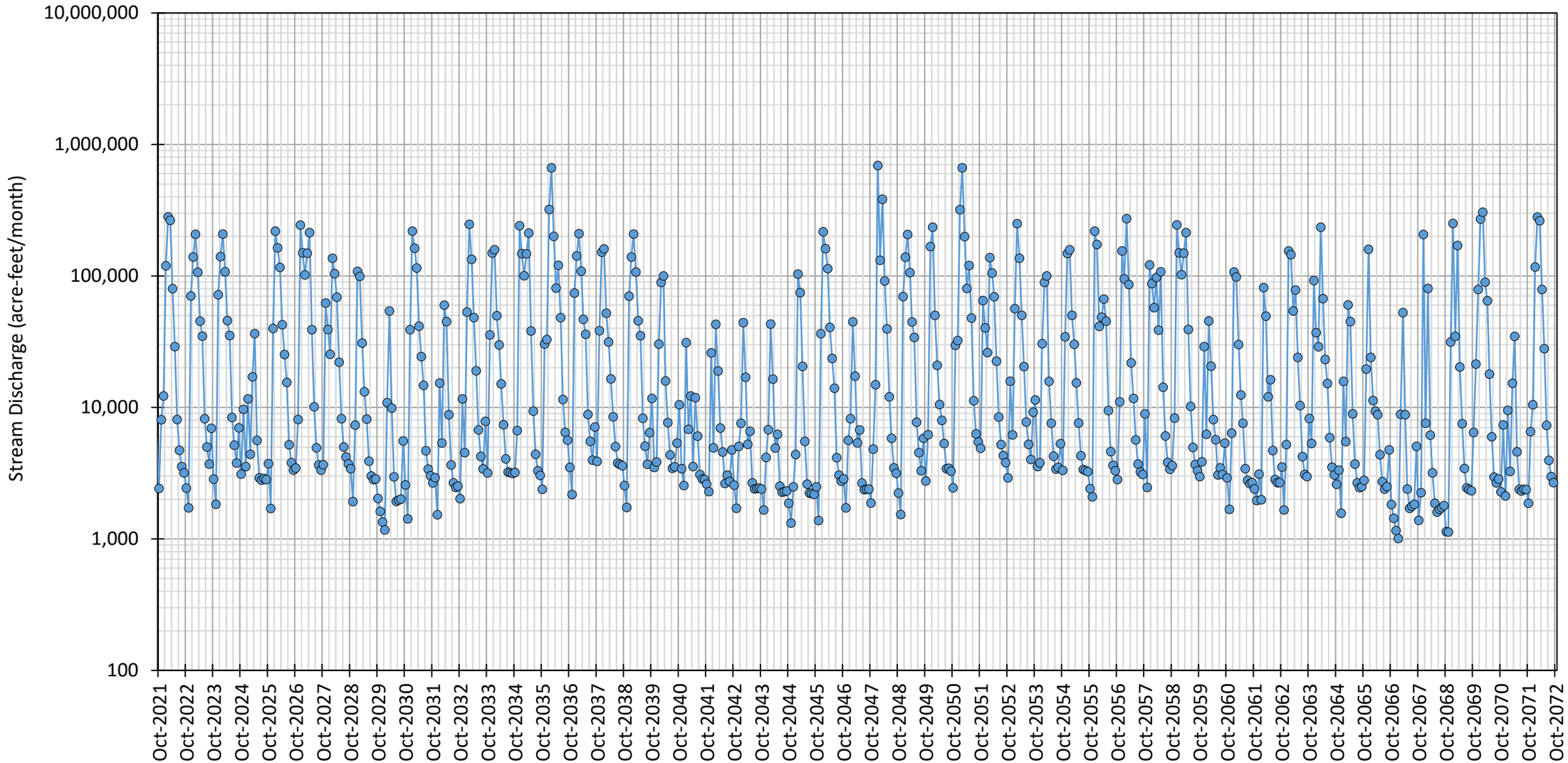
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Cottonwood Creek to Sacramento River

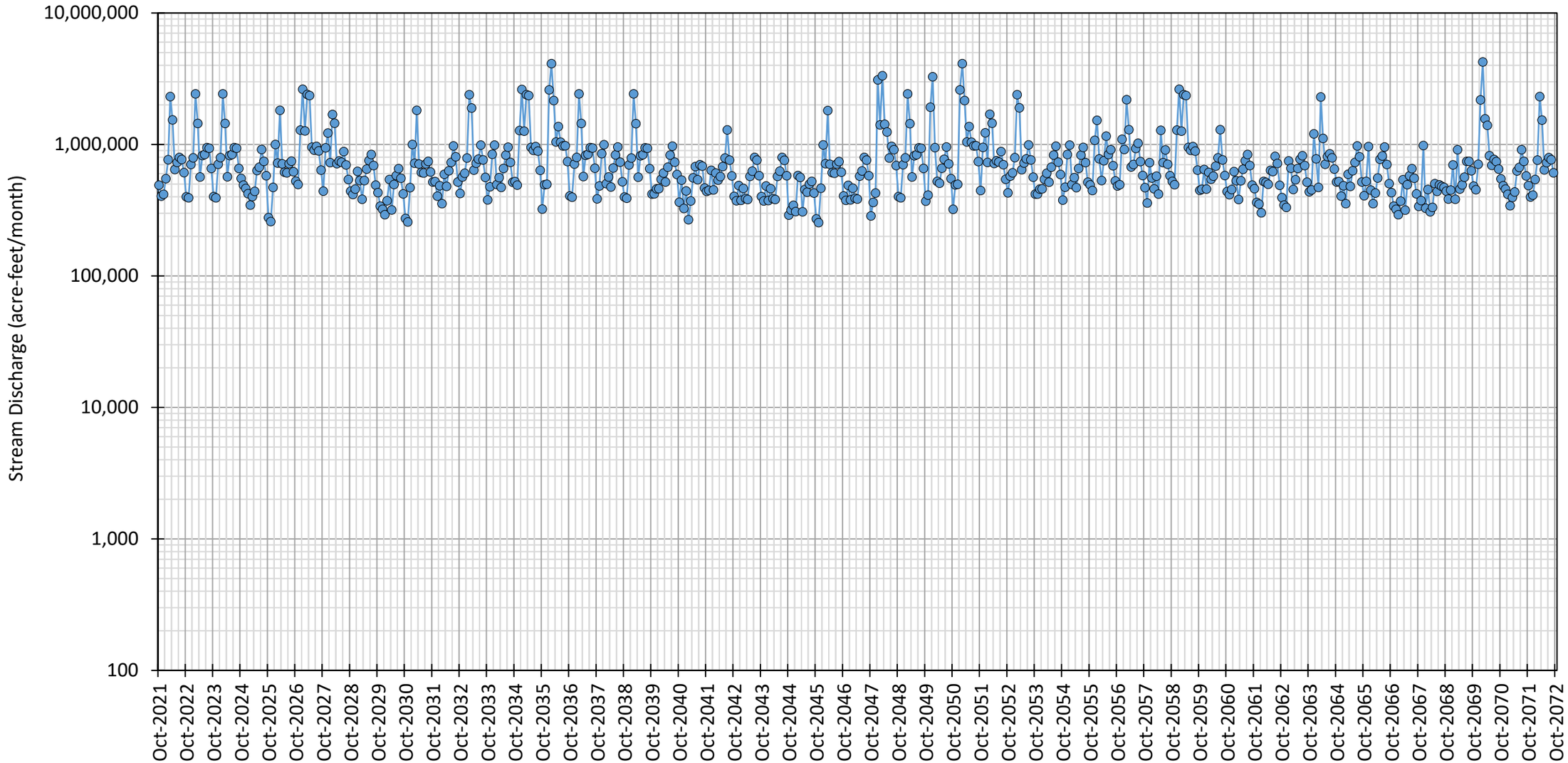
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Sacramento River at Bowman Subbasin Boundary

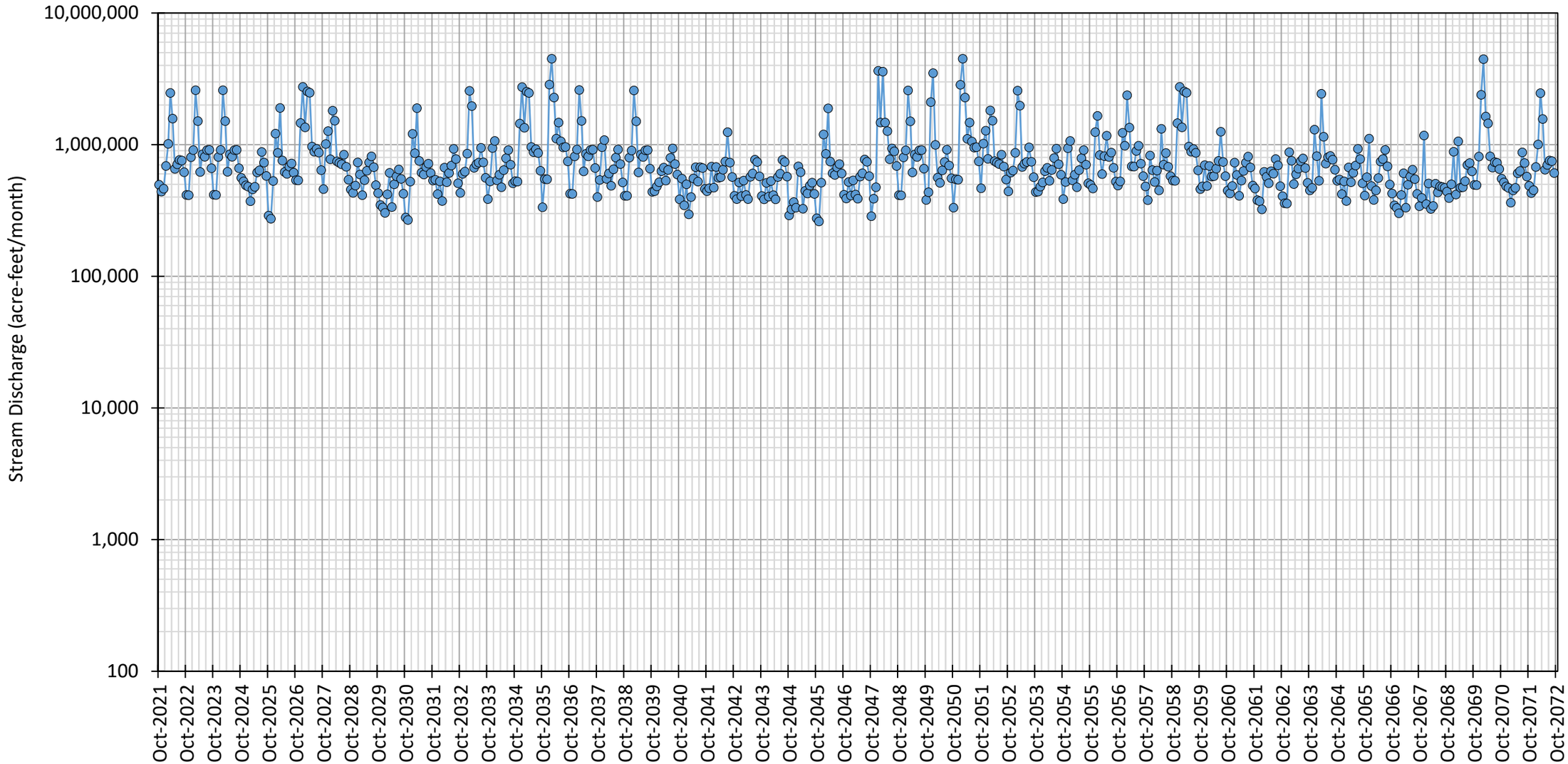
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

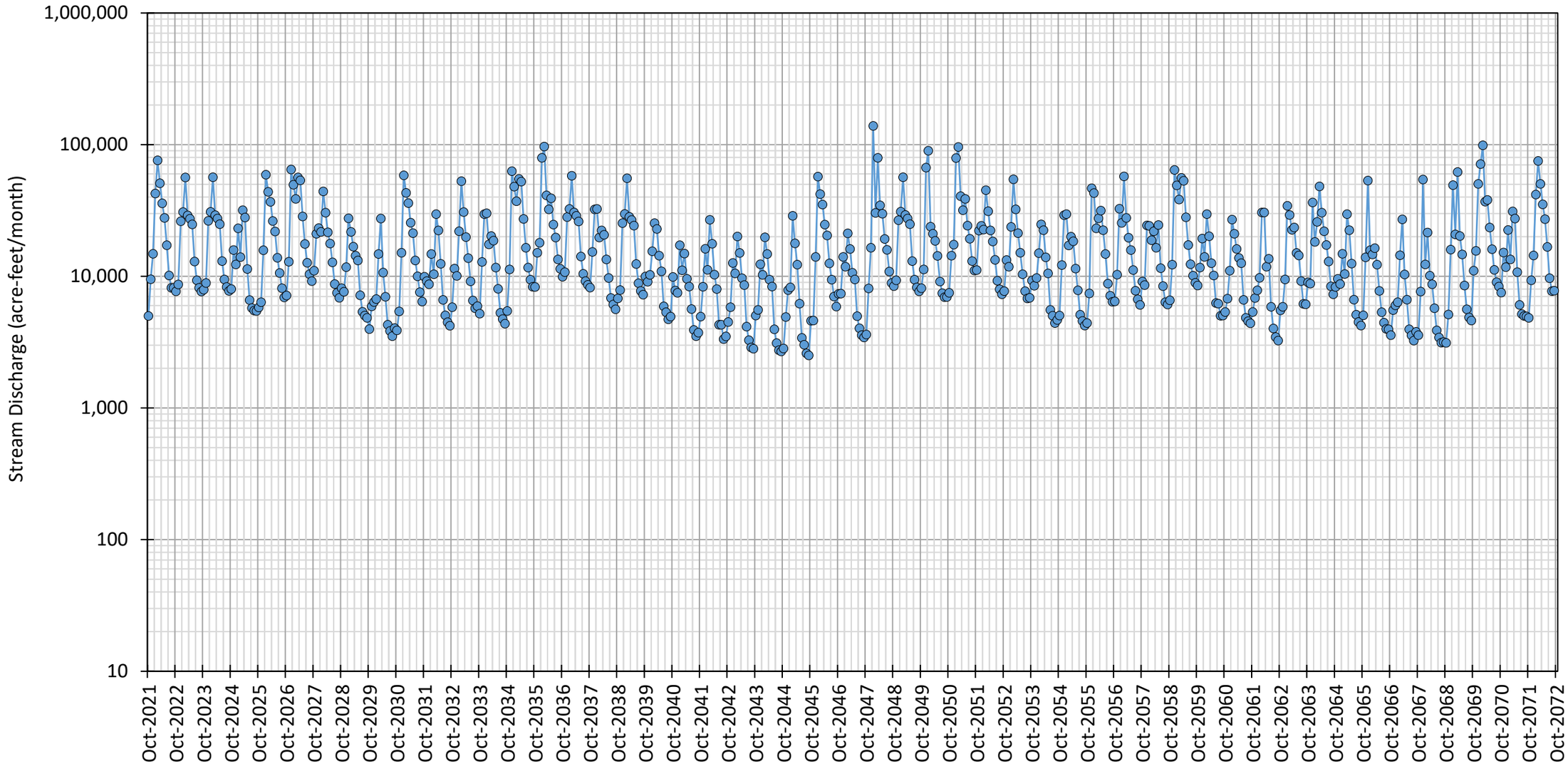
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Antelope Creek Group to Sacramento River

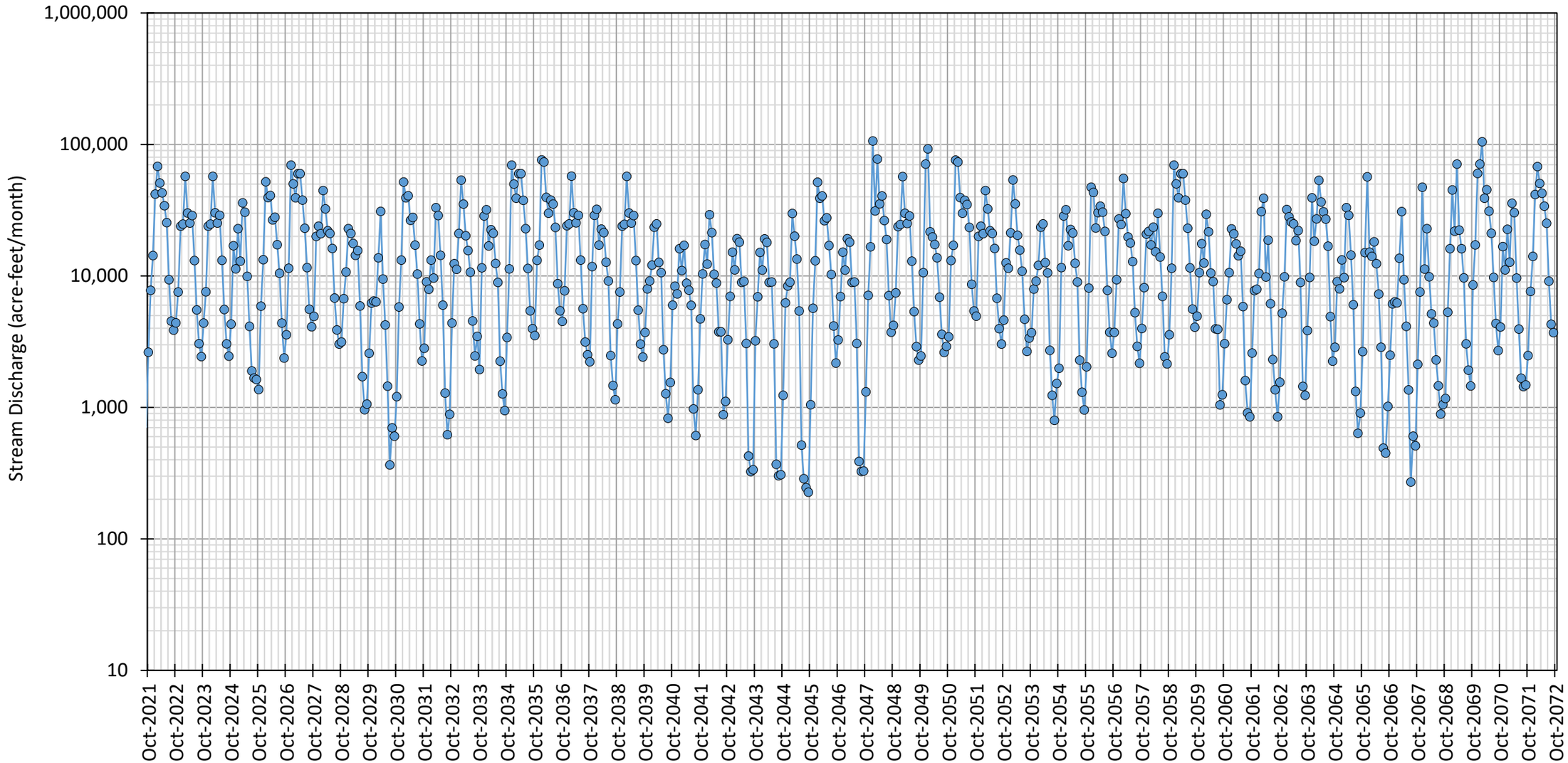
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Mill Creek to Sacramento River

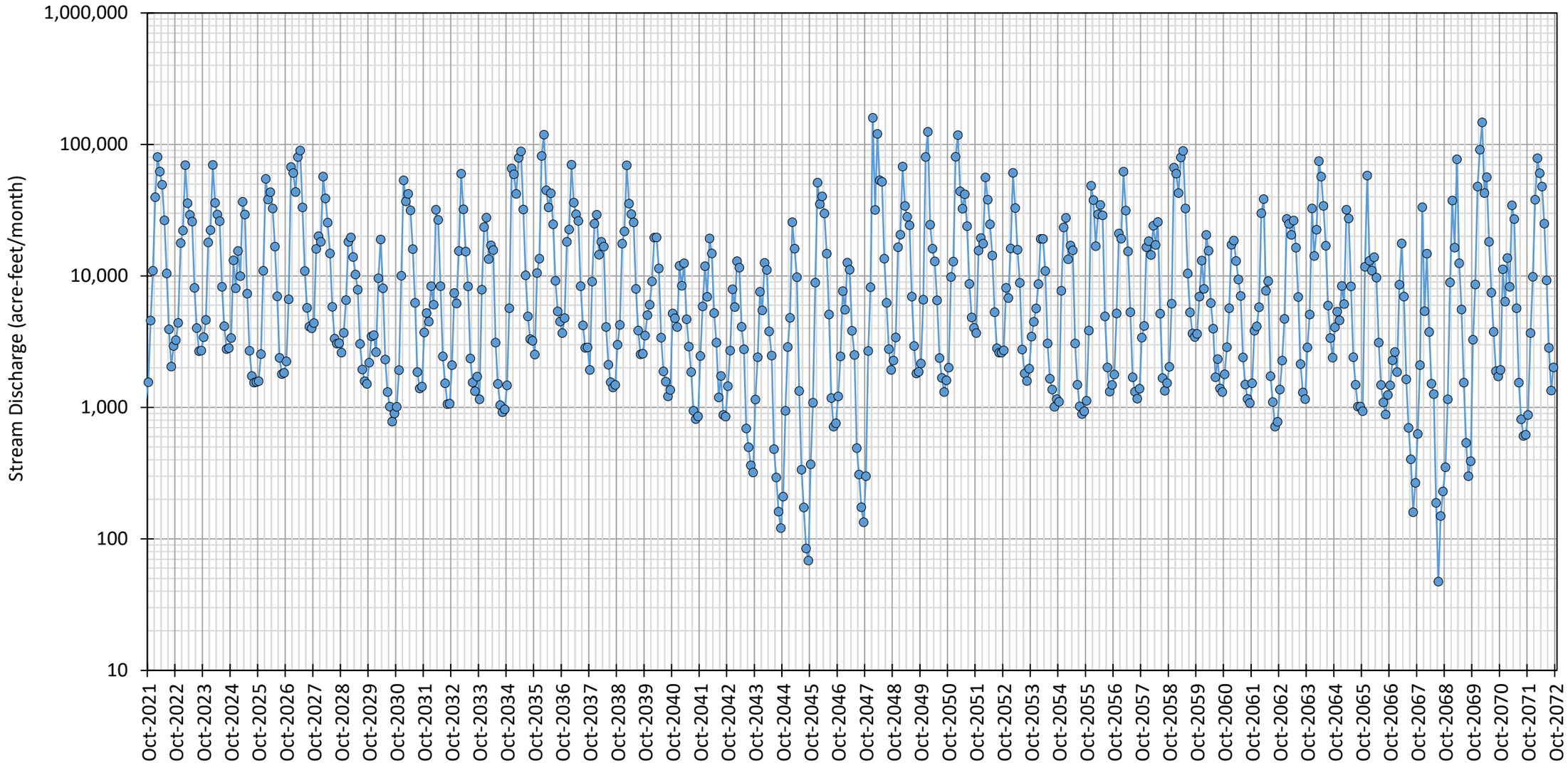
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Deer Creek Group to Sacramento River

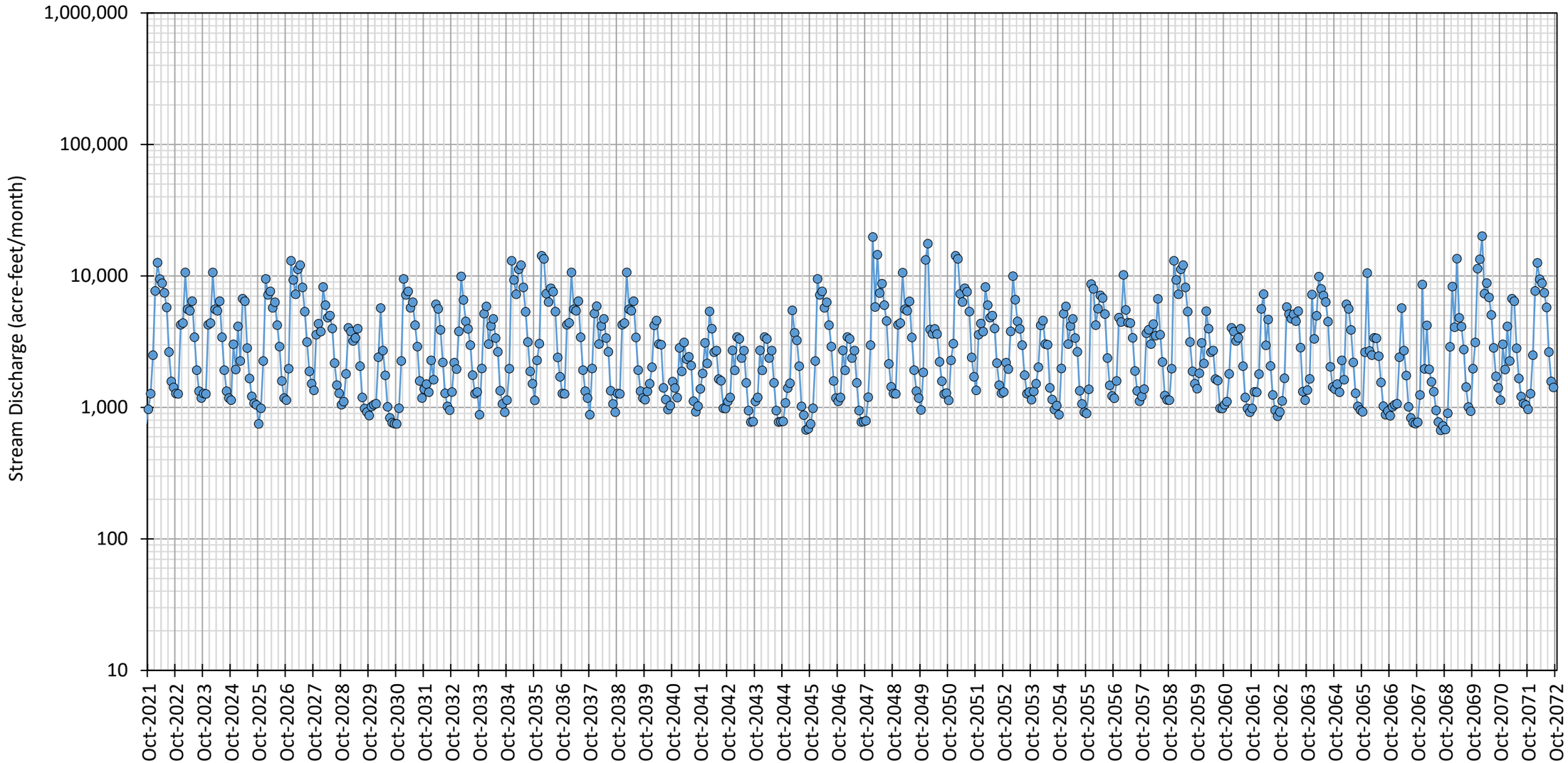
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Dye Creek to Sacramento River

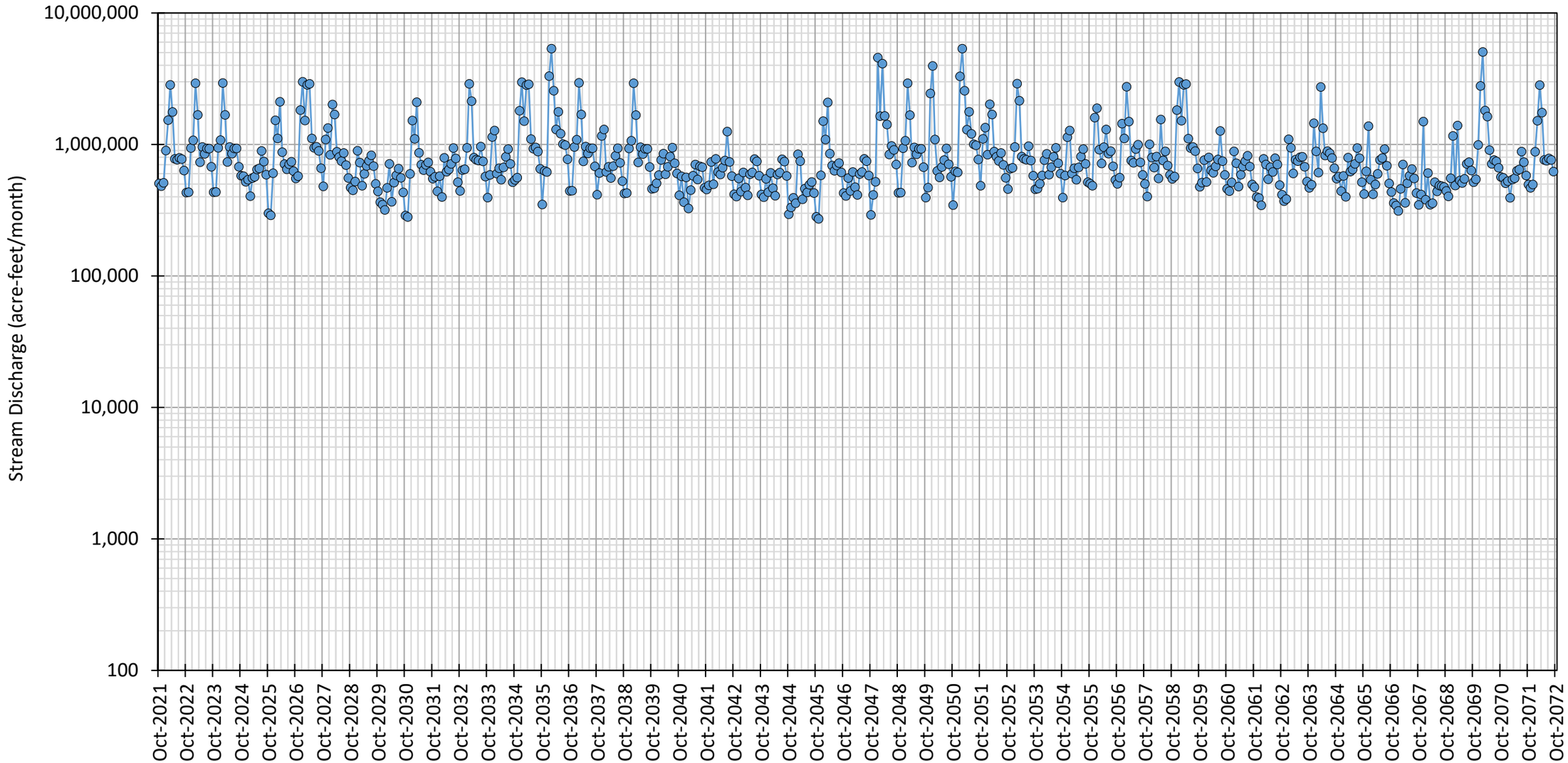
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Sacramento River at Los Molinos Subbasin Boundary

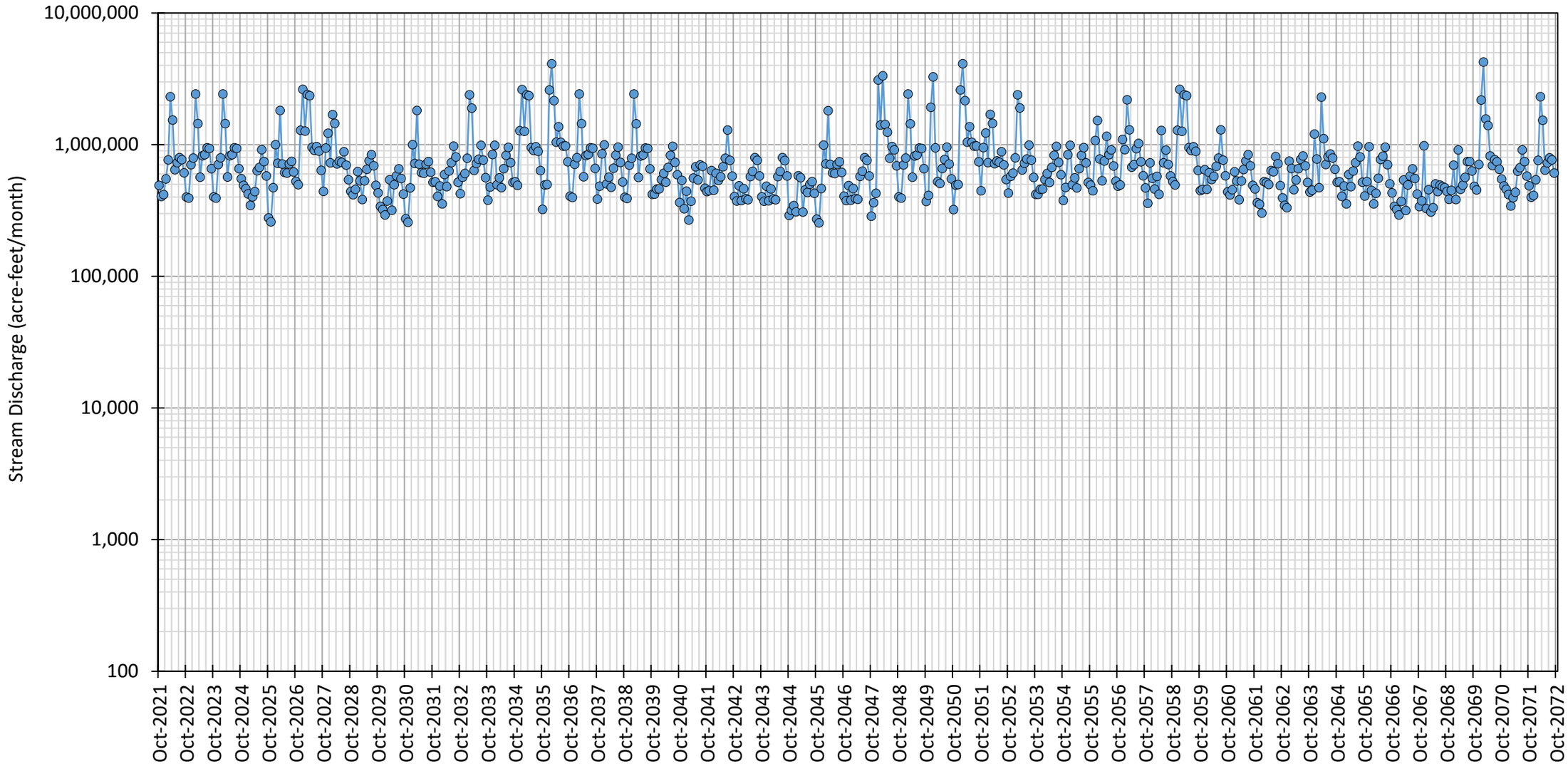
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Inflow from Sacramento River at Red Bluff Subbasin Boundary

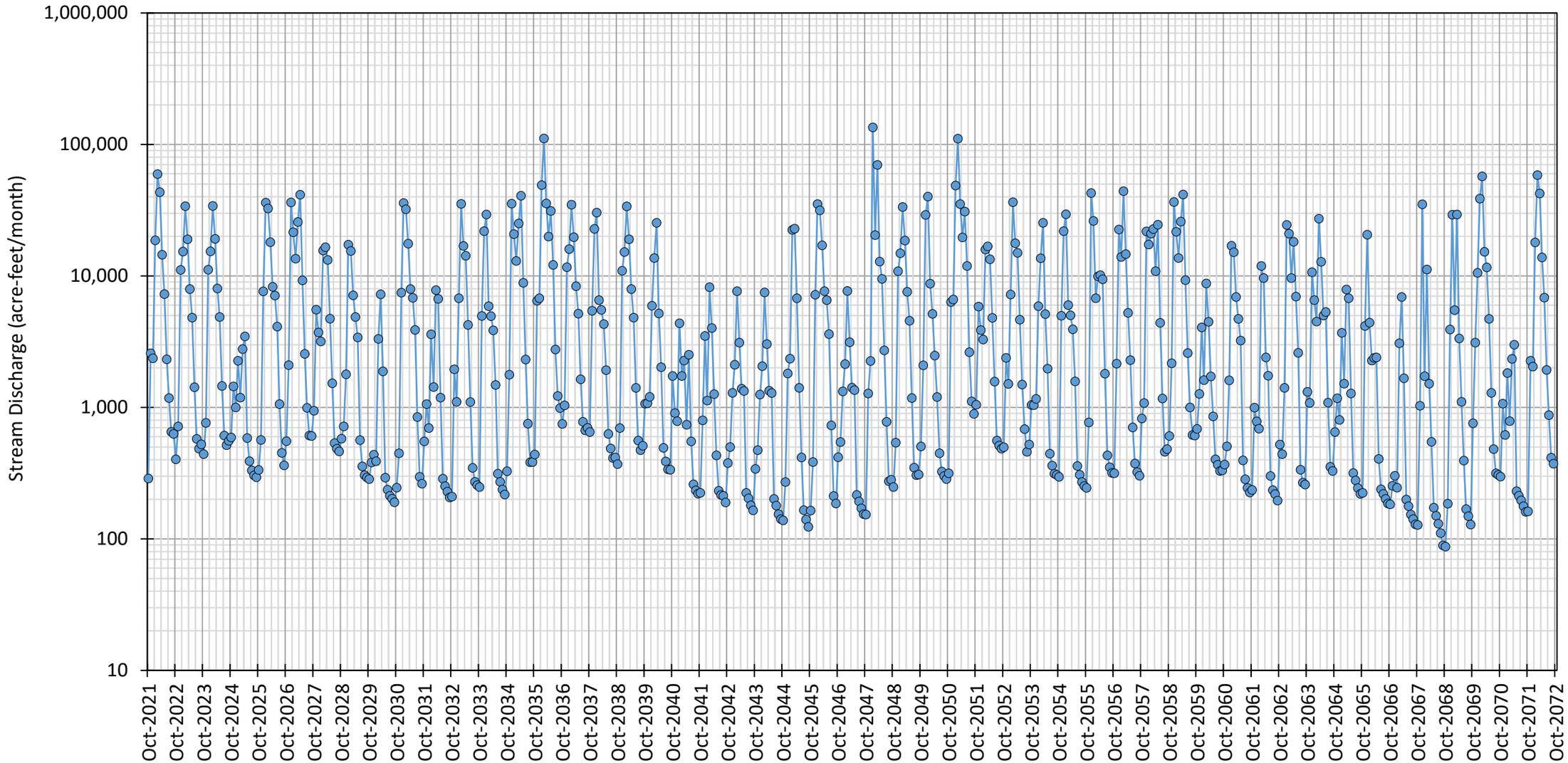
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Elder Creek to Sacramento River

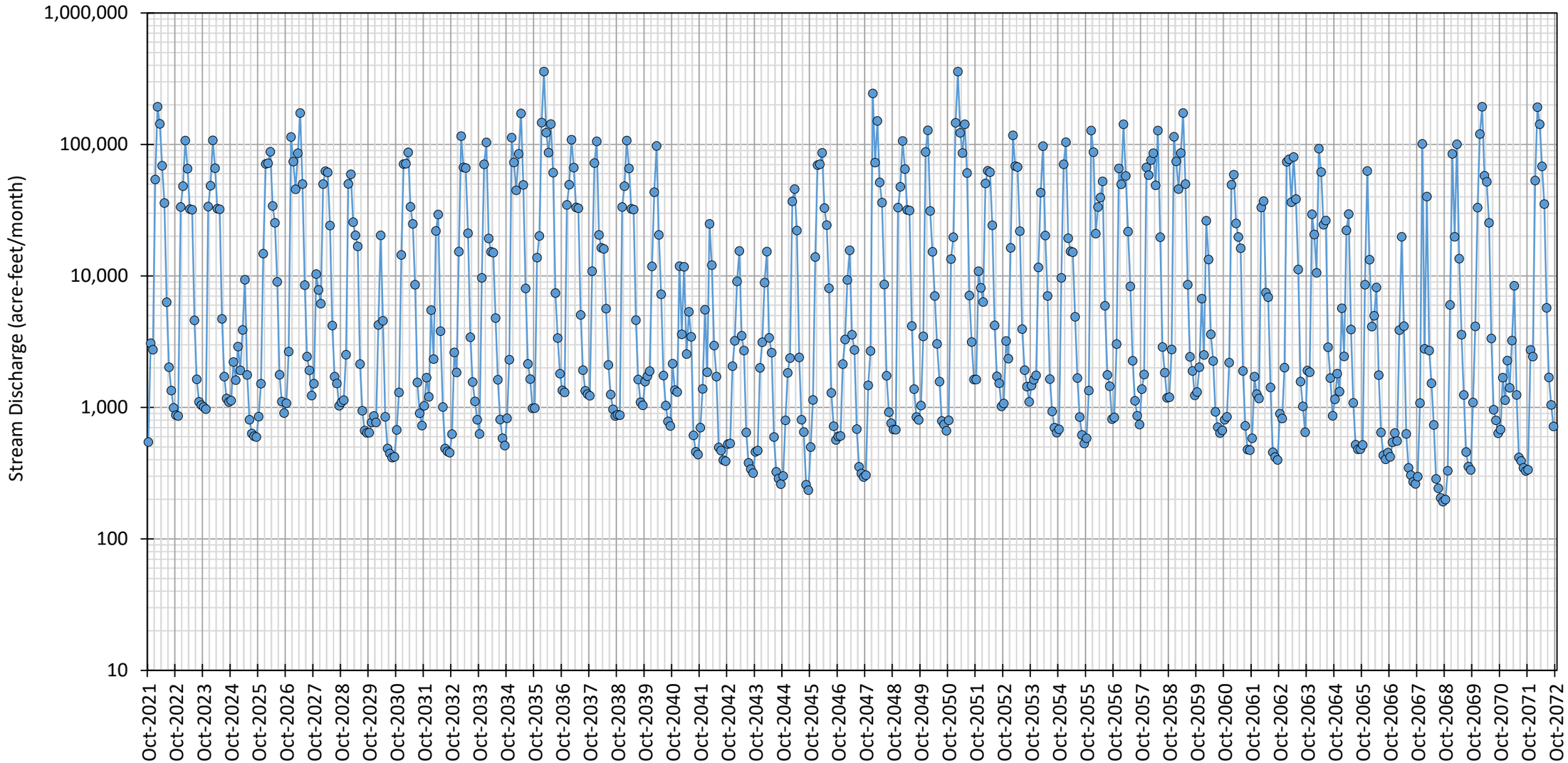
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Thomes Creek to Sacramento River

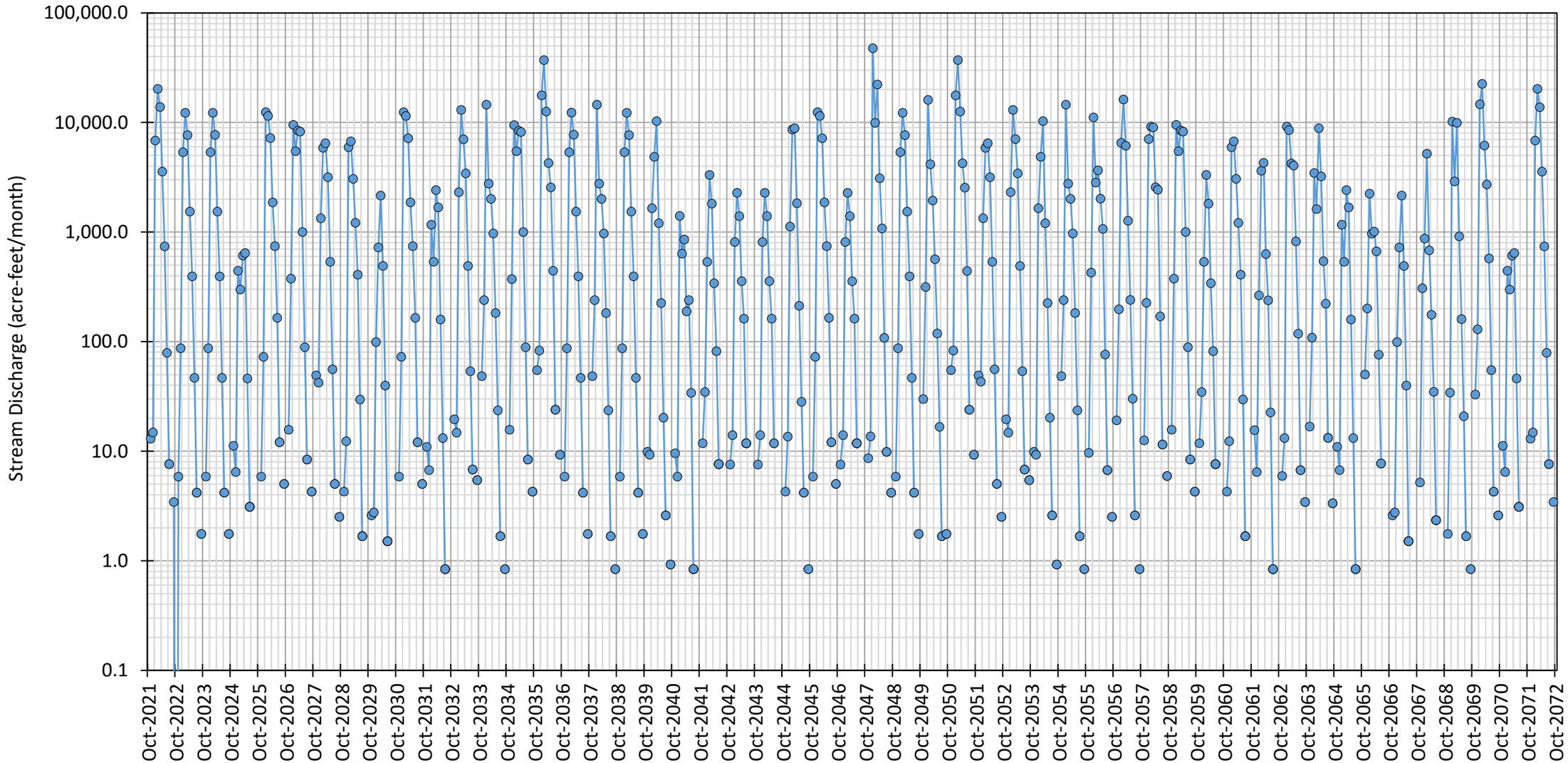
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Red Bank Creek to Sacramento River

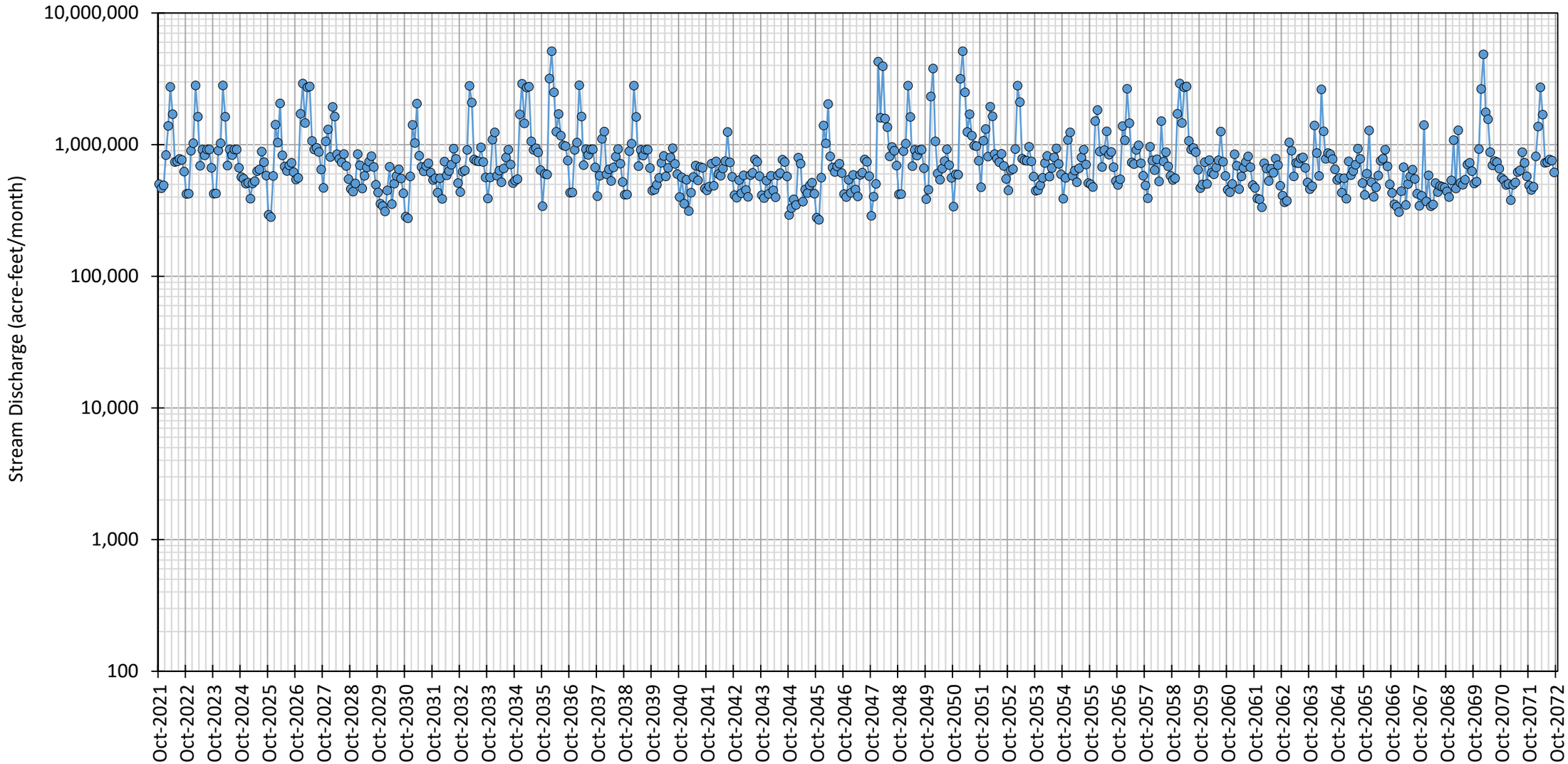
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

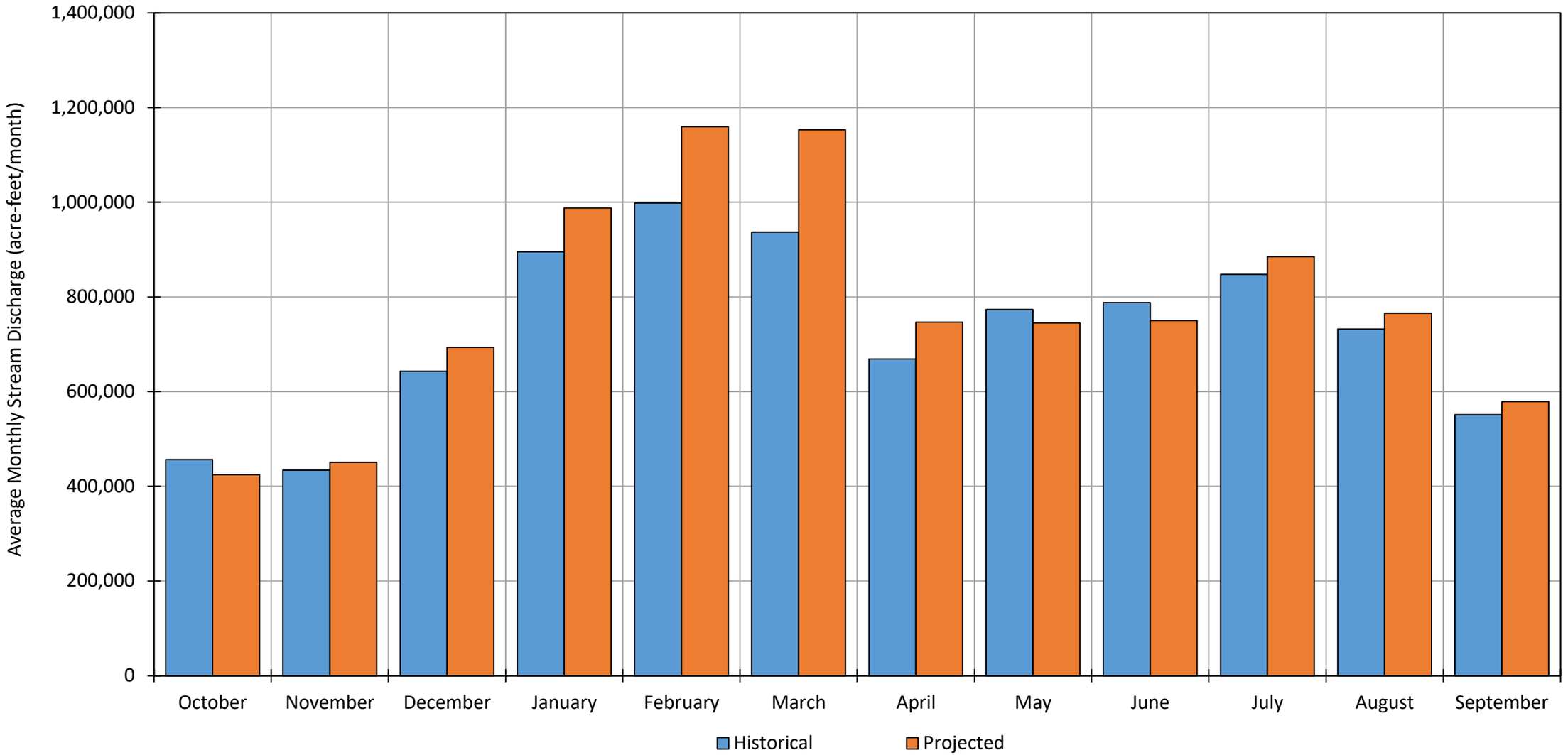
Red Bluff Subbasin



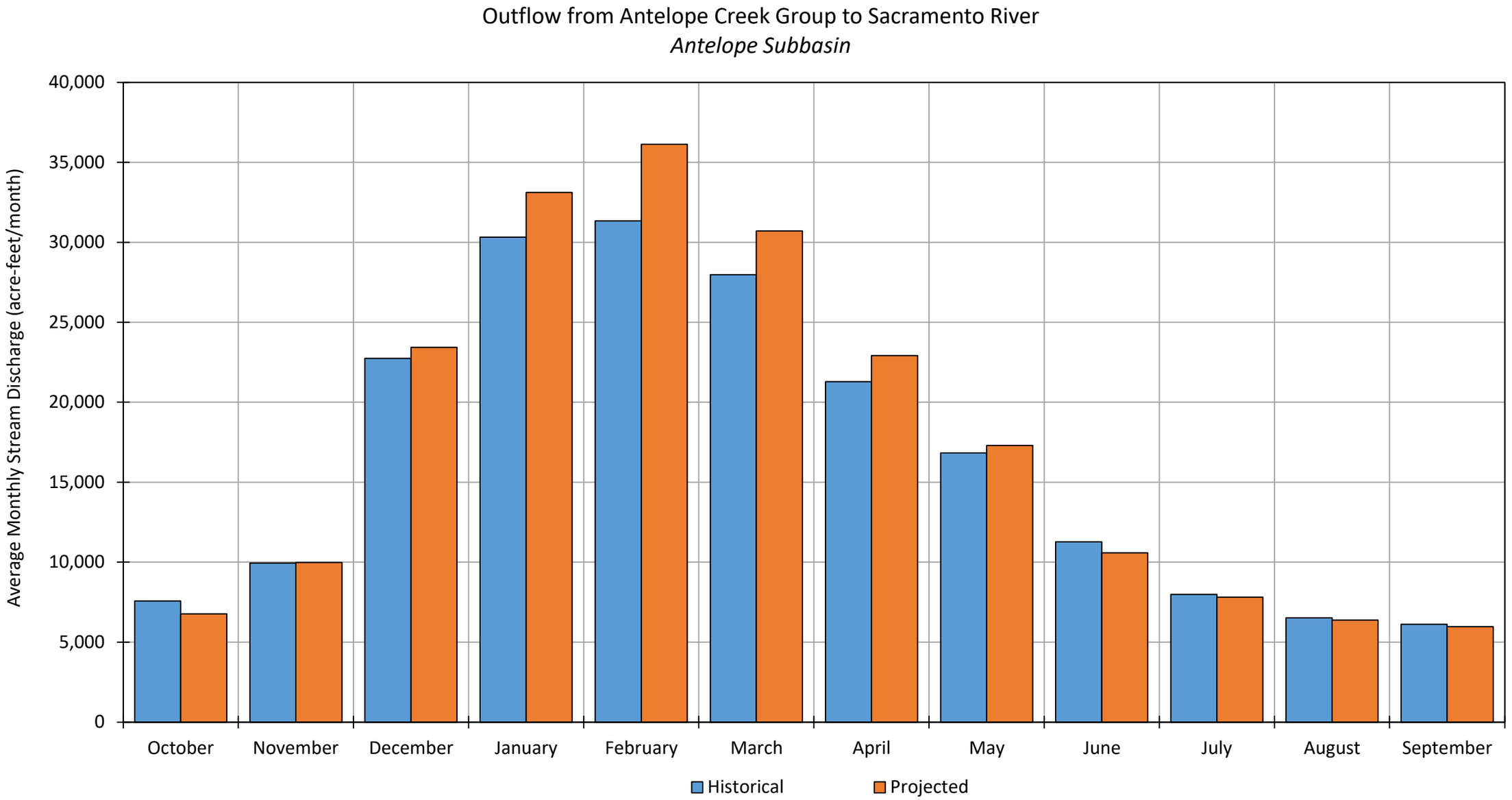
Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Inflow from Sacramento River at Antelope Subbasin Boundary

Antelope Subbasin



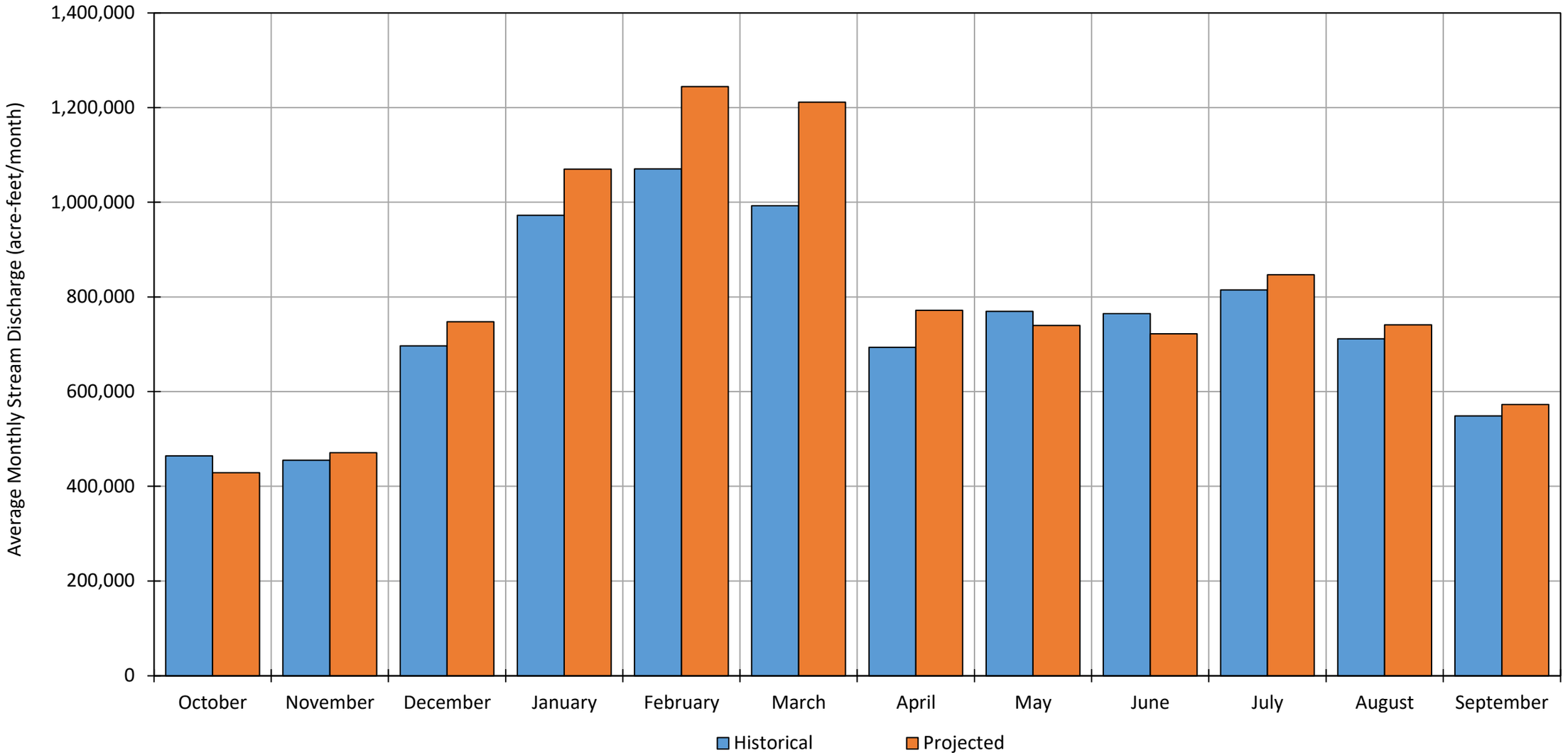
Tehama IHM - Projected (Future Land Use) with Climate Change (2030)



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Sacramento River at Antelope Subbasin Boundary

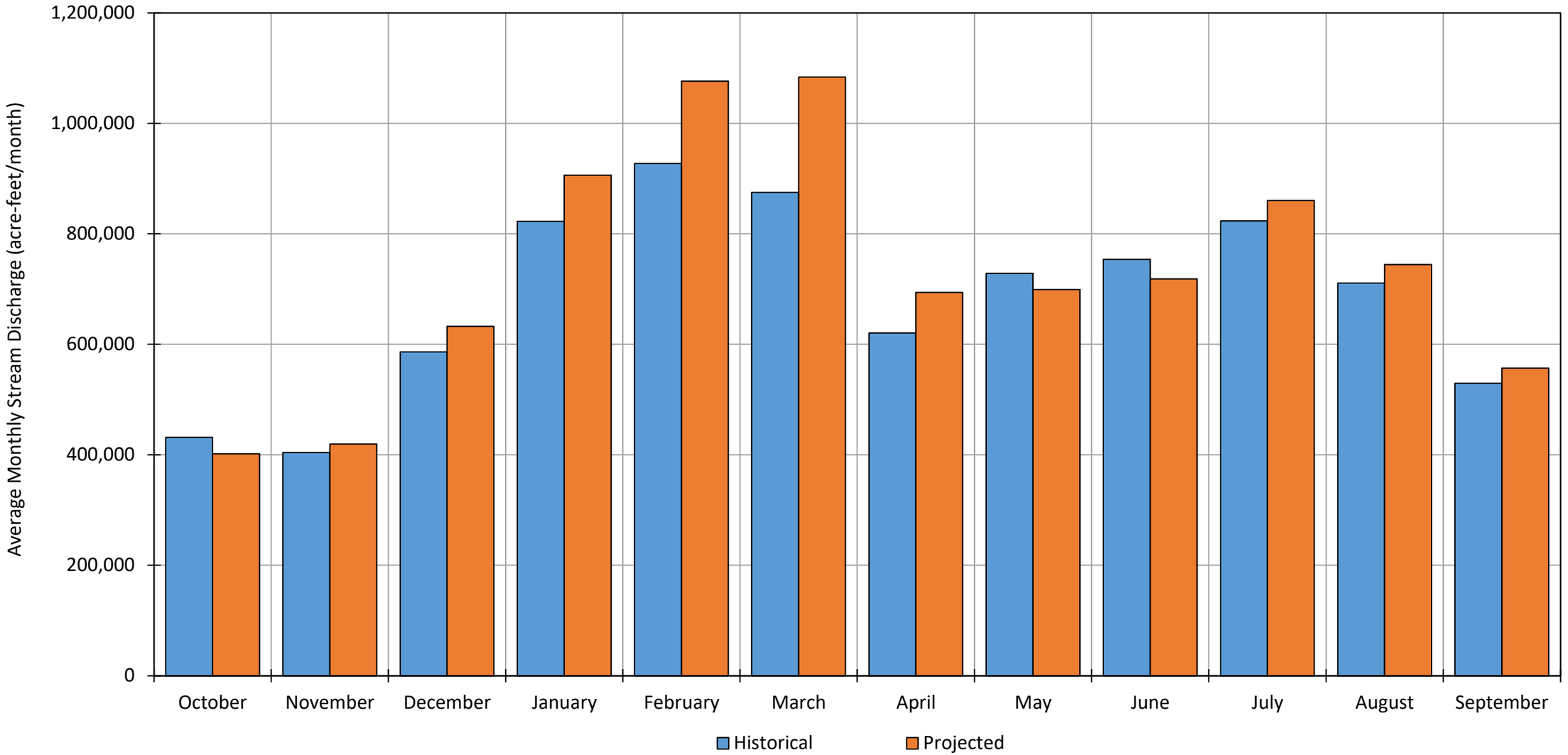
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Inflow from Sacramento River at Bowman Subbasin Boundary

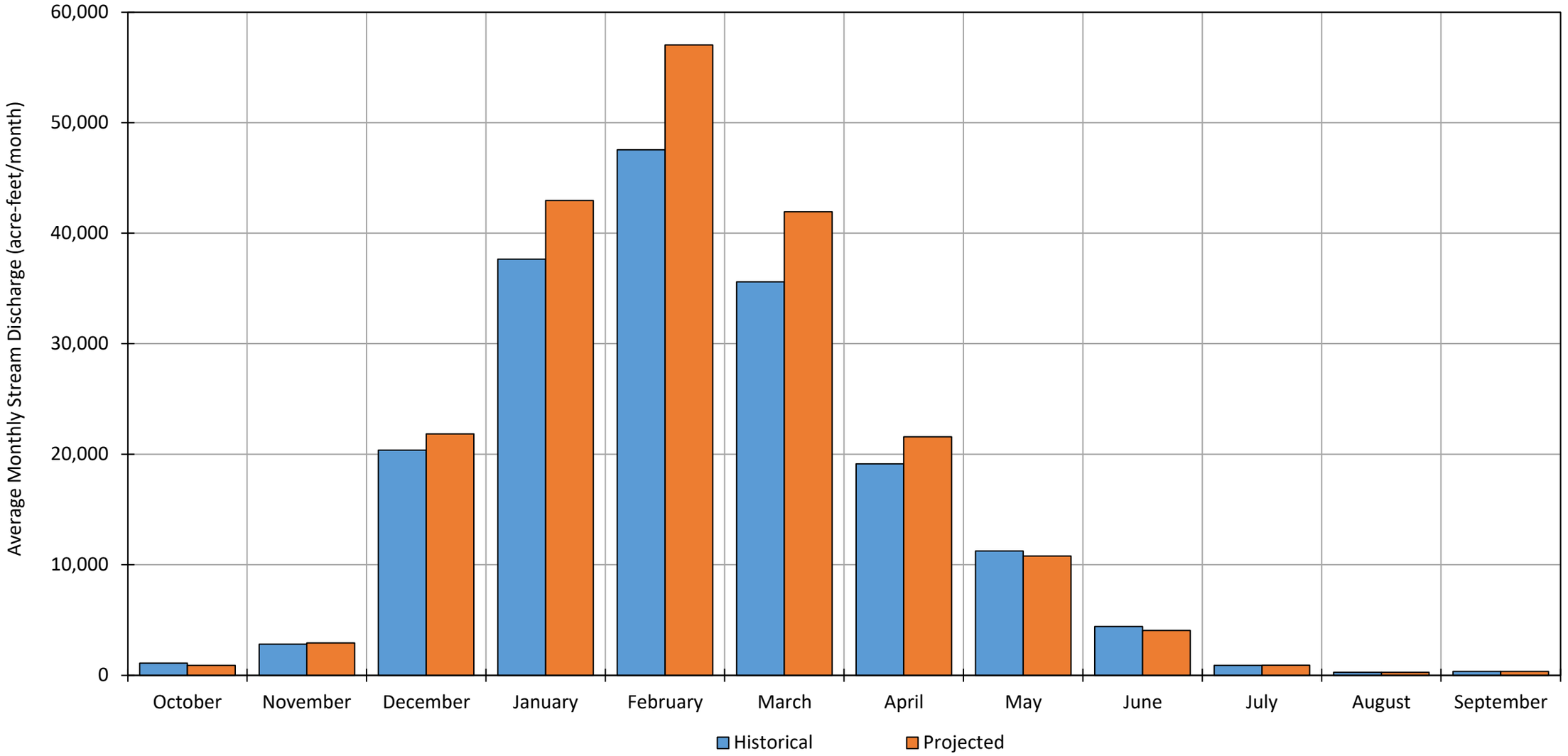
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from MF Cottonwood Creek to Cottonwood Creek

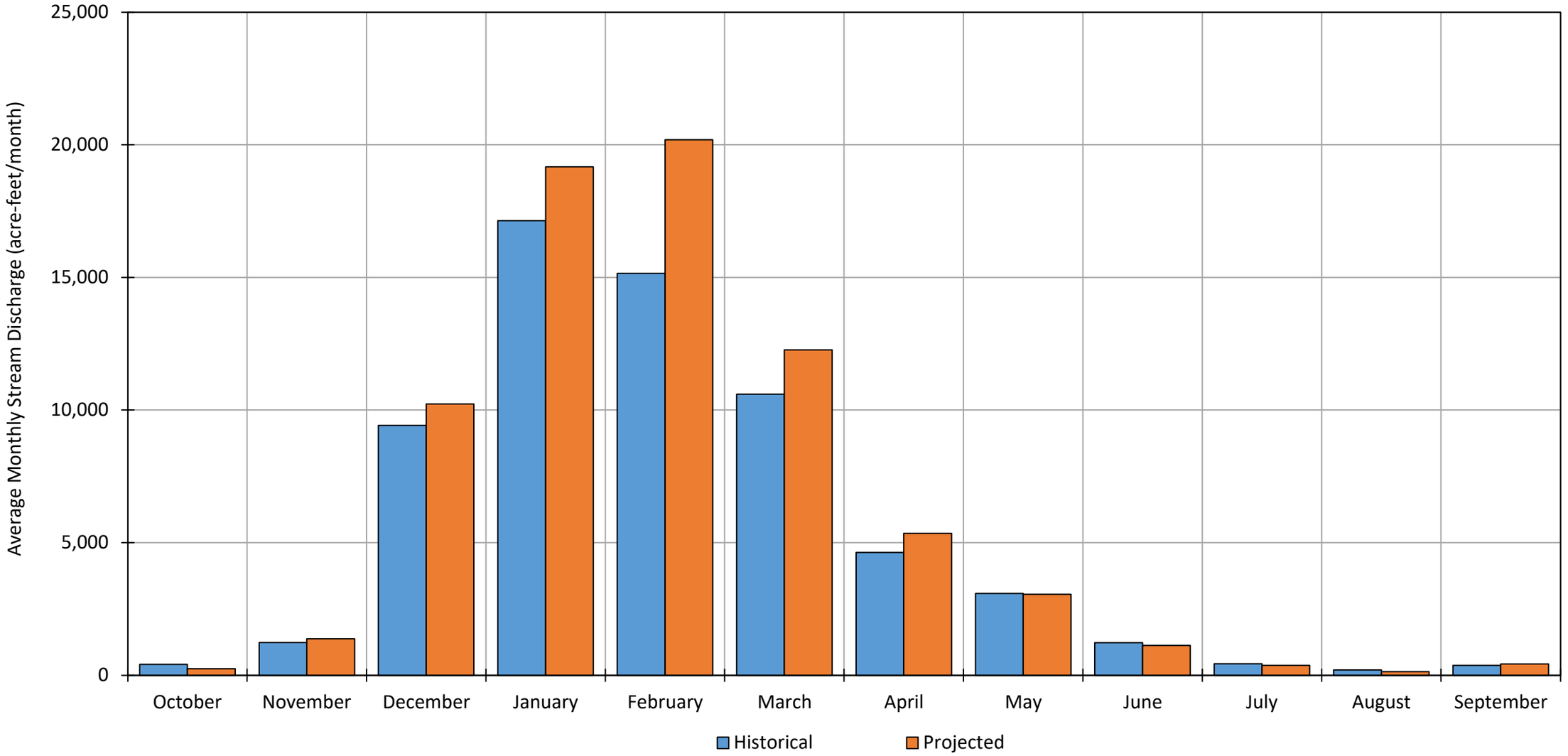
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from SF Cottonwood Creek to Cottonwood Creek

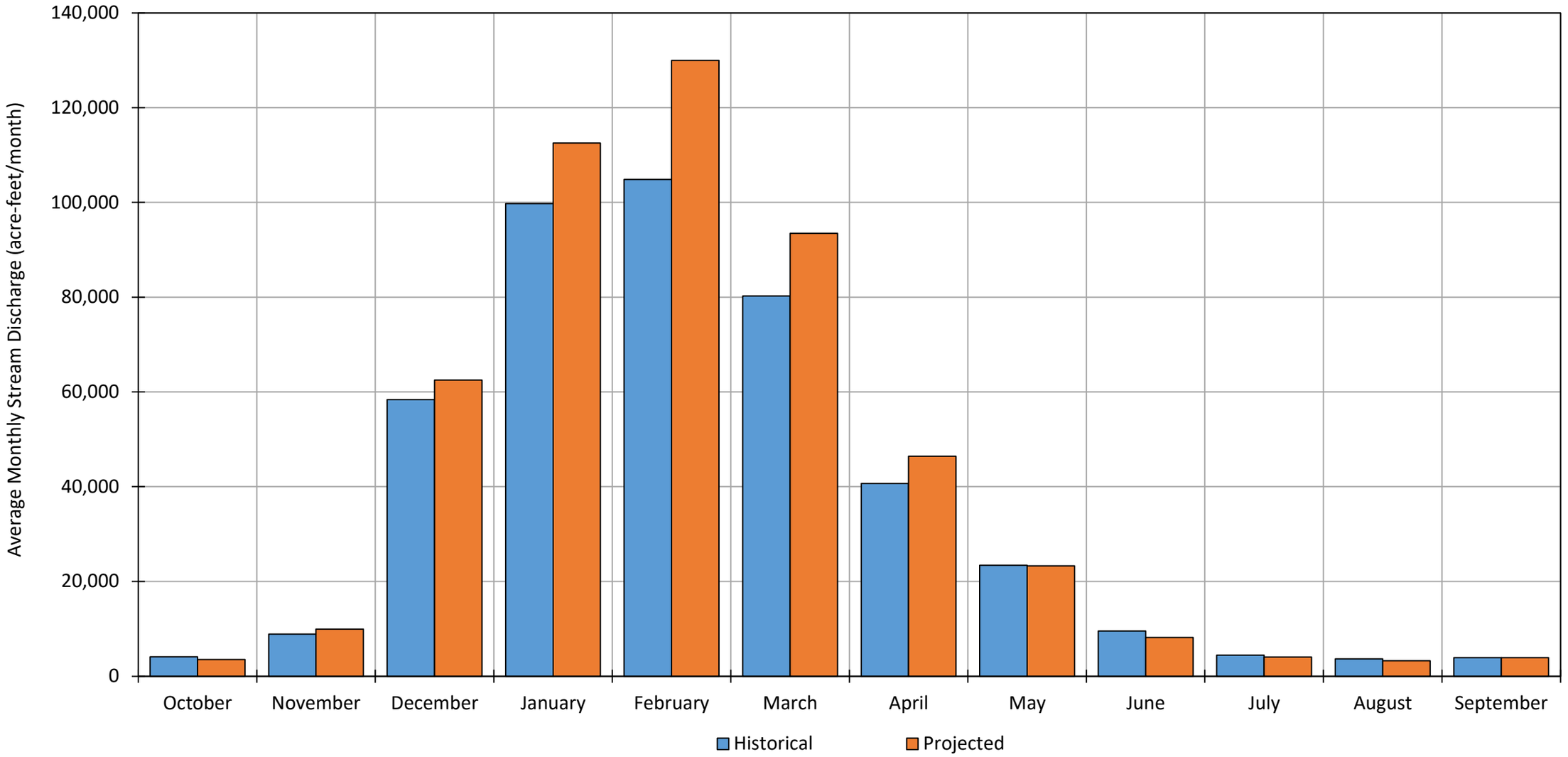
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Cottonwood Creek to Sacramento River

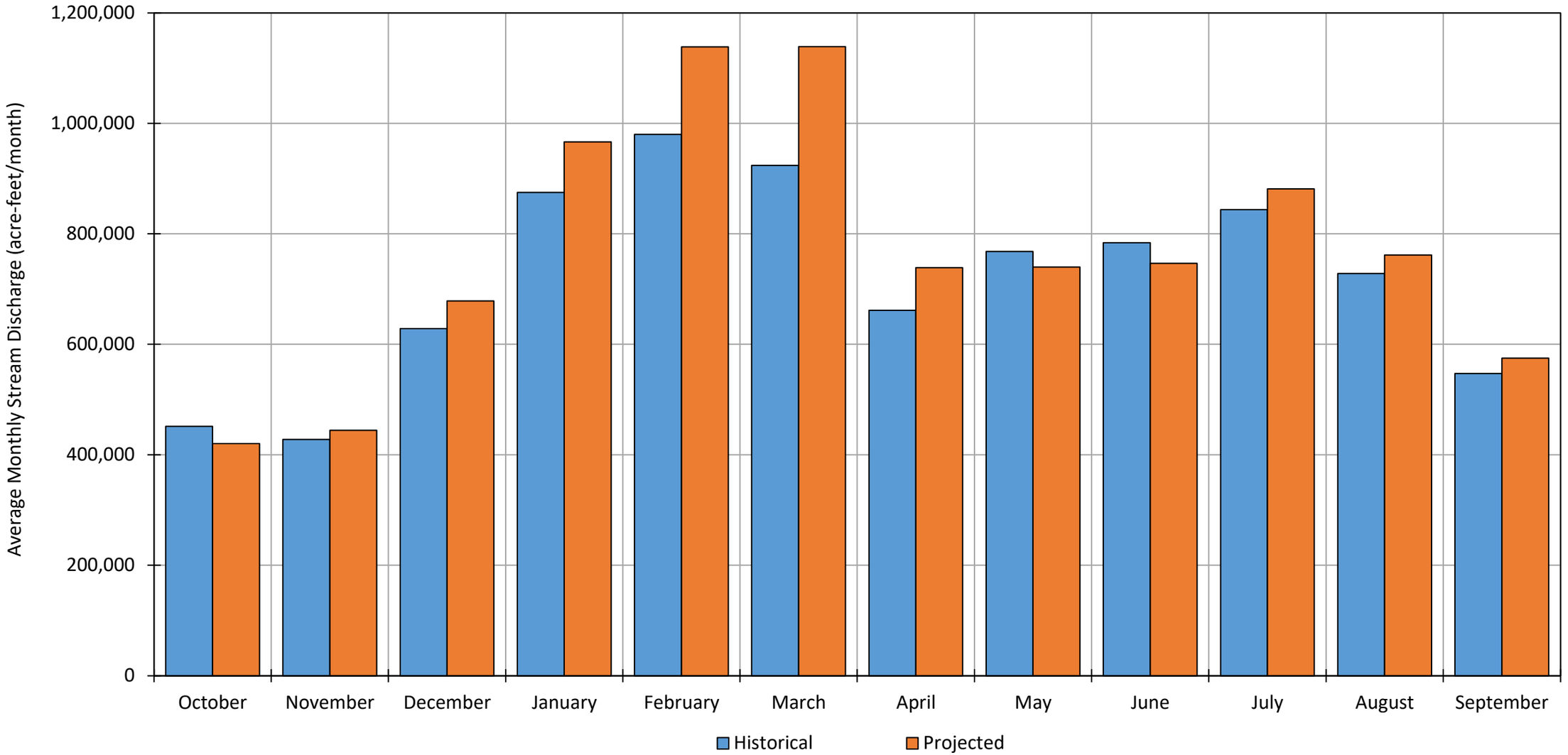
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Sacramento River at Bowman Subbasin Boundary

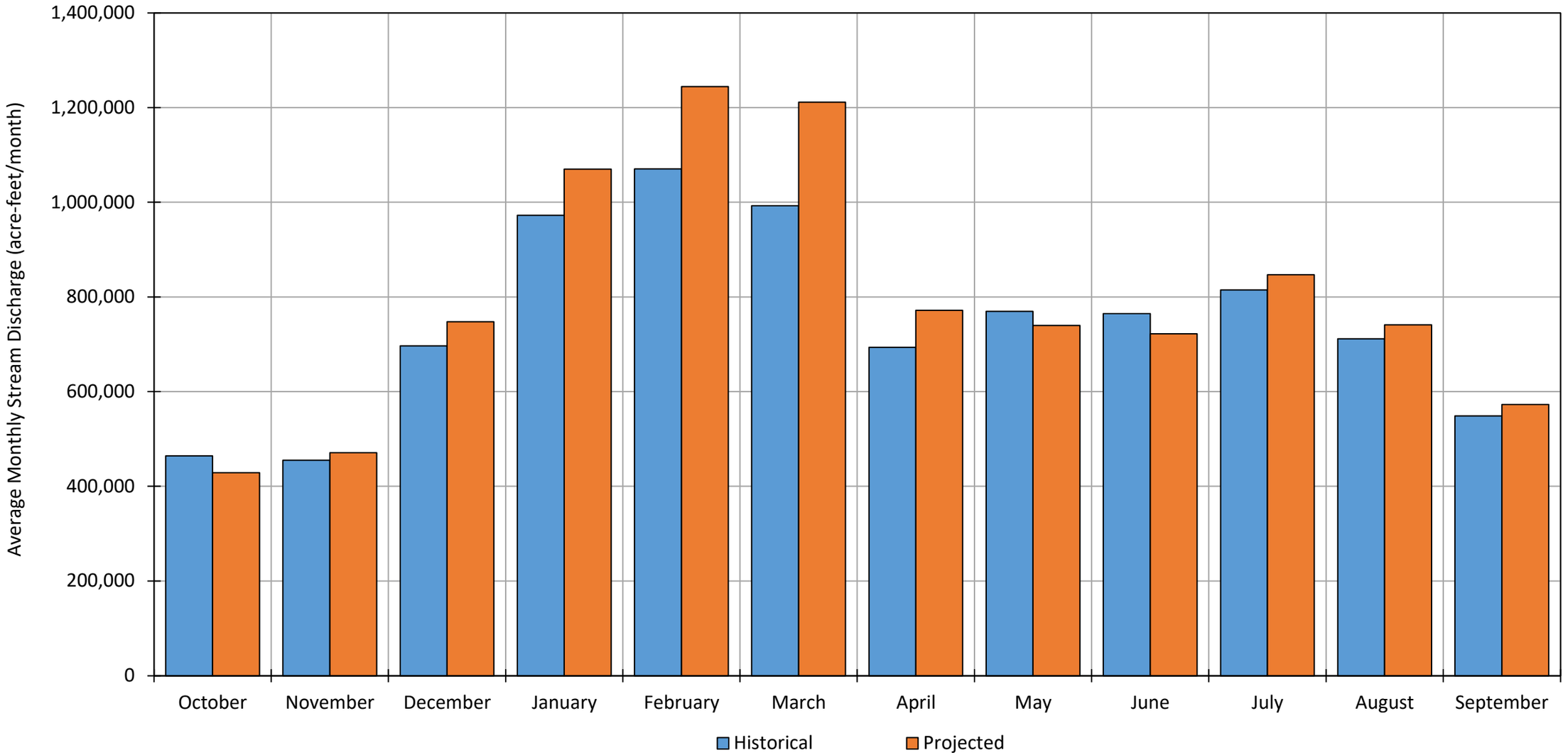
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

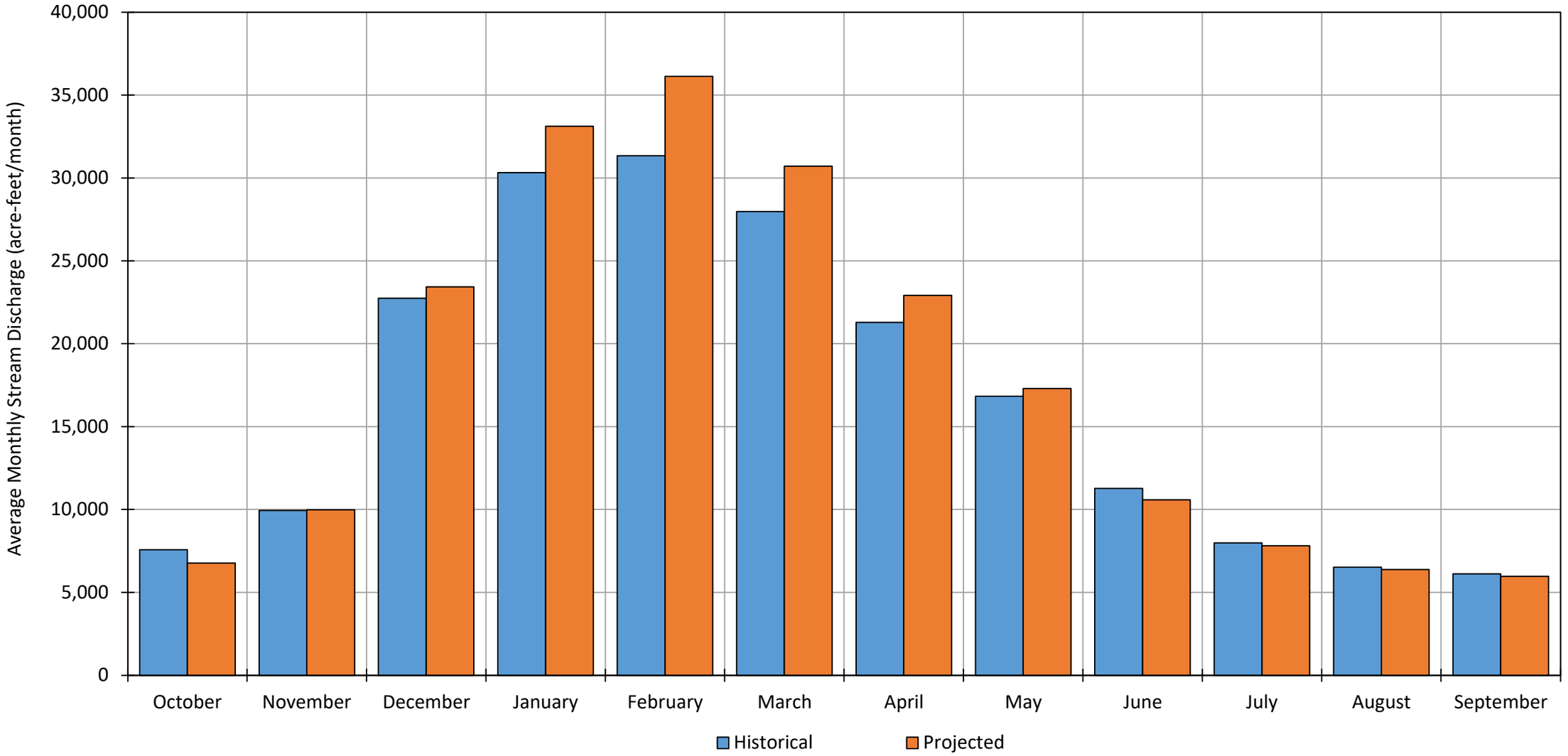
Los Molinos Subbasin



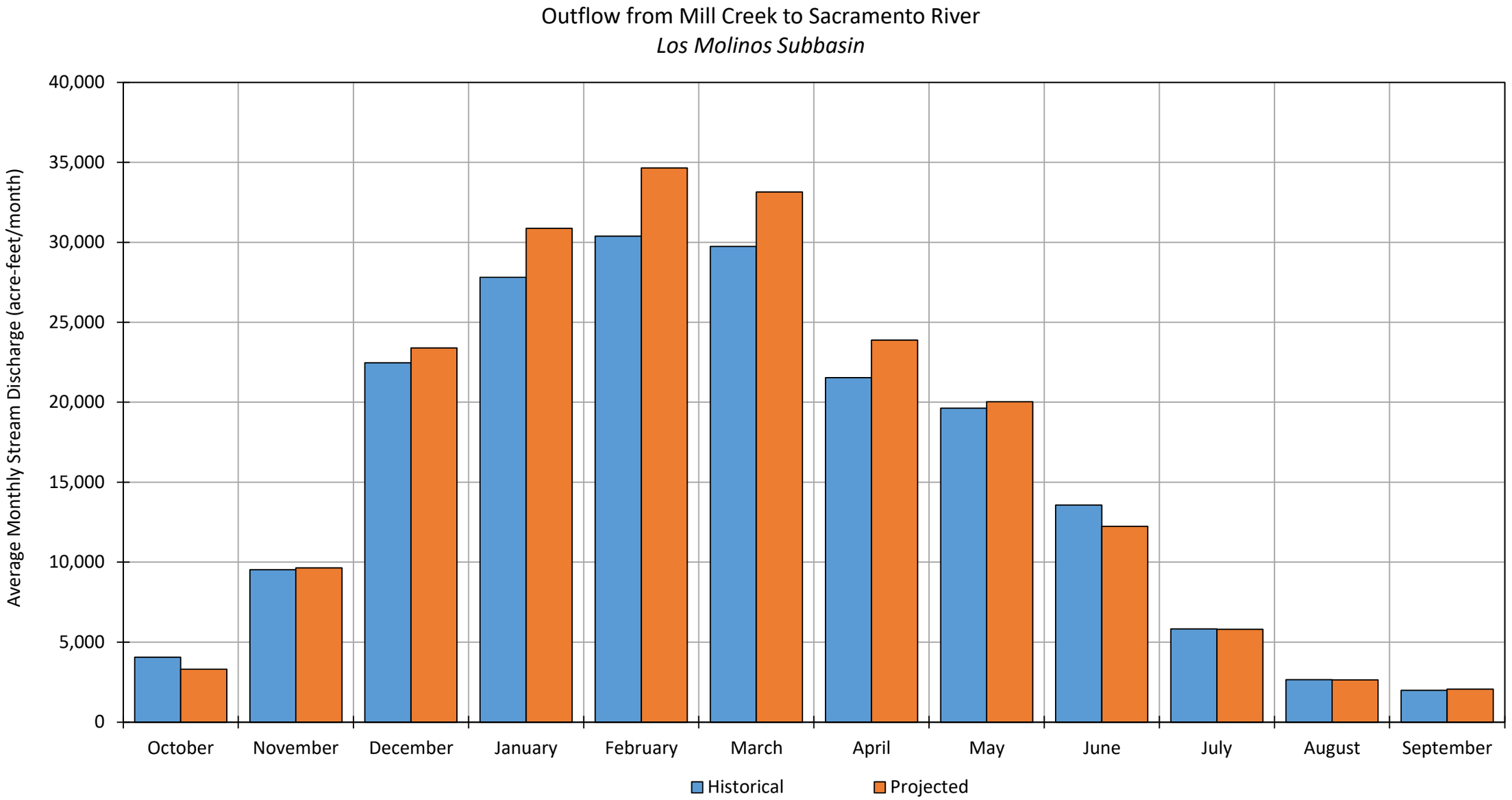
Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Antelope Creek Group to Sacramento River

Los Molinos Subbasin



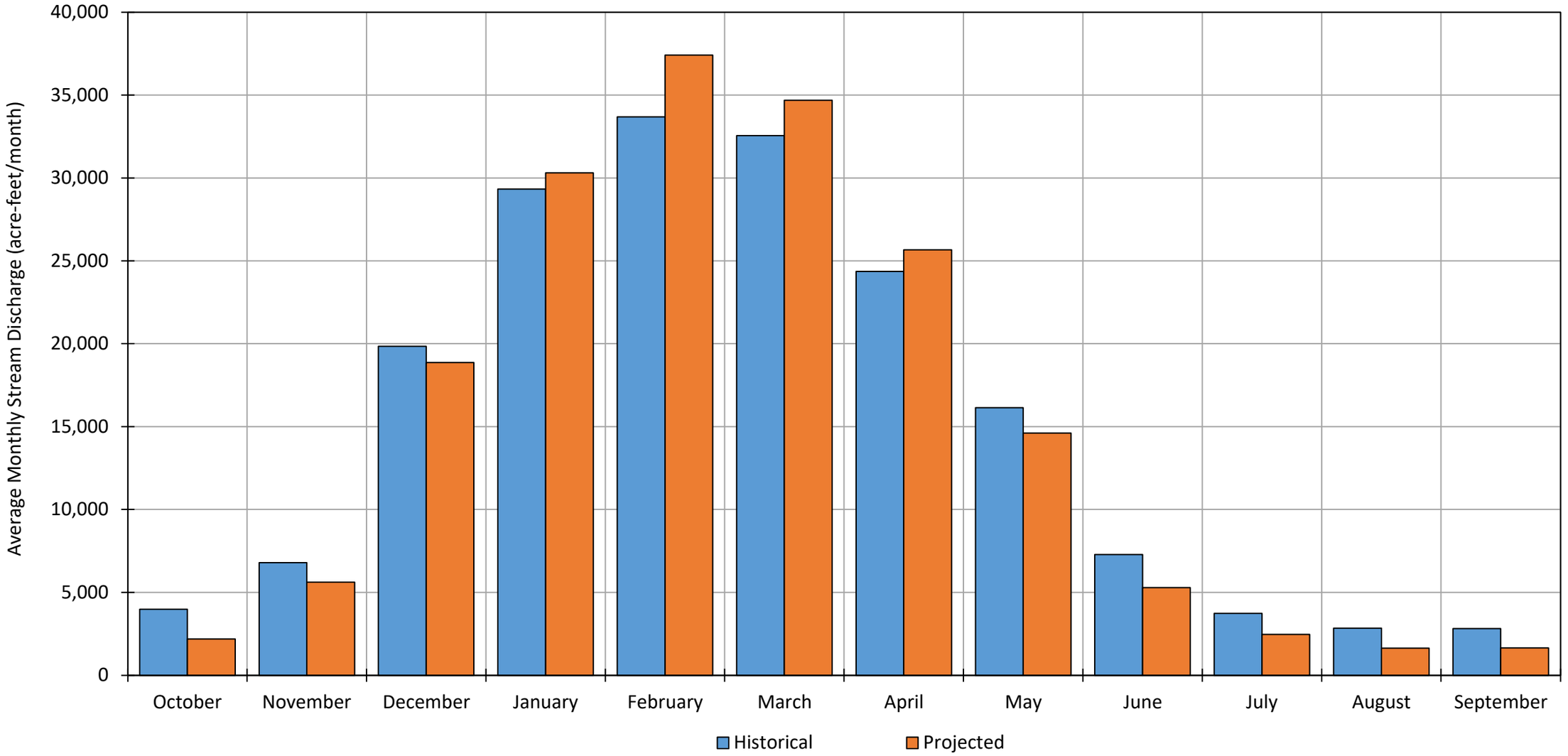
Tehama IHM - Projected (Future Land Use) with Climate Change (2030)



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Deer Creek Group to Sacramento River

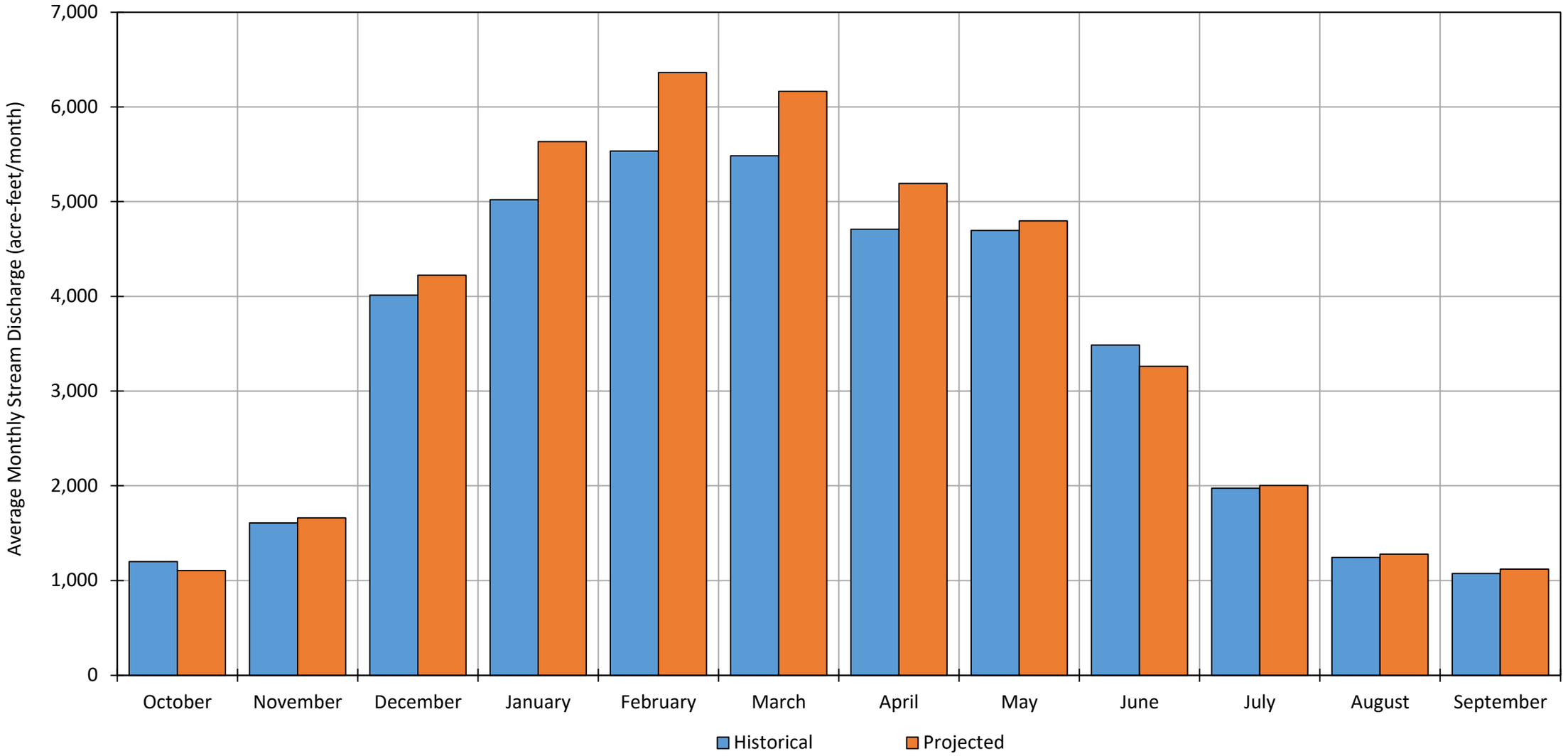
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Dye Creek to Sacramento River

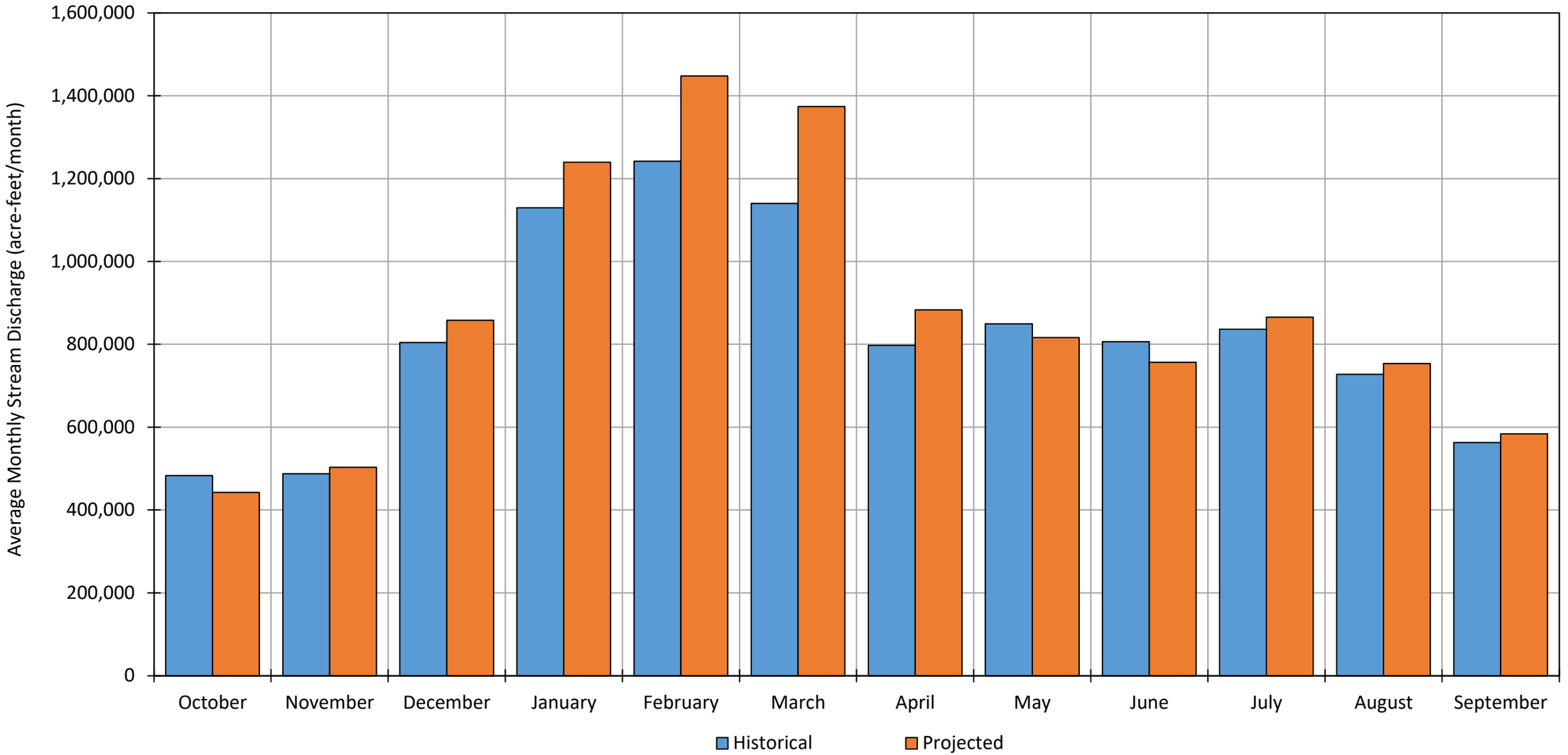
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Sacramento River at Los Molinos Subbasin Boundary

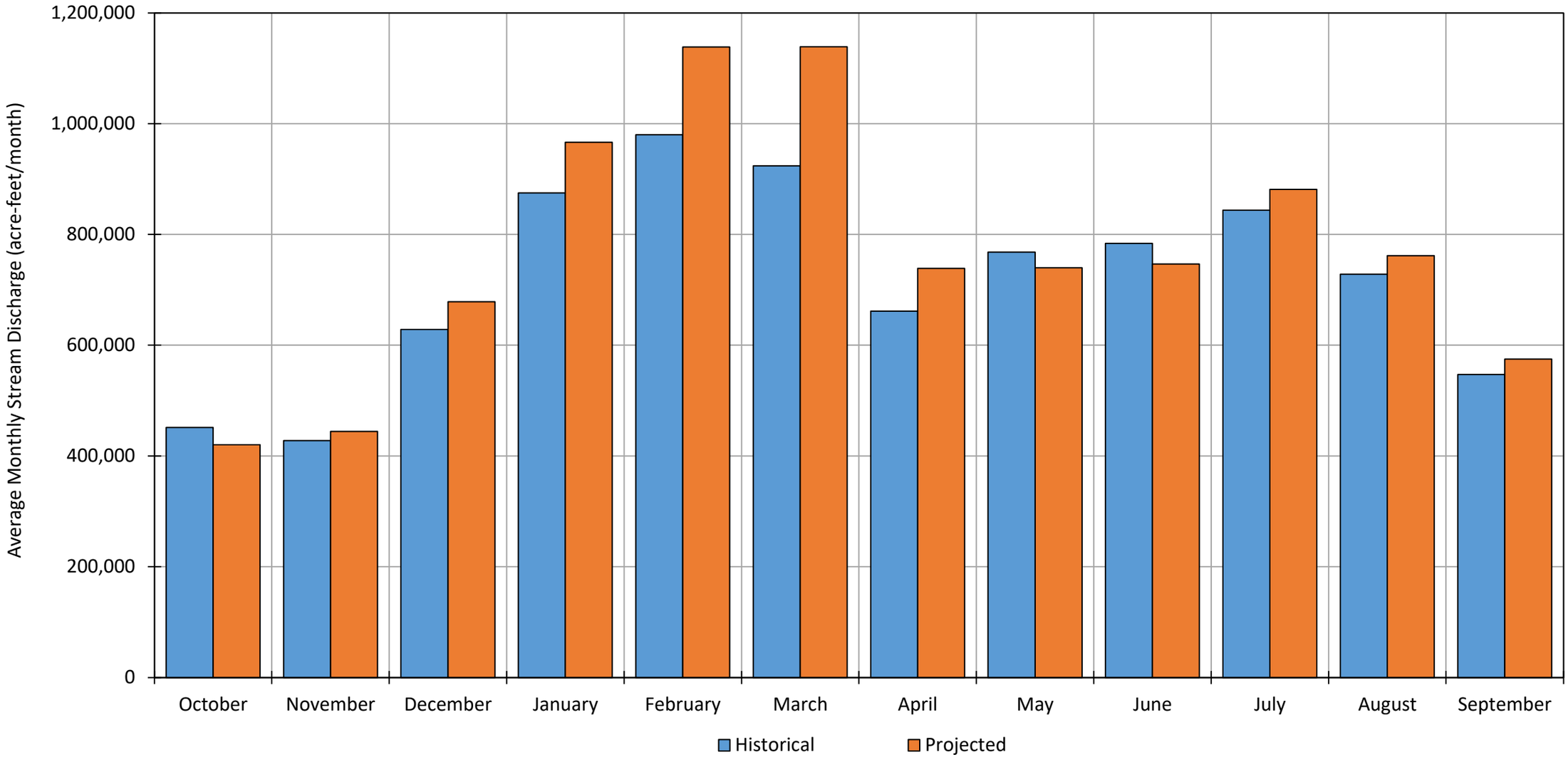
Los Molinos Subbasin



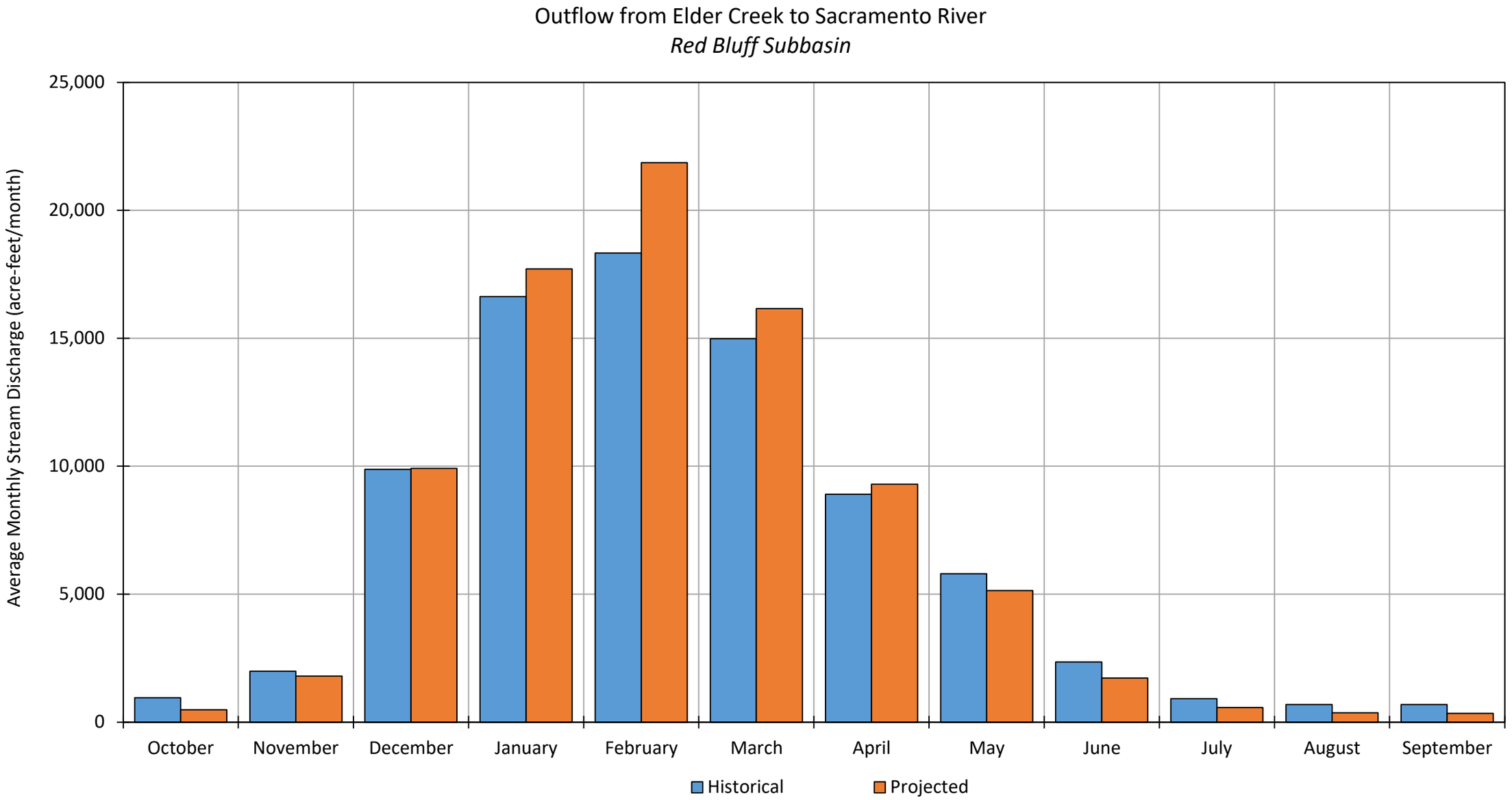
Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Inflow from Sacramento River at Red Bluff Subbasin Boundary

Red Bluff Subbasin



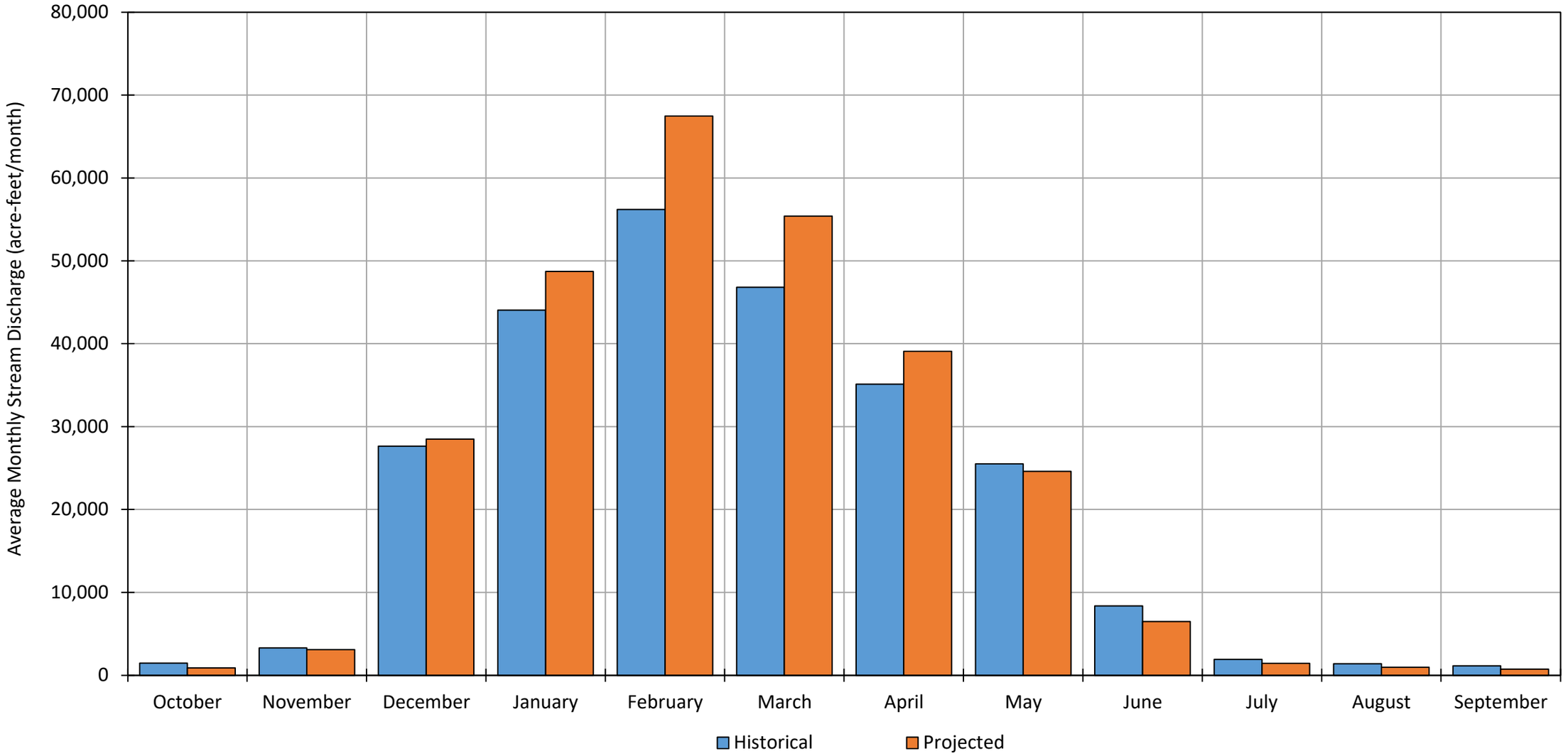
Tehama IHM - Projected (Future Land Use) with Climate Change (2030)



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Thomes Creek to Sacramento River

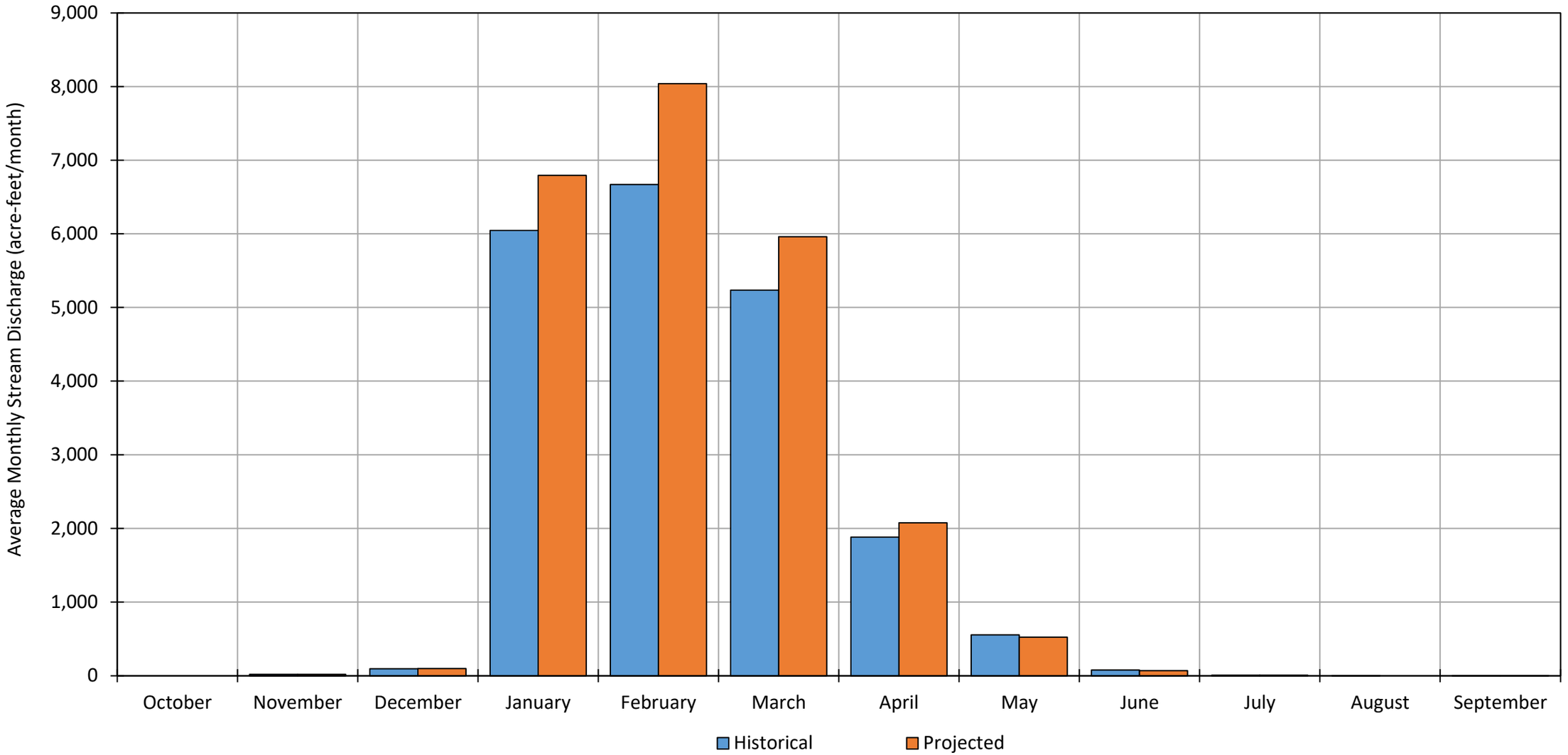
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Red Bank Creek to Sacramento River

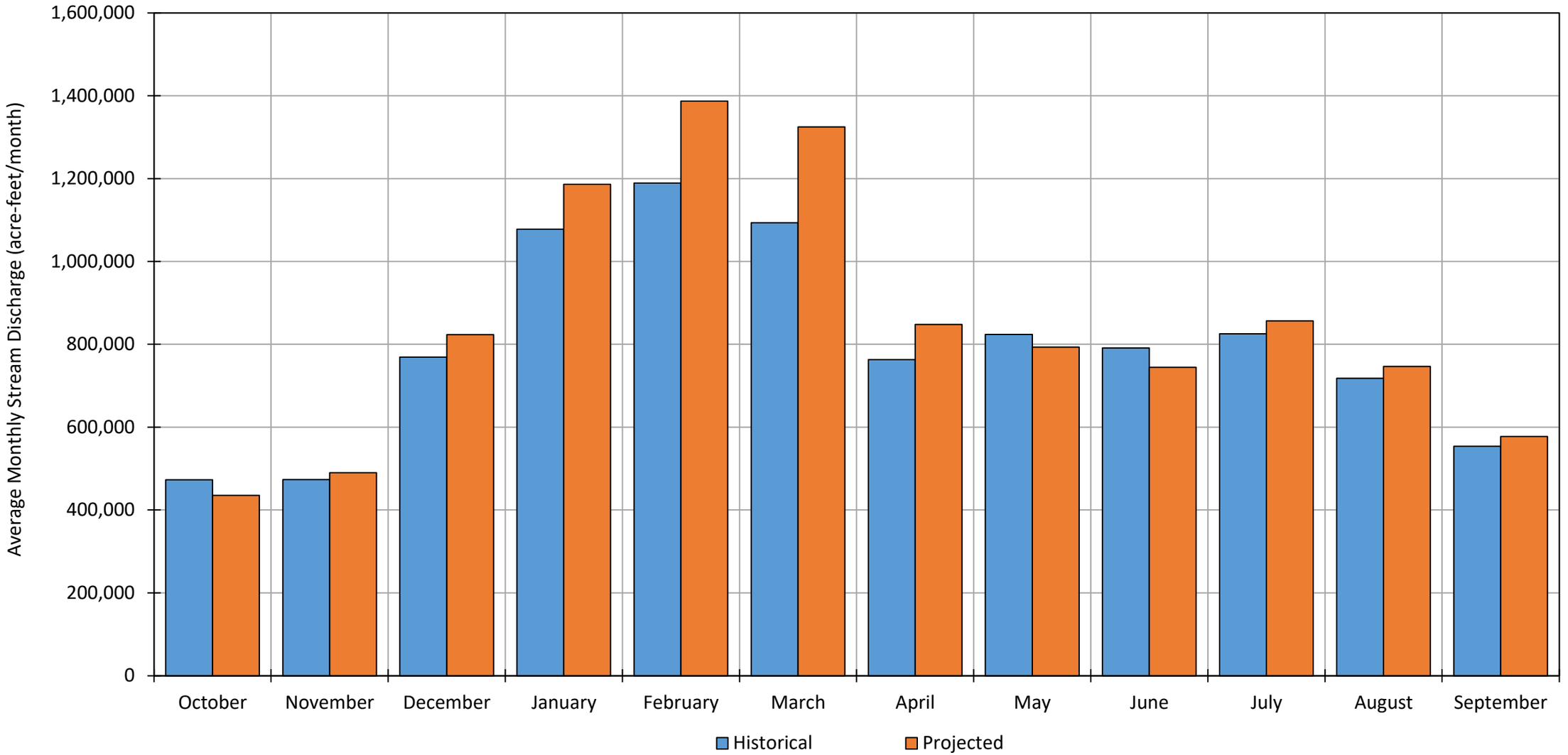
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2030)

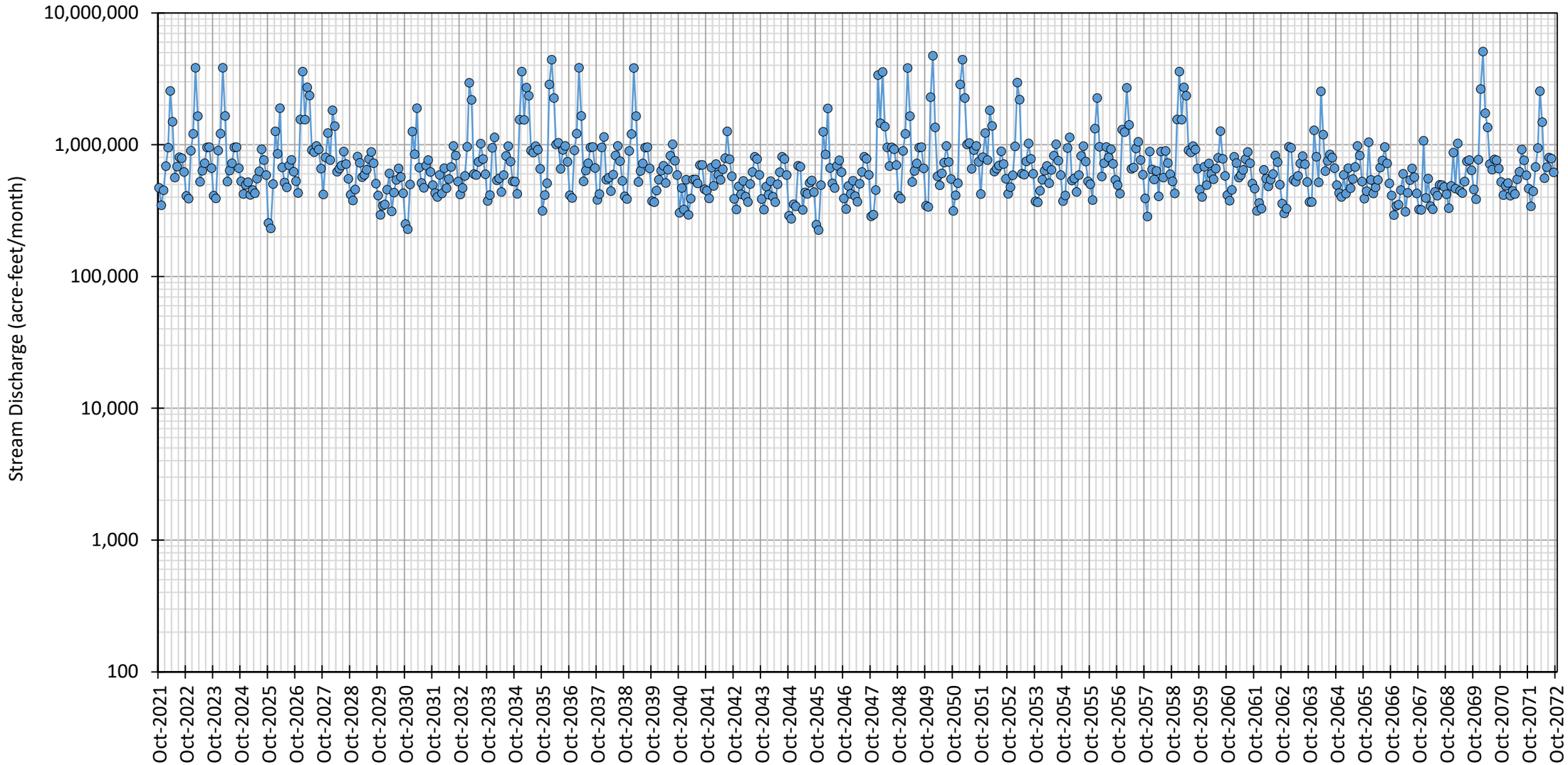
APPENDIX G-7

Tehama IHM Simulated Streamflows:

Projected (Future Land Use) with Climate Change (2070) Model Results

Inflow from Sacramento River at Antelope Subbasin Boundary

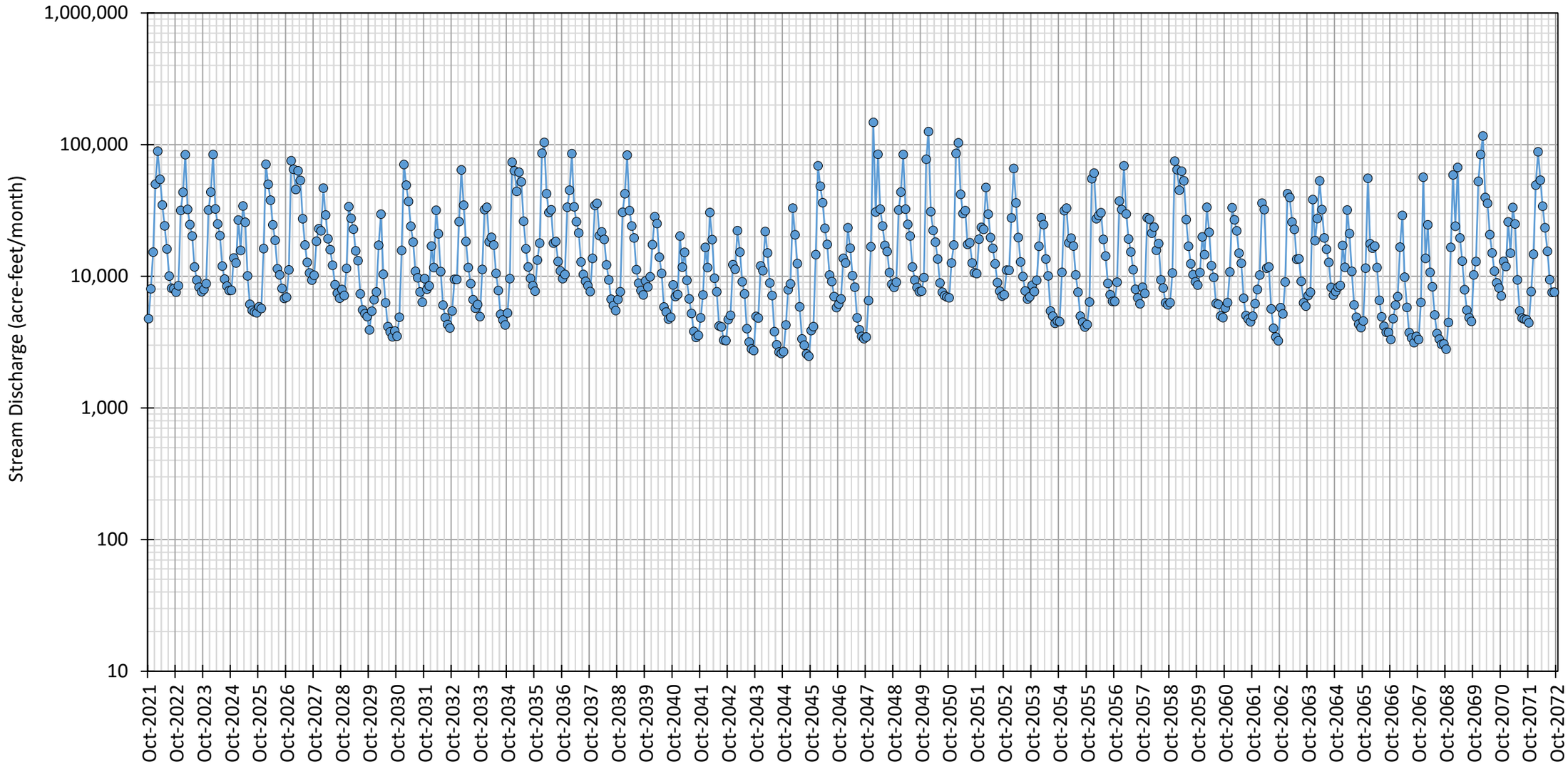
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Antelope Creek Group to Sacramento River

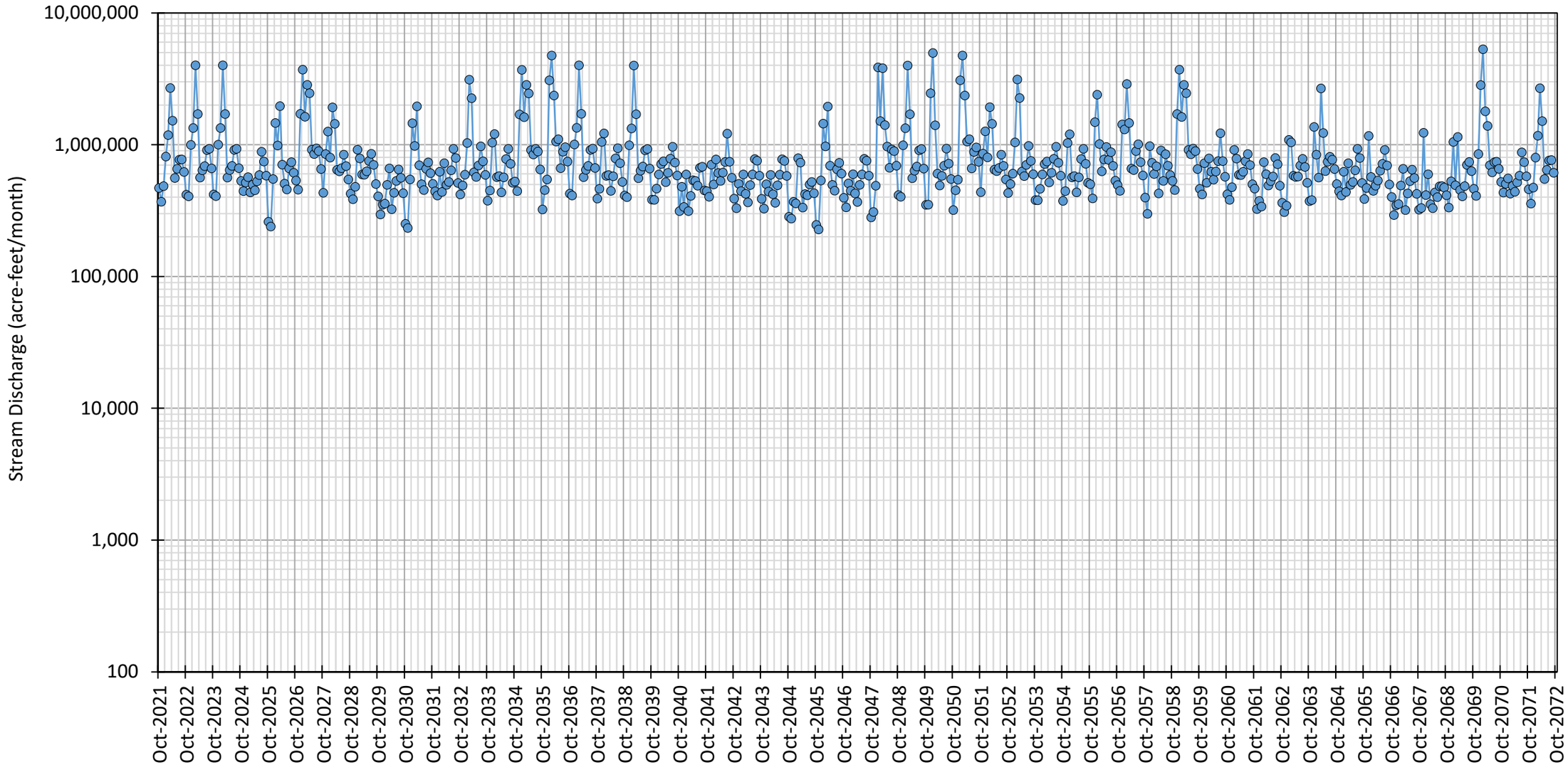
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Sacramento River at Antelope Subbasin Boundary

