



Wood River Valley Hydrograph Update

Presented to the WRV MTAC 3/3/2022

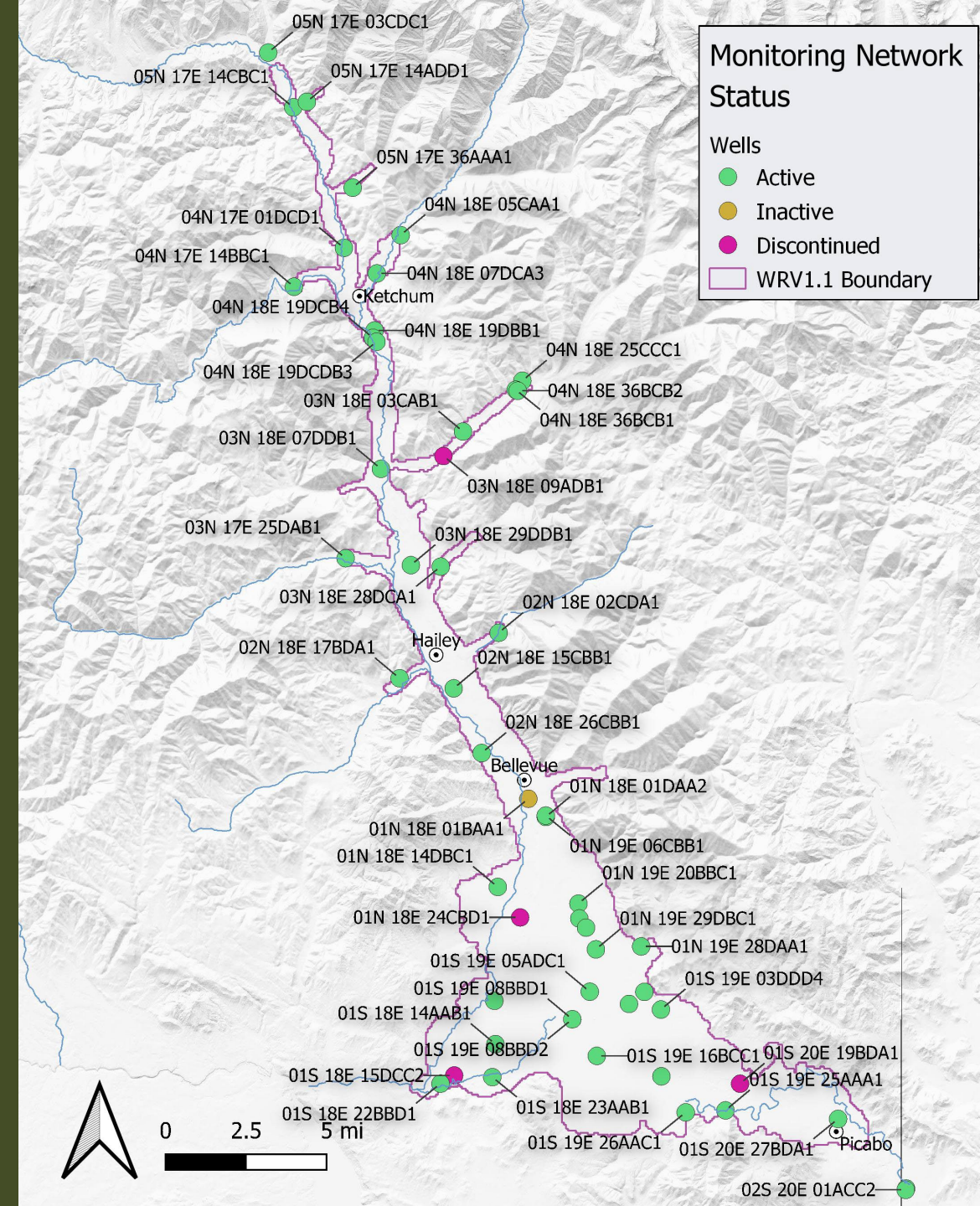
By Alex Moody



IDAHO DEPARTMENT OF
WATER RESOURCES

Status

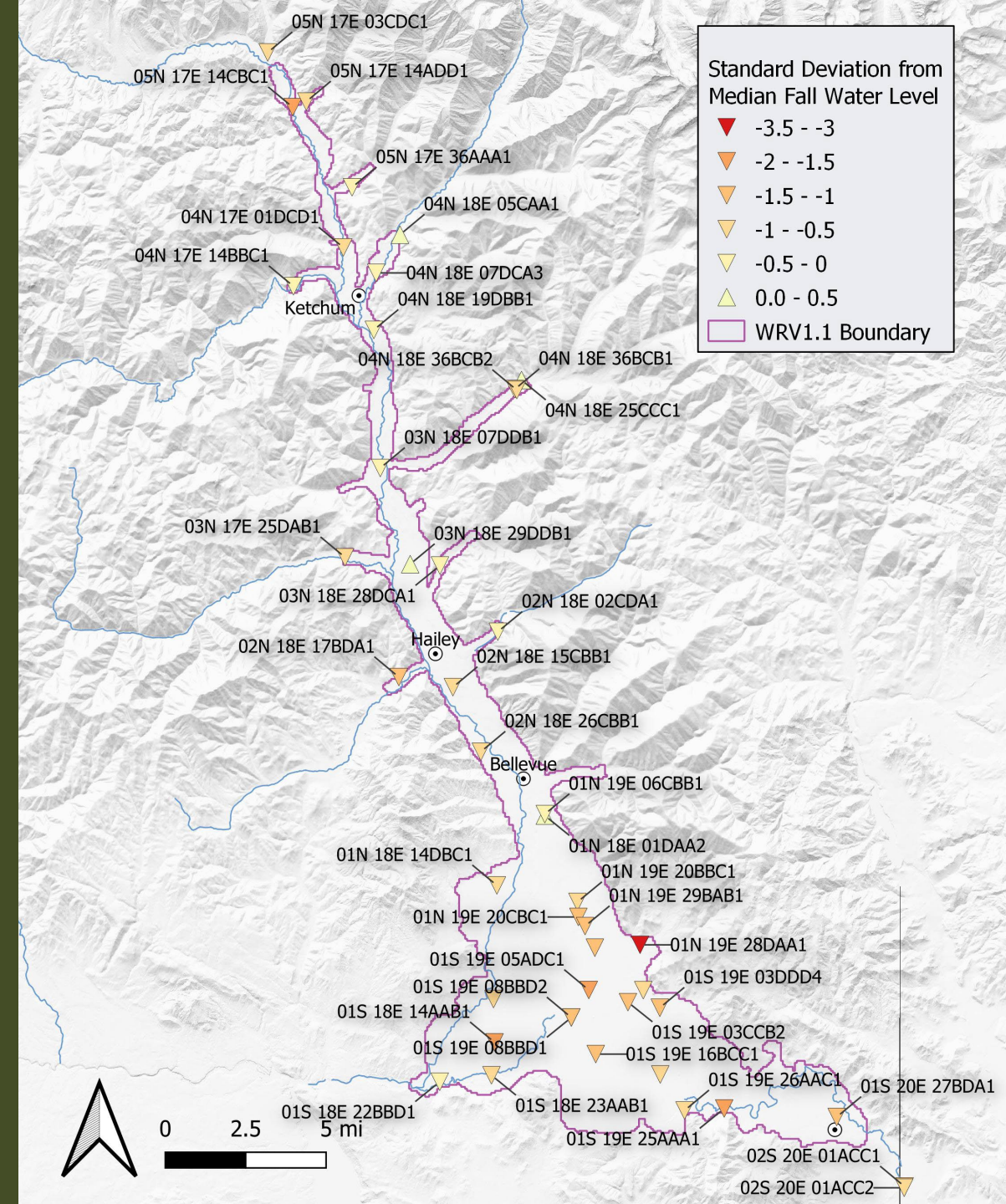
- 44 active monitoring wells + 1 SVGWD well
- 23 pressure transducers
- Measured 2-3x per year
- Reinstalled Lake Creek (5N 17E 36AAA1) and Croy Creek (2N 18E 17BDA1)
- Indian Creek (3N 18E 28DCA1) removed in December, reinstalling in March
- Cove Creek data unretrievable from 7-23-2021 to 11-3-2021 due to dead battery



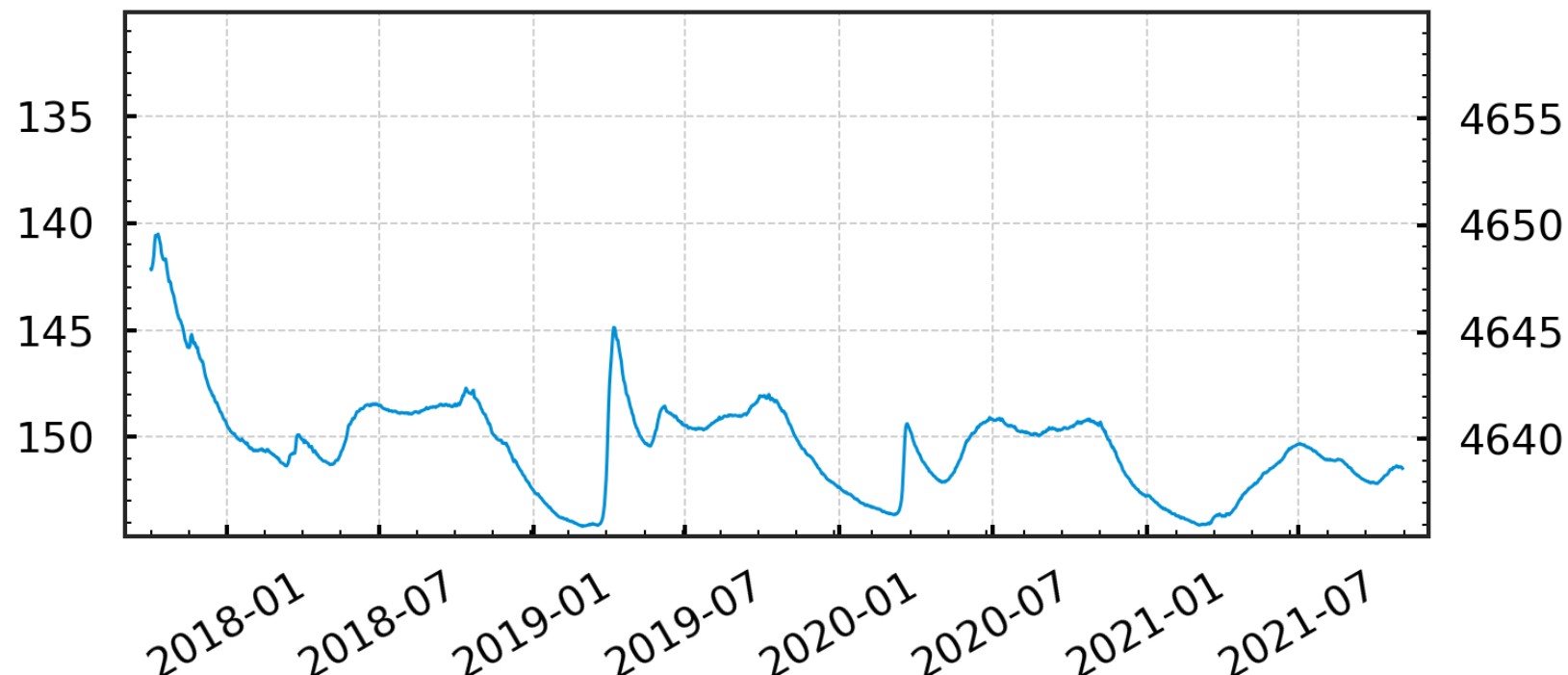
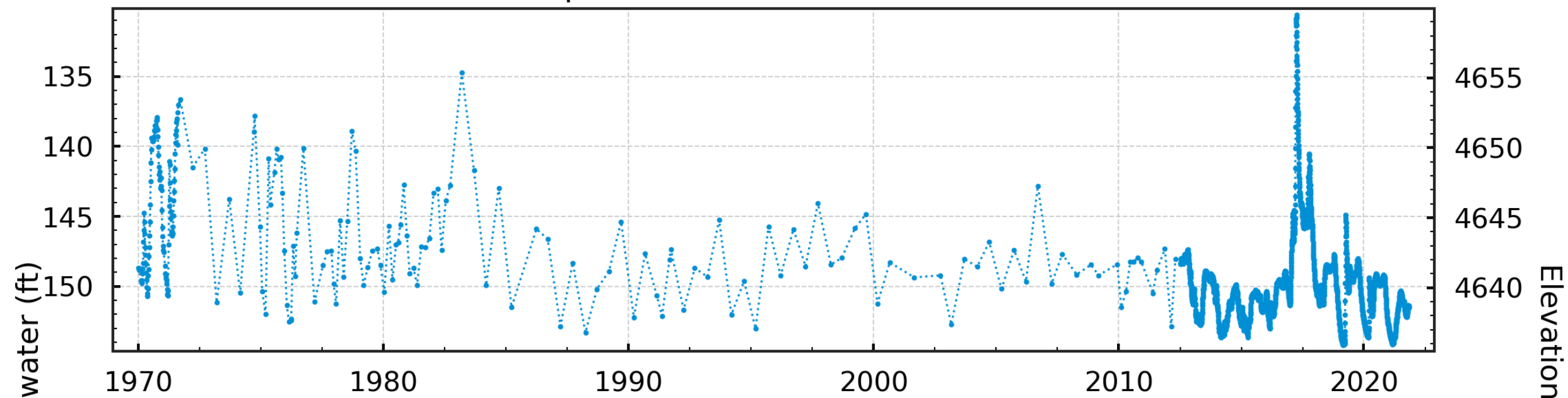
Fall 2021 Water Level Z-Score

Z-Score is the number of standard deviations away from the mean fall water level during the period of record

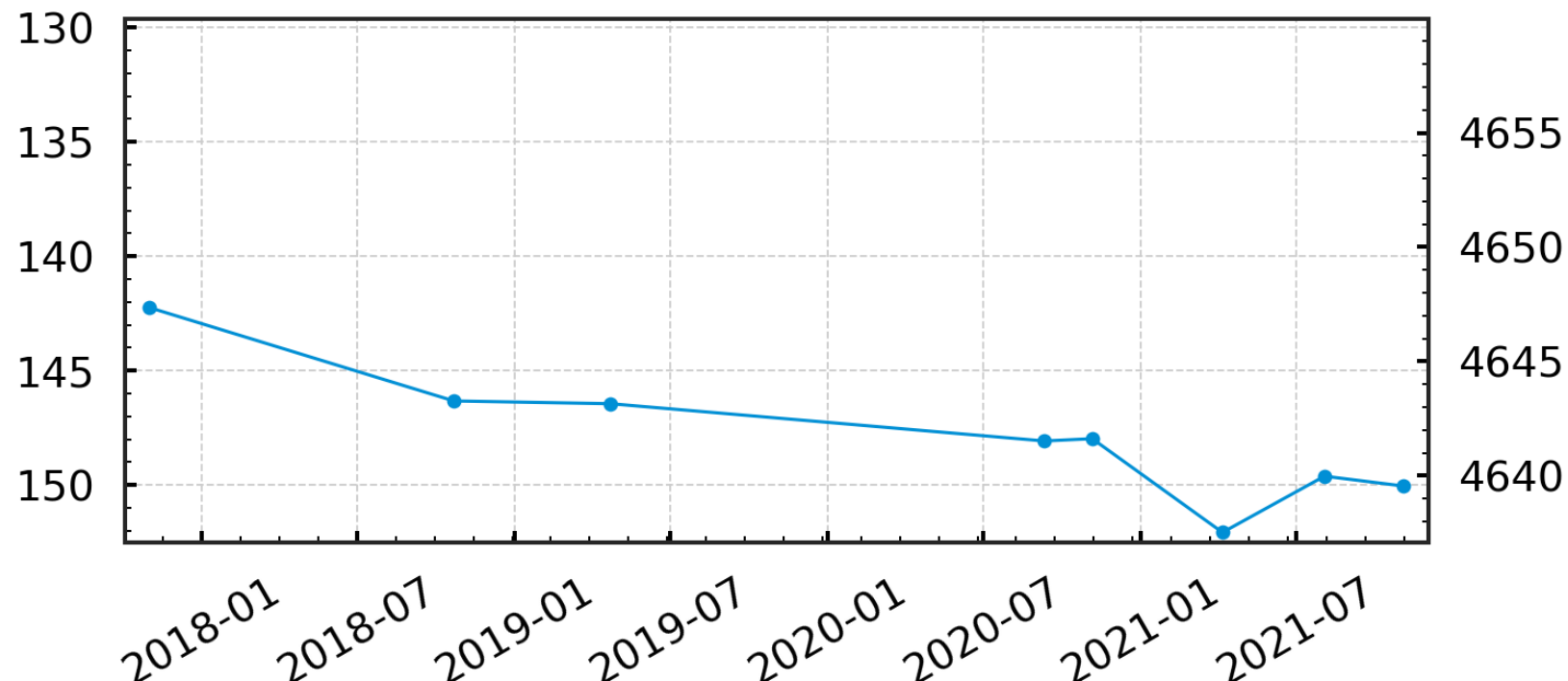
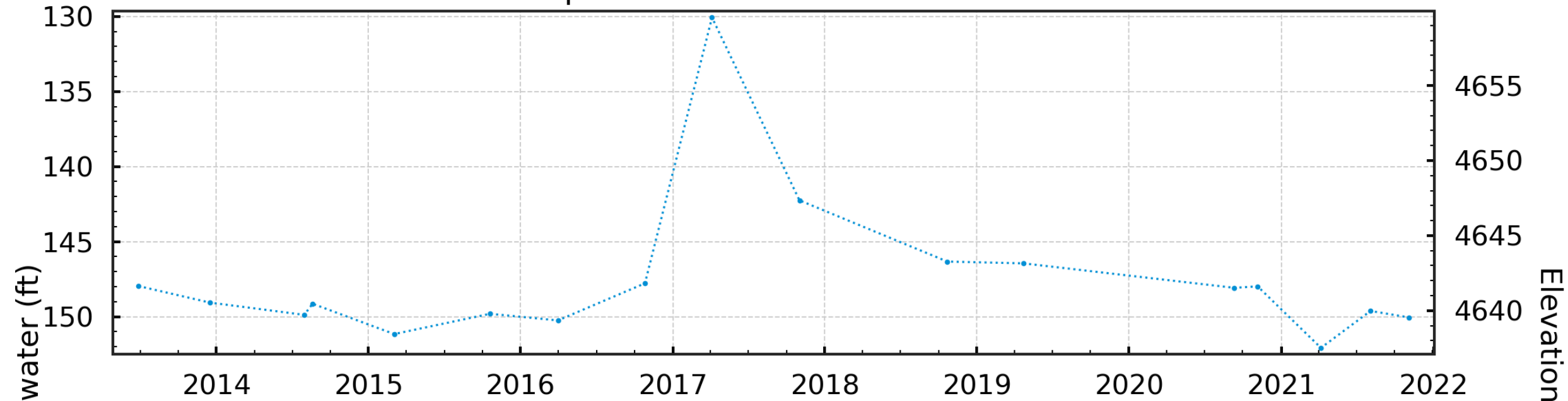
- Median Z-score = -0.87
- All except one > -1.77
- 3 wells > 0



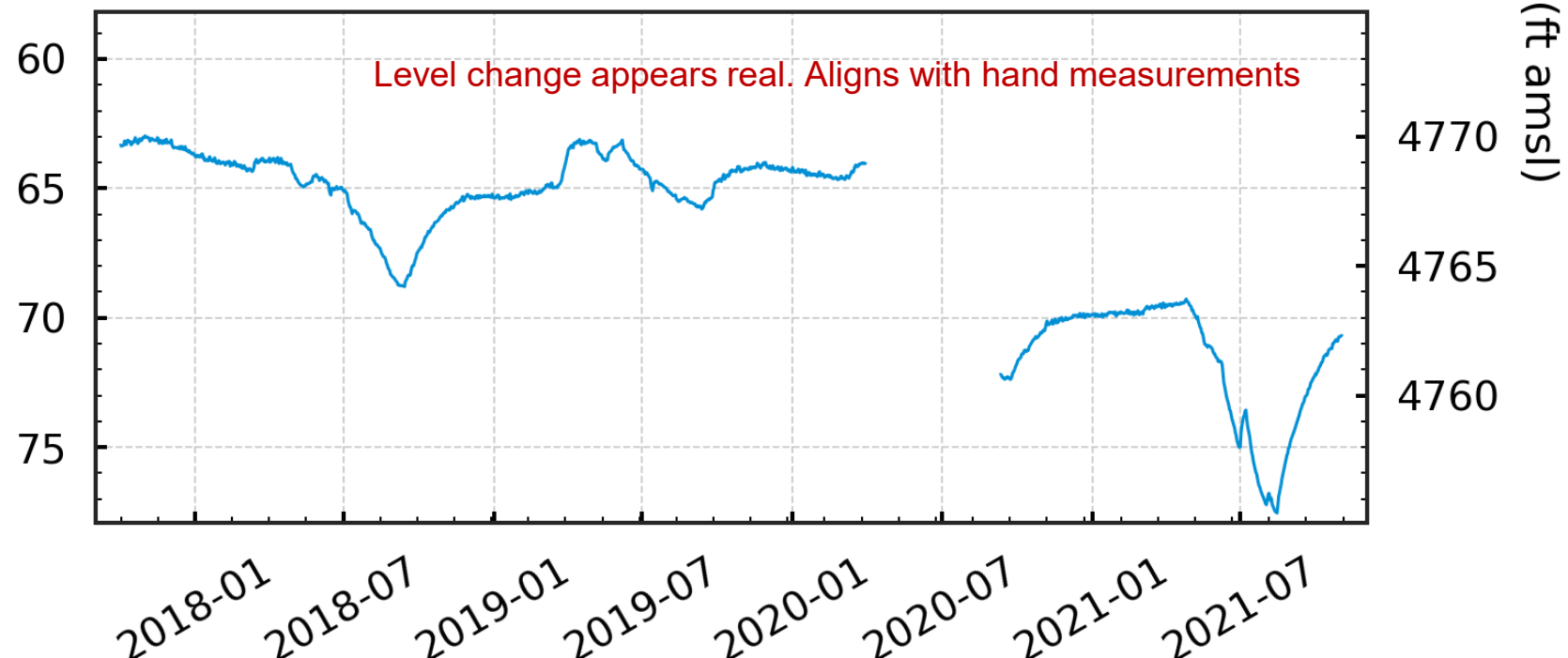
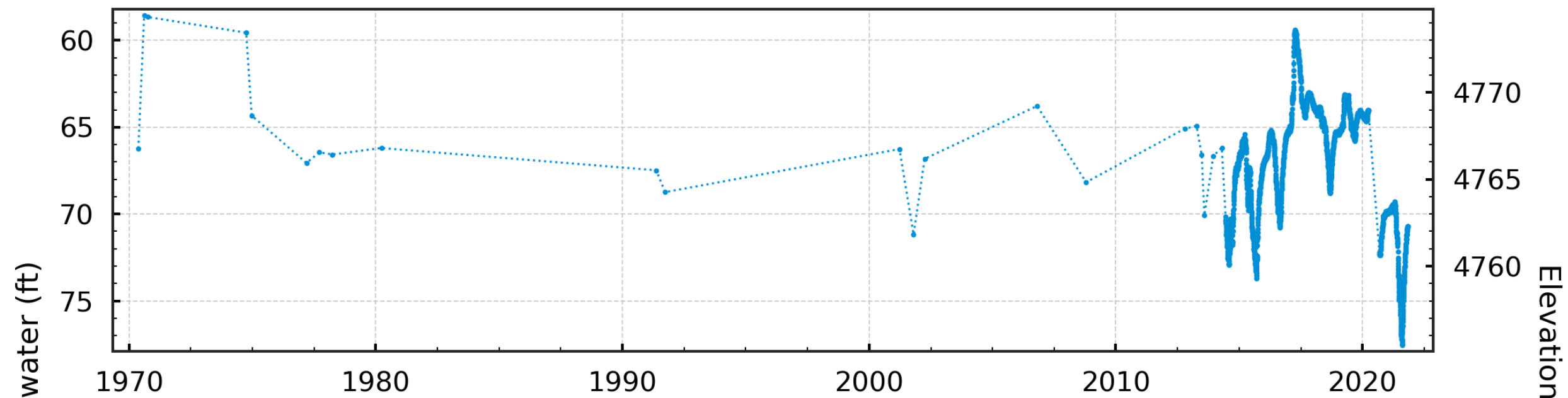
02S 20E 01ACC2 USGS-Simplot Cutoff Rd South Well



