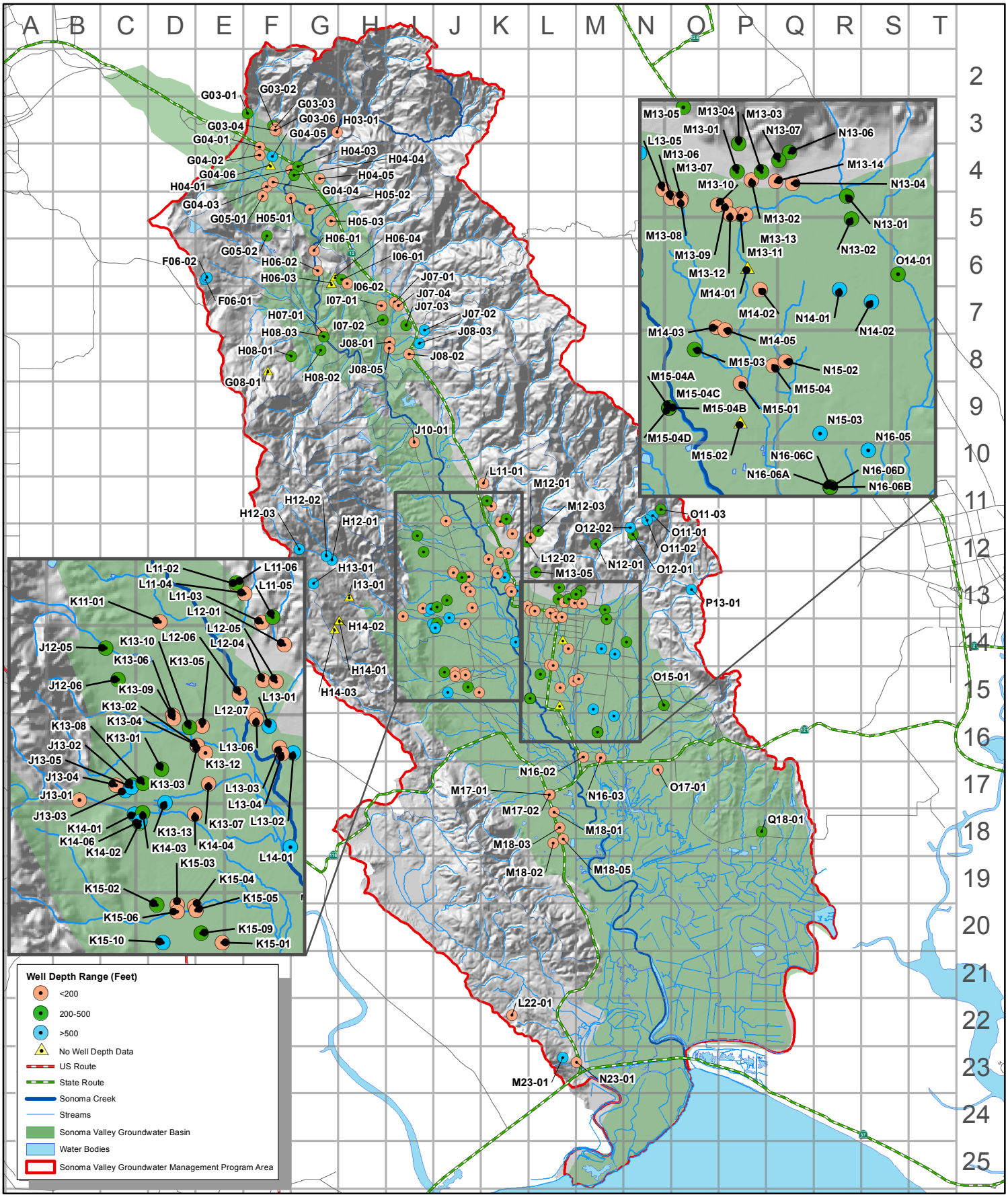


Sonoma Valley
Groundwater Management Program
Groundwater Level Monitoring Network

0 0.5 1 2 3 4 5
Miles

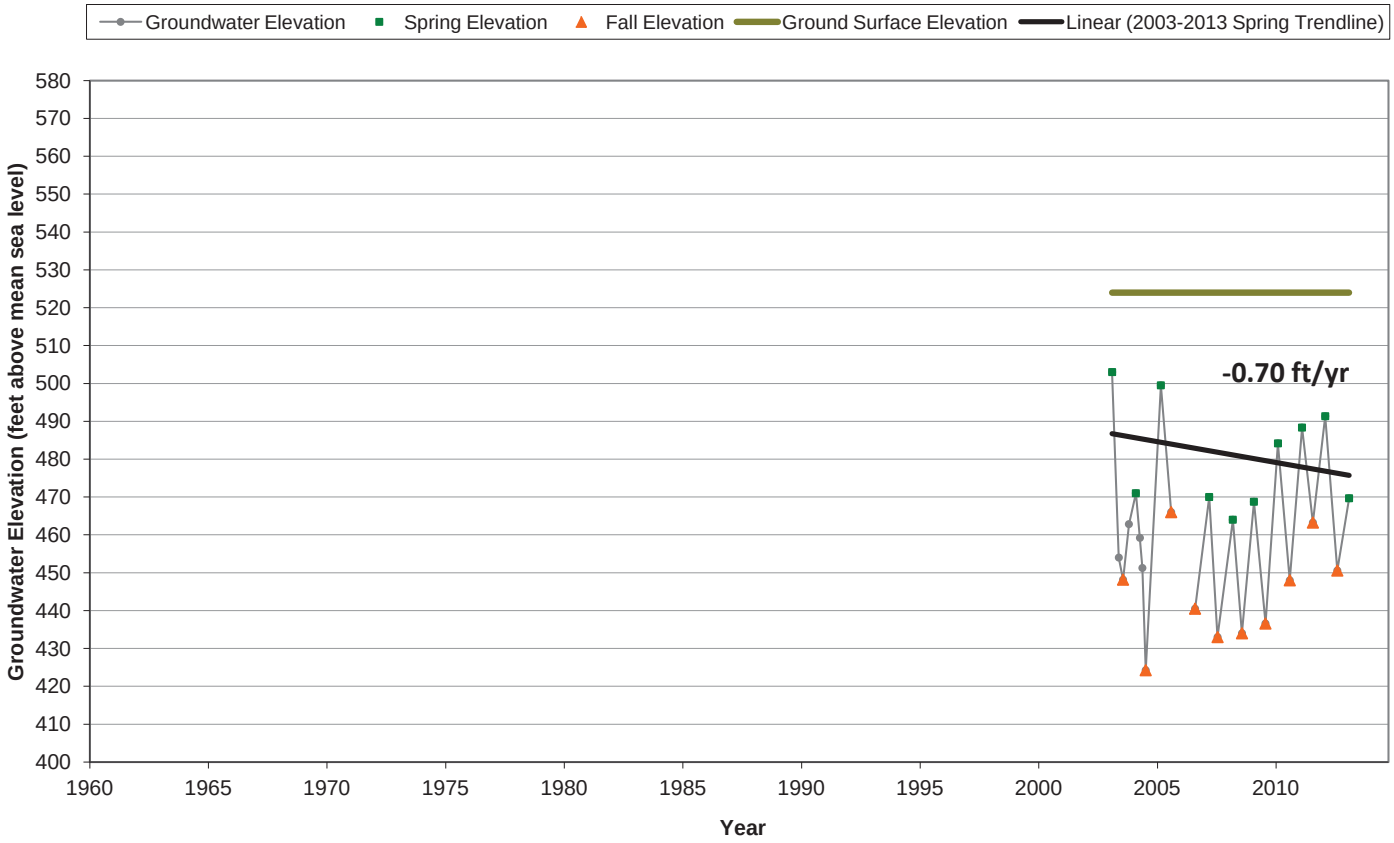
N W E S

Figure A-1

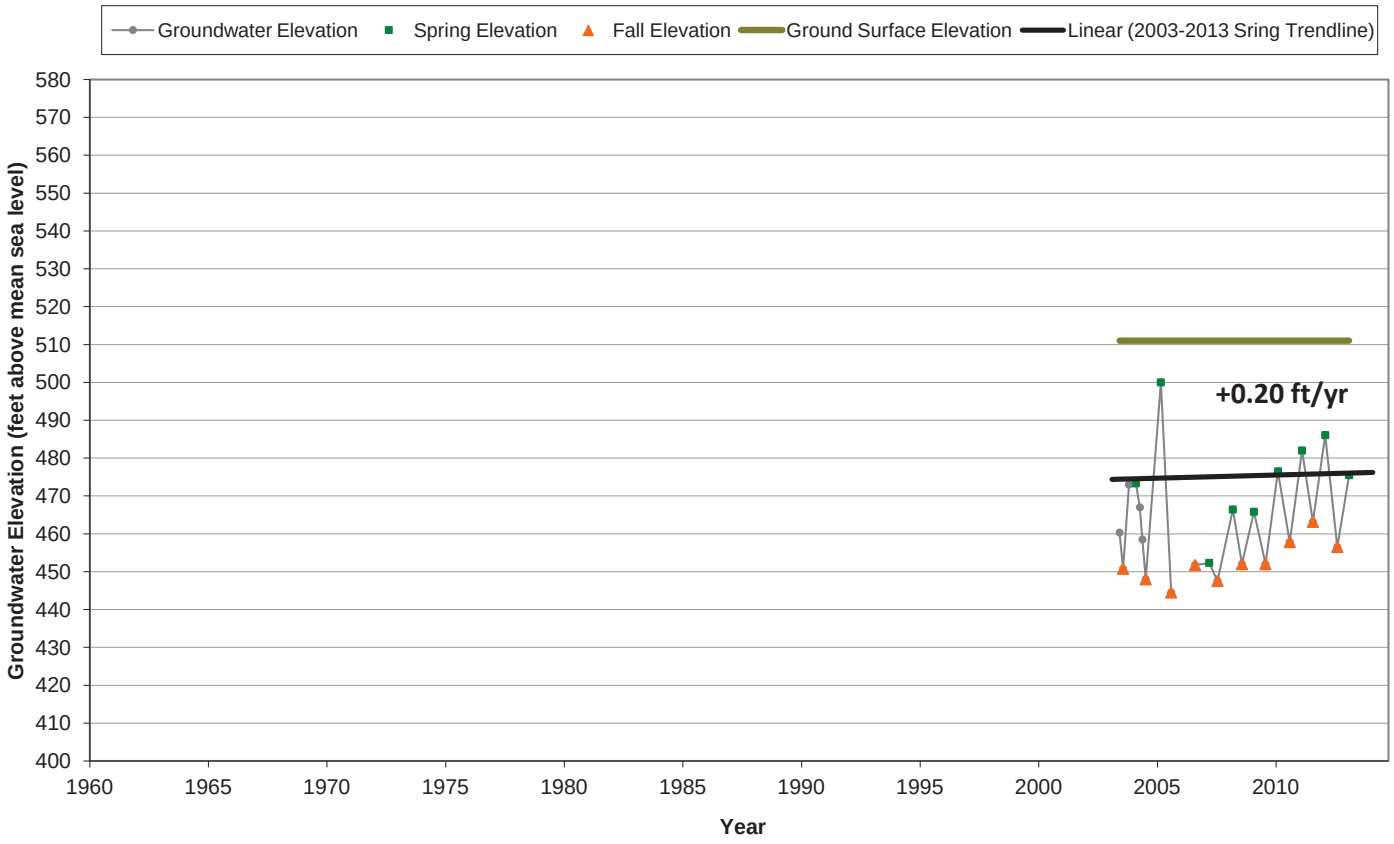
December 13, 2013

Groundwater Hydrographs
Less Than 200 Feet Deep

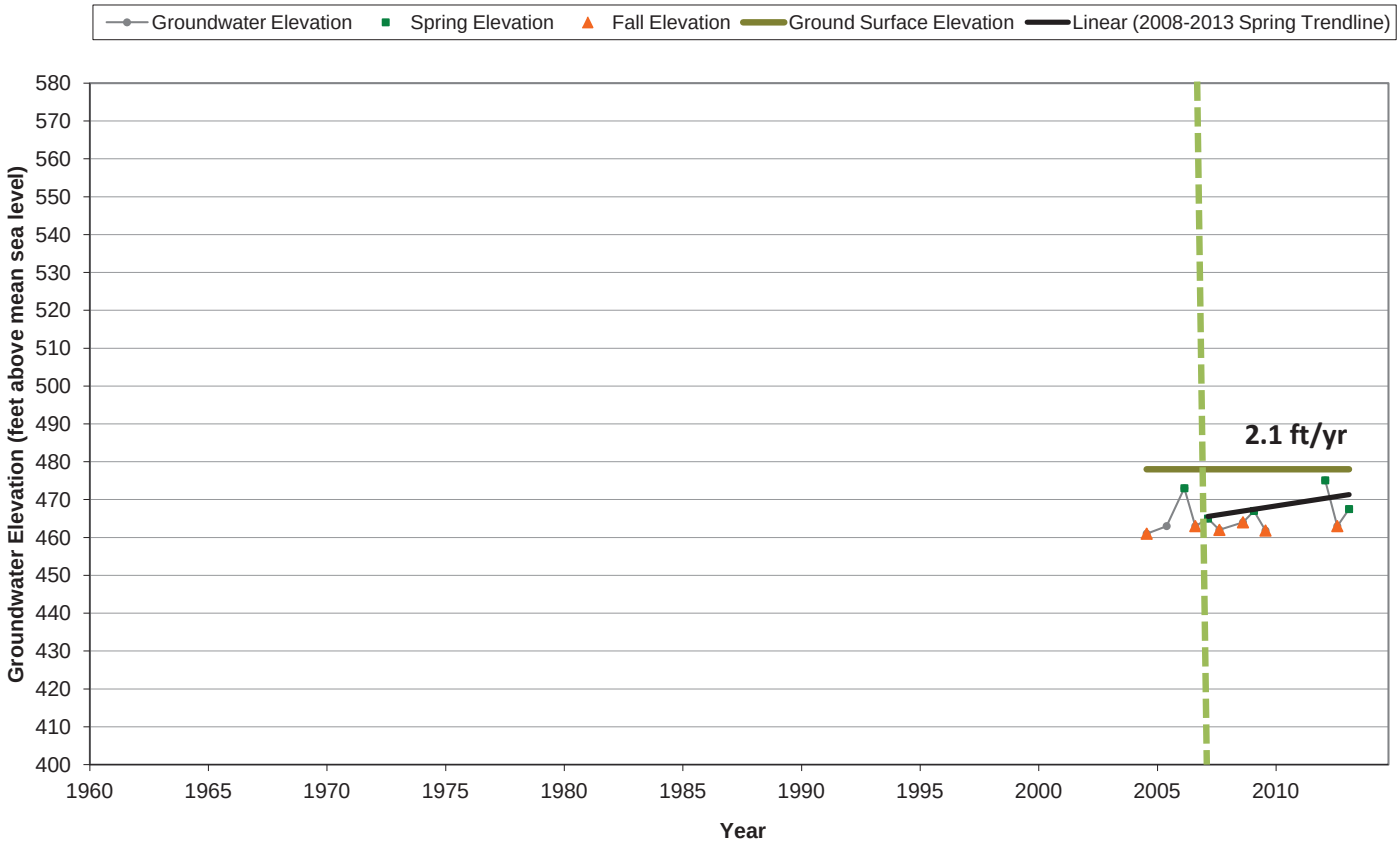
Groundwater-Level Hydrograph
G03-03 (<200 feet)



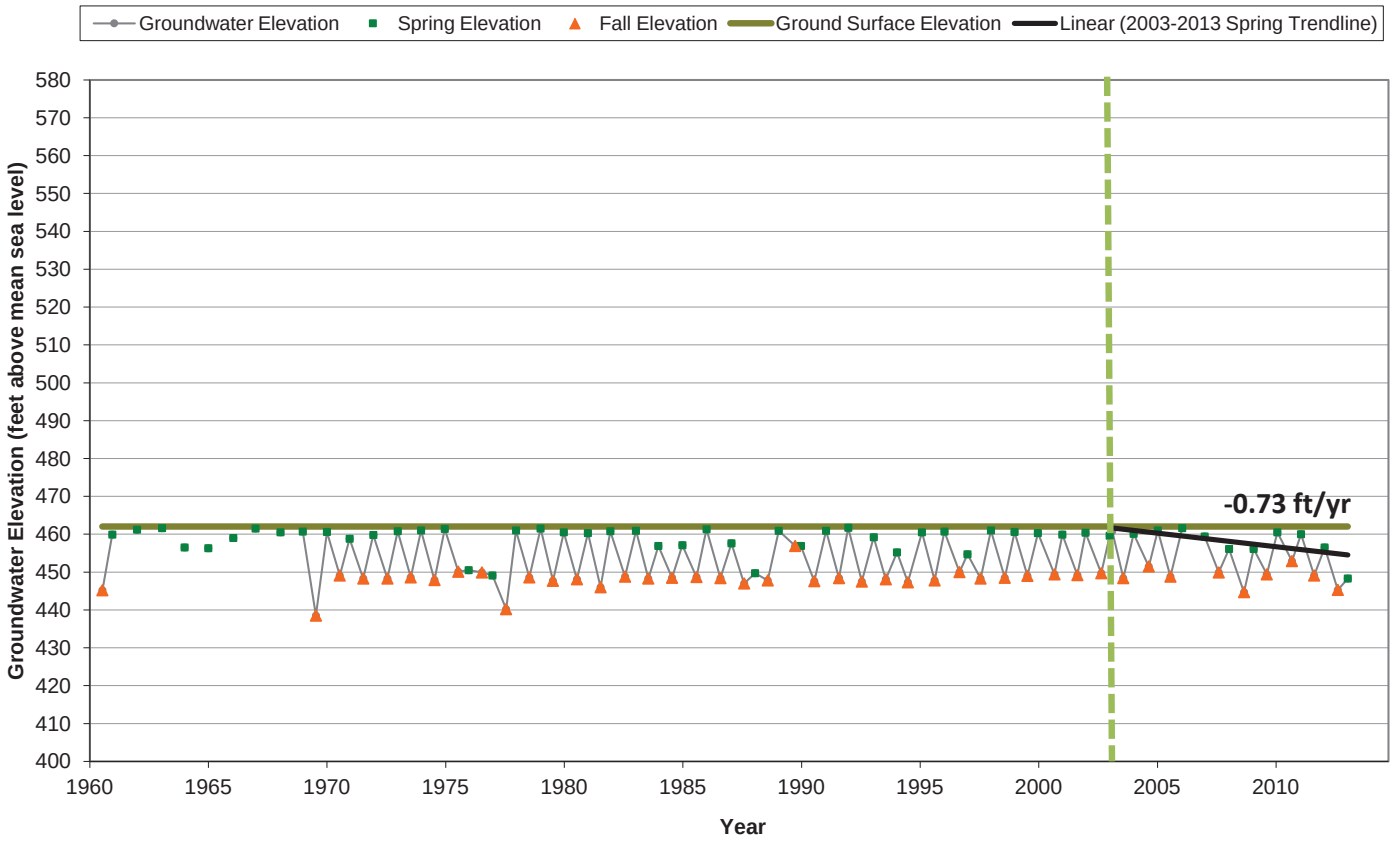
Groundwater-Level Hydrograph
G03-04 (<200 feet)



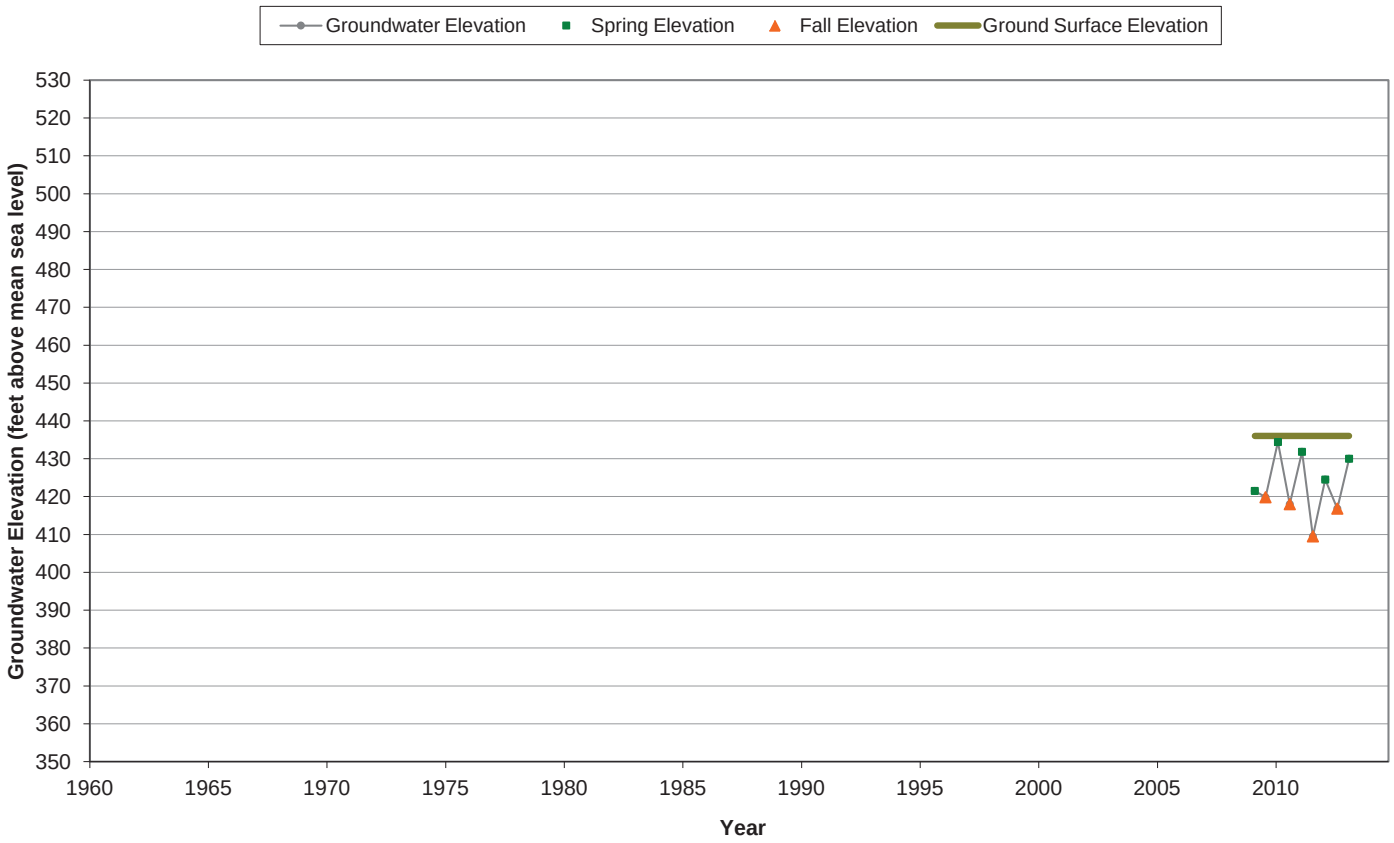
Groundwater-Level Hydrograph
G04-01 (<200 feet)



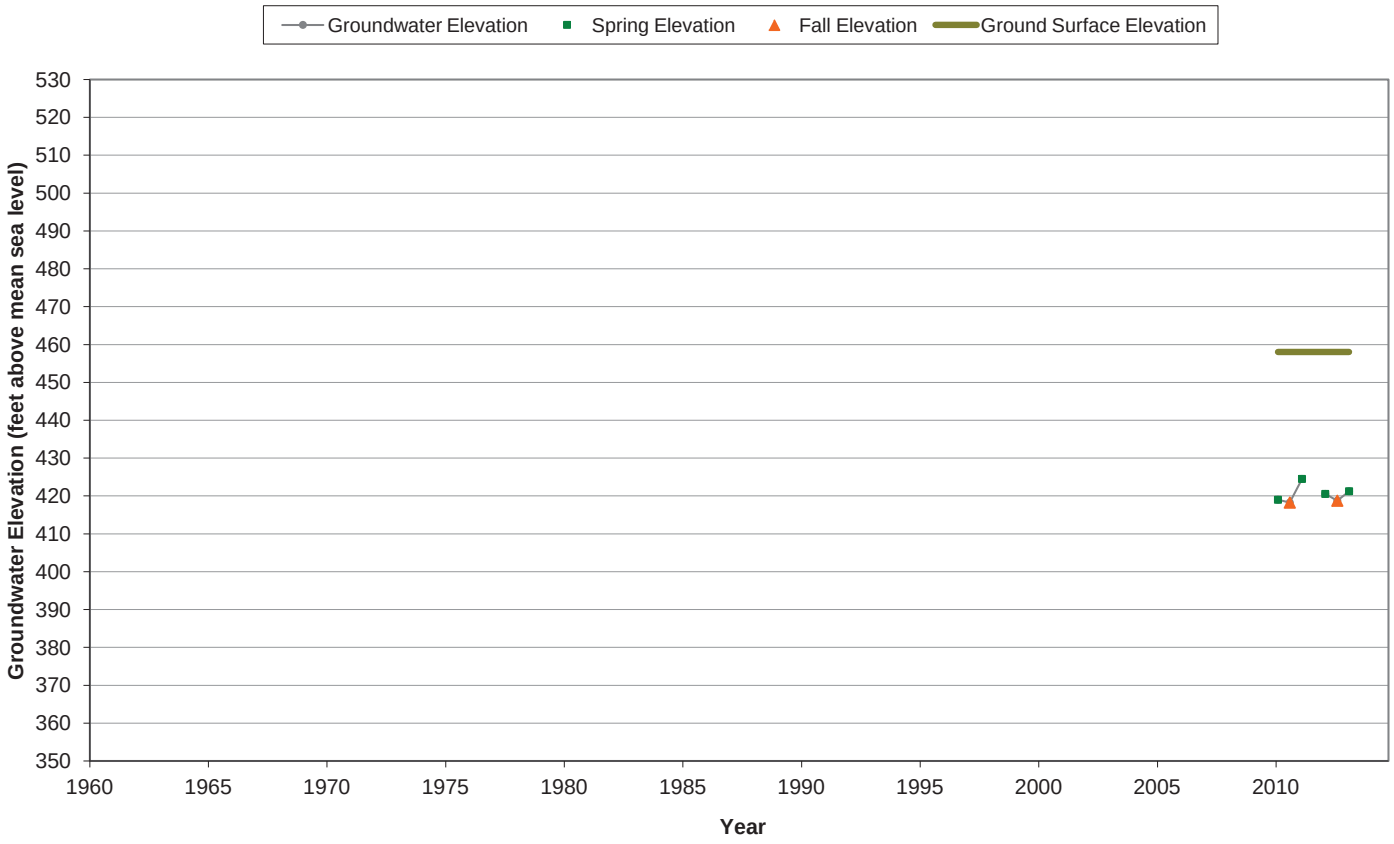
Groundwater-Level Hydrograph
G04-02 (<200 feet)



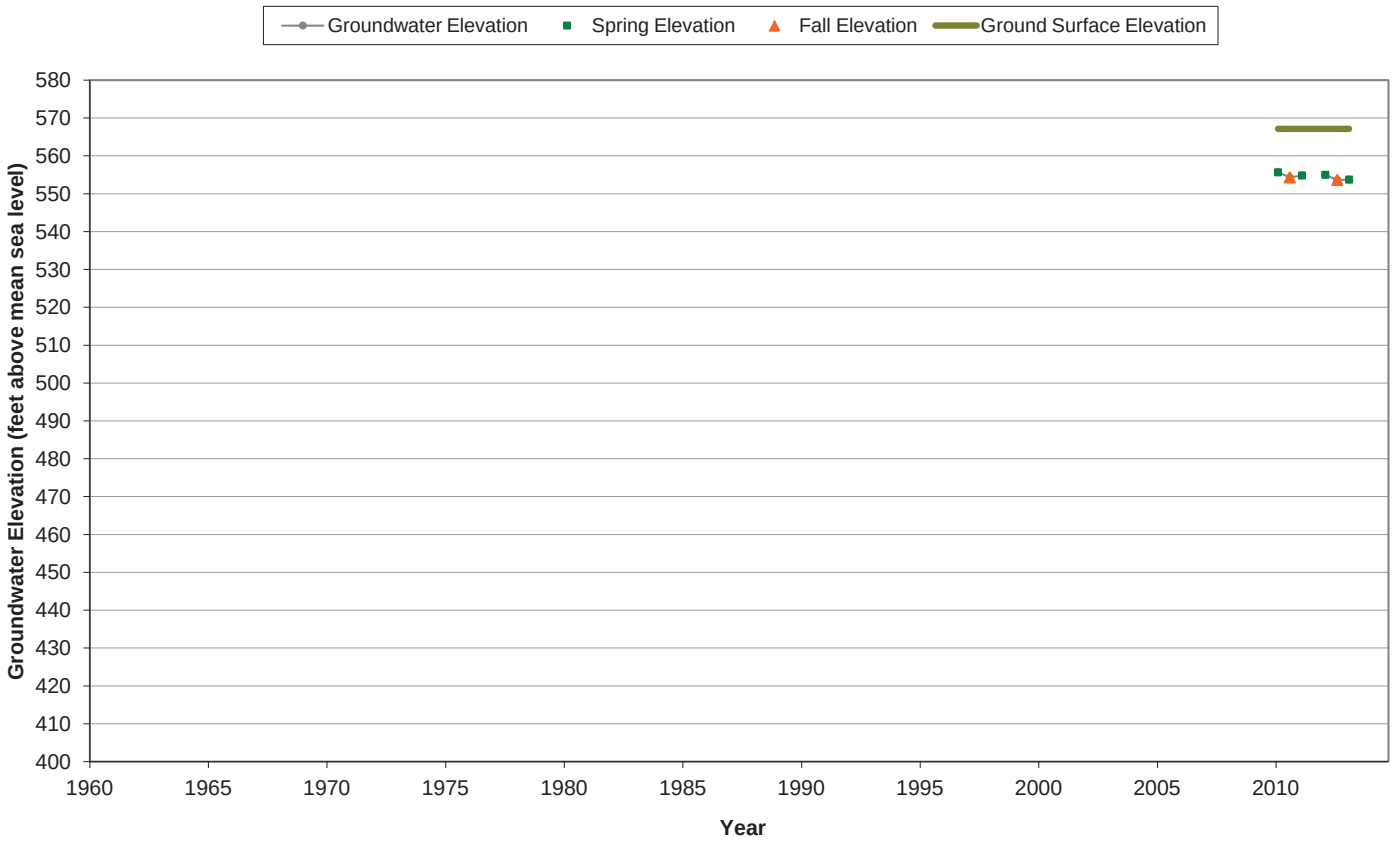
Groundwater-Level Hydrograph
G04-03 (<200 feet)



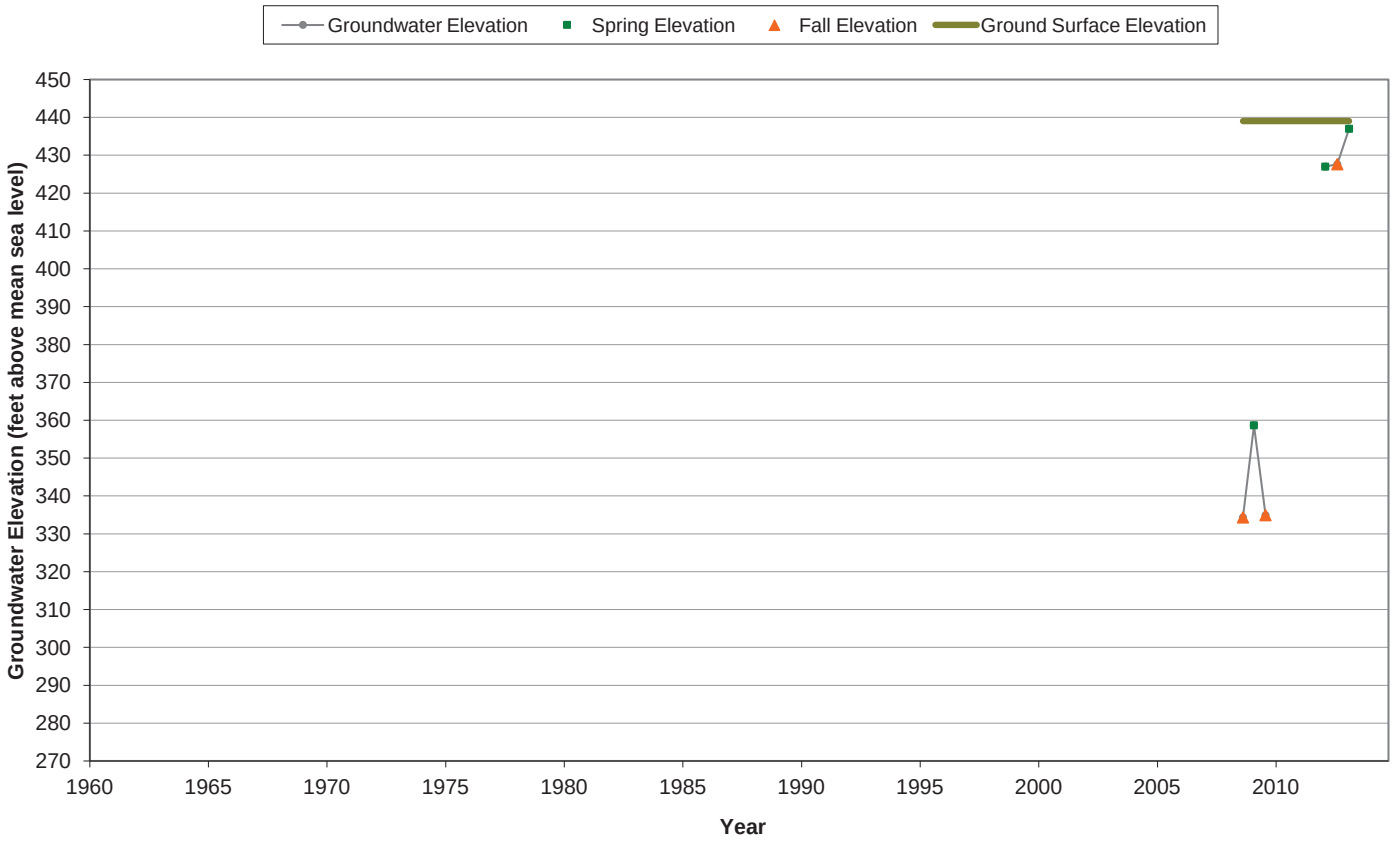
Groundwater-Level Hydrograph
G05-01 (<200 feet)



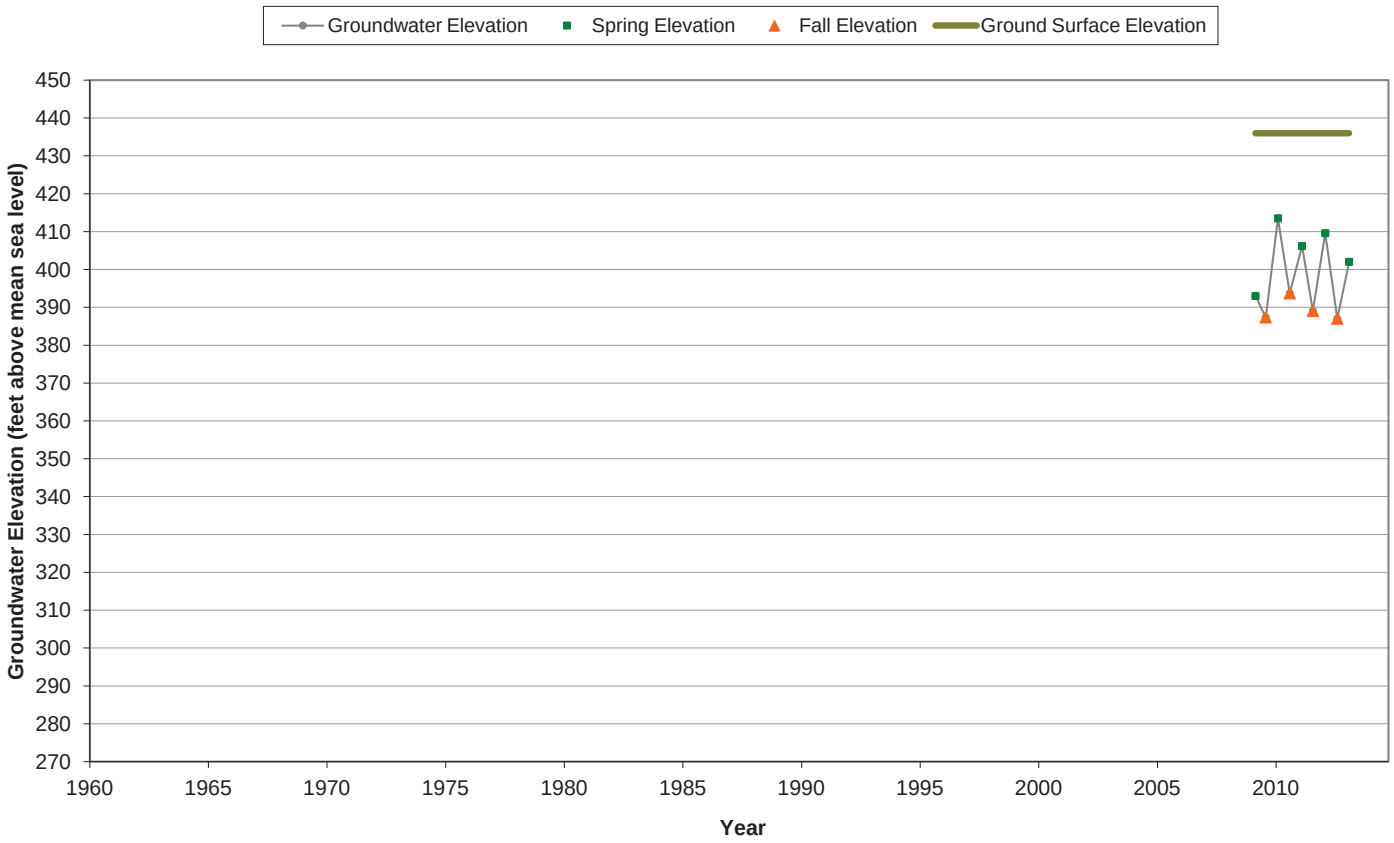
Groundwater-Level Hydrograph
H03-01 (<200 feet)



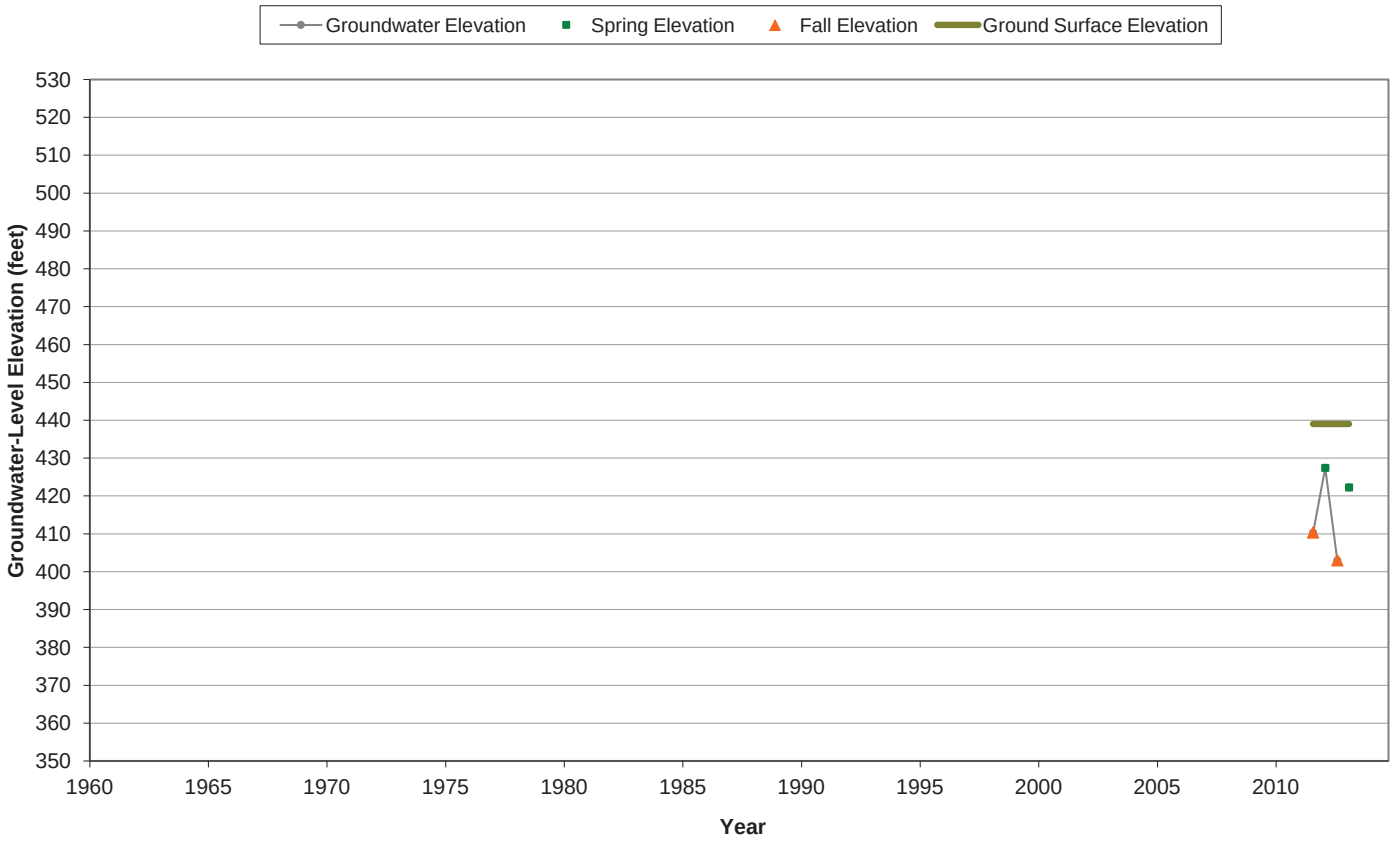
Groundwater-Level Hydrograph
H04-01 (<200 feet)



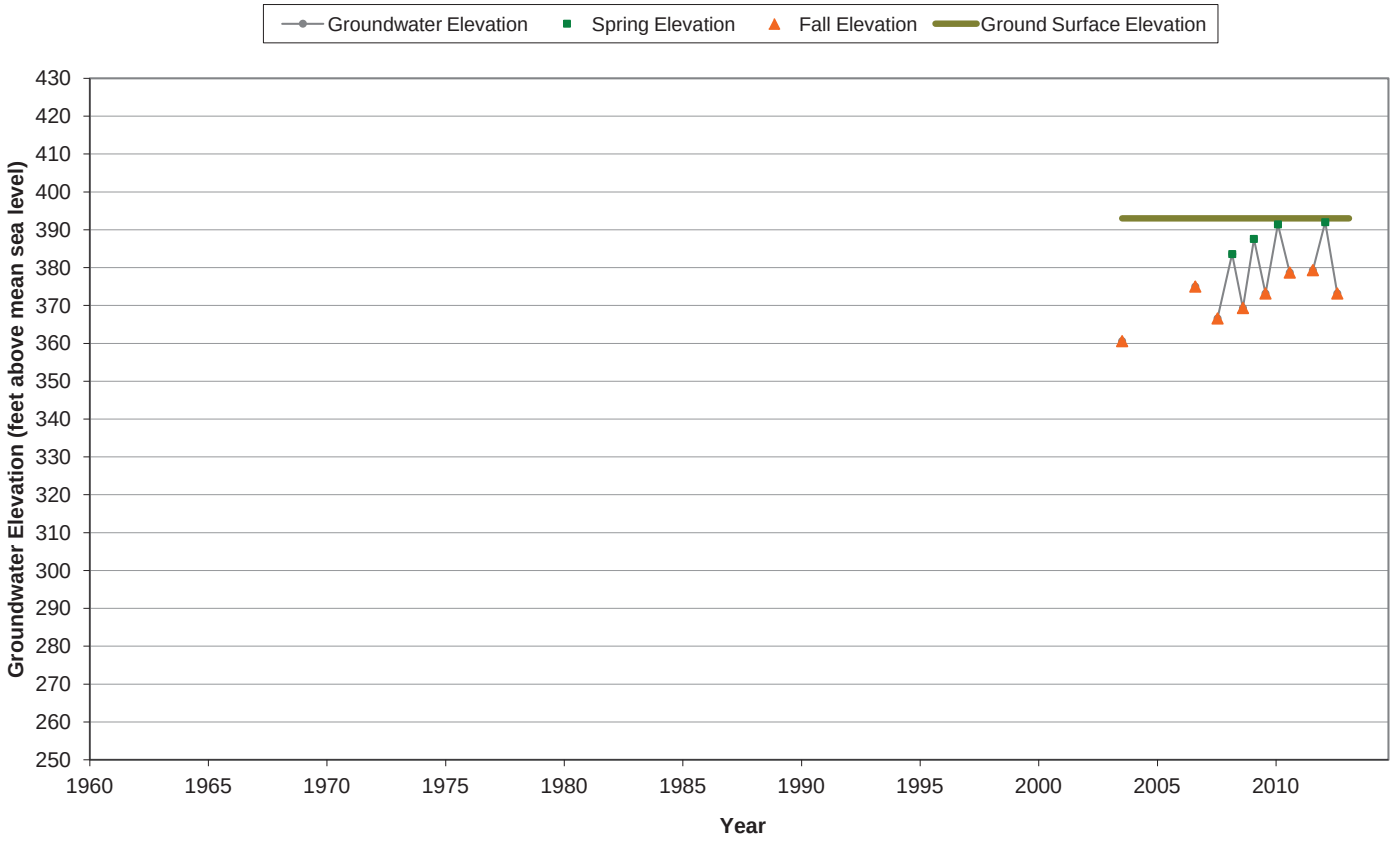
Groundwater-Level Hydrograph
H04-03 (<200 feet)



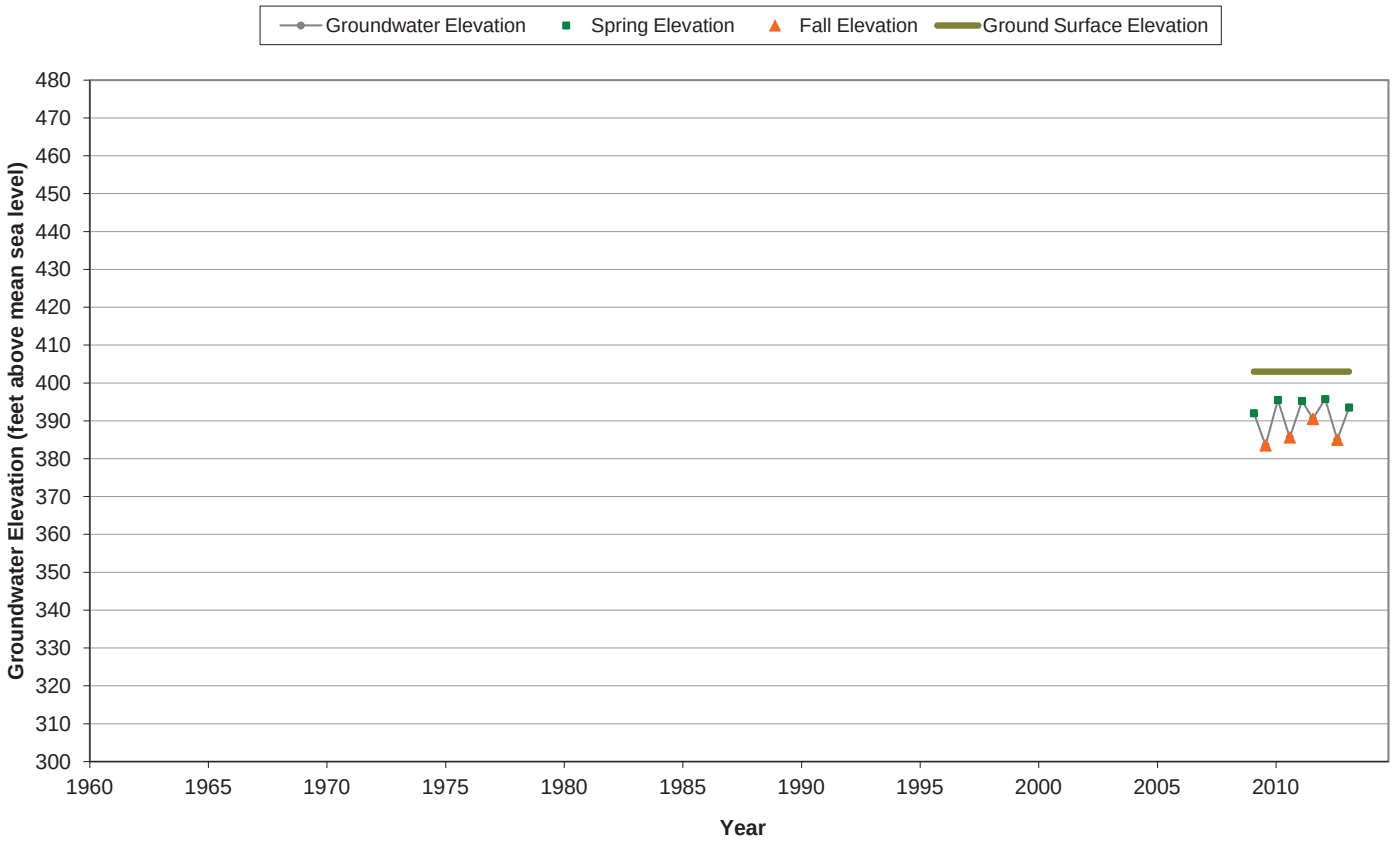
Depth to Groundwater-Level Hydrograph
H04-05 (<200 feet)



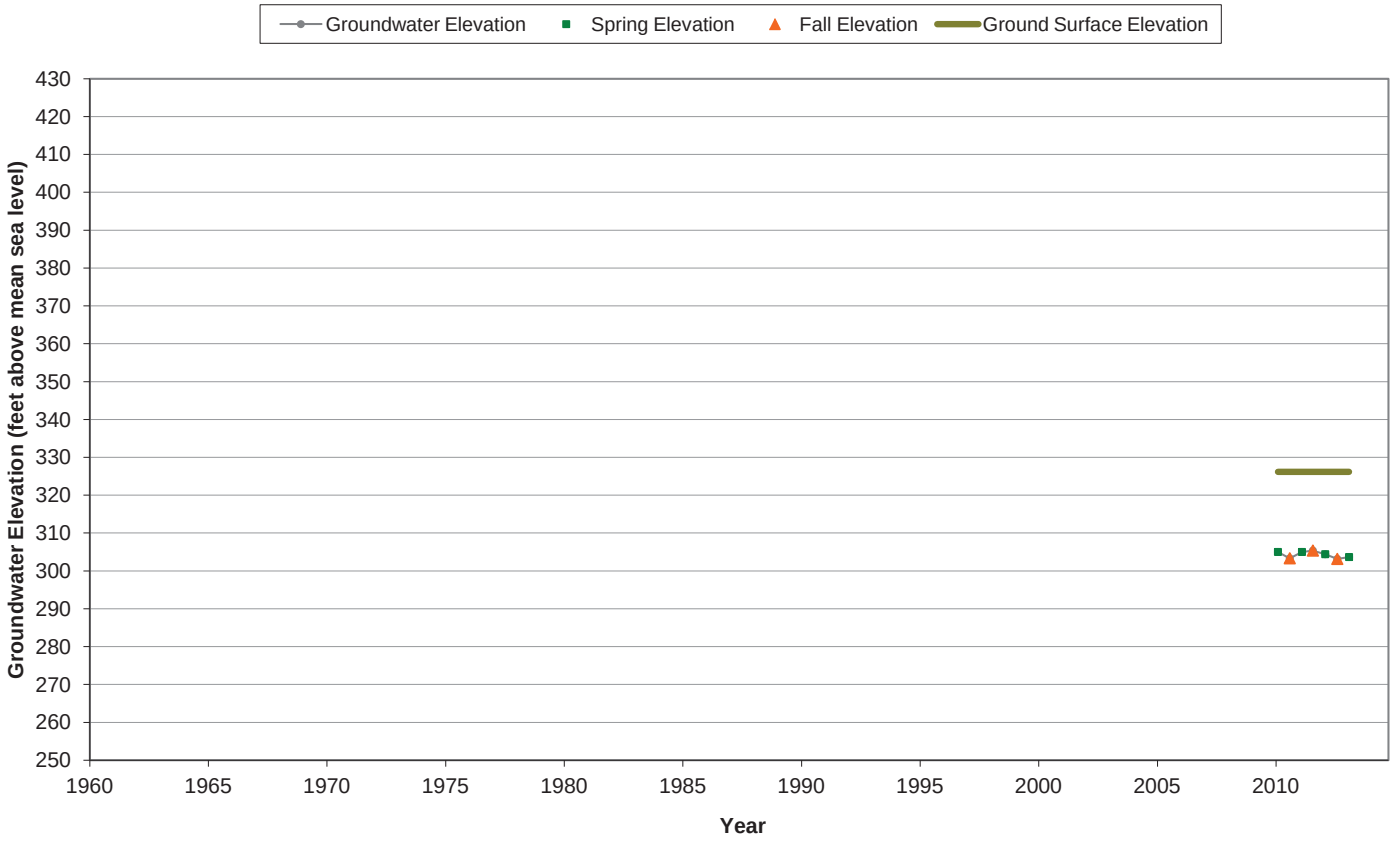
Groundwater-Level Hydrograph
H05-02 (<200 feet)



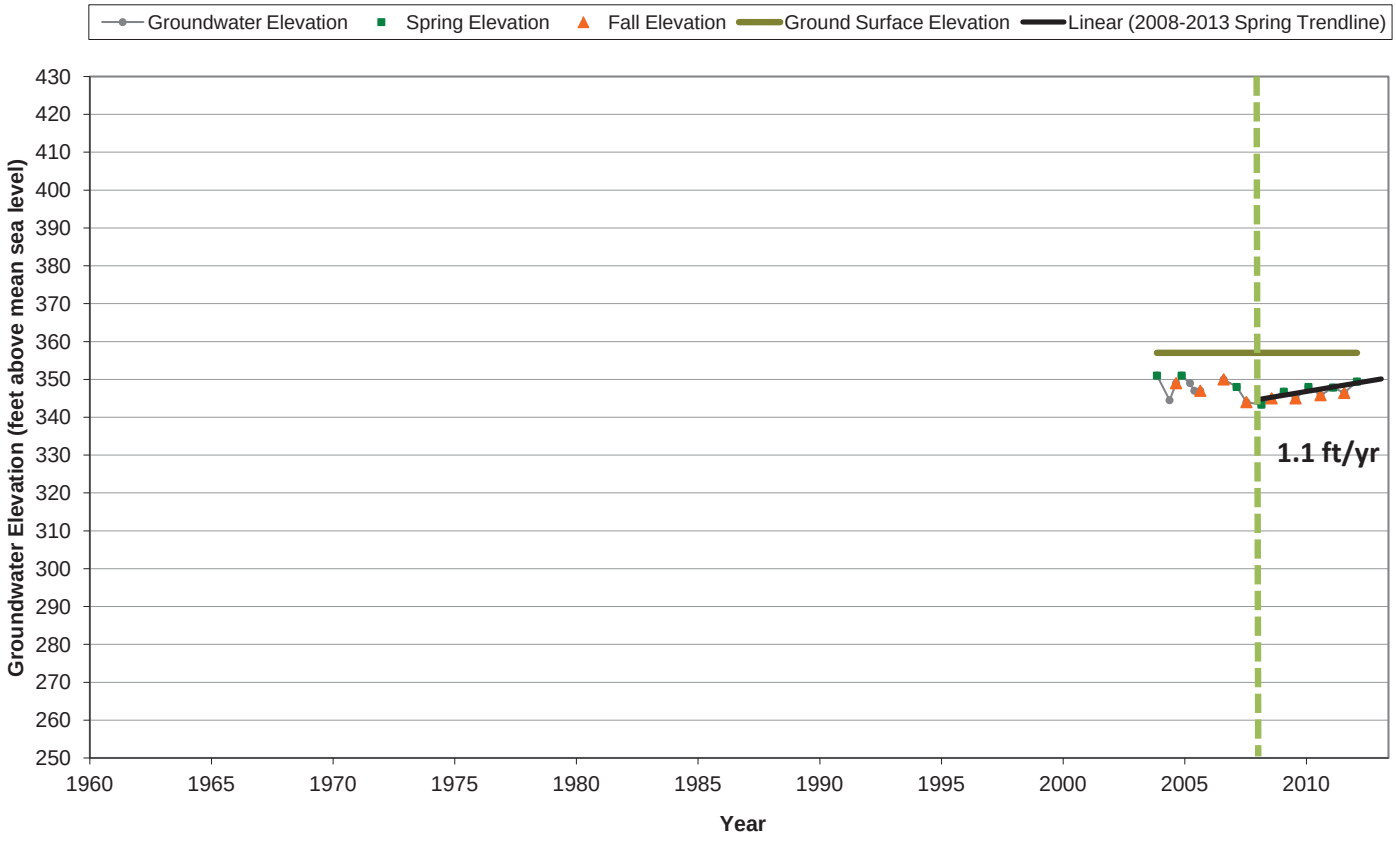
Groundwater-Level Hydrograph
H05-03 (<200 feet)



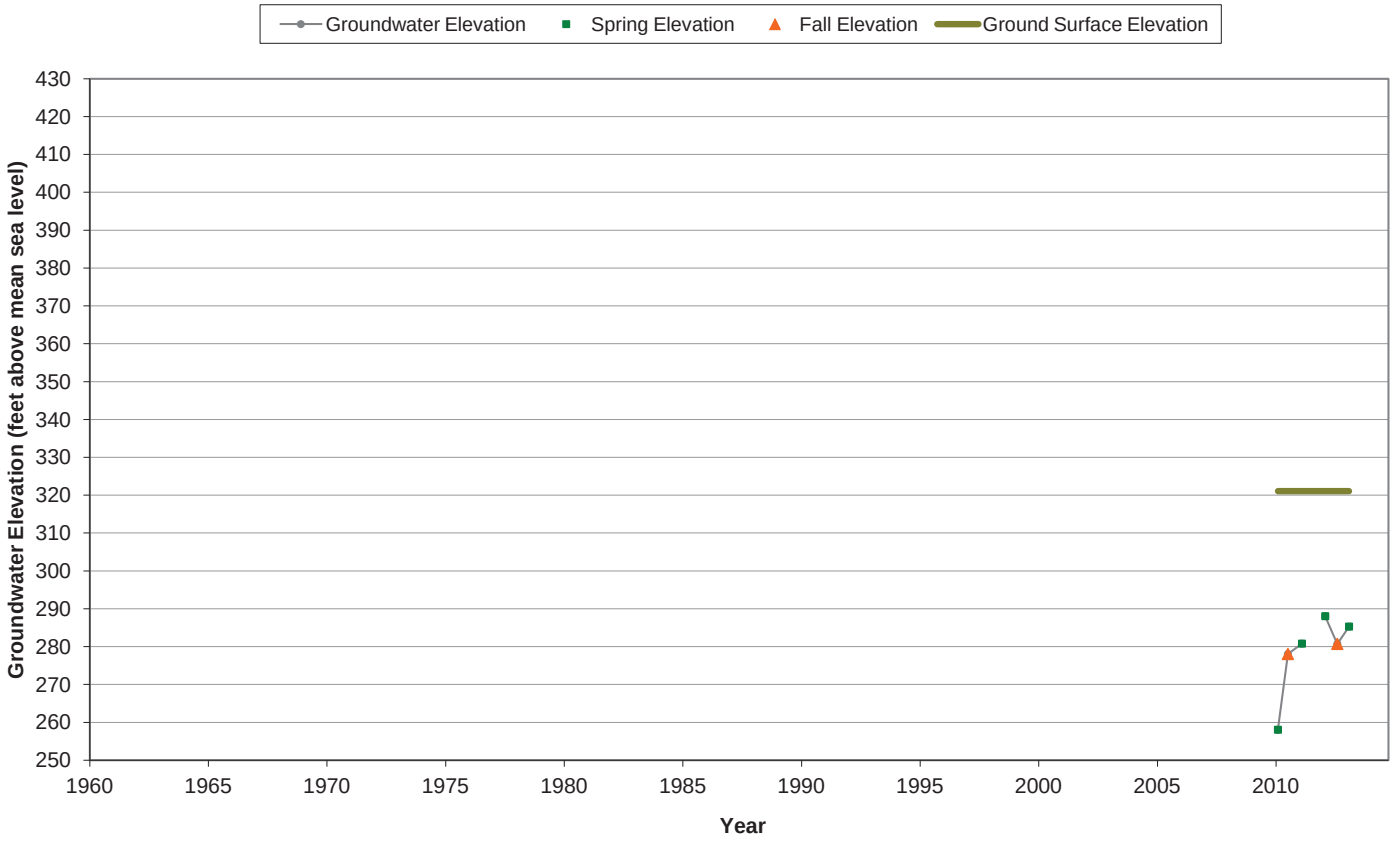
Groundwater-Level Hydrograph
H06-01 (<200 feet)



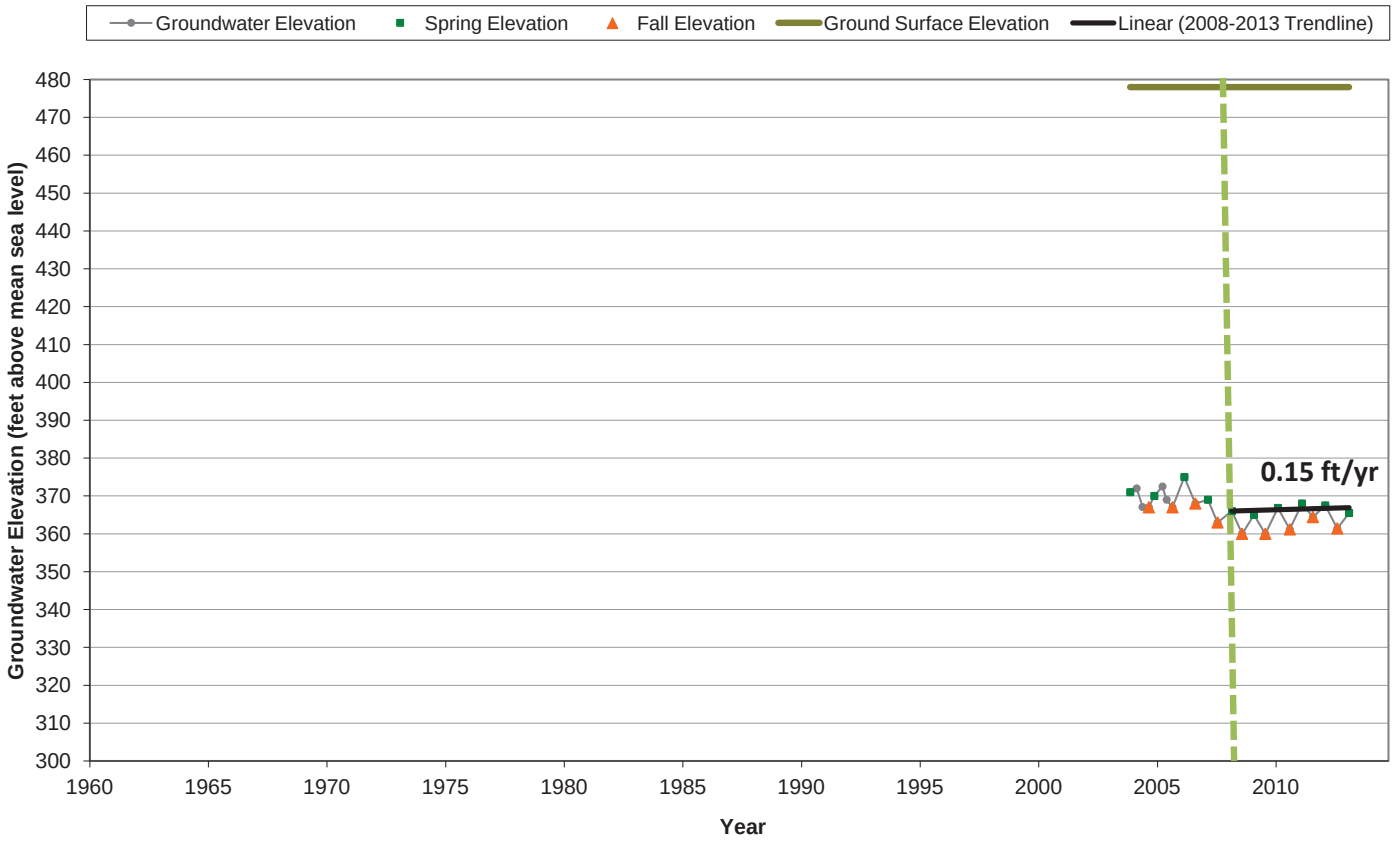
Groundwater-Level Hydrograph
H06-02 (<200 feet)



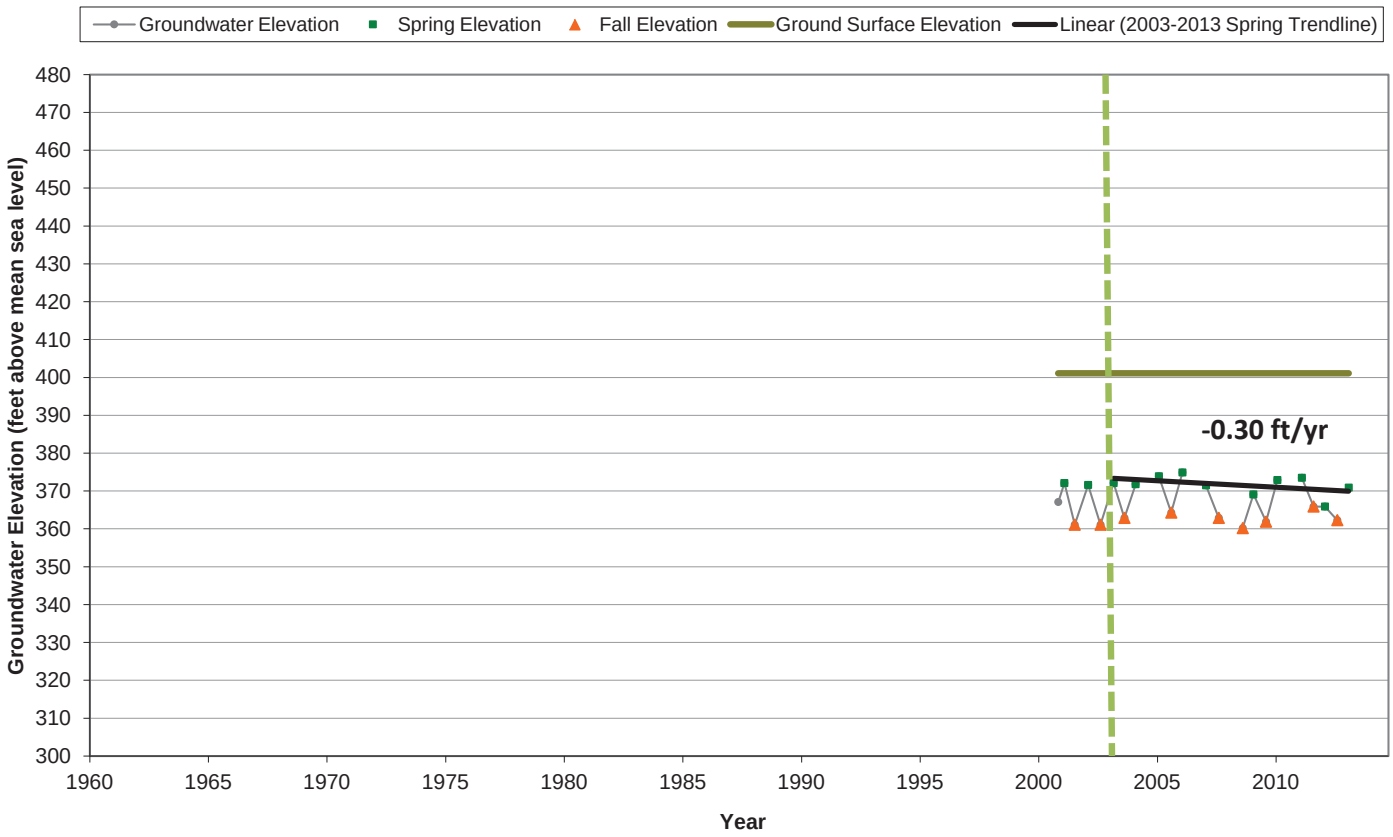
Groundwater-Level Hydrograph
H07-01 (<200 feet)