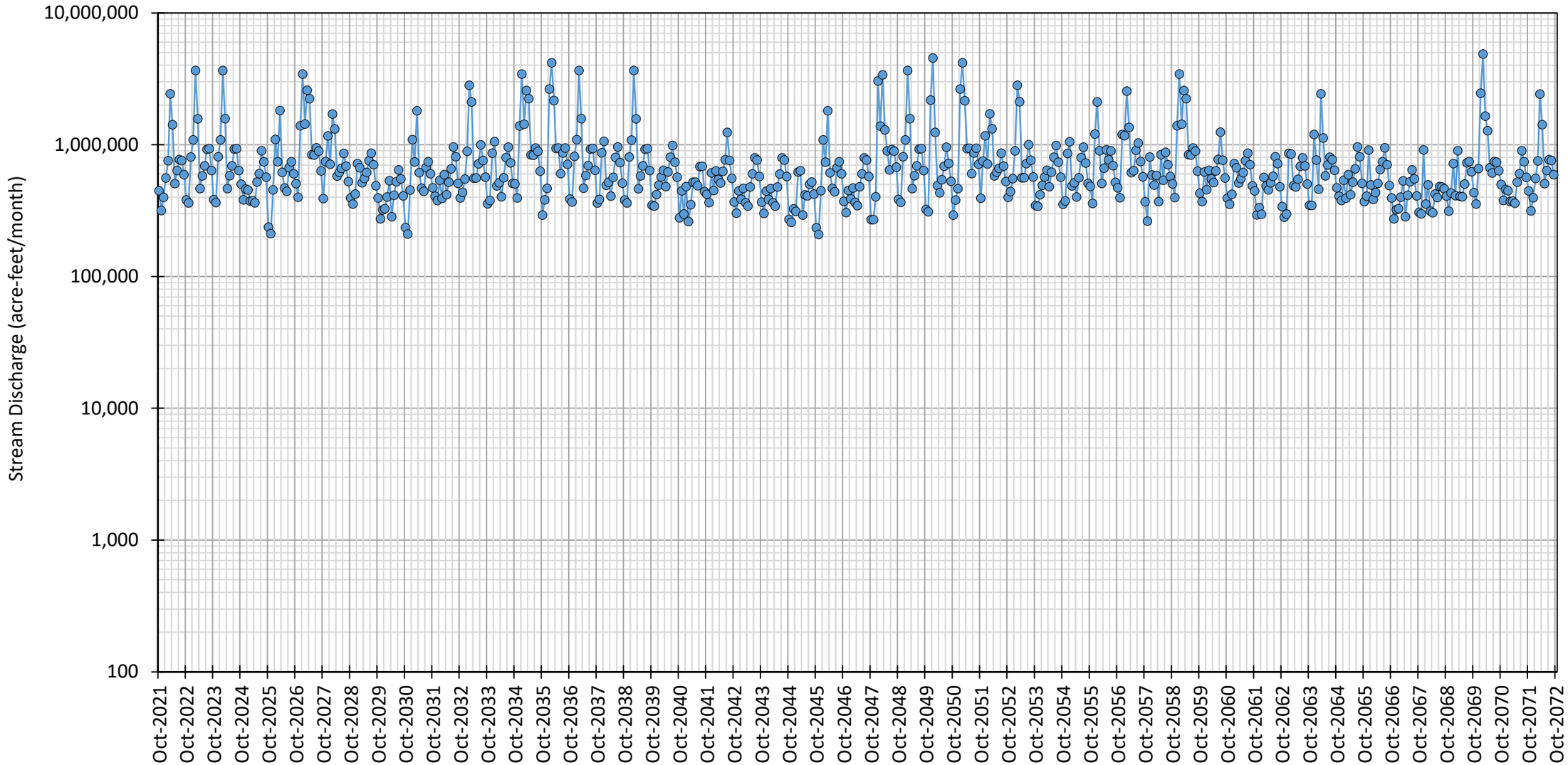
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Inflow from Sacramento River at Bowman Subbasin Boundary

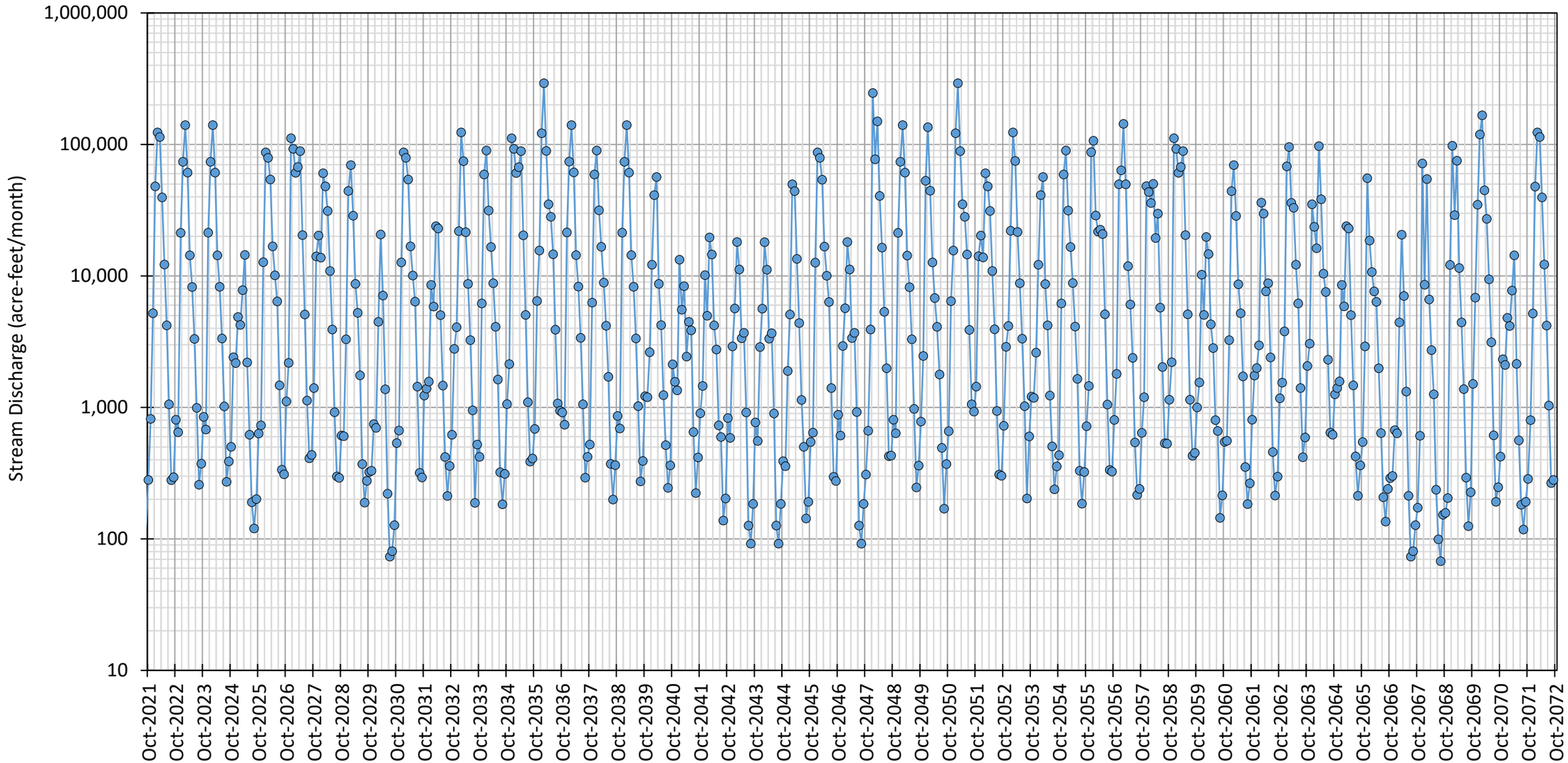
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from MF Cottonwood Creek to Cottonwood Creek

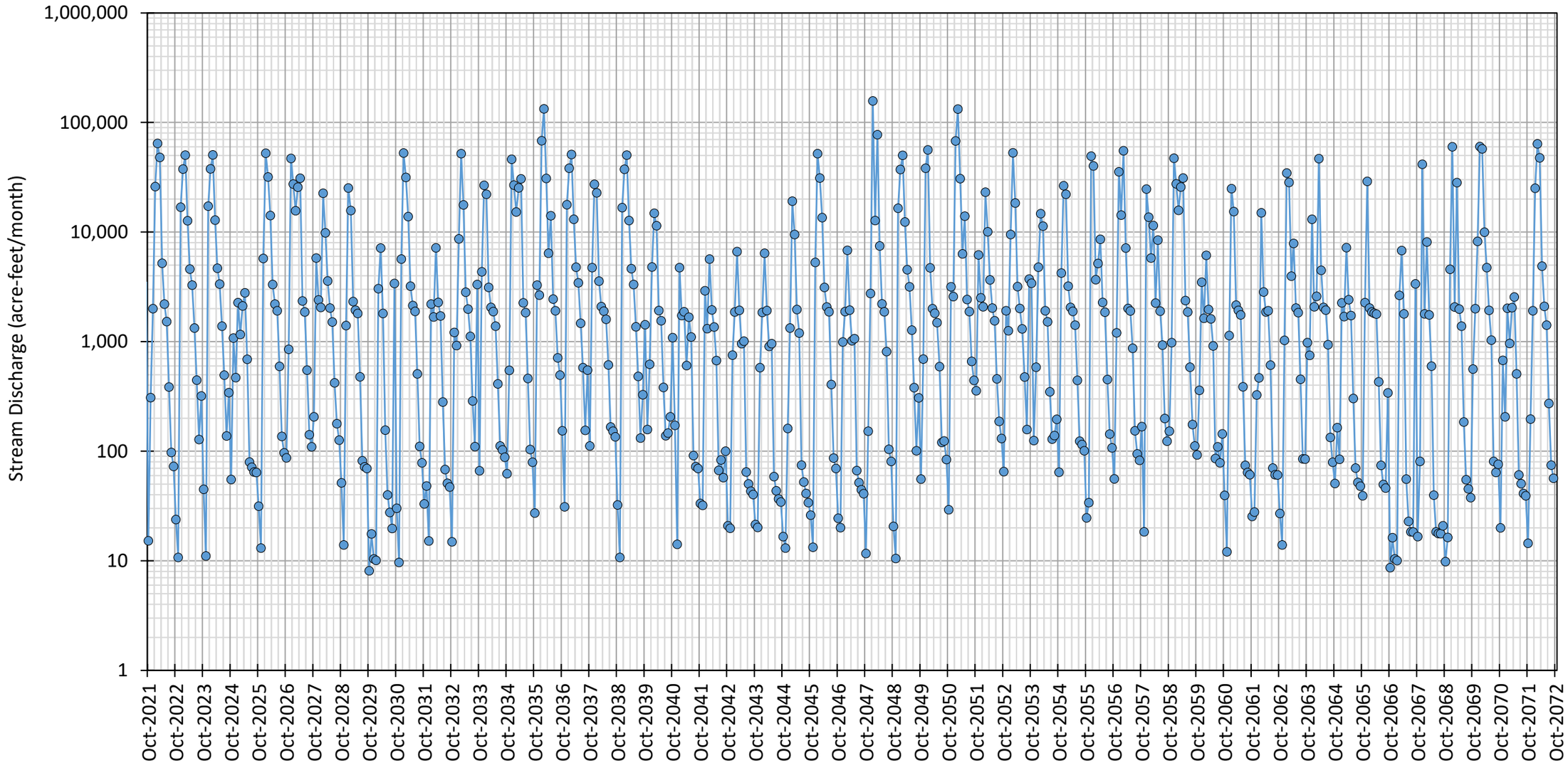
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from SF Cottonwood Creek to Cottonwood Creek

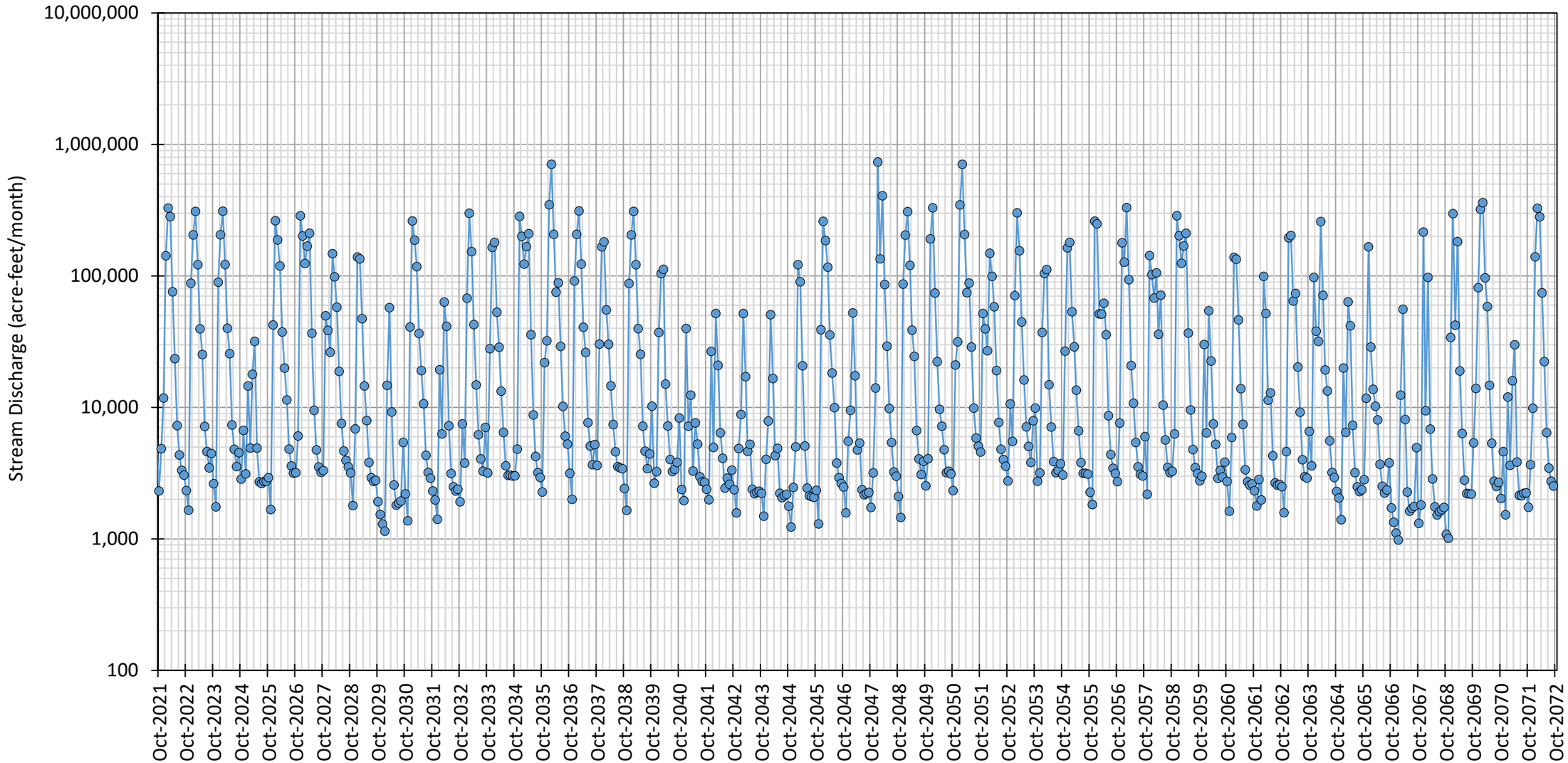
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Cottonwood Creek to Sacramento River

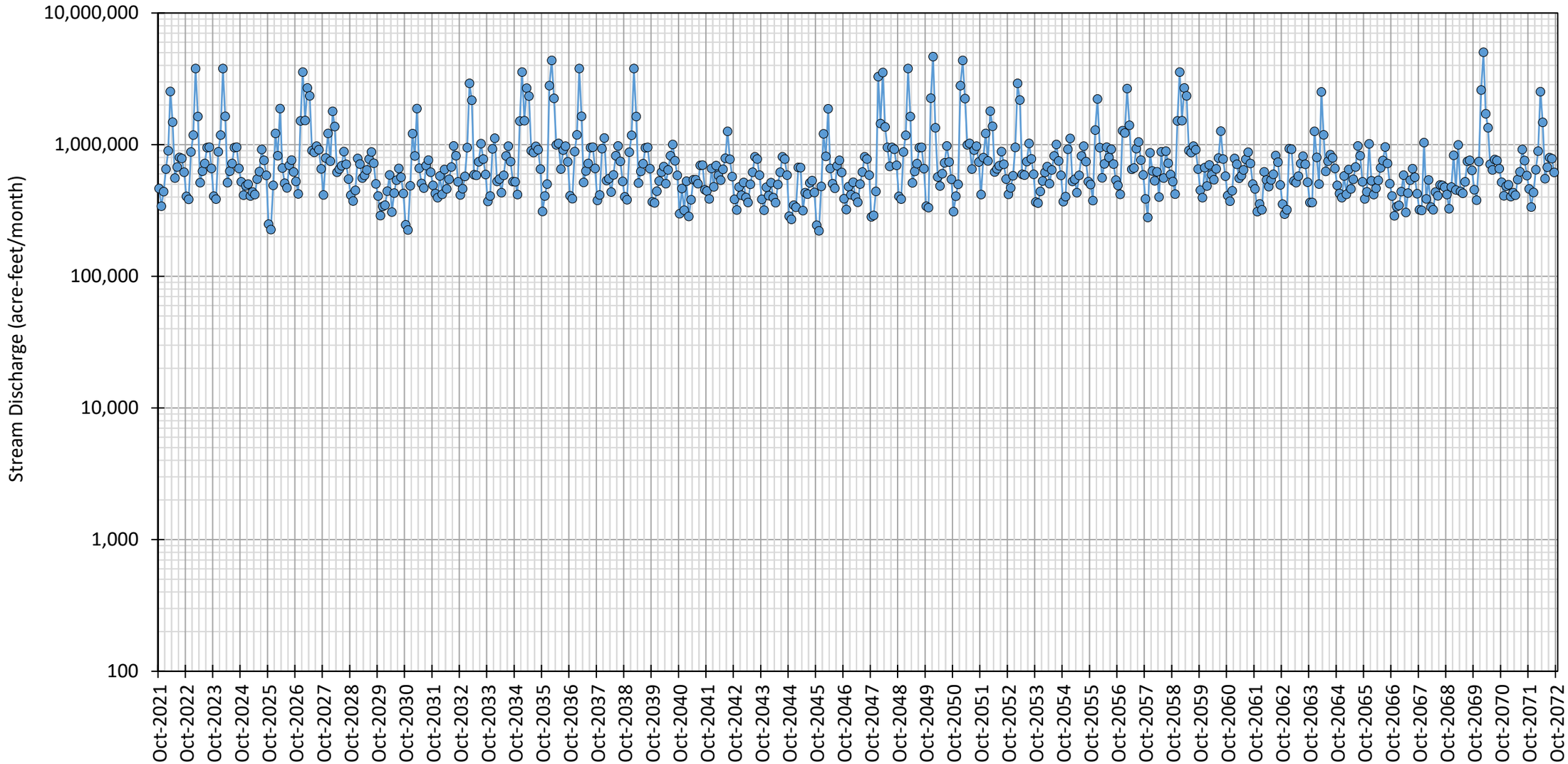
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Sacramento River at Bowman Subbasin Boundary

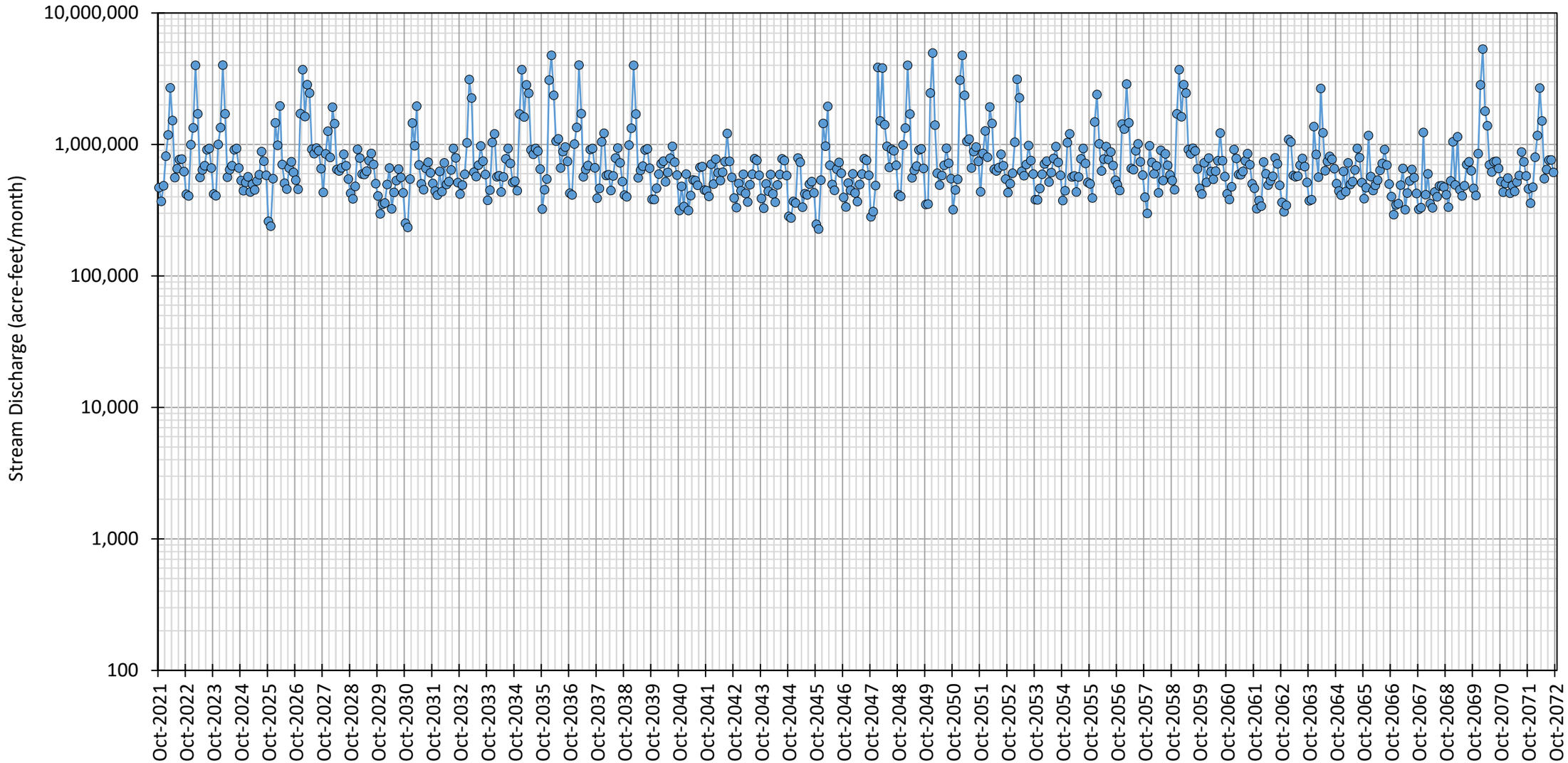
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

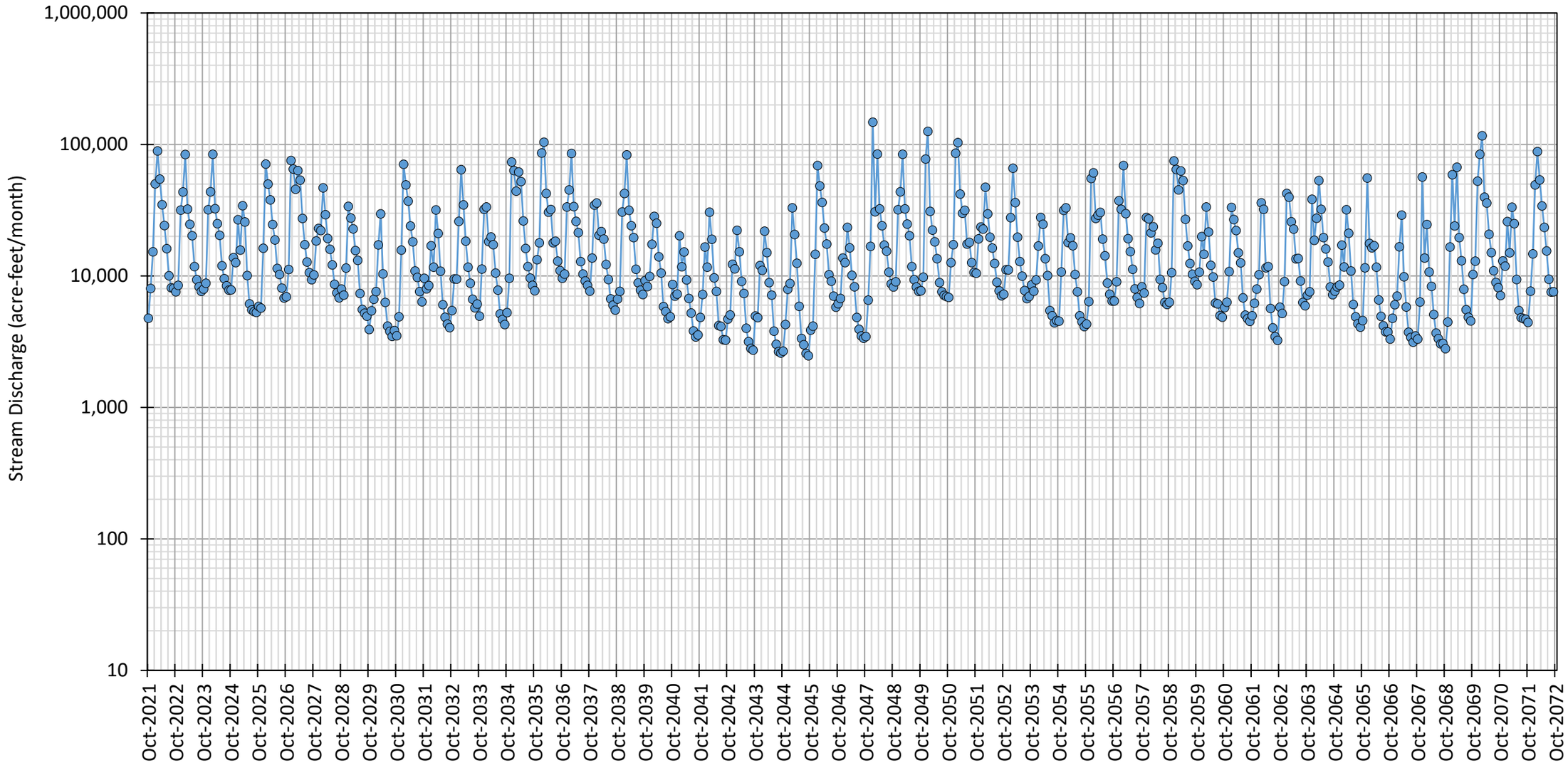
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Antelope Creek Group to Sacramento River

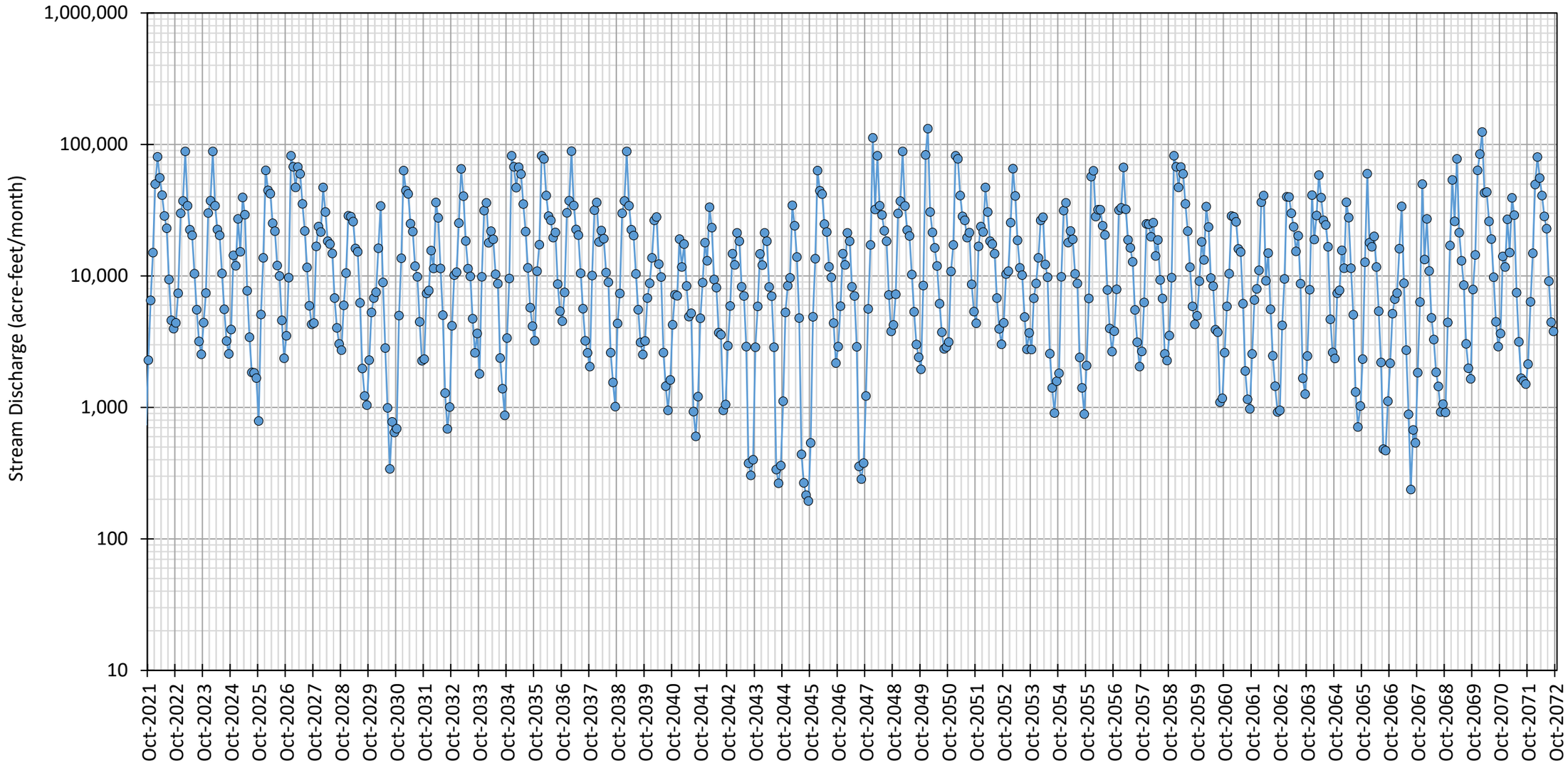
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Mill Creek to Sacramento River

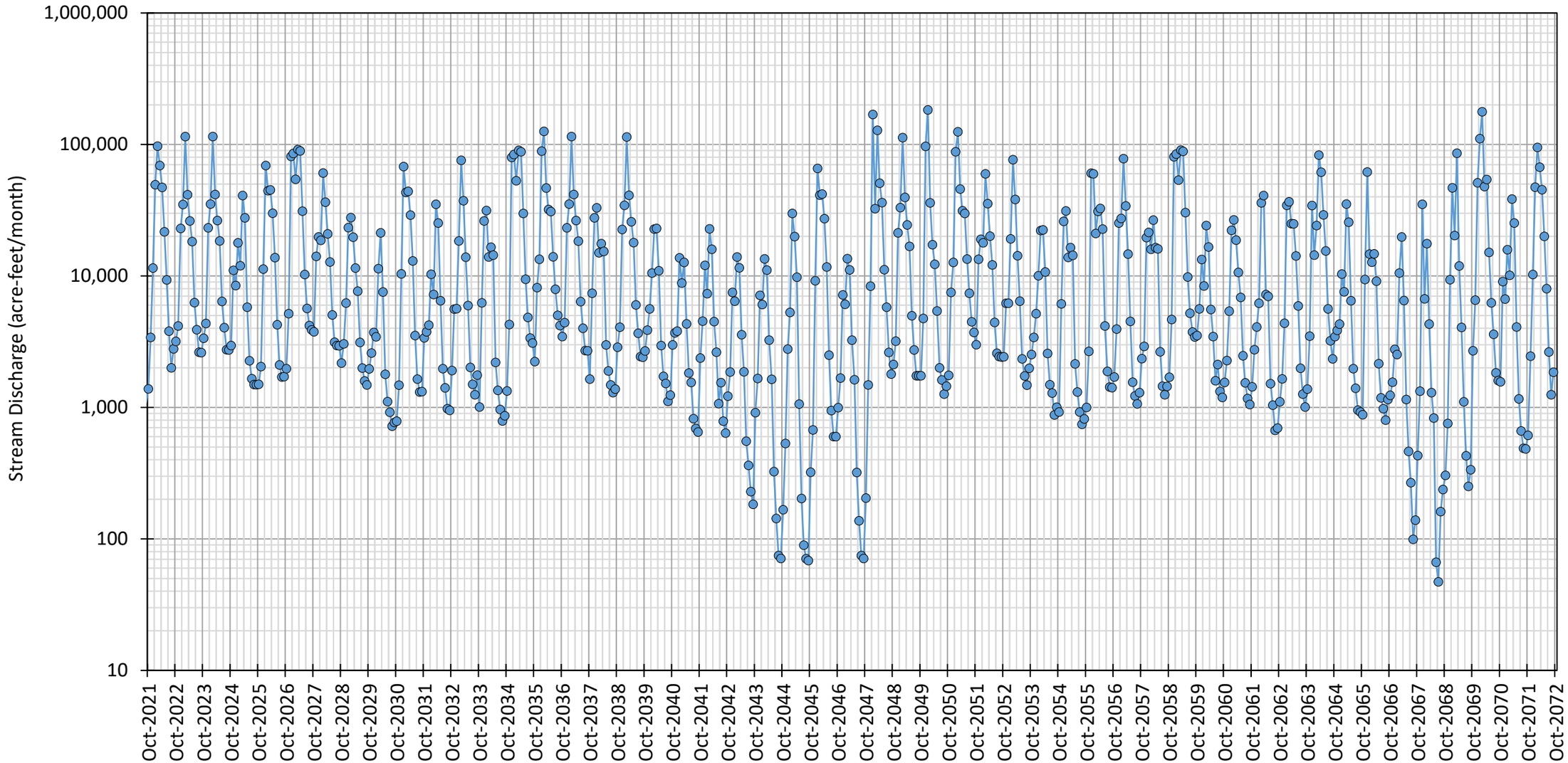
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Deer Creek Group to Sacramento River

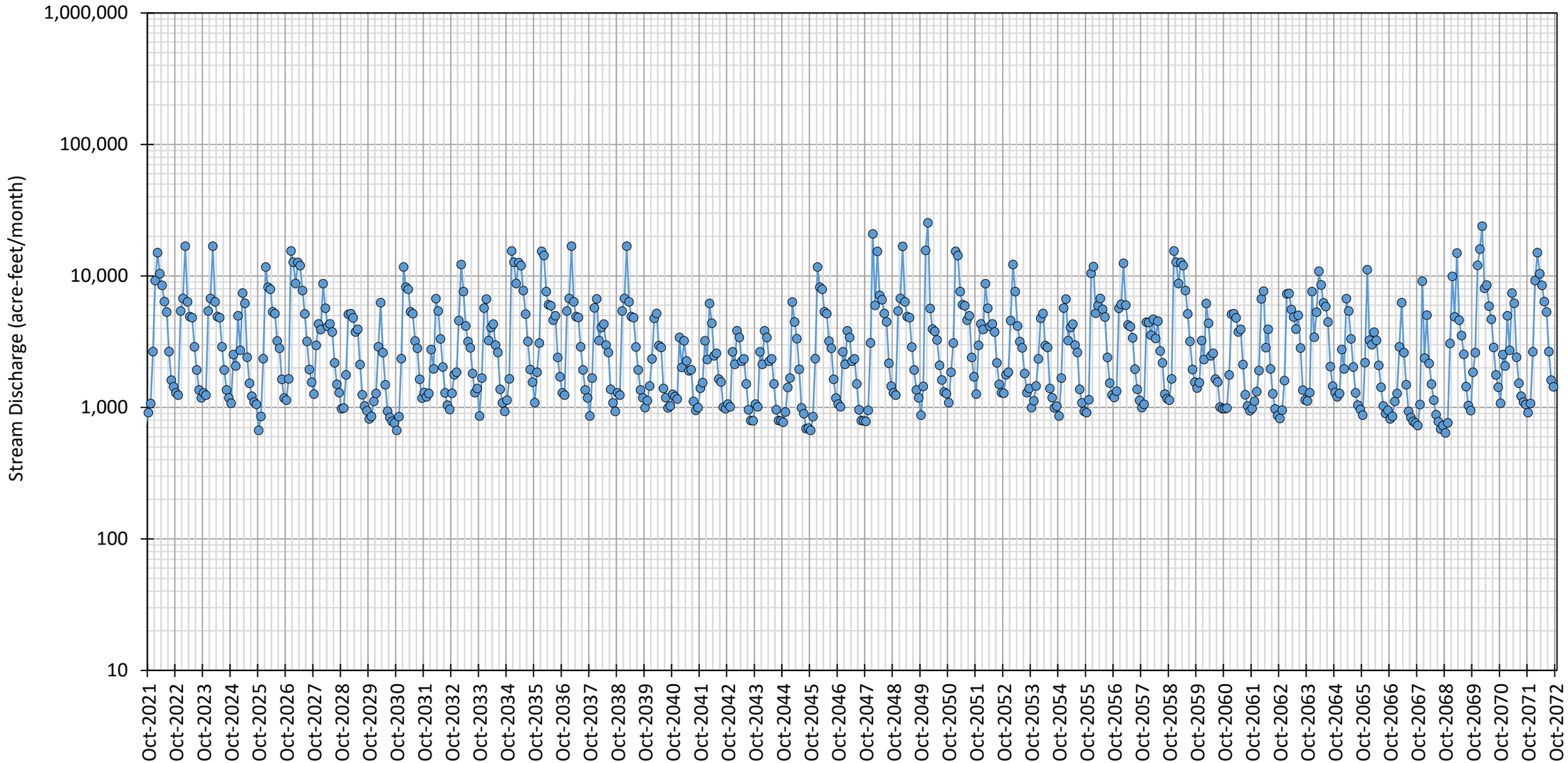
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Dye Creek to Sacramento River

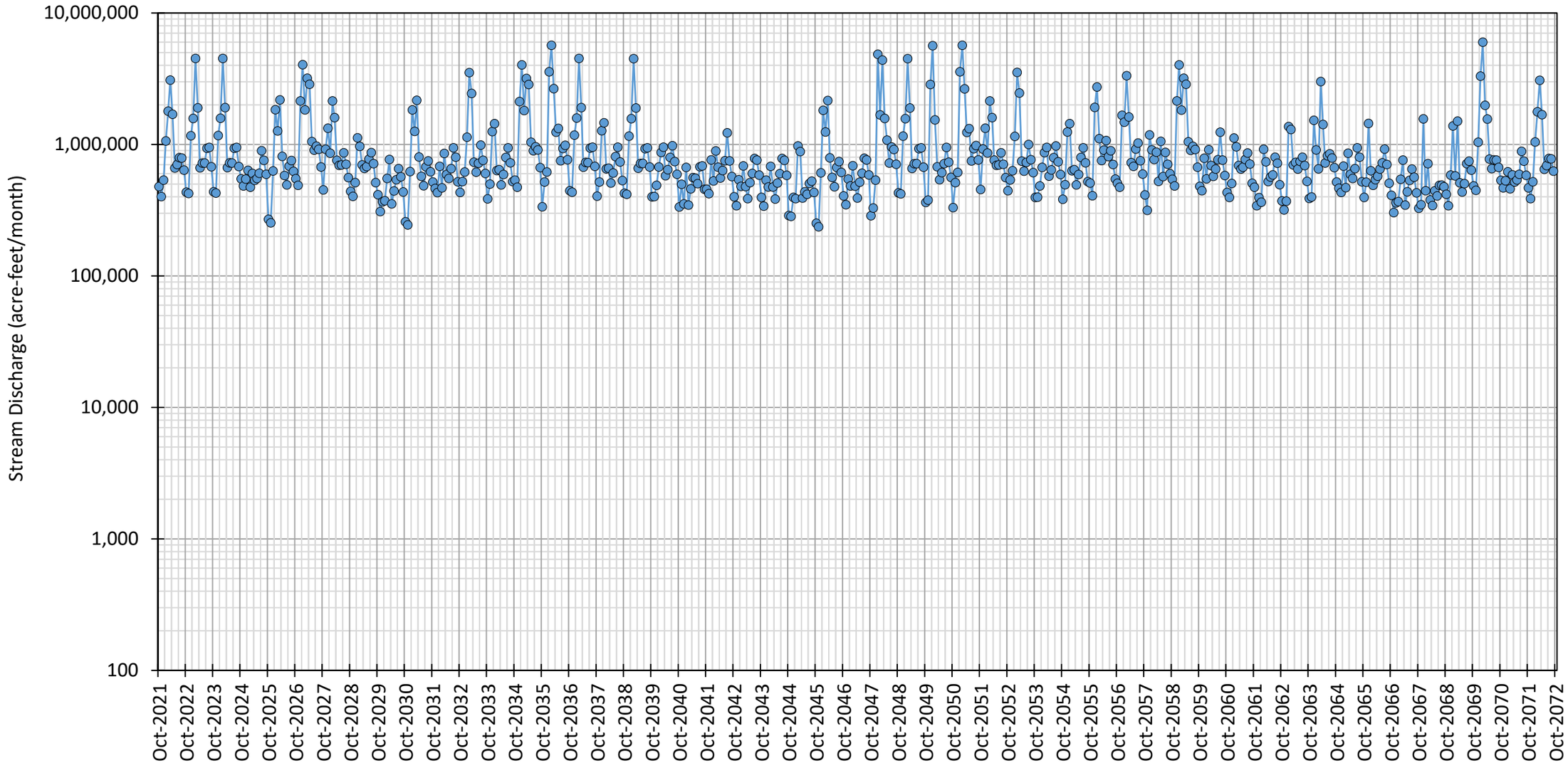
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Sacramento River at Los Molinos Subbasin Boundary

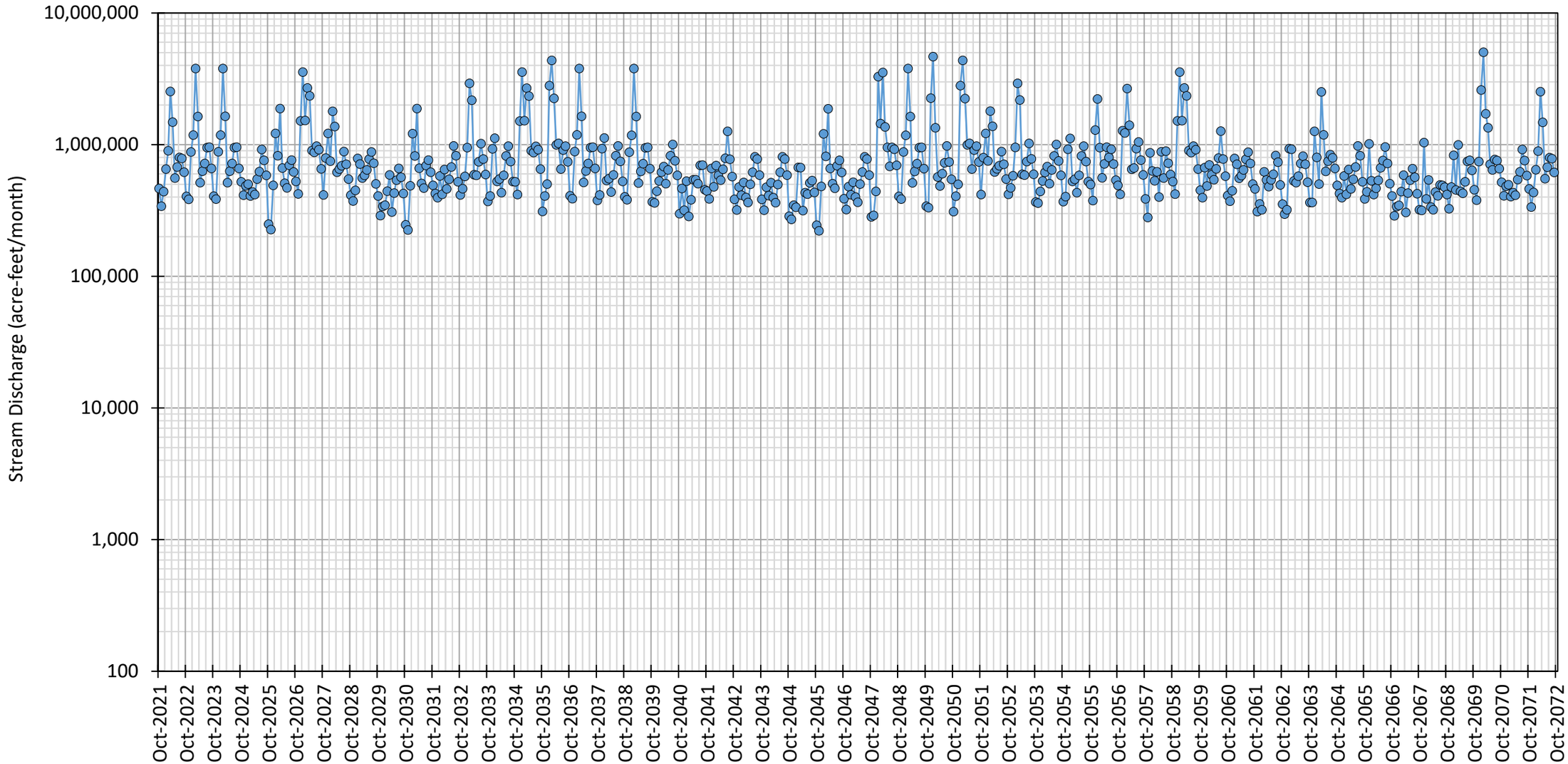
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Inflow from Sacramento River at Red Bluff Subbasin Boundary

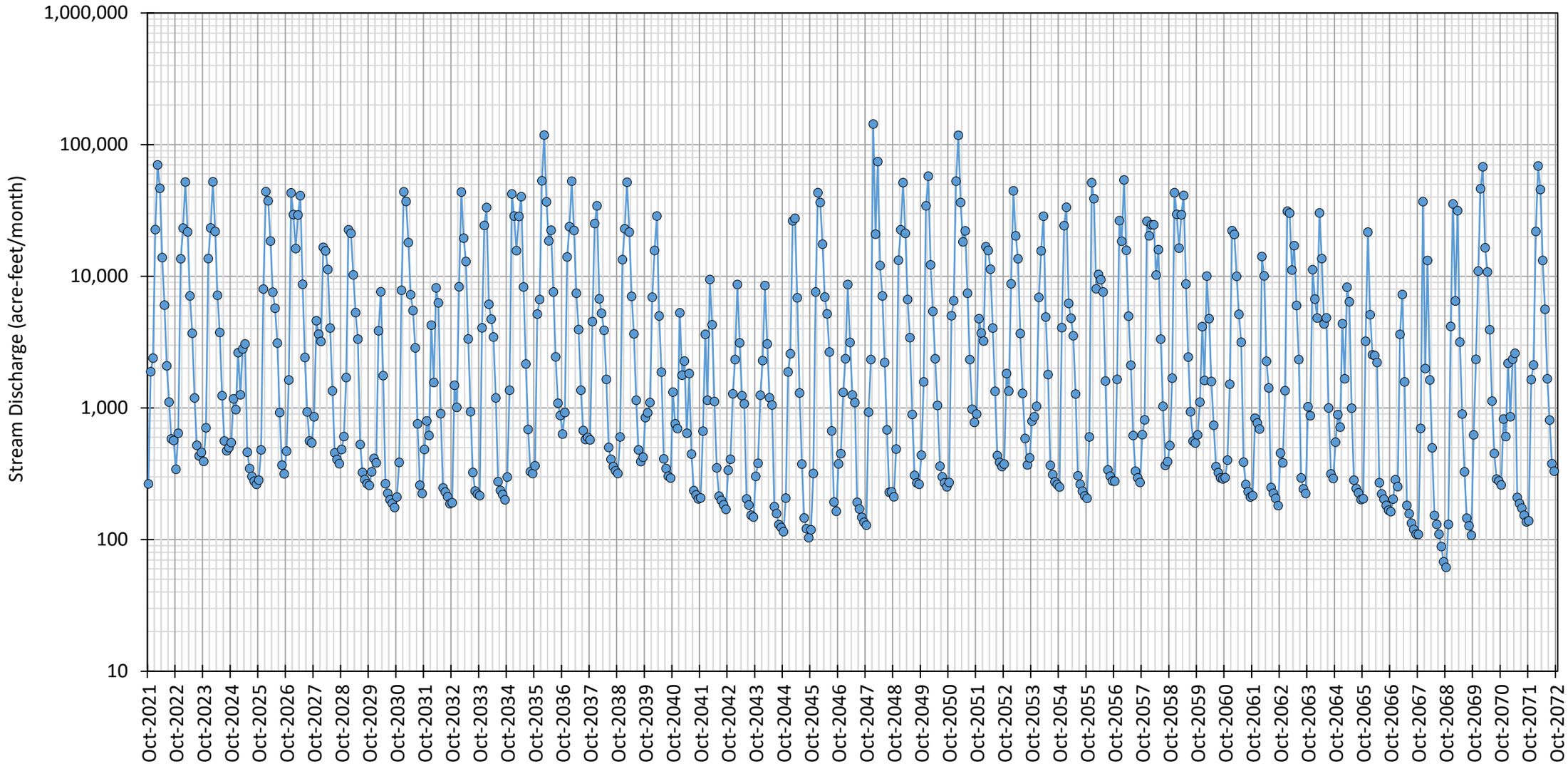
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Elder Creek to Sacramento River

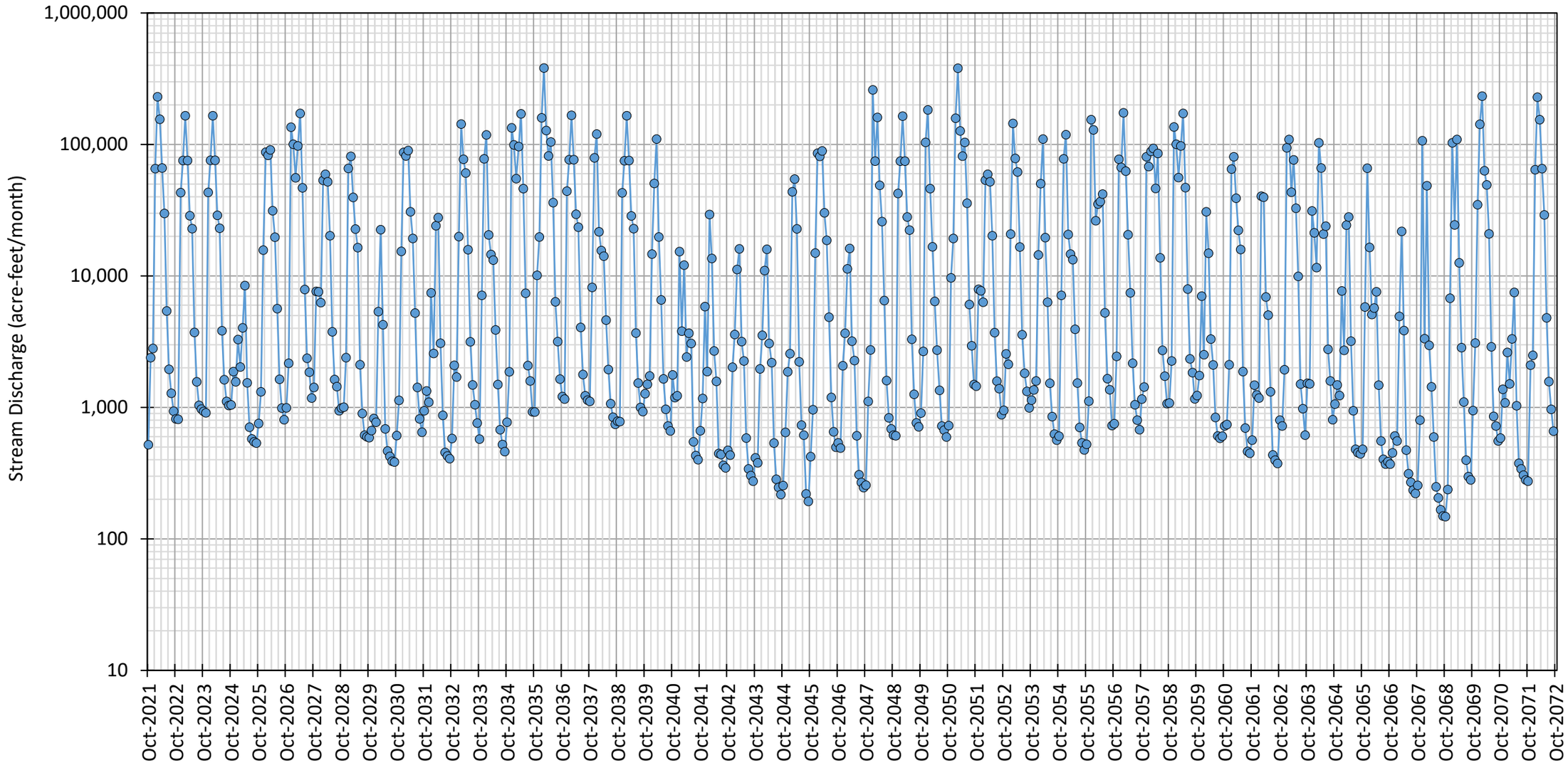
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Thomes Creek to Sacramento River

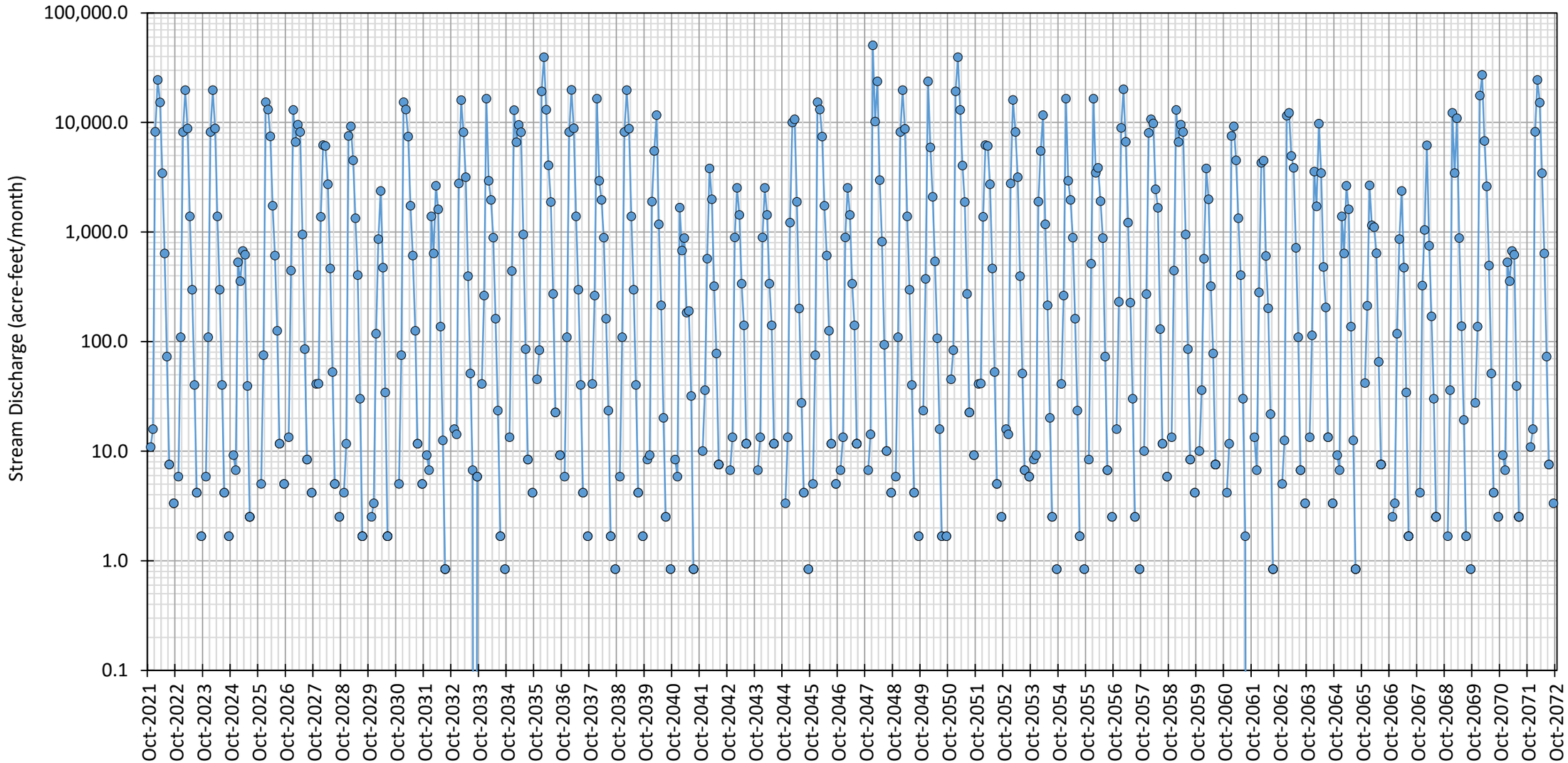
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Red Bank Creek to Sacramento River

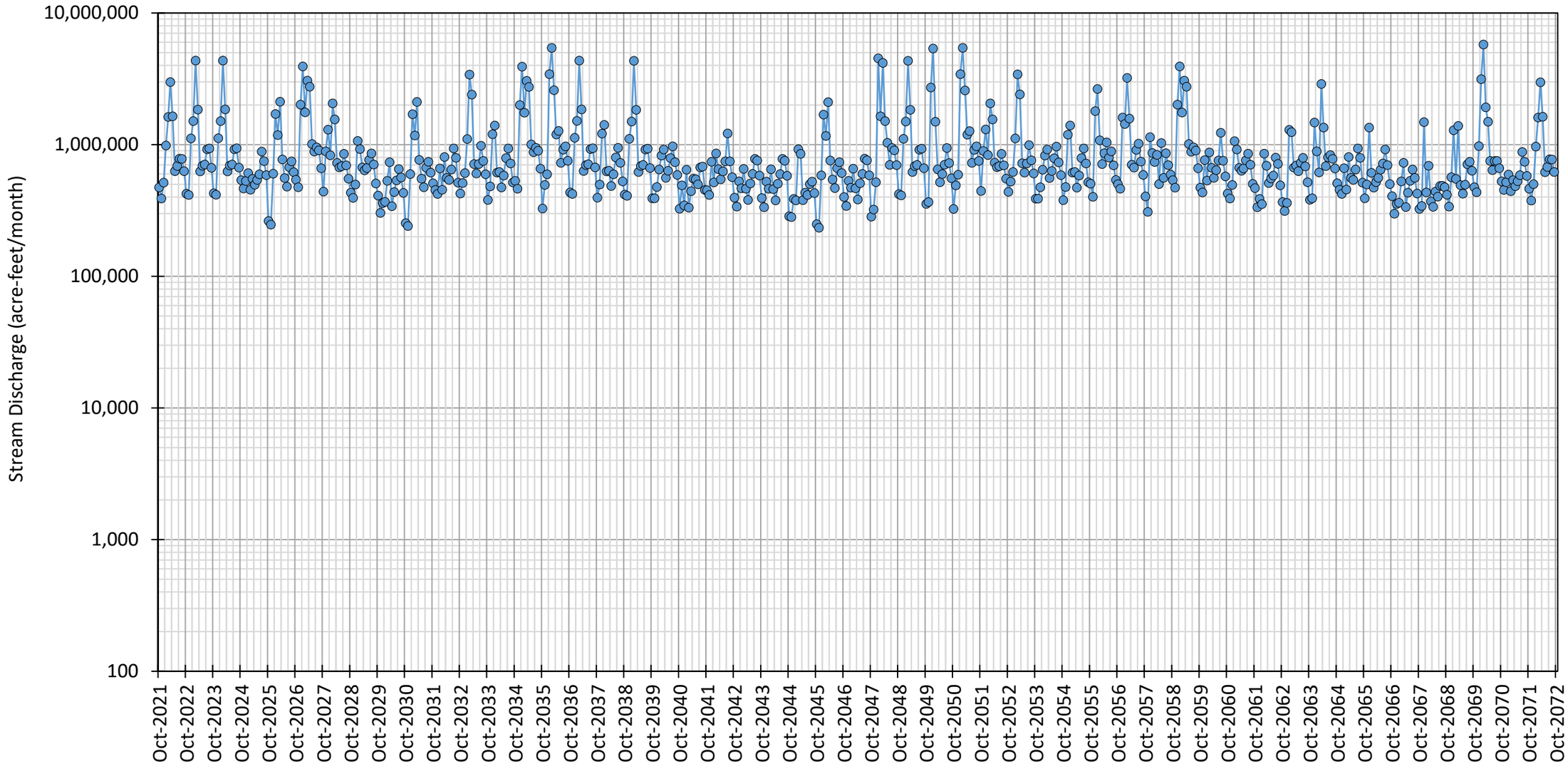
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

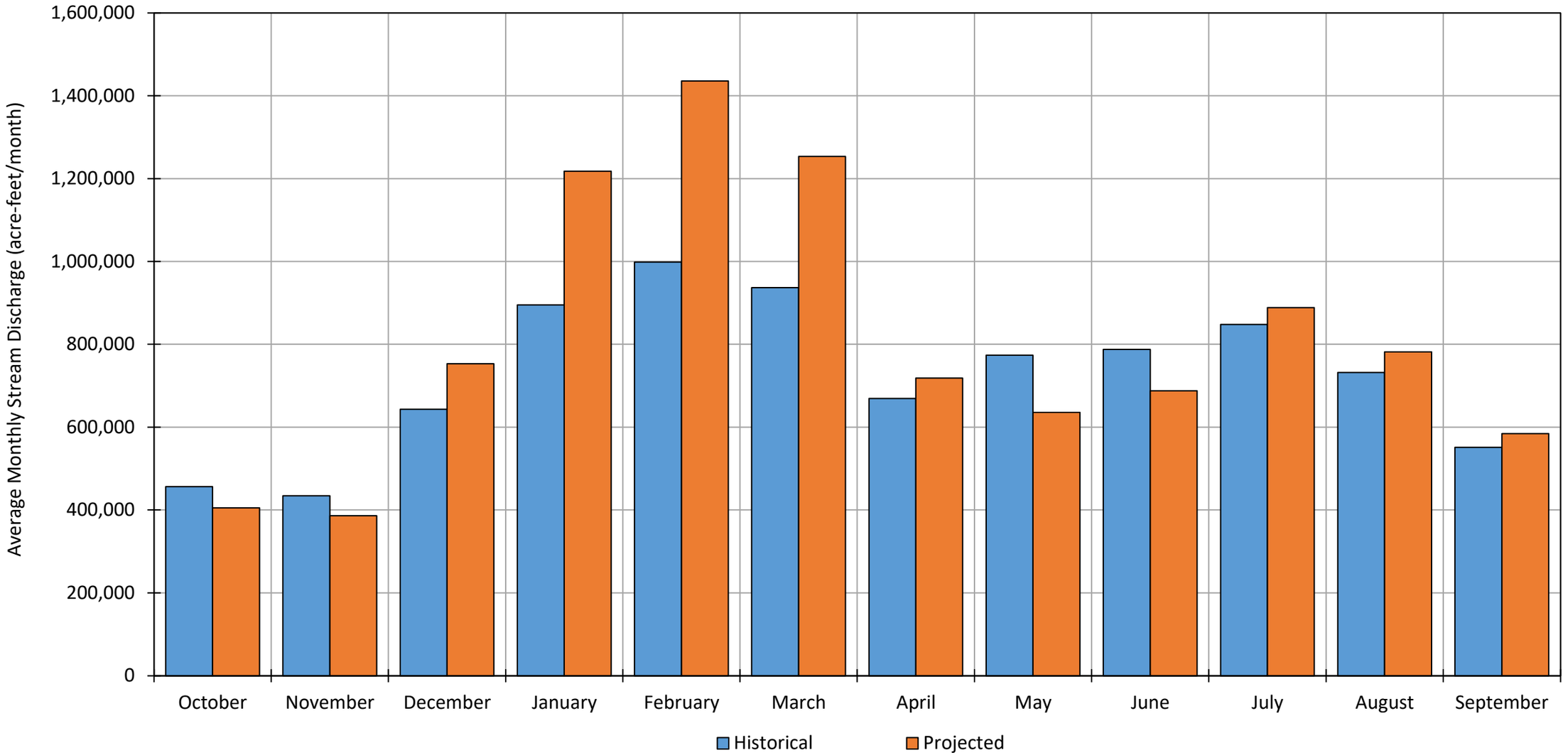
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Inflow from Sacramento River at Antelope Subbasin Boundary

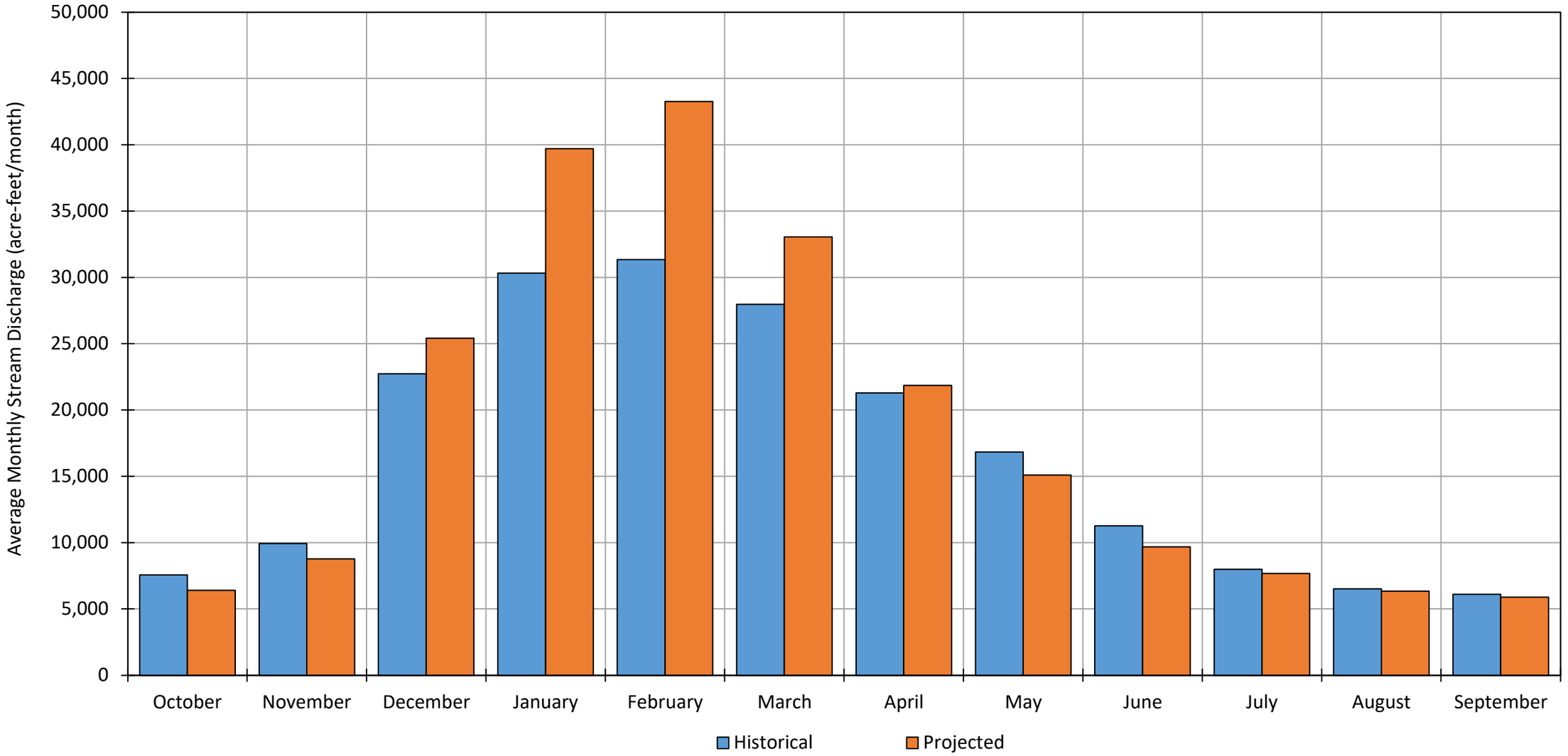
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Antelope Creek Group to Sacramento River

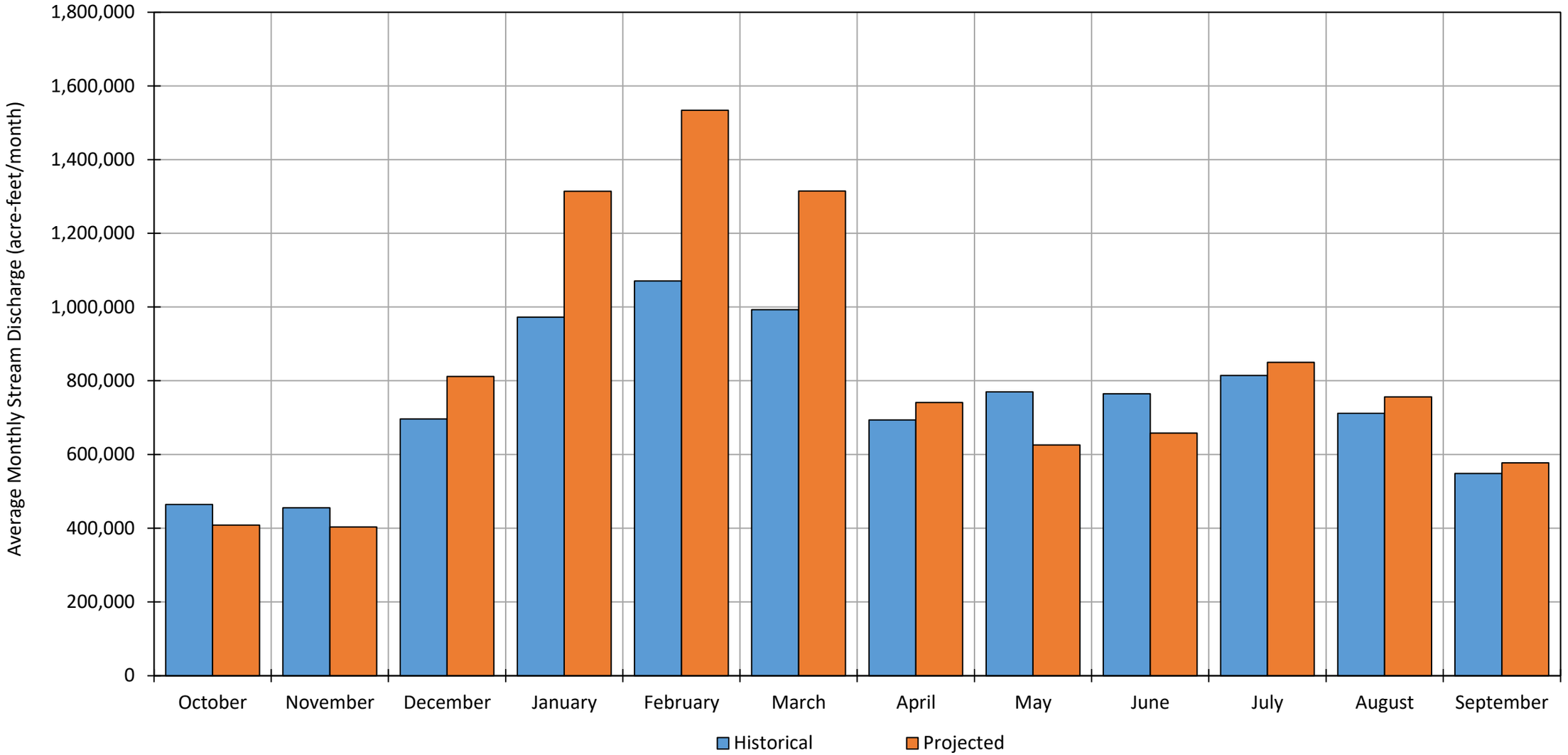
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Sacramento River at Antelope Subbasin Boundary

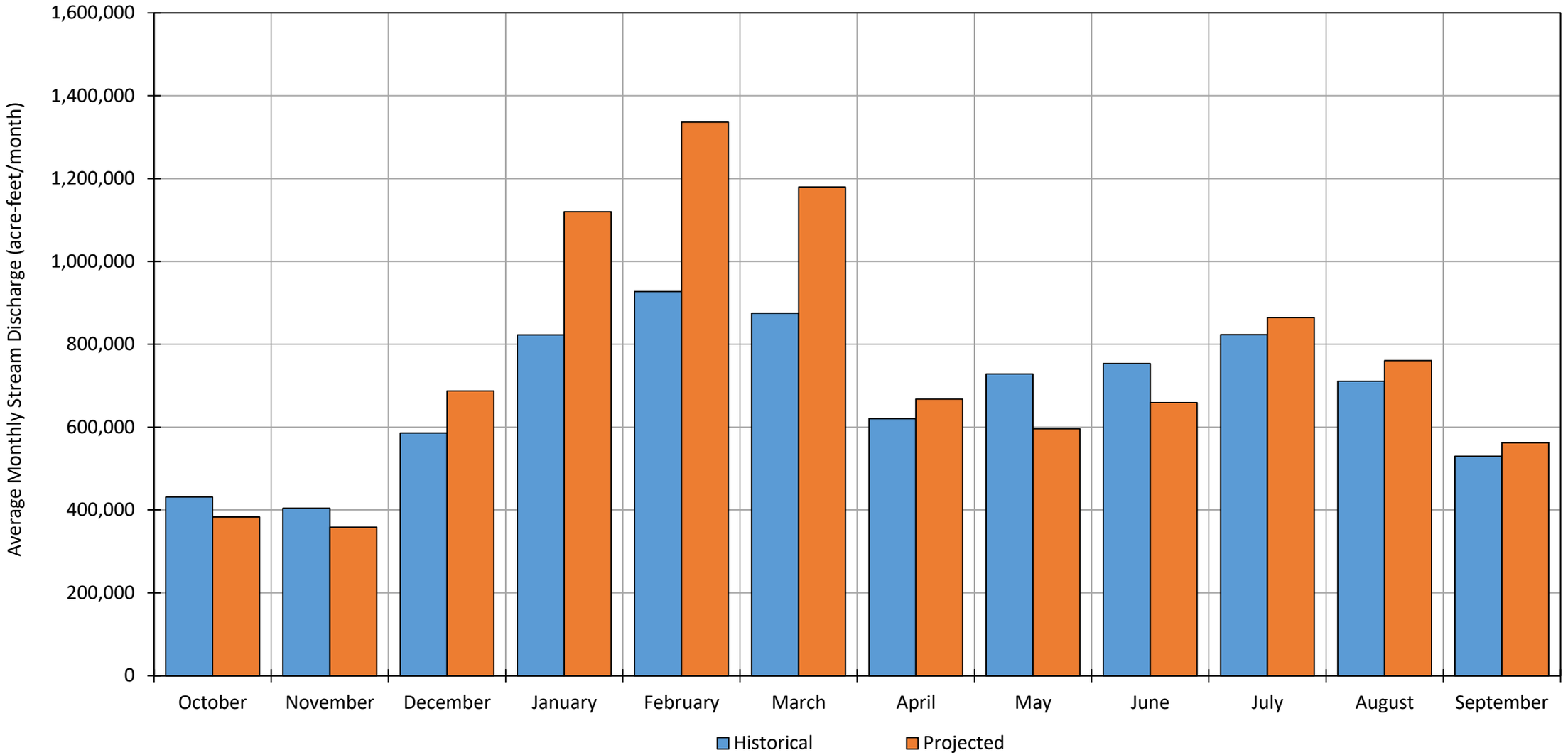
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Inflow from Sacramento River at Bowman Subbasin Boundary

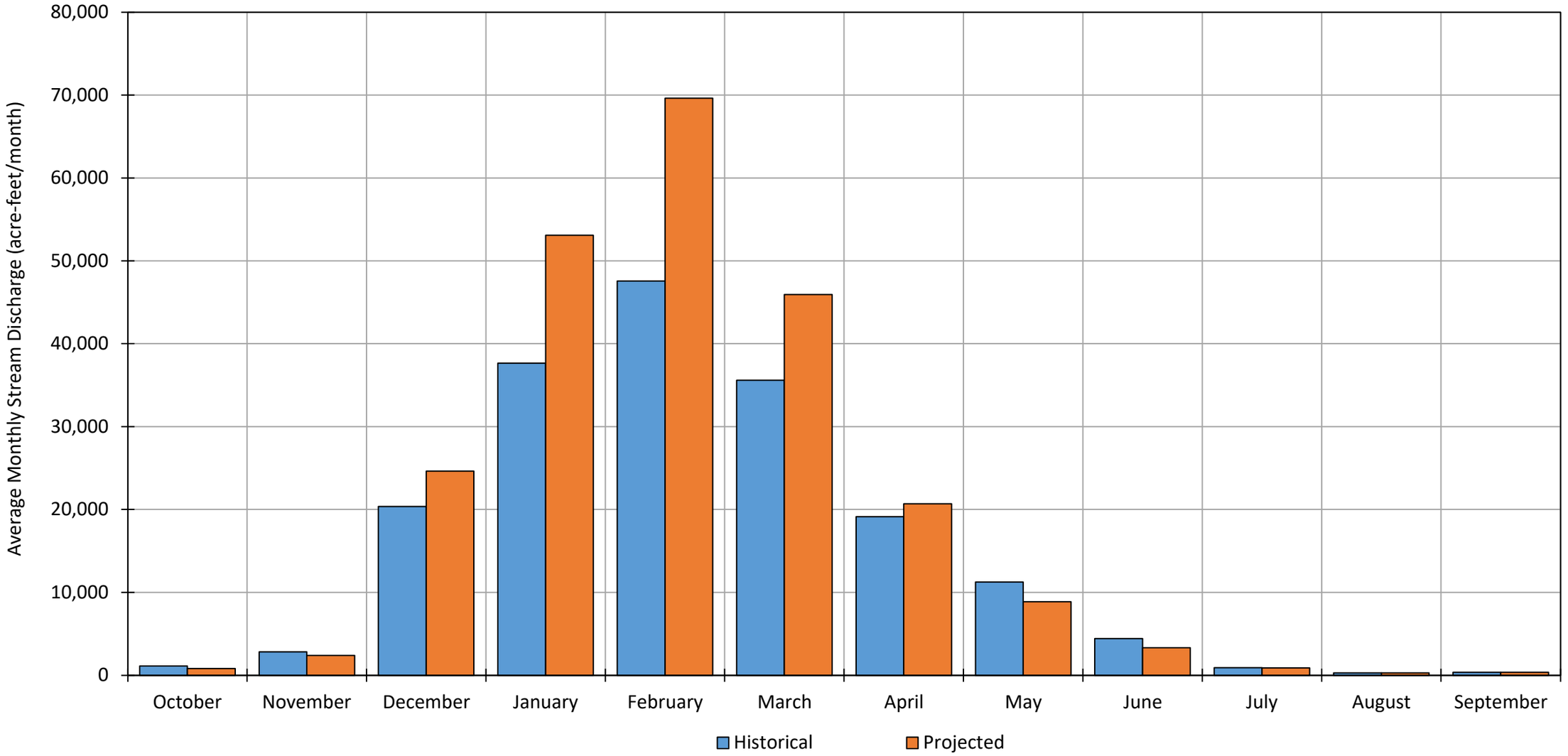
Bowman Subbasin



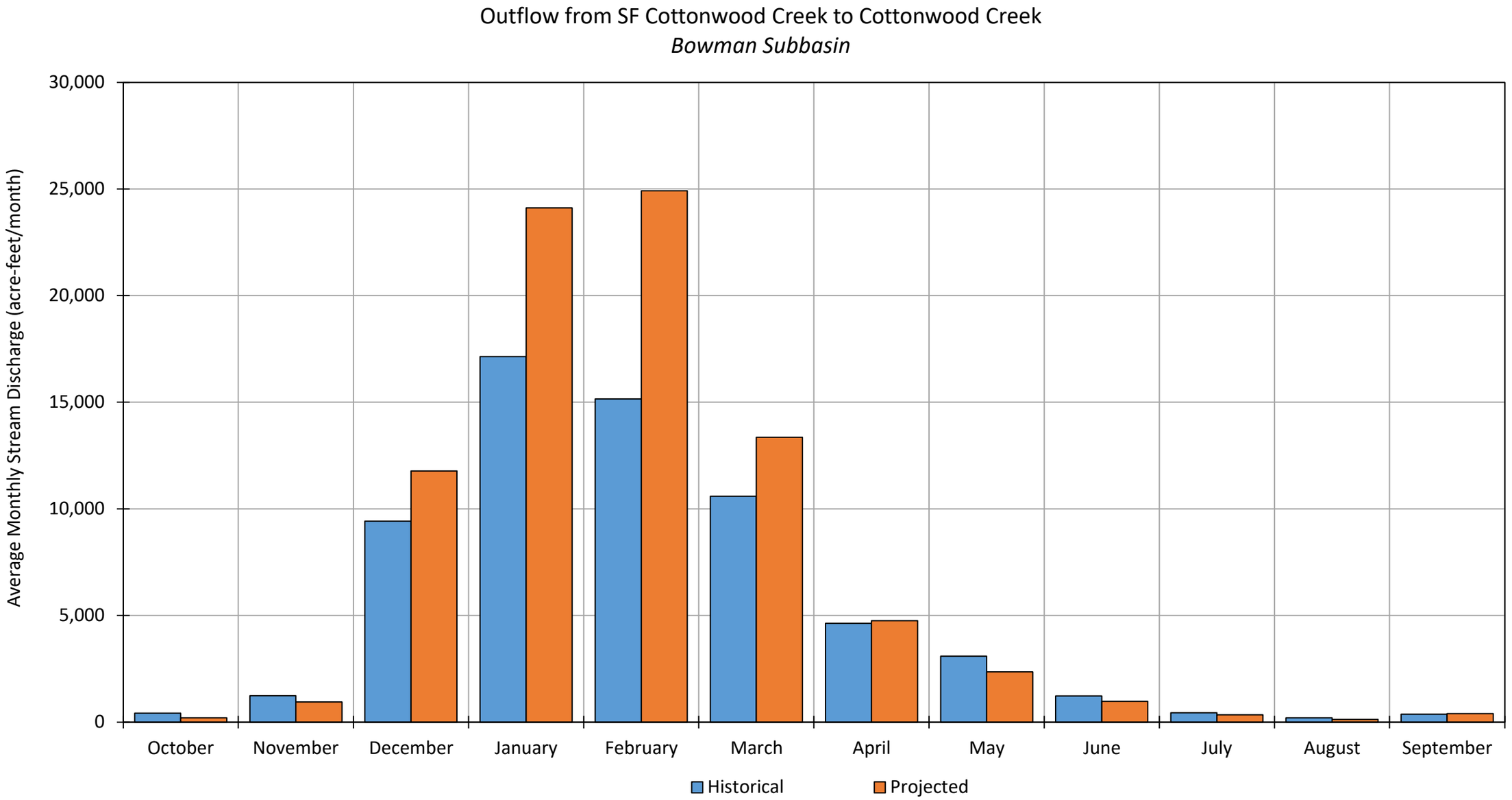
Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from MF Cottonwood Creek to Cottonwood Creek

Bowman Subbasin



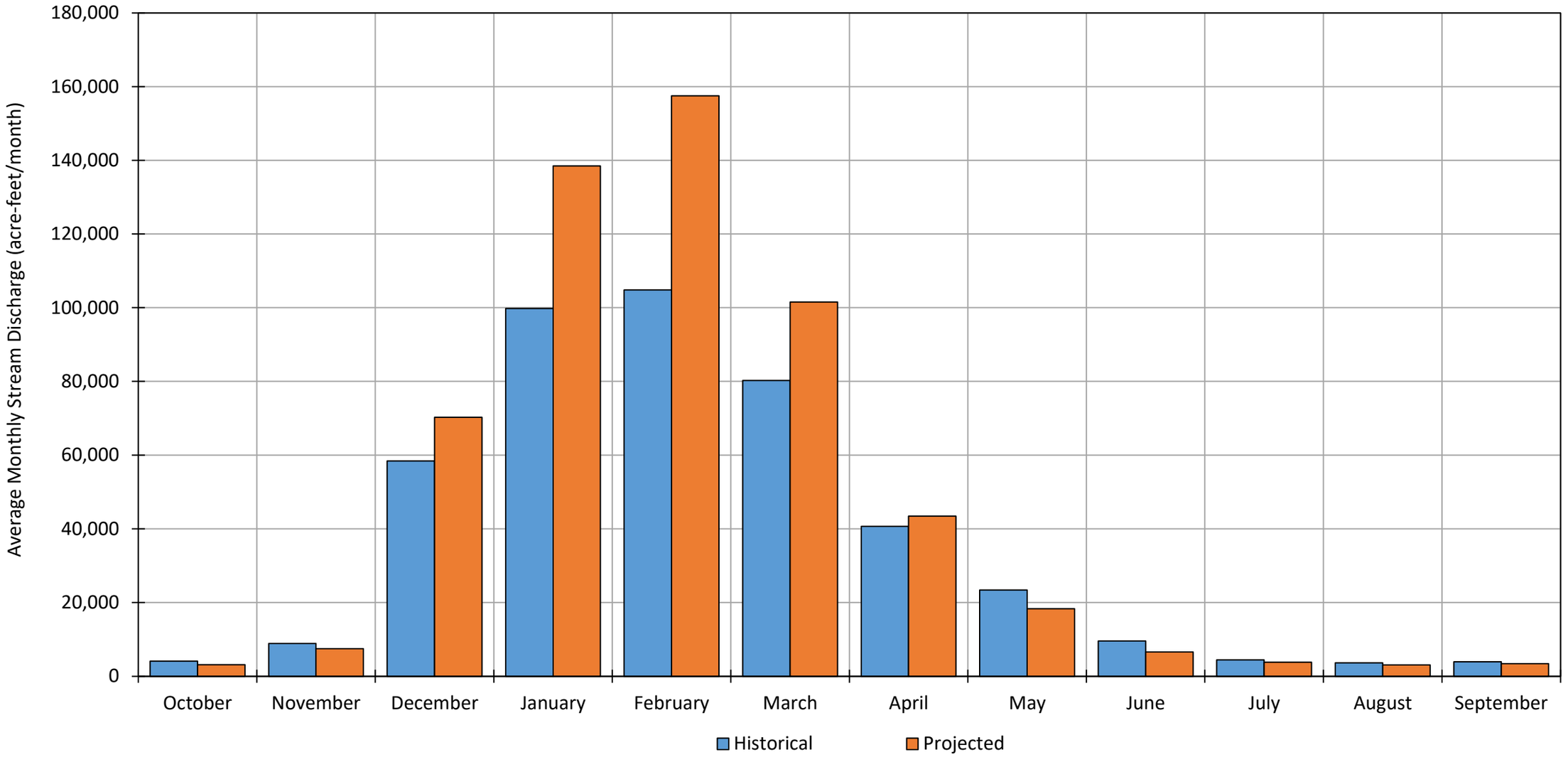
Tehama IHM - Projected (Future Land Use) with Climate Change (2070)



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Cottonwood Creek to Sacramento River

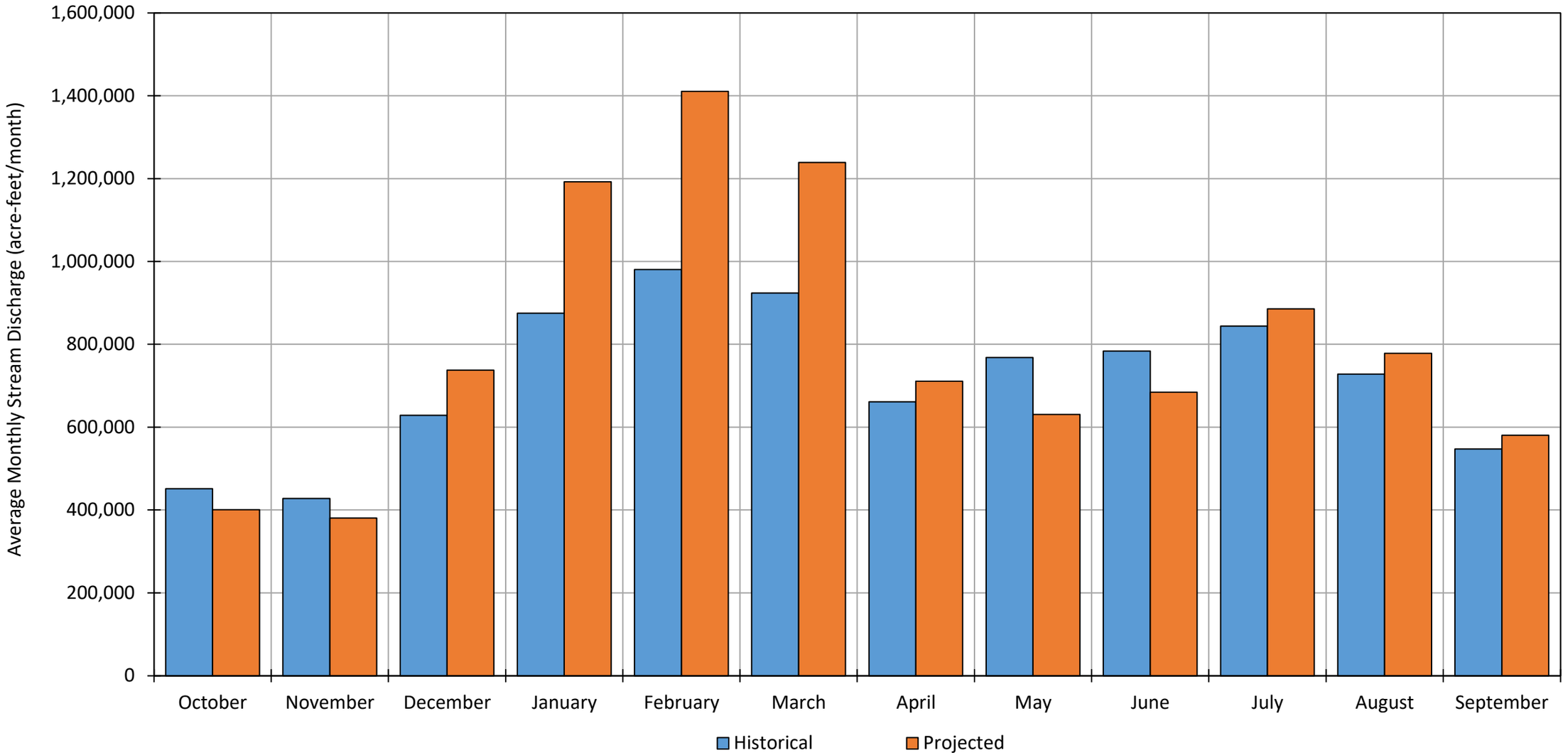
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Sacramento River at Bowman Subbasin Boundary

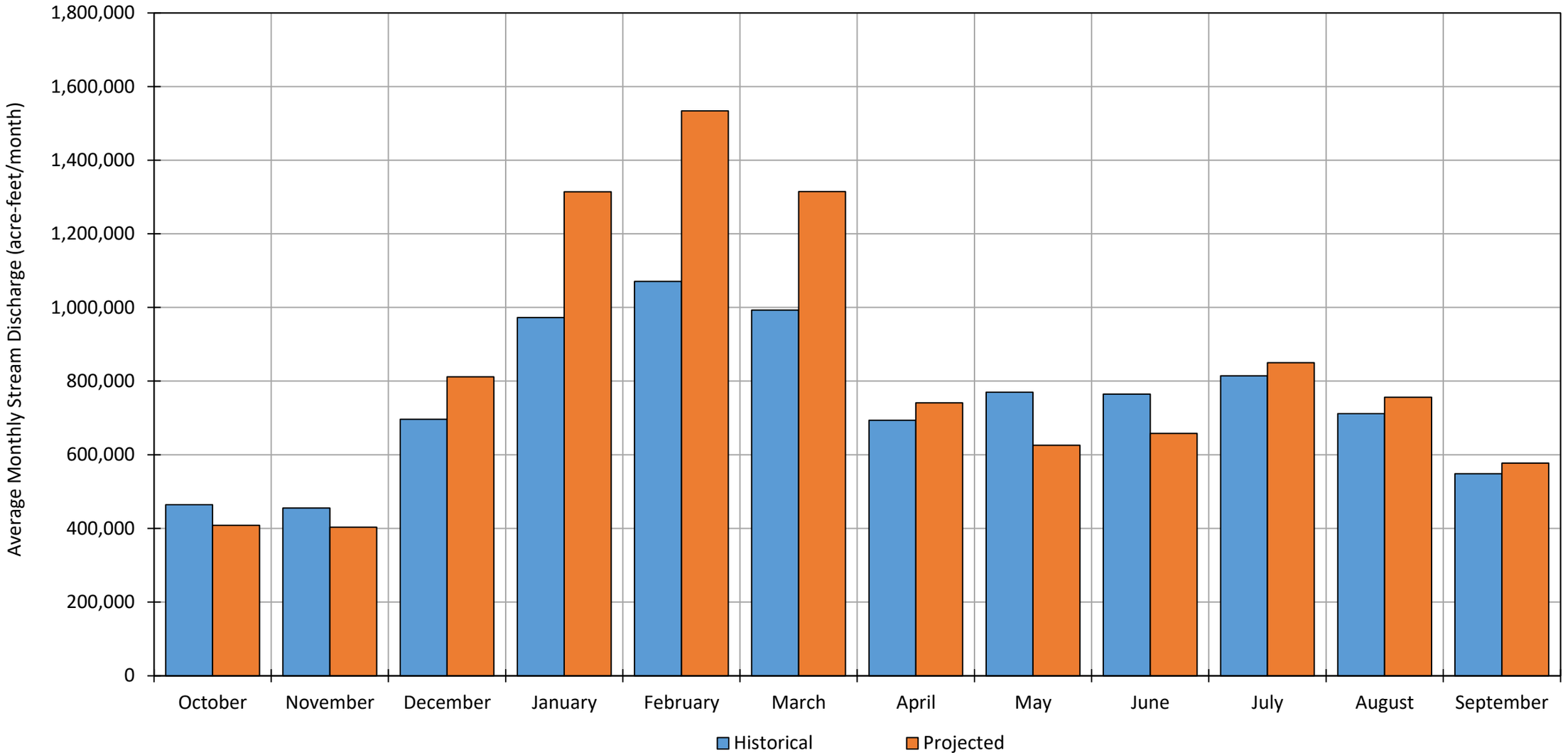
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

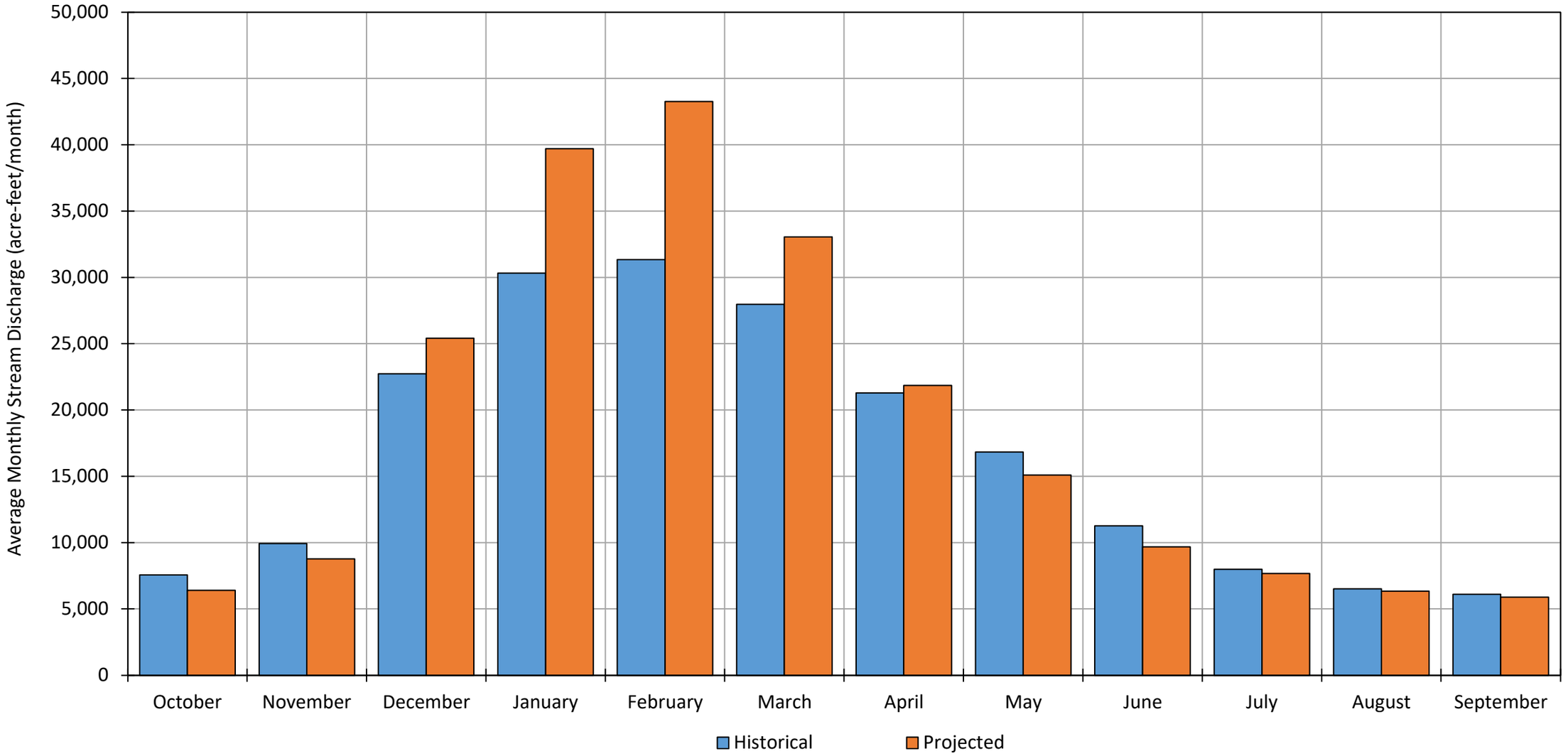
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Antelope Creek Group to Sacramento River

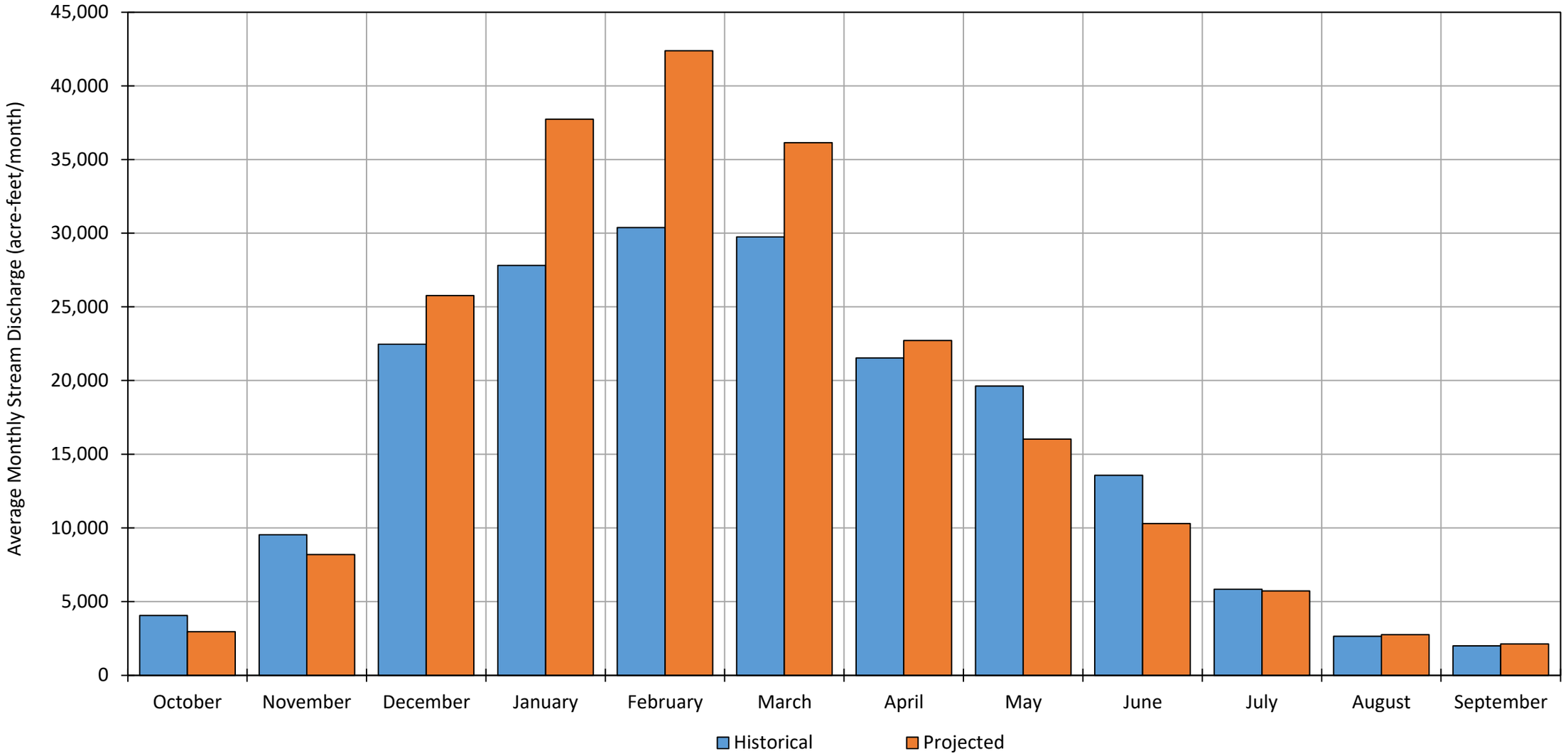
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Mill Creek to Sacramento River

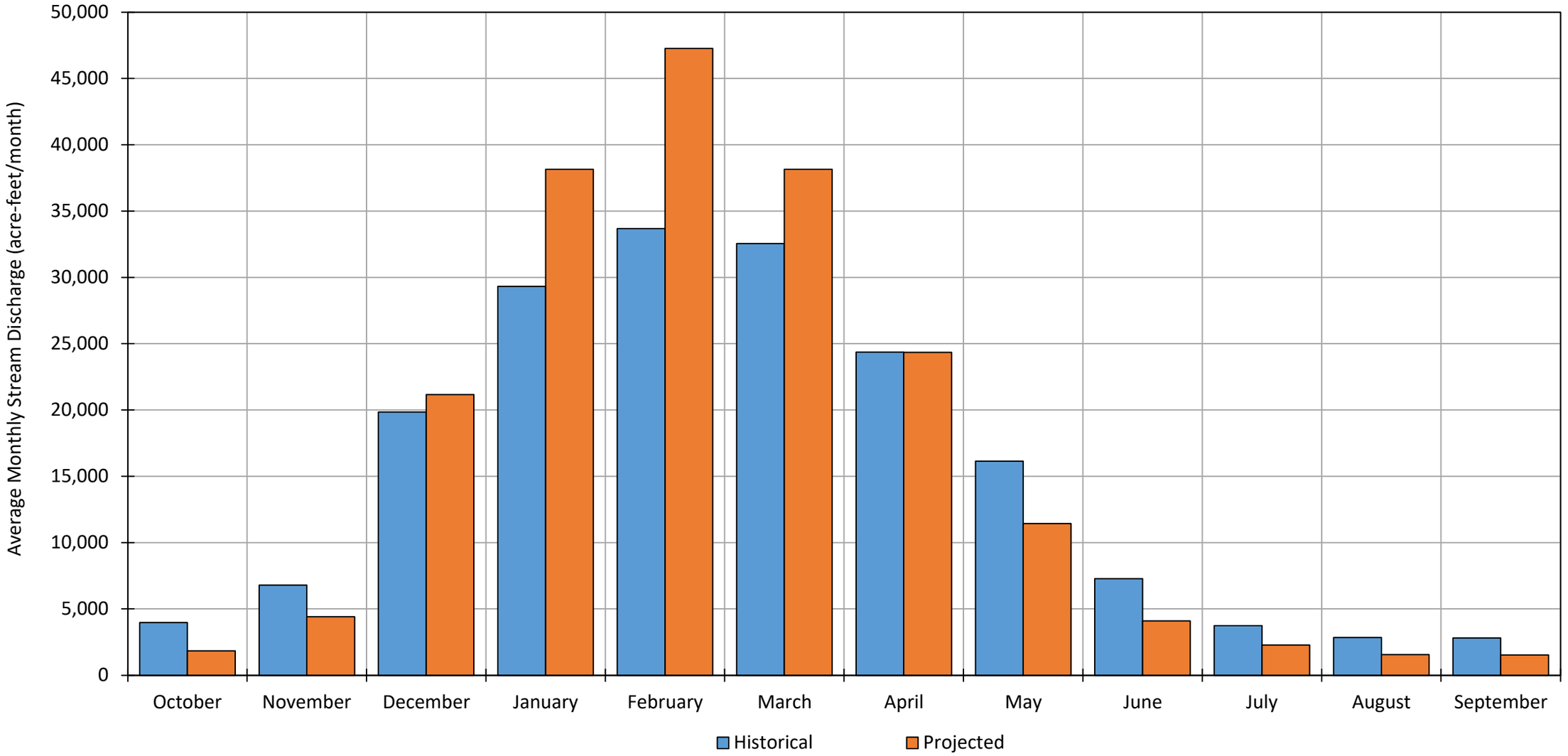
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Deer Creek Group to Sacramento River

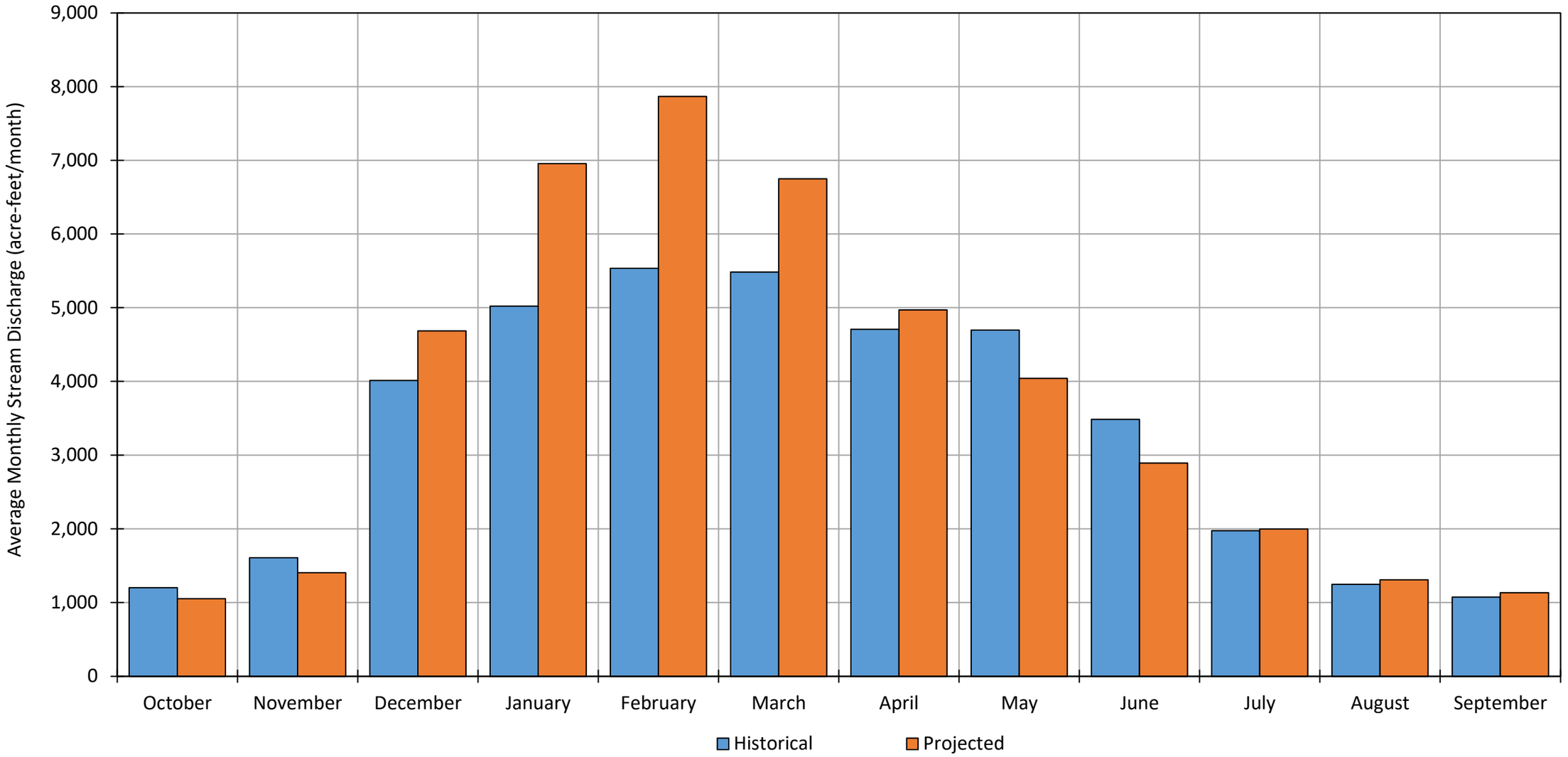
Los Molinos Subbasin



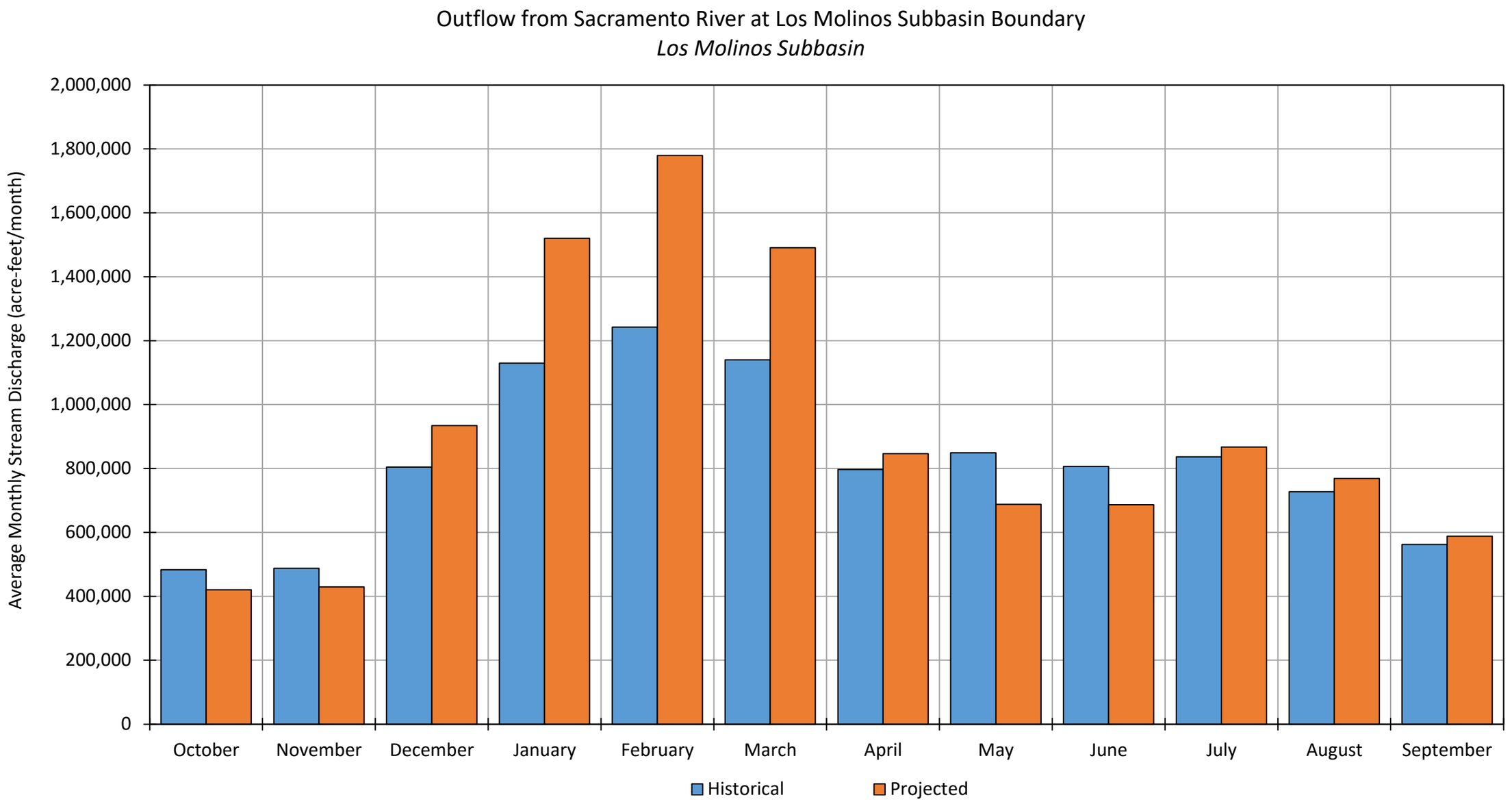
Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Dye Creek to Sacramento River

Los Molinos Subbasin



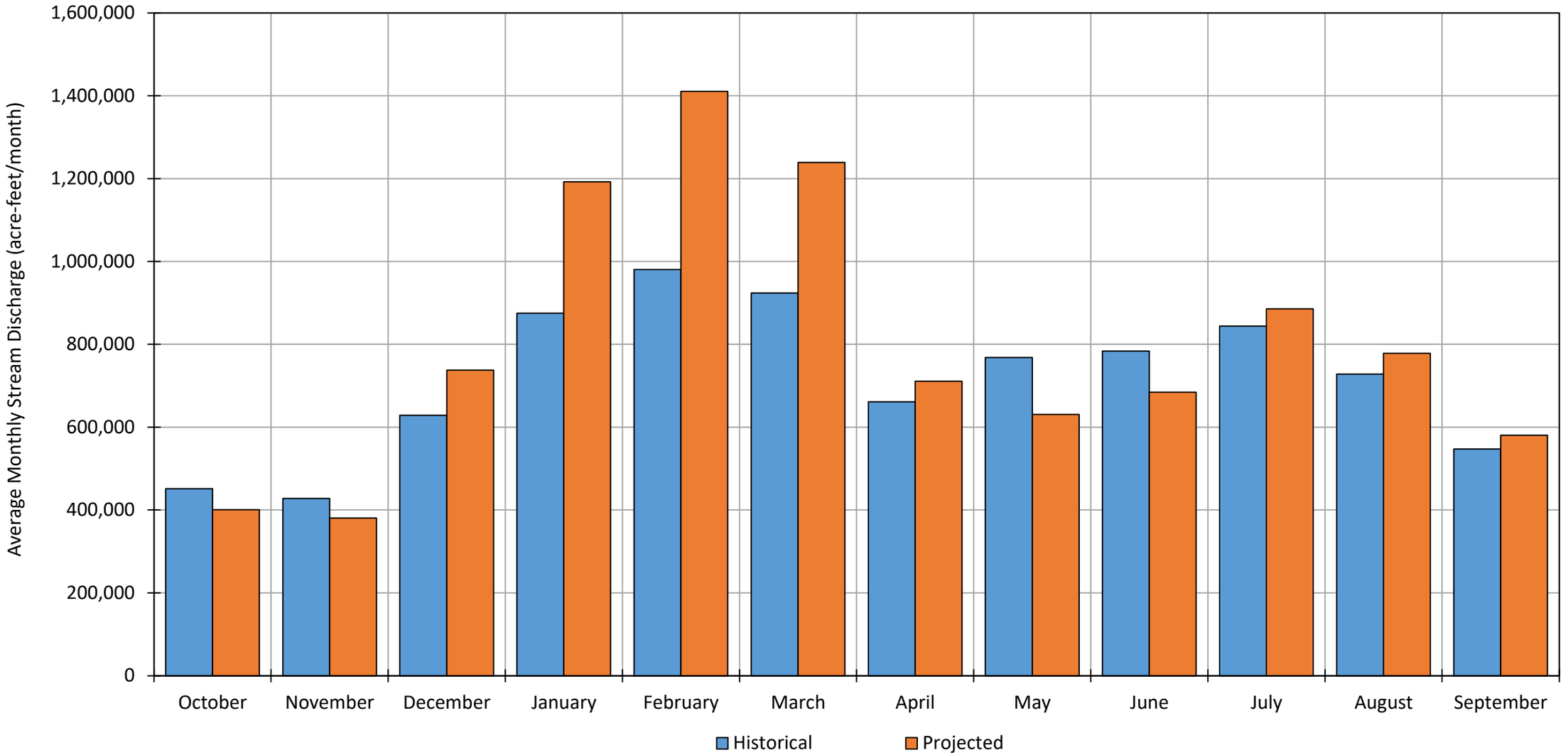
Tehama IHM - Projected (Future Land Use) with Climate Change (2070)



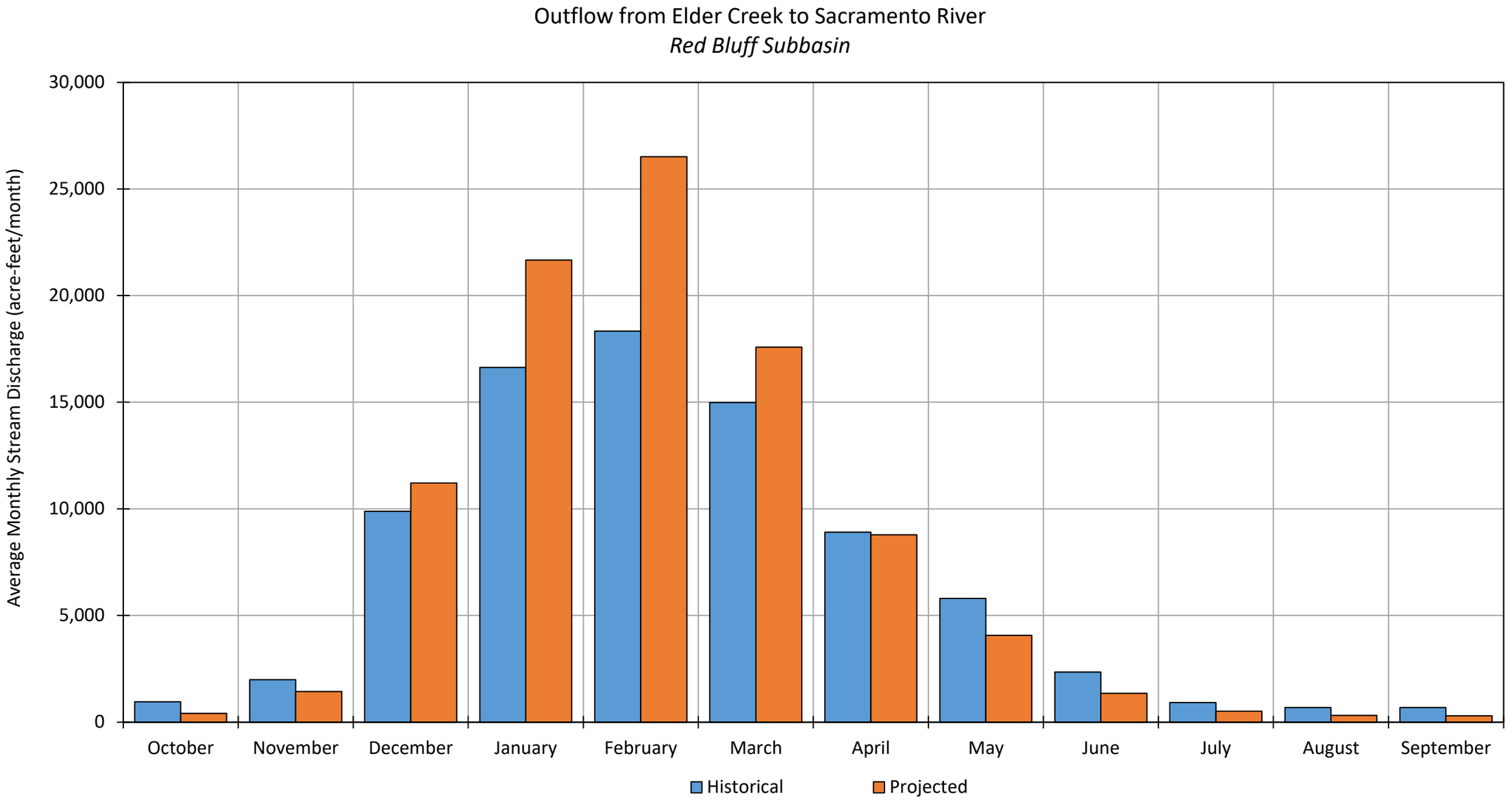
Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Inflow from Sacramento River at Red Bluff Subbasin Boundary

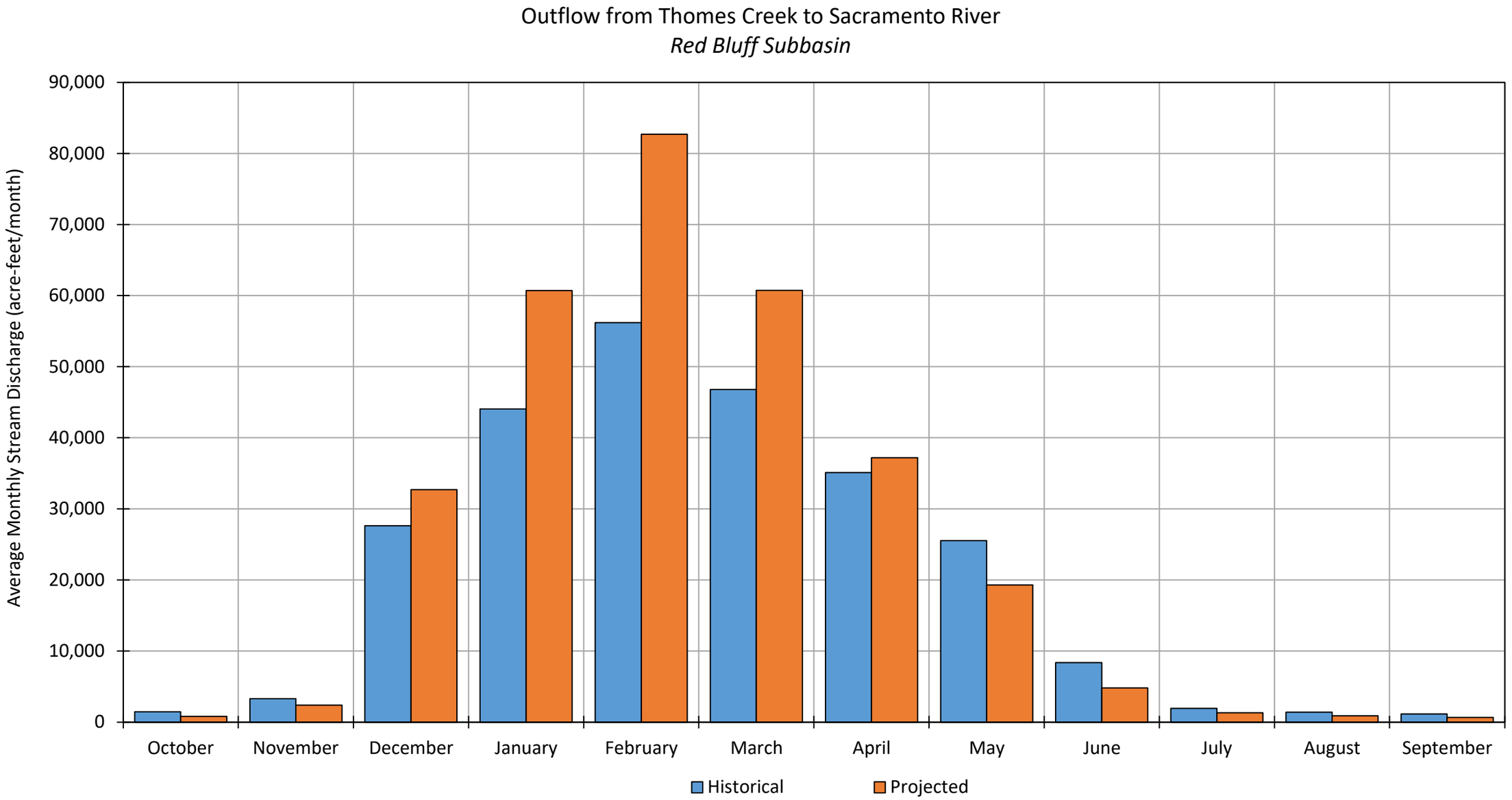
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)



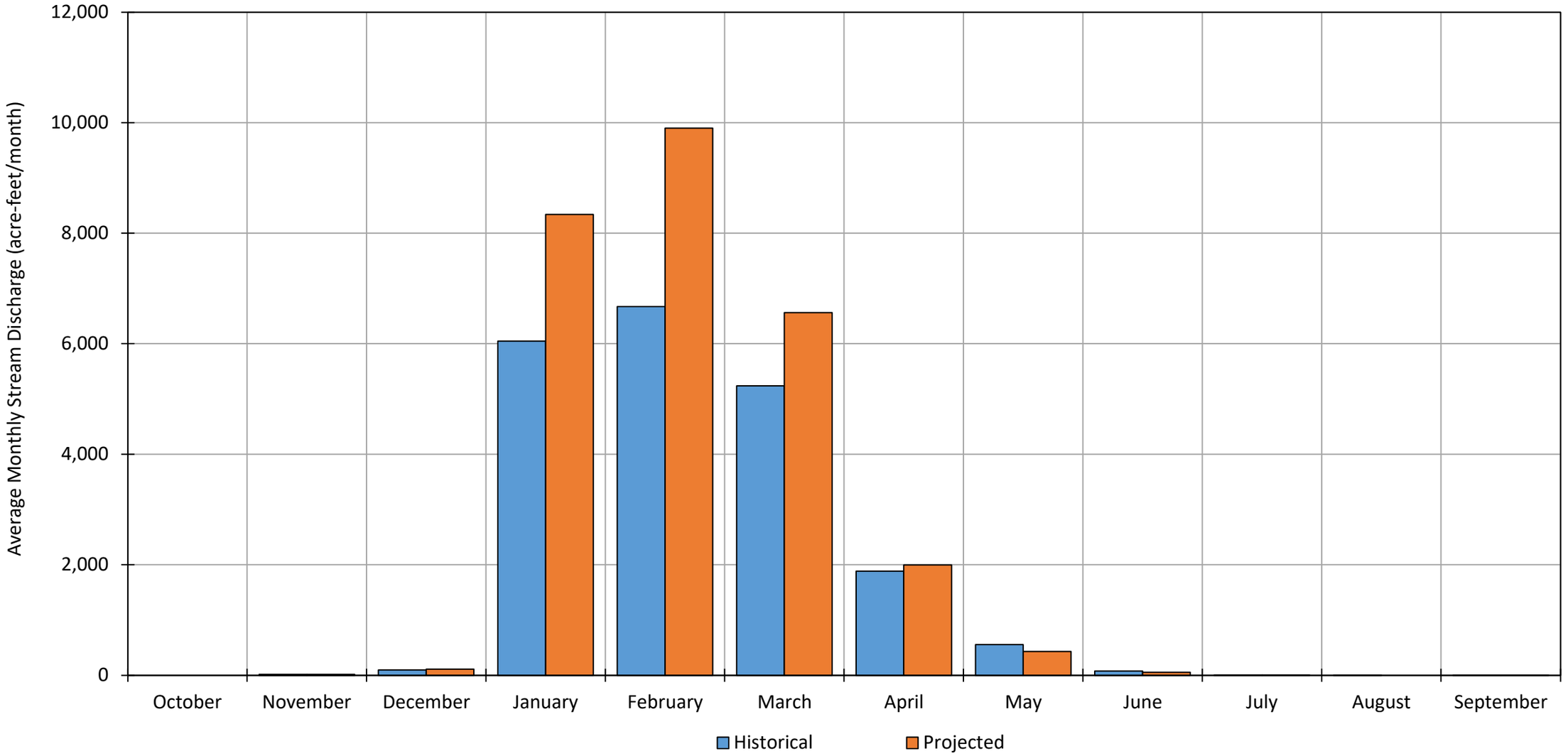
Tehama IHM - Projected (Future Land Use) with Climate Change (2070)



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Red Bank Creek to Sacramento River

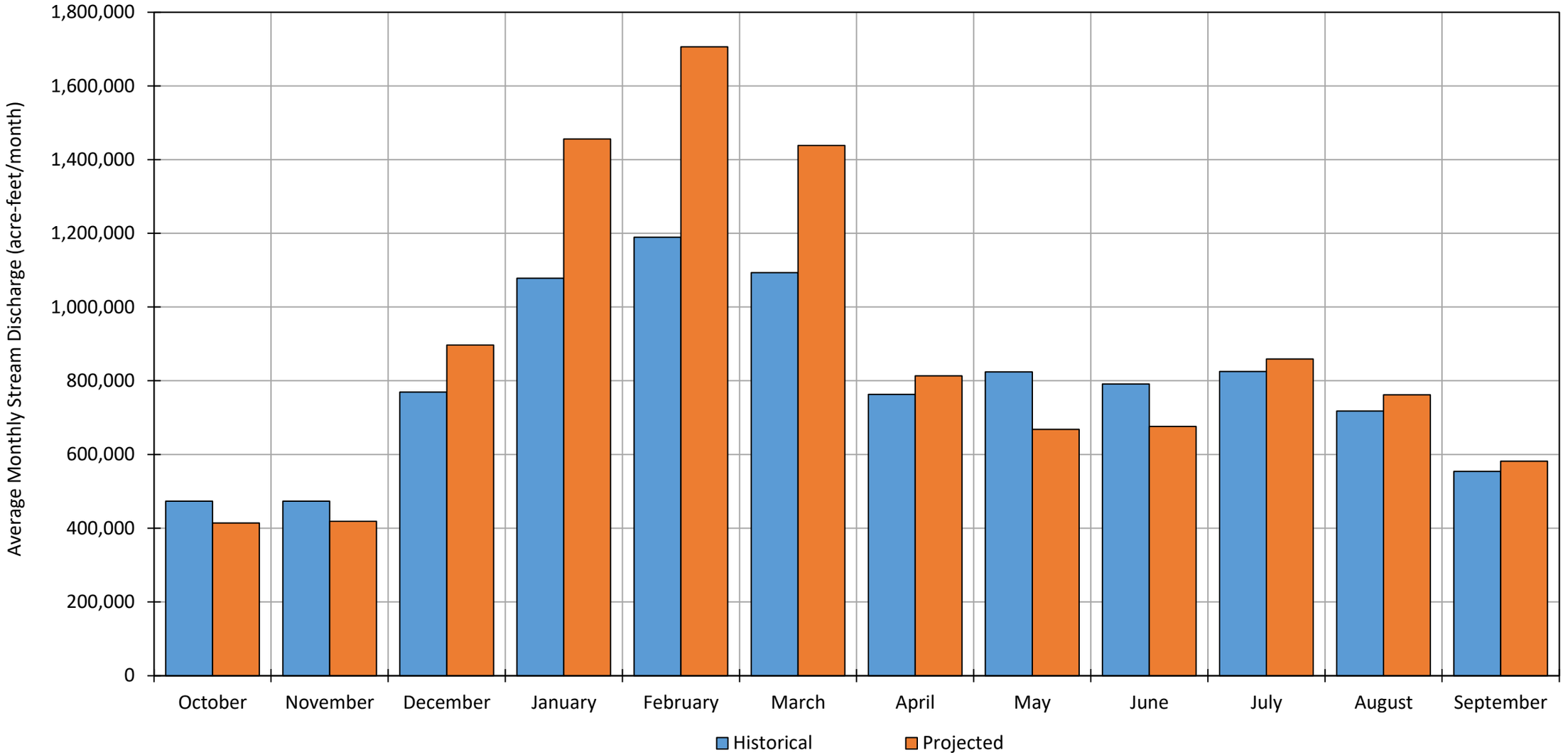
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Climate Change (2070)

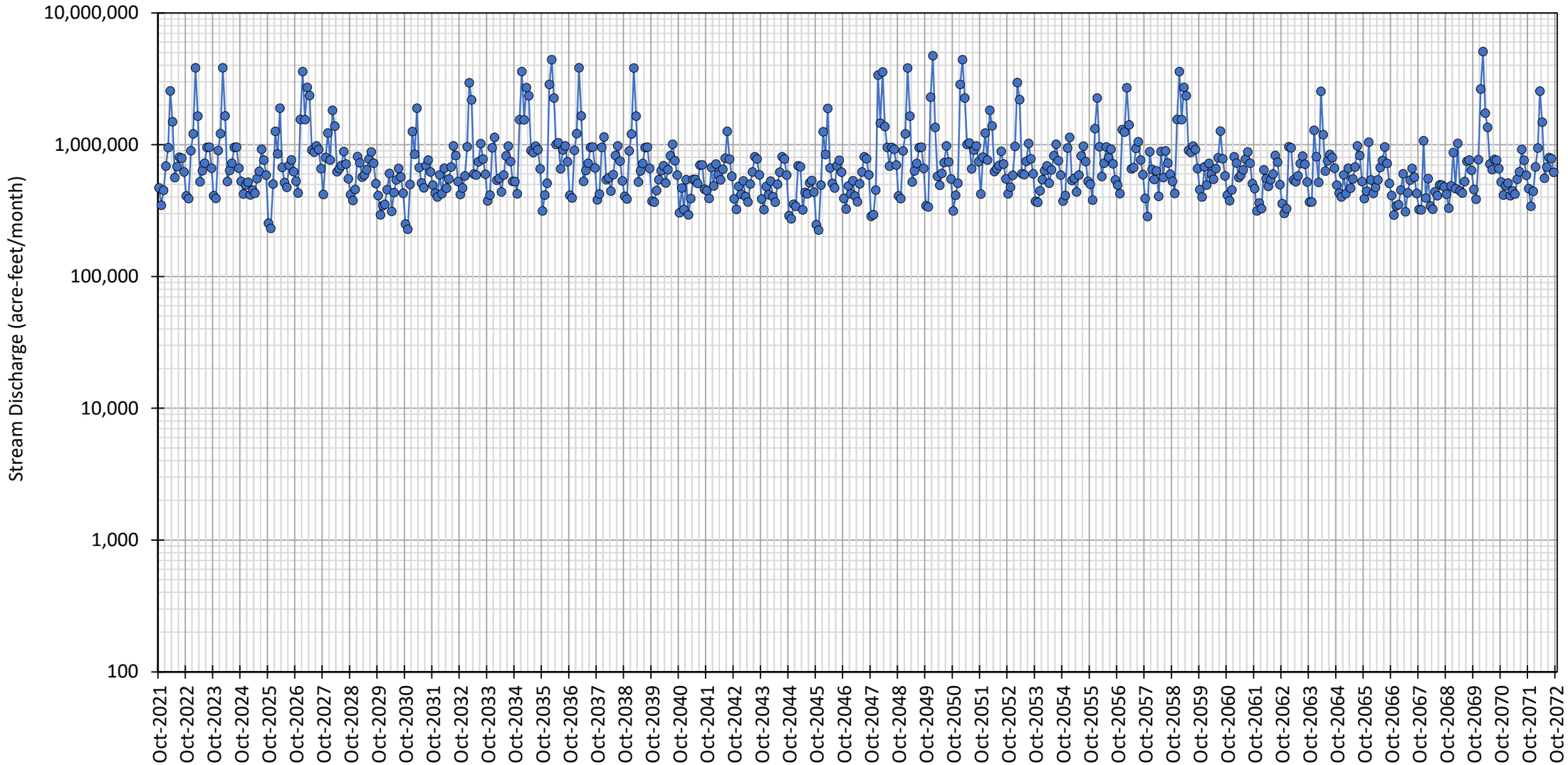
APPENDIX G-8

Tehama IHM Simulated Streamflows:

Projected (Future Land Use) with Projects and Climate Change (2070) Model Results

Inflow from Sacramento River at Antelope Subbasin Boundary

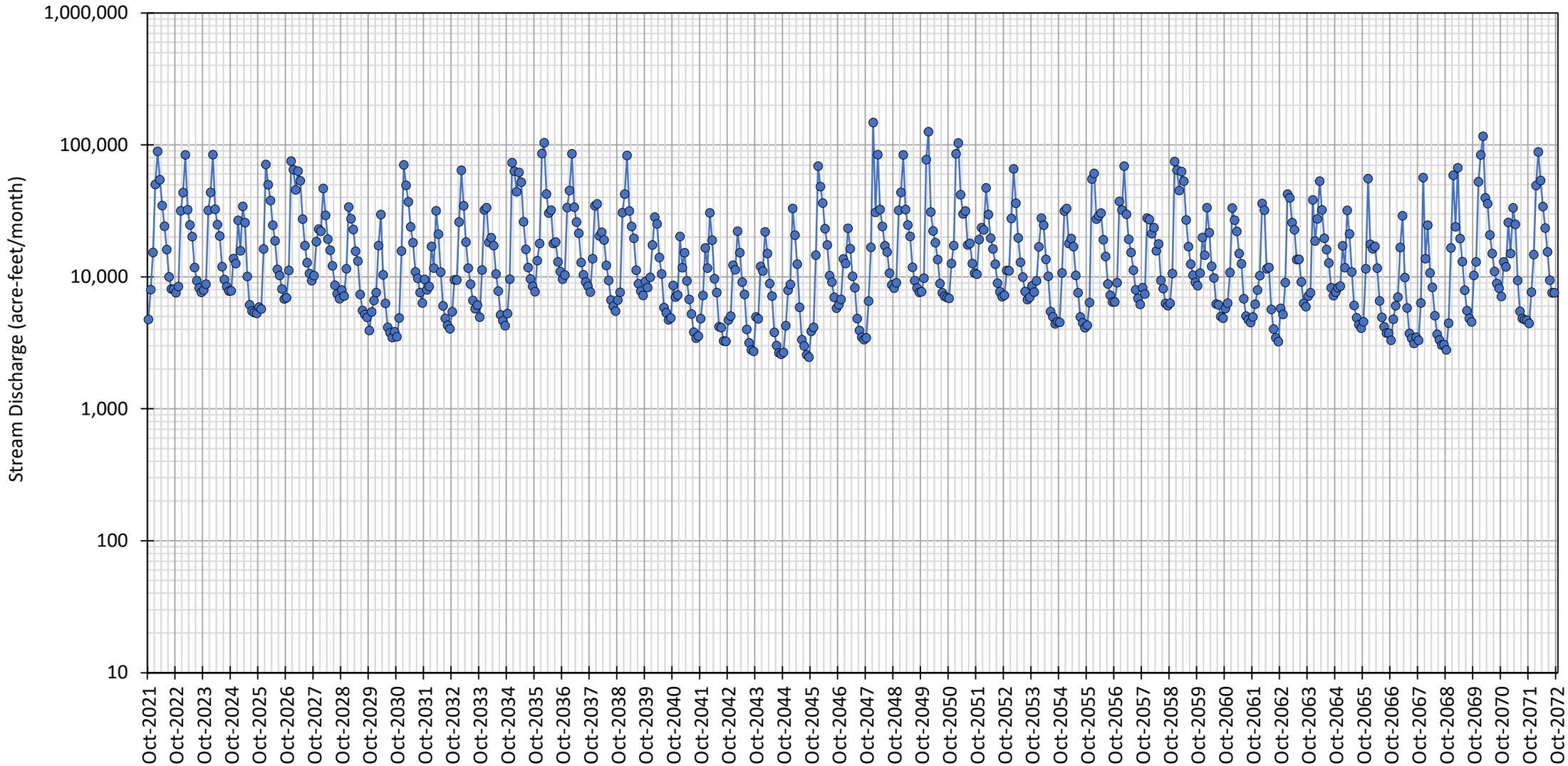
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Antelope Creek Group to Sacramento River

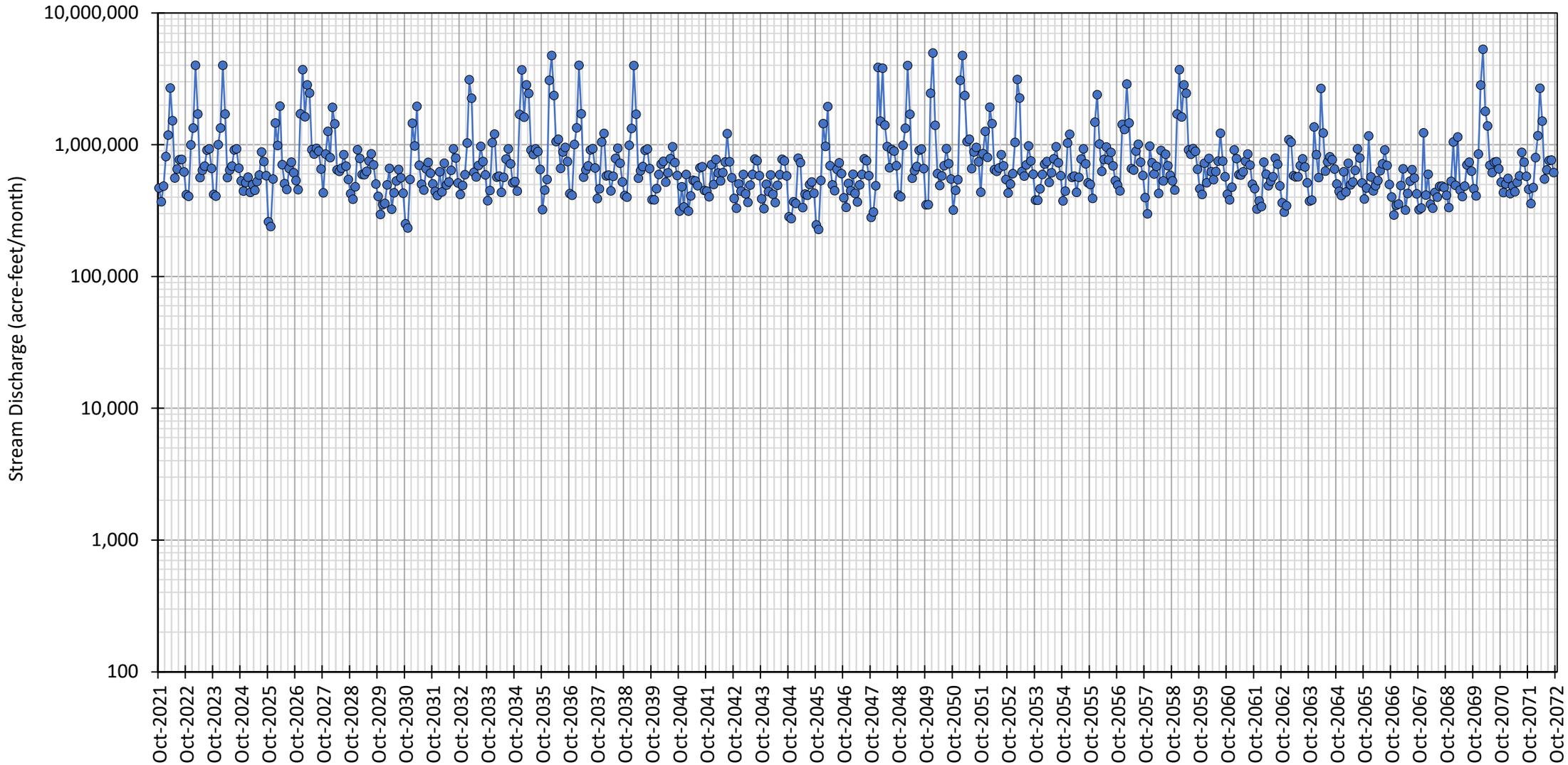
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Sacramento River at Antelope Subbasin Boundary

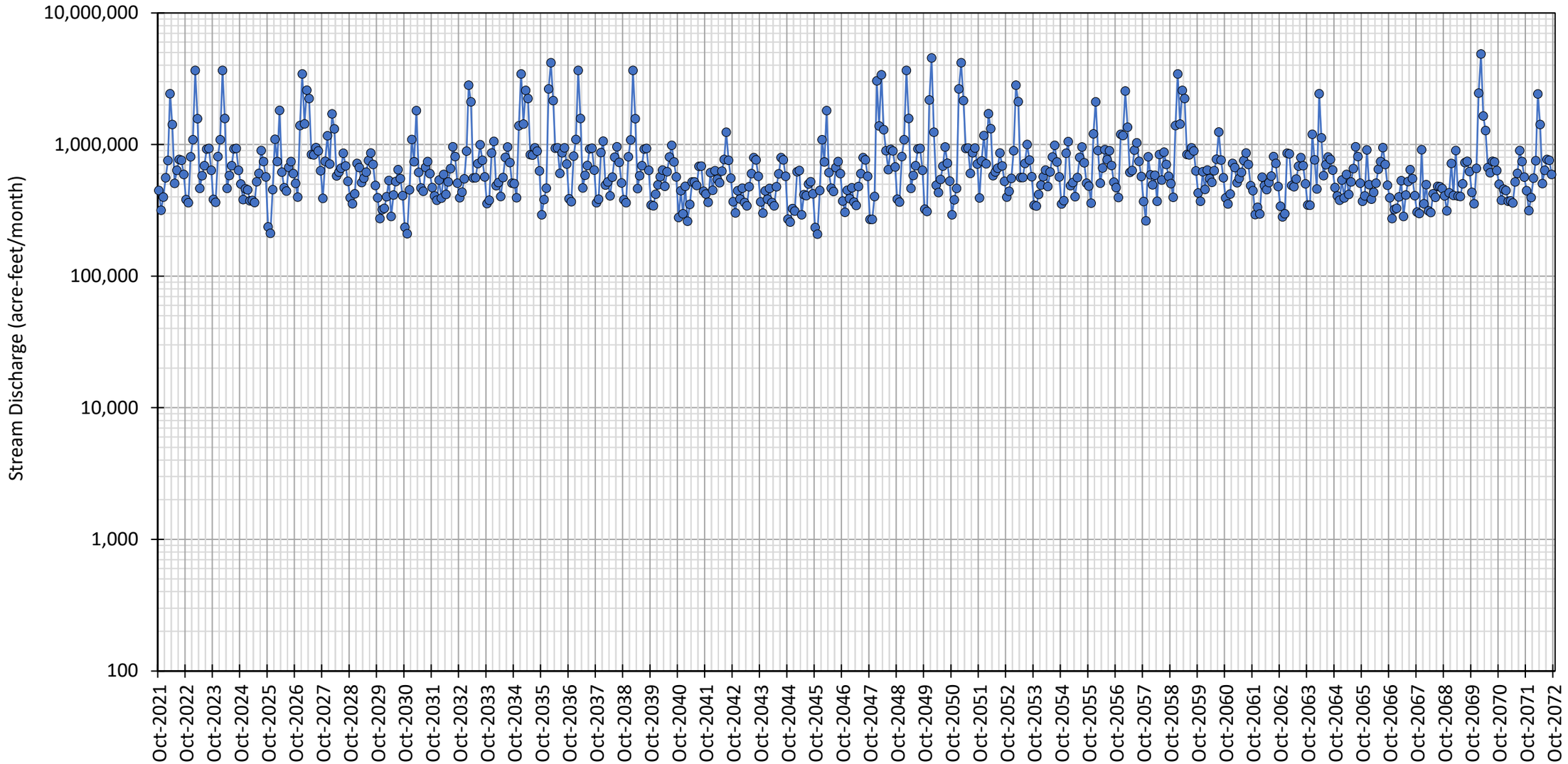
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Inflow from Sacramento River at Bowman Subbasin Boundary

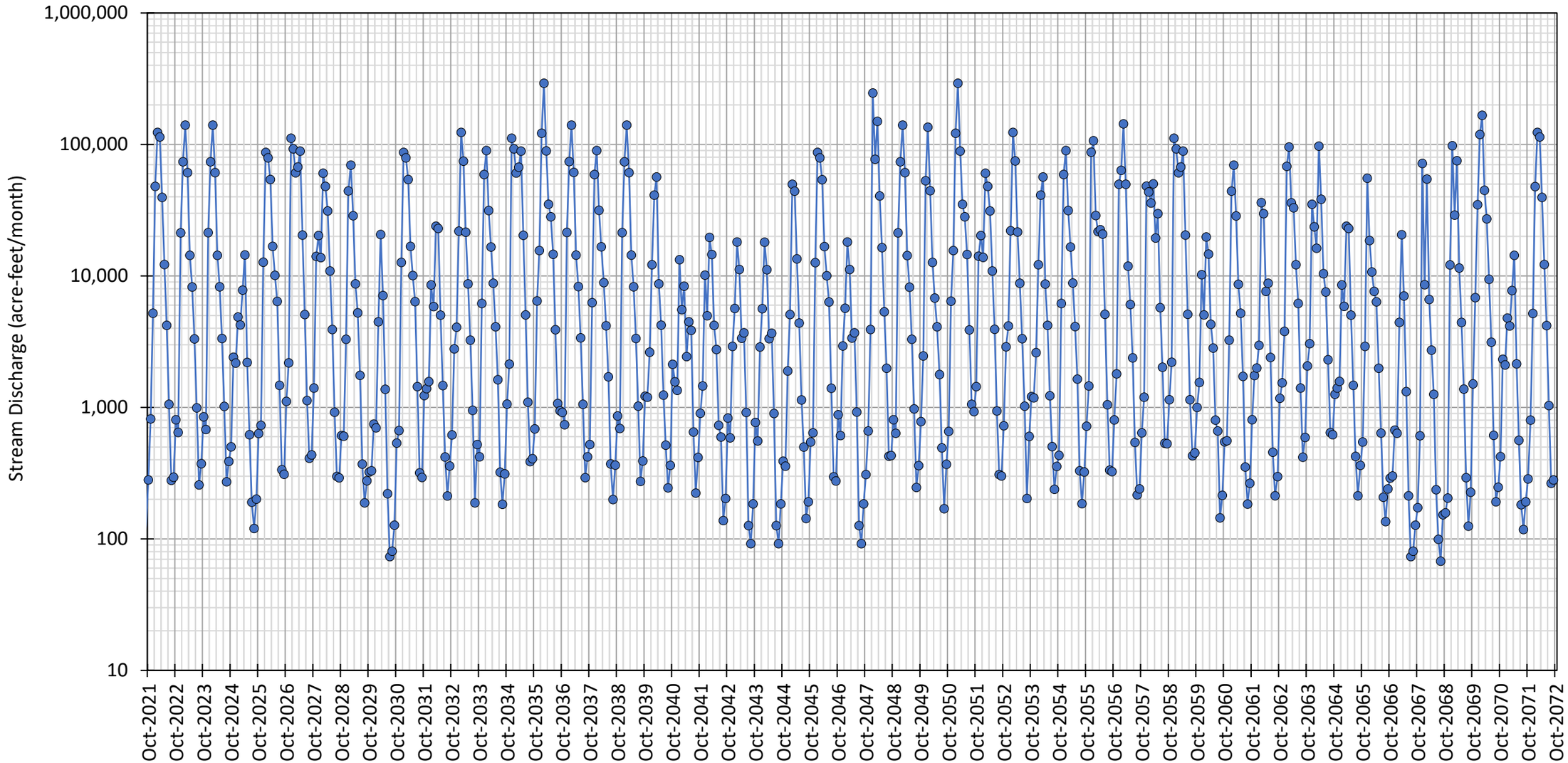
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from MF Cottonwood Creek to Cottonwood Creek

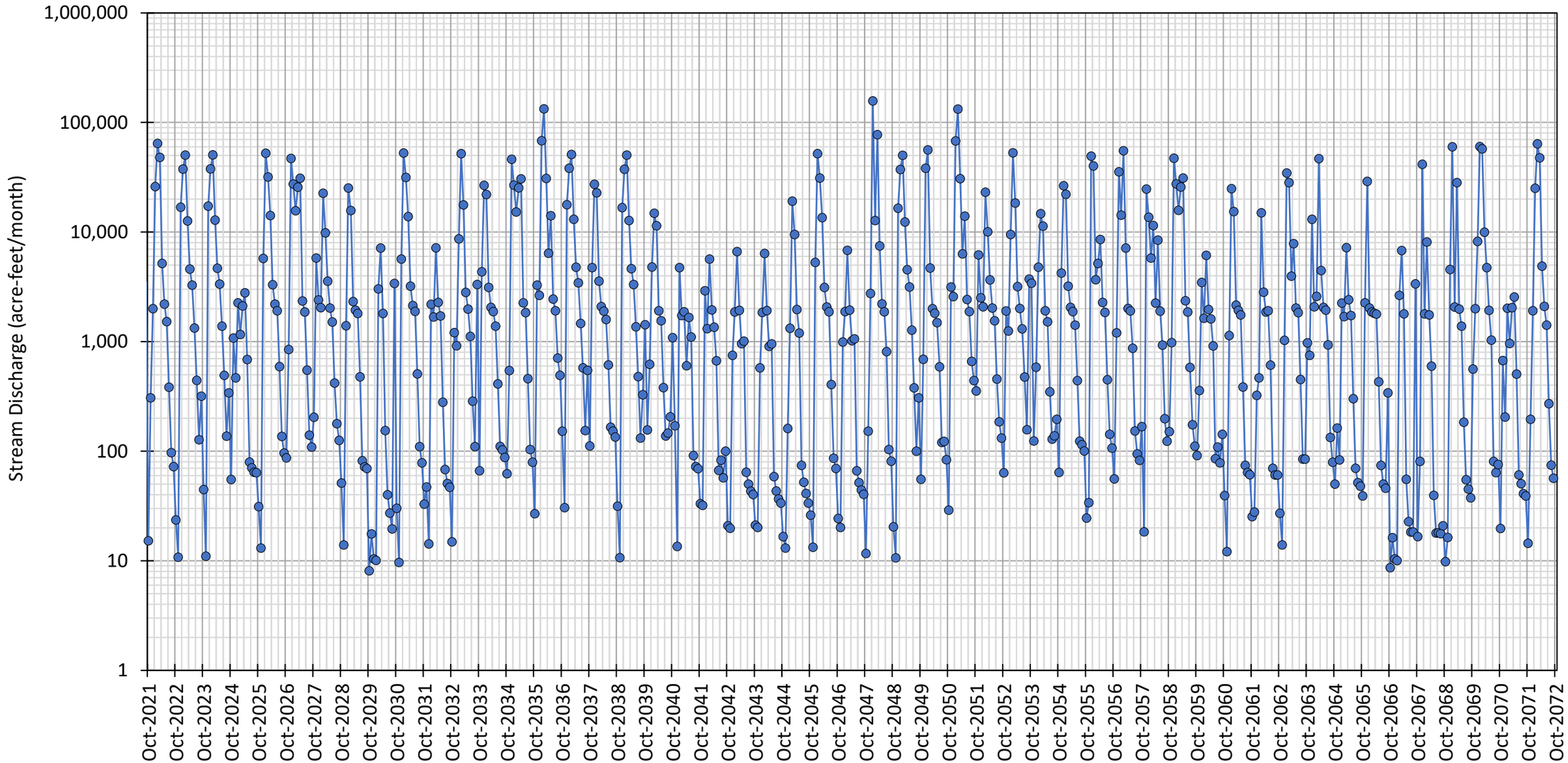
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from SF Cottonwood Creek to Cottonwood Creek

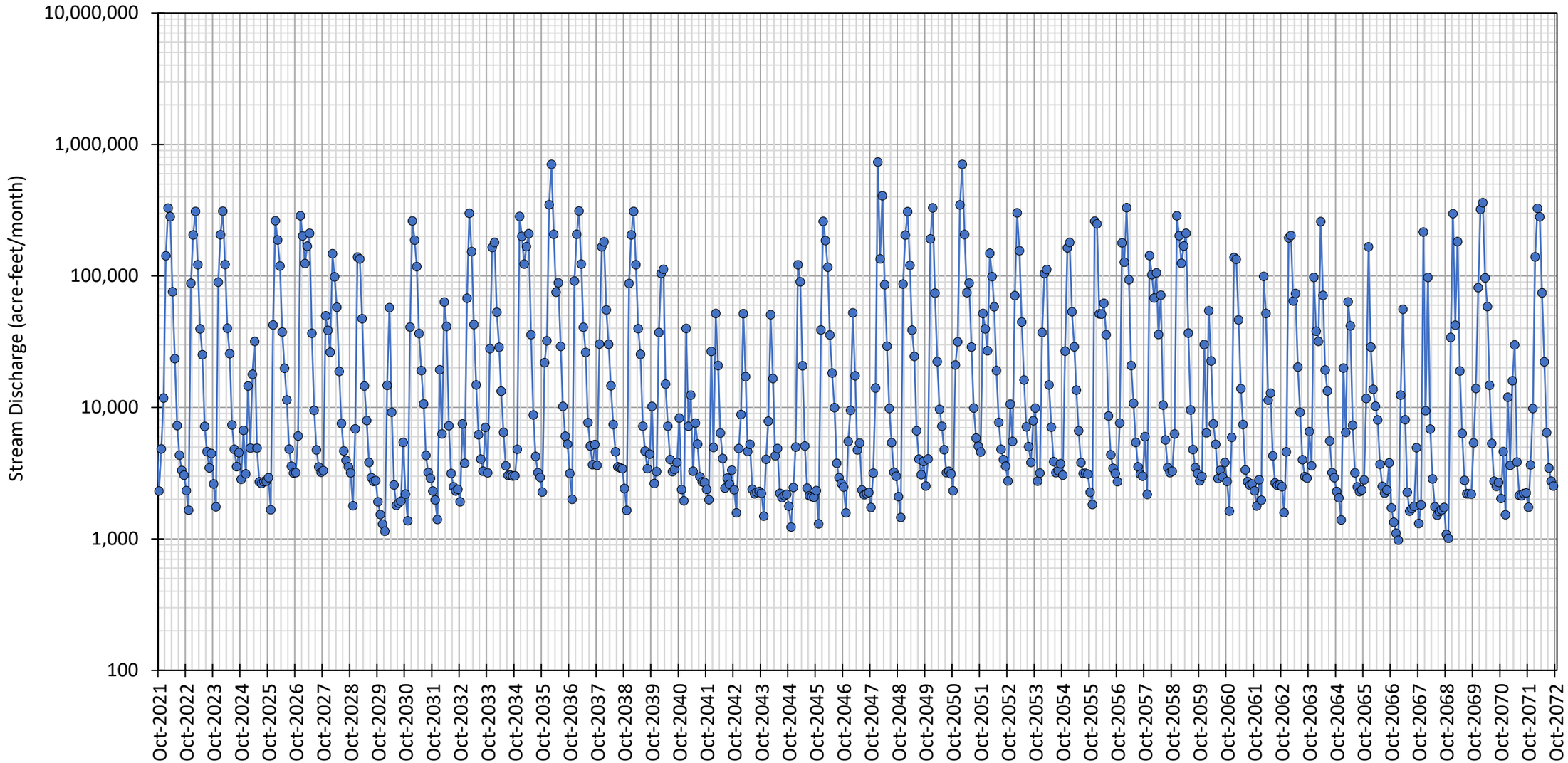
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Cottonwood Creek to Sacramento River

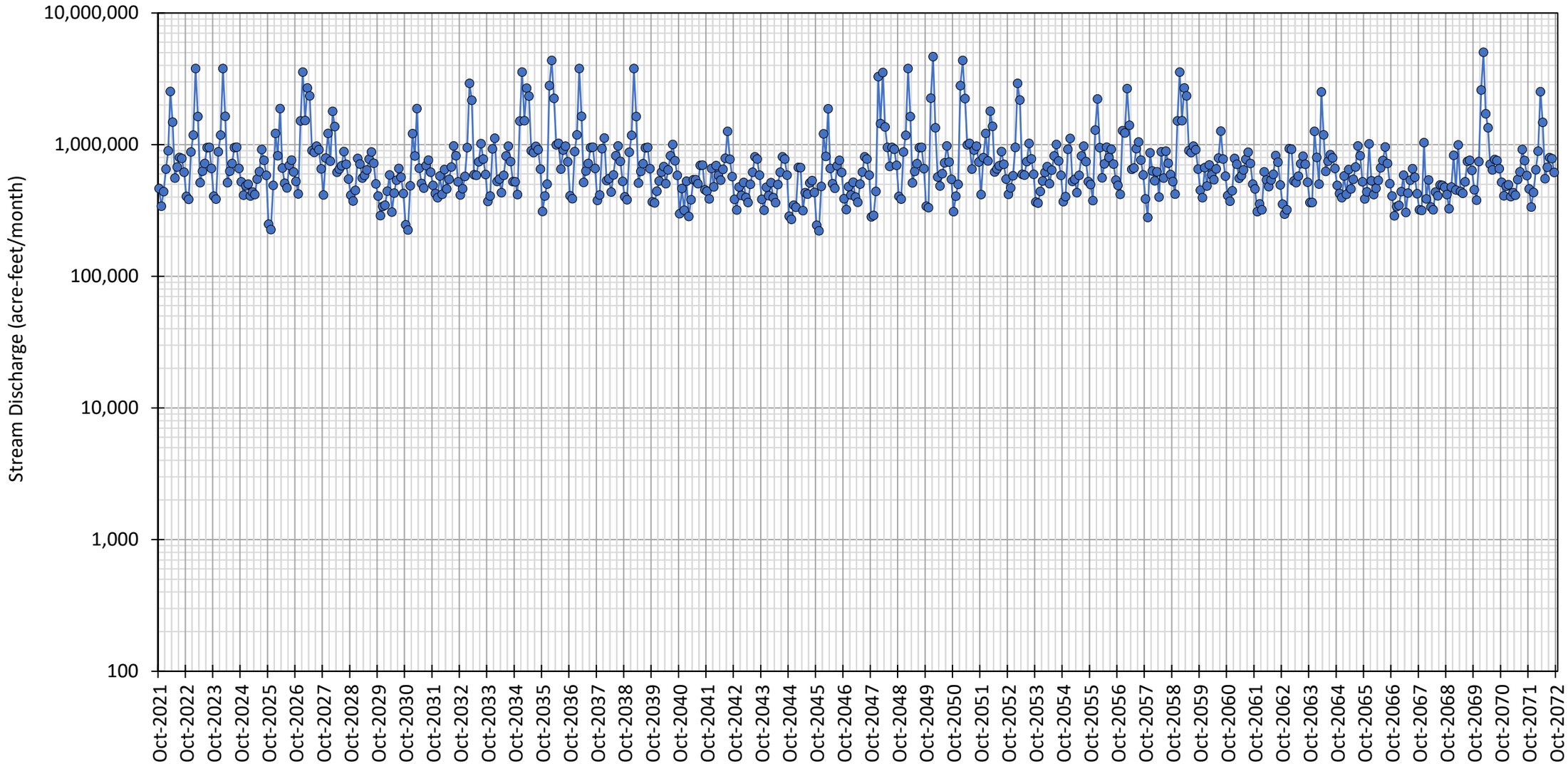
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Sacramento River at Bowman Subbasin Boundary

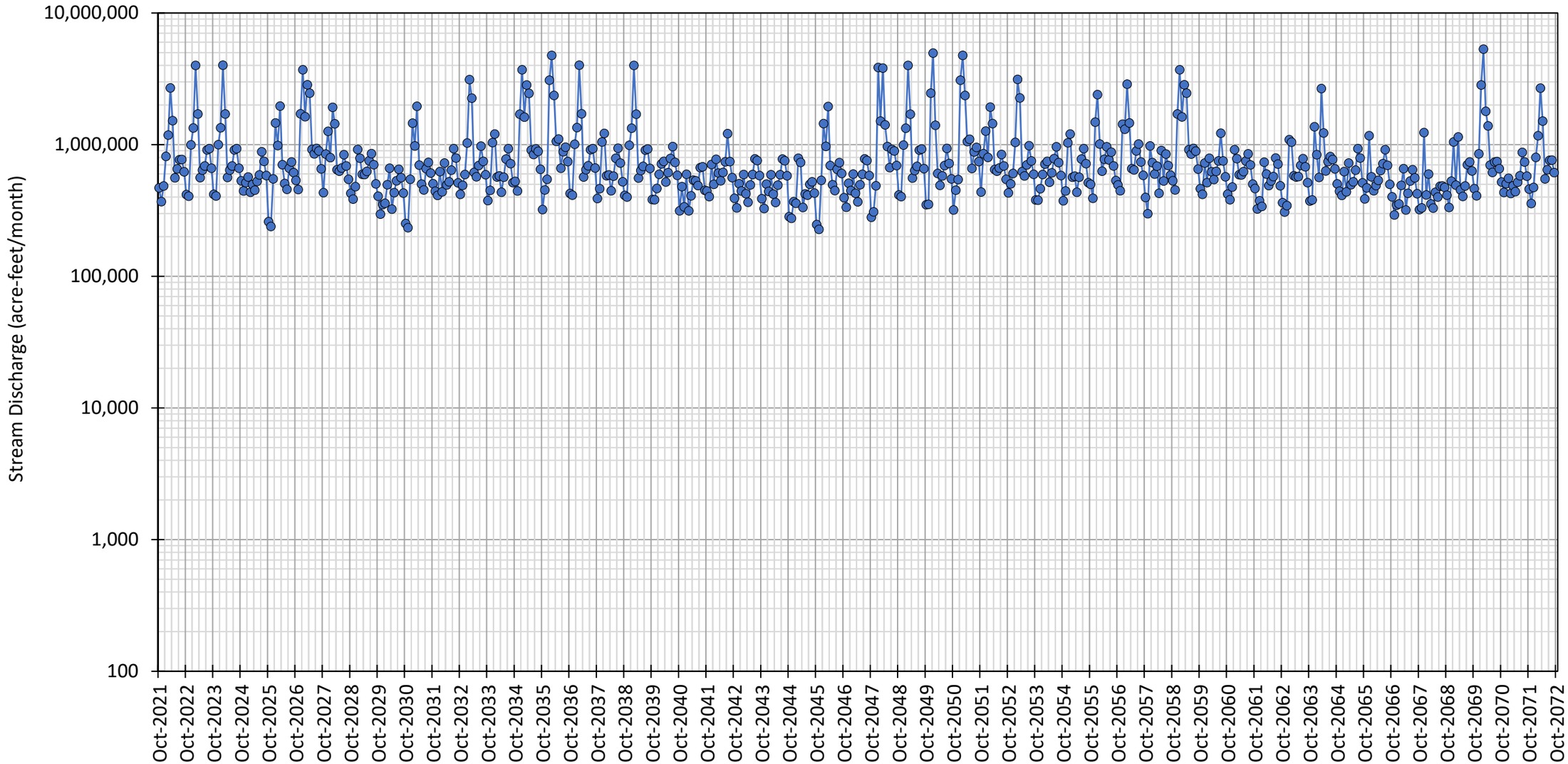
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

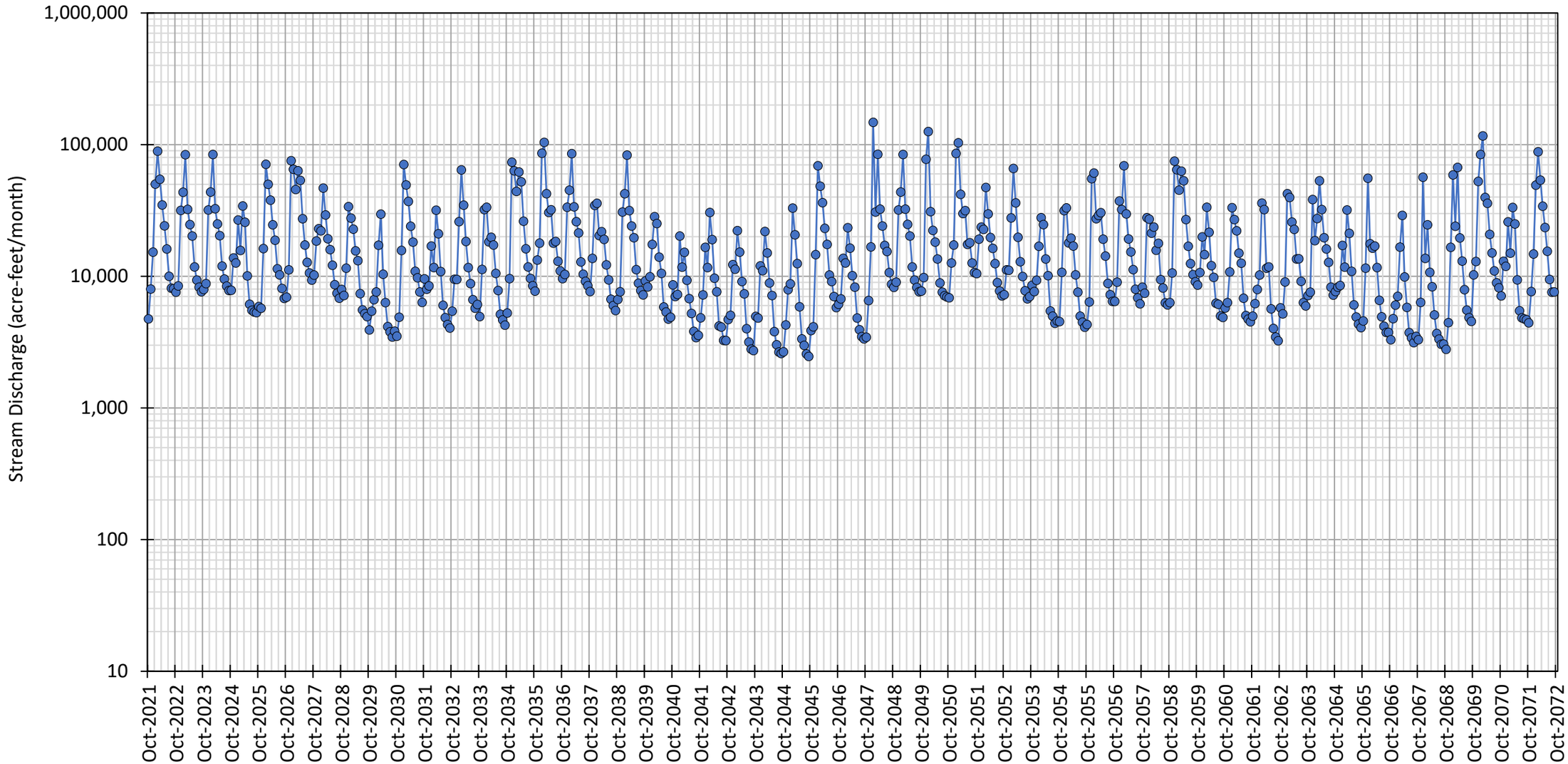
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Antelope Creek Group to Sacramento River

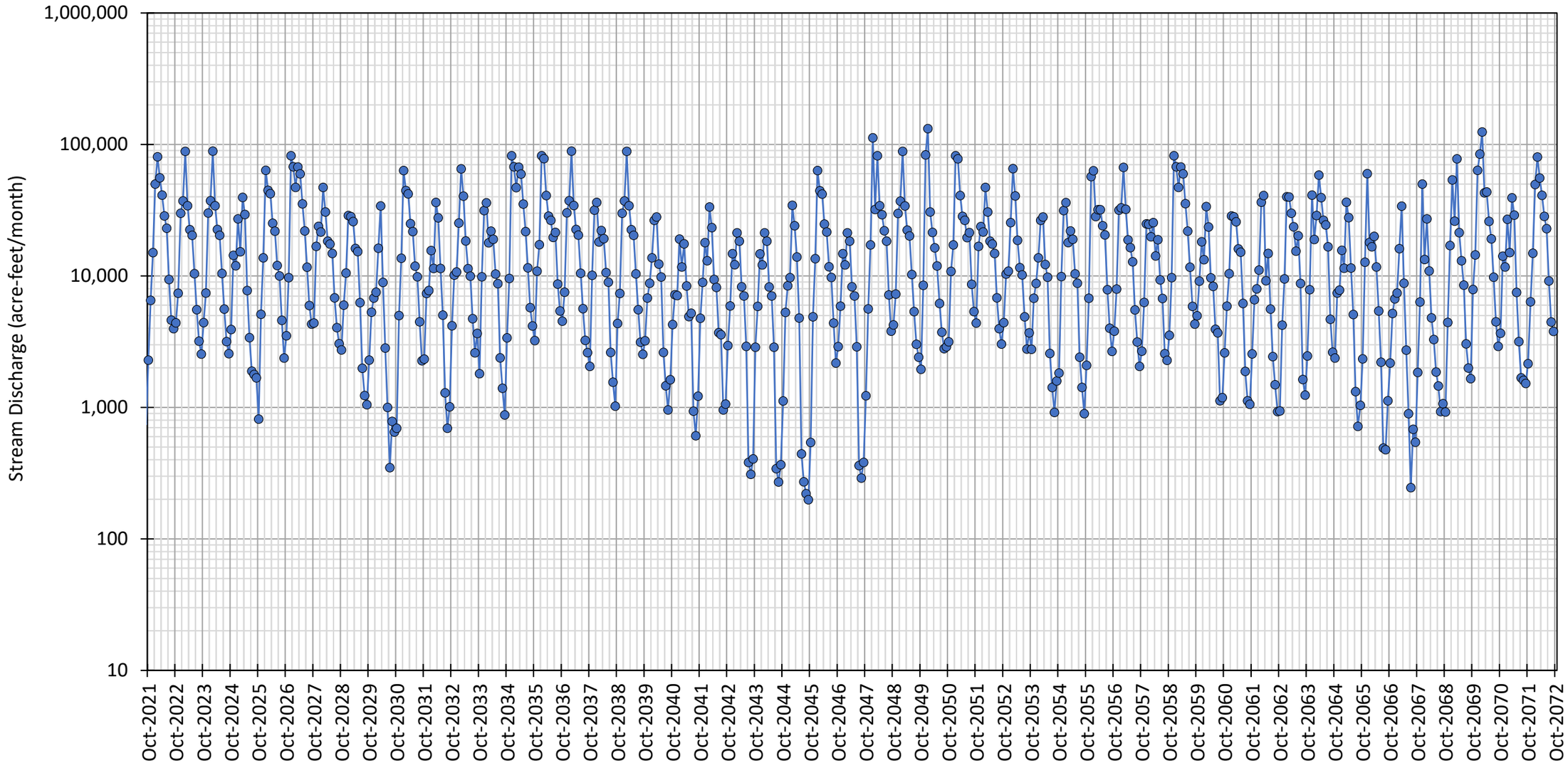
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Mill Creek to Sacramento River

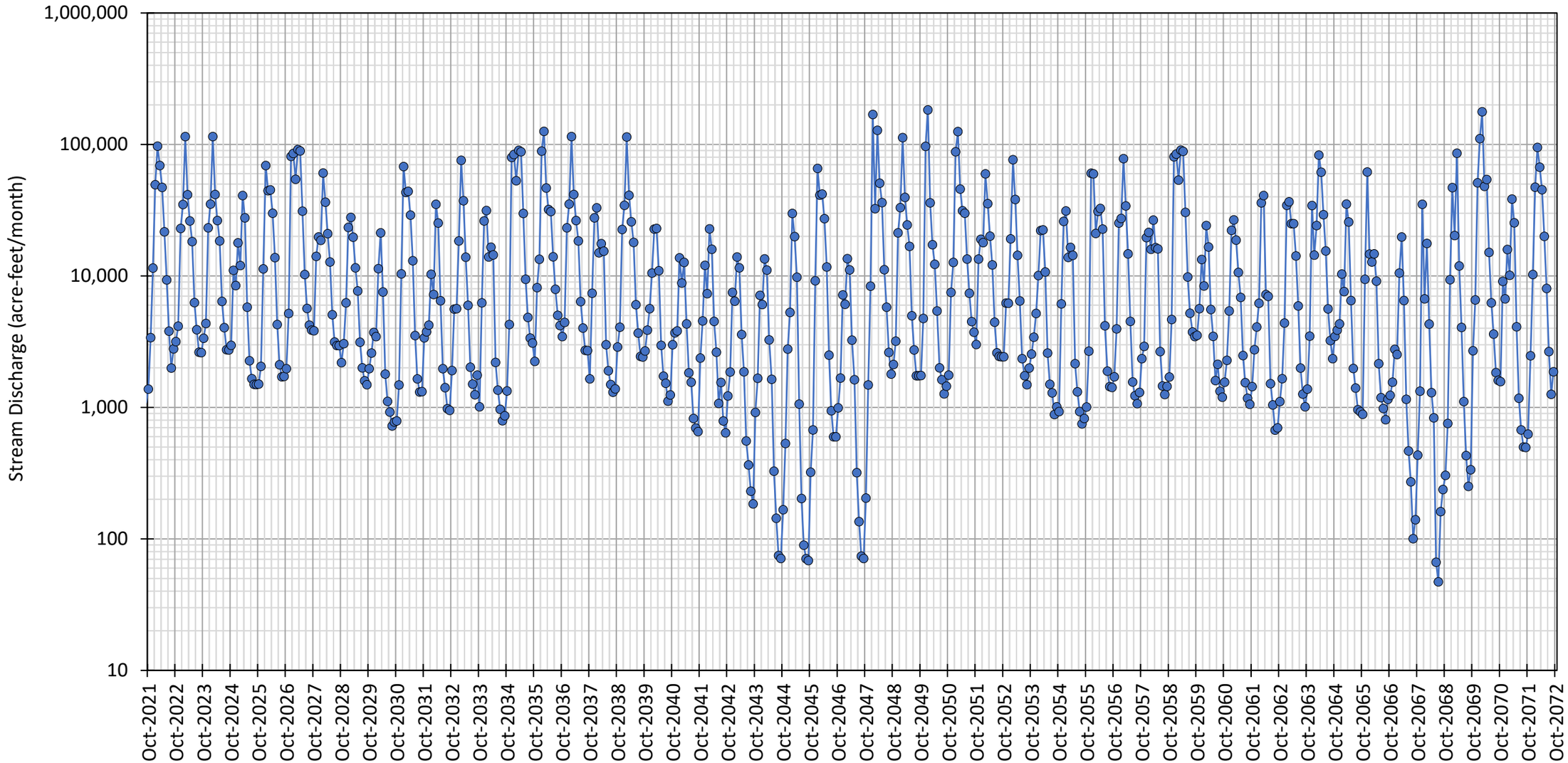
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Deer Creek Group to Sacramento River

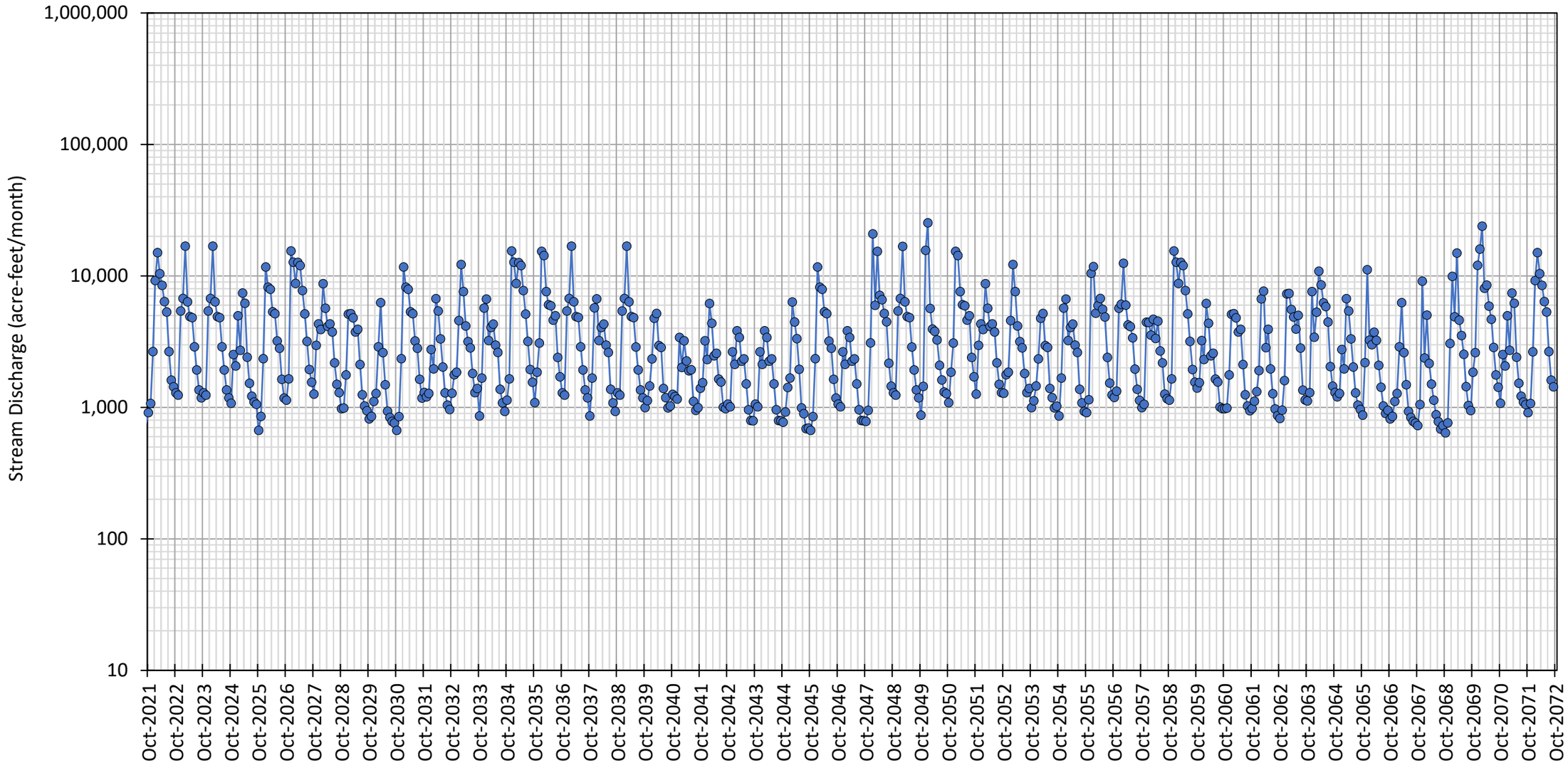
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Dye Creek to Sacramento River

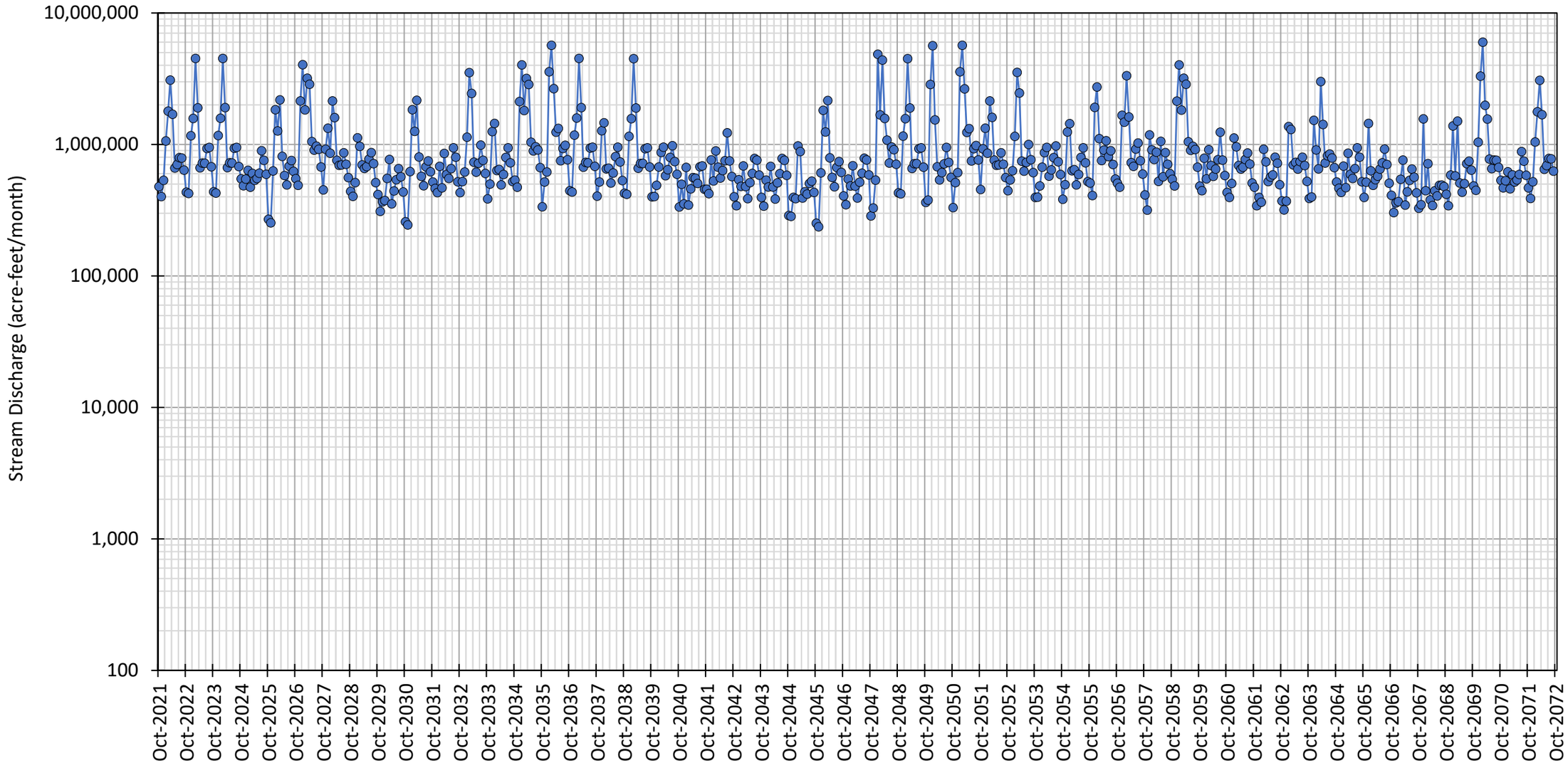
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Sacramento River at Los Molinos Subbasin Boundary

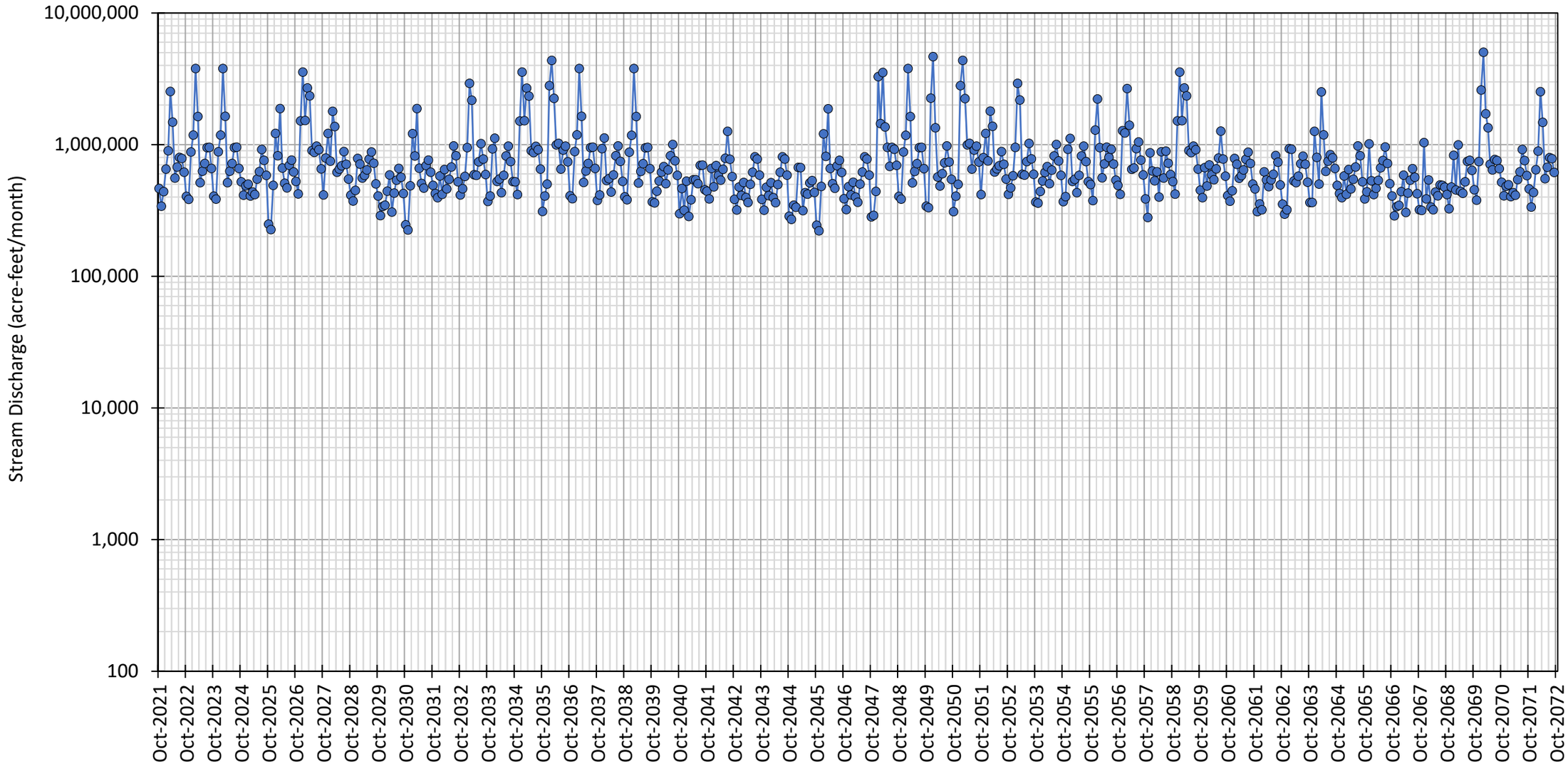
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Inflow from Sacramento River at Red Bluff Subbasin Boundary

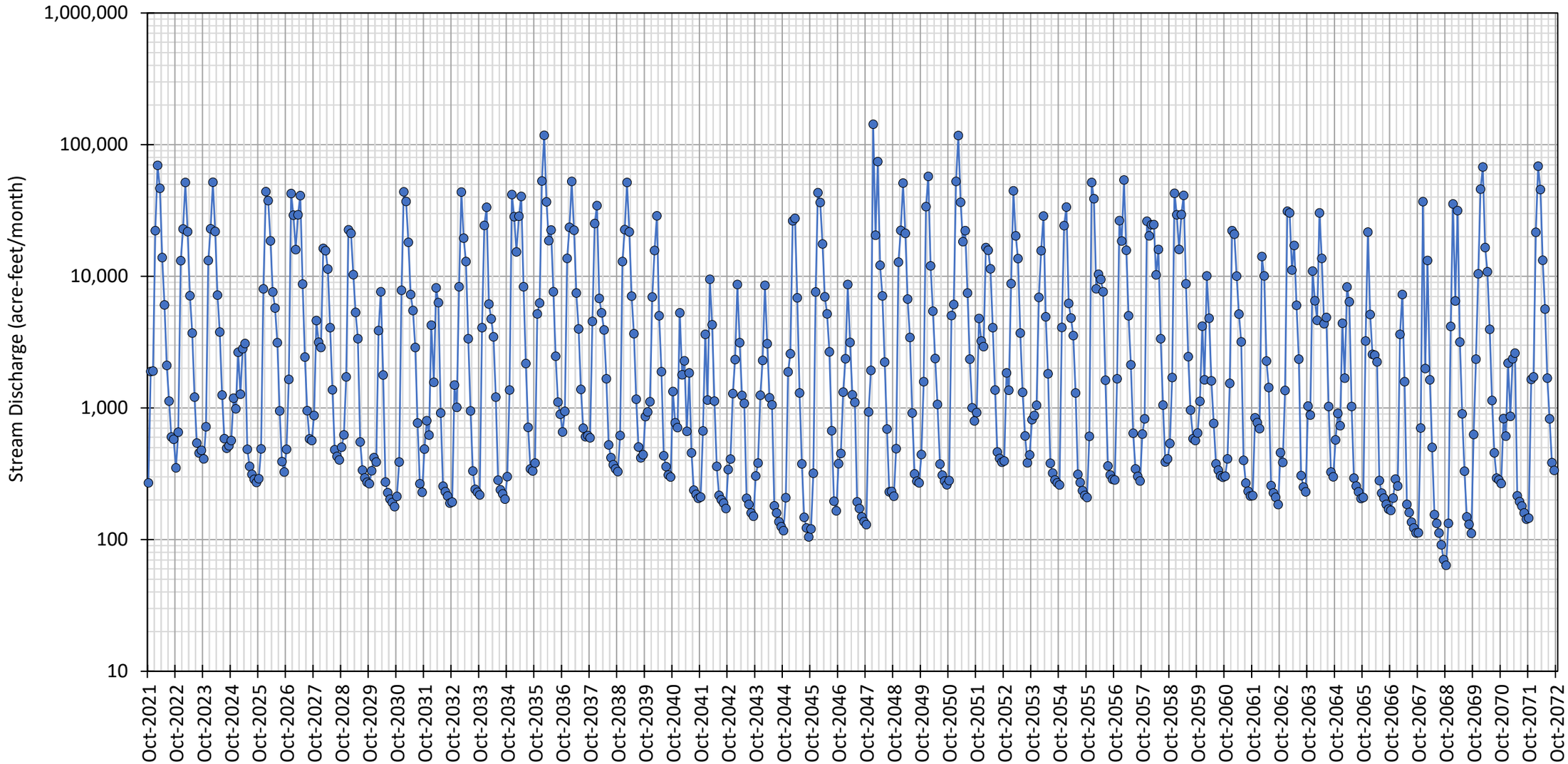
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Elder Creek to Sacramento River

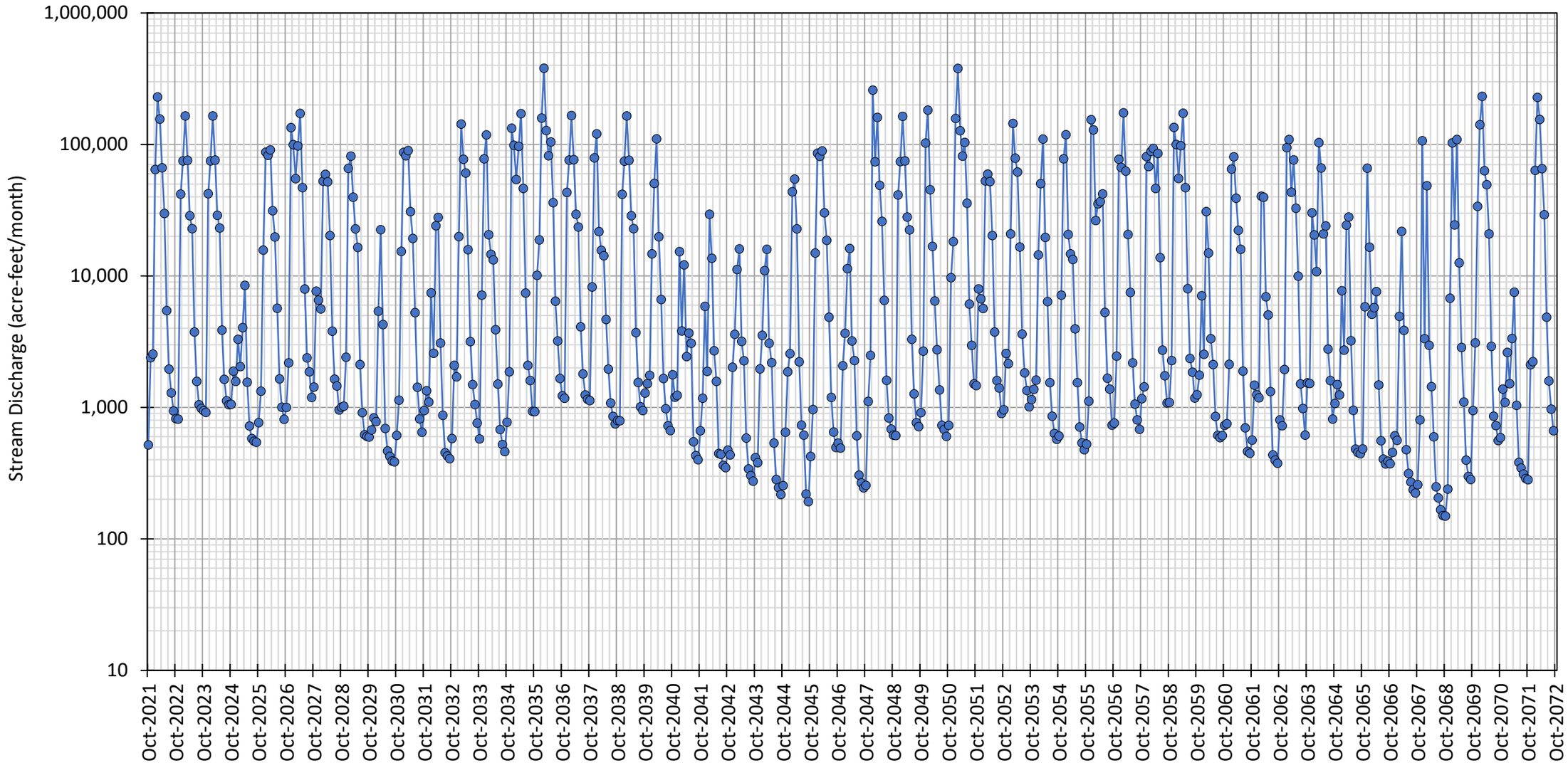
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Thomes Creek to Sacramento River

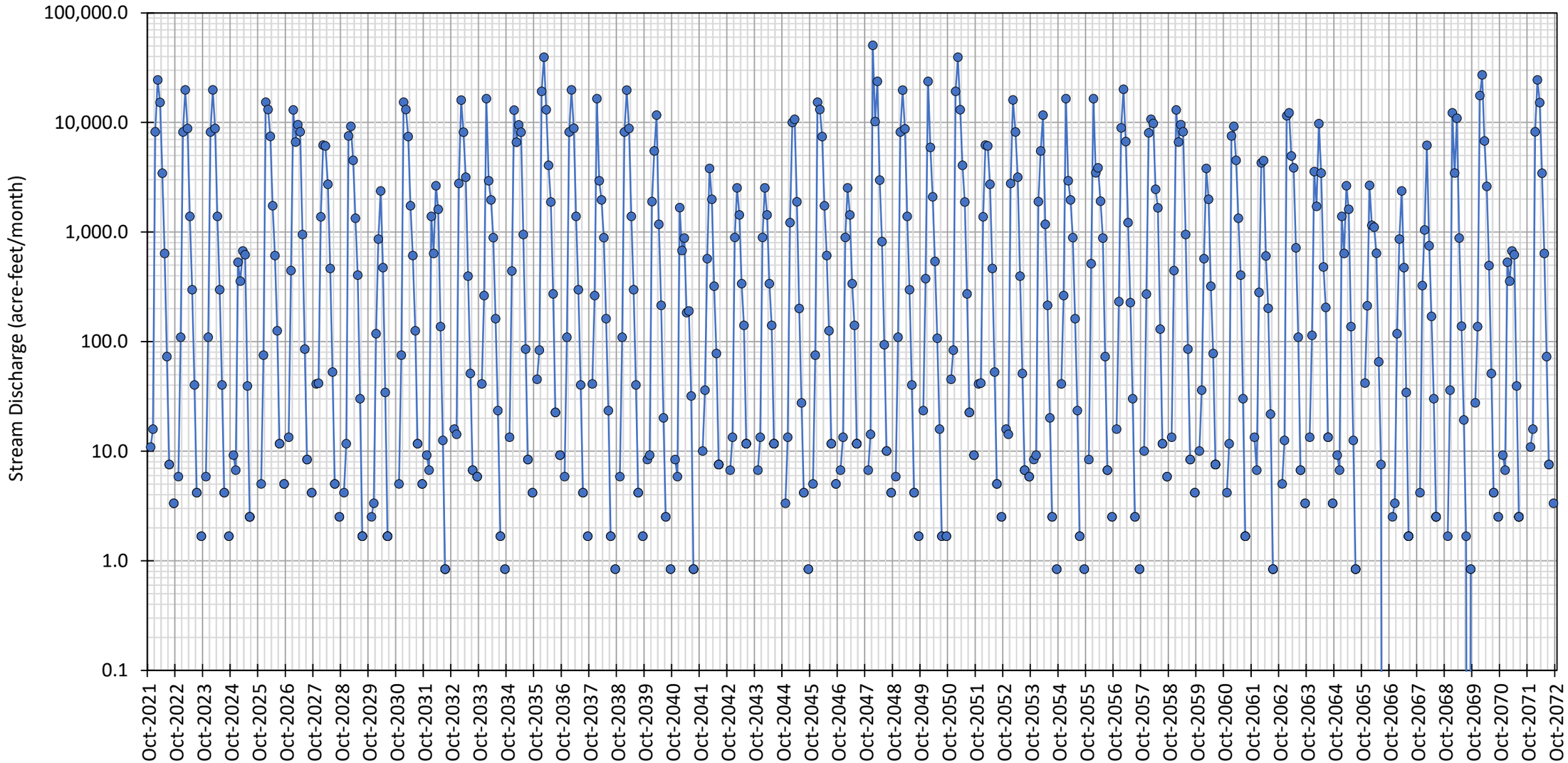
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Red Bank Creek to Sacramento River

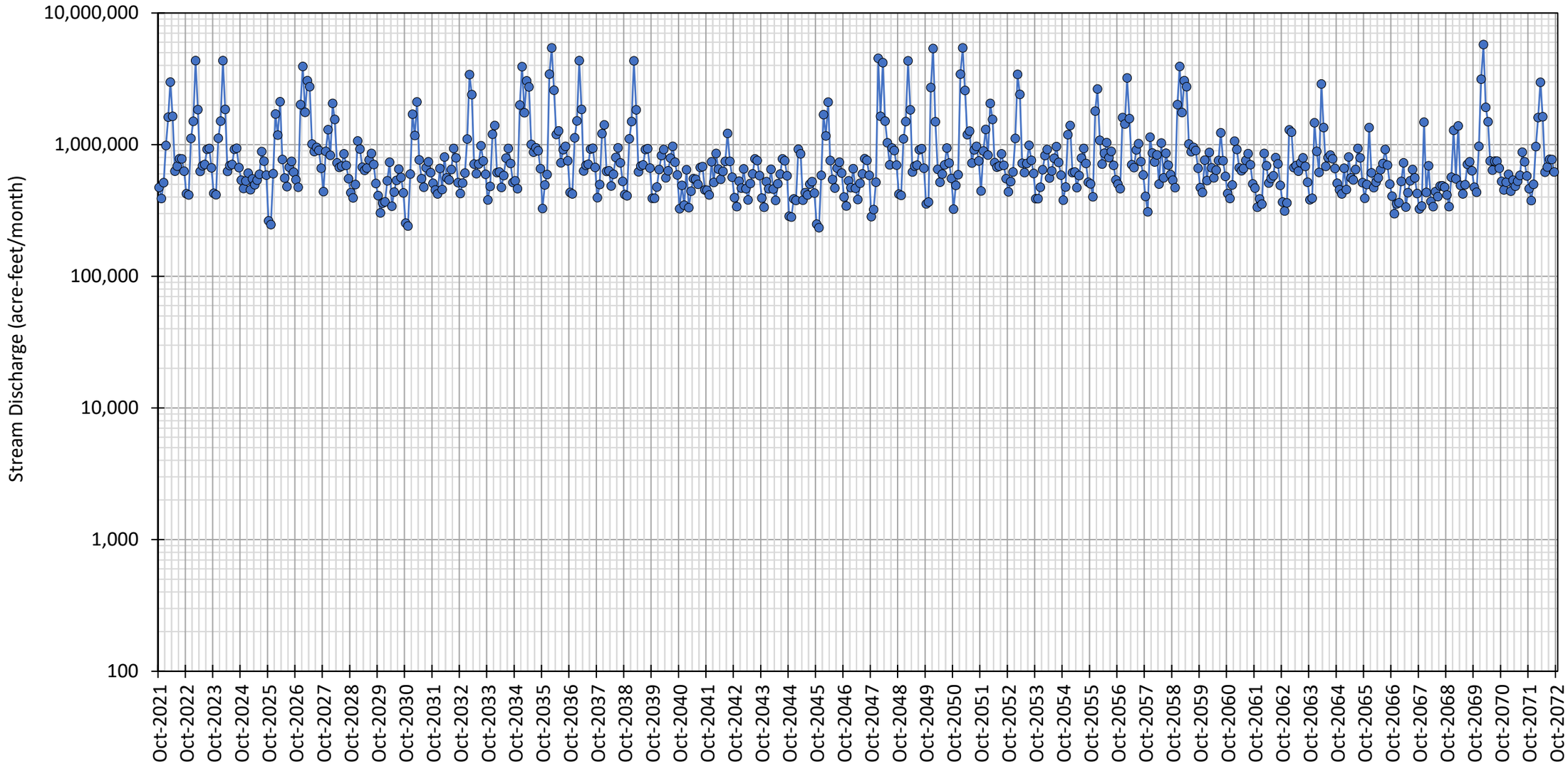
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

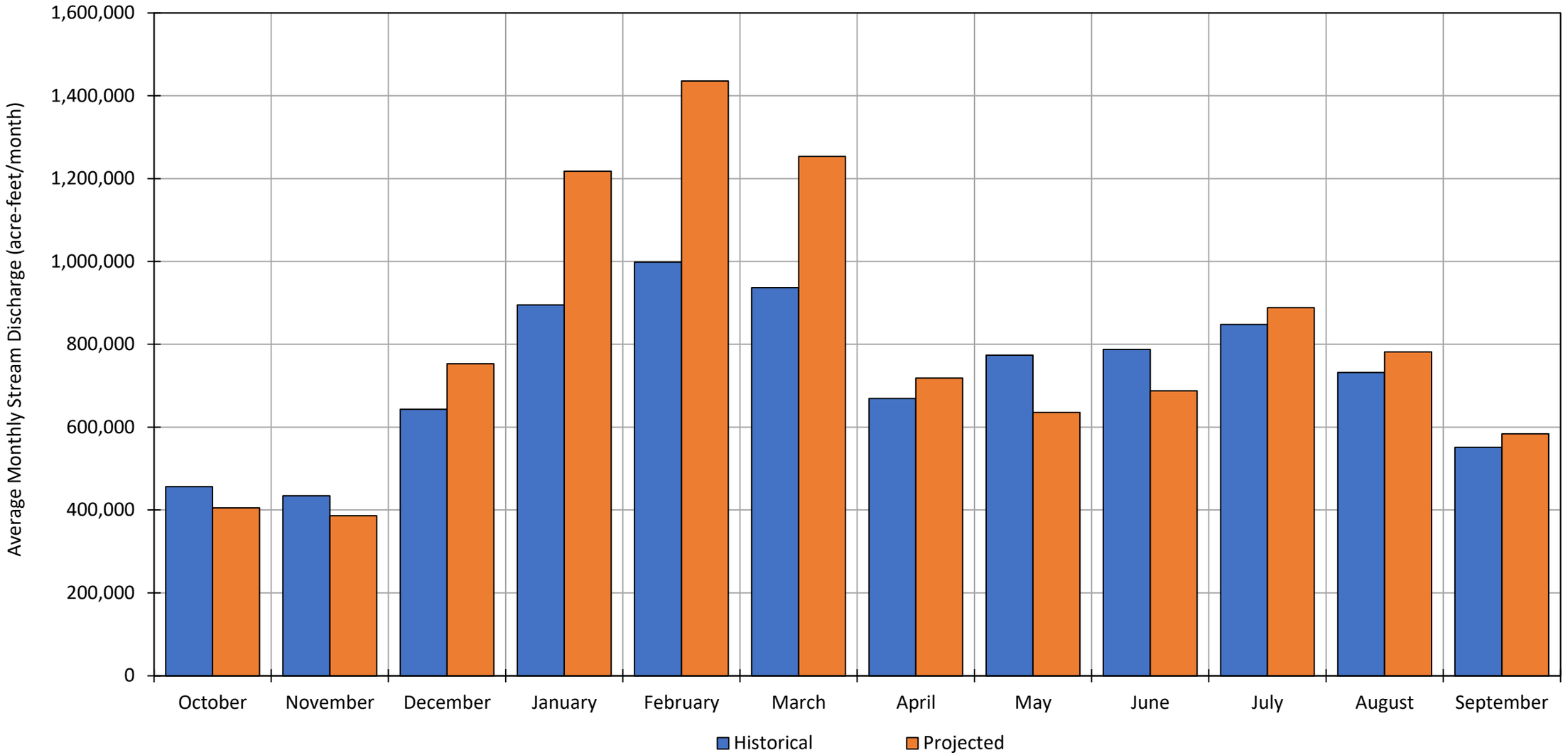
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Inflow from Sacramento River at Antelope Subbasin Boundary

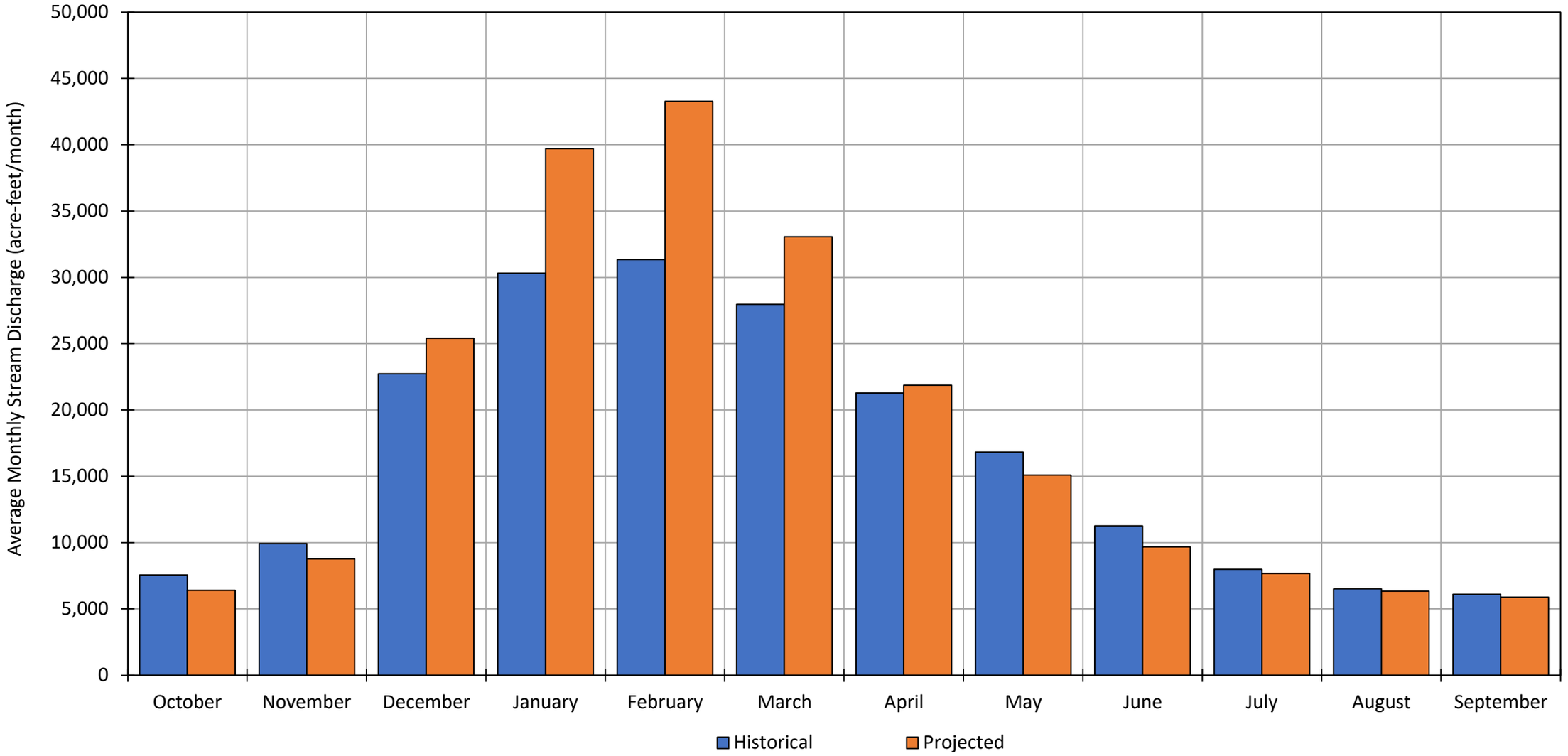
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Antelope Creek Group to Sacramento River

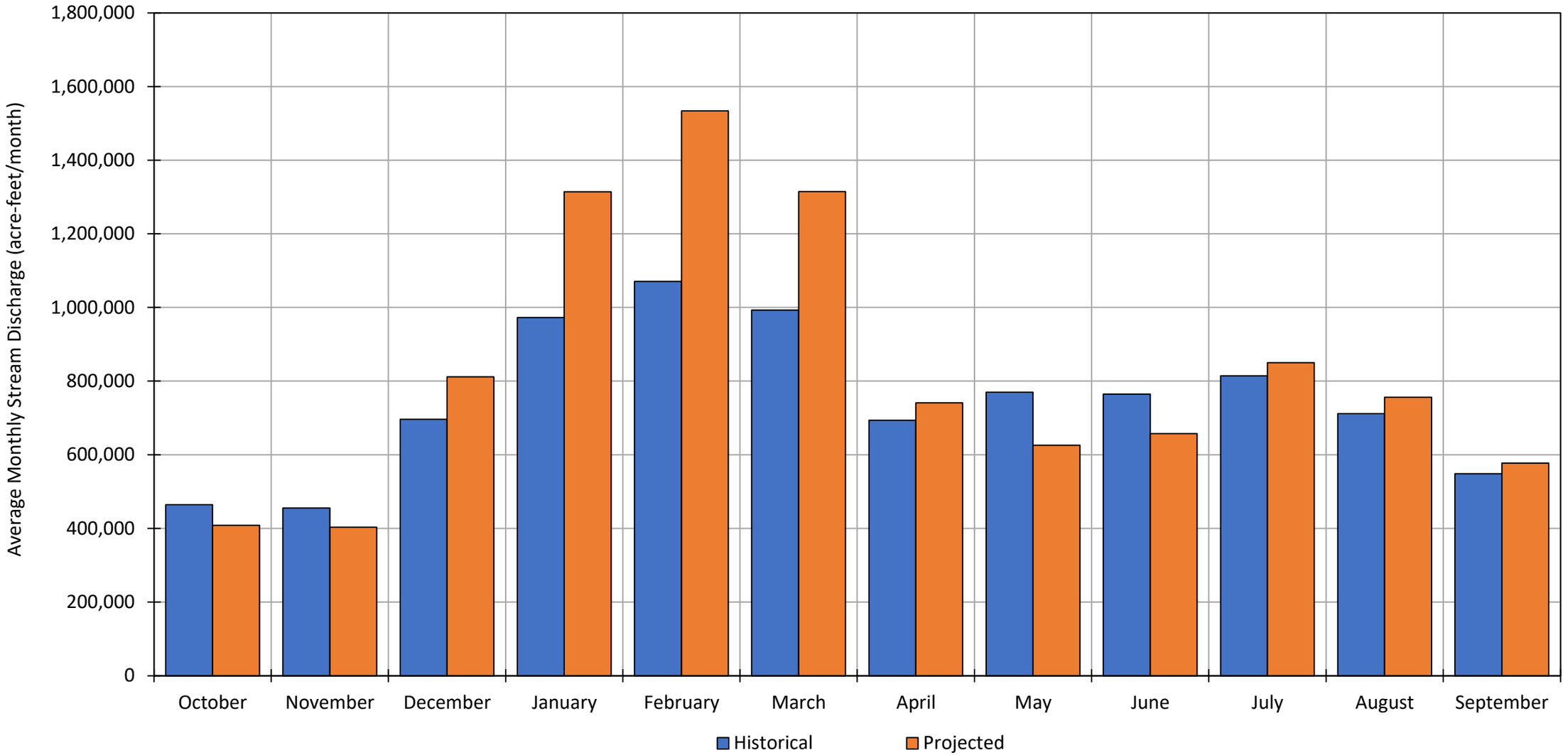
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Sacramento River at Antelope Subbasin Boundary

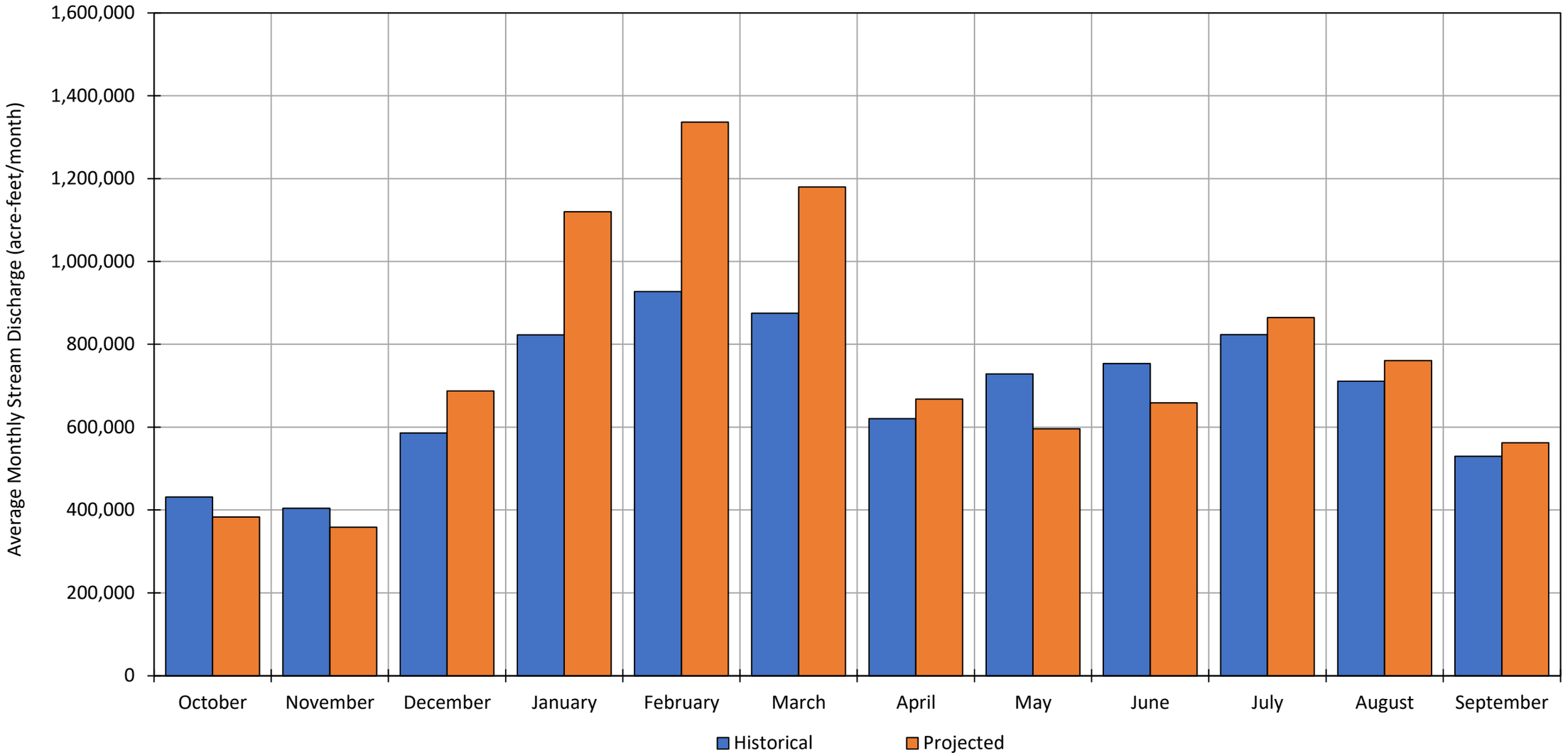
Antelope Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Inflow from Sacramento River at Bowman Subbasin Boundary

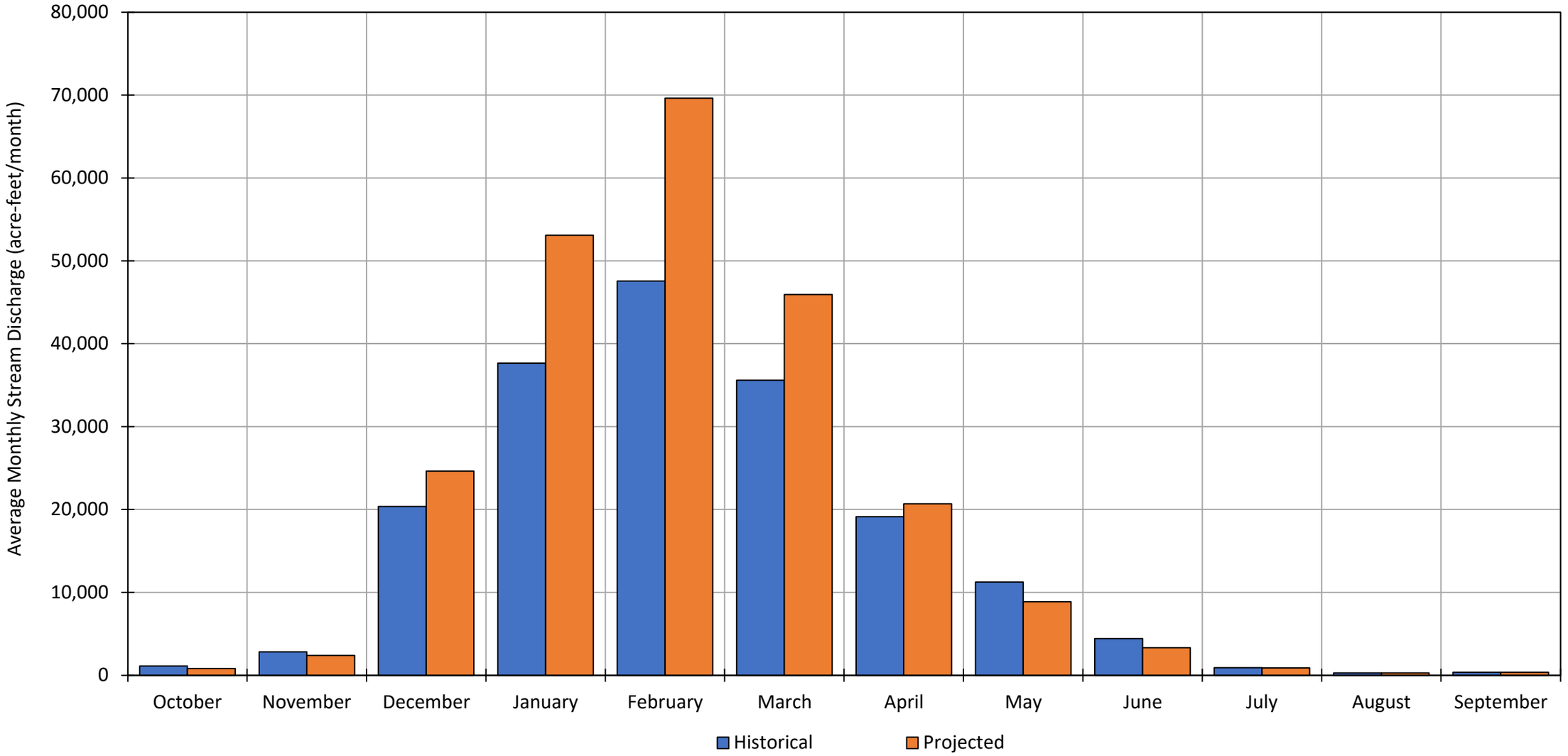
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from MF Cottonwood Creek to Cottonwood Creek

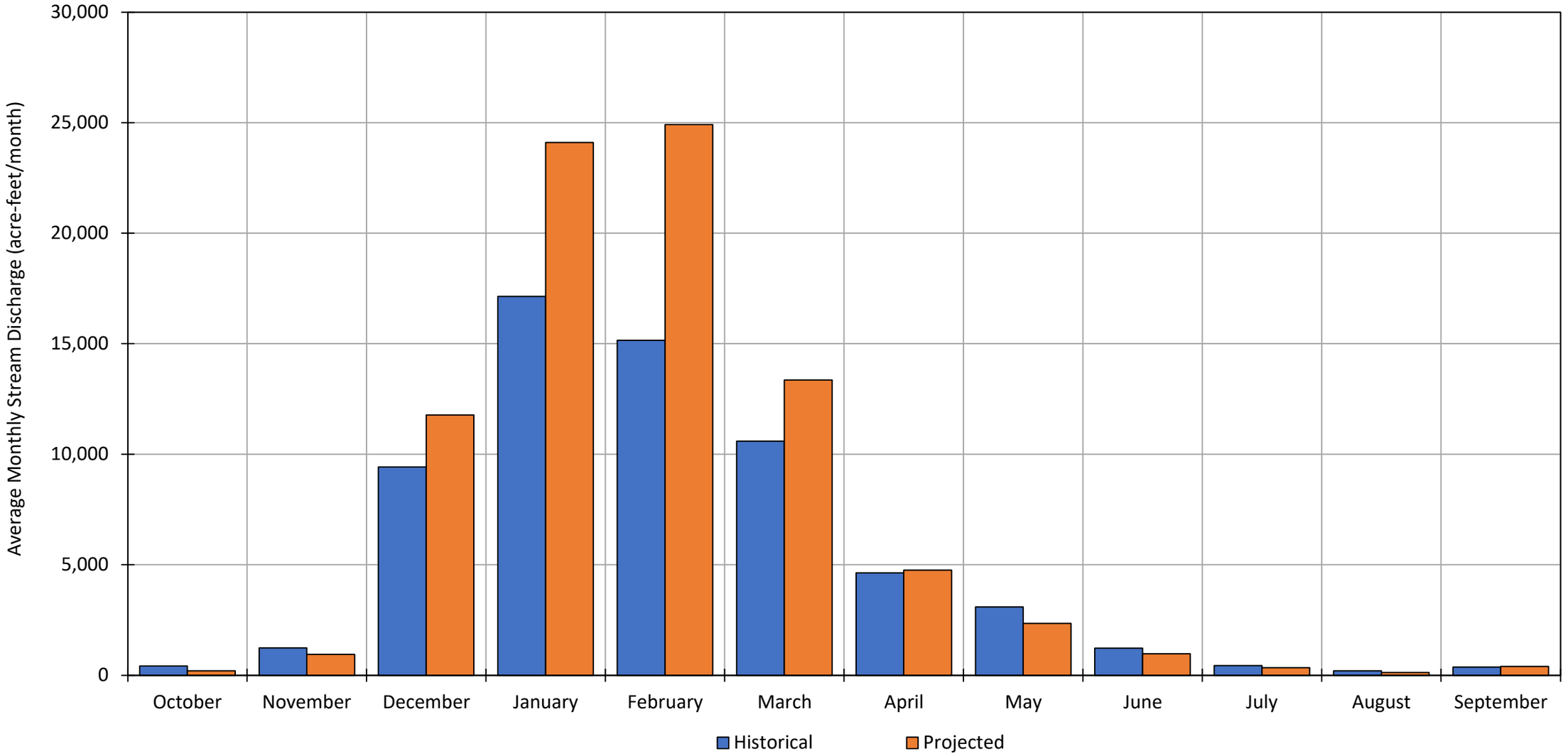
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from SF Cottonwood Creek to Cottonwood Creek

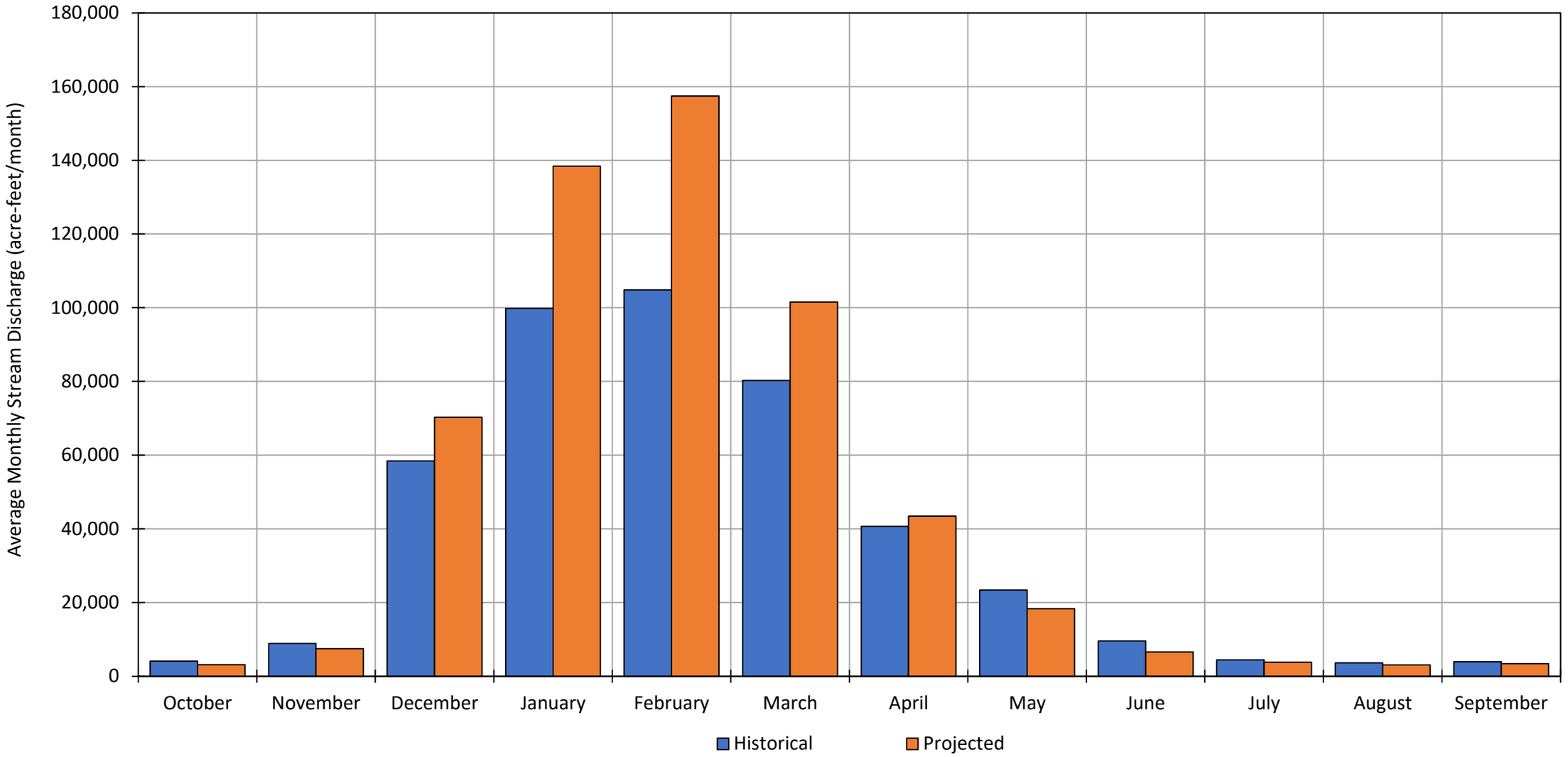
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Cottonwood Creek to Sacramento River

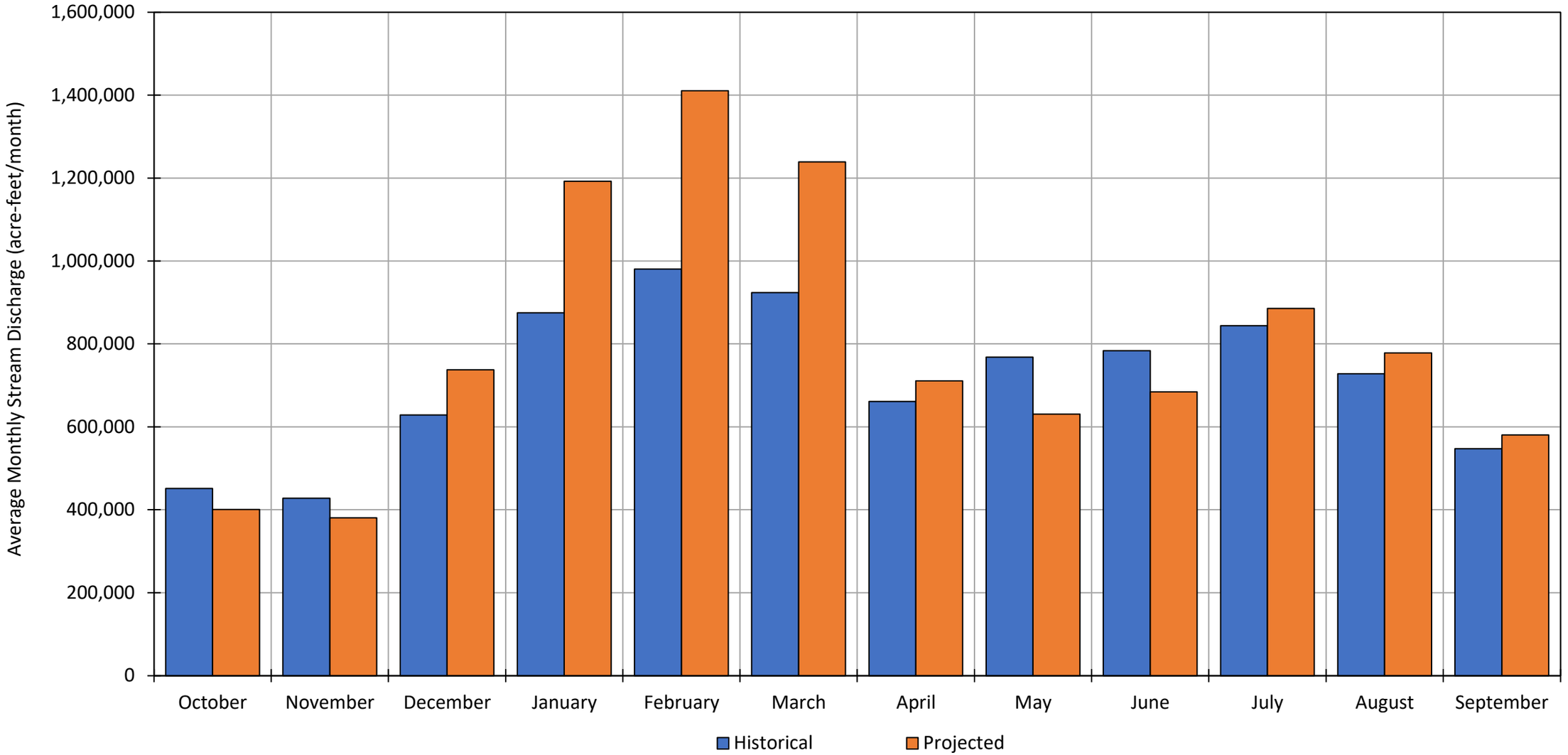
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Sacramento River at Bowman Subbasin Boundary

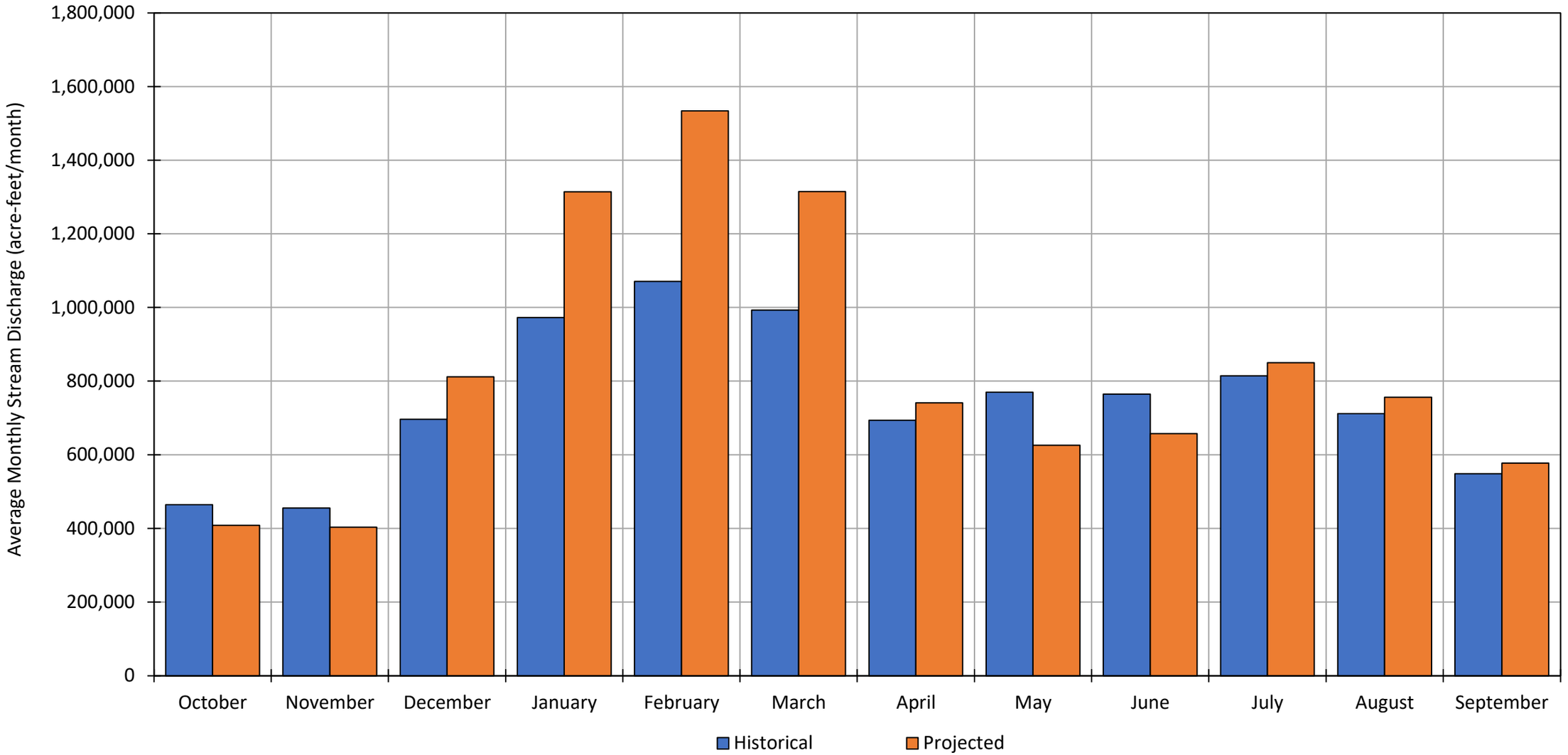
Bowman Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Inflow from Sacramento River at Los Molinos Subbasin Boundary

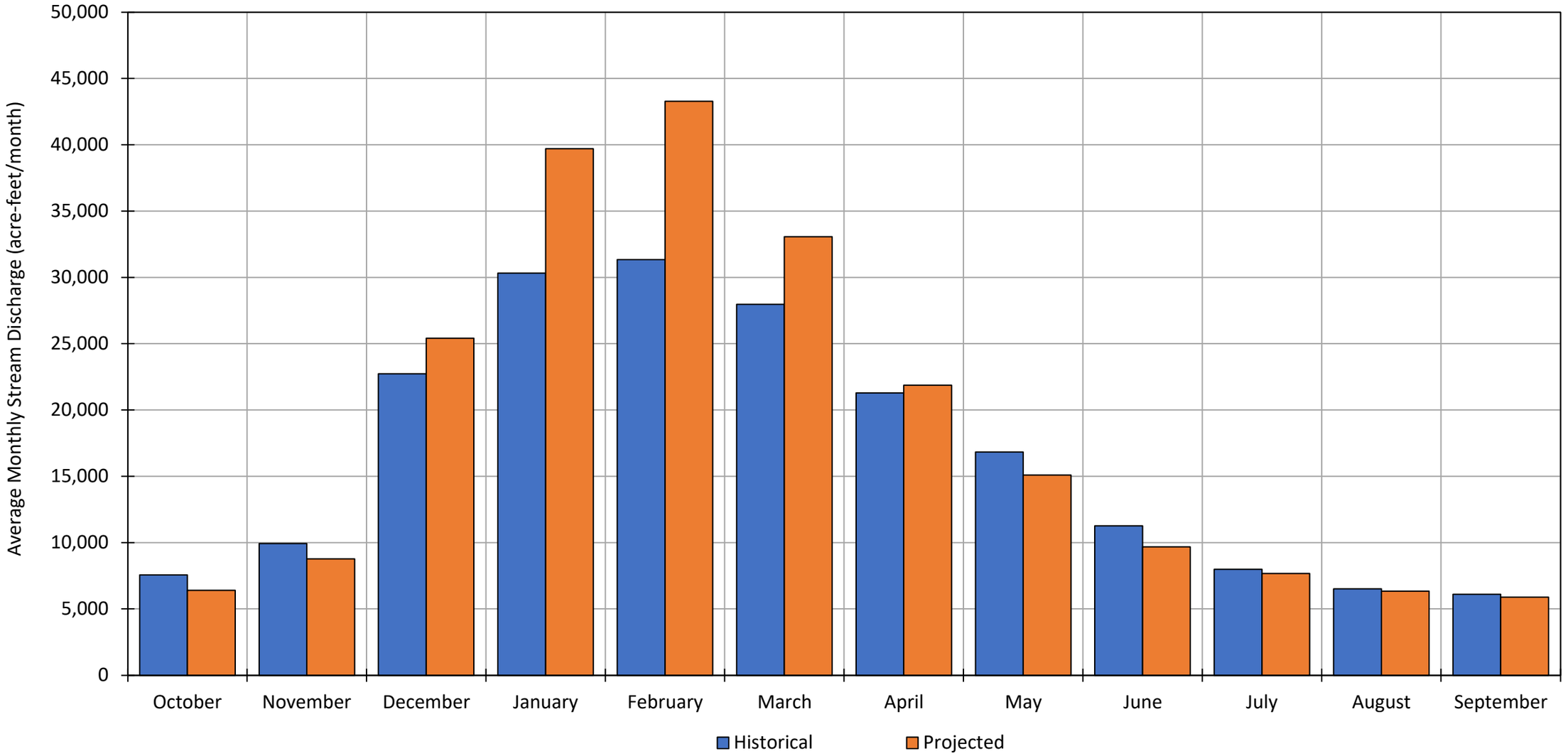
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Antelope Creek Group to Sacramento River

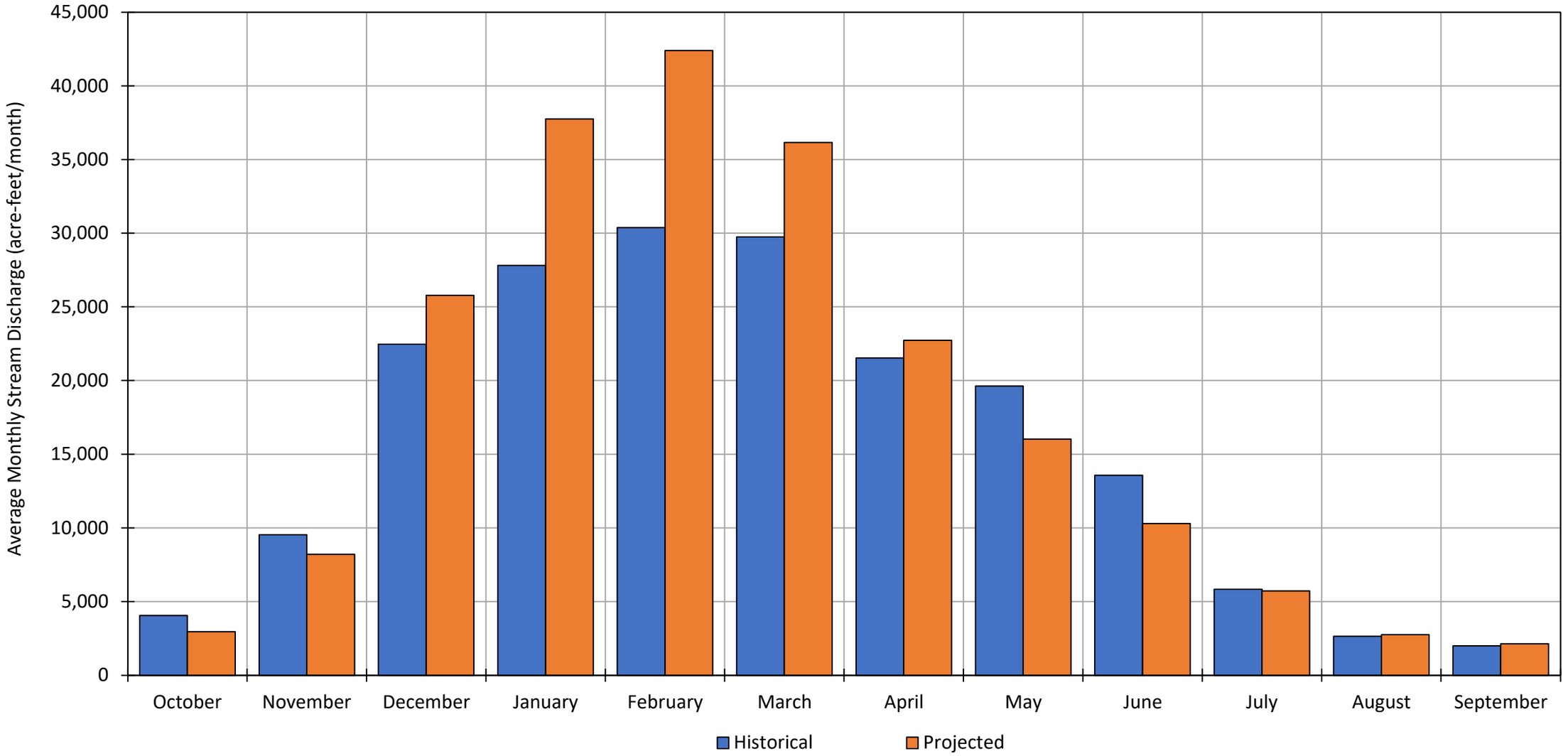
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Mill Creek to Sacramento River

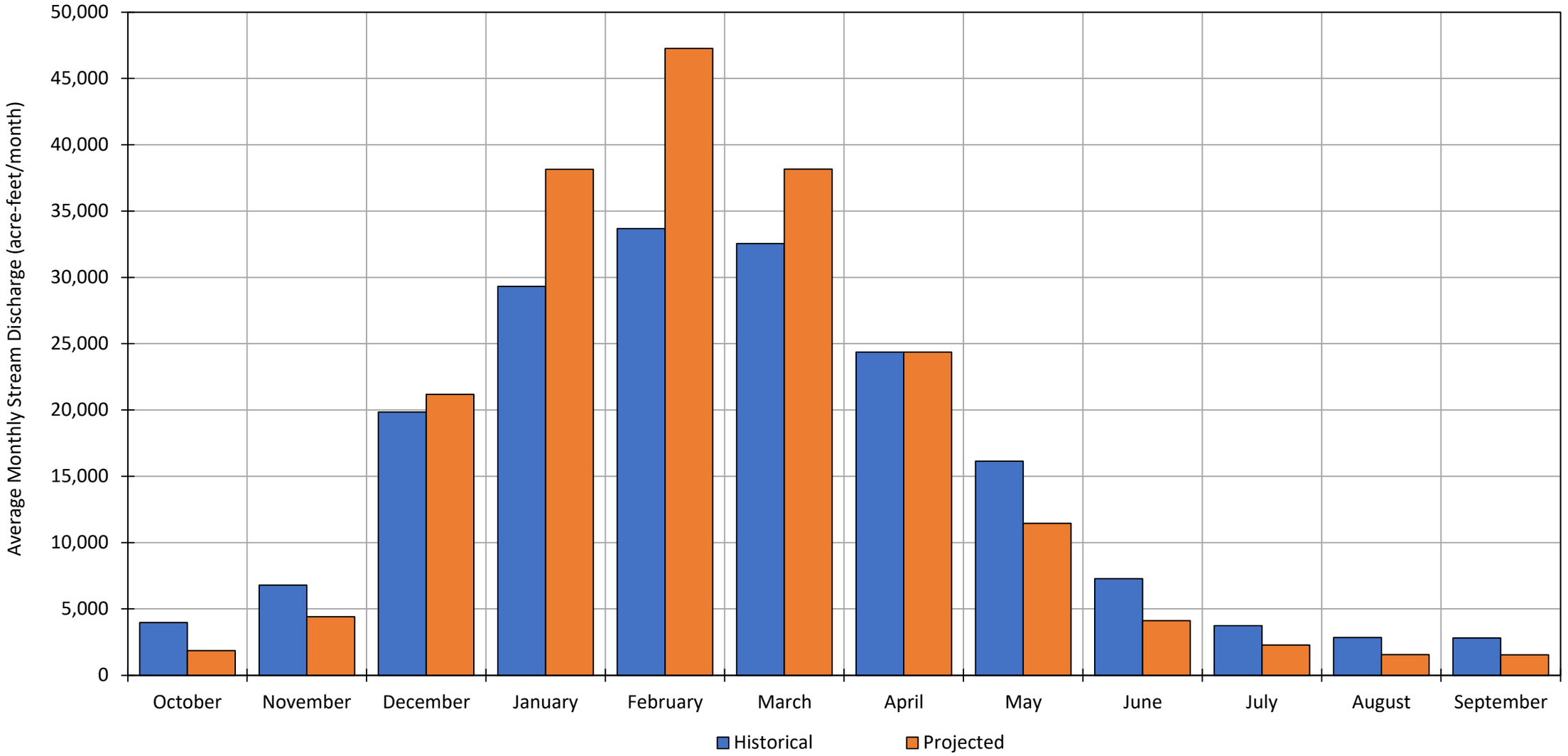
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Deer Creek Group to Sacramento River

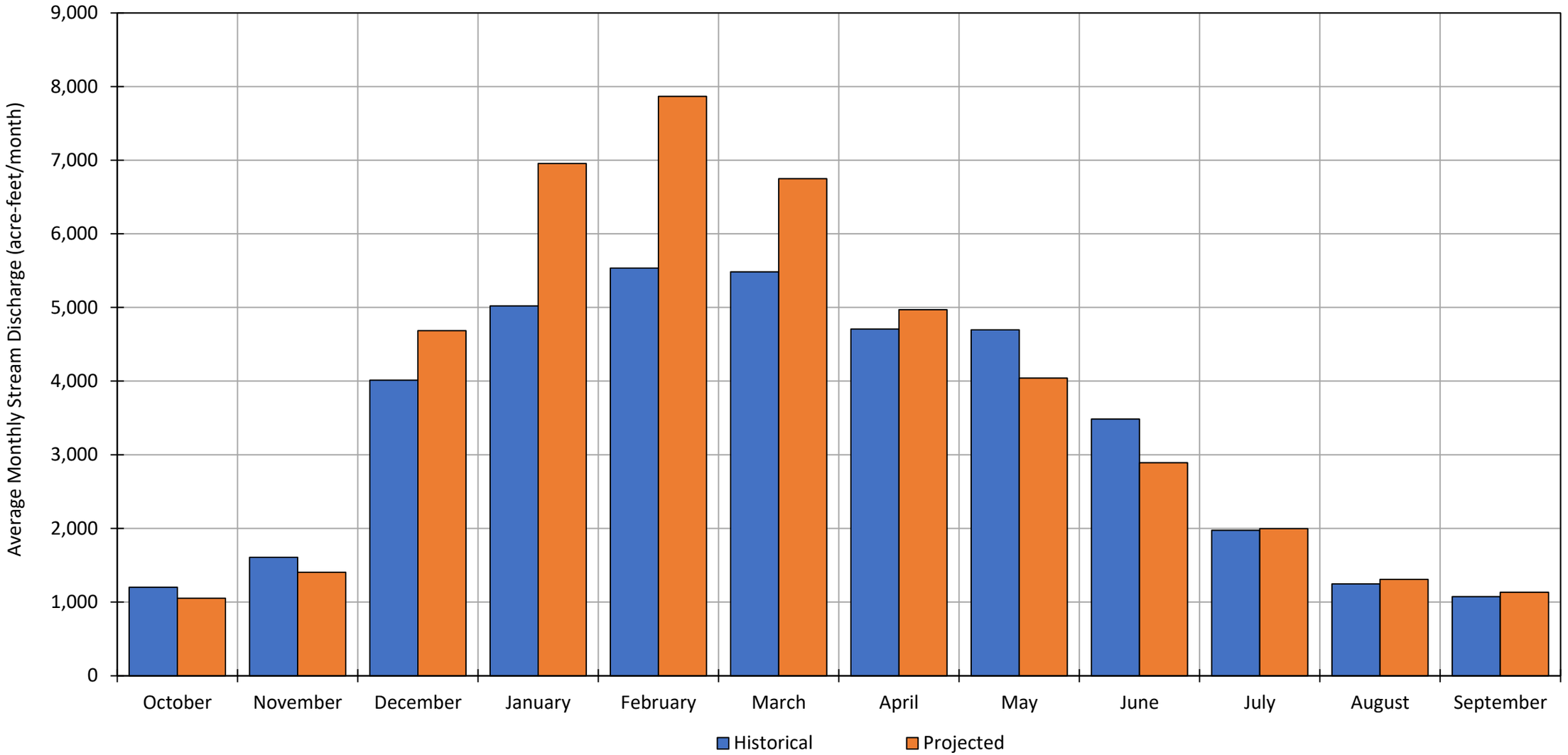
Los Molinos Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Dye Creek to Sacramento River

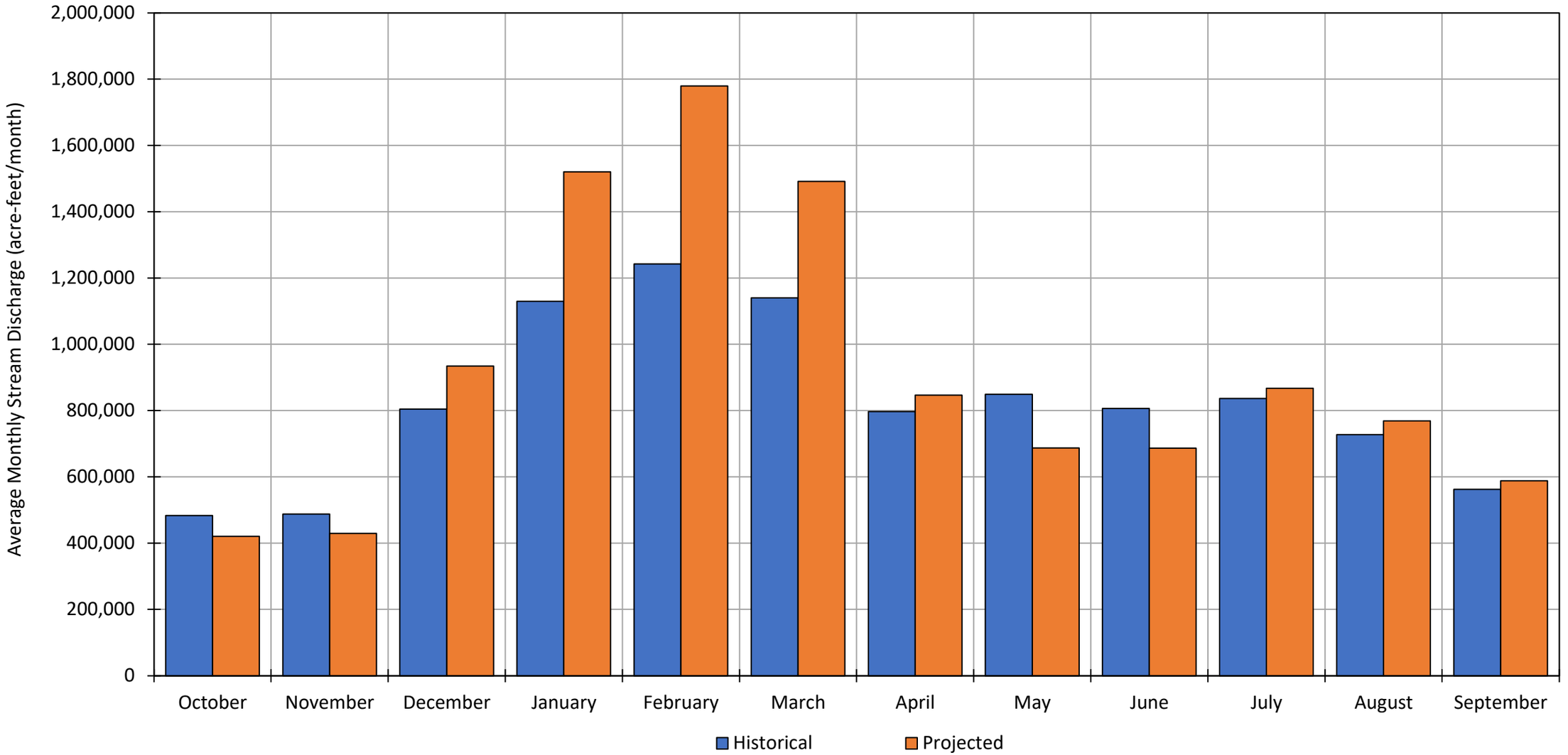
Los Molinos Subbasin



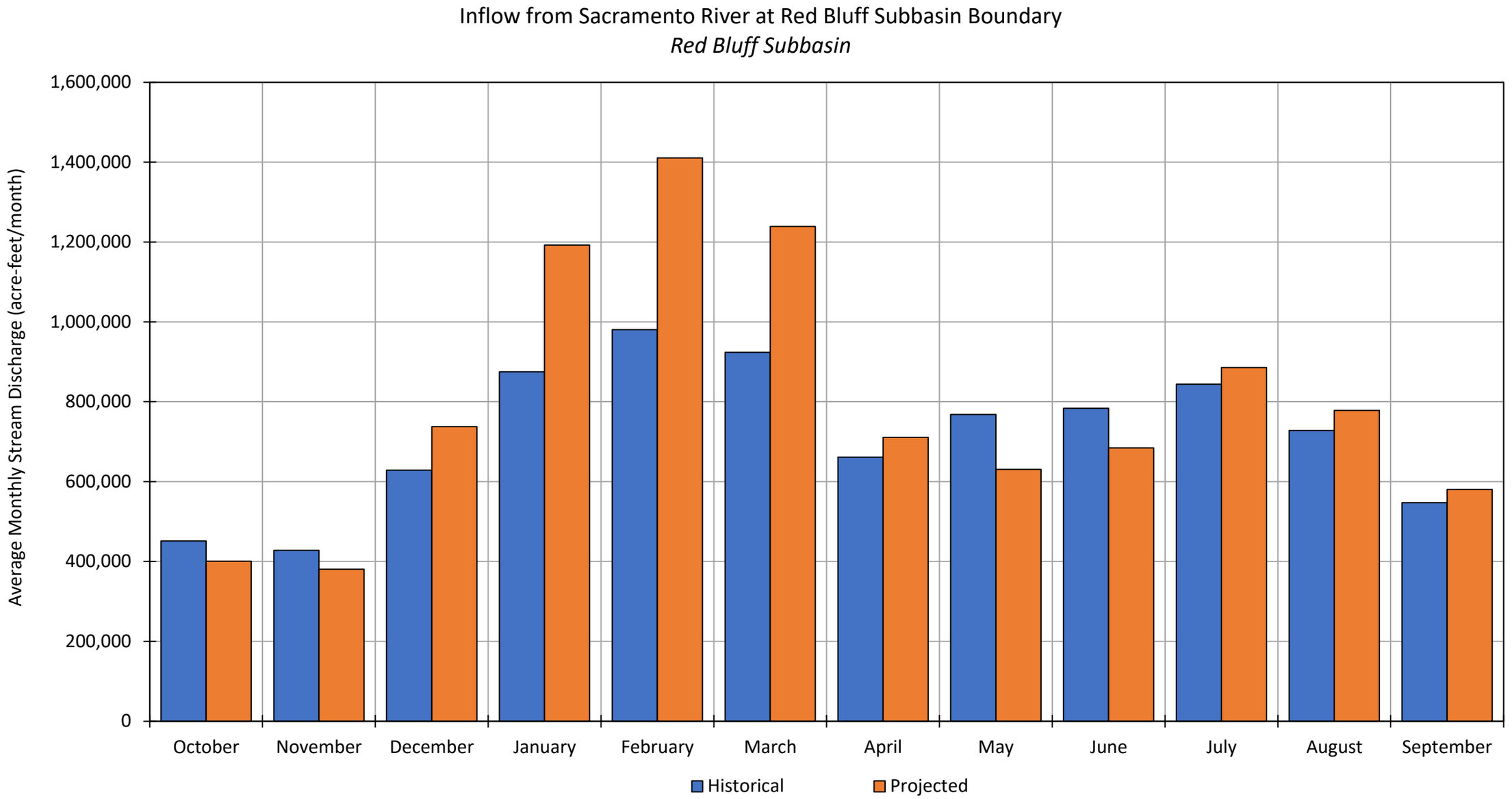
Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Sacramento River at Los Molinos Subbasin Boundary

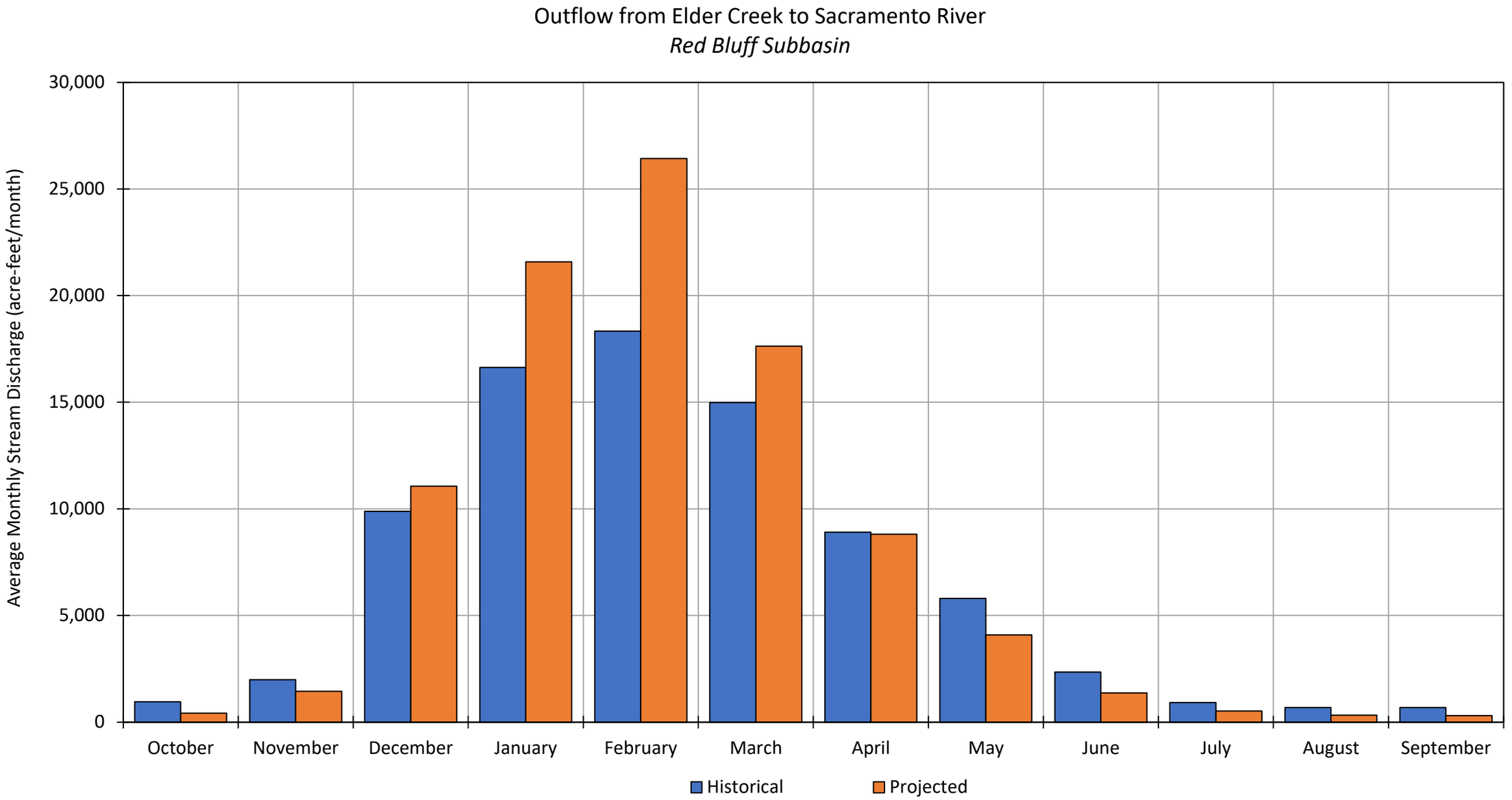
Los Molinos Subbasin



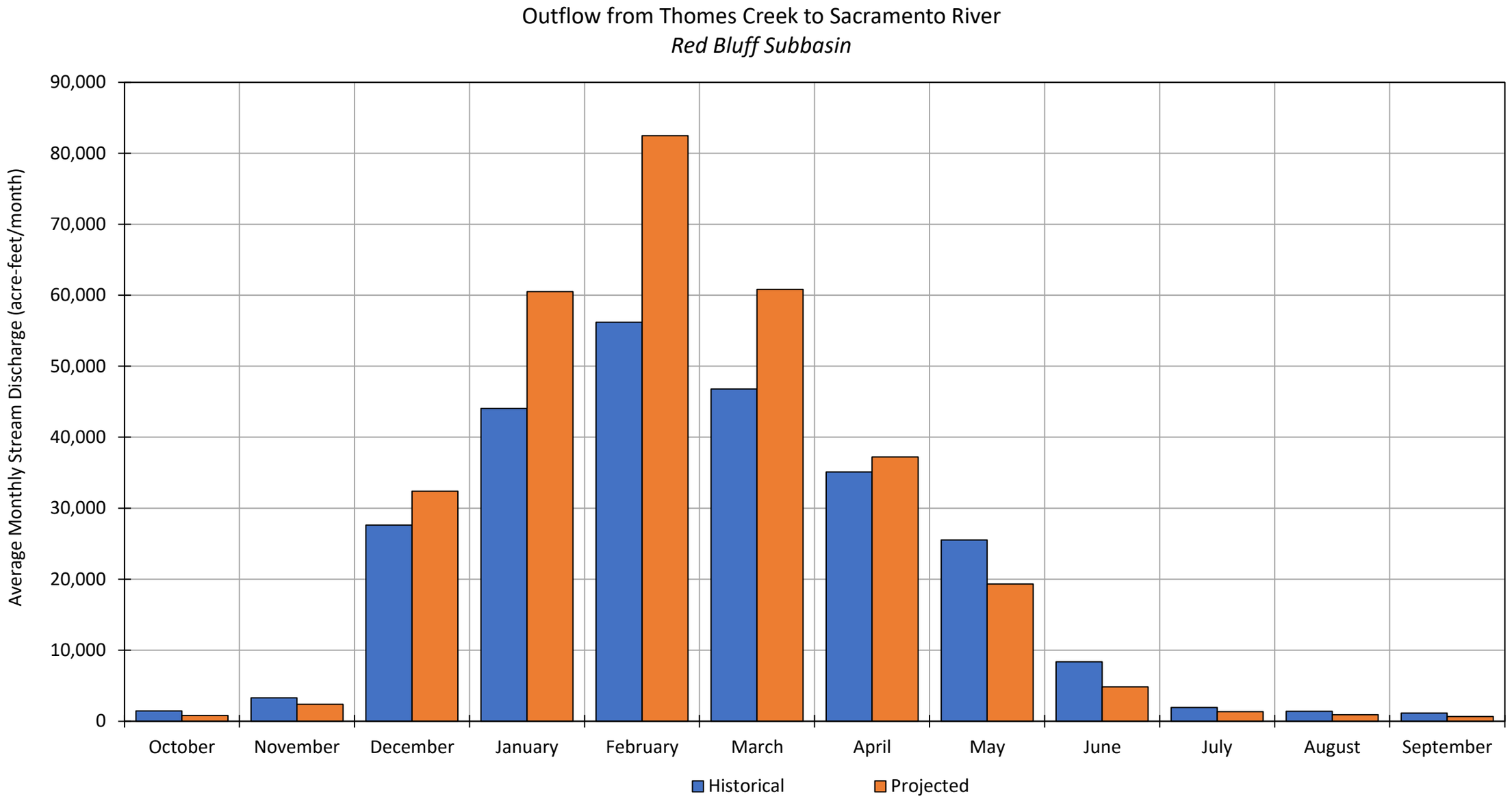
Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)