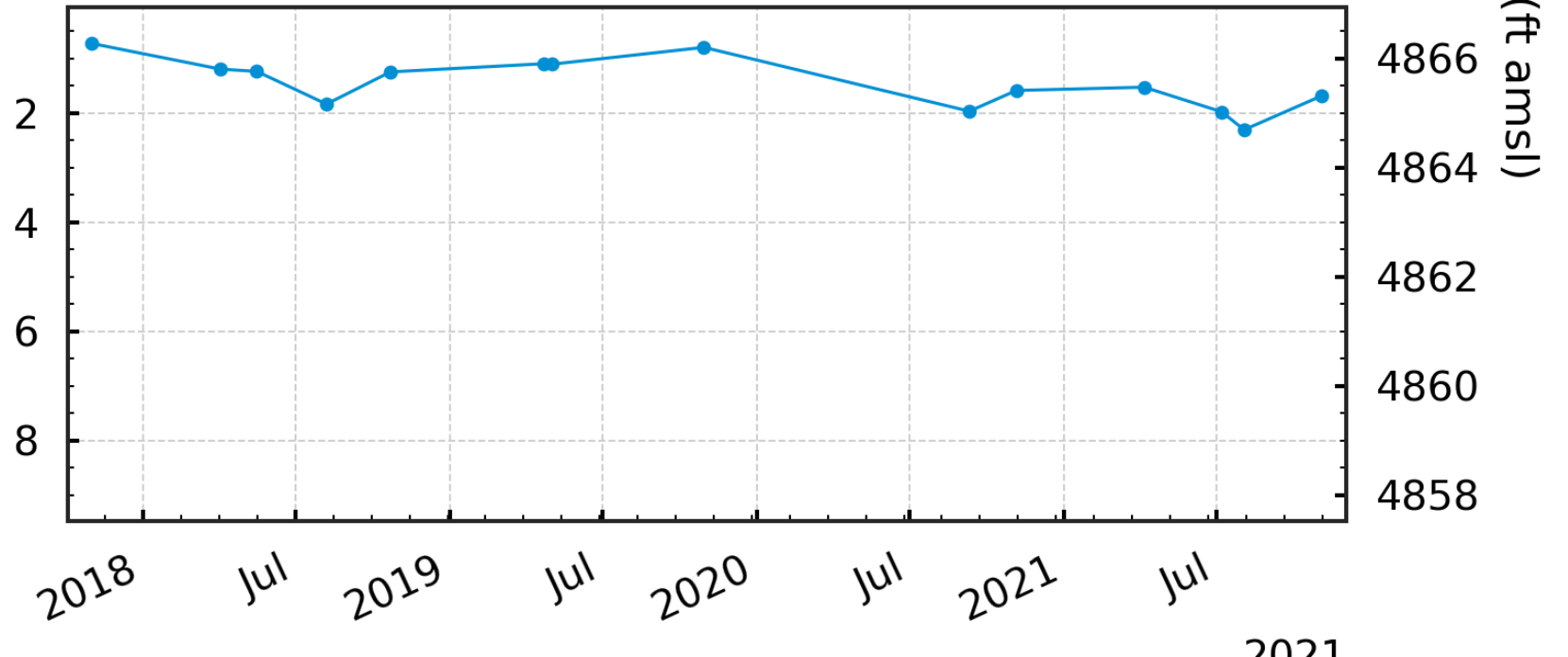
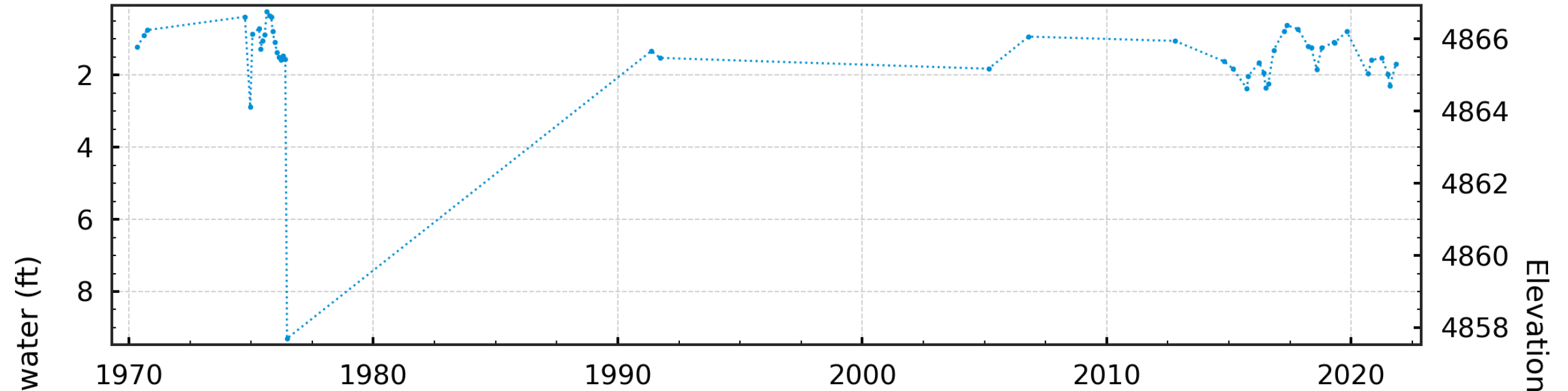
02S 20E 01ACC1 USGS-Simplot Cutoff Rd North Well



01S 20E 27BDA1 USGS-Picabo Well

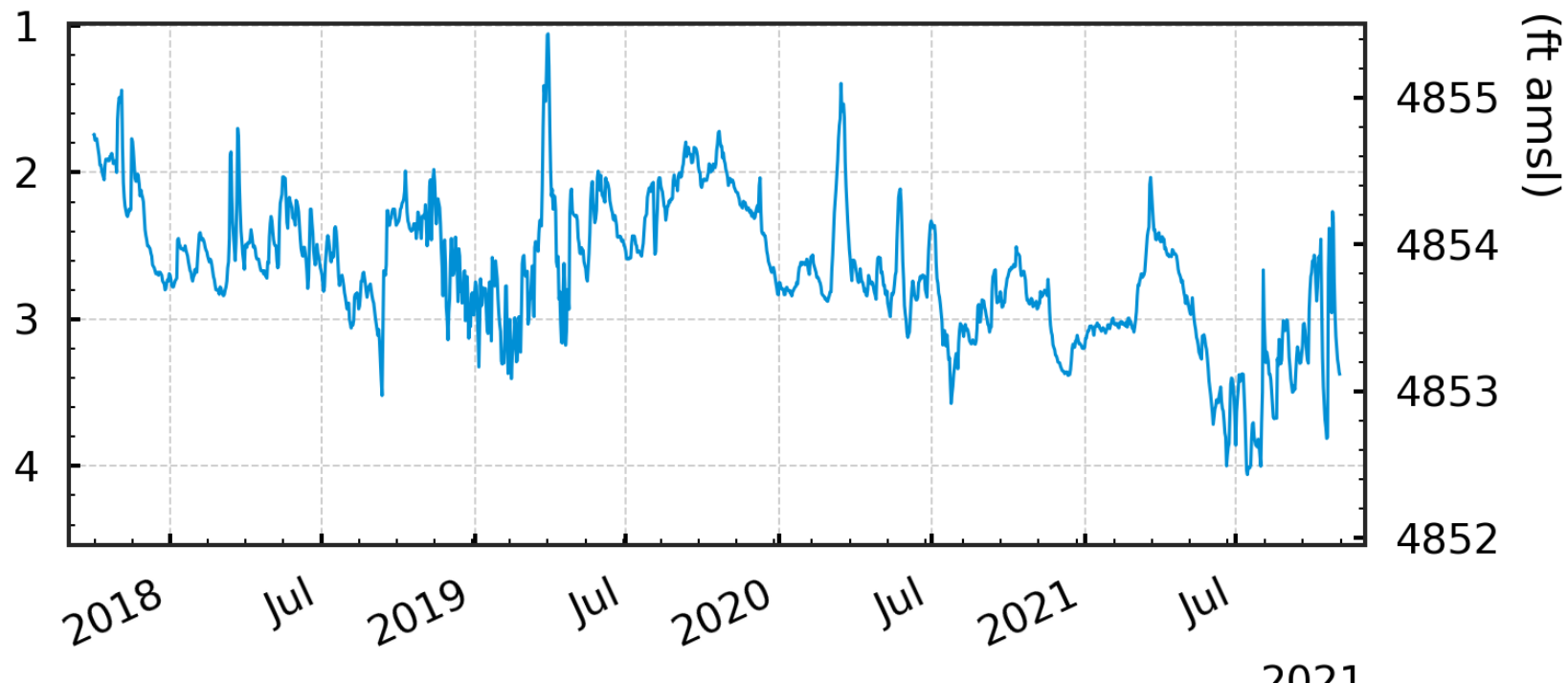
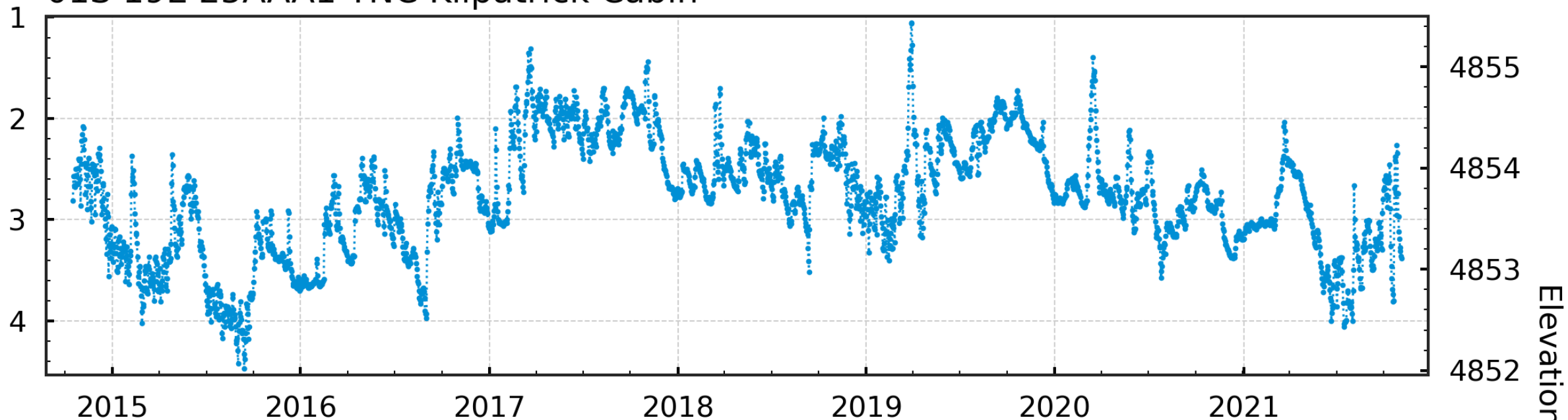


01S 19E 26AAC1 TNC Irrigation



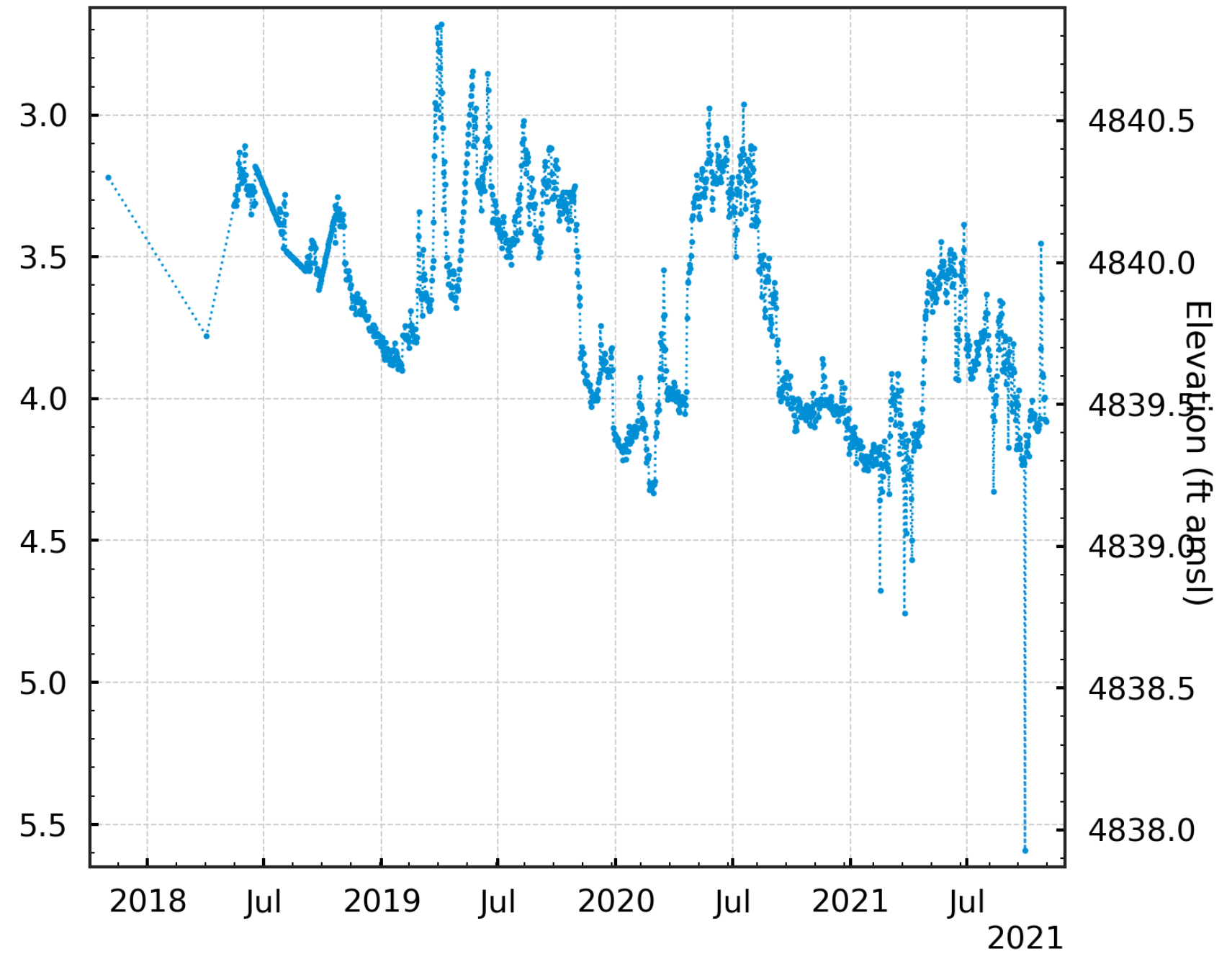
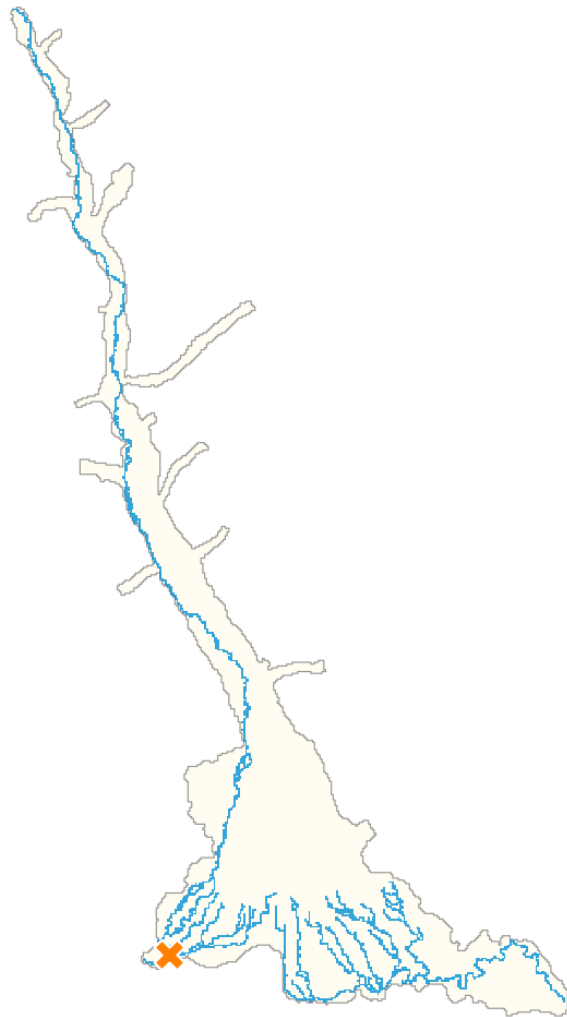
01S 19E 25AAA1 TNC Kilpatrick Cabin

Depth to water (ft)

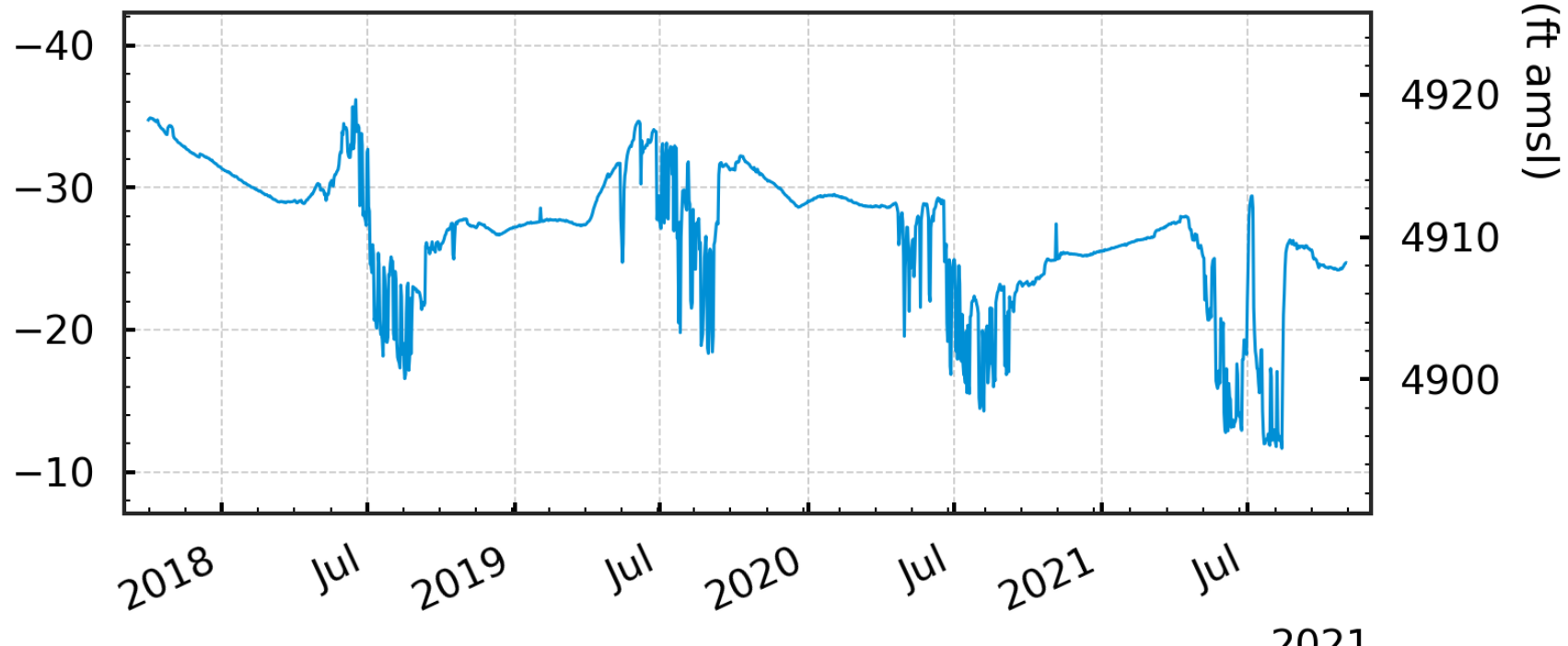
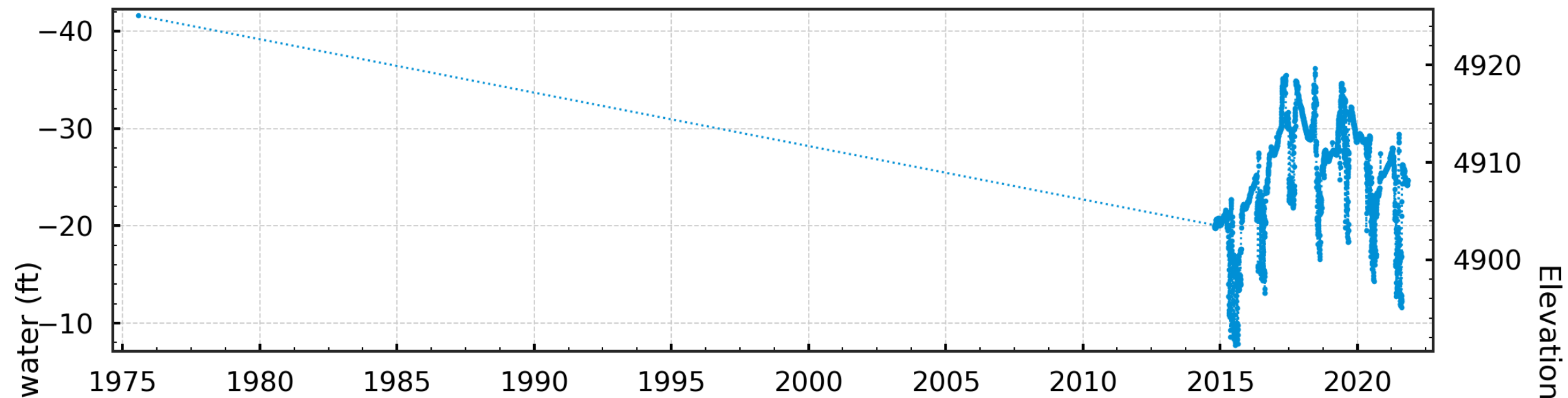


01S 18E 22BBD1 Heartrock Ranch Stock

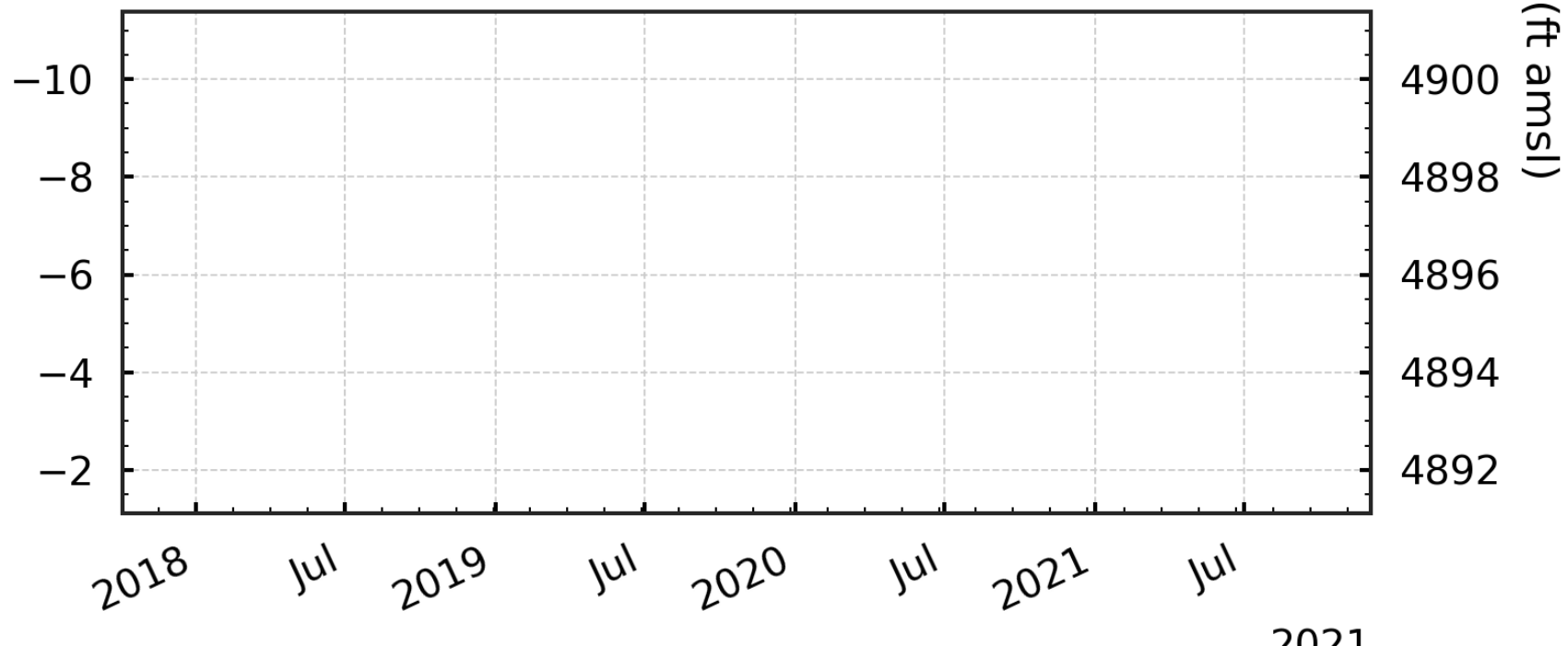
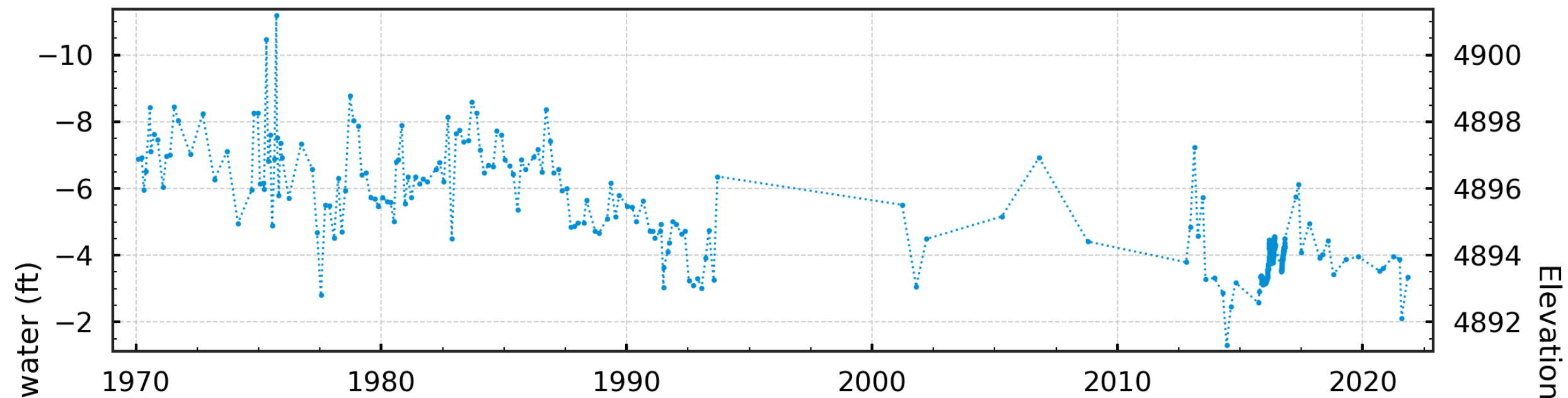
Depth to water (ft)