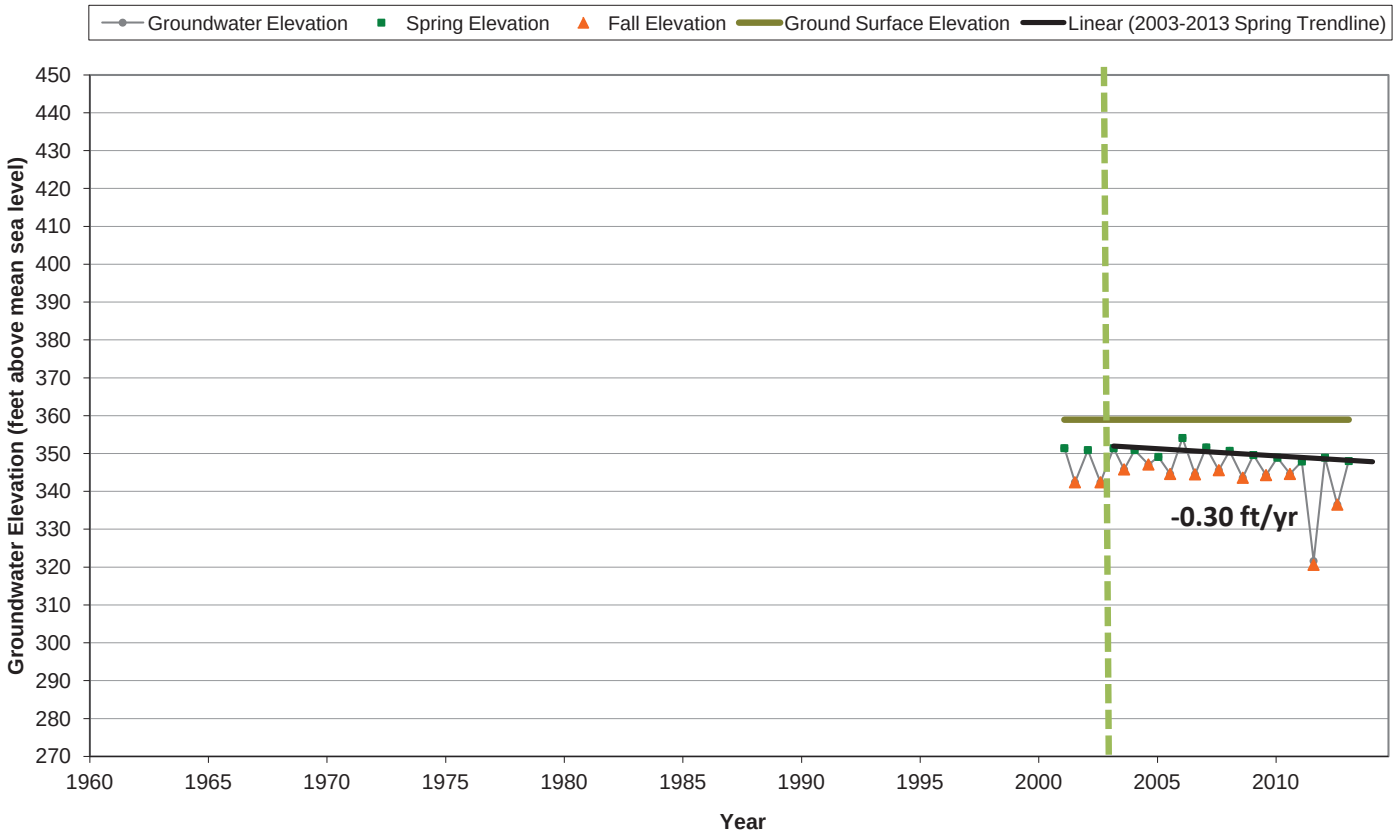
Groundwater-Level Hydrograph
I06-02 (<200 feet)



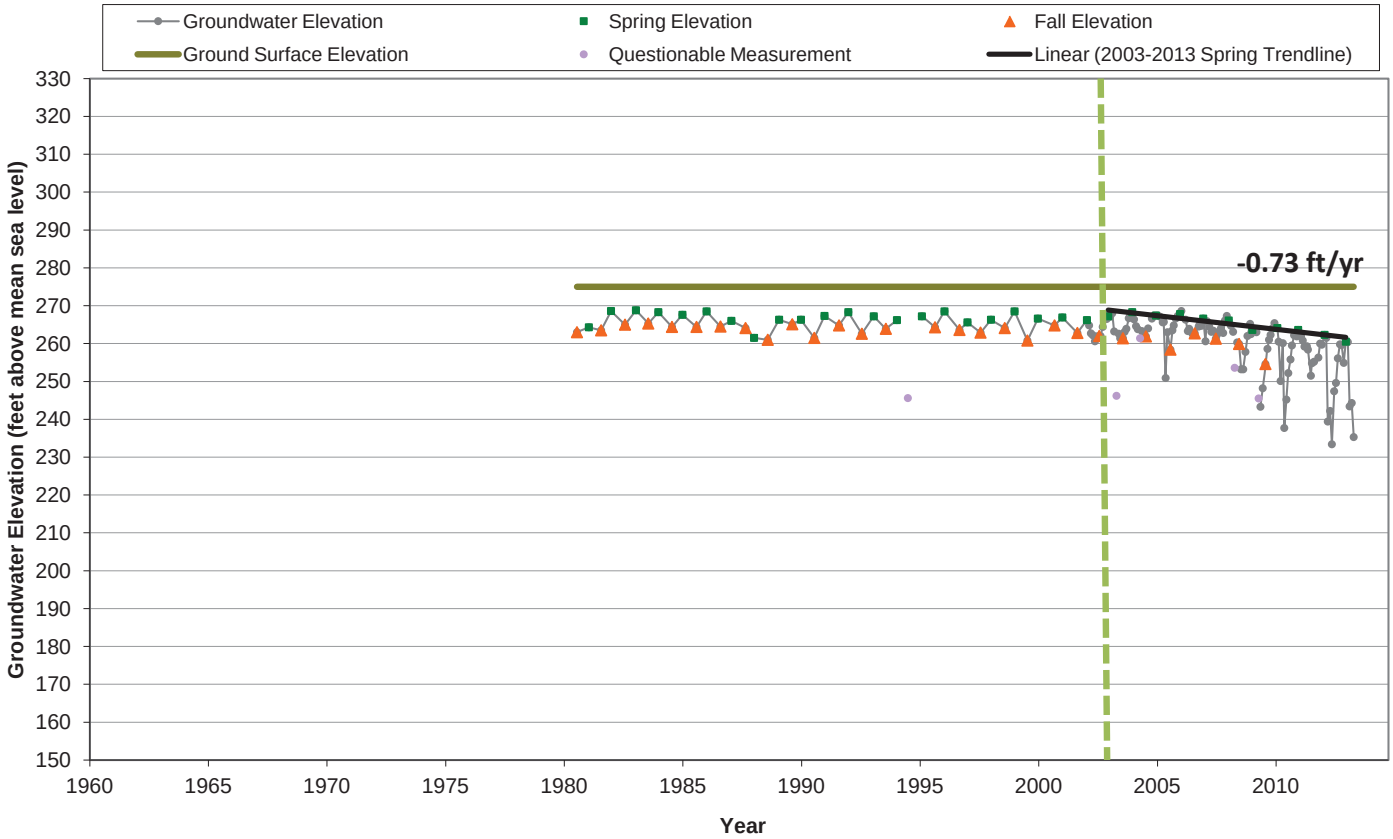
Groundwater-Level Hydrograph
I07-01 (<200 feet)



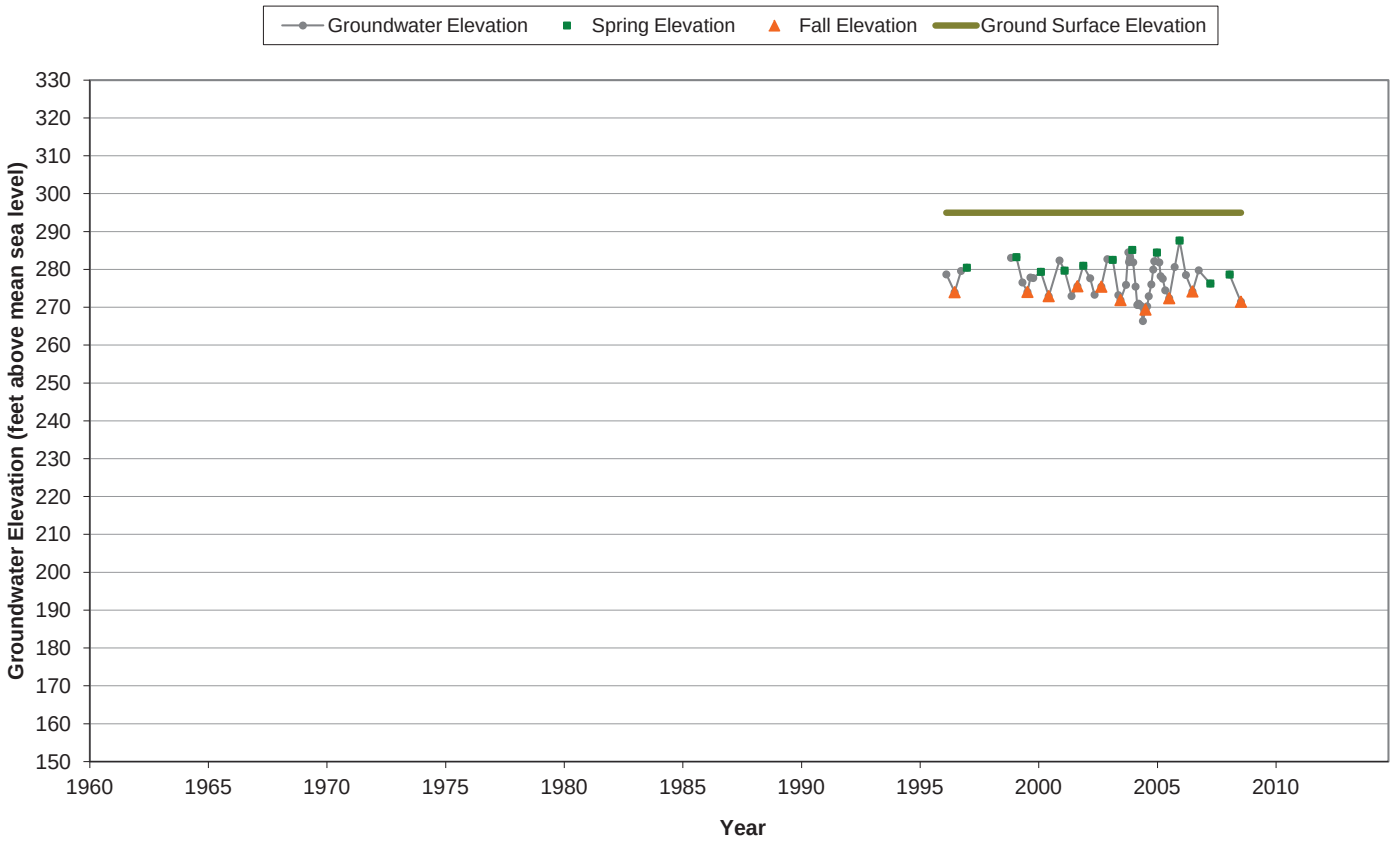
Groundwater-Level Hydrograph
J07-01 (<200 feet)



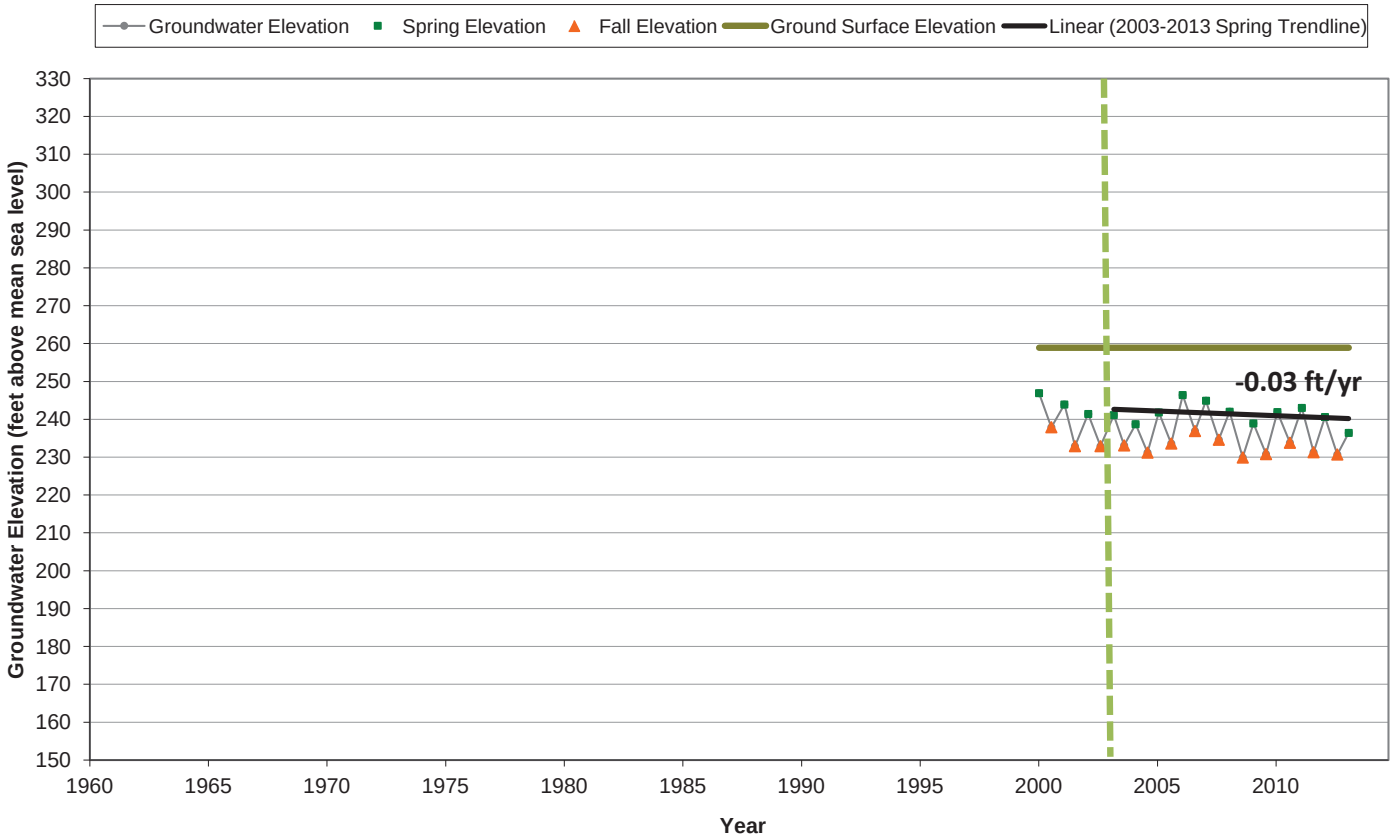
Groundwater-Level Hydrograph
J08-01 (<200 feet)



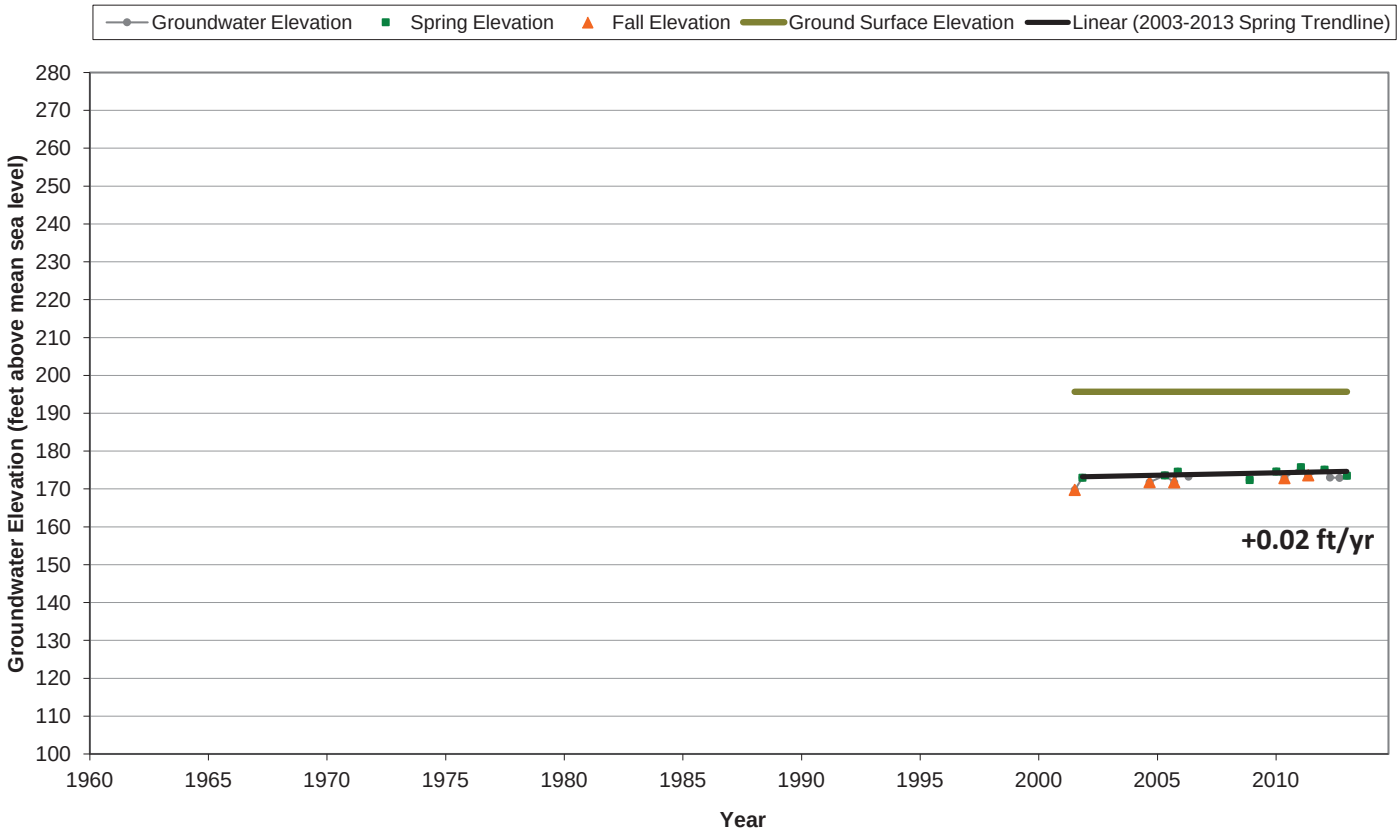
Groundwater-Level Hydrograph
J08-02 (<200 feet)



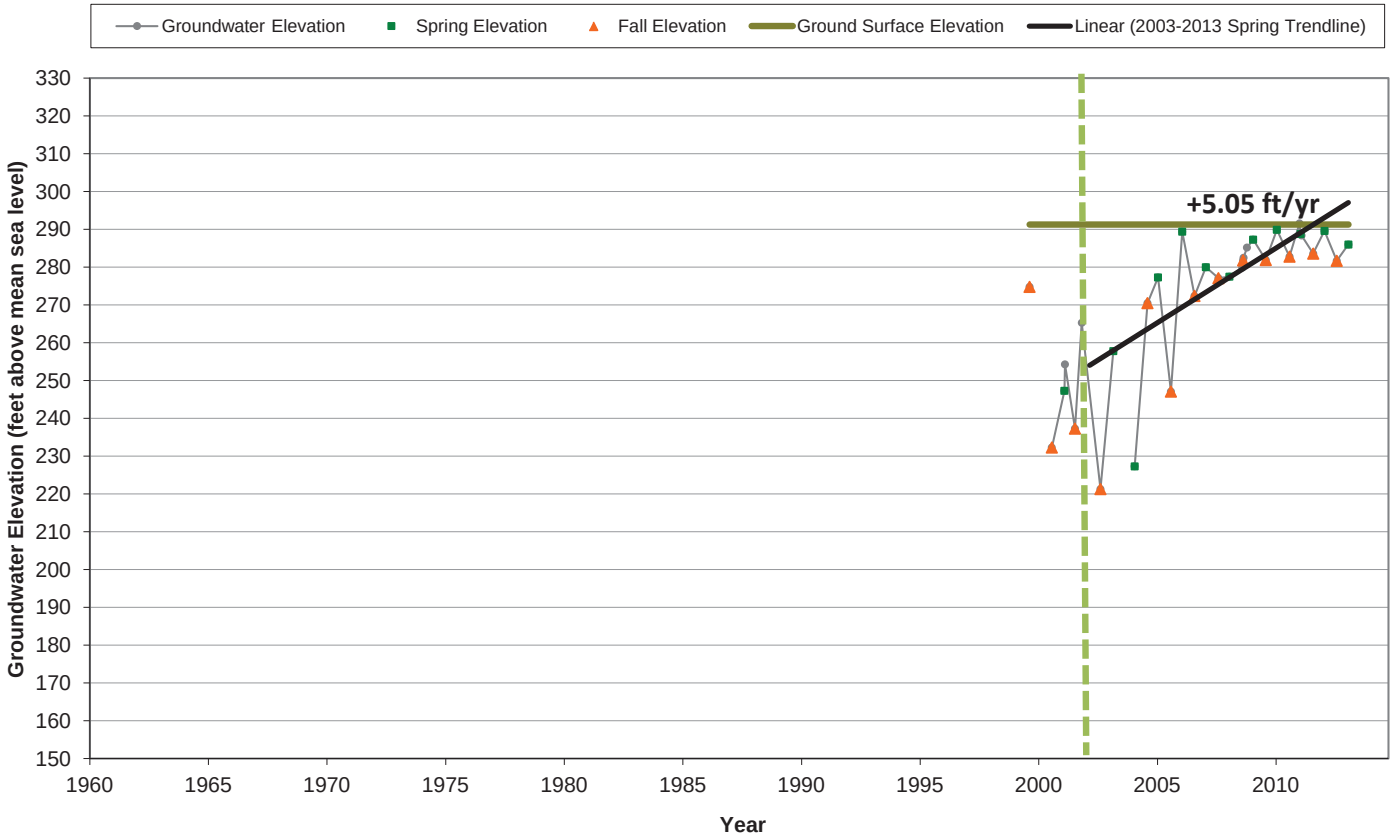
Groundwater-Level Hydrograph
J08-05 (<200 feet)



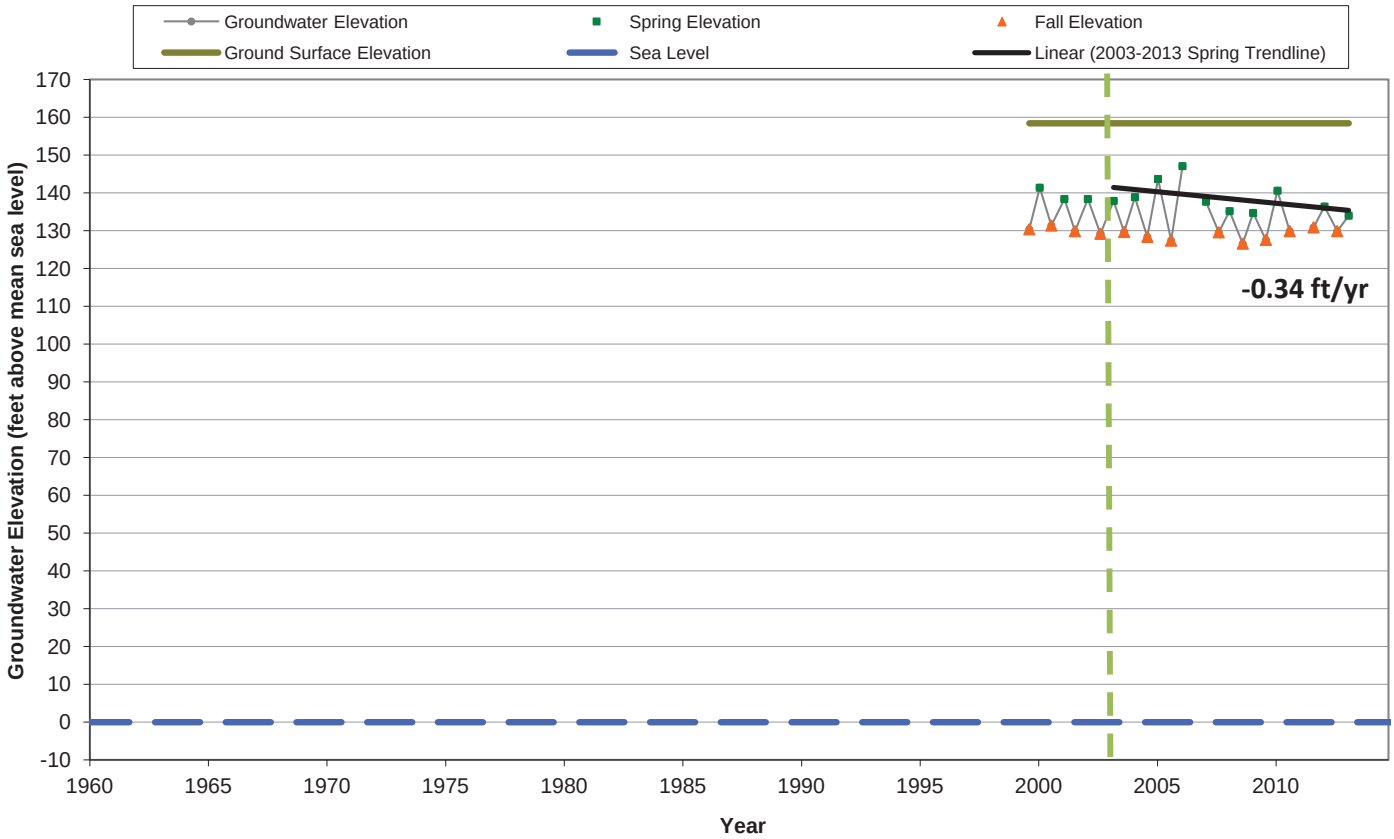
Groundwater-Level Hydrograph
J10-01 (<200 feet)



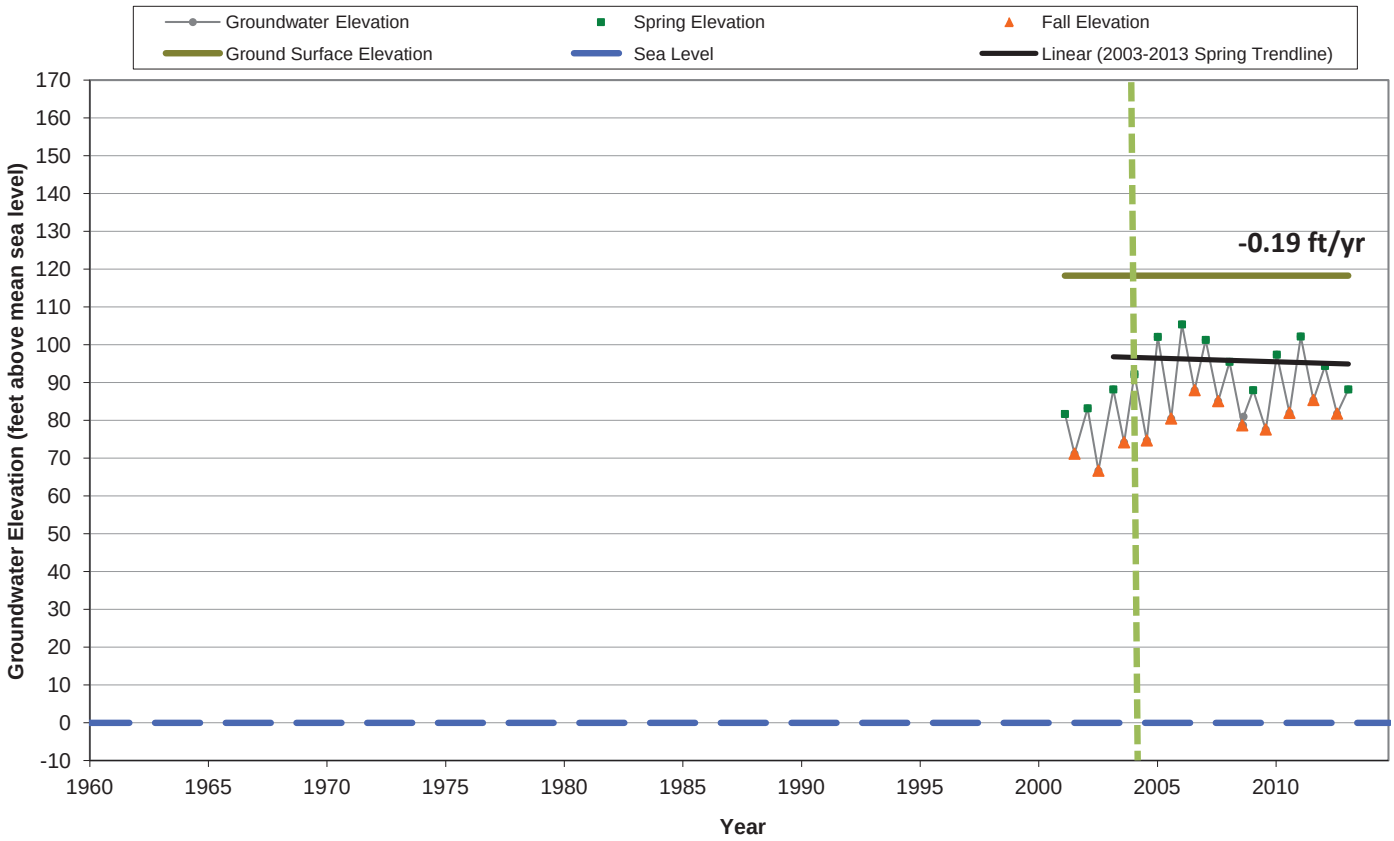
Groundwater-Level Elevation
J13-01 (<200 feet)



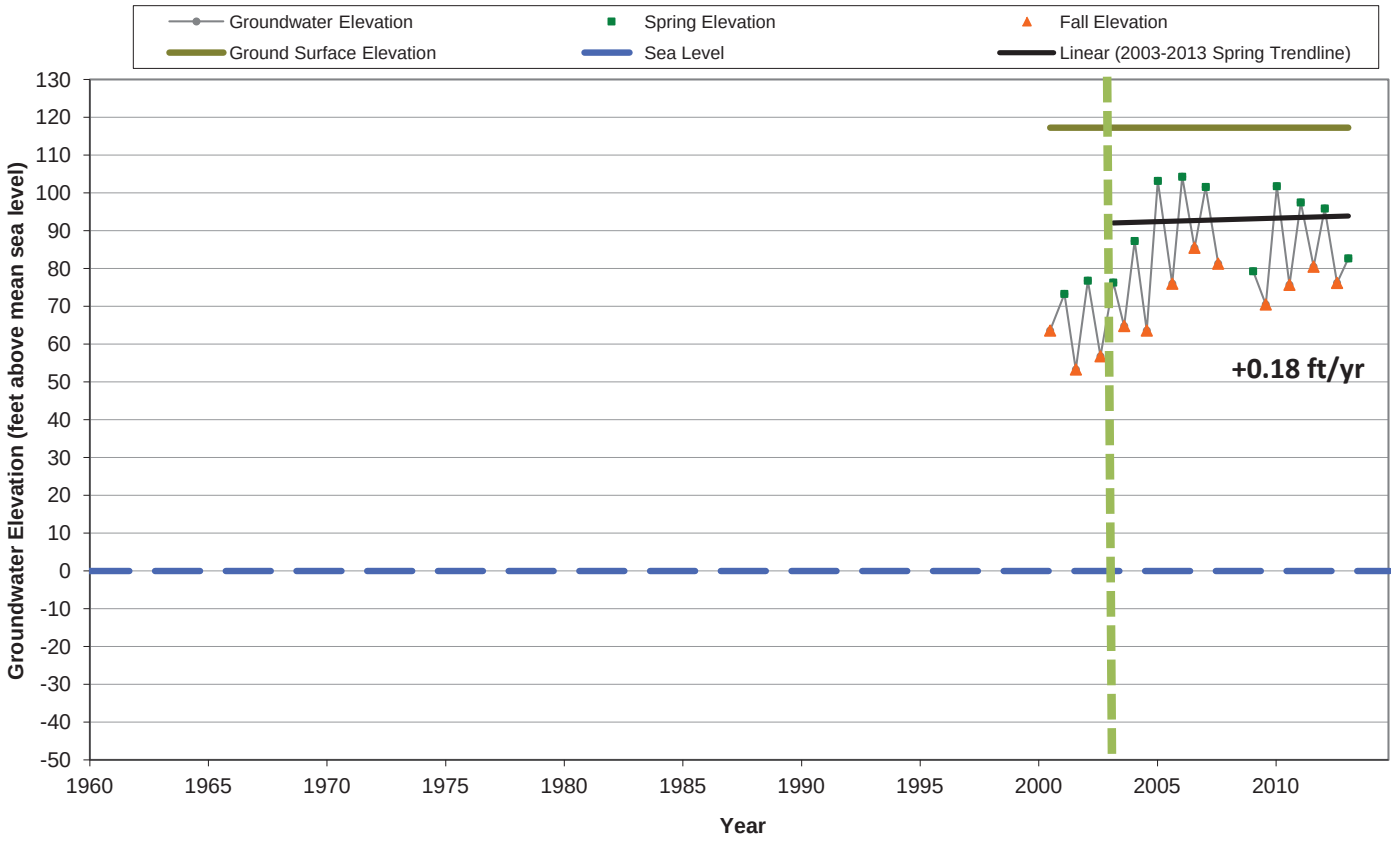
Groundwater-Level Hydrograph
K11-01 (<200 feet)



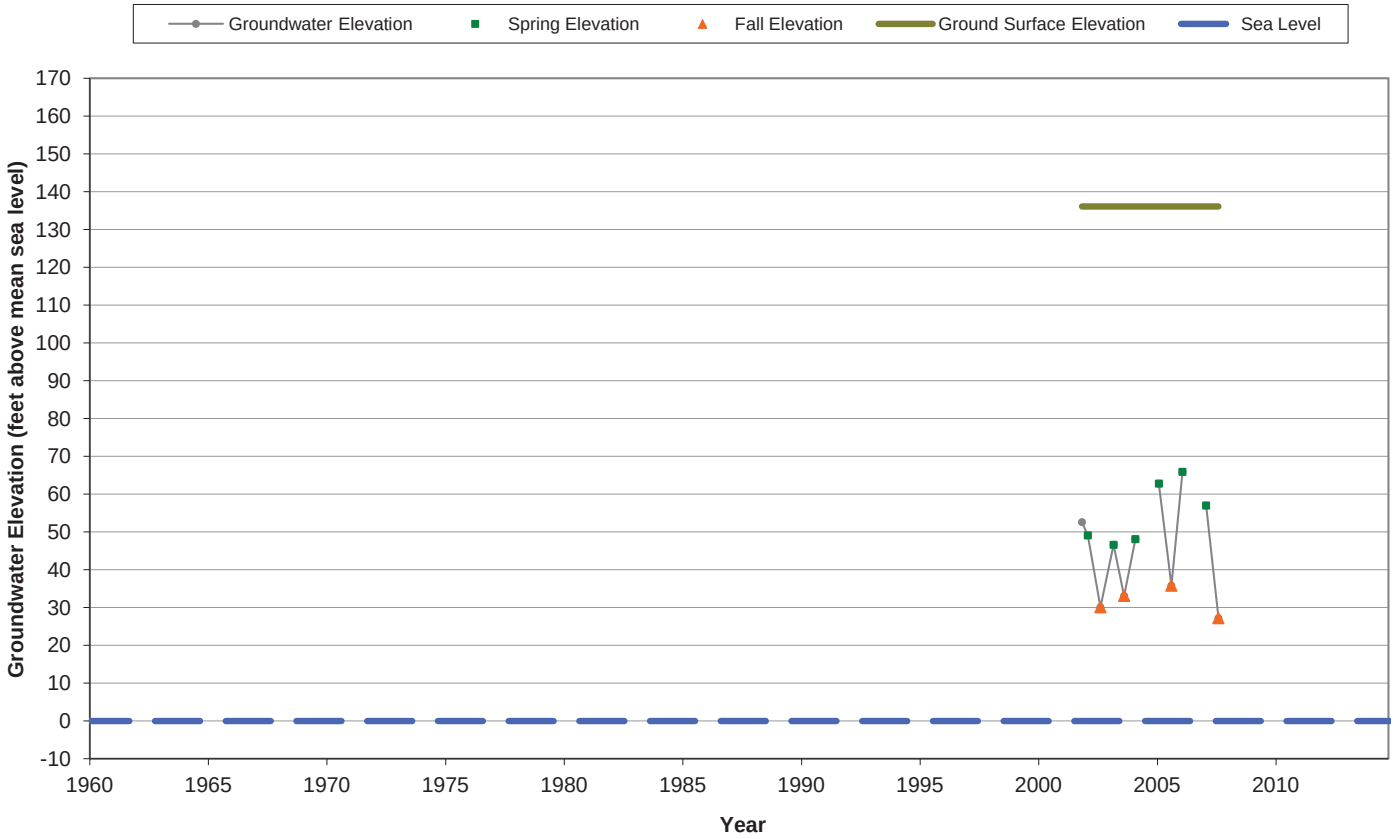
Groundwater-Level Hydrograph
K13-04 (<200 feet)



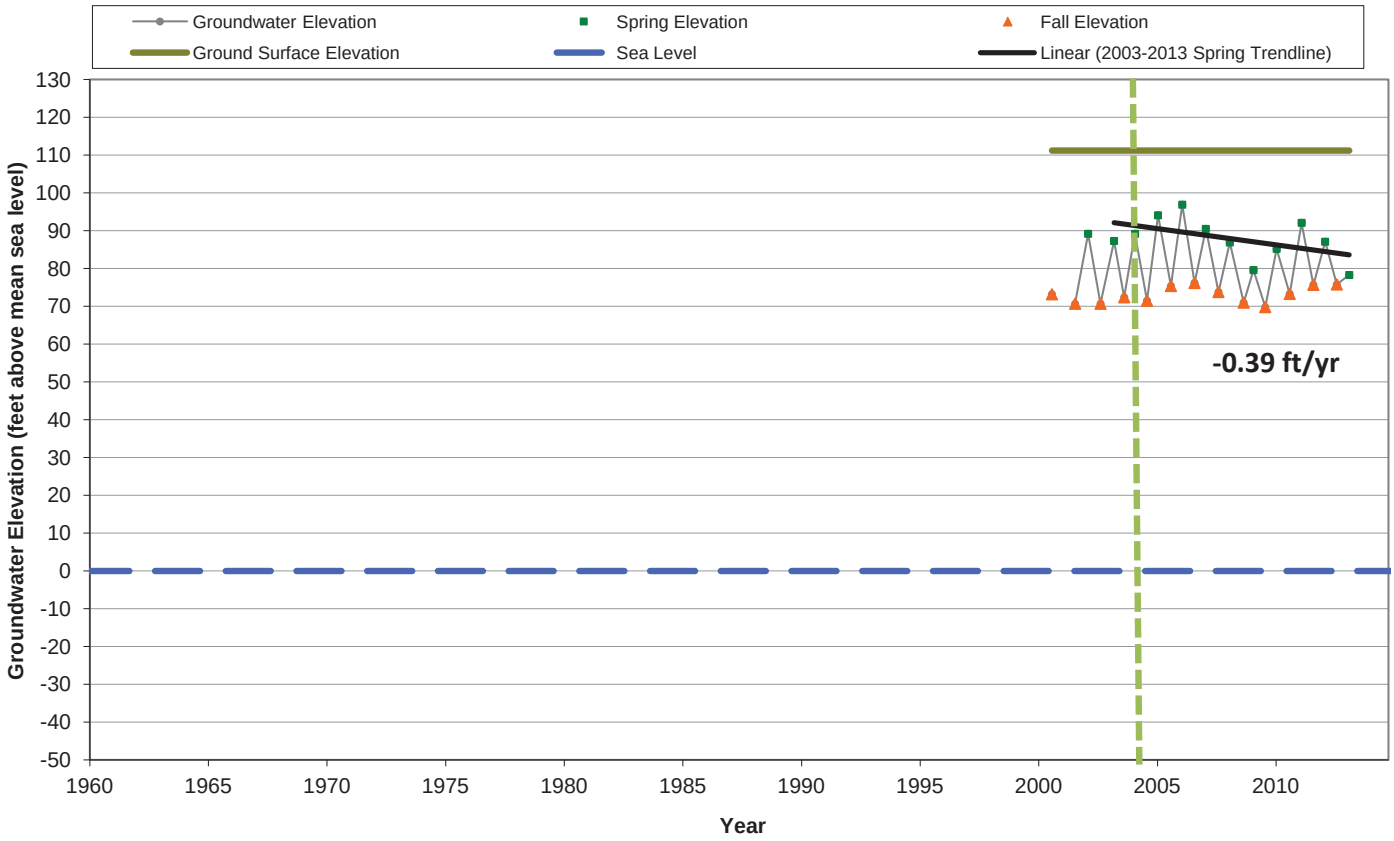
Groundwater-Level Hydrograph
K13-05 (<200 feet)



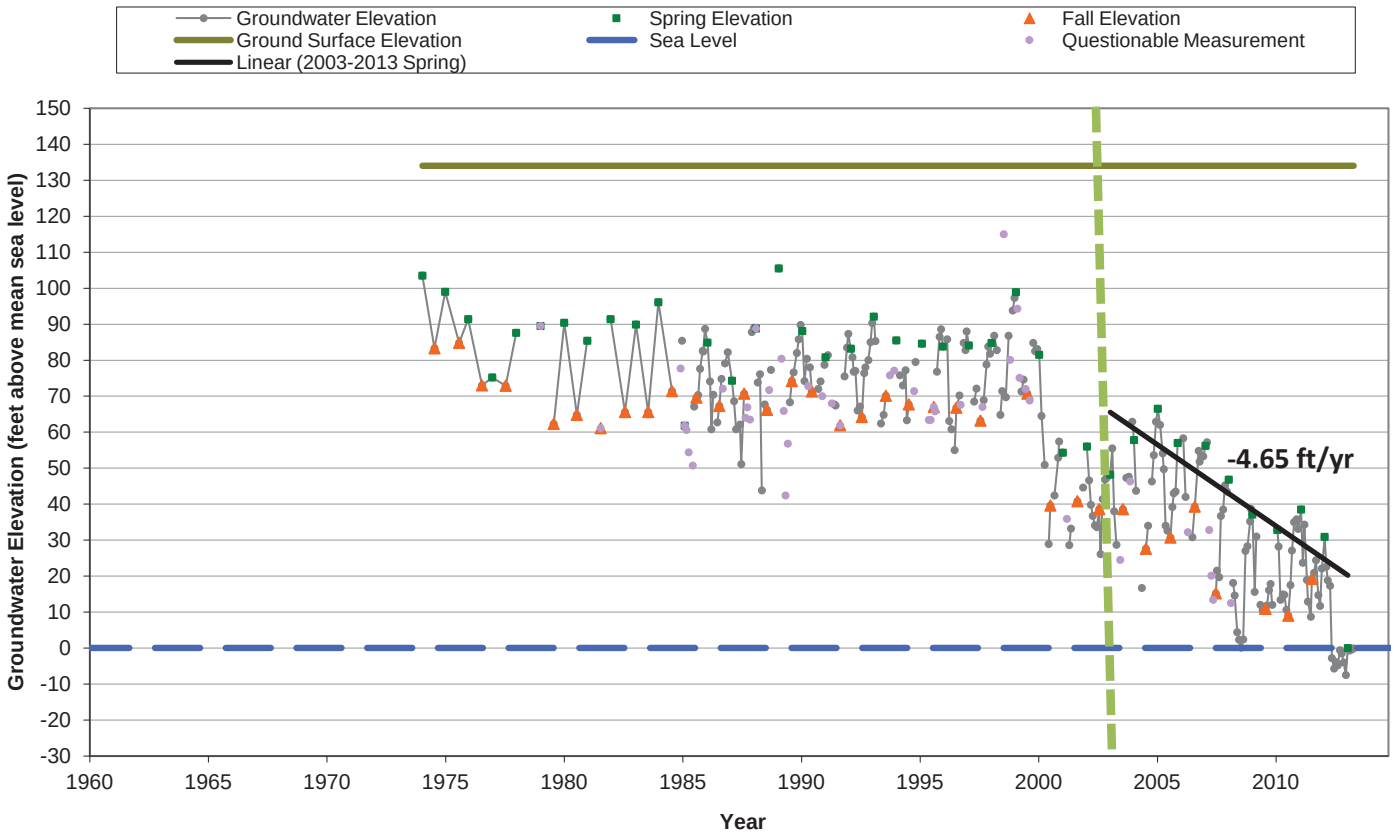
Groundwater-Level Hydrograph
K13-06 (<200 feet)



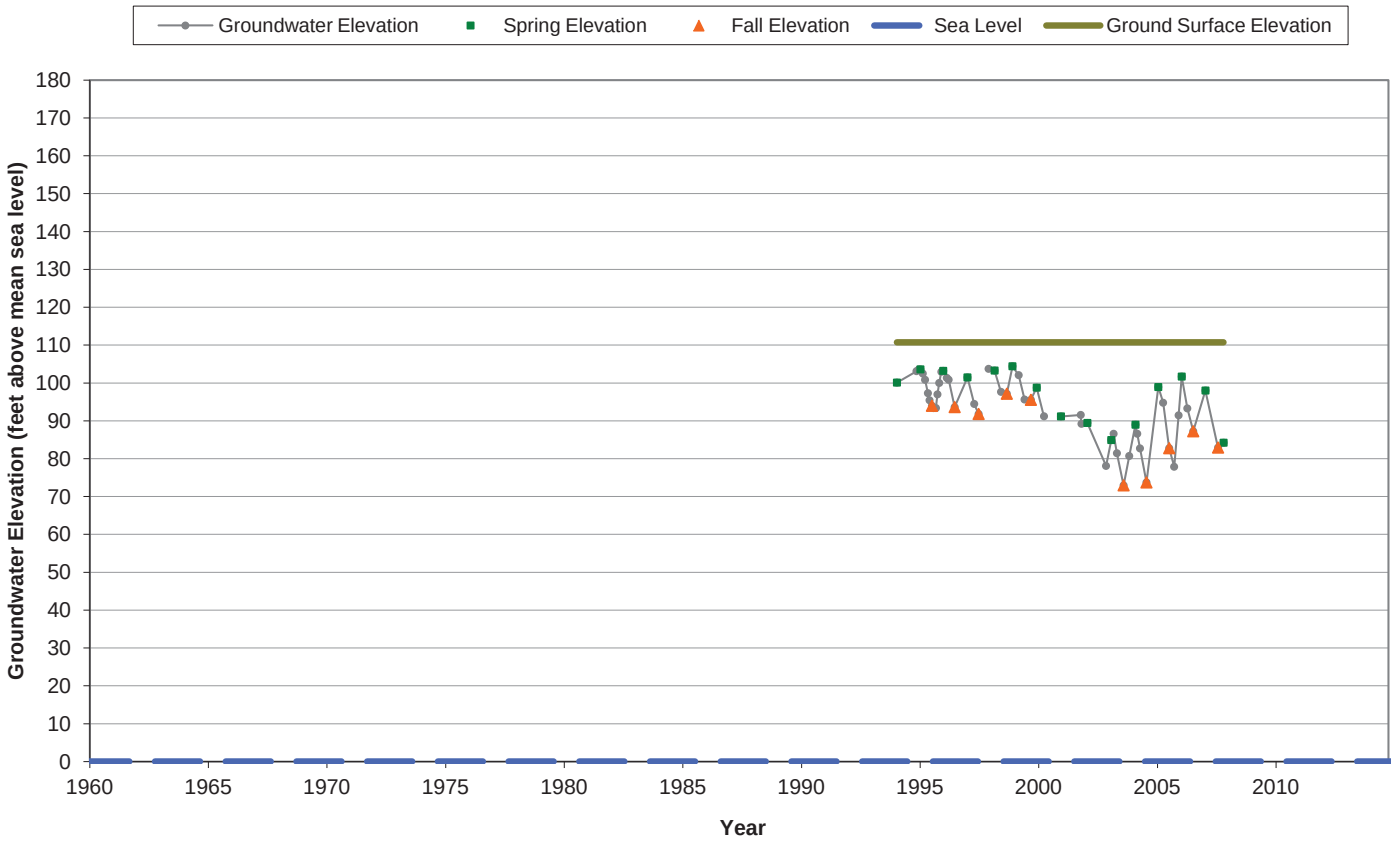
Groundwater-Level Hydrograph
K13-07 (<200 feet)



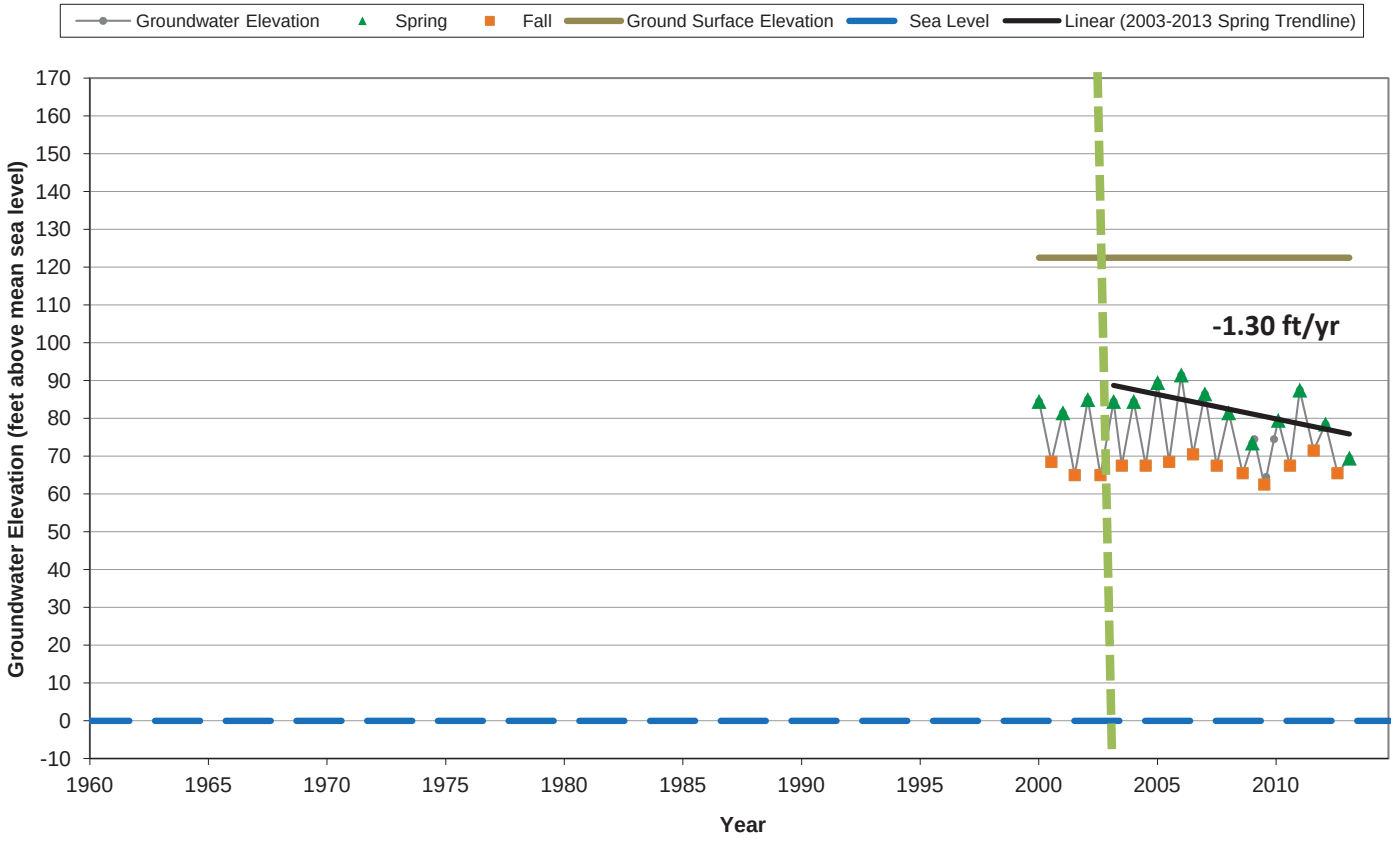
Groundwater-Level Hydrograph
K13-09 (<200 feet)



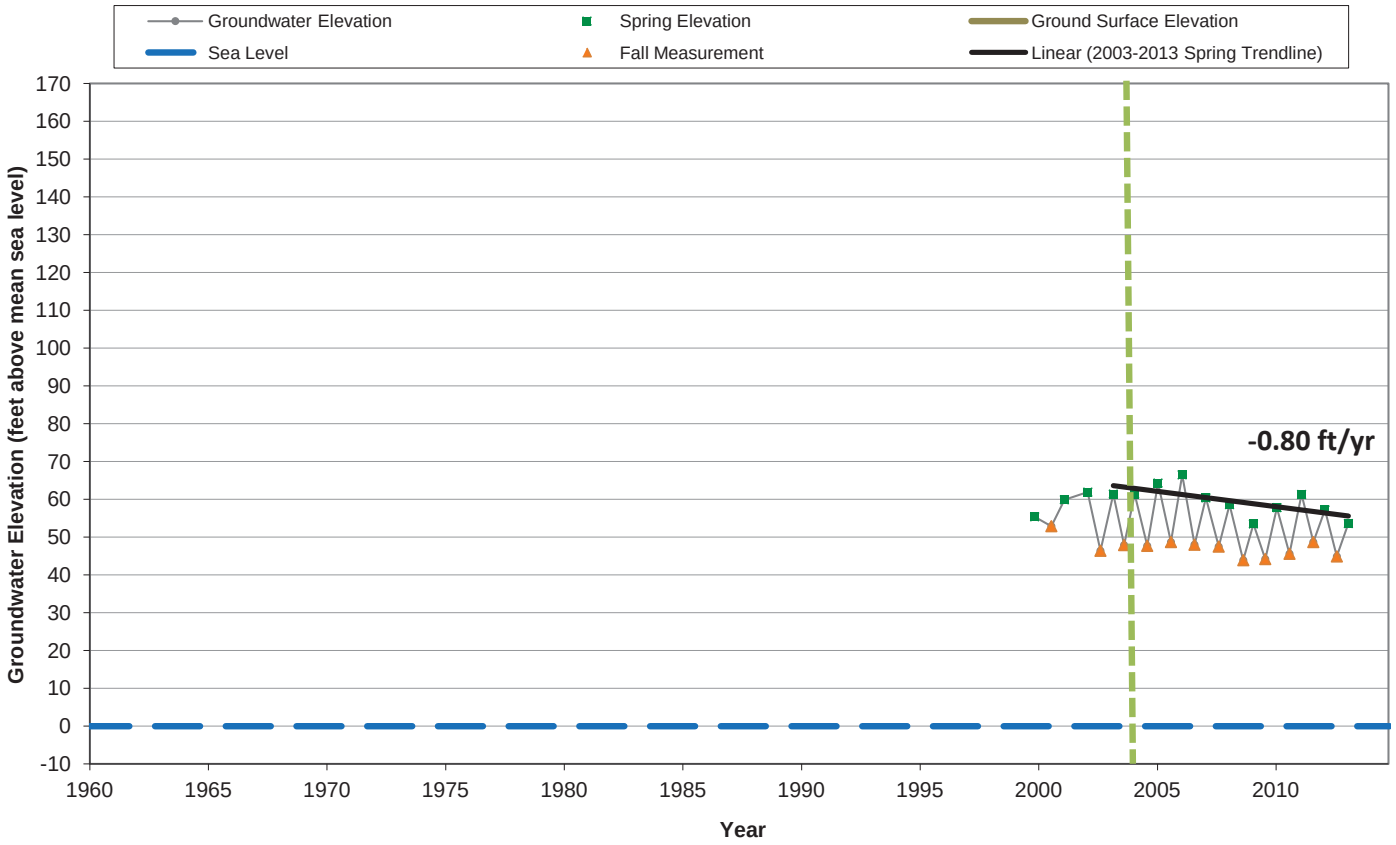
Groundwater-Level Hydrograph
K13-12 (<200 feet)



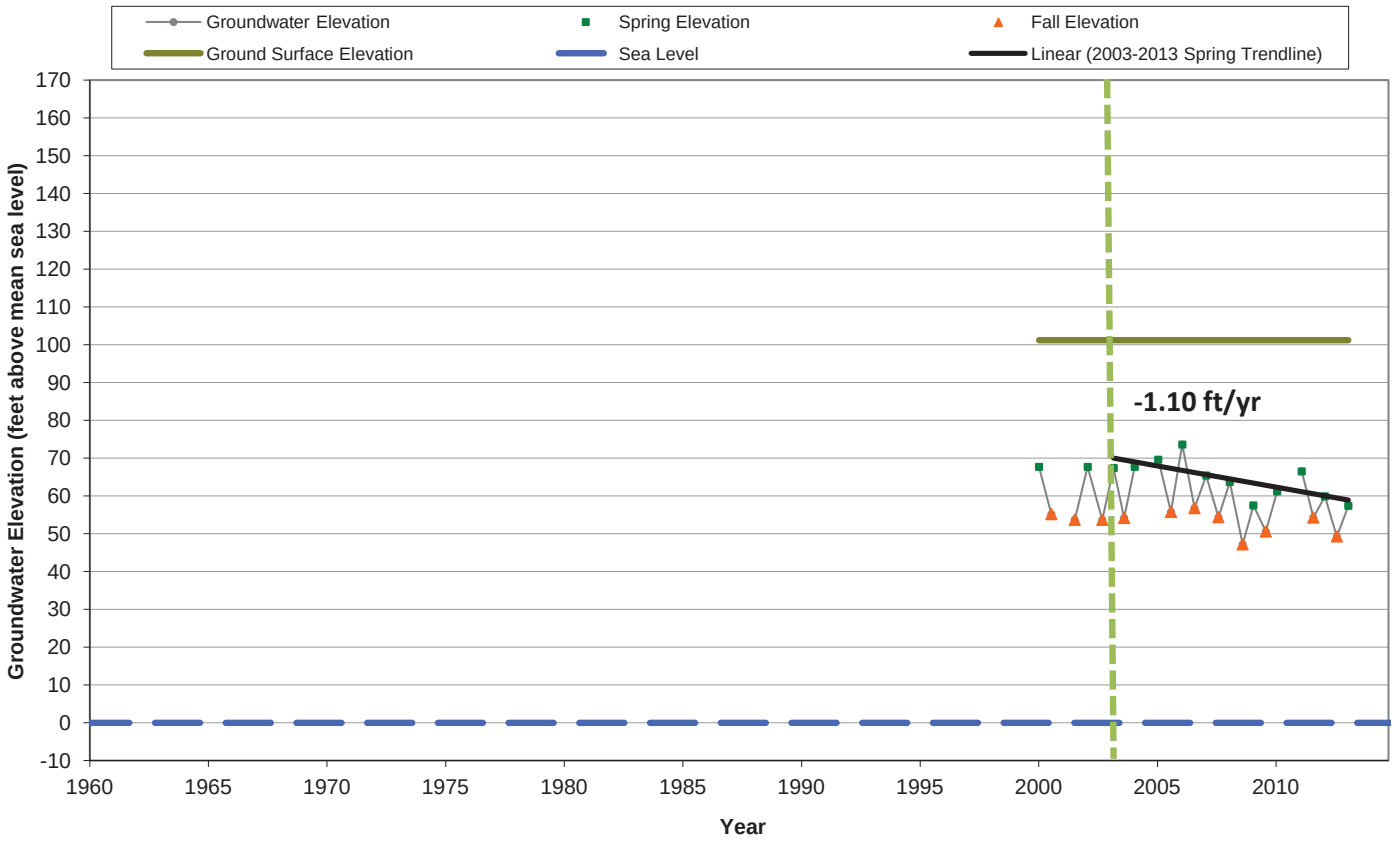
Groundwater-Level Hydrograph
K14-04 (<200 feet)



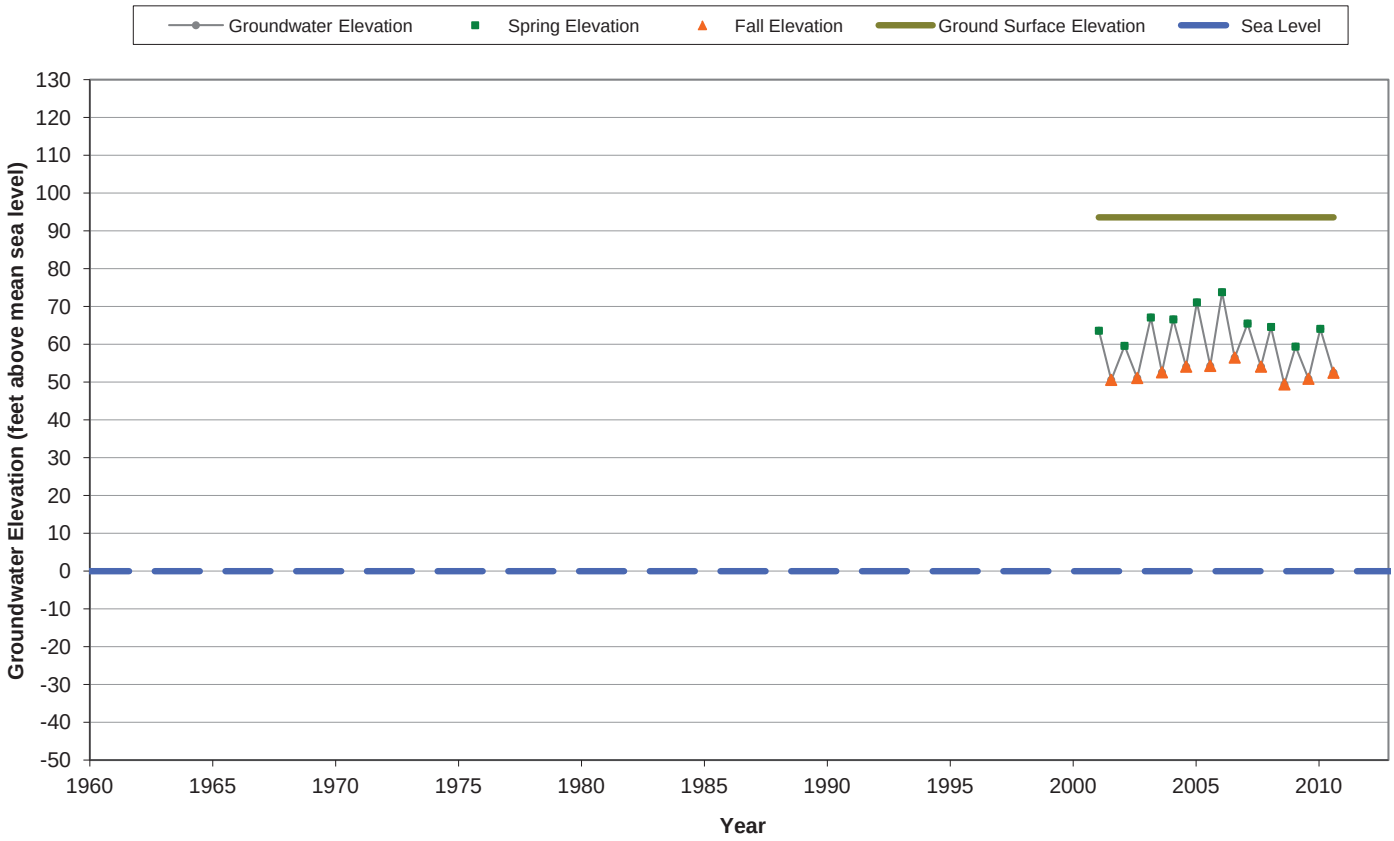
Groundwater-Level Hydrograph
K15-01 (<200 feet)



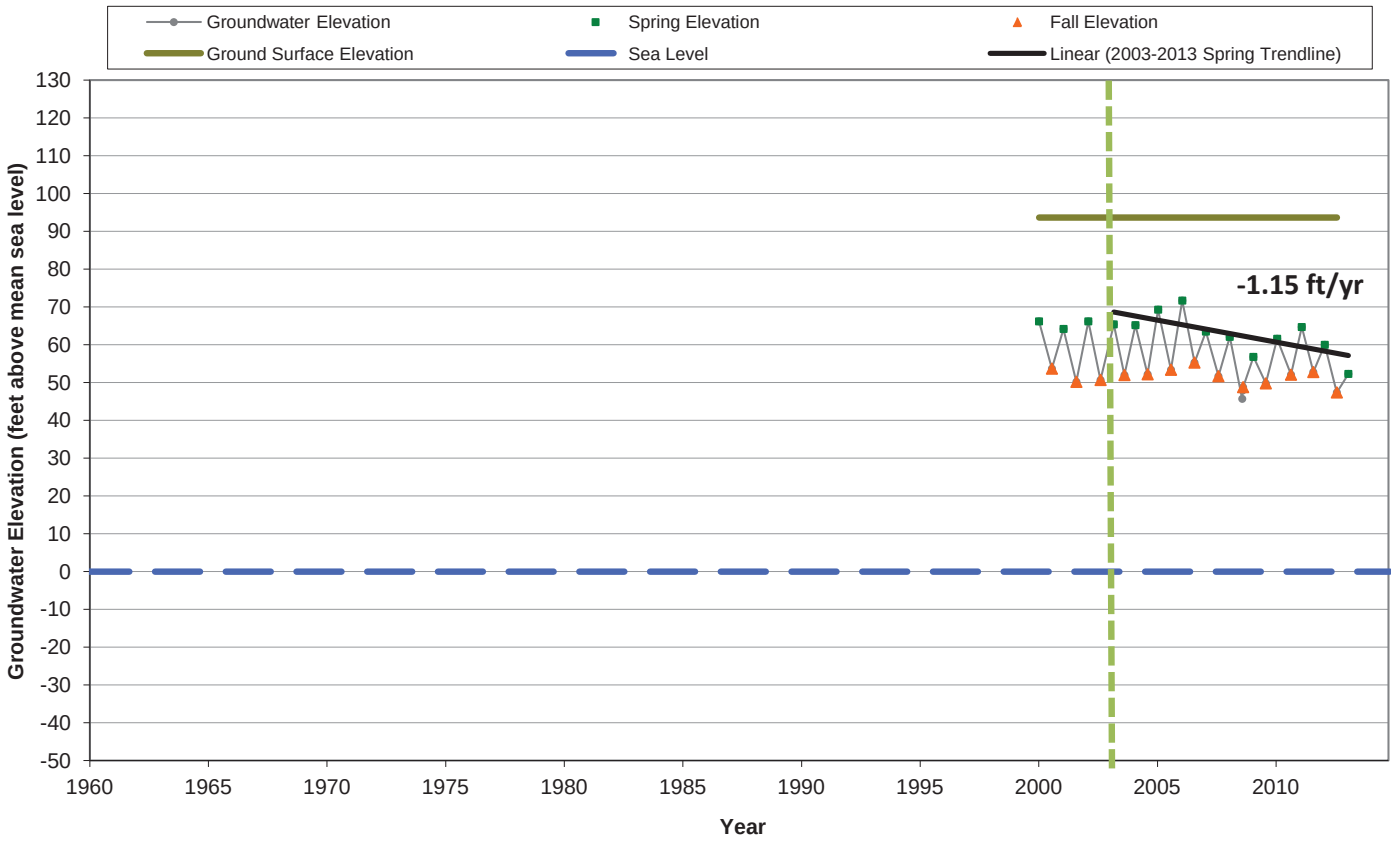
Groundwater-Level Hydrograph
K15-03 (<200 feet)