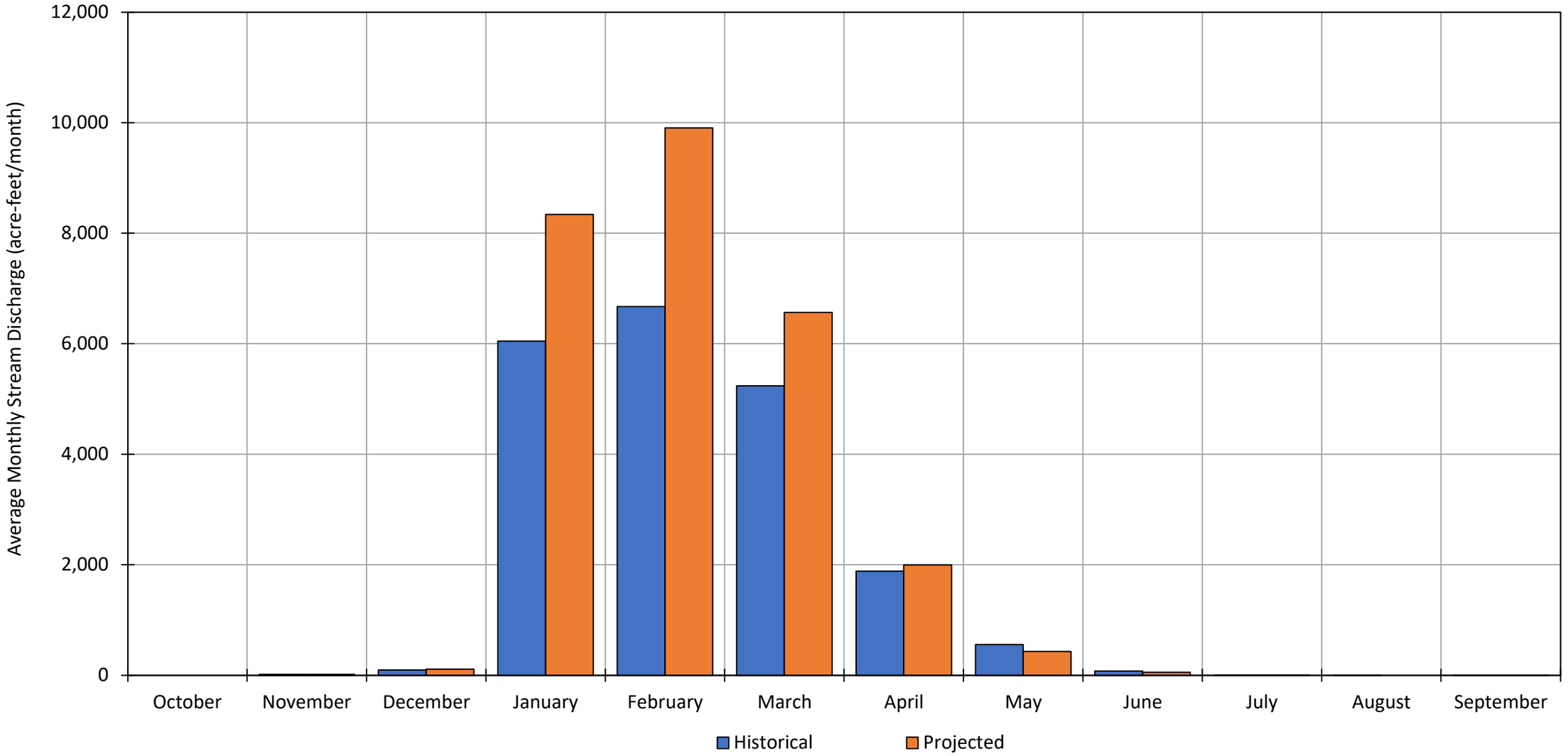
Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Red Bank Creek to Sacramento River

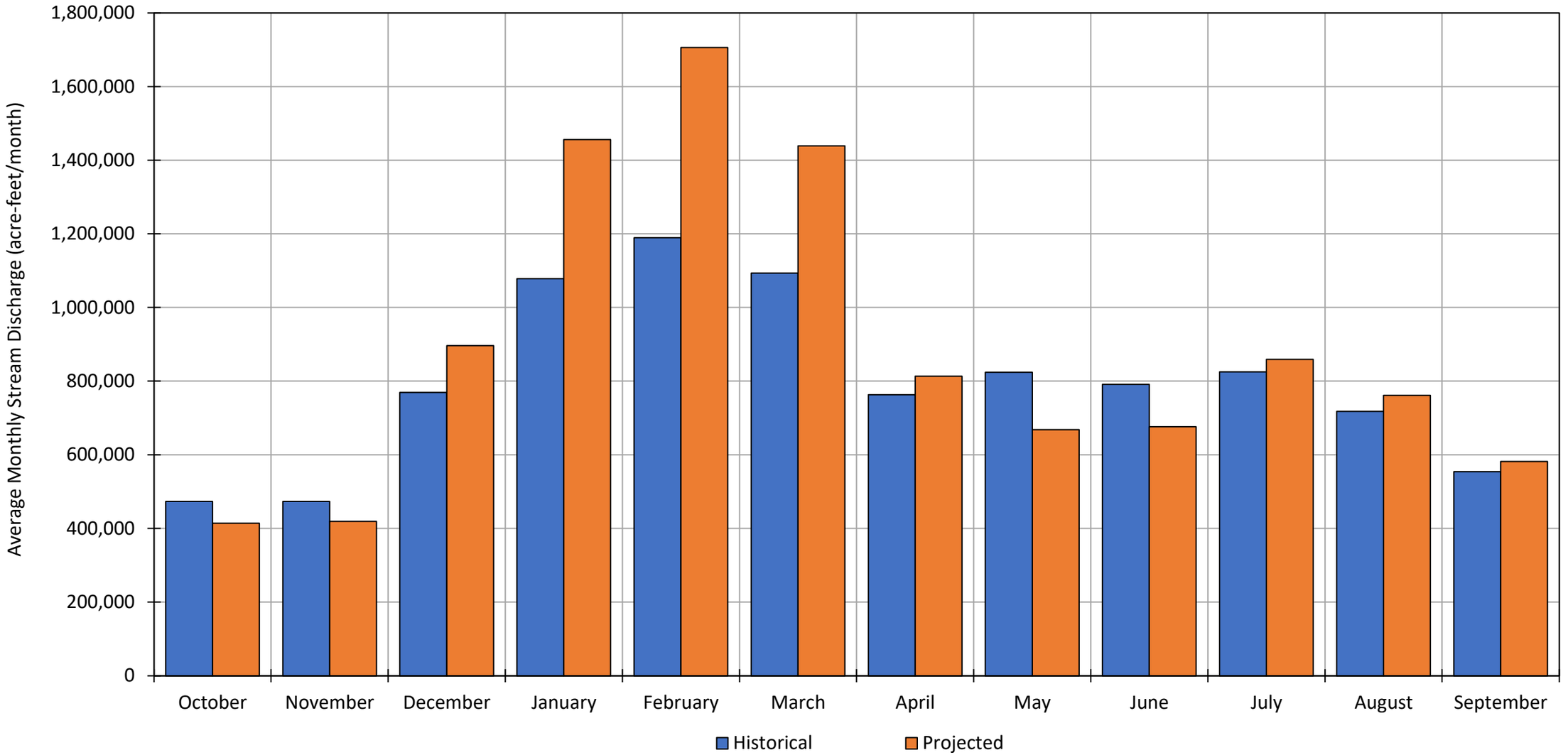
Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

Outflow from Sacramento River at Red Bluff Subbasin Boundary

Red Bluff Subbasin



Tehama IHM - Projected (Future Land Use) with Projects and Climate Change (2070)

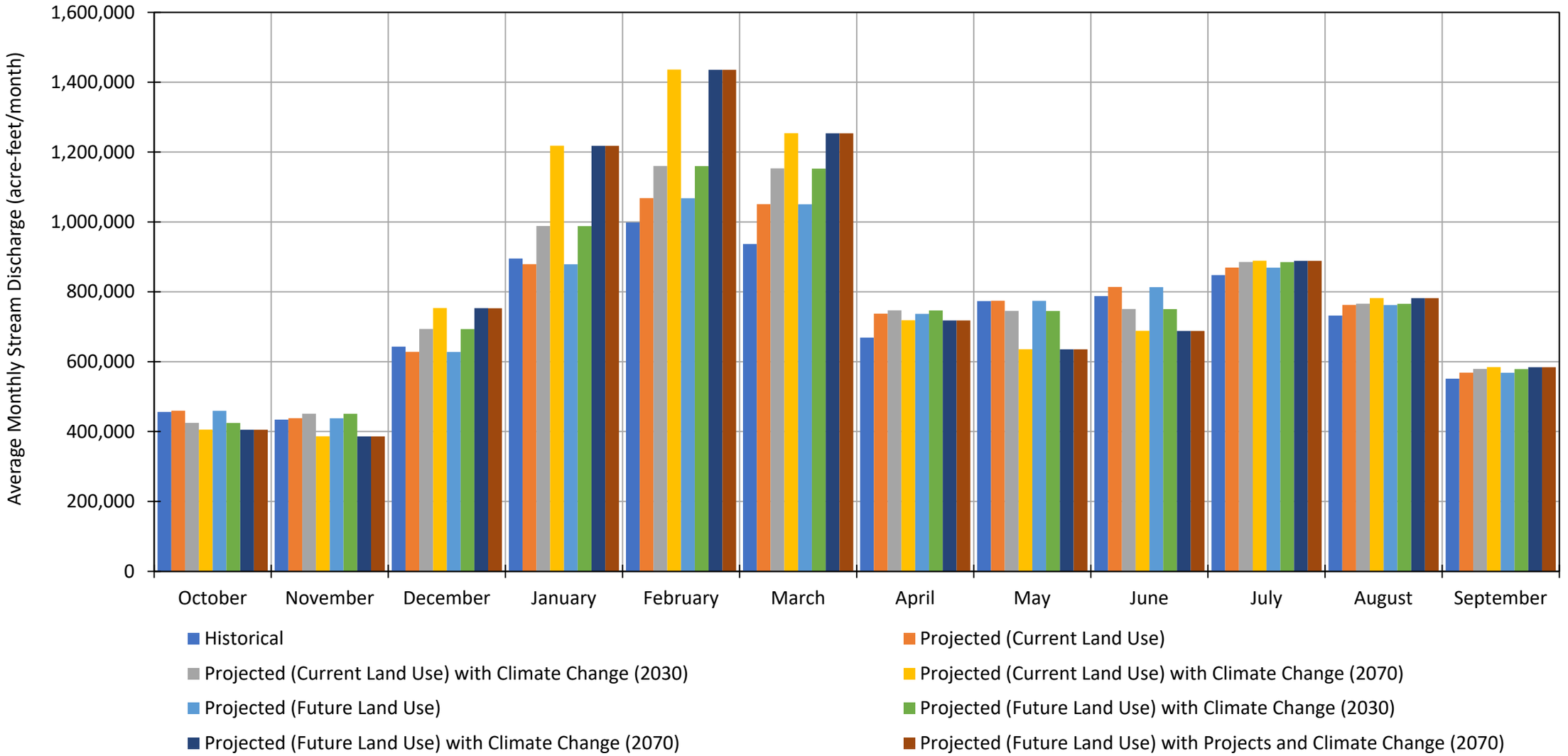
APPENDIX G-9

Tehama IHM Simulated Streamflows:

Comparison of Model Scenarios

Inflow from Sacramento River at Antelope Subbasin Boundary

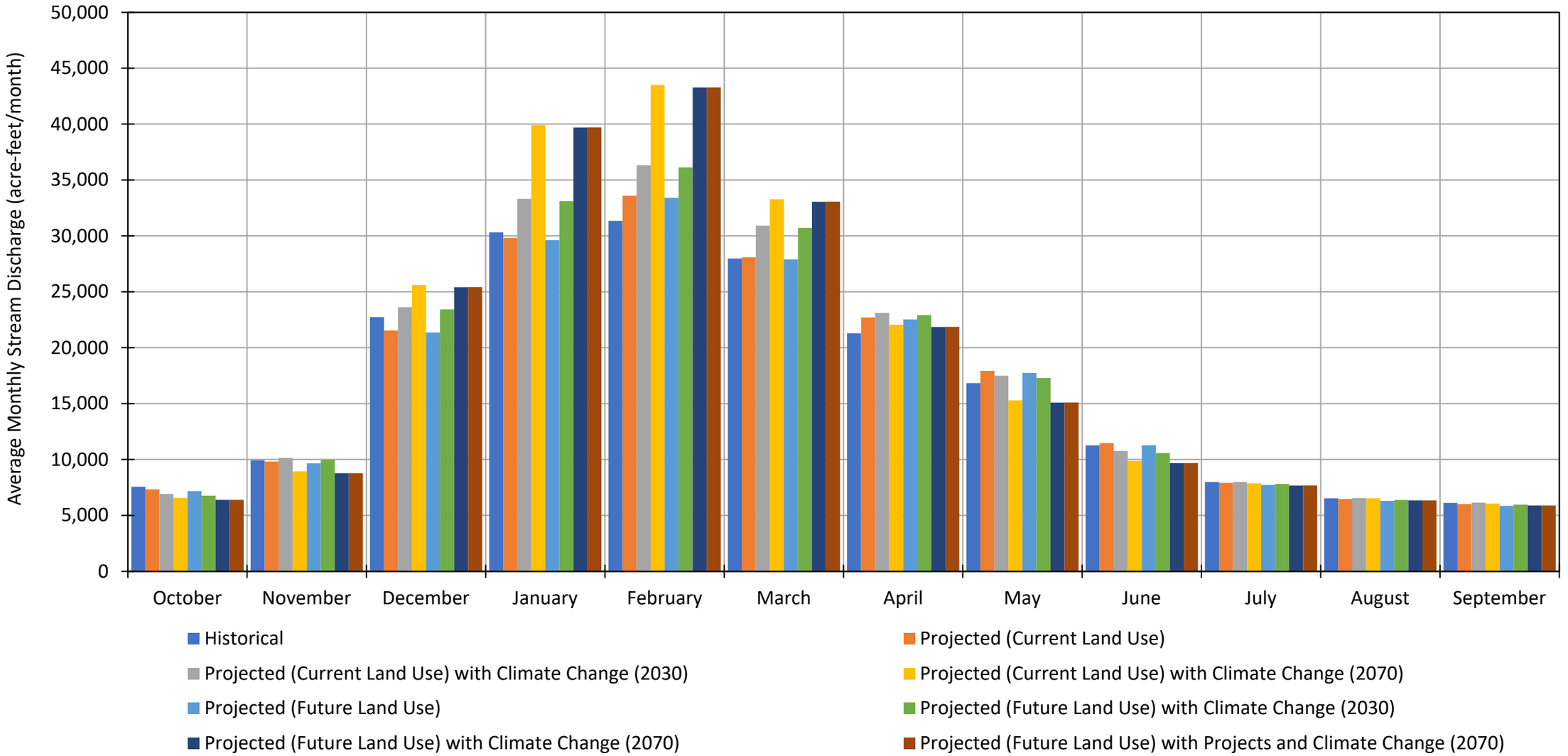
Antelope Subbasin



Tehama IHM

Outflow from Antelope Creek Group to Sacramento River

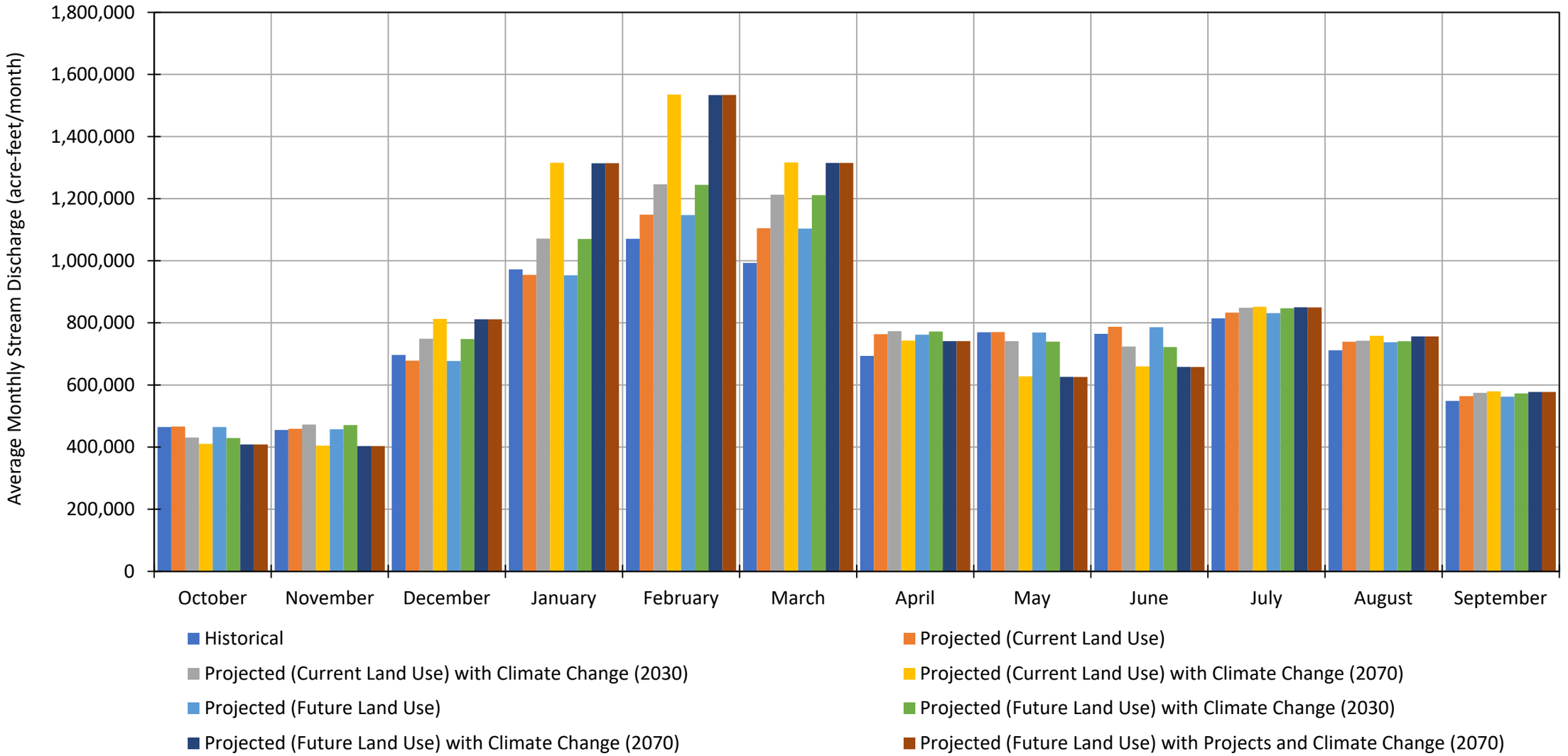
Antelope Subbasin



Tehama IHM

Outflow from Sacramento River at Antelope Subbasin Boundary

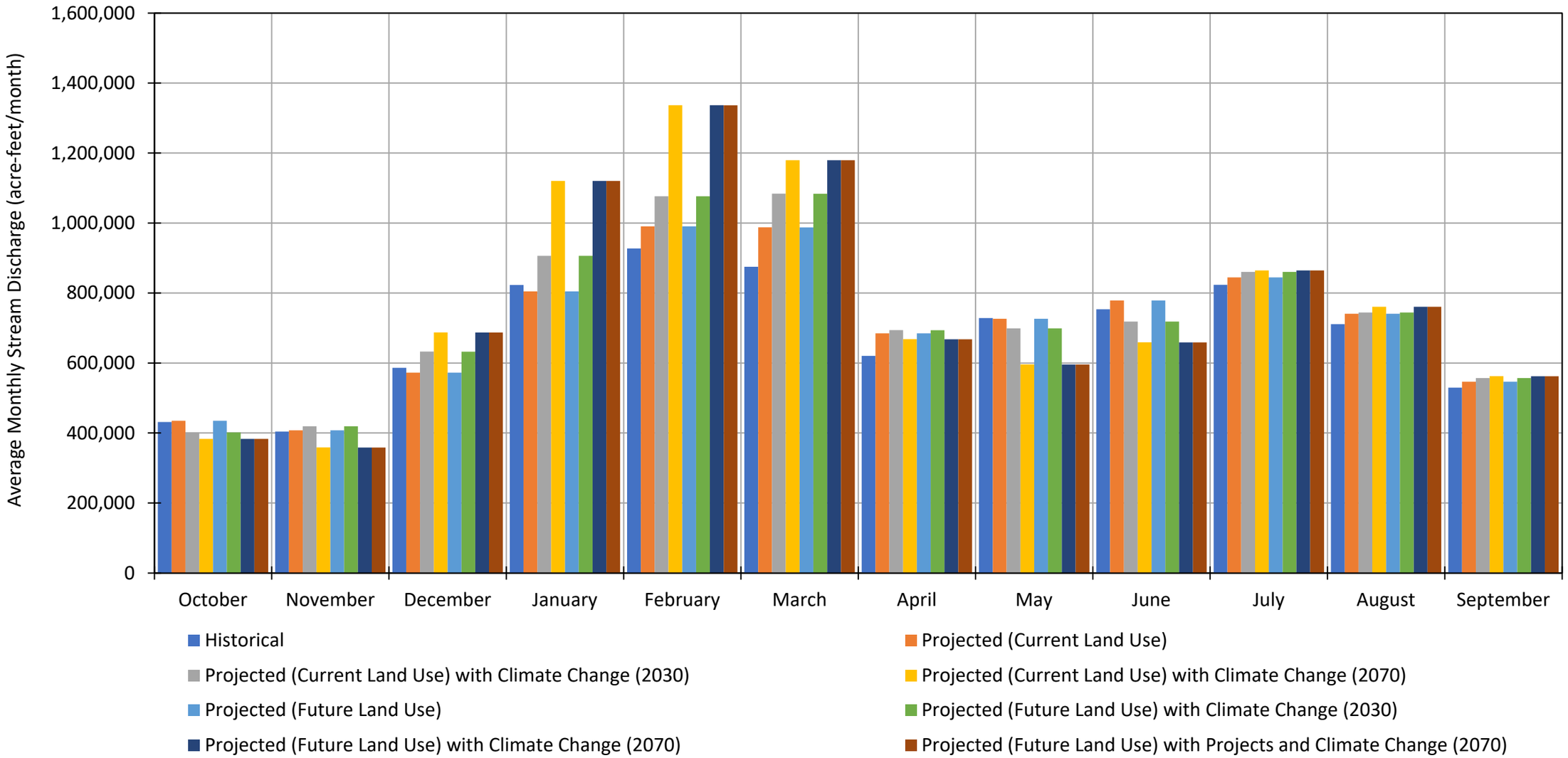
Antelope Subbasin



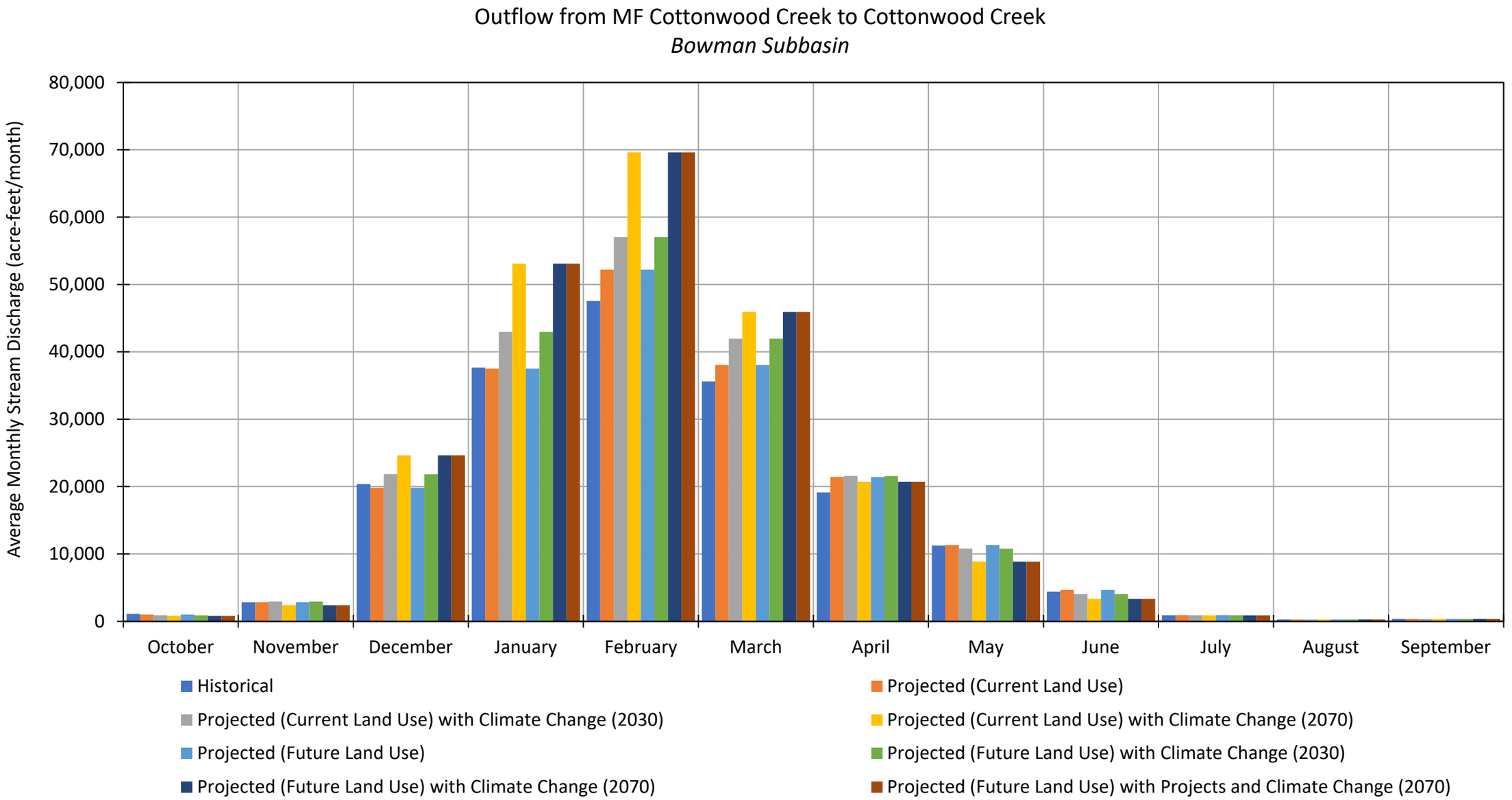
Tehama IHM

Inflow from Sacramento River at Bowman Subbasin Boundary

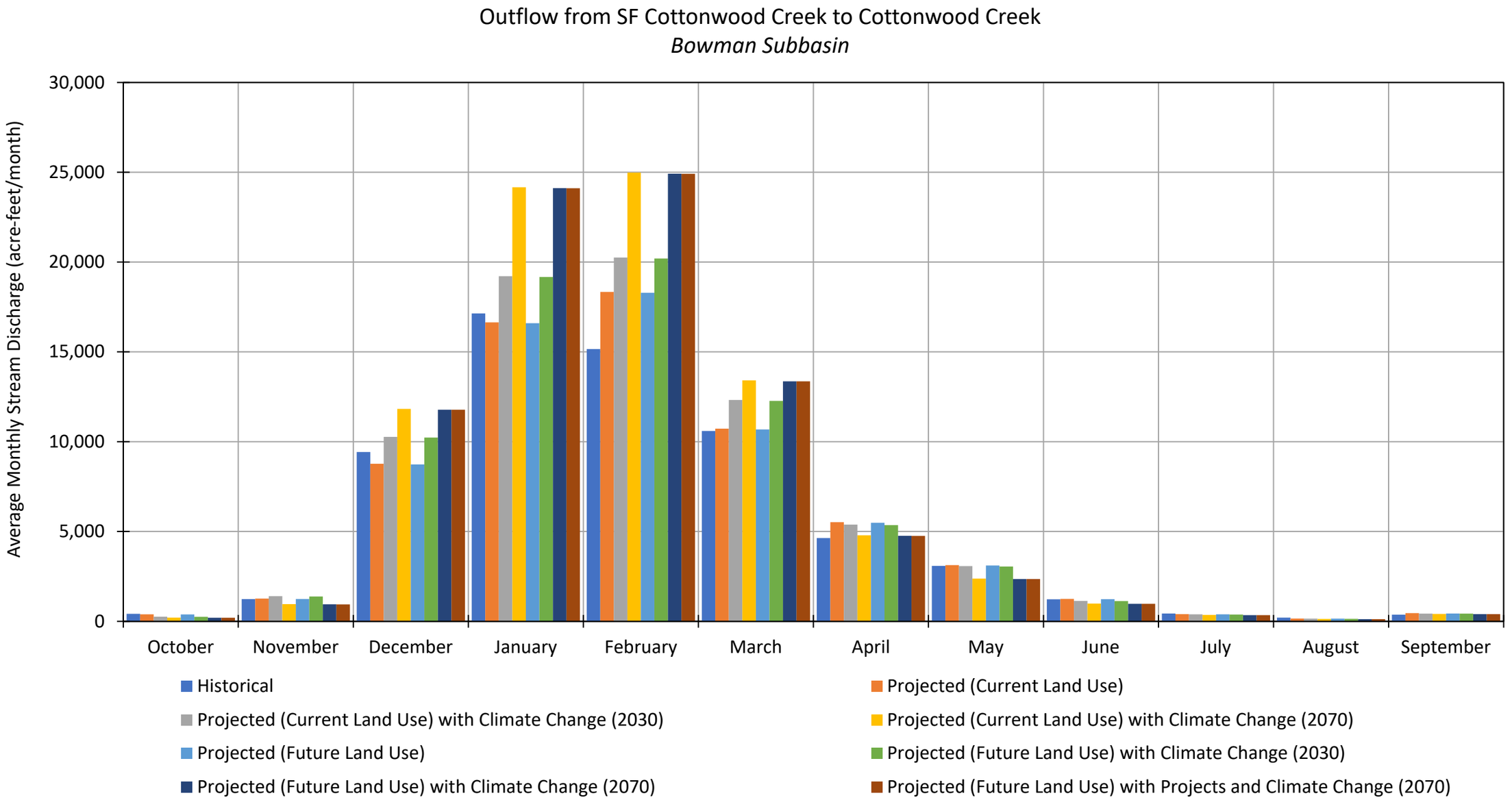
Bowman Subbasin



Tehama IHM


Outflow from MF Cottonwood Creek to Cottonwood Creek
Bowman Subbasin
Average Monthly Stream Discharge (acre-feet/month)
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
October
November
December
January
February
March
April
May
June
July
August
September
Historical
Projected (Current Land Use)
Projected (Current Land Use) with Climate Change (2030)
Projected (Current Land Use) with Climate Change (2070)
Projected (Future Land Use)
Projected (Future Land Use) with Climate Change (2030)
Projected (Future Land Use) with Climate Change (2070)
Projected (Future Land Use) with Projects and Climate Change (2070)

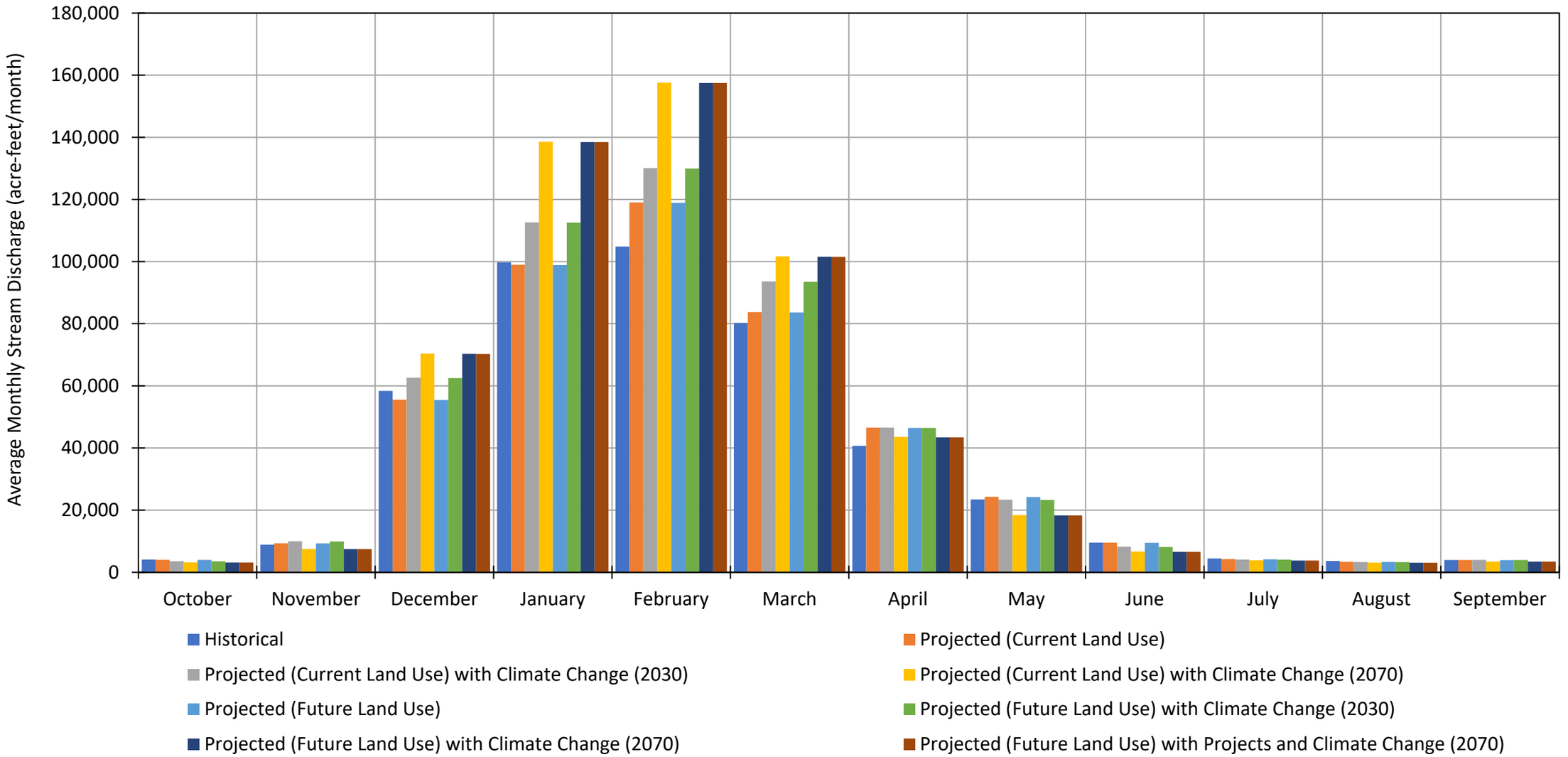
Tehama IHM


Outflow from SF Cottonwood Creek to Cottonwood Creek
Bowman Subbasin
Average Monthly Stream Discharge (acre-feet/month)
30,000
25,000
20,000
15,000
10,000
5,000
0
October
November
December
January
February
March
April
May
June
July
August
September
Historical
Projected (Current Land Use)
Projected (Current Land Use) with Climate Change (2030)
Projected (Current Land Use) with Climate Change (2070)
Projected (Future Land Use)
Projected (Future Land Use) with Climate Change (2030)
Projected (Future Land Use) with Climate Change (2070)
Projected (Future Land Use) with Projects and Climate Change (2070)

Tehama IHM

Outflow from Cottonwood Creek to Sacramento River

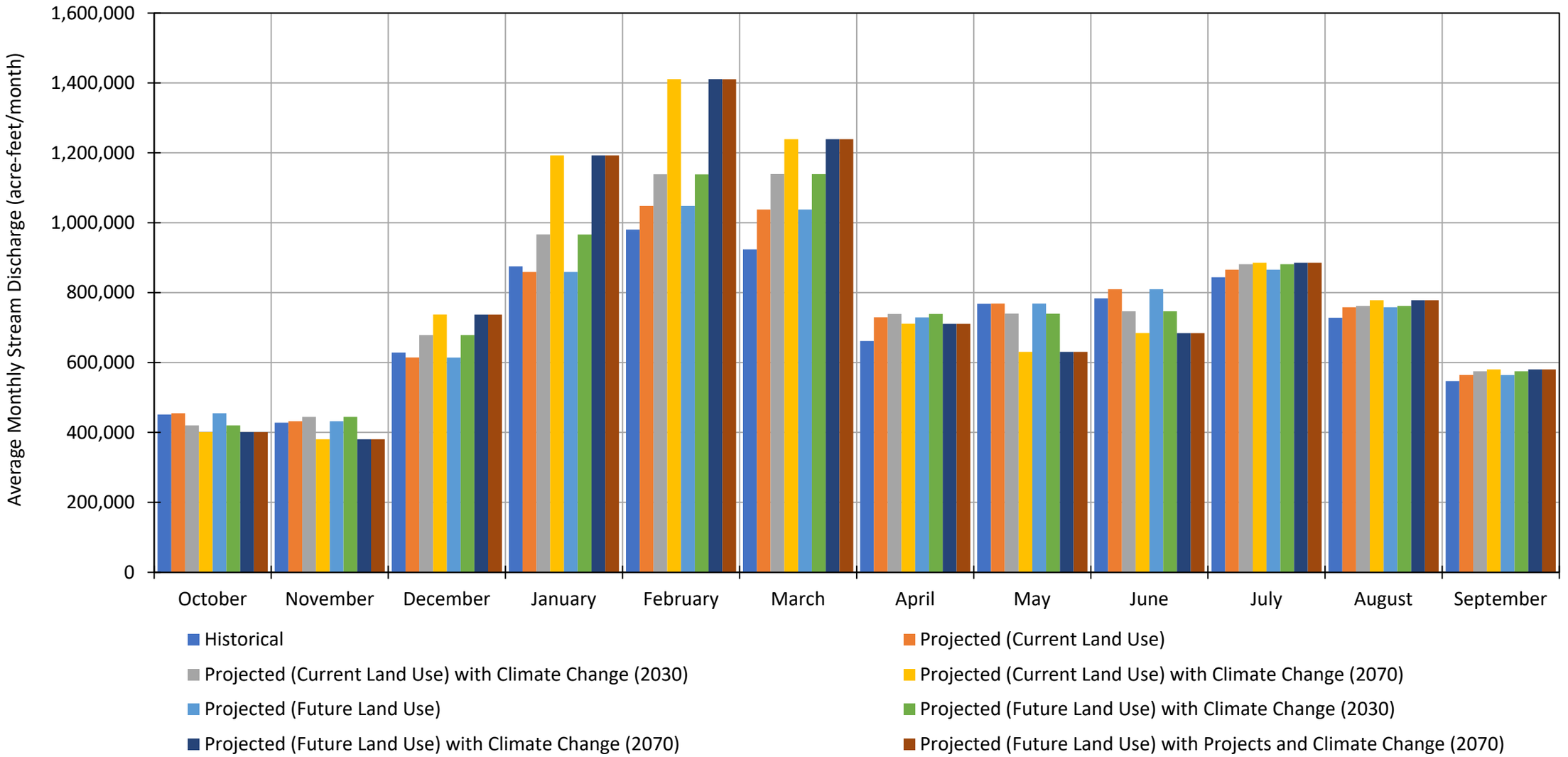
Bowman Subbasin



Tehama IHM

Outflow from Sacramento River at Bowman Subbasin Boundary

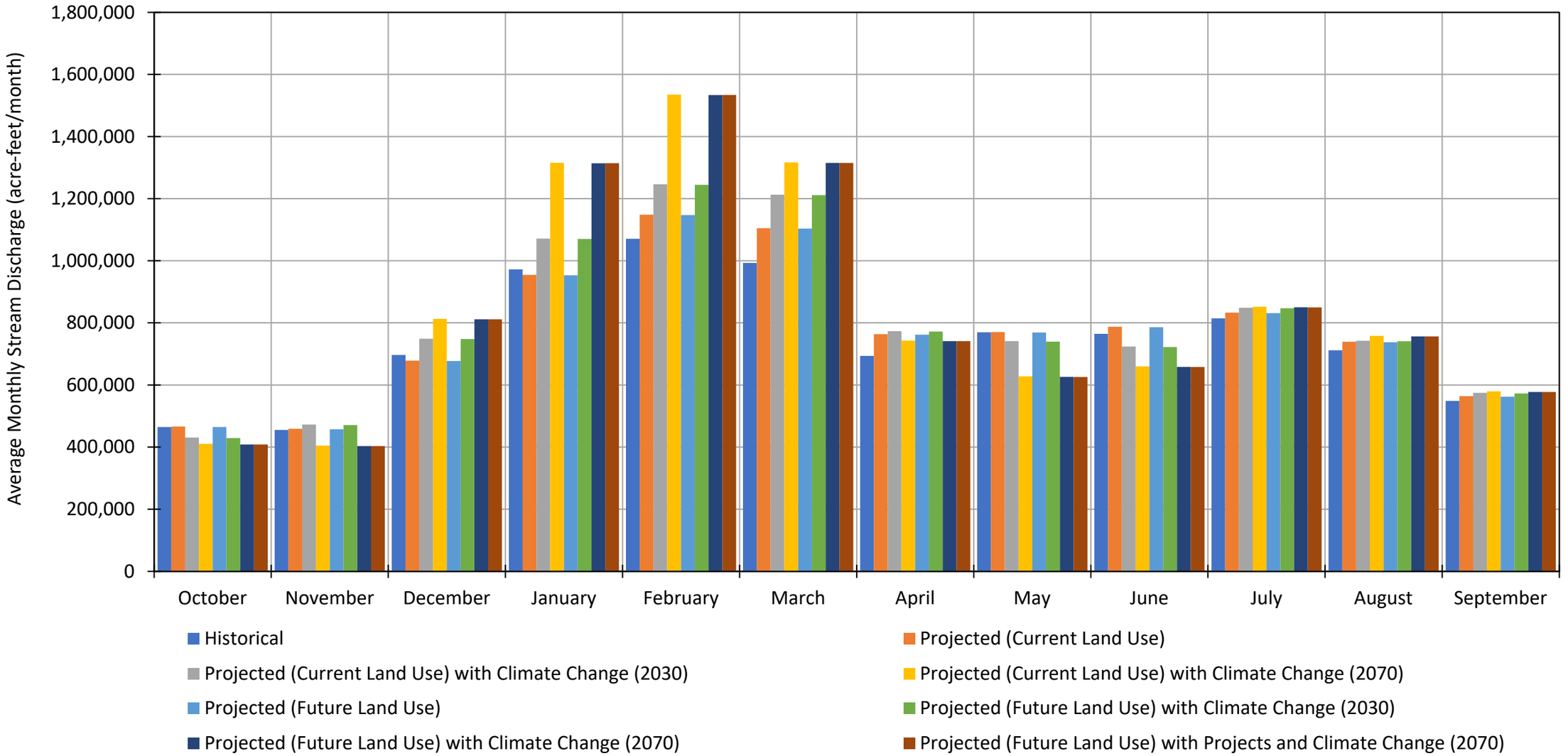
Bowman Subbasin



Tehama IHM

Inflow from Sacramento River at Los Molinos Subbasin Boundary

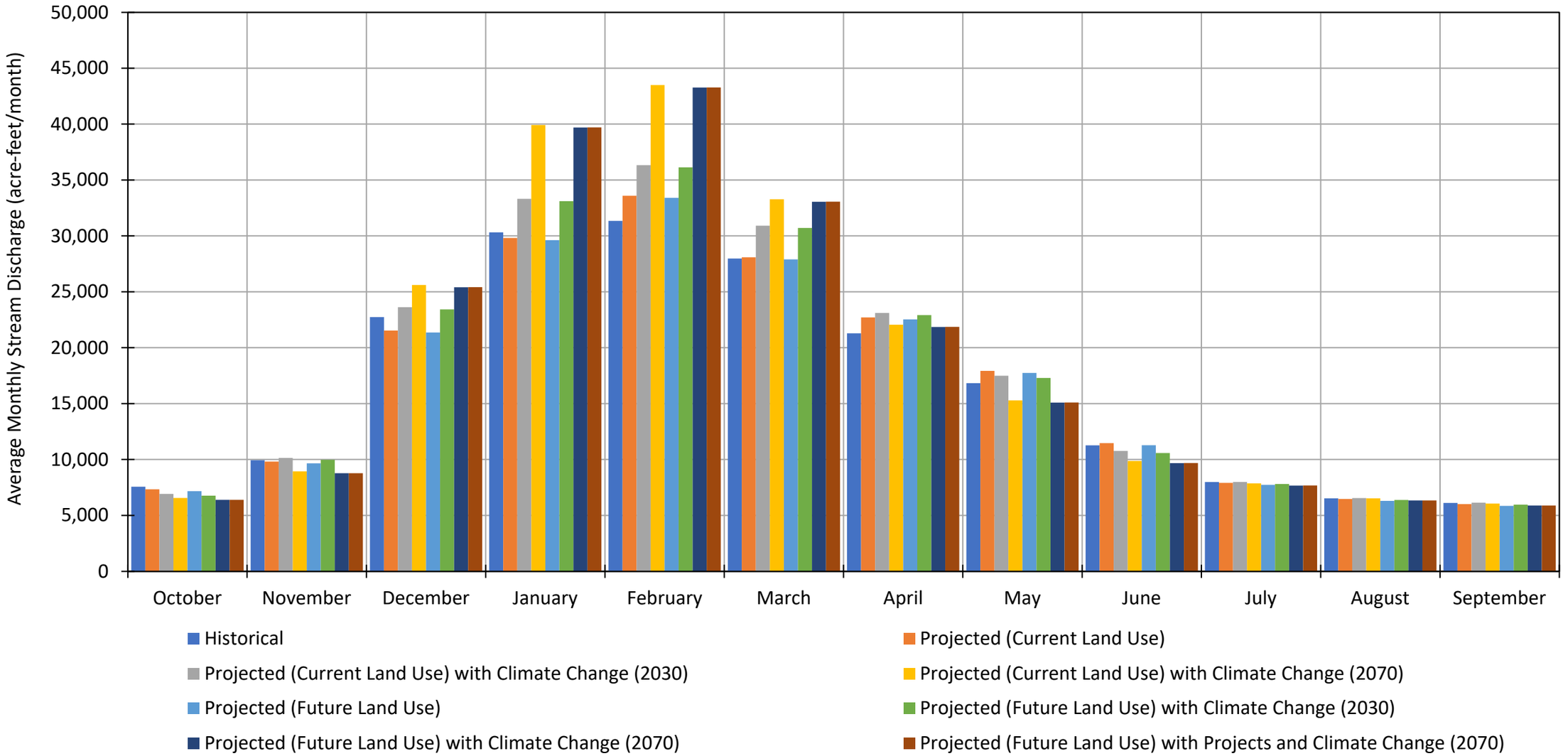
Los Molinos Subbasin



Tehama IHM

Outflow from Antelope Creek Group to Sacramento River

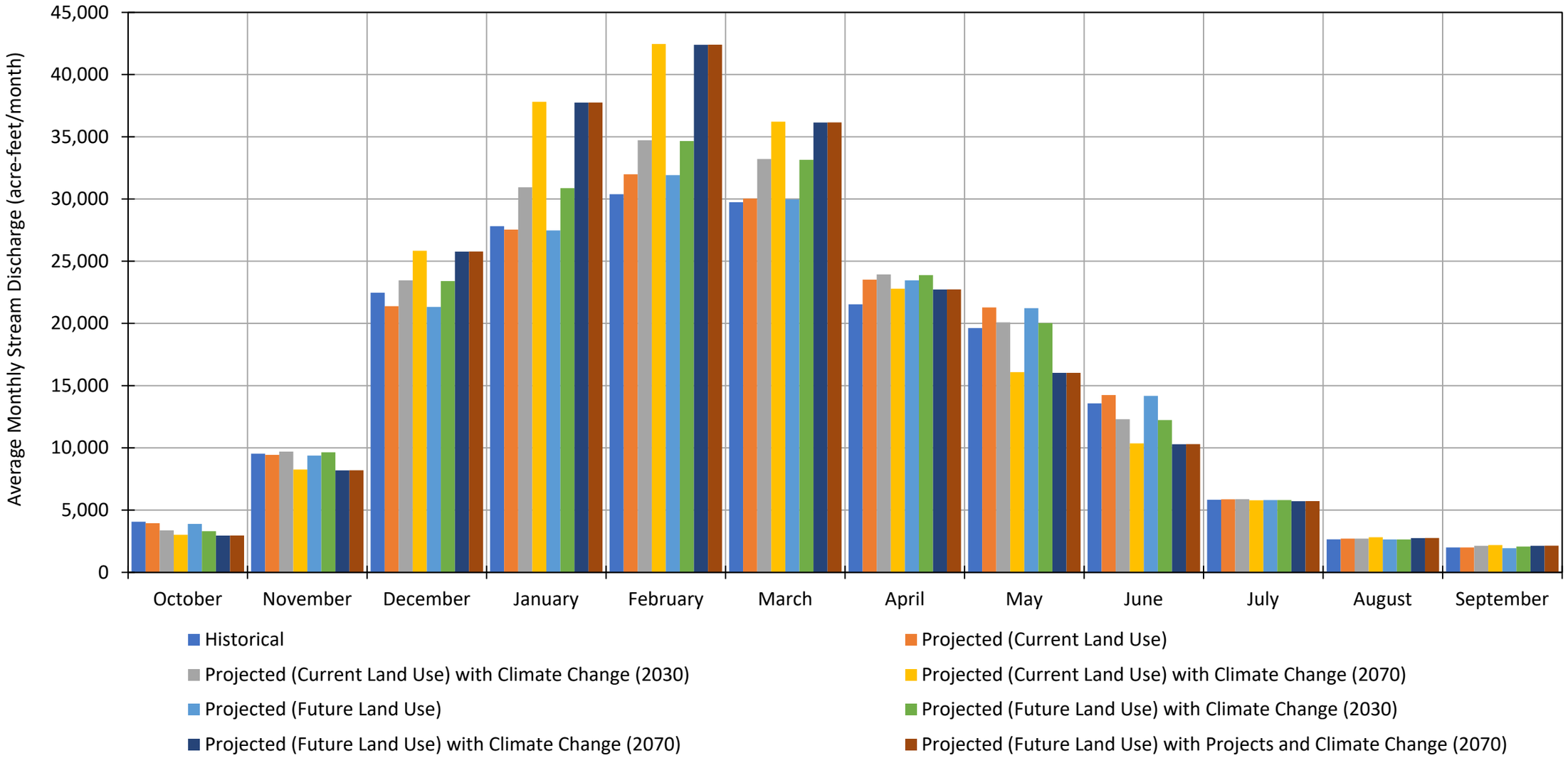
Los Molinos Subbasin



Tehama IHM

Outflow from Mill Creek to Sacramento River

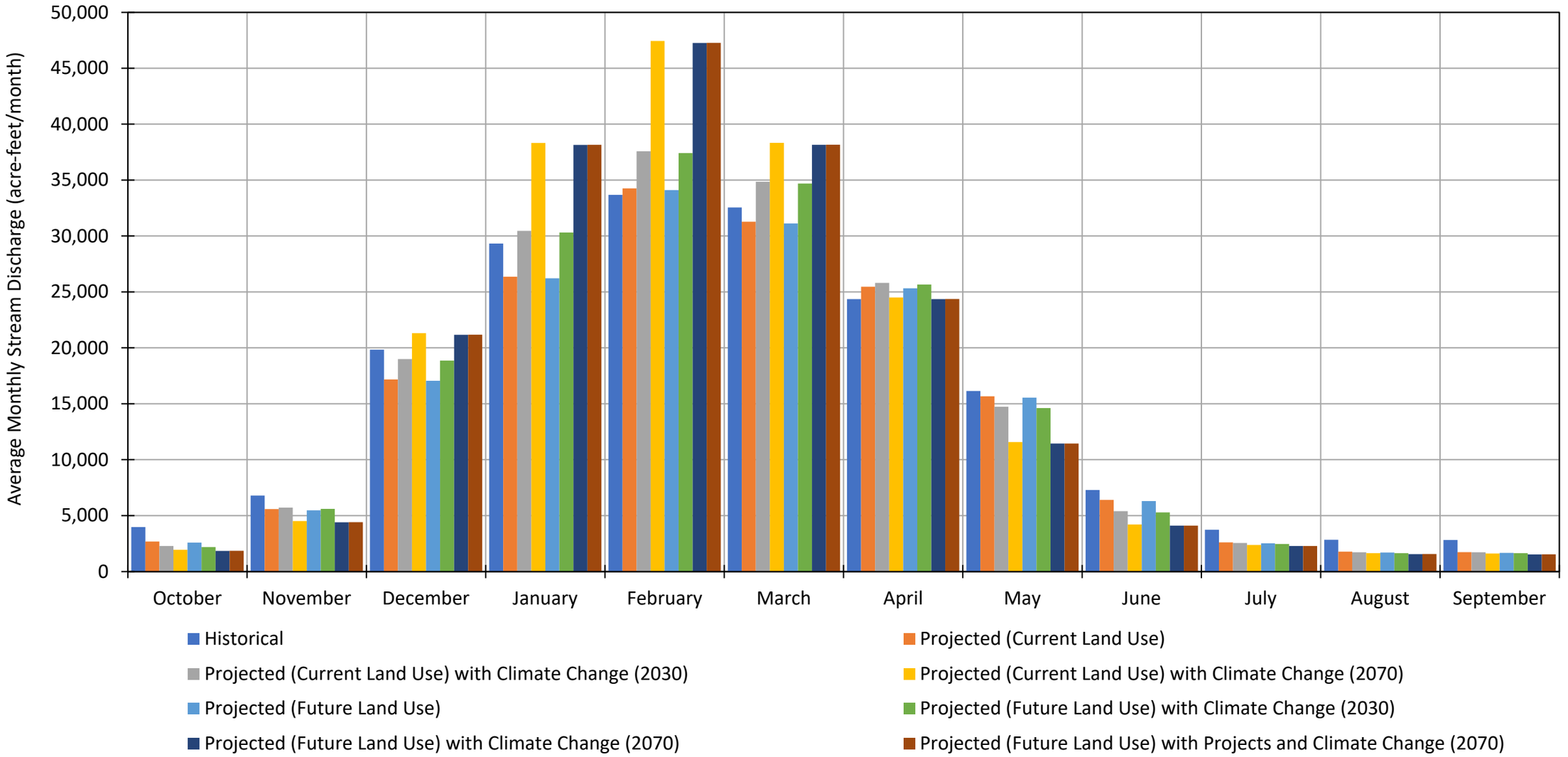
Los Molinos Subbasin



Tehama IHM

Outflow from Deer Creek Group to Sacramento River

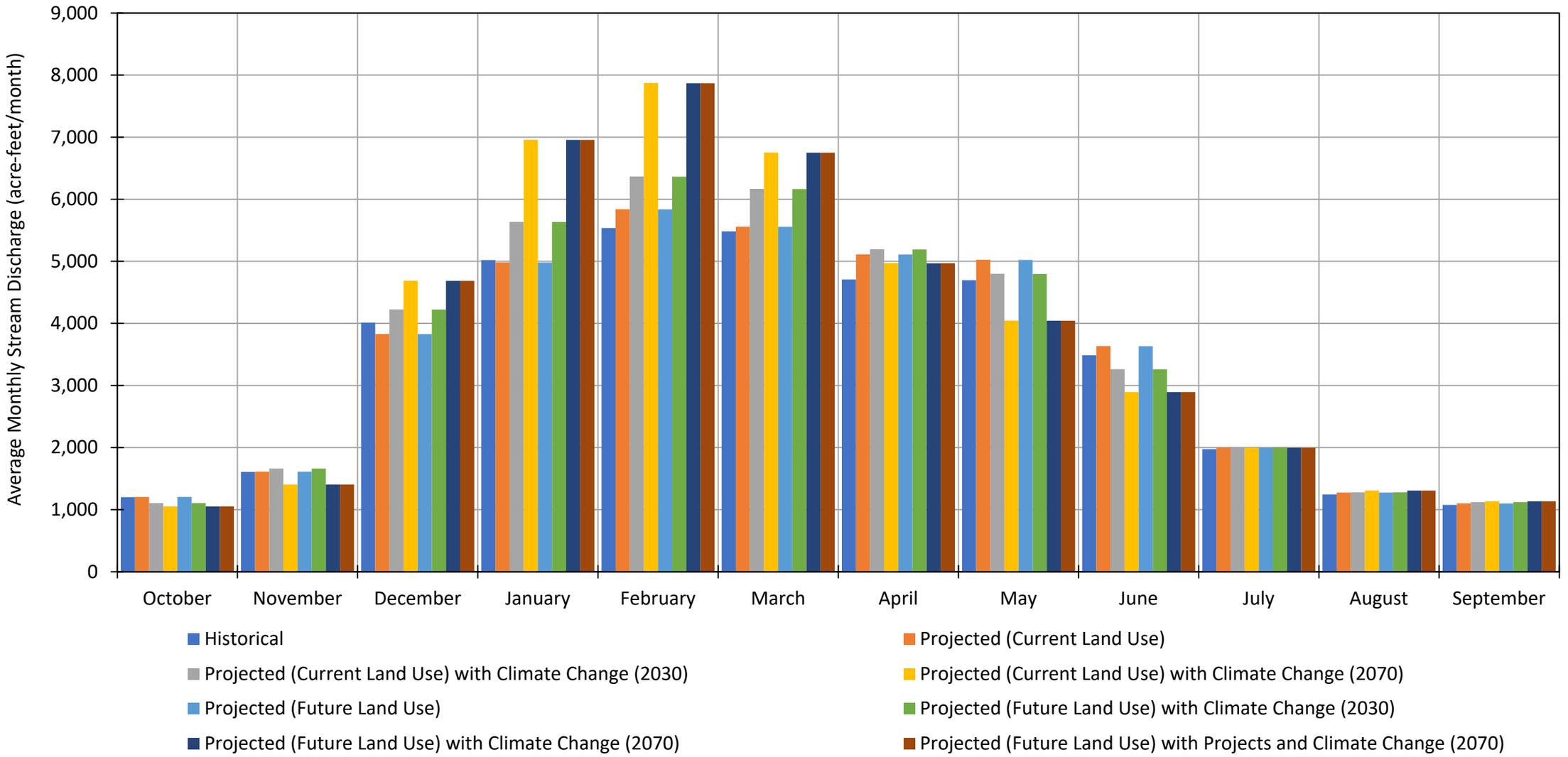
Los Molinos Subbasin



Tehama IHM

Outflow from Dye Creek to Sacramento River

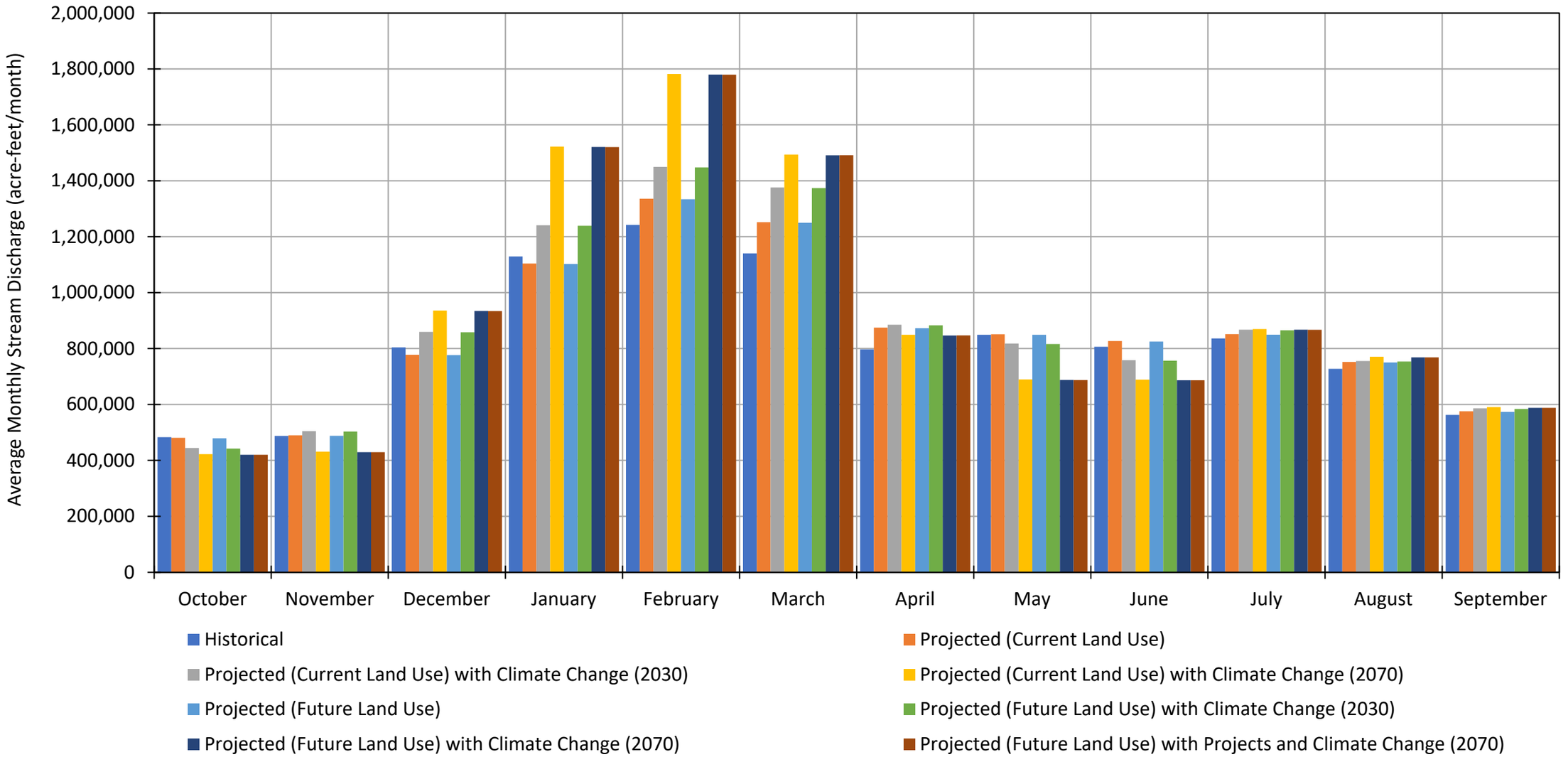
Los Molinos Subbasin



Tehama IHM

Outflow from Sacramento River at Los Molinos Subbasin Boundary

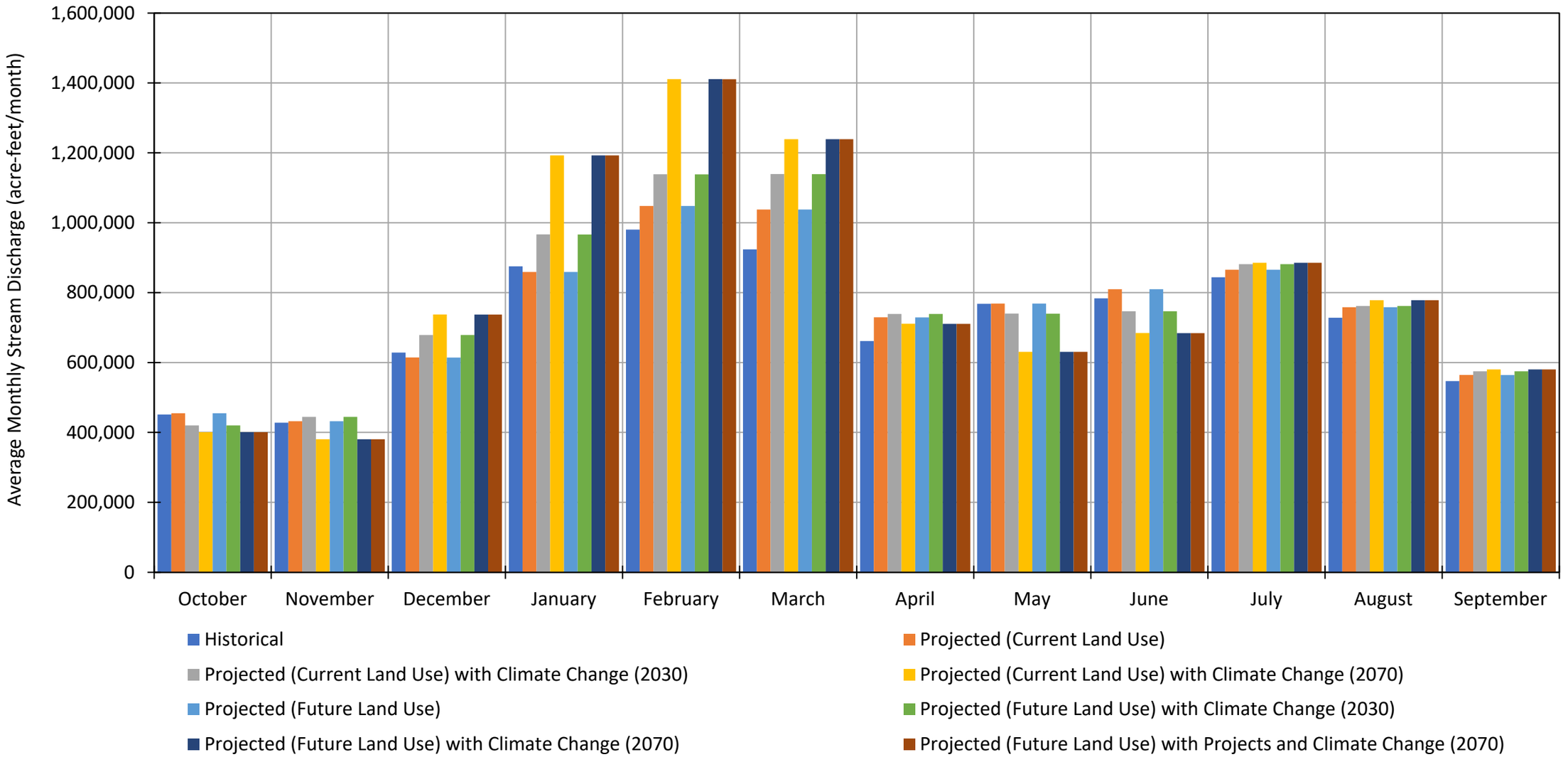
Los Molinos Subbasin



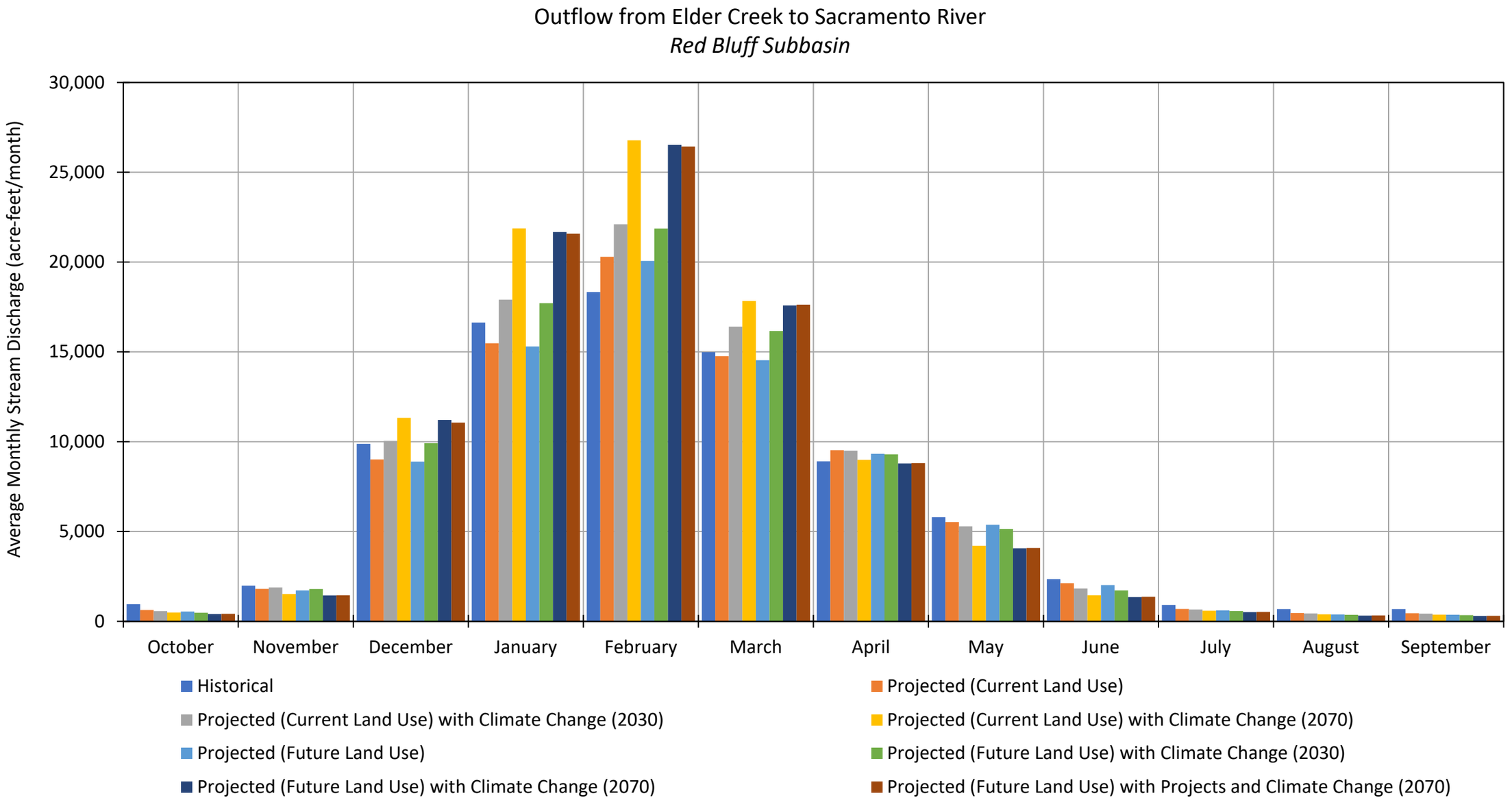
Tehama IHM

Inflow from Sacramento River at Red Bluff Subbasin Boundary

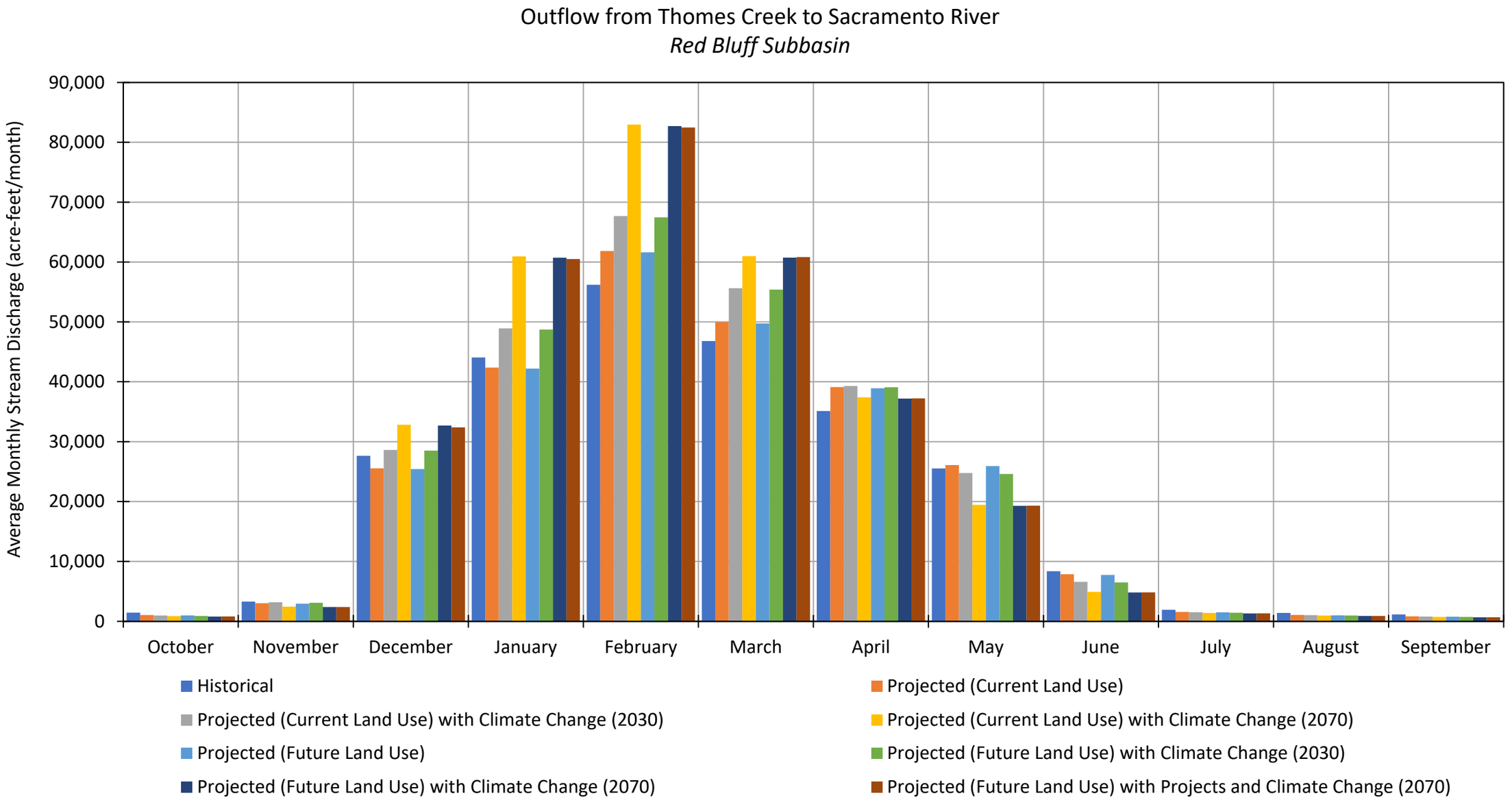
Red Bluff Subbasin



Tehama IHM


Outflow from Elder Creek to Sacramento River
Red Bluff Subbasin
Average Monthly Stream Discharge (acre-feet/month)
30,000
25,000
20,000
15,000
10,000
5,000
0
October
November
December
January
February
March
April
May
June
July
August
September
Historical
Projected (Current Land Use)
Projected (Current Land Use) with Climate Change (2030)
Projected (Current Land Use) with Climate Change (2070)
Projected (Future Land Use)
Projected (Future Land Use) with Climate Change (2030)
Projected (Future Land Use) with Climate Change (2070)
Projected (Future Land Use) with Projects and Climate Change (2070)

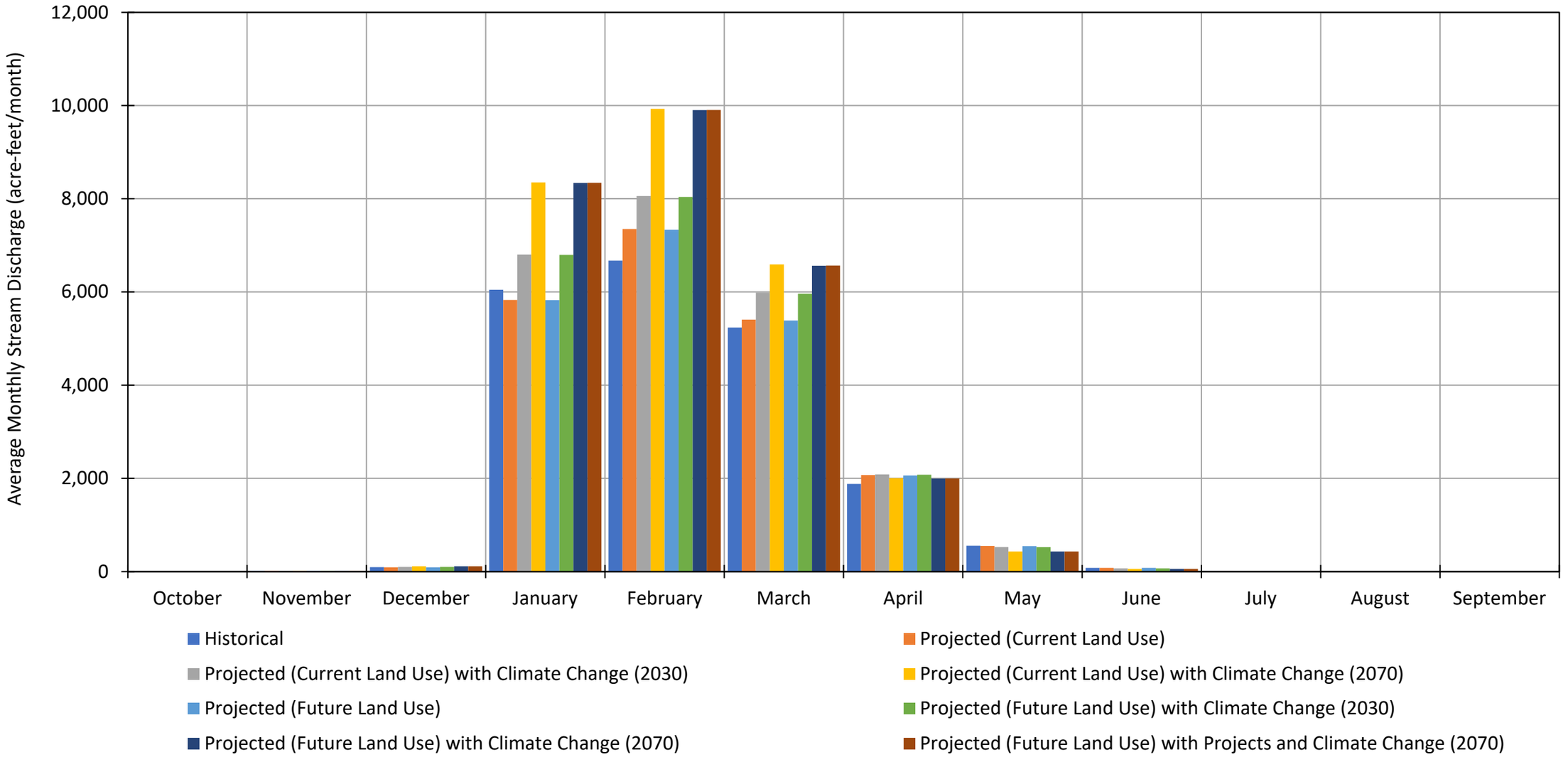
Tehama IHM


Outflow from Thomes Creek to Sacramento River
Red Bluff Subbasin
Average Monthly Stream Discharge (acre-feet/month)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
October
November
December
January
February
March
April
May
June
July
August
September
Historical
Projected (Current Land Use)
Projected (Current Land Use) with Climate Change (2030)
Projected (Current Land Use) with Climate Change (2070)
Projected (Future Land Use)
Projected (Future Land Use) with Climate Change (2030)
Projected (Future Land Use) with Climate Change (2070)
Projected (Future Land Use) with Projects and Climate Change (2070)

Tehama IHM

Outflow from Red Bank Creek to Sacramento River

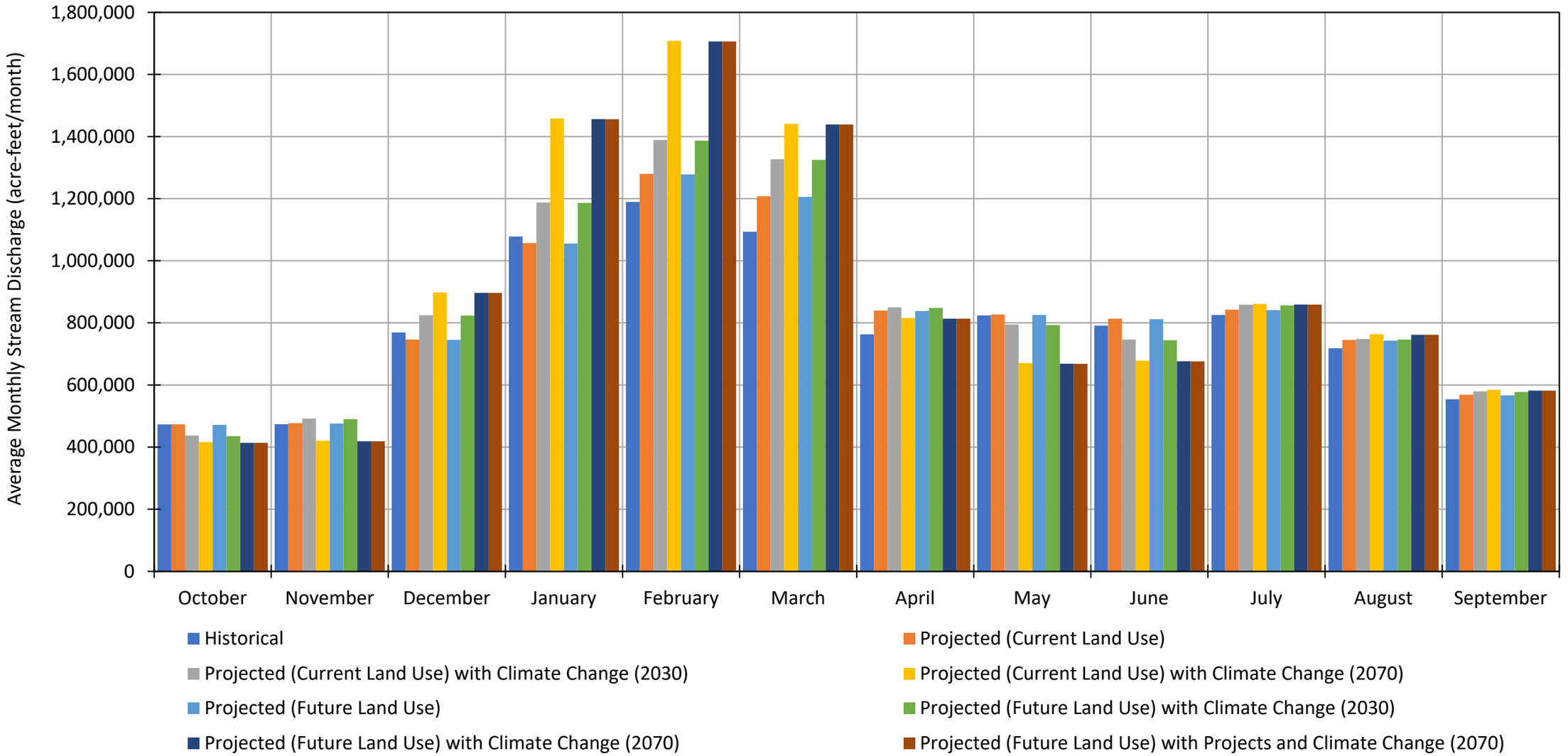
Red Bluff Subbasin



Tehama IHM

Outflow from Sacramento River at Red Bluff Subbasin Boundary

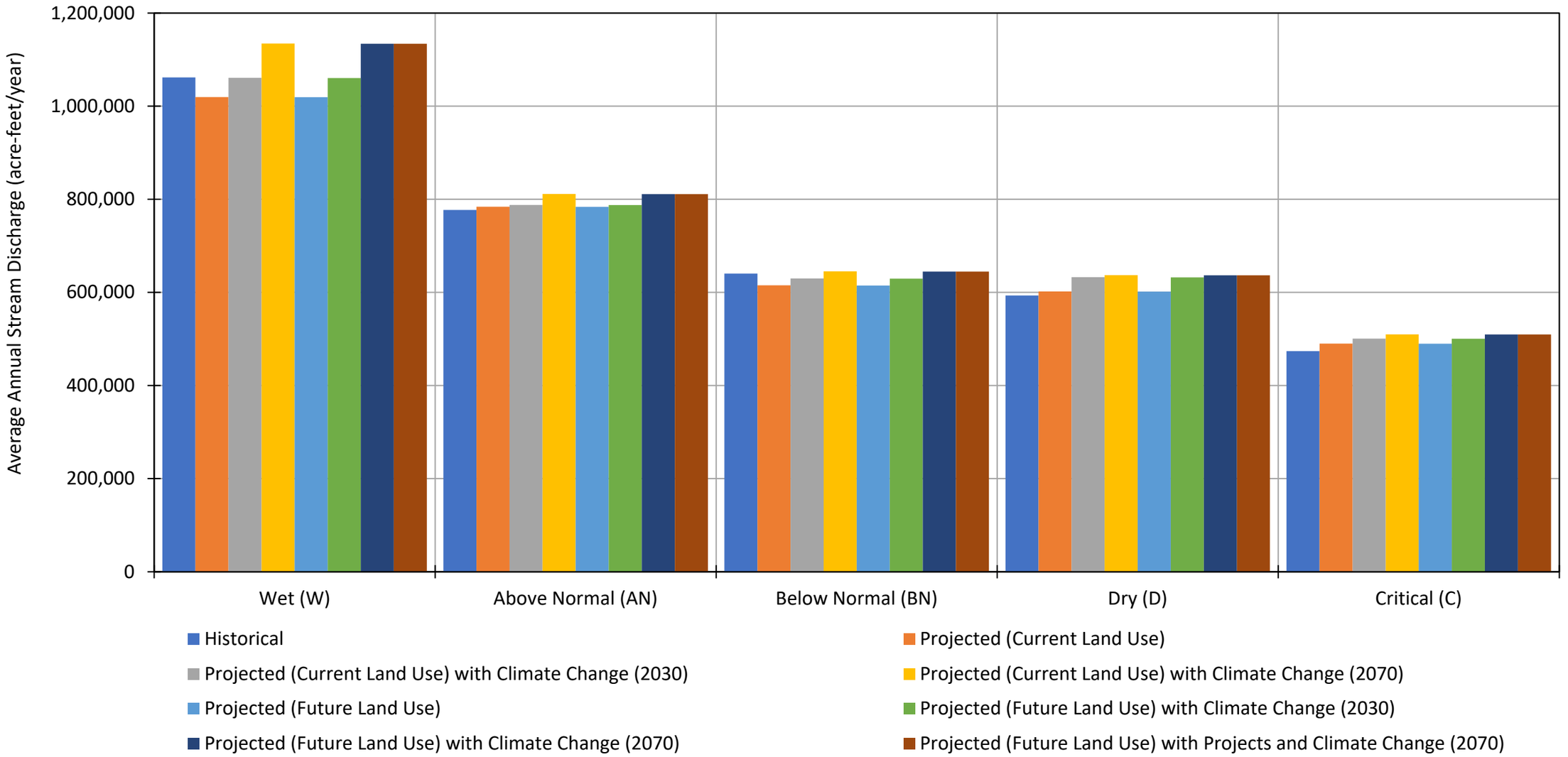
Red Bluff Subbasin



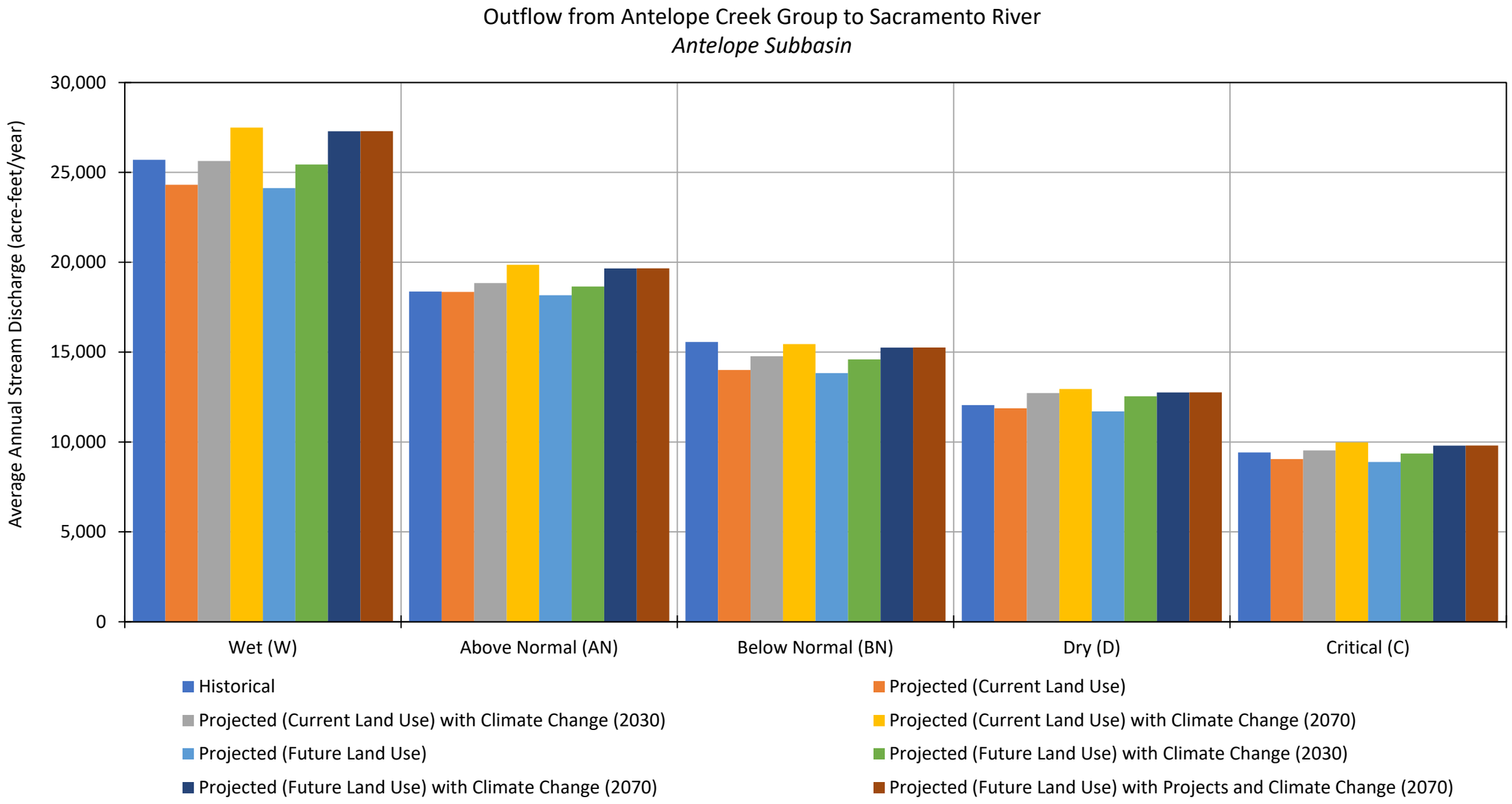
Tehama IHM

Inflow from Sacramento River at Antelope Subbasin Boundary

Antelope Subbasin



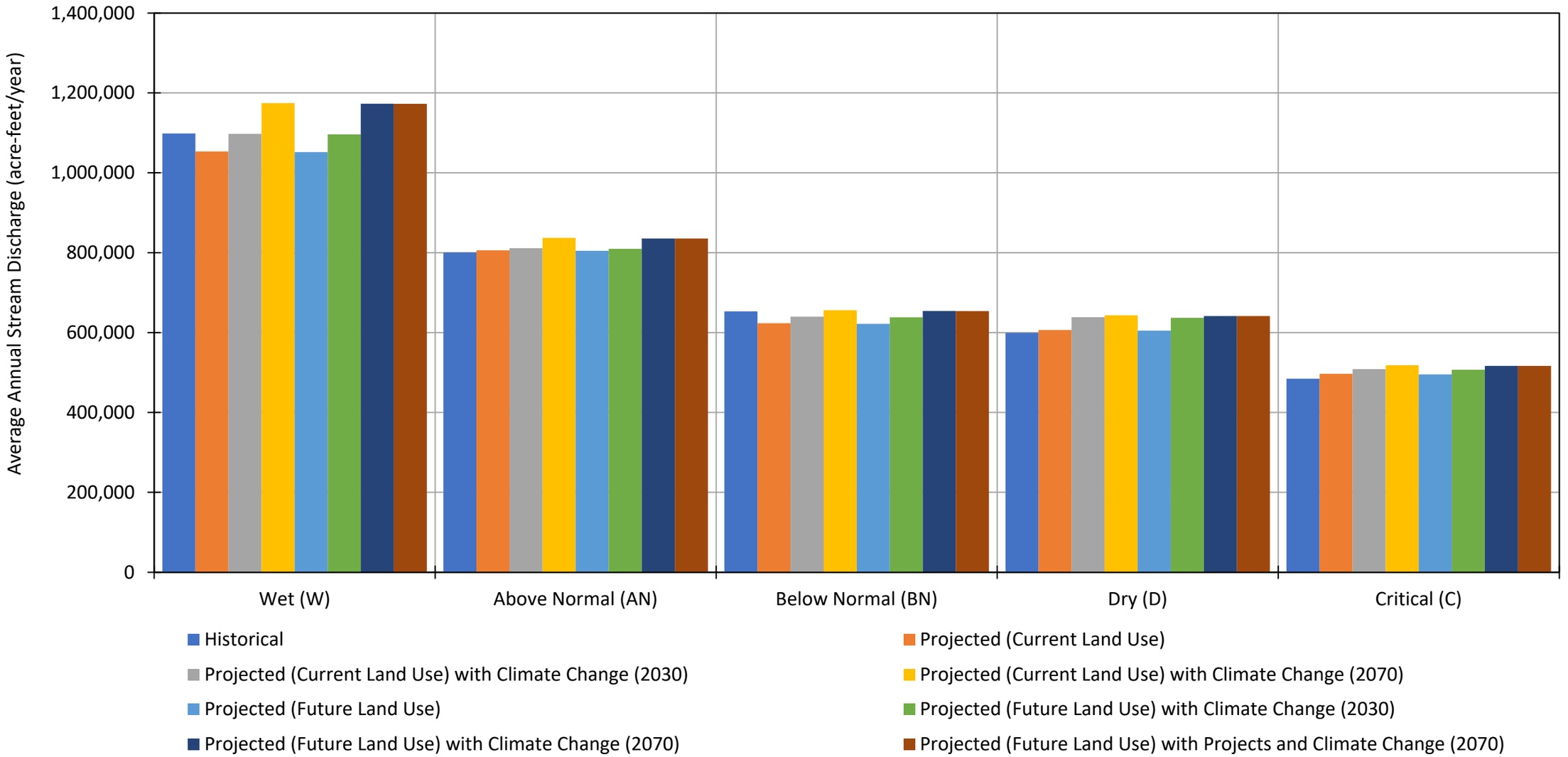
Tehama IHM


Outflow from Antelope Creek Group to Sacramento River
Antelope Subbasin
Average Annual Stream Discharge (acre-feet/year)
30,000
25,000
20,000
15,000
10,000
5,000
0
Wet (W)
Above Normal (AN)
Below Normal (BN)
Dry (D)
Critical (C)
Historical
Projected (Current Land Use)
Projected (Current Land Use) with Climate Change (2030)
Projected (Current Land Use) with Climate Change (2070)
Projected (Future Land Use)
Projected (Future Land Use) with Climate Change (2030)
Projected (Future Land Use) with Climate Change (2070)
Projected (Future Land Use) with Projects and Climate Change (2070)

Tehama IHM

Outflow from Sacramento River at Antelope Subbasin Boundary

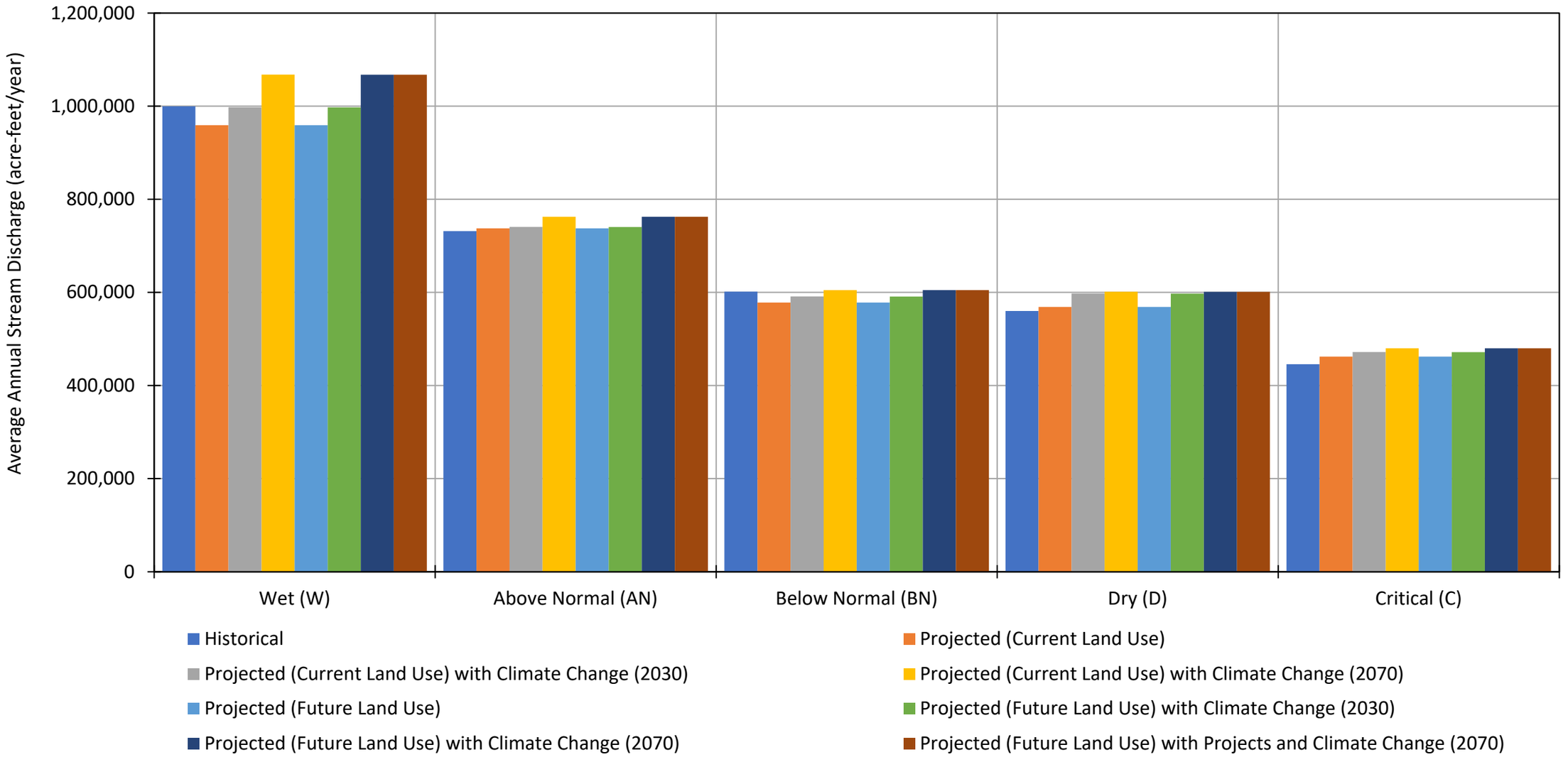
Antelope Subbasin



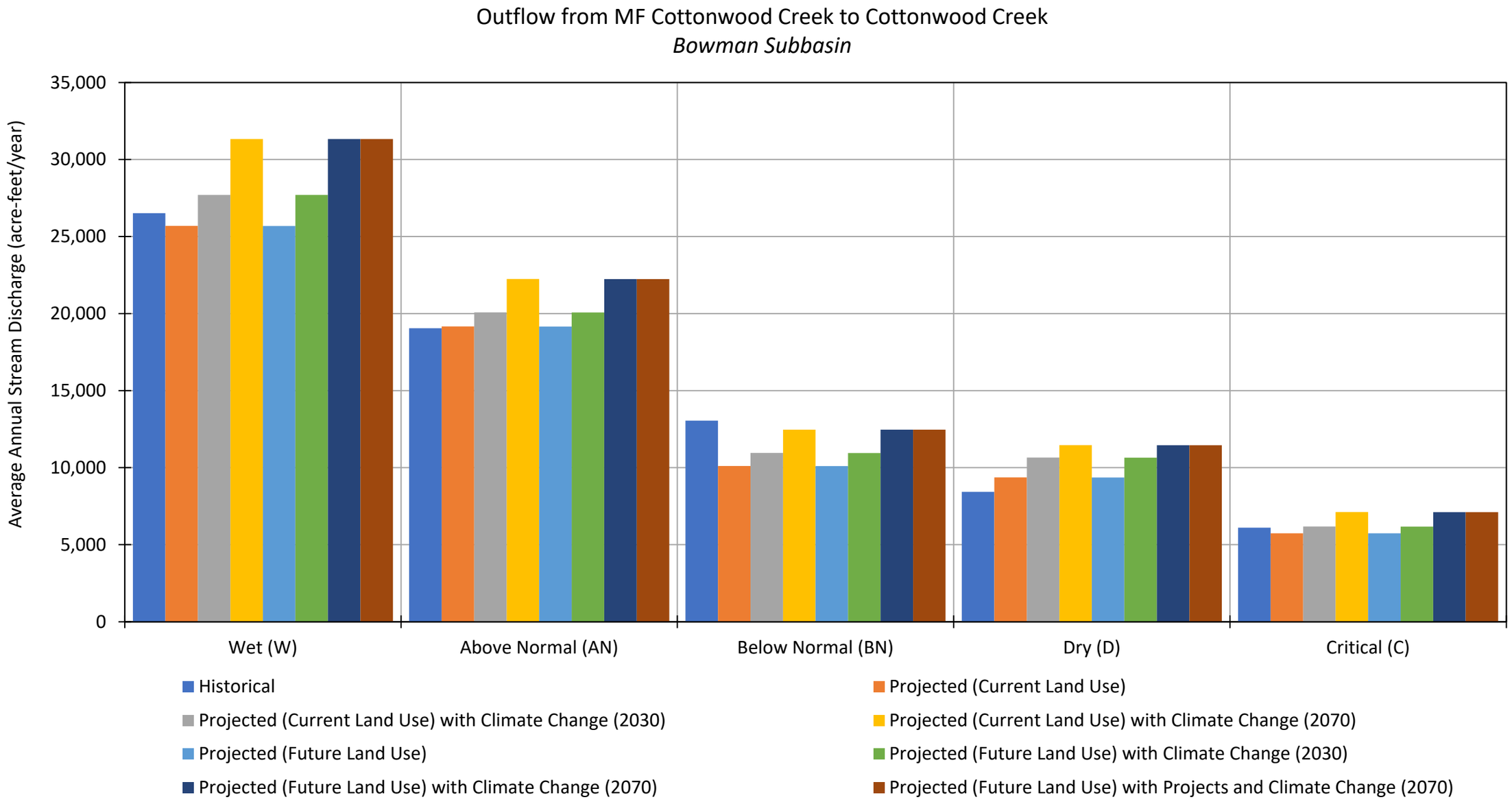
Tehama IHM

Inflow from Sacramento River at Bowman Subbasin Boundary

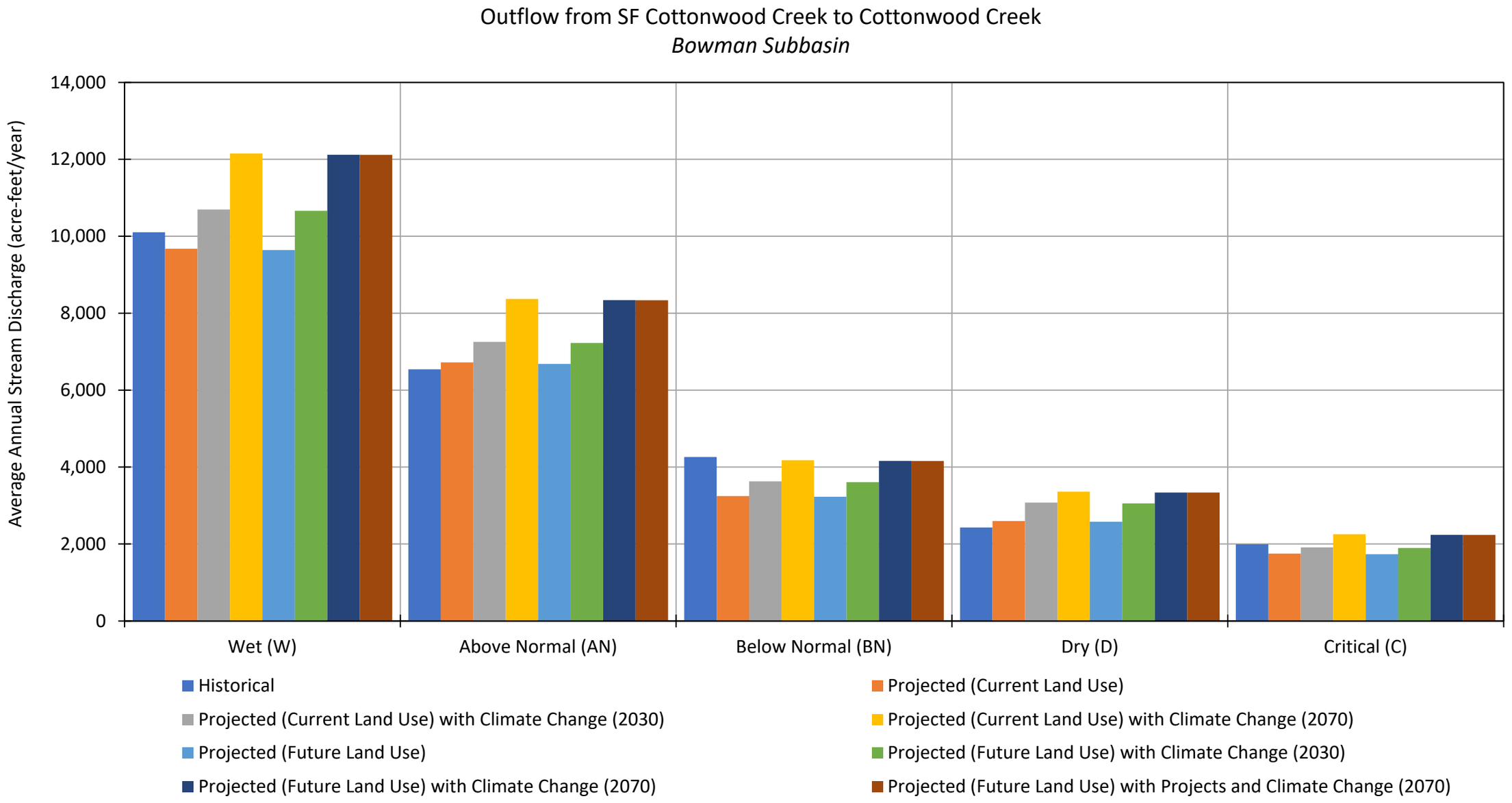
Bowman Subbasin



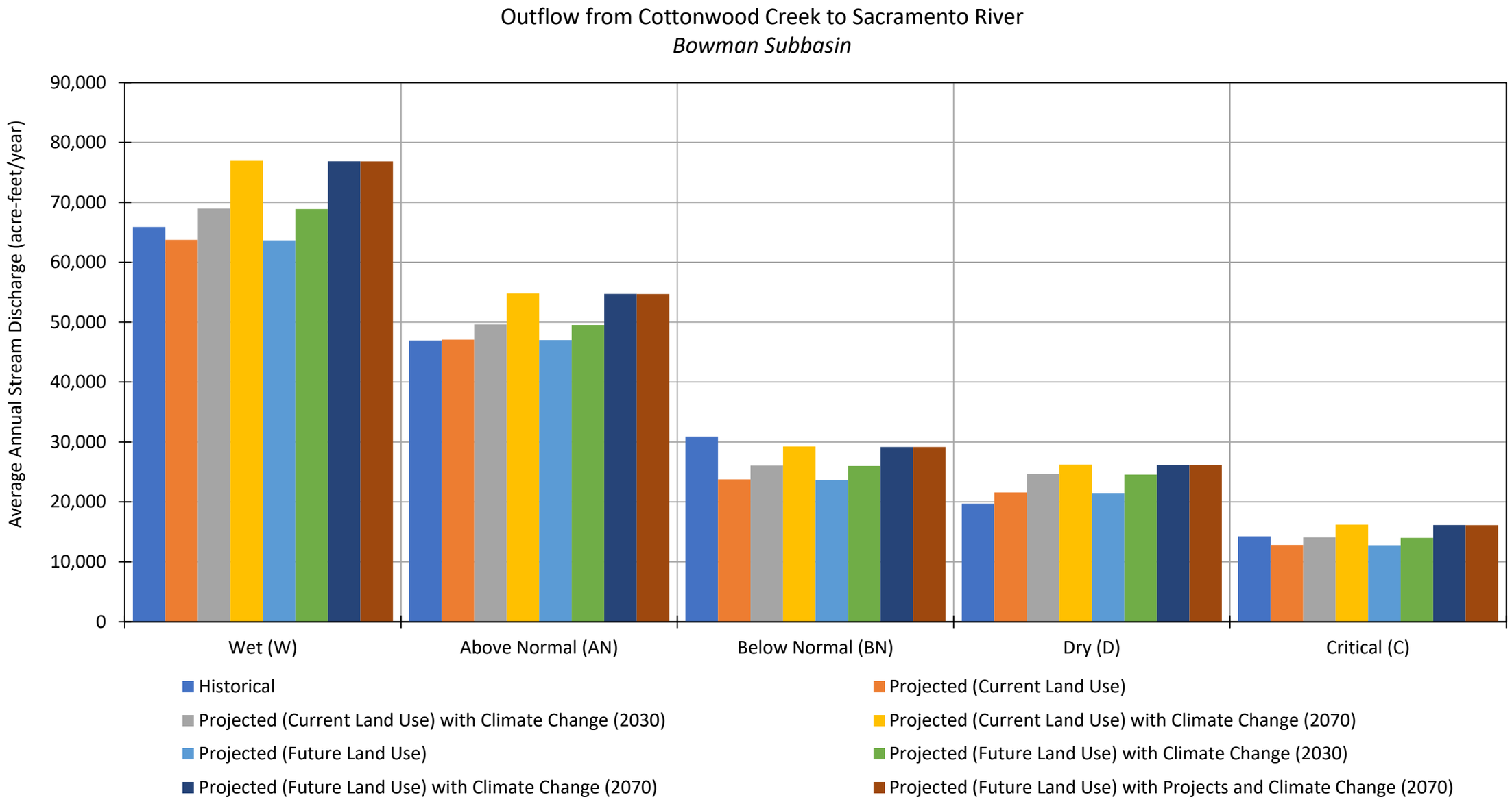
Tehama IHM


Outflow from MF Cottonwood Creek to Cottonwood Creek
Bowman Subbasin
Average Annual Stream Discharge (acre-feet/year)
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
Wet (W)
Above Normal (AN)
Below Normal (BN)
Dry (D)
Critical (C)
Historical
Projected (Current Land Use)
Projected (Current Land Use) with Climate Change (2030)
Projected (Current Land Use) with Climate Change (2070)
Projected (Future Land Use)
Projected (Future Land Use) with Climate Change (2030)
Projected (Future Land Use) with Climate Change (2070)
Projected (Future Land Use) with Projects and Climate Change (2070)

Tehama IHM


Outflow from SF Cottonwood Creek to Cottonwood Creek
Bowman Subbasin
Average Annual Stream Discharge (acre-feet/year)
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
Wet (W)
Above Normal (AN)
Below Normal (BN)
Dry (D)
Critical (C)
Historical
Projected (Current Land Use)
Projected (Current Land Use) with Climate Change (2030)
Projected (Current Land Use) with Climate Change (2070)
Projected (Future Land Use)
Projected (Future Land Use) with Climate Change (2030)
Projected (Future Land Use) with Climate Change (2070)
Projected (Future Land Use) with Projects and Climate Change (2070)

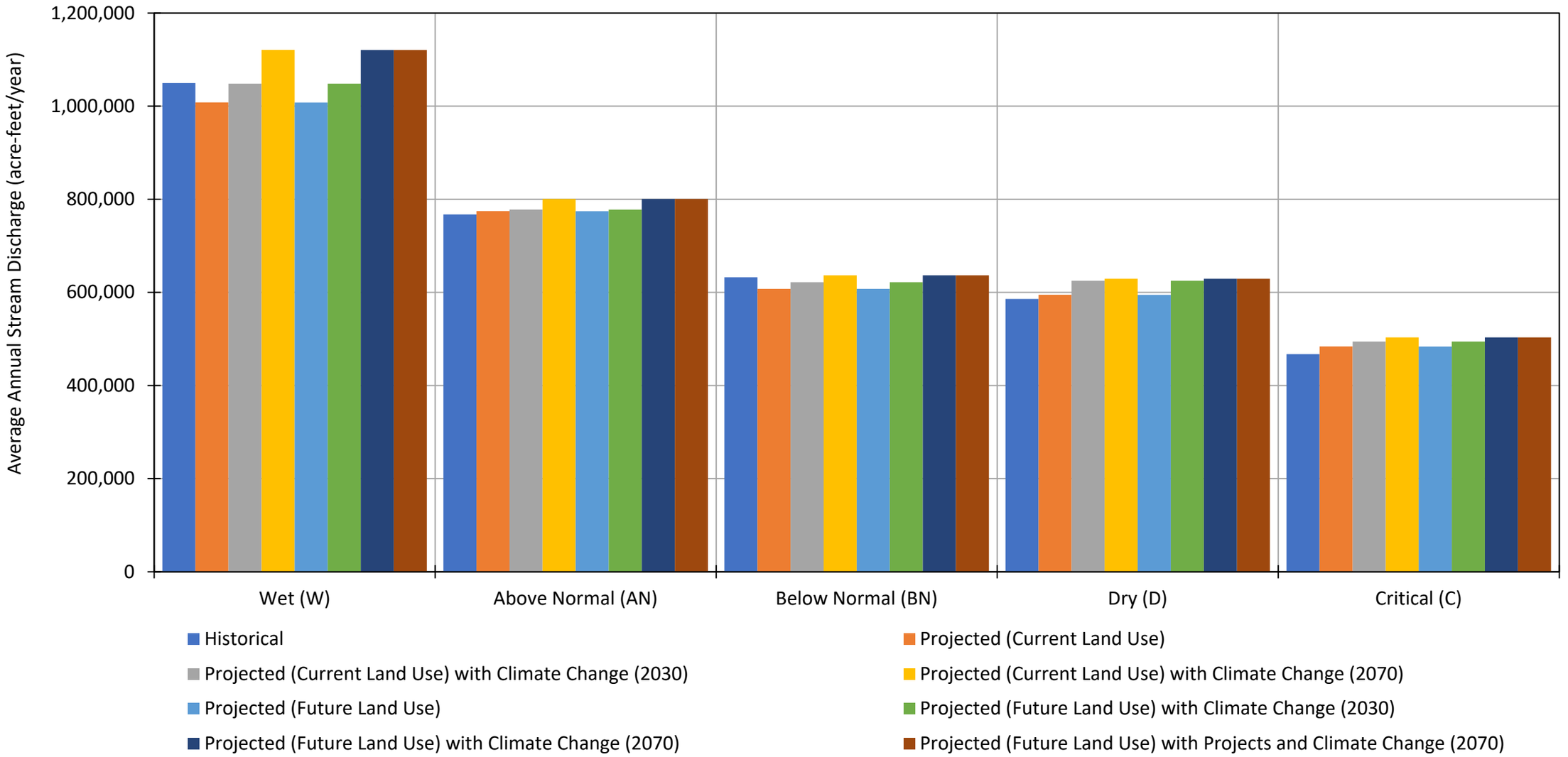
Tehama IHM


Outflow from Cottonwood Creek to Sacramento River
Bowman Subbasin
Average Annual Stream Discharge (acre-feet/year)
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
Wet (W)
Above Normal (AN)
Below Normal (BN)
Dry (D)
Critical (C)
Historical
Projected (Current Land Use)
Projected (Current Land Use) with Climate Change (2030)
Projected (Current Land Use) with Climate Change (2070)
Projected (Future Land Use)
Projected (Future Land Use) with Climate Change (2030)
Projected (Future Land Use) with Climate Change (2070)
Projected (Future Land Use) with Projects and Climate Change (2070)

Tehama IHM

Outflow from Sacramento River at Bowman Subbasin Boundary

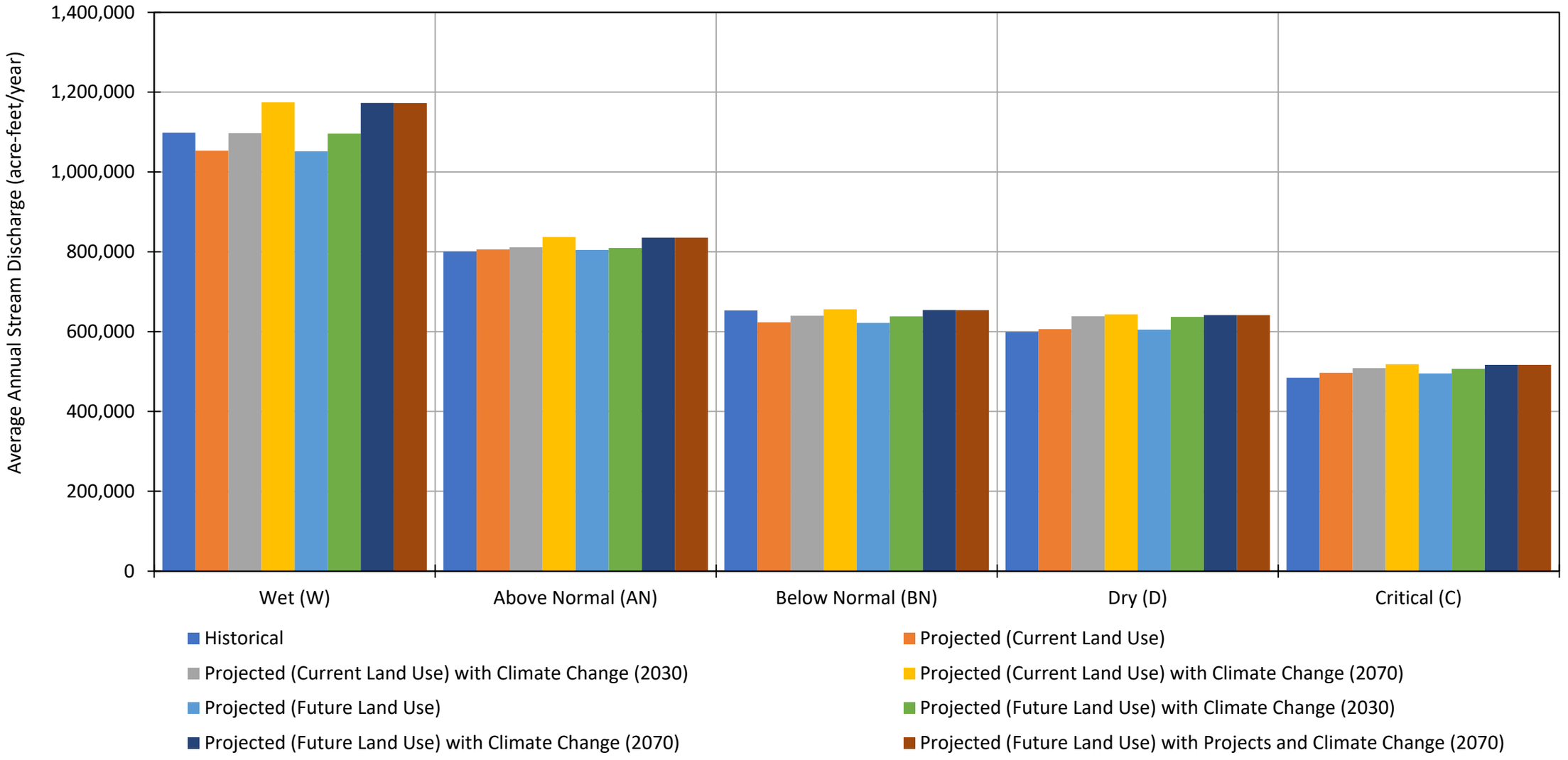
Bowman Subbasin



Tehama IHM

Inflow from Sacramento River at Los Molinos Subbasin Boundary

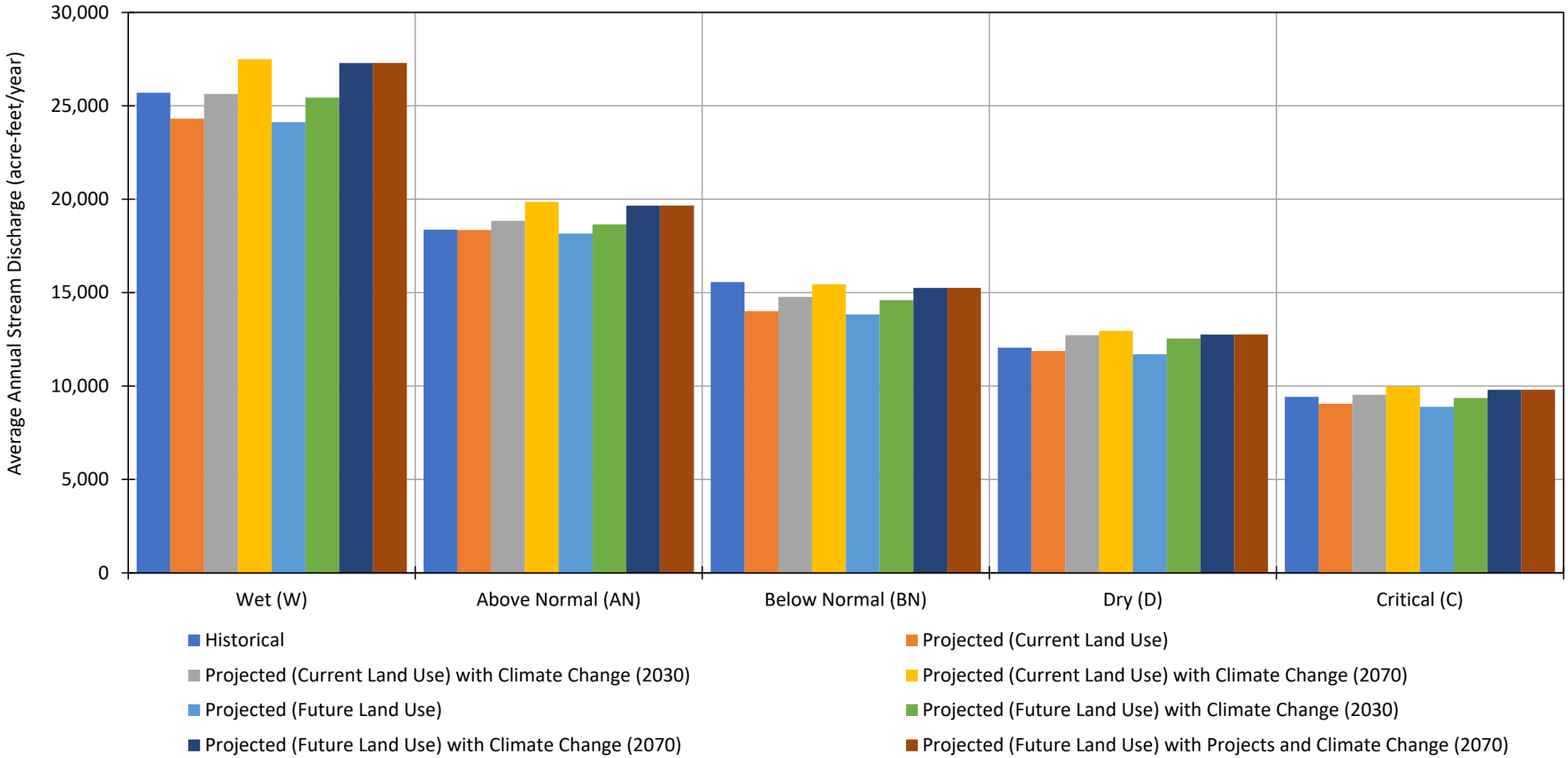
Los Molinos Subbasin



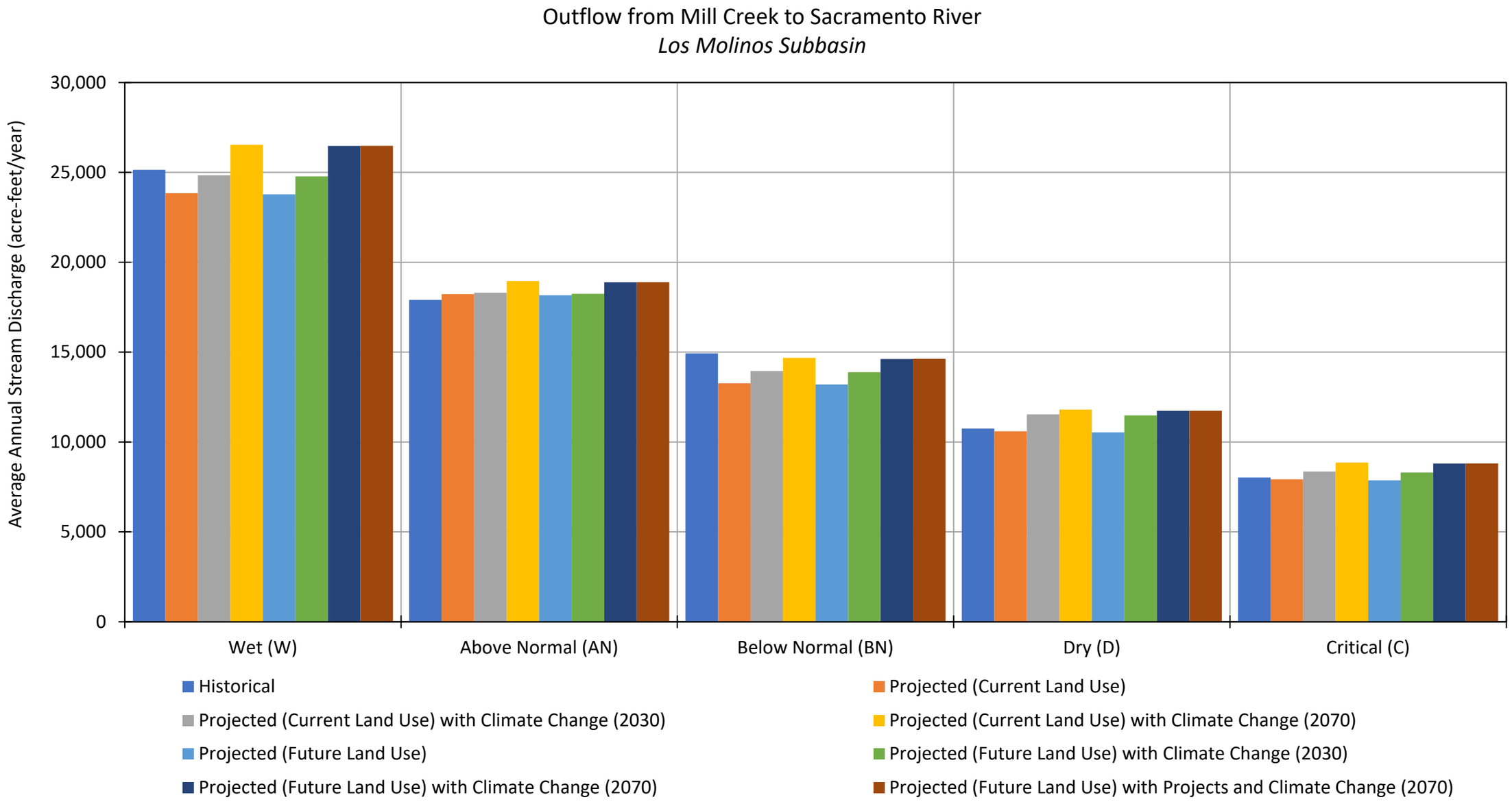
Tehama IHM

Outflow from Antelope Creek Group to Sacramento River

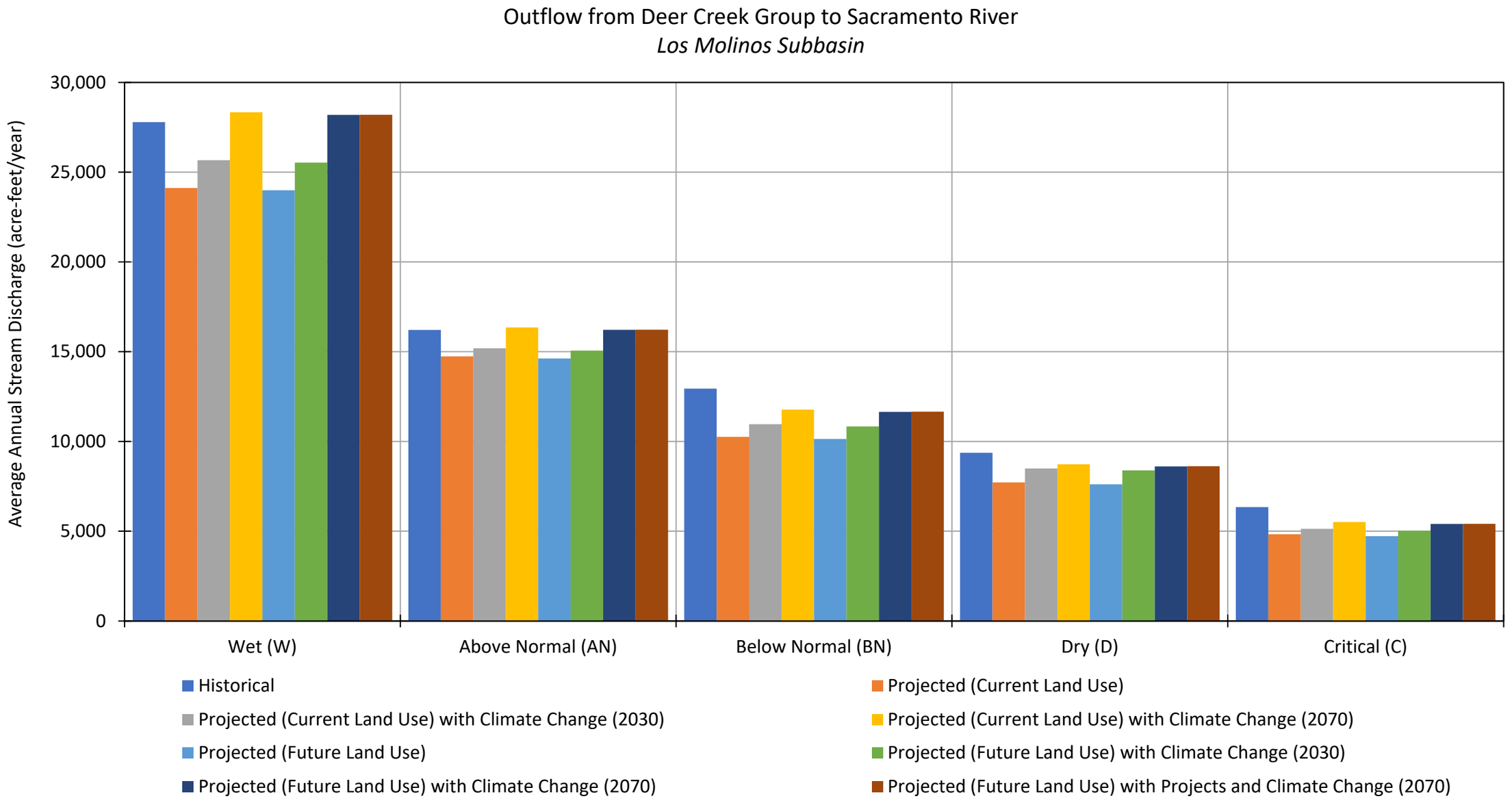
Los Molinos Subbasin



Tehama IHM


Outflow from Mill Creek to Sacramento River
Los Molinos Subbasin
Average Annual Stream Discharge (acre-feet/year)
30,000
25,000
20,000
15,000
10,000
5,000
0
Wet (W)
Above Normal (AN)
Below Normal (BN)
Dry (D)
Critical (C)
Historical
Projected (Current Land Use)
Projected (Current Land Use) with Climate Change (2030)
Projected (Current Land Use) with Climate Change (2070)
Projected (Future Land Use)
Projected (Future Land Use) with Climate Change (2030)
Projected (Future Land Use) with Climate Change (2070)
Projected (Future Land Use) with Projects and Climate Change (2070)