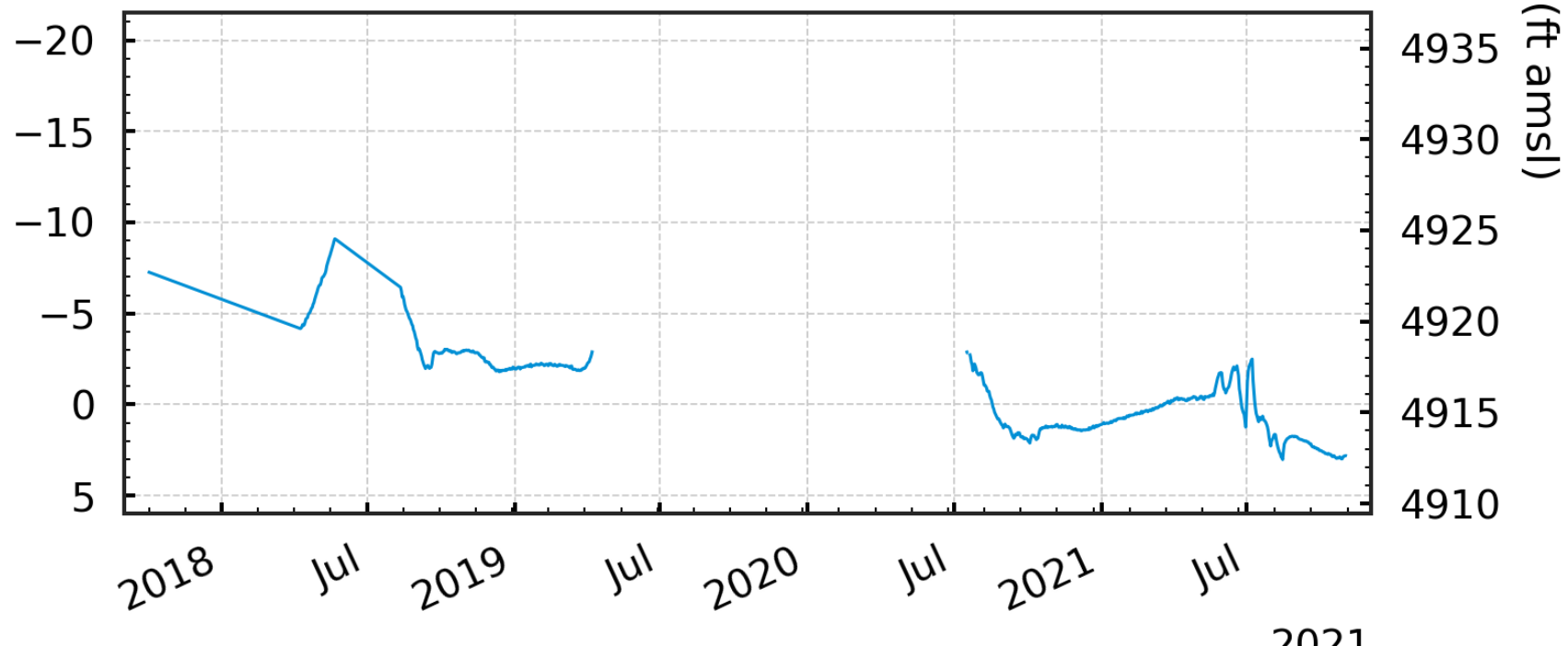
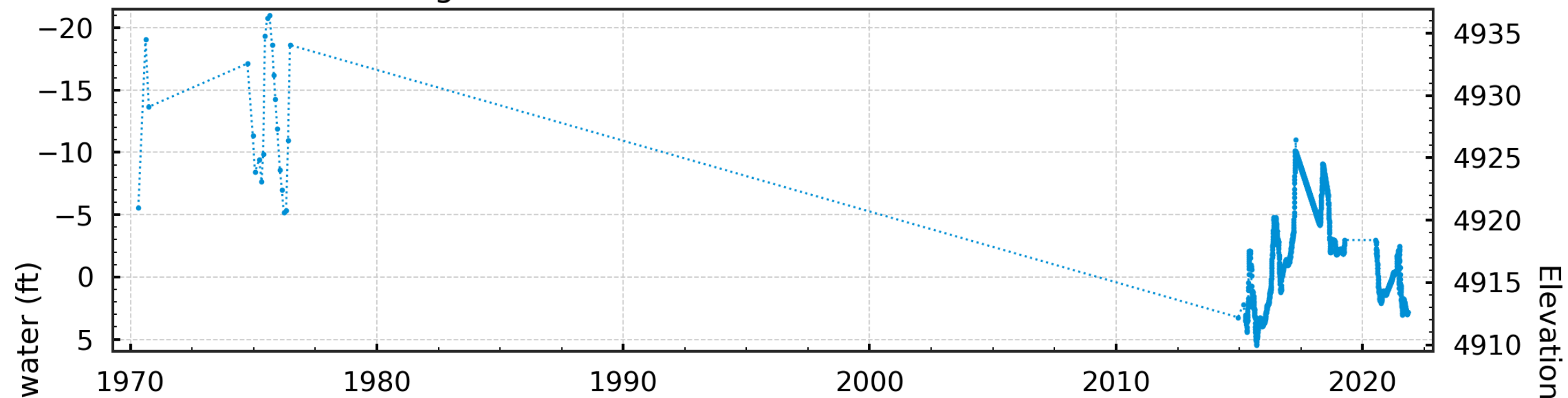
01S 18E 23AAB1 Timmerman Rest Area



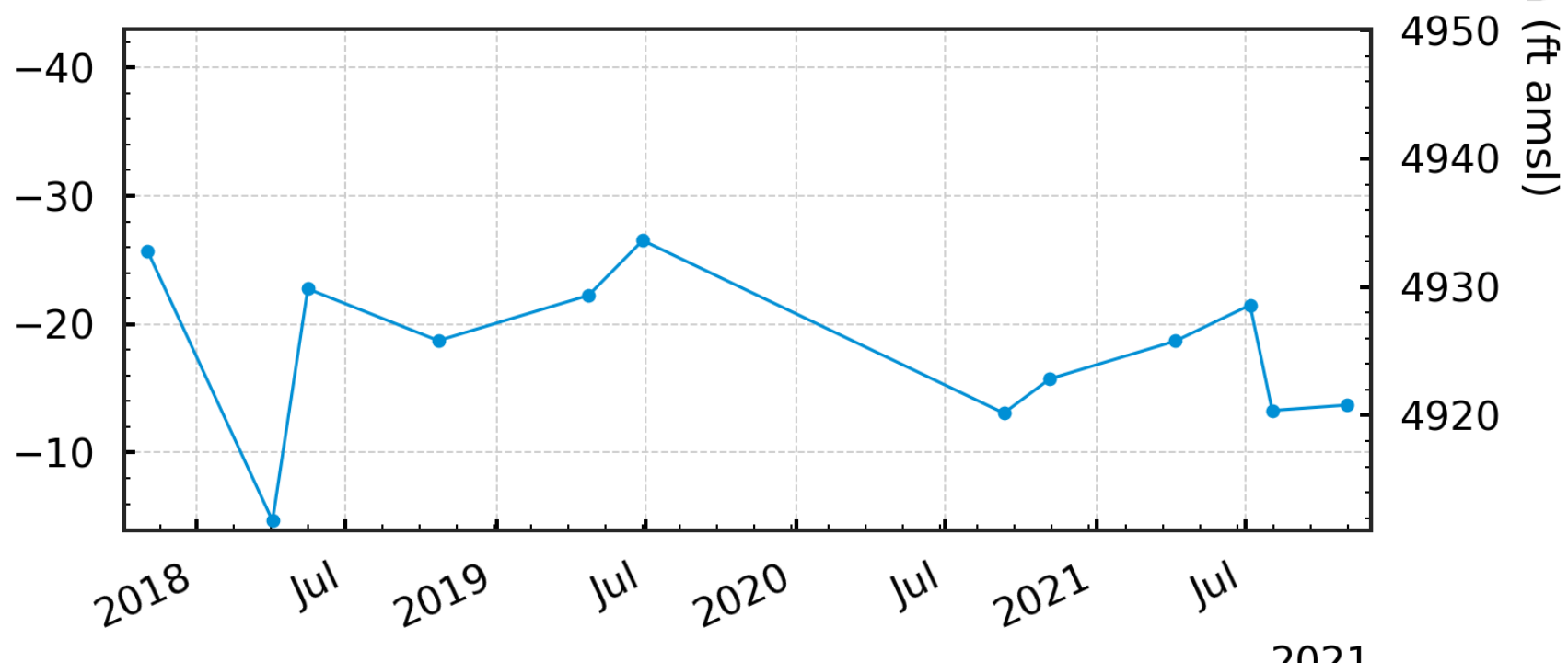
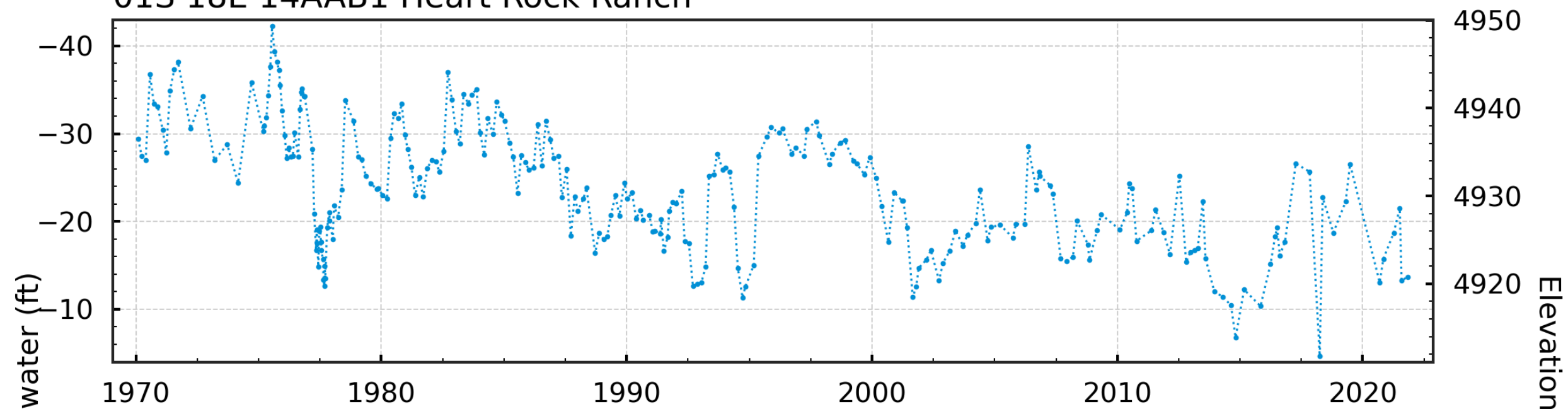
01S 19E 22AAA1 USGS Stocker Creek



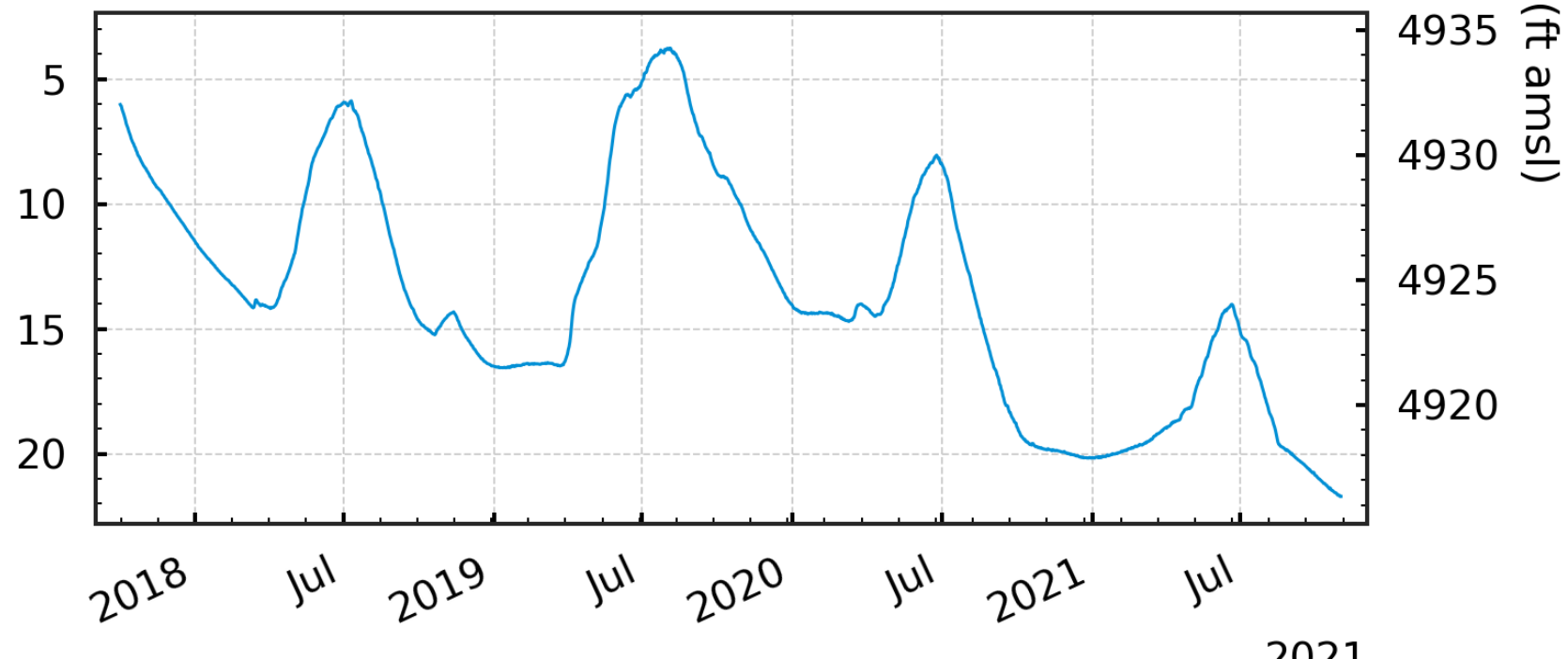
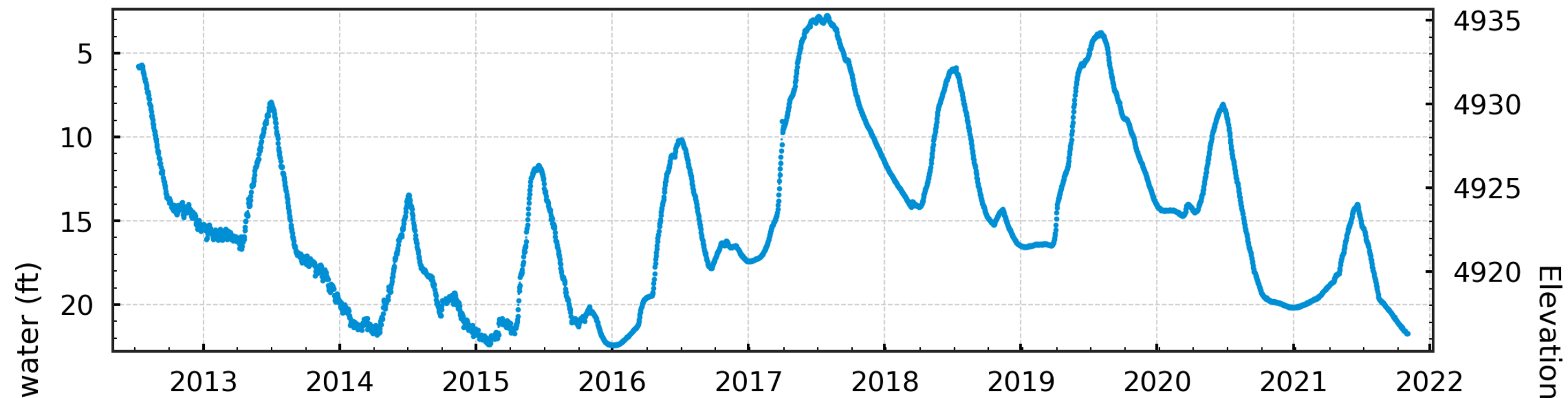
01S 19E 16BCC1 O'gara 3



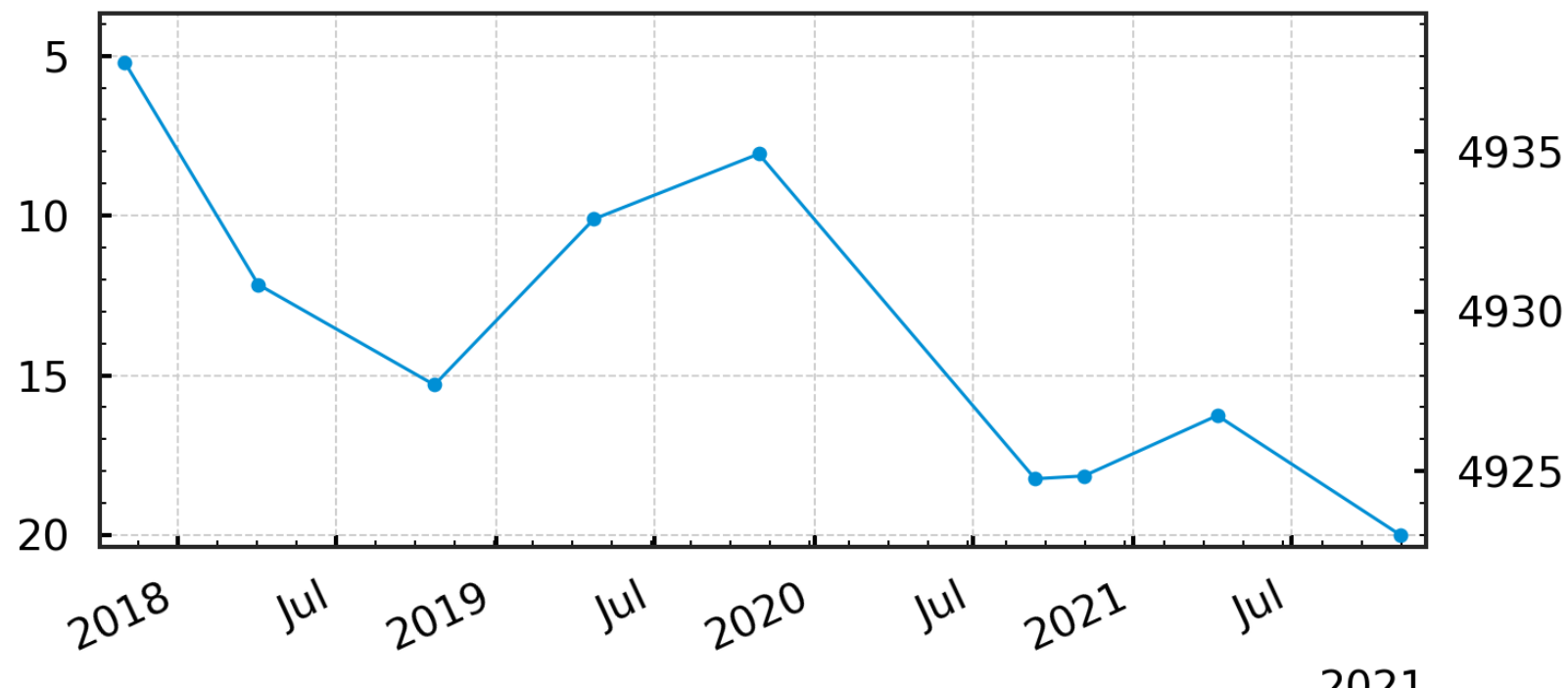
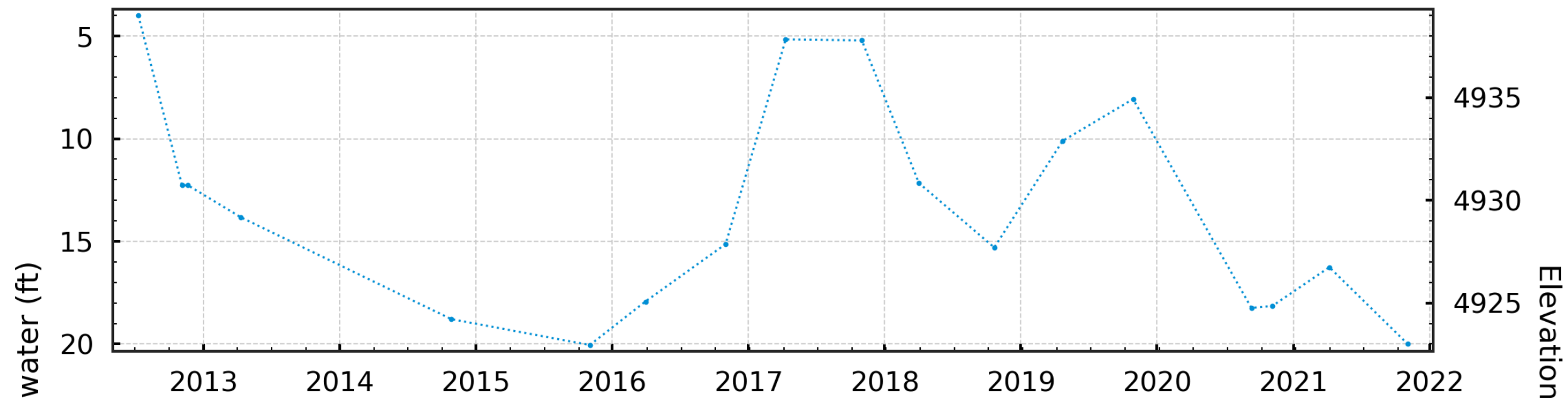
01S 18E 14AAB1 Heart Rock Ranch