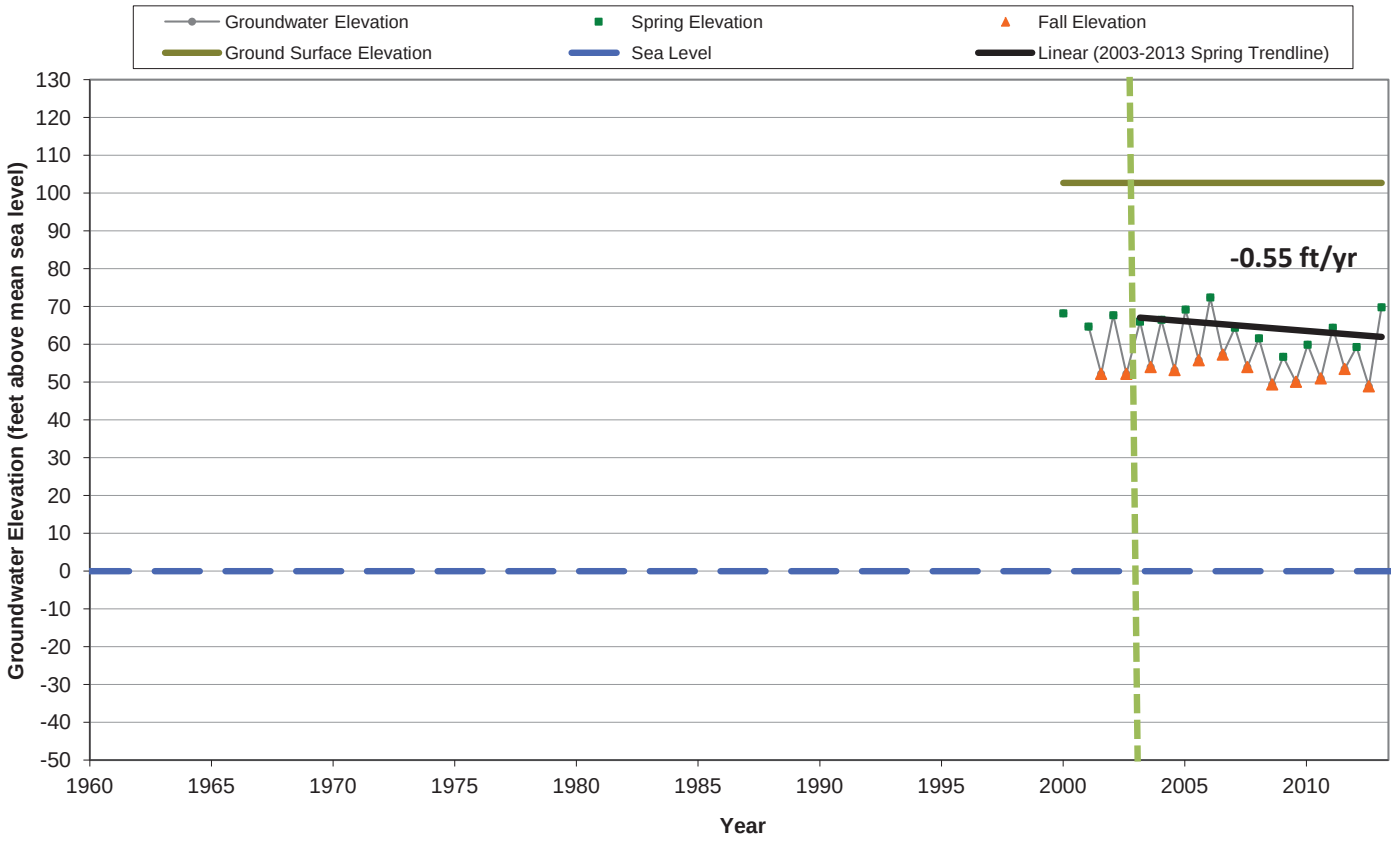
Groundwater-Level Hydrograph
K15-04 (<200 feet)



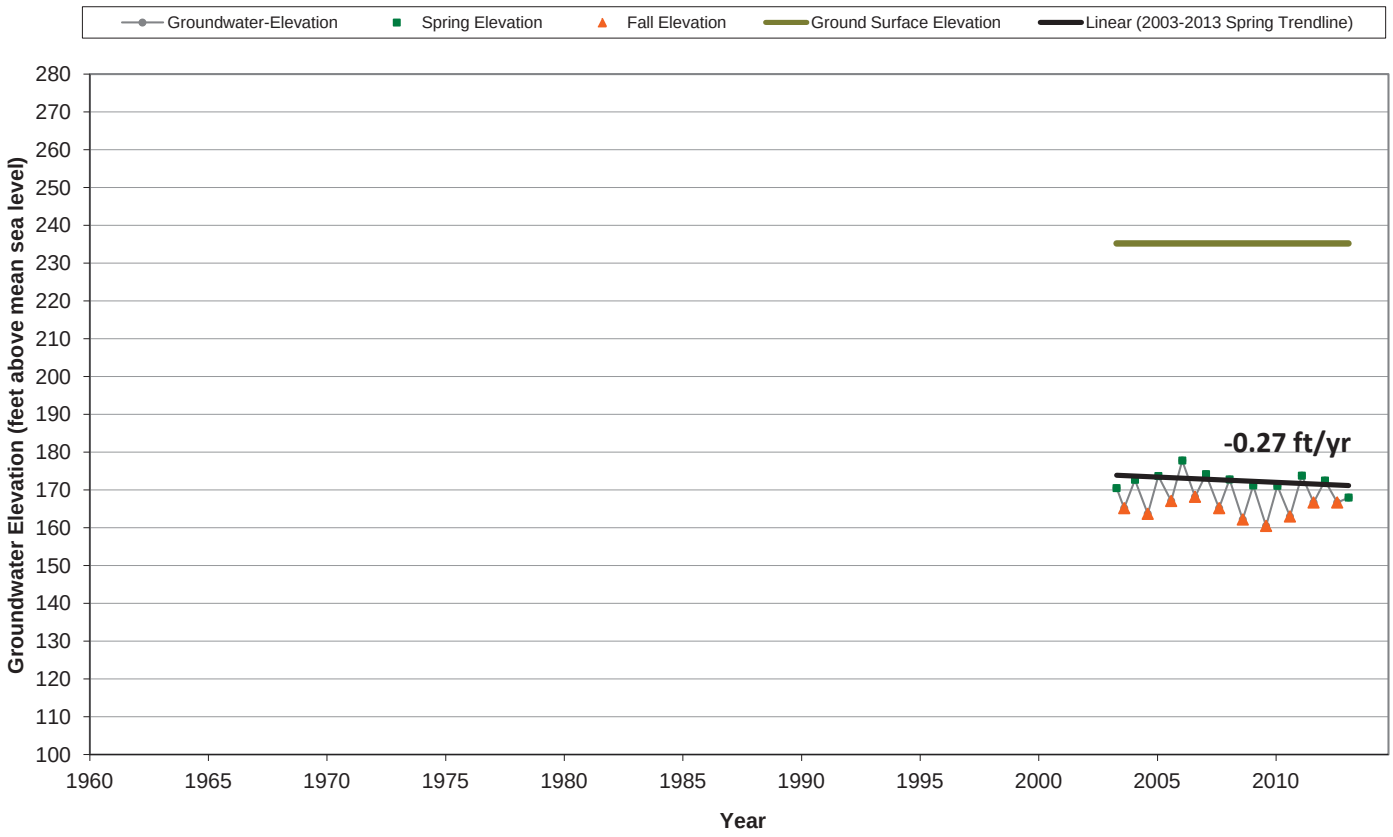
Groundwater-Level Hydrograph
K15-05 (<200 feet)



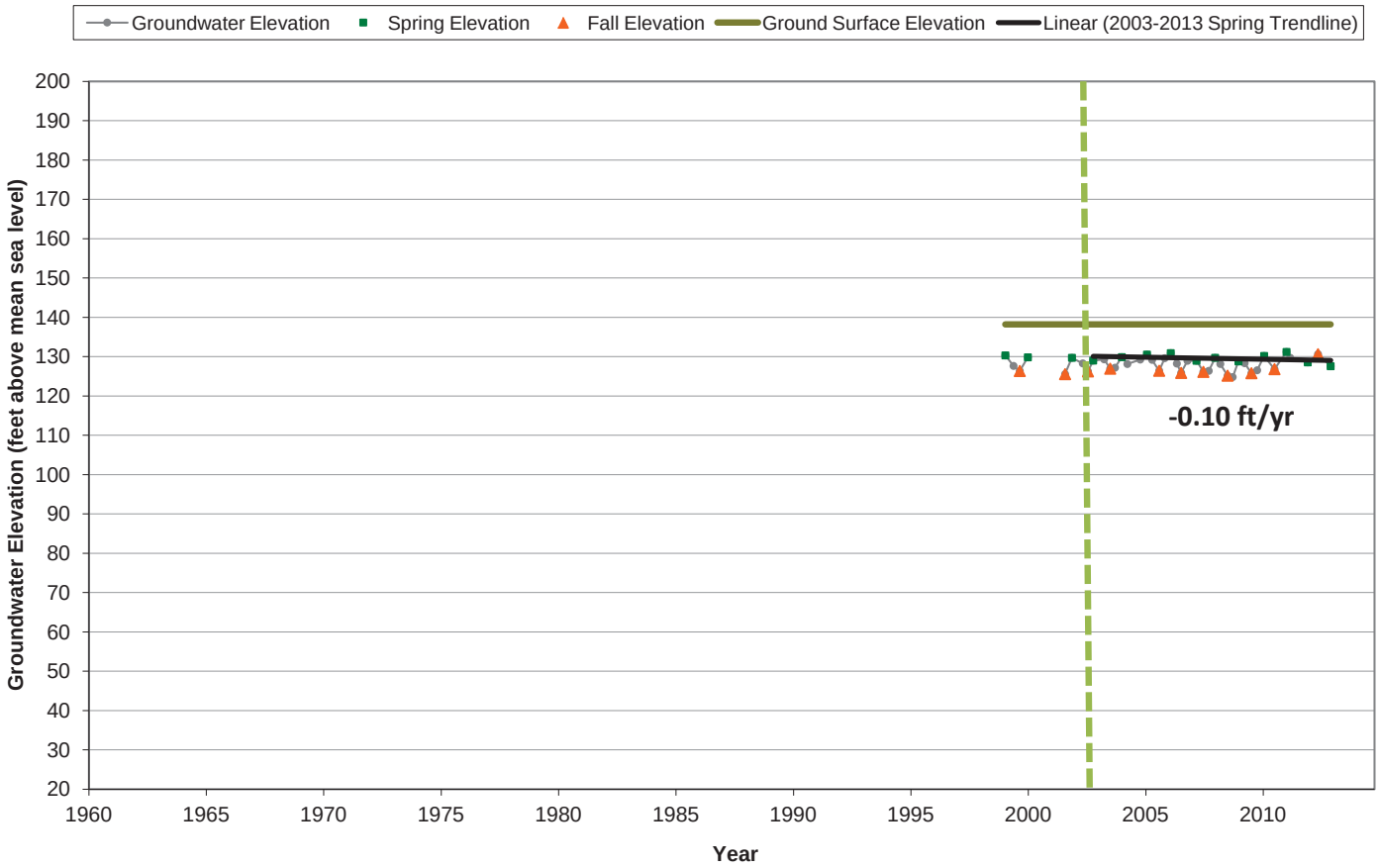
Groundwater-Level Hydrograph
K15-06 (<200 feet)



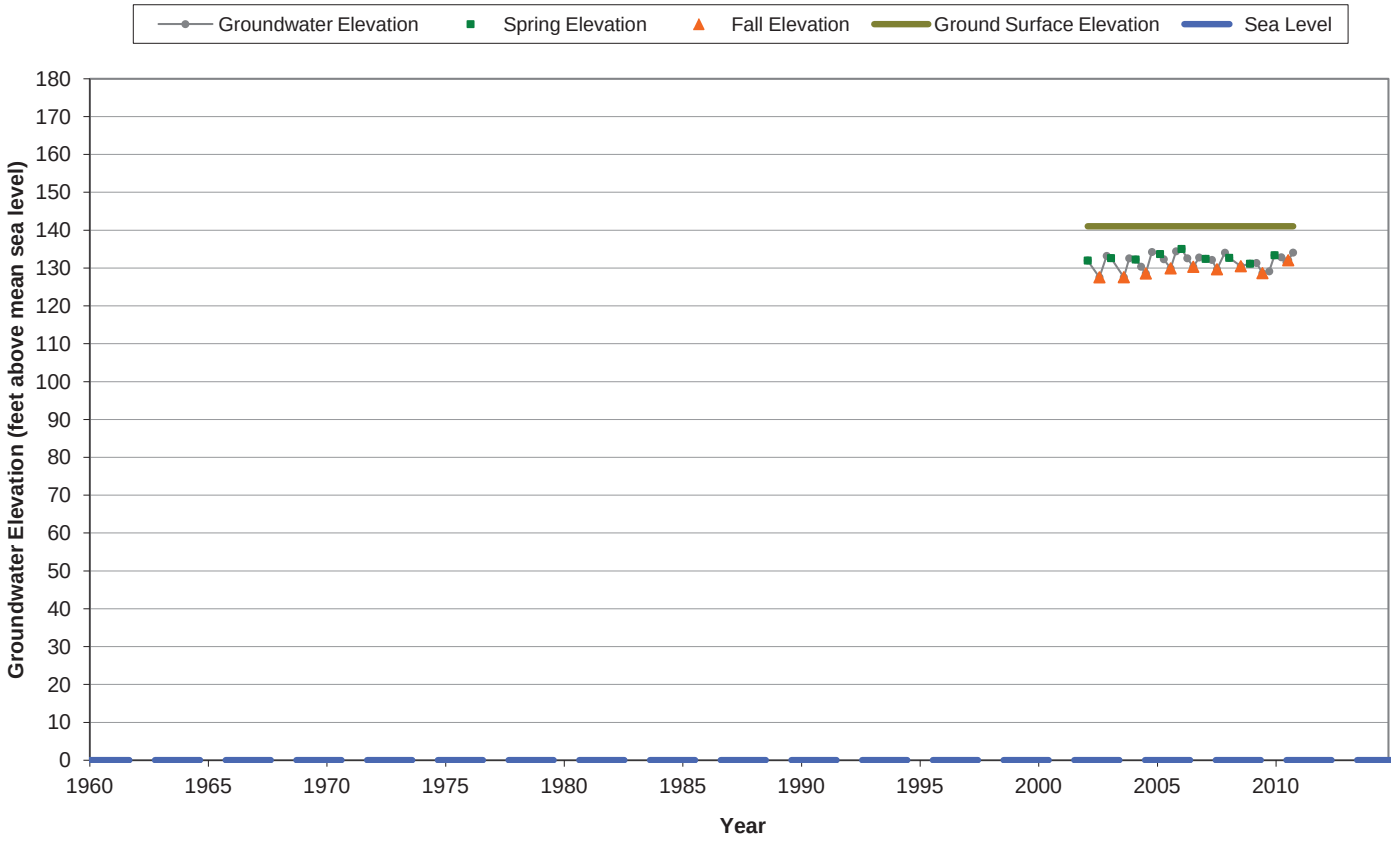
Groundwater-Level Hydrograph
L11-01 (<200 feet)



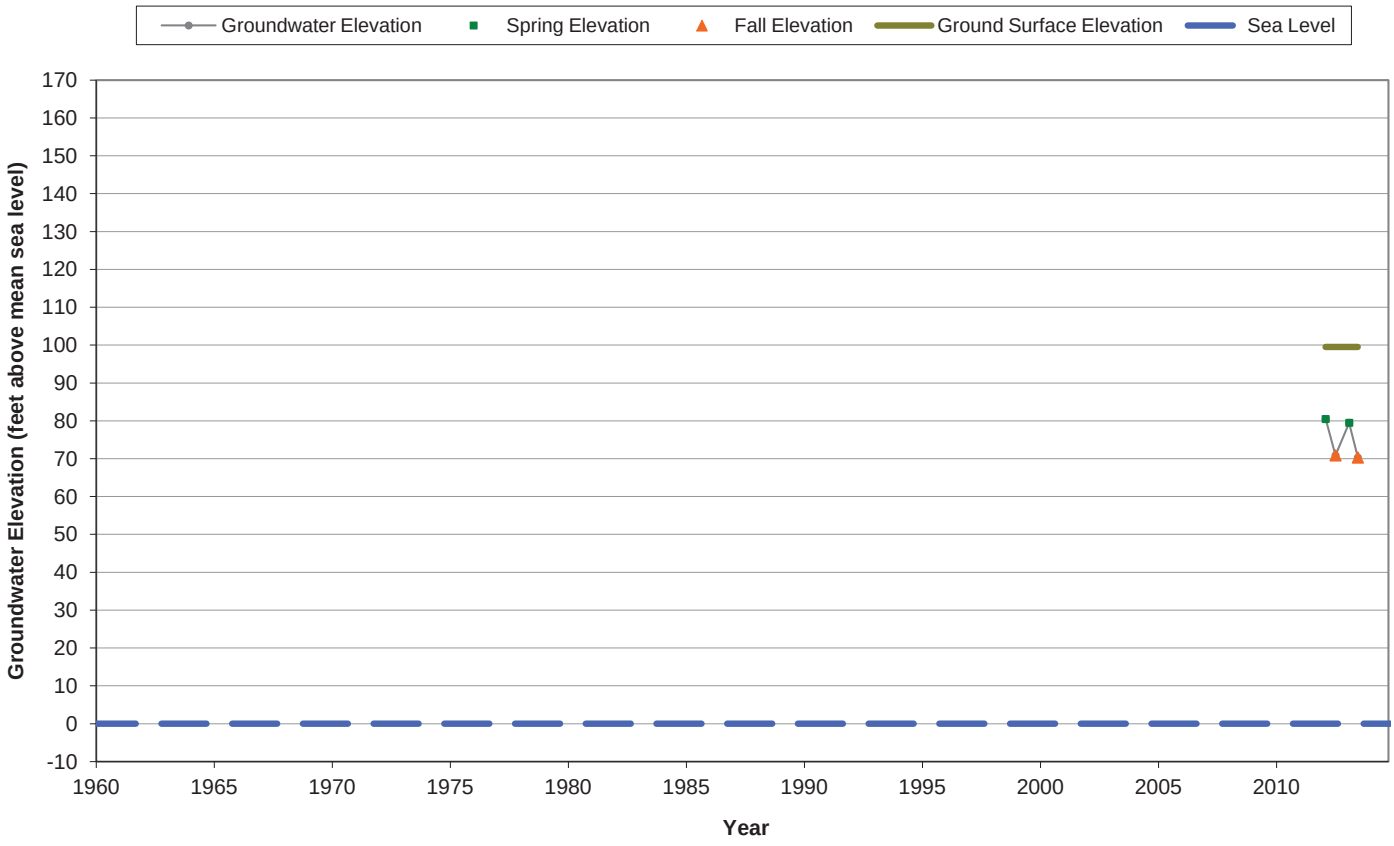
Groundwater-Level Hydrograph
L12-04 (<200 feet)



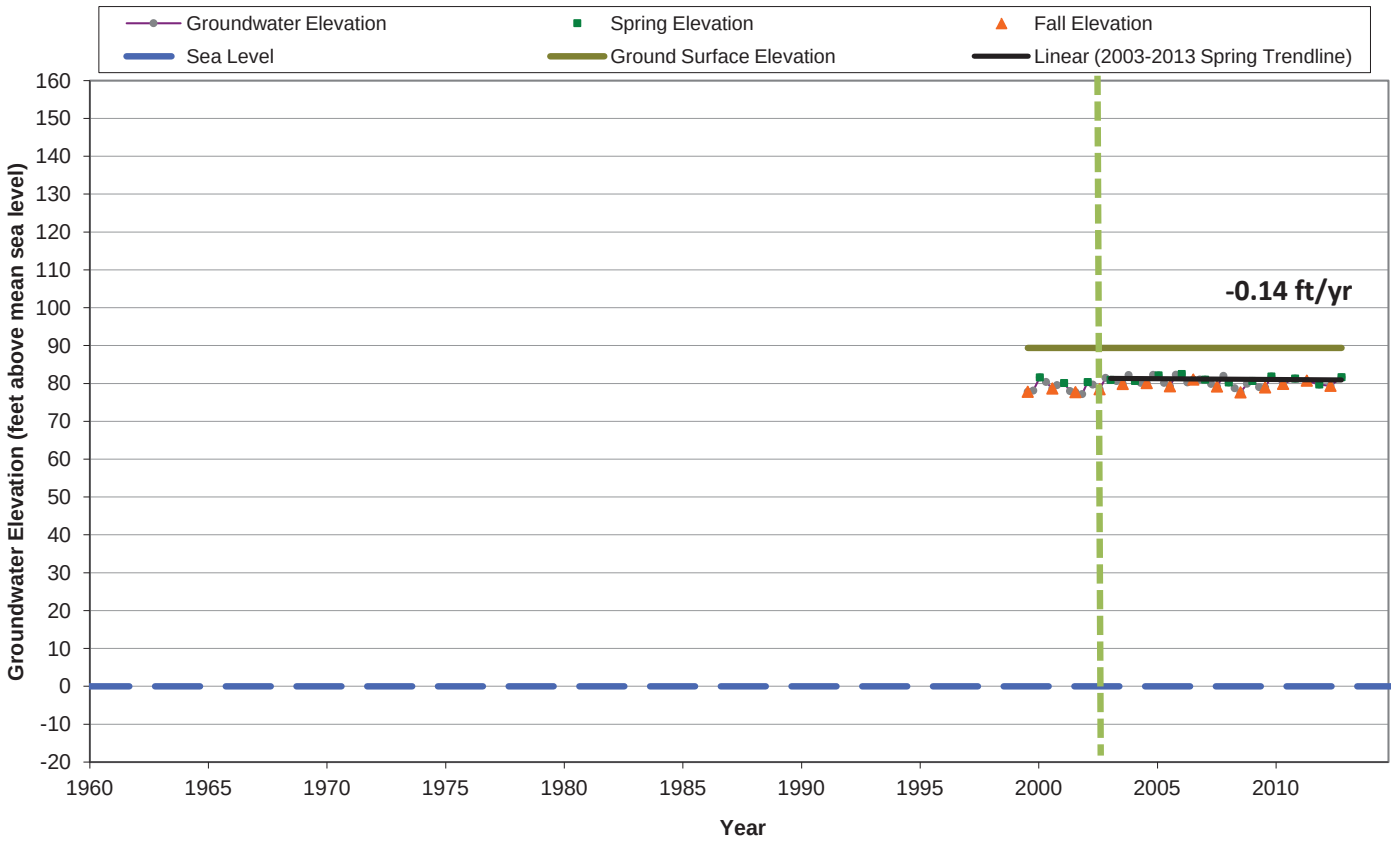
Groundwater-Level Hydrograph
L12-05 (<200 feet)



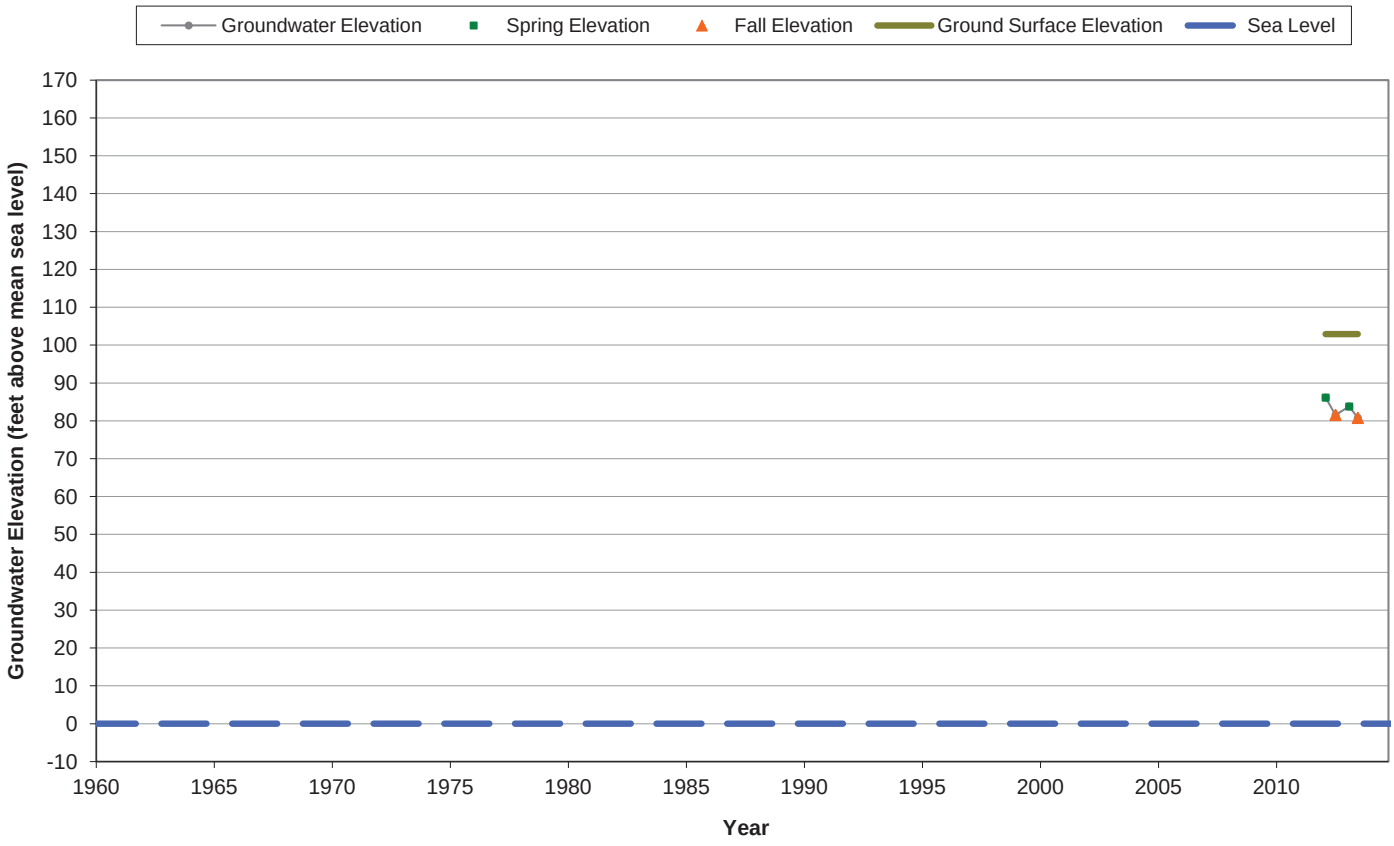
Groundwater-Level Hydrograph
L12-07 (<200 feet)



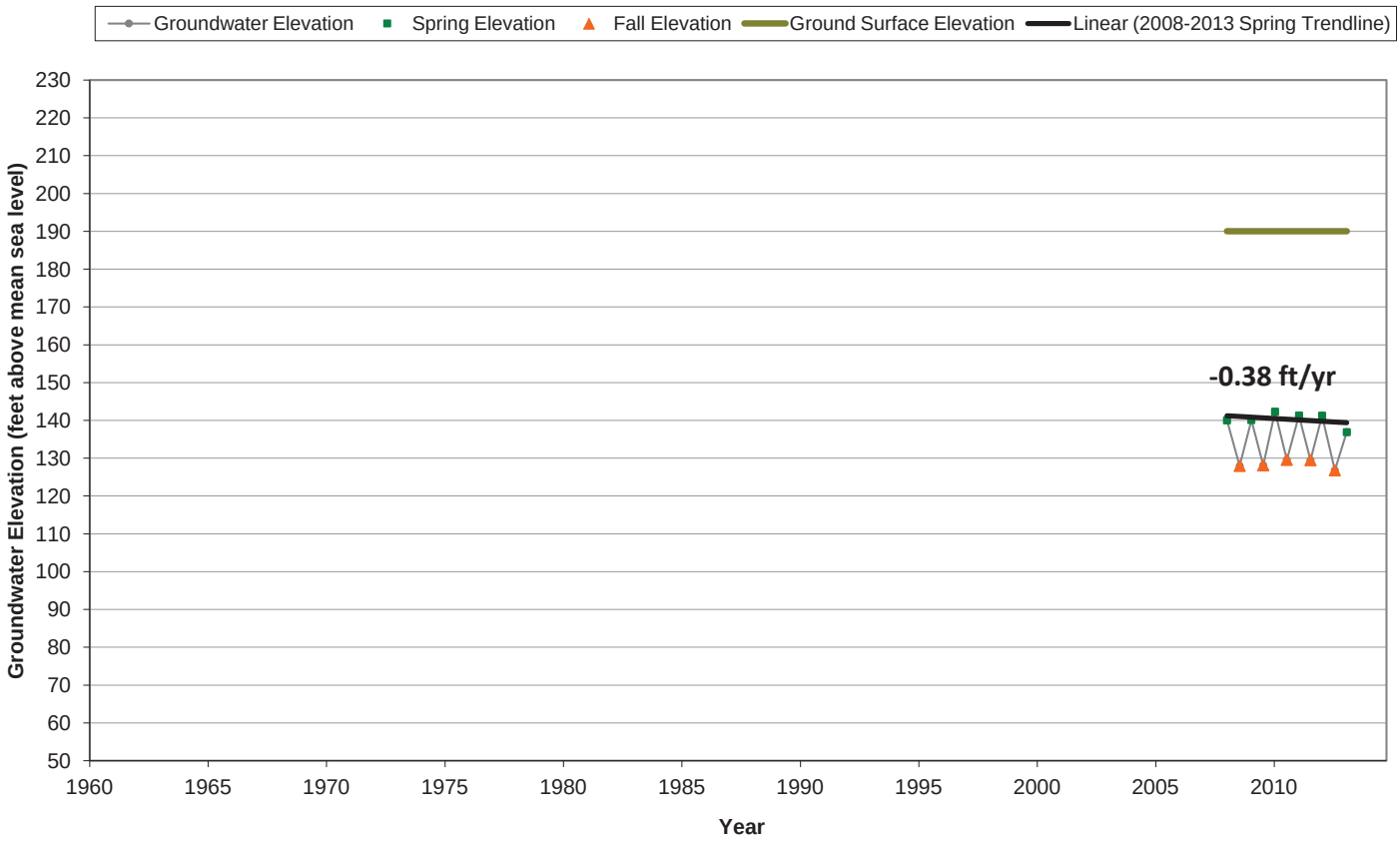
Groundwater-Level Hydrograph
L13-05 (<200 feet)



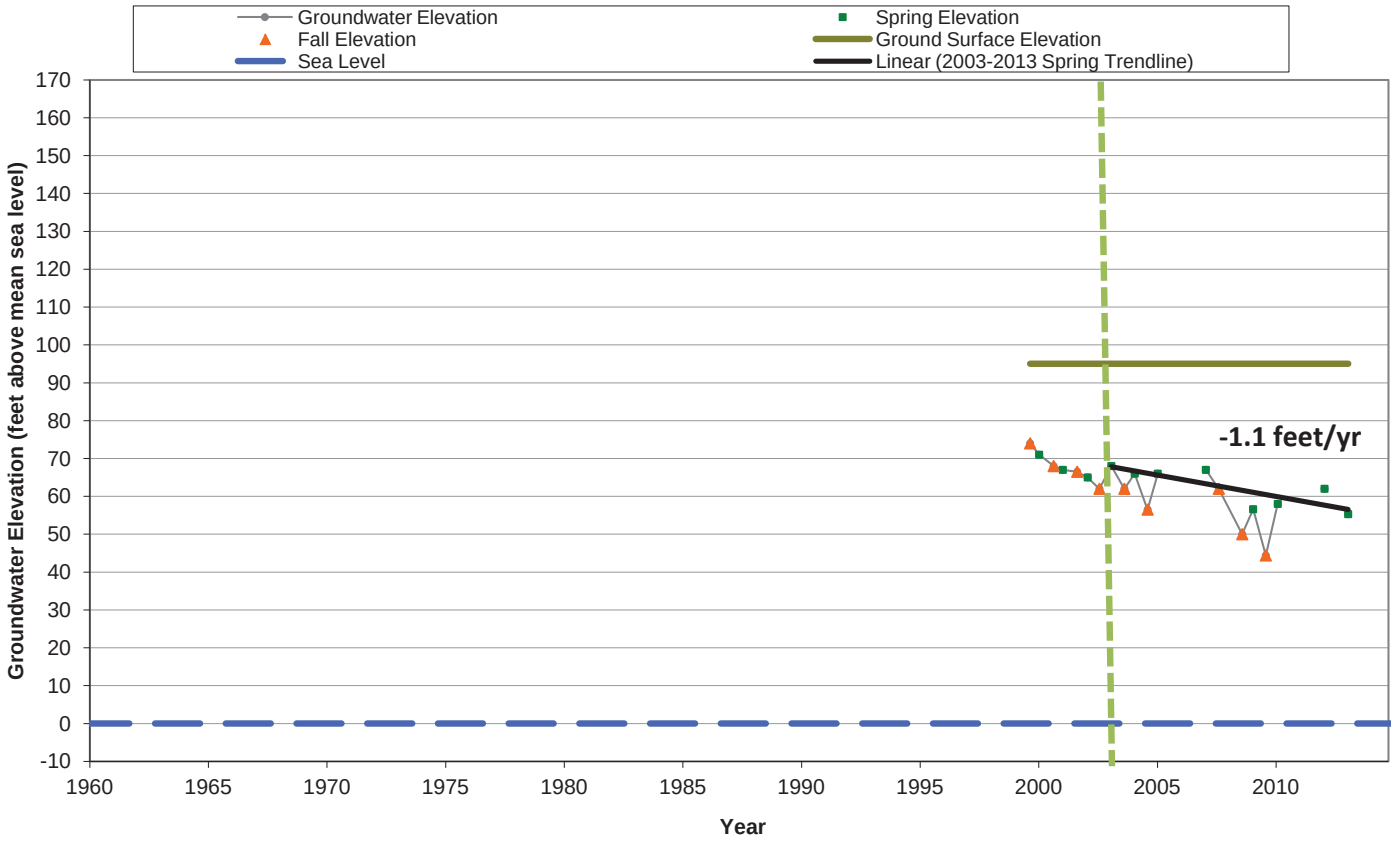
Groundwater-Level Hydrograph
L13-06 (<200 feet)

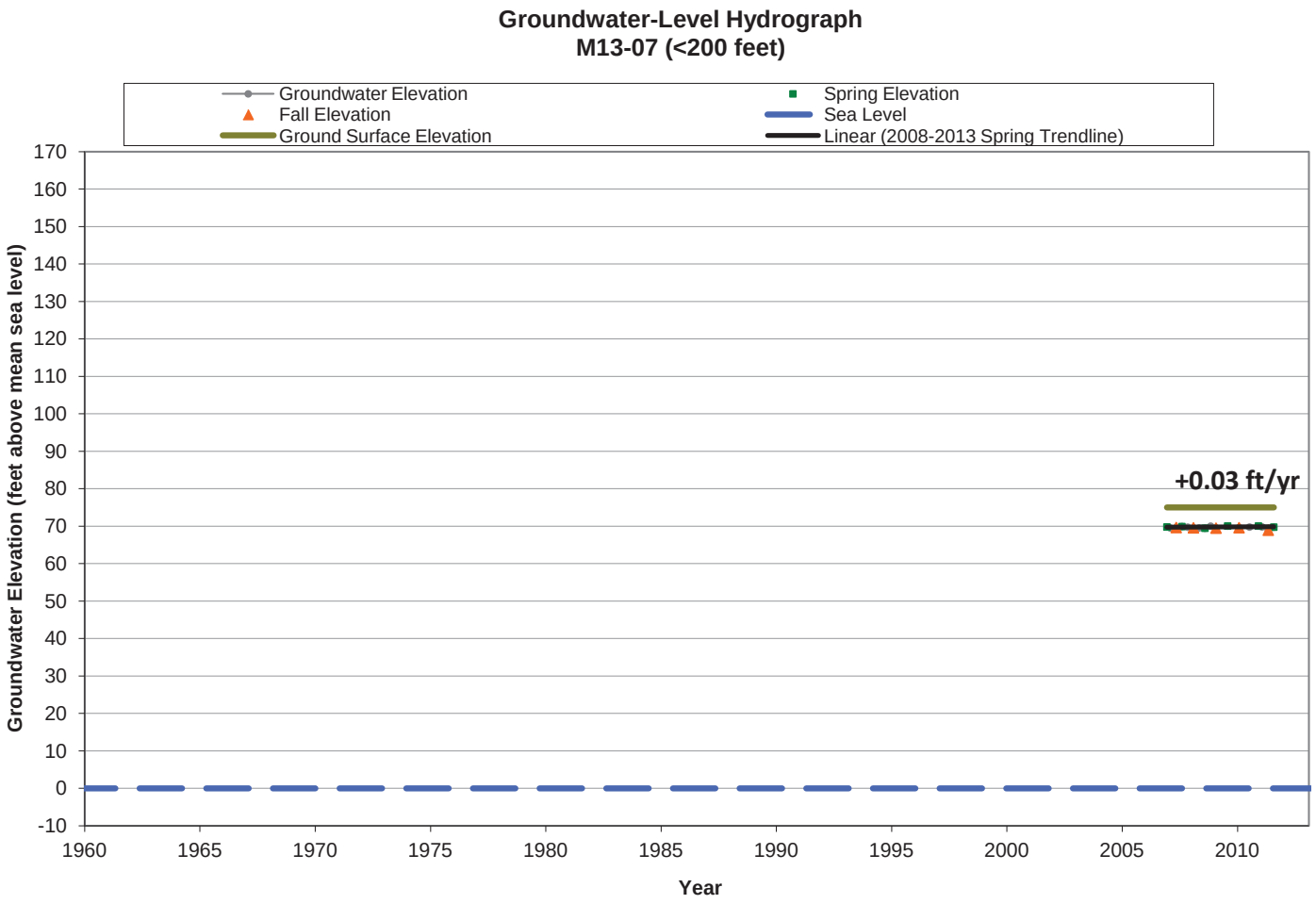


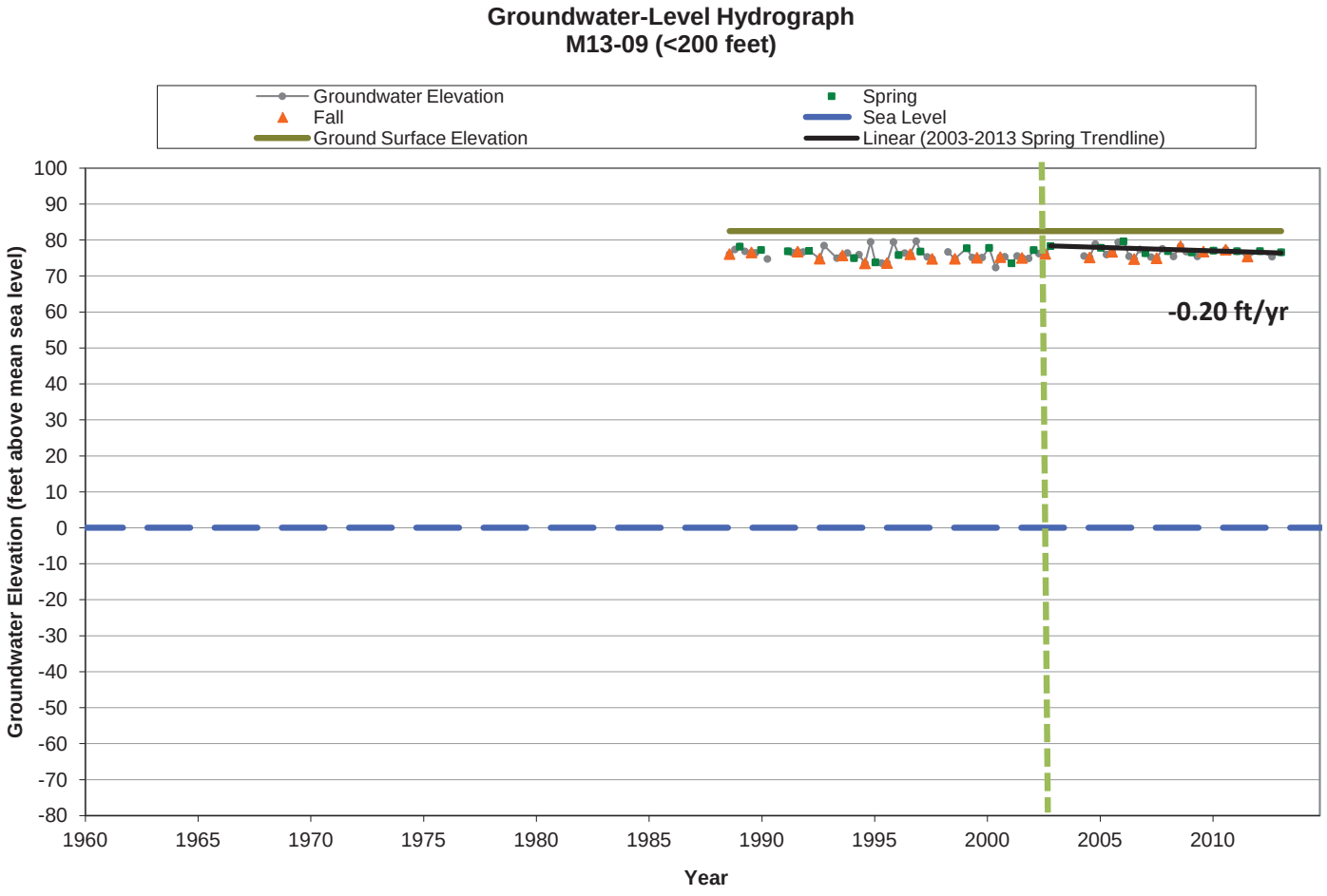
Groundwater-Level Hydrograph
M12-01 (<200 feet)



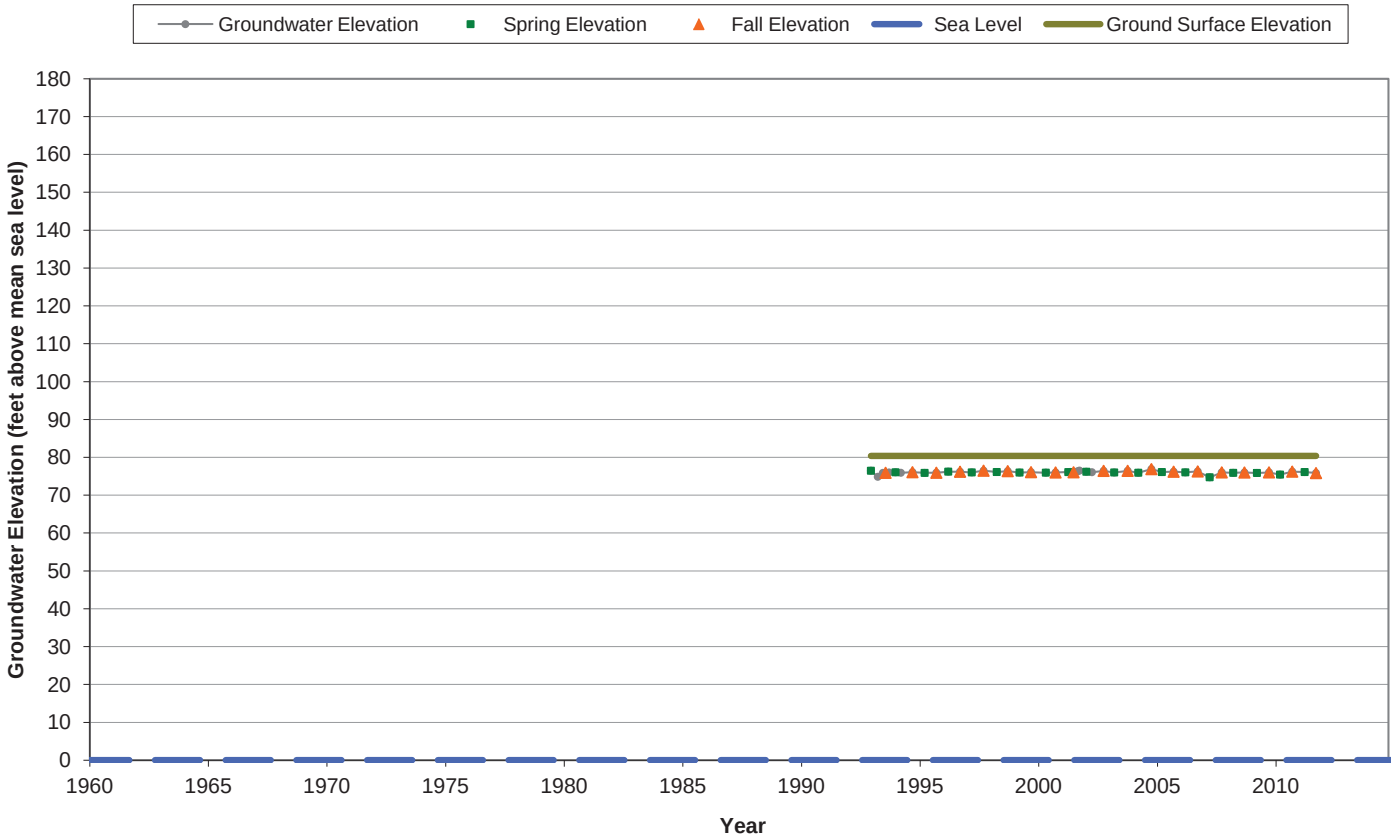
Groundwater-Level Hydrograph
M13-02 (<200 feet)



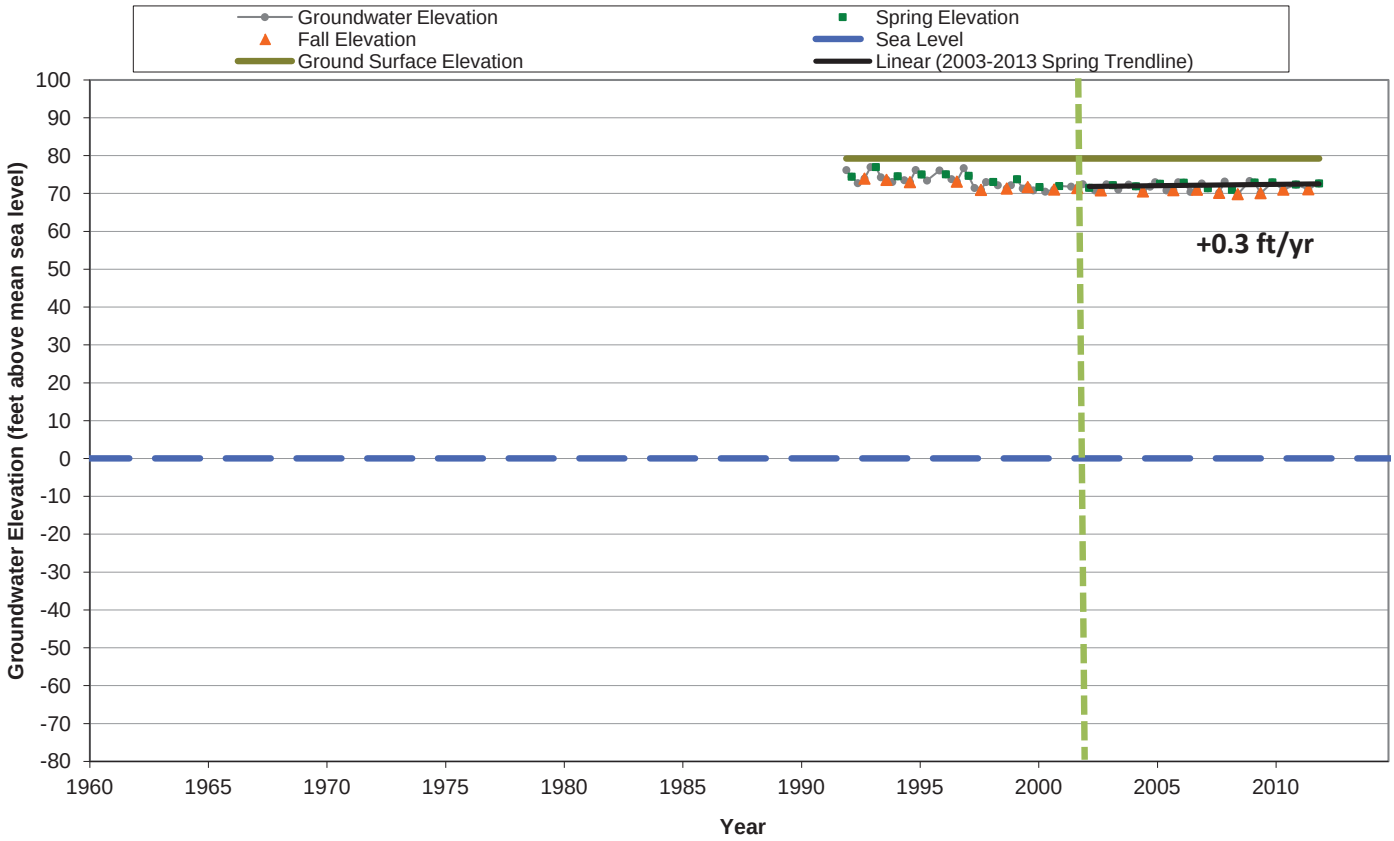

Groundwater-Level Hydrograph
M13-07 (<200 feet)
Groundwater Elevation
Spring Elevation
Fall Elevation
Sea Level
Ground Surface Elevation
Linear (2008-2013 Spring Trendline)
+0.03 ft/yr
Groundwater Elevation (feet above mean sea level)
Year


Groundwater-Level Hydrograph
M13-09 (<200 feet)
Groundwater Elevation
Spring
Fall
Sea Level
Ground Surface Elevation
Linear (2003-2013 Spring Trendline)
-0.20 ft/yr
Groundwater Elevation (feet above mean sea level)
Year

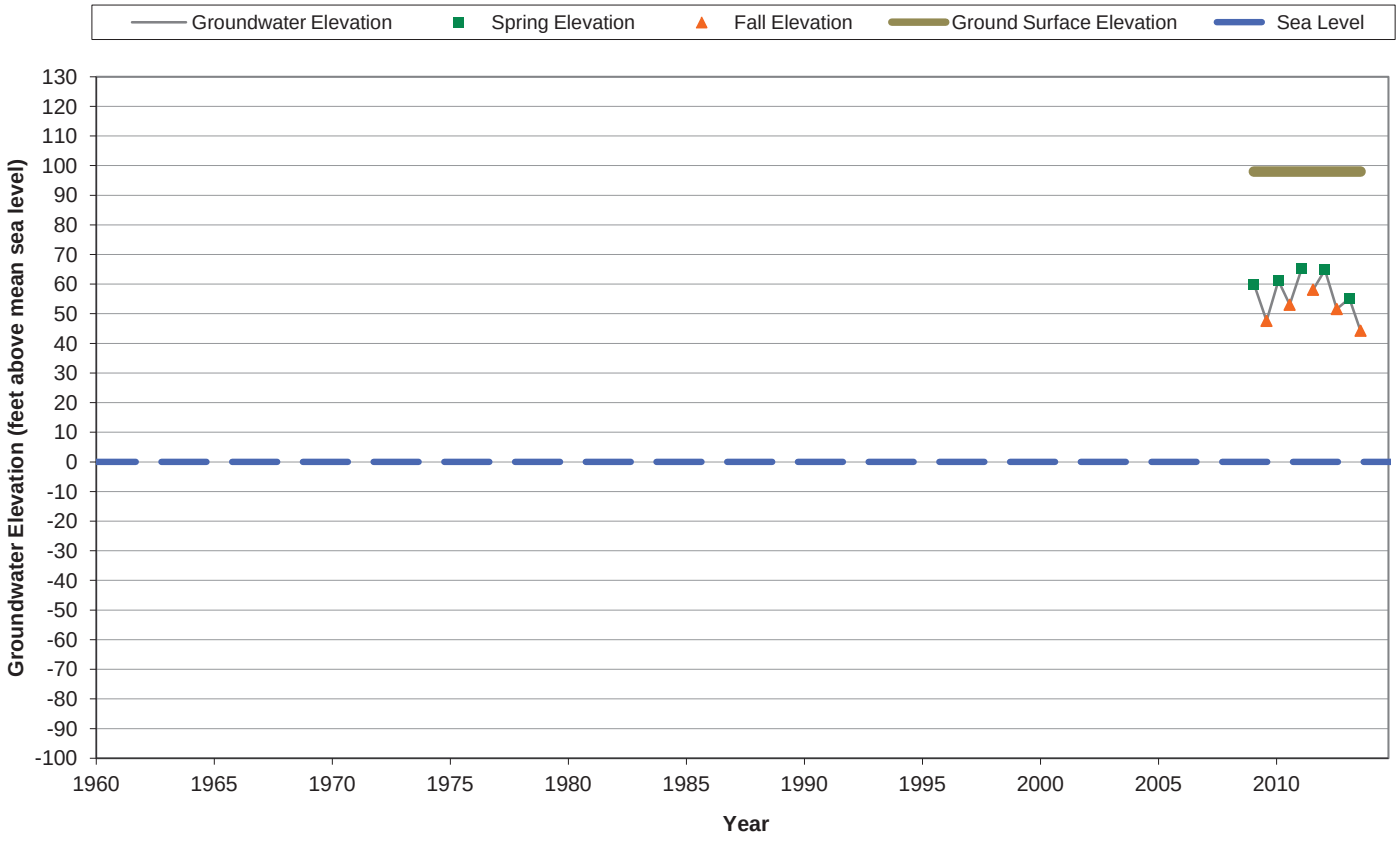
Groundwater-Level Hydrograph
M13-10 (<200 feet)



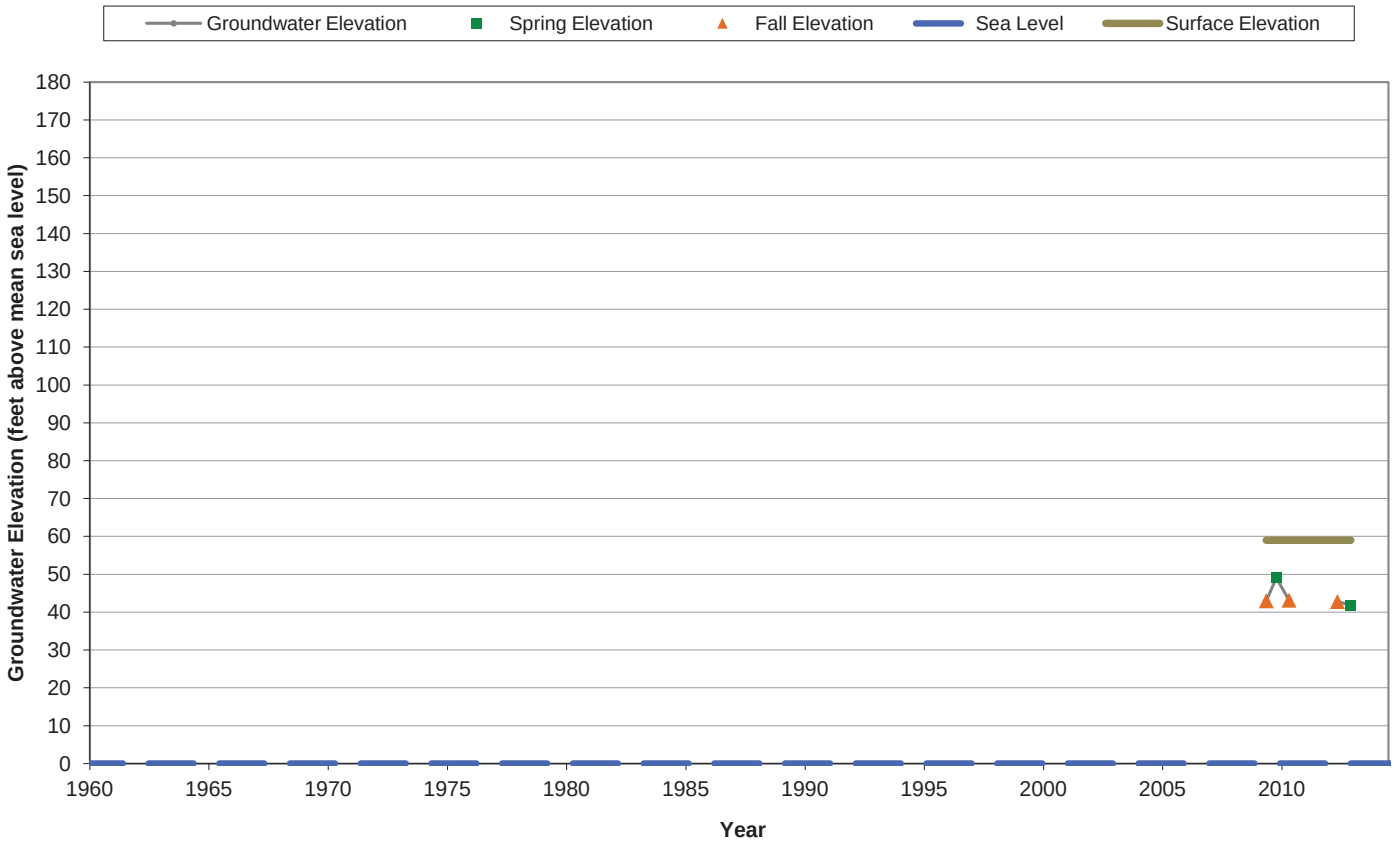
Groundwater-Level Hydrograph
M13-11 (<200 feet)



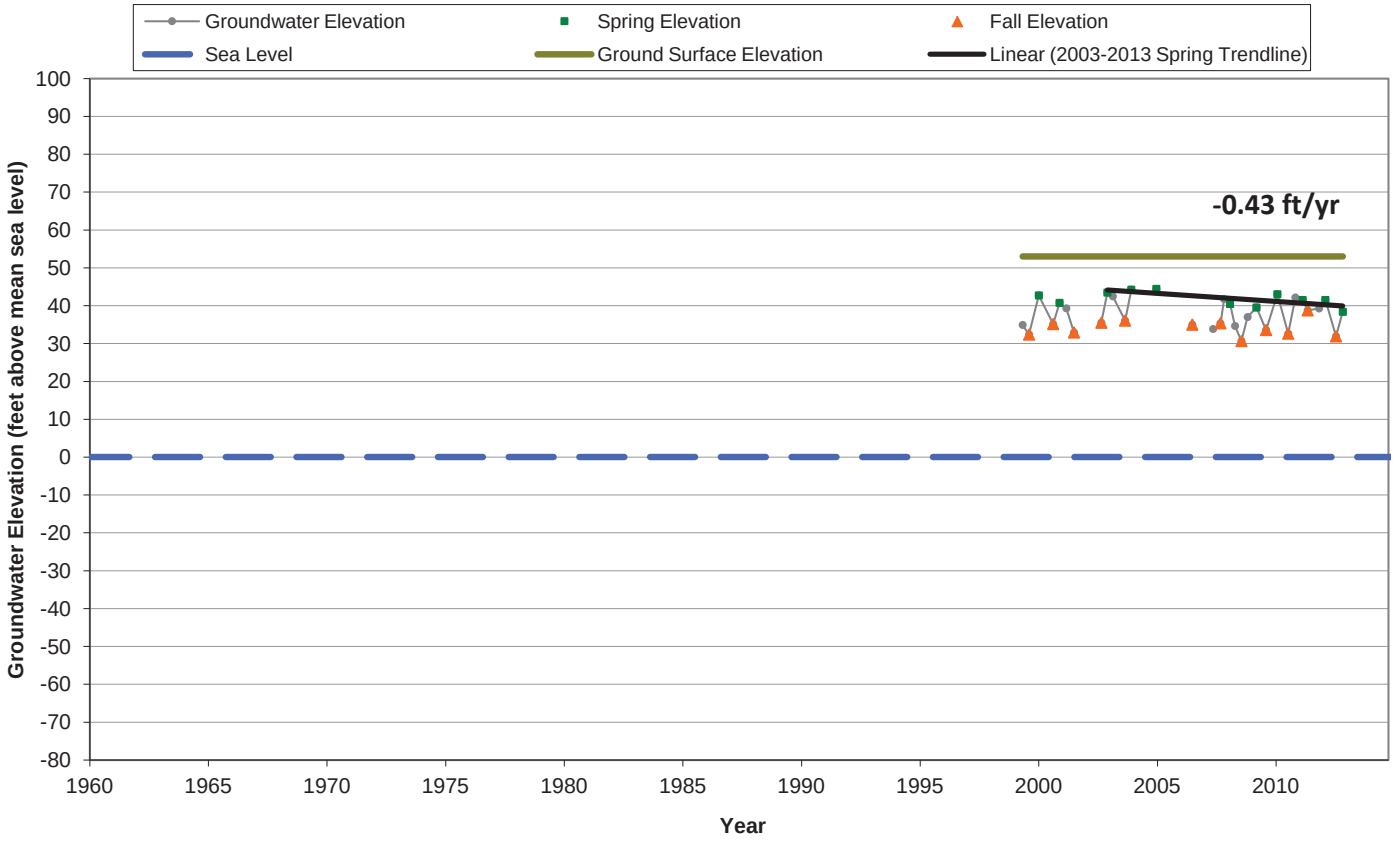
Groundwater-Level Hydrograph
M13-14 (<200 feet)



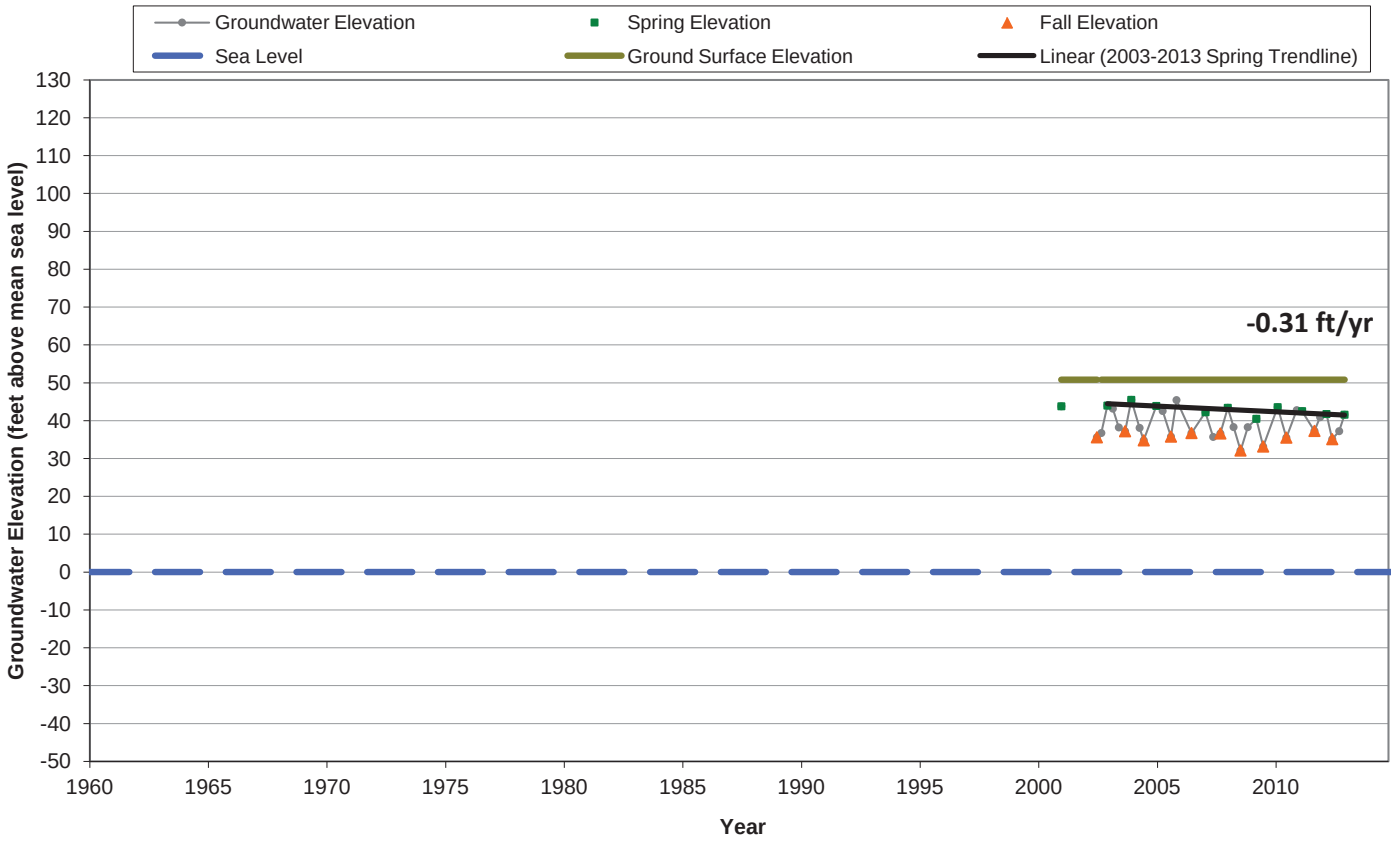
Groundwater-Level Hydrograph
M14-02 (<200 feet)



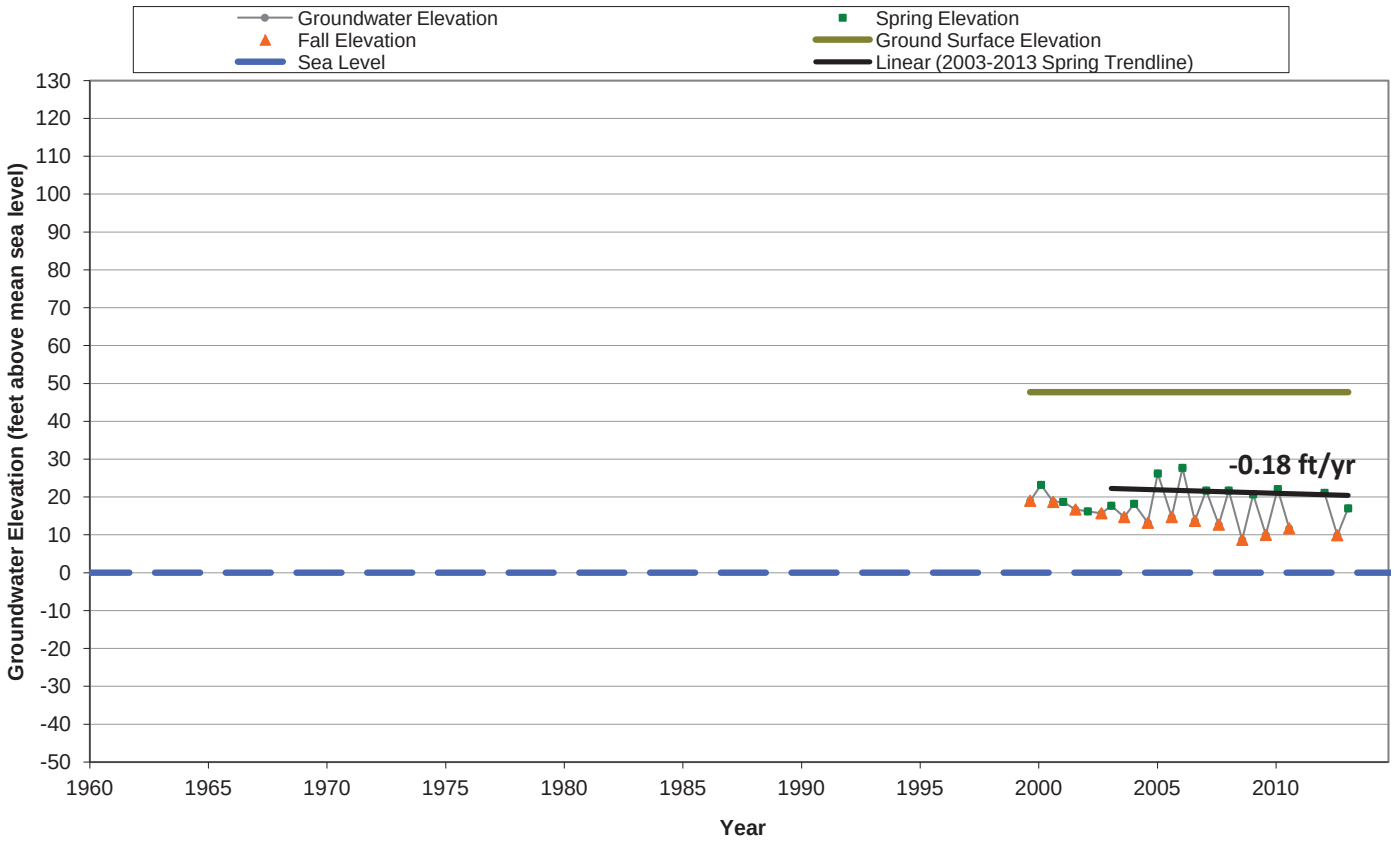
Groundwater-Level Hydrograph
M14-03 (<200 feet)