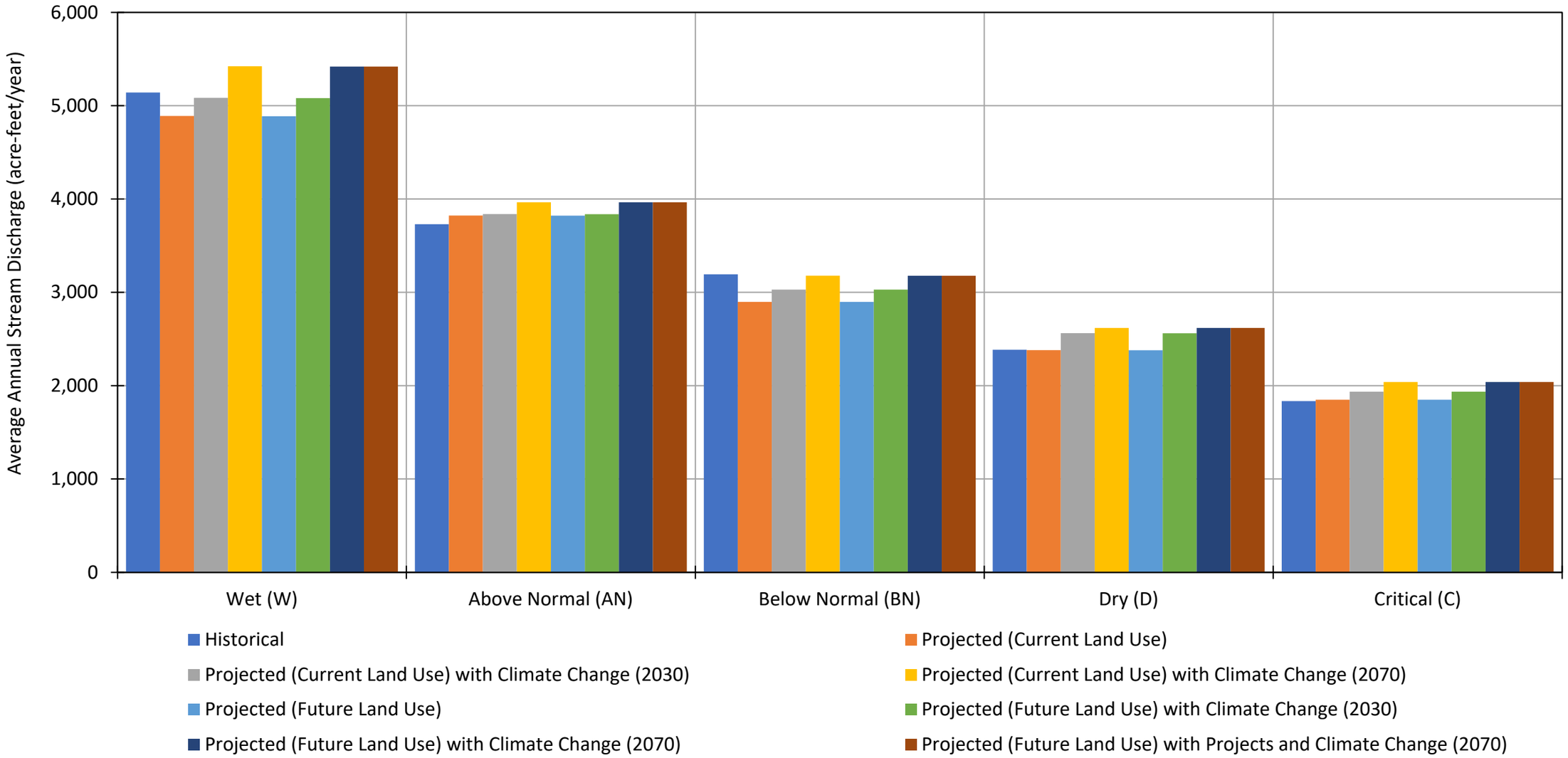
Tehama IHM


Outflow from Deer Creek Group to Sacramento River
Los Molinos Subbasin
Average Annual Stream Discharge (acre-feet/year)
30,000
25,000
20,000
15,000
10,000
5,000
0
Wet (W)
Above Normal (AN)
Below Normal (BN)
Dry (D)
Critical (C)
Historical
Projected (Current Land Use)
Projected (Current Land Use) with Climate Change (2030)
Projected (Current Land Use) with Climate Change (2070)
Projected (Future Land Use)
Projected (Future Land Use) with Climate Change (2030)
Projected (Future Land Use) with Climate Change (2070)
Projected (Future Land Use) with Projects and Climate Change (2070)

Tehama IHM

Outflow from Dye Creek to Sacramento River

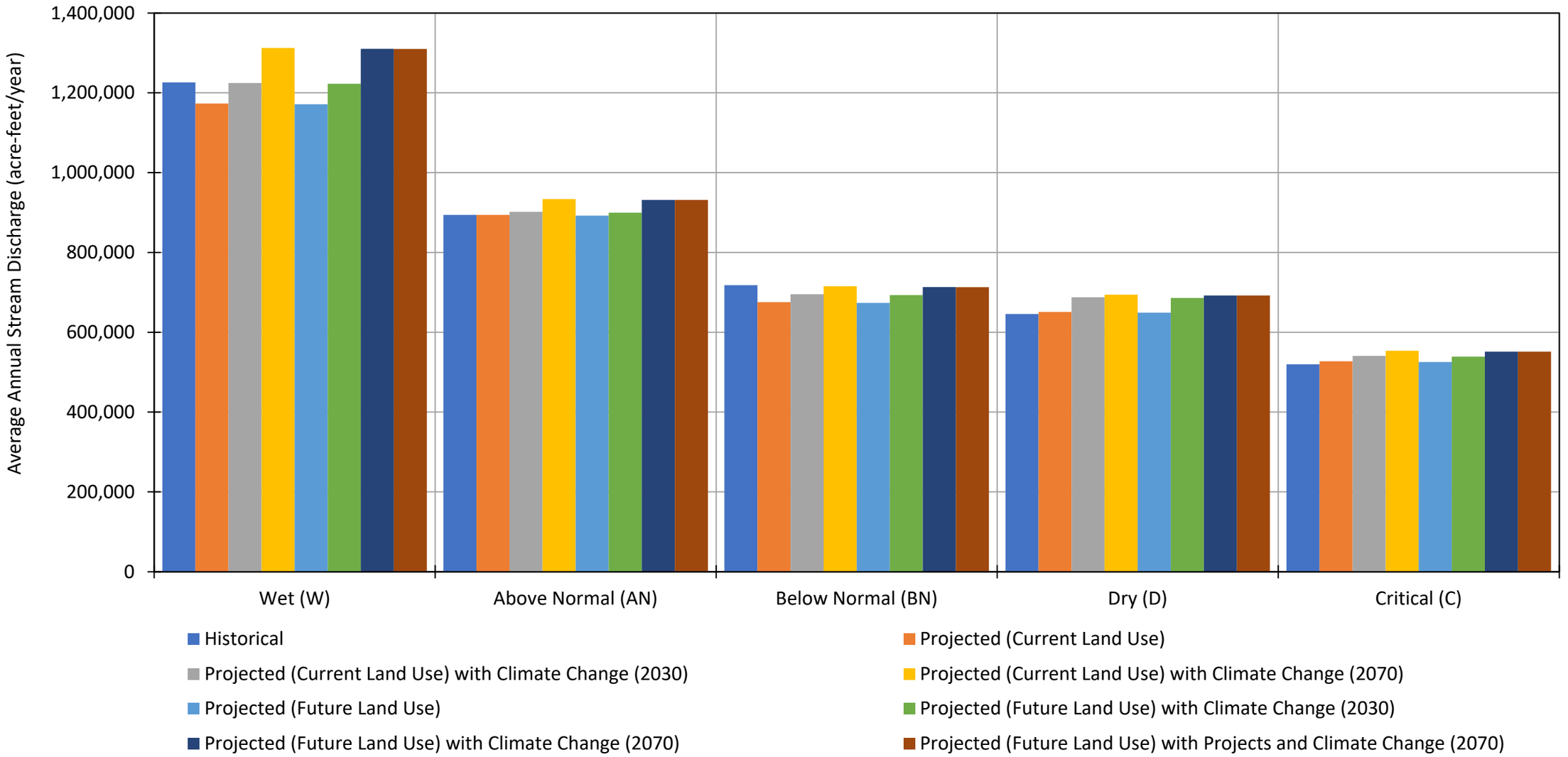
Los Molinos Subbasin



Tehama IHM

Outflow from Sacramento River at Los Molinos Subbasin Boundary

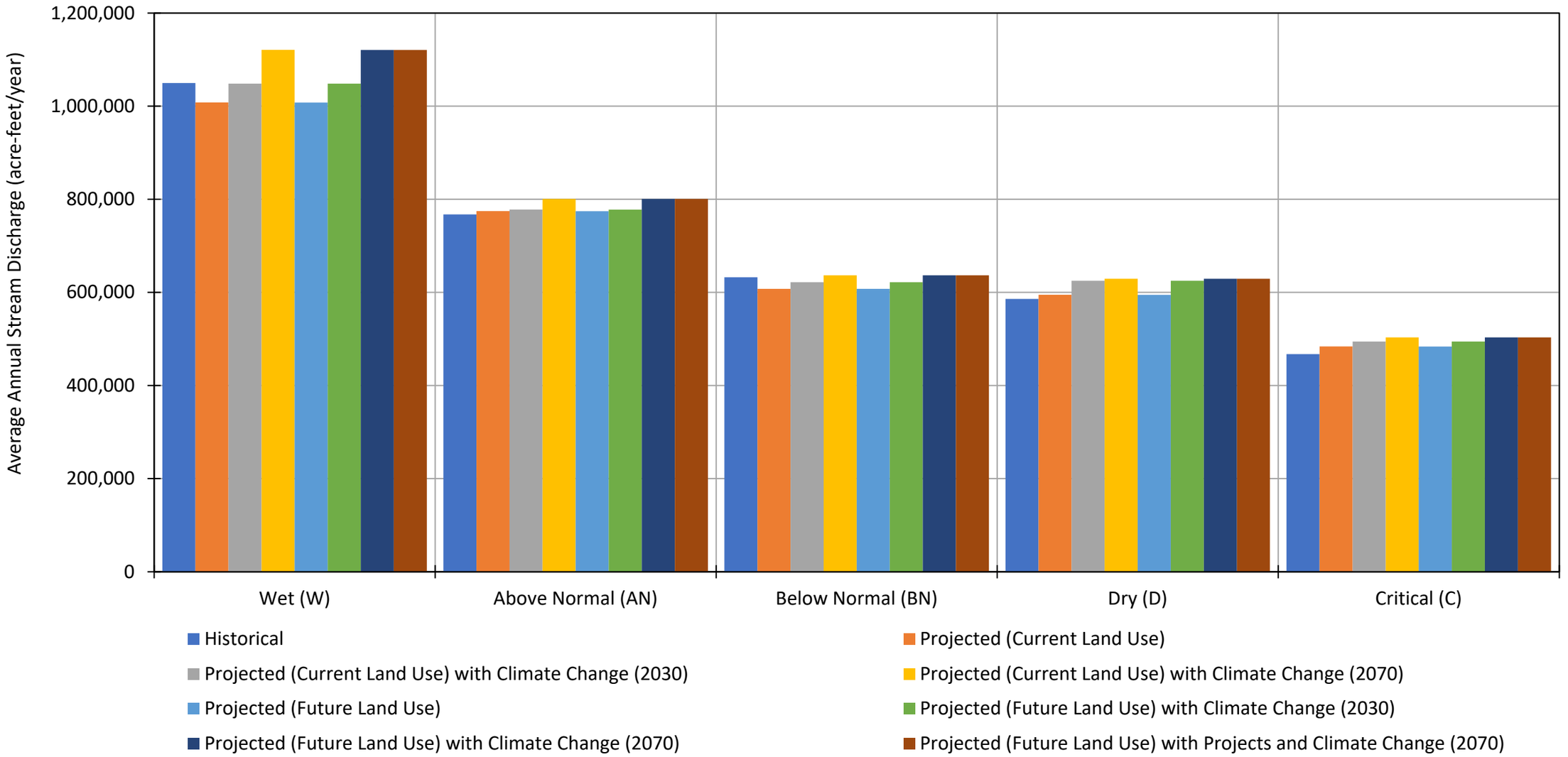
Los Molinos Subbasin



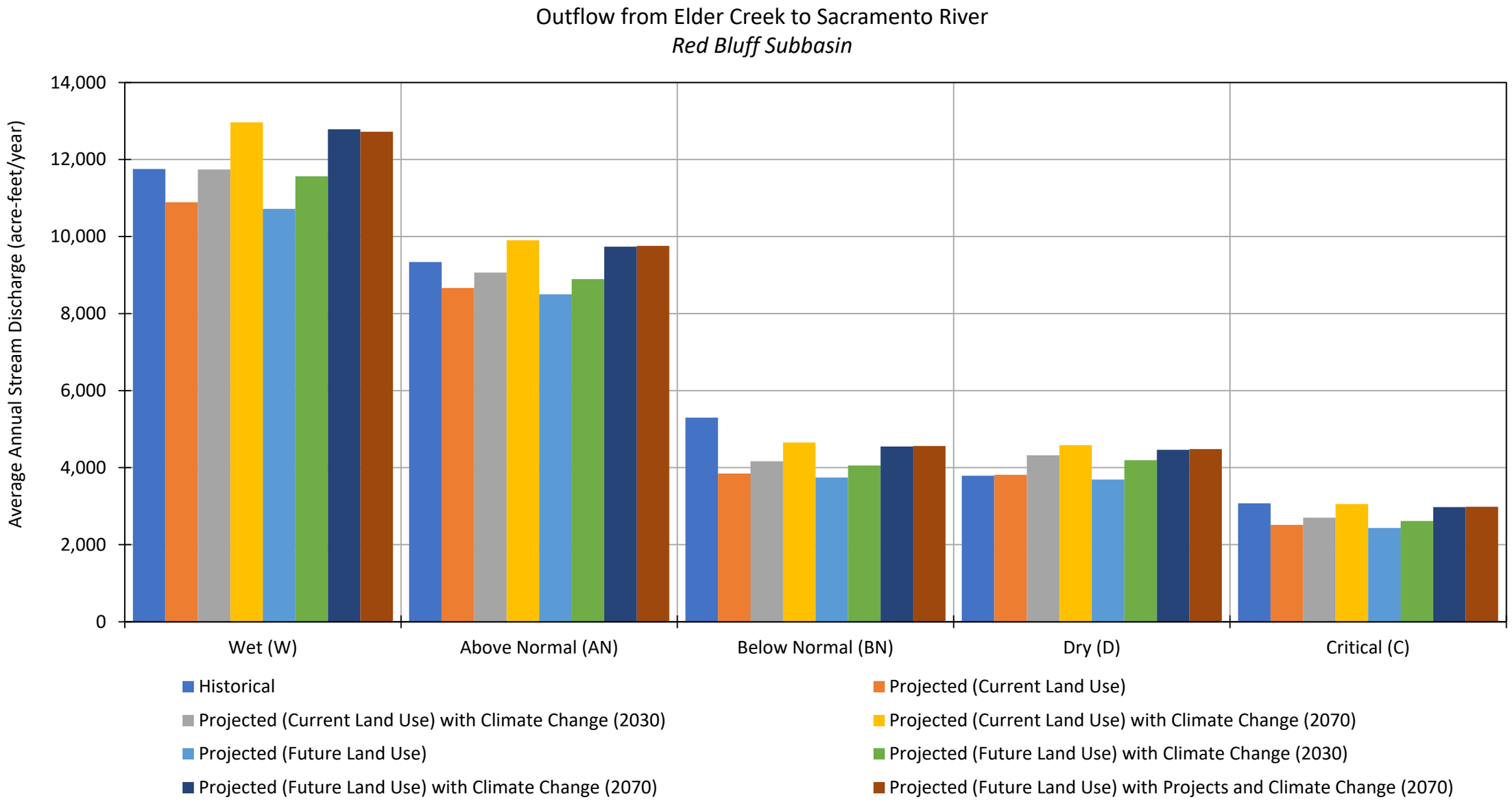
Tehama IHM

Inflow from Sacramento River at Red Bluff Subbasin Boundary

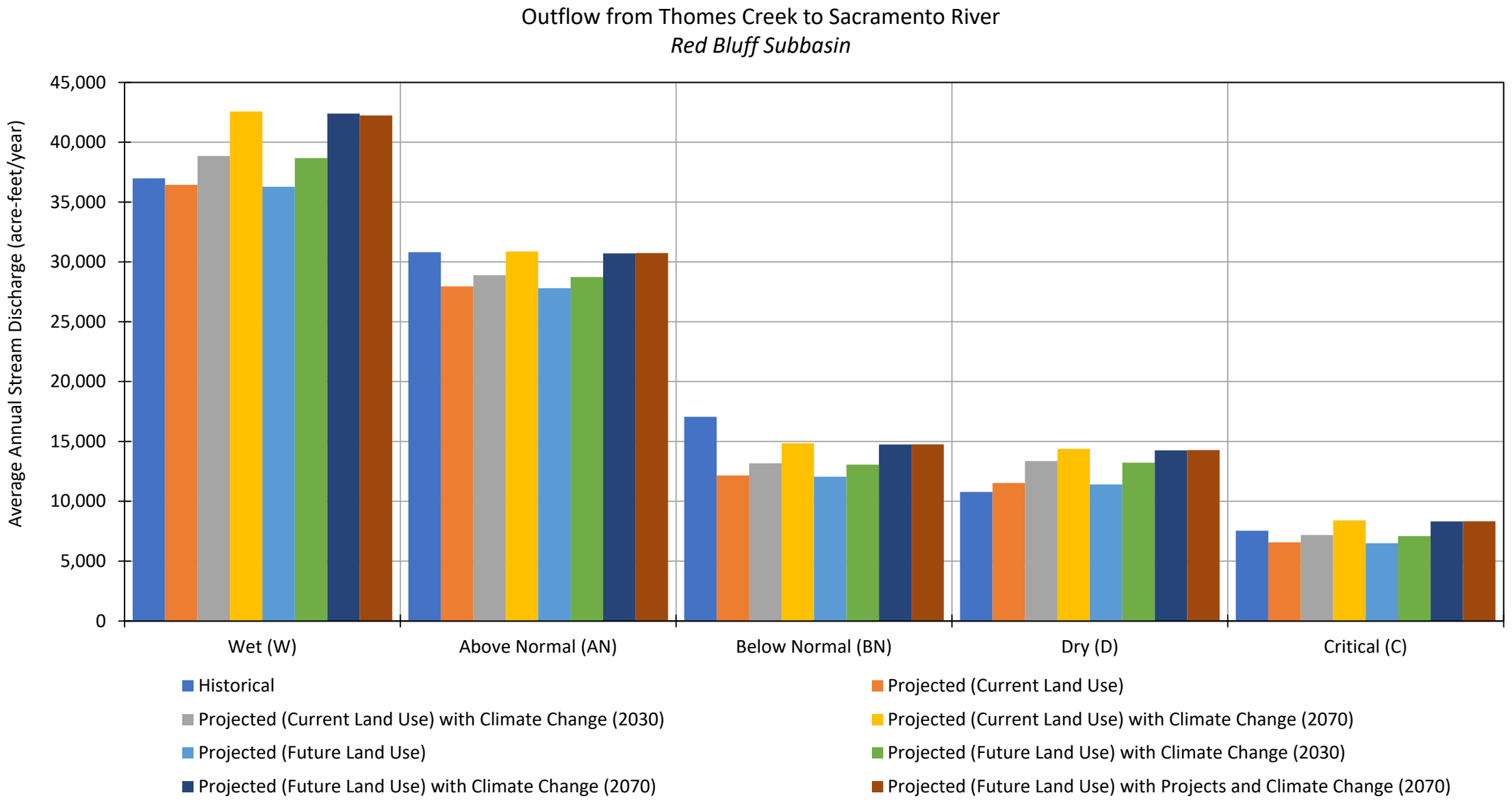
Red Bluff Subbasin



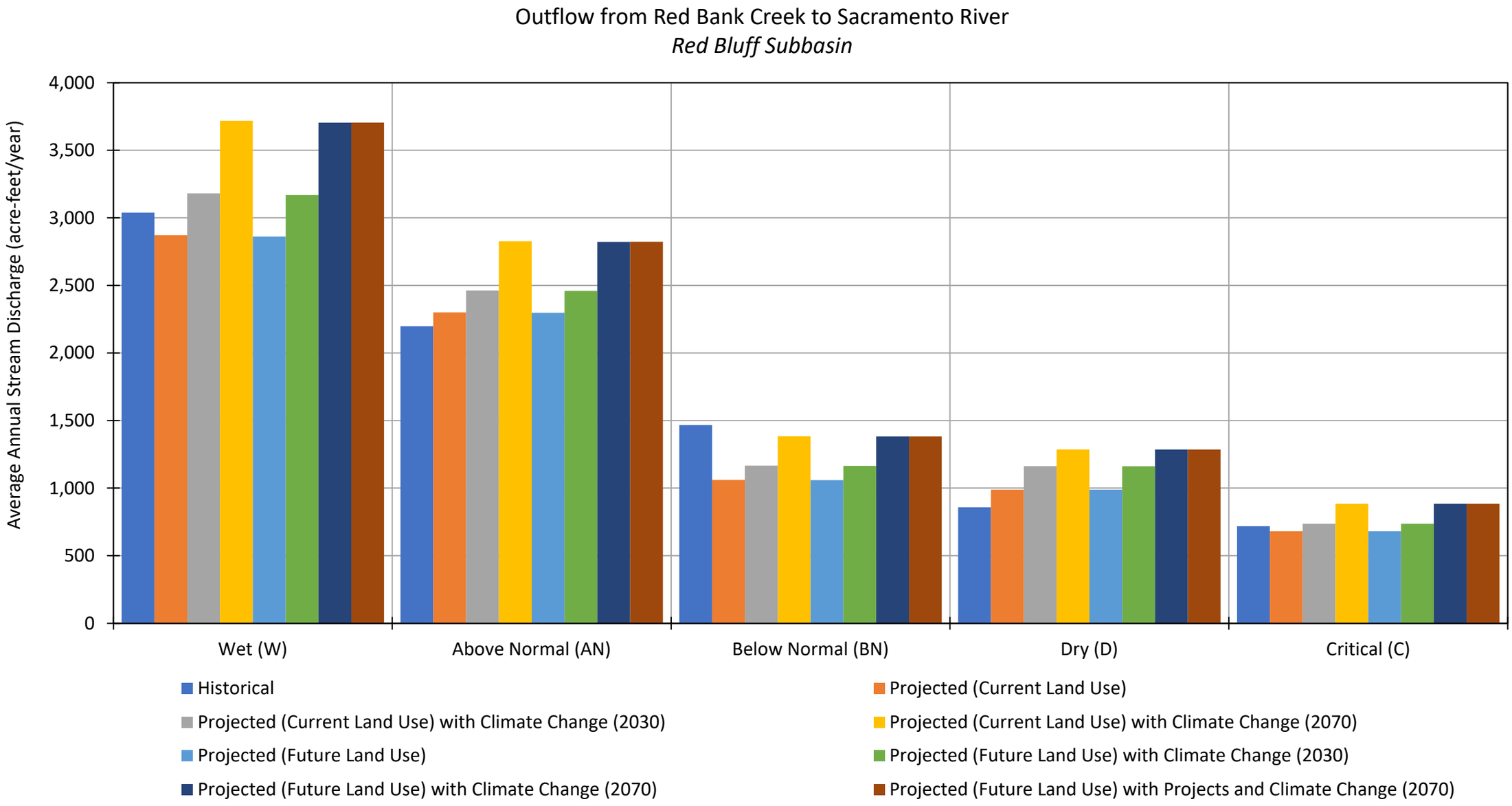
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Outflow from Elder Creek to Sacramento River
Red Bluff Subbasin
Average Annual Stream Discharge (acre-feet/year)
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
Wet (W)
Above Normal (AN)
Below Normal (BN)
Dry (D)
Critical (C)
Historical
Projected (Current Land Use)
Projected (Current Land Use) with Climate Change (2030)
Projected (Current Land Use) with Climate Change (2070)
Projected (Future Land Use)
Projected (Future Land Use) with Climate Change (2030)
Projected (Future Land Use) with Climate Change (2070)
Projected (Future Land Use) with Projects and Climate Change (2070)

Tehama IHM


Outflow from Thomes Creek to Sacramento River
Red Bluff Subbasin
Average Annual Stream Discharge (acre-feet/year)
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
Wet (W)
Above Normal (AN)
Below Normal (BN)
Dry (D)
Critical (C)
Historical
Projected (Current Land Use)
Projected (Current Land Use) with Climate Change (2030)
Projected (Current Land Use) with Climate Change (2070)
Projected (Future Land Use)
Projected (Future Land Use) with Climate Change (2030)
Projected (Future Land Use) with Climate Change (2070)
Projected (Future Land Use) with Projects and Climate Change (2070)

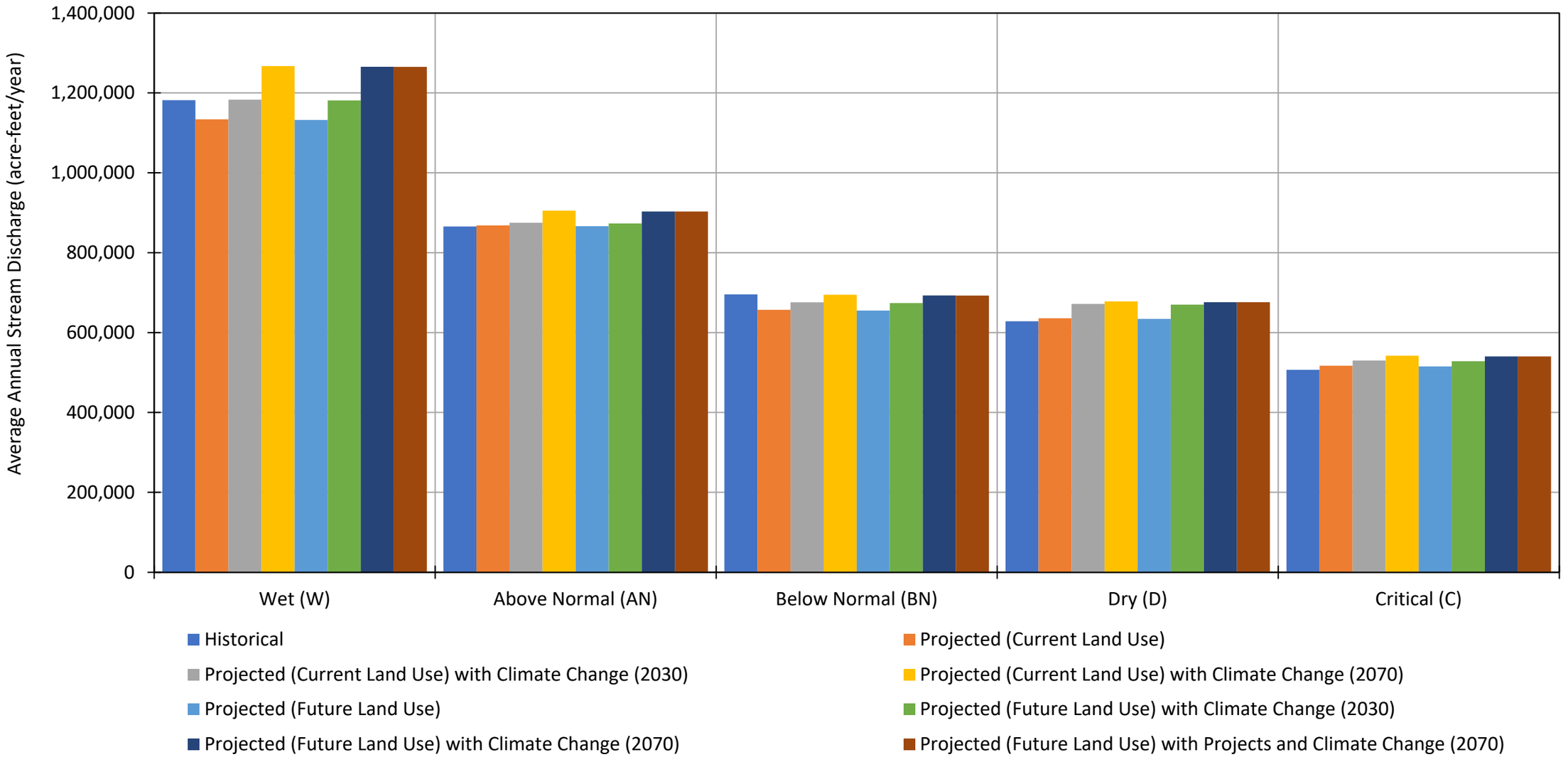
Tehama IHM


Outflow from Red Bank Creek to Sacramento River
Red Bluff Subbasin
Average Annual Stream Discharge (acre-feet/year)
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Wet (W)
Above Normal (AN)
Below Normal (BN)
Dry (D)
Critical (C)
Historical
Projected (Current Land Use)
Projected (Current Land Use) with Climate Change (2030)
Projected (Current Land Use) with Climate Change (2070)
Projected (Future Land Use)
Projected (Future Land Use) with Climate Change (2030)
Projected (Future Land Use) with Climate Change (2070)
Projected (Future Land Use) with Projects and Climate Change (2070)

Tehama IHM

Outflow from Sacramento River at Red Bluff Subbasin Boundary

Red Bluff Subbasin



Tehama IHM

Comparison of Simulated Streamflows: Inflow from Sacramento River at Antelope Subbasin Boundary
Antelope Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	456,200	459,540	424,839	405,386	459,243	424,537	405,065	405,047
	November	434,211	438,213	450,971	386,387	437,957	450,695	386,082	386,060
	December	642,909	628,137	693,650	753,357	627,870	693,367	753,047	753,020
	January	895,047	879,008	988,318	1,218,218	878,723	988,014	1,217,880	1,217,856
	February	998,601	1,068,098	1,160,137	1,435,965	1,067,781	1,159,799	1,435,595	1,435,569
	March	936,887	1,050,776	1,153,157	1,253,876	1,050,427	1,152,791	1,253,472	1,253,448
	April	668,994	737,256	746,929	718,571	736,903	746,554	718,163	718,144
	May	773,361	774,225	745,399	635,729	773,881	745,038	635,339	635,324
	June	787,806	813,754	750,752	688,230	813,413	750,396	687,851	687,838
	July	847,737	869,323	885,256	889,011	869,004	884,921	888,653	888,641
	August	732,161	762,310	765,877	782,105	761,999	765,552	781,761	781,748
	September	551,452	568,697	579,199	584,478	568,386	578,875	584,114	584,098
Average Annual Flow (acre-feet/year)	TOTAL	727,114	754,111	778,707	812,609	753,799	778,378	812,252	812,233
	Wet (W)	1,061,657	1,019,487	1,060,680	1,134,353	1,019,187	1,060,365	1,134,008	1,133,986
	Above Normal (AN)	777,027	783,965	787,721	811,362	783,649	787,381	810,997	810,977
	Below Normal (BN)	640,335	615,070	629,819	644,981	614,750	629,483	644,617	644,599
	Dry (D)	593,228	601,865	632,522	636,892	601,543	632,185	636,527	636,510
	Critical (C)	473,875	489,888	500,633	509,828	489,570	500,301	509,467	509,449

Change in Simulated Streamflows as compared to Historical Scenario: Inflow from Sacramento River at Antelope Subbasin Boundary
Antelope Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	3,340	-31,362	-50,815	3,043	-31,664	-51,136	-51,153
	November	0	4,002	16,760	-47,824	3,746	16,484	-48,130	-48,151
	December	0	-14,772	50,742	110,448	-15,038	50,459	110,139	110,111
	January	0	-16,039	93,271	323,172	-16,323	92,968	322,833	322,809
	February	0	69,497	161,536	437,364	69,181	161,199	436,995	436,968
	March	0	113,889	216,270	316,989	113,540	215,904	316,585	316,561
	April	0	68,262	77,934	49,576	67,909	77,560	49,169	49,150
	May	0	864	-27,962	-137,632	520	-28,323	-138,021	-138,036
	June	0	25,948	-37,054	-99,576	25,608	-37,410	-99,955	-99,968
	July	0	21,585	37,518	41,273	21,267	37,183	40,915	40,903
	August	0	30,149	33,716	49,944	29,838	33,391	49,600	49,587
	September	0	17,245	27,747	33,026	16,933	27,423	32,662	32,646
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	26,998	51,593	85,496	26,685	51,264	85,138	85,119
	Wet (W)	0	-42,170	-976	72,697	-42,469	-1,292	72,351	72,329
	Above Normal (AN)	0	6,938	10,694	34,335	6,622	10,355	33,970	33,950
	Below Normal (BN)	0	-25,265	-10,516	4,646	-25,585	-10,852	4,282	4,264
	Dry (D)	0	8,637	39,293	43,664	8,315	38,957	43,299	43,282
	Critical (C)	0	16,013	26,759	35,954	15,695	26,426	35,592	35,574

Comparison of Simulated Streamflows: Outflow from Antelope Creek Group to Sacramento River
Antelope Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	7,567	7,329	6,921	6,560	7,164	6,768	6,396	6,396
	November	9,937	9,813	10,143	8,945	9,655	9,976	8,775	8,777
	December	22,739	21,538	23,618	25,615	21,359	23,426	25,410	25,414
	January	30,316	29,817	33,316	39,921	29,625	33,113	39,699	39,706
	February	31,338	33,597	36,332	43,489	33,406	36,130	43,269	43,277
	March	27,974	28,085	30,909	33,275	27,897	30,708	33,056	33,065
	April	21,289	22,713	23,107	22,061	22,529	22,912	21,855	21,865
	May	16,834	17,926	17,486	15,287	17,742	17,294	15,088	15,096
	June	11,265	11,457	10,764	9,867	11,278	10,580	9,678	9,682
	July	7,980	7,908	7,990	7,862	7,733	7,808	7,671	7,673
	August	6,519	6,468	6,552	6,518	6,302	6,380	6,339	6,339
	September	6,111	6,010	6,138	6,055	5,850	5,969	5,883	5,883
Average Annual Flow (acre-feet/year)	TOTAL	16,656	16,889	17,773	18,788	16,712	17,589	18,593	18,598
	Wet (W)	25,695	24,307	25,632	27,489	24,123	25,438	27,285	27,291
	Above Normal (AN)	18,367	18,348	18,839	19,855	18,164	18,647	19,652	19,656
	Below Normal (BN)	15,560	14,004	14,772	15,446	13,829	14,590	15,252	15,257
	Dry (D)	12,050	11,872	12,723	12,946	11,699	12,544	12,757	12,762
	Critical (C)	9,420	9,047	9,527	9,976	8,884	9,357	9,799	9,800

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from Antelope Creek Group to Sacramento River Antelope Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	-238	-646	-1,007	-403	-799	-1,171	-1,171
	November	0	-124	206	-992	-282	40	-1,162	-1,160
	December	0	-1,201	878	2,875	-1,380	686	2,671	2,675
	January	0	-499	3,000	9,605	-691	2,797	9,383	9,390
	February	0	2,259	4,994	12,151	2,068	4,792	11,931	11,939
	March	0	111	2,935	5,301	-77	2,733	5,081	5,091
	April	0	1,424	1,818	772	1,240	1,623	566	576
	May	0	1,093	653	-1,547	908	460	-1,746	-1,738
	June	0	192	-501	-1,398	13	-685	-1,587	-1,583
	July	0	-72	10	-118	-247	-172	-309	-307
	August	0	-51	32	-1	-218	-139	-181	-180
	September	0	-102	27	-56	-261	-143	-229	-228
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	233	1,117	2,132	56	933	1,937	1,942
	Wet (W)	0	-1,388	-63	1,794	-1,572	-257	1,589	1,596
	Above Normal (AN)	0	-19	472	1,488	-204	280	1,284	1,289
	Below Normal (BN)	0	-1,557	-789	-114	-1,731	-970	-309	-304
	Dry (D)	0	-178	673	896	-352	494	707	712
	Critical (C)	0	-373	107	556	-536	-63	380	380

Comparison of Simulated Streamflows: Outflow from Sacramento River at Antelope Subbasin Boundary
Antelope Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	464,510	466,143	430,681	410,239	464,475	428,944	408,370	408,299
	November	455,194	458,835	472,472	404,740	457,413	470,994	403,097	403,139
	December	696,581	678,368	748,948	812,786	677,188	747,723	811,474	811,519
	January	972,367	954,504	1,071,400	1,315,398	953,238	1,070,051	1,313,938	1,313,998
	February	1,070,534	1,148,353	1,246,036	1,535,266	1,146,966	1,244,560	1,533,655	1,533,700
	March	992,846	1,104,857	1,212,762	1,316,590	1,103,370	1,211,206	1,314,888	1,314,944
	April	693,706	763,580	773,411	742,848	762,086	771,830	741,136	741,100
	May	769,755	770,440	741,148	627,633	768,936	739,568	625,929	625,659
	June	764,708	787,492	723,693	659,803	785,918	722,046	658,047	657,675
	July	814,606	832,896	848,733	851,800	831,265	847,026	849,976	849,685
	August	711,680	739,125	742,632	758,266	737,420	740,850	756,368	756,188
	September	548,484	564,117	574,605	579,297	562,368	572,772	577,328	577,266
Average Annual Flow (acre-feet/year)	TOTAL	746,248	772,392	798,877	834,556	770,887	797,298	832,851	832,764
	Wet (W)	1,098,421	1,053,297	1,097,481	1,174,462	1,051,891	1,096,000	1,172,859	1,172,703
	Above Normal (AN)	800,375	806,030	811,115	837,055	804,532	809,530	835,342	835,240
	Below Normal (BN)	653,062	623,456	639,722	655,836	621,897	638,090	654,066	653,863
	Dry (D)	599,250	606,407	638,545	643,130	604,866	636,940	641,403	641,399
	Critical (C)	484,394	496,860	508,529	518,359	495,239	506,838	516,543	516,601

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from Sacramento River at Antelope Subbasin Boundary
Antelope Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	1,633	-33,830	-54,271	-36	-35,566	-56,141	-56,212
	November	0	3,640	17,277	-50,454	2,218	15,800	-52,098	-52,055
	December	0	-18,213	52,368	116,206	-19,393	51,142	114,893	114,938
	January	0	-17,864	99,033	343,031	-19,129	97,684	341,571	341,631
	February	0	77,820	175,502	464,732	76,432	174,027	463,122	463,166
	March	0	112,011	219,916	323,744	110,524	218,360	322,042	322,098
	April	0	69,874	79,705	49,142	68,380	78,124	47,430	47,394
	May	0	686	-28,606	-142,122	-818	-30,187	-143,825	-144,096
	June	0	22,783	-41,016	-104,905	21,210	-42,663	-106,661	-107,034
	July	0	18,290	34,127	37,194	16,658	32,420	35,370	35,079
	August	0	27,445	30,952	46,587	25,740	29,171	44,688	44,508
	September	0	15,633	26,121	30,813	13,884	24,288	28,844	28,782
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	26,145	52,629	88,308	24,639	51,050	86,603	86,517
	Wet (W)	0	-45,123	-939	76,042	-46,529	-2,421	74,439	74,283
	Above Normal (AN)	0	5,655	10,740	36,680	4,157	9,155	34,967	34,865
	Below Normal (BN)	0	-29,606	-13,340	2,774	-31,165	-14,972	1,004	801
	Dry (D)	0	7,157	39,295	43,880	5,616	37,690	42,153	42,149
	Critical (C)	0	12,467	24,135	33,966	10,845	22,444	32,149	32,207

Comparison of Simulated Streamflows: Difference between Inflows and Outflows from Sacramento River at Antelope Subbasin Boundary
Antelope Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	8,310	6,603	5,842	4,853	5,232	4,408	3,305	3,251
	November	20,983	20,621	21,501	18,353	19,455	20,299	17,015	17,079
	December	53,672	50,231	55,298	59,429	49,318	54,356	58,426	58,499
	January	77,321	75,496	83,082	97,180	74,515	82,037	96,058	96,142
	February	71,933	80,255	85,899	99,301	79,184	84,761	98,060	98,131
	March	55,959	54,081	59,605	62,714	52,943	58,415	61,416	61,496
	April	24,712	26,324	26,483	24,278	25,183	25,276	22,973	22,956
	May	-3,606	-3,784	-4,251	-8,096	-4,945	-5,470	-9,410	-9,666
	June	-23,097	-26,262	-27,060	-28,427	-27,495	-28,350	-29,803	-30,163
	July	-33,131	-36,426	-36,523	-37,211	-37,739	-37,895	-38,676	-38,956
	August	-20,481	-23,185	-23,245	-23,839	-24,579	-24,701	-25,393	-25,560
	September	-2,968	-4,580	-4,594	-5,181	-6,017	-6,103	-6,786	-6,832
Average Annual Flow (acre-feet/year)	TOTAL	19,134	18,281	20,170	21,946	17,088	18,919	20,599	20,532
	Wet (W)	36,764	33,810	36,801	40,109	32,704	35,635	38,851	38,717
	Above Normal (AN)	23,348	22,065	23,394	25,694	20,884	22,148	24,345	24,263
	Below Normal (BN)	12,727	8,386	9,903	10,855	7,147	8,608	9,450	9,264
	Dry (D)	6,022	4,541	6,023	6,238	3,323	4,755	4,876	4,889
	Critical (C)	10,519	6,972	7,895	8,531	5,669	6,537	7,076	7,152

Comparison of Simulated Streamflows: Difference between Inflows and Outflows from Sacramento River at Antelope Subbasin Boundary as Percentage of Total Outflow, Antelope Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	1.8%	1.4%	1.4%	1.2%	1.1%	1.0%	0.8%	0.8%
	November	4.6%	4.5%	4.6%	4.5%	4.3%	4.3%	4.2%	4.2%
	December	7.7%	7.4%	7.4%	7.3%	7.3%	7.3%	7.2%	7.2%
	January	8.0%	7.9%	7.8%	7.4%	7.8%	7.7%	7.3%	7.3%
	February	6.7%	7.0%	6.9%	6.5%	6.9%	6.8%	6.4%	6.4%
	March	5.6%	4.9%	4.9%	4.8%	4.8%	4.8%	4.7%	4.7%
	April	3.6%	3.4%	3.4%	3.3%	3.3%	3.3%	3.1%	3.1%
	May	-0.5%	-0.5%	-0.6%	-1.3%	-0.6%	-0.7%	-1.5%	-1.5%
	June	-3.0%	-3.3%	-3.7%	-4.3%	-3.5%	-3.9%	-4.5%	-4.6%
	July	-4.1%	-4.4%	-4.3%	-4.4%	-4.5%	-4.5%	-4.6%	-4.6%
	August	-2.9%	-3.1%	-3.1%	-3.1%	-3.3%	-3.3%	-3.4%	-3.4%
	September	-0.5%	-0.8%	-0.8%	-0.9%	-1.1%	-1.1%	-1.2%	-1.2%
Average Annual Flow (acre-feet/year)	TOTAL	2.6%	2.4%	2.5%	2.6%	2.2%	2.4%	2.5%	2.5%
	Wet (W)	3.3%	3.2%	3.4%	3.4%	3.1%	3.3%	3.3%	3.3%
	Above Normal (AN)	2.9%	2.7%	2.9%	3.1%	2.6%	2.7%	2.9%	2.9%
	Below Normal (BN)	1.9%	1.3%	1.5%	1.7%	1.1%	1.3%	1.4%	1.4%
	Dry (D)	1.0%	0.7%	0.9%	1.0%	0.5%	0.7%	0.8%	0.8%
	Critical (C)	2.2%	1.4%	1.6%	1.6%	1.1%	1.3%	1.4%	1.4%

Comparison of Simulated Streamflows: Inflow from Sacramento River at Bowman Subbasin Boundary
Bowman Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	431,429	435,030	401,706	383,208	434,988	401,668	383,184	383,181
	November	404,107	407,521	419,303	358,644	407,488	419,260	358,598	358,592
	December	586,069	572,407	632,494	687,294	572,340	632,420	687,210	687,197
	January	822,706	804,779	906,175	1,120,212	804,699	906,087	1,120,105	1,120,094
	February	927,311	990,545	1,076,543	1,336,615	990,438	1,076,427	1,336,484	1,336,470
	March	874,898	987,698	1,083,870	1,179,592	987,578	1,083,743	1,179,448	1,179,436
	April	620,392	684,782	693,905	667,942	684,672	693,788	667,817	667,807
	May	728,536	726,368	699,102	595,883	726,279	699,009	595,786	595,778
	June	753,576	778,745	718,456	658,976	778,671	718,382	658,899	658,893
	July	823,444	844,540	860,386	864,448	844,490	860,333	864,392	864,389
	August	710,996	740,769	744,324	760,531	740,728	744,281	760,490	760,487
	September	529,505	546,631	556,905	562,225	546,594	556,867	562,169	562,166
Average Annual Flow (acre-feet/year)	TOTAL	684,414	709,985	732,764	764,631	709,914	732,689	764,548	764,541
	Wet (W)	999,609	958,927	997,520	1,067,576	958,850	997,440	1,067,487	1,067,478
	Above Normal (AN)	731,377	737,572	740,483	762,234	737,496	740,393	762,146	762,138
	Below Normal (BN)	601,423	578,082	591,184	604,864	578,016	591,113	604,788	604,782
	Dry (D)	559,890	568,732	597,418	601,243	568,658	597,341	601,158	601,152
	Critical (C)	445,581	462,037	471,719	479,893	461,979	471,659	479,823	479,817

Change in Simulated Streamflows as compared to Historical Scenario: Inflow from Sacramento River at Bowman Subbasin Boundary
Bowman Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	3,602	-29,723	-48,221	3,560	-29,761	-48,245	-48,248
	November	0	3,414	15,196	-45,463	3,381	15,153	-45,509	-45,515
	December	0	-13,661	46,425	101,226	-13,729	46,351	101,141	101,128
	January	0	-17,926	83,470	297,507	-18,006	83,381	297,400	297,389
	February	0	63,233	149,232	409,304	63,126	149,116	409,173	409,159
	March	0	112,801	208,972	304,695	112,681	208,846	304,551	304,538
	April	0	64,390	73,513	47,549	64,280	73,396	47,425	47,415
	May	0	-2,168	-29,433	-132,652	-2,257	-29,526	-132,750	-132,757
	June	0	25,169	-35,120	-94,601	25,095	-35,195	-94,678	-94,683
	July	0	21,096	36,942	41,003	21,045	36,889	40,948	40,944
	August	0	29,772	33,328	49,534	29,731	33,285	49,494	49,491
	September	0	17,126	27,400	32,719	17,089	27,362	32,664	32,661
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	25,571	48,350	80,217	25,500	48,275	80,134	80,127
	Wet (W)	0	-40,682	-2,089	67,967	-40,758	-2,168	67,879	67,870
	Above Normal (AN)	0	6,195	9,106	30,857	6,119	9,016	30,769	30,761
	Below Normal (BN)	0	-23,341	-10,240	3,441	-23,408	-10,310	3,365	3,359
	Dry (D)	0	8,843	37,528	41,353	8,768	37,452	41,268	41,262
	Critical (C)	0	16,456	26,138	34,312	16,398	26,078	34,242	34,236

Comparison of Simulated Streamflows: Outflow from MF Cottonwood Creek to Cottonwood Creek
Bowman Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	1,102	1,005	889	807	1,001	885	802	802
	November	2,813	2,834	2,929	2,392	2,830	2,924	2,387	2,387
	December	20,363	19,832	21,848	24,634	19,827	21,843	24,629	24,628
	January	37,654	37,517	42,956	53,097	37,512	42,951	53,091	53,091
	February	47,559	52,203	57,036	69,626	52,198	57,031	69,621	69,621
	March	35,604	38,050	41,950	45,927	38,046	41,945	45,922	45,922
	April	19,129	21,416	21,579	20,698	21,412	21,575	20,693	20,692
	May	11,241	11,297	10,787	8,870	11,292	10,782	8,865	8,864
	June	4,415	4,673	4,048	3,329	4,669	4,044	3,325	3,325
	July	896	906	903	882	903	899	879	879
	August	275	272	271	273	271	270	271	271
	September	349	342	351	350	339	348	348	348
Average Annual Flow (acre-feet/year)	TOTAL	15,117	15,862	17,129	19,240	15,858	17,125	19,236	19,236
	Wet (W)	26,514	25,690	27,705	31,332	25,686	27,701	31,328	31,327
	Above Normal (AN)	19,049	19,164	20,076	22,244	19,160	20,071	22,239	22,239
	Below Normal (BN)	13,050	10,104	10,953	12,468	10,100	10,949	12,464	12,463
	Dry (D)	8,425	9,364	10,653	11,460	9,360	10,649	11,456	11,455
	Critical (C)	6,101	5,740	6,181	7,116	5,737	6,177	7,112	7,112

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from MF Cottonwood Creek to Cottonwood Creek Bowman Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	-98	-213	-296	-102	-218	-300	-300
	November	0	22	116	-421	17	112	-425	-426
	December	0	-531	1,484	4,271	-536	1,479	4,266	4,265
	January	0	-138	5,302	15,442	-142	5,297	15,437	15,437
	February	0	4,644	9,478	22,068	4,639	9,473	22,063	22,062
	March	0	2,447	6,346	10,324	2,442	6,341	10,318	10,318
	April	0	2,287	2,450	1,568	2,283	2,445	1,563	1,563
	May	0	55	-454	-2,372	51	-459	-2,377	-2,377
	June	0	258	-367	-1,086	254	-371	-1,090	-1,091
	July	0	10	7	-14	7	3	-17	-17
	August	0	-3	-4	-2	-4	-5	-4	-4
	September	0	-7	2	2	-9	0	-1	-1
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	746	2,012	4,124	742	2,008	4,119	4,119
	Wet (W)	0	-824	1,191	4,818	-828	1,187	4,814	4,814
	Above Normal (AN)	0	116	1,027	3,196	111	1,022	3,191	3,190
	Below Normal (BN)	0	-2,946	-2,097	-582	-2,950	-2,101	-587	-587
	Dry (D)	0	939	2,228	3,036	935	2,224	3,031	3,031
	Critical (C)	0	-360	80	1,015	-364	76	1,011	1,011

Comparison of Simulated Streamflows: Outflow from SF Cottonwood Creek to Cottonwood Creek
Bowman Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	413	389	253	202	380	247	196	196
	November	1,233	1,260	1,397	956	1,242	1,377	942	940
	December	9,422	8,769	10,264	11,820	8,733	10,225	11,778	11,775
	January	17,136	16,640	19,213	24,161	16,597	19,169	24,112	24,108
	February	15,152	18,336	20,250	24,978	18,283	20,192	24,915	24,911
	March	10,594	10,724	12,318	13,415	10,680	12,268	13,359	13,356
	April	4,632	5,516	5,382	4,782	5,484	5,351	4,755	4,753
	May	3,084	3,124	3,071	2,371	3,102	3,049	2,350	2,349
	June	1,225	1,244	1,135	983	1,231	1,122	971	970
	July	432	396	384	351	386	373	340	339
	August	200	151	144	127	144	137	120	120
	September	370	453	427	408	428	423	396	396
Average Annual Flow (acre-feet/year)	TOTAL	5,324	5,584	6,186	7,046	5,558	6,161	7,020	7,018
	Wet (W)	10,105	9,674	10,695	12,152	9,640	10,661	12,117	12,115
	Above Normal (AN)	6,540	6,720	7,255	8,370	6,680	7,225	8,338	8,336
	Below Normal (BN)	4,263	3,245	3,629	4,179	3,227	3,609	4,159	4,157
	Dry (D)	2,429	2,598	3,078	3,360	2,578	3,056	3,338	3,336
	Critical (C)	1,992	1,750	1,911	2,253	1,736	1,896	2,237	2,236

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from SF Cottonwood Creek to Cottonwood Creek
Bowman Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	-24	-160	-211	-33	-166	-216	-217
	November	0	27	164	-276	9	144	-291	-292
	December	0	-652	842	2,399	-688	804	2,357	2,354
	January	0	-496	2,078	7,026	-538	2,033	6,976	6,972
	February	0	3,184	5,098	9,826	3,131	5,040	9,763	9,759
	March	0	130	1,724	2,821	85	1,674	2,765	2,761
	April	0	884	750	150	852	719	123	121
	May	0	40	-13	-713	18	-35	-734	-735
	June	0	20	-90	-242	7	-103	-254	-254
	July	0	-35	-48	-81	-46	-59	-92	-93
	August	0	-49	-56	-73	-56	-63	-80	-80
	September	0	83	57	38	58	53	26	26
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	259	862	1,722	233	837	1,695	1,693
	Wet (W)	0	-431	590	2,047	-465	556	2,012	2,010
	Above Normal (AN)	0	180	716	1,831	140	685	1,798	1,796
	Below Normal (BN)	0	-1,017	-634	-83	-1,036	-654	-104	-105
	Dry (D)	0	169	649	932	149	627	909	907
	Critical (C)	0	-243	-81	261	-256	-96	245	244

Comparison of Simulated Streamflows: Outflow from Cottonwood Creek to Sacramento River
Bowman Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	4,088	3,992	3,563	3,145	3,952	3,527	3,123	3,120
	November	8,873	9,322	9,970	7,508	9,290	9,928	7,464	7,458
	December	58,383	55,487	62,581	70,367	55,421	62,508	70,285	70,272
	January	99,764	98,955	112,607	138,558	98,878	112,520	138,452	138,441
	February	104,840	119,008	130,068	157,613	118,903	129,953	157,484	157,470
	March	80,239	83,731	93,596	101,675	83,613	93,472	101,533	101,520
	April	40,660	46,560	46,563	43,541	46,452	46,448	43,418	43,408
	May	23,399	24,296	23,362	18,397	24,209	23,271	18,302	18,294
	June	9,525	9,528	8,228	6,656	9,456	8,156	6,581	6,576
	July	4,423	4,218	4,103	3,825	4,170	4,052	3,772	3,768
	August	3,634	3,359	3,278	3,097	3,320	3,238	3,058	3,055
	September	3,917	3,925	3,943	3,464	3,890	3,907	3,410	3,407
Average Annual Flow (acre-feet/year)	TOTAL	36,812	38,532	41,822	46,487	38,463	41,748	46,407	46,399
	Wet (W)	65,885	63,731	68,949	76,923	63,657	68,871	76,837	76,828
	Above Normal (AN)	46,933	47,076	49,625	54,791	47,002	49,536	54,705	54,697
	Below Normal (BN)	30,918	23,741	26,062	29,253	23,676	25,994	29,179	29,173
	Dry (D)	19,703	21,565	24,617	26,226	21,492	24,542	26,143	26,136
	Critical (C)	14,233	12,816	14,048	16,188	12,761	13,989	16,121	16,115

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from Cottonwood Creek to Sacramento River
Bowman Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	-95	-525	-942	-135	-560	-965	-968
	November	0	449	1,096	-1,365	417	1,055	-1,409	-1,415
	December	0	-2,896	4,198	11,984	-2,962	4,125	11,901	11,889
	January	0	-810	12,842	38,793	-887	12,756	38,688	38,677
	February	0	14,168	25,228	52,773	14,063	25,113	52,644	52,630
	March	0	3,493	13,358	21,436	3,374	13,233	21,294	21,282
	April	0	5,900	5,903	2,881	5,792	5,788	2,758	2,748
	May	0	897	-37	-5,002	810	-128	-5,097	-5,105
	June	0	3	-1,297	-2,869	-69	-1,369	-2,944	-2,949
	July	0	-205	-321	-599	-254	-371	-652	-656
	August	0	-274	-355	-537	-314	-396	-575	-578
	September	0	8	26	-453	-27	-10	-507	-510
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	1,720	5,010	9,675	1,651	4,936	9,595	9,587
	Wet (W)	0	-2,154	3,063	11,038	-2,229	2,986	10,951	10,942
	Above Normal (AN)	0	143	2,692	7,858	69	2,604	7,772	7,764
	Below Normal (BN)	0	-7,177	-4,855	-1,665	-7,242	-4,924	-1,738	-1,745
	Dry (D)	0	1,861	4,913	6,522	1,789	4,838	6,439	6,433
	Critical (C)	0	-1,417	-185	1,956	-1,472	-244	1,888	1,882

Comparison of Simulated Streamflows: Outflow from Sacramento River at Bowman Subbasin Boundary
Bowman Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	451,306	454,859	420,168	400,833	454,790	420,106	400,769	400,763
	November	427,866	431,891	444,497	380,438	431,859	444,454	380,384	380,375
	December	628,464	614,334	678,697	737,309	614,284	678,641	737,241	737,226
	January	875,094	859,088	966,471	1,192,523	859,020	966,393	1,192,426	1,192,413
	February	980,184	1,047,984	1,138,606	1,410,739	1,047,885	1,138,496	1,410,613	1,410,596
	March	923,753	1,037,877	1,139,152	1,239,118	1,037,749	1,139,016	1,238,960	1,238,945
	April	661,350	729,284	738,917	710,844	729,155	738,776	710,689	710,676
	May	768,135	768,794	739,947	630,586	768,678	739,825	630,453	630,443
	June	783,687	809,779	746,726	684,282	809,670	746,613	684,162	684,153
	July	843,831	865,548	881,526	885,426	865,462	881,435	885,328	885,321
	August	728,025	758,324	761,908	778,281	758,248	761,827	778,199	778,193
	September	546,976	564,340	574,857	580,247	564,263	574,777	580,145	580,139
Average Annual Flow (acre-feet/year)	TOTAL	718,223	745,175	769,289	802,552	745,088	769,197	802,447	802,437
	Wet (W)	1,049,537	1,007,769	1,048,224	1,120,738	1,007,685	1,048,134	1,120,634	1,120,622
	Above Normal (AN)	767,426	774,433	777,776	800,674	774,345	777,675	800,564	800,553
	Below Normal (BN)	632,200	607,511	621,863	636,608	607,424	621,770	636,505	636,496
	Dry (D)	585,920	594,733	625,014	629,233	594,637	624,914	629,121	629,112
	Critical (C)	467,409	483,788	494,312	503,281	483,708	494,227	503,183	503,174

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from Sacramento River at Bowman Subbasin Boundary
Bowman Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	3,553	-31,138	-50,473	3,484	-31,200	-50,537	-50,543
	November	0	4,025	16,631	-47,428	3,992	16,588	-47,482	-47,491
	December	0	-14,130	50,233	108,845	-14,180	50,177	108,777	108,762
	January	0	-16,006	91,376	317,429	-16,074	91,299	317,332	317,319
	February	0	67,800	158,422	430,555	67,701	158,312	430,429	430,412
	March	0	114,125	215,399	315,365	113,996	215,263	315,207	315,192
	April	0	67,934	77,566	49,494	67,804	77,426	49,338	49,325
	May	0	659	-28,188	-137,549	543	-28,311	-137,682	-137,693
	June	0	26,092	-36,961	-99,405	25,983	-37,074	-99,525	-99,533
	July	0	21,717	37,695	41,595	21,631	37,604	41,497	41,490
	August	0	30,300	33,883	50,256	30,223	33,803	50,174	50,169
	September	0	17,365	27,881	33,272	17,287	27,802	33,170	33,164
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	26,953	51,067	84,330	26,866	50,974	84,225	84,214
	Wet (W)	0	-41,768	-1,313	71,201	-41,852	-1,403	71,097	71,085
	Above Normal (AN)	0	7,007	10,350	33,248	6,919	10,249	33,138	33,127
	Below Normal (BN)	0	-24,689	-10,337	4,408	-24,776	-10,429	4,305	4,296
	Dry (D)	0	8,813	39,094	43,313	8,717	38,995	43,201	43,192
	Critical (C)	0	16,380	26,903	35,873	16,299	26,818	35,774	35,766

Comparison of Simulated Streamflows: Difference between Inflows and Outflows from Sacramento River at Bowman Subbasin Boundary
Bowman Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	19,878	19,829	18,463	17,625	19,801	18,438	17,586	17,583
	November	23,759	24,370	25,194	21,795	24,371	25,194	21,786	21,783
	December	42,395	41,927	46,203	50,015	41,944	46,221	50,032	50,029
	January	52,389	54,309	60,295	72,311	54,321	60,307	72,321	72,319
	February	52,872	57,439	62,062	74,123	57,447	62,069	74,129	74,125
	March	48,855	50,179	55,282	59,526	50,170	55,273	59,512	59,509
	April	40,958	44,502	45,012	42,903	44,482	44,988	42,872	42,869
	May	39,600	42,426	40,845	34,703	42,400	40,815	34,668	34,665
	June	30,110	31,033	28,270	25,306	30,999	28,231	25,263	25,260
	July	20,387	21,008	21,140	20,978	20,973	21,102	20,936	20,933
	August	17,028	17,556	17,584	17,750	17,520	17,546	17,709	17,706
	September	17,470	17,709	17,951	18,023	17,669	17,911	17,976	17,973
Average Annual Flow (acre-feet/year)	TOTAL	33,808	35,191	36,525	37,921	35,175	36,508	37,899	37,896
	Wet (W)	49,928	48,843	50,705	53,162	48,834	50,694	53,147	53,144
	Above Normal (AN)	36,049	36,862	37,294	38,439	36,849	37,283	38,418	38,415
	Below Normal (BN)	30,776	29,428	30,679	31,744	29,408	30,657	31,716	31,713
	Dry (D)	26,030	26,001	27,596	27,990	25,979	27,573	27,963	27,960
	Critical (C)	21,827	21,752	22,593	23,389	21,729	22,568	23,360	23,357

Comparison of Simulated Streamflows: Difference between Inflows and Outflows from Sacramento River at Bowman Subbasin Boundary as Percentage of Total Outflow, Bowman Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%
	November	5.6%	5.6%	5.7%	5.7%	5.6%	5.7%	5.7%	5.7%
	December	6.7%	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%
	January	6.0%	6.3%	6.2%	6.1%	6.3%	6.2%	6.1%	6.1%
	February	5.4%	5.5%	5.5%	5.3%	5.5%	5.5%	5.3%	5.3%
	March	5.3%	4.8%	4.9%	4.8%	4.8%	4.9%	4.8%	4.8%
	April	6.2%	6.1%	6.1%	6.0%	6.1%	6.1%	6.0%	6.0%
	May	5.2%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%
	June	3.8%	3.8%	3.8%	3.7%	3.8%	3.8%	3.7%	3.7%
	July	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%
	August	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%	2.3%
	September	3.2%	3.1%	3.1%	3.1%	3.1%	3.1%	3.1%	3.1%
Average Annual Flow (acre-feet/year)	TOTAL	4.7%	4.7%	4.7%	4.7%	4.7%	4.7%	4.7%	4.7%
	Wet (W)	4.8%	4.8%	4.8%	4.7%	4.8%	4.8%	4.7%	4.7%
	Above Normal (AN)	4.7%	4.8%	4.8%	4.8%	4.8%	4.8%	4.8%	4.8%
	Below Normal (BN)	4.9%	4.8%	4.9%	5.0%	4.8%	4.9%	5.0%	5.0%
	Dry (D)	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%
	Critical (C)	4.7%	4.5%	4.6%	4.6%	4.5%	4.6%	4.6%	4.6%

Comparison of Simulated Streamflows: Inflow from Sacramento River at Los Molinos Subbasin Boundary
Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	464,510	466,143	430,681	410,239	464,475	428,944	408,370	408,299
	November	455,194	458,835	472,472	404,740	457,413	470,994	403,097	403,139
	December	696,581	678,368	748,948	812,786	677,188	747,723	811,474	811,519
	January	972,367	954,504	1,071,400	1,315,398	953,238	1,070,051	1,313,938	1,313,998
	February	1,070,534	1,148,353	1,246,036	1,535,266	1,146,966	1,244,560	1,533,655	1,533,700
	March	992,846	1,104,857	1,212,762	1,316,590	1,103,370	1,211,206	1,314,888	1,314,944
	April	693,706	763,580	773,411	742,848	762,086	771,830	741,136	741,100
	May	769,755	770,440	741,148	627,633	768,936	739,568	625,929	625,659
	June	764,708	787,492	723,693	659,803	785,918	722,046	658,047	657,675
	July	814,606	832,896	848,733	851,800	831,265	847,026	849,976	849,685
	August	711,680	739,125	742,632	758,266	737,420	740,850	756,368	756,188
	September	548,484	564,117	574,605	579,297	562,368	572,772	577,328	577,266
Average Annual Flow (acre-feet/year)	TOTAL	746,248	772,392	798,877	834,556	770,887	797,298	832,851	832,764
	Wet (W)	1,098,421	1,053,297	1,097,481	1,174,462	1,051,891	1,096,000	1,172,859	1,172,703
	Above Normal (AN)	800,375	806,030	811,115	837,055	804,532	809,530	835,342	835,240
	Below Normal (BN)	653,062	623,456	639,722	655,836	621,897	638,090	654,066	653,863
	Dry (D)	599,250	606,407	638,545	643,130	604,866	636,940	641,403	641,399
	Critical (C)	484,394	496,860	508,529	518,359	495,239	506,838	516,543	516,601

Change in Simulated Streamflows as compared to Historical Scenario: Inflow from Sacramento River at Los Molinos Subbasin Boundary
Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	1,633	-33,830	-54,271	-36	-35,566	-56,141	-56,212
	November	0	3,640	17,277	-50,454	2,218	15,800	-52,098	-52,055
	December	0	-18,213	52,368	116,206	-19,393	51,142	114,893	114,938
	January	0	-17,864	99,033	343,031	-19,129	97,684	341,571	341,631
	February	0	77,820	175,502	464,732	76,432	174,027	463,122	463,166
	March	0	112,011	219,916	323,744	110,524	218,360	322,042	322,098
	April	0	69,874	79,705	49,142	68,380	78,124	47,430	47,394
	May	0	686	-28,606	-142,122	-818	-30,187	-143,825	-144,096
	June	0	22,783	-41,016	-104,905	21,210	-42,663	-106,661	-107,034
	July	0	18,290	34,127	37,194	16,658	32,420	35,370	35,079
	August	0	27,445	30,952	46,587	25,740	29,171	44,688	44,508
	September	0	15,633	26,121	30,813	13,884	24,288	28,844	28,782
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	26,145	52,629	88,308	24,639	51,050	86,603	86,517
	Wet (W)	0	-45,123	-939	76,042	-46,529	-2,421	74,439	74,283
	Above Normal (AN)	0	5,655	10,740	36,680	4,157	9,155	34,967	34,865
	Below Normal (BN)	0	-29,606	-13,340	2,774	-31,165	-14,972	1,004	801
	Dry (D)	0	7,157	39,295	43,880	5,616	37,690	42,153	42,149
	Critical (C)	0	12,467	24,135	33,966	10,845	22,444	32,149	32,207

Comparison of Simulated Streamflows: Outflow from Antelope Creek Group to Sacramento River
Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	7,567	7,329	6,921	6,560	7,164	6,768	6,396	6,396
	November	9,937	9,813	10,143	8,945	9,655	9,976	8,775	8,777
	December	22,739	21,538	23,618	25,615	21,359	23,426	25,410	25,414
	January	30,316	29,817	33,316	39,921	29,625	33,113	39,699	39,706
	February	31,338	33,597	36,332	43,489	33,406	36,130	43,269	43,277
	March	27,974	28,085	30,909	33,275	27,897	30,708	33,056	33,065
	April	21,289	22,713	23,107	22,061	22,529	22,912	21,855	21,865
	May	16,834	17,926	17,486	15,287	17,742	17,294	15,088	15,096
	June	11,265	11,457	10,764	9,867	11,278	10,580	9,678	9,682
	July	7,980	7,908	7,990	7,862	7,733	7,808	7,671	7,673
	August	6,519	6,468	6,552	6,518	6,302	6,380	6,339	6,339
	September	6,111	6,010	6,138	6,055	5,850	5,969	5,883	5,883
Average Annual Flow (acre-feet/year)	TOTAL	16,656	16,889	17,773	18,788	16,712	17,589	18,593	18,598
	Wet (W)	25,695	24,307	25,632	27,489	24,123	25,438	27,285	27,291
	Above Normal (AN)	18,367	18,348	18,839	19,855	18,164	18,647	19,652	19,656
	Below Normal (BN)	15,560	14,004	14,772	15,446	13,829	14,590	15,252	15,257
	Dry (D)	12,050	11,872	12,723	12,946	11,699	12,544	12,757	12,762
	Critical (C)	9,420	9,047	9,527	9,976	8,884	9,357	9,799	9,800

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from Antelope Creek Group to Sacramento River
Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	-238	-646	-1,007	-403	-799	-1,171	-1,171
	November	0	-124	206	-992	-282	40	-1,162	-1,160
	December	0	-1,201	878	2,875	-1,380	686	2,671	2,675
	January	0	-499	3,000	9,605	-691	2,797	9,383	9,390
	February	0	2,259	4,994	12,151	2,068	4,792	11,931	11,939
	March	0	111	2,935	5,301	-77	2,733	5,081	5,091
	April	0	1,424	1,818	772	1,240	1,623	566	576
	May	0	1,093	653	-1,547	908	460	-1,746	-1,738
	June	0	192	-501	-1,398	13	-685	-1,587	-1,583
	July	0	-72	10	-118	-247	-172	-309	-307
	August	0	-51	32	-1	-218	-139	-181	-180
	September	0	-102	27	-56	-261	-143	-229	-228
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	233	1,117	2,132	56	933	1,937	1,942
	Wet (W)	0	-1,388	-63	1,794	-1,572	-257	1,589	1,596
	Above Normal (AN)	0	-19	472	1,488	-204	280	1,284	1,289
	Below Normal (BN)	0	-1,557	-789	-114	-1,731	-970	-309	-304
	Dry (D)	0	-178	673	896	-352	494	707	712
	Critical (C)	0	-373	107	556	-536	-63	380	380

Comparison of Simulated Streamflows: Outflow from Mill Creek to Sacramento River
Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	4,061	3,945	3,363	3,015	3,886	3,302	2,950	2,957
	November	9,527	9,437	9,697	8,254	9,379	9,637	8,193	8,199
	December	22,467	21,383	23,461	25,837	21,323	23,399	25,771	25,778
	January	27,814	27,535	30,935	37,814	27,473	30,870	37,745	37,752
	February	30,385	31,979	34,717	42,457	31,917	34,652	42,387	42,395
	March	29,741	30,029	33,212	36,212	29,969	33,149	36,145	36,153
	April	21,537	23,516	23,937	22,786	23,456	23,877	22,724	22,731
	May	19,628	21,279	20,087	16,088	21,221	20,024	16,022	16,027
	June	13,570	14,241	12,298	10,357	14,174	12,234	10,291	10,299
	July	5,826	5,861	5,871	5,783	5,801	5,804	5,715	5,722
	August	2,648	2,702	2,708	2,812	2,637	2,643	2,748	2,754
	September	1,990	1,997	2,128	2,185	1,936	2,066	2,124	2,132
Average Annual Flow (acre-feet/year)	TOTAL	15,766	16,159	16,868	17,800	16,098	16,805	17,735	17,742
	Wet (W)	25,138	23,839	24,837	26,536	23,776	24,772	26,467	26,475
	Above Normal (AN)	17,902	18,227	18,304	18,949	18,163	18,239	18,882	18,889
	Below Normal (BN)	14,925	13,264	13,948	14,680	13,203	13,883	14,615	14,622
	Dry (D)	10,748	10,597	11,540	11,799	10,534	11,476	11,734	11,741
	Critical (C)	8,021	7,918	8,358	8,855	7,864	8,301	8,796	8,802

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from Mill Creek to Sacramento River
Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	-116	-698	-1,046	-175	-758	-1,110	-1,104
	November	0	-90	170	-1,273	-149	110	-1,334	-1,328
	December	0	-1,085	994	3,370	-1,144	932	3,303	3,310
	January	0	-279	3,120	10,000	-341	3,055	9,930	9,938
	February	0	1,594	4,332	12,072	1,532	4,267	12,002	12,010
	March	0	288	3,471	6,471	228	3,408	6,404	6,411
	April	0	1,979	2,400	1,250	1,920	2,341	1,187	1,195
	May	0	1,651	459	-3,540	1,593	395	-3,606	-3,601
	June	0	672	-1,272	-3,213	605	-1,335	-3,279	-3,271
	July	0	35	45	-43	-25	-22	-111	-104
	August	0	54	60	164	-11	-5	101	106
	September	0	7	138	195	-55	76	134	142
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	393	1,102	2,034	332	1,039	1,968	1,975
	Wet (W)	0	-1,299	-301	1,398	-1,361	-366	1,330	1,338
	Above Normal (AN)	0	326	402	1,048	262	337	980	988
	Below Normal (BN)	0	-1,662	-978	-245	-1,722	-1,042	-310	-304
	Dry (D)	0	-151	792	1,051	-213	728	986	993
	Critical (C)	0	-102	337	834	-157	281	776	782

Comparison of Simulated Streamflows: Outflow from Deer Creek Group to Sacramento River
Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	3,976	2,680	2,282	1,945	2,585	2,183	1,845	1,850
	November	6,795	5,579	5,713	4,512	5,475	5,605	4,403	4,408
	December	19,838	17,177	18,996	21,312	17,050	18,857	21,165	21,171
	January	29,326	26,358	30,458	38,315	26,218	30,307	38,145	38,153
	February	33,680	34,256	37,572	47,431	34,105	37,415	47,259	47,268
	March	32,554	31,272	34,848	38,327	31,122	34,690	38,149	38,159
	April	24,360	25,465	25,809	24,507	25,320	25,659	24,351	24,363
	May	16,144	15,670	14,741	11,574	15,548	14,614	11,440	11,448
	June	7,282	6,400	5,393	4,204	6,295	5,289	4,101	4,107
	July	3,728	2,606	2,546	2,369	2,522	2,459	2,279	2,284
	August	2,836	1,778	1,723	1,638	1,696	1,638	1,556	1,560
	September	2,818	1,733	1,722	1,614	1,669	1,641	1,530	1,534
Average Annual Flow (acre-feet/year)	TOTAL	15,278	14,248	15,150	16,479	14,134	15,030	16,352	16,359
	Wet (W)	27,788	24,112	25,663	28,332	23,988	25,531	28,188	28,196
	Above Normal (AN)	16,210	14,737	15,187	16,346	14,620	15,061	16,216	16,223
	Below Normal (BN)	12,939	10,256	10,956	11,772	10,136	10,834	11,645	11,653
	Dry (D)	9,368	7,712	8,489	8,724	7,610	8,382	8,610	8,618
	Critical (C)	6,340	4,826	5,132	5,512	4,725	5,025	5,404	5,408

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from Deer Creek Group to Sacramento River
Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	-1,297	-1,695	-2,031	-1,391	-1,793	-2,132	-2,126
	November	0	-1,216	-1,082	-2,283	-1,321	-1,190	-2,393	-2,388
	December	0	-2,661	-842	1,474	-2,788	-980	1,327	1,334
	January	0	-2,968	1,132	8,990	-3,108	982	8,819	8,828
	February	0	576	3,892	13,751	425	3,735	13,579	13,588
	March	0	-1,282	2,294	5,774	-1,432	2,136	5,595	5,605
	April	0	1,105	1,449	147	960	1,299	-9	3
	May	0	-474	-1,403	-4,571	-596	-1,530	-4,704	-4,696
	June	0	-882	-1,890	-3,078	-987	-1,993	-3,181	-3,175
	July	0	-1,122	-1,182	-1,359	-1,206	-1,269	-1,449	-1,444
	August	0	-1,058	-1,114	-1,199	-1,140	-1,199	-1,280	-1,276
	September	0	-1,085	-1,096	-1,204	-1,149	-1,176	-1,288	-1,284
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	-1,030	-128	1,201	-1,144	-248	1,074	1,081
	Wet (W)	0	-3,676	-2,126	544	-3,800	-2,257	400	408
	Above Normal (AN)	0	-1,473	-1,023	136	-1,591	-1,150	5	13
	Below Normal (BN)	0	-2,683	-1,983	-1,167	-2,803	-2,105	-1,294	-1,287
	Dry (D)	0	-1,657	-879	-644	-1,758	-986	-758	-750
	Critical (C)	0	-1,514	-1,208	-829	-1,615	-1,315	-936	-932

Comparison of Simulated Streamflows: Outflow from Dye Creek to Sacramento River
Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	1,200	1,204	1,106	1,051	1,204	1,106	1,051	1,051
	November	1,608	1,611	1,661	1,404	1,610	1,661	1,404	1,404
	December	4,013	3,829	4,224	4,686	3,828	4,223	4,685	4,685
	January	5,020	4,982	5,635	6,958	4,980	5,633	6,955	6,955
	February	5,535	5,840	6,366	7,872	5,837	6,363	7,868	7,868
	March	5,483	5,558	6,167	6,752	5,556	6,164	6,750	6,750
	April	4,708	5,111	5,194	4,972	5,108	5,192	4,969	4,969
	May	4,696	5,025	4,800	4,044	5,022	4,797	4,042	4,042
	June	3,486	3,634	3,263	2,894	3,632	3,261	2,893	2,893
	July	1,974	1,999	2,005	1,997	1,998	2,004	1,996	1,996
	August	1,244	1,275	1,278	1,307	1,275	1,278	1,307	1,307
	September	1,075	1,100	1,121	1,134	1,099	1,121	1,134	1,134
Average Annual Flow (acre-feet/year)	TOTAL	3,337	3,431	3,568	3,756	3,429	3,567	3,754	3,755
	Wet (W)	5,140	4,890	5,084	5,422	4,886	5,080	5,419	5,419
	Above Normal (AN)	3,730	3,823	3,838	3,964	3,821	3,837	3,964	3,964
	Below Normal (BN)	3,192	2,897	3,029	3,178	2,897	3,029	3,177	3,177
	Dry (D)	2,384	2,380	2,562	2,618	2,379	2,562	2,618	2,618
	Critical (C)	1,835	1,849	1,935	2,039	1,849	1,935	2,039	2,039

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from Dye Creek to Sacramento River
Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	4	-94	-149	4	-94	-149	-149
	November	0	3	53	-204	2	53	-205	-205
	December	0	-183	212	674	-184	211	673	673
	January	0	-38	615	1,938	-40	613	1,936	1,936
	February	0	304	831	2,337	302	827	2,332	2,333
	March	0	76	684	1,269	73	681	1,267	1,267
	April	0	403	486	264	400	484	261	261
	May	0	329	104	-652	326	101	-654	-654
	June	0	148	-224	-592	146	-225	-593	-593
	July	0	25	31	23	24	30	22	22
	August	0	31	34	63	30	34	62	62
	September	0	25	47	59	25	46	59	59
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	94	232	419	92	230	418	418
	Wet (W)	0	-251	-57	282	-254	-60	279	279
	Above Normal (AN)	0	93	108	235	92	107	234	234
	Below Normal (BN)	0	-295	-163	-15	-295	-164	-15	-15
	Dry (D)	0	-4	178	234	-5	177	233	233
	Critical (C)	0	14	100	204	14	100	204	204

Comparison of Simulated Streamflows: Outflow from Sacramento River at Los Molinos Subbasin Boundary
Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	483,069	480,968	444,186	422,490	479,016	442,133	420,274	420,246
	November	487,650	489,572	504,608	431,310	487,993	502,996	429,479	429,570
	December	804,234	777,739	859,451	935,779	776,484	858,161	934,427	934,159
	January	1,129,345	1,104,038	1,240,930	1,522,474	1,102,485	1,239,259	1,520,674	1,520,574
	February	1,242,161	1,335,957	1,449,900	1,781,923	1,334,098	1,447,906	1,779,731	1,779,595
	March	1,140,145	1,251,927	1,376,054	1,493,588	1,249,860	1,373,886	1,491,216	1,491,467
	April	797,033	874,706	885,330	849,108	872,623	883,137	846,757	846,825
	May	849,232	851,061	818,106	689,734	849,106	816,052	687,547	687,366
	June	806,395	826,846	758,431	688,878	824,889	756,406	686,750	686,449
	July	836,285	851,564	867,316	869,582	849,630	865,281	867,434	867,202
	August	727,595	752,219	755,491	770,793	750,185	753,388	768,567	768,436
	September	562,570	575,636	586,175	590,418	573,515	583,951	588,054	588,039
Average Annual Flow (acre-feet/year)	TOTAL	822,143	847,686	878,832	920,507	845,824	876,880	918,409	918,327
	Wet (W)	1,226,147	1,173,104	1,224,620	1,312,228	1,171,303	1,222,720	1,310,175	1,309,916
	Above Normal (AN)	894,016	894,053	901,811	933,710	892,158	899,812	931,563	931,539
	Below Normal (BN)	718,008	675,378	695,144	715,249	673,494	693,180	713,138	712,998
	Dry (D)	645,848	650,910	687,753	694,212	649,013	685,778	692,099	692,171
	Critical (C)	519,660	527,193	540,880	553,511	525,287	538,895	551,391	551,492

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from Sacramento River at Los Molinos Subbasin Boundary
Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	-2,101	-38,883	-60,579	-4,053	-40,937	-62,796	-62,823
	November	0	1,922	16,958	-56,340	342	15,346	-58,171	-58,080
	December	0	-26,495	55,217	131,545	-27,750	53,927	130,193	129,925
	January	0	-25,308	111,585	393,128	-26,860	109,914	391,328	391,229
	February	0	93,796	207,738	539,762	91,936	205,745	537,570	537,433
	March	0	111,782	235,909	353,443	109,715	233,741	351,071	351,323
	April	0	77,673	88,298	52,075	75,590	86,104	49,724	49,792
	May	0	1,830	-31,126	-159,498	-126	-33,180	-161,685	-161,866
	June	0	20,450	-47,964	-117,517	18,494	-49,990	-119,646	-119,946
	July	0	15,280	31,032	33,297	13,345	28,997	31,150	30,917
	August	0	24,625	27,896	43,199	22,590	25,793	40,973	40,841
	September	0	13,067	23,606	27,849	10,945	21,381	25,484	25,469
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	25,543	56,689	98,364	23,681	54,737	96,266	96,185
	Wet (W)	0	-53,044	-1,528	86,081	-54,844	-3,427	84,028	83,768
	Above Normal (AN)	0	37	7,795	39,694	-1,858	5,797	37,548	37,523
	Below Normal (BN)	0	-42,629	-22,864	-2,758	-44,514	-24,828	-4,870	-5,010
	Dry (D)	0	5,062	41,905	48,364	3,165	39,930	46,251	46,322
	Critical (C)	0	7,532	21,220	33,851	5,627	19,234	31,731	31,832

Comparison of Simulated Streamflows: Difference between Inflows and Outflows from Sacramento River at Los Molinos Subbasin Boundary
Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	18,559	14,825	13,505	12,251	14,541	13,188	11,904	11,948
	November	32,456	30,738	32,137	26,570	30,580	32,002	26,382	26,431
	December	107,654	99,372	110,503	122,993	99,296	110,438	122,953	122,640
	January	156,978	149,534	169,530	207,076	149,247	169,208	206,736	206,576
	February	171,628	187,604	203,864	246,657	187,132	203,346	246,076	245,895
	March	147,299	147,070	163,292	176,998	146,490	162,679	176,328	176,524
	April	103,327	111,126	111,919	106,260	110,537	111,307	105,620	105,725
	May	79,477	80,621	76,958	62,101	80,169	76,484	61,618	61,707
	June	41,687	39,354	34,739	29,075	38,971	34,360	28,702	28,775
	July	21,678	18,668	18,583	17,781	18,365	18,256	17,458	17,517
	August	15,915	13,094	12,859	12,527	12,765	12,538	12,200	12,248
	September	14,085	11,519	11,570	11,122	11,146	11,179	10,726	10,773
Average Annual Flow (acre-feet/year)	TOTAL	75,895	75,294	79,955	85,951	74,937	79,582	85,558	85,563
	Wet (W)	127,727	119,806	127,138	137,765	119,412	126,721	137,316	137,212
	Above Normal (AN)	93,640	88,023	90,695	96,654	87,625	90,283	96,221	96,299
	Below Normal (BN)	64,946	51,922	55,422	59,413	51,597	55,090	59,071	59,135
	Dry (D)	46,598	44,503	49,208	51,081	44,147	48,838	50,696	50,771
	Critical (C)	35,267	30,332	32,352	35,152	30,048	32,057	34,848	34,891

Comparison of Simulated Streamflows: Difference between Inflows and Outflows from Sacramento River at Los Molinos Subbasin Boundary as Percentage of Total Outflow, Los Molinos Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	3.8%	3.1%	3.0%	2.9%	3.0%	3.0%	2.8%	2.8%
	November	6.7%	6.3%	6.4%	6.2%	6.3%	6.4%	6.1%	6.2%
	December	13.4%	12.8%	12.9%	13.1%	12.8%	12.9%	13.2%	13.1%
	January	13.9%	13.5%	13.7%	13.6%	13.5%	13.7%	13.6%	13.6%
	February	13.8%	14.0%	14.1%	13.8%	14.0%	14.0%	13.8%	13.8%
	March	12.9%	11.7%	11.9%	11.9%	11.7%	11.8%	11.8%	11.8%
	April	13.0%	12.7%	12.6%	12.5%	12.7%	12.6%	12.5%	12.5%
	May	9.4%	9.5%	9.4%	9.0%	9.4%	9.4%	9.0%	9.0%
	June	5.2%	4.8%	4.6%	4.2%	4.7%	4.5%	4.2%	4.2%
	July	2.6%	2.2%	2.1%	2.0%	2.2%	2.1%	2.0%	2.0%
	August	2.2%	1.7%	1.7%	1.6%	1.7%	1.7%	1.6%	1.6%
	September	2.5%	2.0%	2.0%	1.9%	1.9%	1.9%	1.8%	1.8%
Average Annual Flow (acre-feet/year)	TOTAL	9.2%	8.9%	9.1%	9.3%	8.9%	9.1%	9.3%	9.3%
	Wet (W)	10.4%	10.2%	10.4%	10.5%	10.2%	10.4%	10.5%	10.5%
	Above Normal (AN)	10.5%	9.8%	10.1%	10.4%	9.8%	10.0%	10.3%	10.3%
	Below Normal (BN)	9.0%	7.7%	8.0%	8.3%	7.7%	7.9%	8.3%	8.3%
	Dry (D)	7.2%	6.8%	7.2%	7.4%	6.8%	7.1%	7.3%	7.3%
	Critical (C)	6.8%	5.8%	6.0%	6.4%	5.7%	5.9%	6.3%	6.3%

Comparison of Simulated Streamflows: Inflow from Sacramento River at Red Bluff Subbasin Boundary
Red Bluff Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	451,306	454,859	420,168	400,833	454,790	420,106	400,769	400,763
	November	427,866	431,891	444,497	380,438	431,859	444,454	380,384	380,375
	December	628,464	614,334	678,697	737,309	614,284	678,641	737,241	737,226
	January	875,094	859,088	966,471	1,192,523	859,020	966,393	1,192,426	1,192,413
	February	980,184	1,047,984	1,138,606	1,410,739	1,047,885	1,138,496	1,410,613	1,410,596
	March	923,753	1,037,877	1,139,152	1,239,118	1,037,749	1,139,016	1,238,960	1,238,945
	April	661,350	729,284	738,917	710,844	729,155	738,776	710,689	710,676
	May	768,135	768,794	739,947	630,586	768,678	739,825	630,453	630,443
	June	783,687	809,779	746,726	684,282	809,670	746,613	684,162	684,153
	July	843,831	865,548	881,526	885,426	865,462	881,435	885,328	885,321
	August	728,025	758,324	761,908	778,281	758,248	761,827	778,199	778,193
	September	546,976	564,340	574,857	580,247	564,263	574,777	580,145	580,139
Average Annual Flow (acre-feet/year)	TOTAL	718,223	745,175	769,289	802,552	745,088	769,197	802,447	802,437
	Wet (W)	1,049,537	1,007,769	1,048,224	1,120,738	1,007,685	1,048,134	1,120,634	1,120,622
	Above Normal (AN)	767,426	774,433	777,776	800,674	774,345	777,675	800,564	800,553
	Below Normal (BN)	632,200	607,511	621,863	636,608	607,424	621,770	636,505	636,496
	Dry (D)	585,920	594,733	625,014	629,233	594,637	624,914	629,121	629,112
	Critical (C)	467,409	483,788	494,312	503,281	483,708	494,227	503,183	503,174

Change in Simulated Streamflows as compared to Historical Scenario: Inflow from Sacramento River at Red Bluff Subbasin Boundary
Red Bluff Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	3,553	-31,138	-50,473	3,484	-31,200	-50,537	-50,543
	November	0	4,025	16,631	-47,428	3,992	16,588	-47,482	-47,491
	December	0	-14,130	50,233	108,845	-14,180	50,177	108,777	108,762
	January	0	-16,006	91,376	317,429	-16,074	91,299	317,332	317,319
	February	0	67,800	158,422	430,555	67,701	158,312	430,429	430,412
	March	0	114,125	215,399	315,365	113,996	215,263	315,207	315,192
	April	0	67,934	77,566	49,494	67,804	77,426	49,338	49,325
	May	0	659	-28,188	-137,549	543	-28,311	-137,682	-137,693
	June	0	26,092	-36,961	-99,405	25,983	-37,074	-99,525	-99,533
	July	0	21,717	37,695	41,595	21,631	37,604	41,497	41,490
	August	0	30,300	33,883	50,256	30,223	33,803	50,174	50,169
	September	0	17,365	27,881	33,272	17,287	27,802	33,170	33,164
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	26,953	51,067	84,330	26,866	50,974	84,225	84,214
	Wet (W)	0	-41,768	-1,313	71,201	-41,852	-1,403	71,097	71,085
	Above Normal (AN)	0	7,007	10,350	33,248	6,919	10,249	33,138	33,127
	Below Normal (BN)	0	-24,689	-10,337	4,408	-24,776	-10,429	4,305	4,296
	Dry (D)	0	8,813	39,094	43,313	8,717	38,995	43,201	43,192
	Critical (C)	0	16,380	26,903	35,873	16,299	26,818	35,774	35,766

Comparison of Simulated Streamflows: Outflow from Elder Creek to Sacramento River
Red Bluff Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	949	627	564	484	540	478	402	411
	November	1,983	1,802	1,882	1,518	1,717	1,799	1,436	1,446
	December	9,879	9,010	10,039	11,326	8,887	9,914	11,207	11,060
	January	16,631	15,478	17,900	21,867	15,297	17,711	21,669	21,580
	February	18,332	20,288	22,101	26,776	20,063	21,862	26,516	26,429
	March	14,980	14,758	16,402	17,835	14,533	16,161	17,582	17,625
	April	8,905	9,521	9,500	8,984	9,321	9,293	8,784	8,811
	May	5,794	5,521	5,289	4,204	5,375	5,141	4,064	4,083
	June	2,347	2,124	1,822	1,445	2,016	1,716	1,347	1,362
	July	912	688	654	587	602	569	508	520
	August	681	459	435	387	381	359	315	326
	September	681	448	424	372	362	340	295	304
Average Annual Flow (acre-feet/year)	TOTAL	6,839	6,727	7,251	7,982	6,591	7,112	7,844	7,830
	Wet (W)	11,754	10,890	11,739	12,965	10,718	11,562	12,785	12,720
	Above Normal (AN)	9,339	8,663	9,063	9,903	8,498	8,895	9,737	9,757
	Below Normal (BN)	5,297	3,849	4,165	4,653	3,742	4,057	4,548	4,561
	Dry (D)	3,790	3,815	4,321	4,585	3,691	4,195	4,463	4,479
	Critical (C)	3,074	2,515	2,700	3,056	2,432	2,616	2,974	2,982

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from Elder Creek to Sacramento River
Red Bluff Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	-322	-385	-464	-408	-471	-547	-537
	November	0	-180	-101	-465	-266	-184	-547	-537
	December	0	-869	160	1,447	-992	35	1,327	1,181
	January	0	-1,152	1,270	5,236	-1,333	1,081	5,038	4,949
	February	0	1,956	3,769	8,444	1,731	3,531	8,184	8,098
	March	0	-222	1,422	2,855	-448	1,181	2,601	2,645
	April	0	616	595	79	416	388	-121	-94
	May	0	-273	-506	-1,590	-420	-653	-1,730	-1,711
	June	0	-223	-525	-901	-331	-631	-1,000	-985
	July	0	-224	-257	-325	-310	-343	-404	-392
	August	0	-222	-246	-294	-300	-322	-366	-355
	September	0	-234	-257	-309	-320	-341	-387	-377
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	-112	412	1,143	-248	272	1,004	990
	Wet (W)	0	-864	-14	1,211	-1,036	-191	1,031	966
	Above Normal (AN)	0	-676	-275	565	-841	-443	398	418
	Below Normal (BN)	0	-1,449	-1,133	-645	-1,555	-1,240	-750	-737
	Dry (D)	0	25	531	795	-99	405	673	689
	Critical (C)	0	-560	-374	-18	-642	-458	-101	-92

Comparison of Simulated Streamflows: Outflow from Thomes Creek to Sacramento River
Red Bluff Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	1,450	1,034	960	855	968	894	794	800
	November	3,285	3,011	3,159	2,449	2,936	3,084	2,372	2,384
	December	27,624	25,538	28,624	32,818	25,415	28,498	32,688	32,391
	January	44,052	42,372	48,916	60,935	42,193	48,722	60,721	60,503
	February	56,204	61,835	67,692	82,958	61,621	67,464	82,700	82,469
	March	46,803	49,958	55,623	60,989	49,739	55,388	60,735	60,812
	April	35,110	39,117	39,303	37,400	38,913	39,090	37,185	37,227
	May	25,515	26,092	24,768	19,438	25,921	24,595	19,279	19,313
	June	8,352	7,852	6,588	4,911	7,740	6,477	4,805	4,827
	July	1,919	1,561	1,505	1,384	1,488	1,433	1,315	1,324
	August	1,392	1,053	1,026	956	988	960	891	897
	September	1,138	817	796	726	751	729	661	667
Average Annual Flow (acre-feet/year)	TOTAL	21,070	21,687	23,247	25,485	21,556	23,111	25,345	25,301
	Wet (W)	36,982	36,440	38,849	42,569	36,275	38,677	42,390	42,232
	Above Normal (AN)	30,811	27,950	28,889	30,873	27,799	28,732	30,713	30,739
	Below Normal (BN)	17,058	12,150	13,168	14,848	12,049	13,064	14,741	14,757
	Dry (D)	10,780	11,526	13,353	14,379	11,402	13,223	14,249	14,272
	Critical (C)	7,536	6,565	7,173	8,402	6,486	7,091	8,317	8,326

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from Thomes Creek to Sacramento River
Red Bluff Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	-417	-490	-596	-482	-556	-657	-651
	November	0	-273	-126	-836	-349	-201	-912	-900
	December	0	-2,087	1,000	5,194	-2,209	874	5,063	4,766
	January	0	-1,680	4,864	16,882	-1,859	4,670	16,669	16,450
	February	0	5,631	11,488	26,754	5,418	11,260	26,497	26,265
	March	0	3,154	8,820	14,185	2,935	8,585	13,932	14,009
	April	0	4,007	4,193	2,290	3,803	3,980	2,075	2,117
	May	0	577	-747	-6,077	406	-920	-6,236	-6,202
	June	0	-501	-1,764	-3,441	-613	-1,876	-3,547	-3,525
	July	0	-358	-414	-534	-430	-485	-603	-595
	August	0	-339	-366	-436	-404	-432	-501	-495
	September	0	-320	-342	-411	-387	-408	-476	-471
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	616	2,176	4,415	486	2,041	4,275	4,231
	Wet (W)	0	-541	1,867	5,587	-707	1,695	5,409	5,250
	Above Normal (AN)	0	-2,861	-1,922	62	-3,012	-2,079	-98	-72
	Below Normal (BN)	0	-4,908	-3,890	-2,209	-5,009	-3,994	-2,317	-2,301
	Dry (D)	0	746	2,573	3,599	622	2,443	3,469	3,492
	Critical (C)	0	-971	-363	866	-1,050	-445	781	790

Comparison of Simulated Streamflows: Outflow from Red Bank Creek to Sacramento River
Red Bluff Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	0	0	0	0	0	0	0	0
	November	16	16	17	14	16	17	14	14
	December	95	89	98	112	89	98	111	111
	January	6,047	5,827	6,802	8,351	5,822	6,794	8,340	8,341
	February	6,670	7,351	8,059	9,928	7,334	8,038	9,903	9,905
	March	5,236	5,406	5,985	6,589	5,385	5,961	6,563	6,565
	April	1,881	2,069	2,083	2,003	2,062	2,076	1,995	1,995
	May	555	549	525	430	546	522	429	429
	June	77	78	67	55	78	67	55	55
	July	5	5	5	5	5	5	5	5
	August	0	0	0	0	0	0	0	0
	September	2	2	2	2	2	2	2	2
Average Annual Flow (acre-feet/year)	TOTAL	1,715	1,783	1,970	2,291	1,778	1,965	2,285	2,285
	Wet (W)	3,038	2,872	3,181	3,718	2,861	3,168	3,704	3,705
	Above Normal (AN)	2,197	2,301	2,463	2,827	2,298	2,460	2,822	2,823
	Below Normal (BN)	1,466	1,060	1,166	1,384	1,059	1,165	1,382	1,382
	Dry (D)	858	988	1,163	1,286	988	1,162	1,286	1,286
	Critical (C)	718	680	736	885	680	736	885	885

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from Red Bank Creek to Sacramento River
Red Bluff Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	0	0	0	0	0	0	0
	November	0	0	1	-2	0	1	-2	-2
	December	0	-6	4	17	-6	3	16	17
	January	0	-220	755	2,304	-224	747	2,293	2,294
	February	0	680	1,388	3,258	664	1,368	3,232	3,235
	March	0	170	750	1,354	149	726	1,327	1,330
	April	0	188	202	121	181	194	114	114
	May	0	-6	-29	-125	-9	-32	-126	-126
	June	0	1	-10	-22	1	-10	-22	-22
	July	0	0	0	0	0	0	0	0
	August	0	0	0	0	0	0	0	0
	September	0	0	0	0	0	0	0	0
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	67	255	575	63	250	569	570
	Wet (W)	0	-166	143	680	-177	130	666	667
	Above Normal (AN)	0	103	265	629	100	262	625	625
	Below Normal (BN)	0	-406	-300	-82	-407	-301	-84	-84
	Dry (D)	0	130	304	428	130	304	427	427
	Critical (C)	0	-38	18	167	-38	18	167	167

Comparison of Simulated Streamflows: Outflow from Sacramento River at Red Bluff Subbasin Boundary
Red Bluff Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	473,033	473,300	436,986	415,857	471,481	435,085	413,800	413,763
	November	473,556	477,067	491,636	420,434	475,618	490,159	418,740	418,822
	December	768,952	746,318	824,686	897,789	745,194	823,538	896,587	896,308
	January	1,077,951	1,056,837	1,187,614	1,457,714	1,055,434	1,186,106	1,456,095	1,455,980
	February	1,189,306	1,279,582	1,388,795	1,708,109	1,277,890	1,386,983	1,706,116	1,705,965
	March	1,093,133	1,207,565	1,326,959	1,440,750	1,205,683	1,324,985	1,438,590	1,438,826
	April	762,890	839,777	850,020	815,528	837,900	848,034	813,406	813,457
	May	824,032	826,972	794,878	670,314	825,183	793,000	668,324	668,125
	June	791,015	813,552	746,171	678,186	811,761	744,320	676,236	675,926
	July	825,101	842,630	858,352	861,038	840,844	856,475	859,053	858,808
	August	718,086	744,839	748,236	763,754	742,942	746,268	761,678	761,538
	September	553,817	568,748	579,355	583,943	566,763	577,281	581,742	581,717
Average Annual Flow (acre-feet/year)	TOTAL	795,906	823,099	852,807	892,785	821,391	851,019	890,864	890,770
	Wet (W)	1,181,698	1,133,840	1,182,972	1,267,214	1,132,195	1,181,241	1,265,346	1,265,074
	Above Normal (AN)	865,660	868,126	874,994	905,051	866,385	873,161	903,090	903,055
	Below Normal (BN)	695,433	656,967	675,596	694,824	655,251	673,806	692,892	692,738
	Dry (D)	628,293	635,974	671,681	677,945	634,227	669,864	676,005	676,061
	Critical (C)	506,631	516,951	530,043	542,154	515,194	528,211	540,191	540,282

Change in Simulated Streamflows as compared to Historical Scenario: Outflow from Sacramento River at Red Bluff Subbasin Boundary
Red Bluff Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Change in Average Monthly Flow (acre-feet/month)	October	0	267	-36,047	-57,176	-1,552	-37,948	-59,233	-59,270
	November	0	3,512	18,080	-53,122	2,063	16,604	-54,816	-54,733
	December	0	-22,634	55,734	128,837	-23,758	54,586	127,635	127,356
	January	0	-21,114	109,664	379,763	-22,517	108,155	378,144	378,029
	February	0	90,276	199,489	518,803	88,585	197,678	516,811	516,659
	March	0	114,432	233,827	347,617	112,550	231,852	345,457	345,693
	April	0	76,888	87,130	52,638	75,010	85,144	50,516	50,567
	May	0	2,940	-29,155	-153,718	1,151	-31,033	-155,708	-155,907
	June	0	22,537	-44,844	-112,829	20,746	-46,695	-114,779	-115,089
	July	0	17,529	33,251	35,937	15,743	31,374	33,952	33,707
	August	0	26,753	30,149	45,668	24,856	28,182	43,591	43,452
	September	0	14,932	25,538	30,126	12,946	23,464	27,925	27,900
Change in Average Annual Flow (acre-feet/year)	TOTAL	0	27,193	56,901	96,879	25,485	55,114	94,958	94,864
	Wet (W)	0	-47,858	1,274	85,516	-49,503	-457	83,648	83,376
	Above Normal (AN)	0	2,466	9,334	39,390	725	7,500	37,430	37,394
	Below Normal (BN)	0	-38,466	-19,838	-610	-40,182	-21,627	-2,541	-2,696
	Dry (D)	0	7,681	43,388	49,653	5,934	41,571	47,713	47,768
	Critical (C)	0	10,321	23,412	35,523	8,563	21,581	33,560	33,652

Comparison of Simulated Streamflows: Difference between Inflows and Outflows from Sacramento River at Red Bluff Subbasin Boundary
Red Bluff Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	21,727	18,441	16,817	15,024	16,691	14,979	13,031	12,999
	November	45,689	45,176	47,139	39,995	43,760	45,705	38,356	38,447
	December	140,488	131,985	145,989	160,480	130,910	144,897	159,346	159,083
	January	202,857	197,749	221,144	265,191	196,414	219,712	263,668	263,567
	February	209,122	231,598	250,189	297,370	230,005	248,488	295,504	295,369
	March	169,380	169,687	187,808	201,632	167,934	185,969	199,630	199,881
	April	101,539	110,493	111,104	104,684	108,745	109,258	102,717	102,781
	May	55,897	58,178	54,930	39,728	56,505	53,175	37,871	37,682
	June	7,328	3,774	-556	-6,095	2,091	-2,293	-7,926	-8,227
	July	-18,730	-22,919	-23,174	-24,388	-24,618	-24,959	-26,275	-26,513
	August	-9,939	-13,486	-13,672	-14,528	-15,306	-15,560	-16,521	-16,656
	September	6,841	4,408	4,499	3,696	2,500	2,503	1,597	1,578
Average Annual Flow (acre-feet/year)	TOTAL	77,683	77,924	83,518	90,232	76,303	81,823	88,416	88,333
	Wet (W)	132,161	126,070	134,748	146,476	124,510	133,106	144,712	144,452
	Above Normal (AN)	98,234	93,693	97,217	104,377	92,040	95,485	102,526	102,502
	Below Normal (BN)	63,234	49,457	53,733	58,216	47,828	52,036	56,387	56,242
	Dry (D)	42,373	41,241	46,667	48,713	39,590	44,950	46,884	46,949
	Critical (C)	39,222	33,163	35,731	38,873	31,487	33,984	37,008	37,108

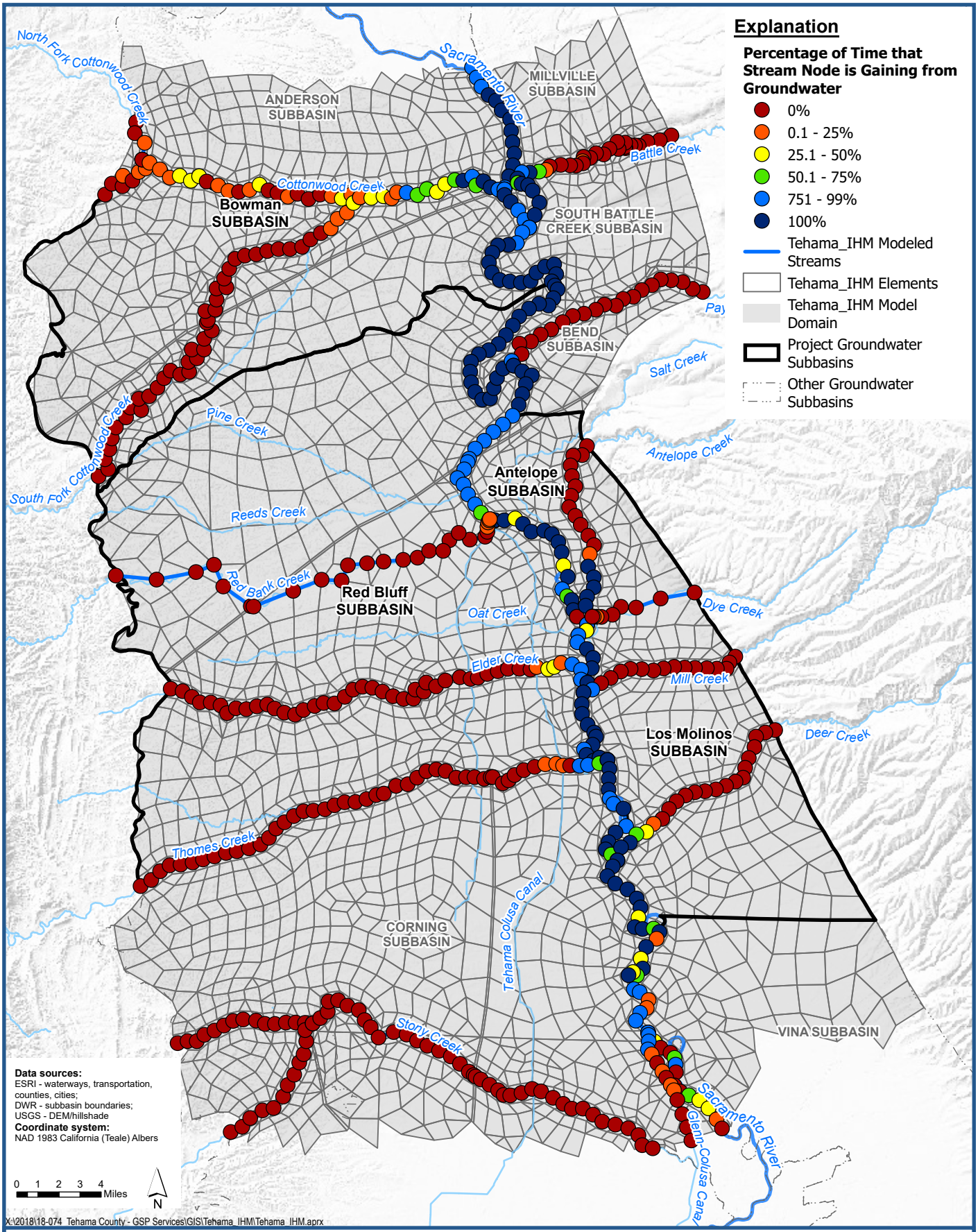
Comparison of Simulated Streamflows: Difference between Inflows and Outflows from Sacramento River at Red Bluff Subbasin Boundary as Percentage of Total Outflow, Red Bluff Subbasin

		Historical	Projected (Current Land Use)	Projected (Current Land Use) with Climate Change (2030)	Projected (Current Land Use) with Climate Change (2070)	Projected (Future Land Use)	Projected (Future Land Use) with Climate Change (2030)	Projected (Future Land Use) with Climate Change (2070)	Projected (Future Land Use) with Projects and Climate Change (2070)
Average Monthly Flow (acre-feet/month)	October	4.6%	3.9%	3.8%	3.6%	3.5%	3.4%	3.1%	3.1%
	November	9.6%	9.5%	9.6%	9.5%	9.2%	9.3%	9.2%	9.2%
	December	18.3%	17.7%	17.7%	17.9%	17.6%	17.6%	17.8%	17.7%
	January	18.8%	18.7%	18.6%	18.2%	18.6%	18.5%	18.1%	18.1%
	February	17.6%	18.1%	18.0%	17.4%	18.0%	17.9%	17.3%	17.3%
	March	15.5%	14.1%	14.2%	14.0%	13.9%	14.0%	13.9%	13.9%
	April	13.3%	13.2%	13.1%	12.8%	13.0%	12.9%	12.6%	12.6%
	May	6.8%	7.0%	6.9%	5.9%	6.8%	6.7%	5.7%	5.6%
	June	0.9%	0.5%	-0.1%	-0.9%	0.3%	-0.3%	-1.2%	-1.2%
	July	-2.3%	-2.7%	-2.7%	-2.8%	-2.9%	-2.9%	-3.1%	-3.1%
	August	-1.4%	-1.8%	-1.8%	-1.9%	-2.1%	-2.1%	-2.2%	-2.2%
	September	1.2%	0.8%	0.8%	0.6%	0.4%	0.4%	0.3%	0.3%
Average Annual Flow (acre-feet/year)	TOTAL	9.8%	9.5%	9.8%	10.1%	9.3%	9.6%	9.9%	9.9%
	Wet (W)	11.2%	11.1%	11.4%	11.6%	11.0%	11.3%	11.4%	11.4%
	Above Normal (AN)	11.3%	10.8%	11.1%	11.5%	10.6%	10.9%	11.4%	11.4%
	Below Normal (BN)	9.1%	7.5%	8.0%	8.4%	7.3%	7.7%	8.1%	8.1%
	Dry (D)	6.7%	6.5%	6.9%	7.2%	6.2%	6.7%	6.9%	6.9%
	Critical (C)	7.7%	6.4%	6.7%	7.2%	6.1%	6.4%	6.9%	6.9%

APPENDIX G-10

Tehama IHM Simulated Streamflows:

Historical Losing/Gaining Streams Maps



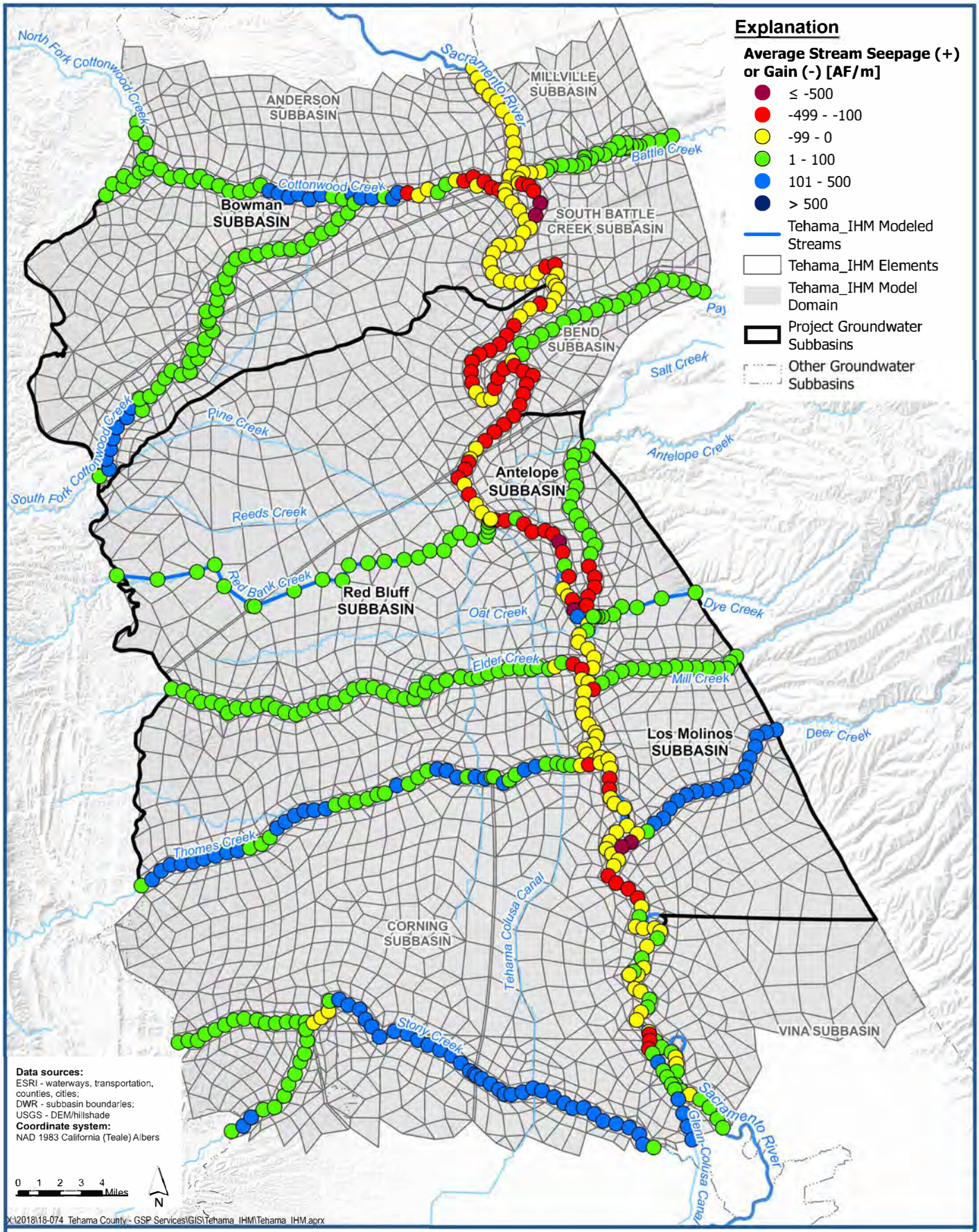
TEHAMA COUNTY

LSCE Team

Tehama IHM Gaining and Losing Streams

Groundwater Sustainability Planning
Tehama County, California

Figure G-2



TEHAMA COUNTY

LSCE Team

Tehama IHM Gaining and Losing Streams

Groundwater Sustainability Planning
Tehama County, California

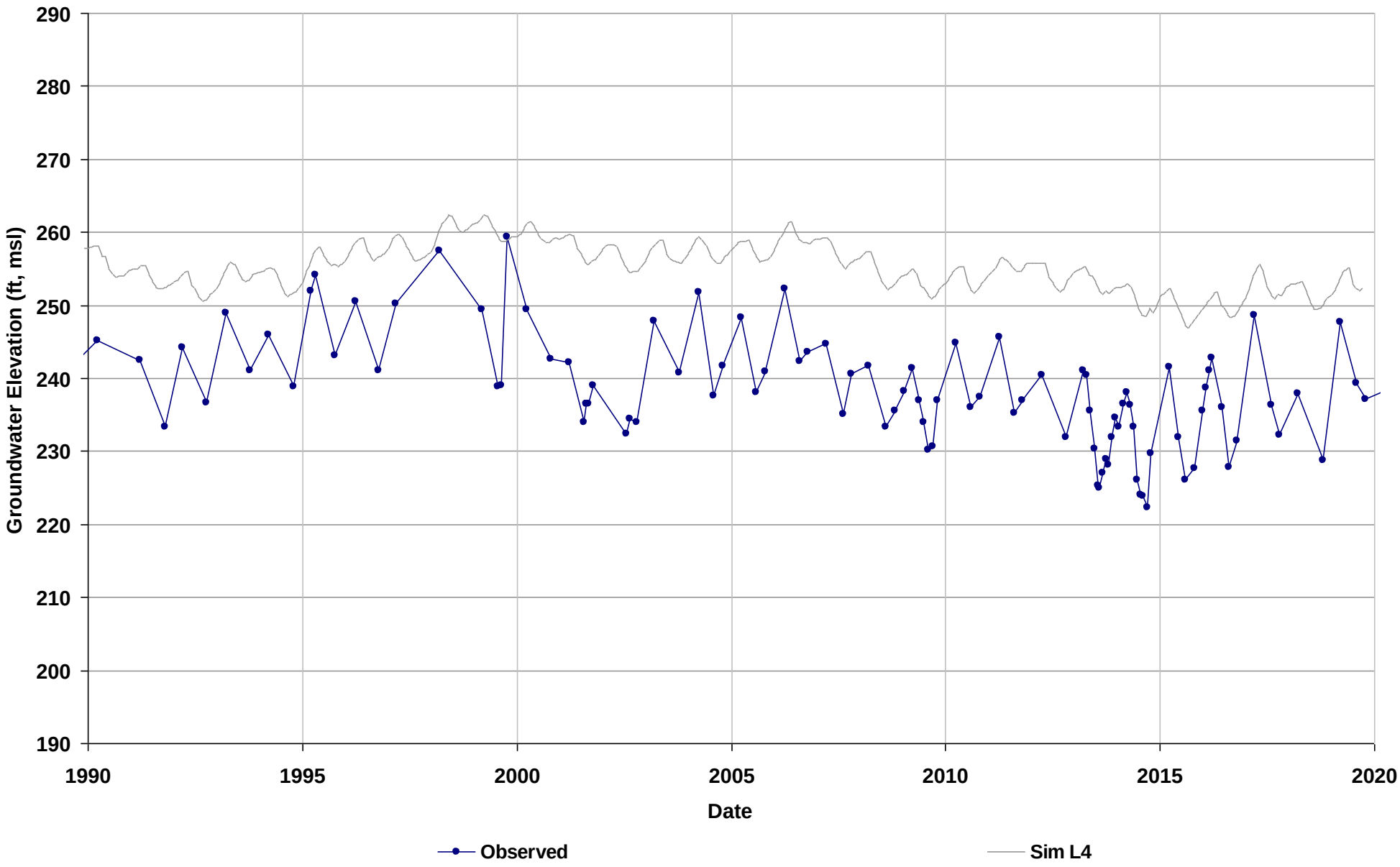
Figure G-3

Appendix H. Tehama IHM Groundwater Calibration Hydrographs

Well Name: 27N03W23D001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 271

Total Depth (ft): 250
Perf Top (ft): 30
Perf Bottom (ft): 155
Top Model Layer: 4
Bottom Model Layer: 4

Average Residual (ft): 15.92

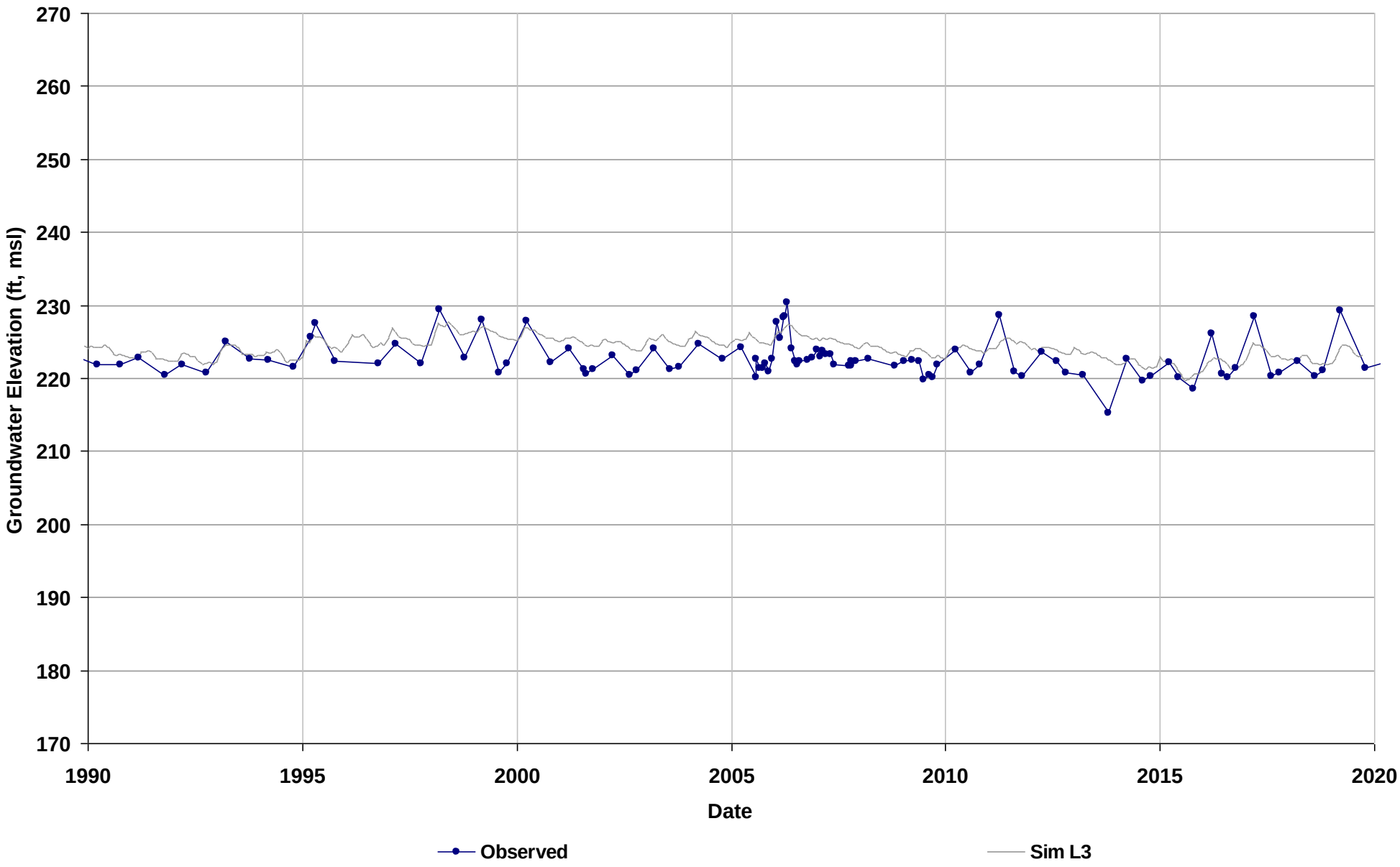


Tehama IHM - Historical

Well Name: 26N02W17E001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 240

Total Depth (ft): 145
Perf Top (ft): 55
Perf Bottom (ft): 145
Top Model Layer: 3
Bottom Model Layer: 3

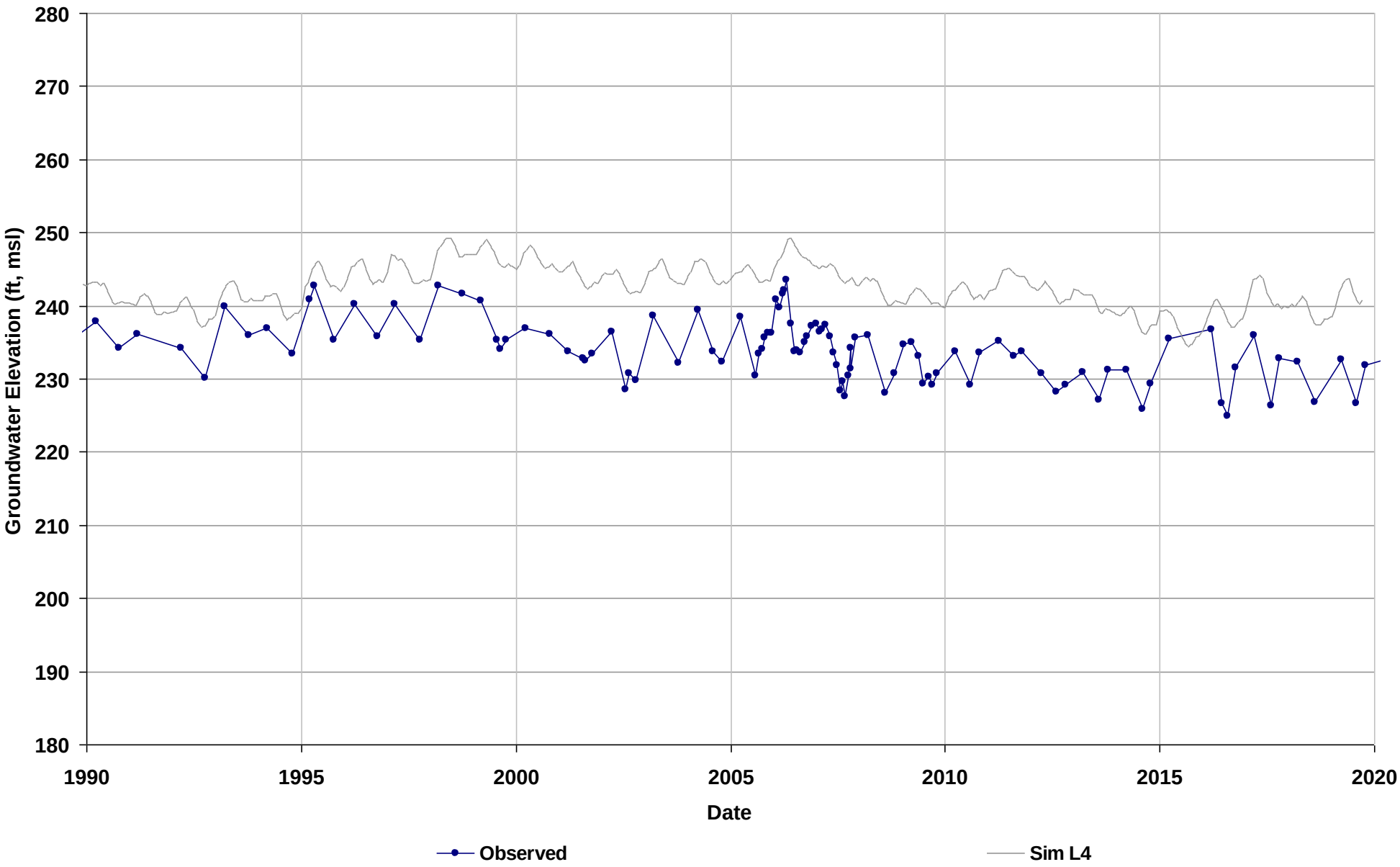
Average Residual (ft): 1.78



Well Name: 27N02W31C001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 263

Total Depth (ft): 540
Perf Top (ft): 40
Perf Bottom (ft): 289
Top Model Layer: 4
Bottom Model Layer: 4

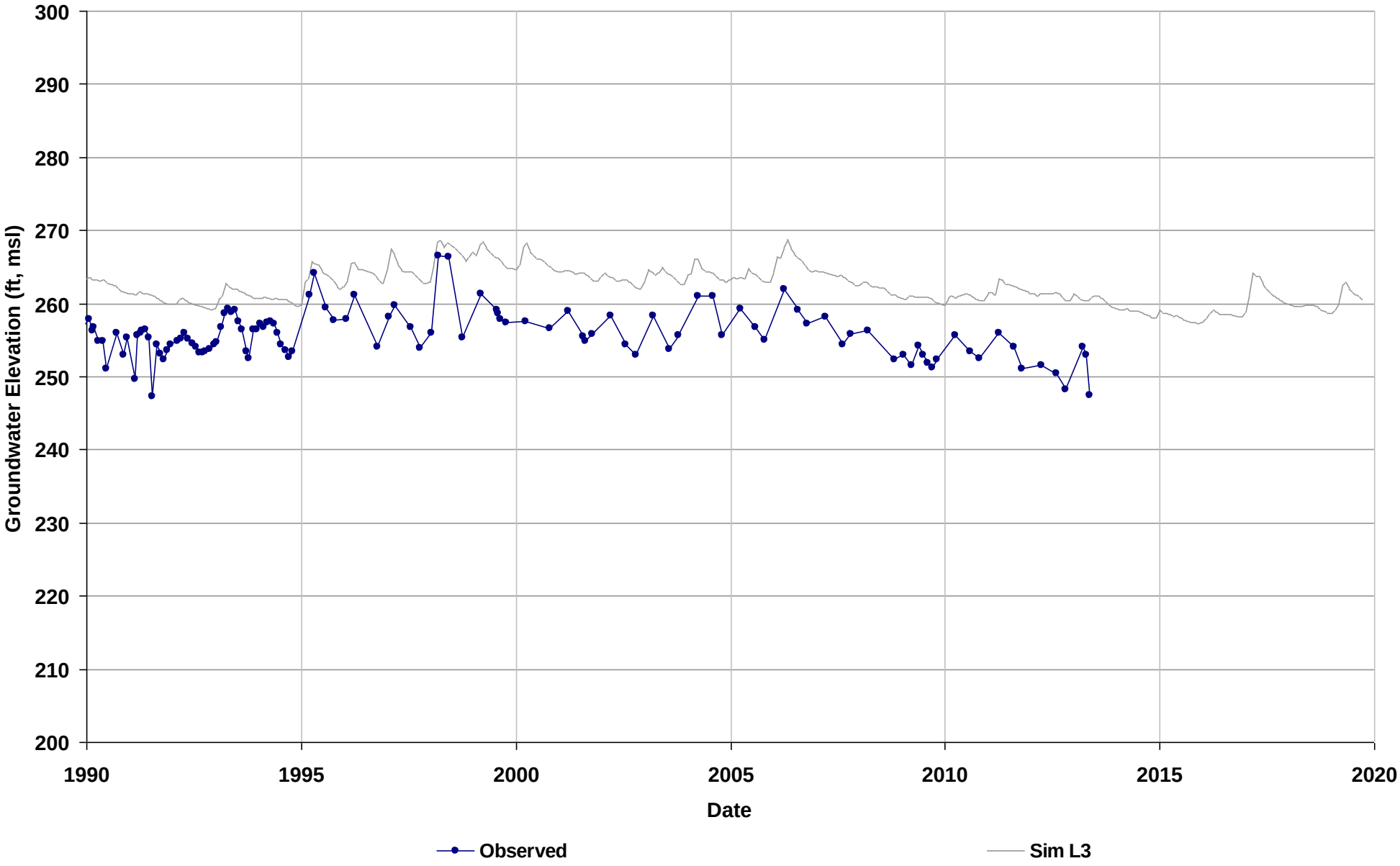
Average Residual (ft): 9.01



Well Name: 27N03W10B001M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 312

Total Depth (ft): 92
Perf Top (ft): 80
Perf Bottom (ft): 92
Top Model Layer: 3
Bottom Model Layer: 3

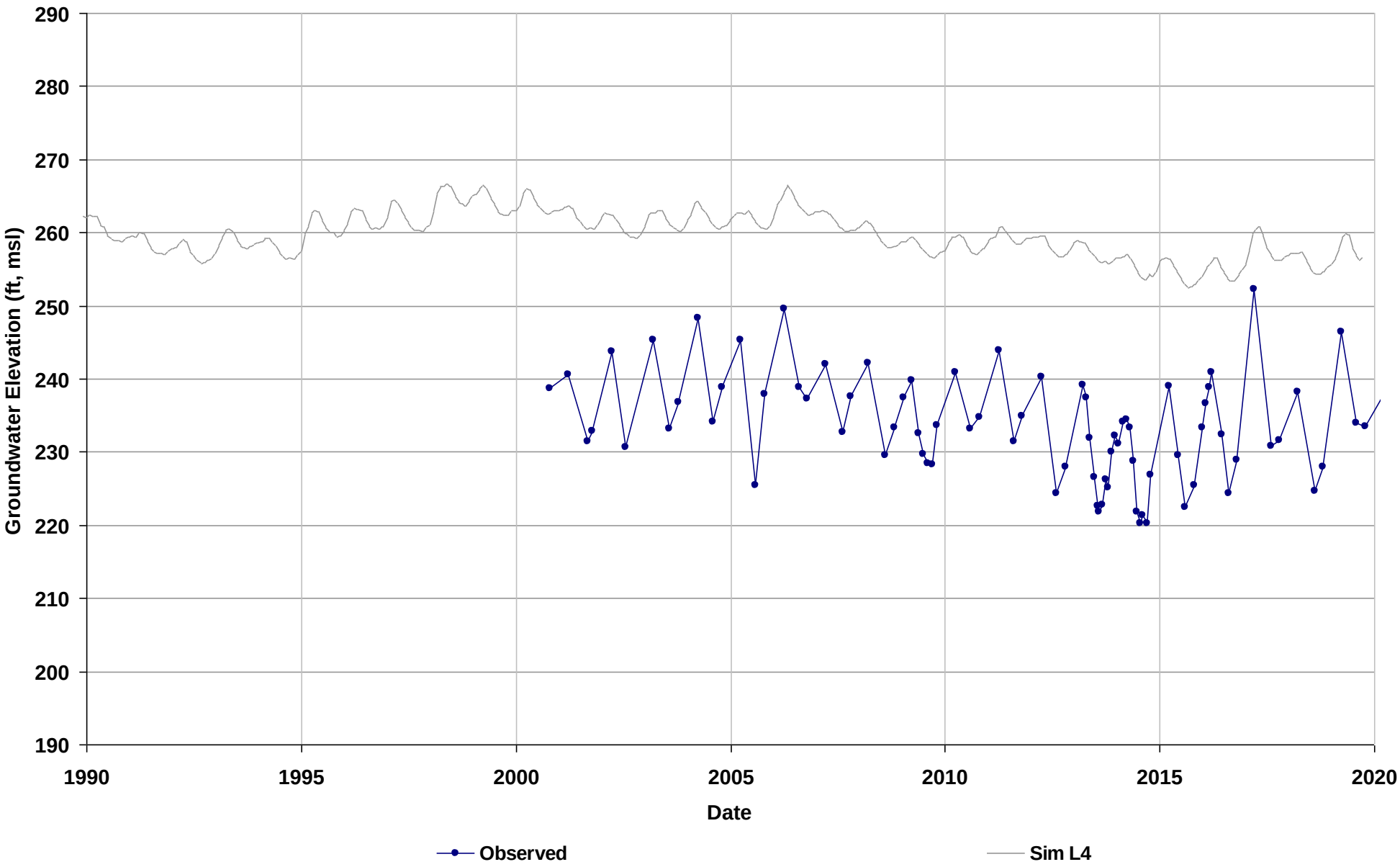
Average Residual (ft): 6.77



Well Name: 27N03W16K003M
Depth Zone: Upper
Subbasin: Antelope
GSE (ft, msl): 273

Total Depth (ft): 137
Perf Top (ft): 117
Perf Bottom (ft): 137
Top Model Layer: 4
Bottom Model Layer: 4