01S 19E 08BBD1 Sherbine East



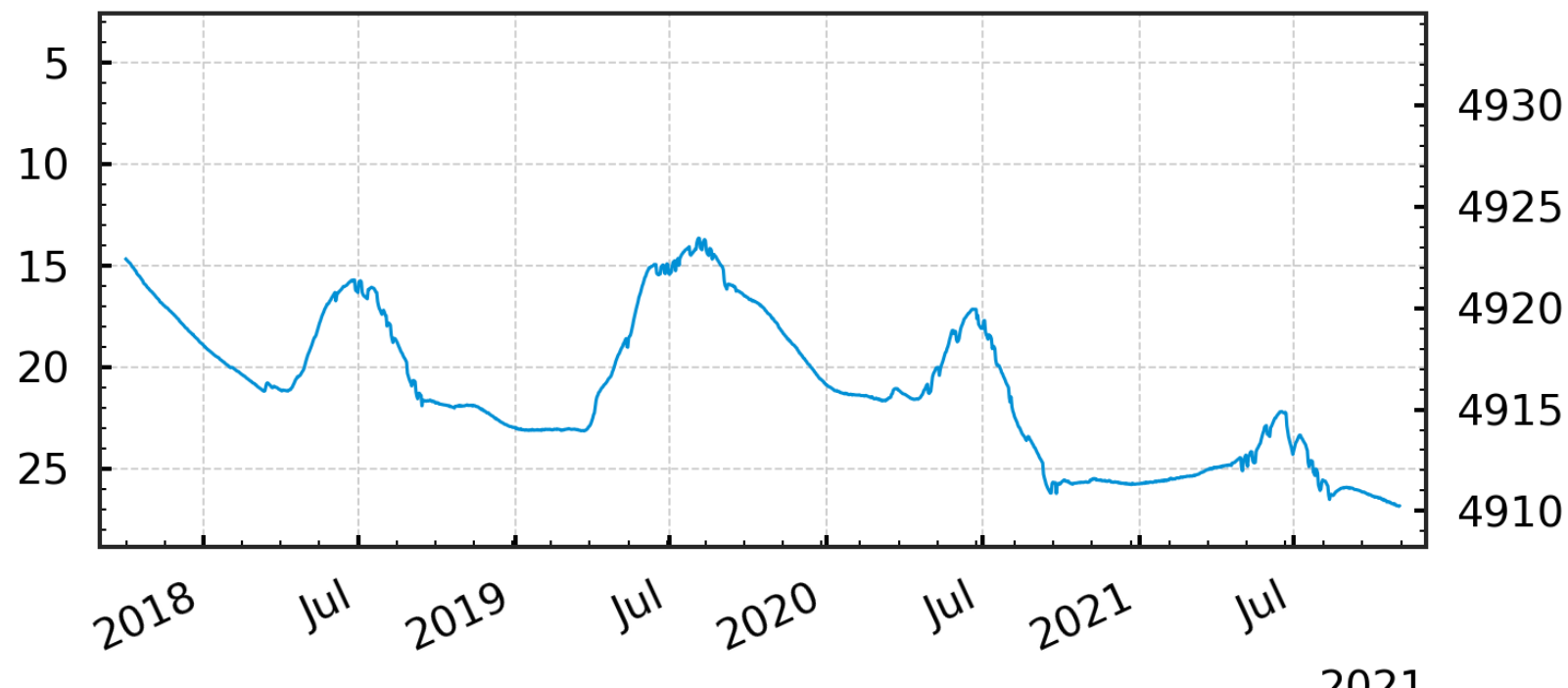
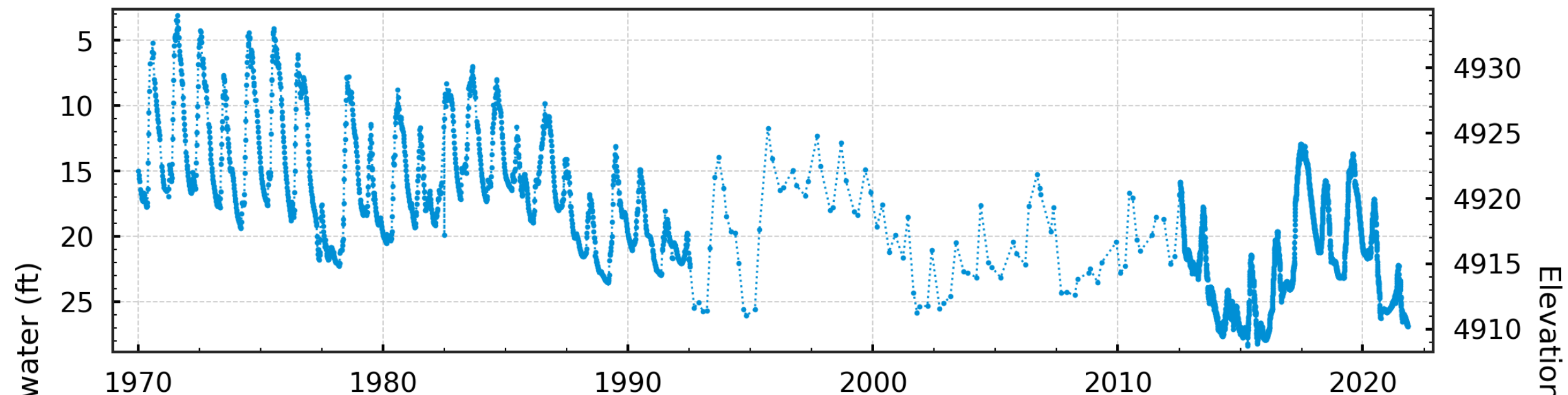
01S 19E 08BBD2 Sherbine West



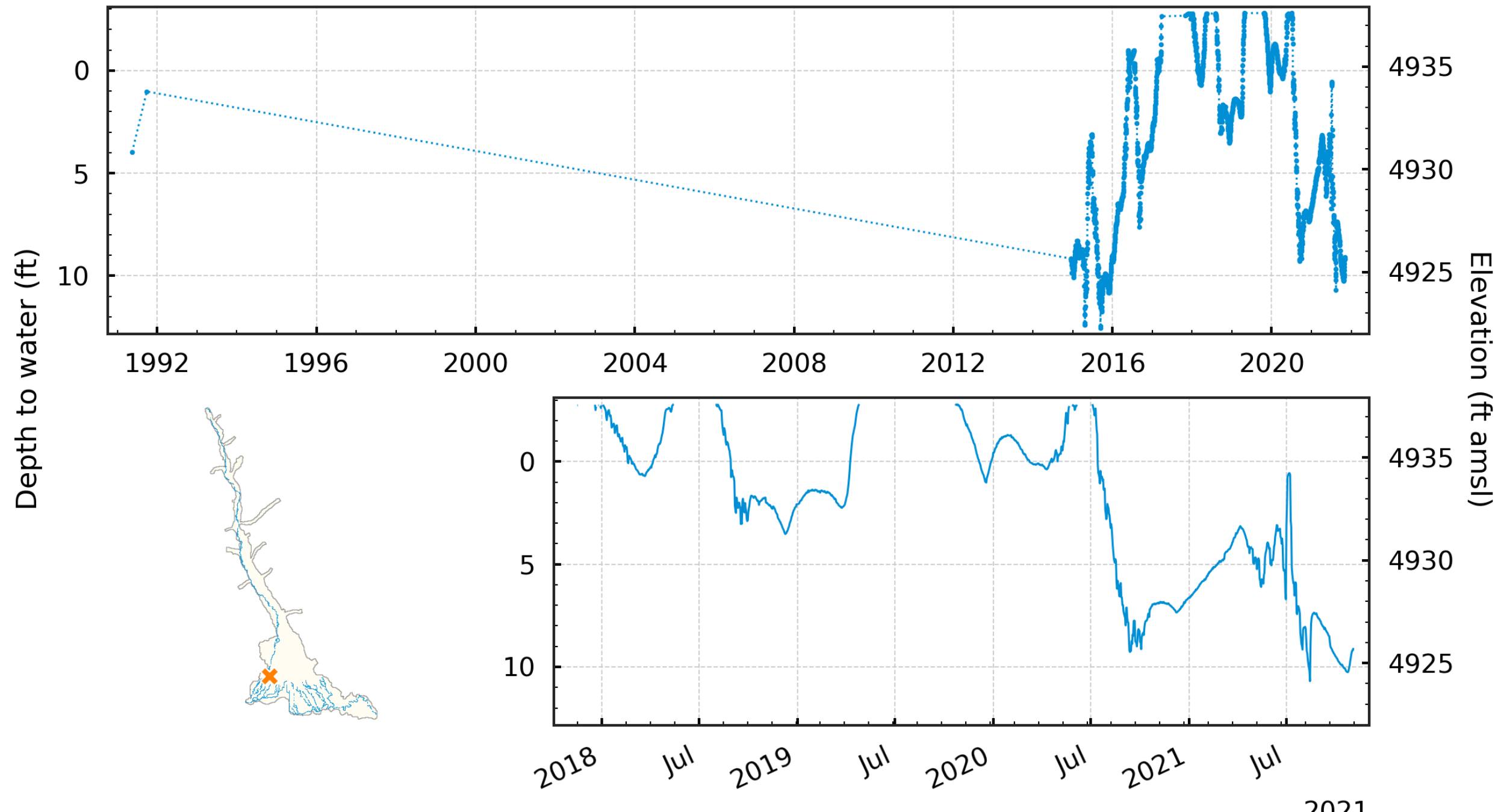
01S 19E 03DDD4 Gannet Fire Dept



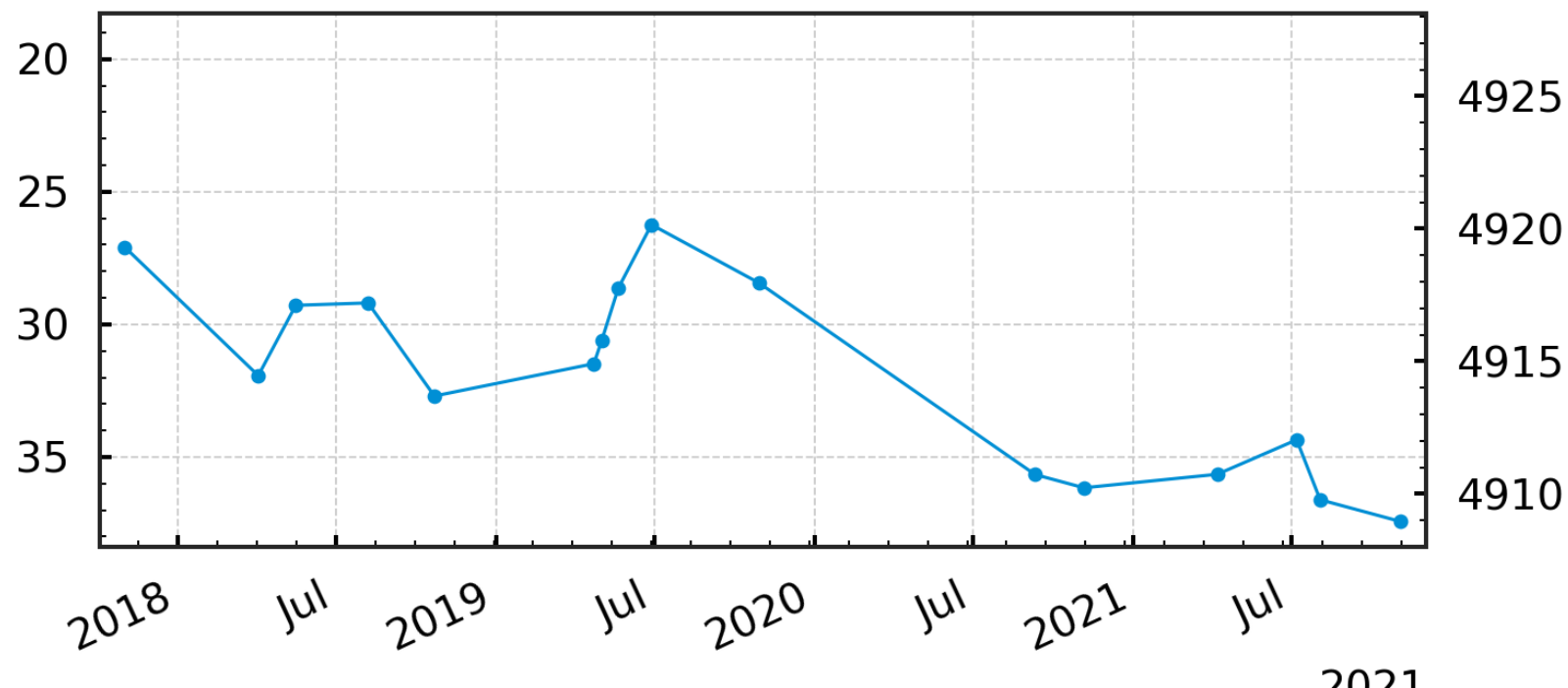
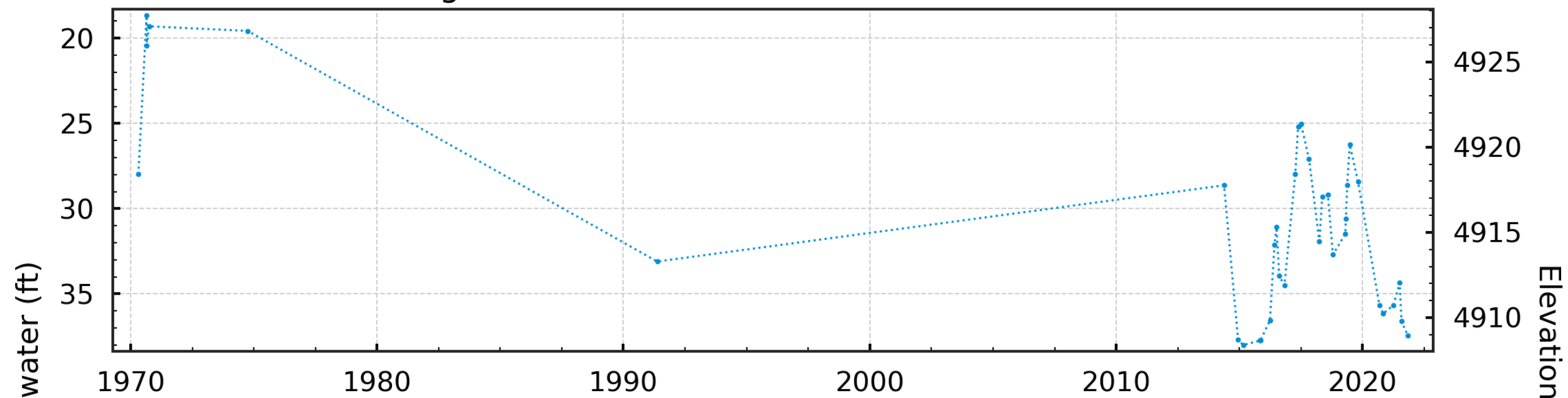
01S 19E 03CCB2 USGS-Baseline



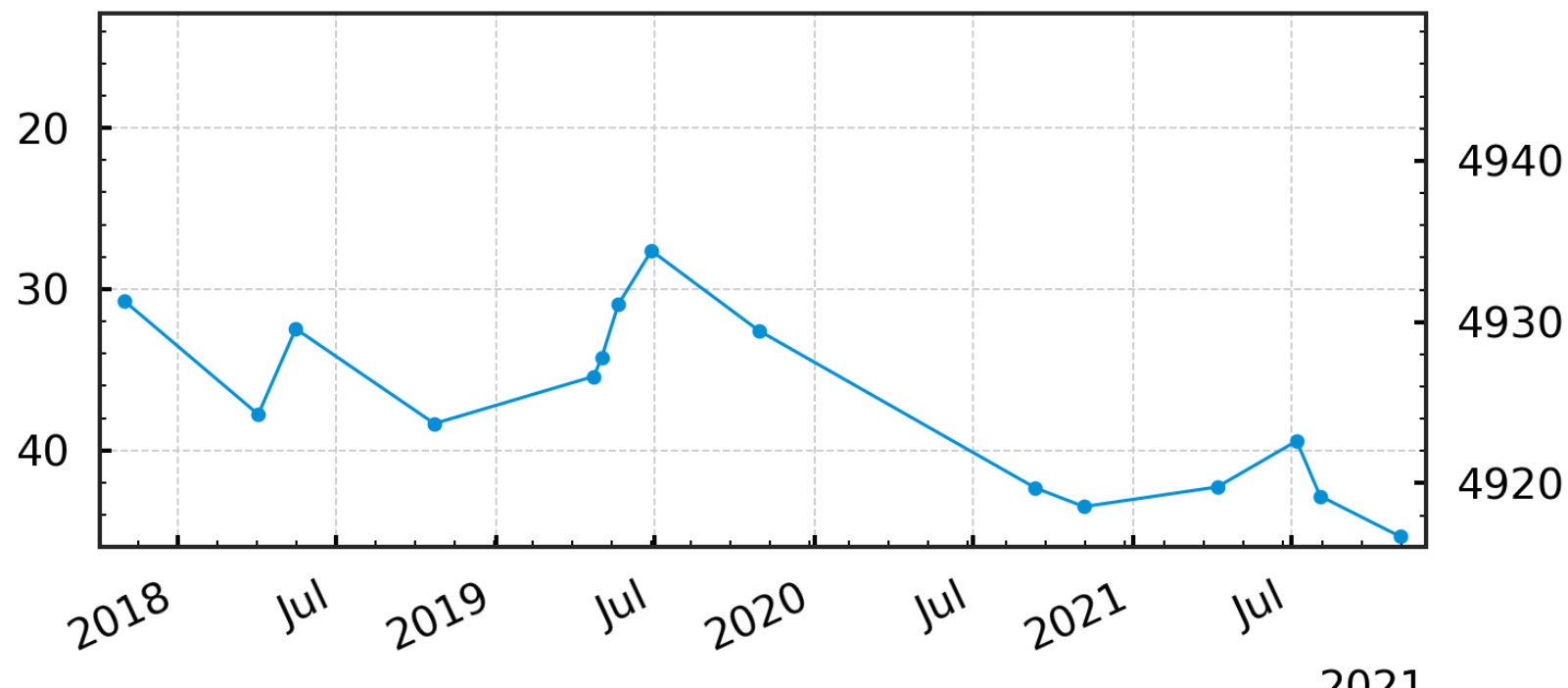
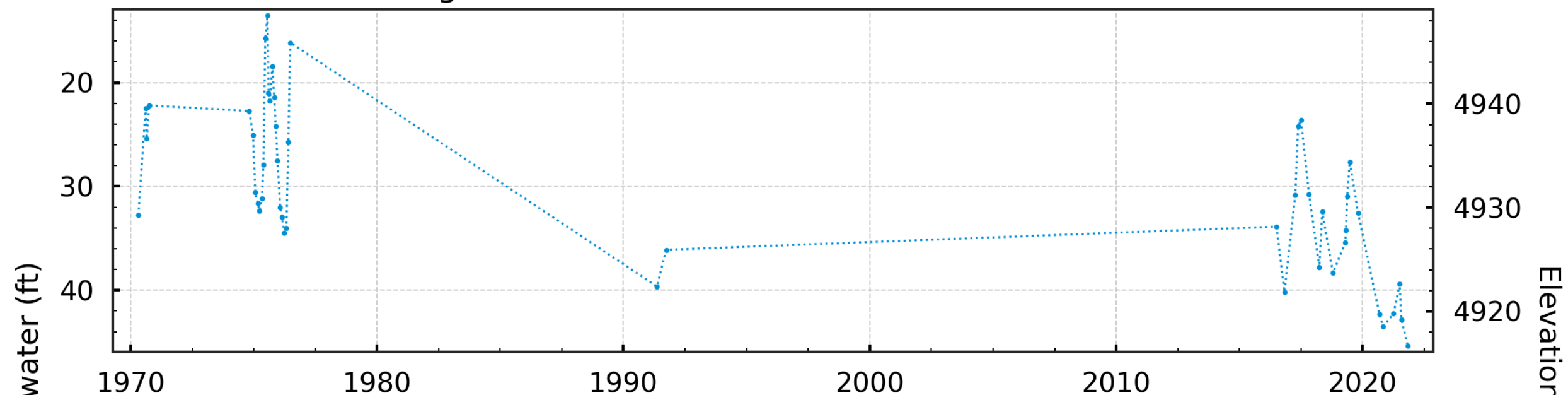
01S 18E 02DAB1 Wood River Ranch Stock



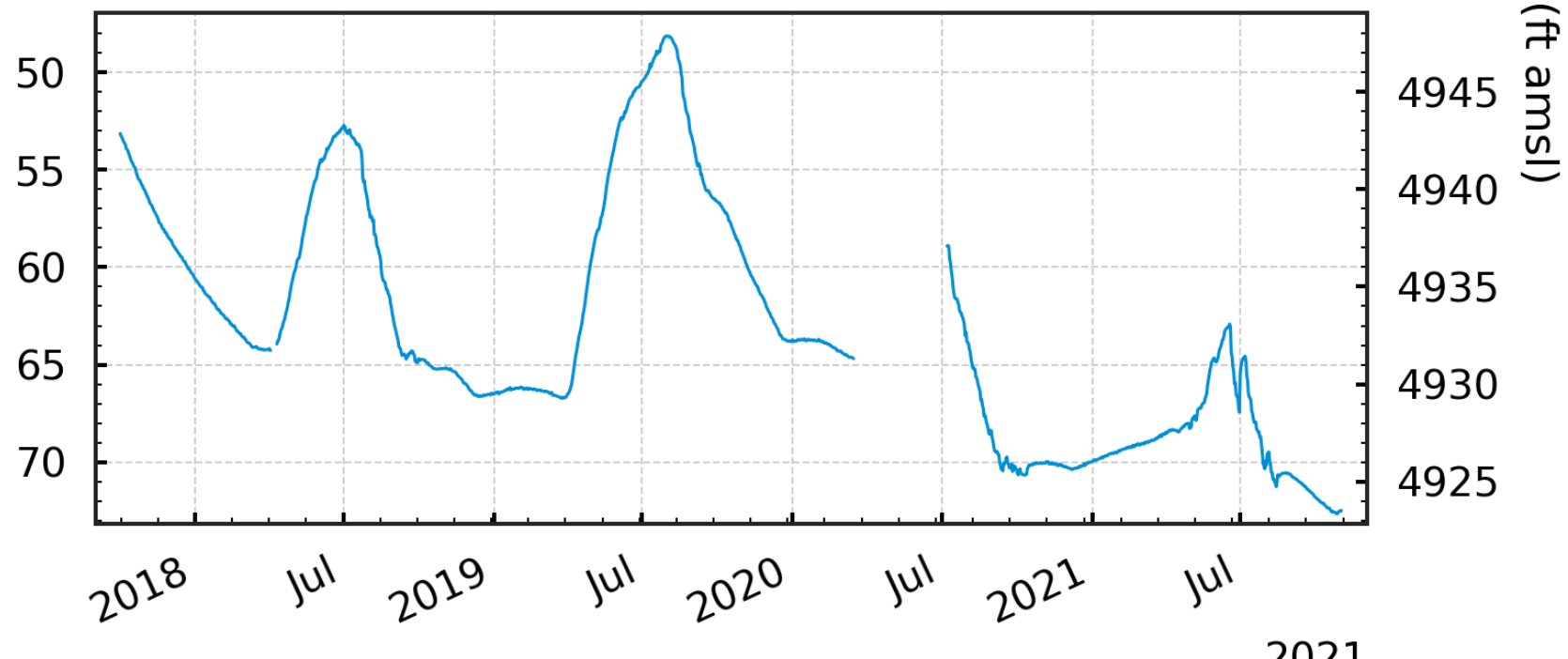
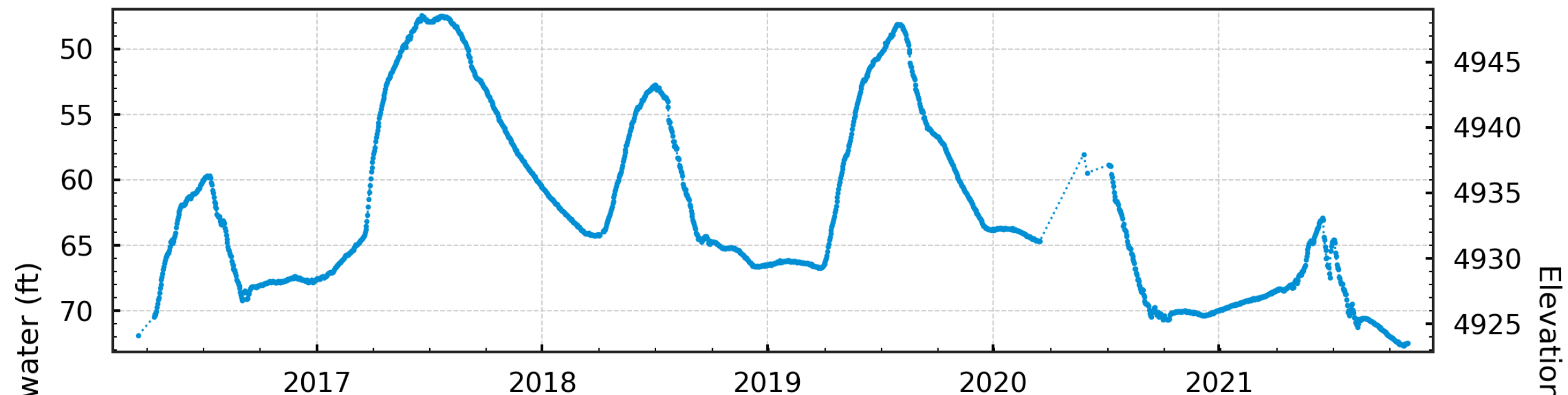
01S 19E 03BDD1 O'gara 6