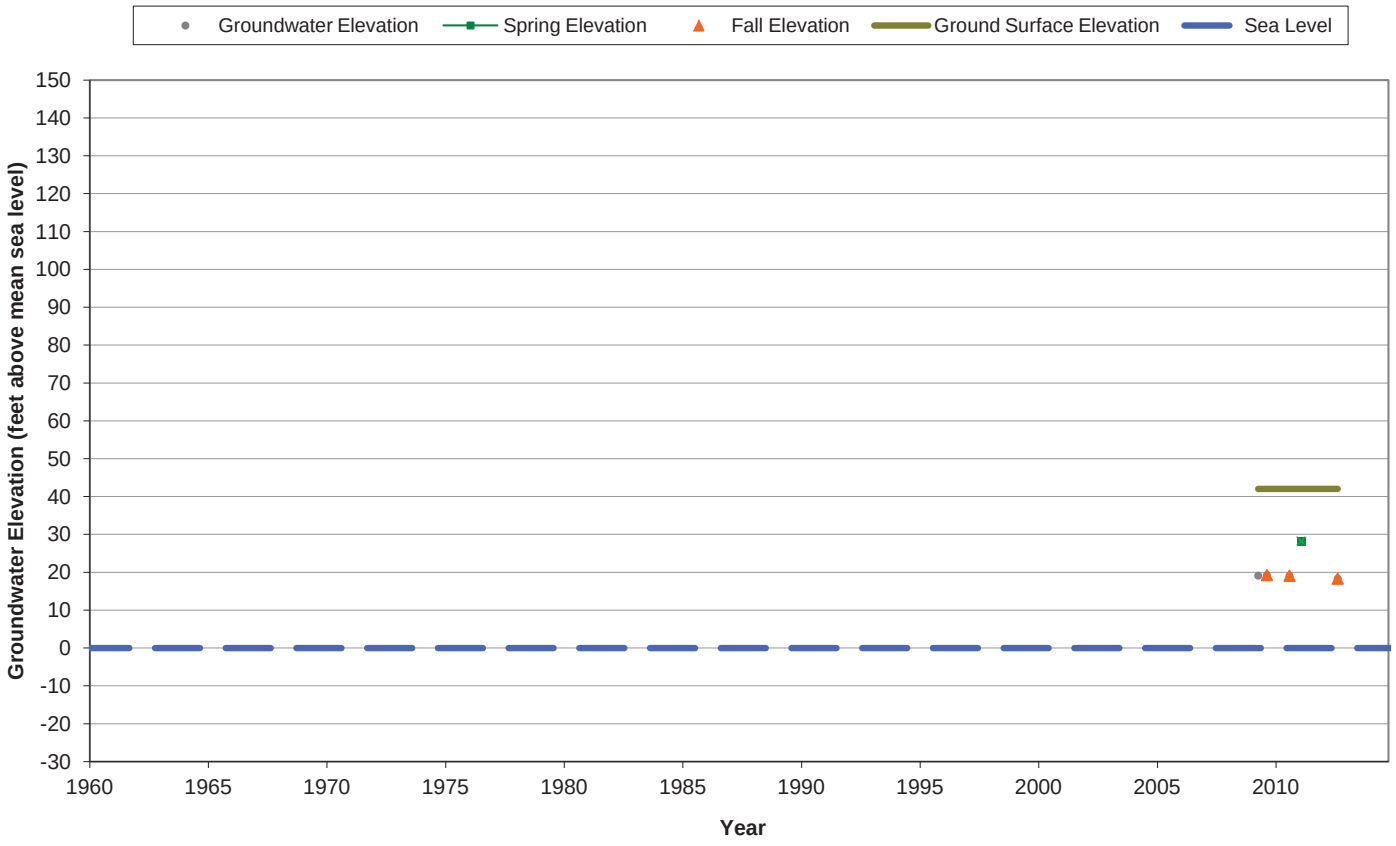
Groundwater-Level Hydrograph
M14-05 (<200 feet)



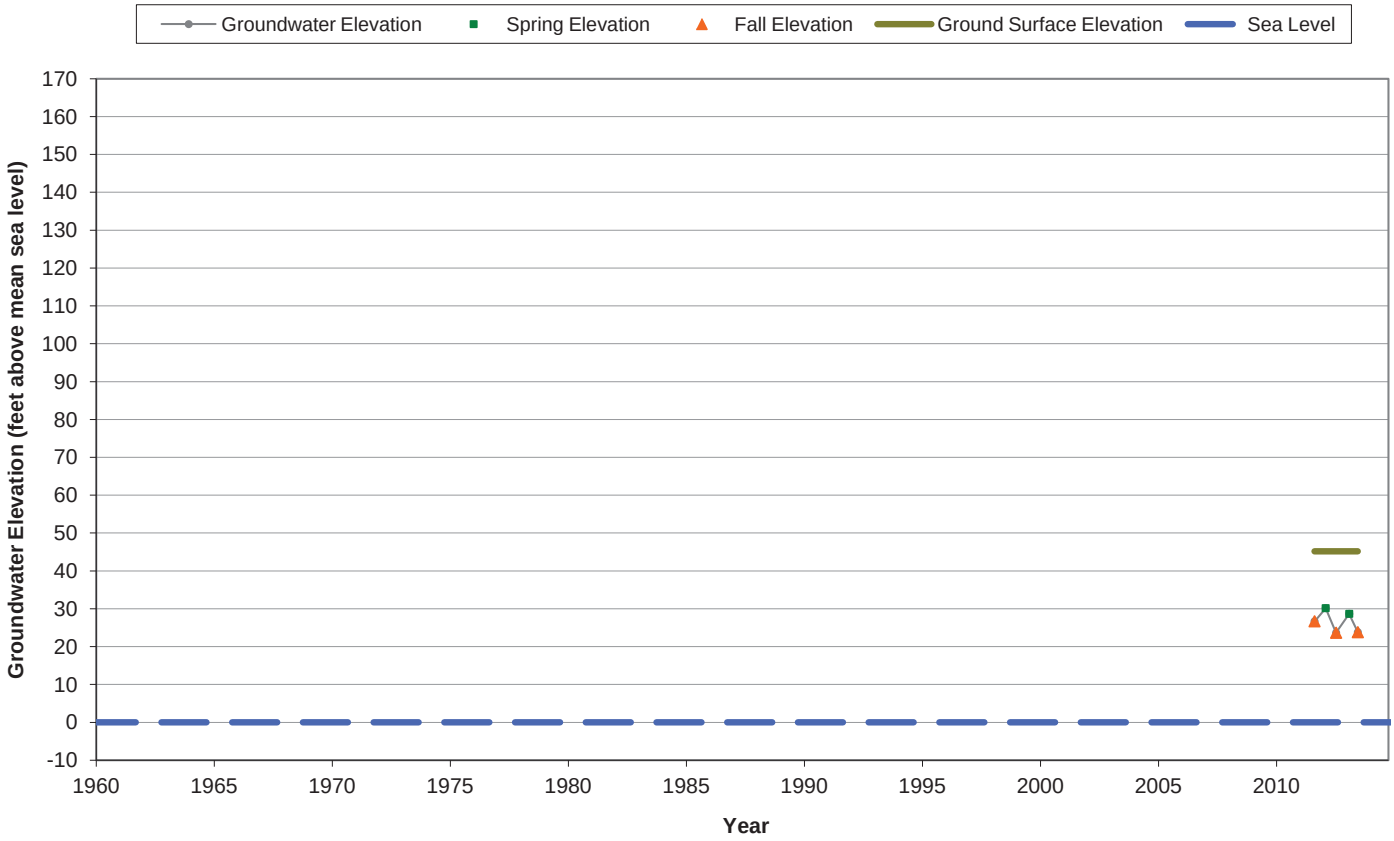
Groundwater-Level Hydrograph
M15-01 (<200 feet)



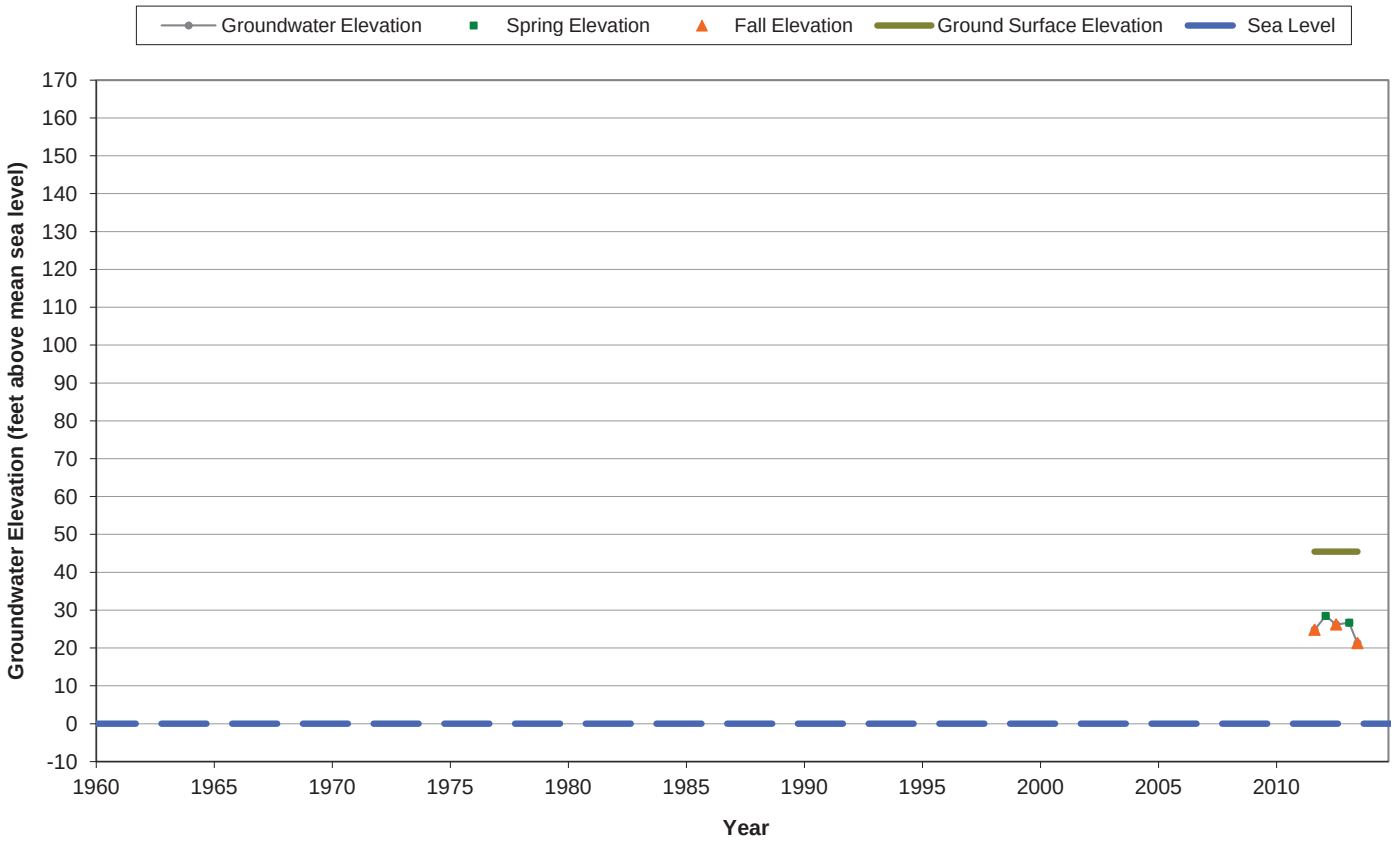
Groundwater-Level Hydrograph
M15-04 (<200 feet)



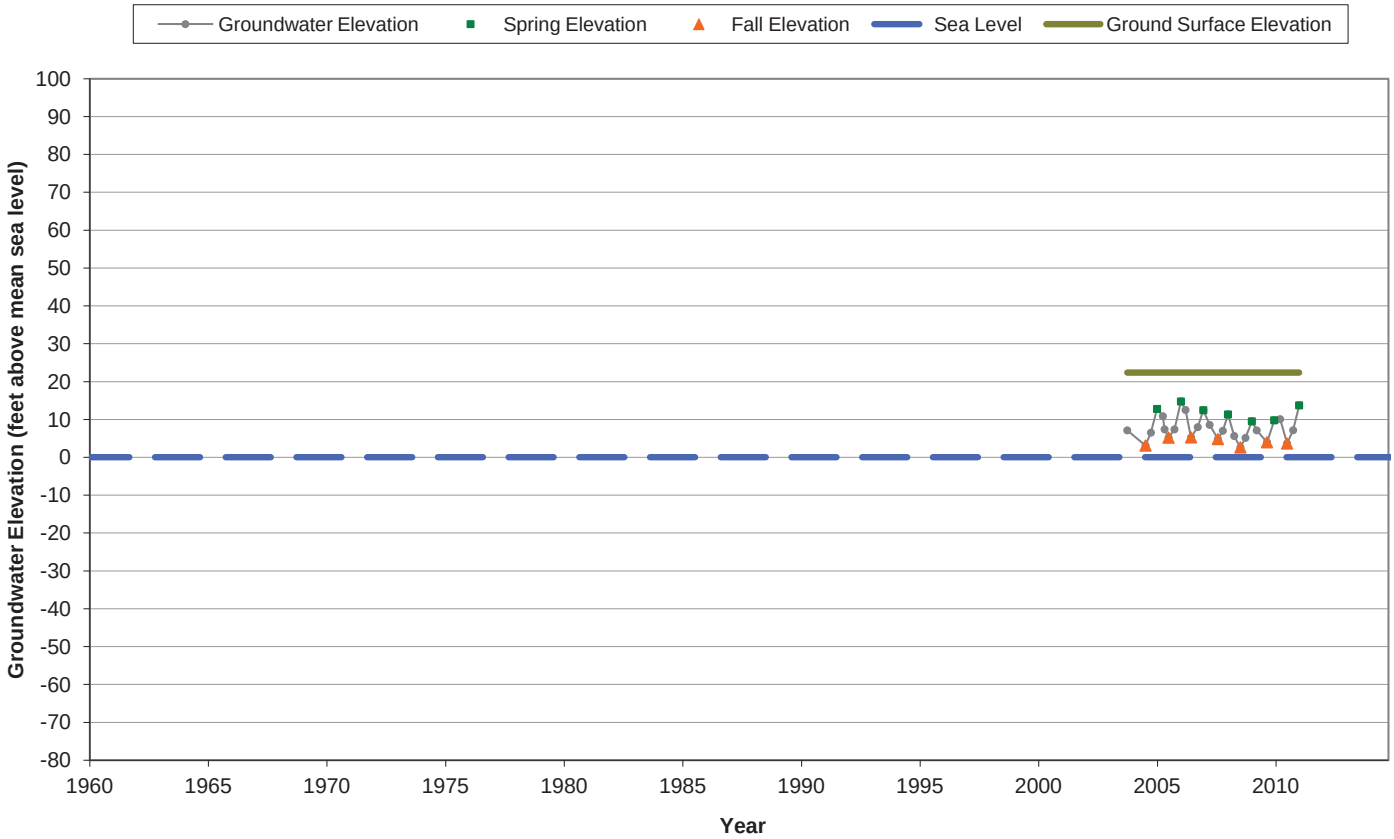
Groundwater-Level Hydrograph
M15-04A (<200 feet)



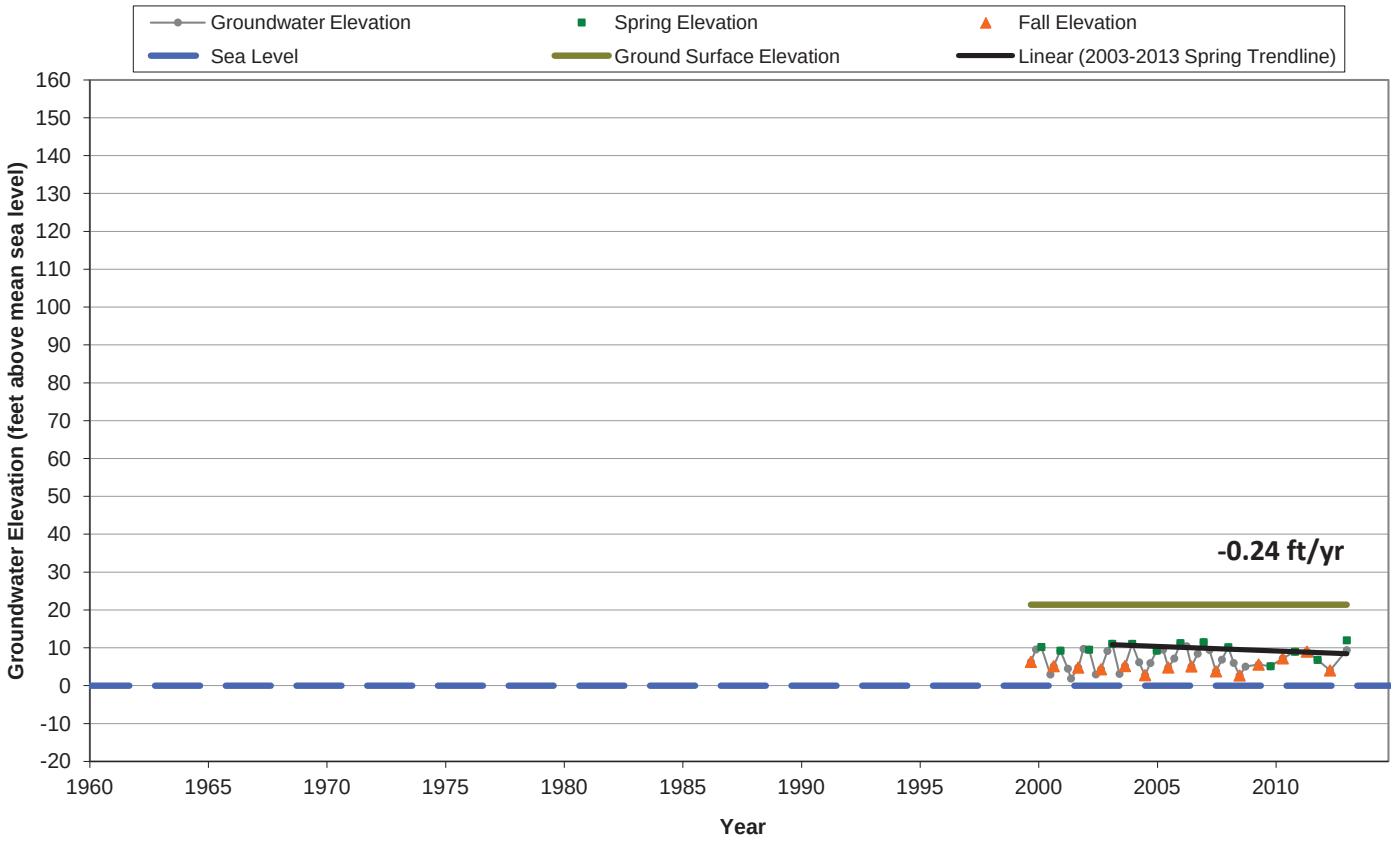
Groundwater-Level Hydrograph
M15-04B (<200 feet)



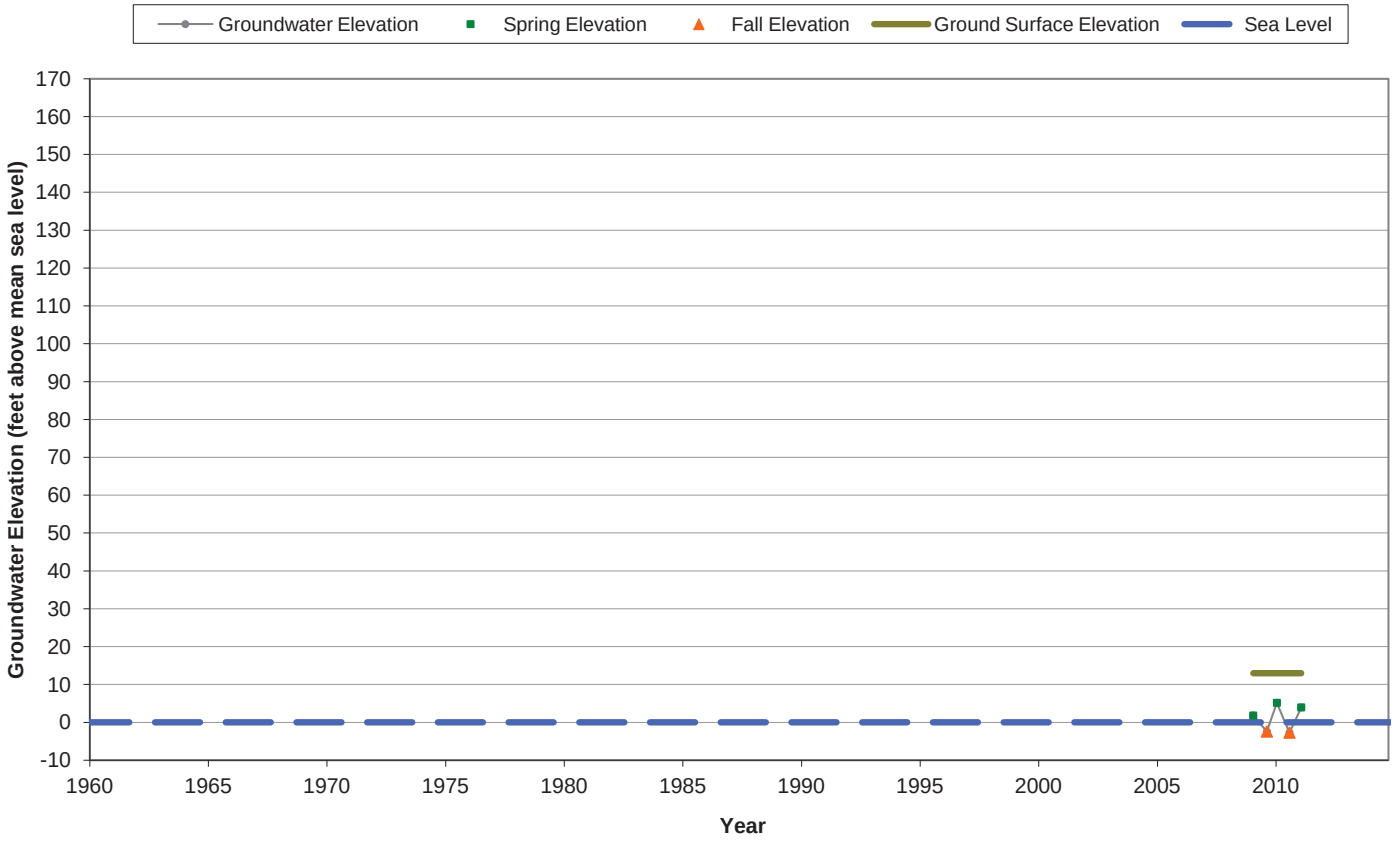
Groundwater-Level Hydrograph
M17-01 (<200 feet)



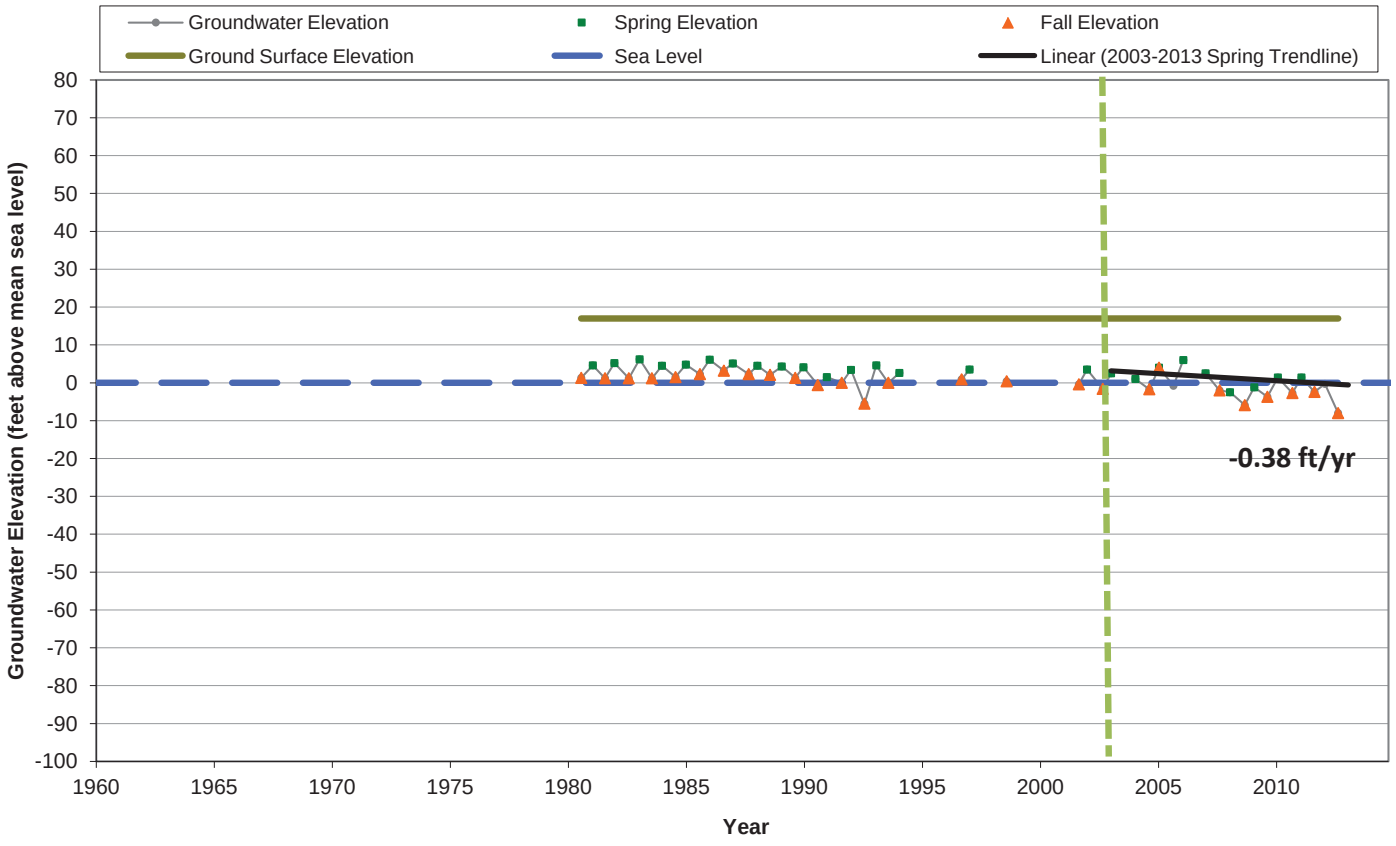
Groundwater-Level Hydrograph
M17-02 (<200 feet)



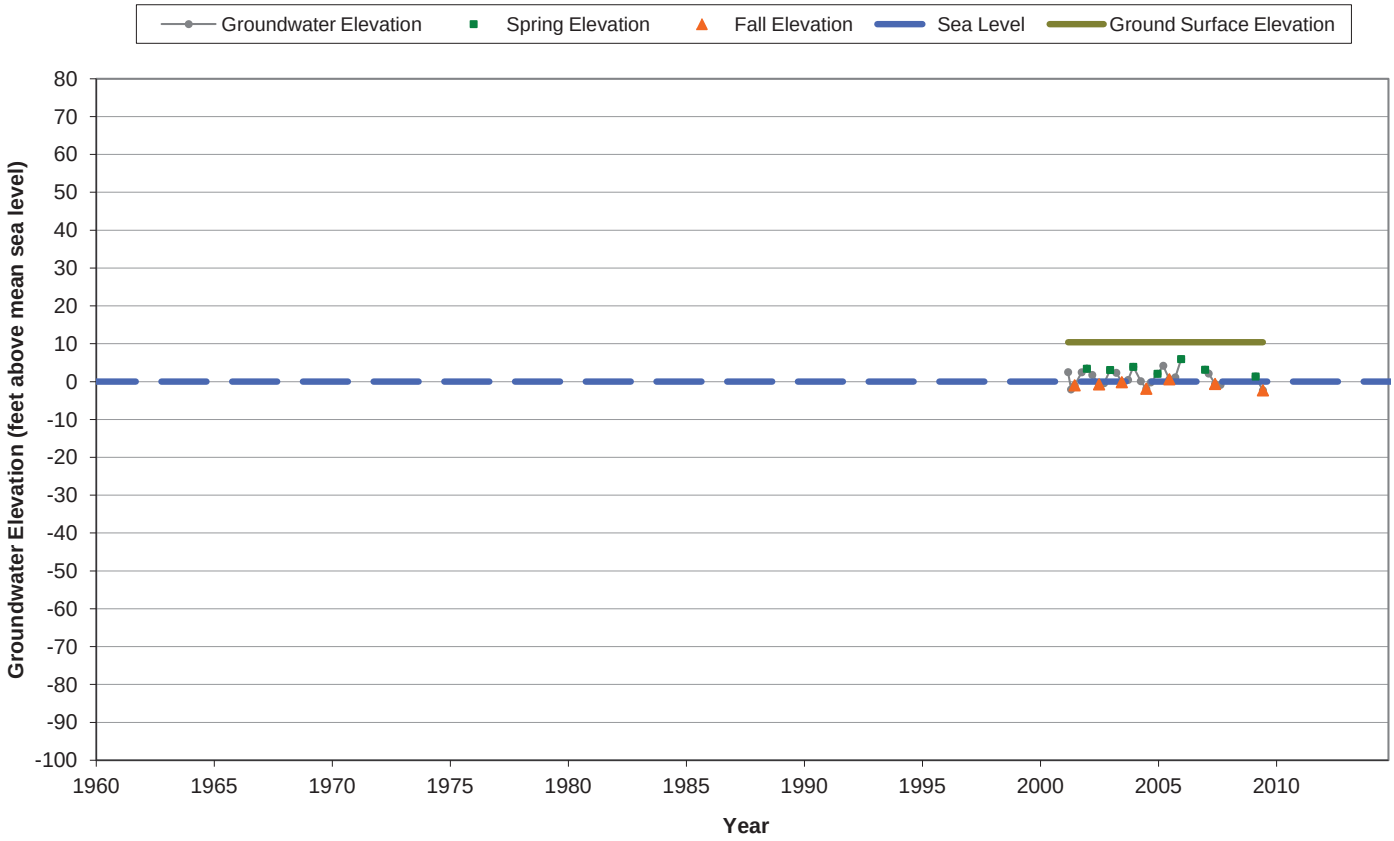
Groundwater-Level Hydrograph
M18-01 (<200 feet)



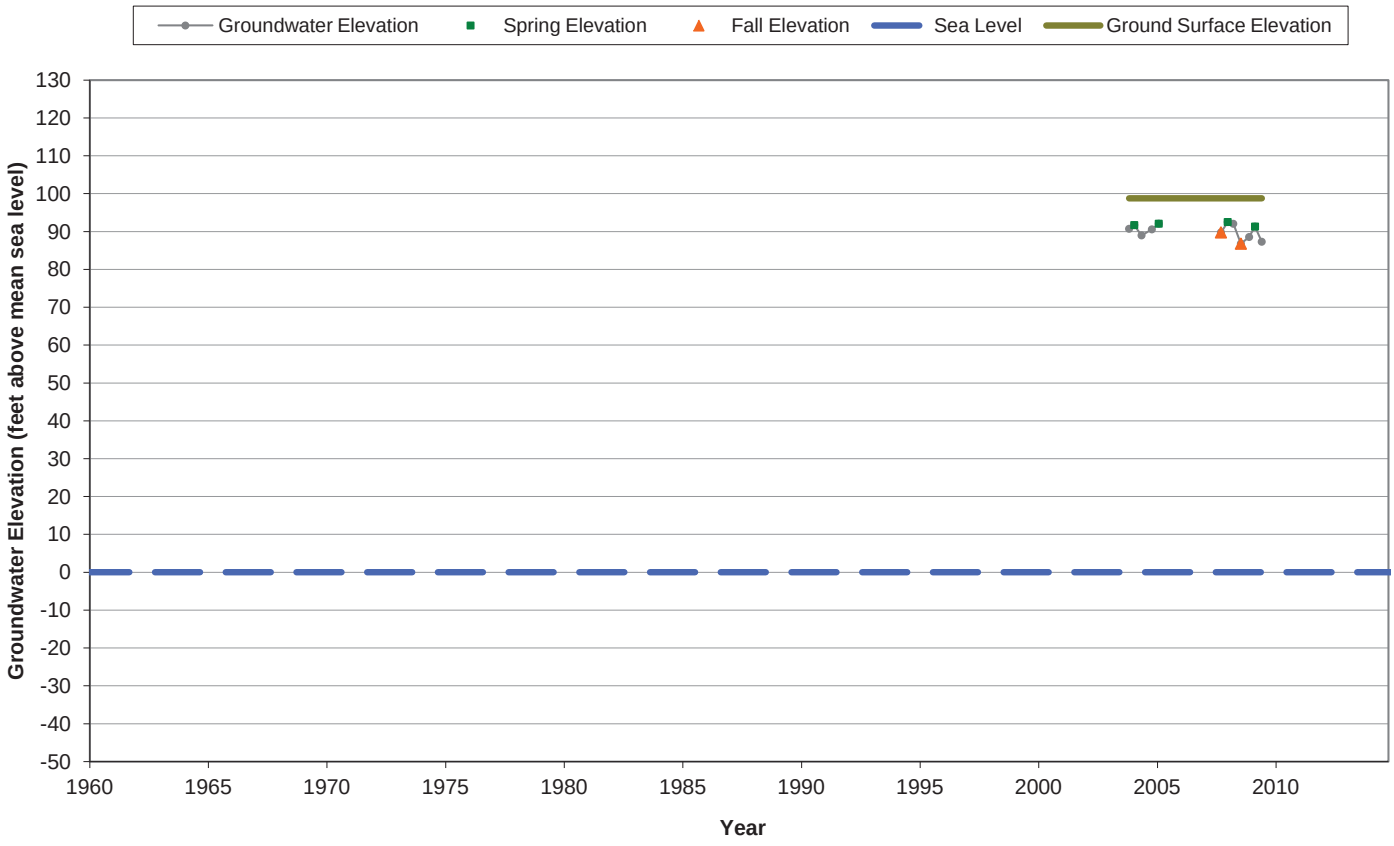
Groundwater-Level Hydrograph
M18-02 (<200 feet)



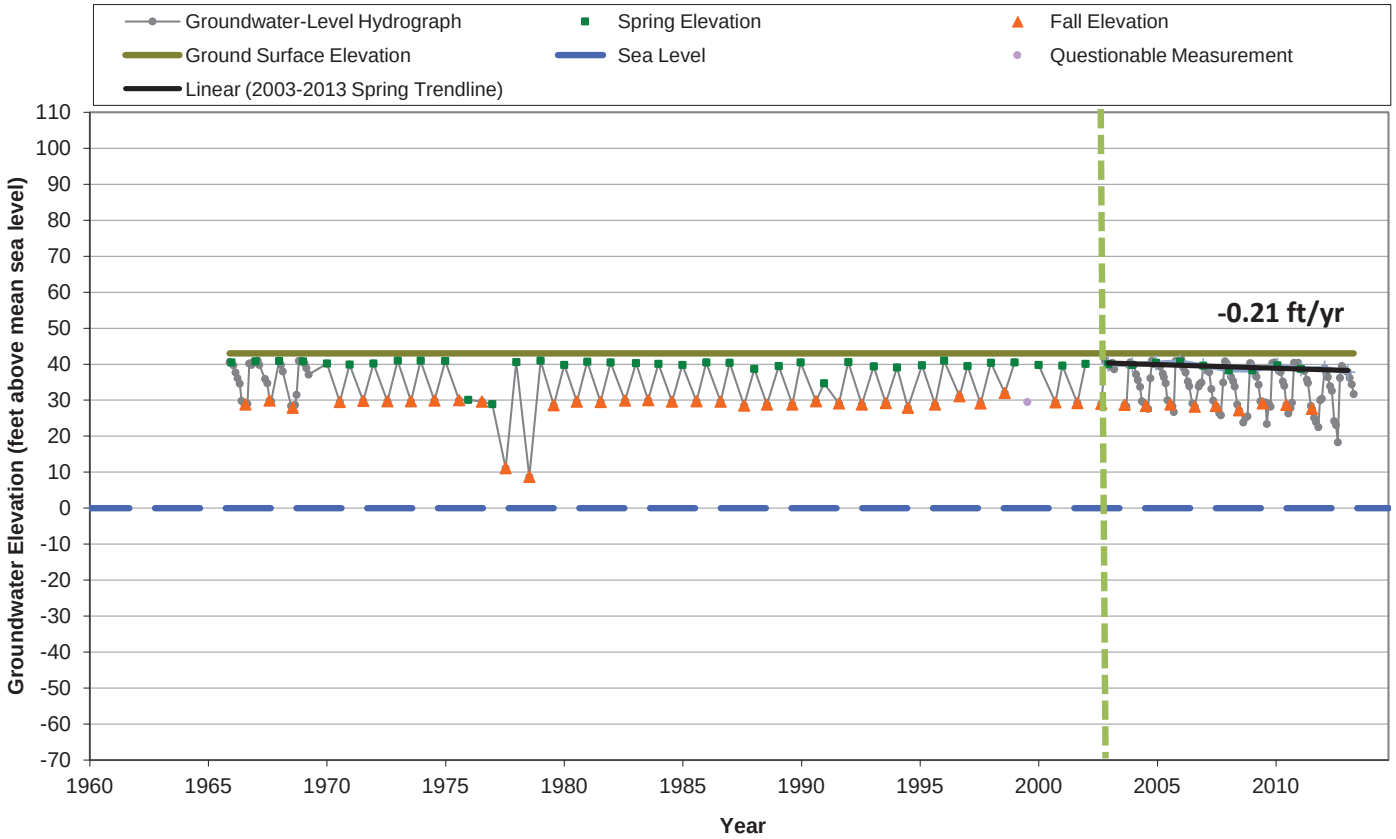
Groundwater-Level Hydrograph
M18-05 (<200 feet)



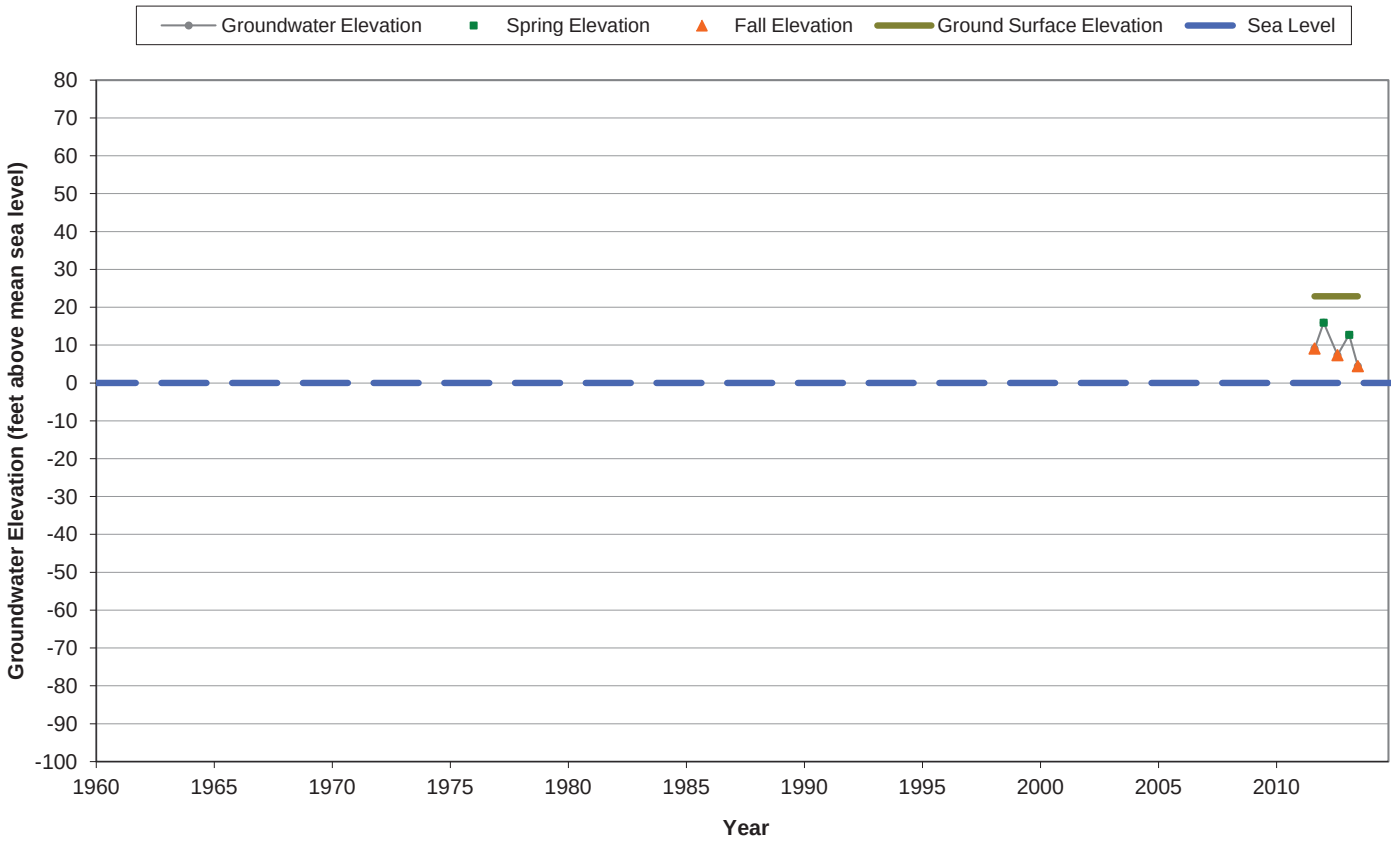
Groundwater-Level Hydrograph
N13-04 (<200 feet)



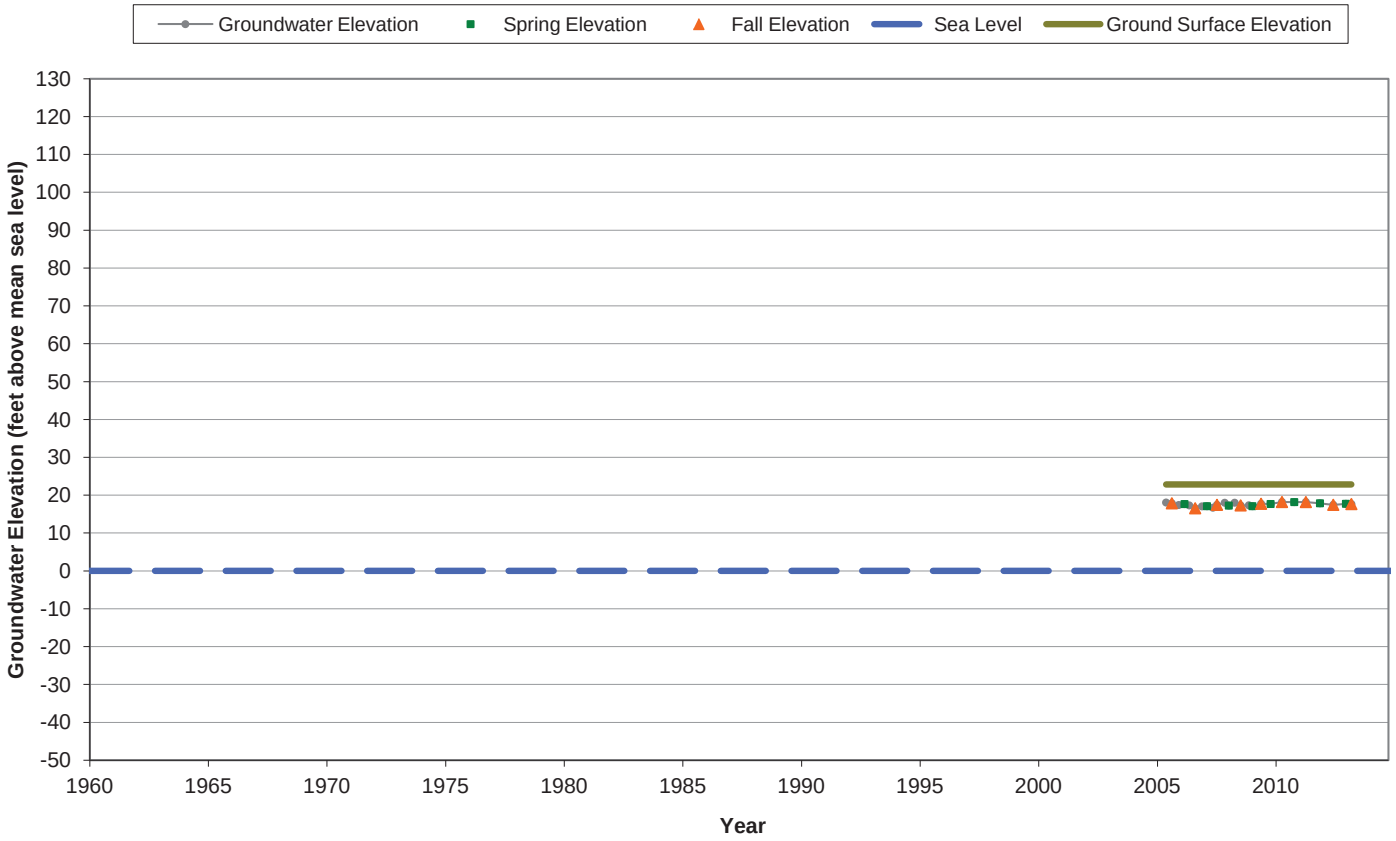
Groundwater-Level Hydrograph
N15-02 (<200 feet)



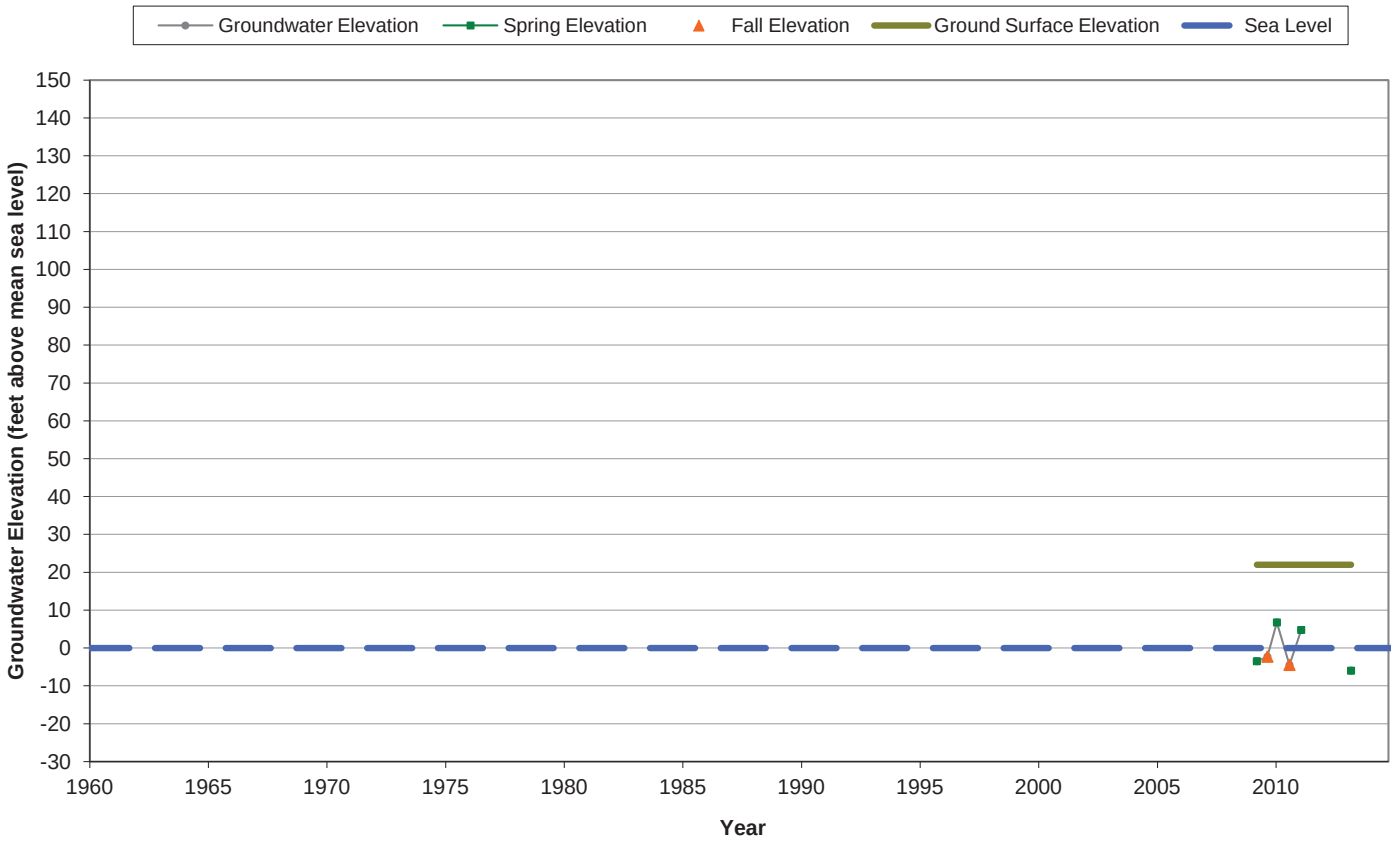
Groundwater-Level Hydrograph
N16-06A (<200 feet)



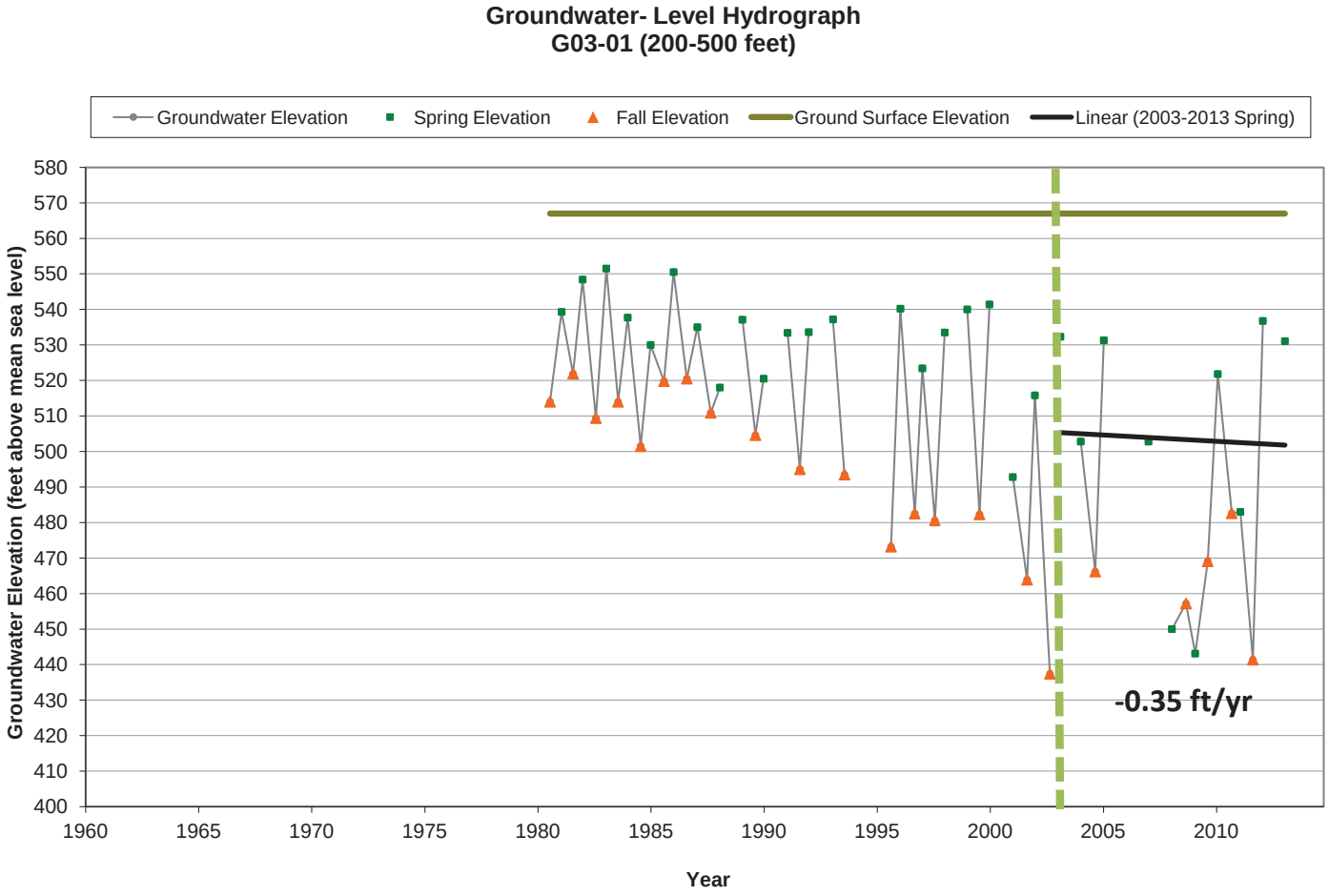
Groundwater-Level Hydrograph
N23-01 (<200 feet)

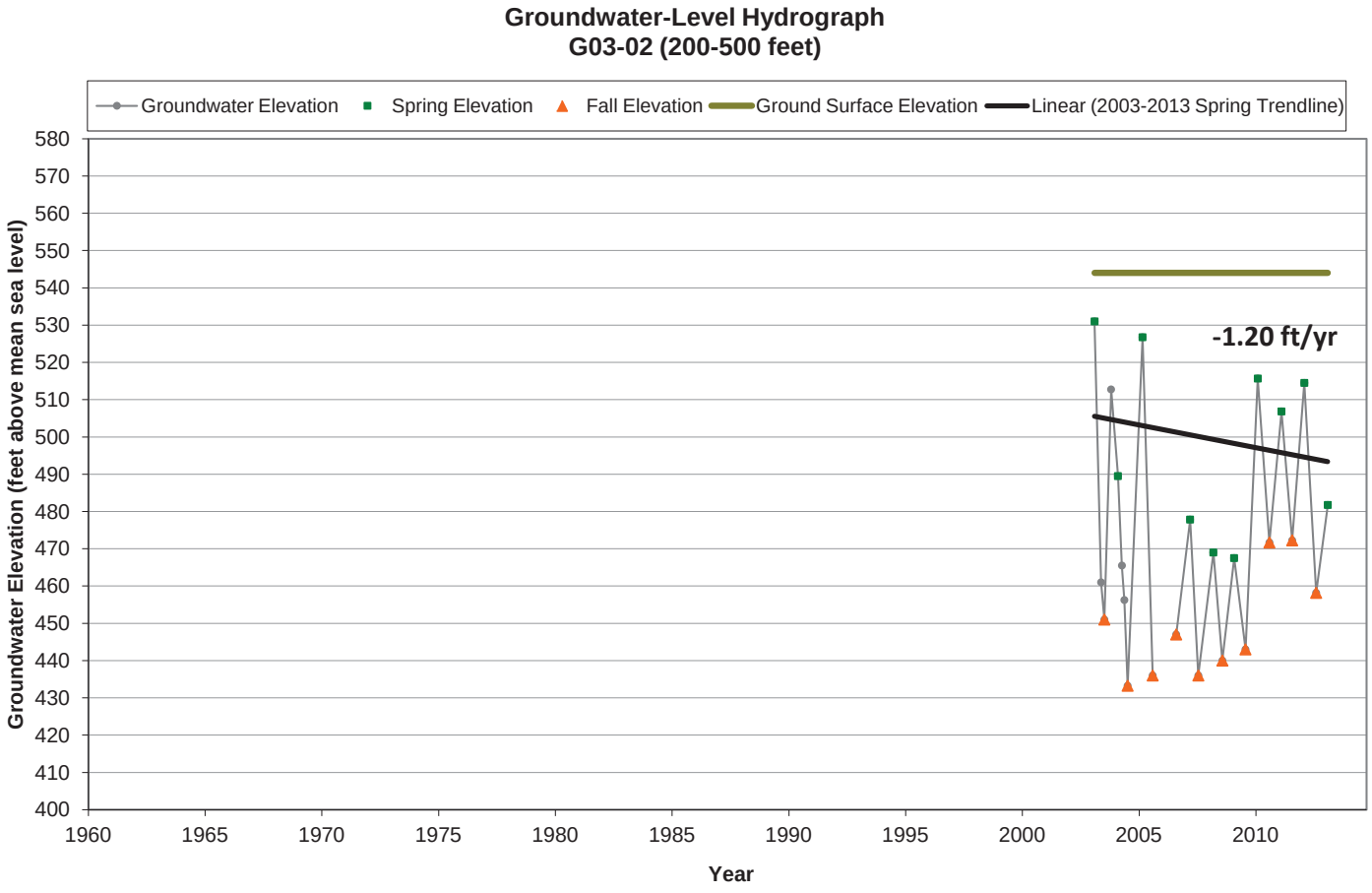


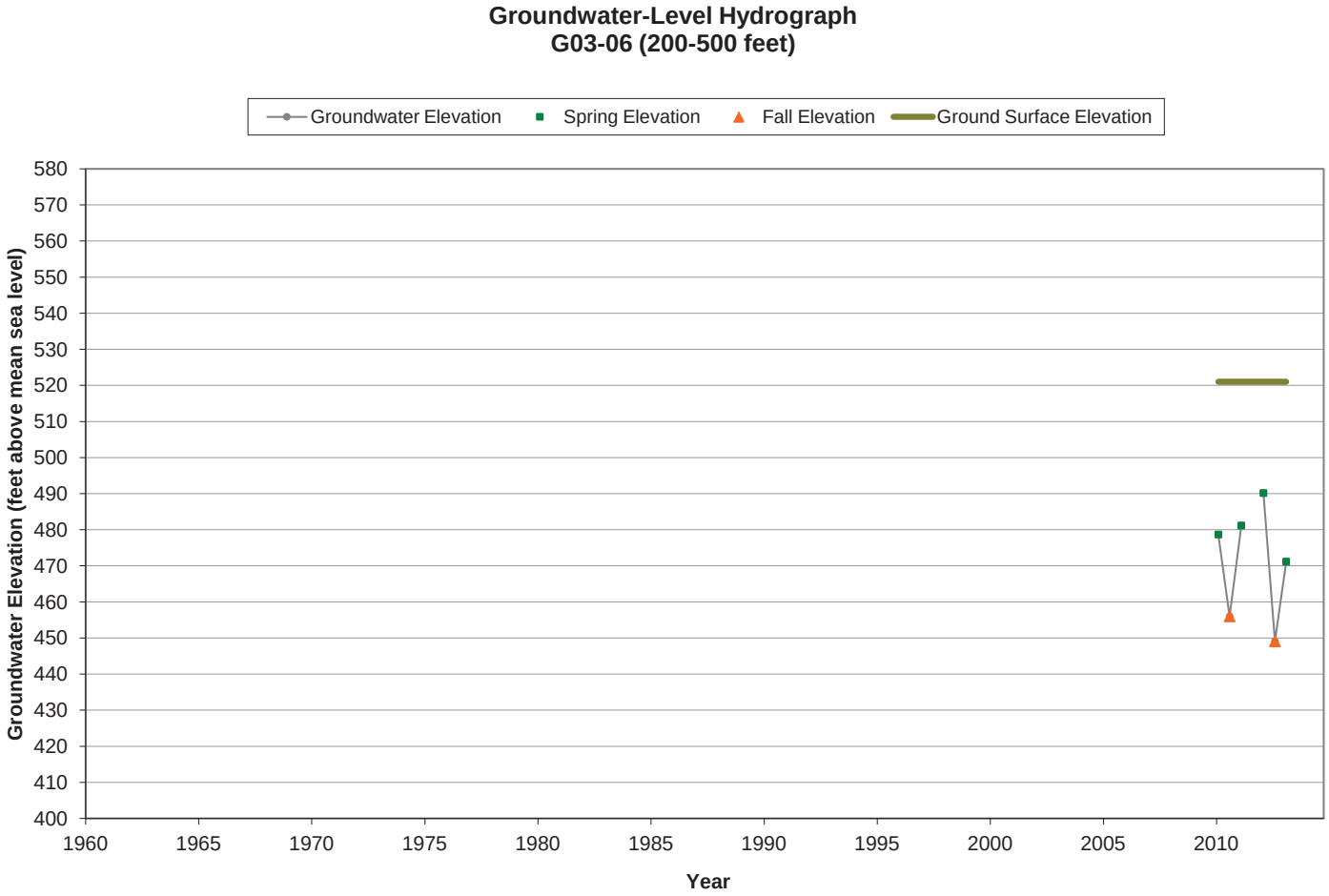
Groundwater-Level Hydrograph
O17-01 (<200 feet)

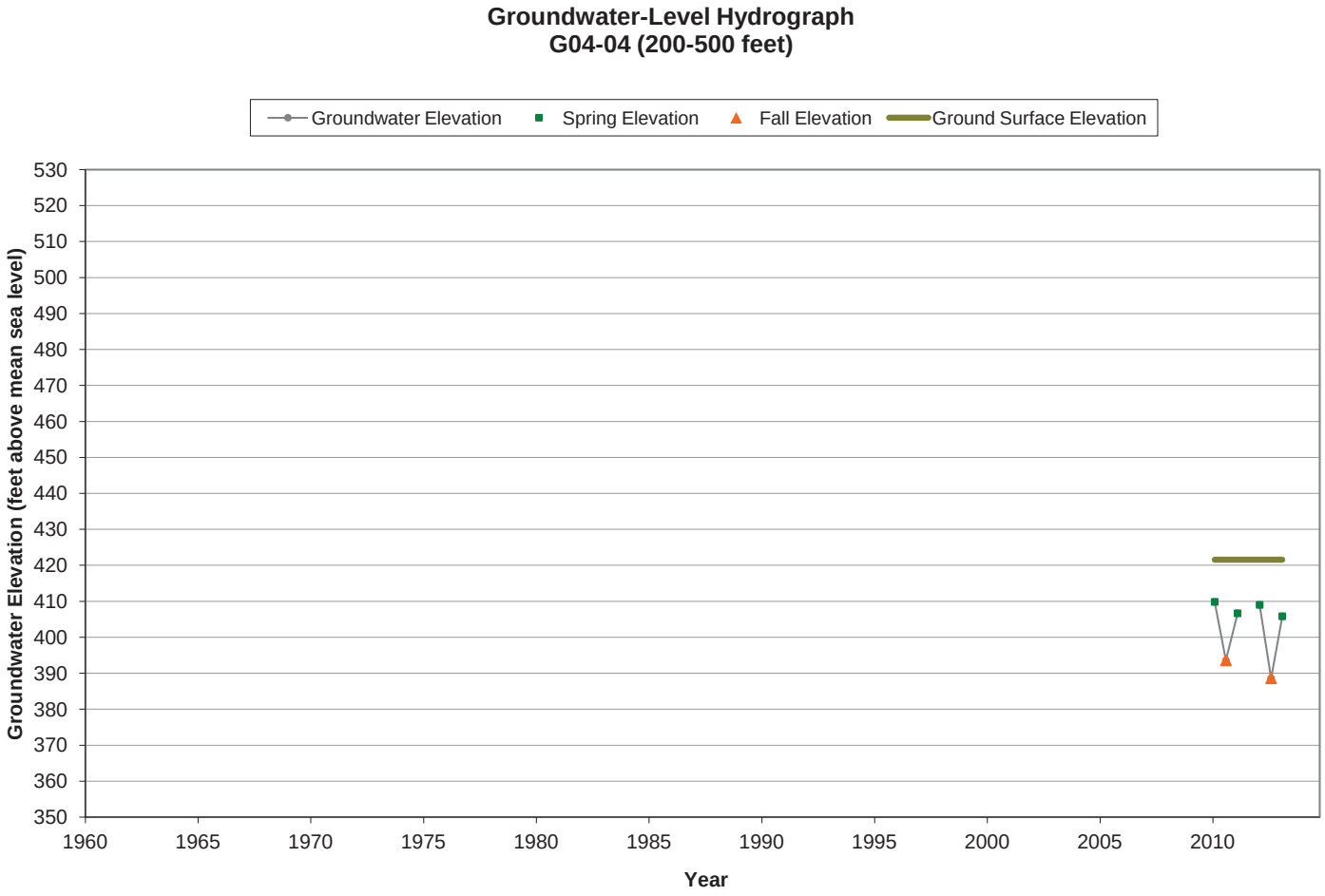


Groundwater Hydrographs
200 – 500 Feet Deep

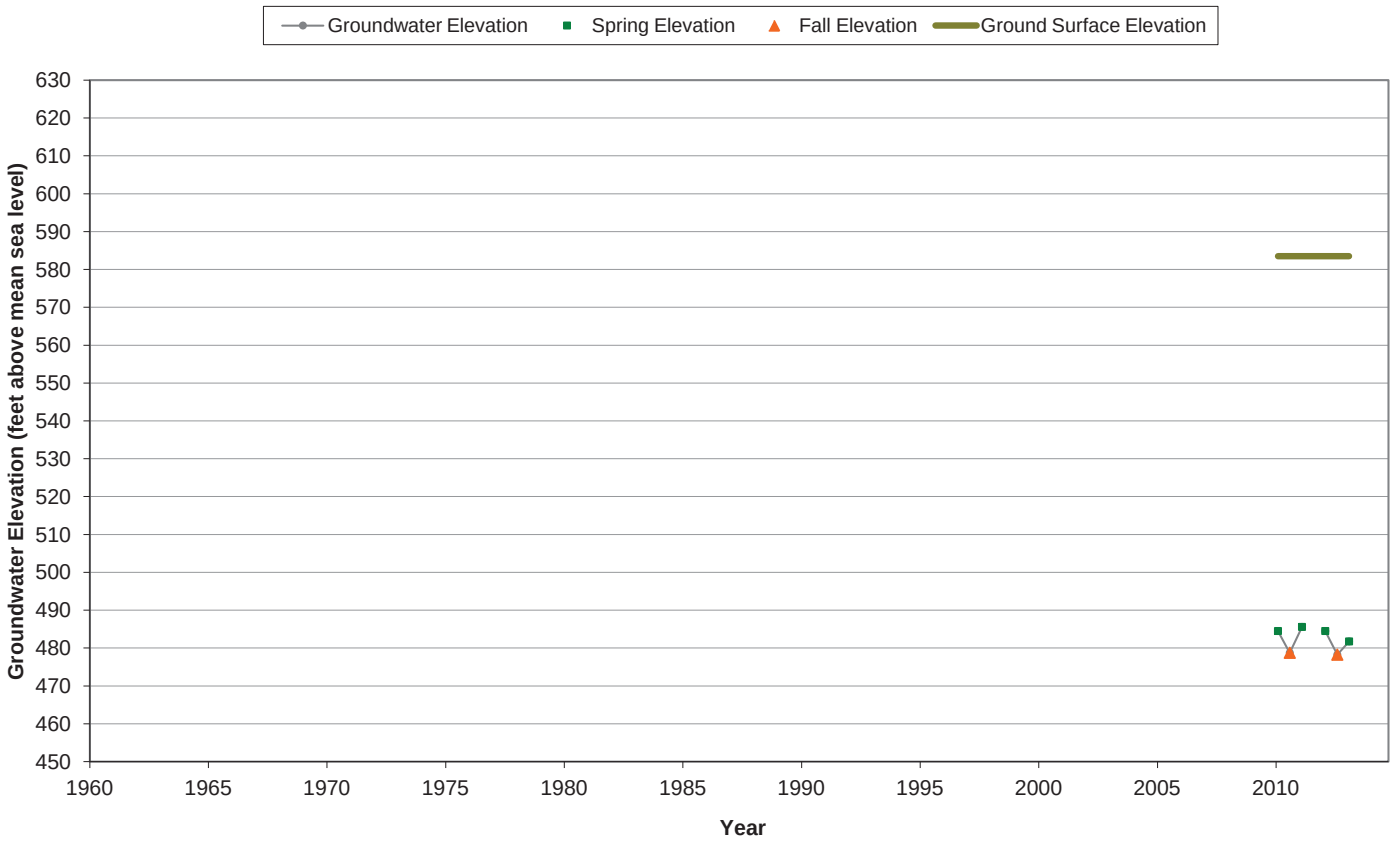

Groundwater- Level Hydrograph
G03-01 (200-500 feet)
Groundwater Elevation
Spring Elevation
Fall Elevation
Ground Surface Elevation
Linear (2003-2013 Spring)
Groundwater Elevation (feet above mean sea level)
580
570
560
550
540
530
520
510
500
490
480
470
460
450
440
430
420
410
400
1960
1965
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year
-0.35 ft/yr