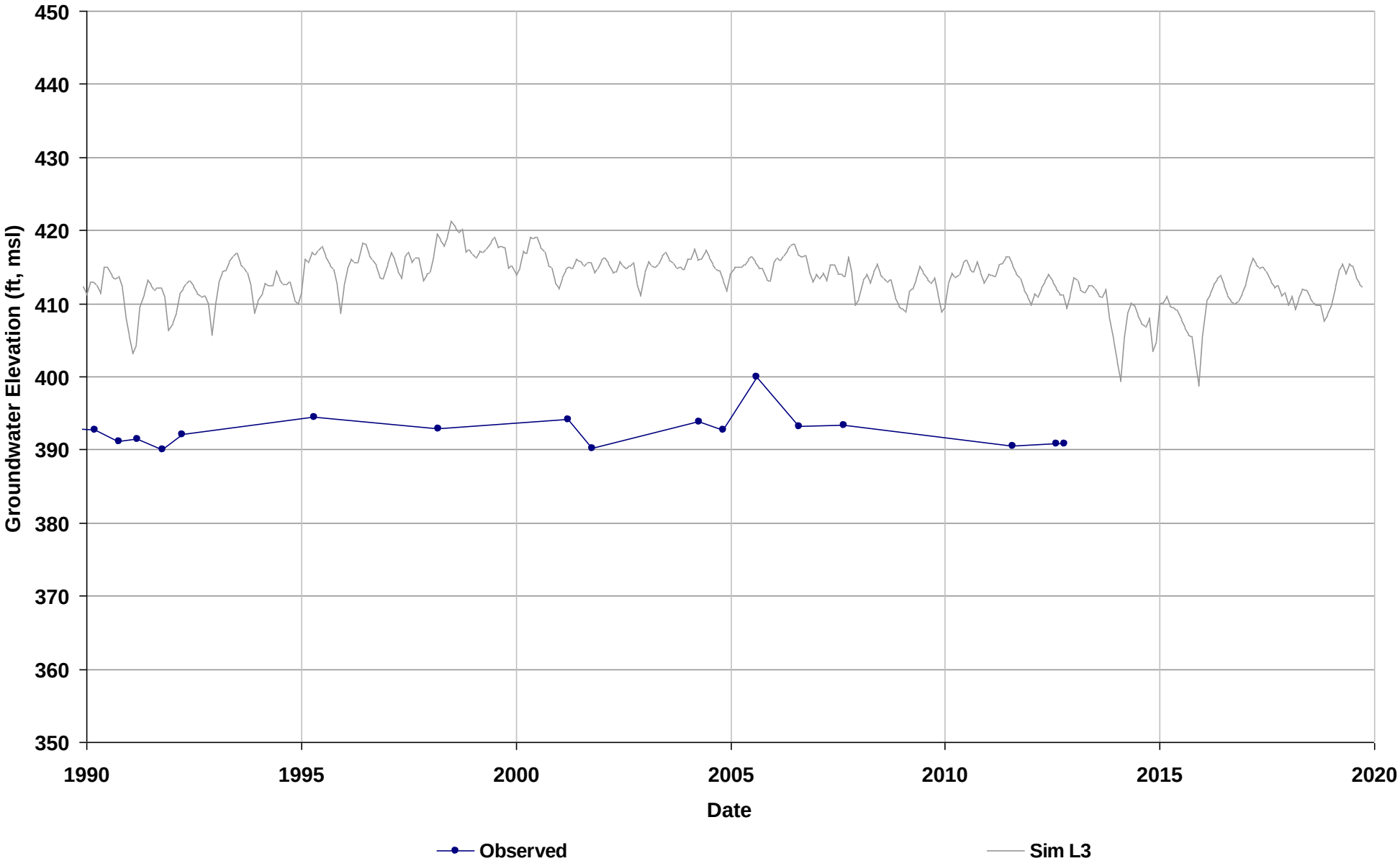
Average Residual (ft): 24.71



Well Name: 29N04W15E002M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 427

Total Depth (ft): 90
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3

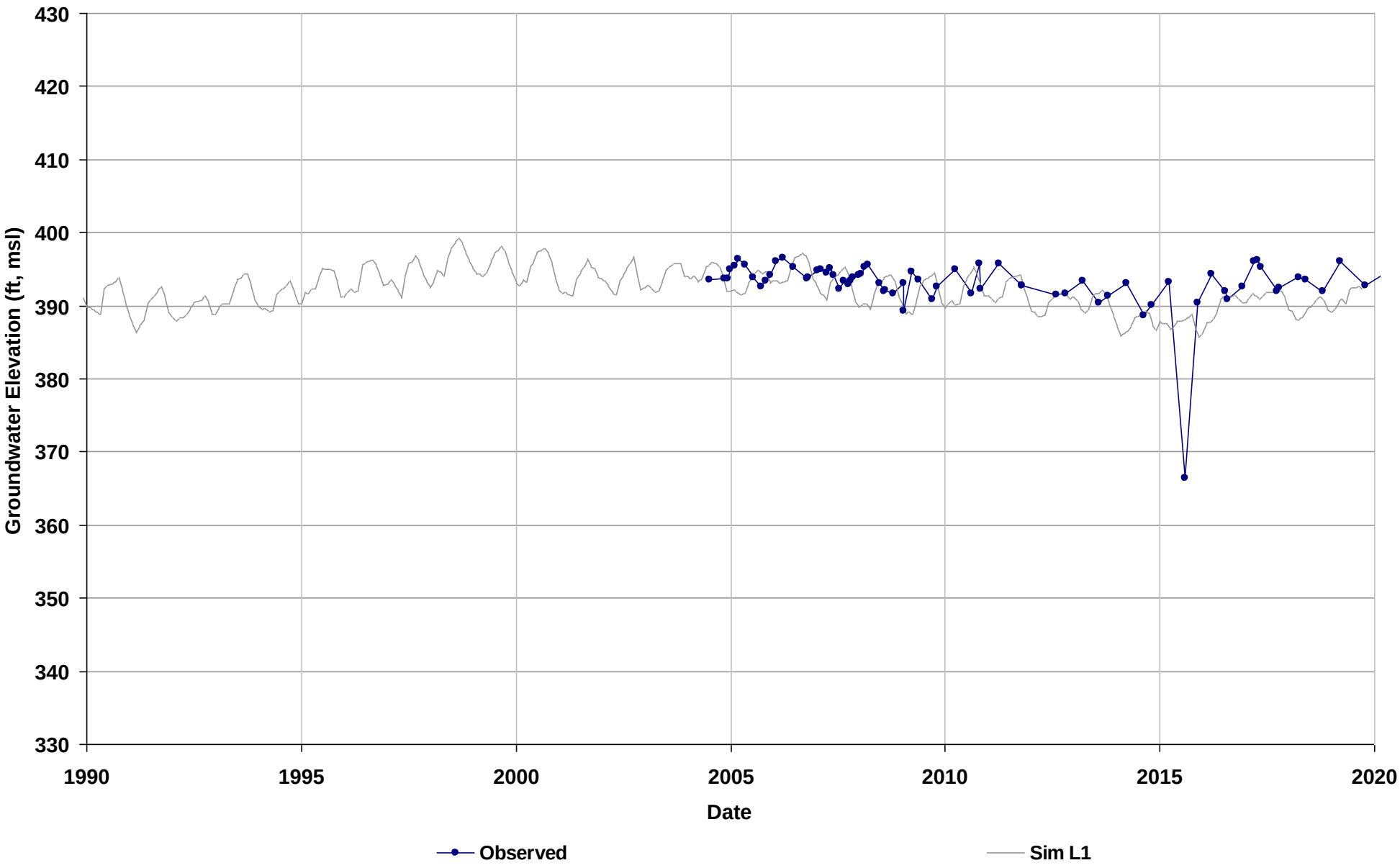
Average Residual (ft): 21.21



Well Name: 29N03W18M001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 418

Total Depth (ft): 234
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1

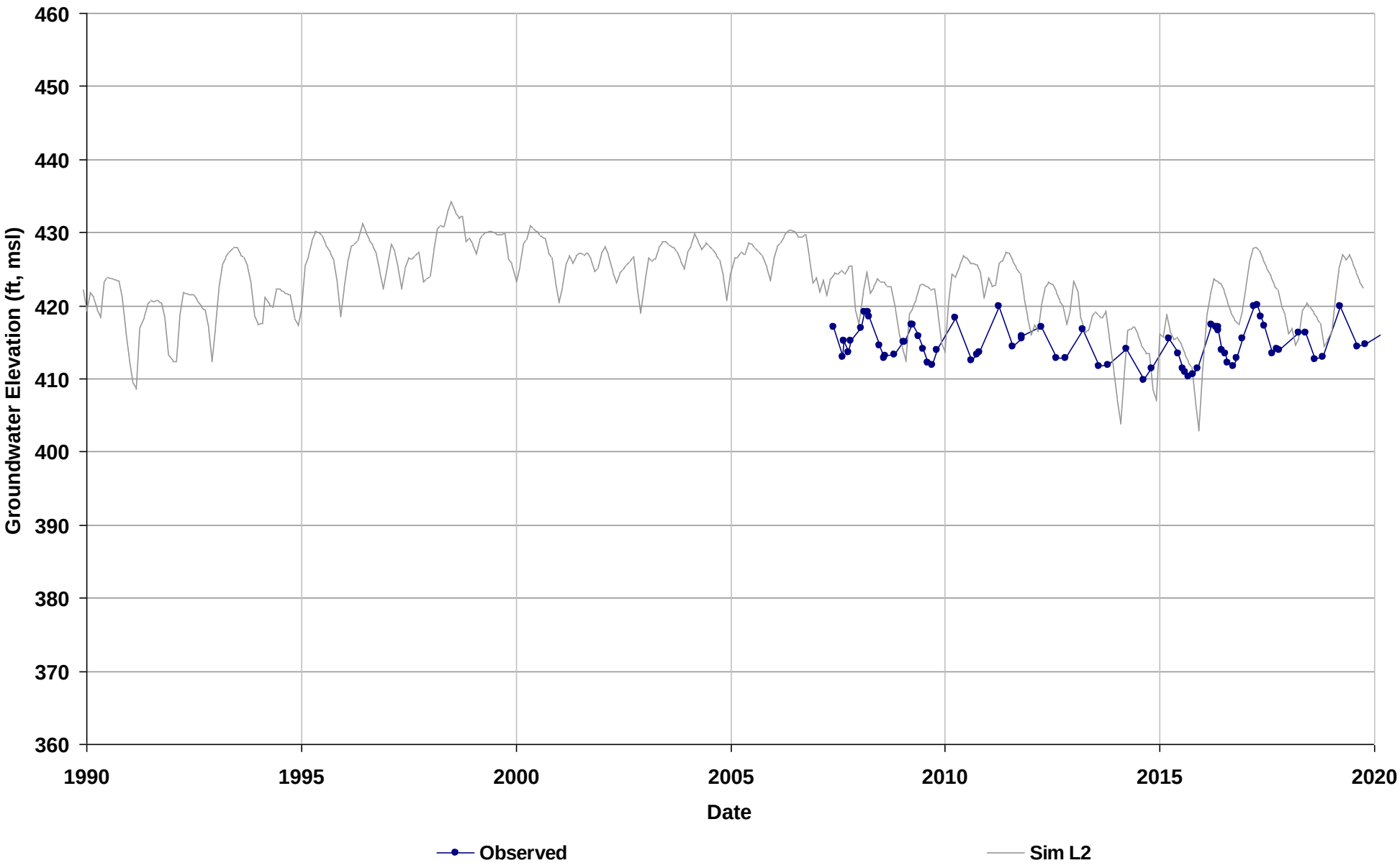
Average Residual (ft): -1.19



Well Name: 29N04W20A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 76
Perf Top (ft): 50
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2

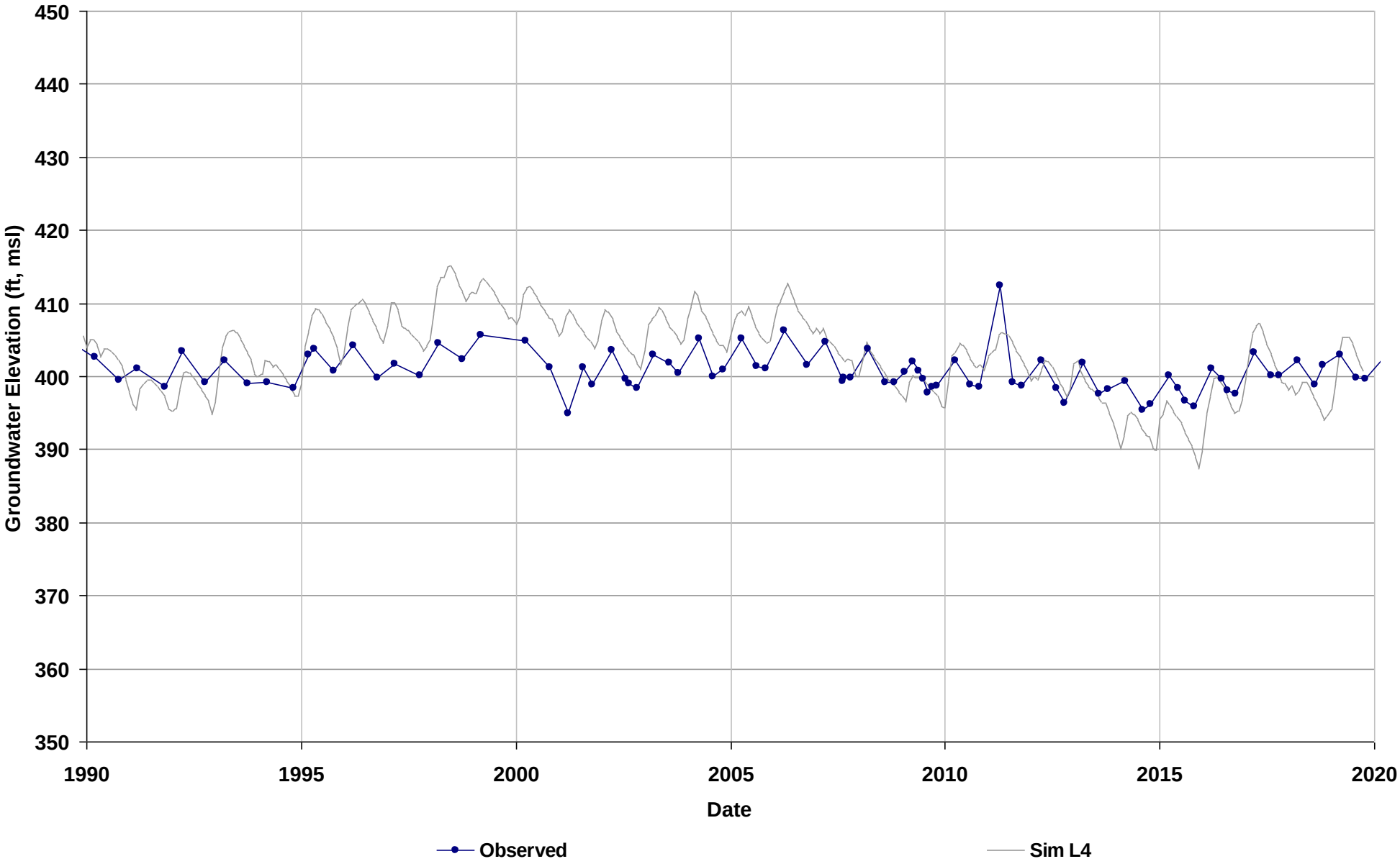
Average Residual (ft): 5.9



Well Name: 29N04W28D001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 502

Total Depth (ft): 134
Perf Top (ft): 114
Perf Bottom (ft): 134
Top Model Layer: 4
Bottom Model Layer: 4

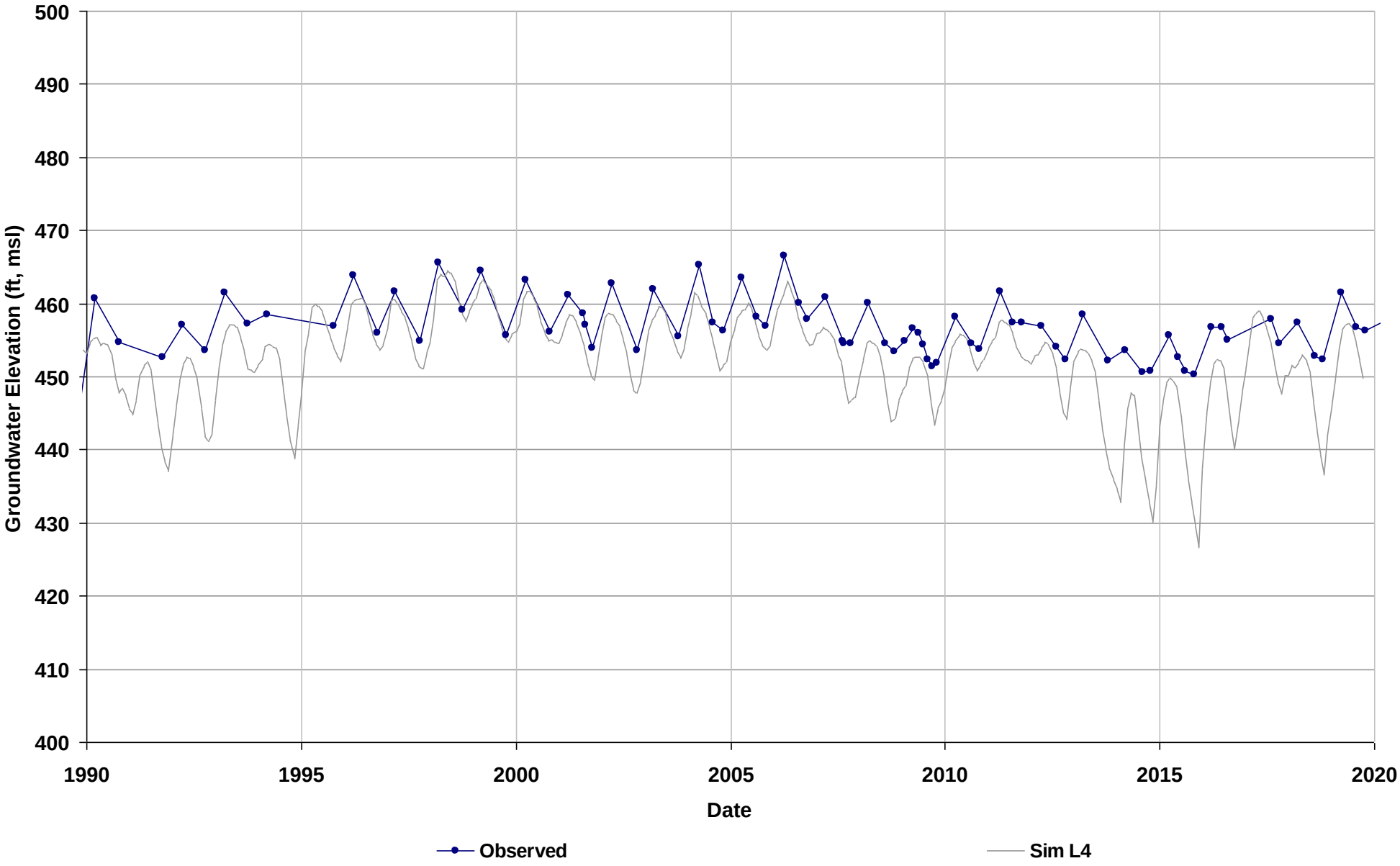
Average Residual (ft): 1.72



Well Name: 29N05W14L001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 492

Total Depth (ft): 130
Perf Top (ft): 110
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4

Average Residual (ft): -5.02

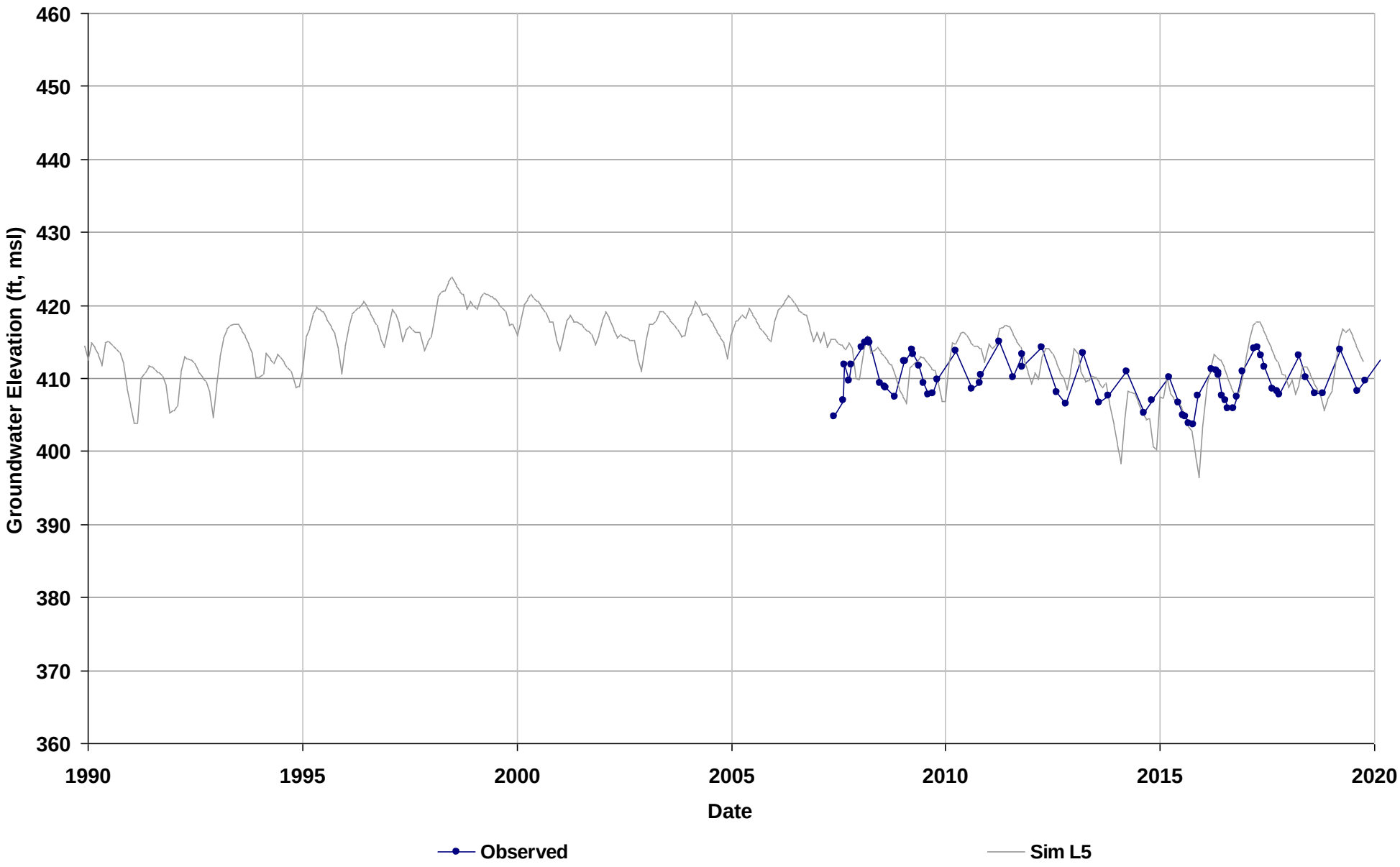


Tehama IHM - Historical

Well Name: 29N04W20A003M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 194
Perf Top (ft): 154
Perf Bottom (ft): 189
Top Model Layer: 5
Bottom Model Layer: 5

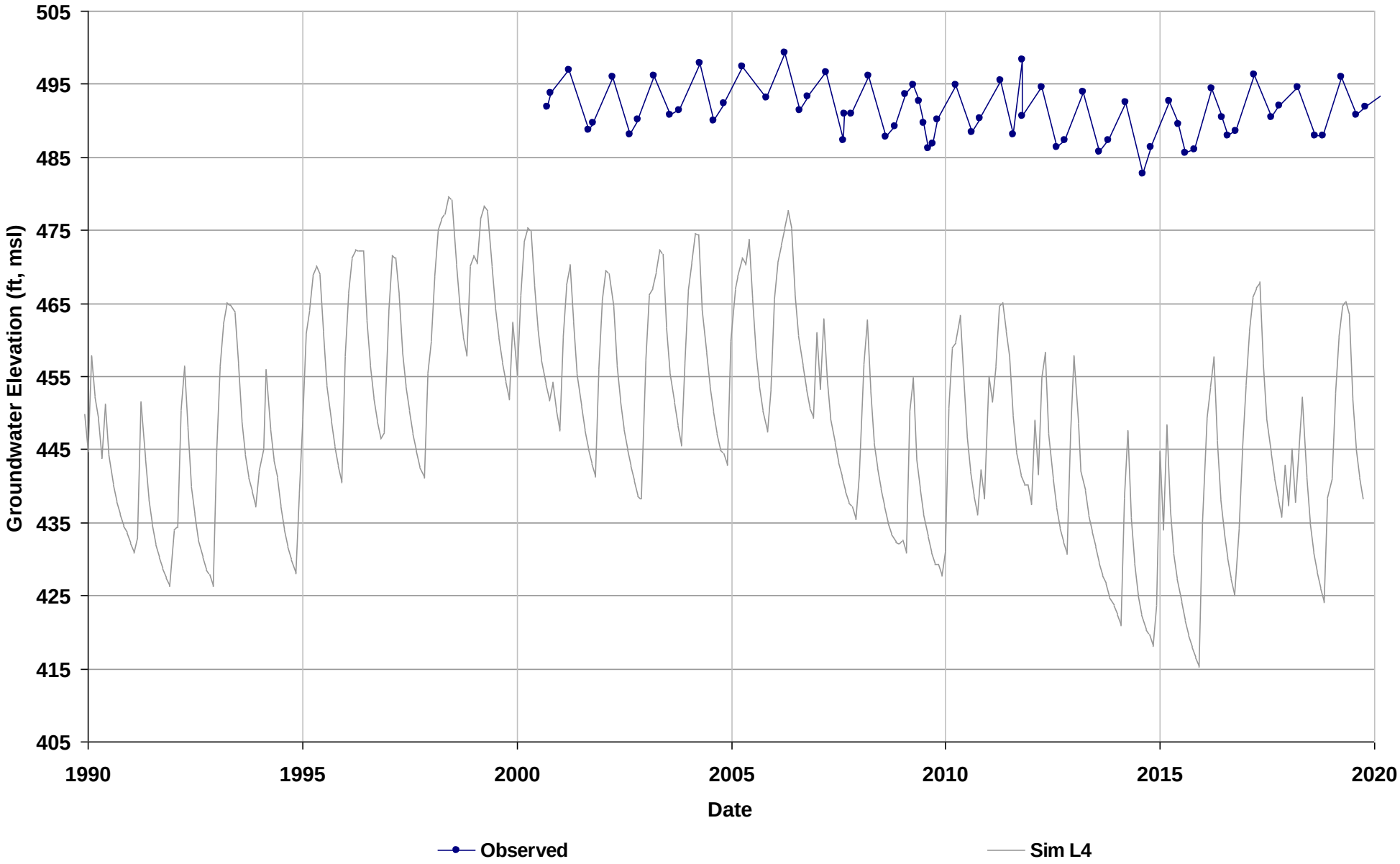
Average Residual (ft): 1.42



Well Name: 29N05W33A004M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 534

Total Depth (ft): 210
Perf Top (ft): 110
Perf Bottom (ft): 210
Top Model Layer: 4
Bottom Model Layer: 4

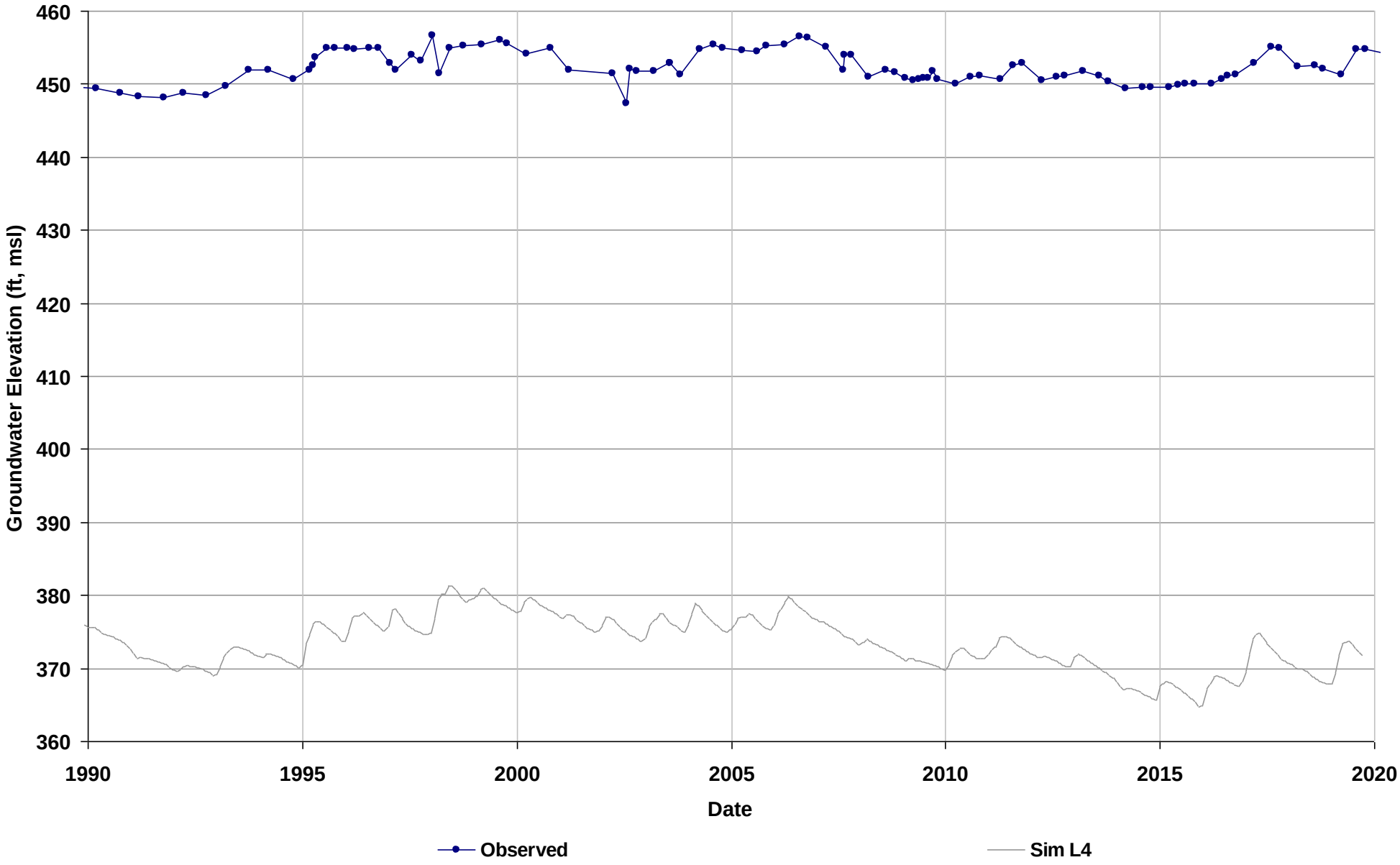
Average Residual (ft): -47.19



Well Name: 29N04W35B001M
Depth Zone: Composite
Subbasin: Bowman
GSE (ft, msl): 537

Total Depth (ft): 759
Perf Top (ft): 130
Perf Bottom (ft): 759
Top Model Layer: 4
Bottom Model Layer: 4

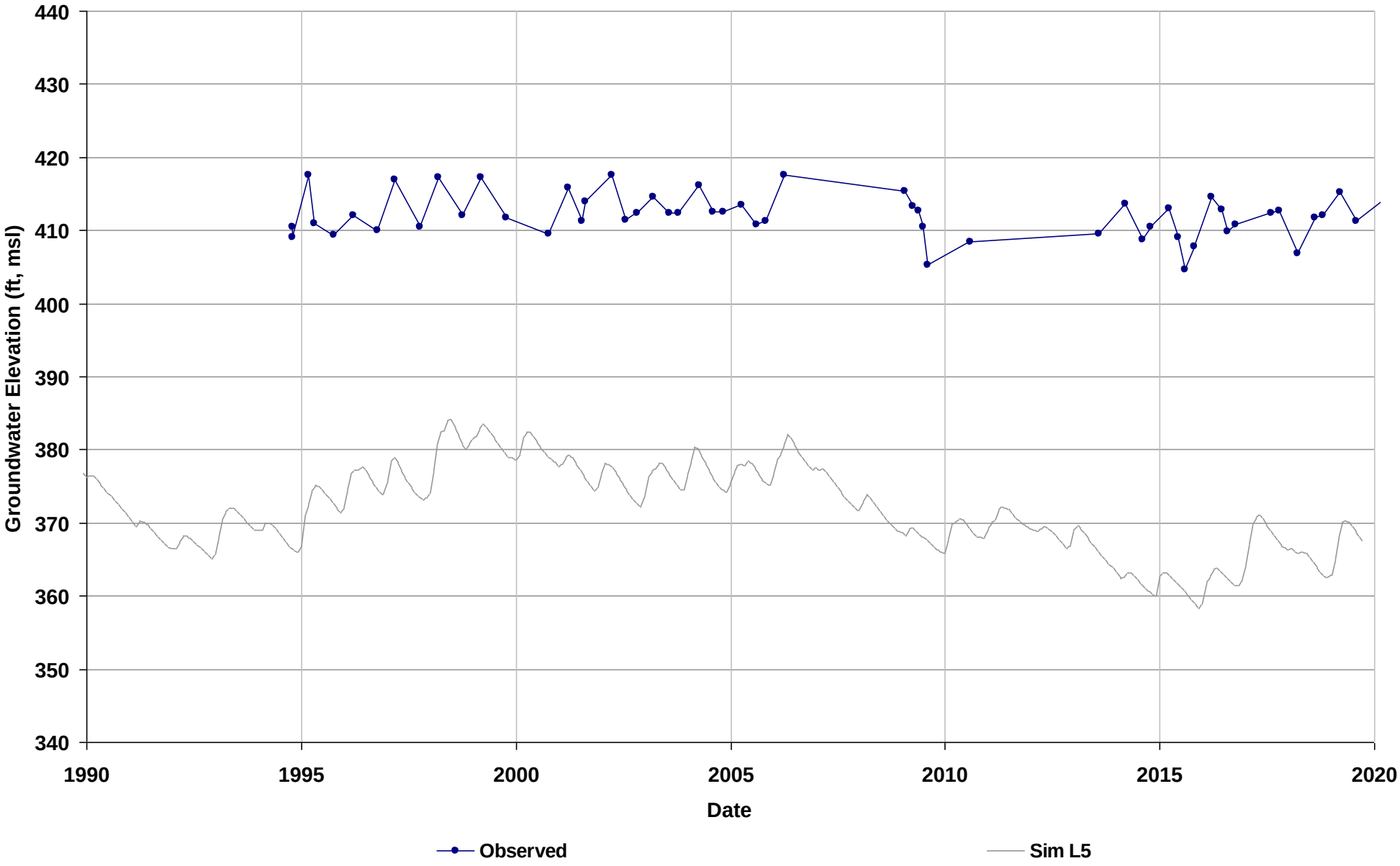
Average Residual (ft): -78.7



Well Name: 28N04W04P001M
Depth Zone: Upper
Subbasin: Bowman
GSE (ft, msl): 537

Total Depth (ft): 270
Perf Top (ft): 200
Perf Bottom (ft): 270
Top Model Layer: 5
Bottom Model Layer: 5

Average Residual (ft): -40.66

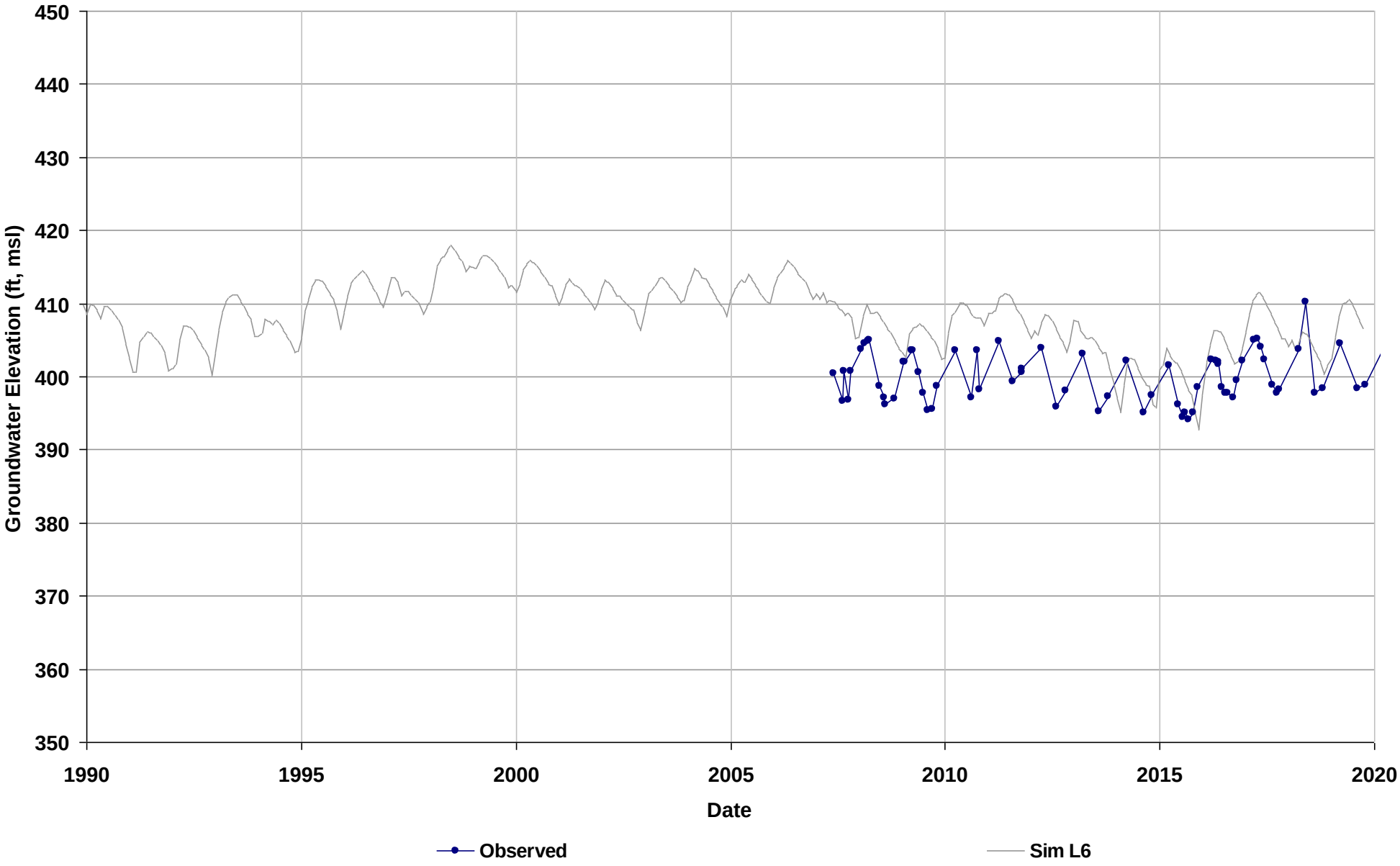


Tehama IHM - Historical

Well Name: 29N04W20A002M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 451
Perf Top (ft): 360
Perf Bottom (ft): 430
Top Model Layer: 6
Bottom Model Layer: 6

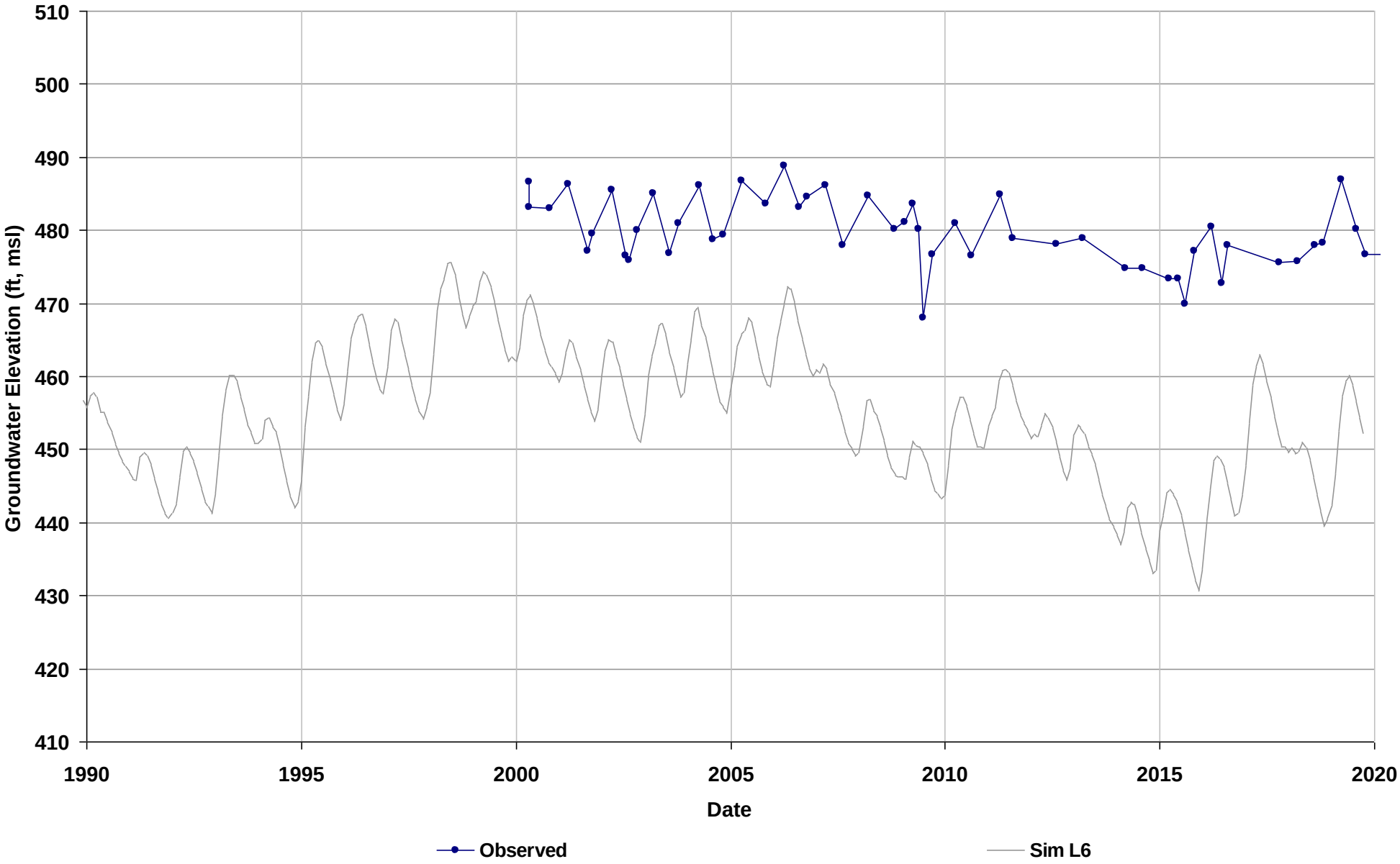
Average Residual (ft): 5.63



Well Name: 29N05W21H001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 622

Total Depth (ft): 280
Perf Top (ft): 250
Perf Bottom (ft): 280
Top Model Layer: 6
Bottom Model Layer: 6

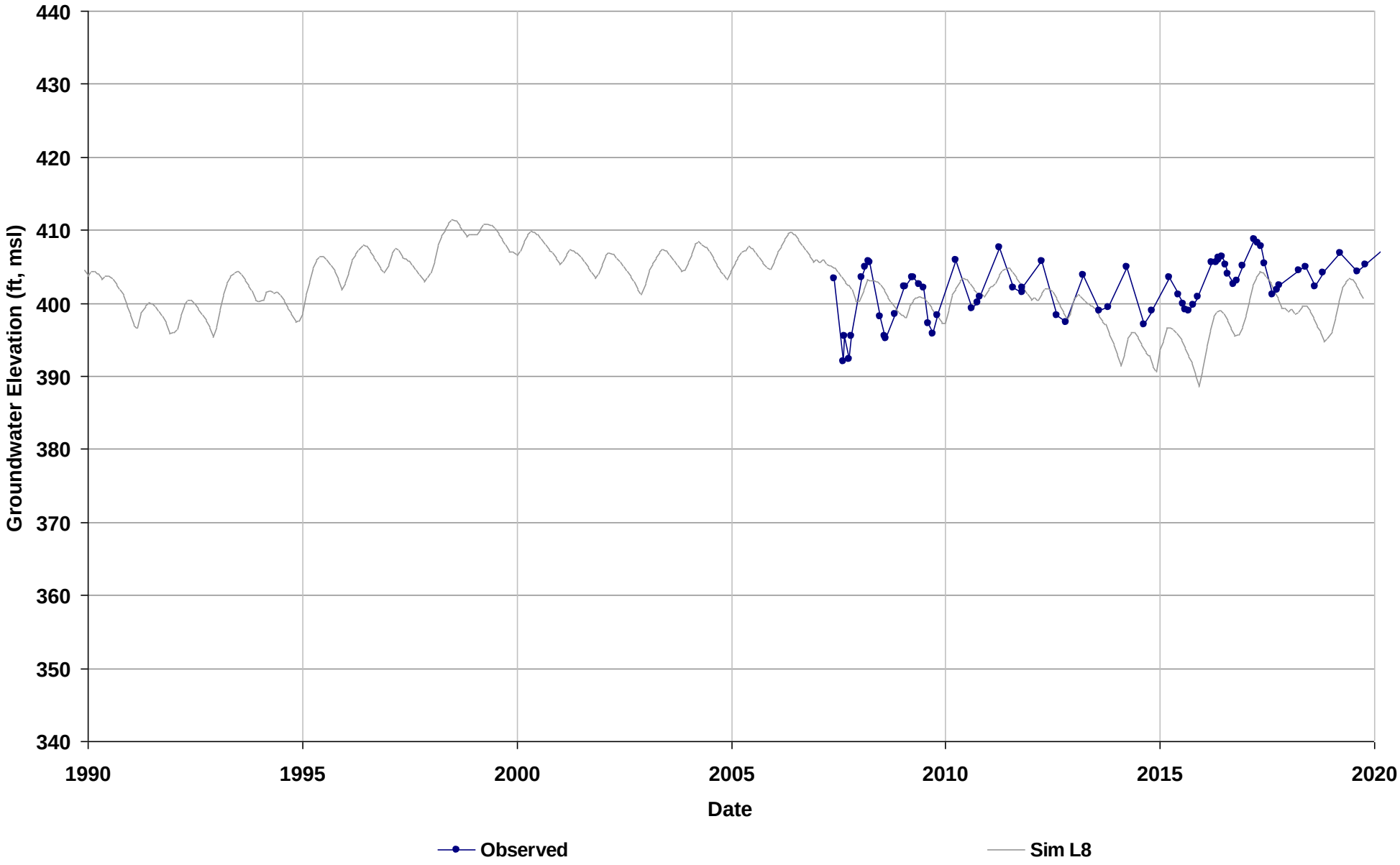
Average Residual (ft): -25.17



Well Name: 29N04W20A001M
Depth Zone: Lower
Subbasin: Bowman
GSE (ft, msl): 451

Total Depth (ft): 876
Perf Top (ft): 755
Perf Bottom (ft): 855
Top Model Layer: 8
Bottom Model Layer: 8

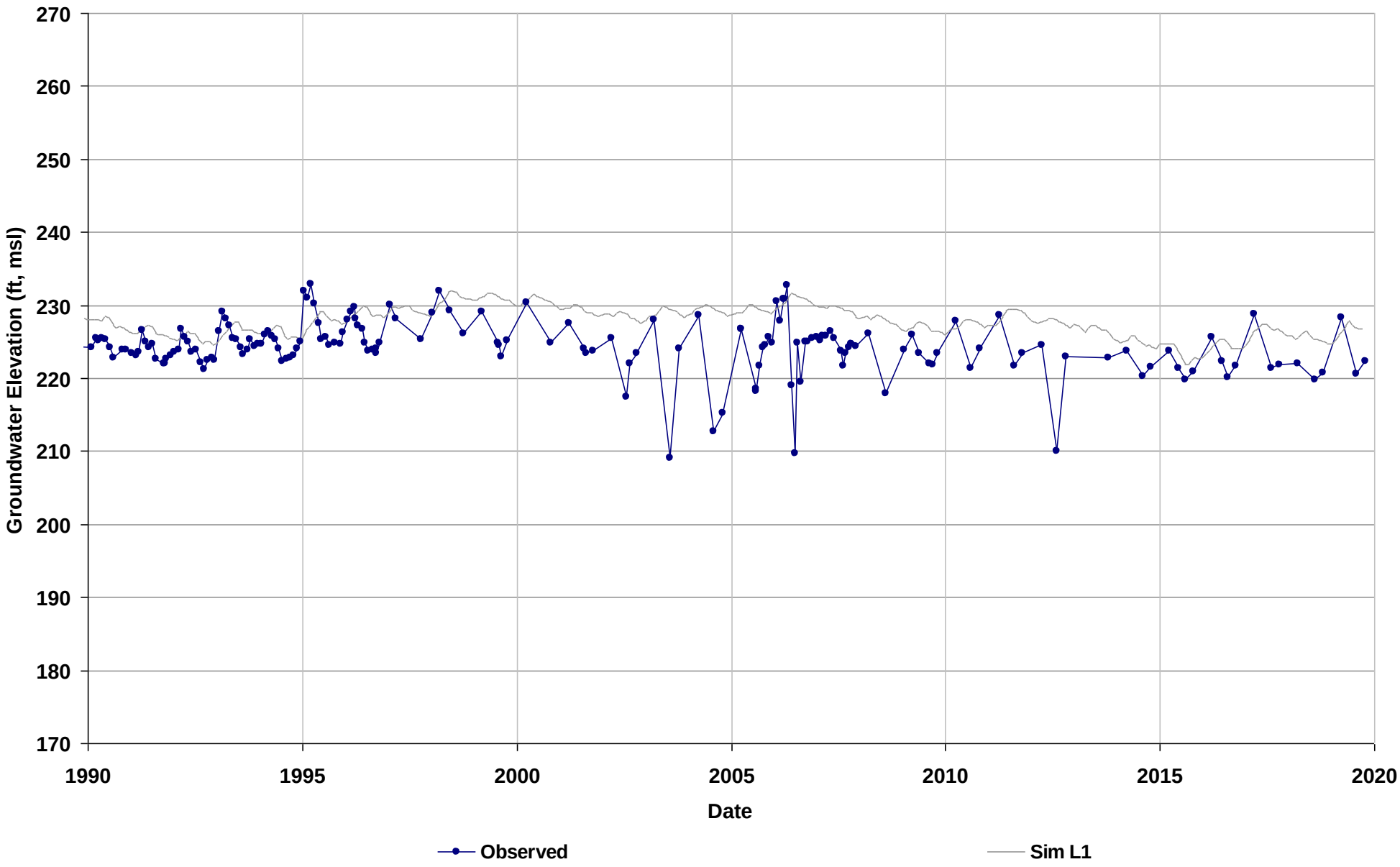
Average Residual (ft): -2.35



Well Name: 26N02W16C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 242

Total Depth (ft): 50
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 1
Bottom Model Layer: 1

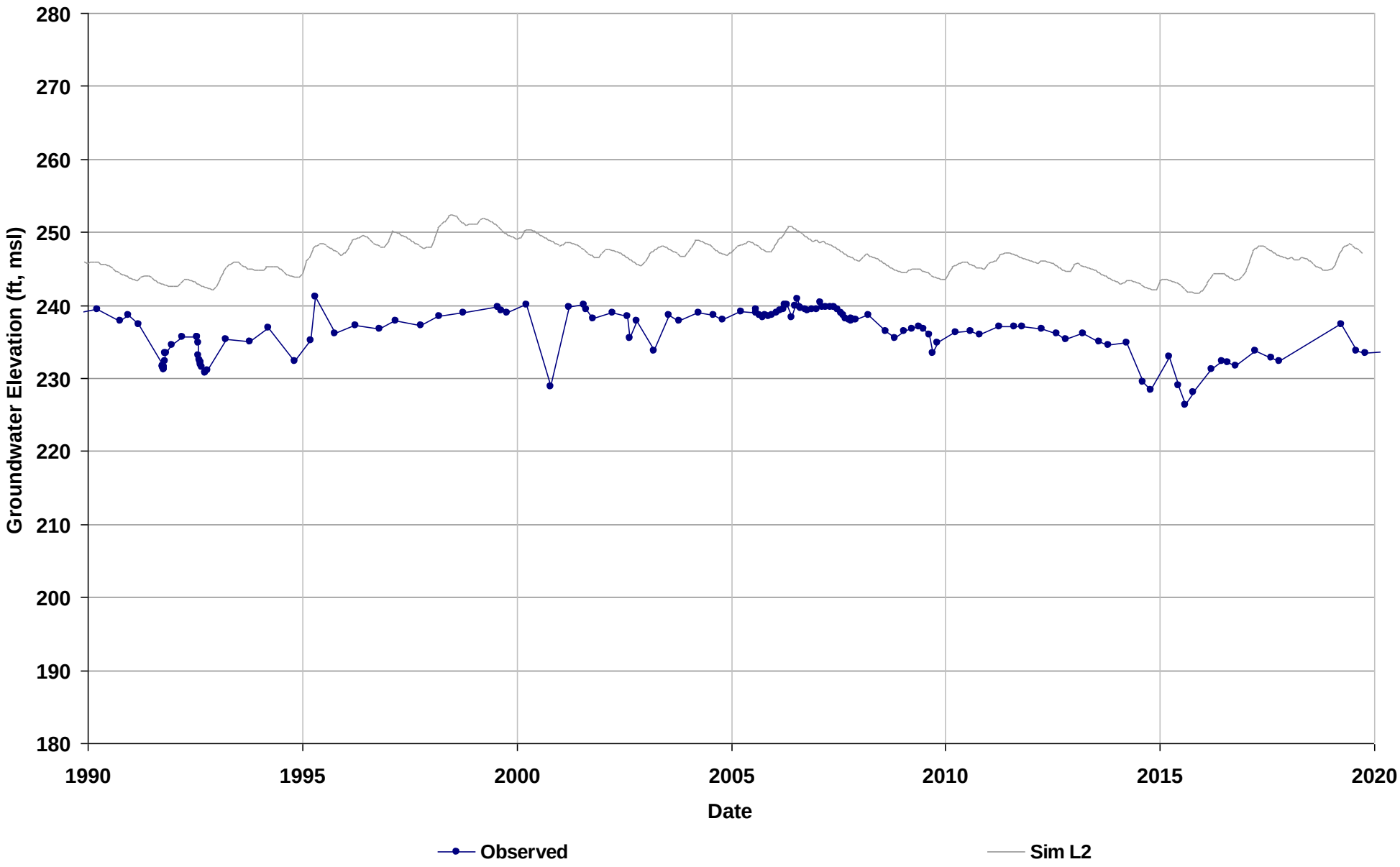
Average Residual (ft): 3.41



Well Name: 26N02W14G001M
Depth Zone: Likely Composite
Subbasin: Los Molinos
GSE (ft, msl): 314

Total Depth (ft): 394
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2

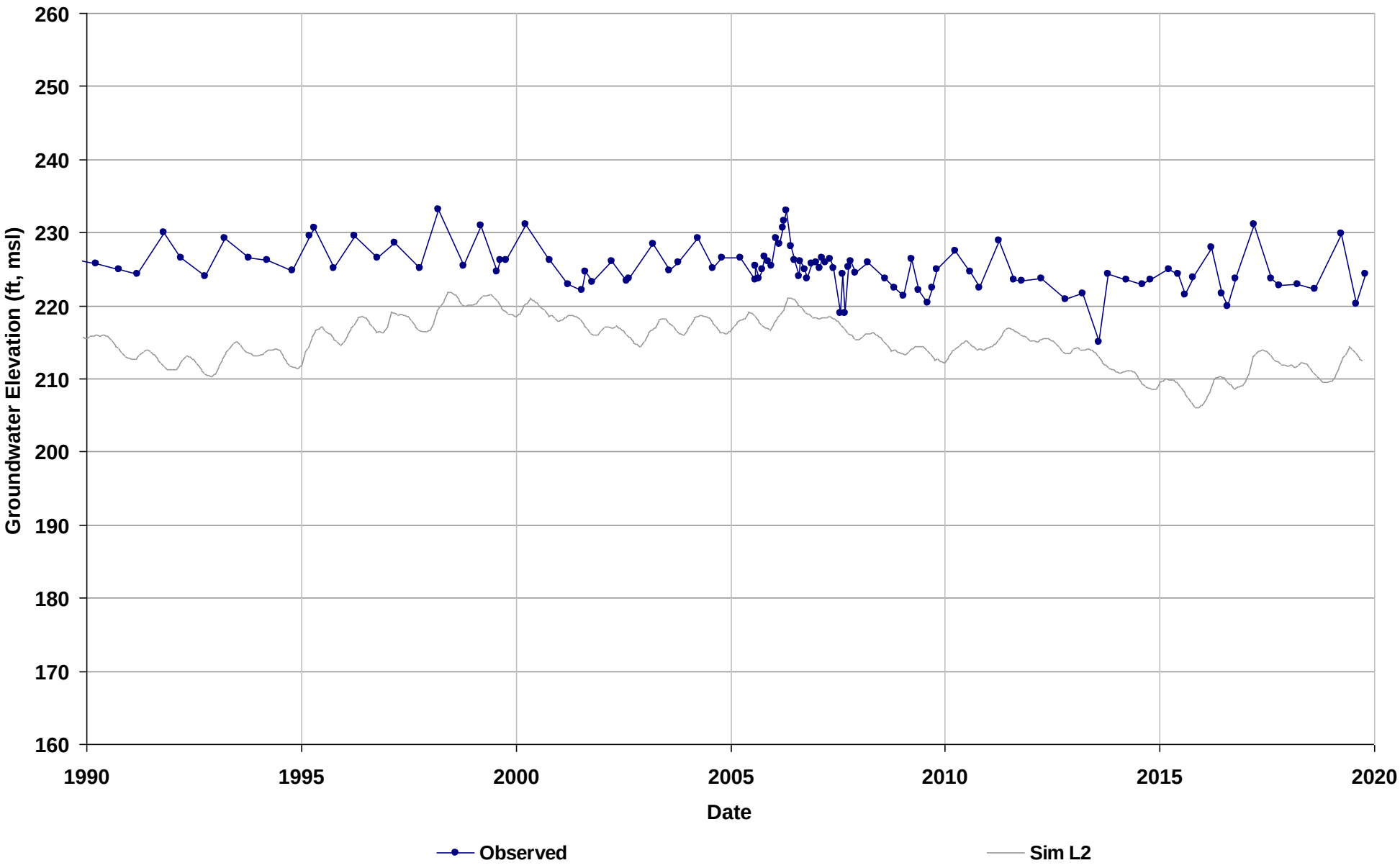
Average Residual (ft): 10.03



Well Name: 25N02W09G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 264

Total Depth (ft): 60
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2

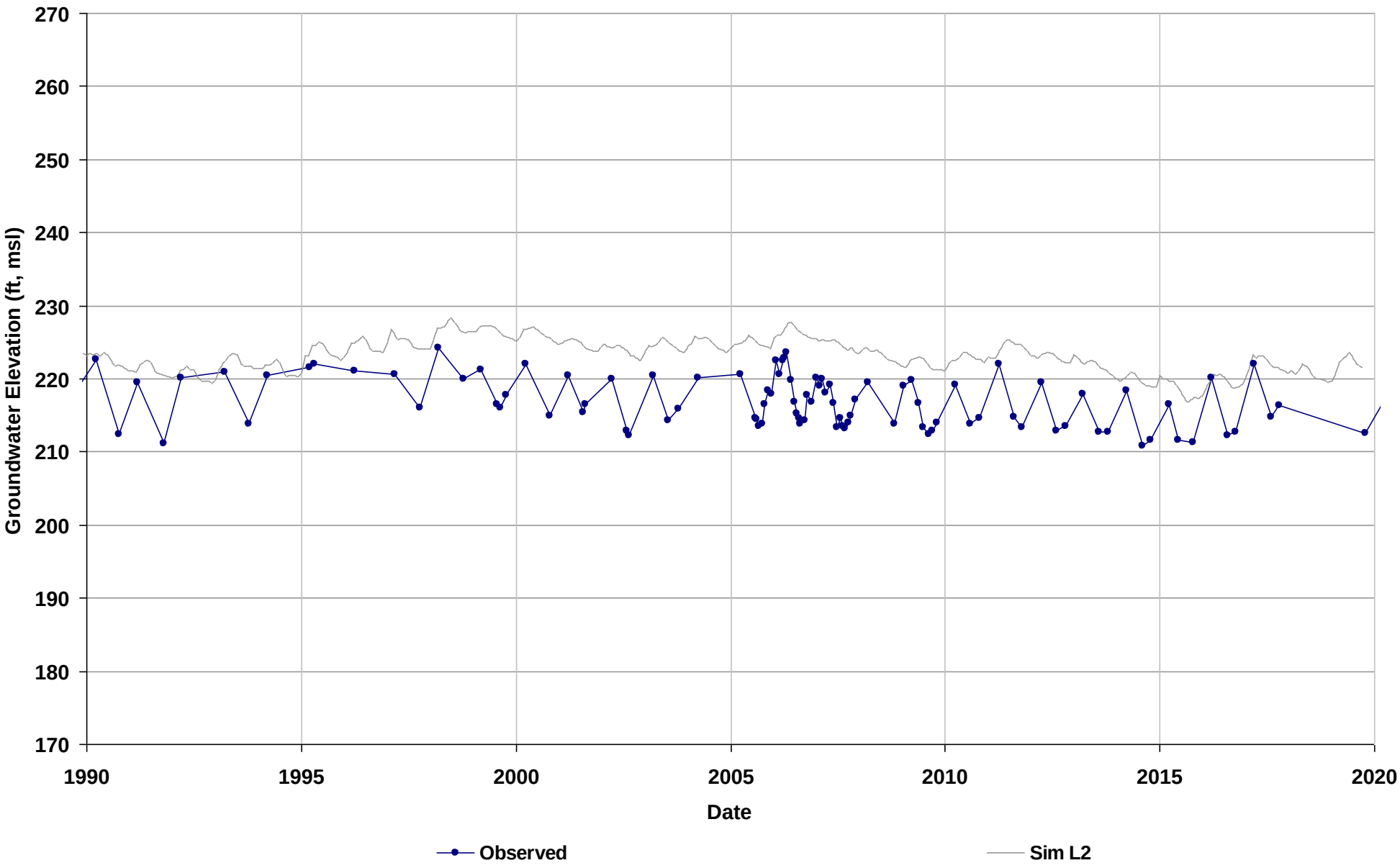
Average Residual (ft): -9.67



Well Name: 26N02W21Q001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 237

Total Depth (ft): 55
Perf Top (ft): 48
Perf Bottom (ft): 55
Top Model Layer: 2
Bottom Model Layer: 2

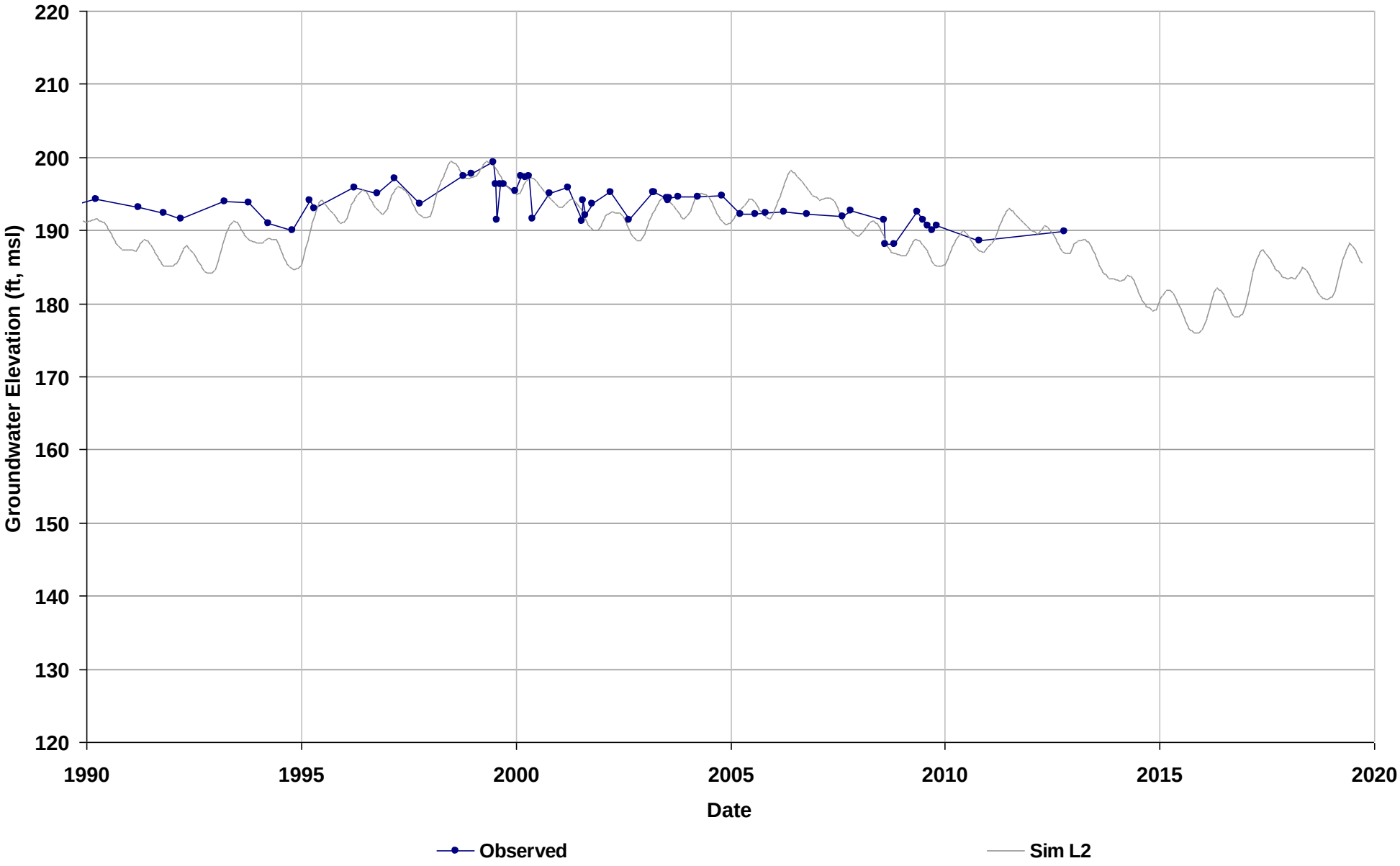
Average Residual (ft): 6.94



Well Name: 24N01W18N001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 256

Total Depth (ft): 102
Perf Top (ft): 64
Perf Bottom (ft): 76
Top Model Layer: 2
Bottom Model Layer: 2

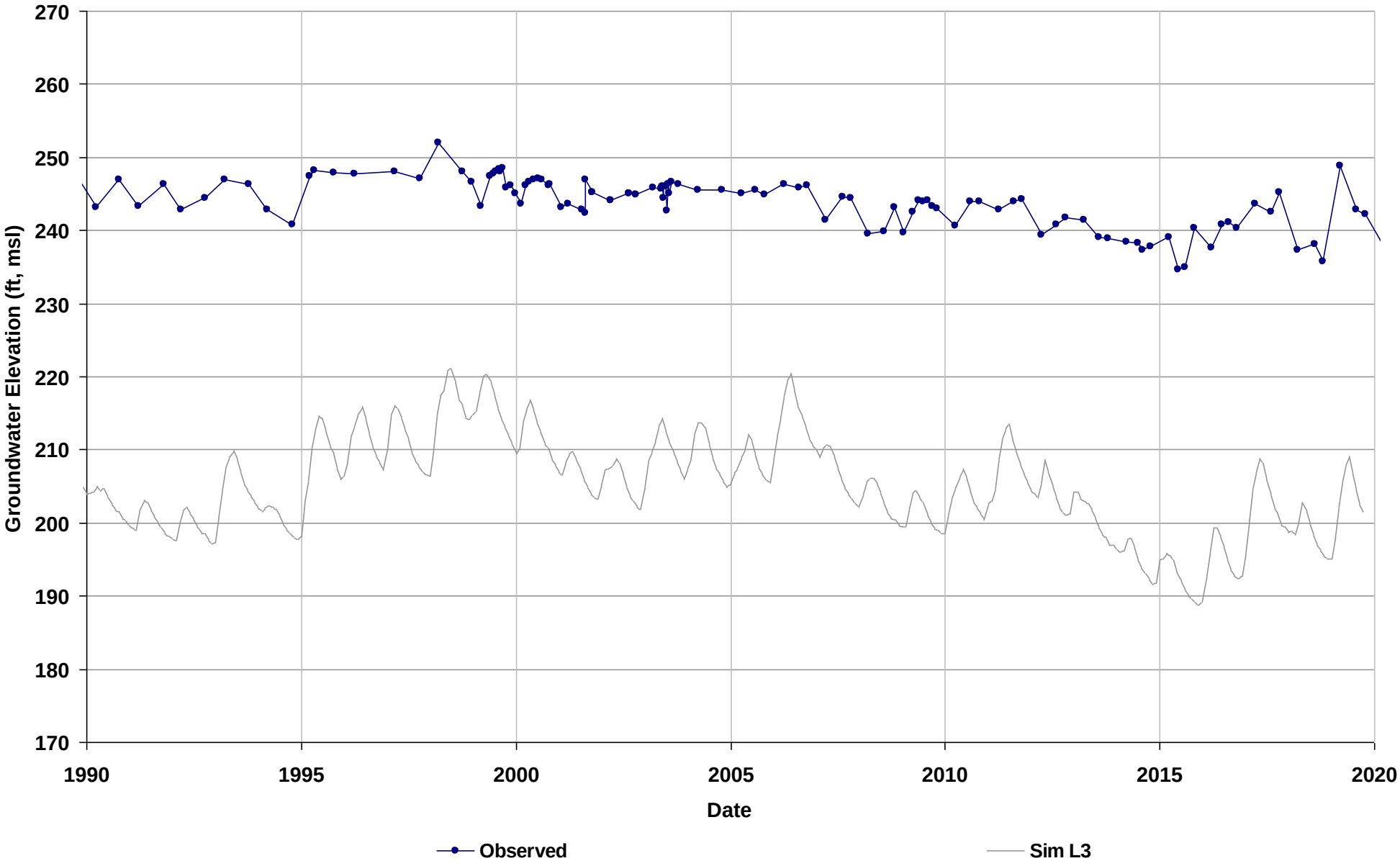
Average Residual (ft): -1.29



Well Name: 24N01W05Q002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 289

Total Depth (ft): 150
Perf Top (ft): 60
Perf Bottom (ft): 150
Top Model Layer: 3
Bottom Model Layer: 3

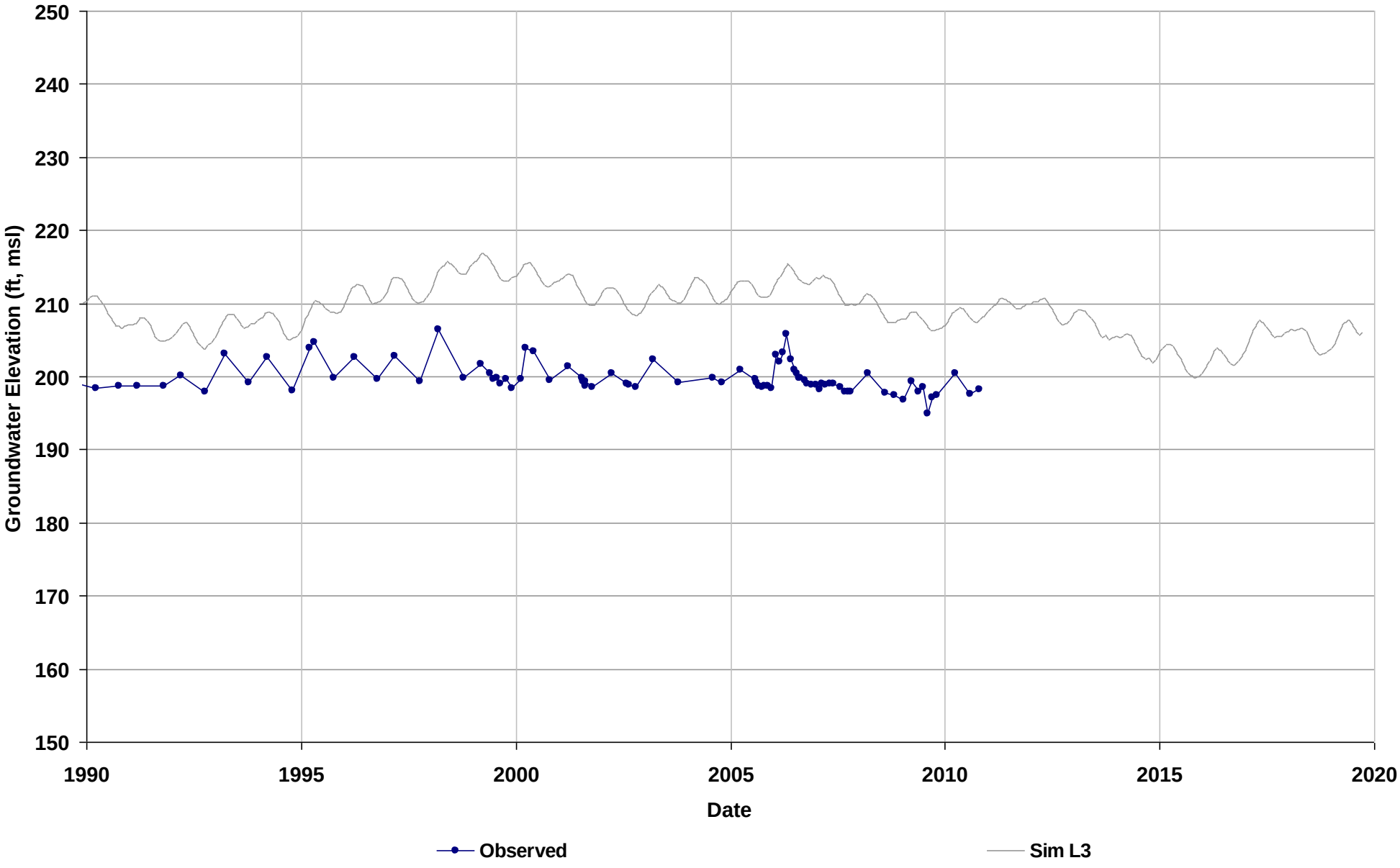
Average Residual (ft): -37.62



Well Name: 25N02W21B001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 212

Total Depth (ft): 110
Perf Top (ft): 52
Perf Bottom (ft): 110
Top Model Layer: 3
Bottom Model Layer: 3

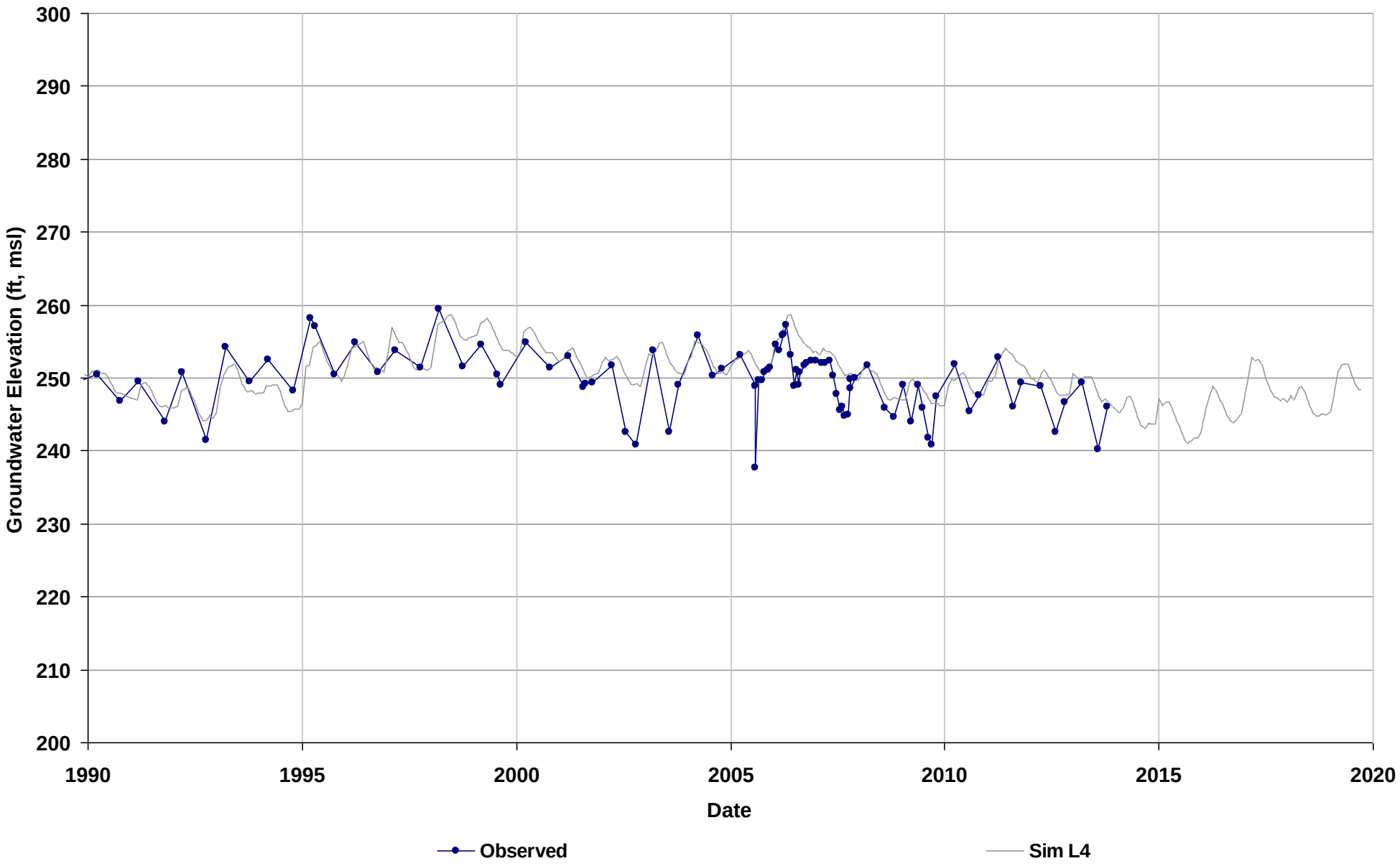
Average Residual (ft): 11.21



Well Name: 27N02W30C002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 282

Total Depth (ft): 296
Perf Top (ft): 50
Perf Bottom (ft): 163
Top Model Layer: 4
Bottom Model Layer: 4

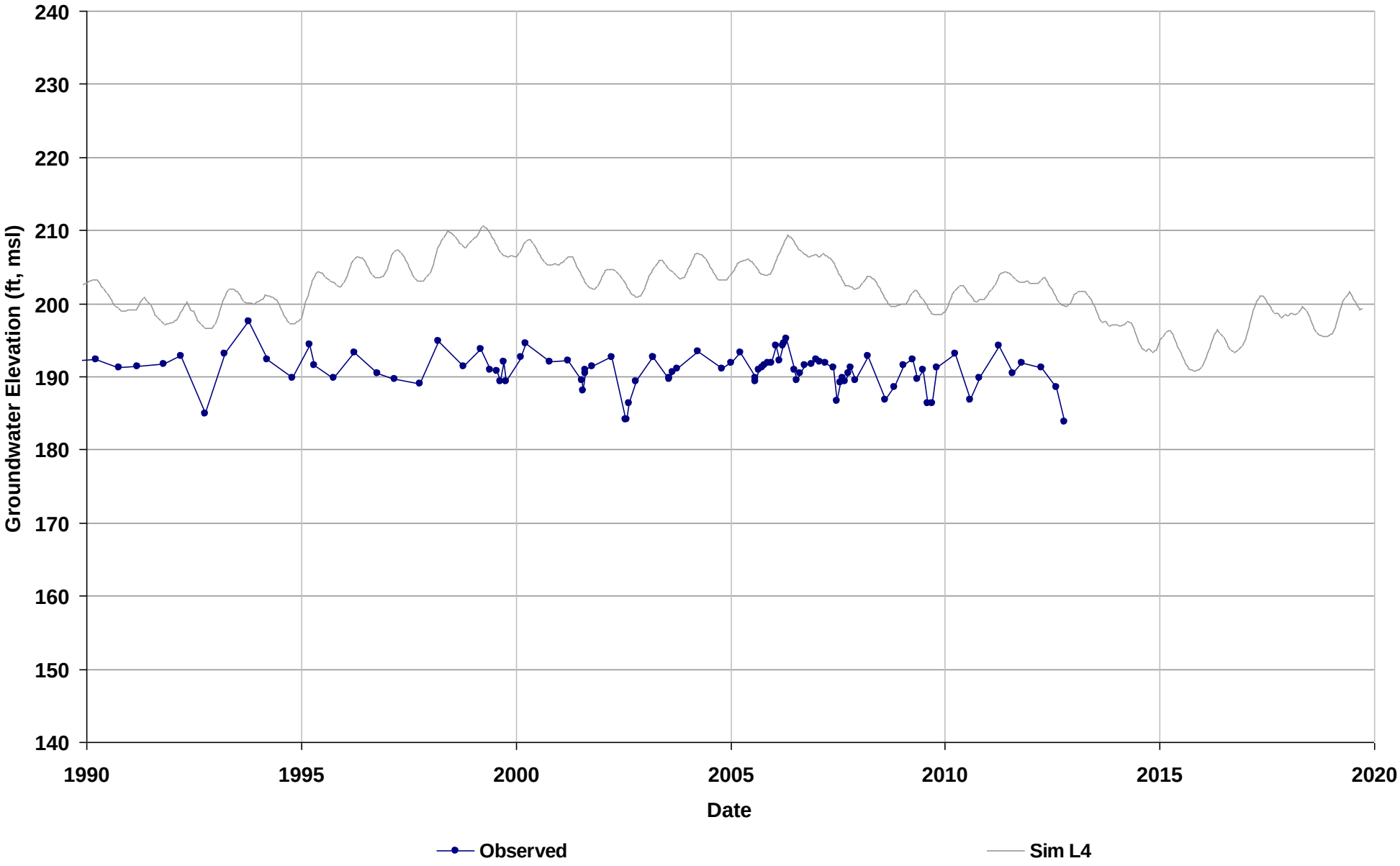
Average Residual (ft): 1.97



Well Name: 25N02W34K001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 206

Total Depth (ft): 235
Perf Top (ft): 46
Perf Bottom (ft): 213
Top Model Layer: 4
Bottom Model Layer: 4

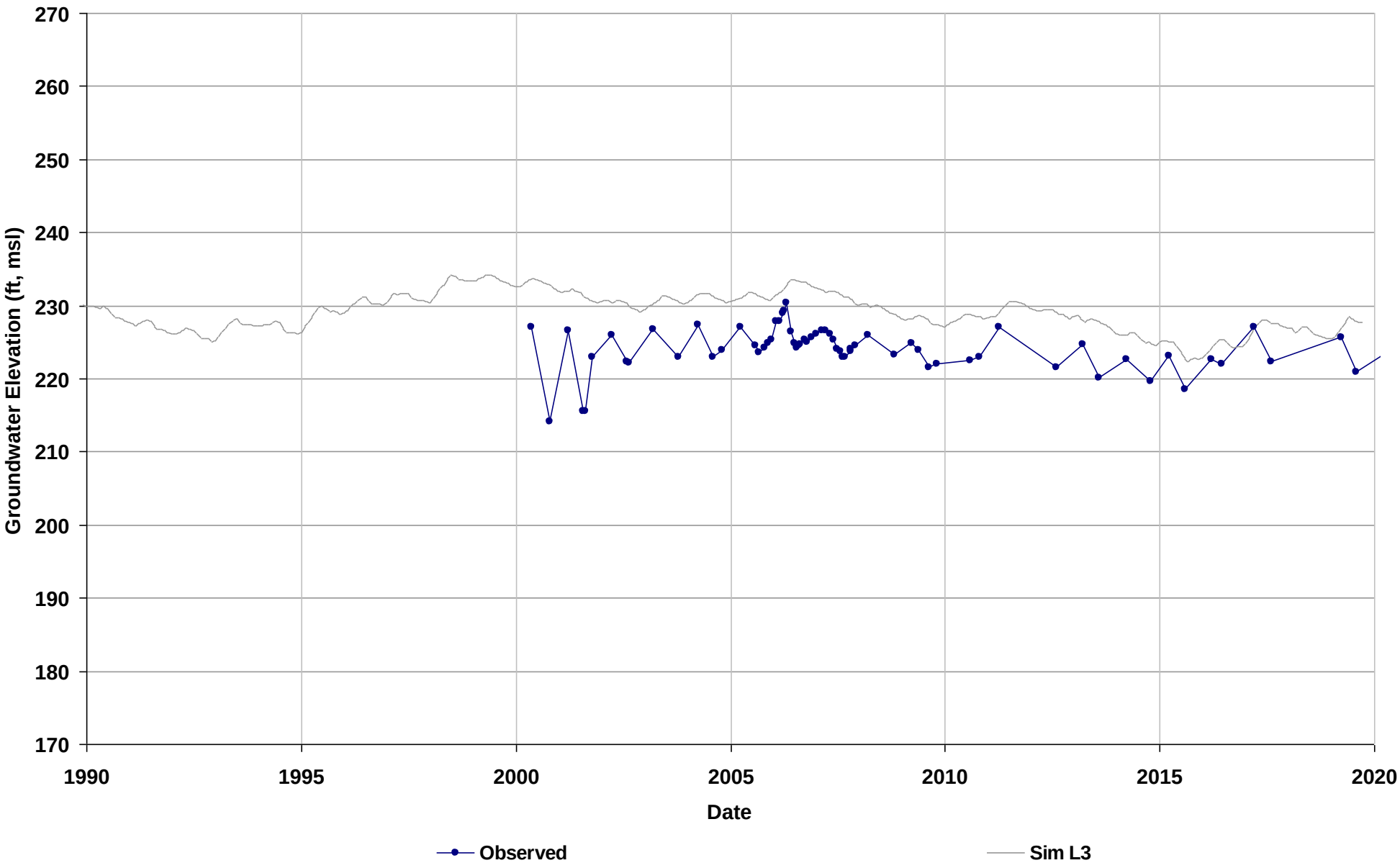
Average Residual (ft): 12.82



Well Name: 26N02W15C001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 260

Total Depth (ft): 100
Perf Top (ft): 78
Perf Bottom (ft): 100
Top Model Layer: 3
Bottom Model Layer: 3

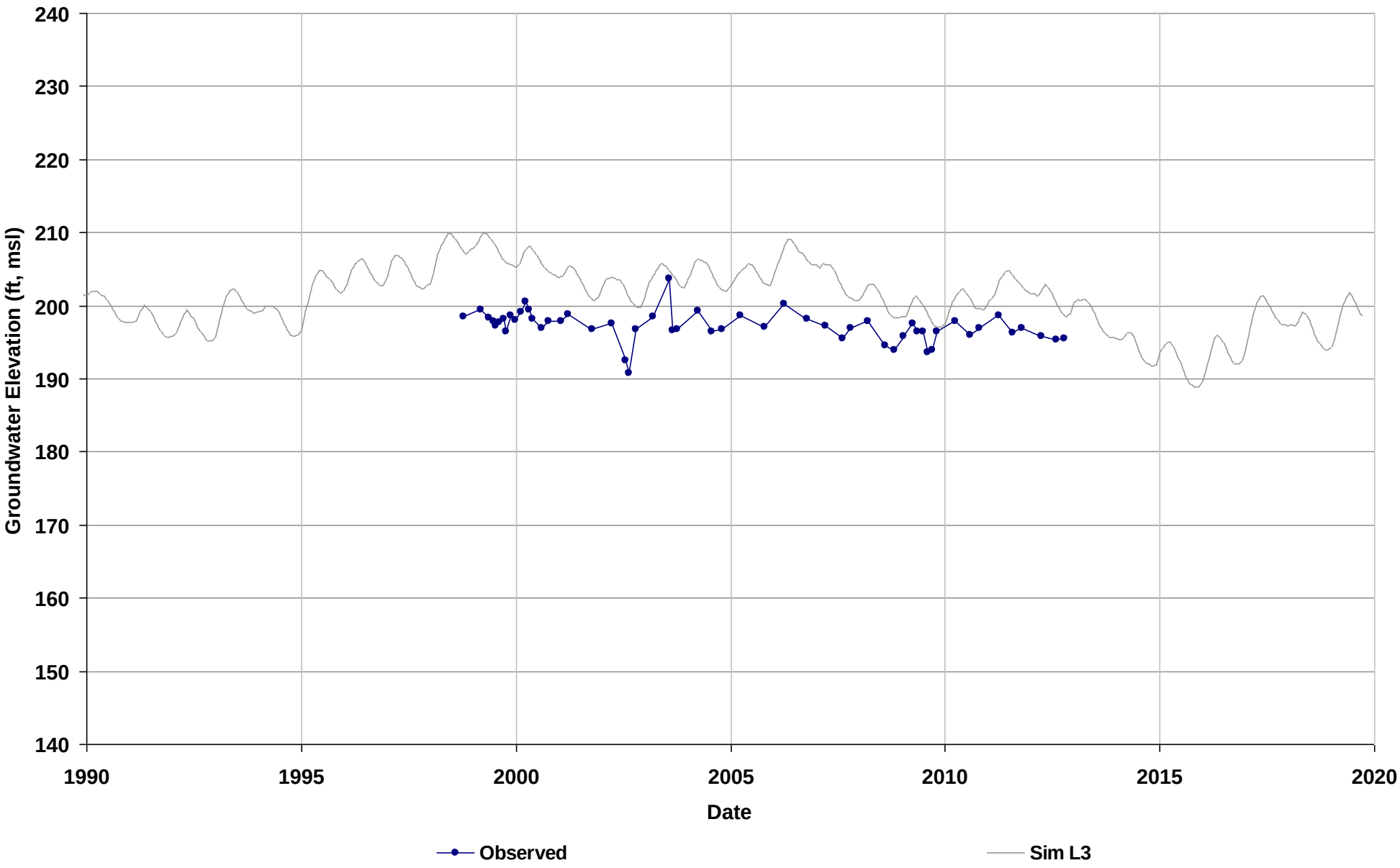
Average Residual (ft): 6.27



Well Name: 24N02W02E001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 202

Total Depth (ft): 328
Perf Top (ft): 90
Perf Bottom (ft): 310
Top Model Layer: 3
Bottom Model Layer: 3

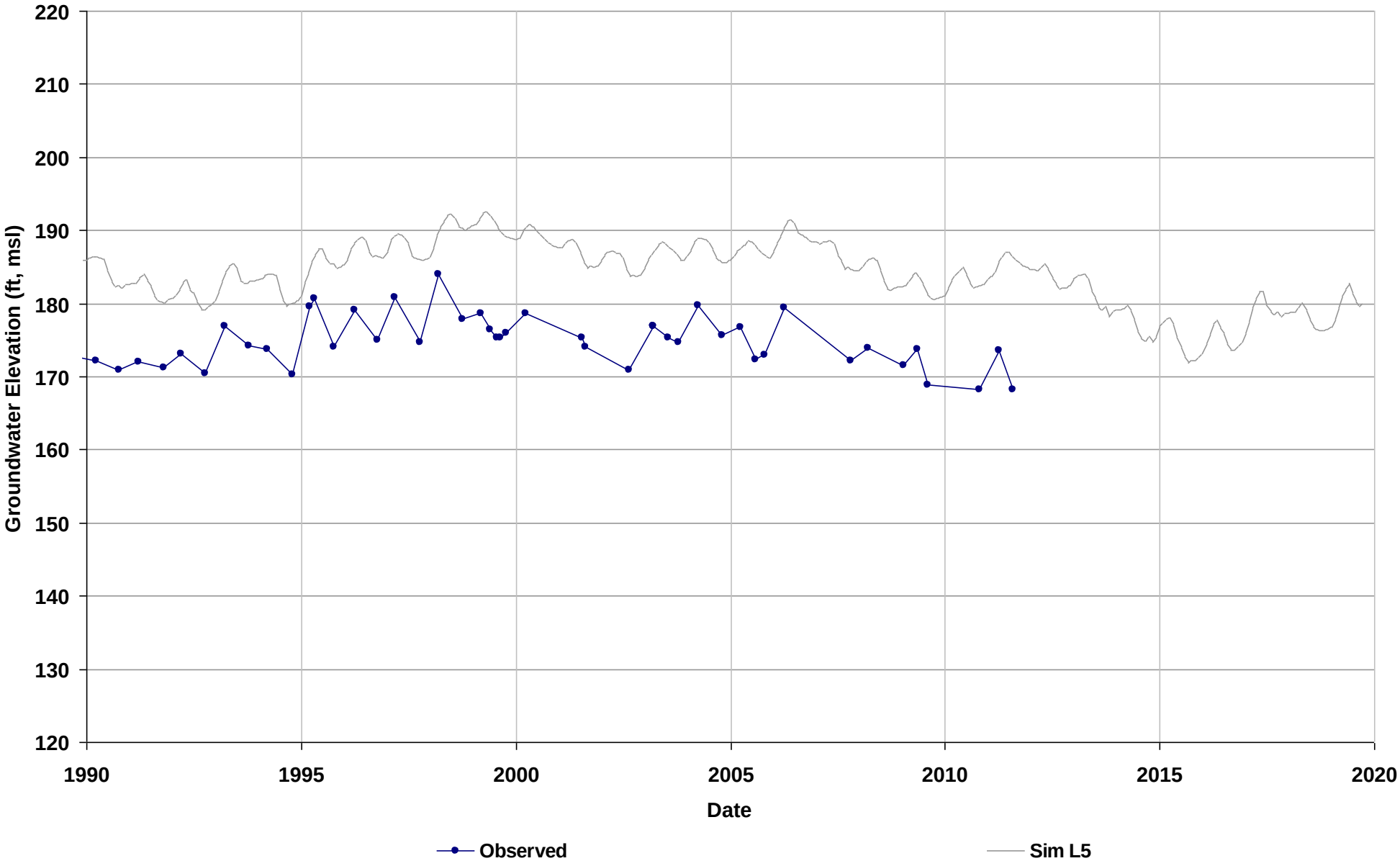
Average Residual (ft): 6.38



Well Name: 24N02W23G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 199

Total Depth (ft): 362
Perf Top (ft): 84
Perf Bottom (ft): 362
Top Model Layer: 5
Bottom Model Layer: 5

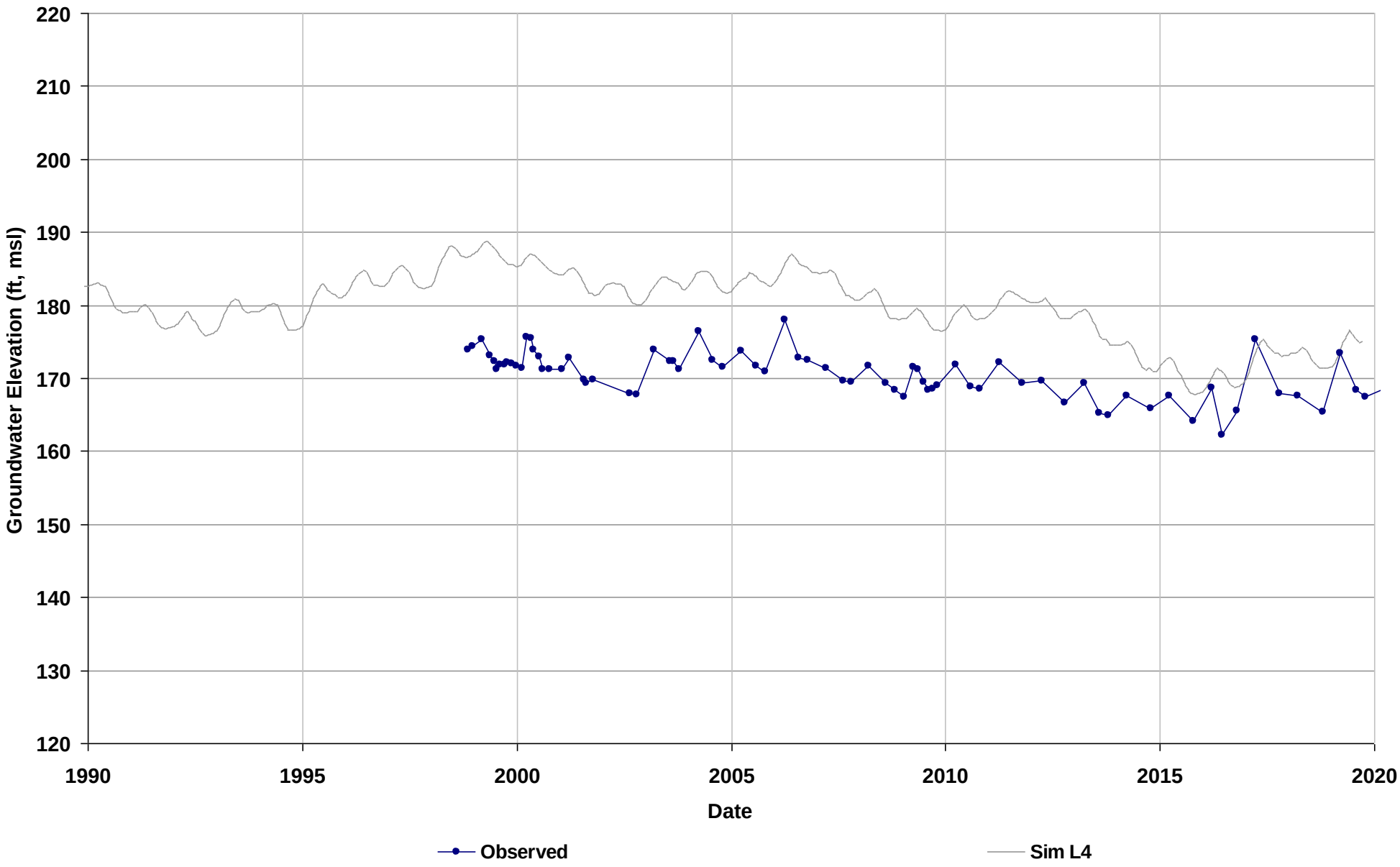
Average Residual (ft): 11.17



Well Name: 24N02W25G001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 194

Total Depth (ft): 256
Perf Top (ft): 108
Perf Bottom (ft): 256
Top Model Layer: 4
Bottom Model Layer: 4

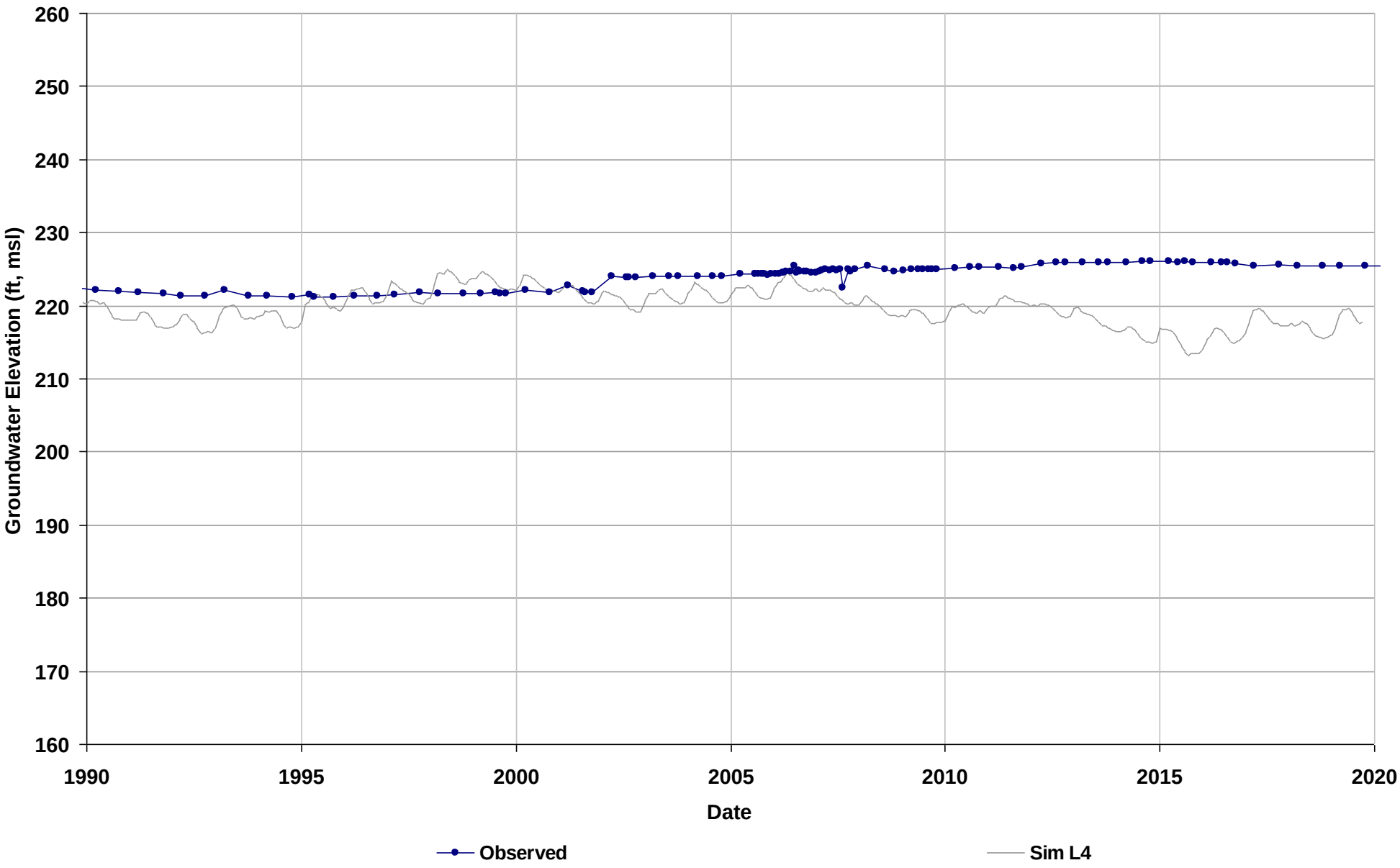
Average Residual (ft): 10.49



Well Name: 26N02W29R001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

Total Depth (ft): 184
Perf Top (ft): 183.5
Perf Bottom (ft): 184
Top Model Layer: 4
Bottom Model Layer: 4

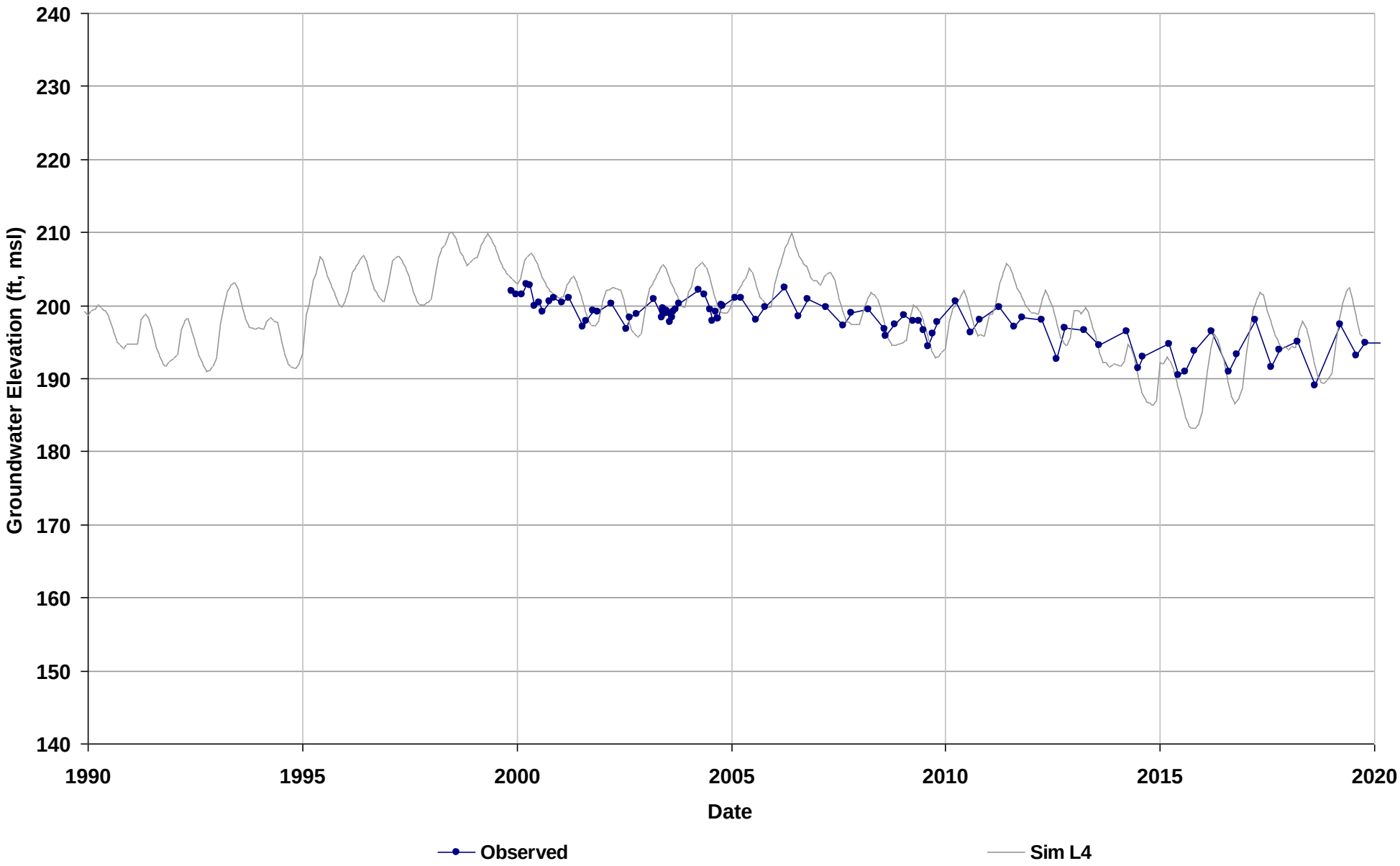
Average Residual (ft): -3.81



Well Name: 24N02W12P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 228

Total Depth (ft): 370
Perf Top (ft): 165
Perf Bottom (ft): 360
Top Model Layer: 4
Bottom Model Layer: 4

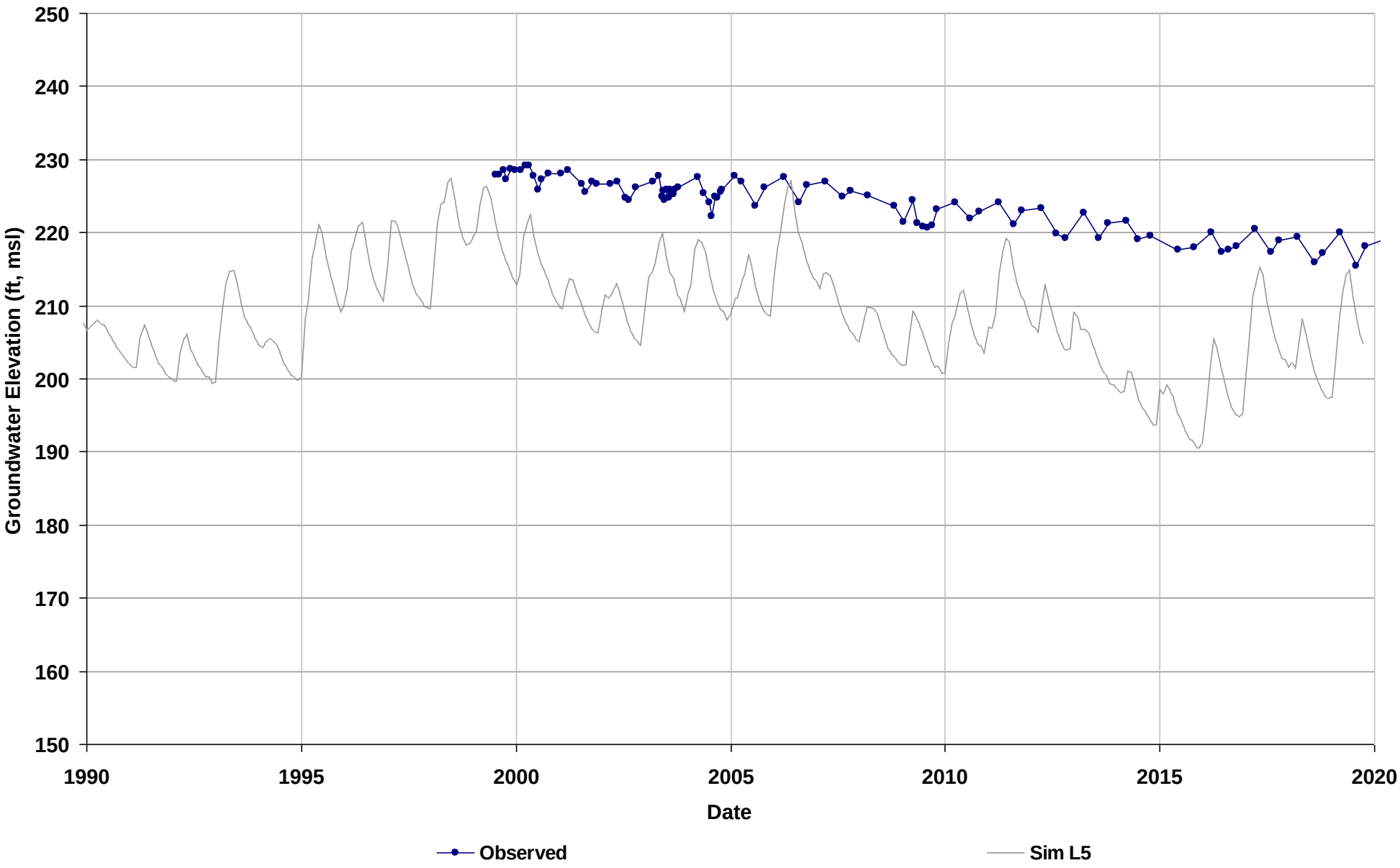
Average Residual (ft): 1.5



Well Name: 24N01W05J003M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 312

Total Depth (ft): 385
Perf Top (ft): 295
Perf Bottom (ft): 335
Top Model Layer: 5
Bottom Model Layer: 5

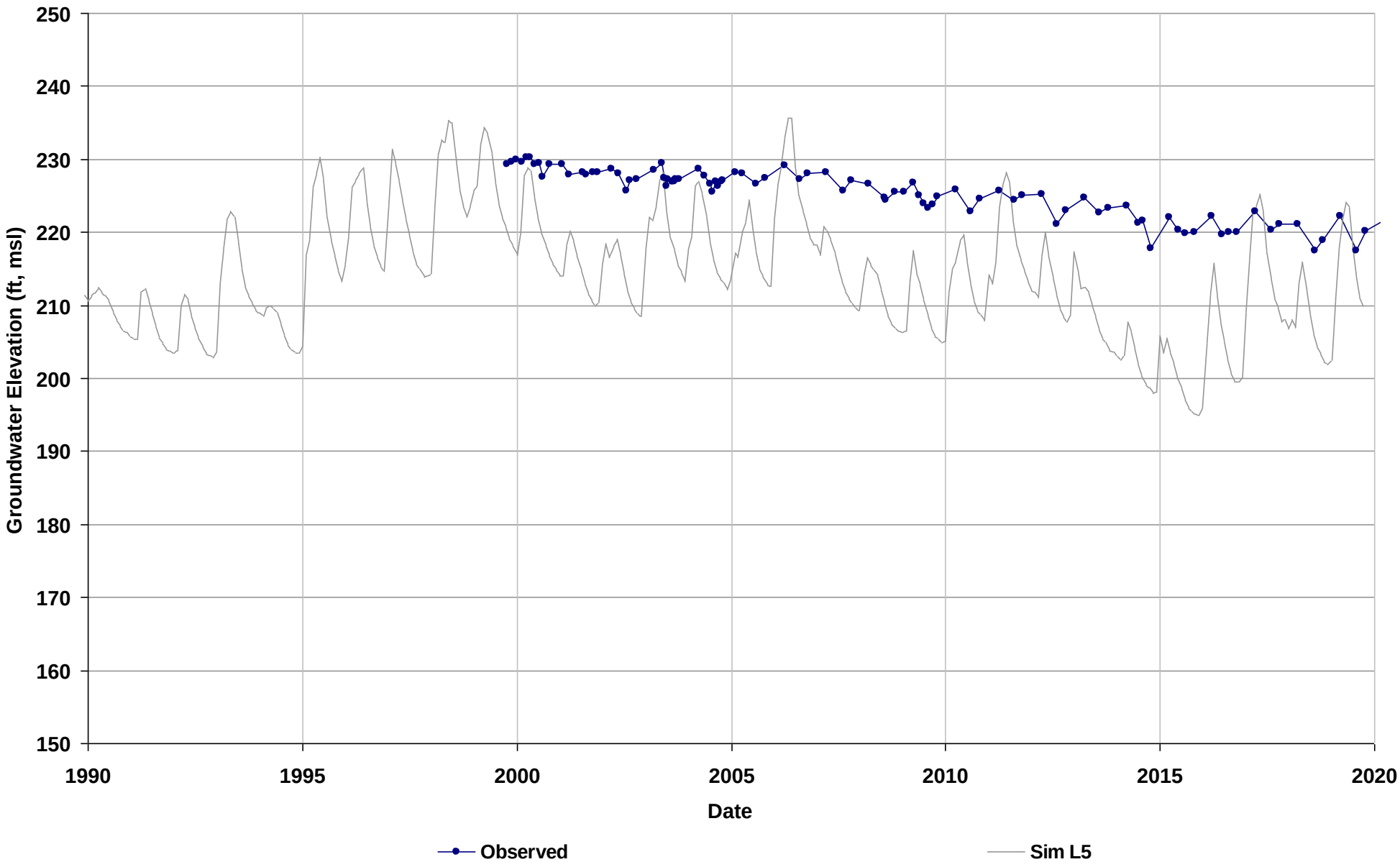
Average Residual (ft): -14.06



Well Name: 25N01W32P001M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 303

Total Depth (ft): 330
Perf Top (ft): 209
Perf Bottom (ft): 256
Top Model Layer: 5
Bottom Model Layer: 5

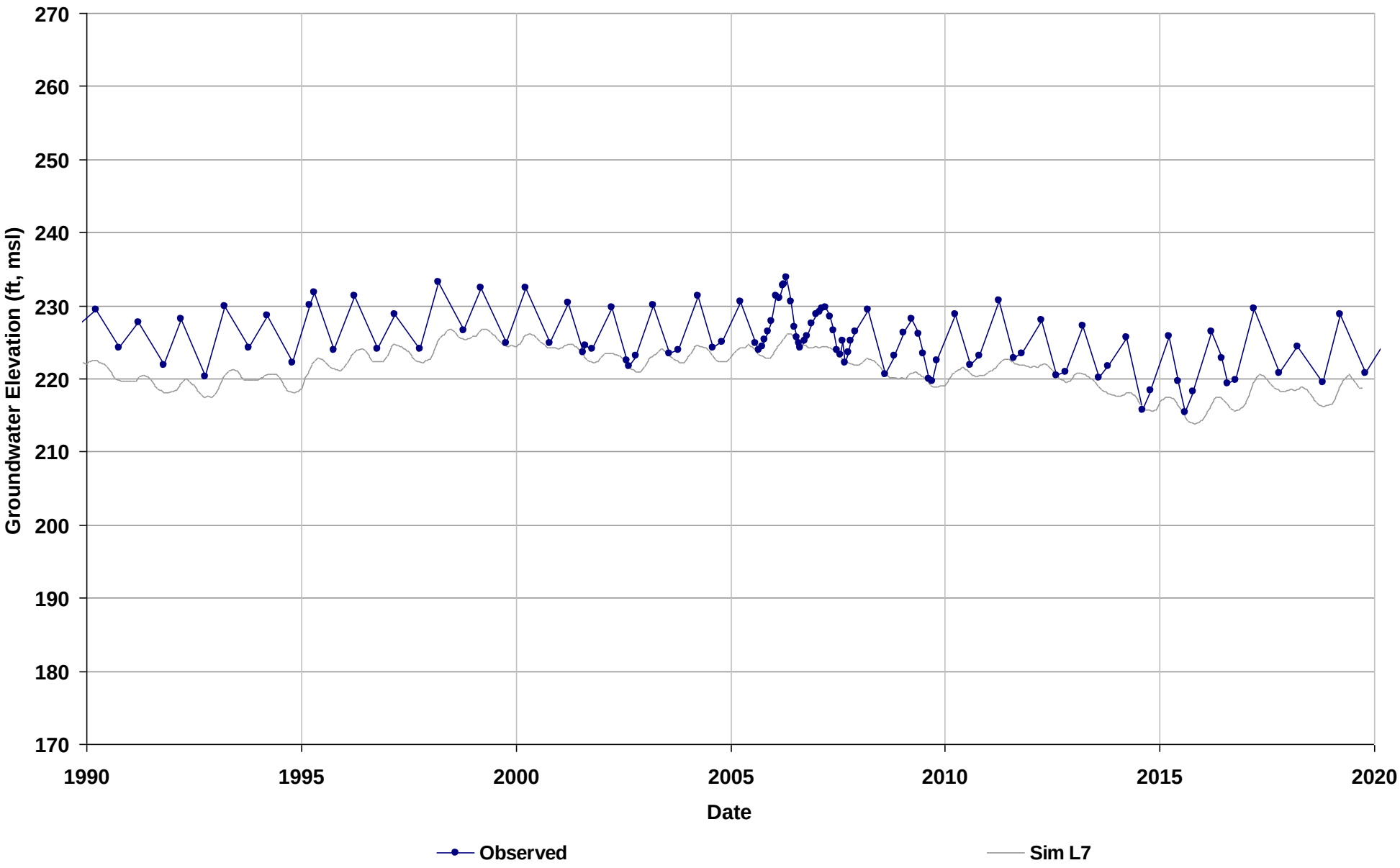
Average Residual (ft): -11.41



Well Name: 26N02W29R002M
Depth Zone: Upper
Subbasin: Los Molinos
GSE (ft, msl): 230

Total Depth (ft): 900
Perf Top (ft): 839.5
Perf Bottom (ft): 840.5
Top Model Layer: 7
Bottom Model Layer: 7

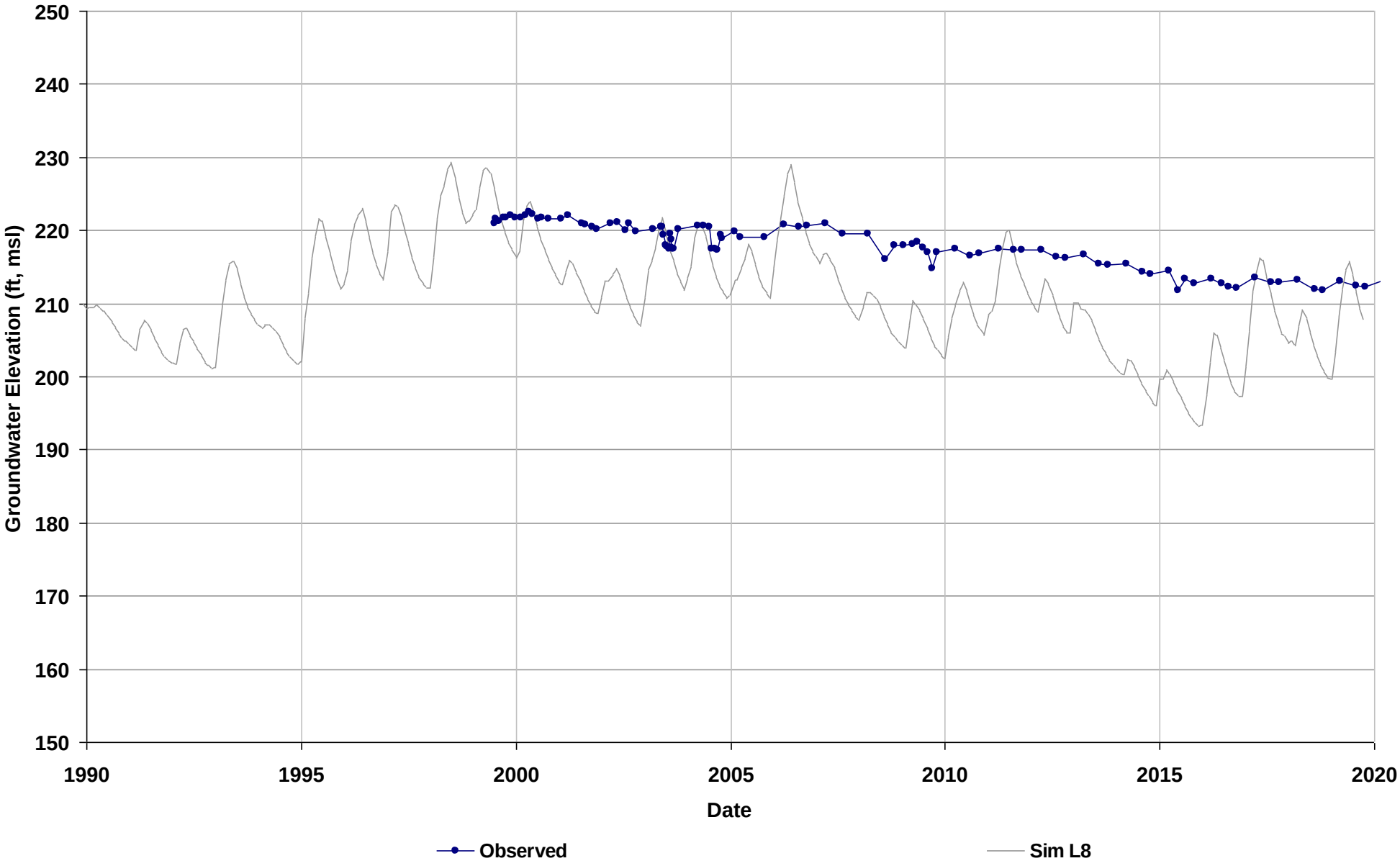
Average Residual (ft): -3.84



Well Name: 25N01W34N003M
Depth Zone: Lower
Subbasin: Los Molinos
GSE (ft, msl): 366

Total Depth (ft): 743
Perf Top (ft): 625
Perf Bottom (ft): 680
Top Model Layer: 8
Bottom Model Layer: 8

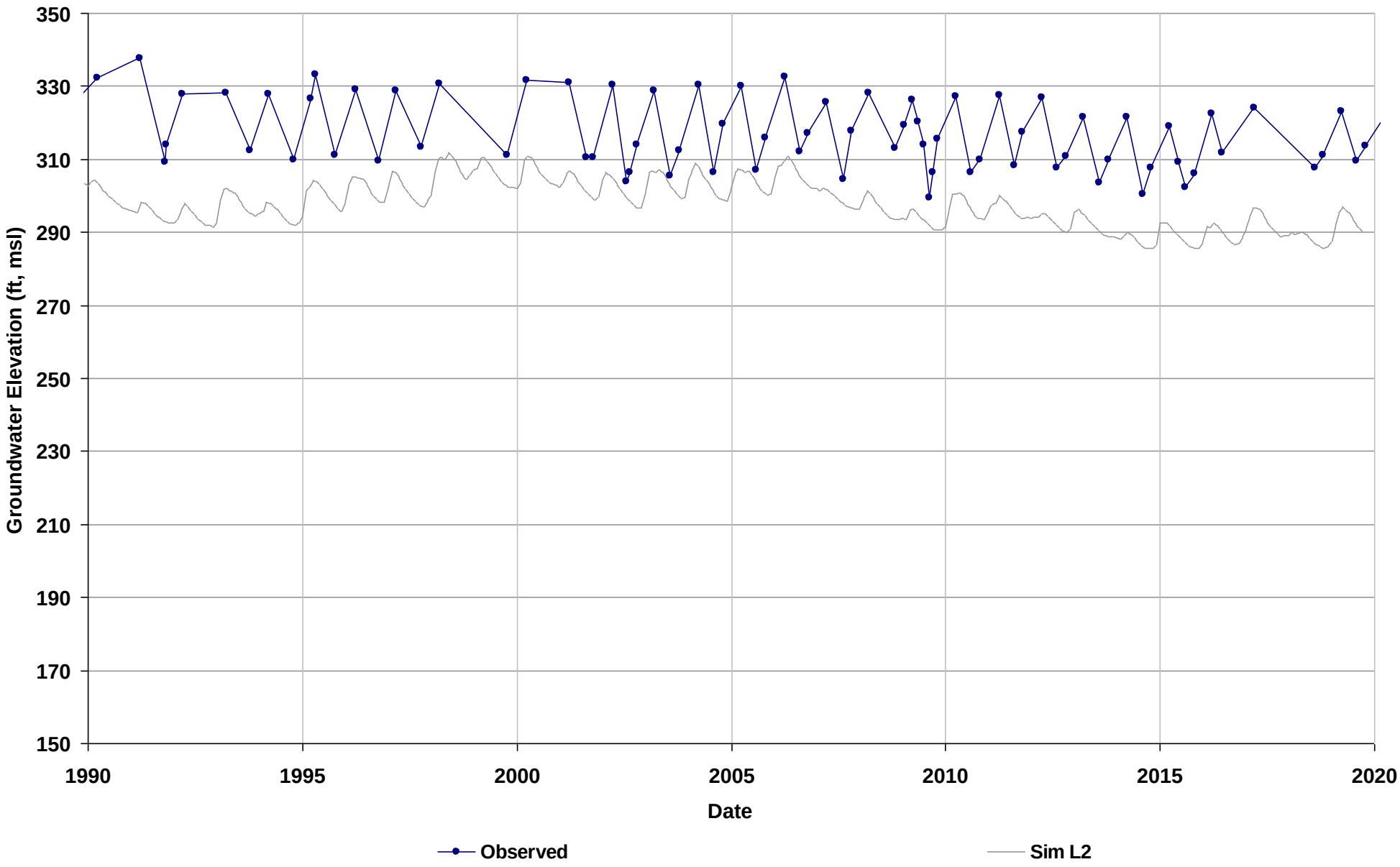
Average Residual (ft): -5.98



Well Name: 27N04W35E001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 438

Total Depth (ft): 280
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2

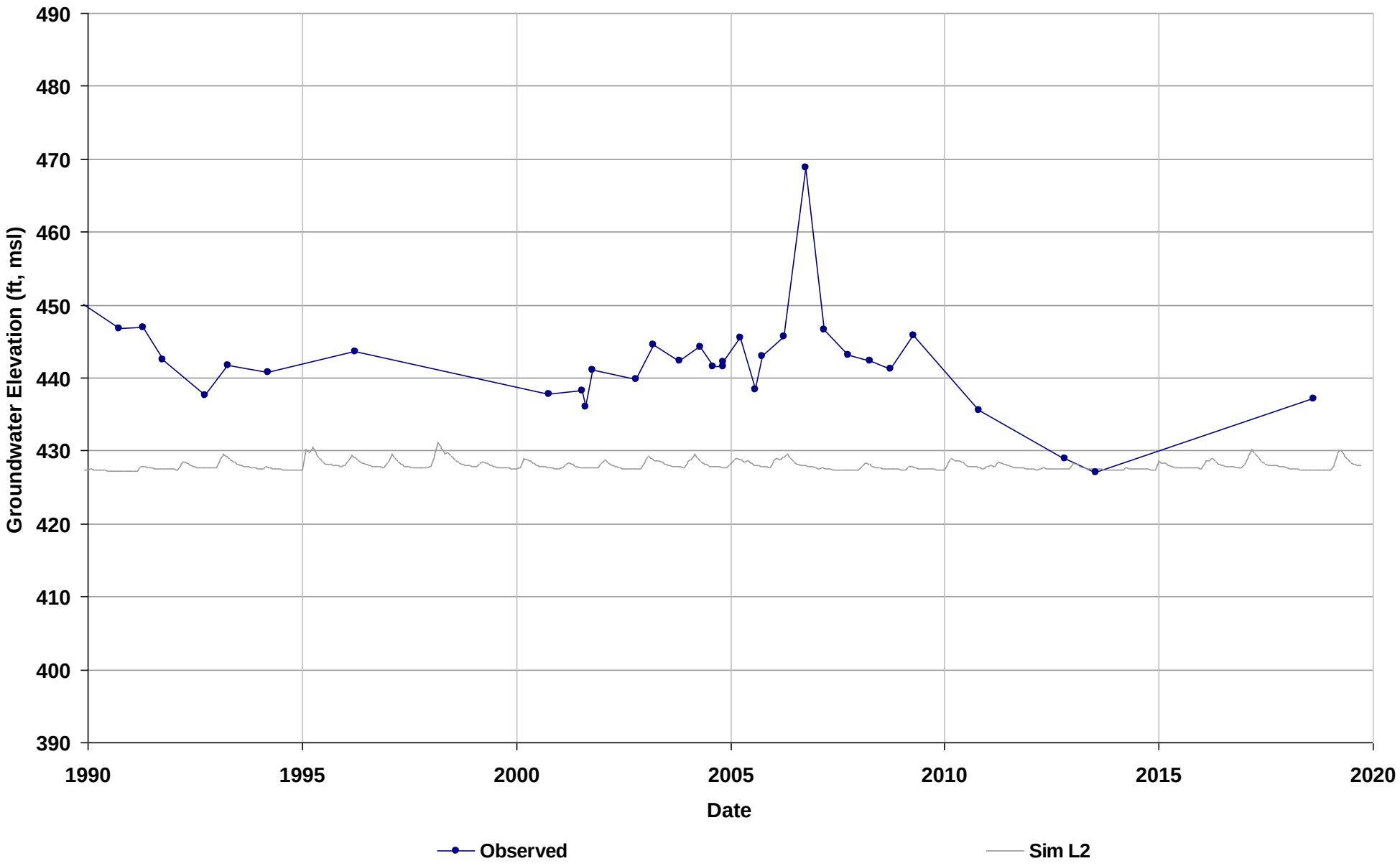
Average Residual (ft): -19.78



Well Name: 25N05W24D001M
Depth Zone: Unknown
Subbasin: Red Bluff
GSE (ft, msl): 515

Total Depth (ft):
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2

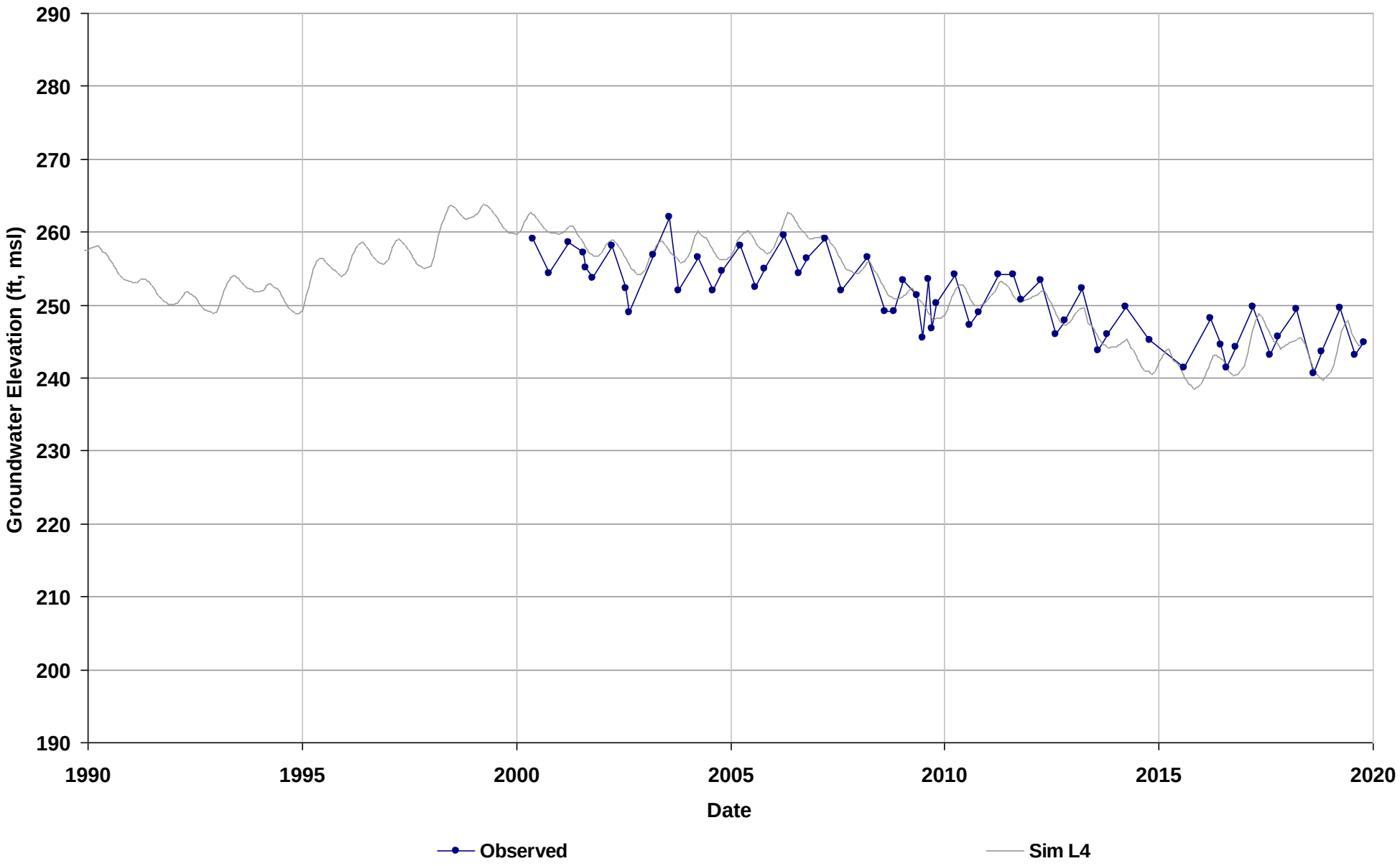
Average Residual (ft): -13.9



Well Name: 26N03W17B001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 309

Total Depth (ft): 180
Perf Top (ft): 160
Perf Bottom (ft): 180
Top Model Layer: 4
Bottom Model Layer: 4