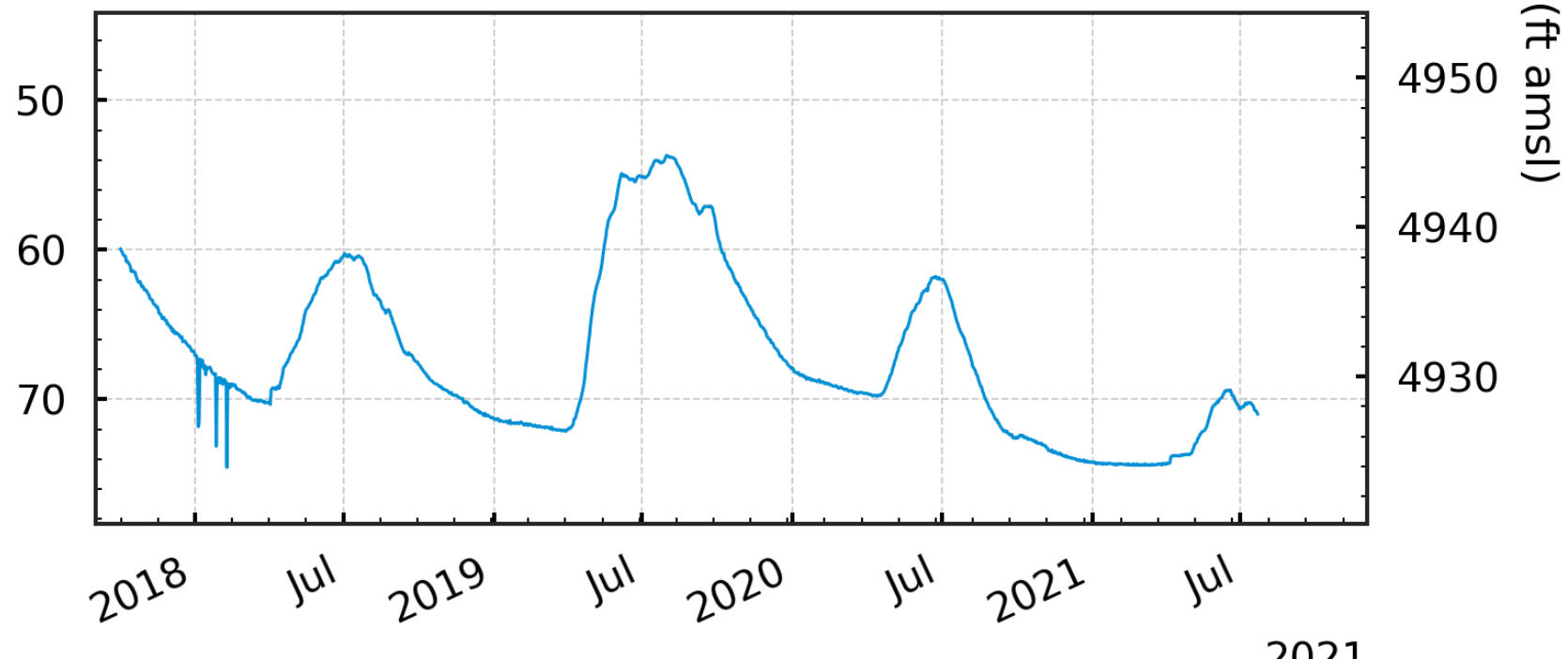
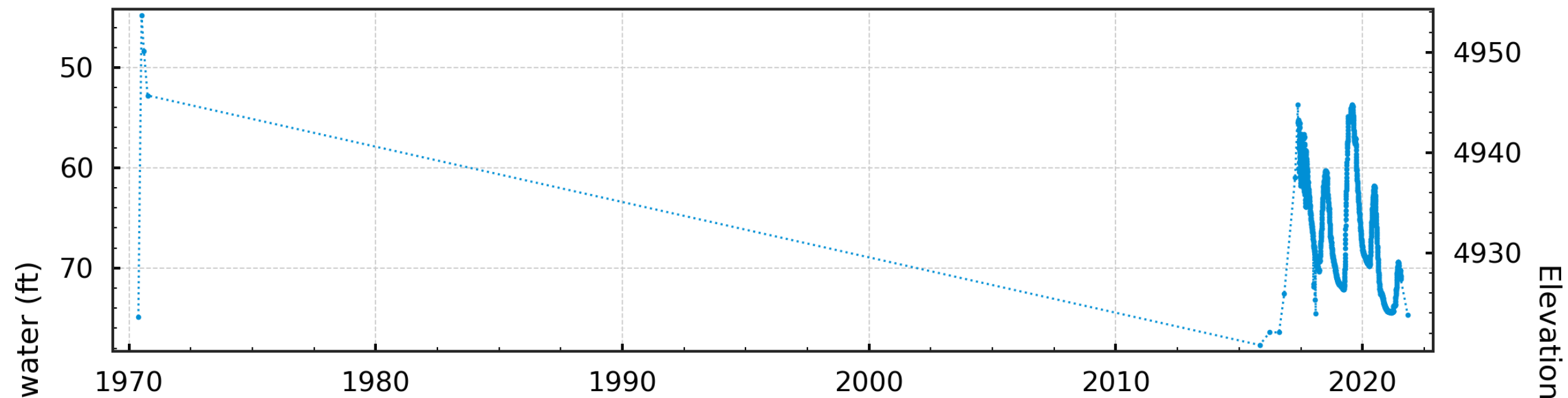
01S 19E 05ADC1 O'gara Baseline



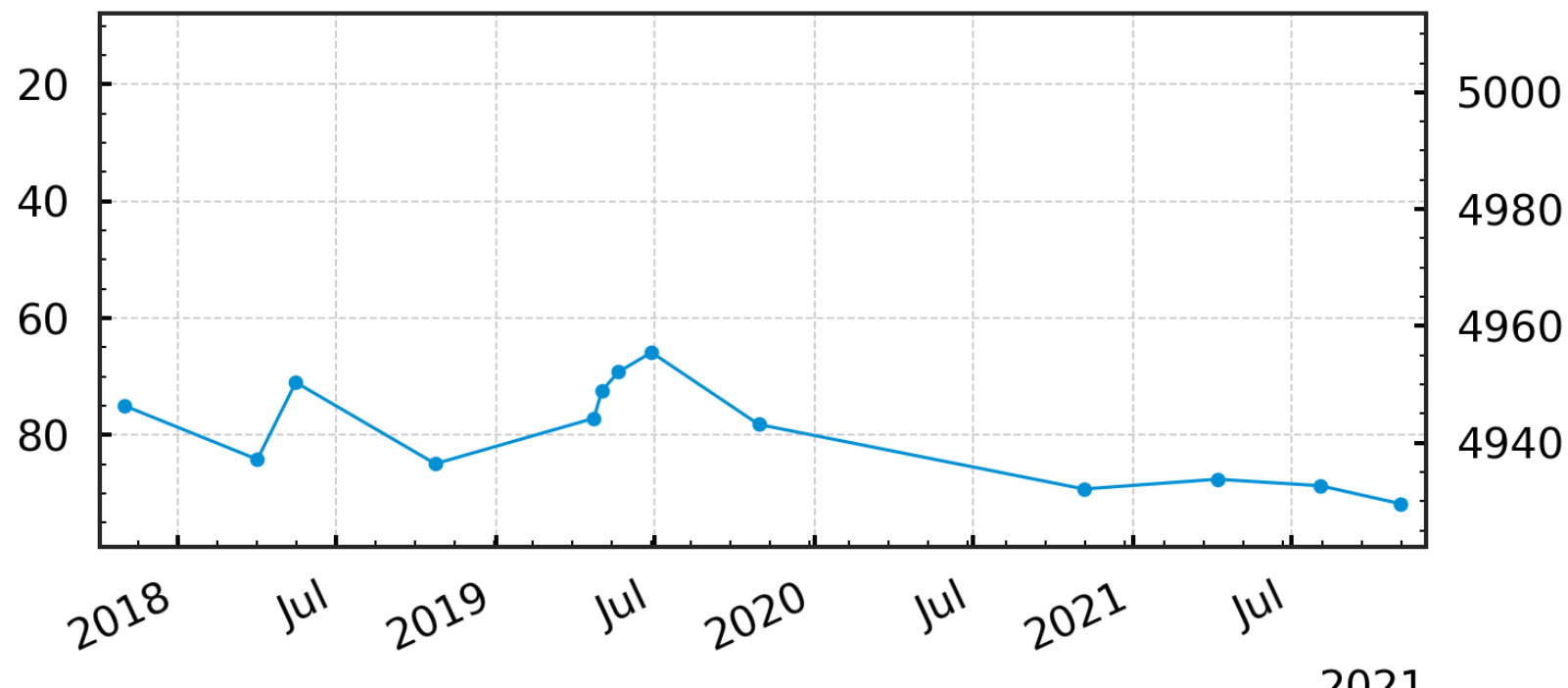
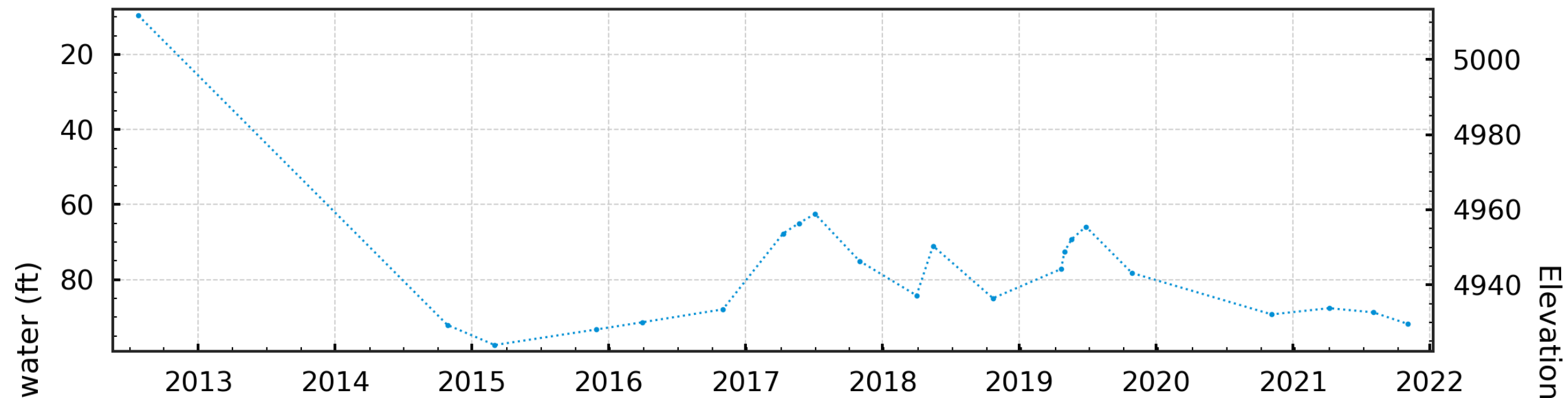
01N 19E 29DBC1 SVGWD



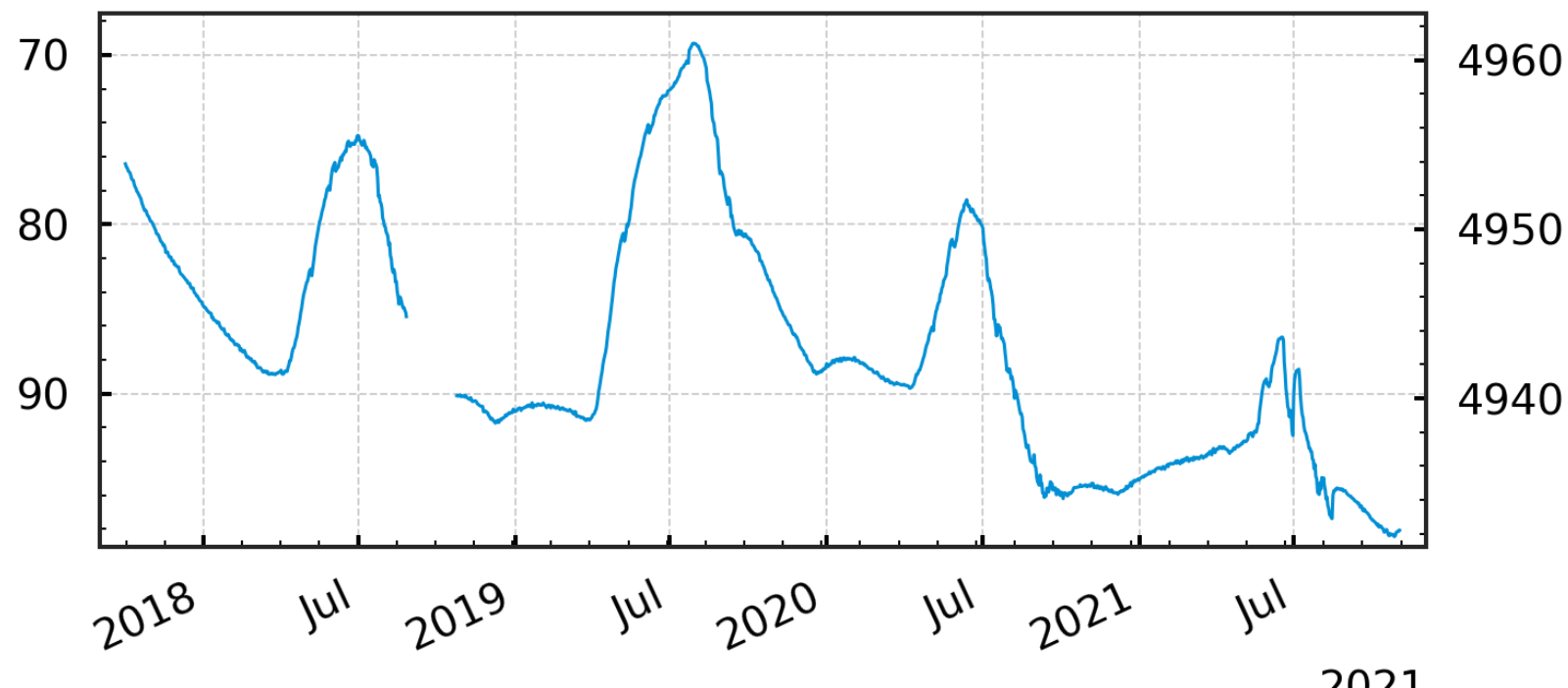
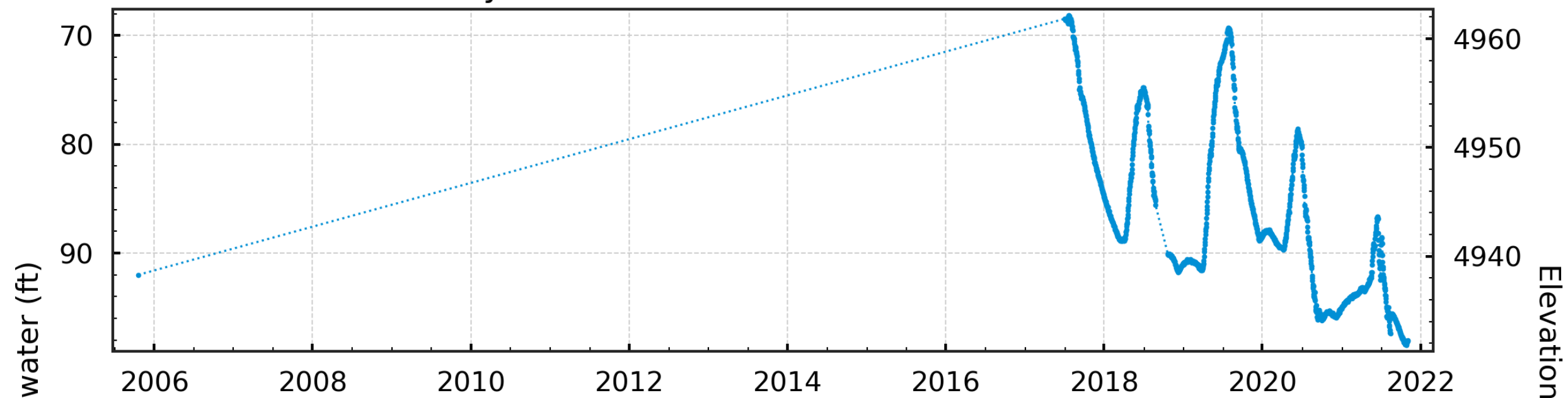
01N 19E 28DAA1 Cove Ranch



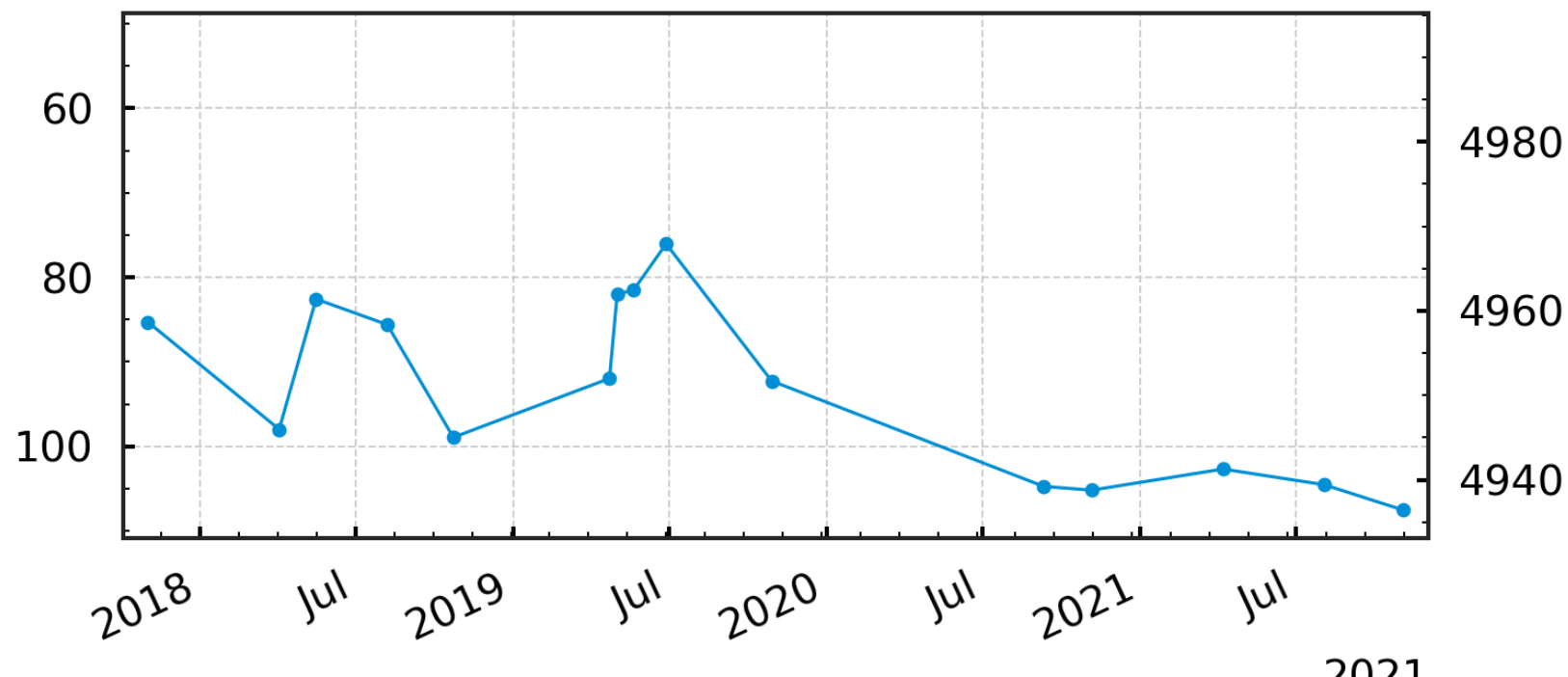
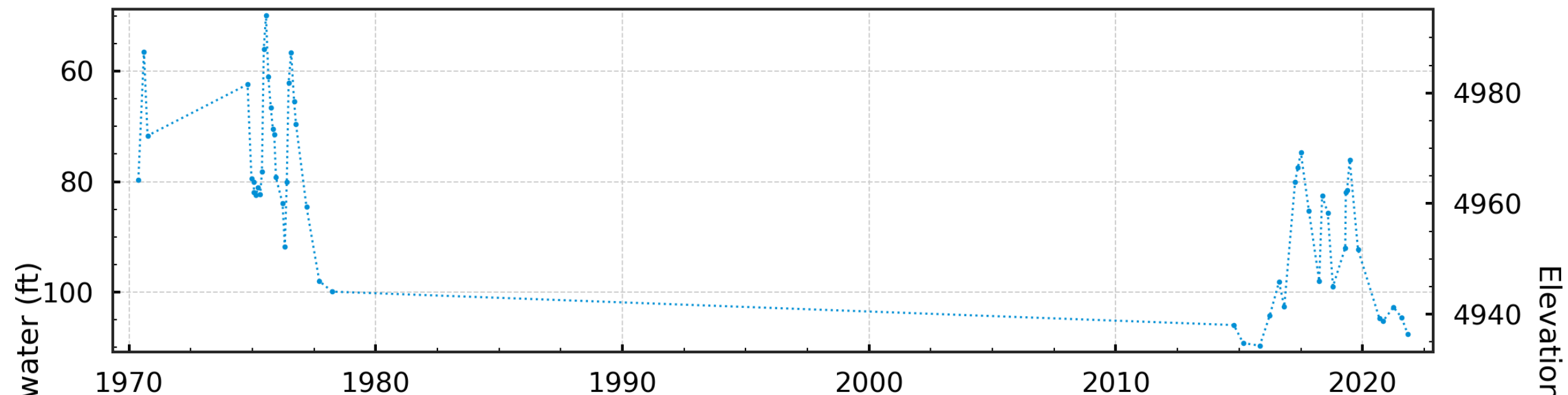
01N 19E 29BAB1 Prairie Sun



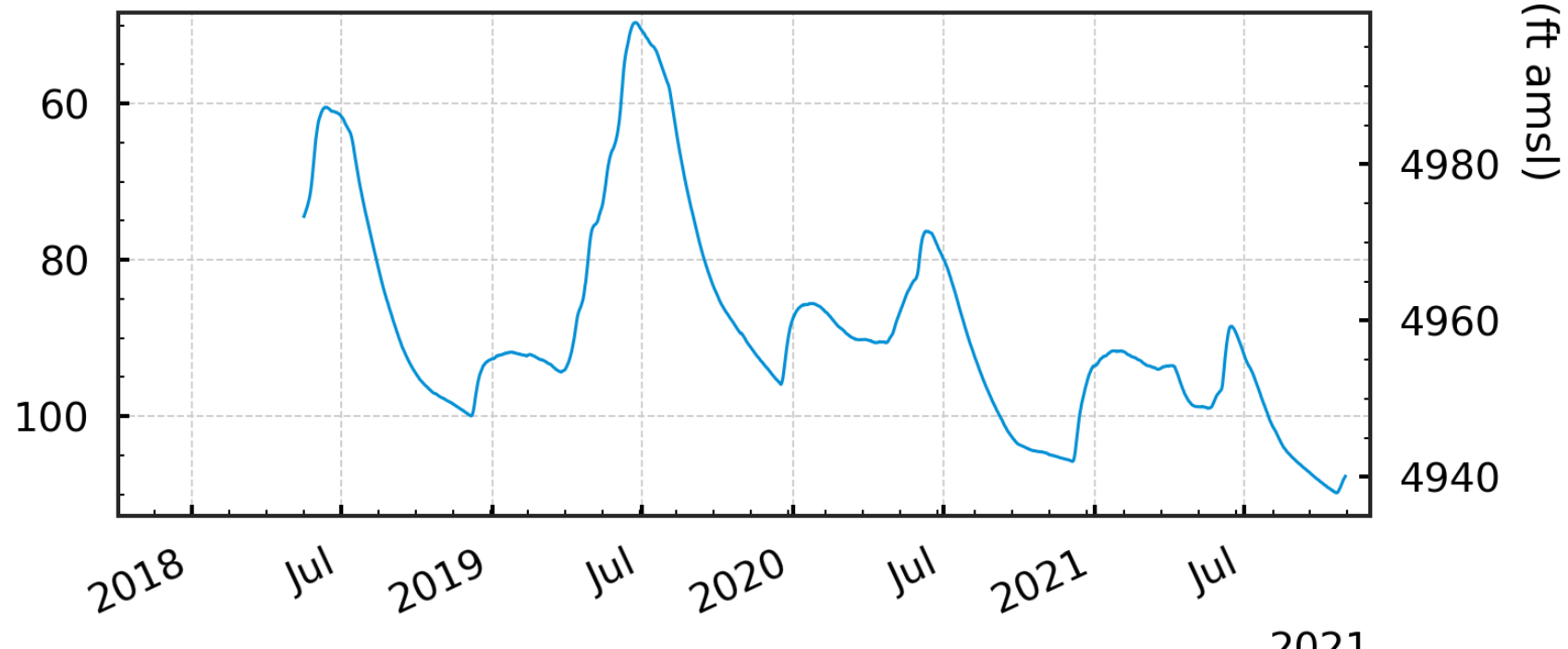
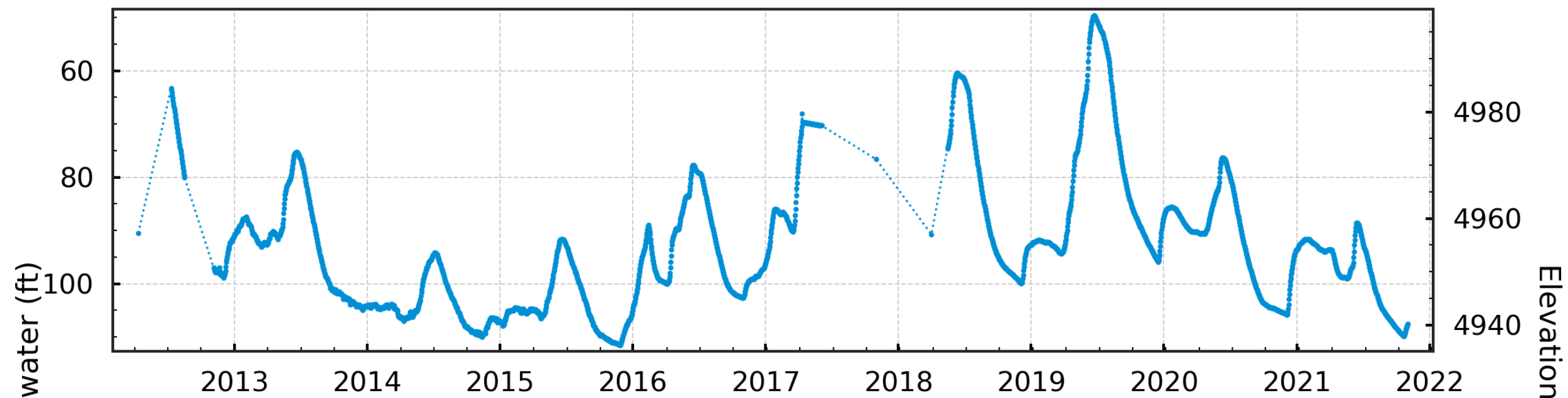
01N 19E 20CBC1 Casey