Groundwater-Level Hydrograph
G03-02 (200-500 feet)
Groundwater Elevation
Spring Elevation
Fall Elevation
Ground Surface Elevation
Linear (2003-2013 Spring Trendline)
Groundwater Elevation (feet above mean sea level)
580
570
560
550
540
530
520
510
500
490
480
470
460
450
440
430
420
410
400
1960
1965
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year
-1.20 ft/yr

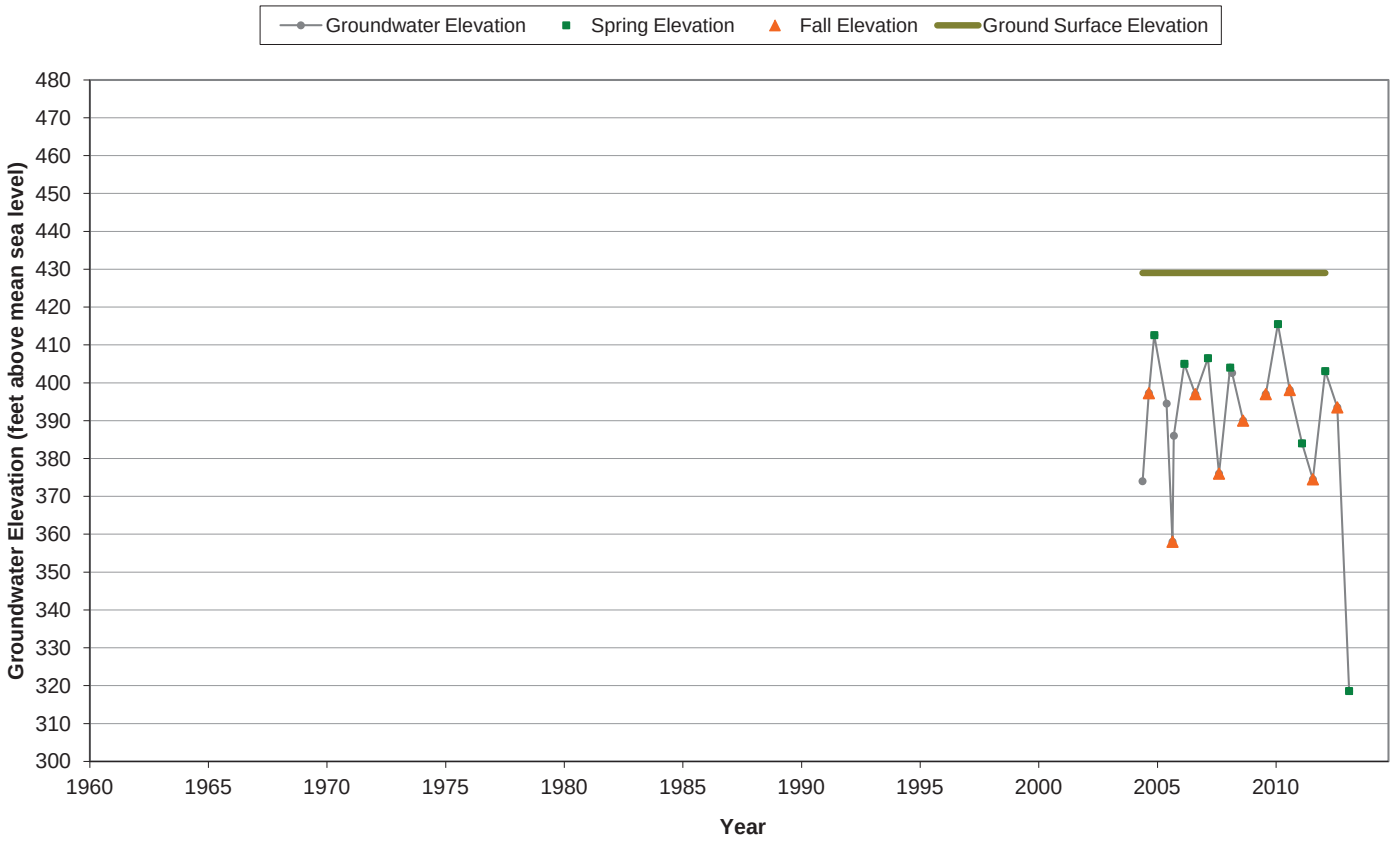

Groundwater-Level Hydrograph
G03-06 (200-500 feet)
Groundwater Elevation
Spring Elevation
Fall Elevation
Ground Surface Elevation
Groundwater Elevation (feet above mean sea level)
580
570
560
550
540
530
520
510
500
490
480
470
460
450
440
430
420
410
400
1960
1965
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year


Groundwater-Level Hydrograph
G04-04 (200-500 feet)
Groundwater Elevation
Spring Elevation
Fall Elevation
Ground Surface Elevation
Groundwater Elevation (feet above mean sea level)
530
520
510
500
490
480
470
460
450
440
430
420
410
400
390
380
370
360
350
1960
1965
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year

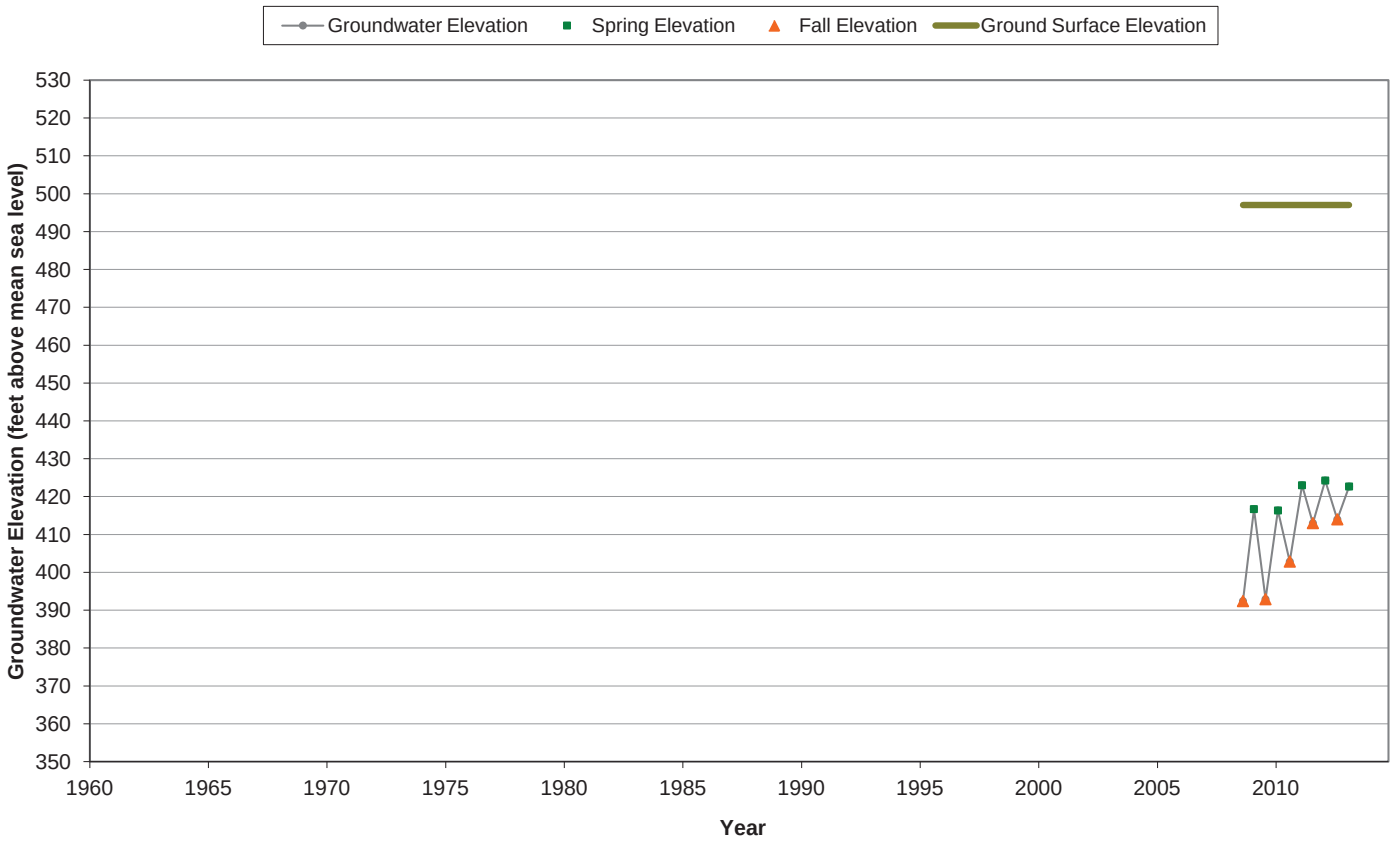
Groundwater-Level Hydrograph
G05-02 (200-500 feet)



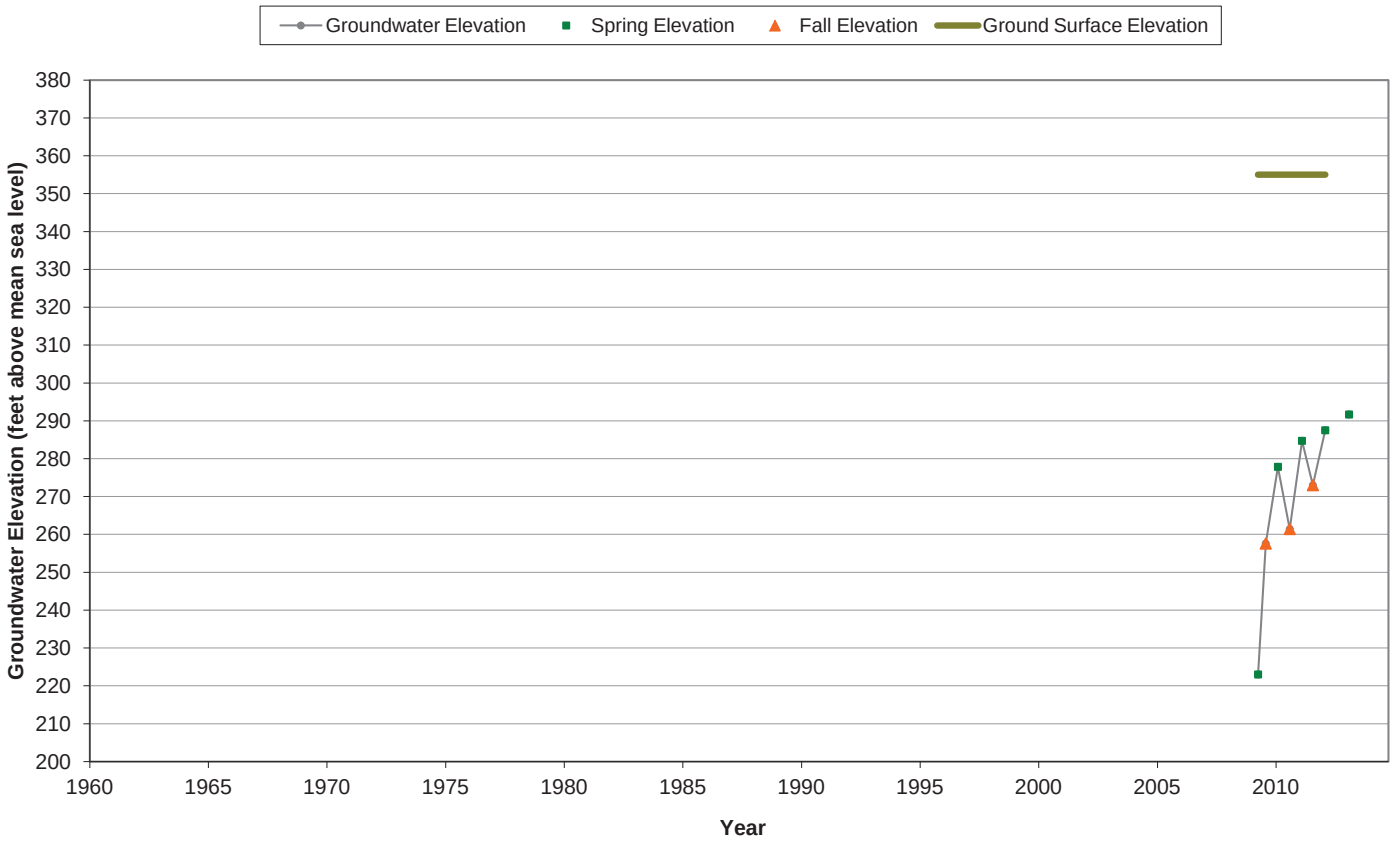
Groundwater-Level Hydrograph
H04-04 (200-500 feet)



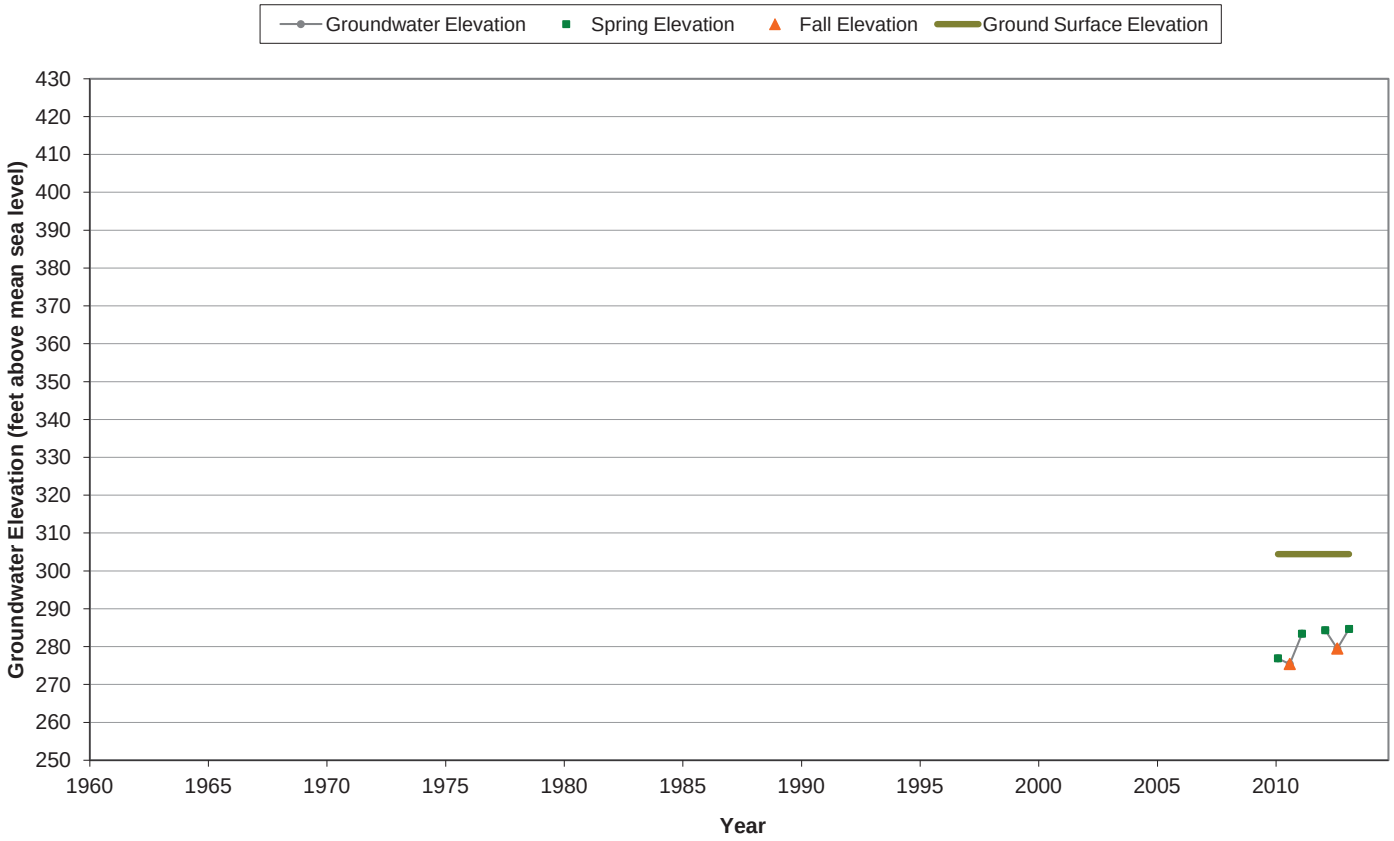
Groundwater-Level Hydrograph
H05-01 (200-500 feet)



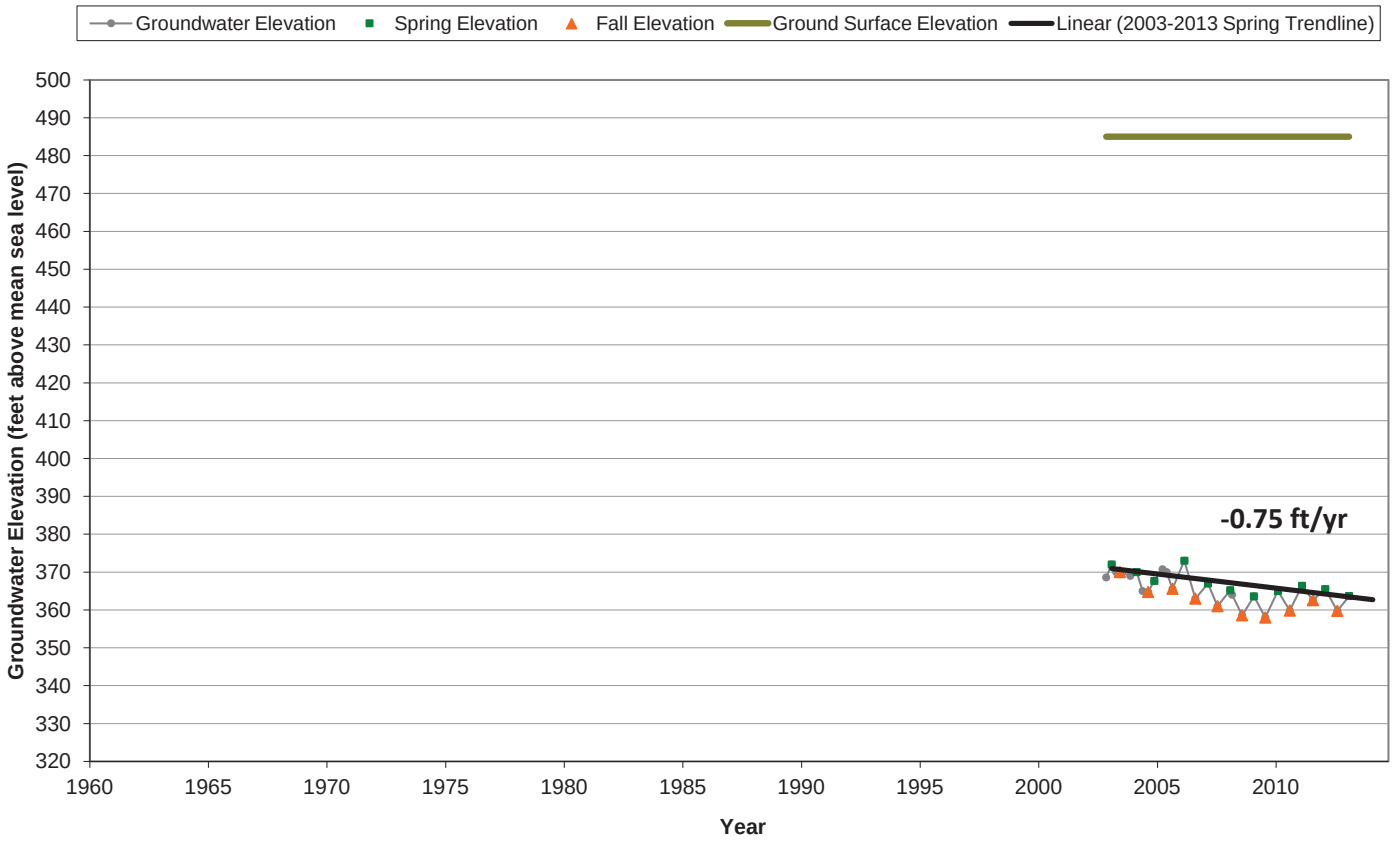
Groundwater-Level Hydrograph
H08-02 (200-500 feet)



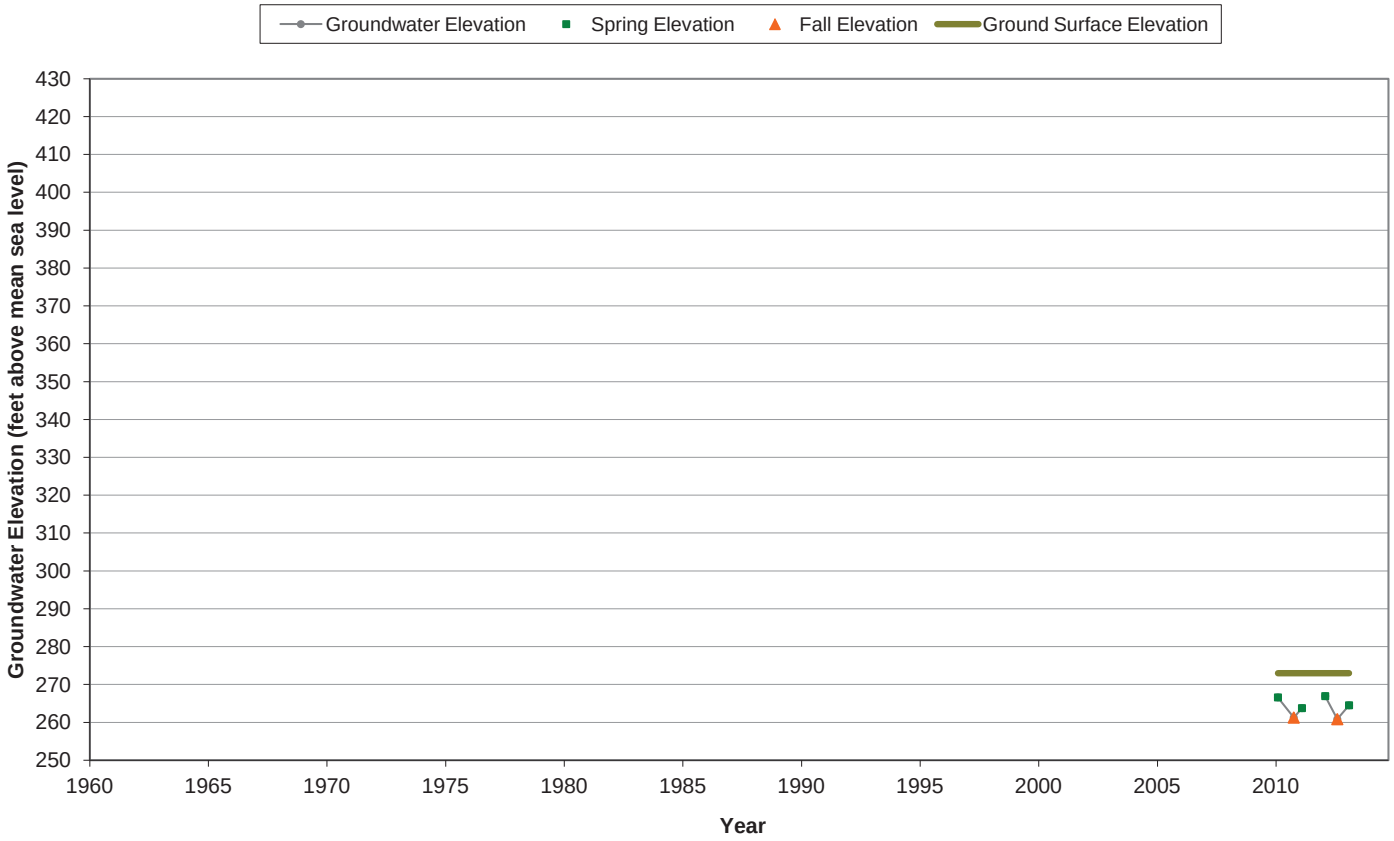
Groundwater-Level Hydrograph
H08-03 (200-500 feet)



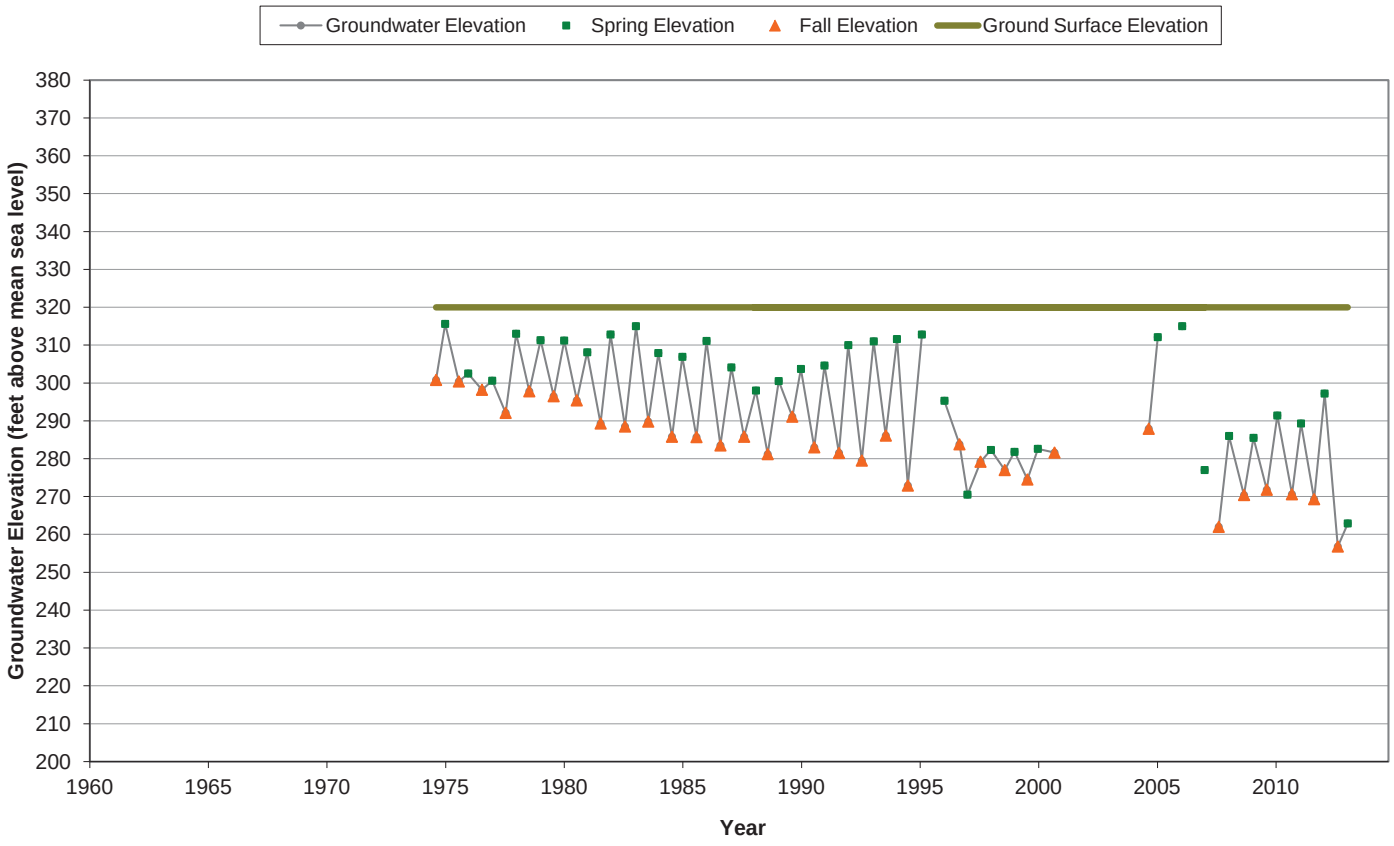
Groundwater-Level Hydrograph
I06-01 (200-500 feet)



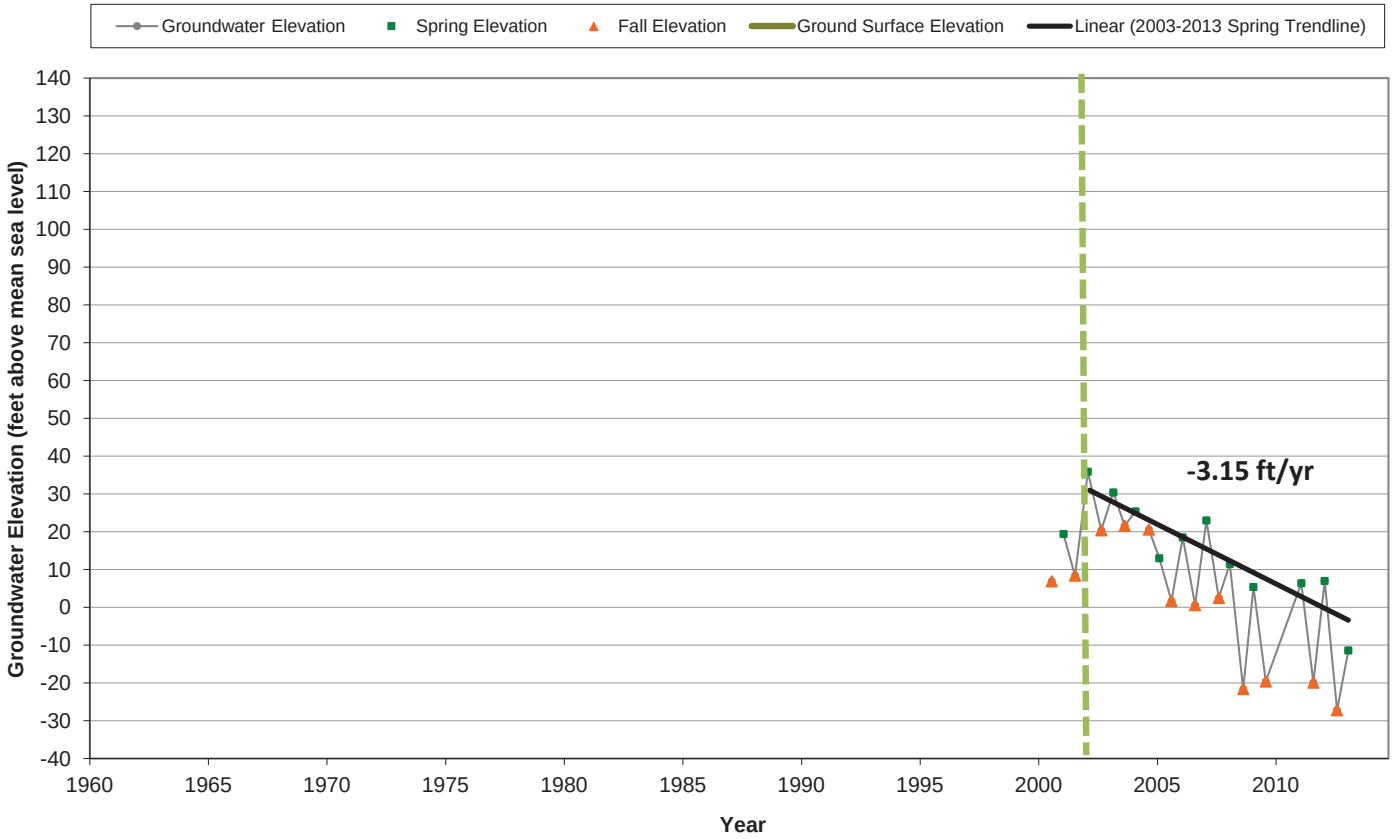
Groundwater-Level Hydrograph
I07-02 (200-500 feet)



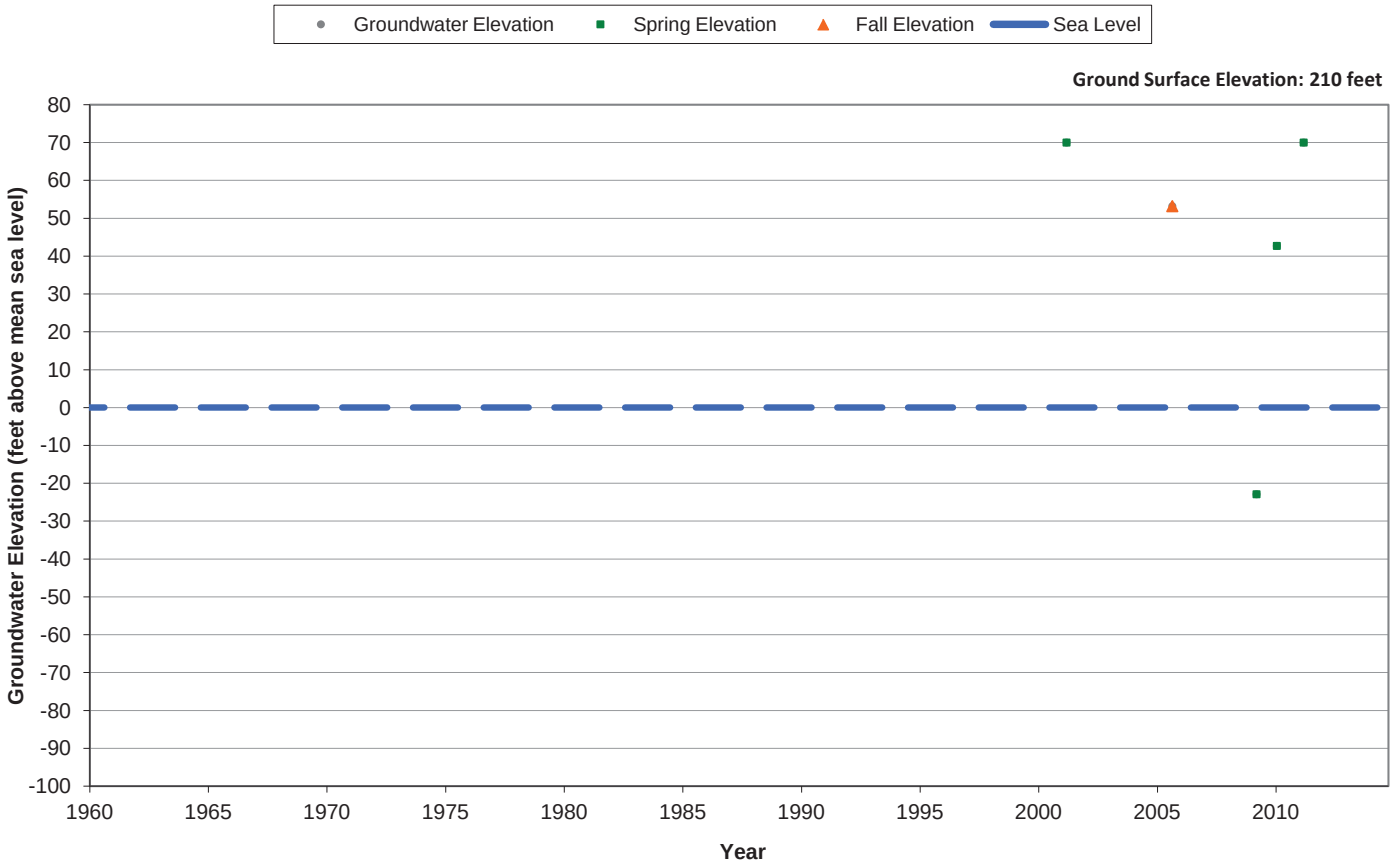
Groundwater-Level Hydrograph
J07-03 (200-500 feet)



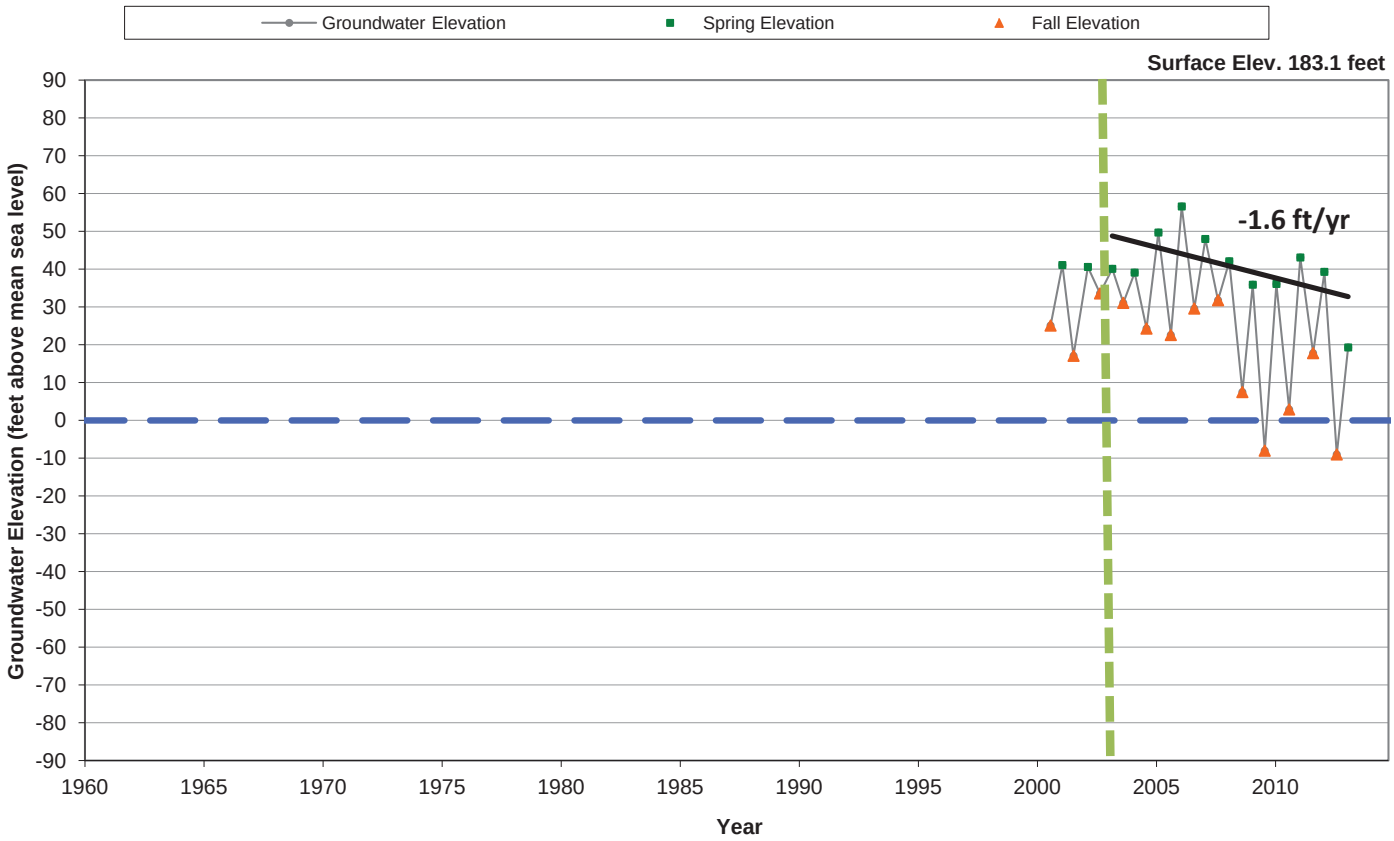
Groundwater-Level Elevation
J13-02 (200-500 feet)



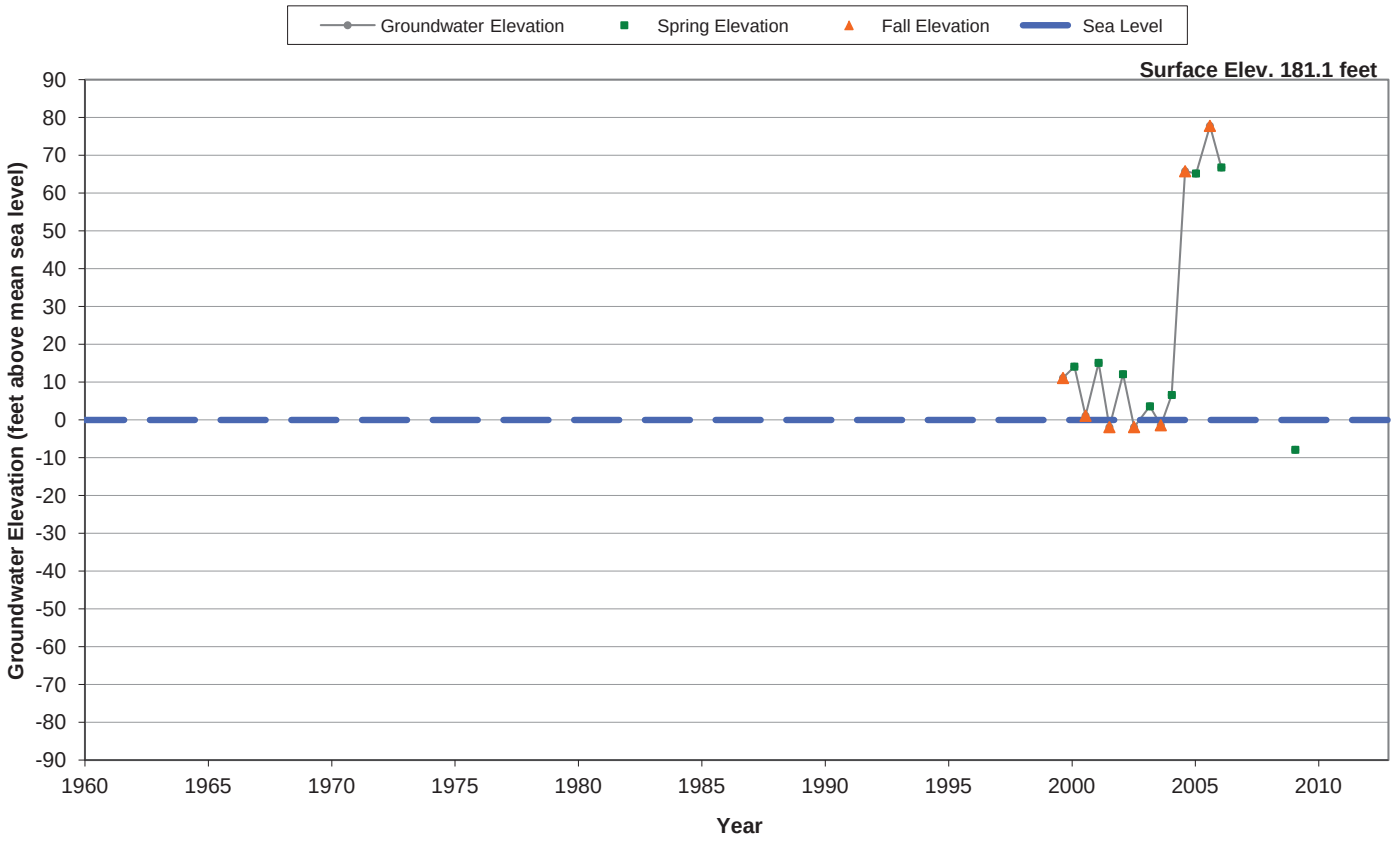
Groundwater-Level Hydrograph
J13-04 (200-500 feet)



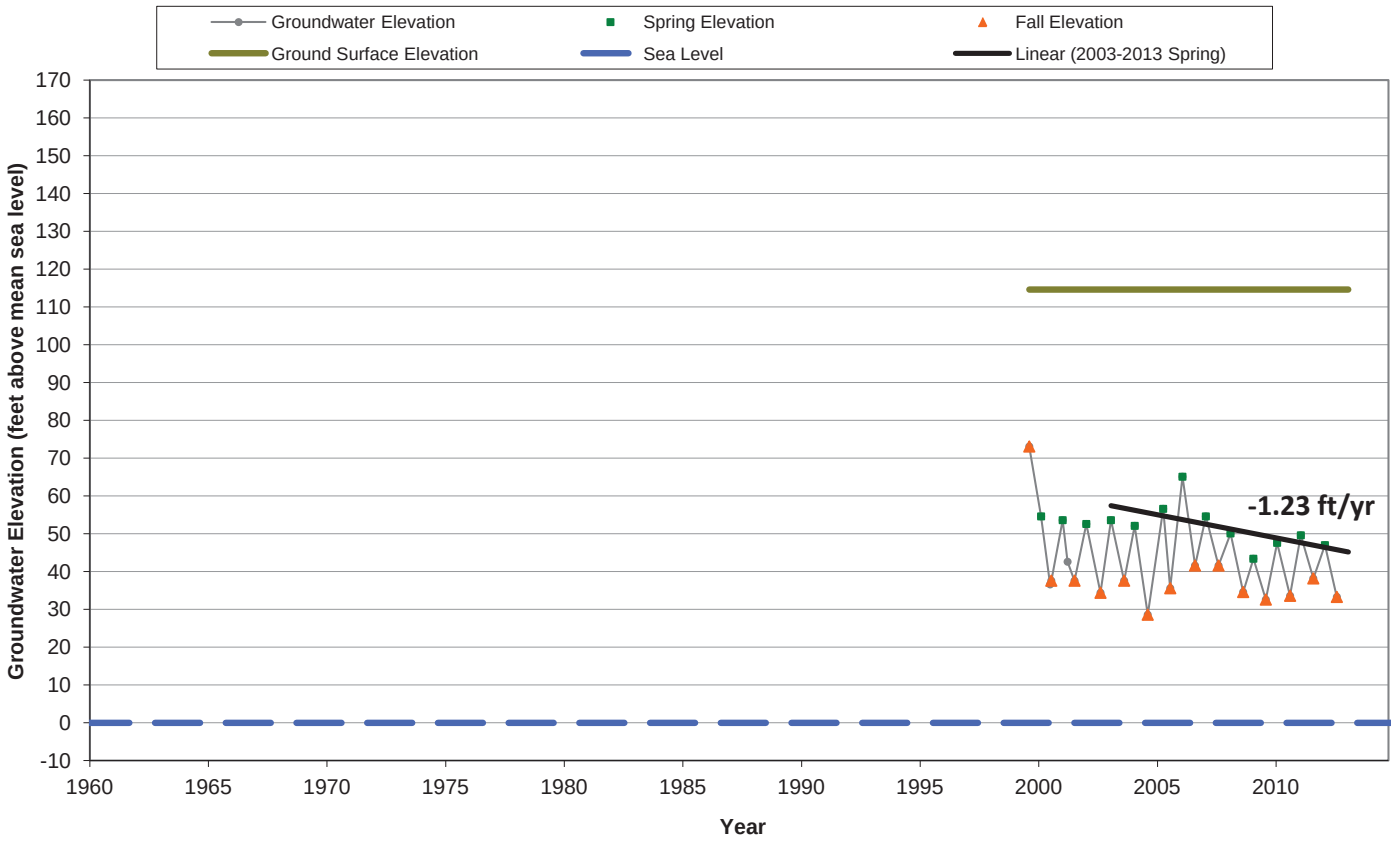
Groundwater-Level Hydrograph
K13-08 (200-500 feet)



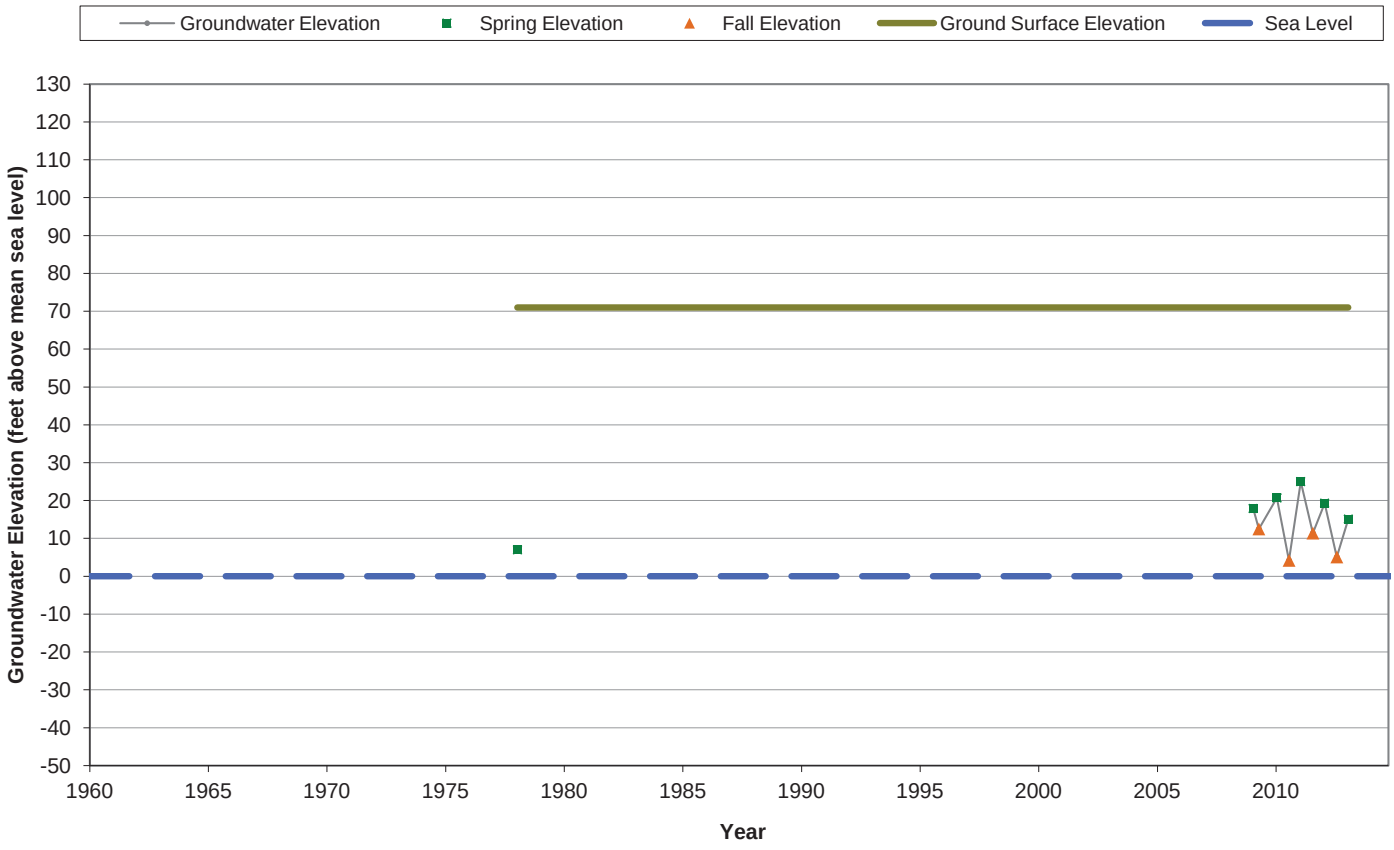
Groundwater-Level Hydrograph
K14-03 (200-500 feet)



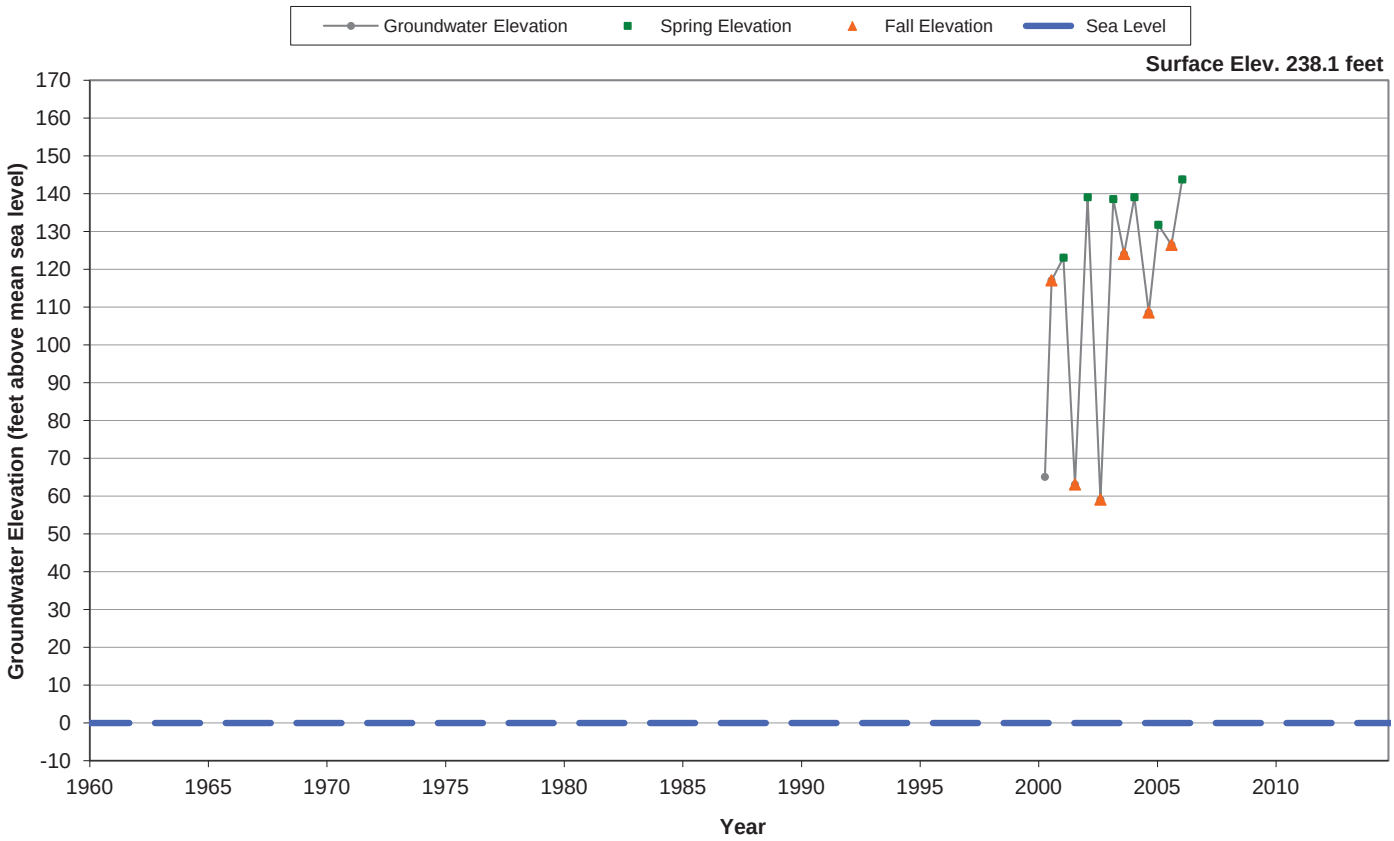
Groundwater-Level Hydrograph
K15-02 (200-500 feet)



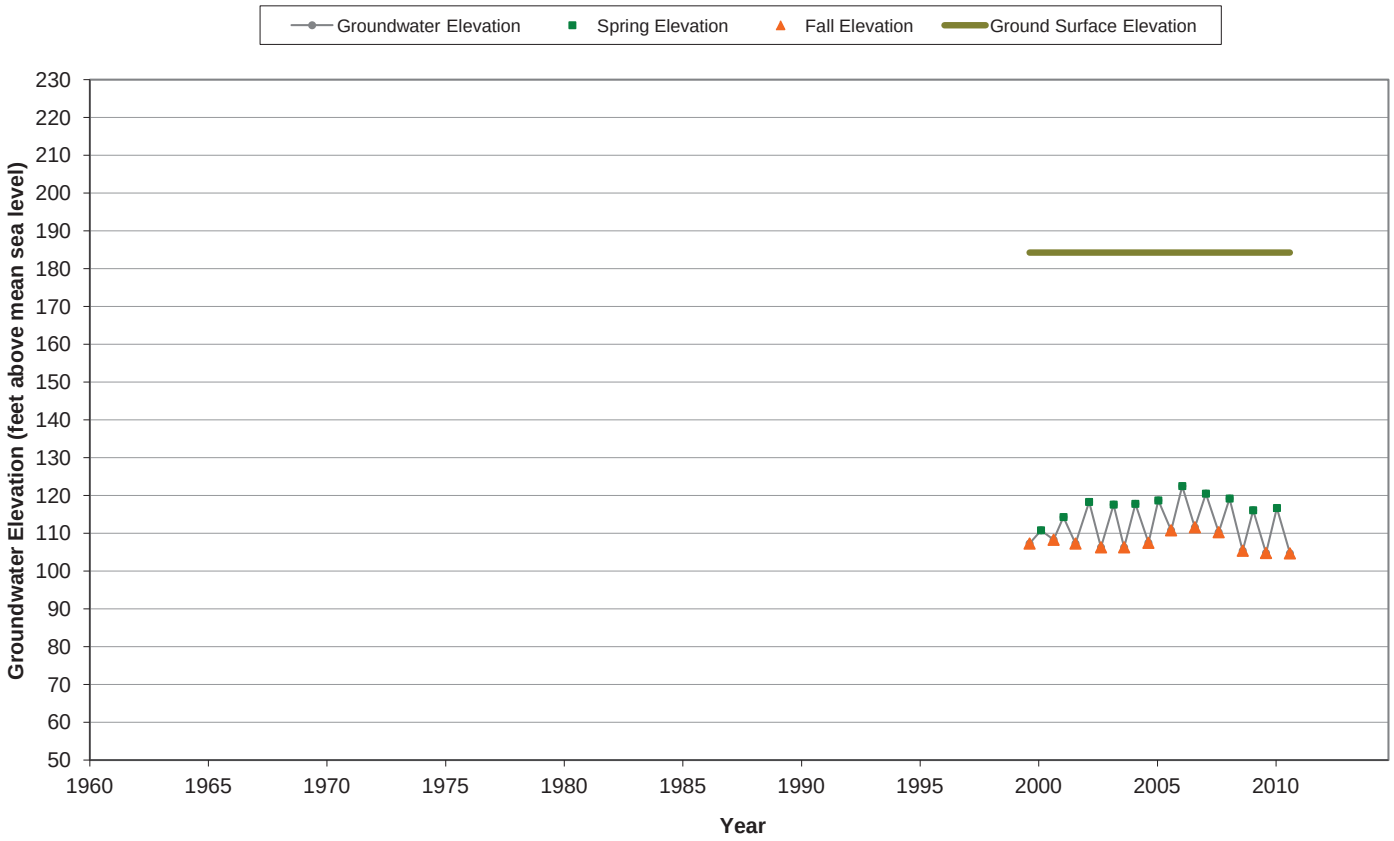
Groundwater-Level Hydrograph
K15-09 (200-500 feet)



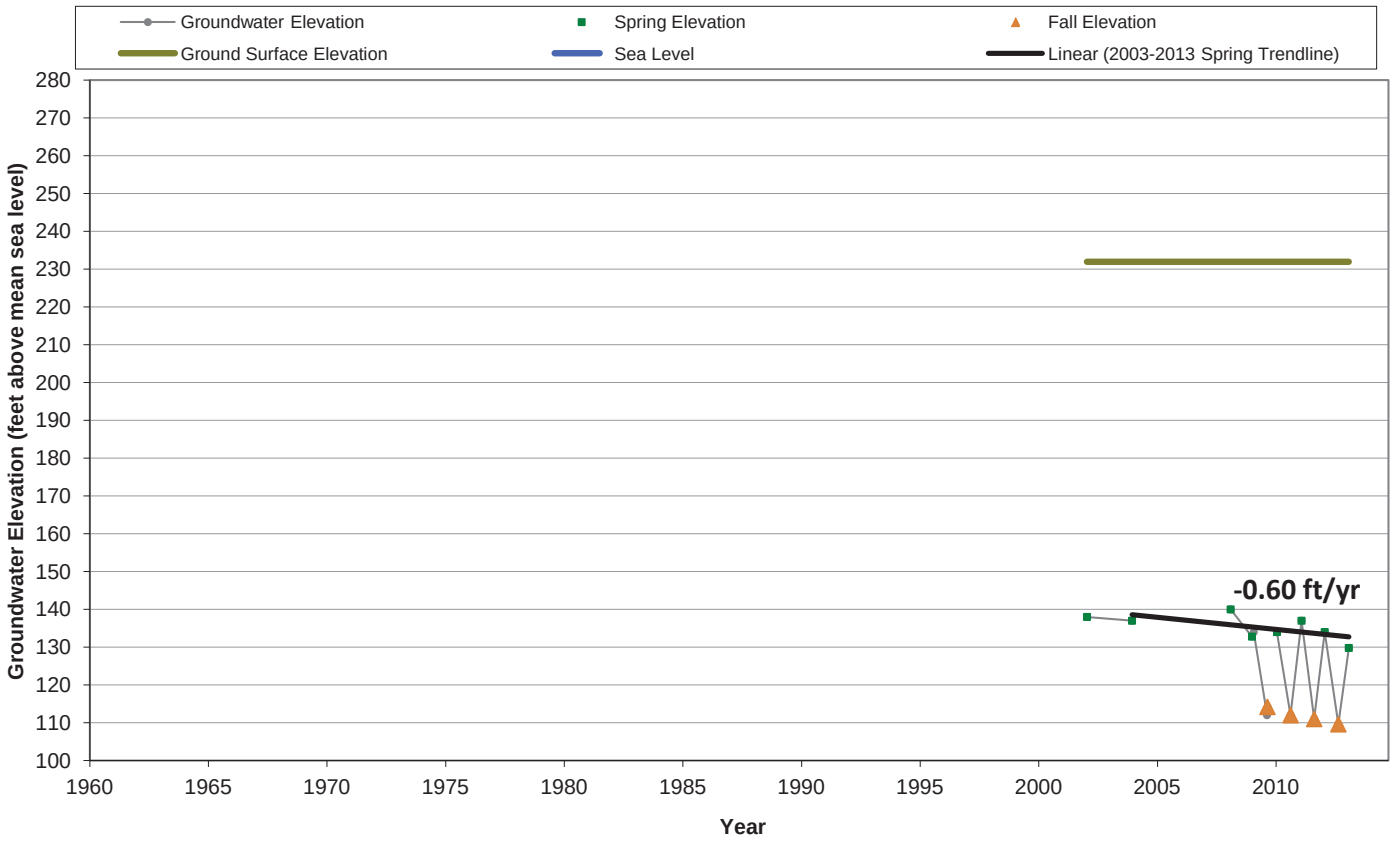
Groundwater-Level Hydrograph
L11-02 (200-500 feet)



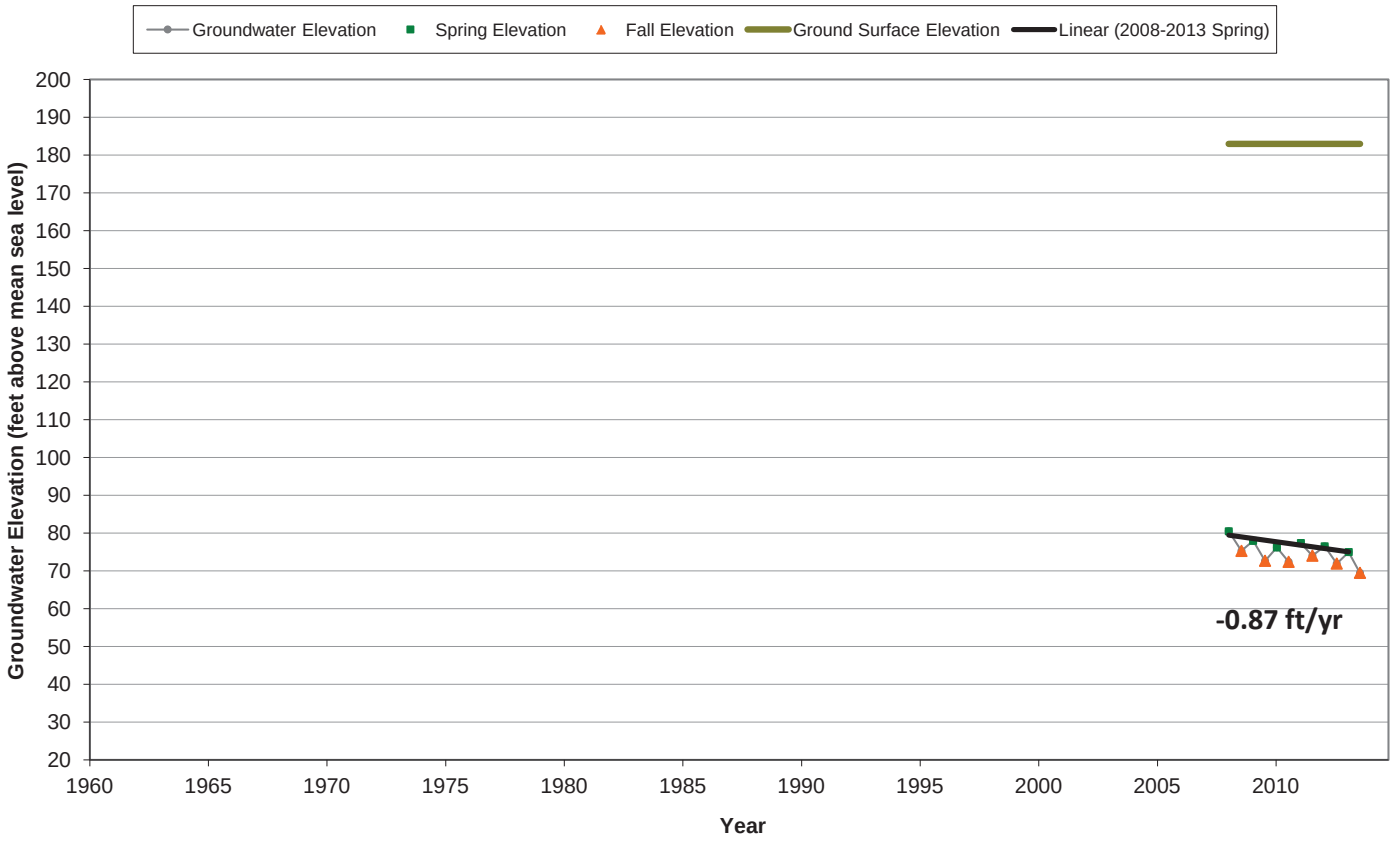
Groundwater-Level Hydrograph
L11-03 (200-500 feet)