Average Residual (ft): 0.65

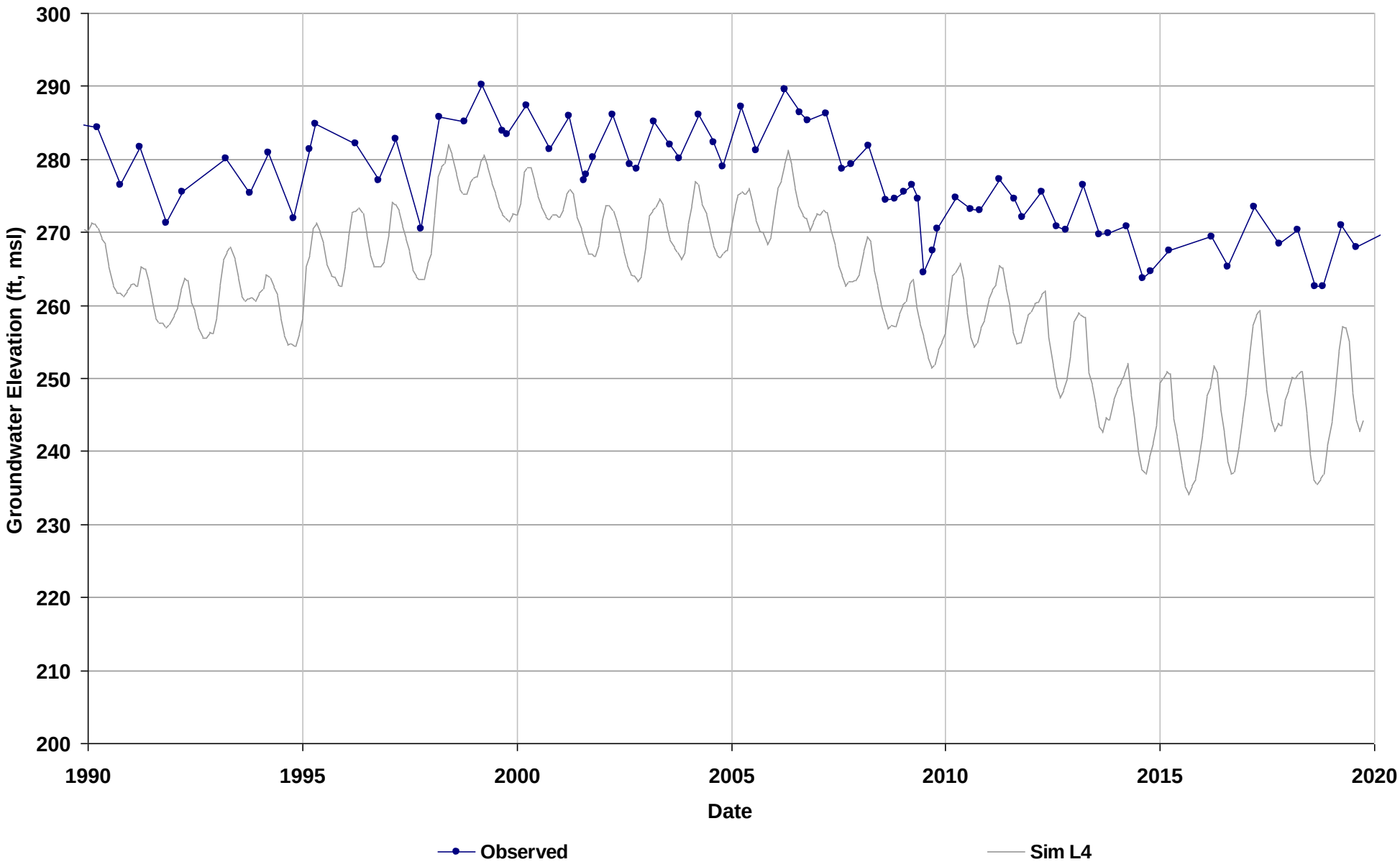


Tehama IHM - Historical

Well Name: 26N04W25J001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 333

Total Depth (ft): 128
Perf Top (ft): 116
Perf Bottom (ft): 124
Top Model Layer: 4
Bottom Model Layer: 4

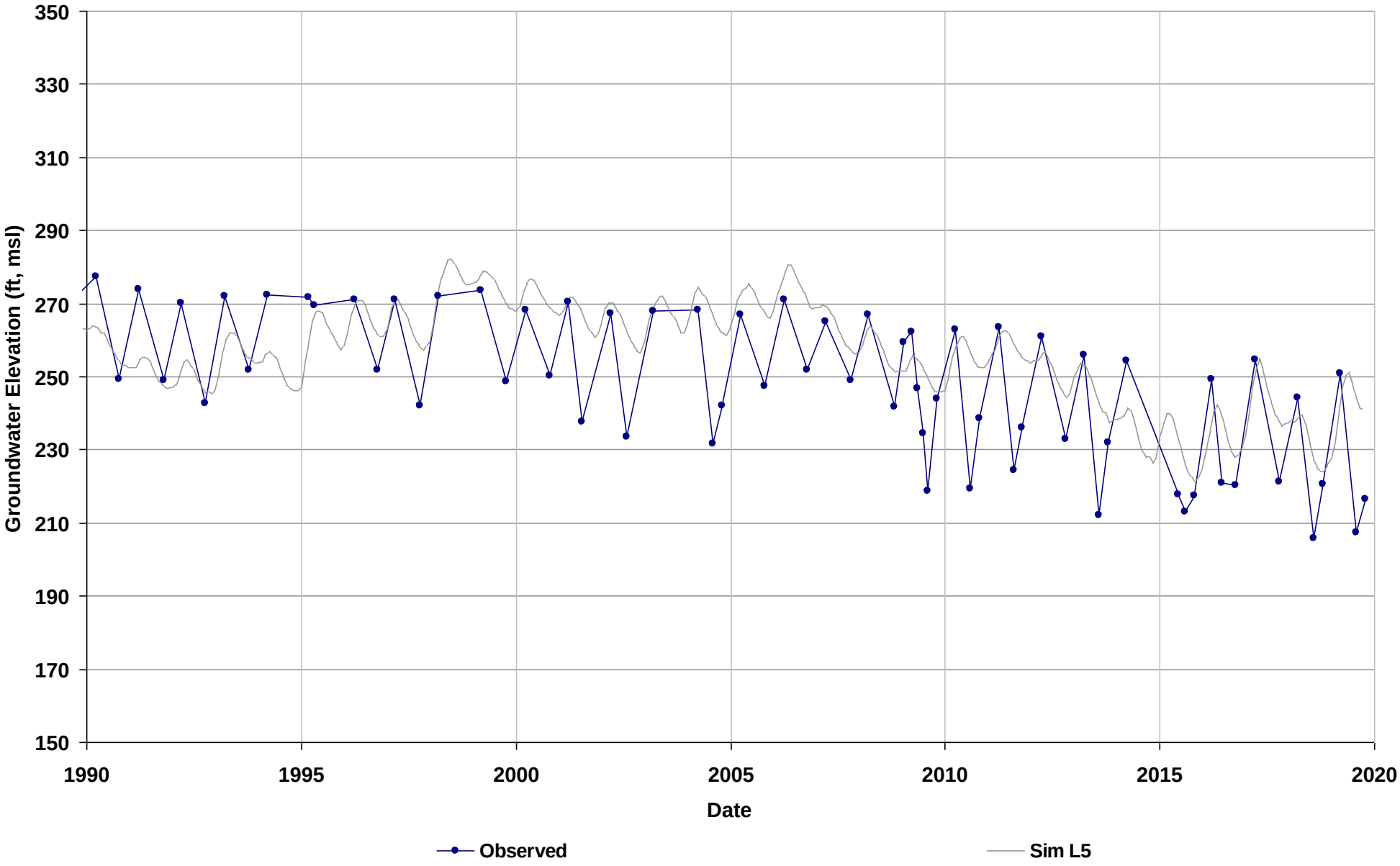
Average Residual (ft): -14.84



Well Name: 25N03W19N001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 327

Total Depth (ft): 370
Perf Top (ft): 135
Perf Bottom (ft): 358
Top Model Layer: 5
Bottom Model Layer: 5

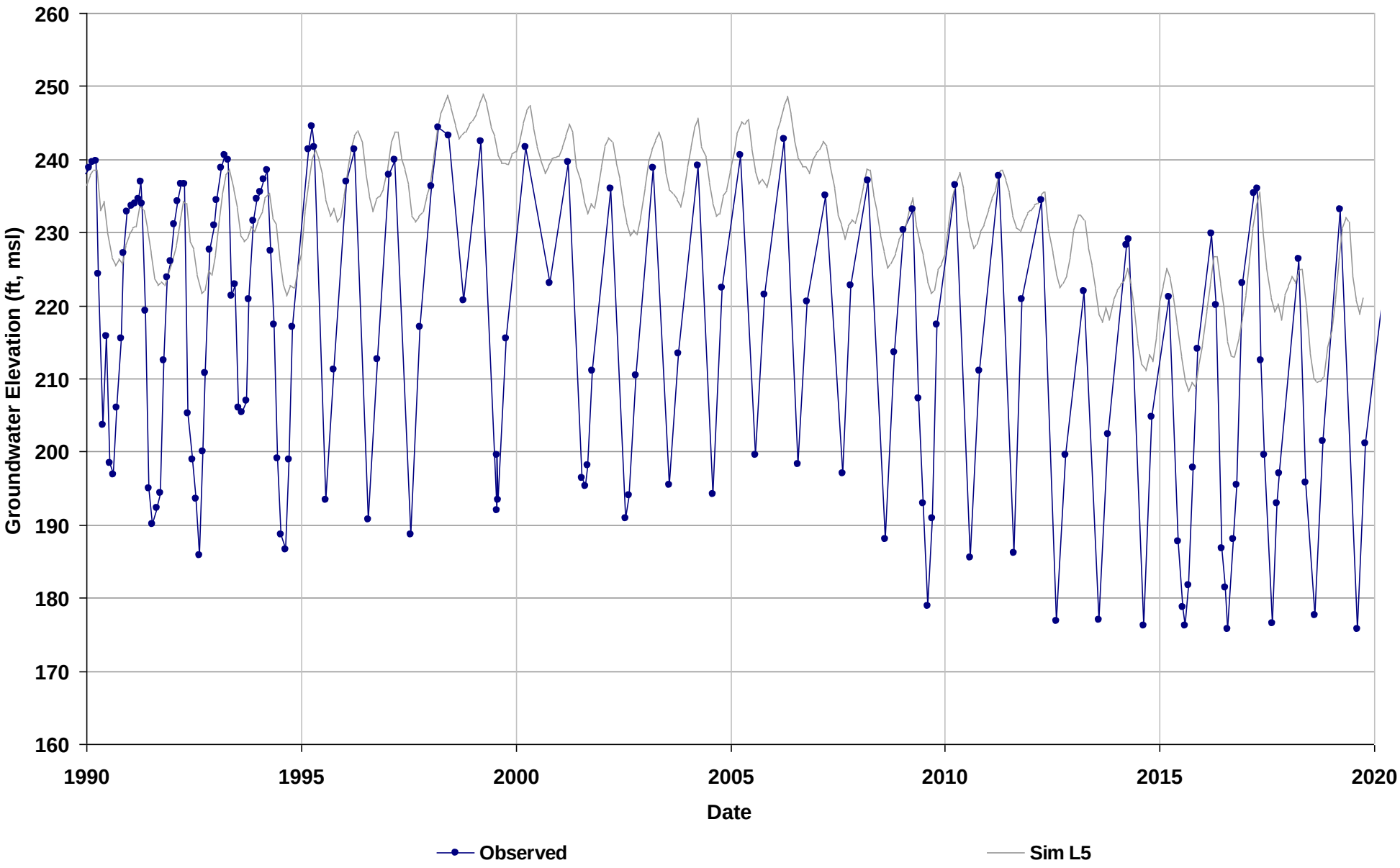
Average Residual (ft): 6.64



Well Name: 25N03W10L001M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 276

Total Depth (ft): 400
Perf Top (ft): 251
Perf Bottom (ft): 400
Top Model Layer: 5
Bottom Model Layer: 5

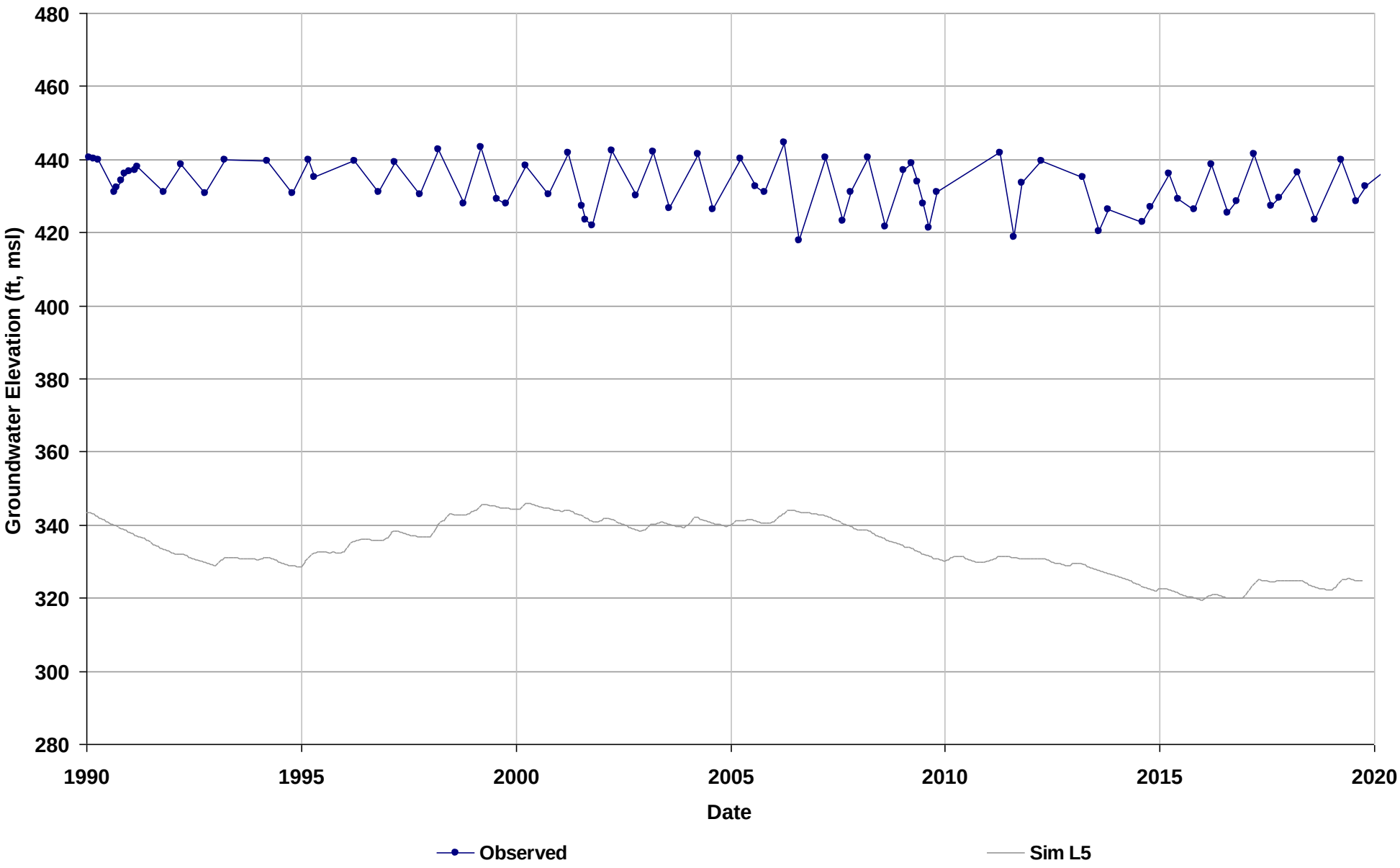
Average Residual (ft): 15.94



Well Name: 27N04W05G002M
Depth Zone: Upper
Subbasin: Red Bluff
GSE (ft, msl): 482

Total Depth (ft): 260
Perf Top (ft): 231
Perf Bottom (ft): 251
Top Model Layer: 5
Bottom Model Layer: 5

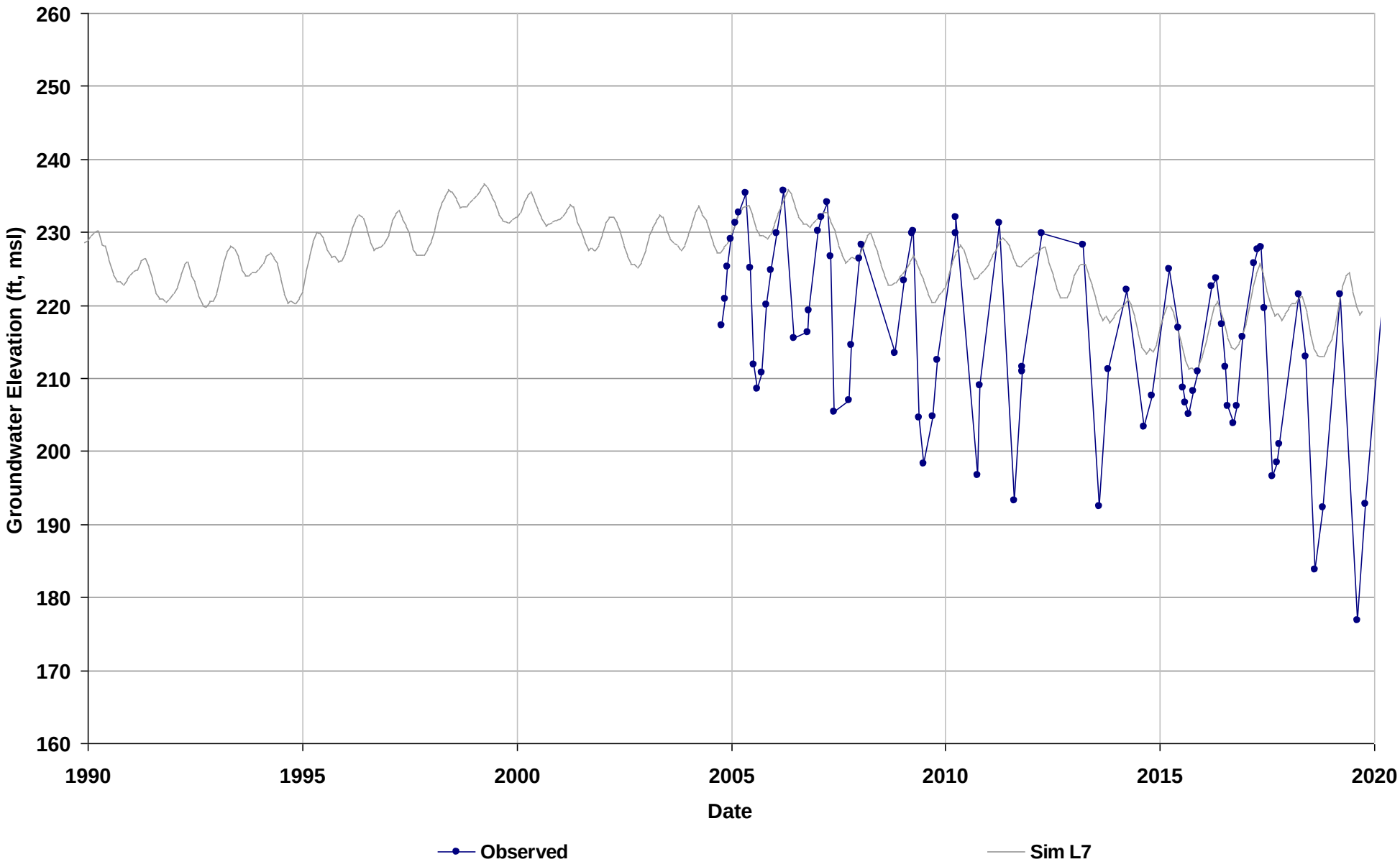
Average Residual (ft): -98.13



Well Name: 25N03W11B003M
Depth Zone: Lower
Subbasin: Red Bluff
GSE (ft, msl): 252

Total Depth (ft): 1000
Perf Top (ft): 940
Perf Bottom (ft): 960
Top Model Layer: 7
Bottom Model Layer: 7

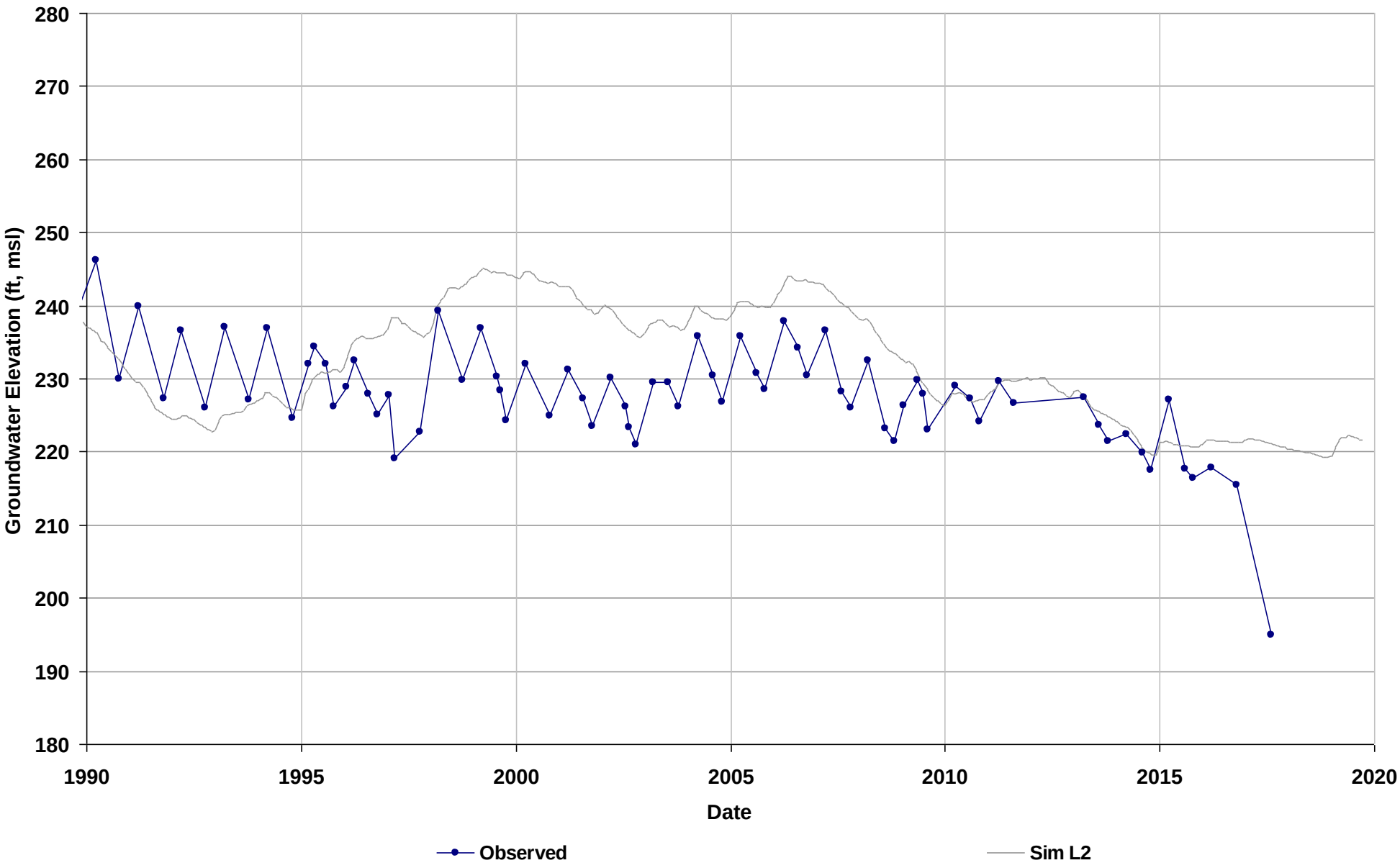
Average Residual (ft): 7.26



Well Name: 23N03W05G001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 279

Total Depth (ft): 70
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 2
Bottom Model Layer: 2

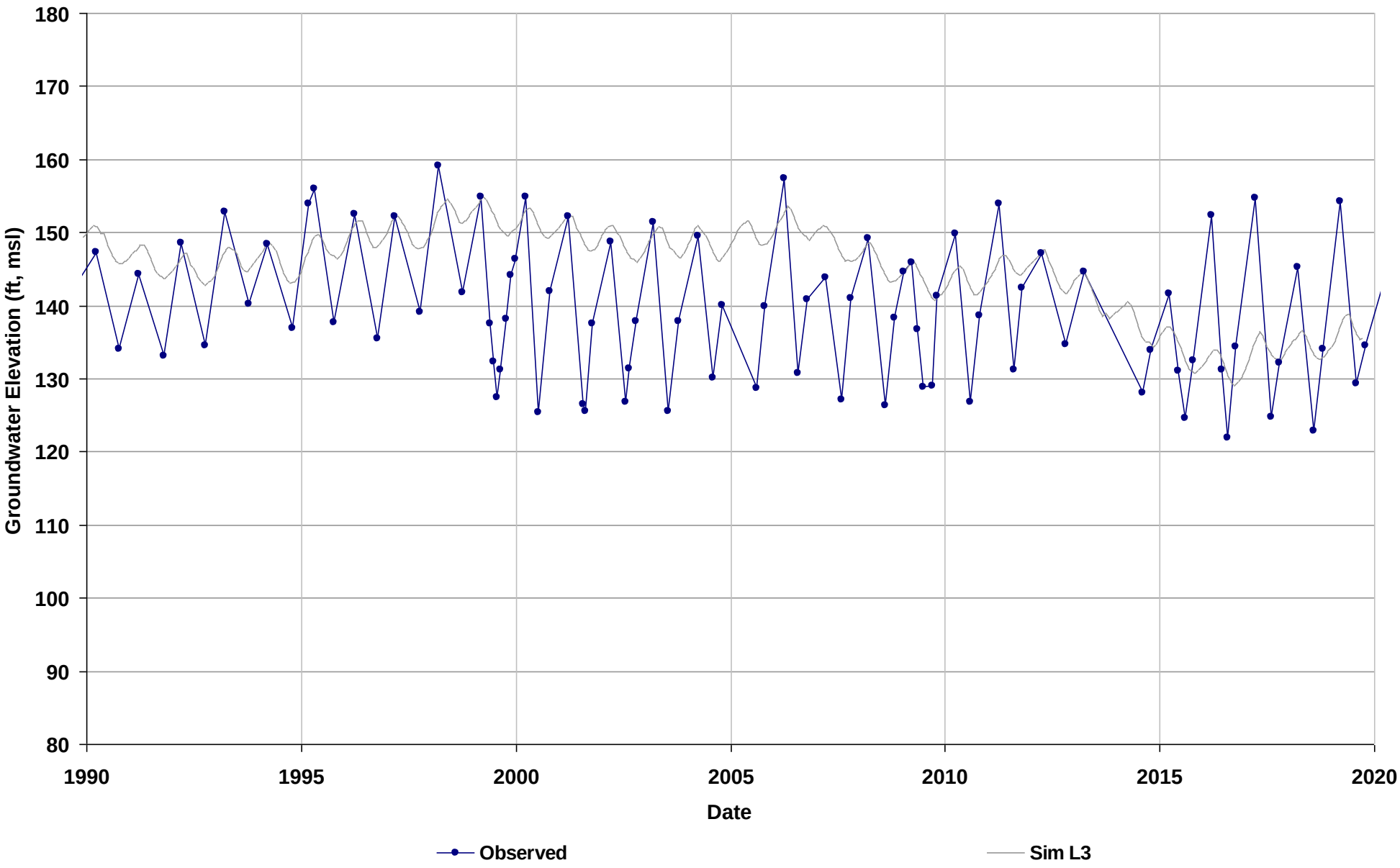
Average Residual (ft): 5.77



Well Name: 23N02W34A001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 172

Total Depth (ft): 130
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 3
Bottom Model Layer: 3

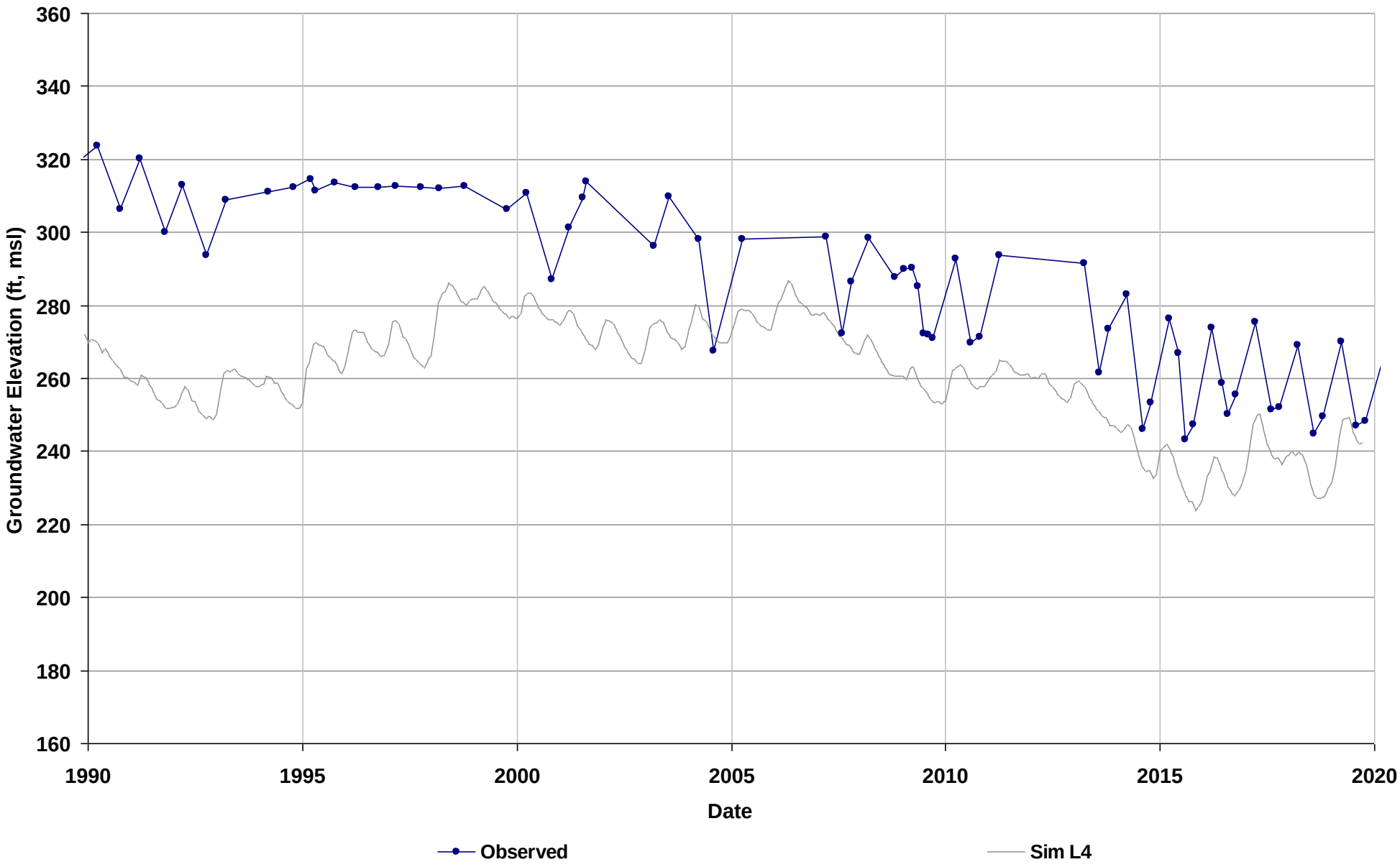
Average Residual (ft): 5.92



Well Name: 24N04W14N002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 375

Total Depth (ft): 180
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4

Average Residual (ft): -29.89

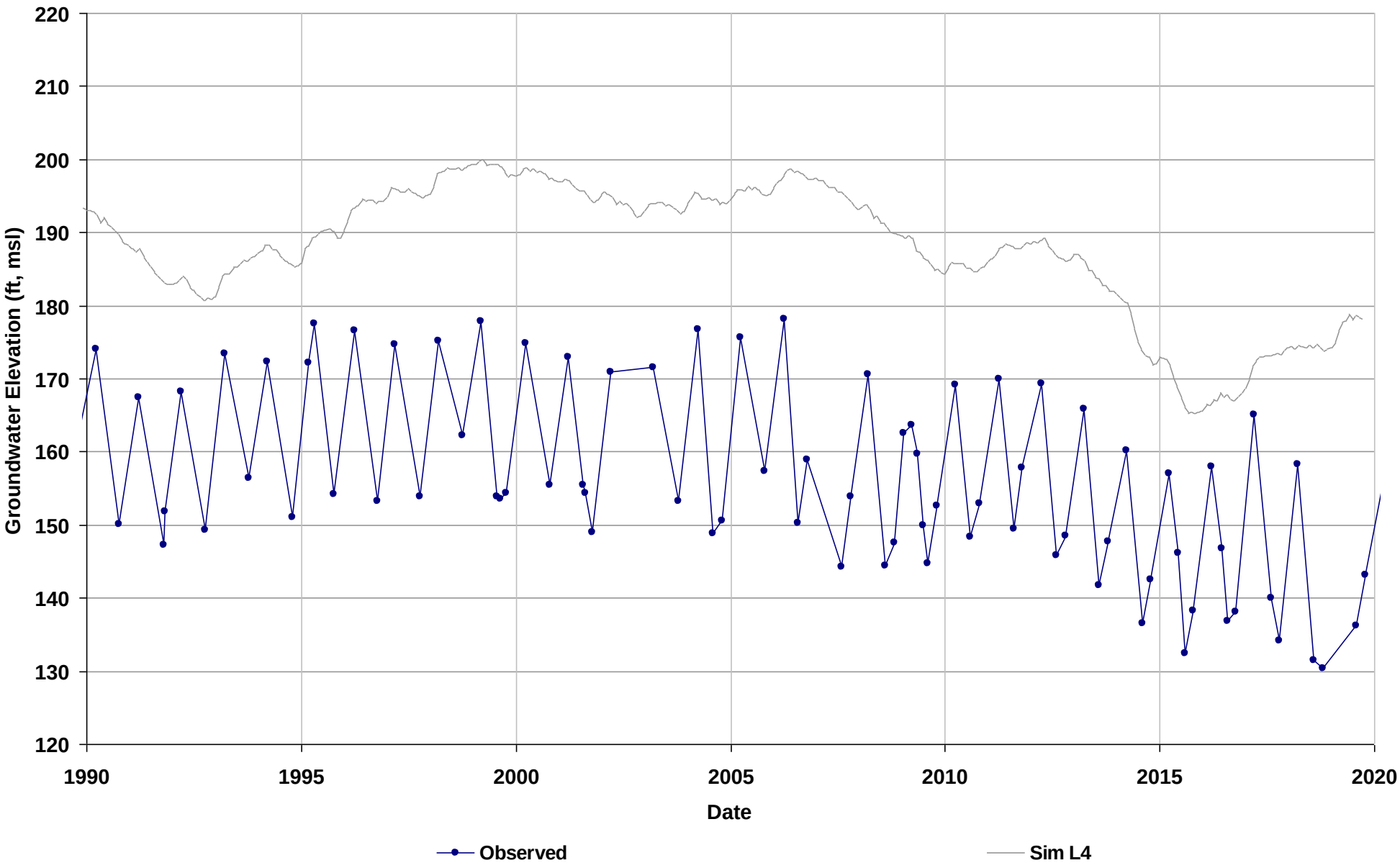


Tehama IHM - Historical

Well Name: 23N03W24A002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 207

Total Depth (ft): 200
Perf Top (ft):
Perf Bottom (ft):
Top Model Layer: 4
Bottom Model Layer: 4

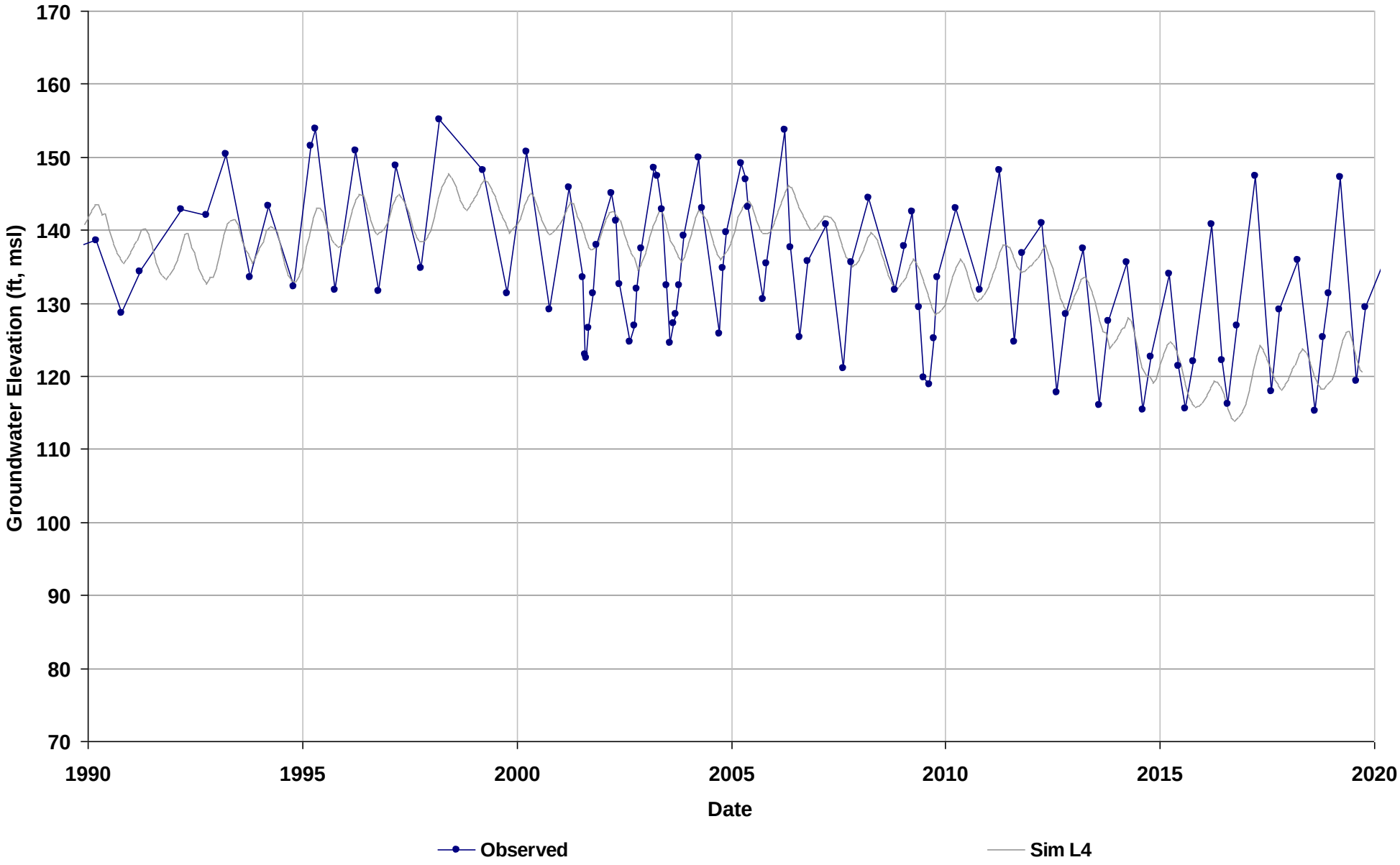
Average Residual (ft): 30.42



Well Name: 22N02W11Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 166

Total Depth (ft):
Perf Top (ft): 12
Perf Bottom (ft): 239
Top Model Layer: 4
Bottom Model Layer: 4

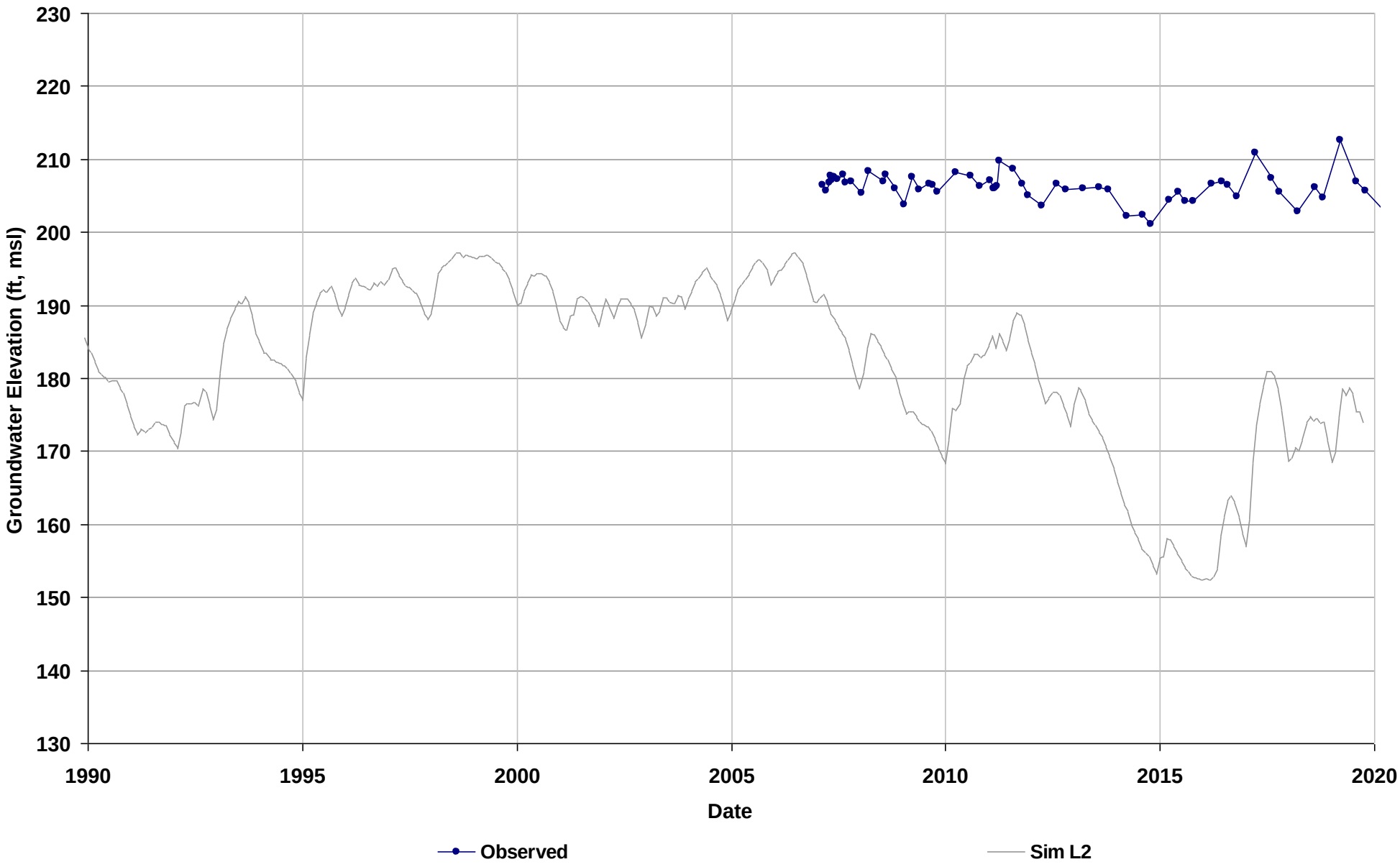
Average Residual (ft): 0.52



Well Name: 22N02W18C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 90
Perf Top (ft): 55
Perf Bottom (ft): 65
Top Model Layer: 2
Bottom Model Layer: 2

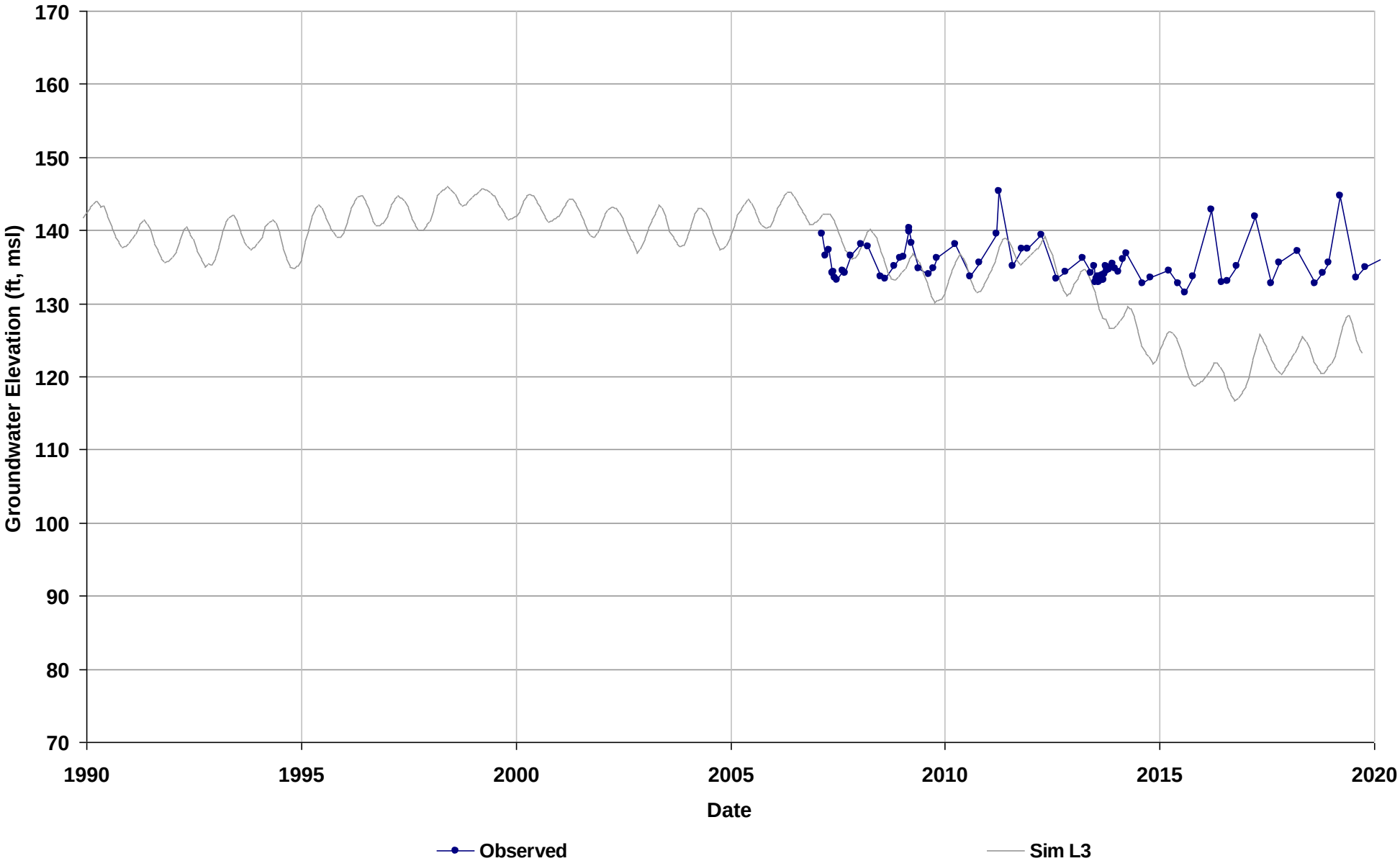
Average Residual (ft): -29.43



Well Name: 22N02W01N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

Total Depth (ft): 108
Perf Top (ft): 70
Perf Bottom (ft): 80
Top Model Layer: 3
Bottom Model Layer: 3

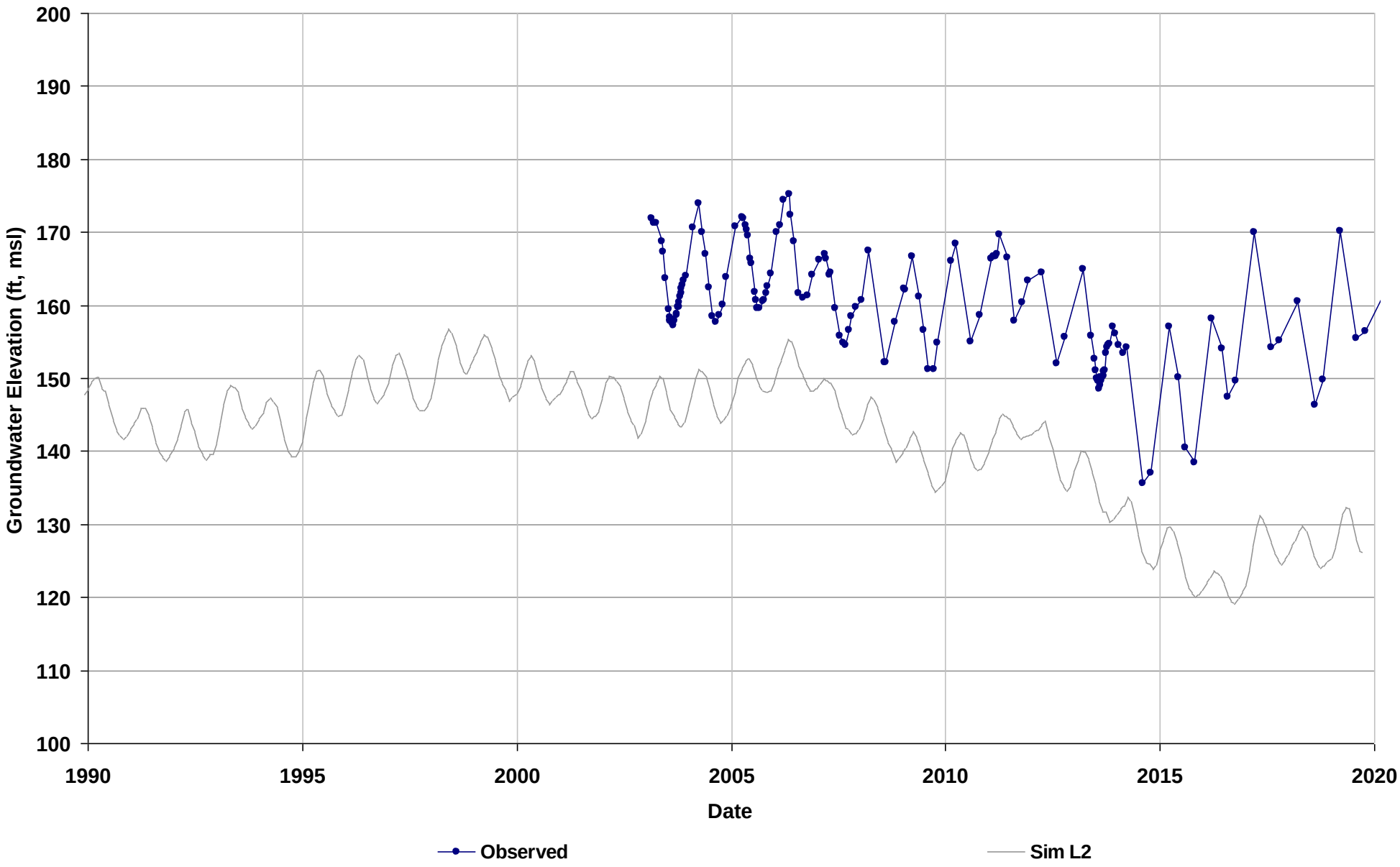
Average Residual (ft): -4.28



Well Name: 22N02W15C005M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 100
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 2
Bottom Model Layer: 2

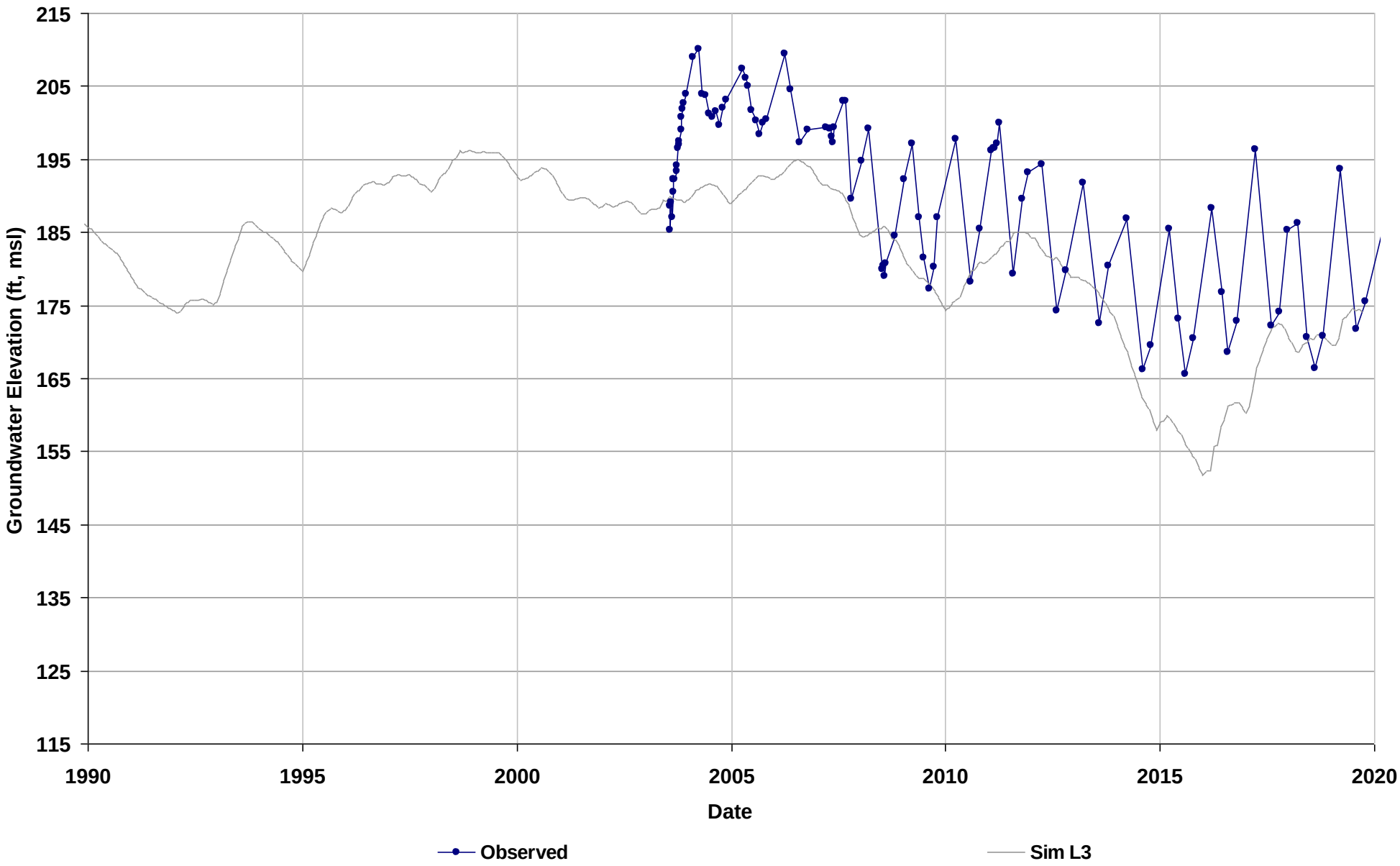
Average Residual (ft): -18.4



Well Name: 22N03W01R003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

Total Depth (ft): 103
Perf Top (ft): 60
Perf Bottom (ft): 70
Top Model Layer: 3
Bottom Model Layer: 3

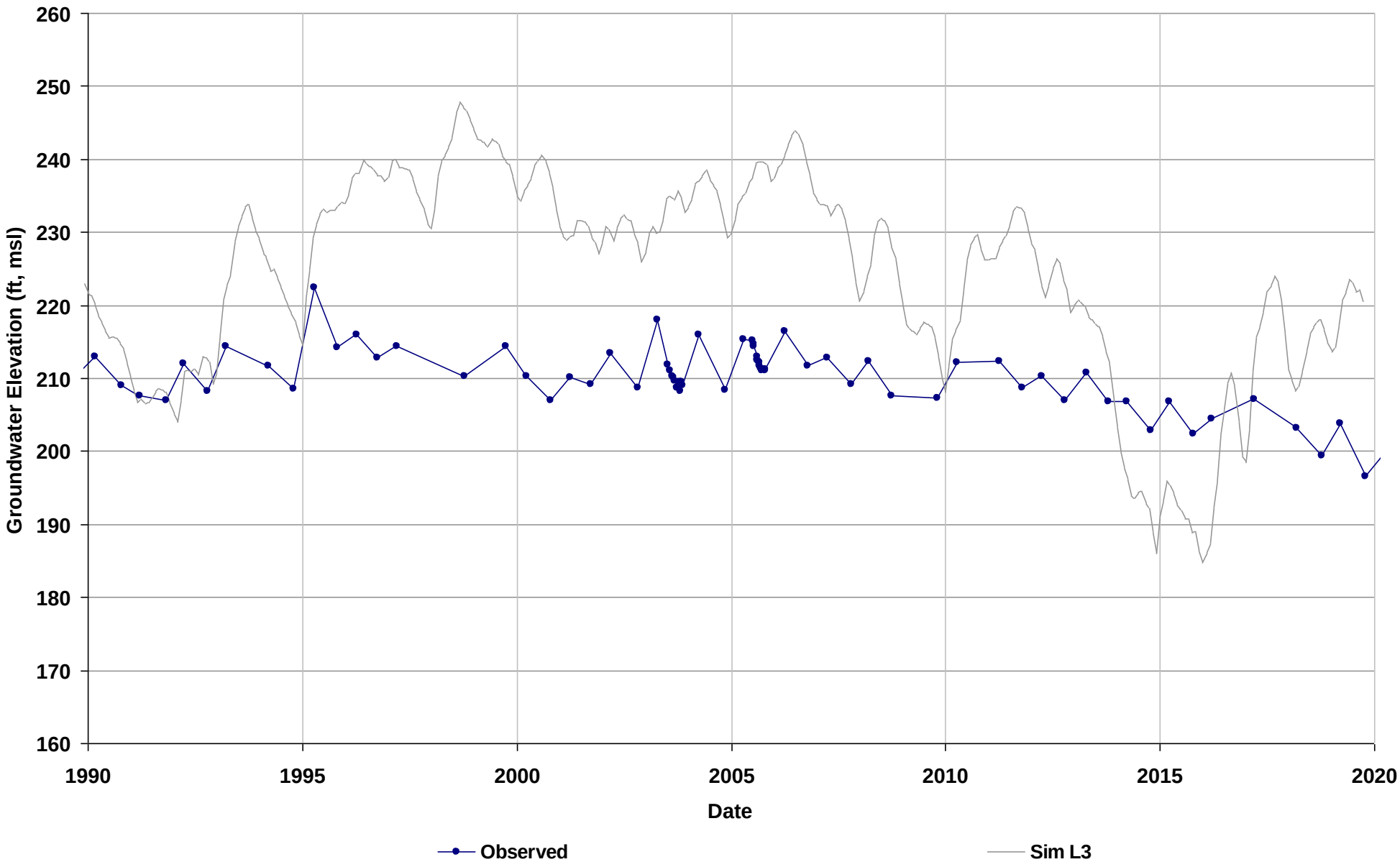
Average Residual (ft): -8.46



Well Name: 22N03W04E001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 285

Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 180
Top Model Layer: 3
Bottom Model Layer: 3

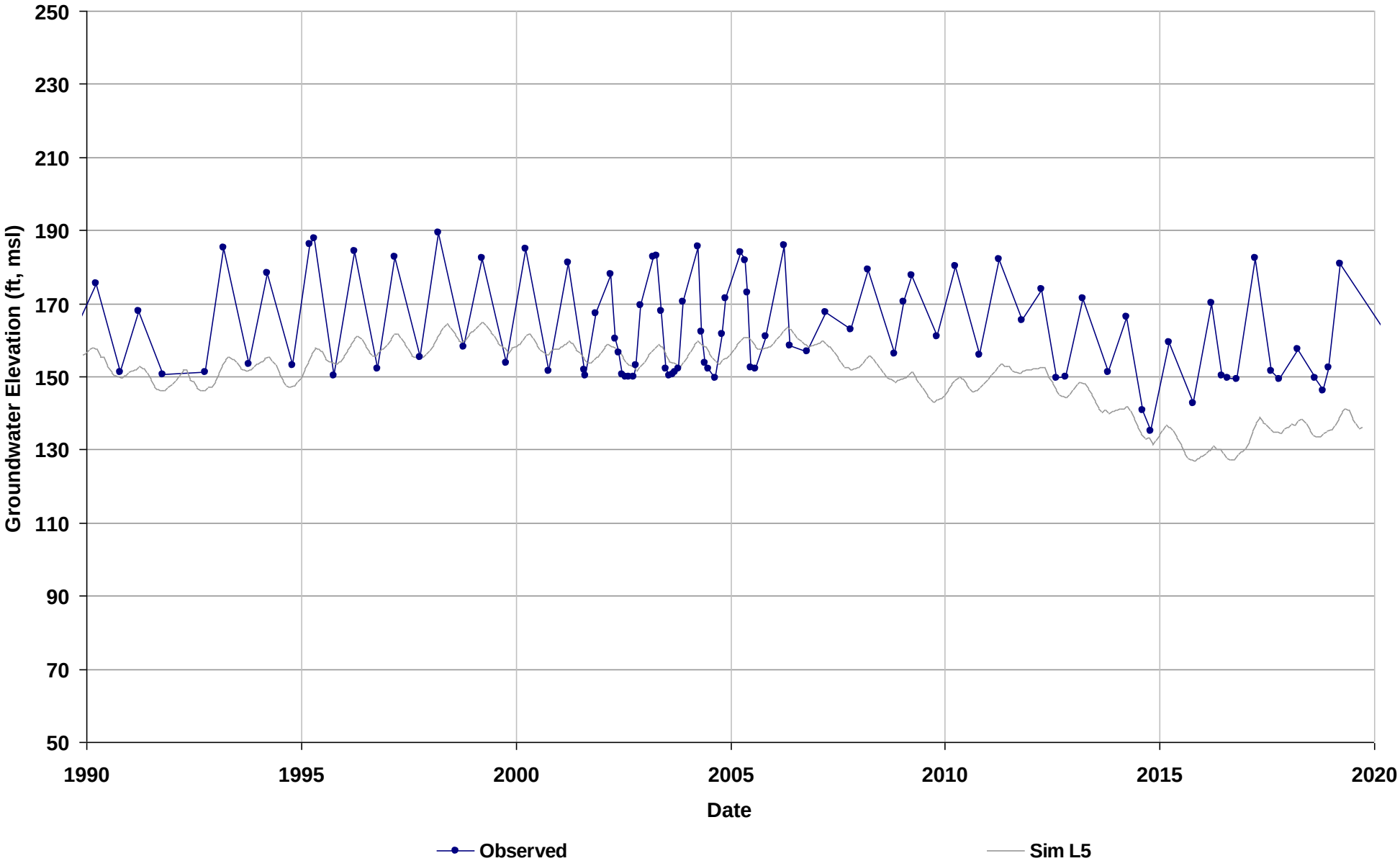
Average Residual (ft): 17.11



Well Name: 22N02W09L003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 197

Total Depth (ft):
Perf Top (ft): 40
Perf Bottom (ft): 536
Top Model Layer: 5
Bottom Model Layer: 5

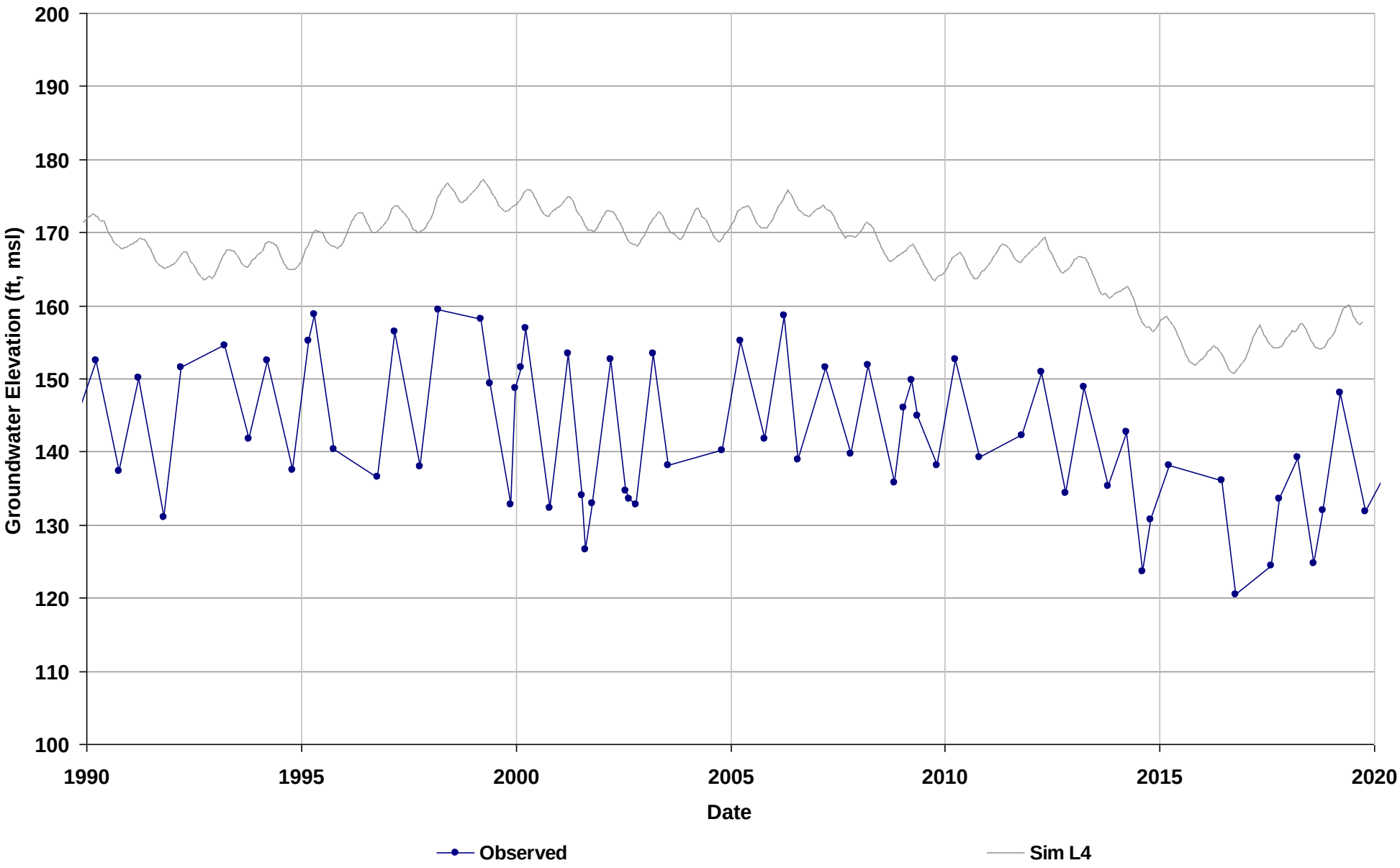
Average Residual (ft): -11.56



Well Name: 23N02W16B001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 184

Total Depth (ft): 120
Perf Top (ft): 100
Perf Bottom (ft): 120
Top Model Layer: 4
Bottom Model Layer: 4

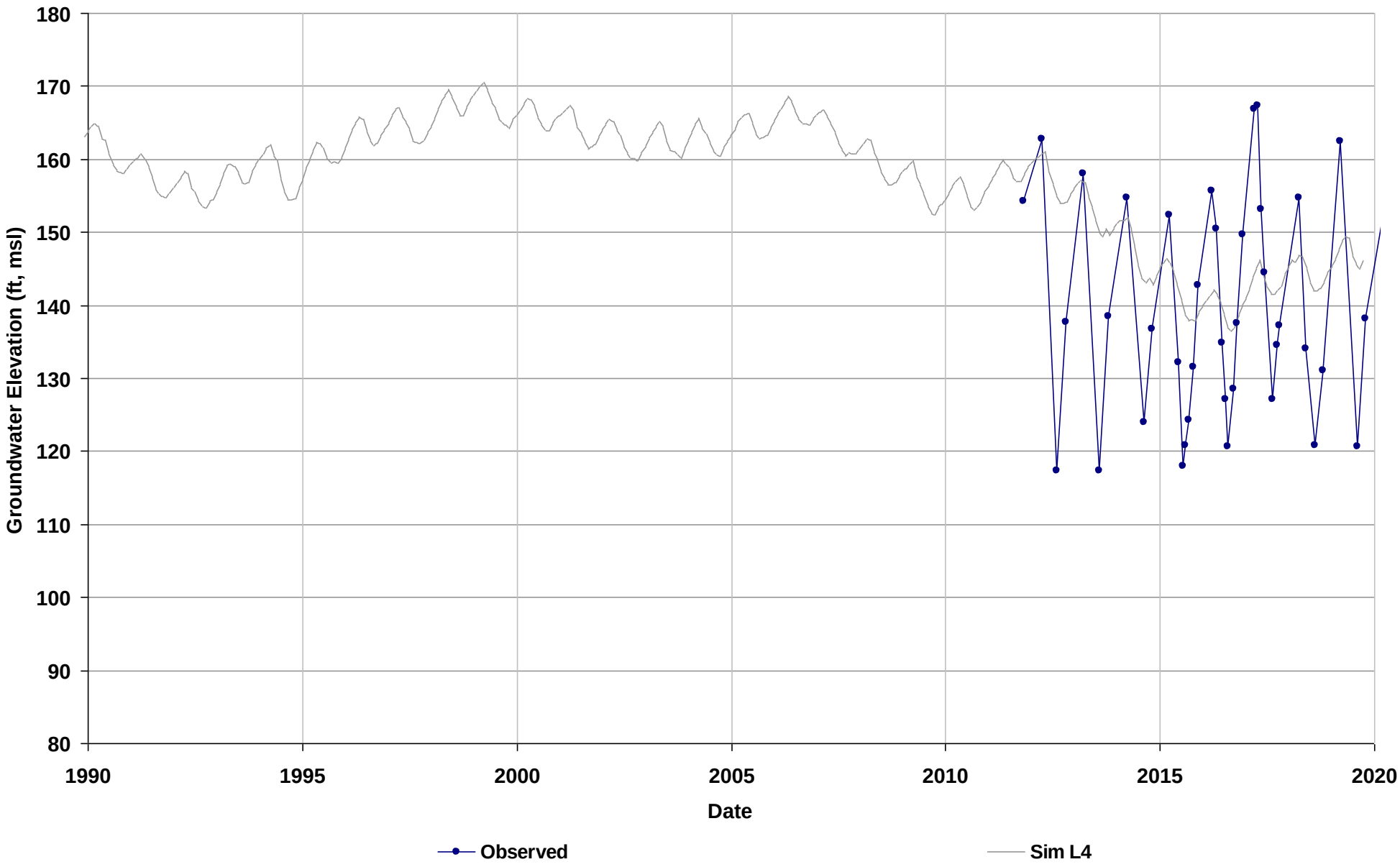
Average Residual (ft): 25.24



Well Name: 23N02W28N004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 202

Total Depth (ft): 205
Perf Top (ft): 100
Perf Bottom (ft): 170
Top Model Layer: 4
Bottom Model Layer: 4

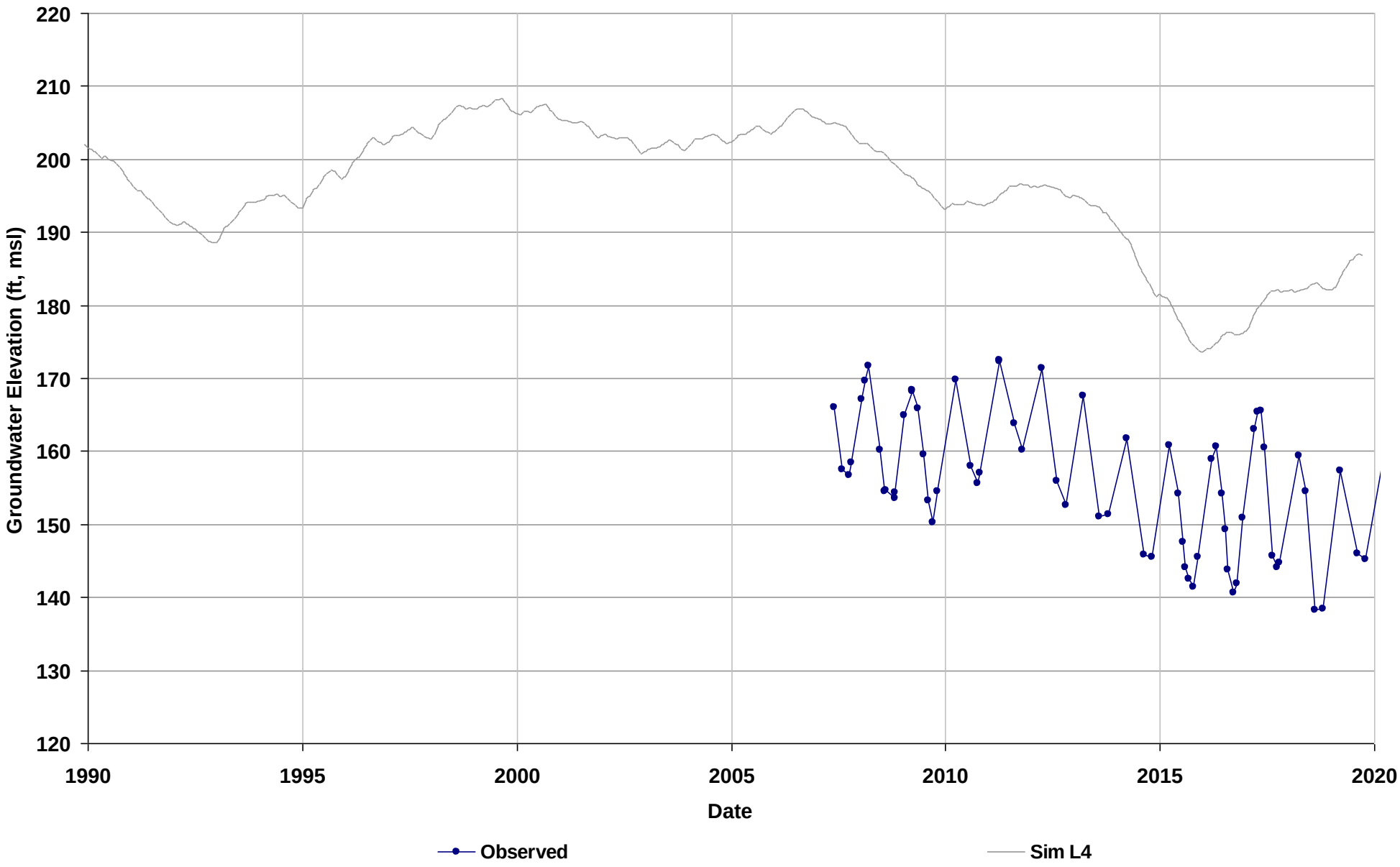
Average Residual (ft): 5.35



Well Name: 23N03W13C006M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 213

Total Depth (ft): 182
Perf Top (ft): 95
Perf Bottom (ft): 135
Top Model Layer: 4
Bottom Model Layer: 4

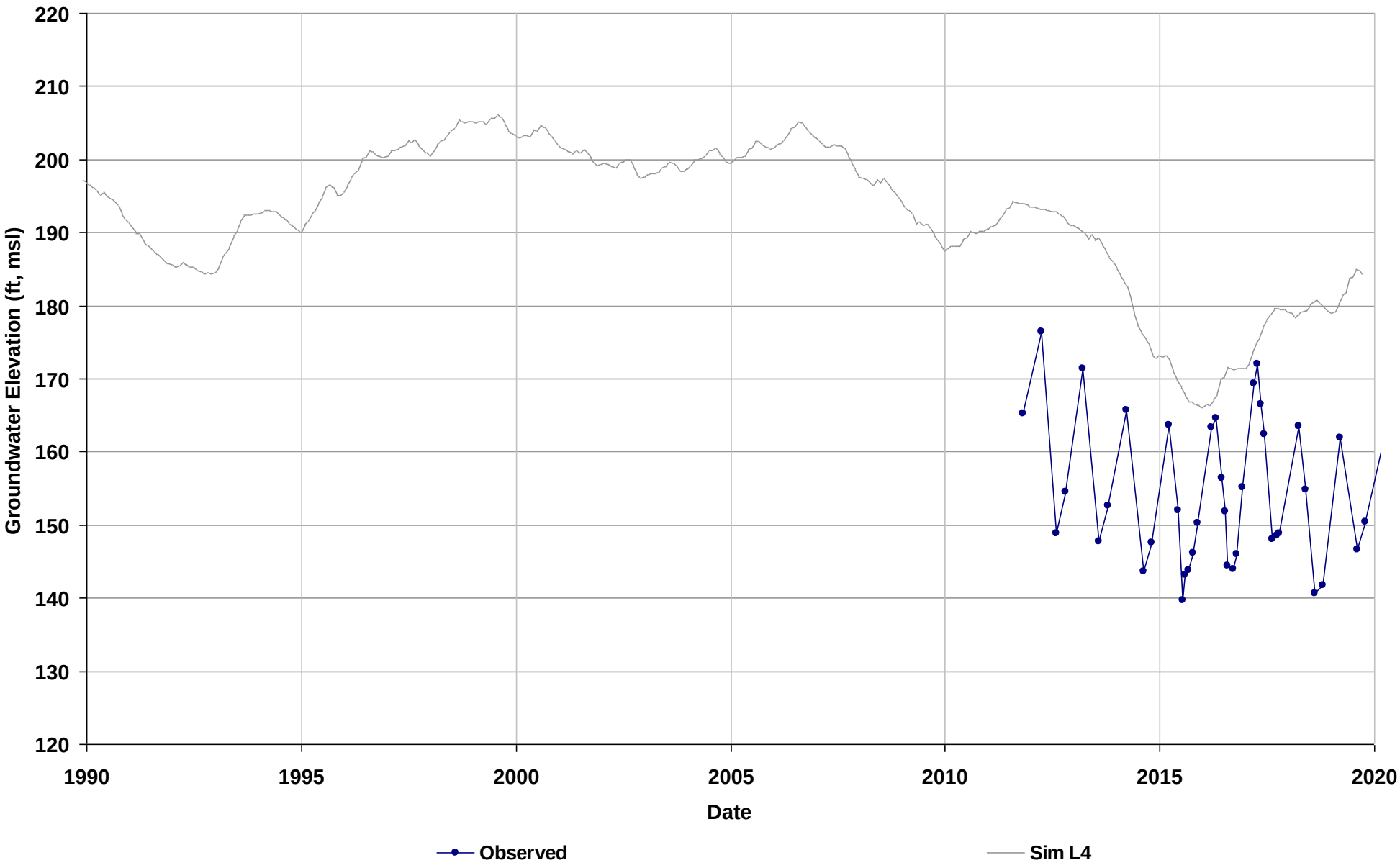
Average Residual (ft): 32.9



Well Name: 23N03W25M004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 235

Total Depth (ft): 155
Perf Top (ft): 120
Perf Bottom (ft): 130
Top Model Layer: 4
Bottom Model Layer: 4

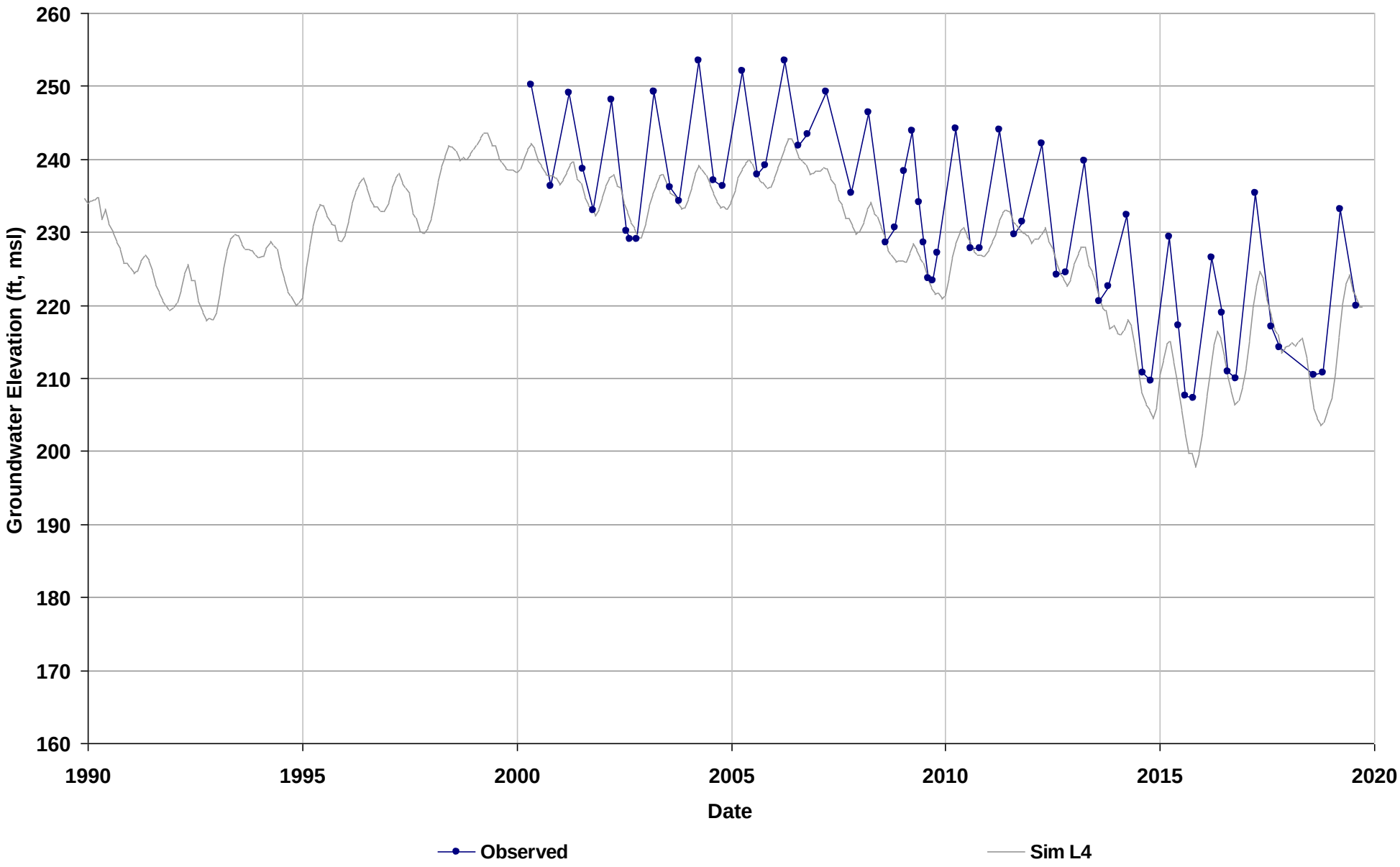
Average Residual (ft): 22.15



Well Name: 24N03W03R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 278

Total Depth (ft): 132
Perf Top (ft): 112
Perf Bottom (ft): 132
Top Model Layer: 4
Bottom Model Layer: 4

Average Residual (ft): -5.45

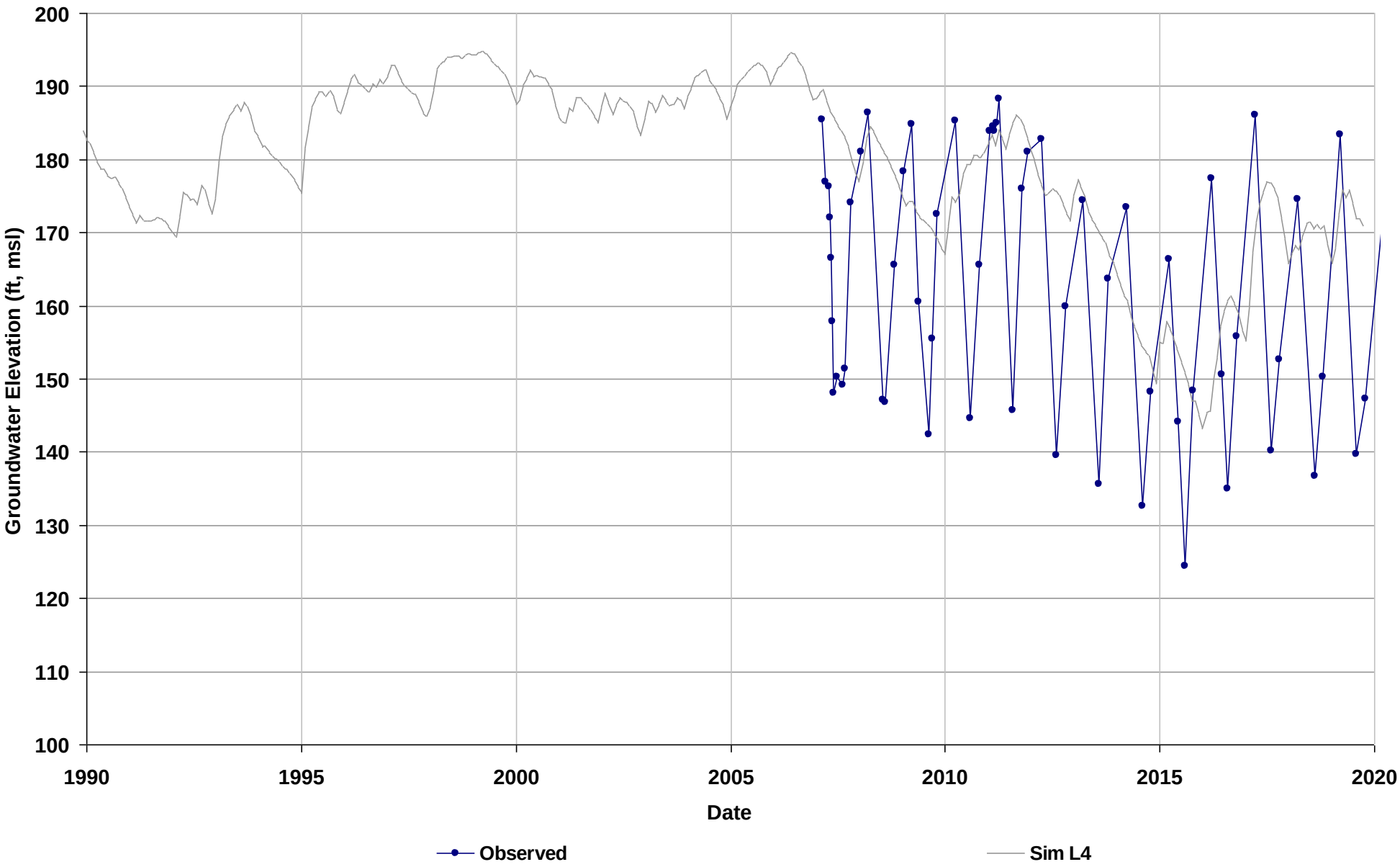


Tehama IHM - Historical

Well Name: 22N02W18C003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 188
Perf Top (ft): 165
Perf Bottom (ft): 175
Top Model Layer: 4
Bottom Model Layer: 4

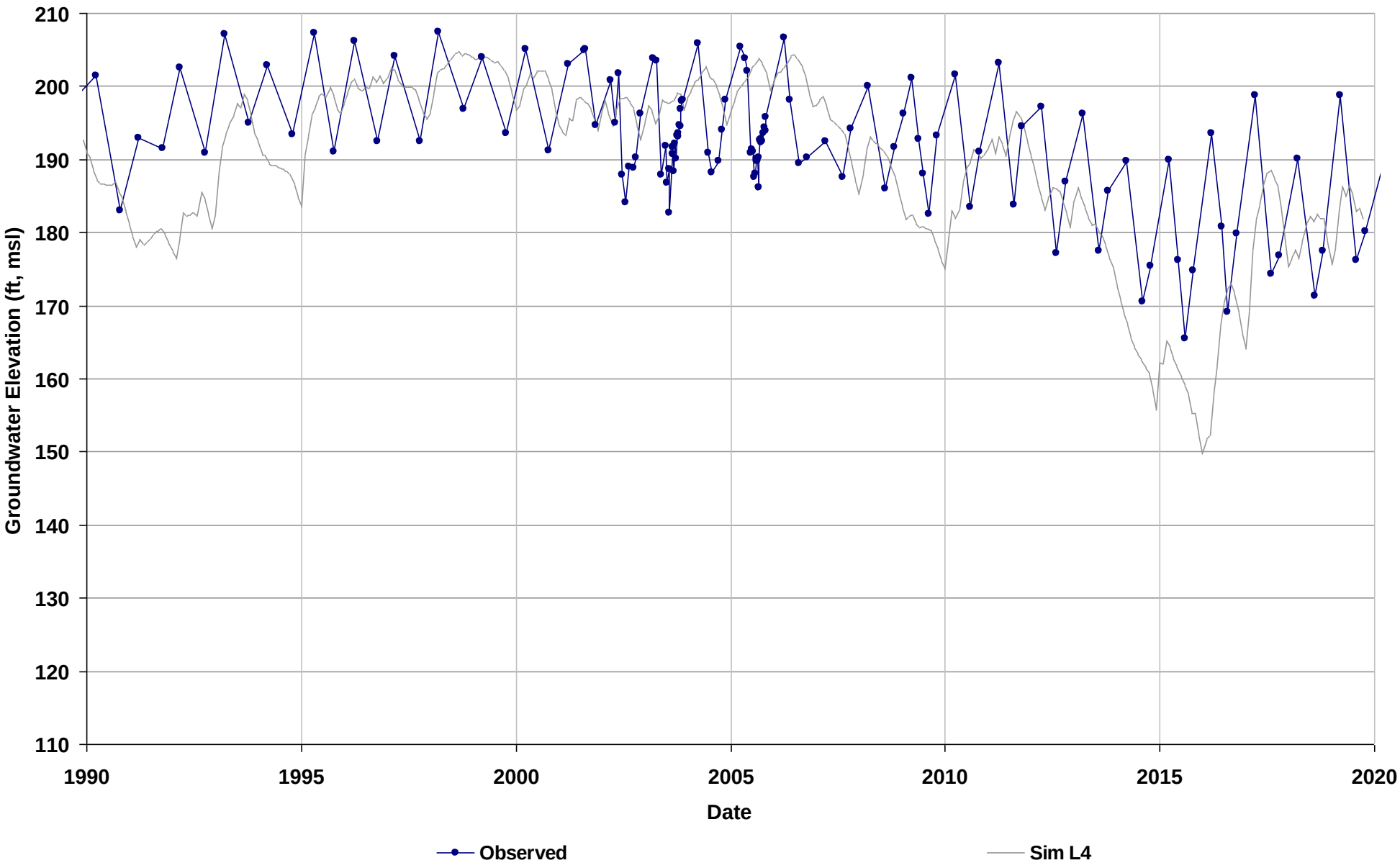
Average Residual (ft): 11.23



Well Name: 22N03W12Q003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 232

Total Depth (ft):
Perf Top (ft): 112
Perf Bottom (ft): 123
Top Model Layer: 4
Bottom Model Layer: 4

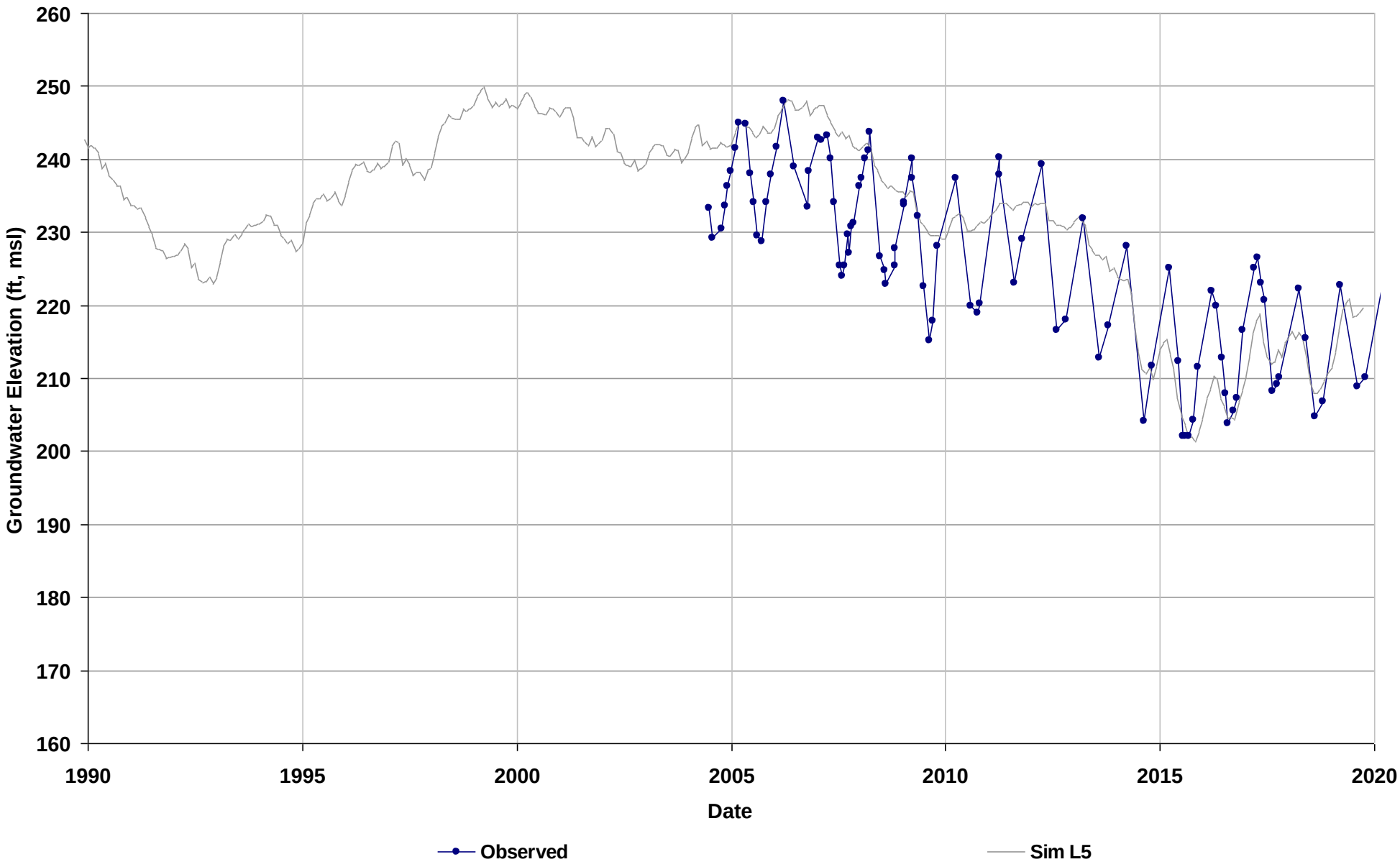
Average Residual (ft): 0.22



Well Name: 24N03W29Q001M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 314

Total Depth (ft): 372
Perf Top (ft): 130
Perf Bottom (ft): 360
Top Model Layer: 5
Bottom Model Layer: 5

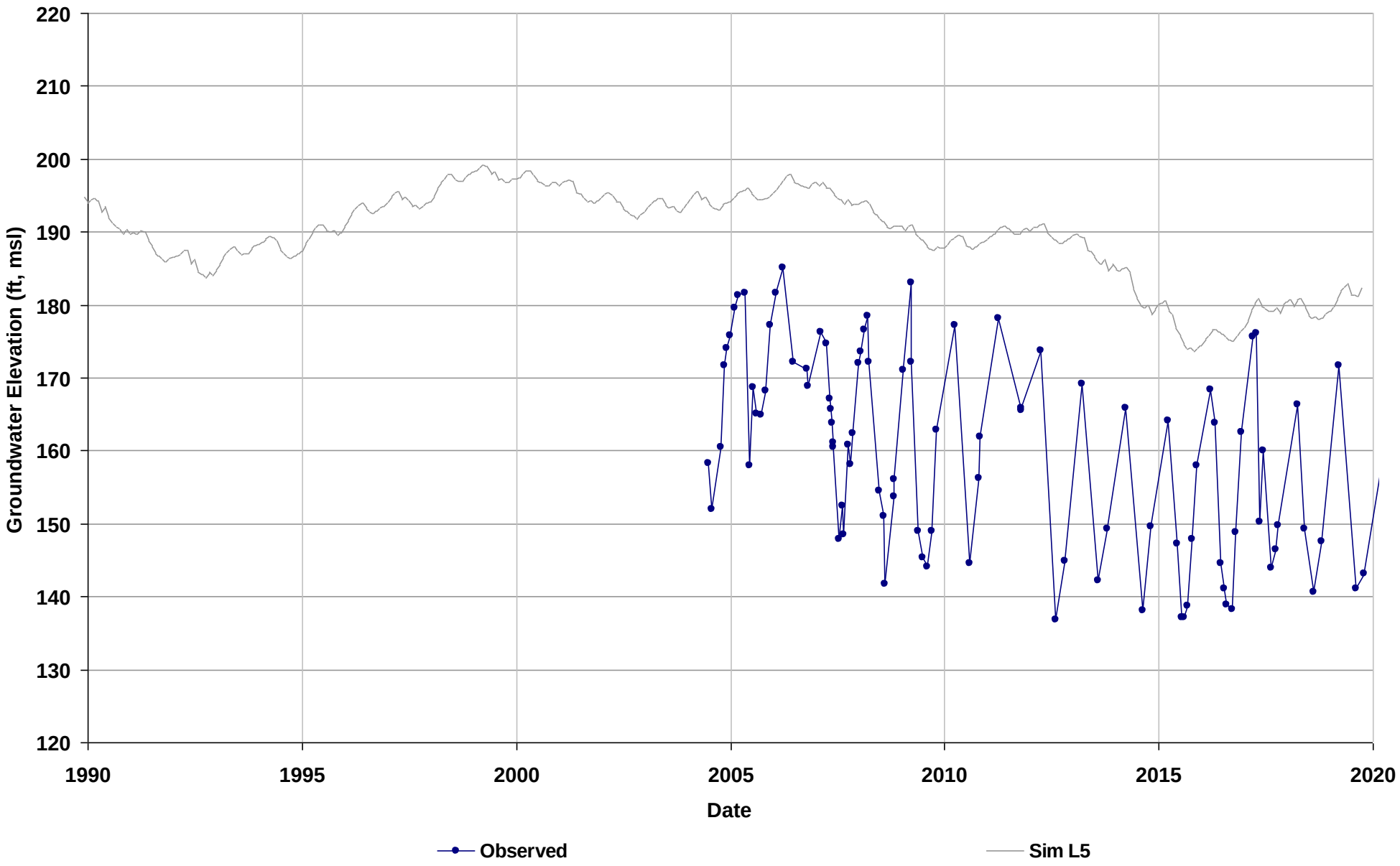
Average Residual (ft): 3.79



Well Name: 24N02W29N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 212

Total Depth (ft): 388
Perf Top (ft): 200
Perf Bottom (ft): 290
Top Model Layer: 5
Bottom Model Layer: 5

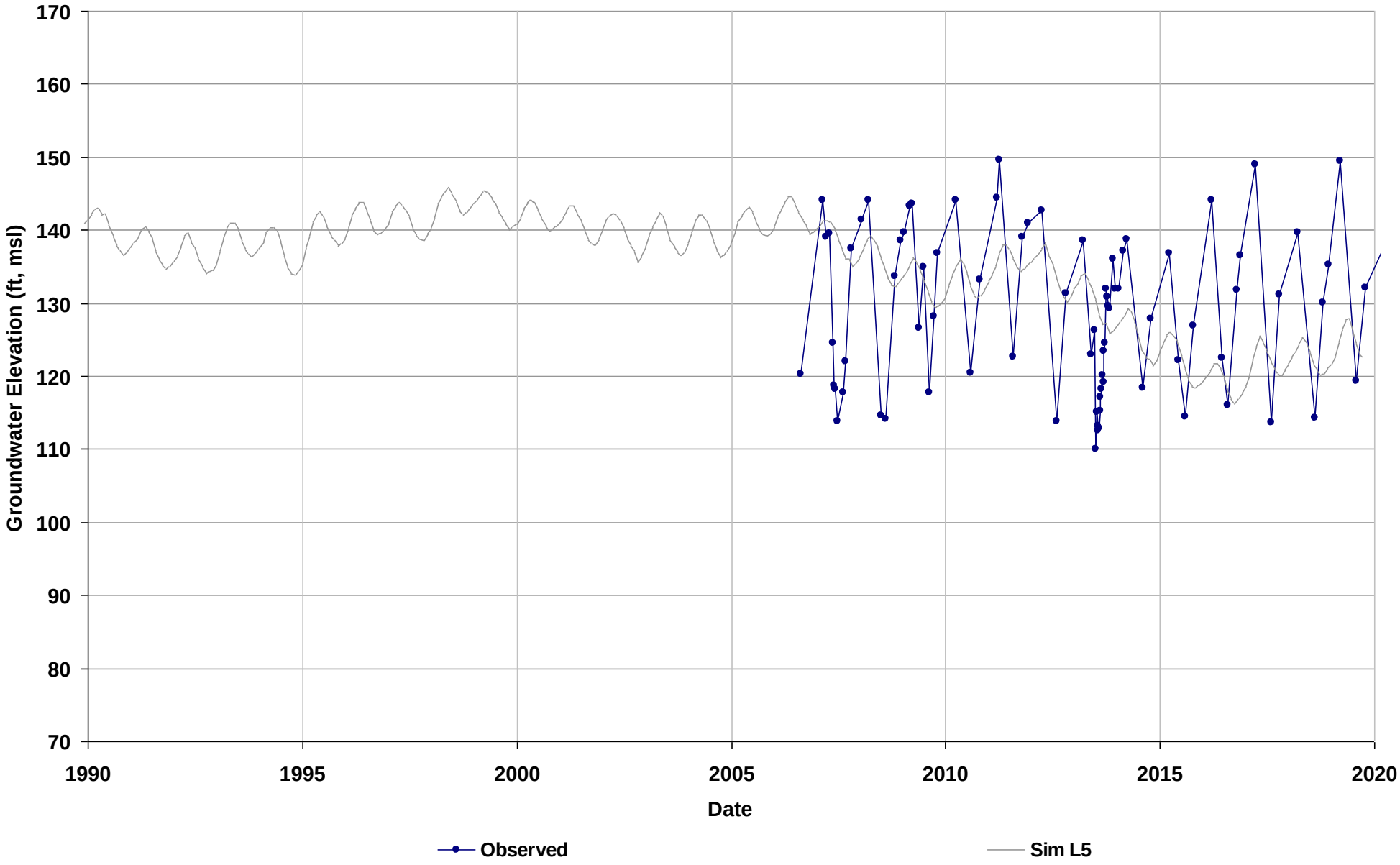
Average Residual (ft): 27.56



Well Name: 22N02W01N003M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 159

Total Depth (ft): 440
Perf Top (ft): 210
Perf Bottom (ft): 370
Top Model Layer: 5
Bottom Model Layer: 5

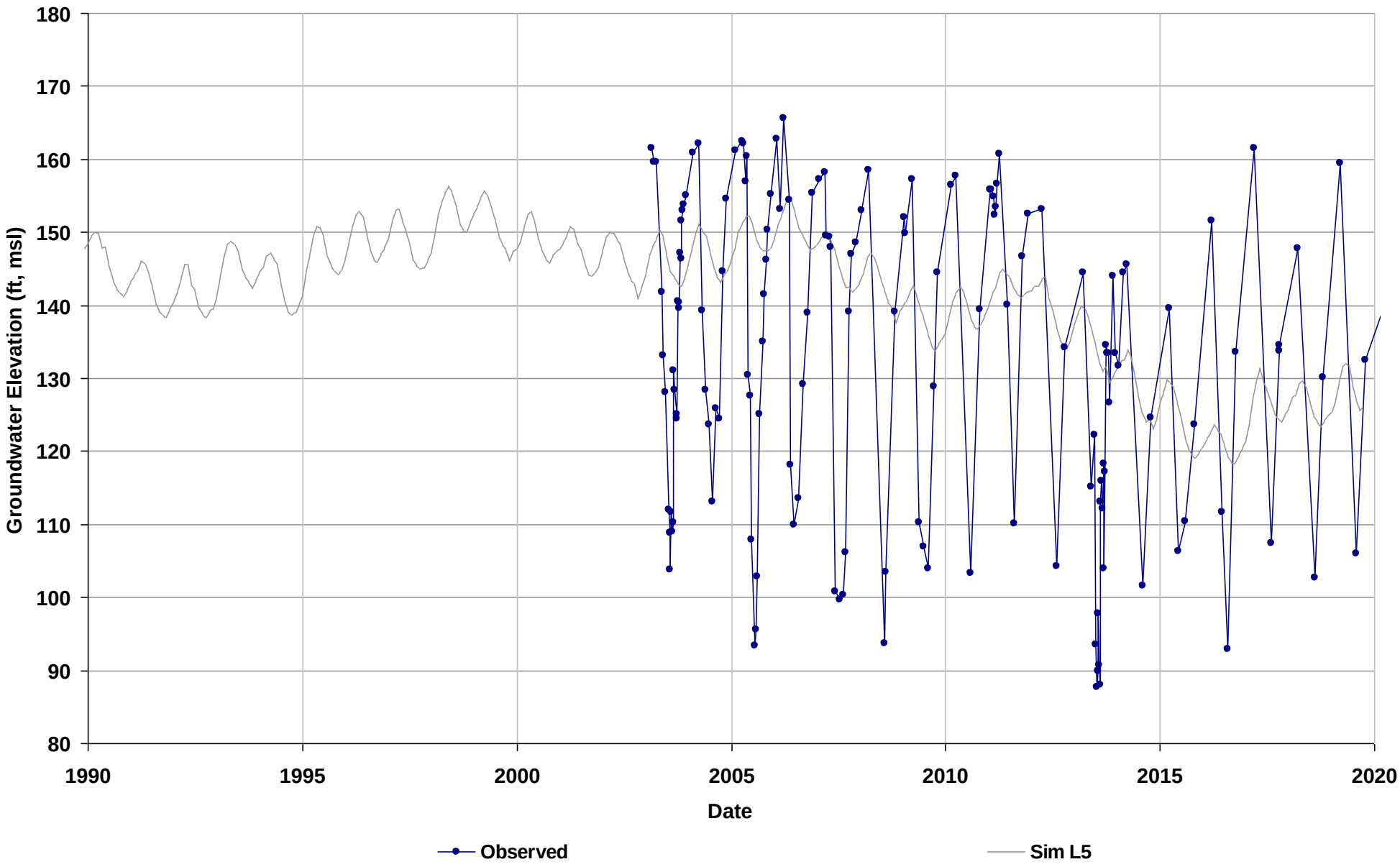
Average Residual (ft): 1.59



Well Name: 22N02W15C004M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 258
Perf Top (ft): 210
Perf Bottom (ft): 220
Top Model Layer: 5
Bottom Model Layer: 5

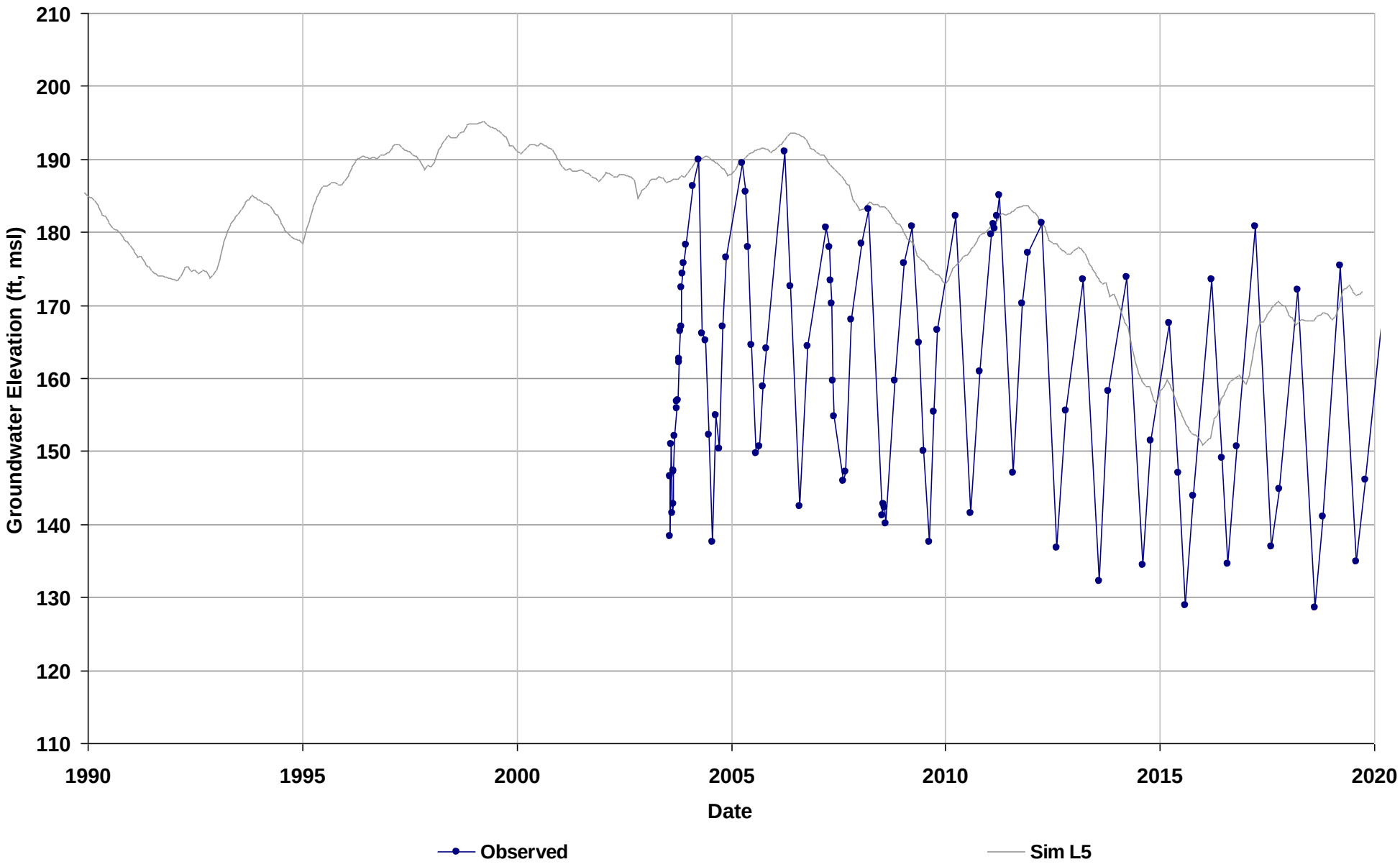
Average Residual (ft): 8.44



Well Name: 22N03W01R002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 226

Total Depth (ft): 314
Perf Top (ft): 270
Perf Bottom (ft): 280
Top Model Layer: 5
Bottom Model Layer: 5

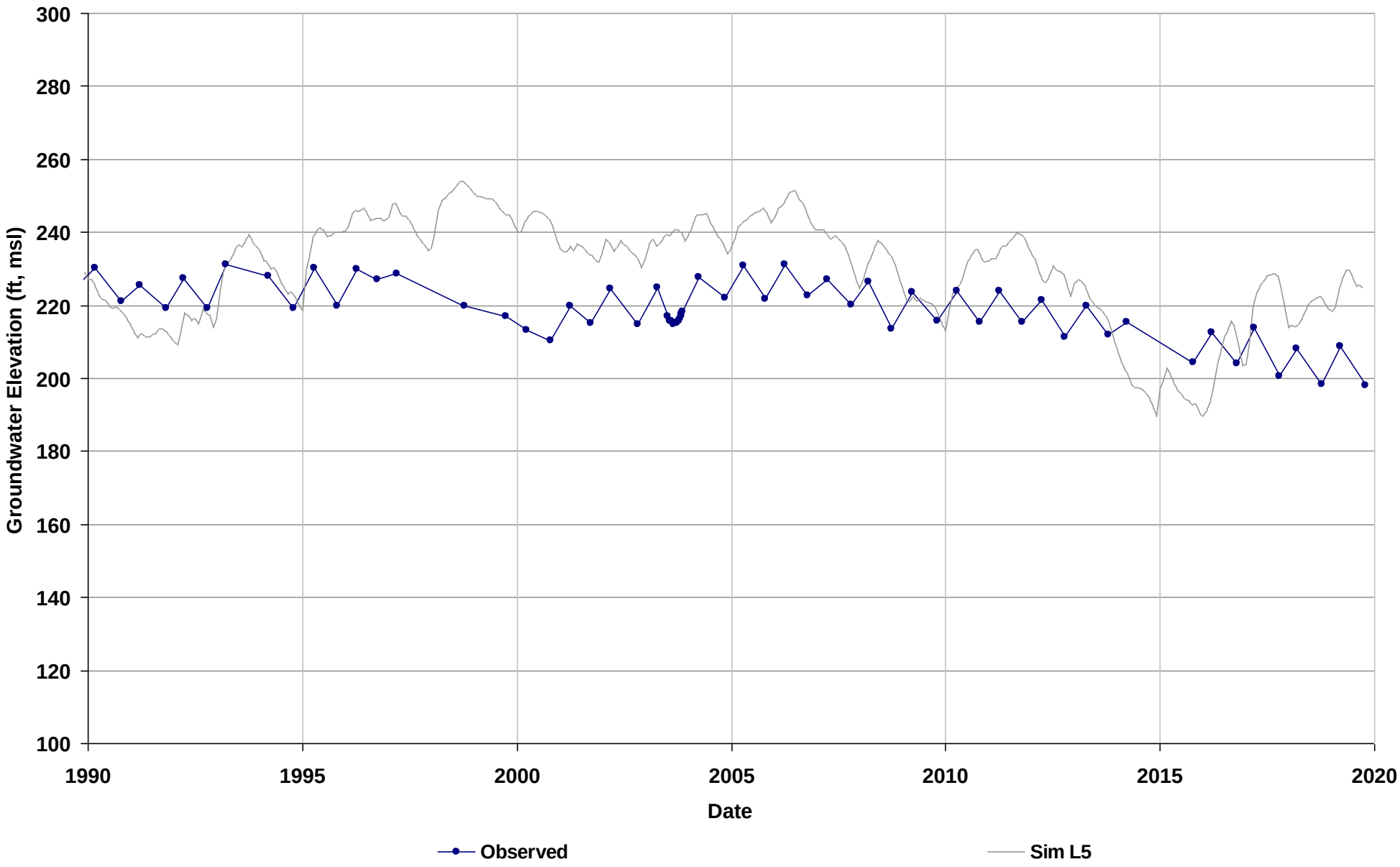
Average Residual (ft): 20.6



Well Name: 22N03W05F002M
Depth Zone: Upper
Subbasin: Corning
GSE (ft, msl): 297

Total Depth (ft):
Perf Top (ft): 188
Perf Bottom (ft): 218
Top Model Layer: 5
Bottom Model Layer: 5

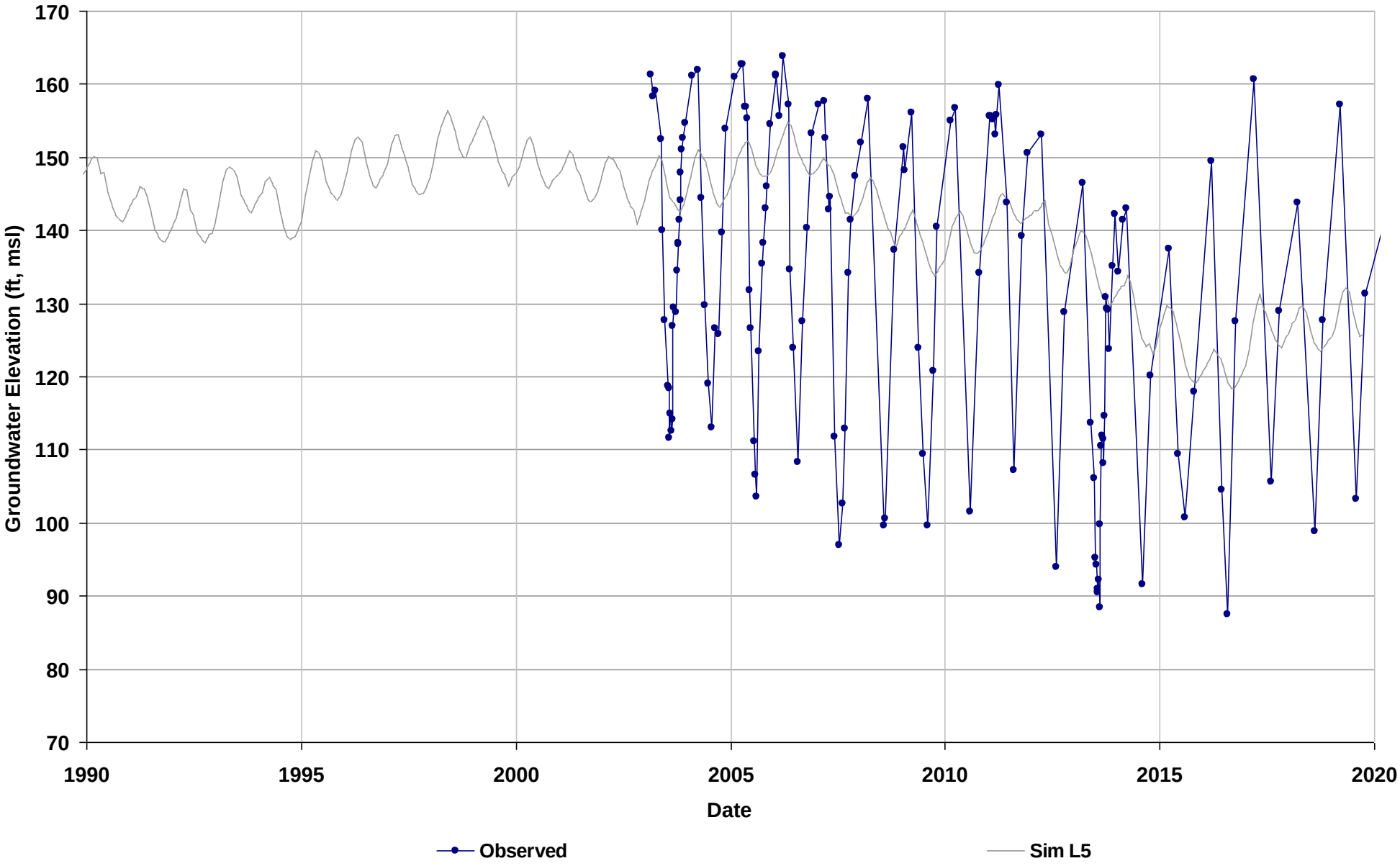
Average Residual (ft): 12.86



Well Name: 22N02W15C003M
Depth Zone: Composite
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 422
Perf Top (ft): 370
Perf Bottom (ft): 380
Top Model Layer: 5
Bottom Model Layer: 5

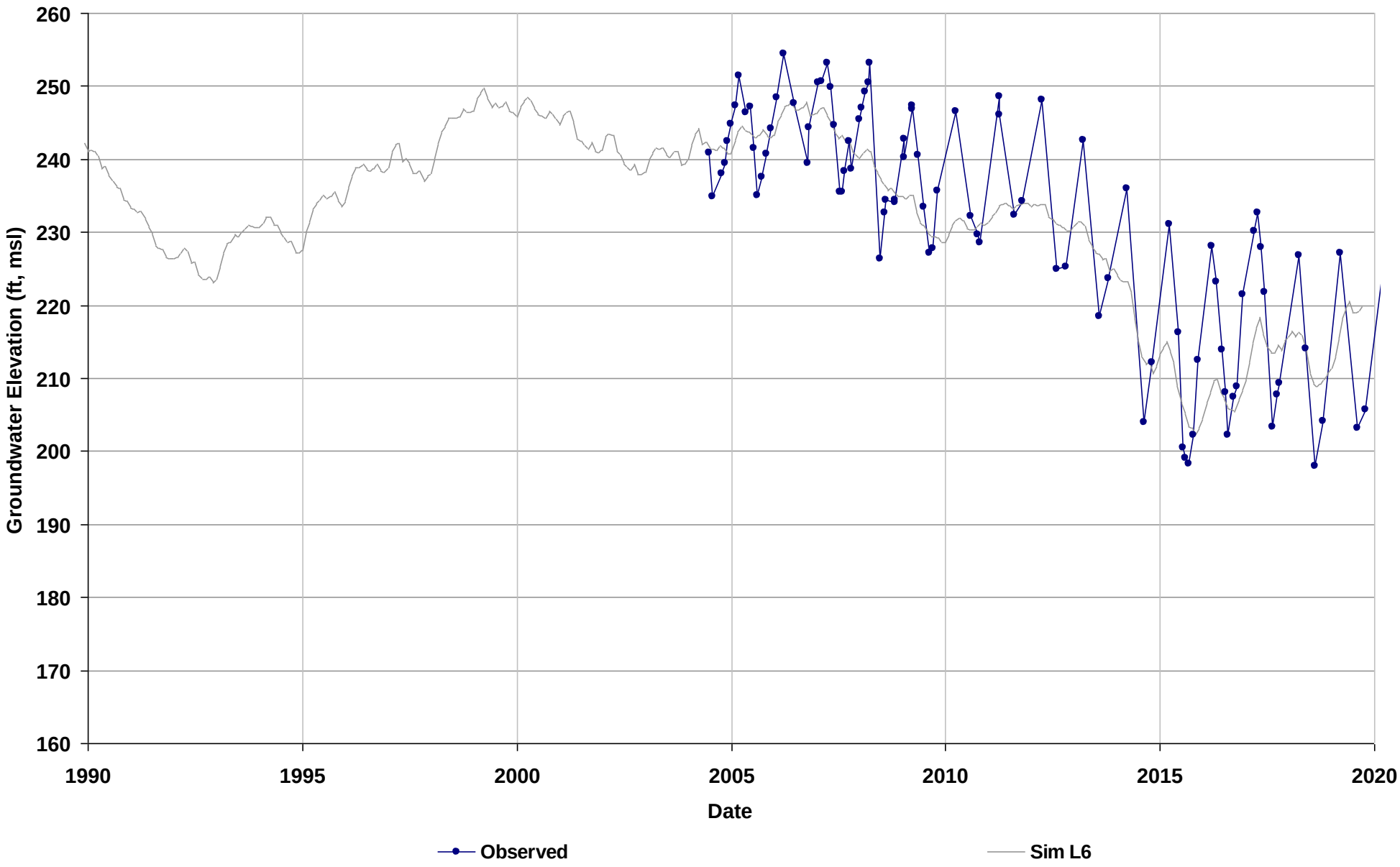
Average Residual (ft): 8.77



Well Name: 24N03W29Q002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

Total Depth (ft): 575
Perf Top (ft): 490
Perf Bottom (ft): 550
Top Model Layer: 6
Bottom Model Layer: 6

Average Residual (ft): -2.51

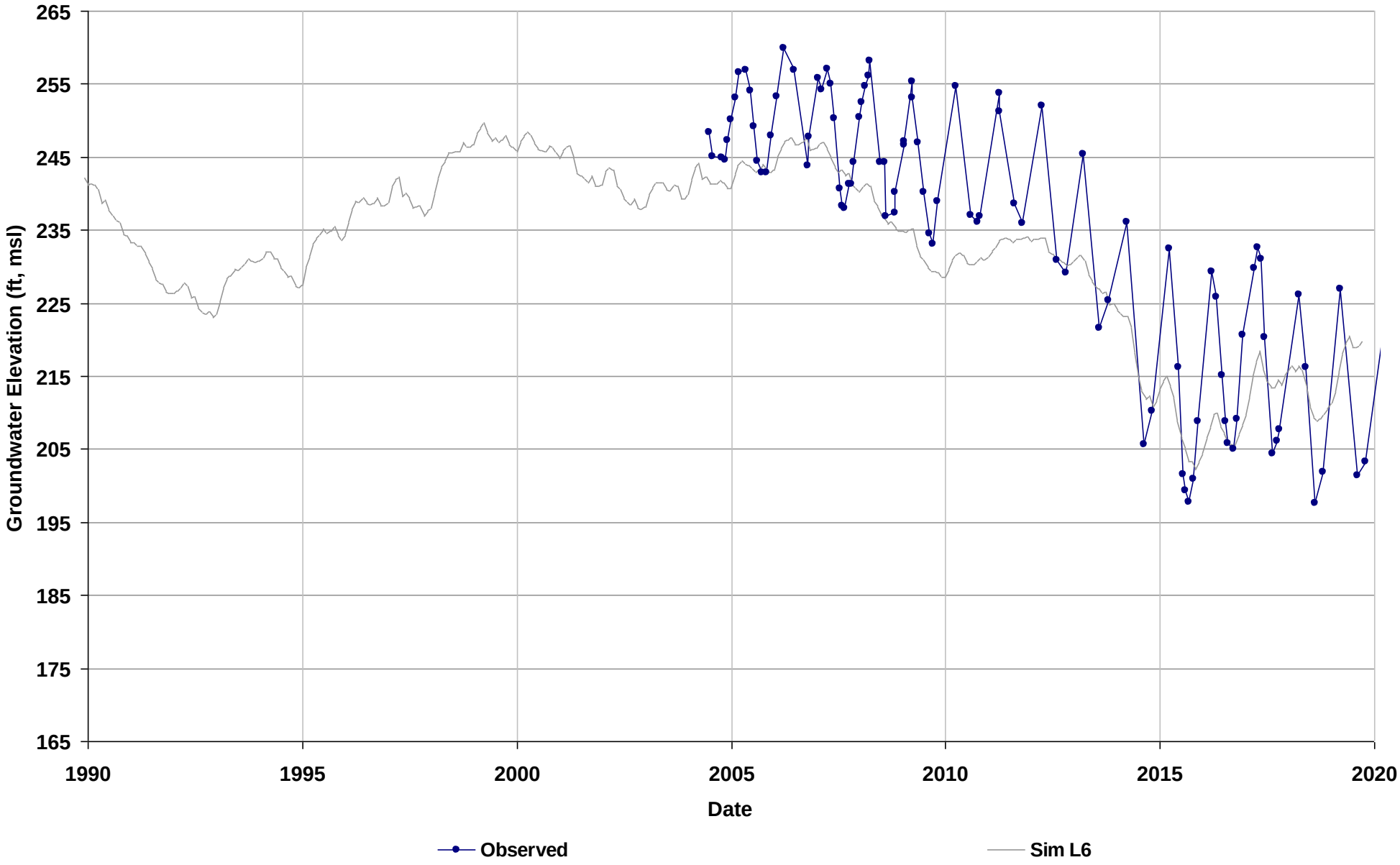


Tehama IHM - Historical

Well Name: 24N03W29Q003M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 314

Total Depth (ft): 844
Perf Top (ft): 650
Perf Bottom (ft): 710
Top Model Layer: 6
Bottom Model Layer: 6

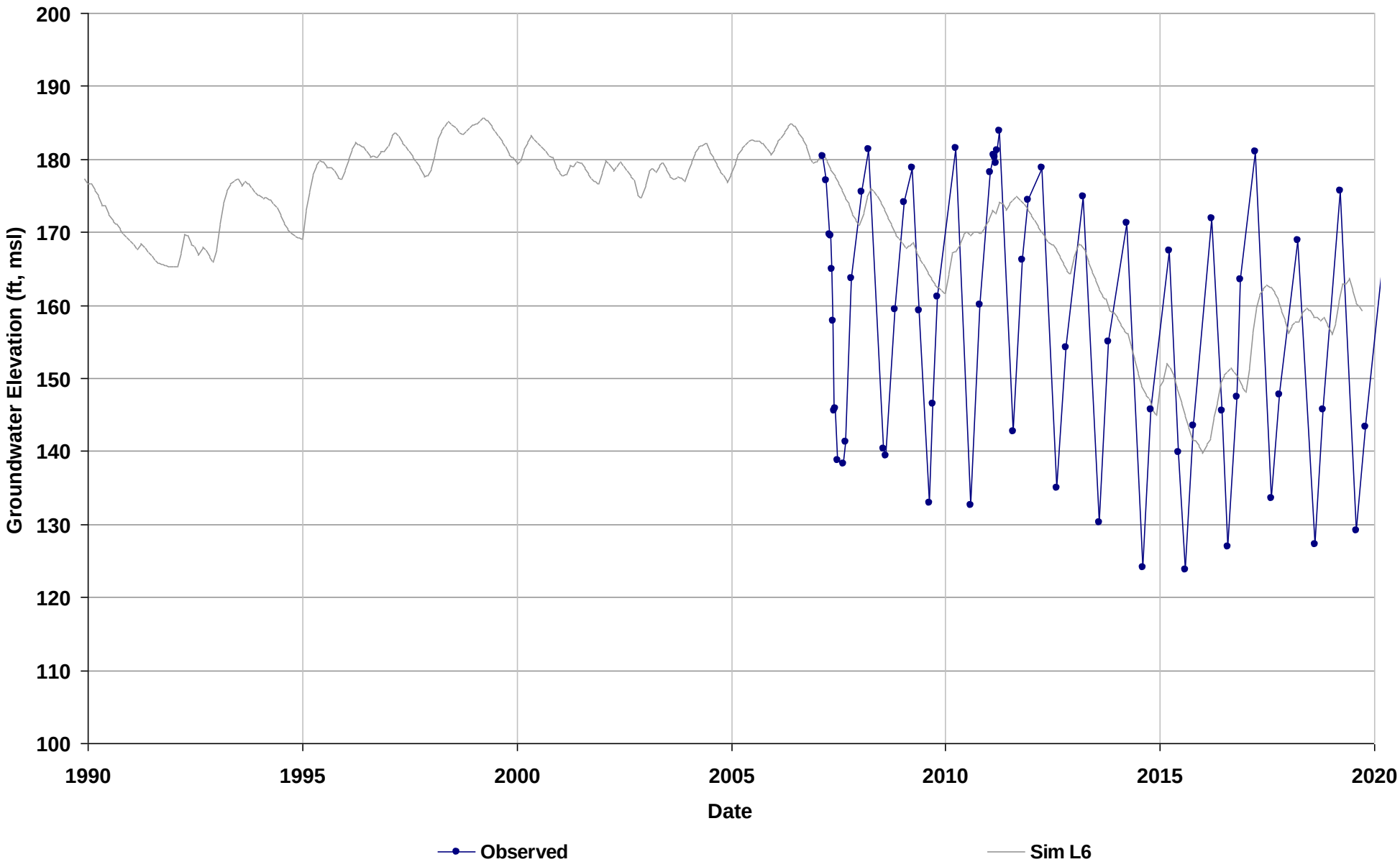
Average Residual (ft): -6.12



Well Name: 22N02W18C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 482
Perf Top (ft): 414
Perf Bottom (ft): 434
Top Model Layer: 6
Bottom Model Layer: 6

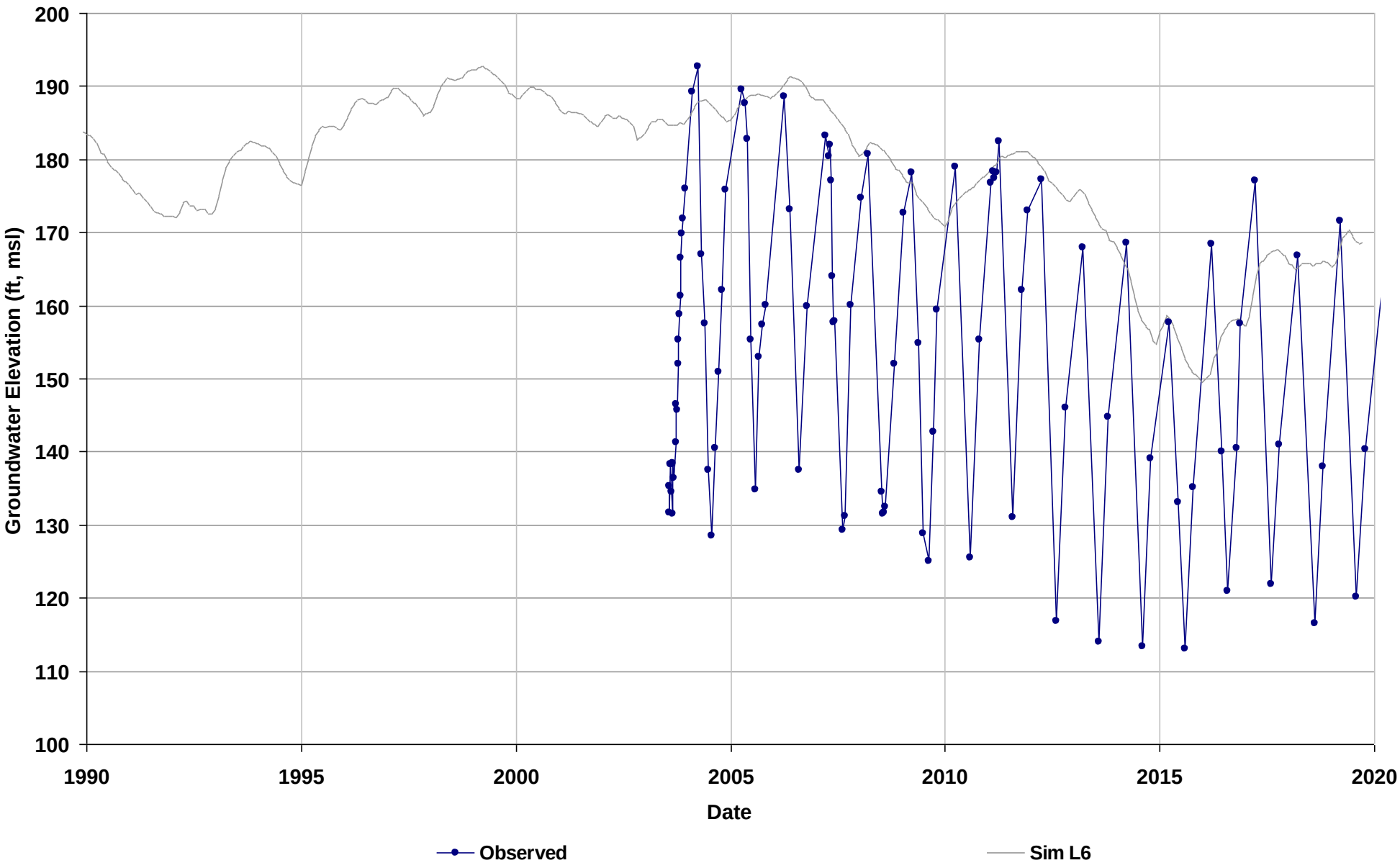
Average Residual (ft): 8.28



Well Name: 22N03W01R001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 226

Total Depth (ft): 515
Perf Top (ft): 470
Perf Bottom (ft): 480
Top Model Layer: 6
Bottom Model Layer: 6