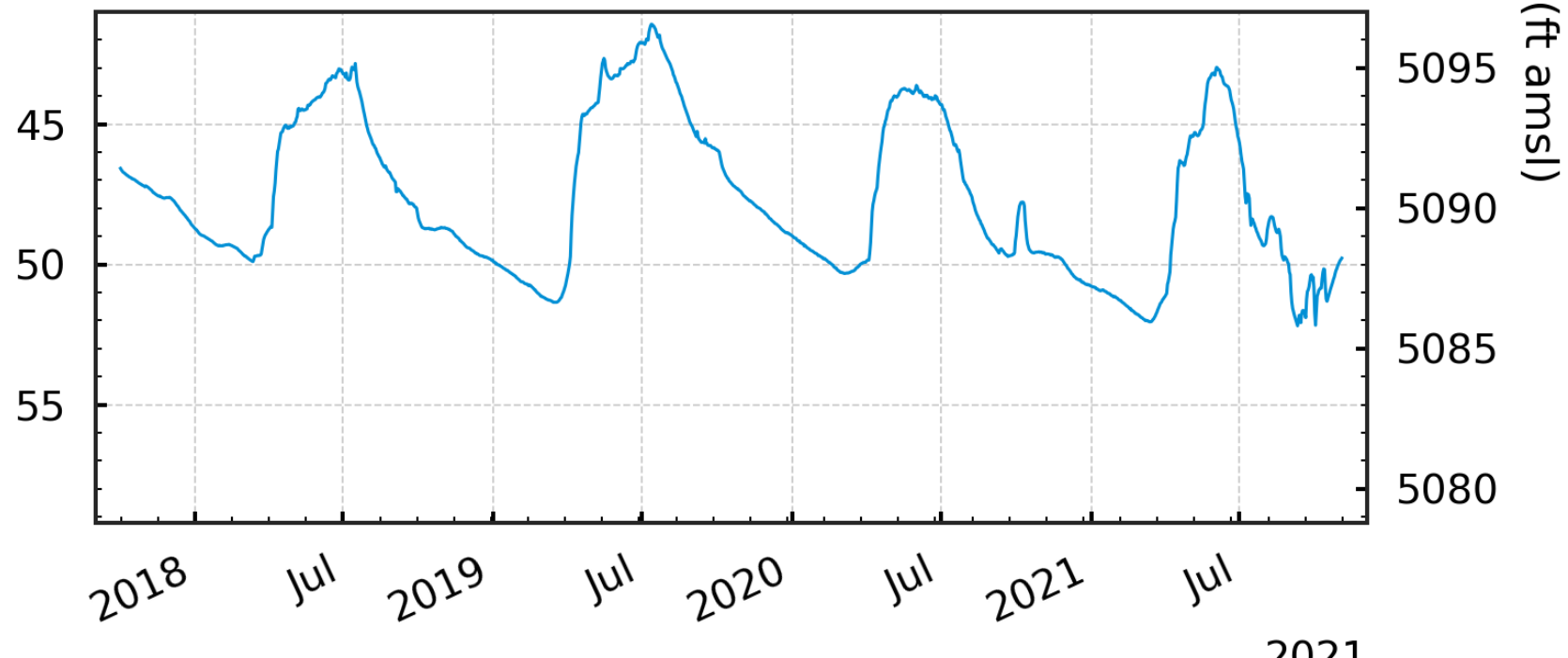
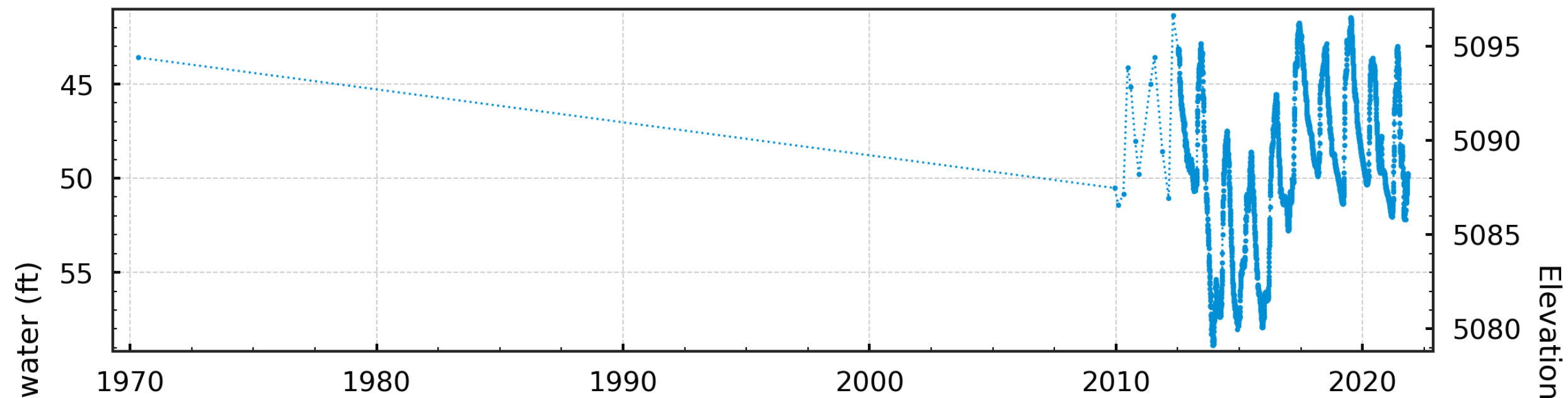
01N 19E 20BBC1 Gardner



01N 18E 14DBC1 Bellevue WWTP Monitor

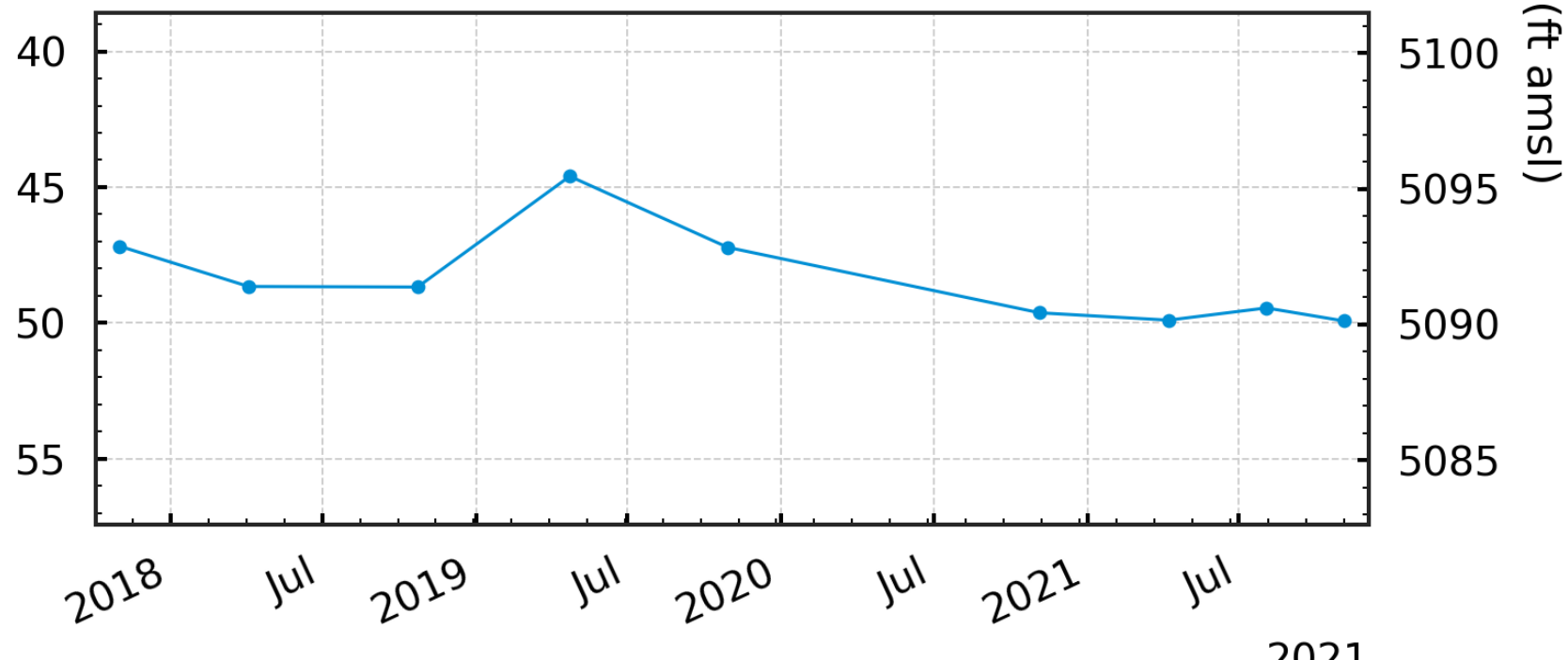
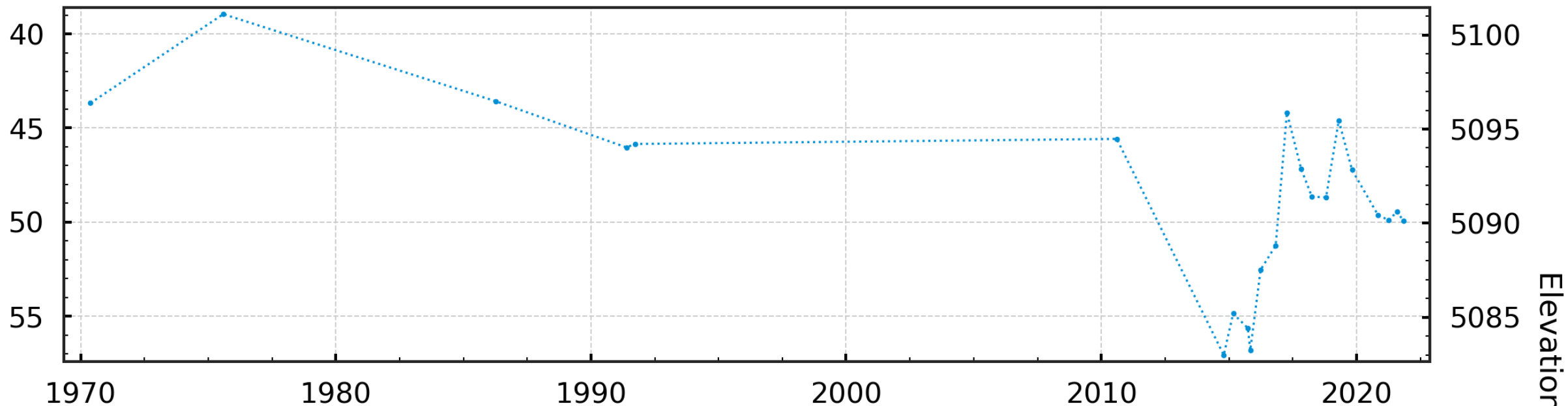


01N 18E 01DAA2 USGS-Labrador South



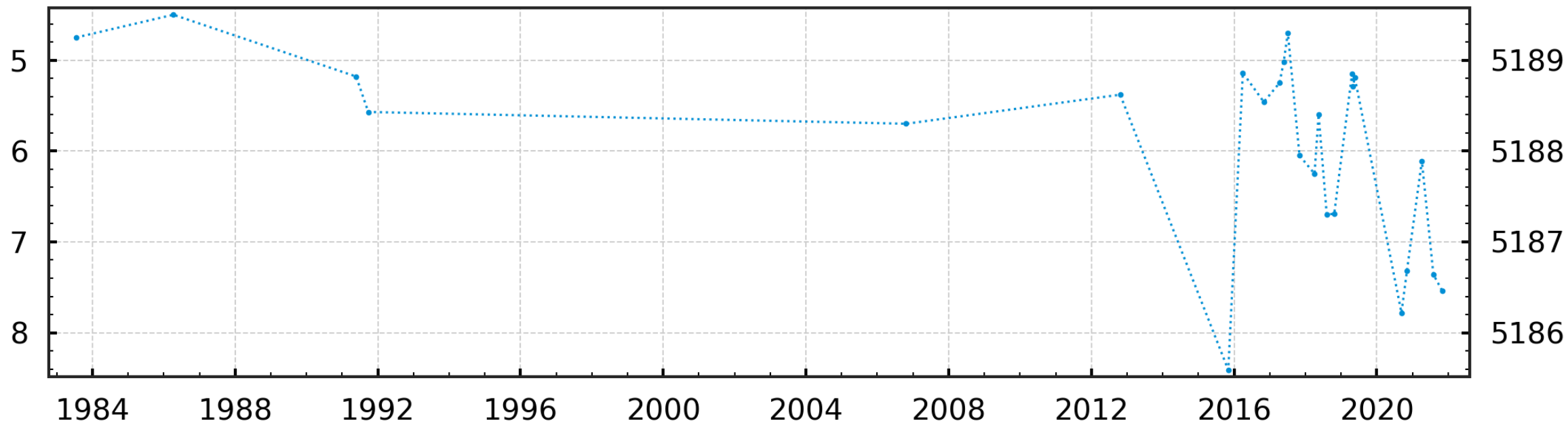
01N 19E 06CBB1 Labrador North

Depth to water (ft)

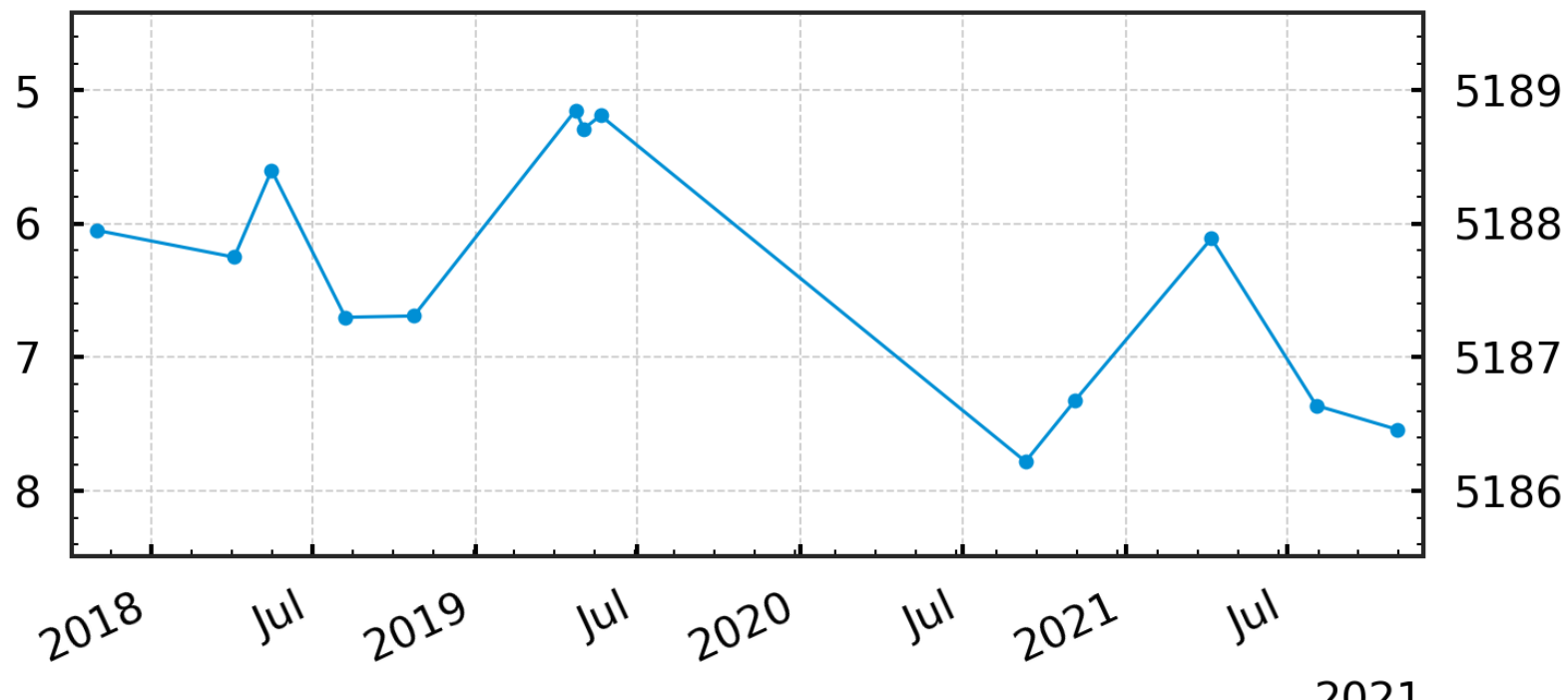


02N 18E 26CBB1 S Broadford Rd

Depth to water (ft)

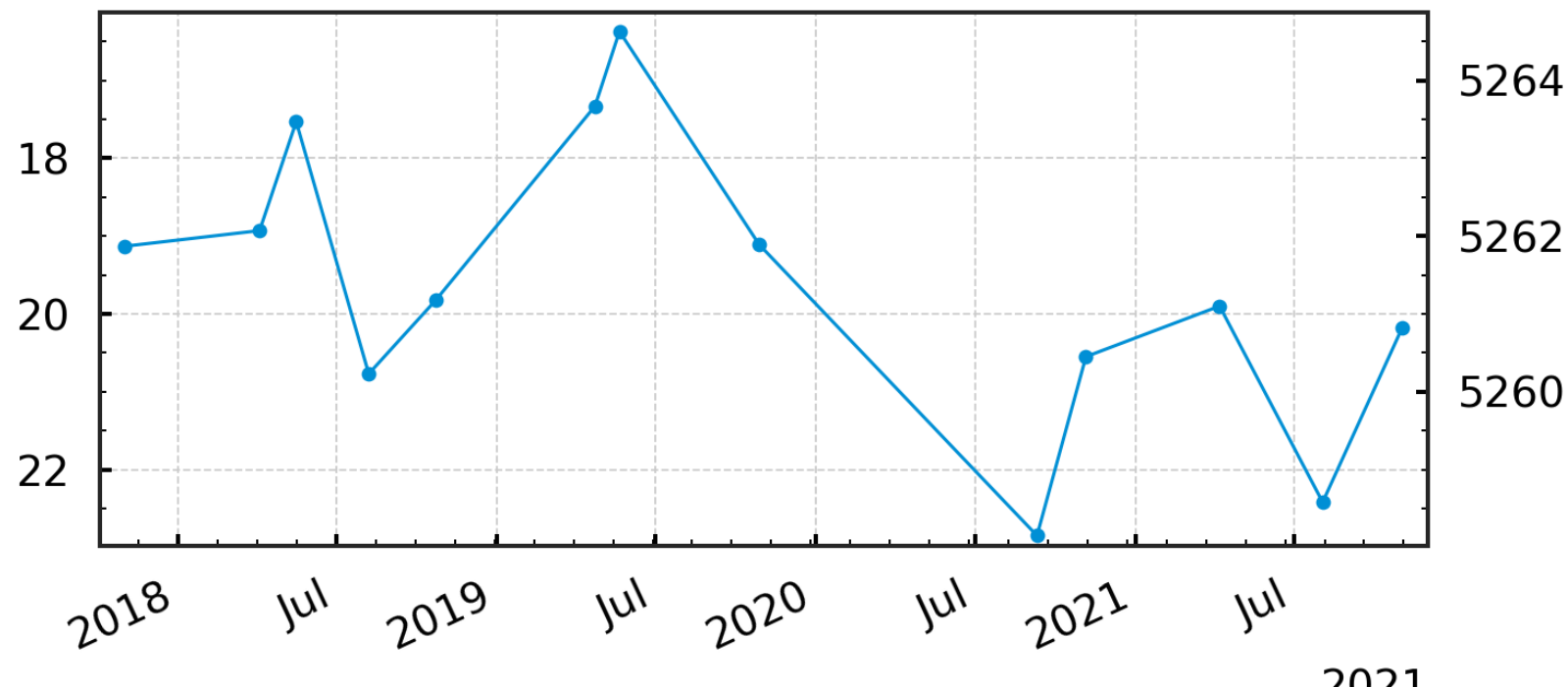
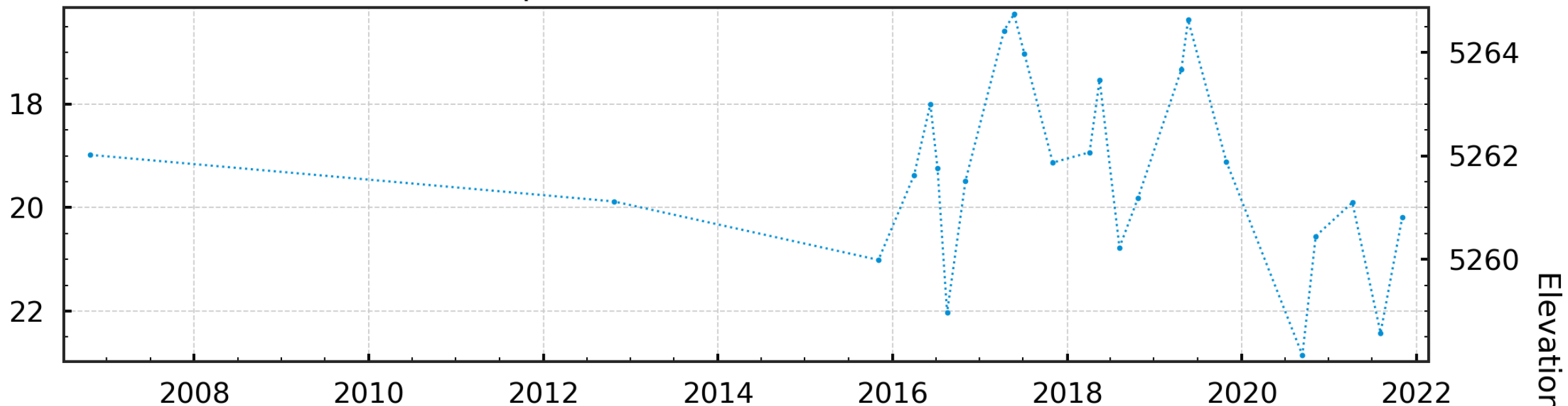


Elevation (ft amsl)