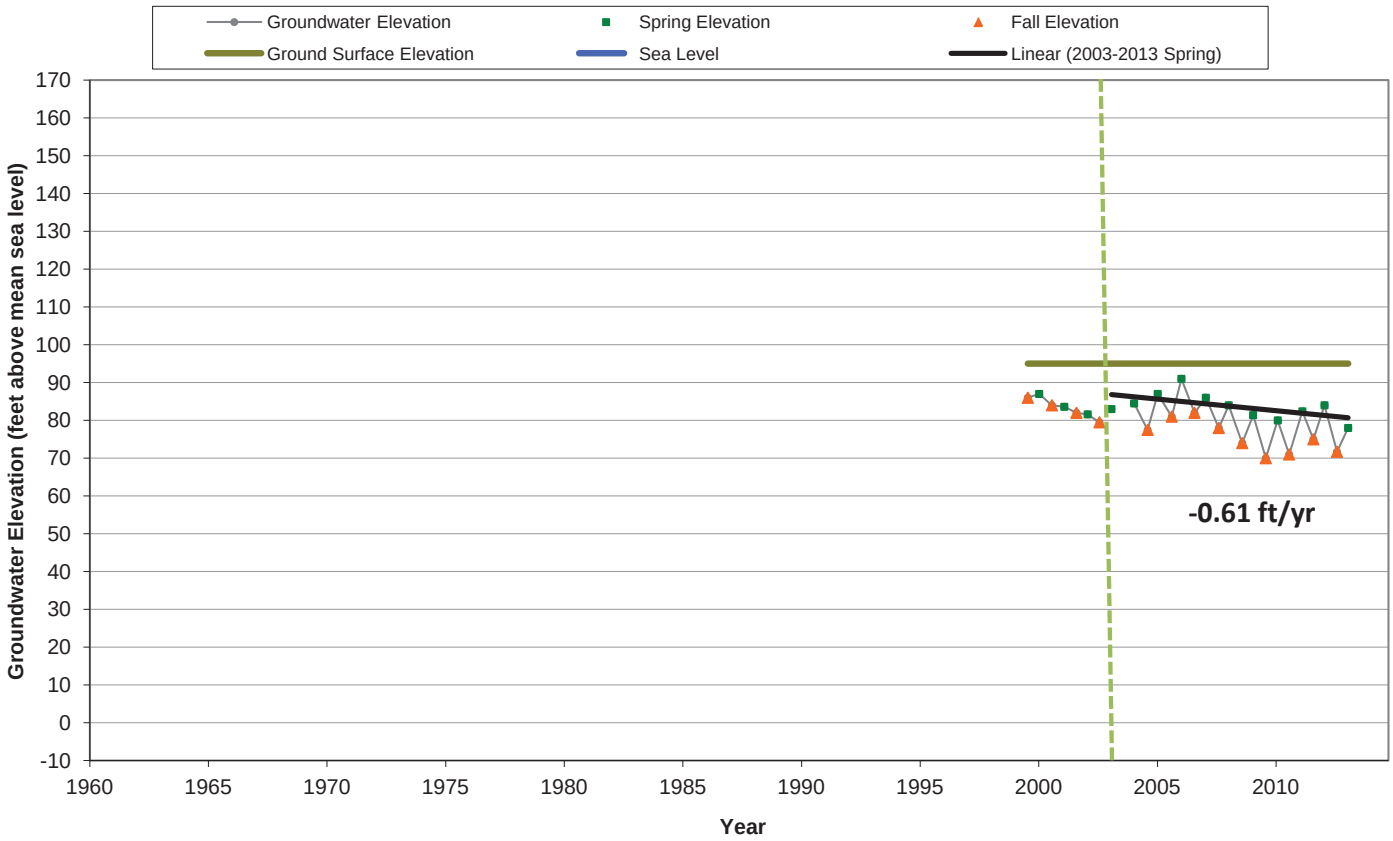
Groundwater-Level Hydrograph
L11-06 (200-500 feet)



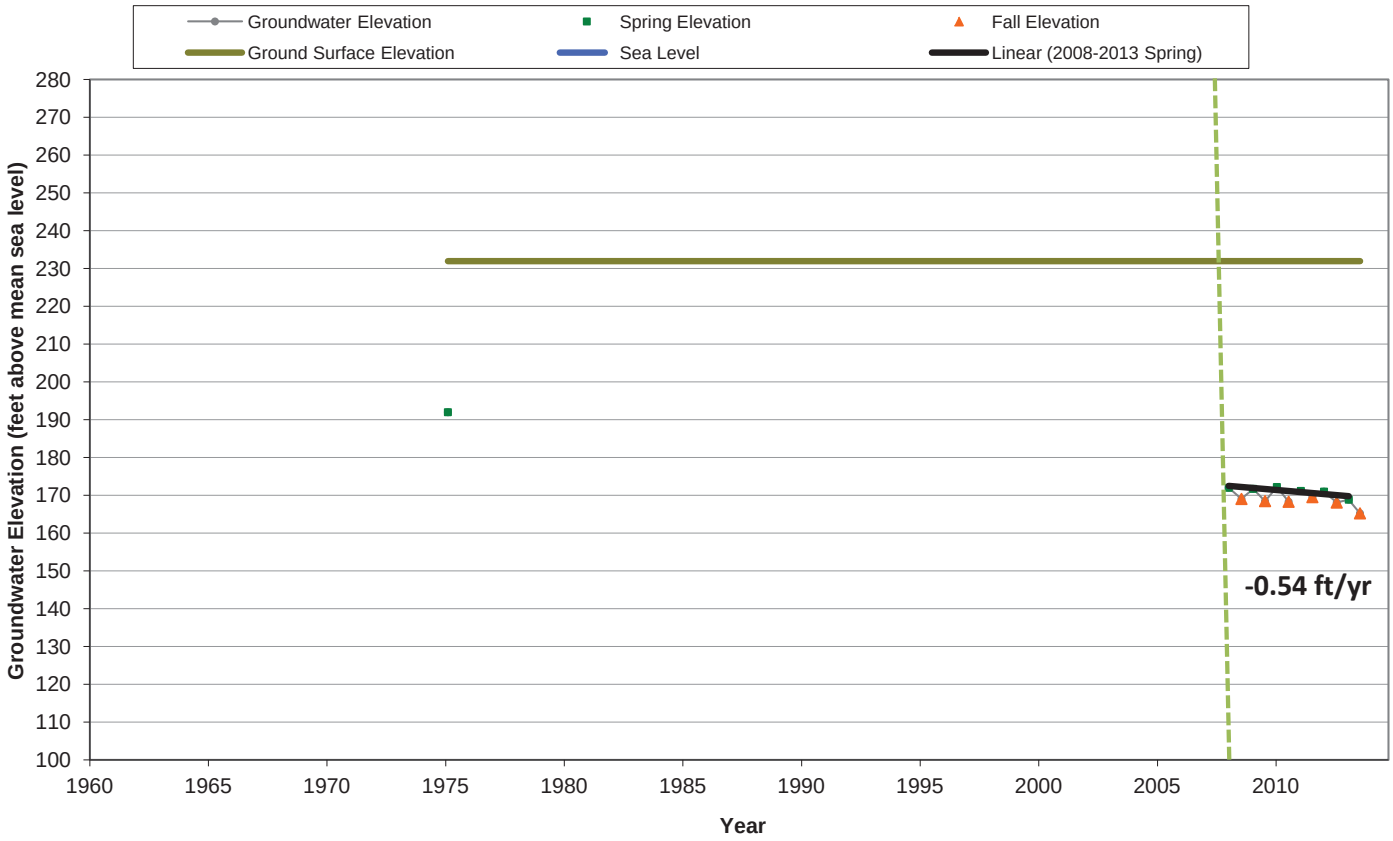
Groundwater-Level Hydrograph
L12-02 (200-500 feet)



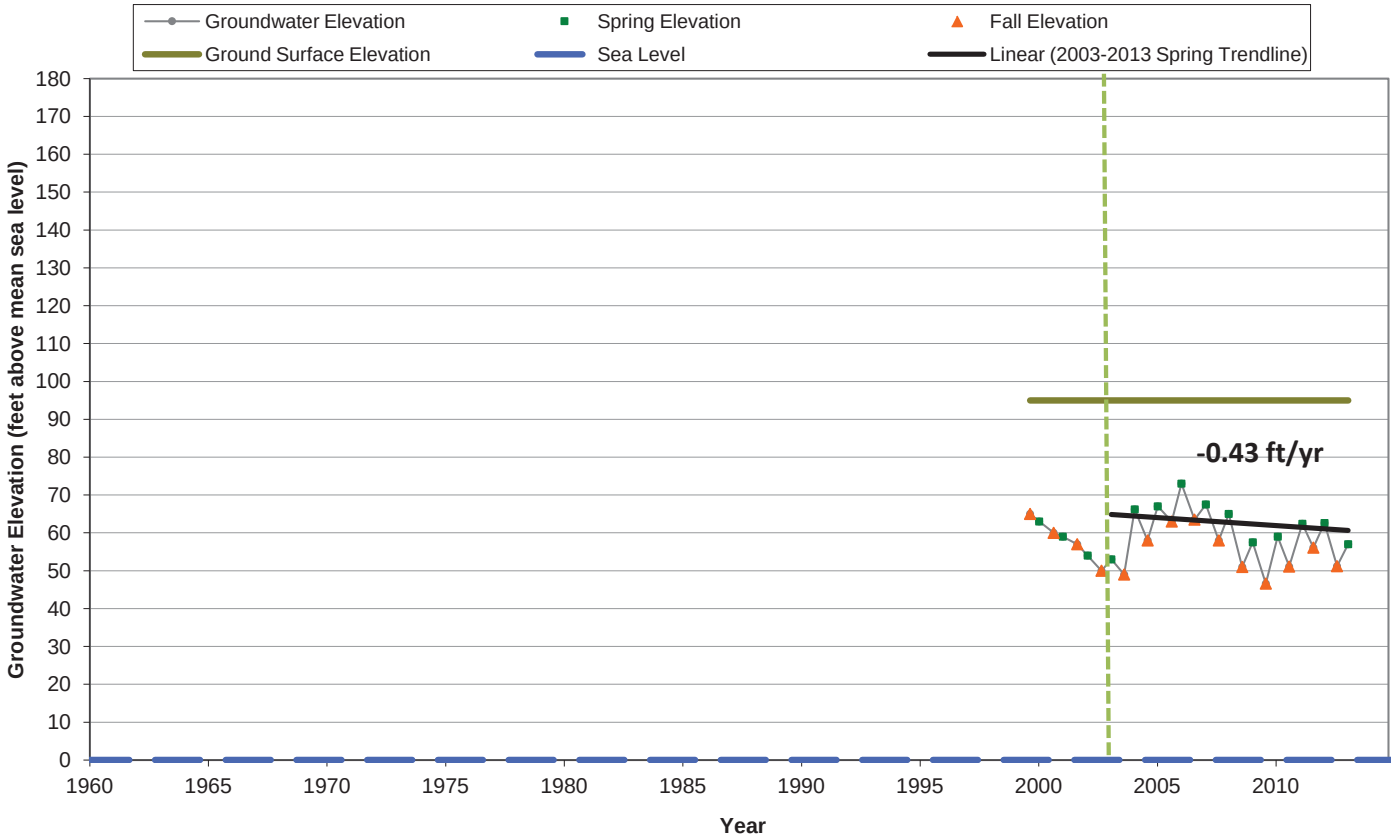
Groundwater-Level Hydrograph
L13-02 (200-500 feet)



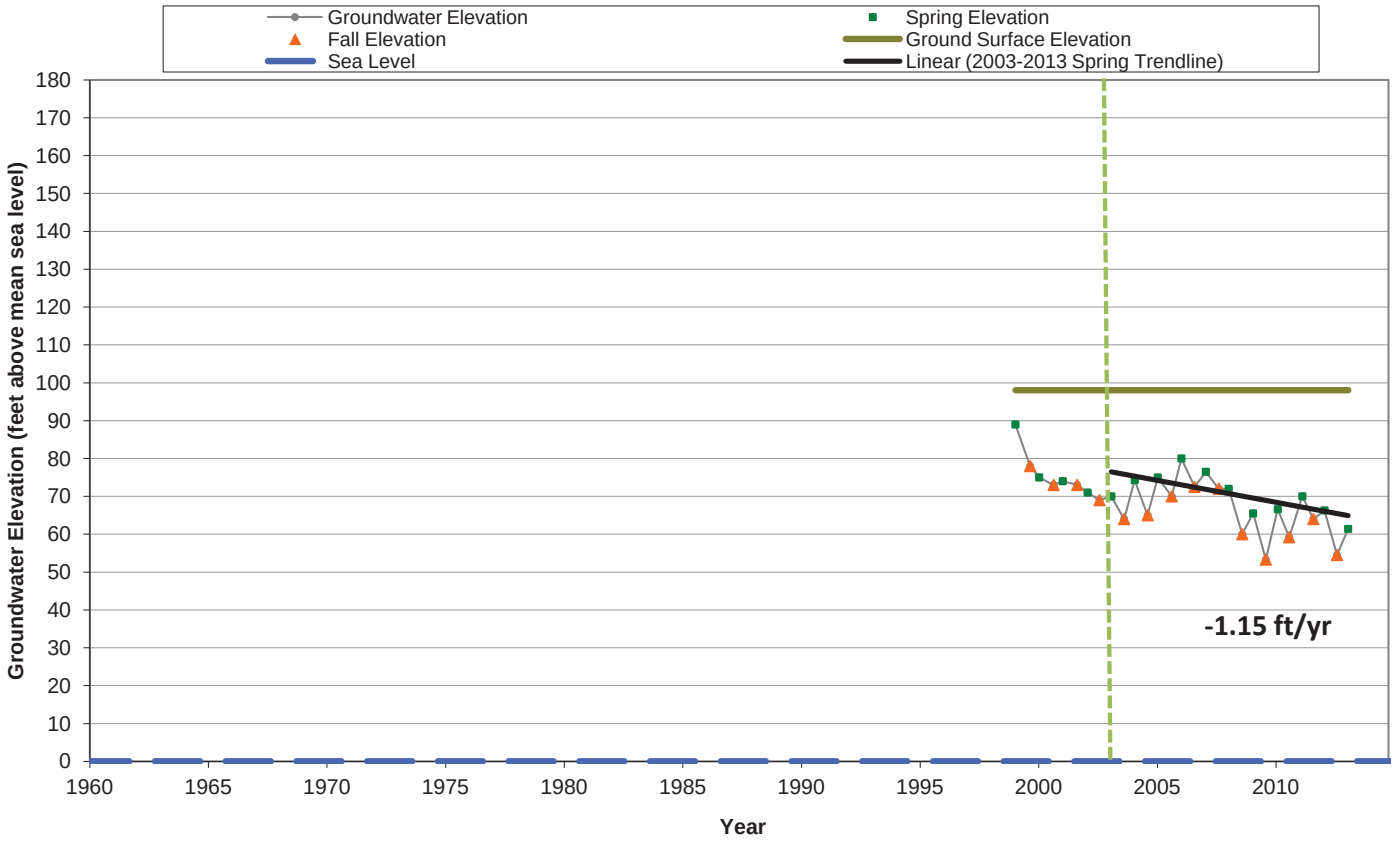
Groundwater-Level Hydrograph
M12-03 (200-500 feet)



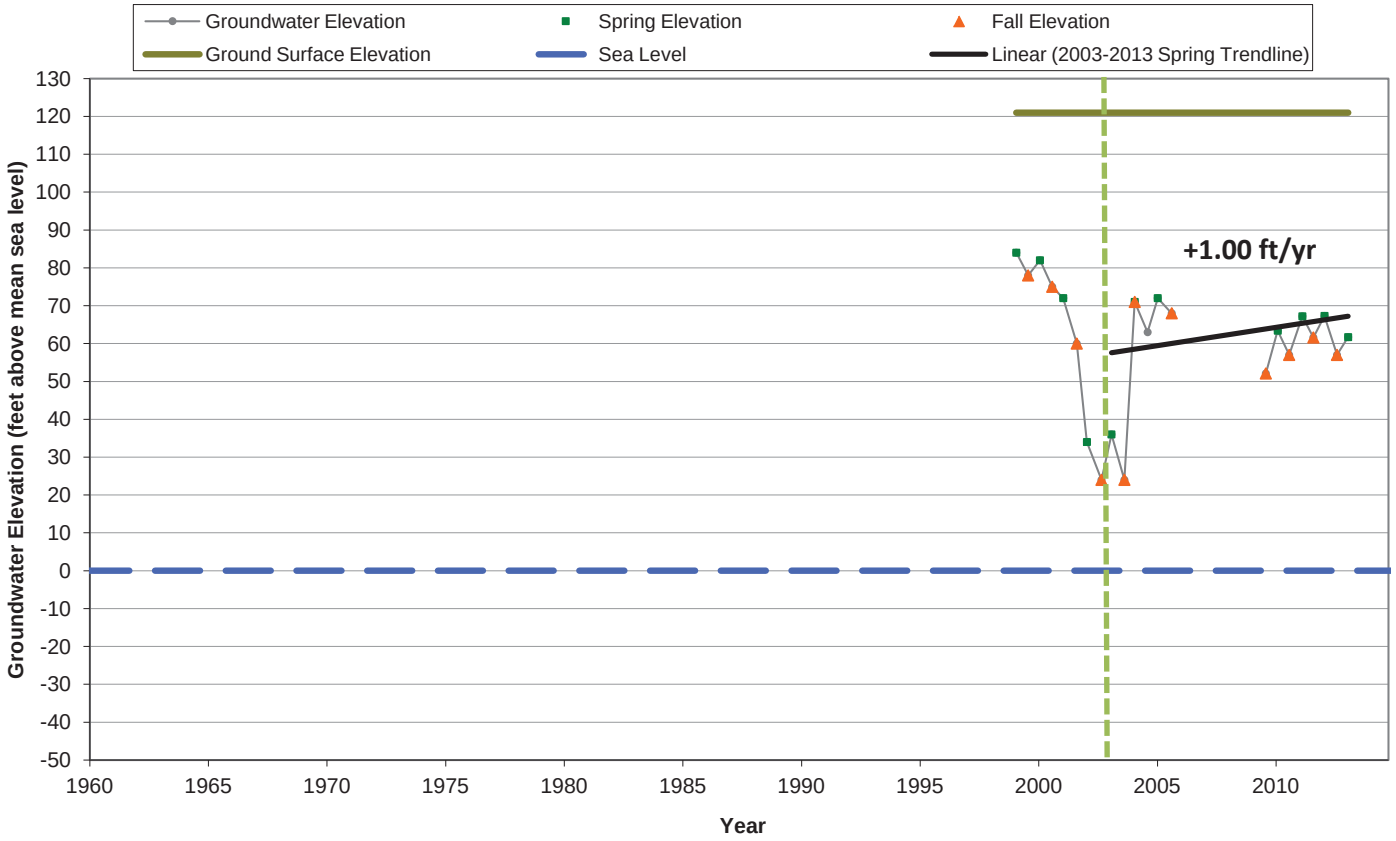
Groundwater-Level Hydrograph
M13-01 (<200 feet)



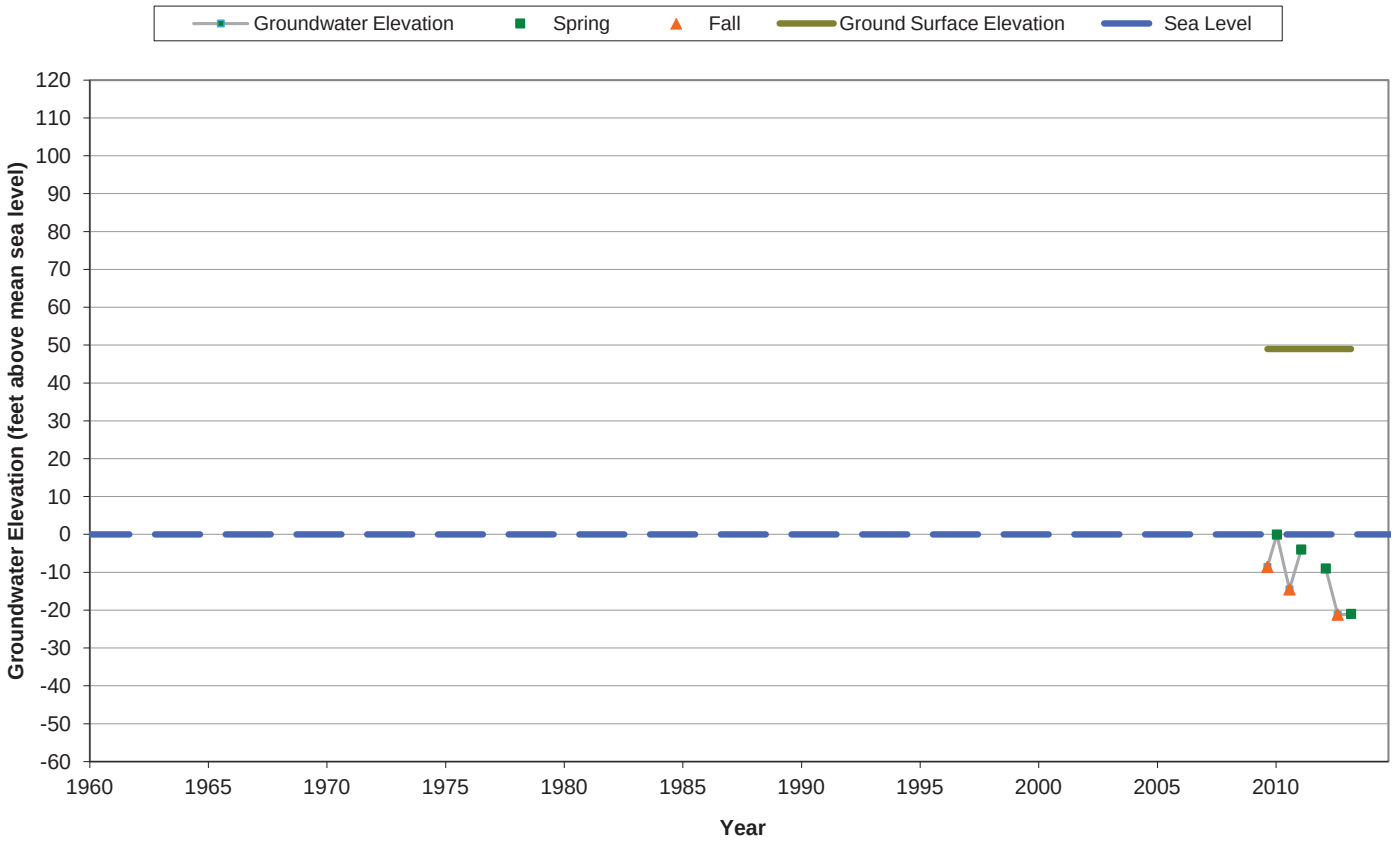
Groundwater-Level Hydrograph
M13-03 (200-500 feet)



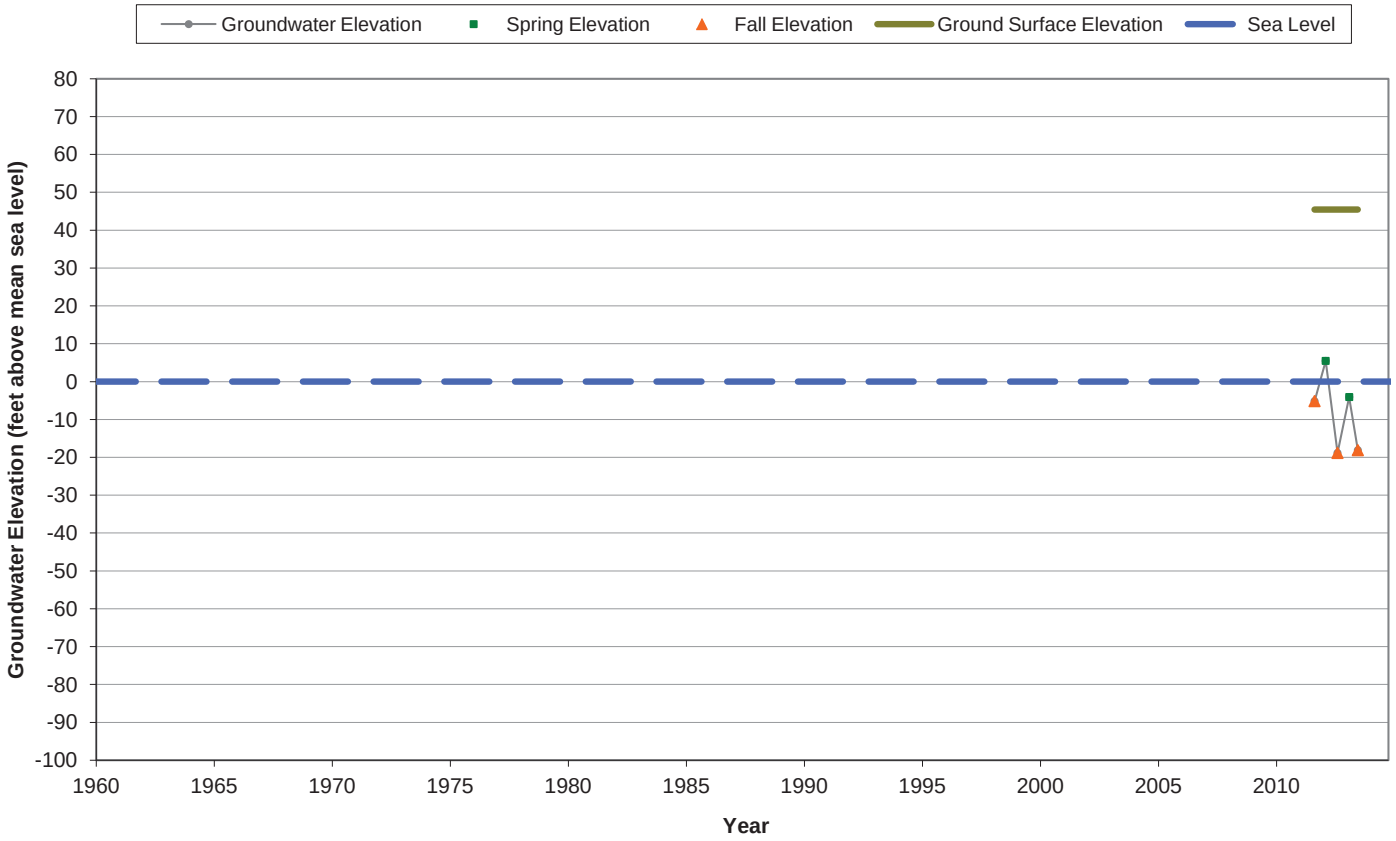
Groundwater-Level Hydrograph
M13-04 (200-500 feet)



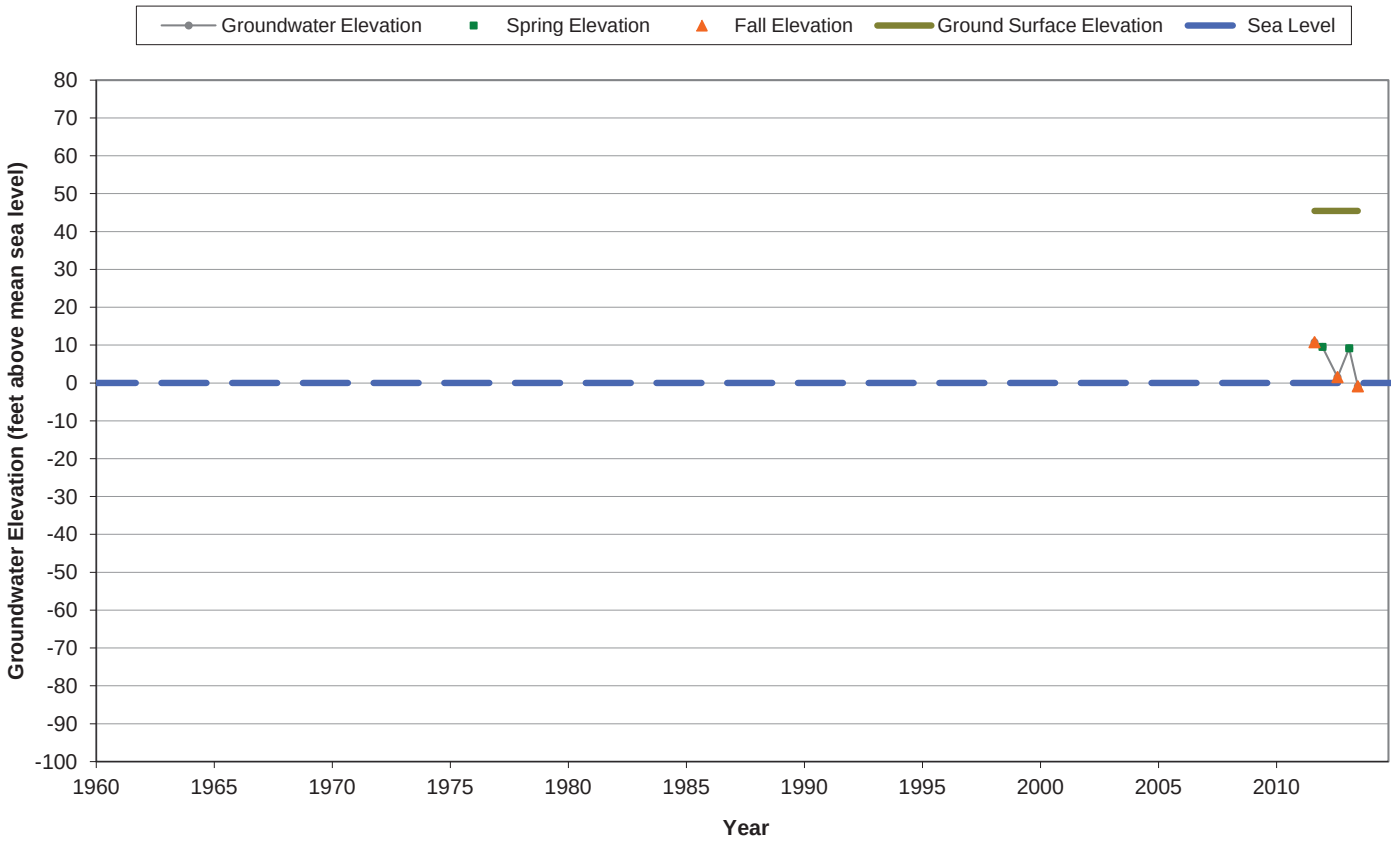
Groundwater-Level Hydrograph
M15-03 (200-500 feet)

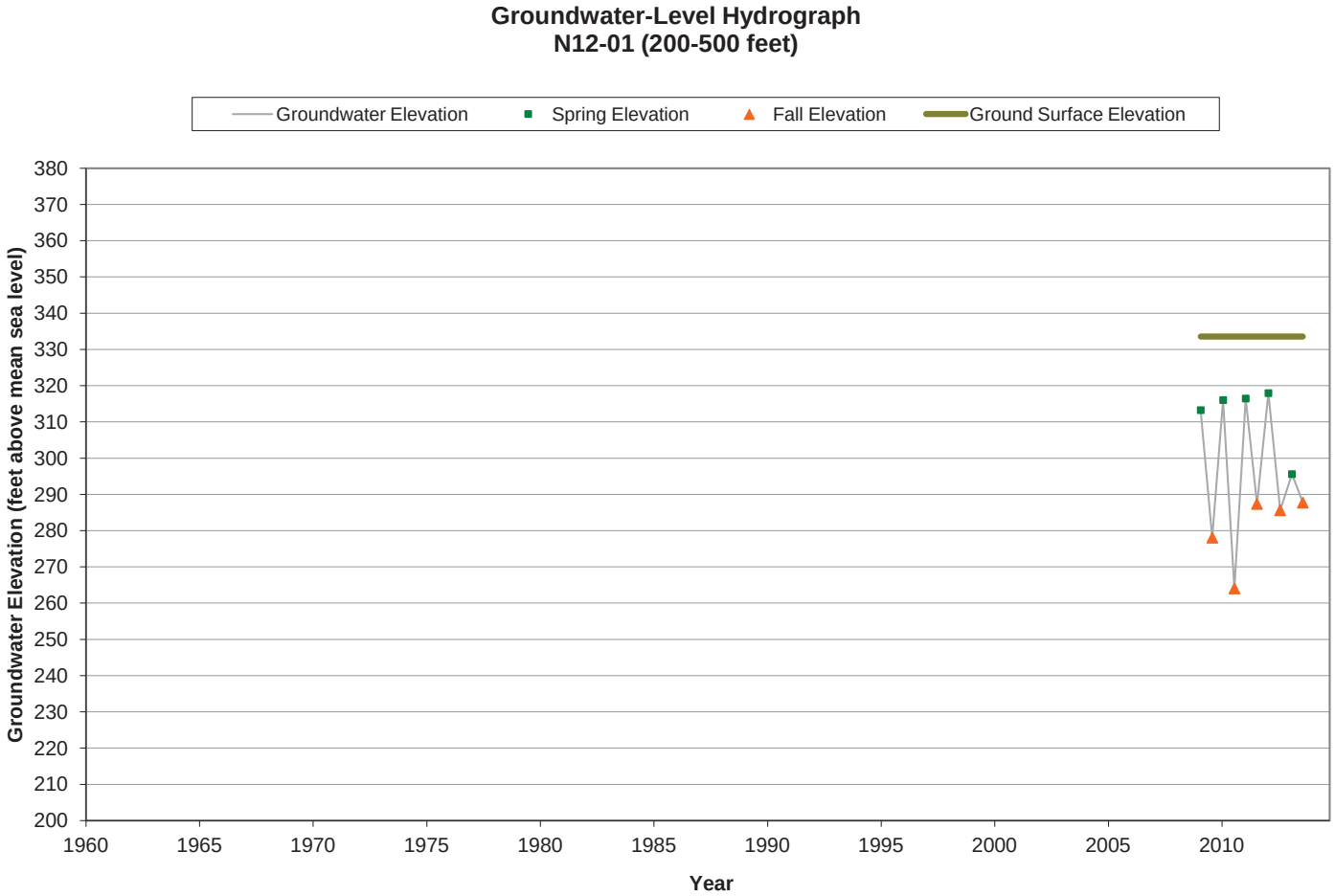


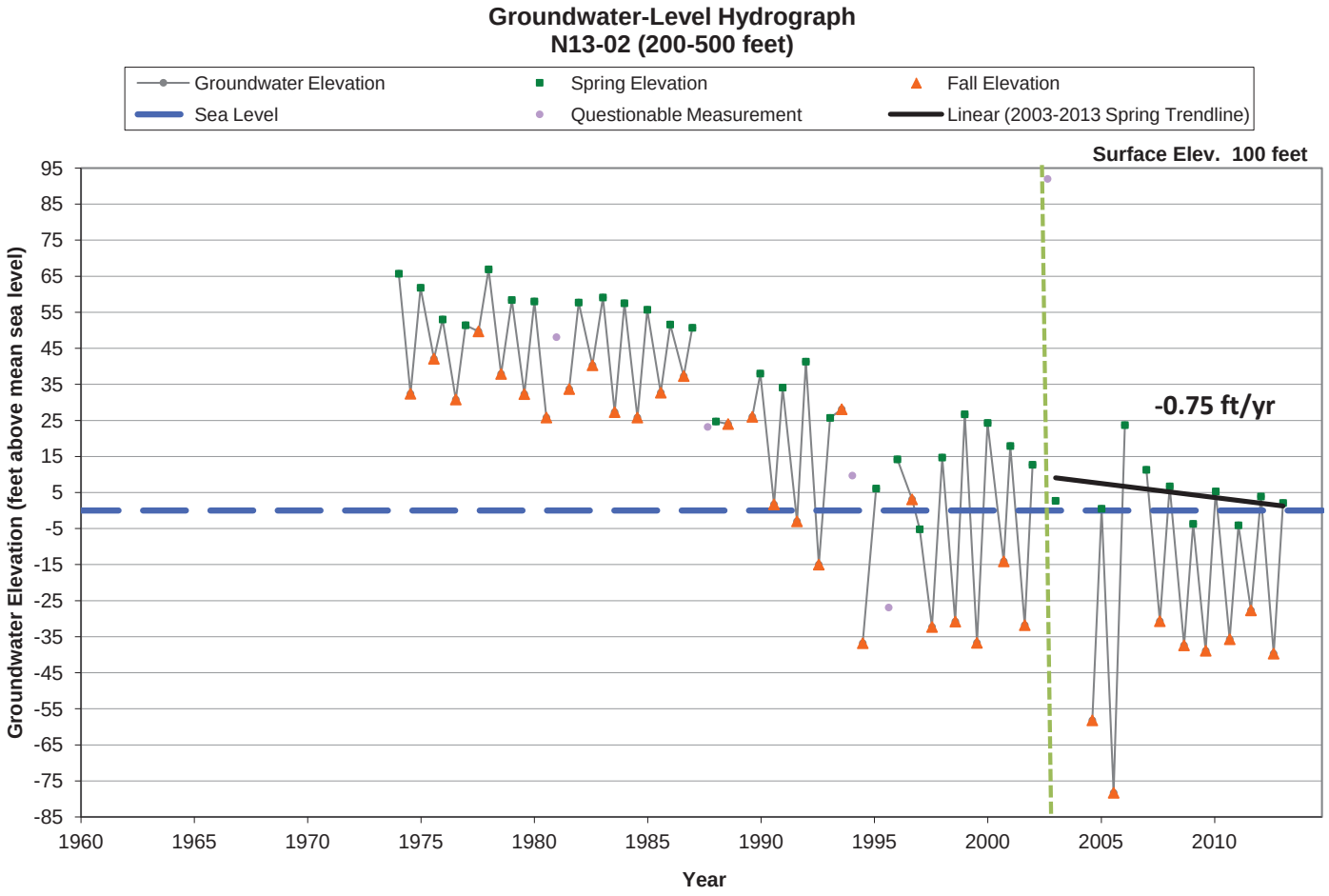
Groundwater-Level Hydrograph
M15-04C (200-500 feet)



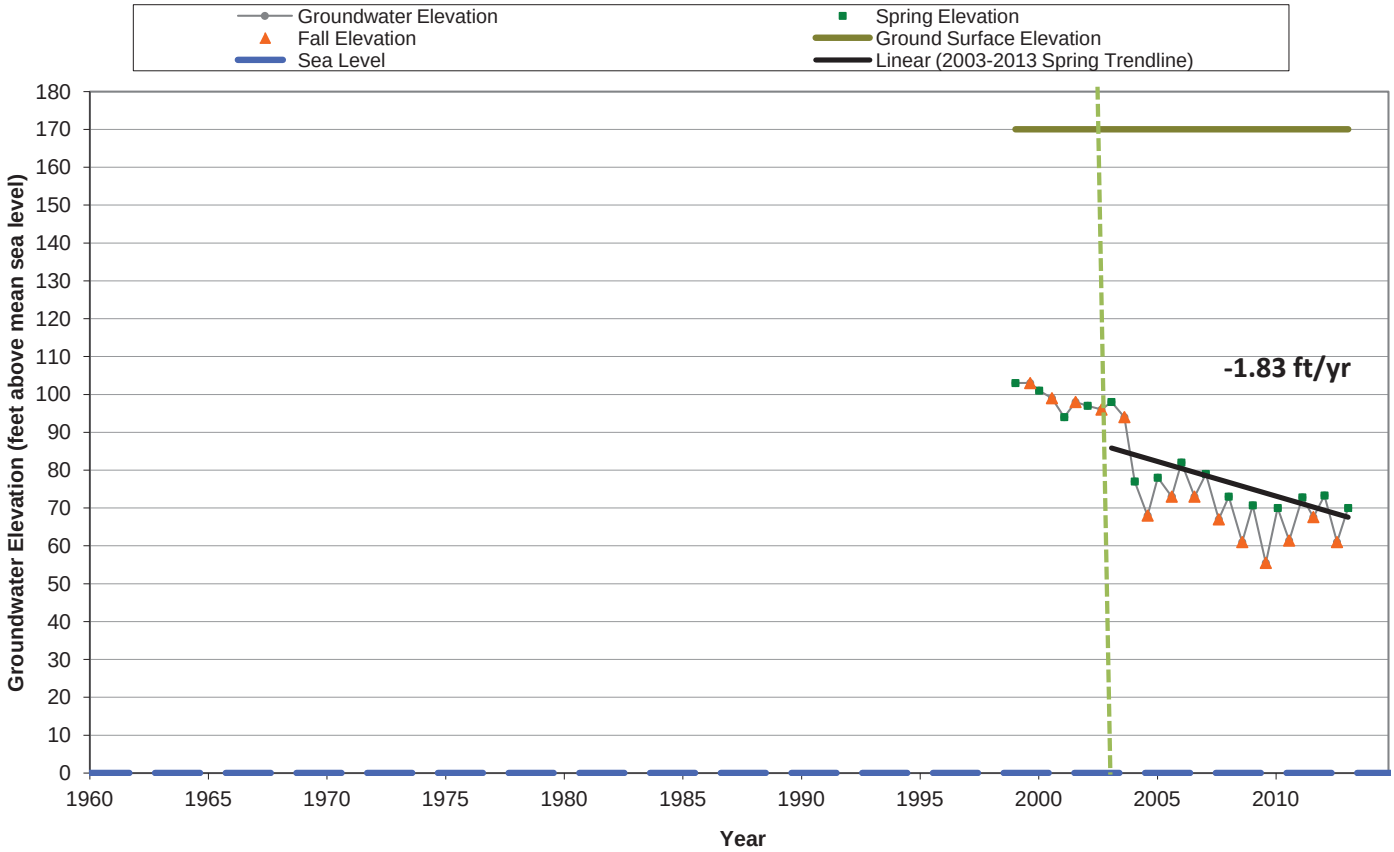
Groundwater-Level Hydrograph
M15-04D (200-500 feet)



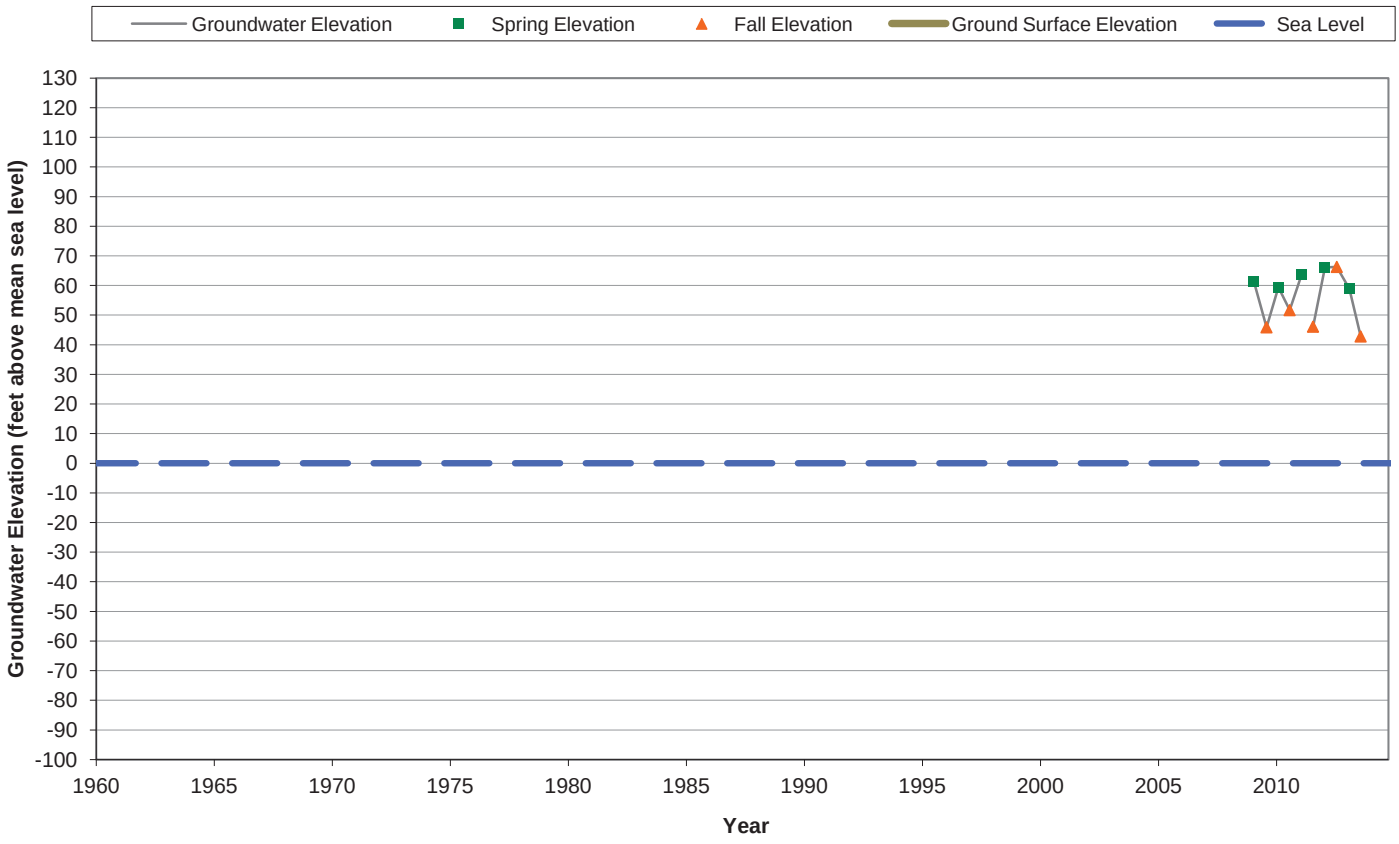

Groundwater-Level Hydrograph
N12-01 (200-500 feet)
Groundwater Elevation
Spring Elevation
Fall Elevation
Ground Surface Elevation
Groundwater Elevation (feet above mean sea level)
380
370
360
350
340
330
320
310
300
290
280
270
260
250
240
230
220
210
200
1960
1965
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year


Groundwater-Level Hydrograph
N13-02 (200-500 feet)
Groundwater Elevation
Spring Elevation
Fall Elevation
Sea Level
Questionable Measurement
Linear (2003-2013 Spring Trendline)
Surface Elev. 100 feet
-0.75 ft/yr
Groundwater Elevation (feet above mean sea level)
95
85
75
65
55
45
35
25
15
5
-5
-15
-25
-35
-45
-55
-65
-75
-85
1960
1965
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year

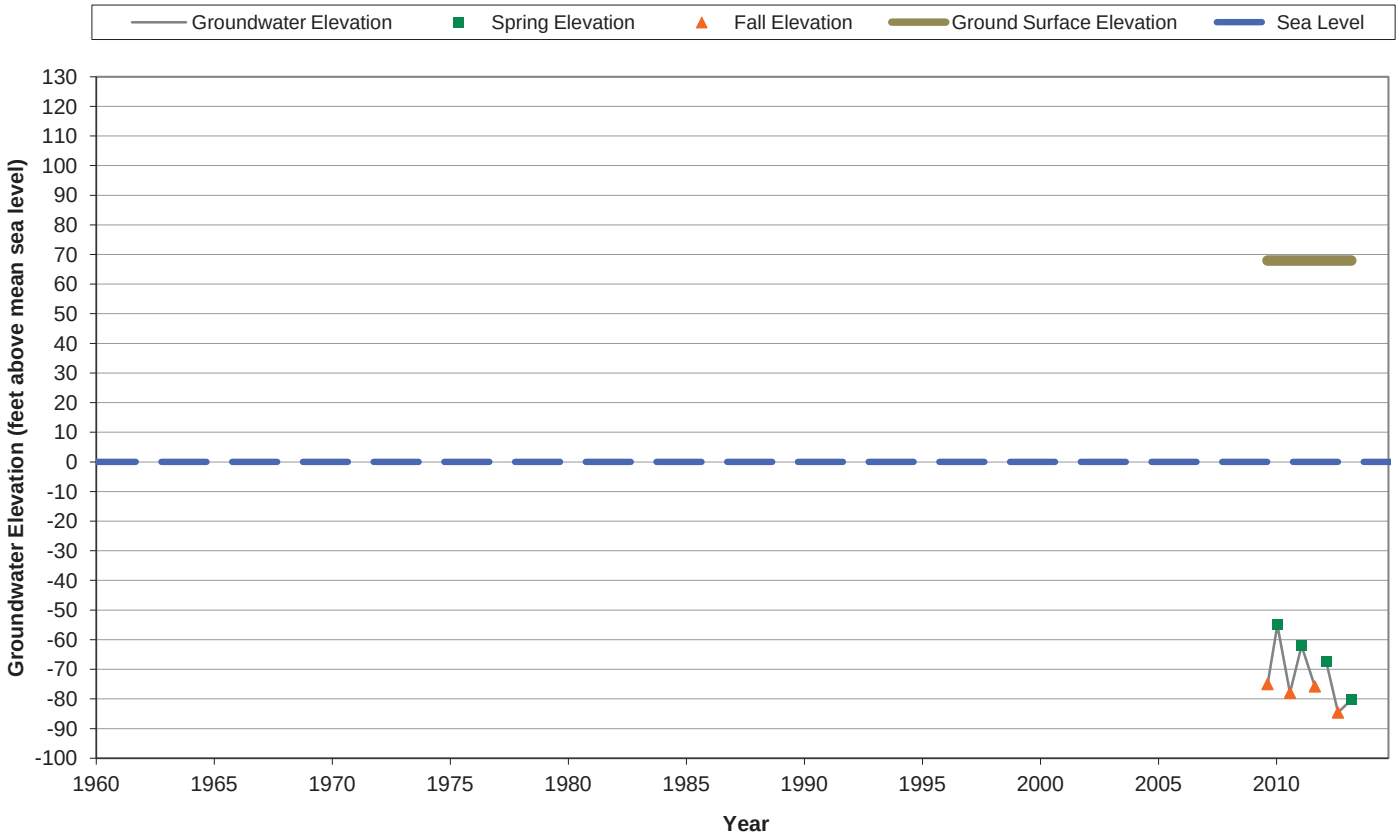
Groundwater-Level Hydrograph
N13-06 (200-500 feet)



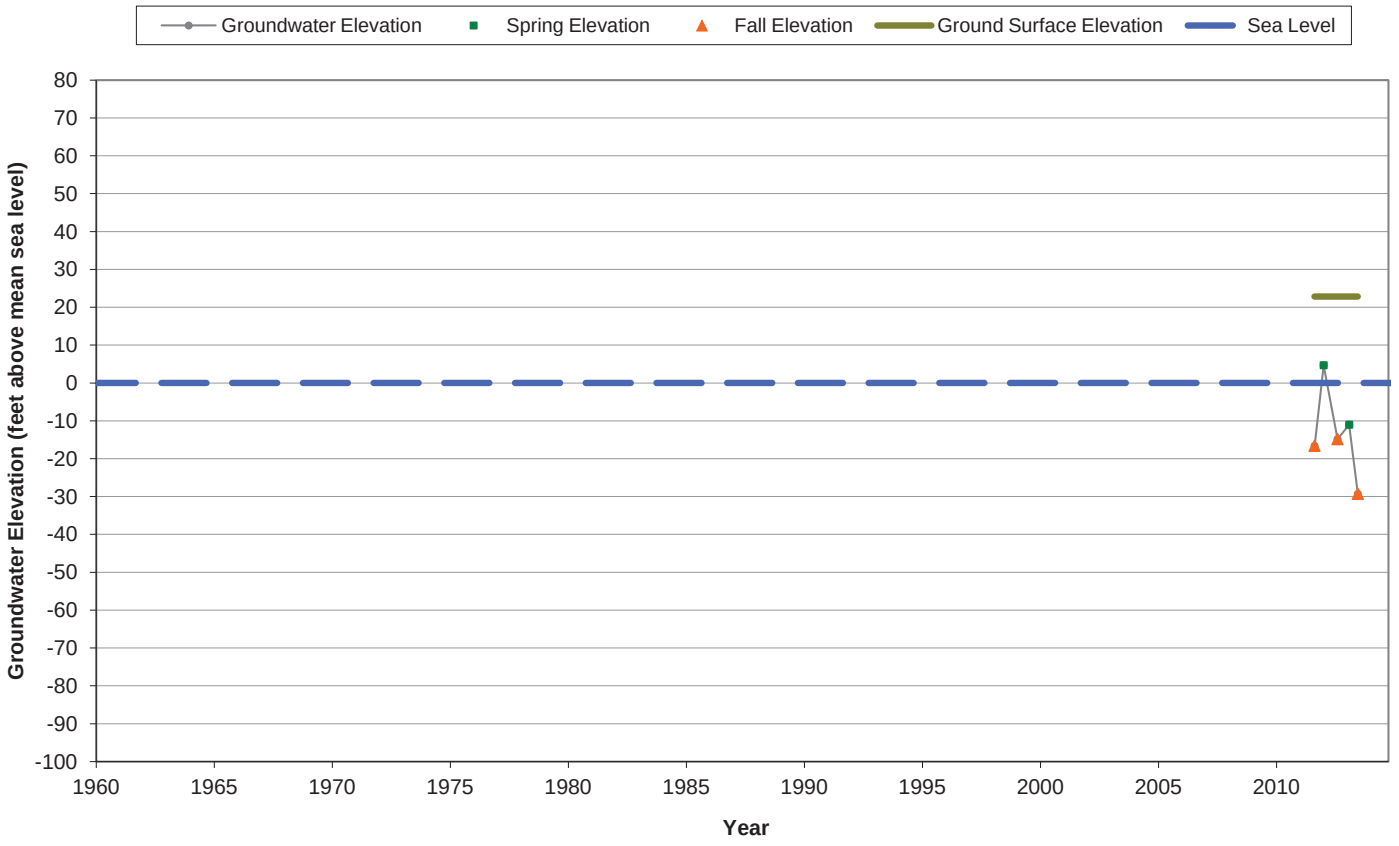
Groundwater-Level Hydrograph
N13-07 (200-500 feet)



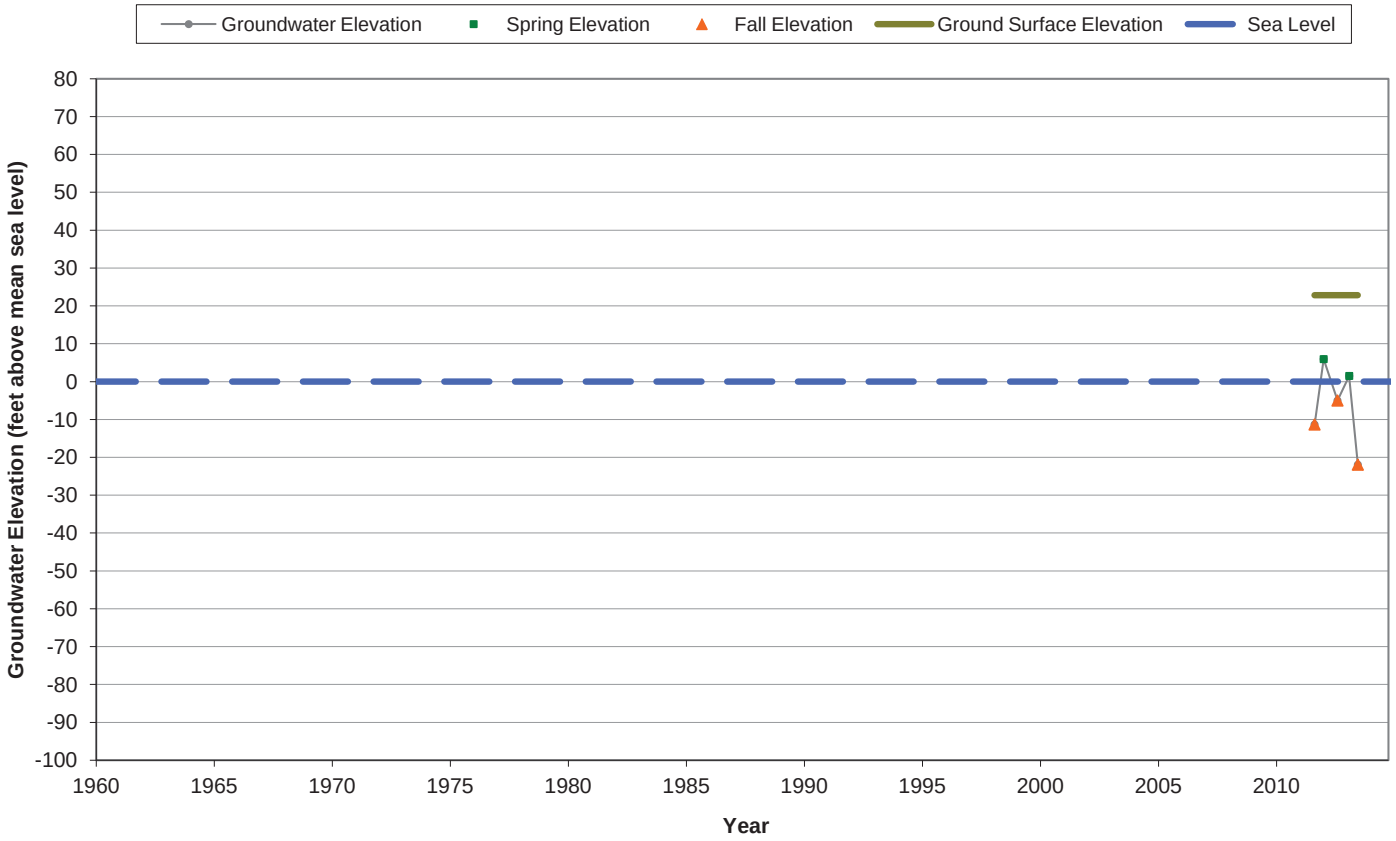
Groundwater-Level Hydrograph
N14-02 (200-500 feet)



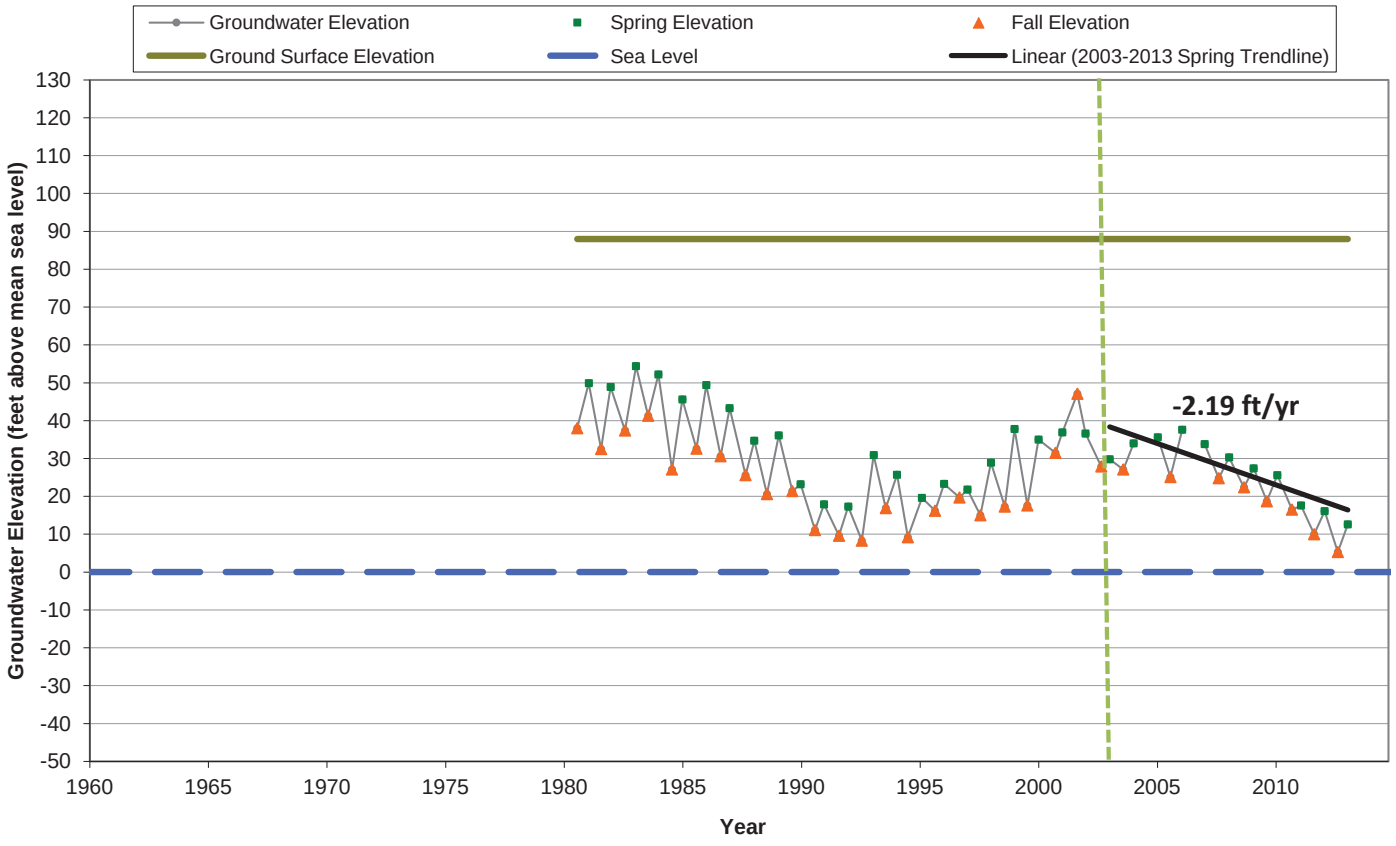
Groundwater-Level Hydrograph
N16-06C (200-500 feet)



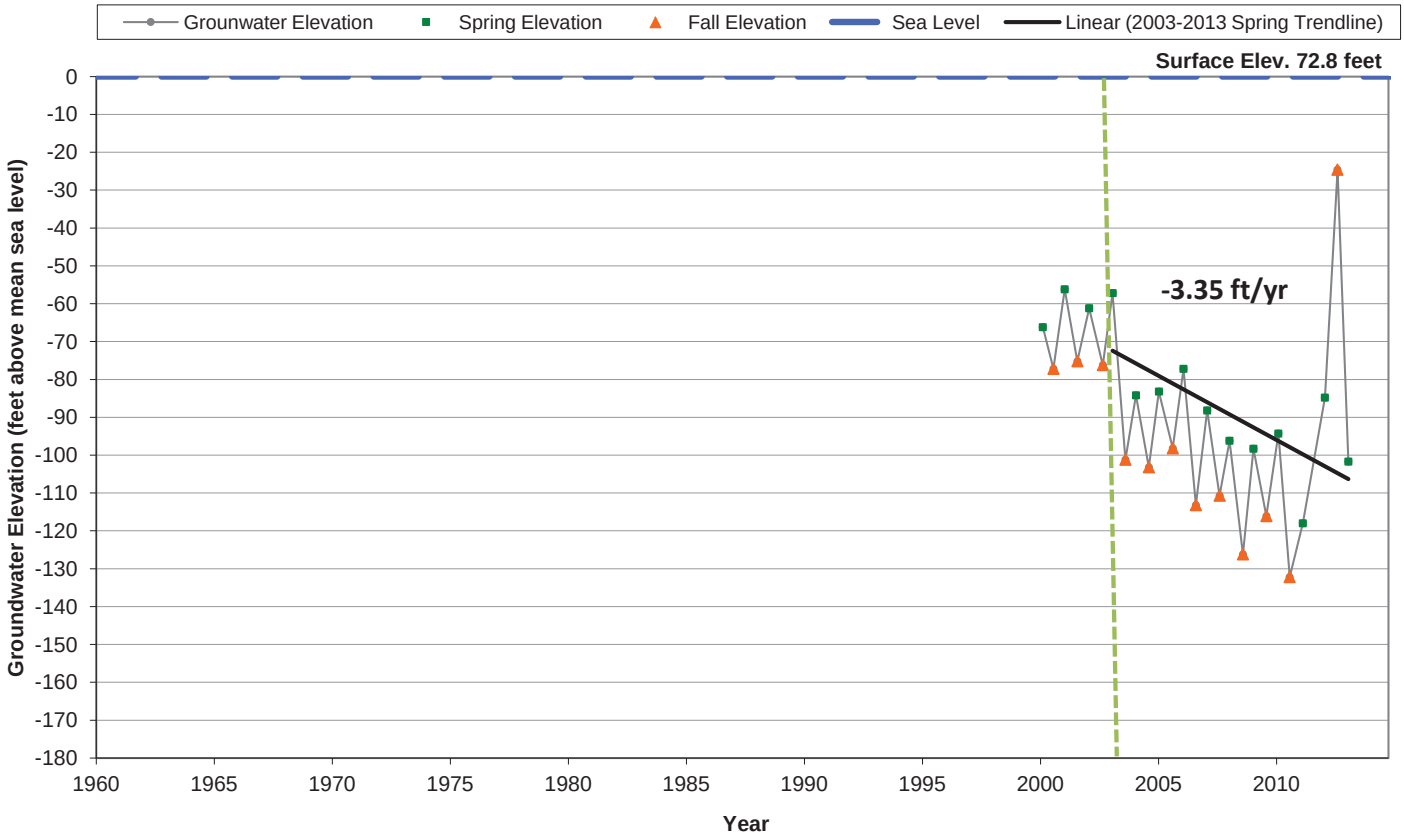
Groundwater-Level Hydrograph
N16-06D (200-500 feet)



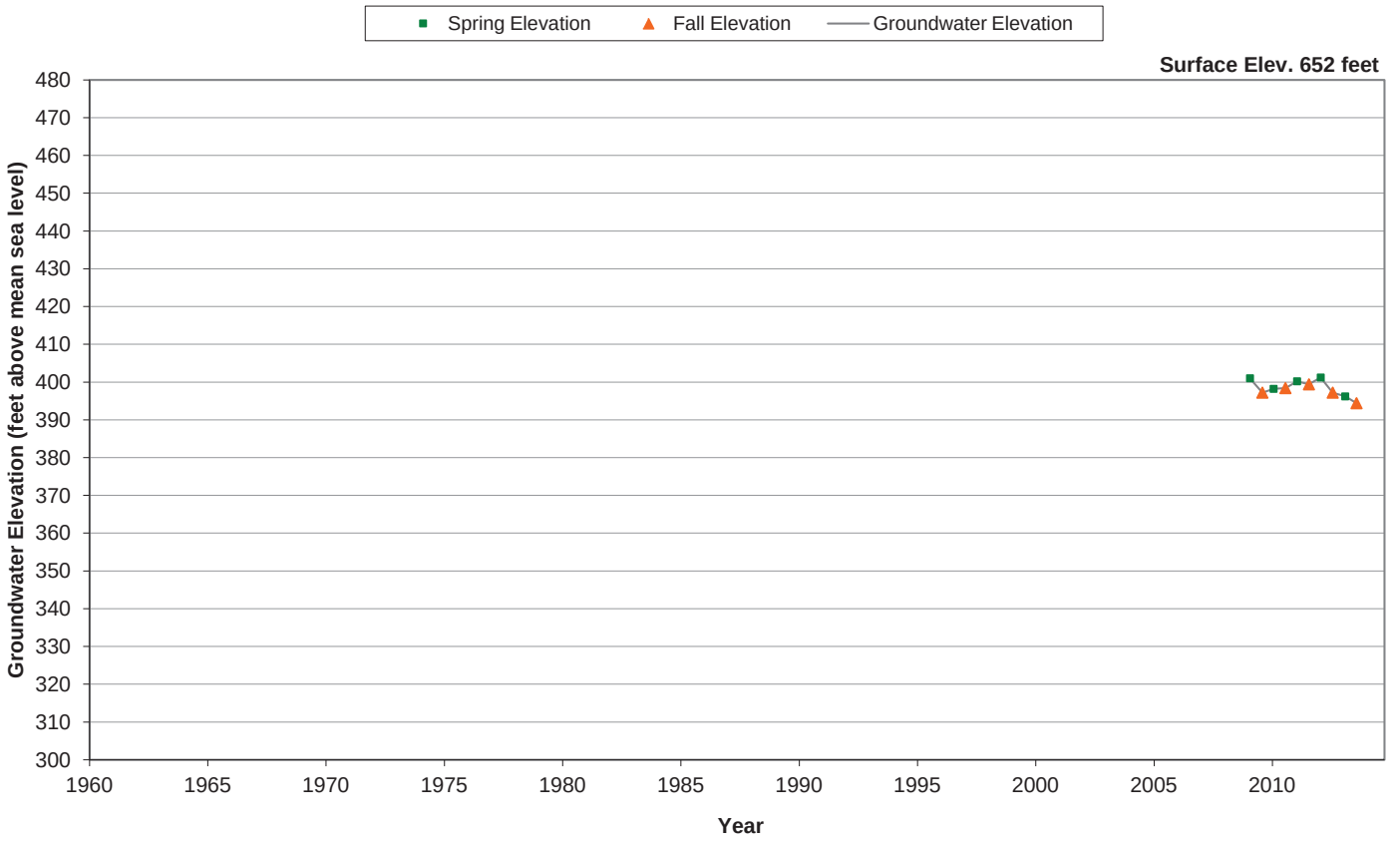
Groundwater-Level Hydrograph
O14-01 (200-500 feet)