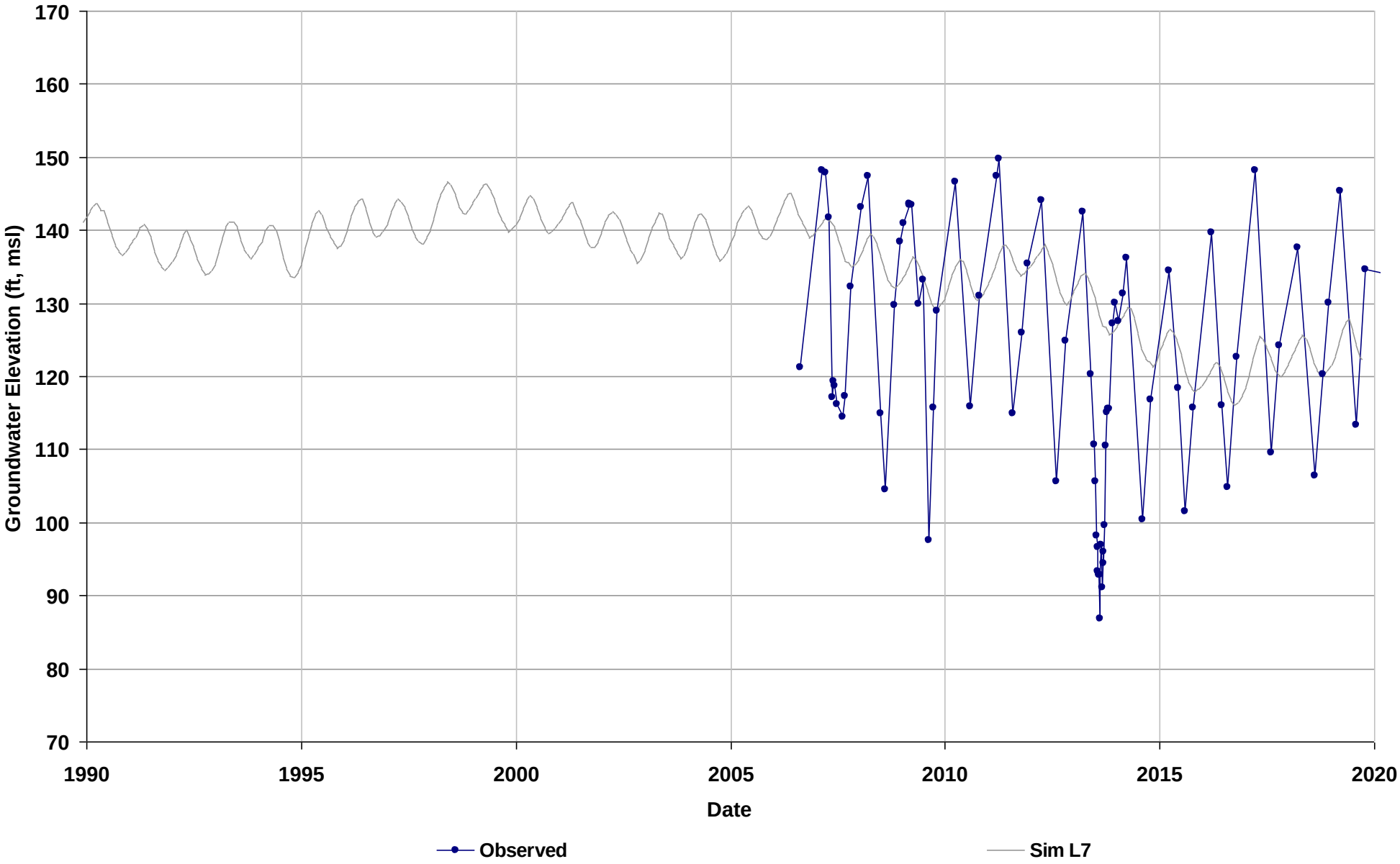
Average Residual (ft): 25.08



Well Name: 22N02W01N002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

Total Depth (ft): 730
Perf Top (ft): 700
Perf Bottom (ft): 710
Top Model Layer: 7
Bottom Model Layer: 7

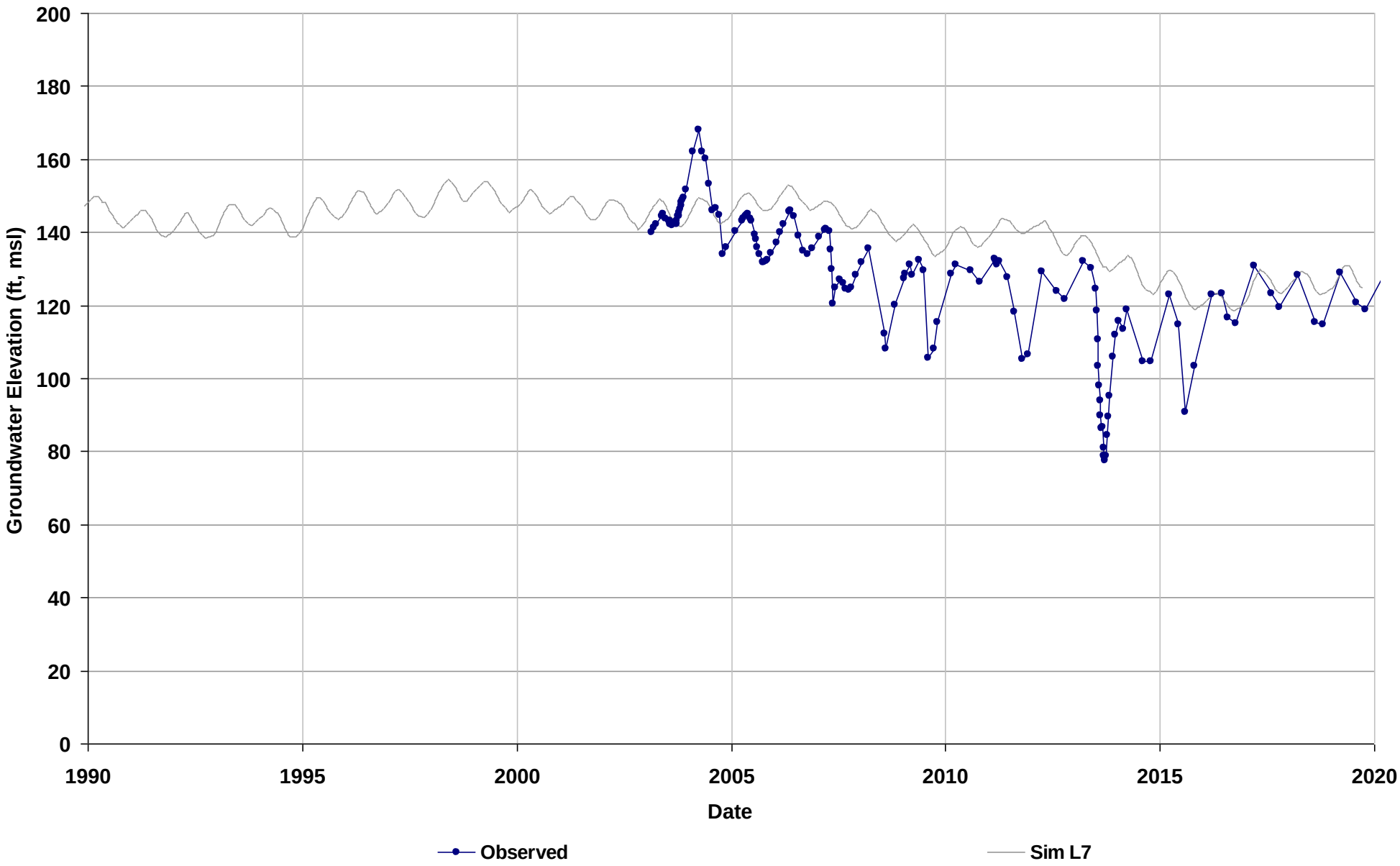
Average Residual (ft): 9.49



Well Name: 22N02W15C002M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 189

Total Depth (ft): 825
Perf Top (ft): 760
Perf Bottom (ft): 781
Top Model Layer: 7
Bottom Model Layer: 7

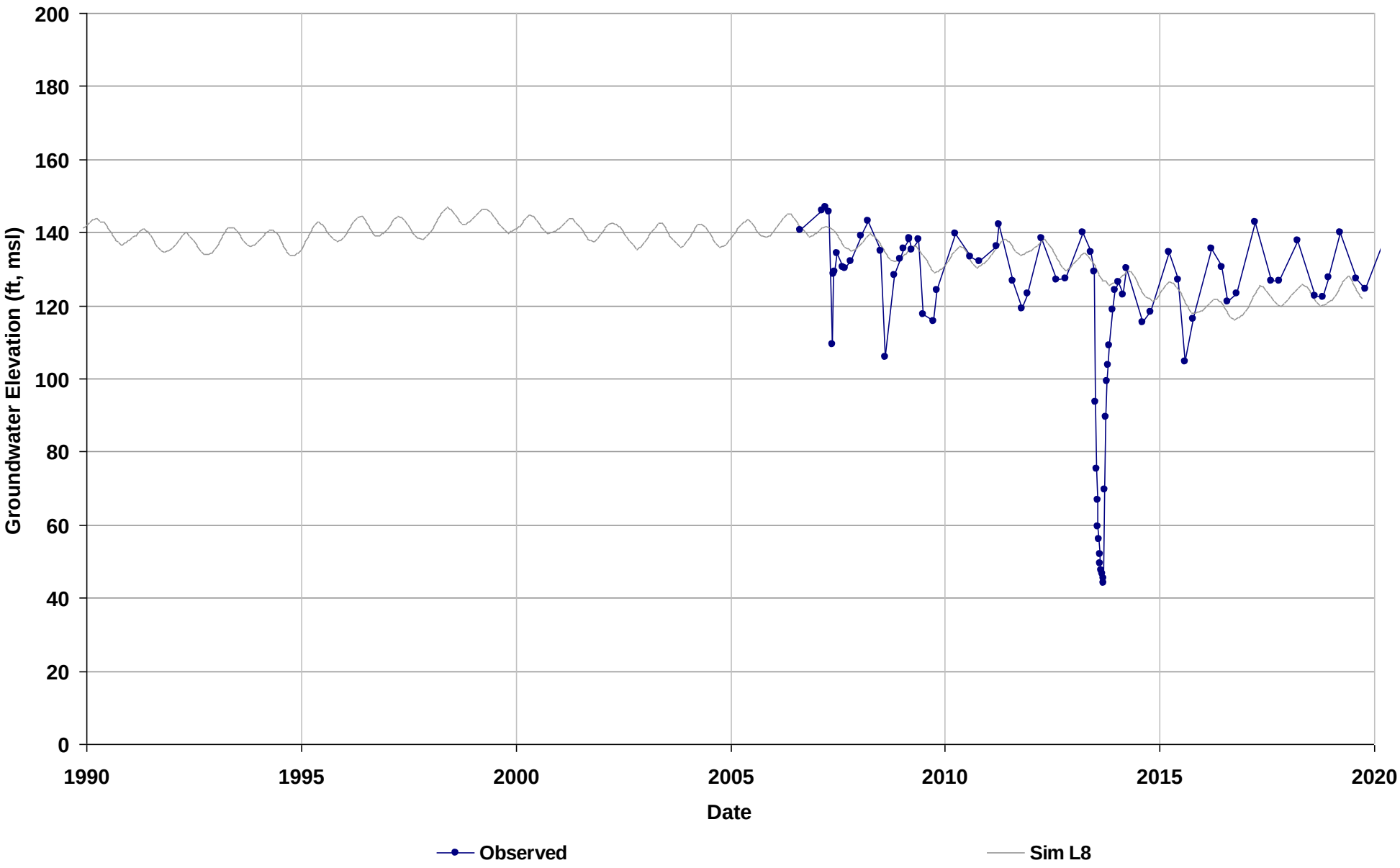
Average Residual (ft): 12.24



Well Name: 22N02W01N001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 159

Total Depth (ft): 1100
Perf Top (ft): 810
Perf Bottom (ft): 1050
Top Model Layer: 8
Bottom Model Layer: 8

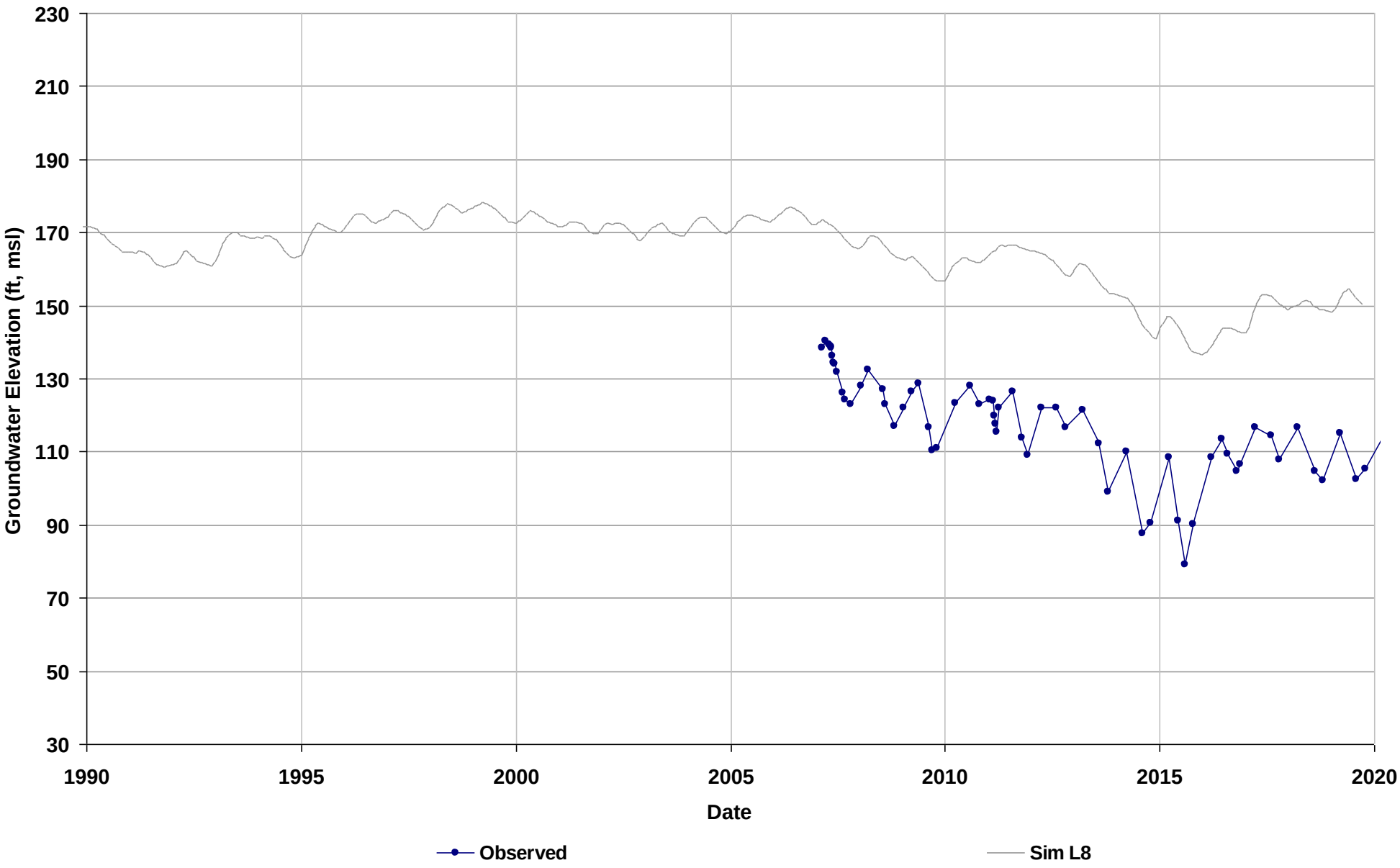
Average Residual (ft): 14.5



Well Name: 22N02W18C001M
Depth Zone: Lower
Subbasin: Corning
GSE (ft, msl): 223

Total Depth (ft): 1062
Perf Top (ft): 841
Perf Bottom (ft): 1029
Top Model Layer: 8
Bottom Model Layer: 8

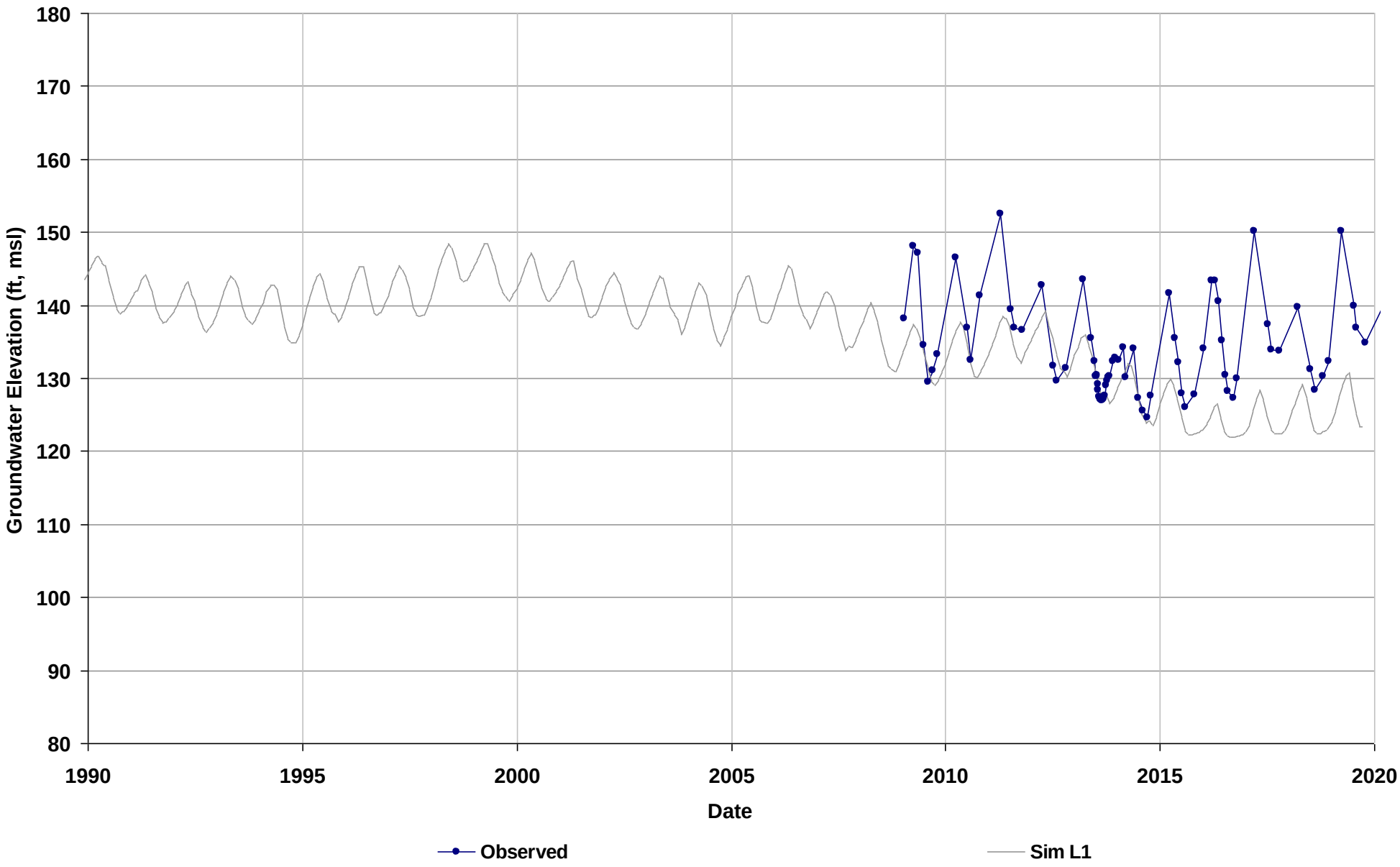
Average Residual (ft): 41.41



Well Name: 23N01W28M005M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 159

Total Depth (ft): 72
Perf Top (ft): 30
Perf Bottom (ft): 50
Top Model Layer: 1
Bottom Model Layer: 1

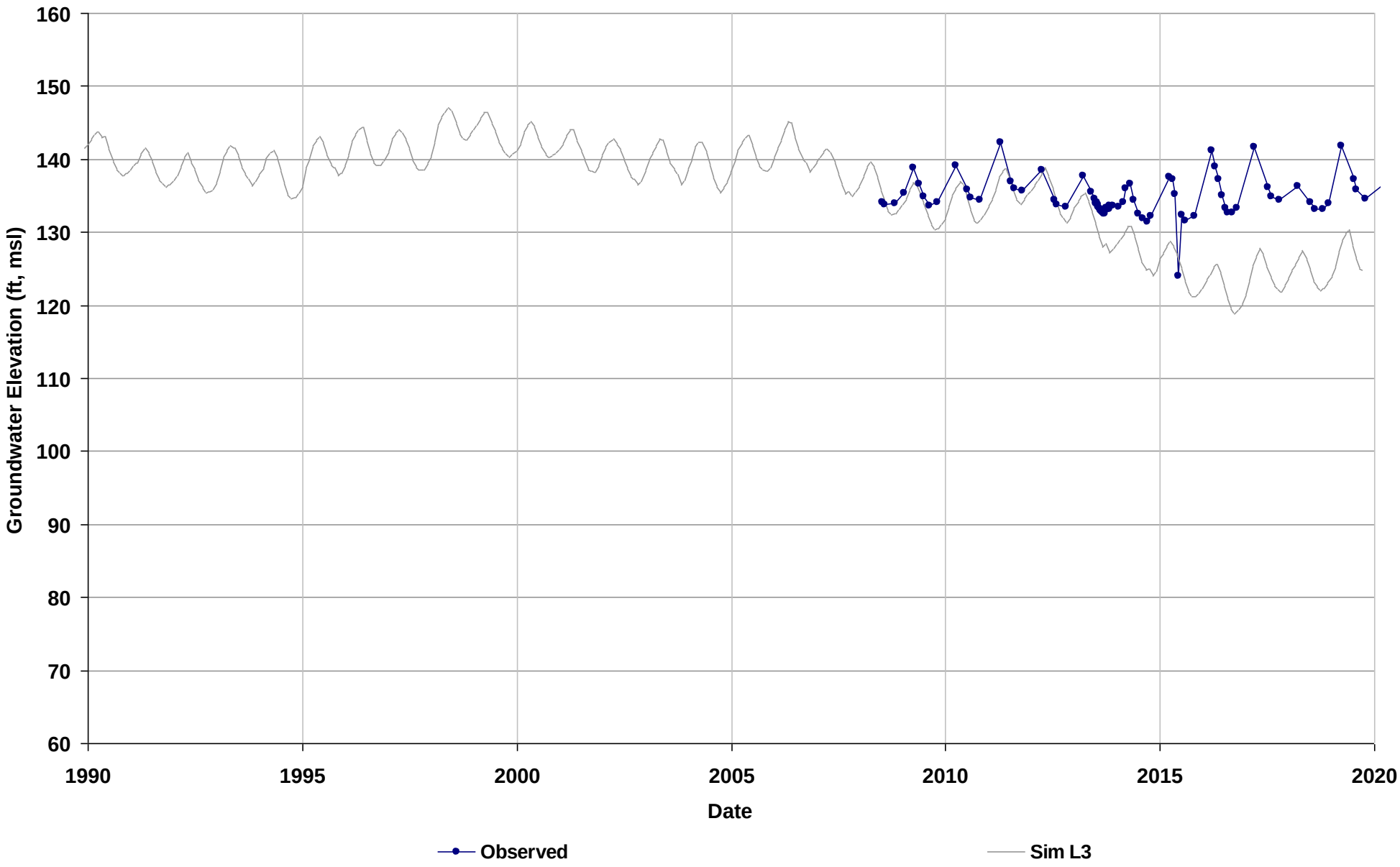
Average Residual (ft): -4.62



Well Name: 23N01W31M004M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

Total Depth (ft): 106
Perf Top (ft): 65.5
Perf Bottom (ft): 75.5
Top Model Layer: 3
Bottom Model Layer: 3

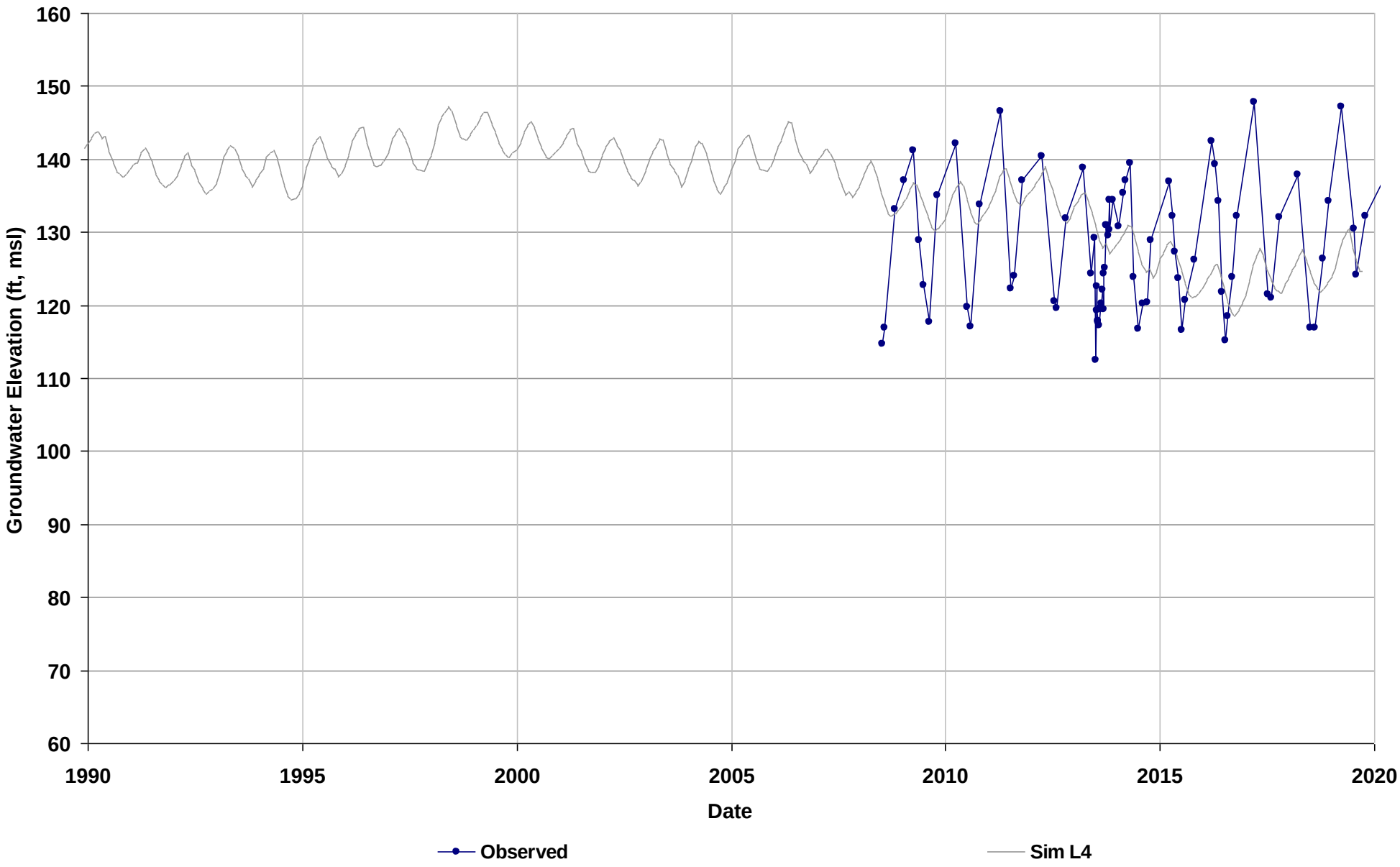
Average Residual (ft): -5.35



Well Name: 23N01W31M003M
Depth Zone: Upper
Subbasin: Vina
GSE (ft, msl): 154

Total Depth (ft): 245
Perf Top (ft): 140
Perf Bottom (ft): 201
Top Model Layer: 4
Bottom Model Layer: 4

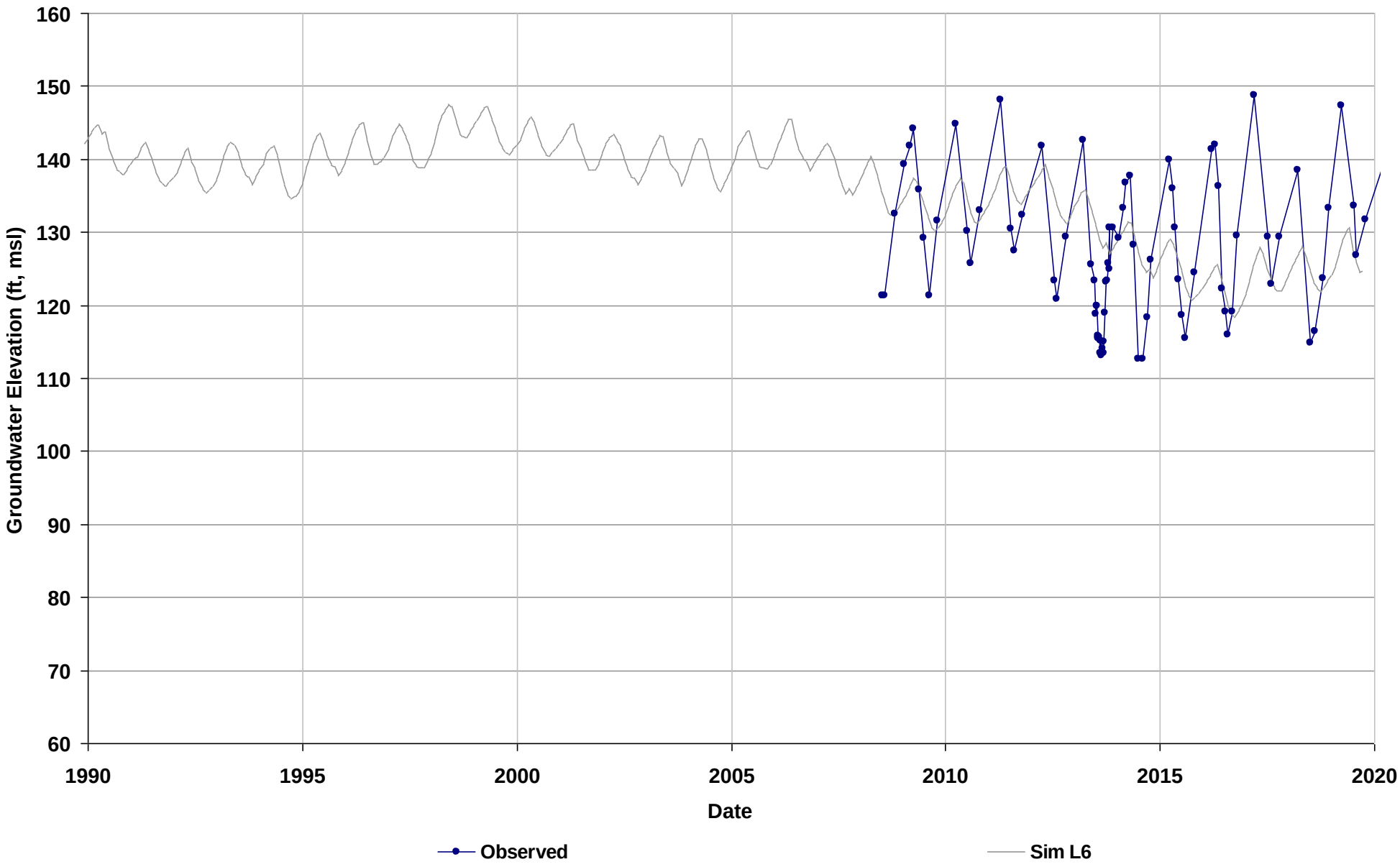
Average Residual (ft): 1.83



Well Name: 23N01W31M002M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

Total Depth (ft): 616
Perf Top (ft): 545
Perf Bottom (ft): 600
Top Model Layer: 6
Bottom Model Layer: 6

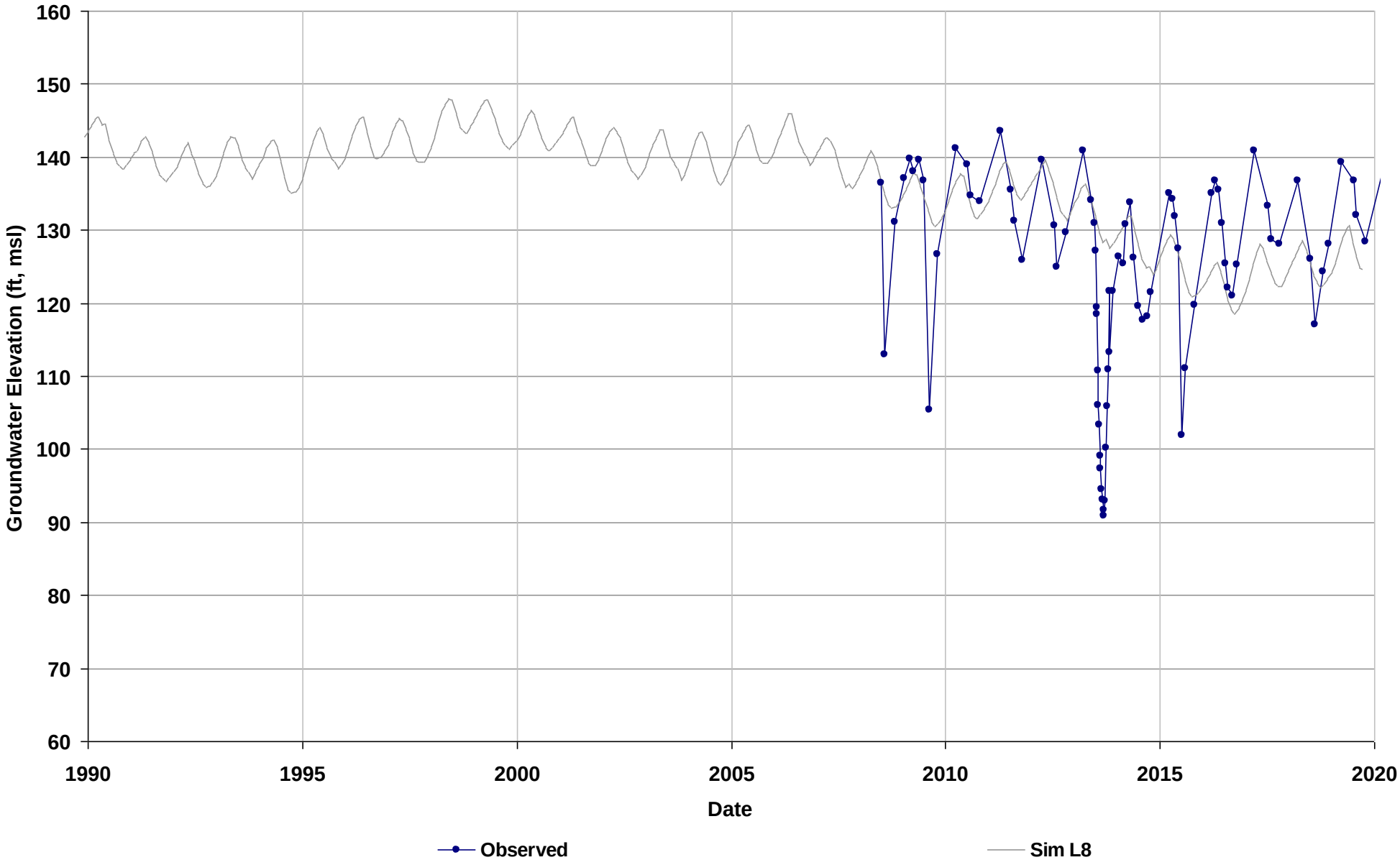
Average Residual (ft): 2.43



Well Name: 23N01W31M001M
Depth Zone: Lower
Subbasin: Vina
GSE (ft, msl): 154

Total Depth (ft): 1200
Perf Top (ft): 969
Perf Bottom (ft): 1030
Top Model Layer: 8
Bottom Model Layer: 8

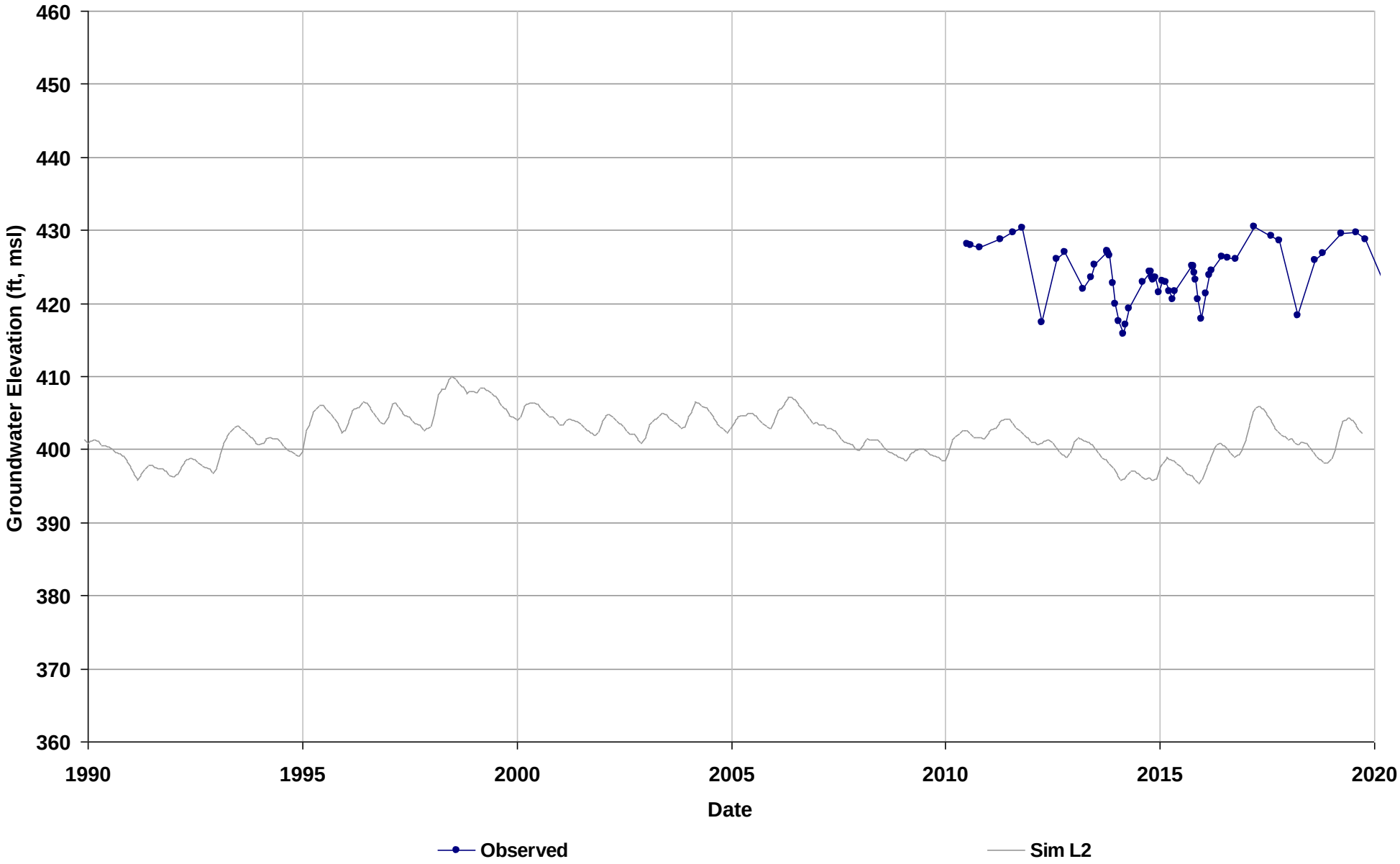
Average Residual (ft): 6.6



Well Name: 29N04W03R006M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 76
Perf Top (ft): 40
Perf Bottom (ft): 60
Top Model Layer: 2
Bottom Model Layer: 2

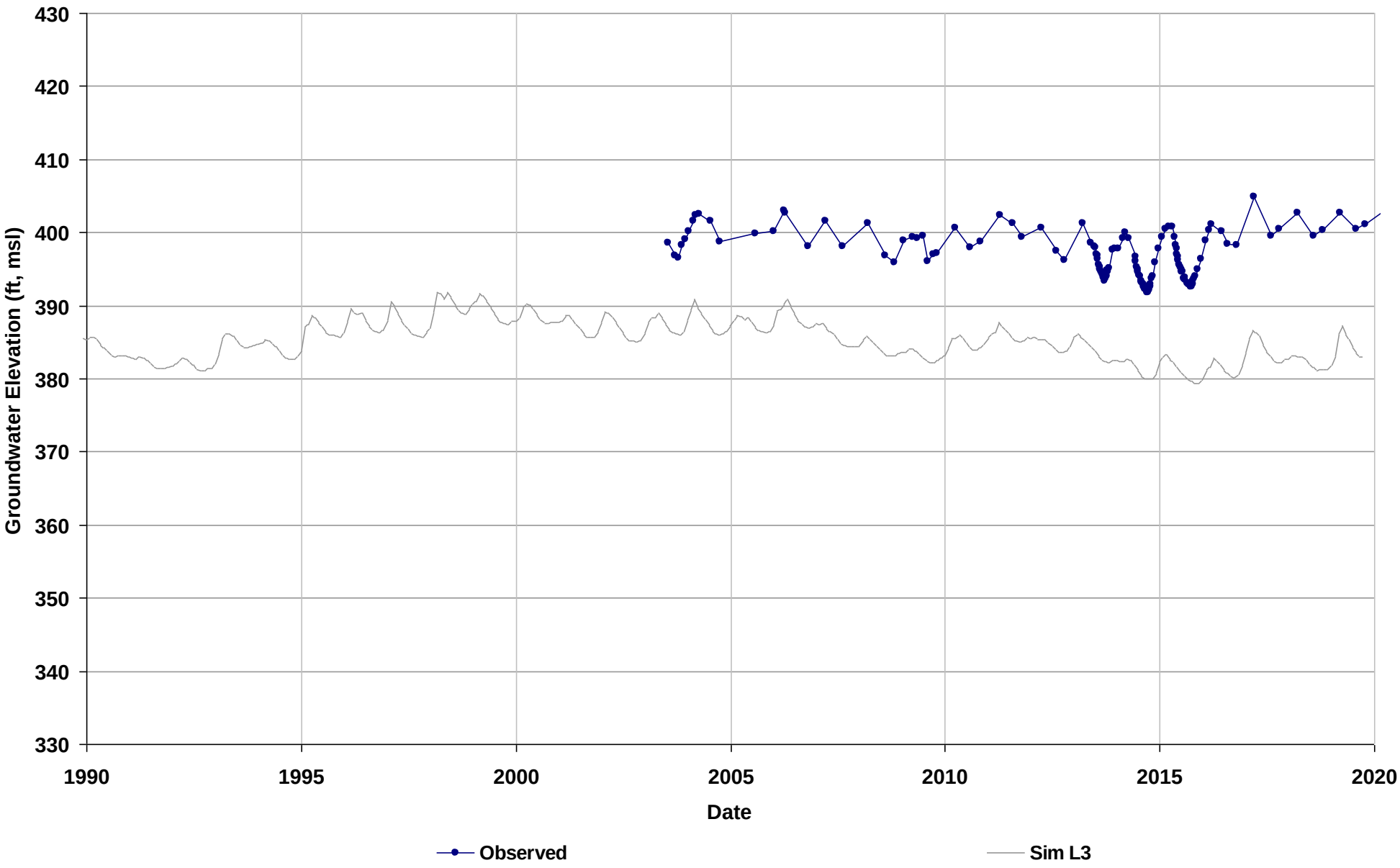
Average Residual (ft): -25.34



Well Name: 30N04W22F002M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

Total Depth (ft): 113
Perf Top (ft): 70
Perf Bottom (ft): 113
Top Model Layer: 3
Bottom Model Layer: 3

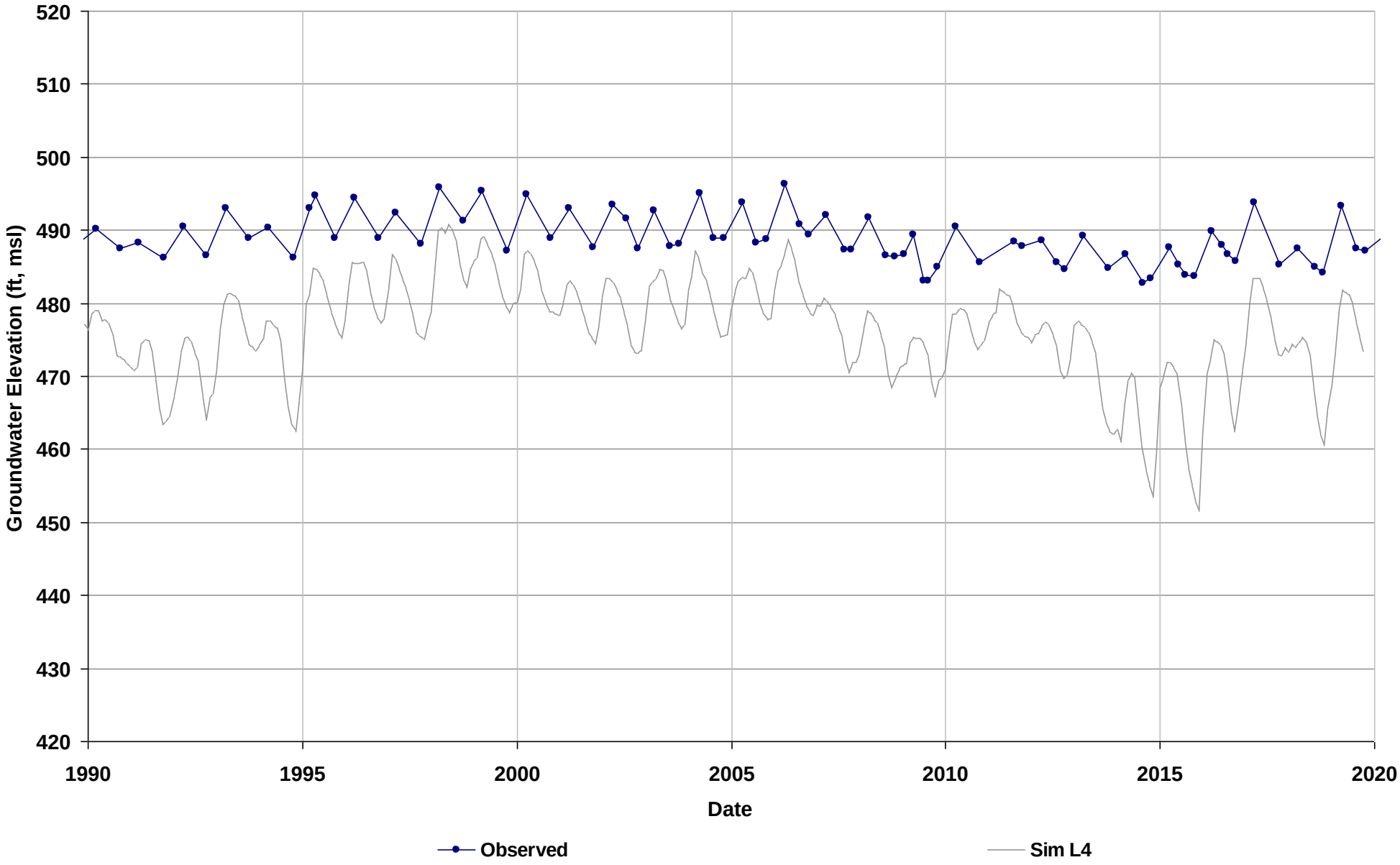
Average Residual (ft): -14.13



Well Name: 29N05W09L001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 517

Total Depth (ft):
Perf Top (ft): 100
Perf Bottom (ft): 140
Top Model Layer: 4
Bottom Model Layer: 4

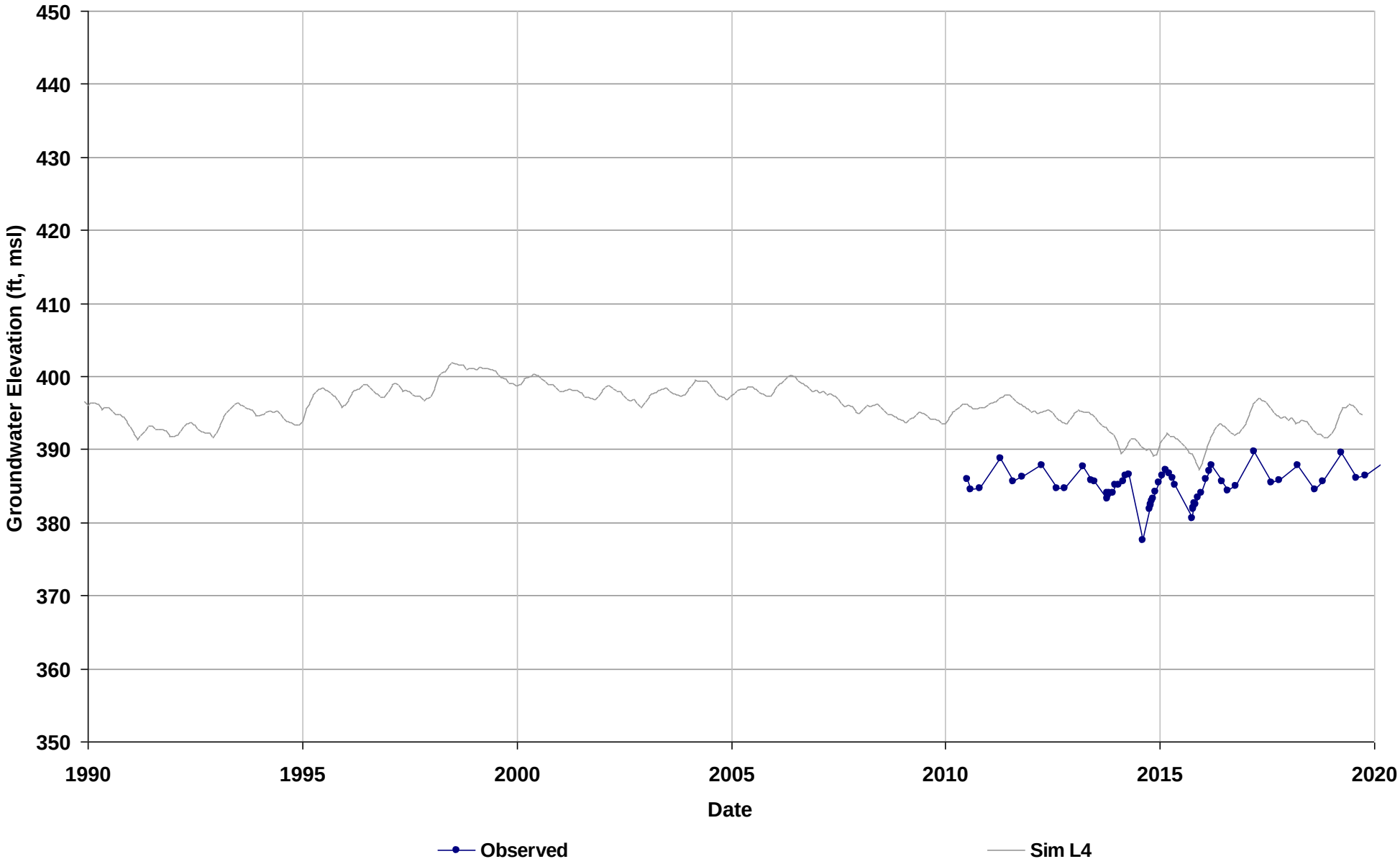
Average Residual (ft): -13.39



Well Name: 29N04W03R005M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 254
Perf Top (ft): 128
Perf Bottom (ft): 188
Top Model Layer: 4
Bottom Model Layer: 4

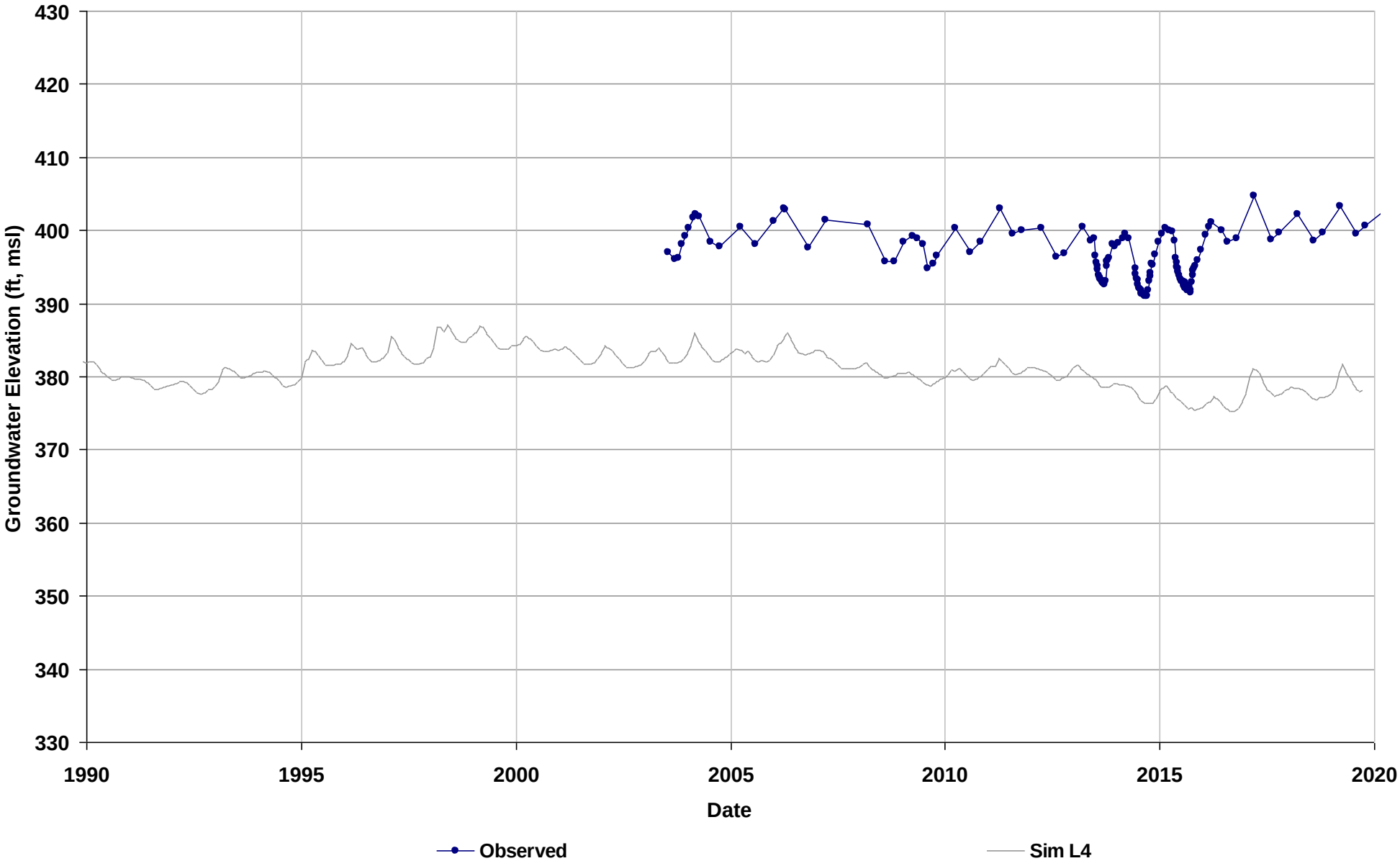
Average Residual (ft): 7.24



Well Name: 30N04W22F003M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

Total Depth (ft): 202
Perf Top (ft): 170
Perf Bottom (ft): 202
Top Model Layer: 4
Bottom Model Layer: 4

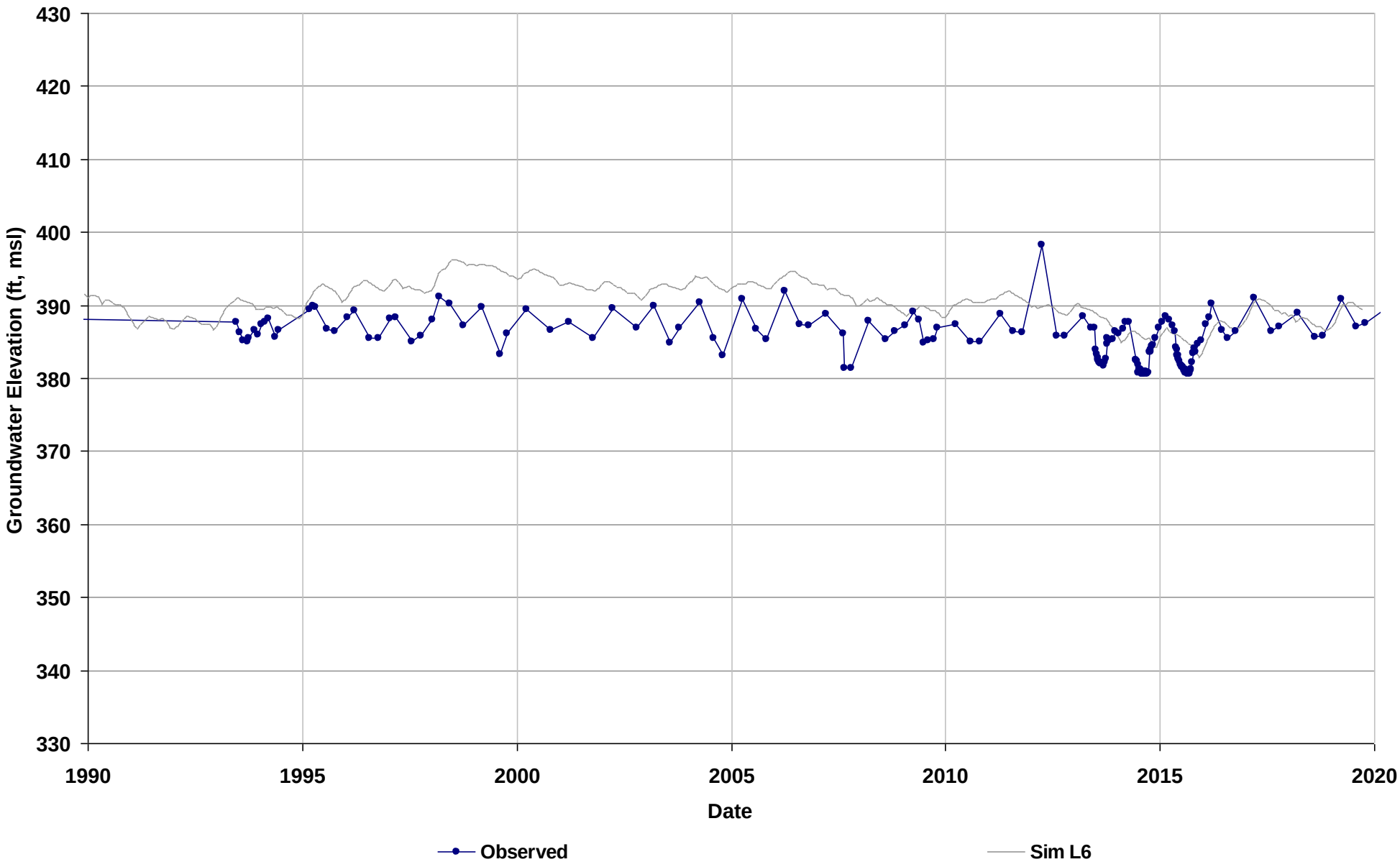
Average Residual (ft): -17.65



Well Name: 29N04W02P001M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 447

Total Depth (ft):
Perf Top (ft): 165
Perf Bottom (ft): 425
Top Model Layer: 6
Bottom Model Layer: 6

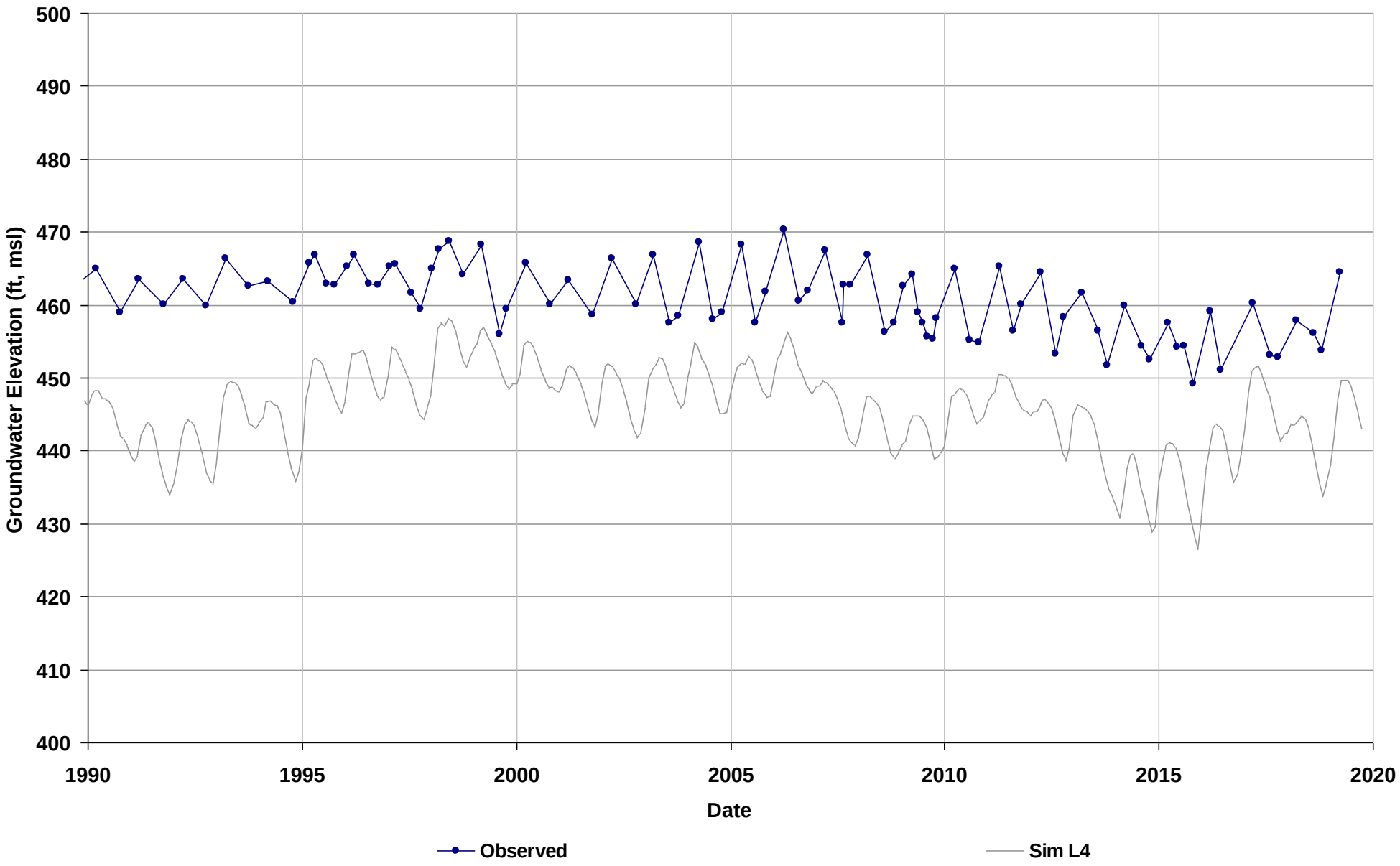
Average Residual (ft): 3.41



Well Name: 29N05W11A002M
Depth Zone: Composite
Subbasin: Anderson
GSE (ft, msl): 514

Total Depth (ft):
Perf Top (ft): 110
Perf Bottom (ft): 356
Top Model Layer: 4
Bottom Model Layer: 4

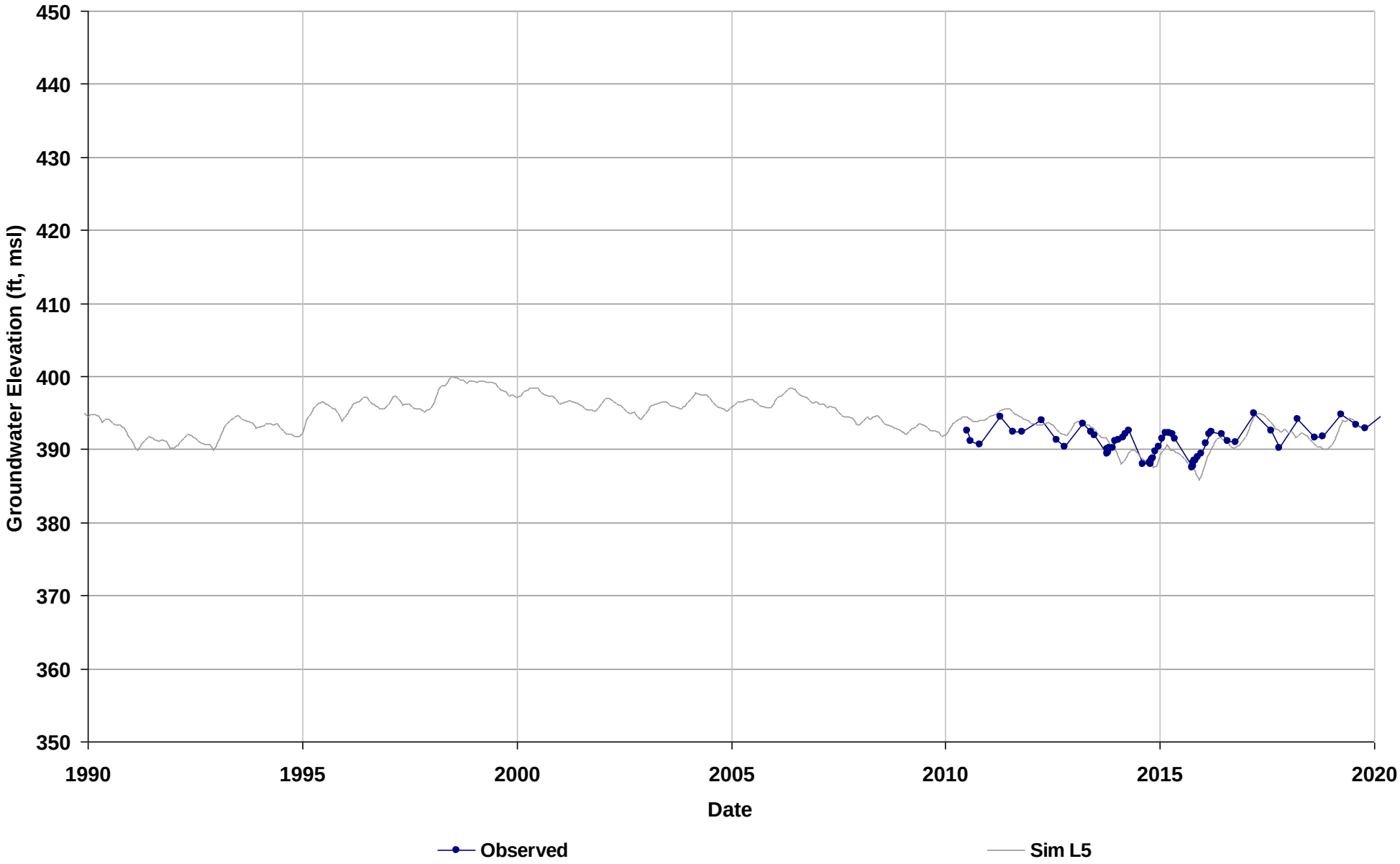
Average Residual (ft): -14.92



Well Name: 29N04W03R004M
Depth Zone: Upper
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 438
Perf Top (ft): 380
Perf Bottom (ft): 390
Top Model Layer: 5
Bottom Model Layer: 5

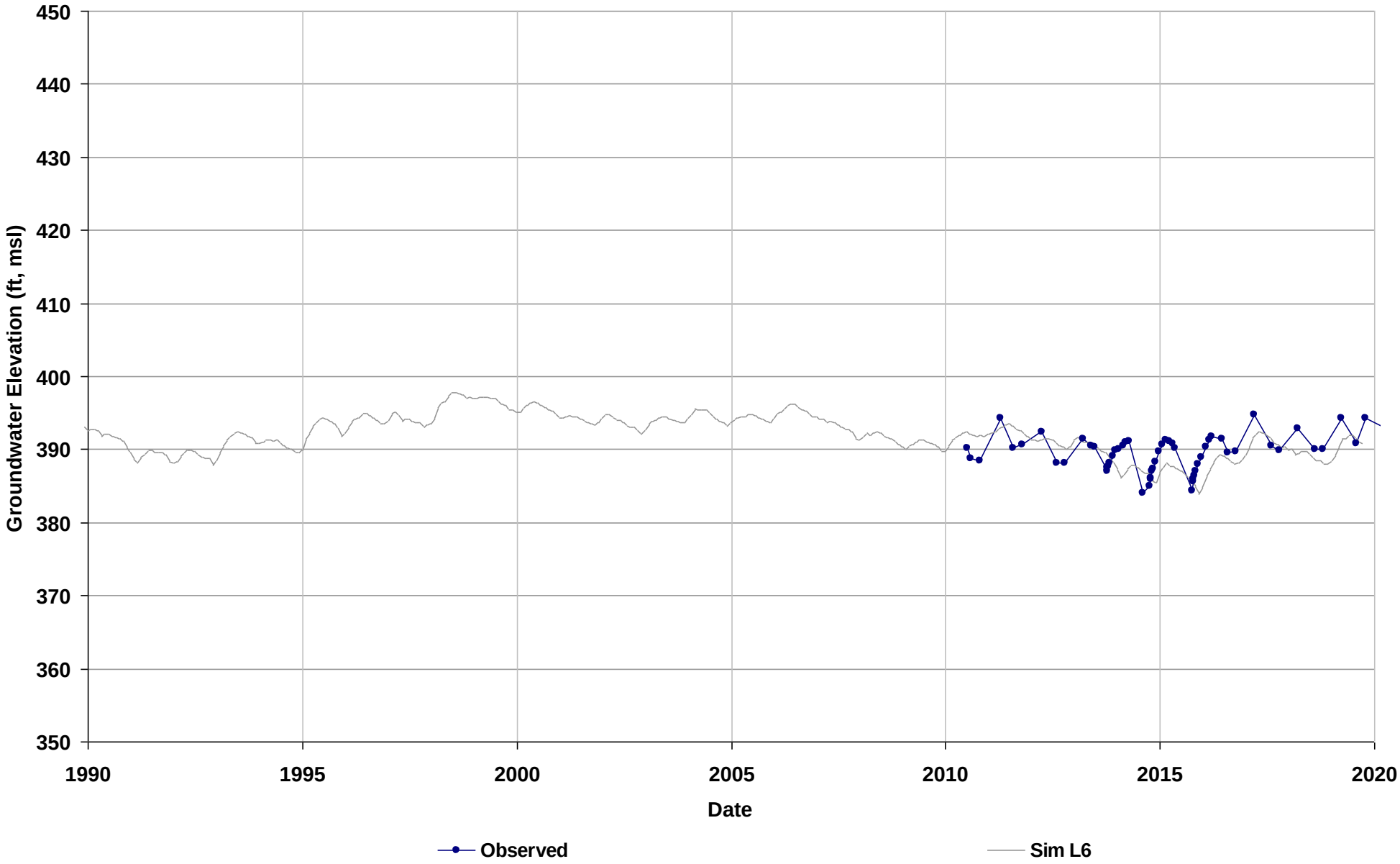
Average Residual (ft): -0.41



Well Name: 29N04W03R003M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 696
Perf Top (ft): 515
Perf Bottom (ft): 660
Top Model Layer: 6
Bottom Model Layer: 6

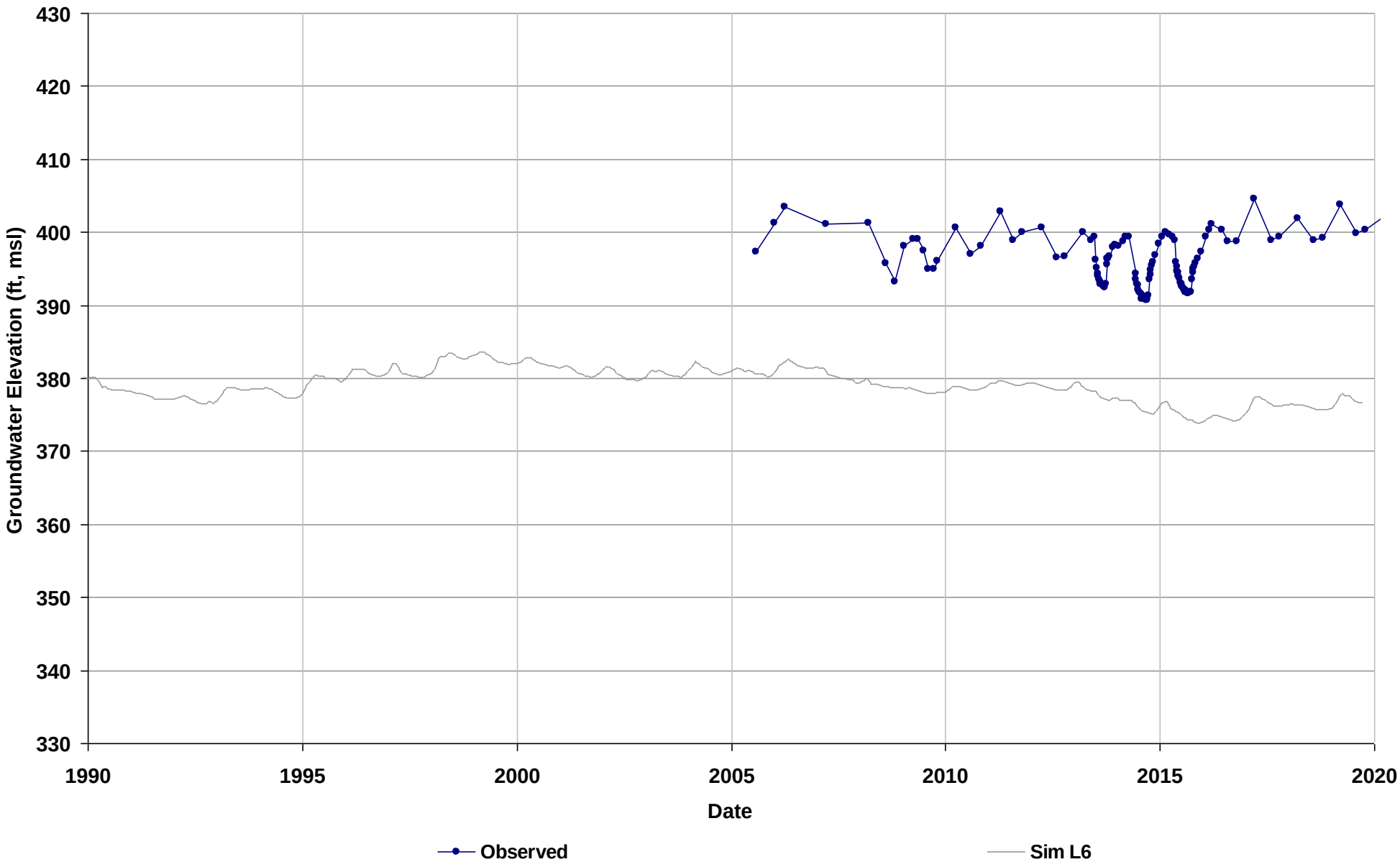
Average Residual (ft): -0.93



Well Name: 30N04W22F004M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 447

Total Depth (ft): 540
Perf Top (ft): 480
Perf Bottom (ft): 540
Top Model Layer: 6
Bottom Model Layer: 6

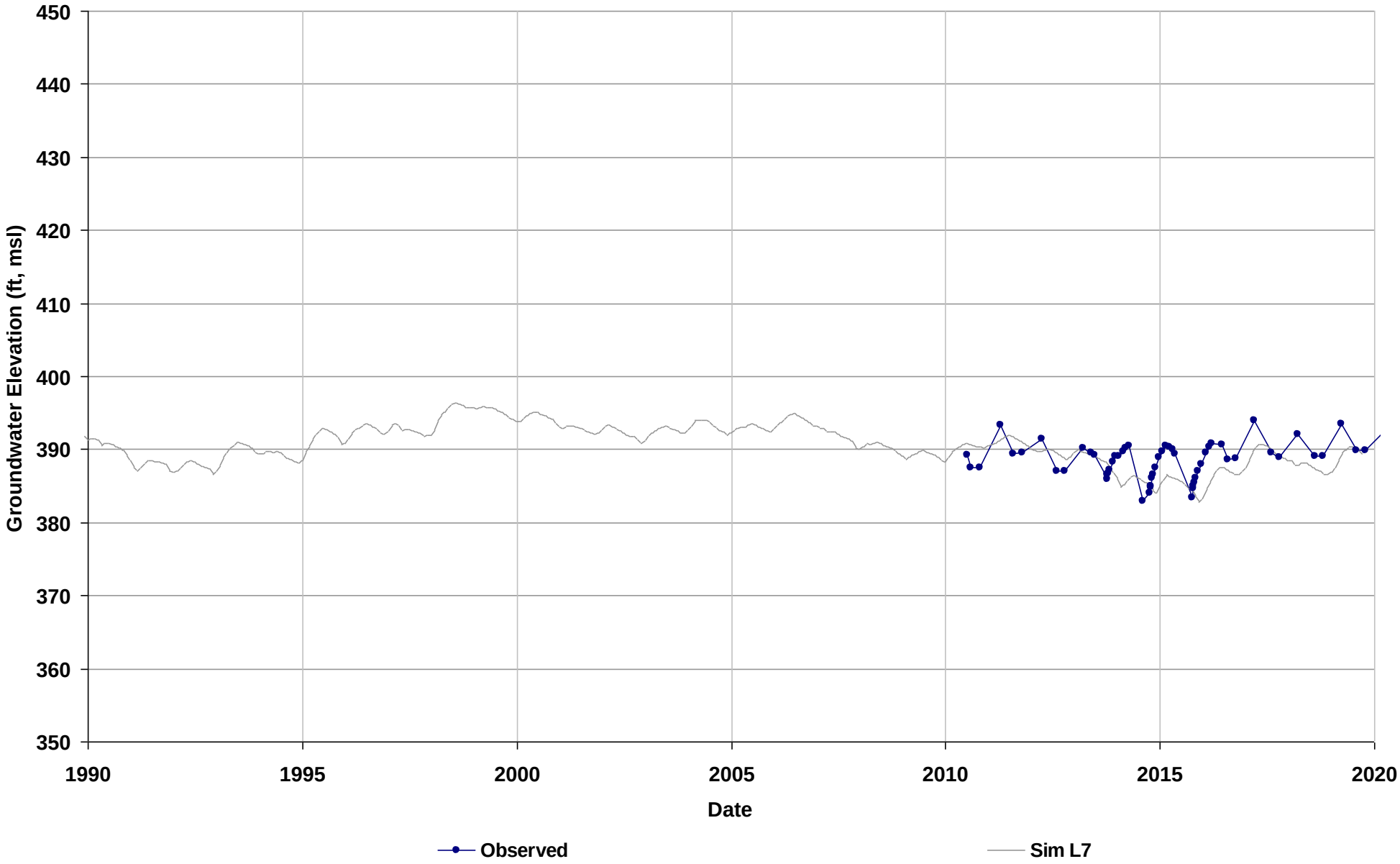
Average Residual (ft): -19.23



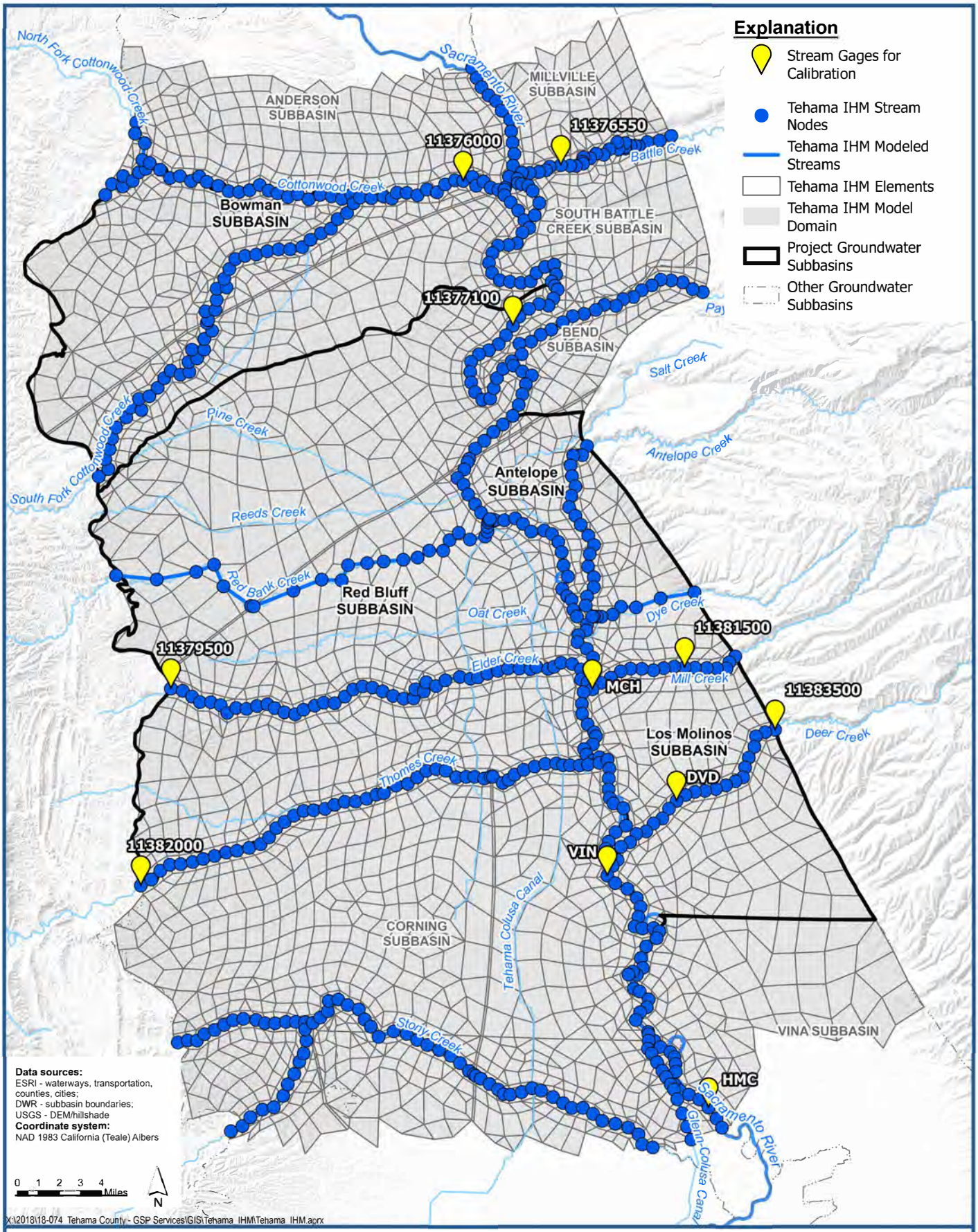
Well Name: 29N04W03R002M
Depth Zone: Lower
Subbasin: Anderson
GSE (ft, msl): 457

Total Depth (ft): 917
Perf Top (ft): 740
Perf Bottom (ft): 880
Top Model Layer: 7
Bottom Model Layer: 7

Average Residual (ft): -1.44



Appendix I. Tehama IHM Streamflow Calibration Hydrographs



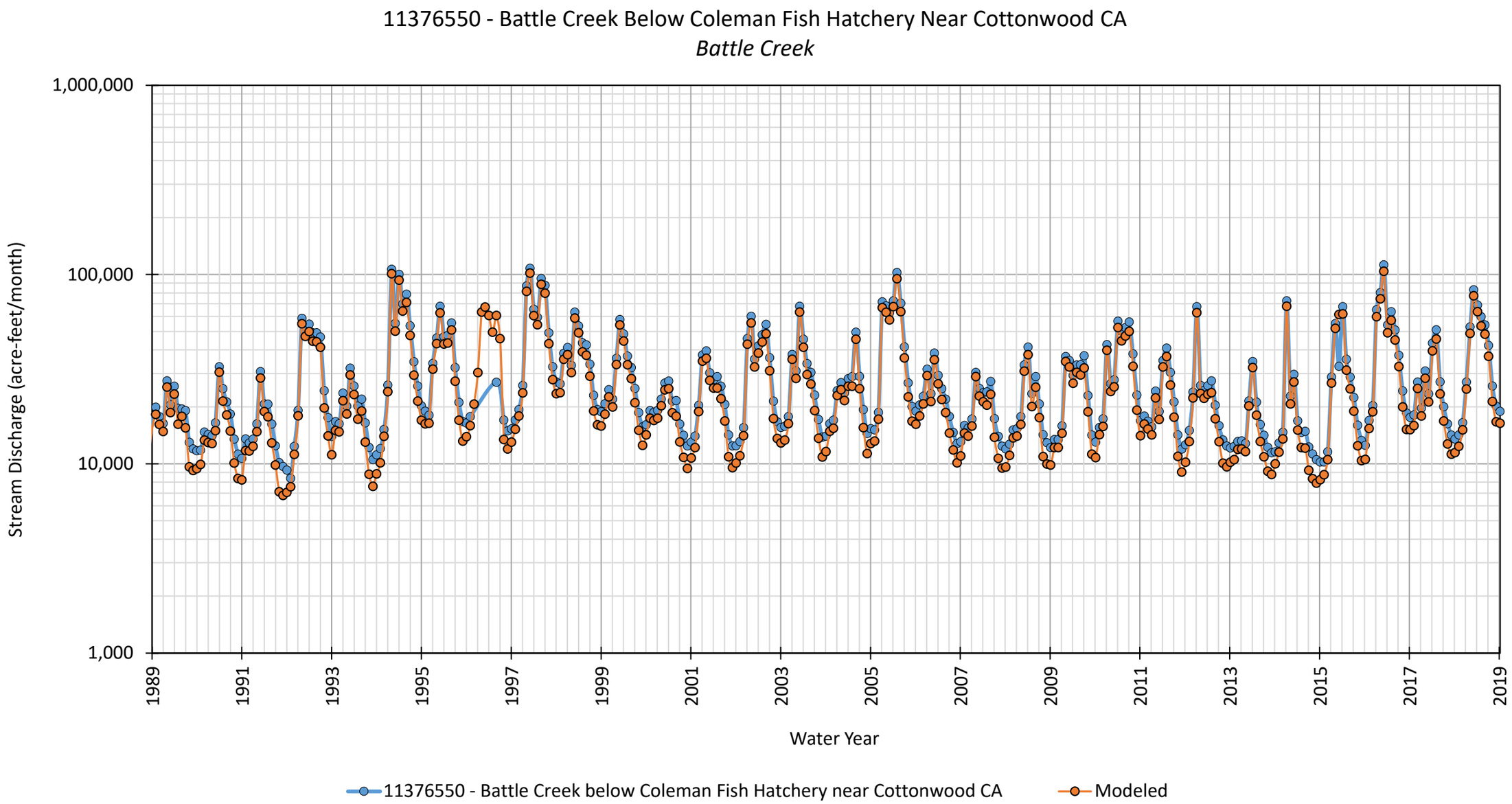
TEHAMA COUNTY

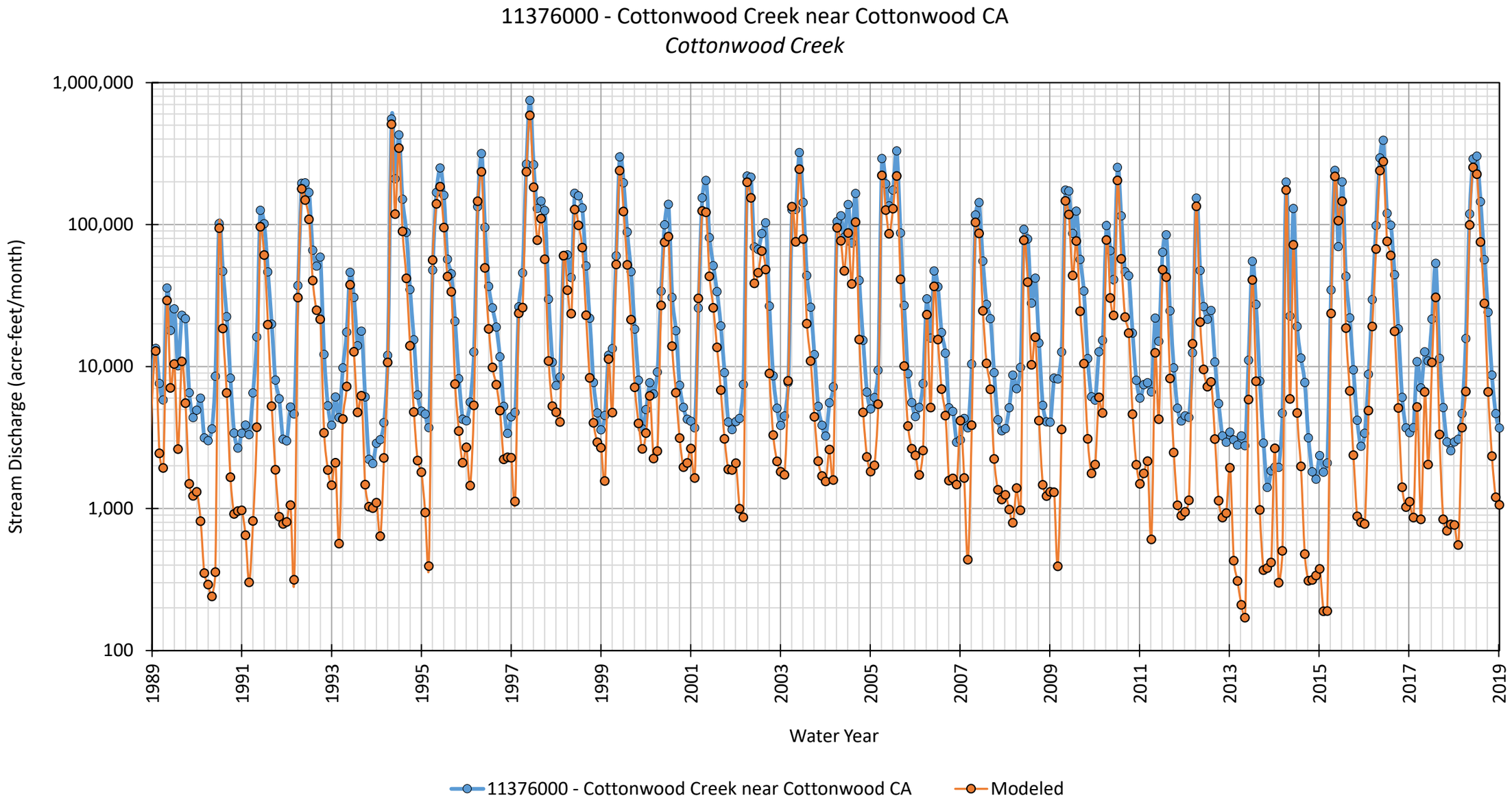
LSCE Team

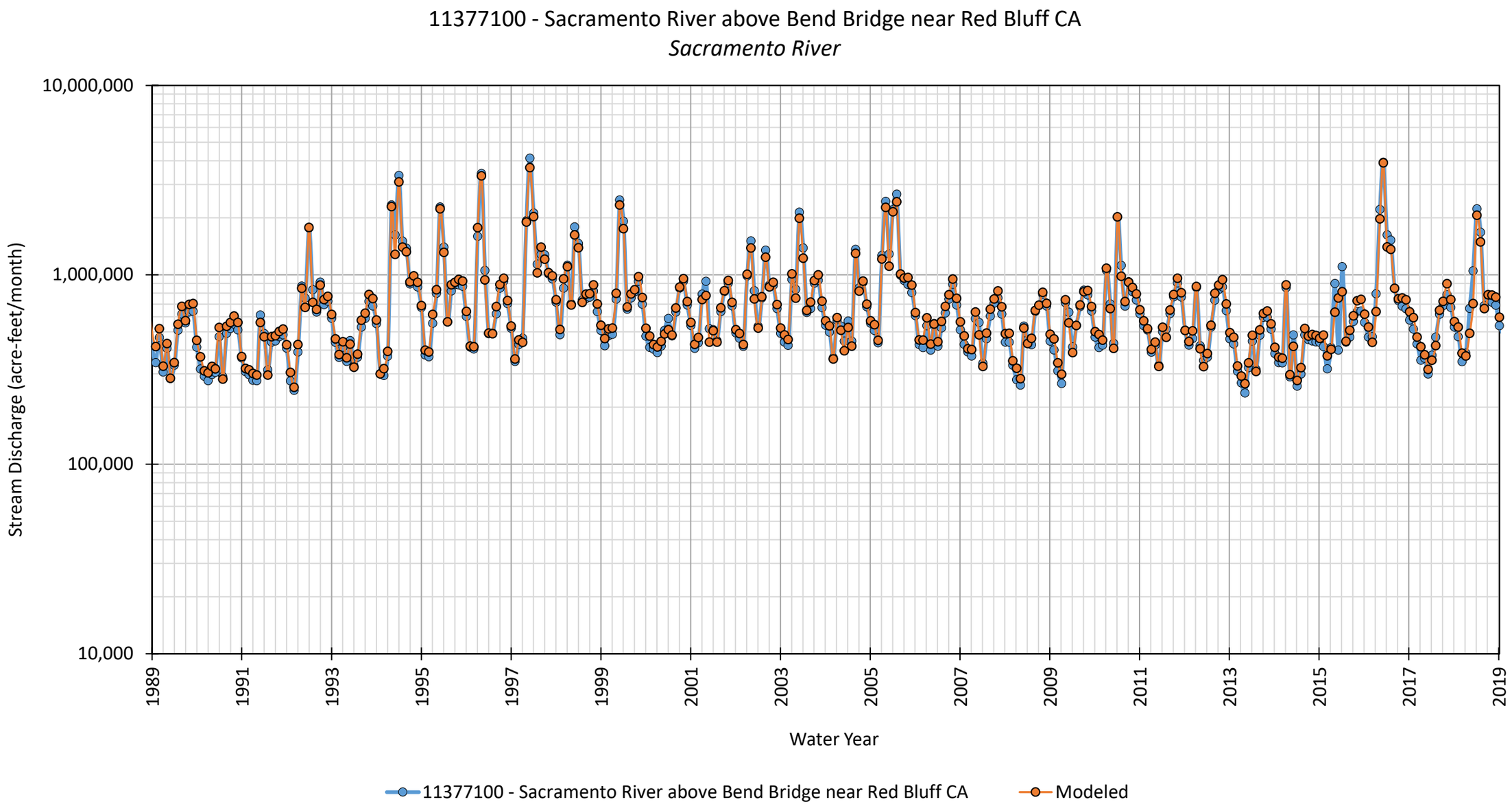
Map of Streamflow Calibration Gages in Tehama IHM

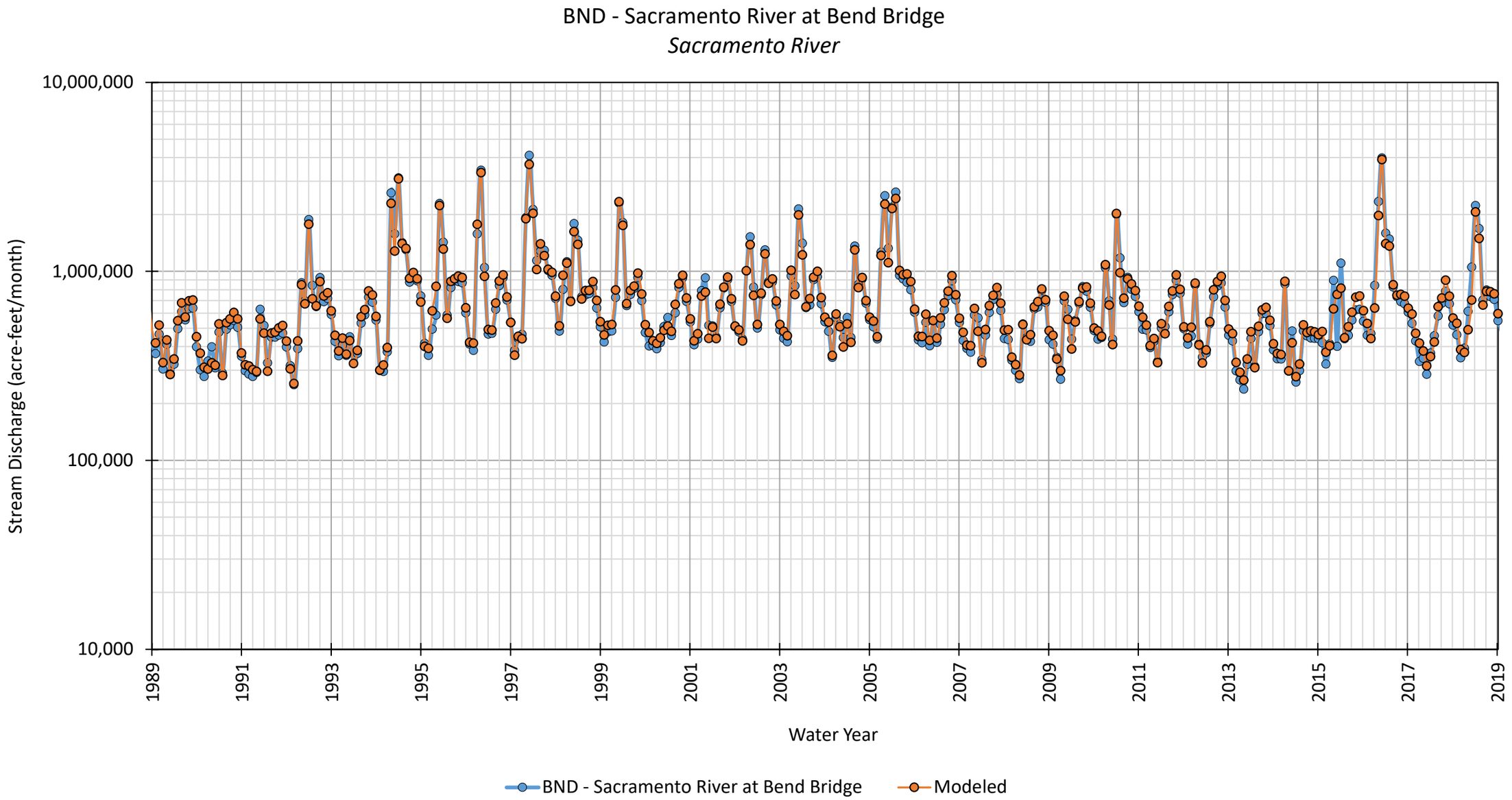
Groundwater Sustainability Planning
Tehama County, California

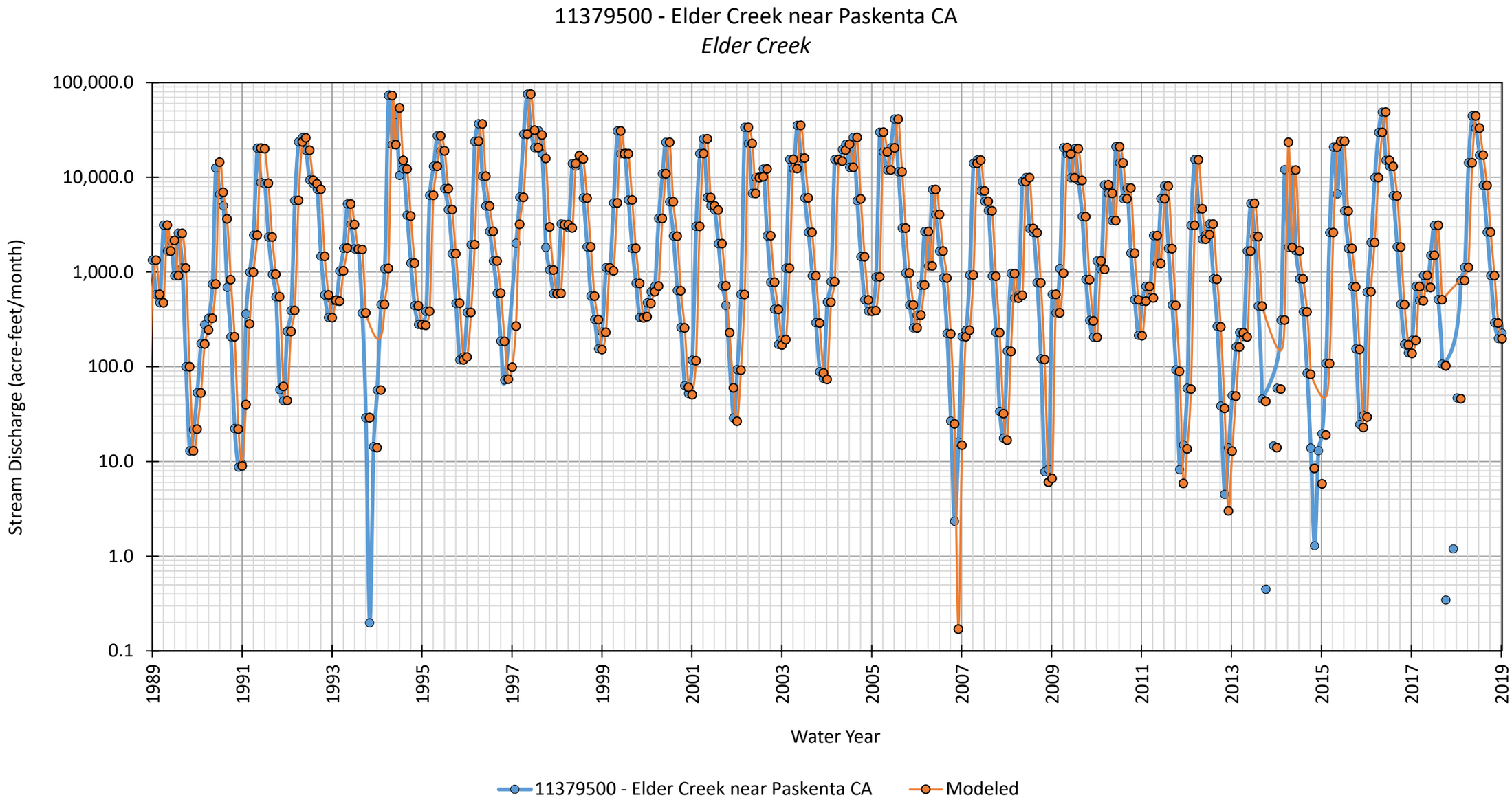
Figure I-1

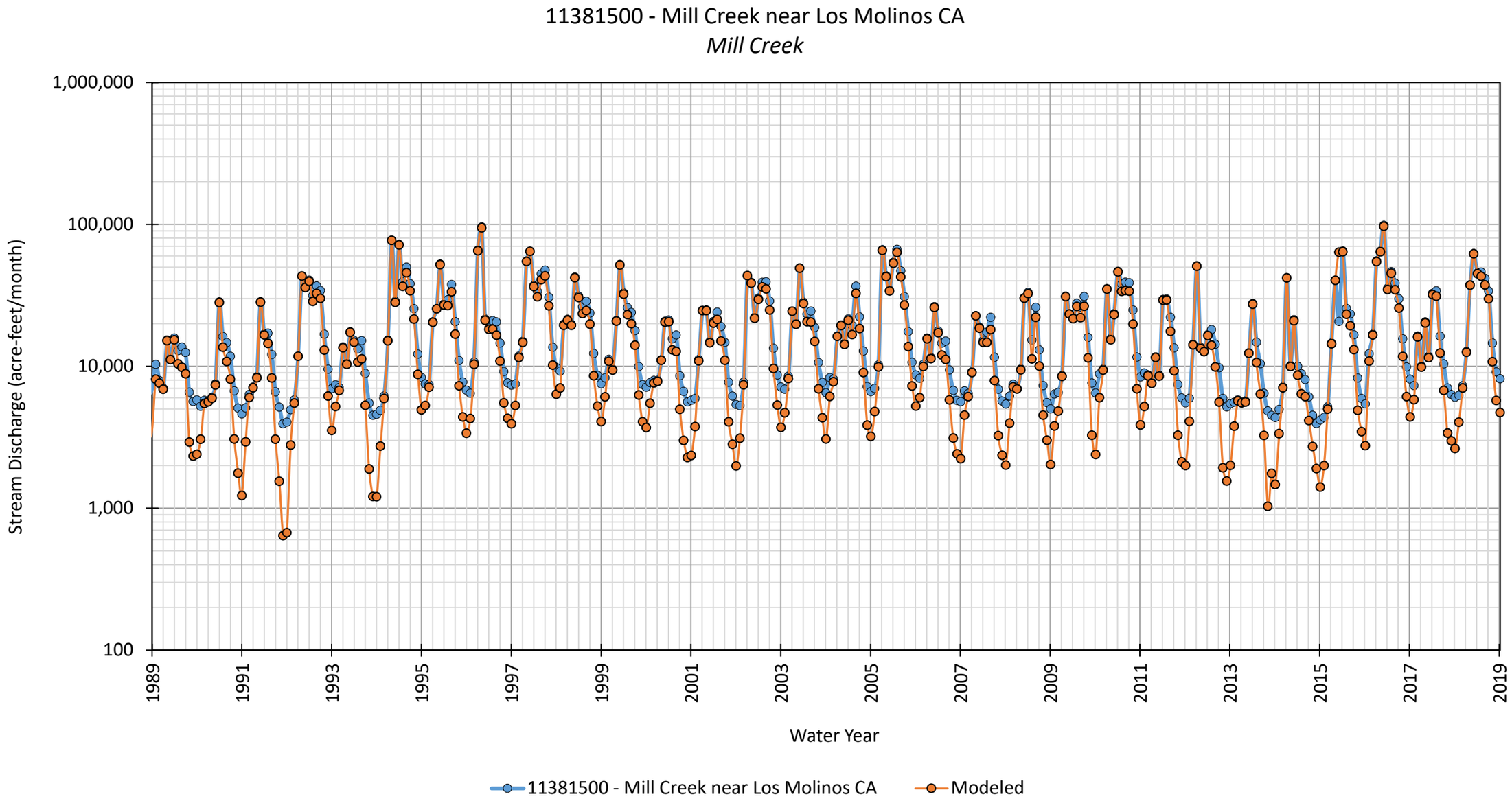

11376550 - Battle Creek Below Coleman Fish Hatchery Near Cottonwood CA
Battle Creek
1,000,000
100,000
10,000
1,000
Stream Discharge (acre-feet/month)
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
2017
2019
Water Year
11376550 - Battle Creek below Coleman Fish Hatchery near Cottonwood CA
Modeled

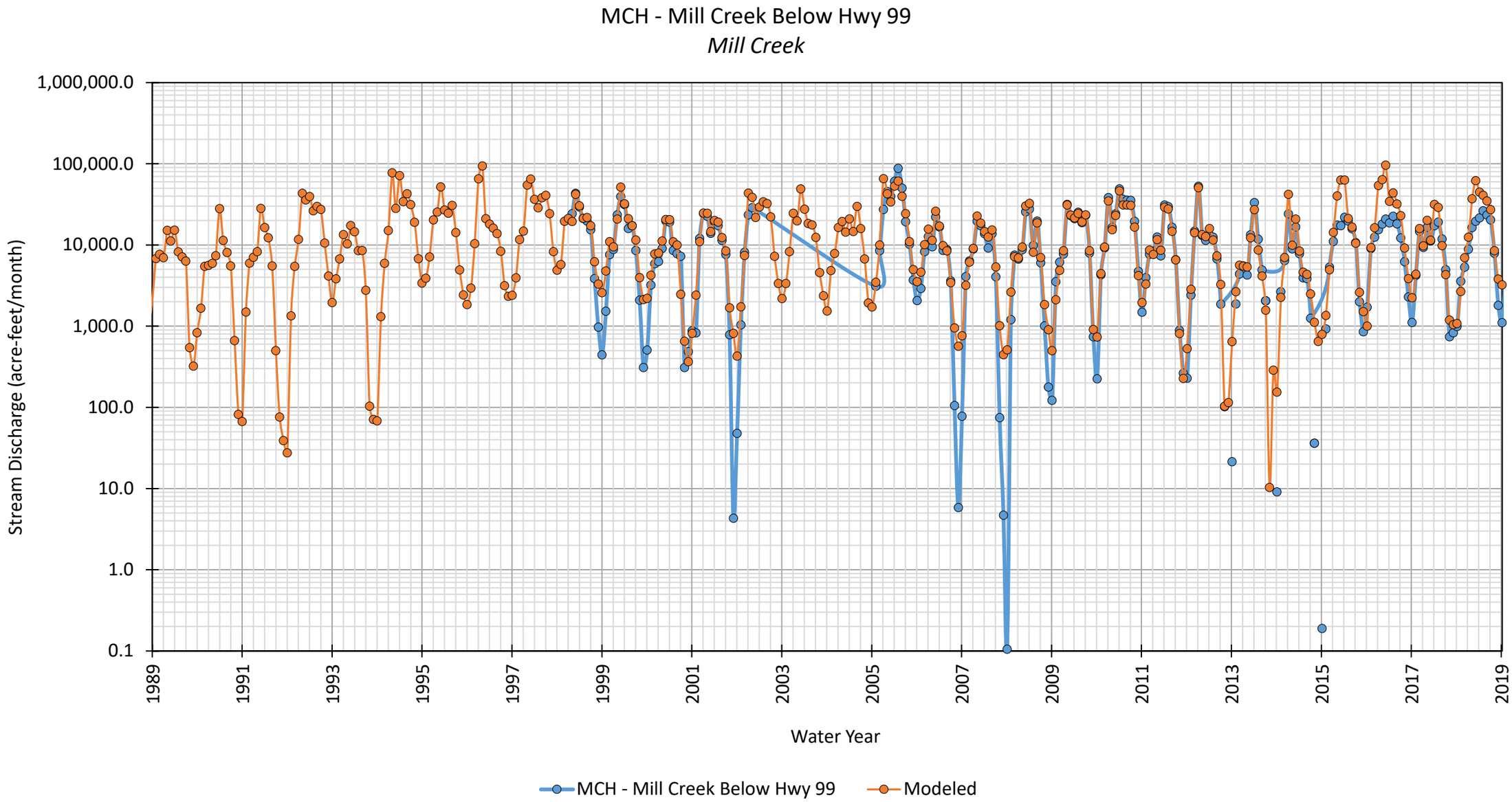

11376000 - Cottonwood Creek near Cottonwood CA
Cottonwood Creek
Stream Discharge (acre-feet/month)
1,000,000
100,000
10,000
1,000
100
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
2017
2019
Water Year
11376000 - Cottonwood Creek near Cottonwood CA
Modeled

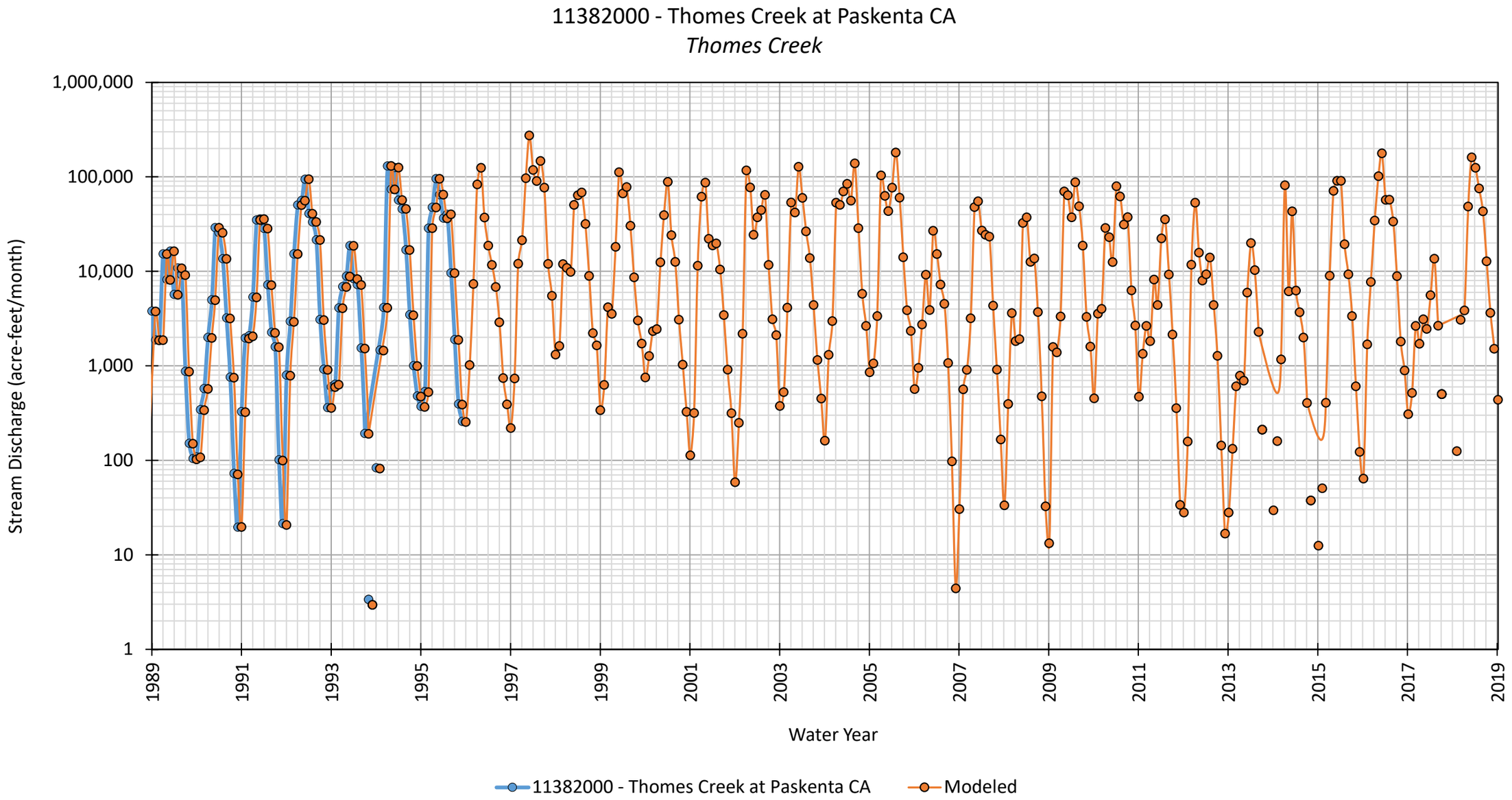

11377100 - Sacramento River above Bend Bridge near Red Bluff CA
Sacramento River
10,000,000
1,000,000
100,000
10,000
Stream Discharge (acre-feet/month)
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
2017
2019
Water Year
11377100 - Sacramento River above Bend Bridge near Red Bluff CA
Modeled

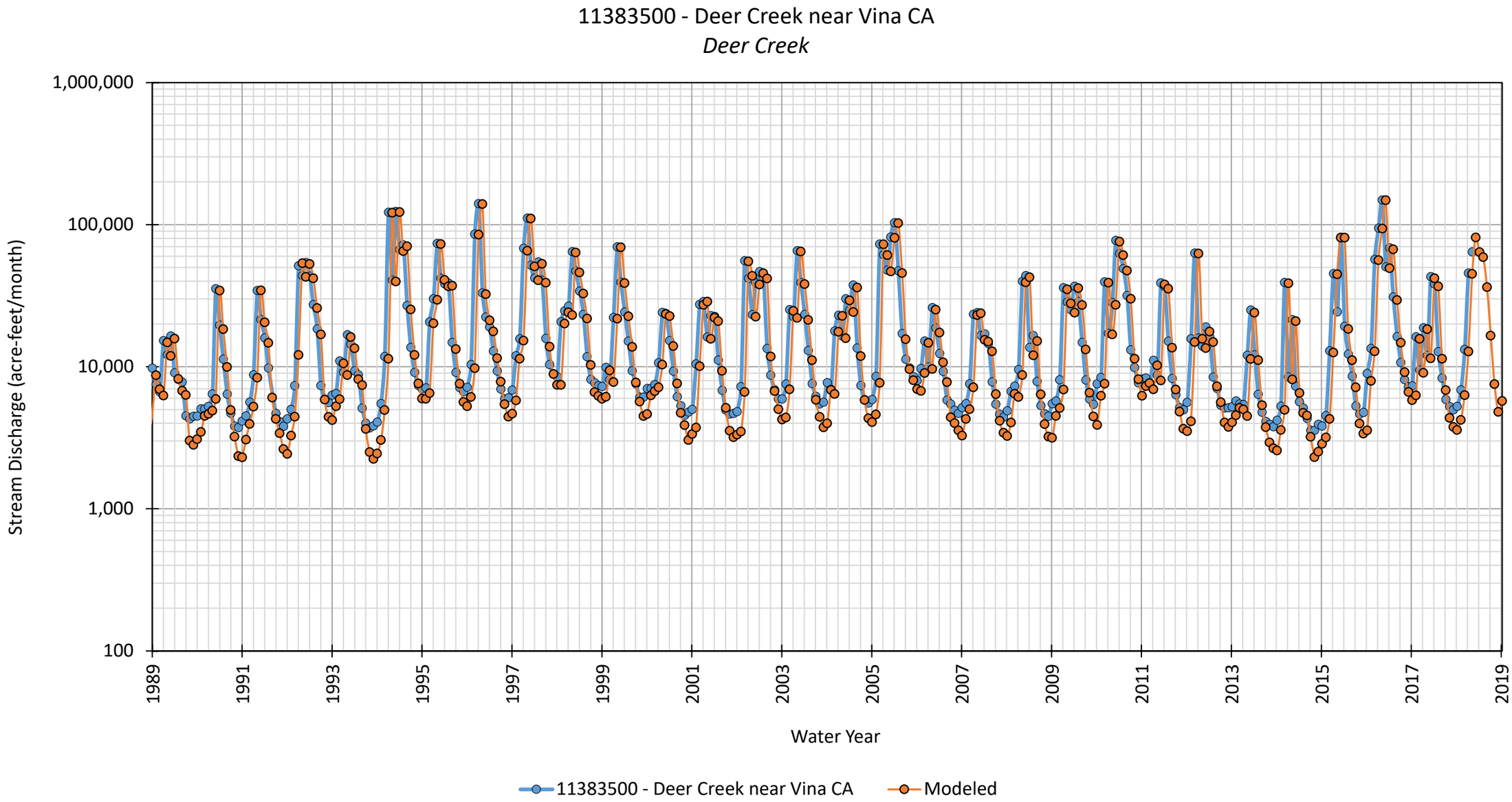

BND - Sacramento River at Bend Bridge
Sacramento River
10,000,000
1,000,000
100,000
10,000
Stream Discharge (acre-feet/month)
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
2017
2019
Water Year
BND - Sacramento River at Bend Bridge
Modeled

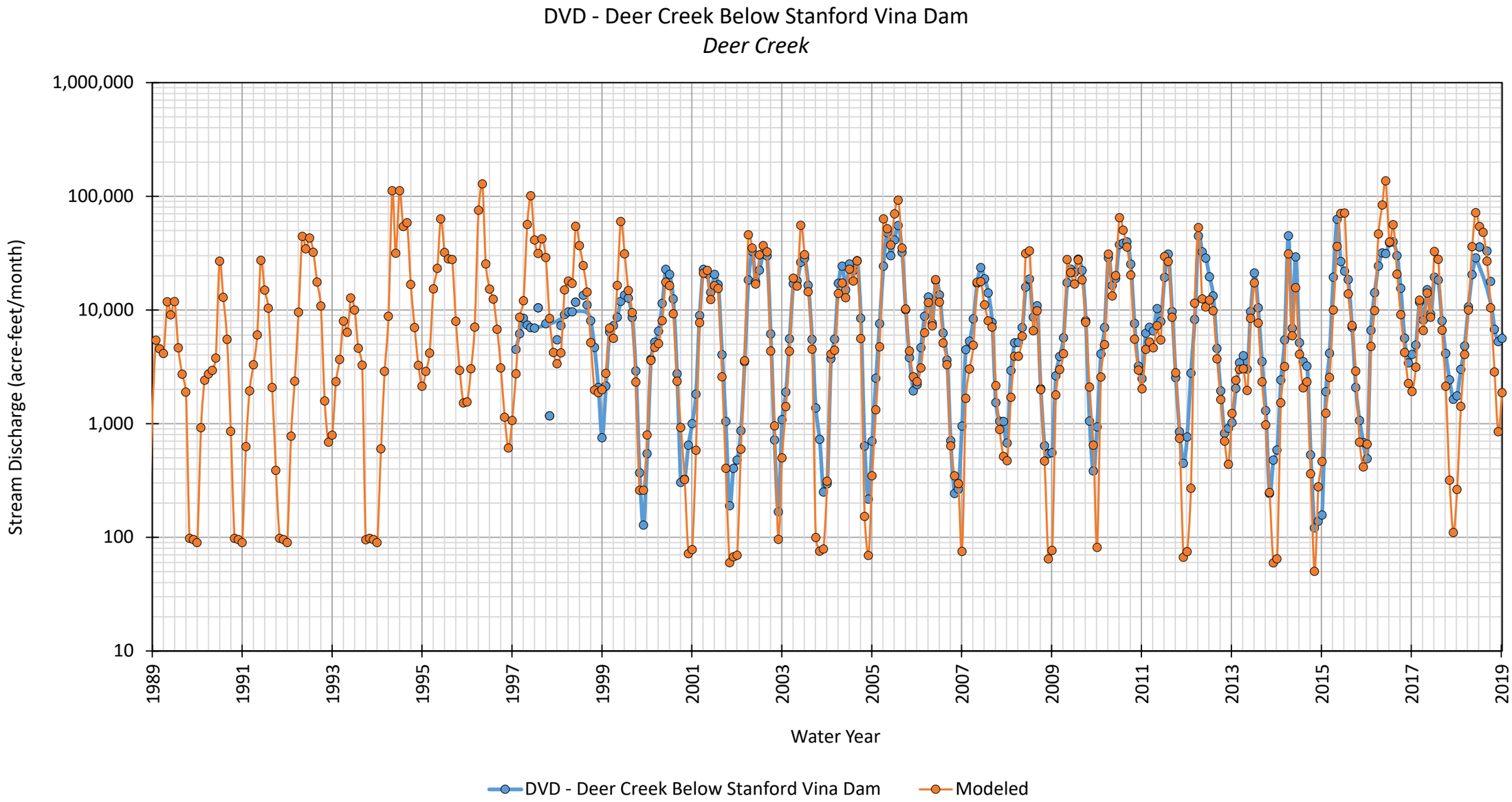

11379500 - Elder Creek near Paskenta CA
Elder Creek
Stream Discharge (acre-feet/month)
100,000.0
10,000.0
1,000.0
100.0
10.0
1.0
0.1
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
2017
2019
Water Year
11379500 - Elder Creek near Paskenta CA
Modeled

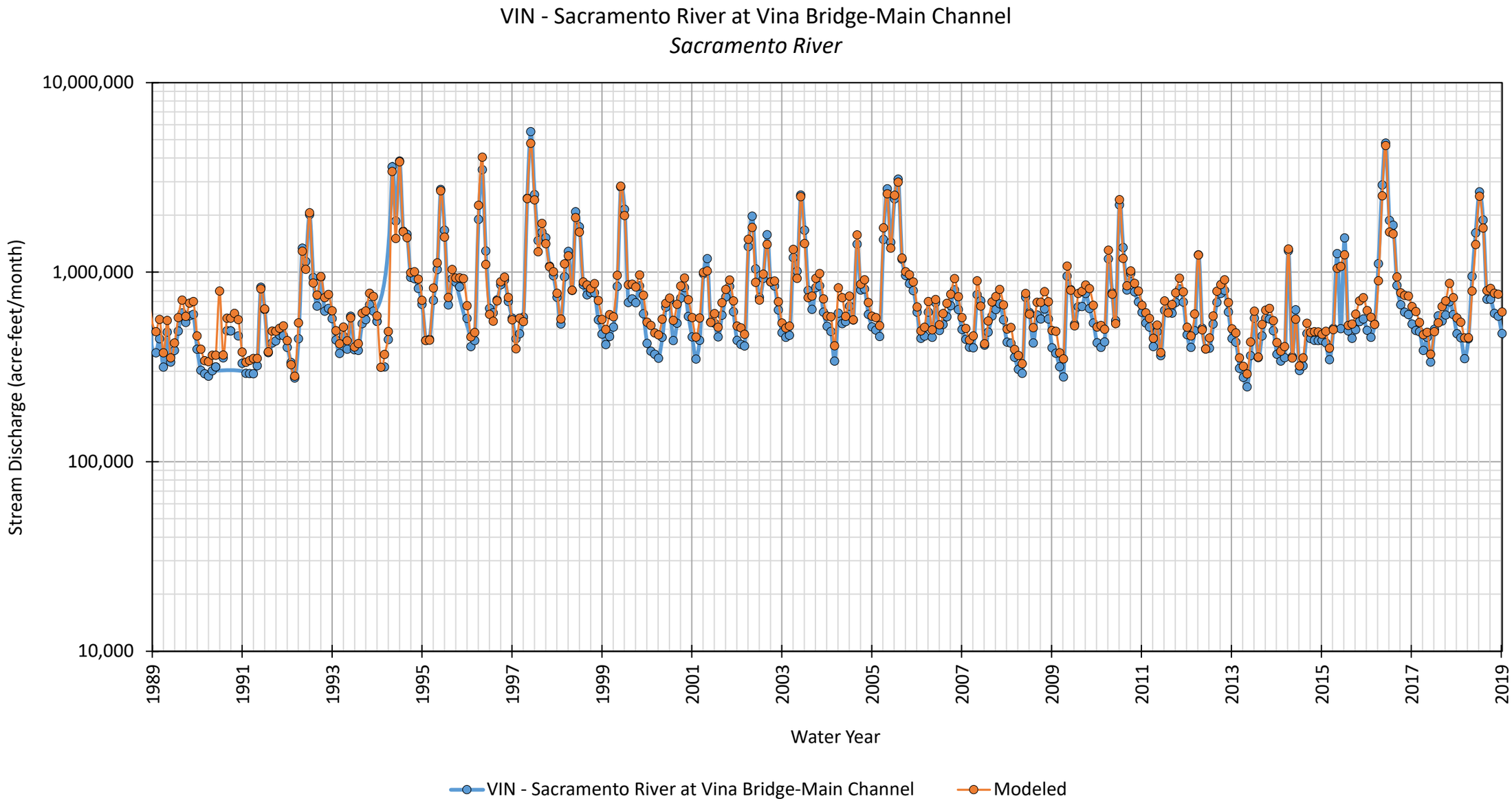

11381500 - Mill Creek near Los Molinos CA
Mill Creek
Stream Discharge (acre-feet/month)
1,000,000
100,000
10,000
1,000
100
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
2017
2019
Water Year
11381500 - Mill Creek near Los Molinos CA
Modeled

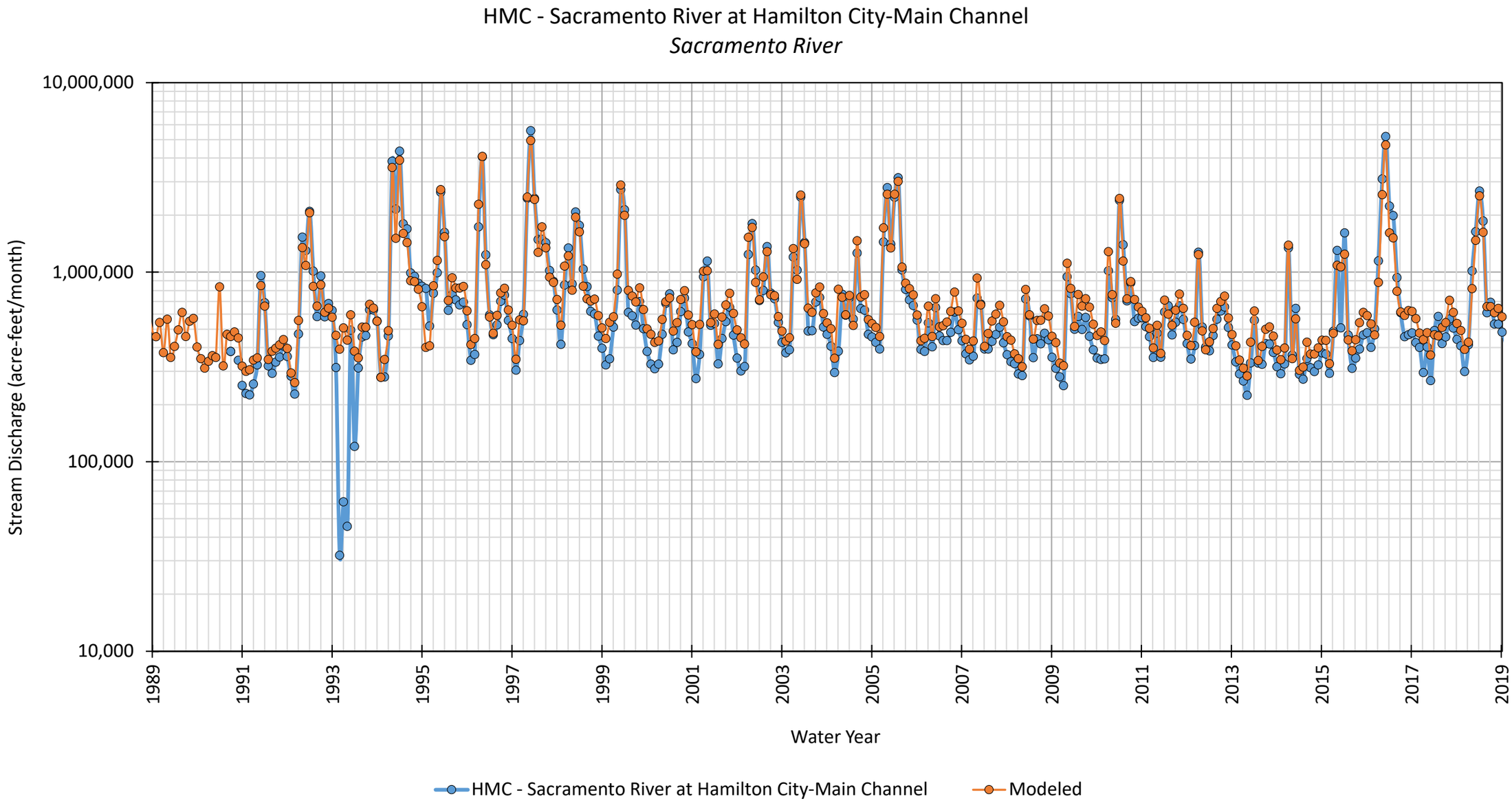

MCH - Mill Creek Below Hwy 99
Mill Creek
Stream Discharge (acre-feet/month)
1,000,000.0
100,000.0
10,000.0
1,000.0
100.0
10.0
1.0
0.1
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
2017
2019
Water Year
MCH - Mill Creek Below Hwy 99
Modeled


11382000 - Thomes Creek at Paskenta CA
Thomes Creek
Stream Discharge (acre-feet/month)
1,000,000
100,000
10,000
1,000
100
10
1
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
2017
2019
Water Year
11382000 - Thomes Creek at Paskenta CA
Modeled


11383500 - Deer Creek near Vina CA
Deer Creek
Stream Discharge (acre-feet/month)
1,000,000
100,000
10,000
1,000
100
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
2017
2019
Water Year
11383500 - Deer Creek near Vina CA
Modeled


DVD - Deer Creek Below Stanford Vina Dam
Deer Creek
Stream Discharge (acre-feet/month)
1,000,000
100,000
10,000
1,000
100
10
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
2017
2019
Water Year
DVD - Deer Creek Below Stanford Vina Dam
Modeled


VIN - Sacramento River at Vina Bridge-Main Channel
Sacramento River
10,000,000
1,000,000
100,000
10,000
Stream Discharge (acre-feet/month)
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
2017
2019
Water Year
VIN - Sacramento River at Vina Bridge-Main Channel
Modeled


HMC - Sacramento River at Hamilton City-Main Channel
Sacramento River
10,000,000
1,000,000
100,000
10,000
Stream Discharge (acre-feet/month)
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
2011
2013
2015
2017
2019
Water Year
HMC - Sacramento River at Hamilton City-Main Channel
Modeled