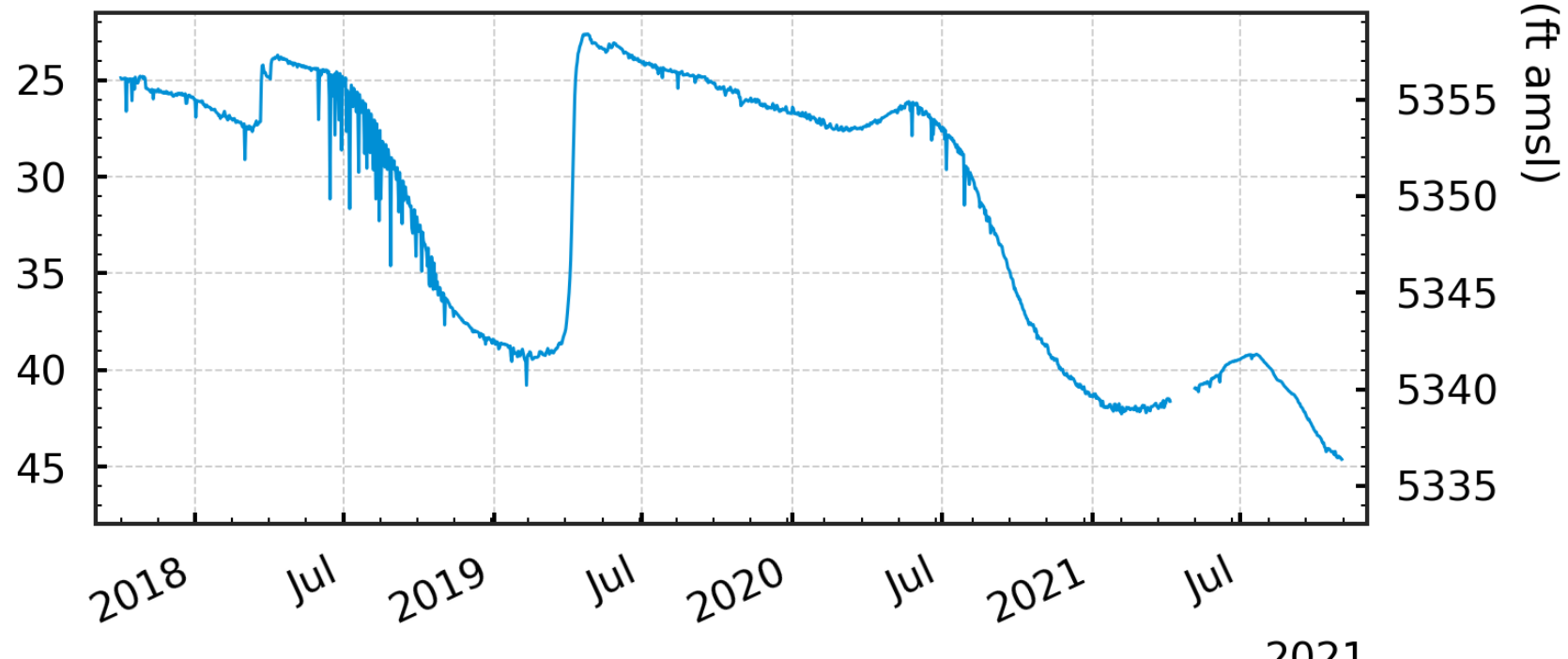
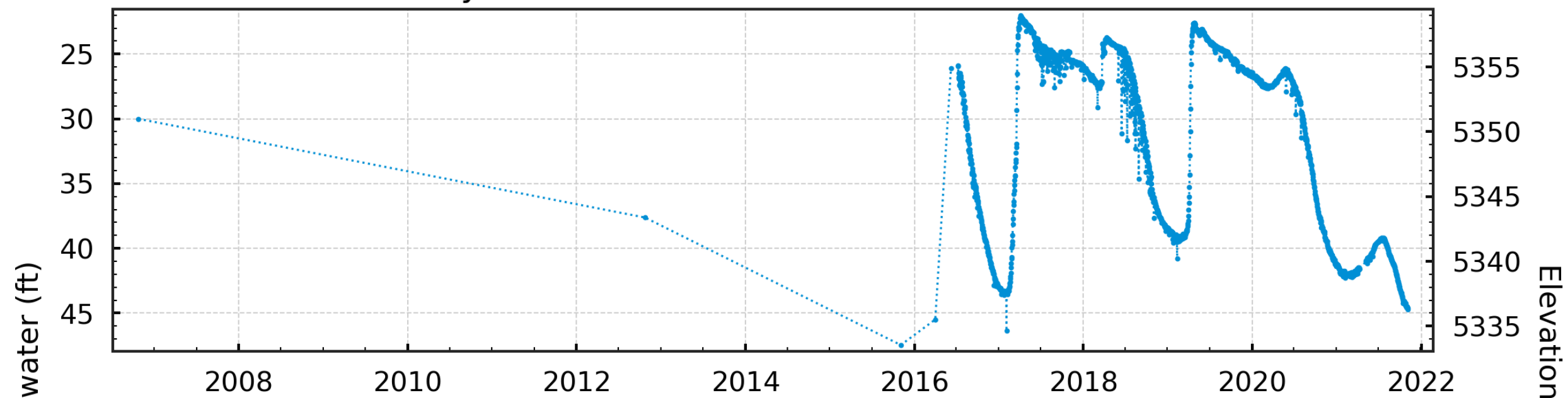


02N 18E 15CBB1 Kirk Group

Depth to water (ft)

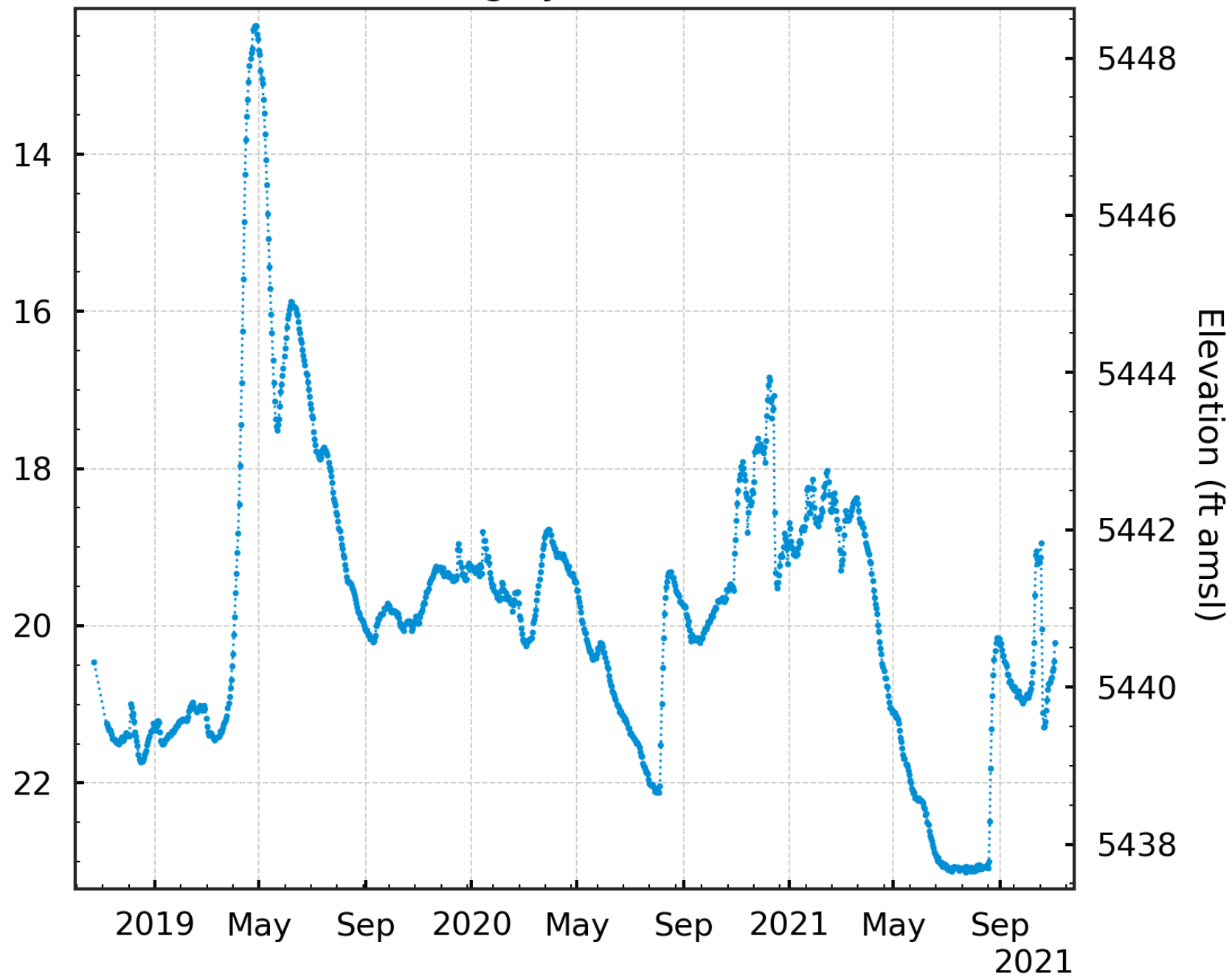


02N 18E 17BDA1 Croy Creek Animal Shelter

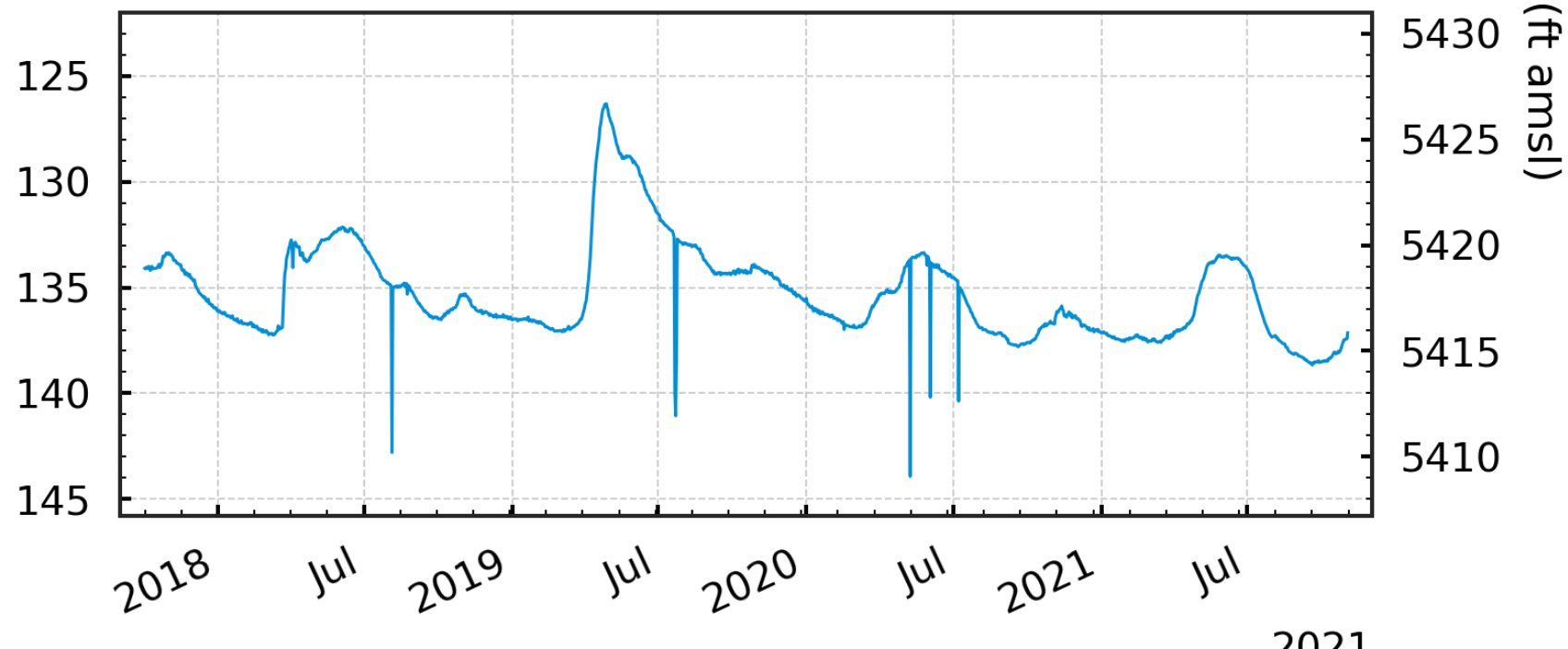
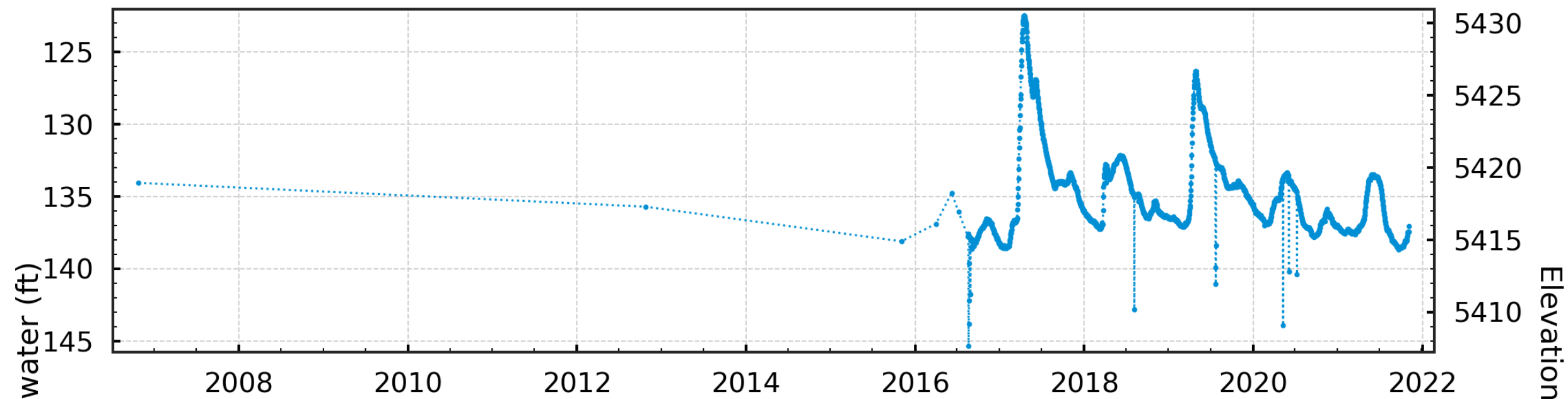


02N 18E 02CDA1 Quigley

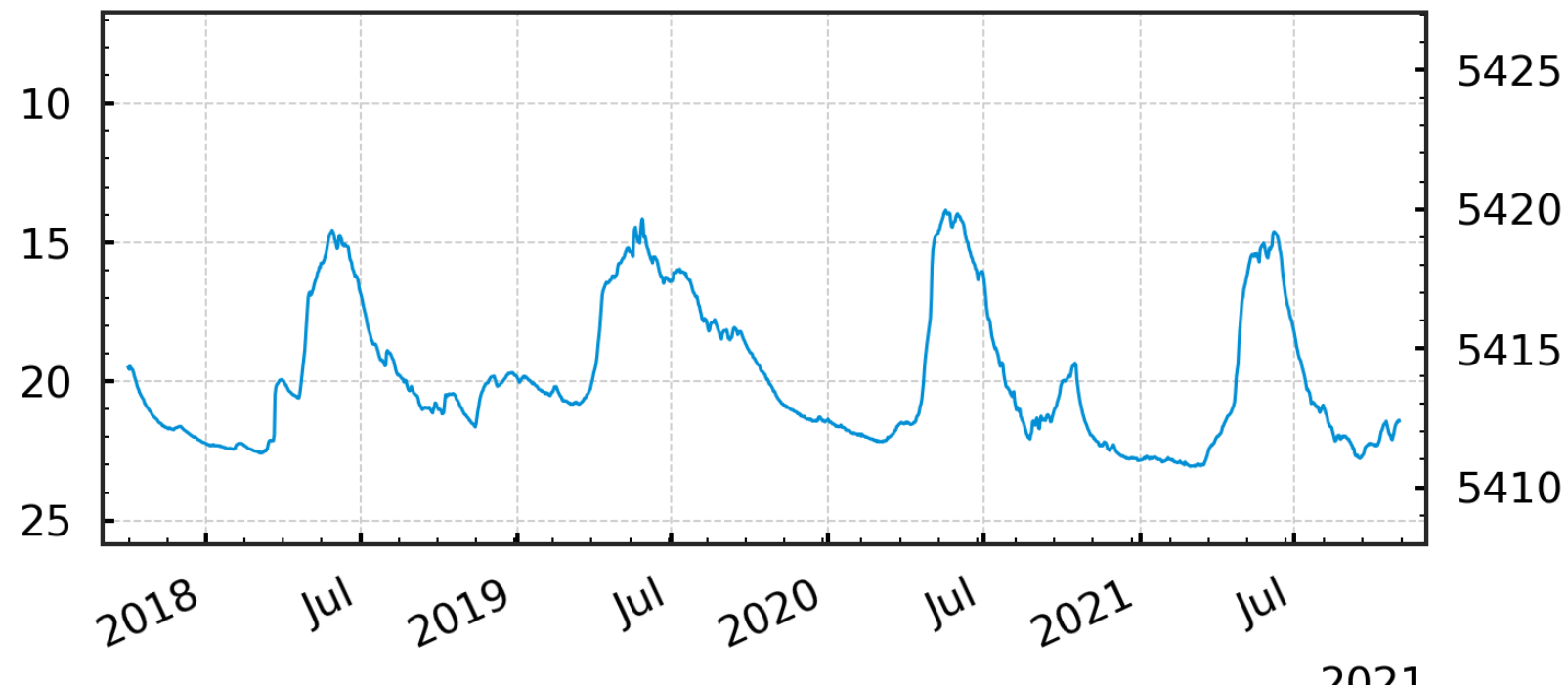
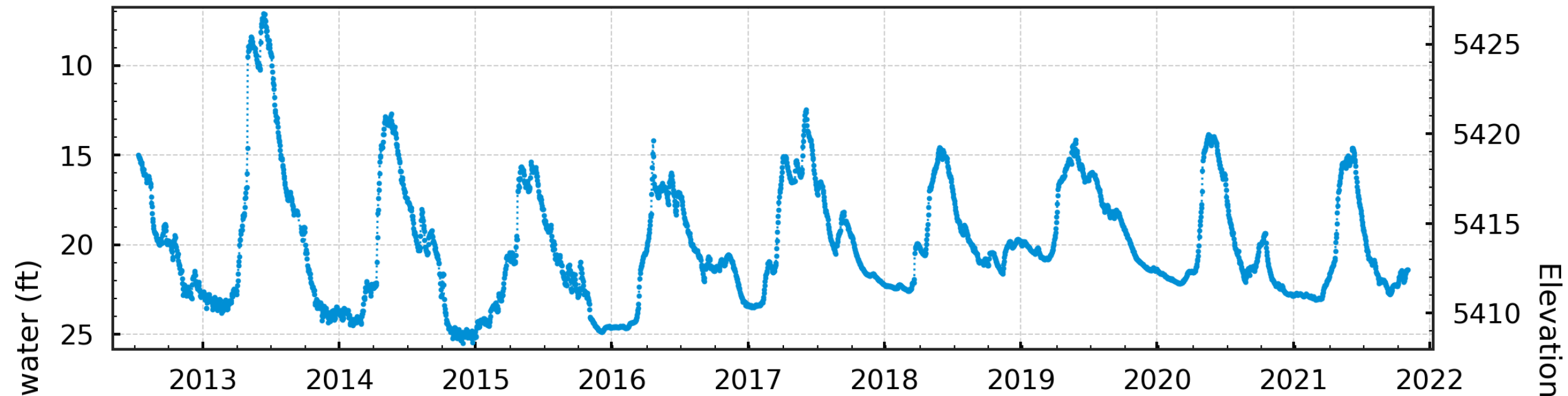
Depth to water (ft)



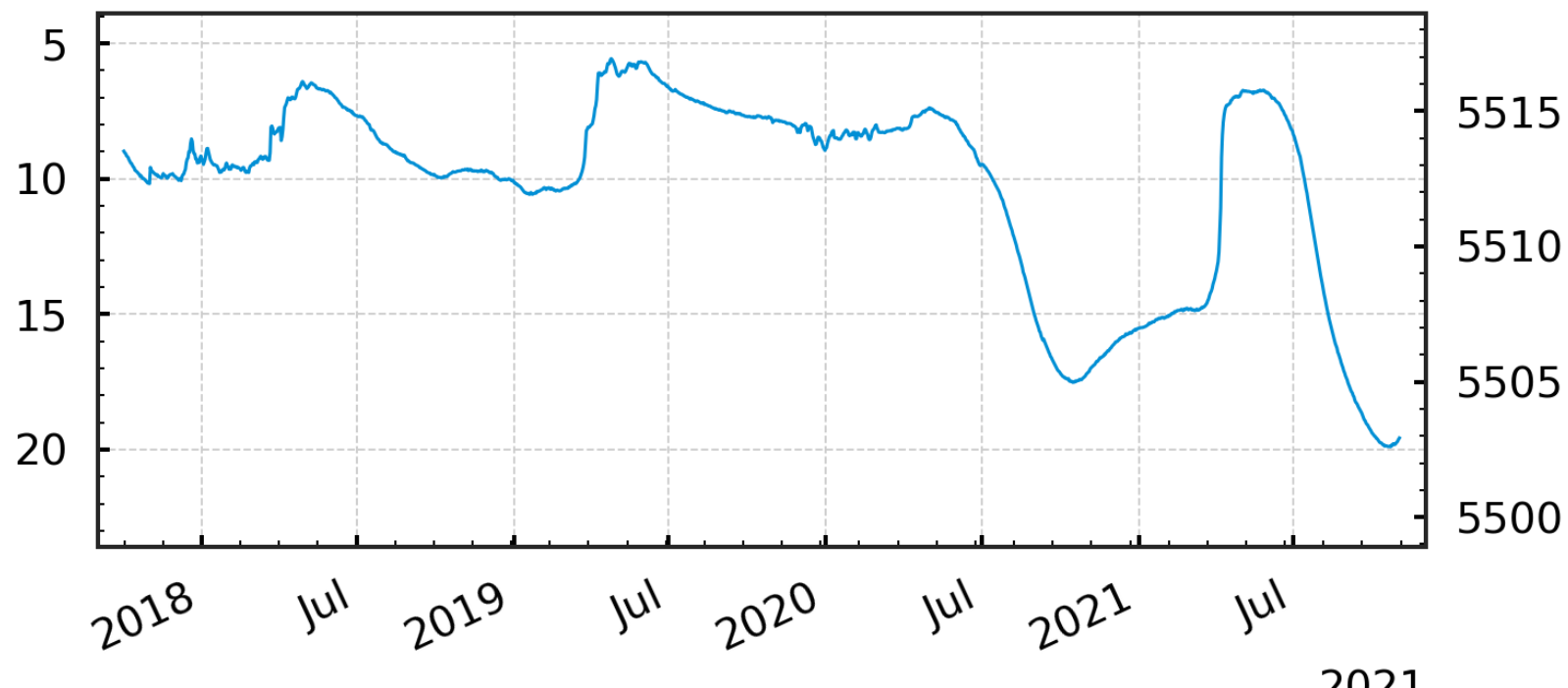
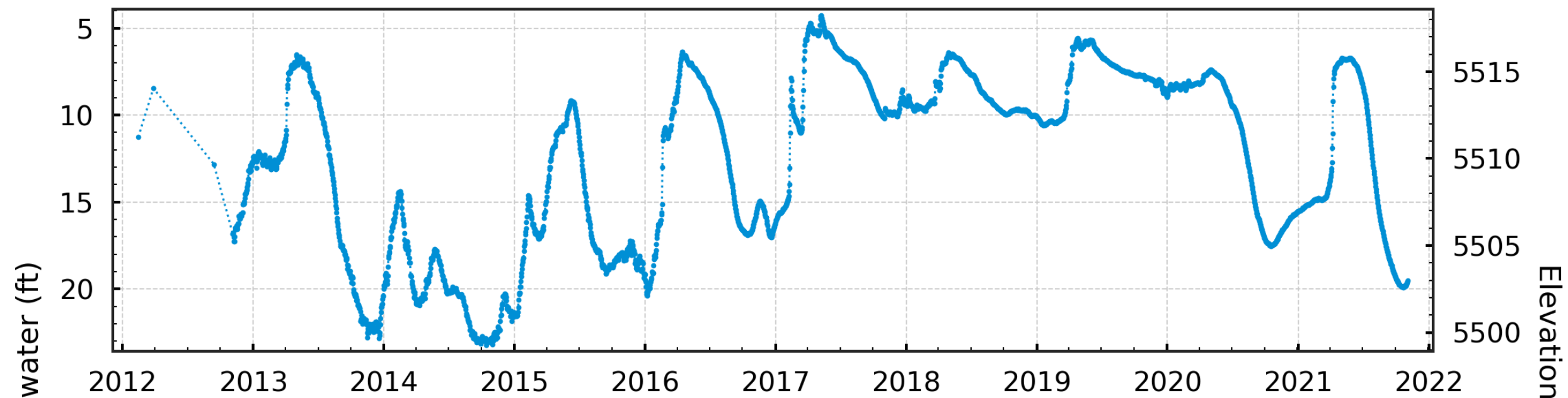
03N 18E 28DCA1 Indian Creek