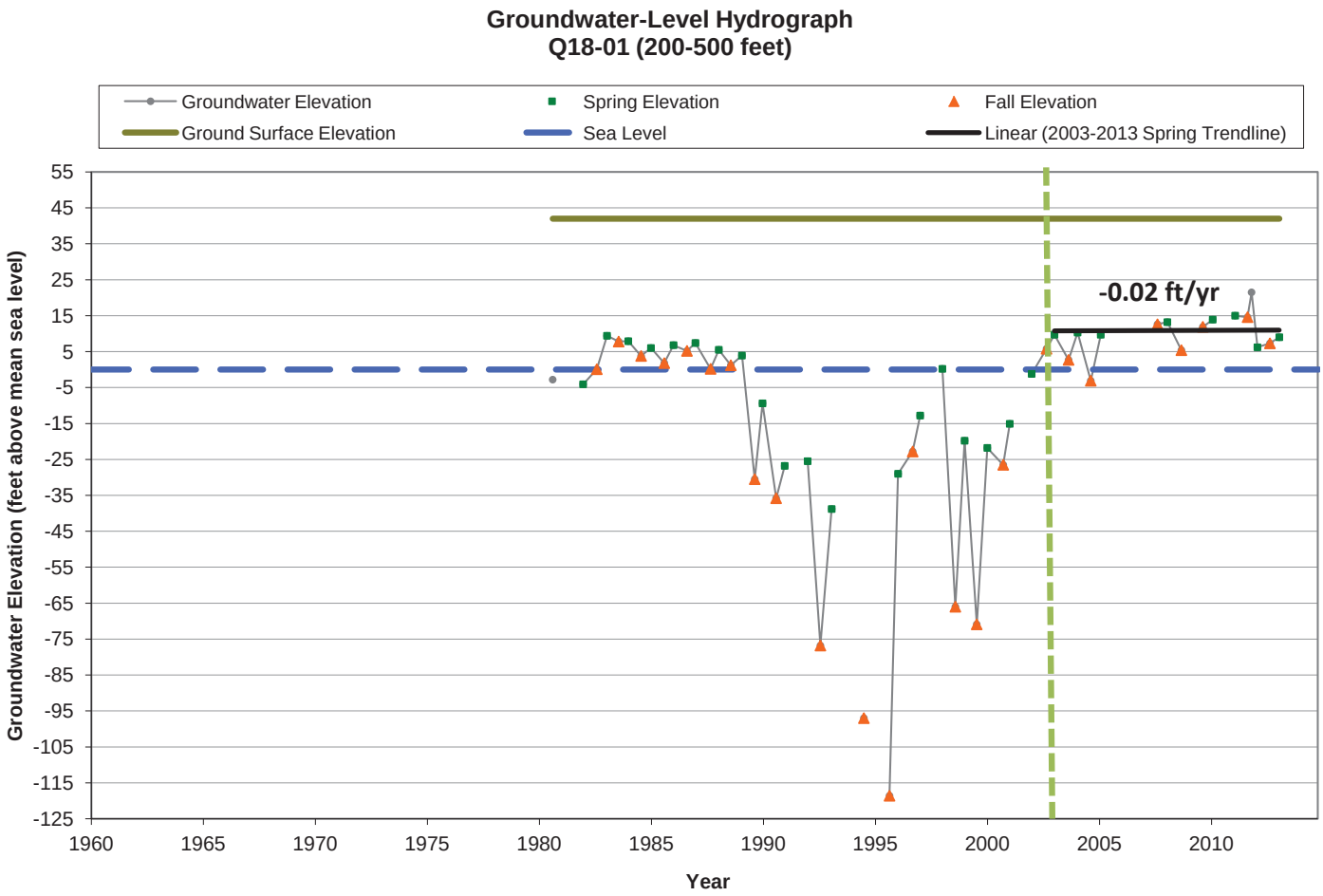


Groundwater-Level Hydrograph
O15-01 (200-500 feet)



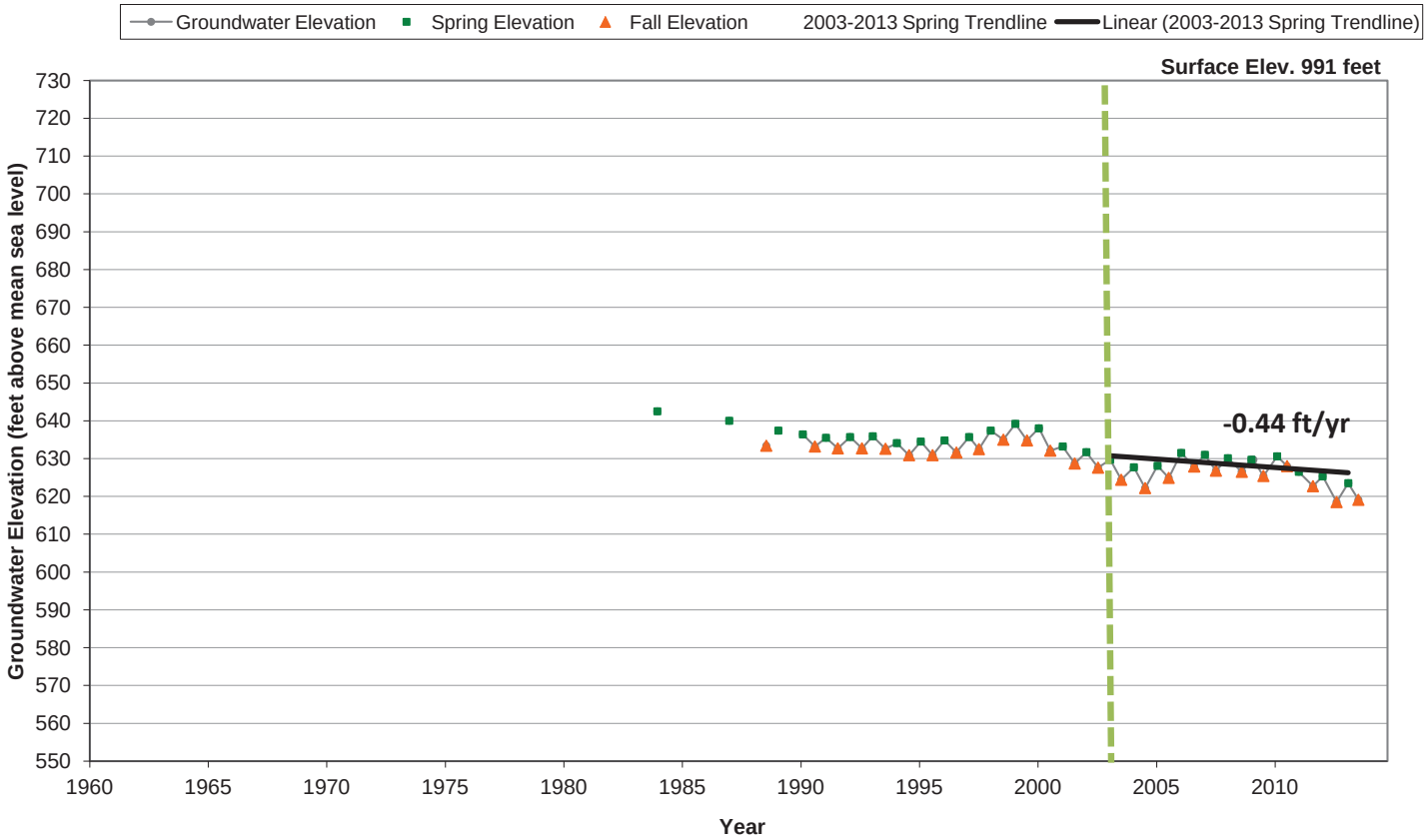
Groundwater-Level Hydrograph
P13-01 (200-500 feet)



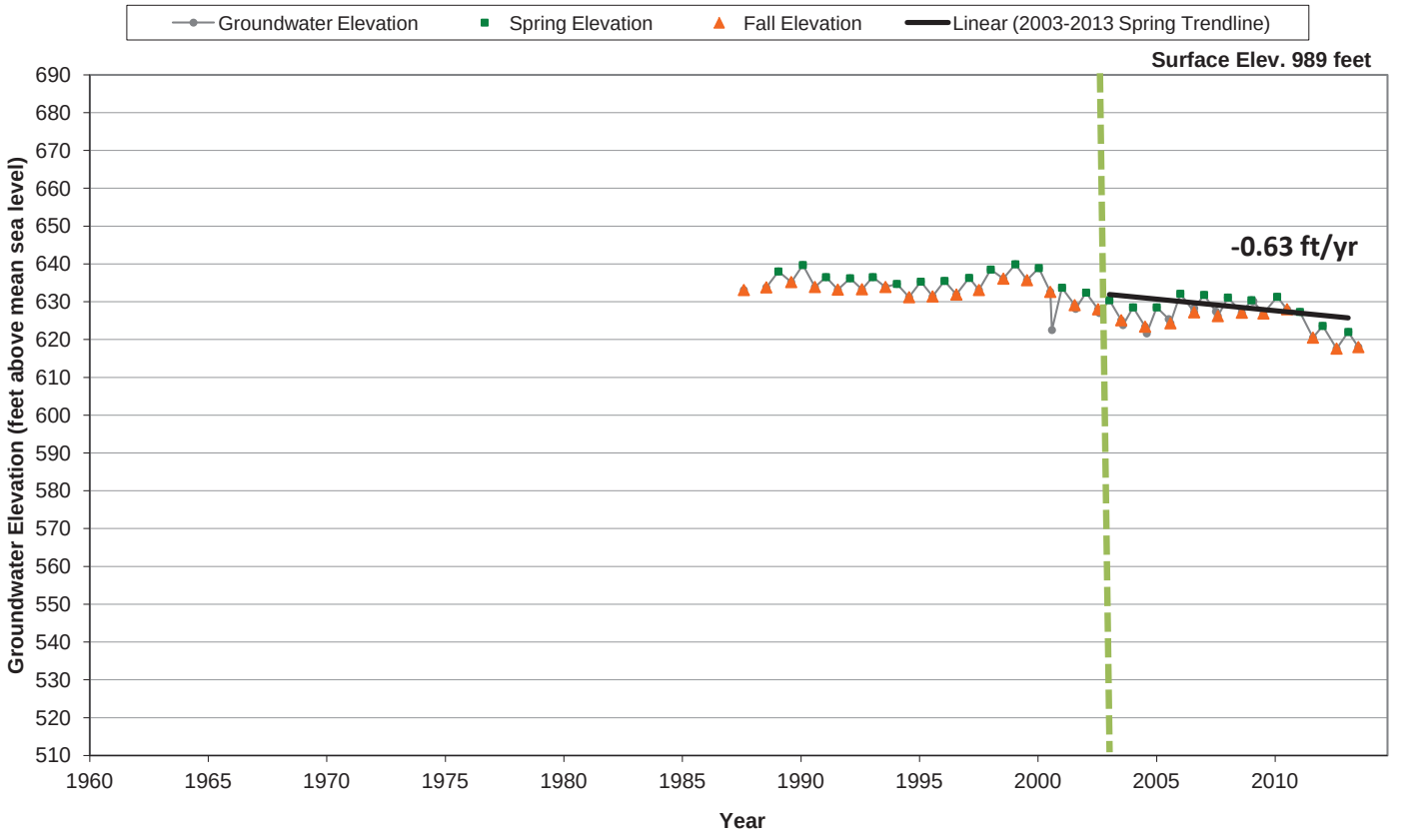

Groundwater-Level Hydrograph
Q18-01 (200-500 feet)
Groundwater Elevation
Spring Elevation
Fall Elevation
Ground Surface Elevation
Sea Level
Linear (2003-2013 Spring Trendline)
-0.02 ft/yr
Groundwater Elevation (feet above mean sea level)
55
45
35
25
15
5
-5
-15
-25
-35
-45
-55
-65
-75
-85
-95
-105
-115
-125
1960
1965
1970
1975
1980
1985
1990
1995
2000
2005
2010
Year

Groundwater Hydrographs
Greater Than 500 Feet Deep

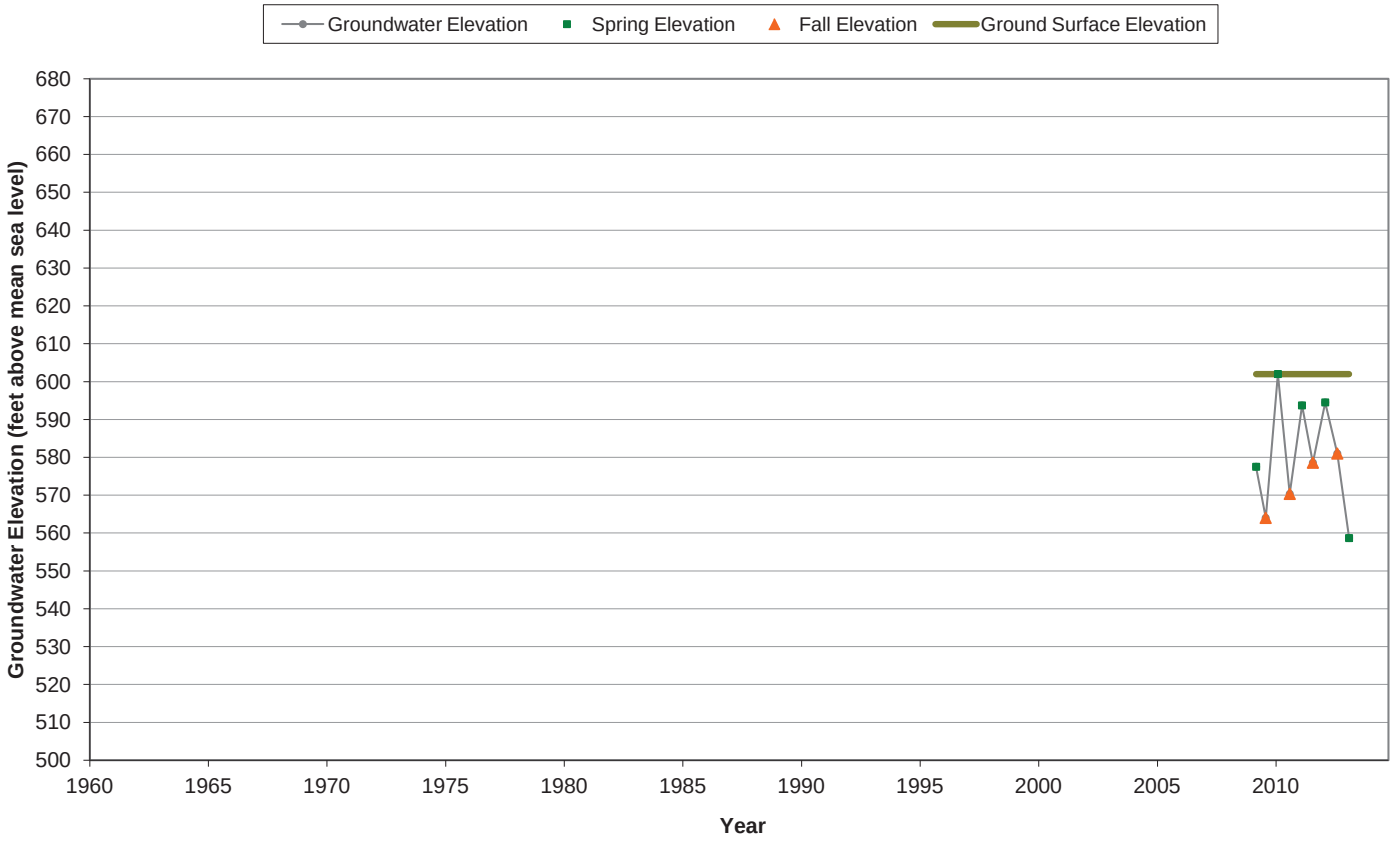
Groundwater-Level Hydrograph
F06-01 (>500 feet)



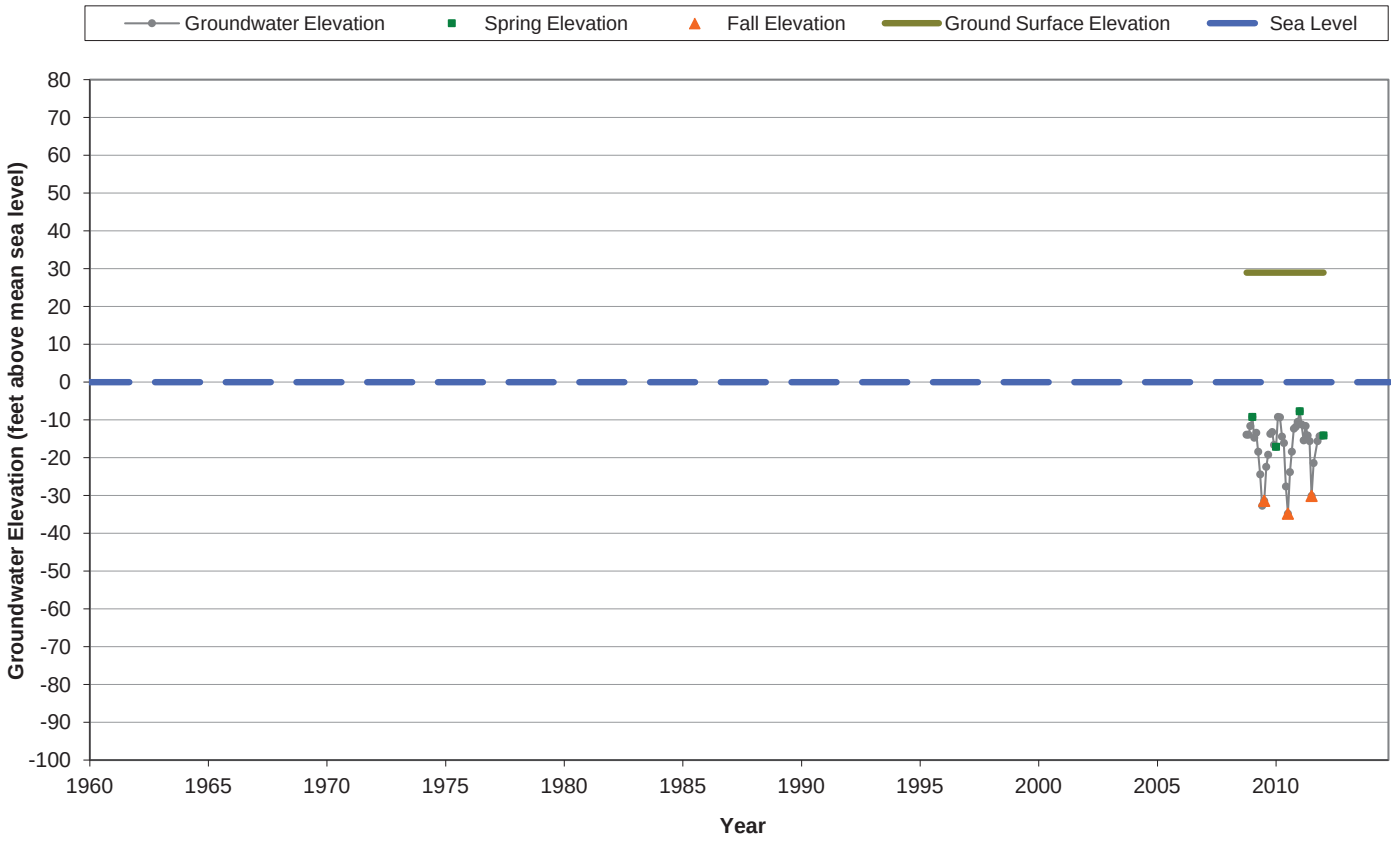
Groundwater-Level Hydrograph
F06-02 (>500 feet)



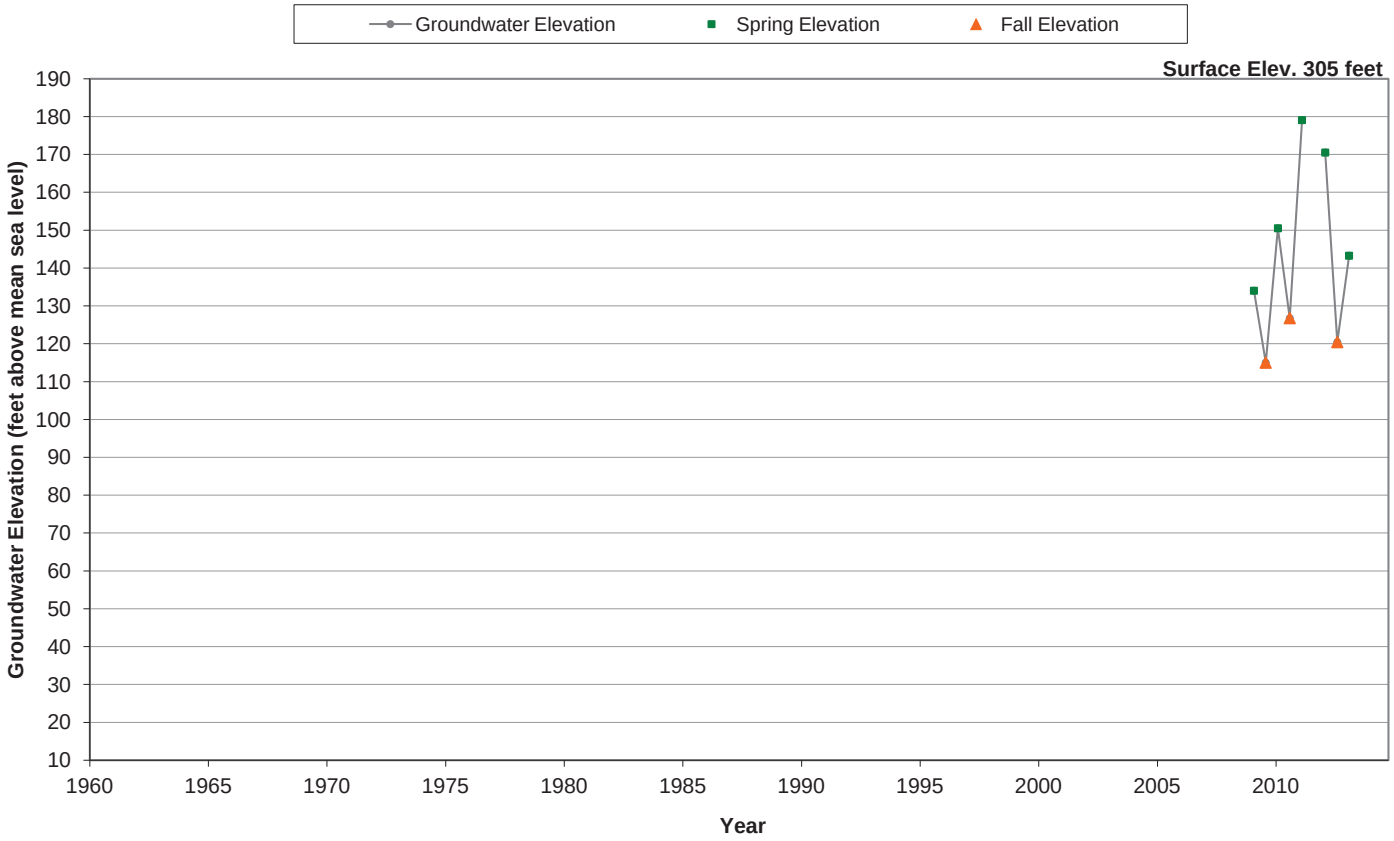
Groundwater-Level Hydrograph
H08-01 (>500 feet)



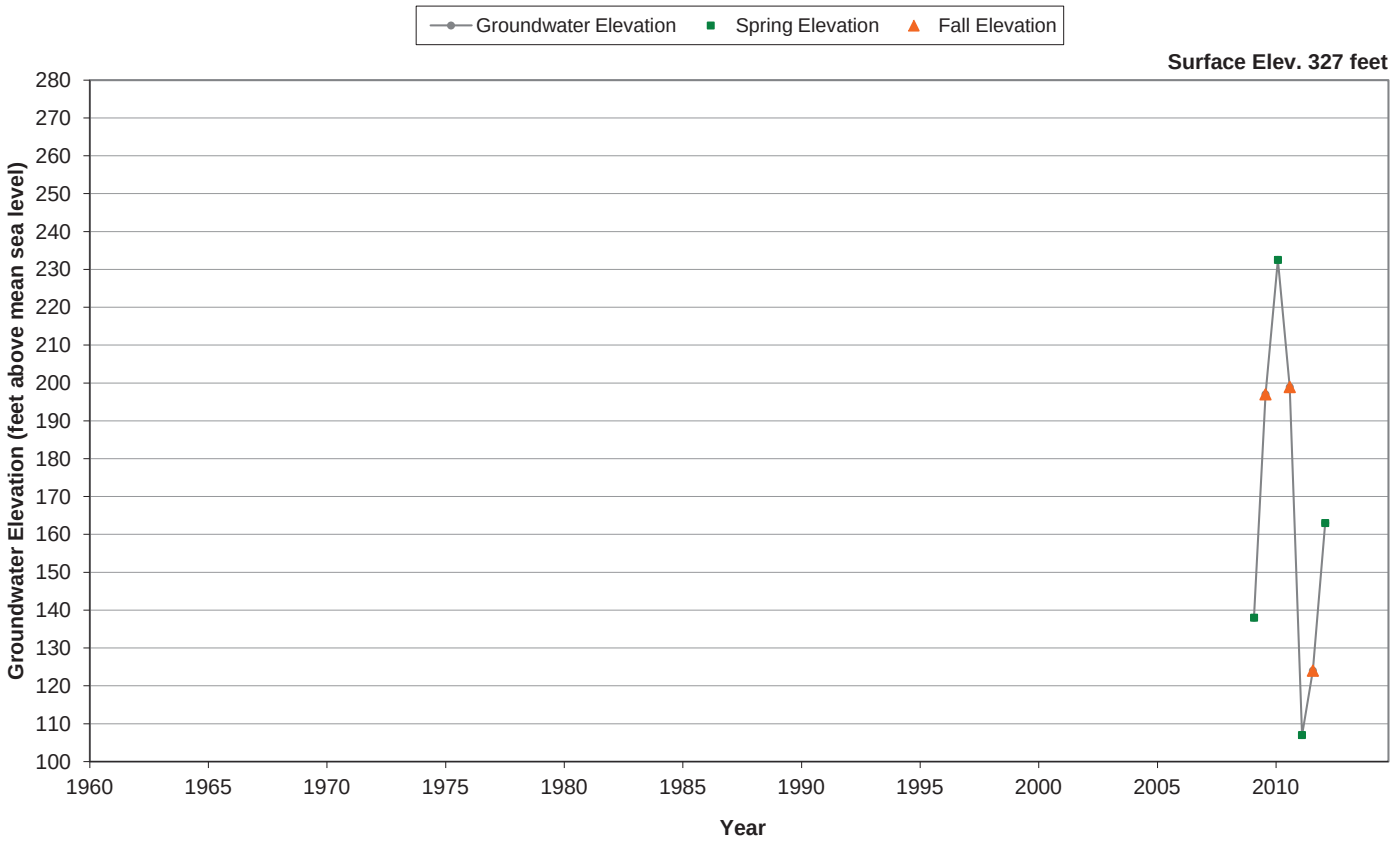
Groundwater-Level Hydrograph
N16-05 (>500 feet)



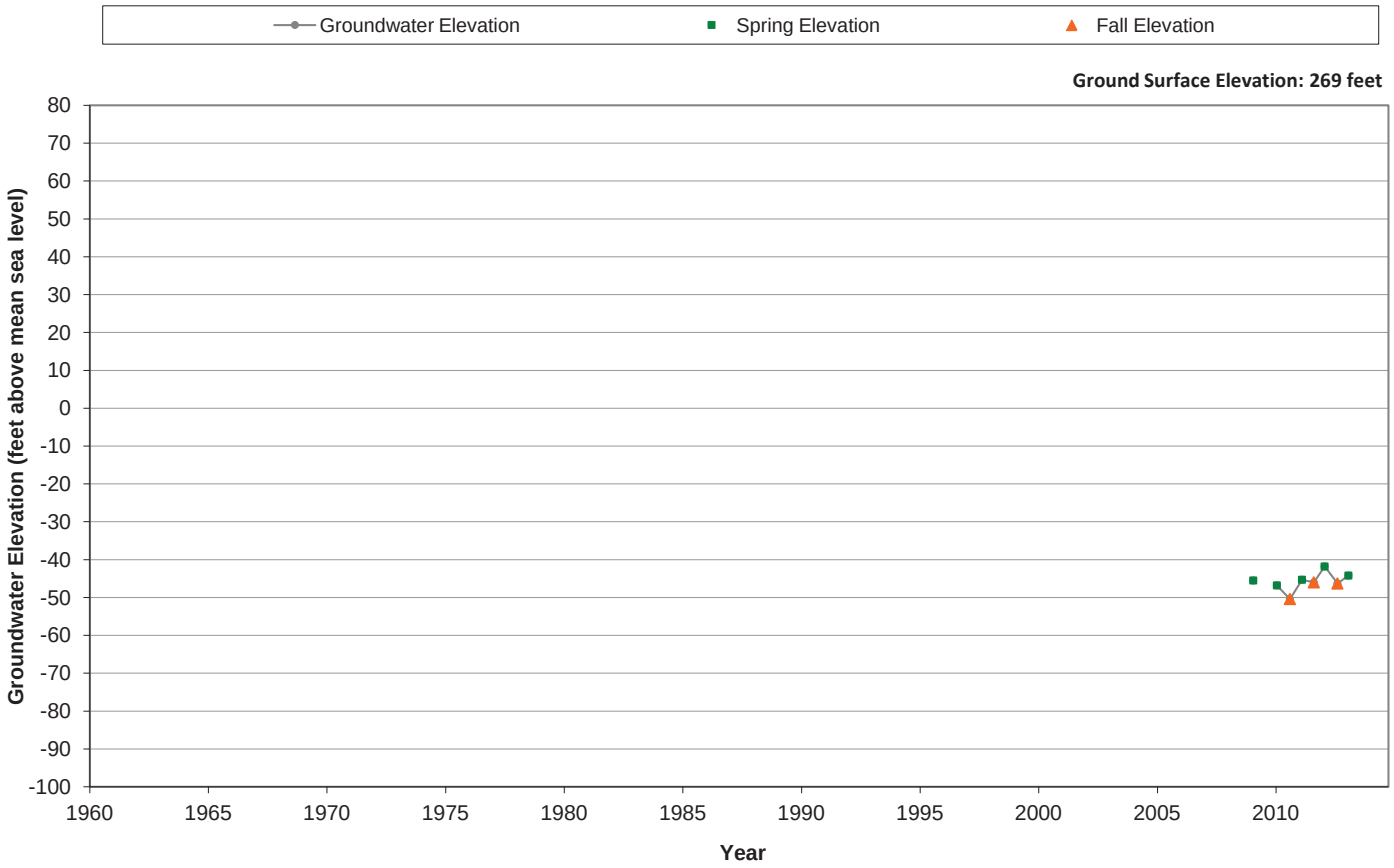
Groundwater-Level Hydrograph
J07-02 (>500 feet)



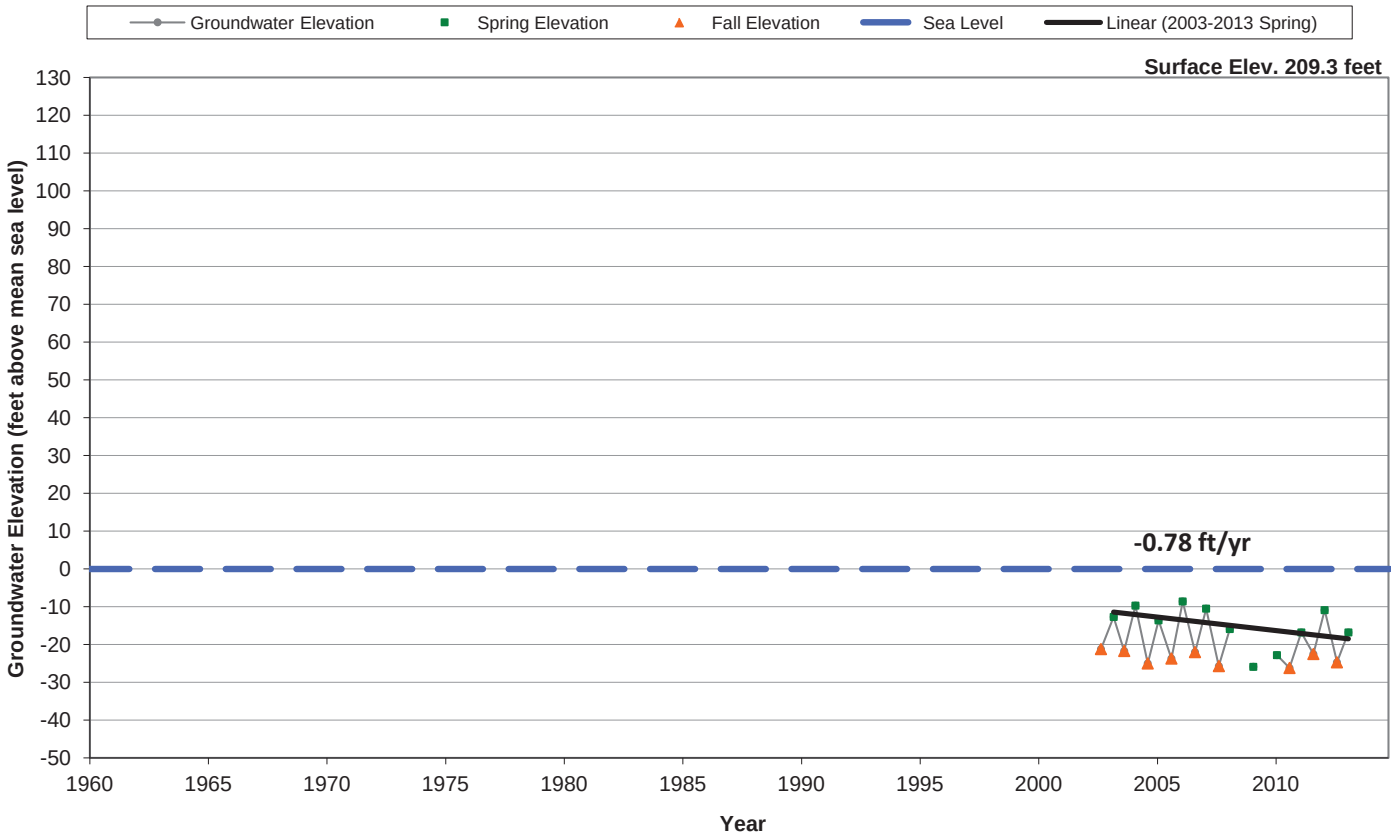
Groundwater-Level Hydrograph
J08-03 (>500 feet)

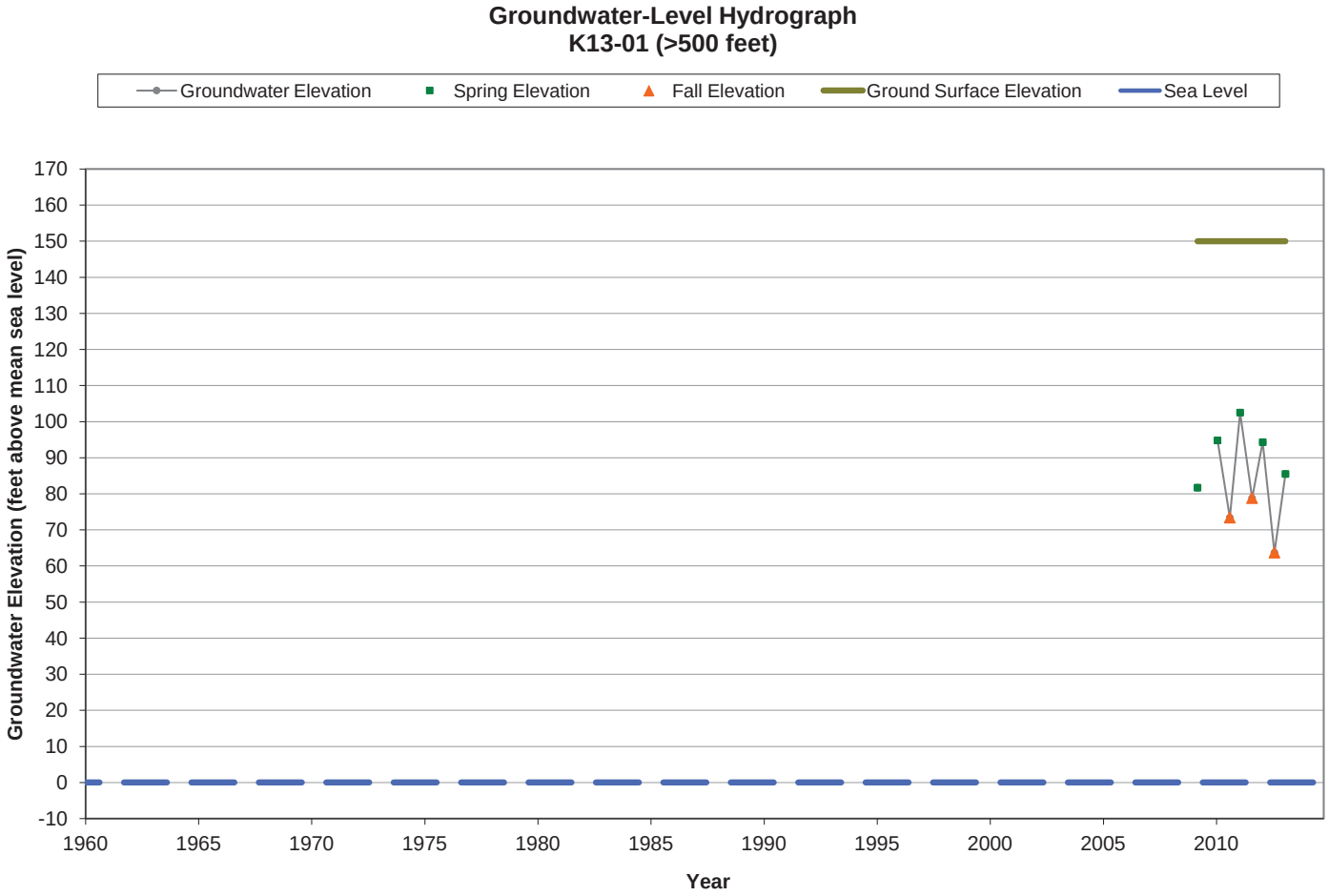


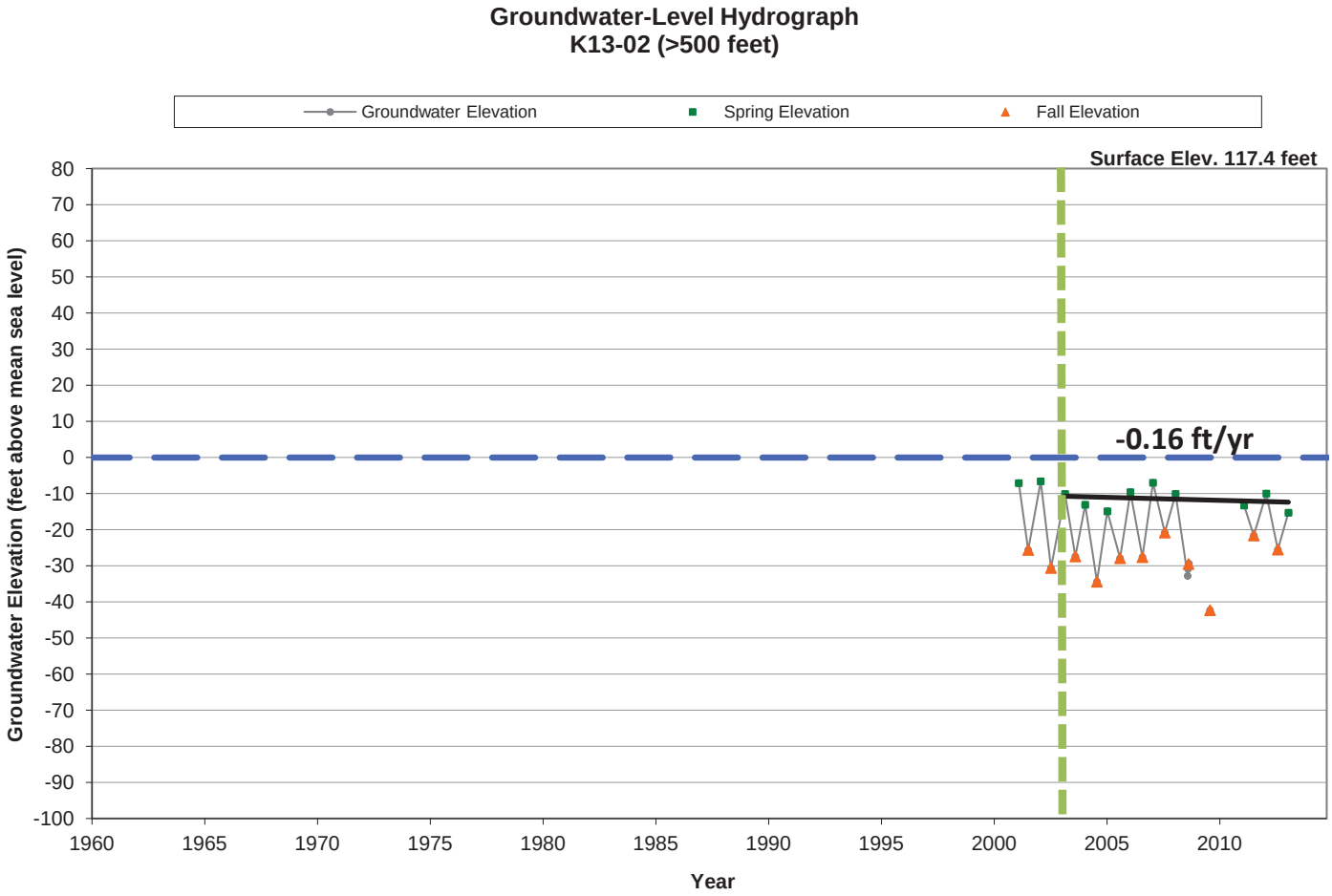
Groundwater-Level Hydrograph
J12-05 (>500 feet)

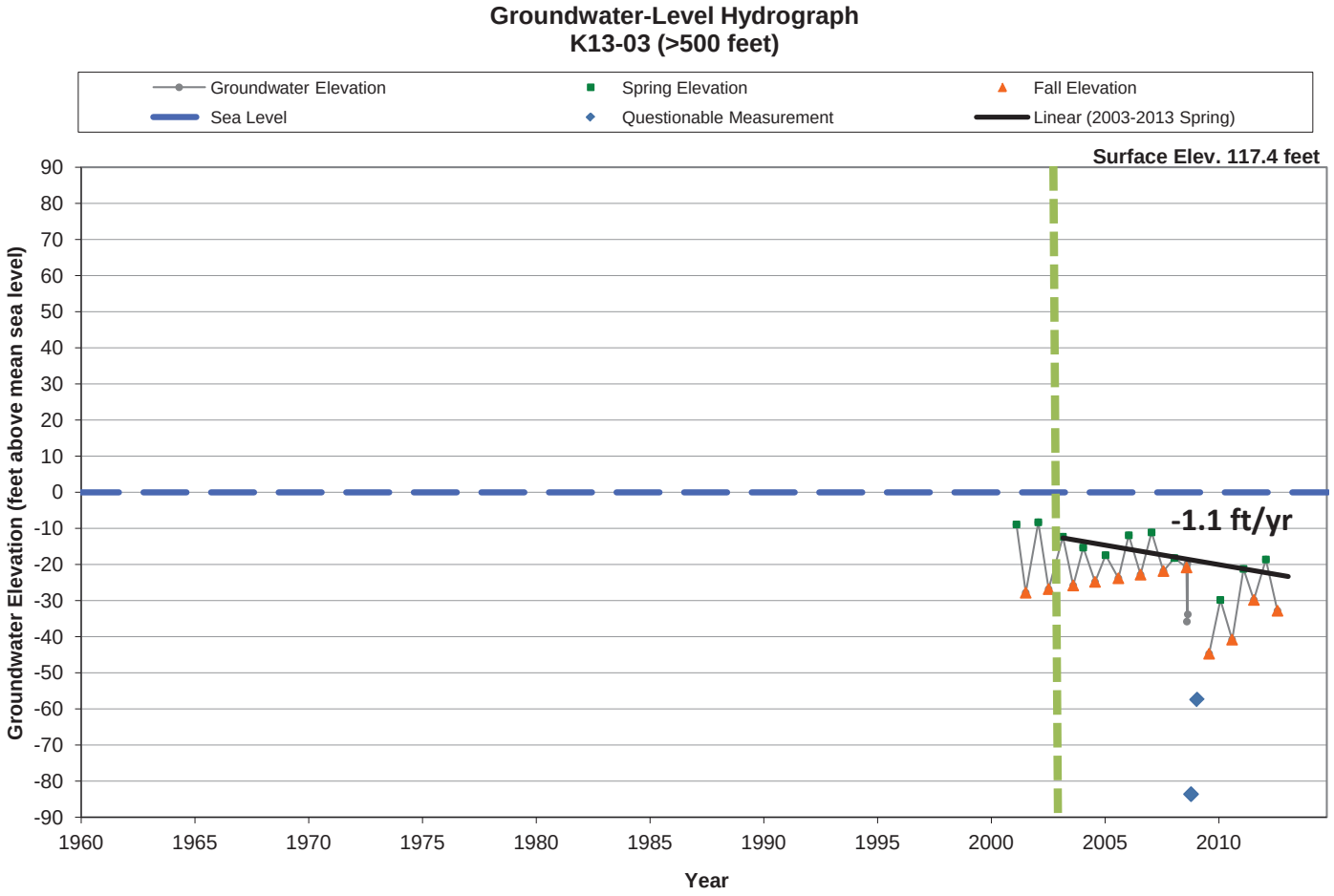


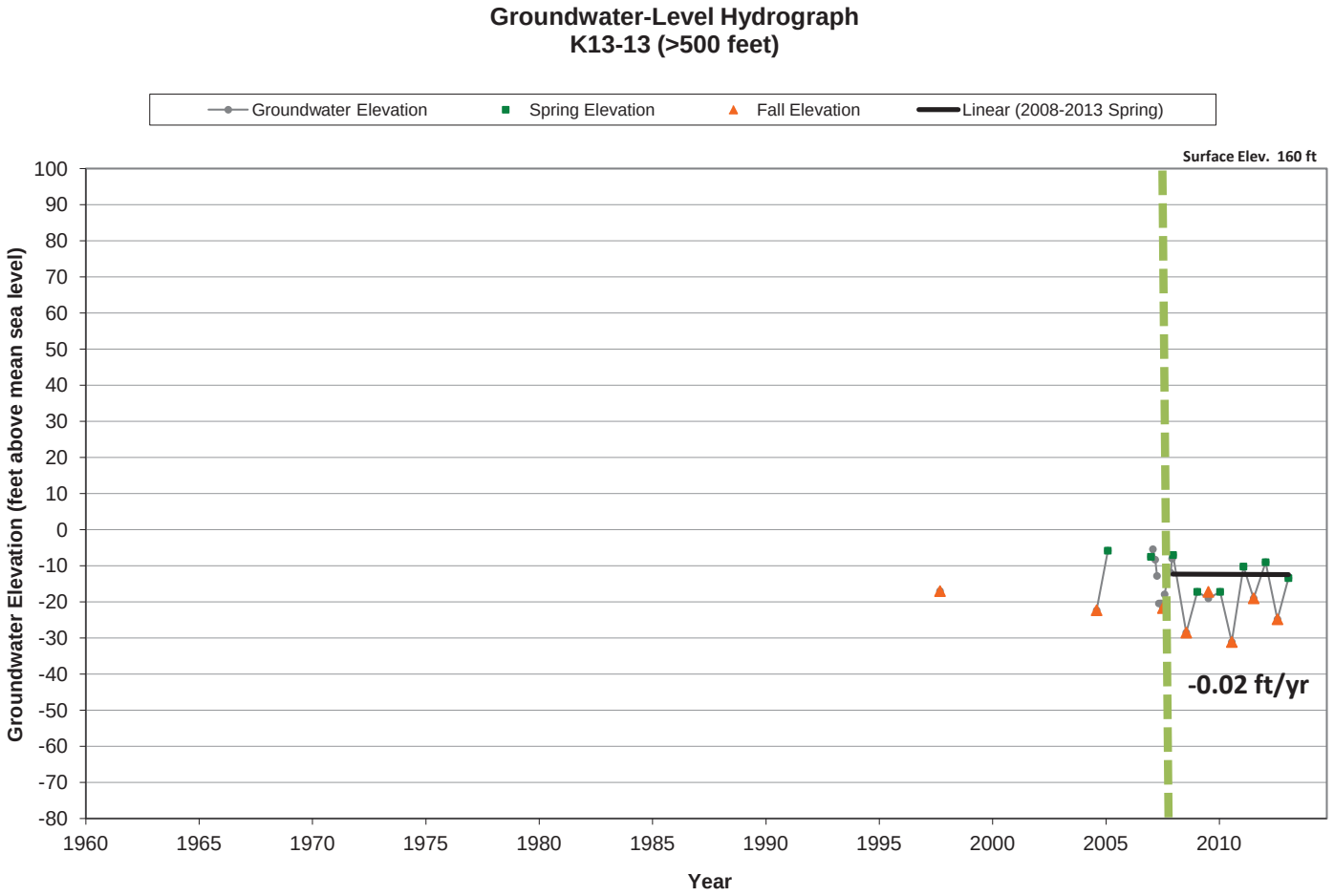
Groundwater-Level Hydrograph
J13-03 (>500 feet)



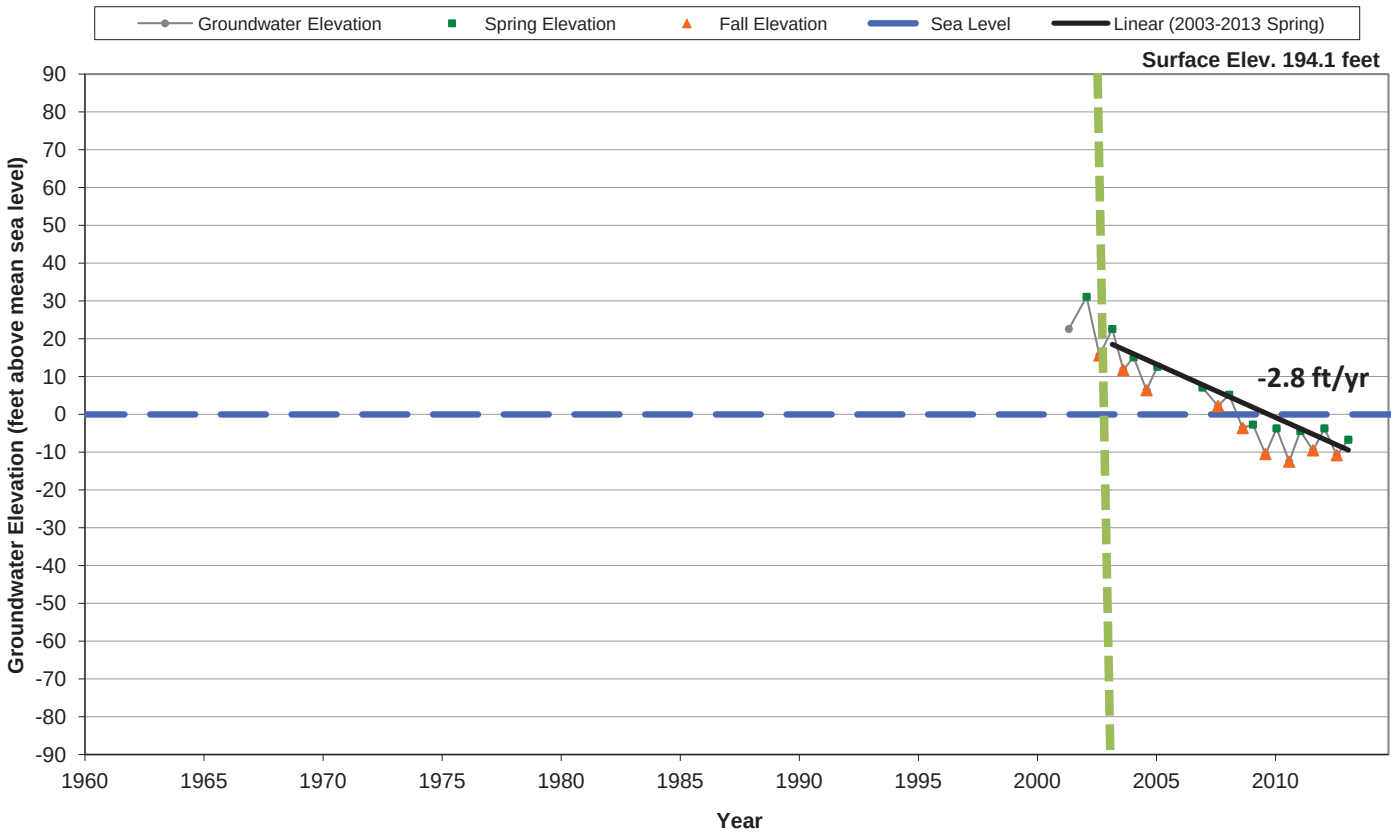

Groundwater-Level Hydrograph
K13-01 (>500 feet)
Groundwater Elevation
Spring Elevation
Fall Elevation
Ground Surface Elevation
Sea Level
Groundwater Elevation (feet above mean sea level)
Year


Groundwater-Level Hydrograph
K13-02 (>500 feet)
Groundwater Elevation
Spring Elevation
Fall Elevation
Surface Elev. 117.4 feet
-0.16 ft/yr
Groundwater Elevation (feet above mean sea level)
Year

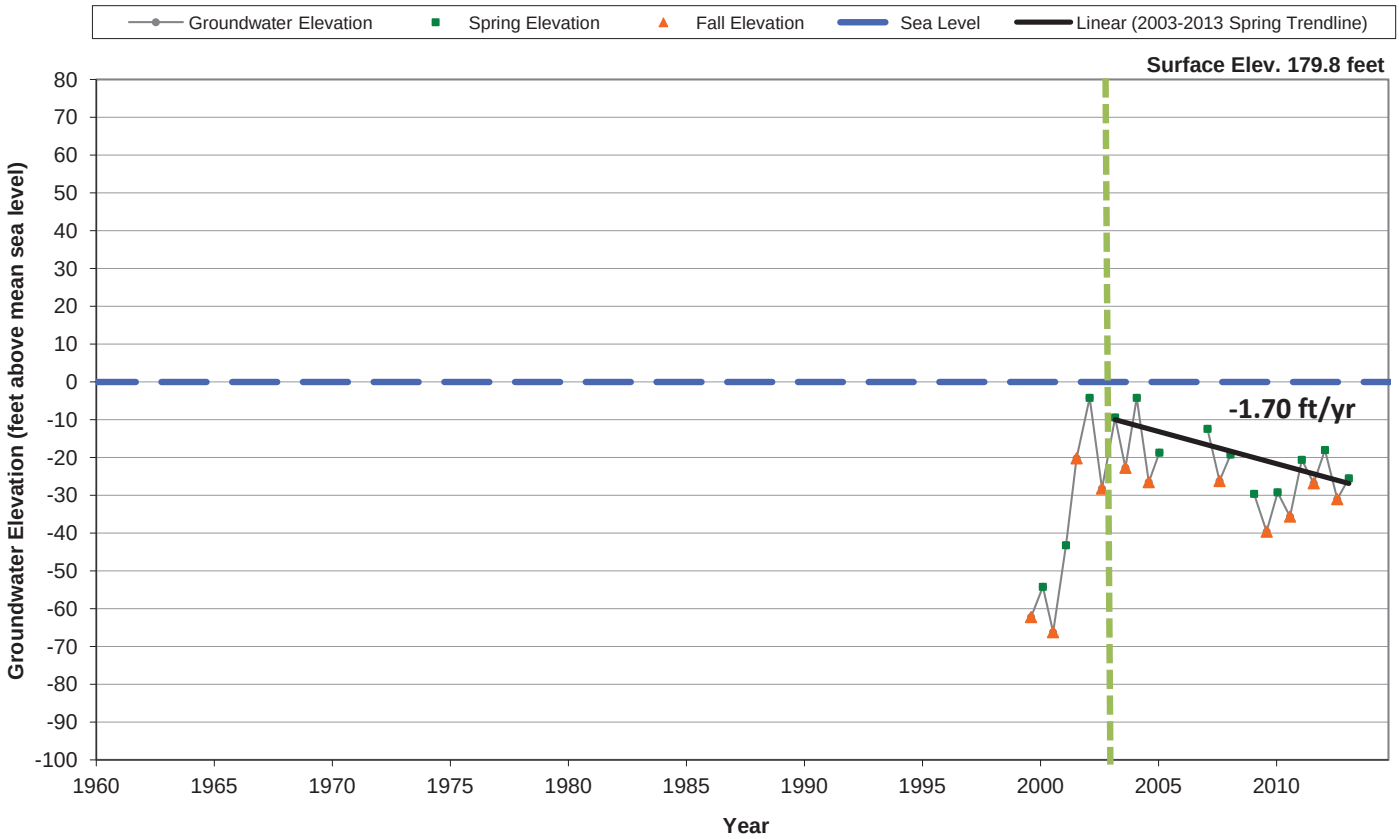

Groundwater-Level Hydrograph
K13-03 (>500 feet)
Groundwater Elevation
Spring Elevation
Fall Elevation
Sea Level
Questionable Measurement
Linear (2003-2013 Spring)
Surface Elev. 117.4 feet
-1.1 ft/yr
Groundwater Elevation (feet above mean sea level)
Year

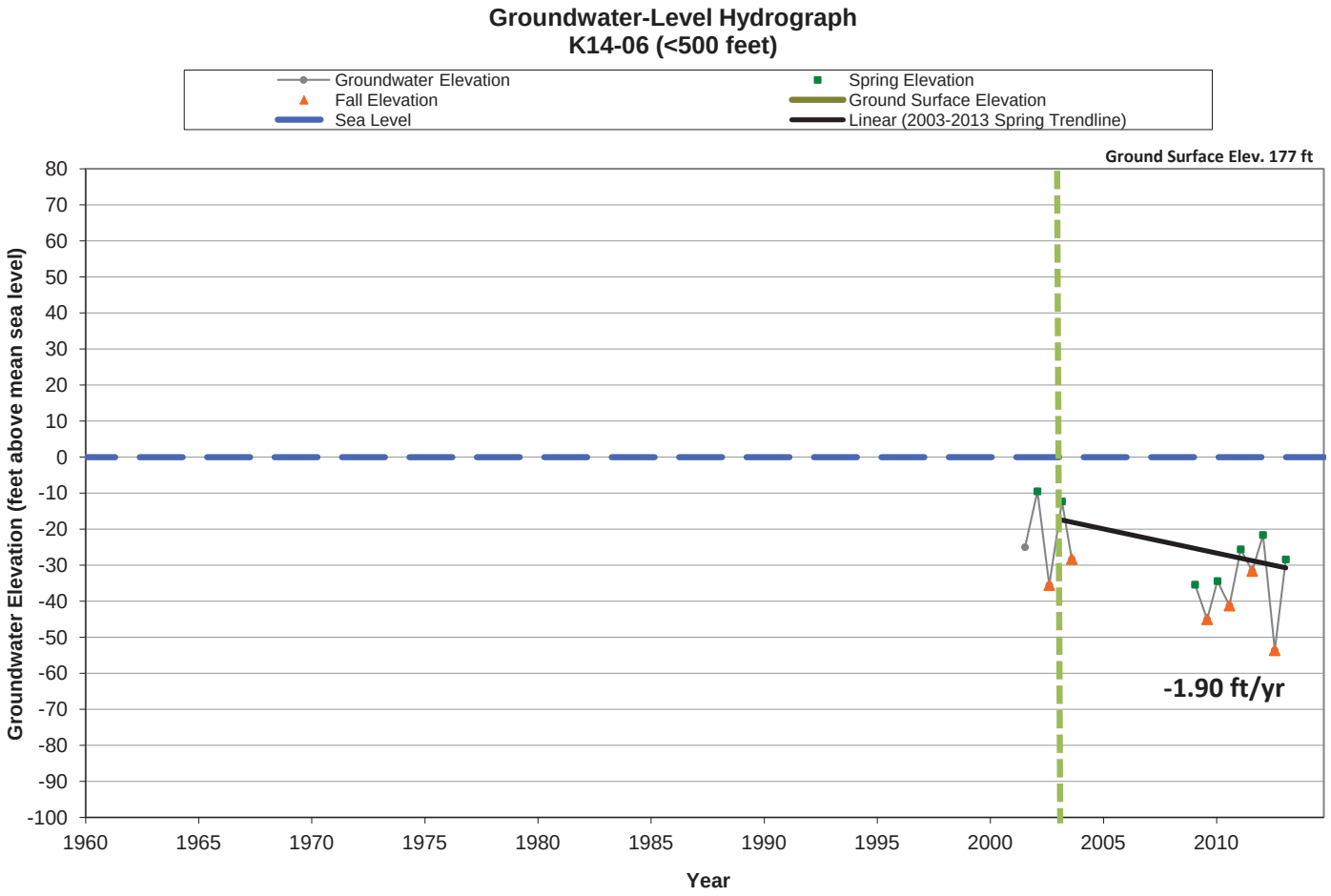

Groundwater-Level Hydrograph
K13-13 (>500 feet)
Groundwater Elevation
Spring Elevation
Fall Elevation
Linear (2008-2013 Spring)
Surface Elev. 160 ft
-0.02 ft/yr
Groundwater Elevation (feet above mean sea level)
Year

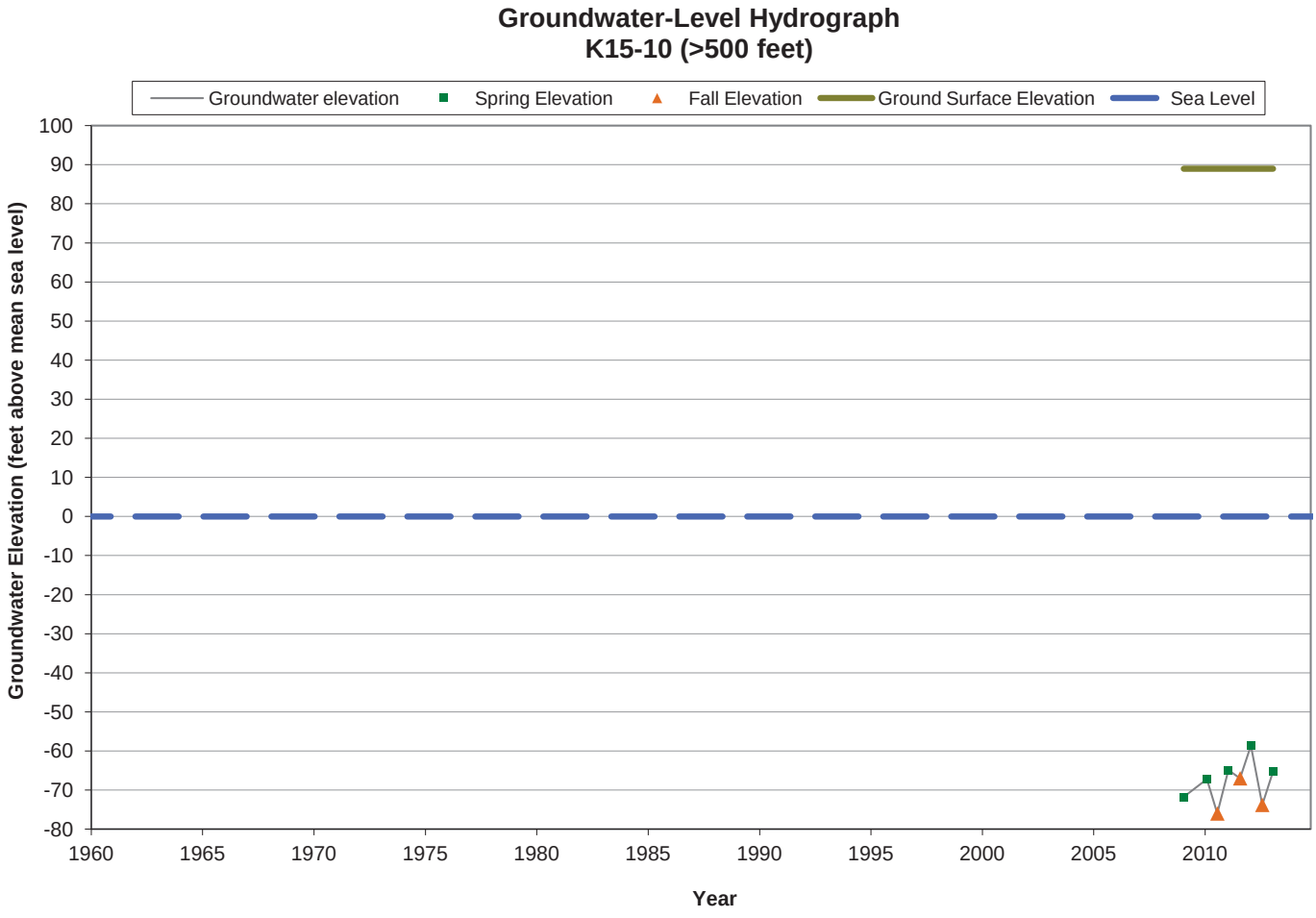
Groundwater-Level Hydrograph
K14-01 (>500 feet)



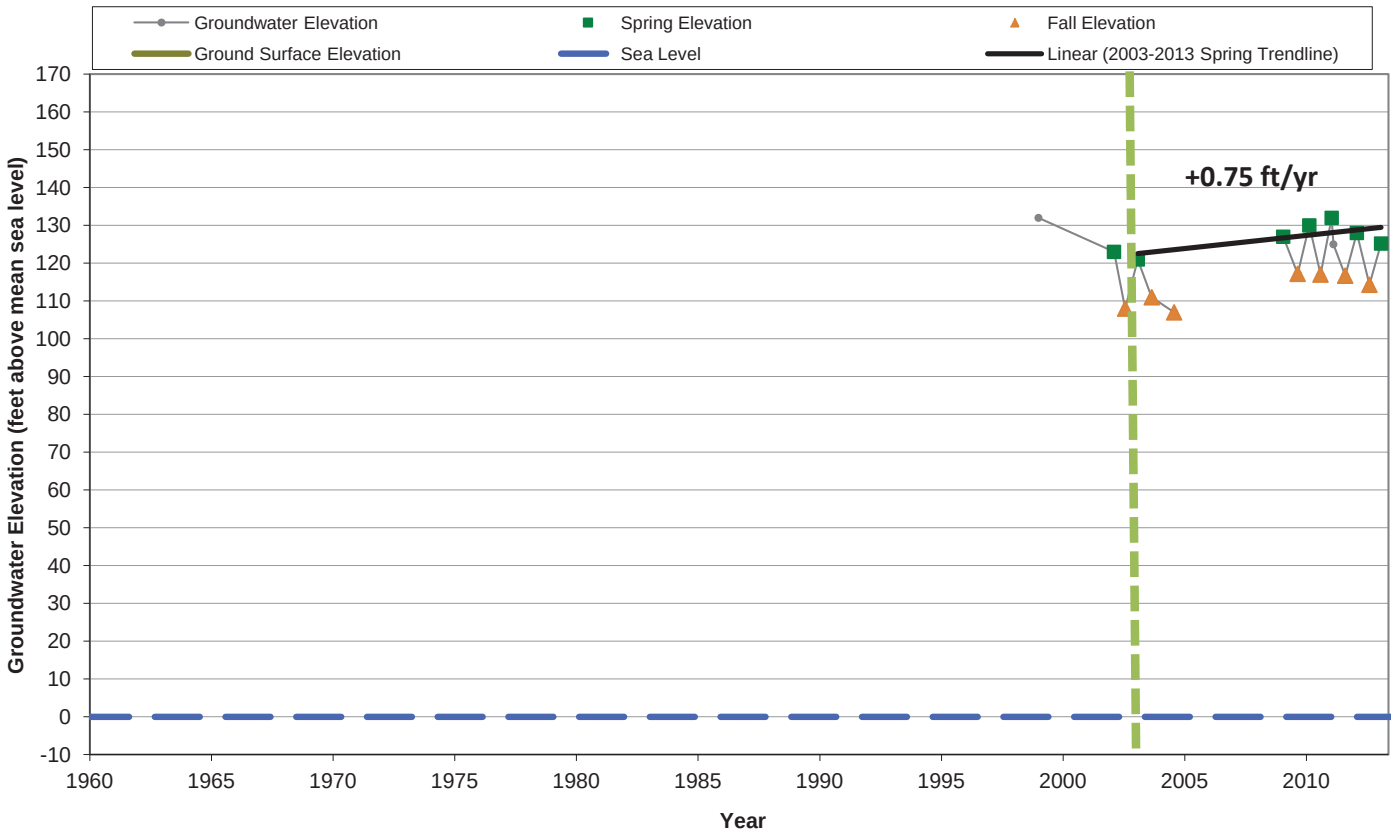
Groundwater-Level Hydrograph
K14-02 (>500 feet)



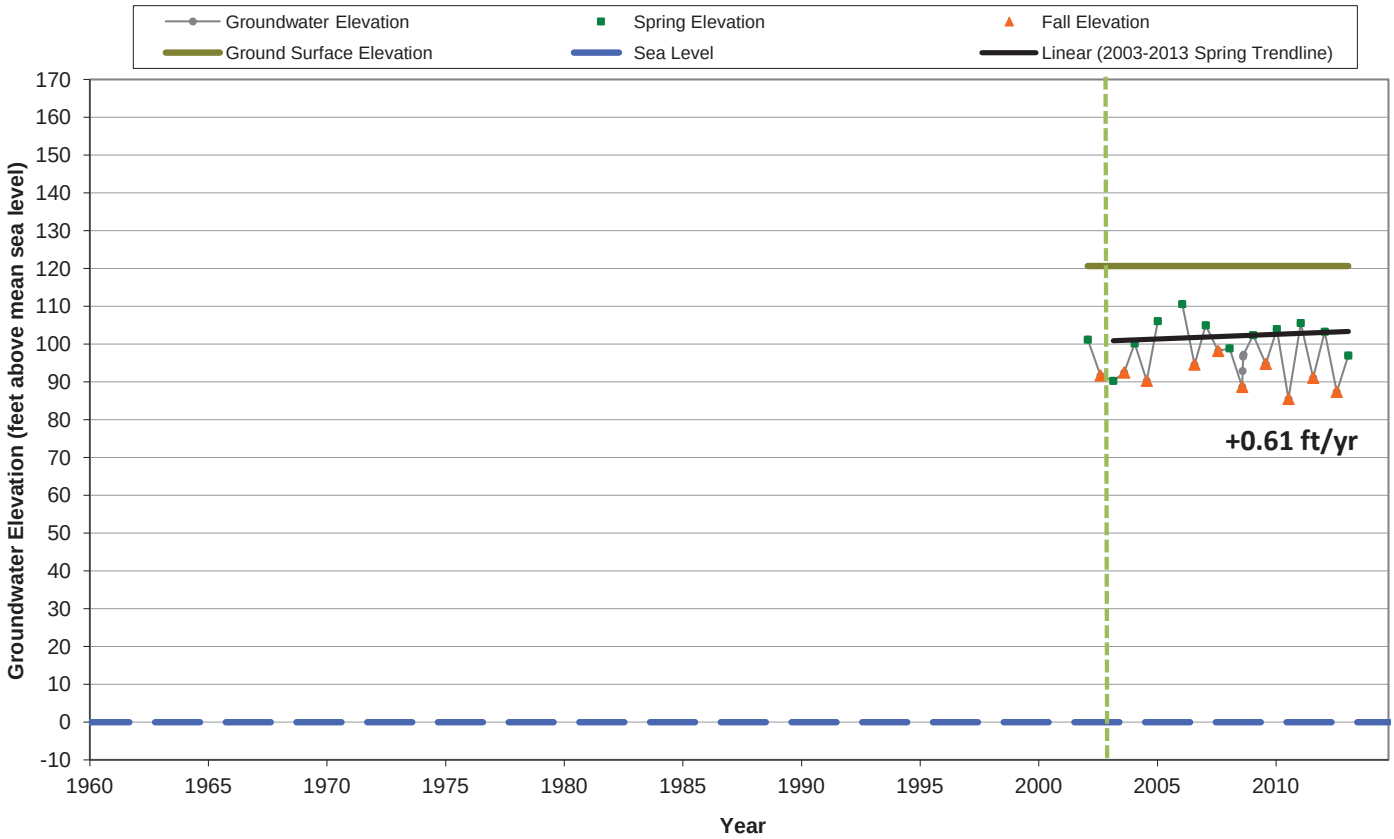

Groundwater-Level Hydrograph
K14-06 (<500 feet)
Groundwater Elevation
Spring Elevation
Fall Elevation
Ground Surface Elevation
Sea Level
Linear (2003-2013 Spring Trendline)
Ground Surface Elev. 177 ft
-1.90 ft/yr
Groundwater Elevation (feet above mean sea level)
Year


Groundwater-Level Hydrograph
K15-10 (>500 feet)
Groundwater elevation
Spring Elevation
Fall Elevation
Ground Surface Elevation
Sea Level
Groundwater Elevation (feet above mean sea level)
Year

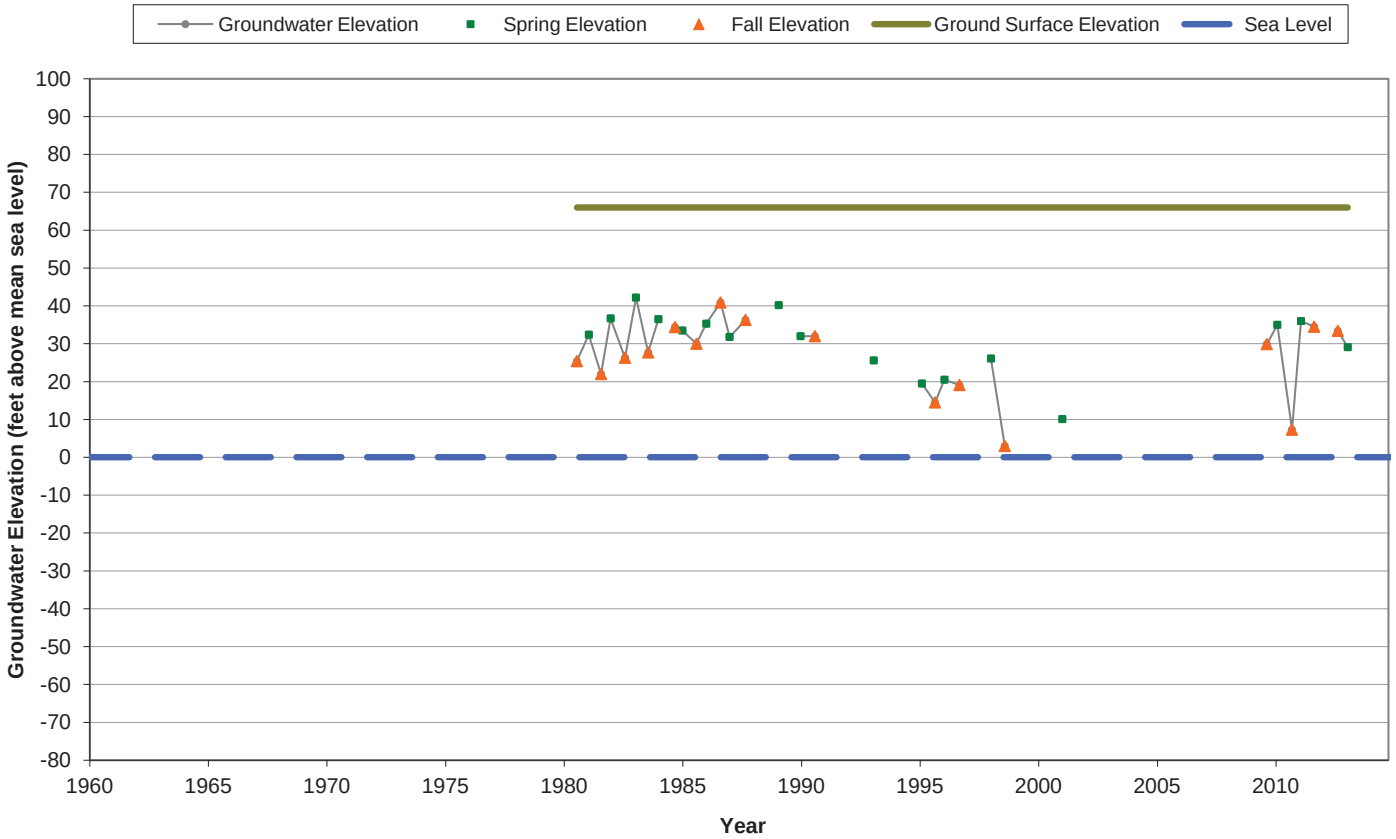
Groundwater-Level Hydrograph
L11-05 (>500 feet)



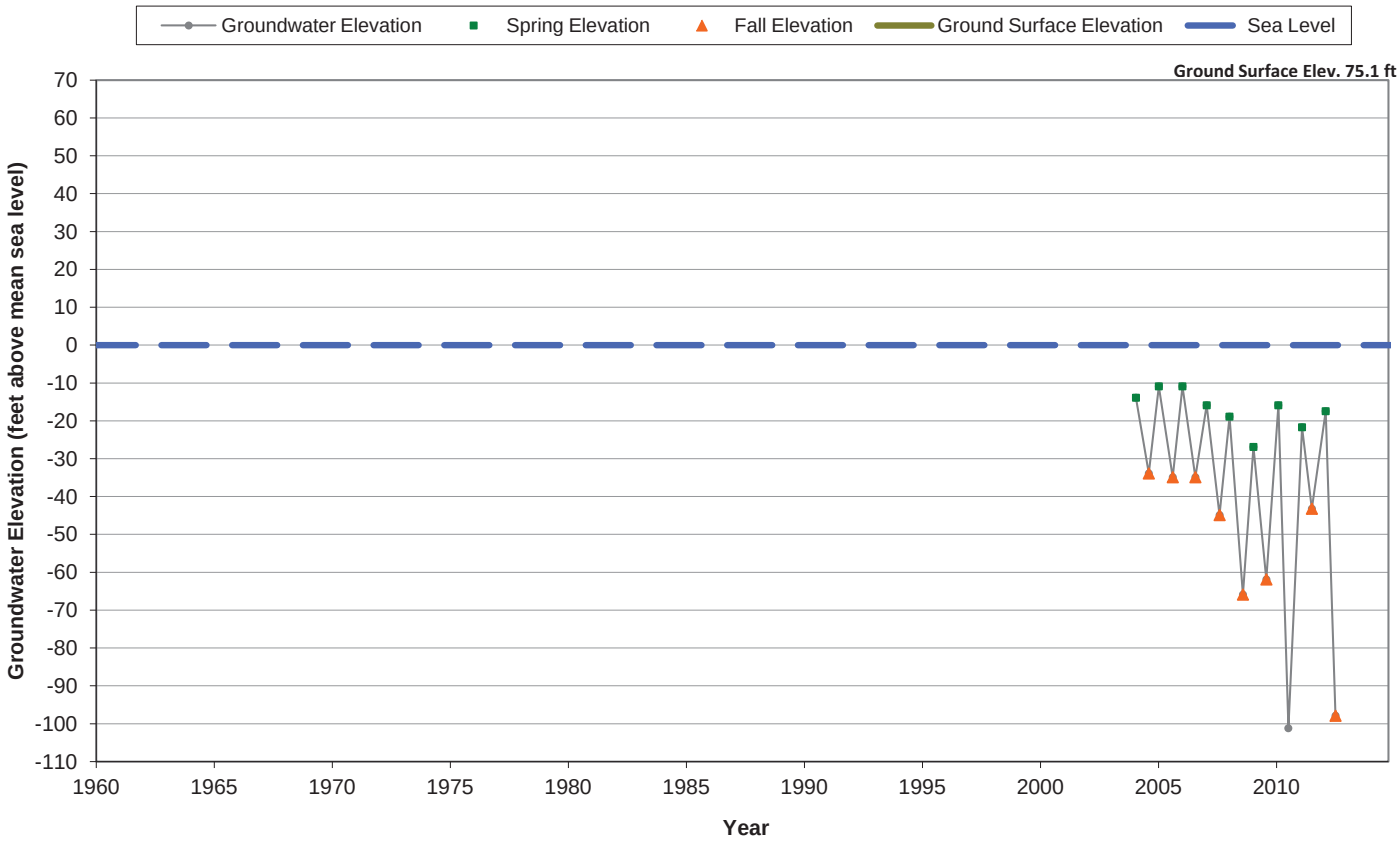
Groundwater-Level Hydrograph
L13-01 (>500 feet)



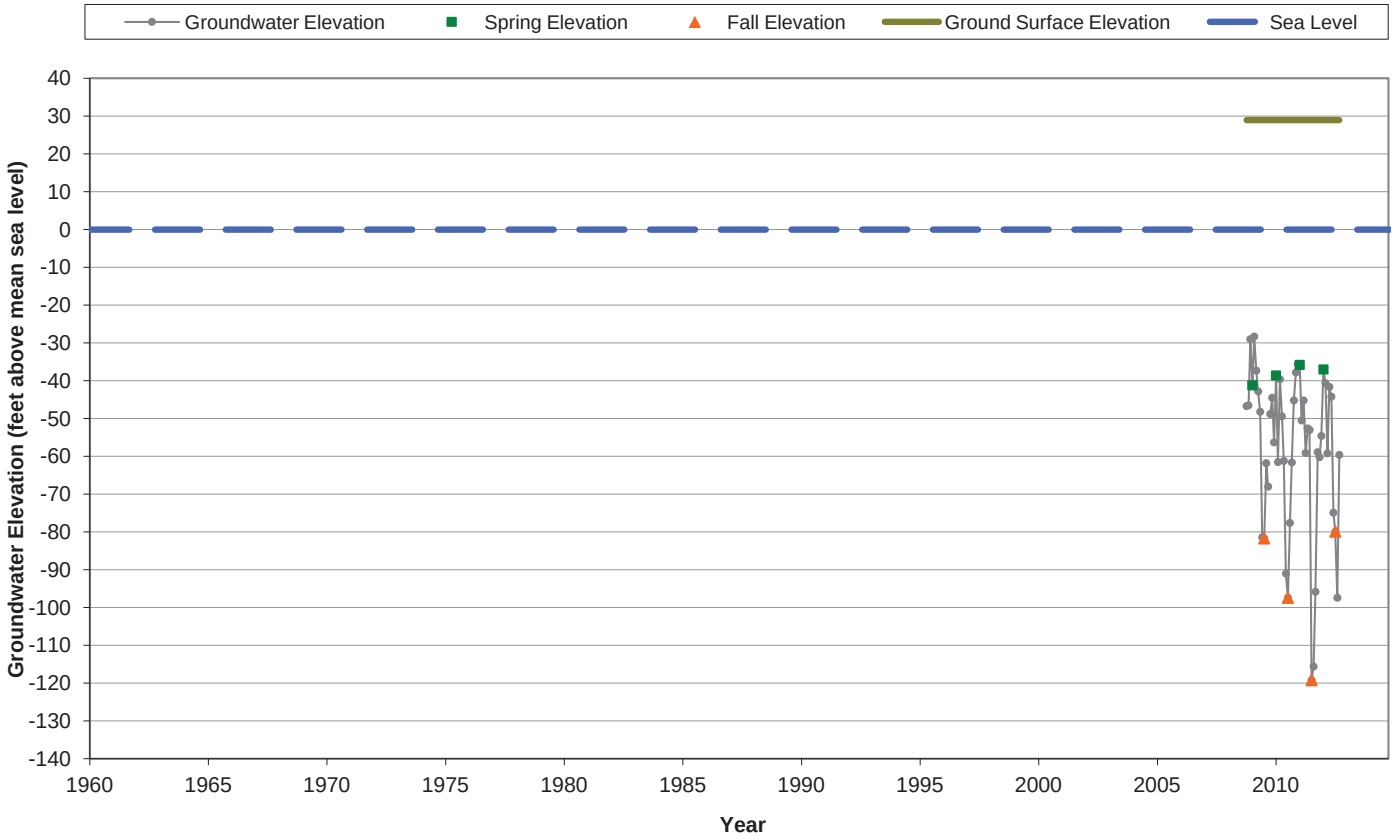
Groundwater-Level Hydrograph
L14-01 (>500 feet)



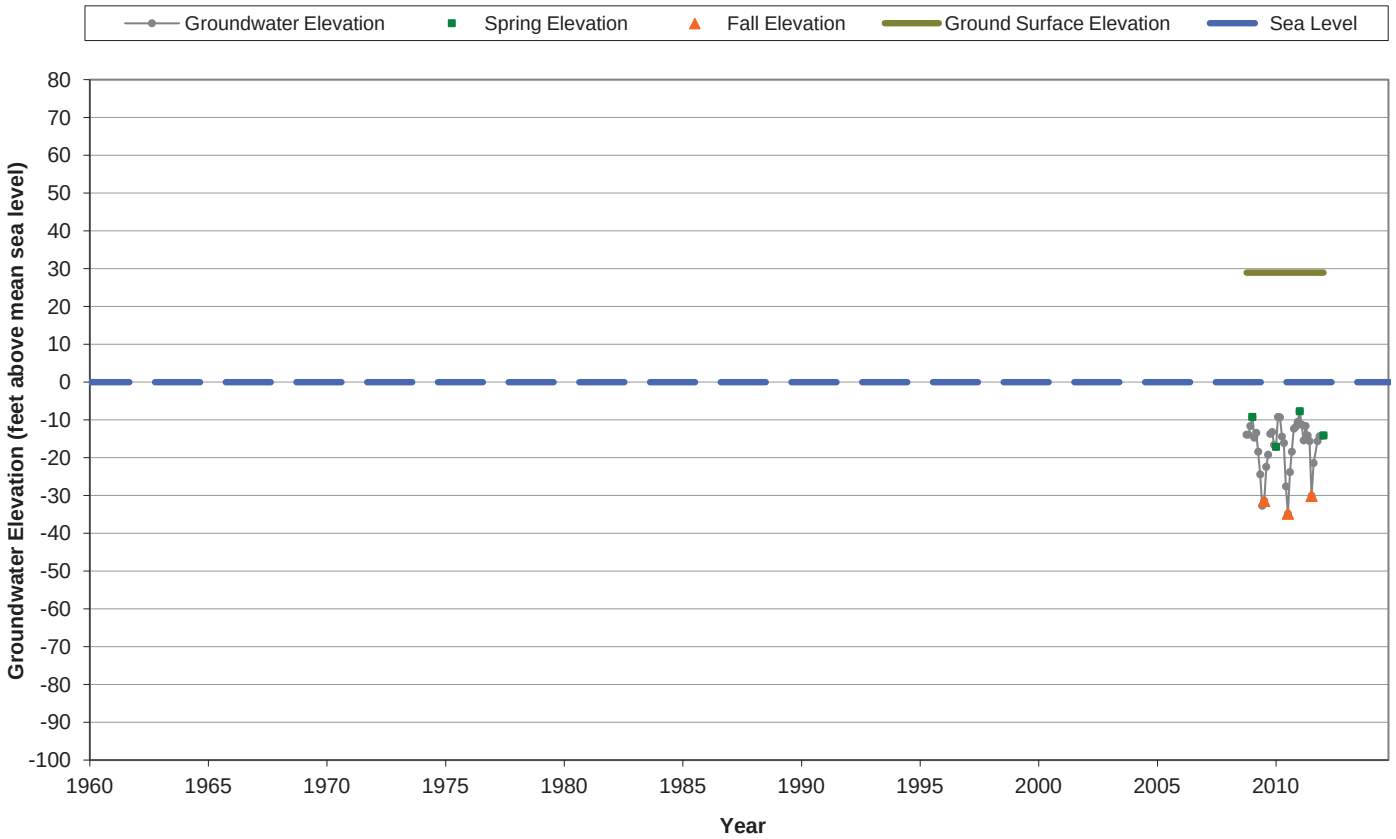
Groundwater-Level Hydrograph
N14-01 (>500 feet)



Groundwater-Level Hydrograph
N15-03 (>500 feet)

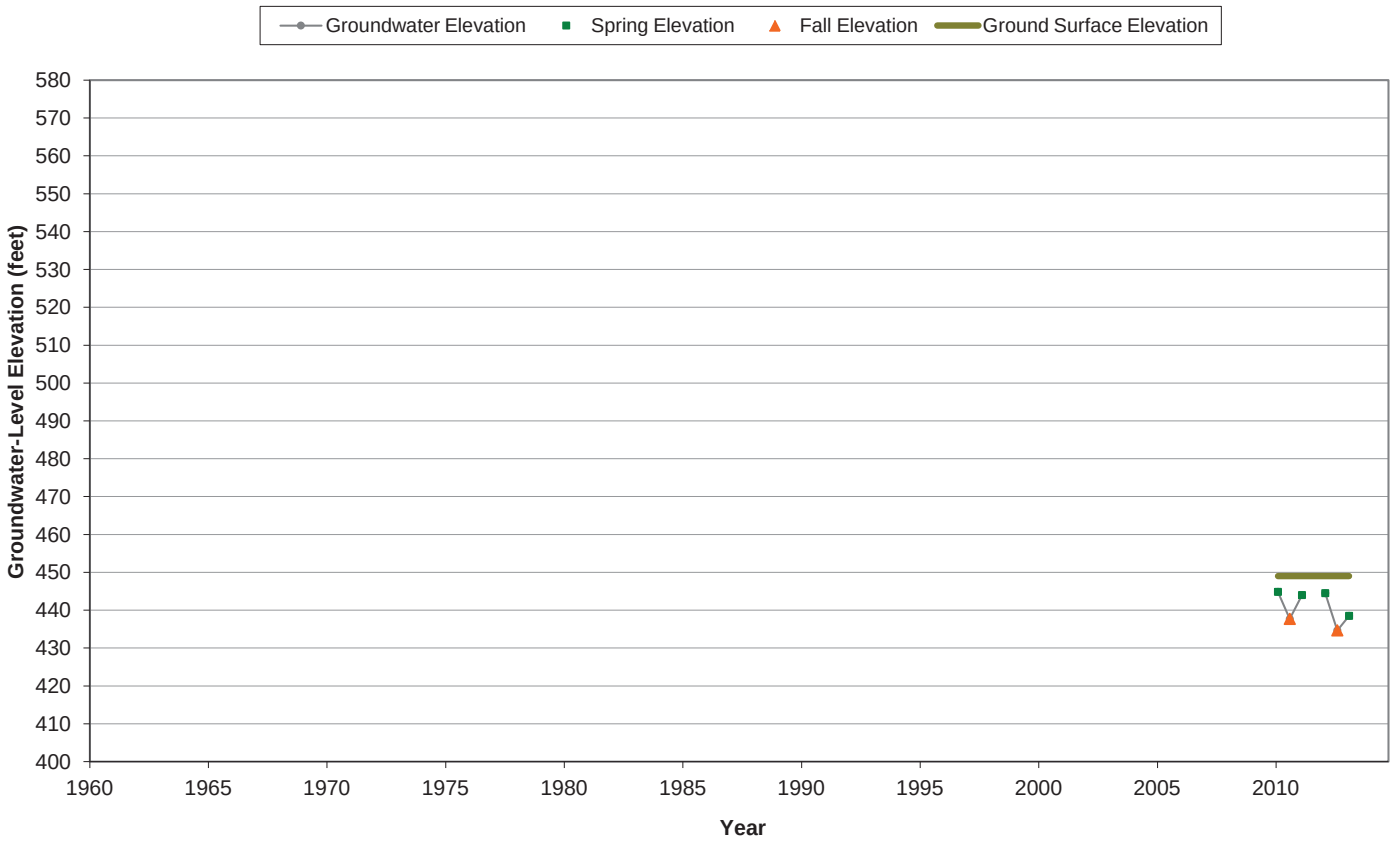


Groundwater-Level Hydrograph
N16-05 (>500 feet)

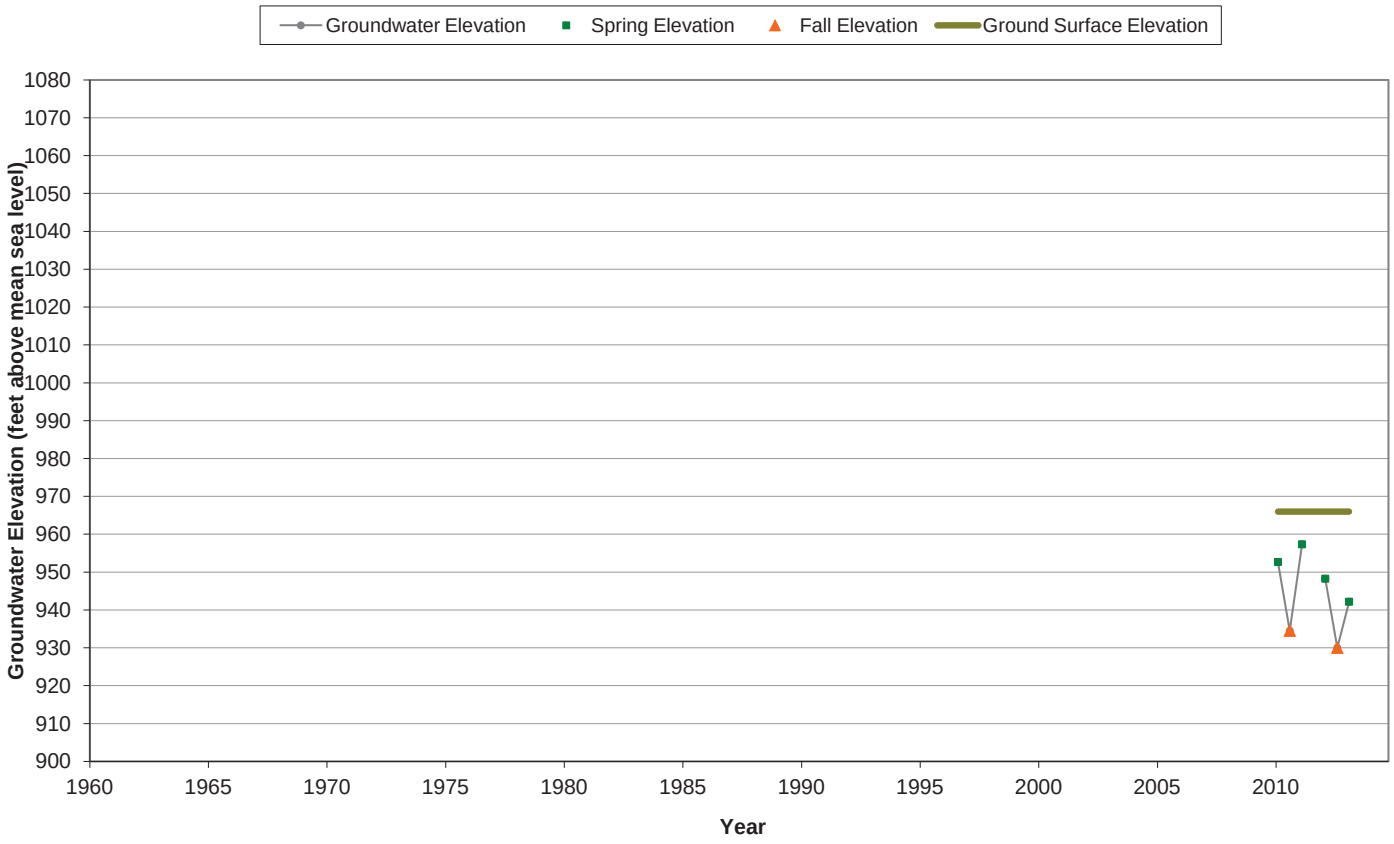


Groundwater Hydrographs
Unknown Depth

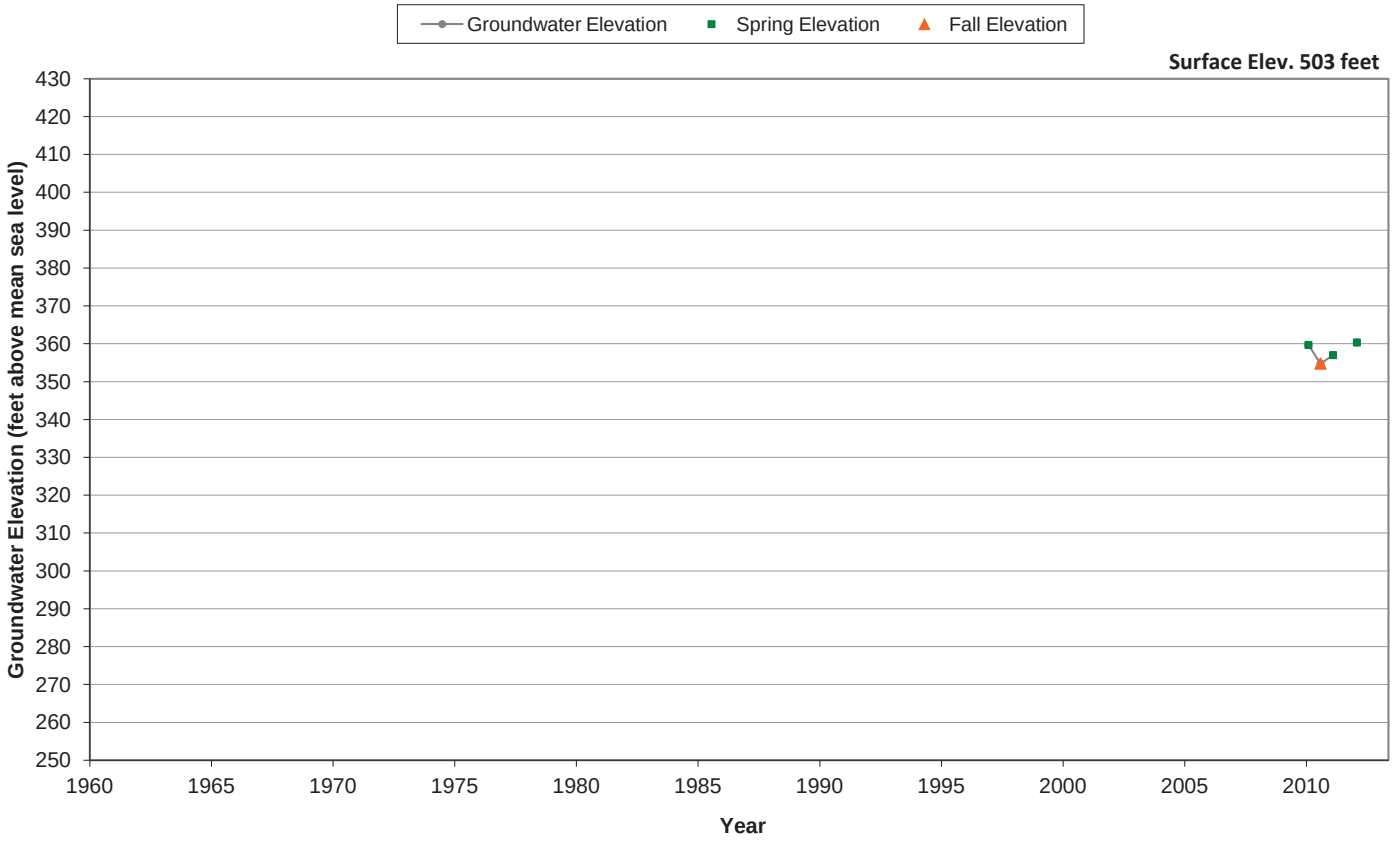
Groundwater-Level Hydrograph
G04-06



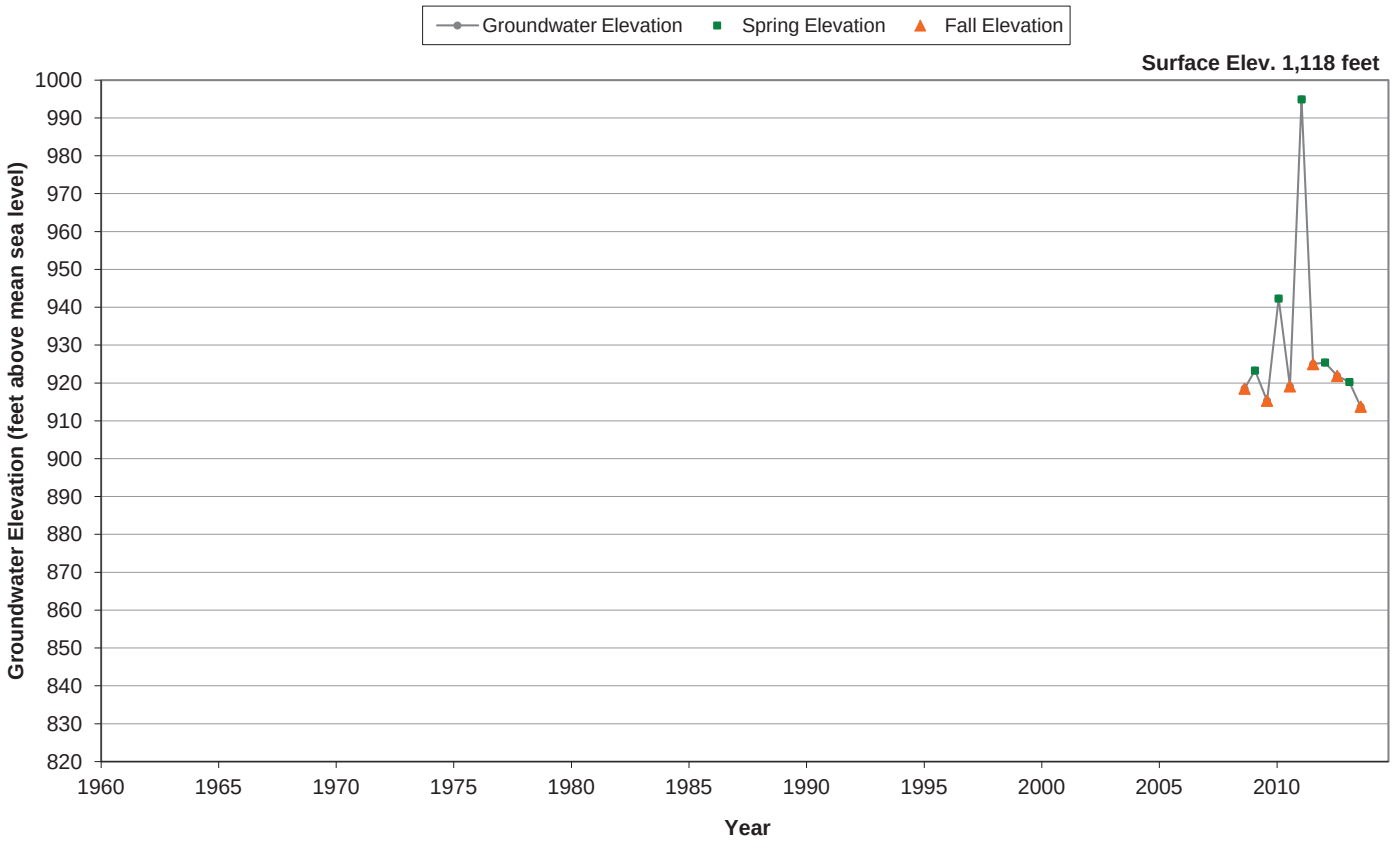
Groundwater-Level Hydrograph
G08-01



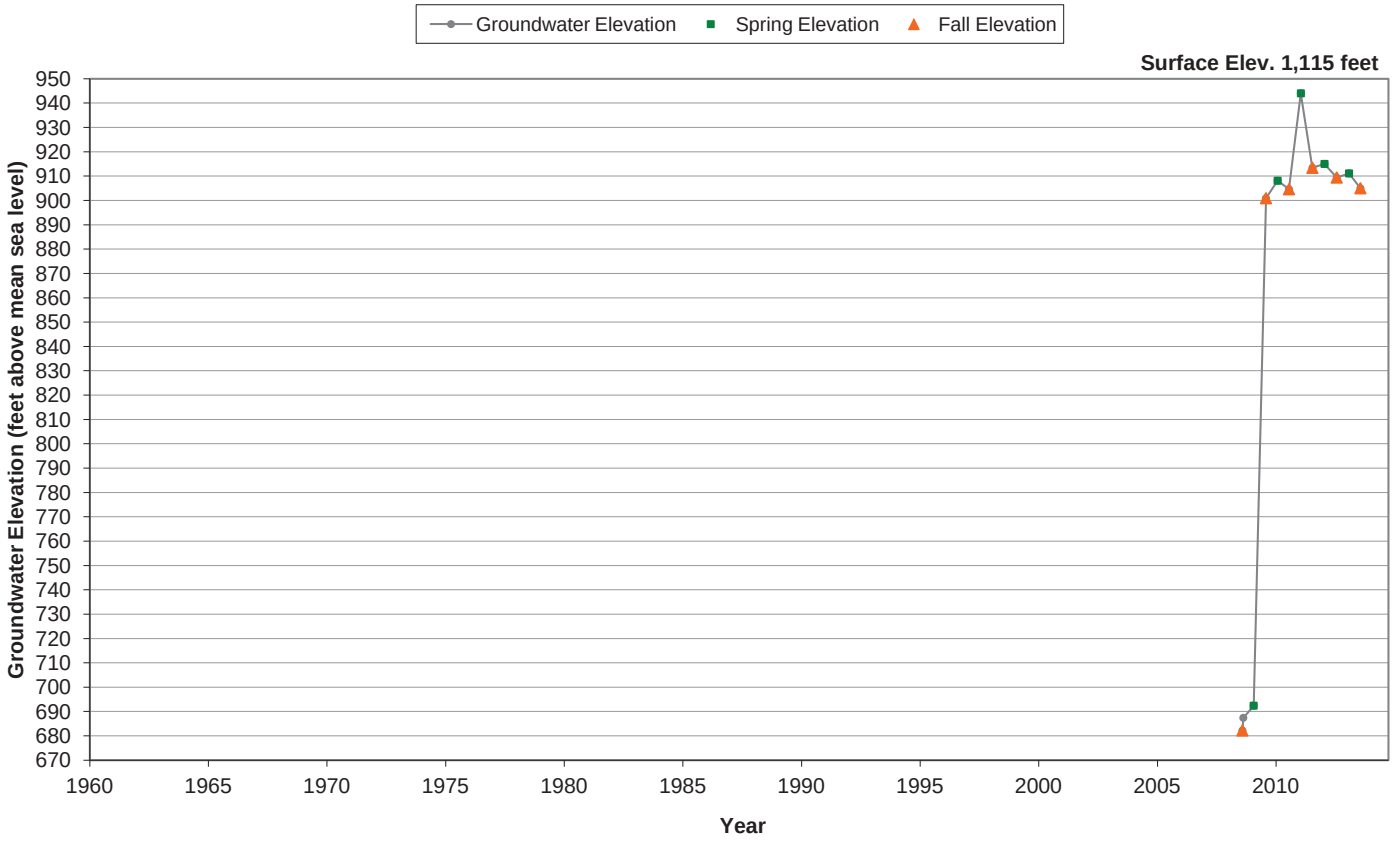
Groundwater-Level Hydrograph
H06-03



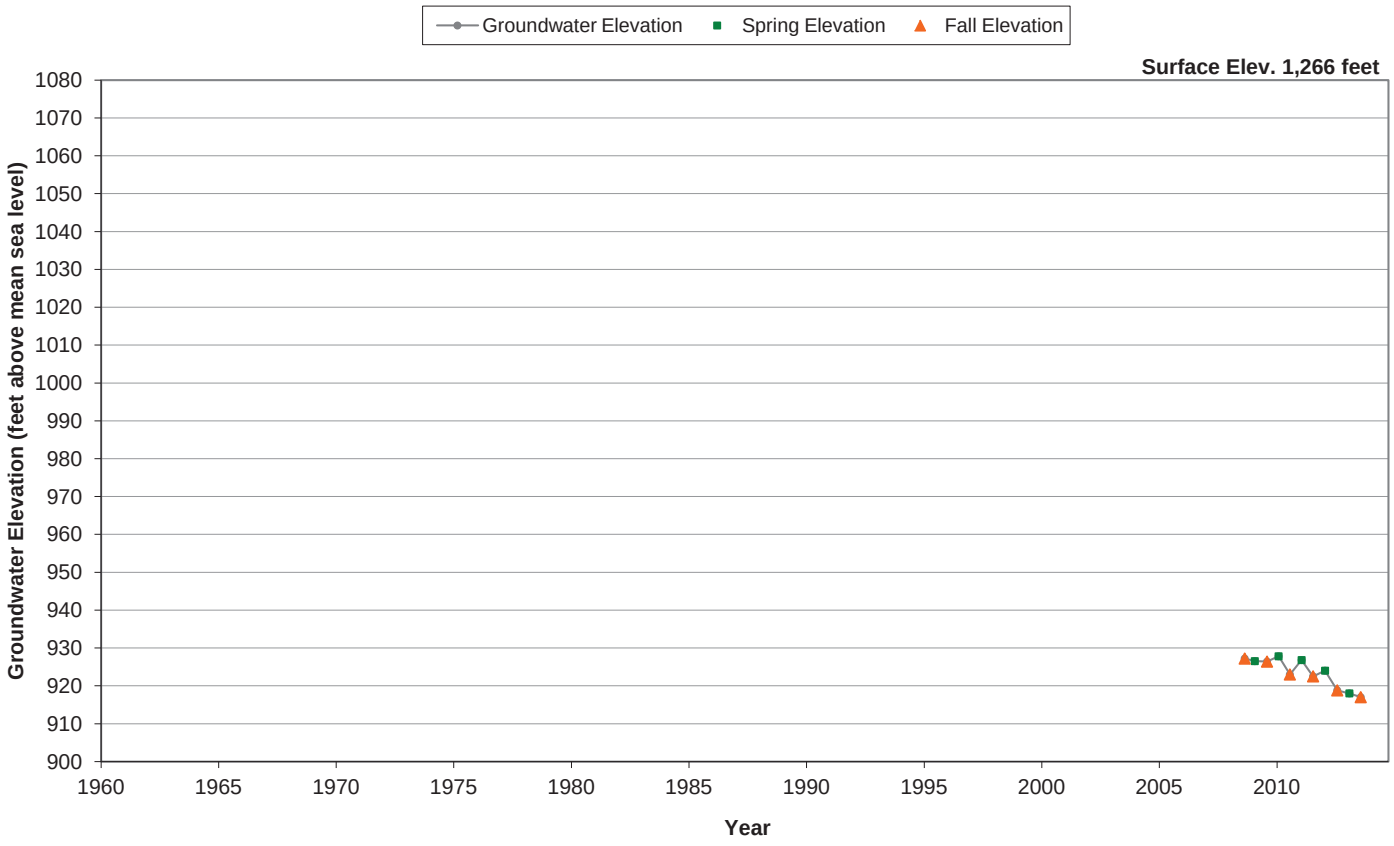
Groundwater-Level Hydrograph
H14-01



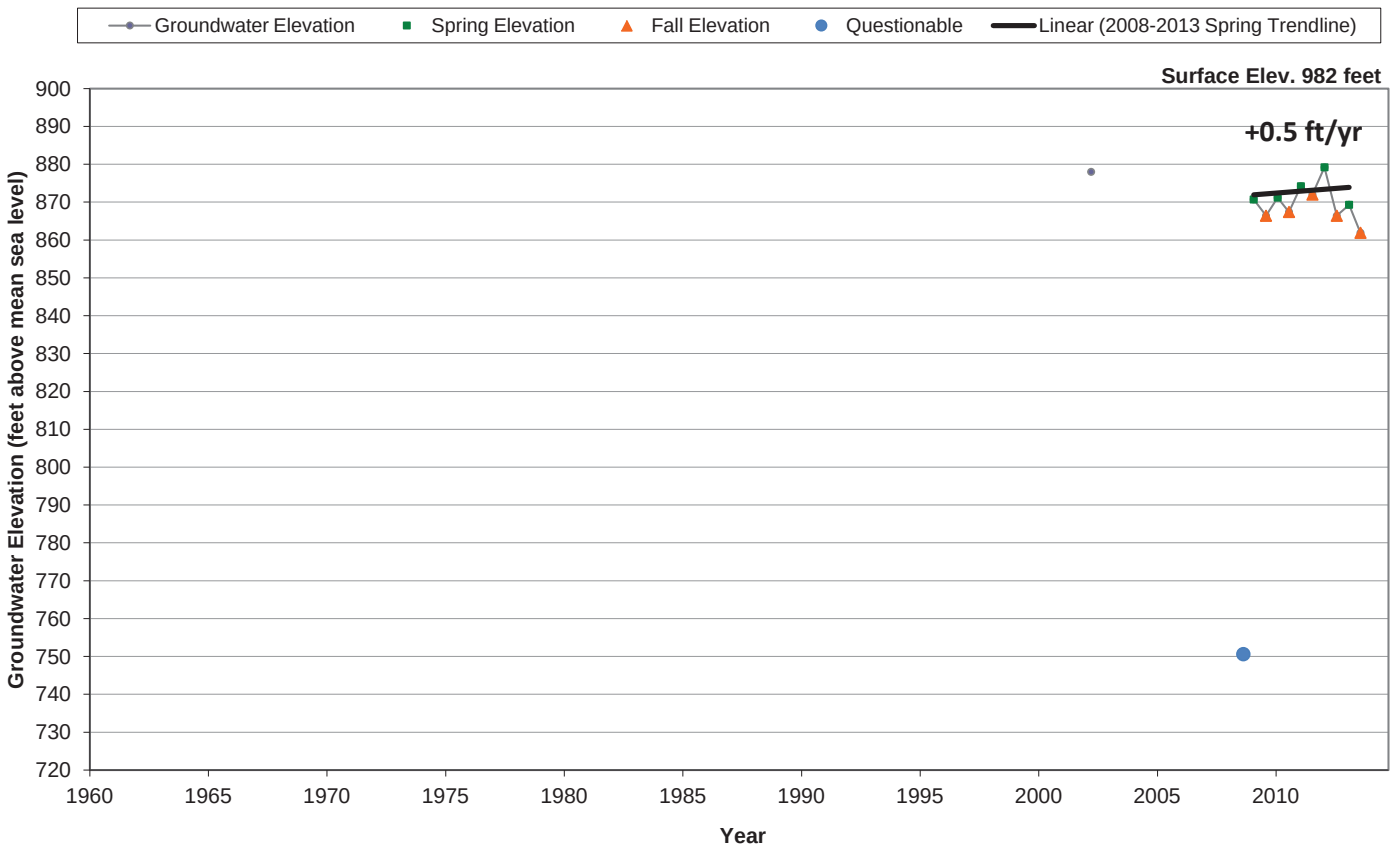
Groundwater-Level Hydrograph
H14-02



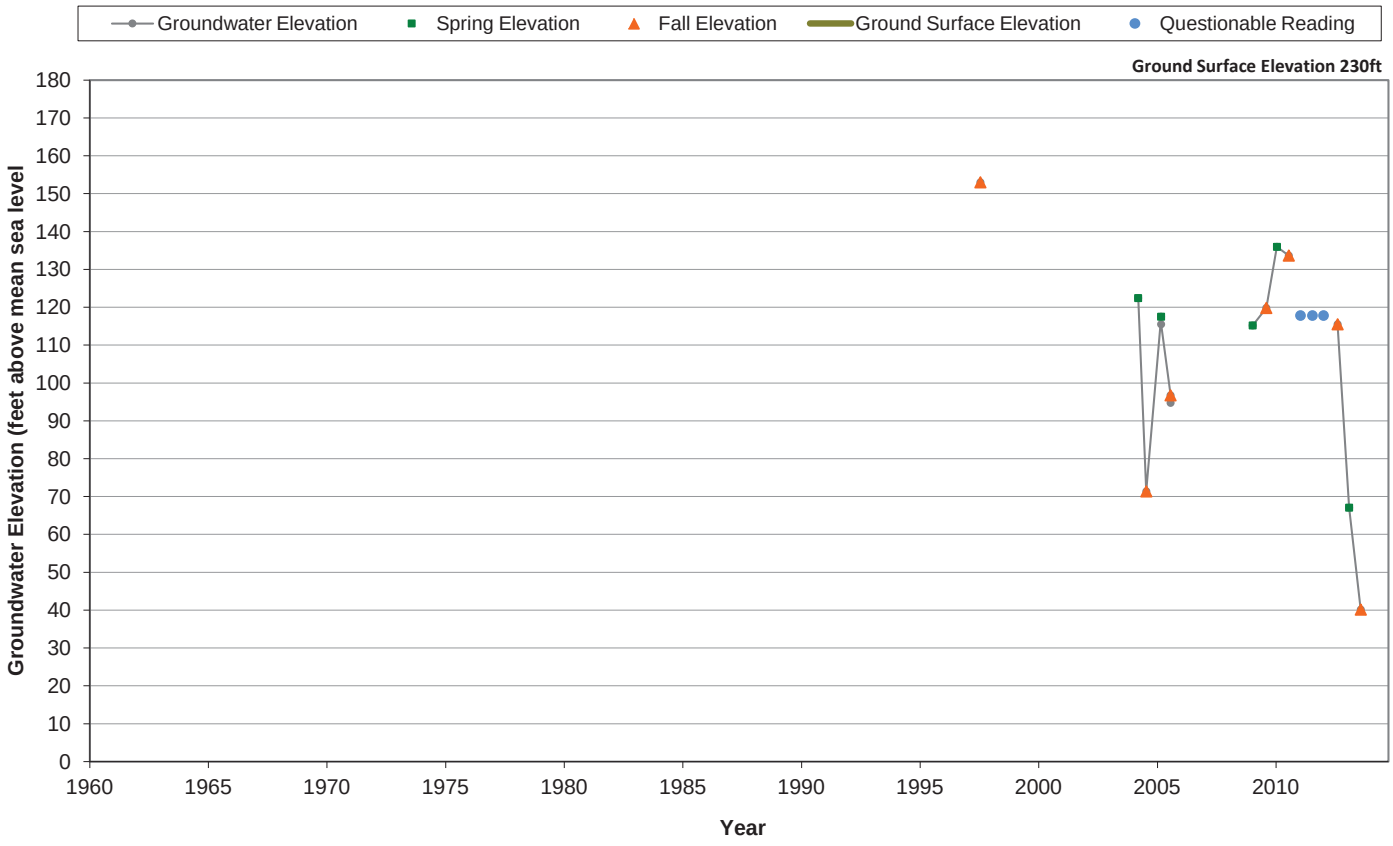
Groundwater-Level Hydrograph
H14-03



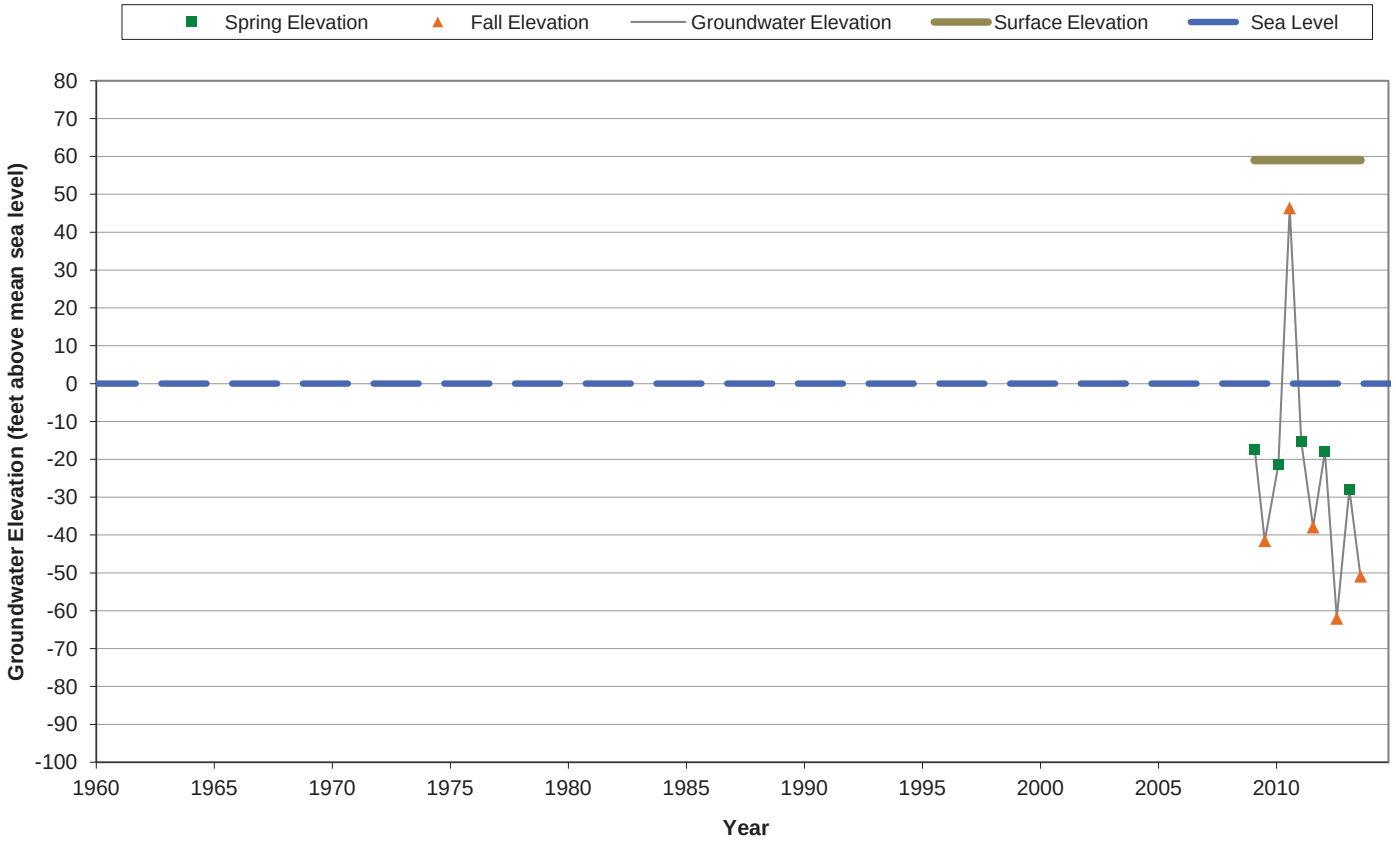
Groundwater-Level Hydrograph
I13-01



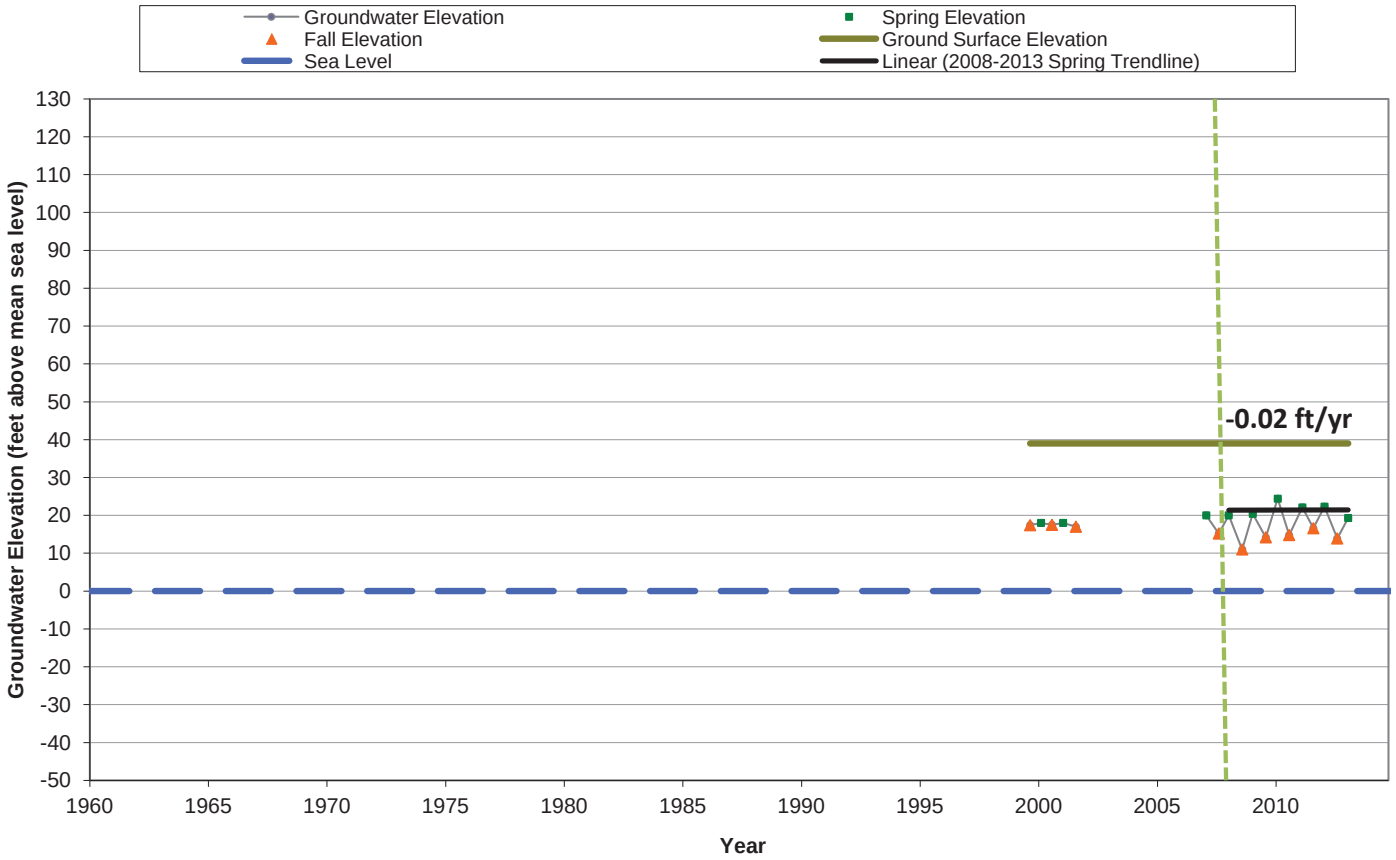
Groundwater-Level Hydrograph
L22-01



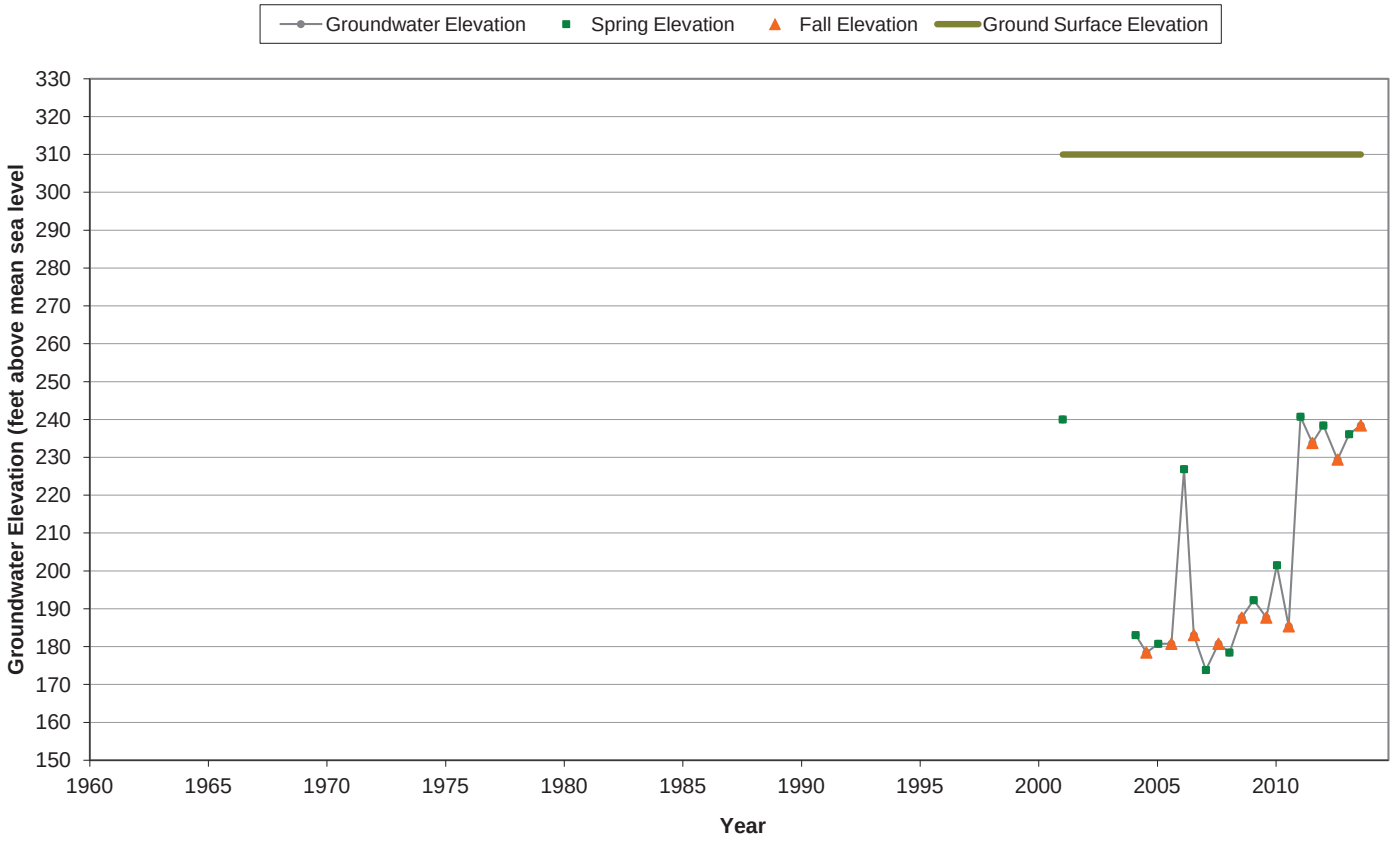
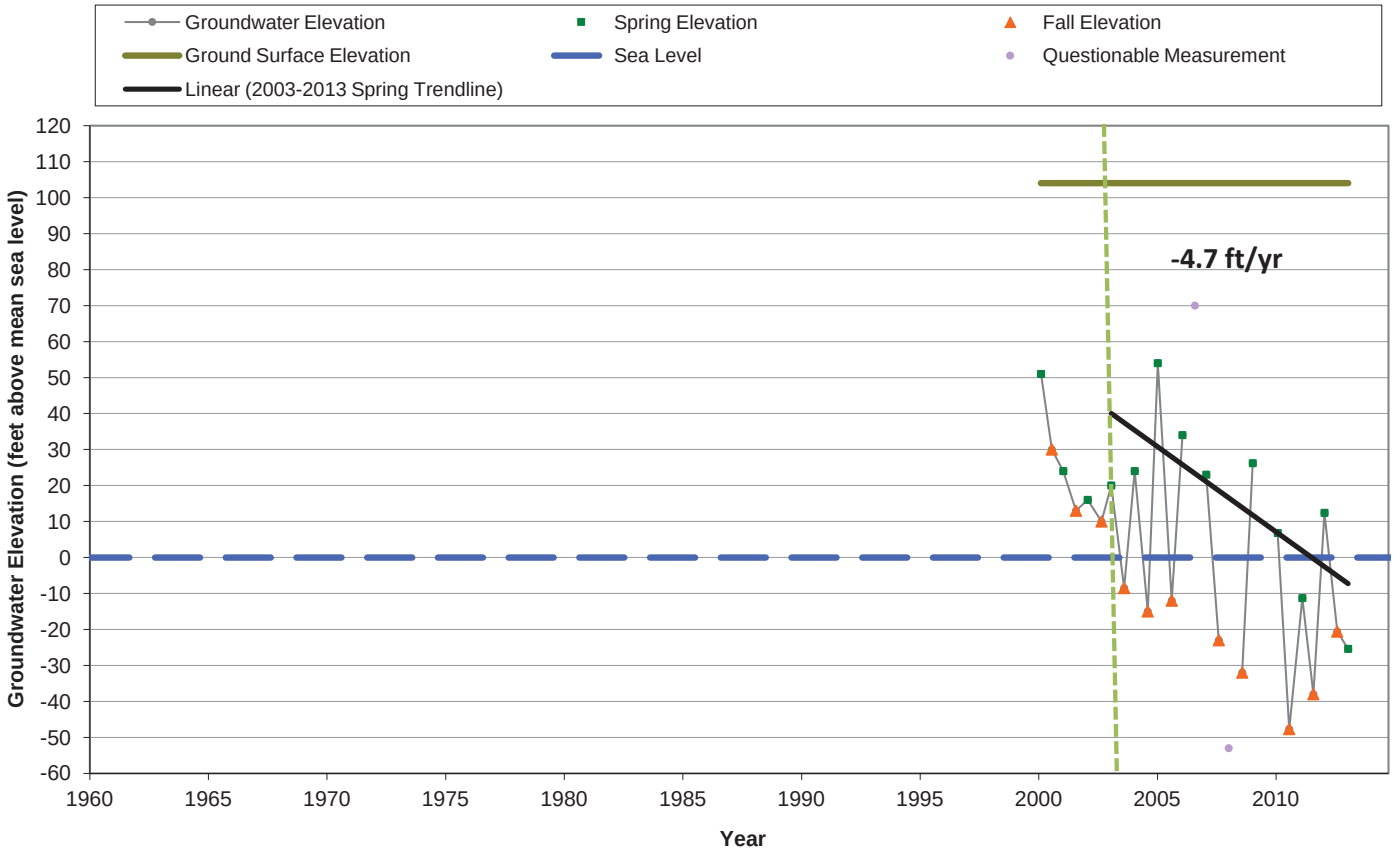
Groundwater-Level Hydrograph
M14-01



Groundwater-Level Hydrograph
M15-02



Groundwater-Level Hydrograph
M23-01



Groundwater-Level Hydrograph
N13-01