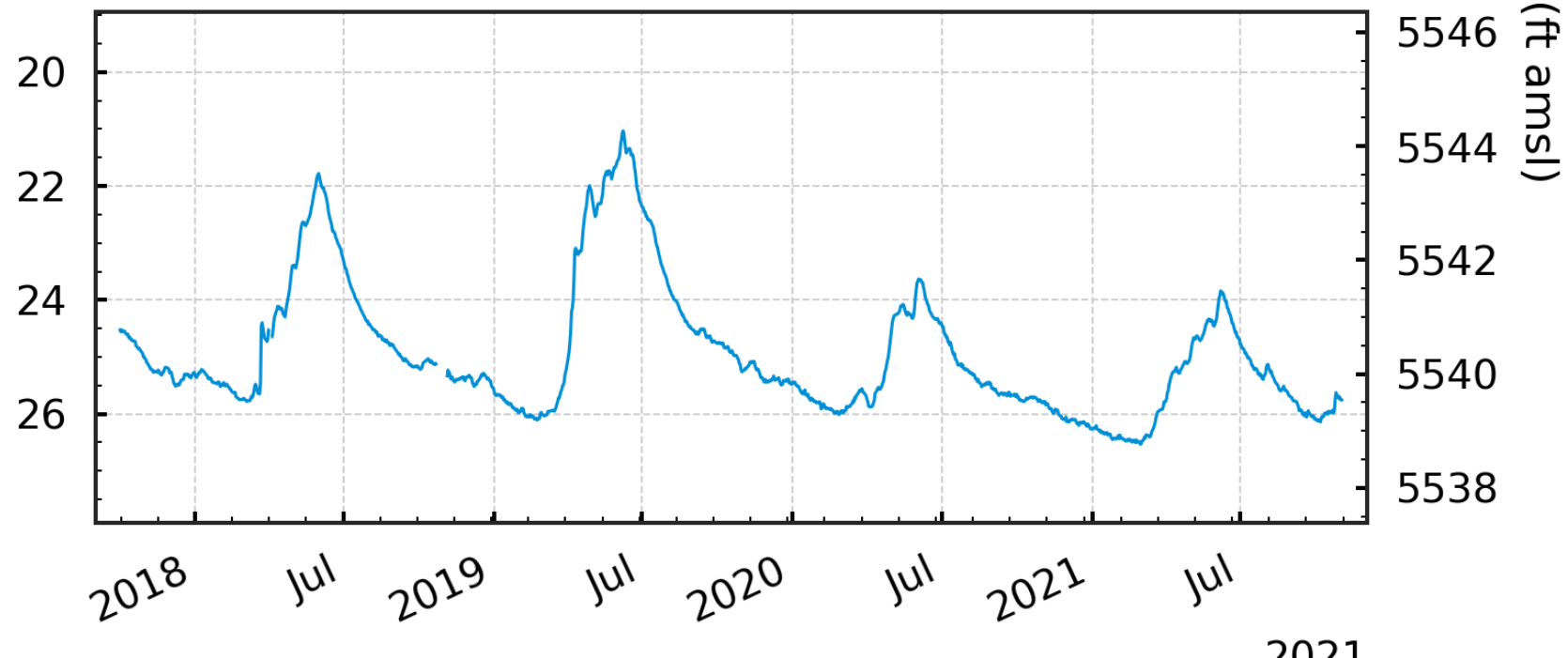
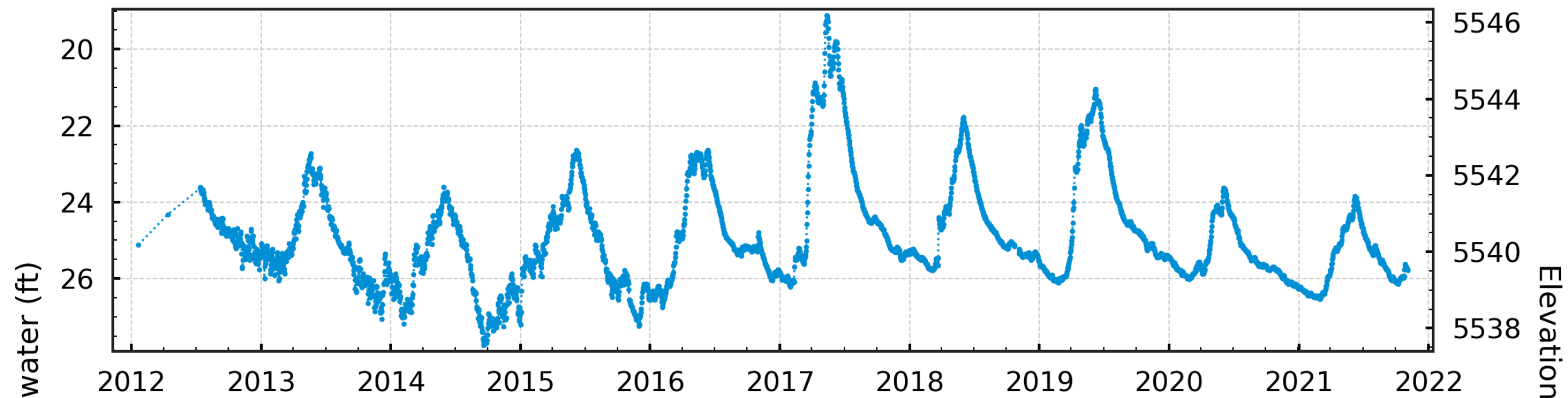
03N 18E 29DDB1 IDWR-Rinker Trust



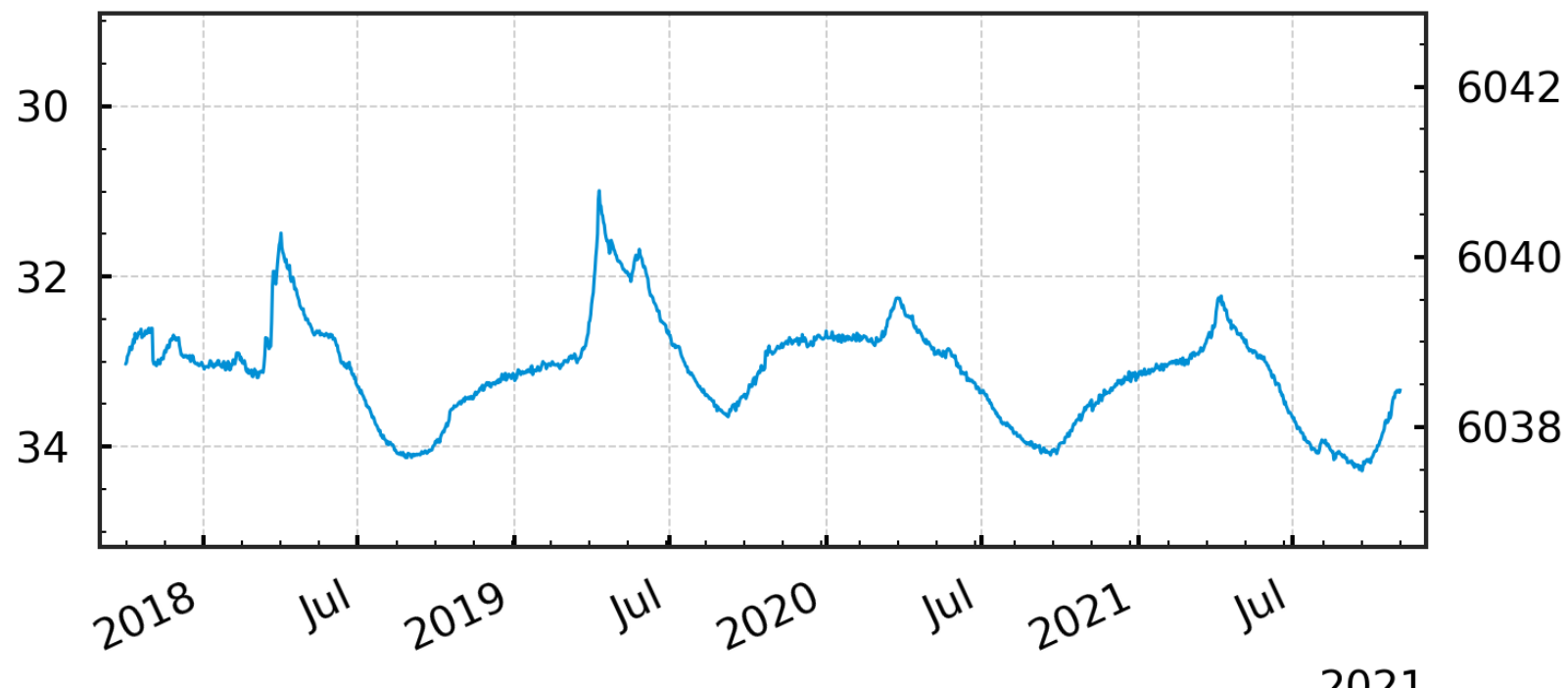
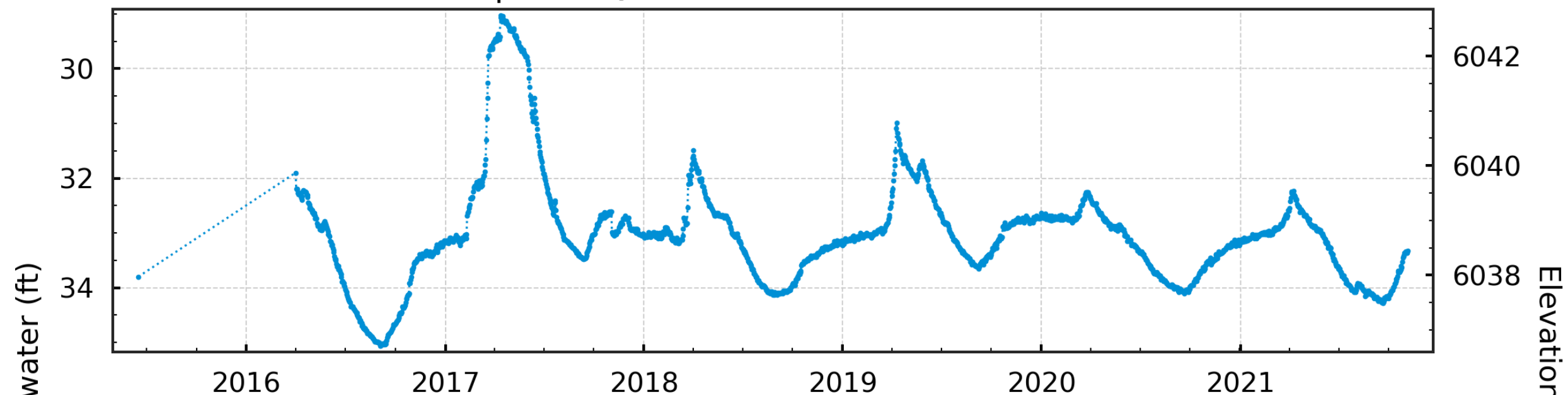
03N 17E 25DAB1 Deer Creek Ranch MW4



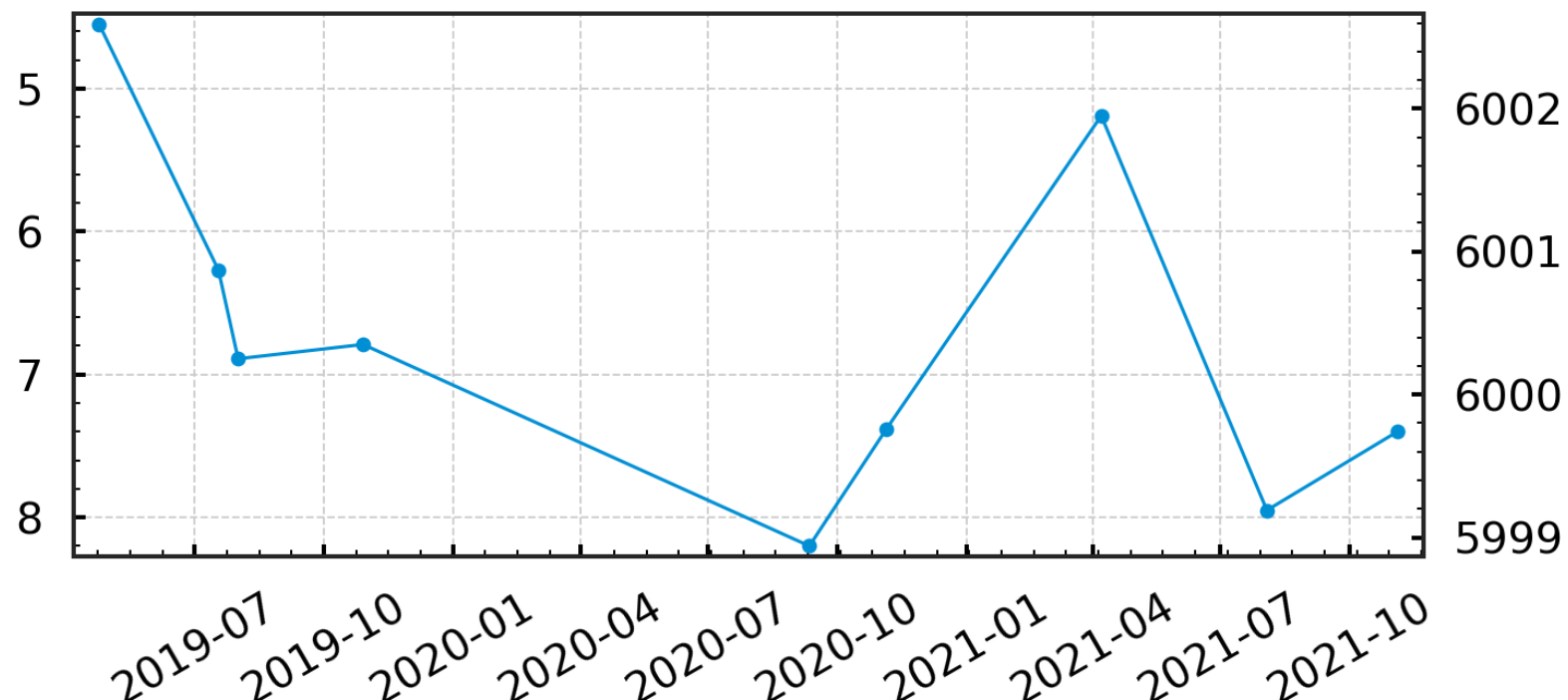
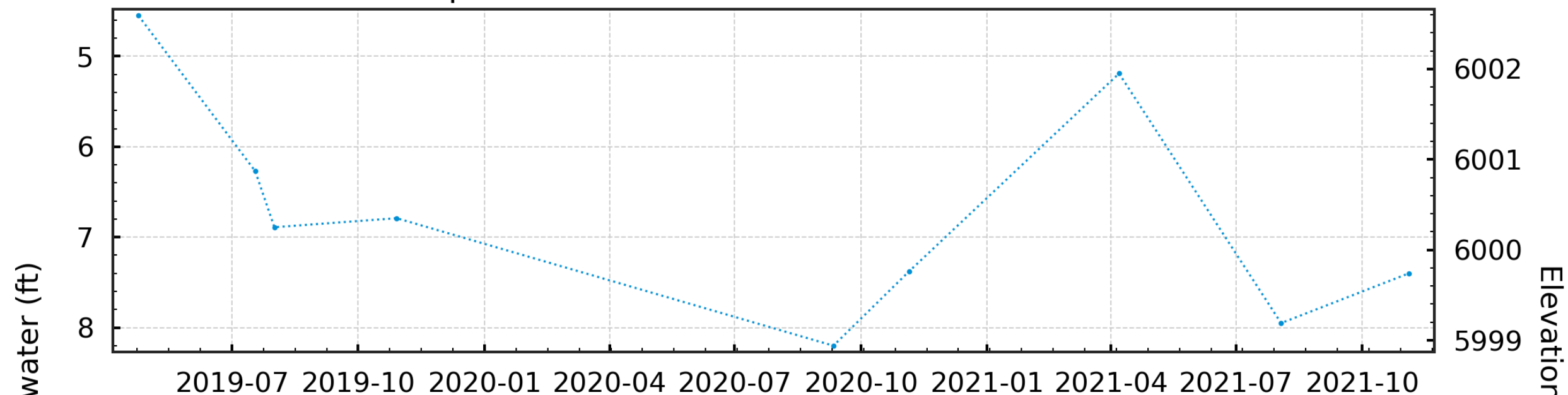
03N 18E 07DDB1 IDWR-East Fork



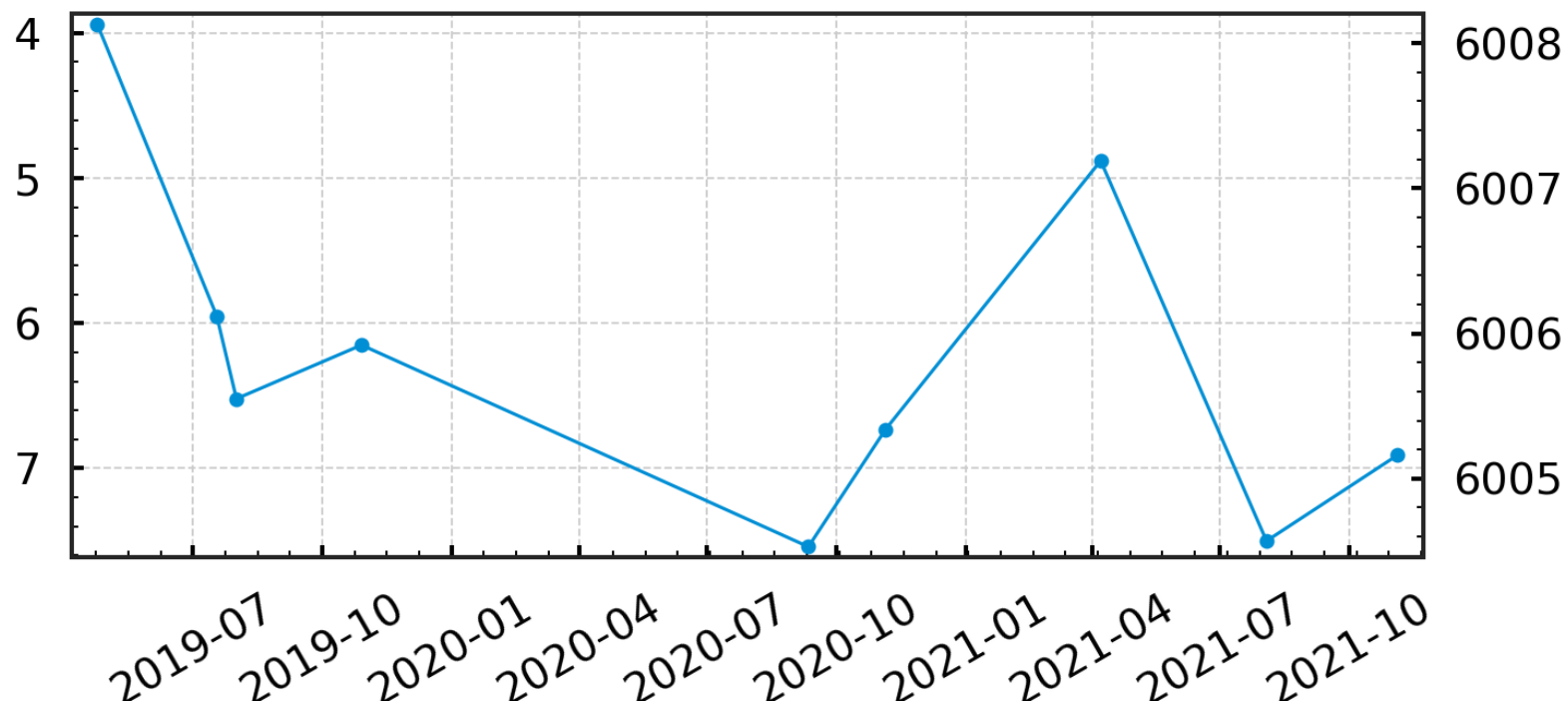
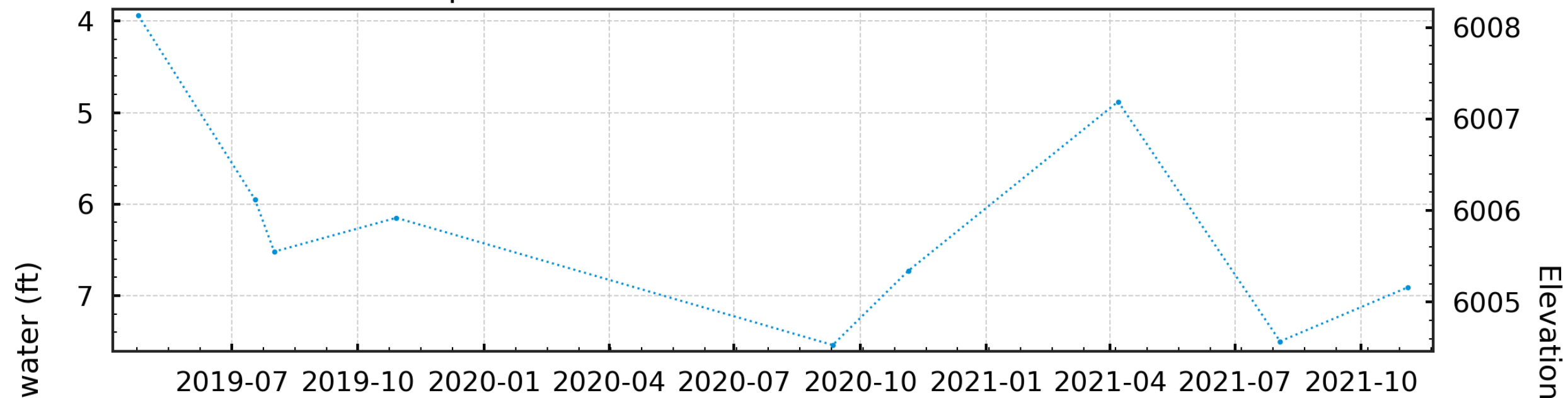
04N 18E 25CCC1 Triumph IDEQ



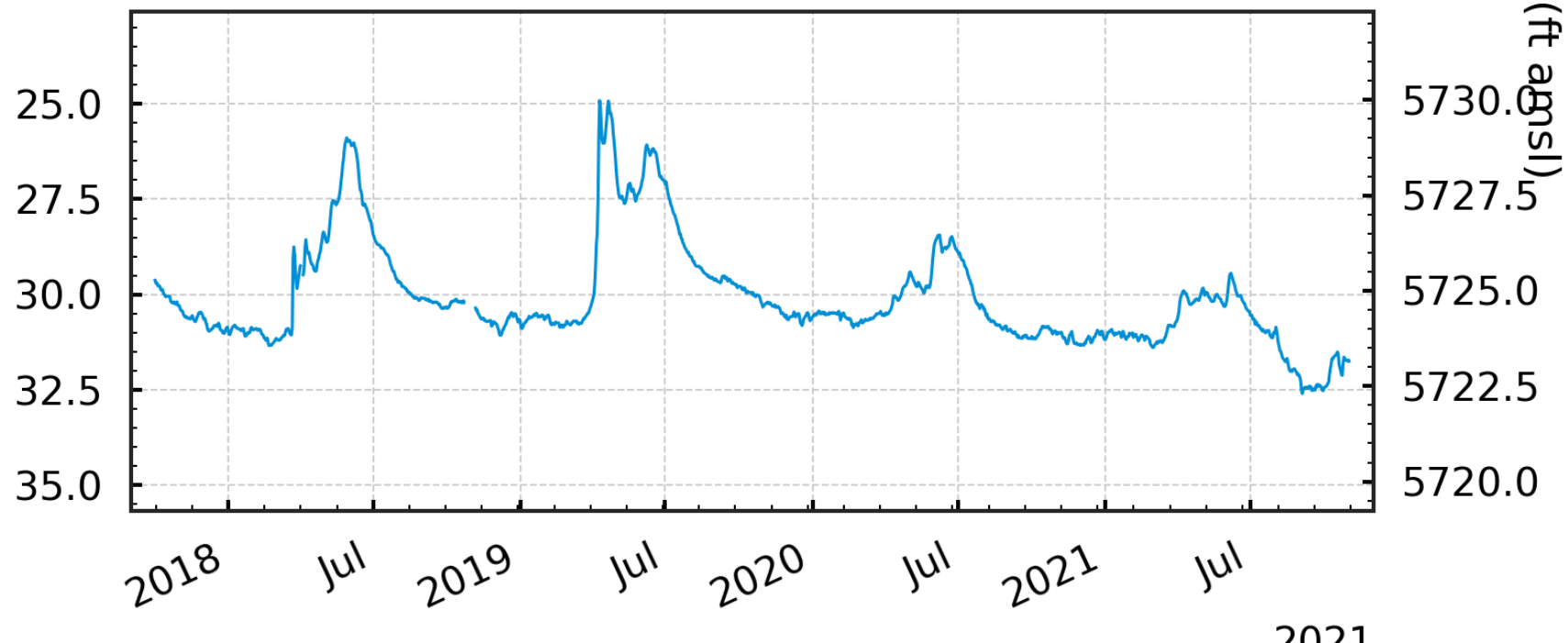
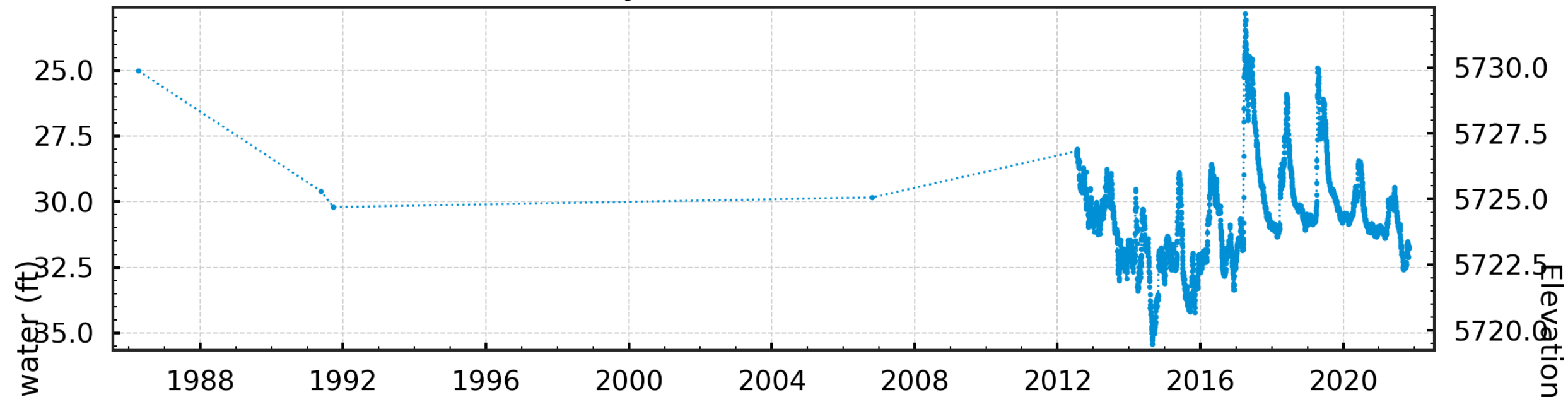
04N 18E 36BCB1 Dept of Lands MW 21



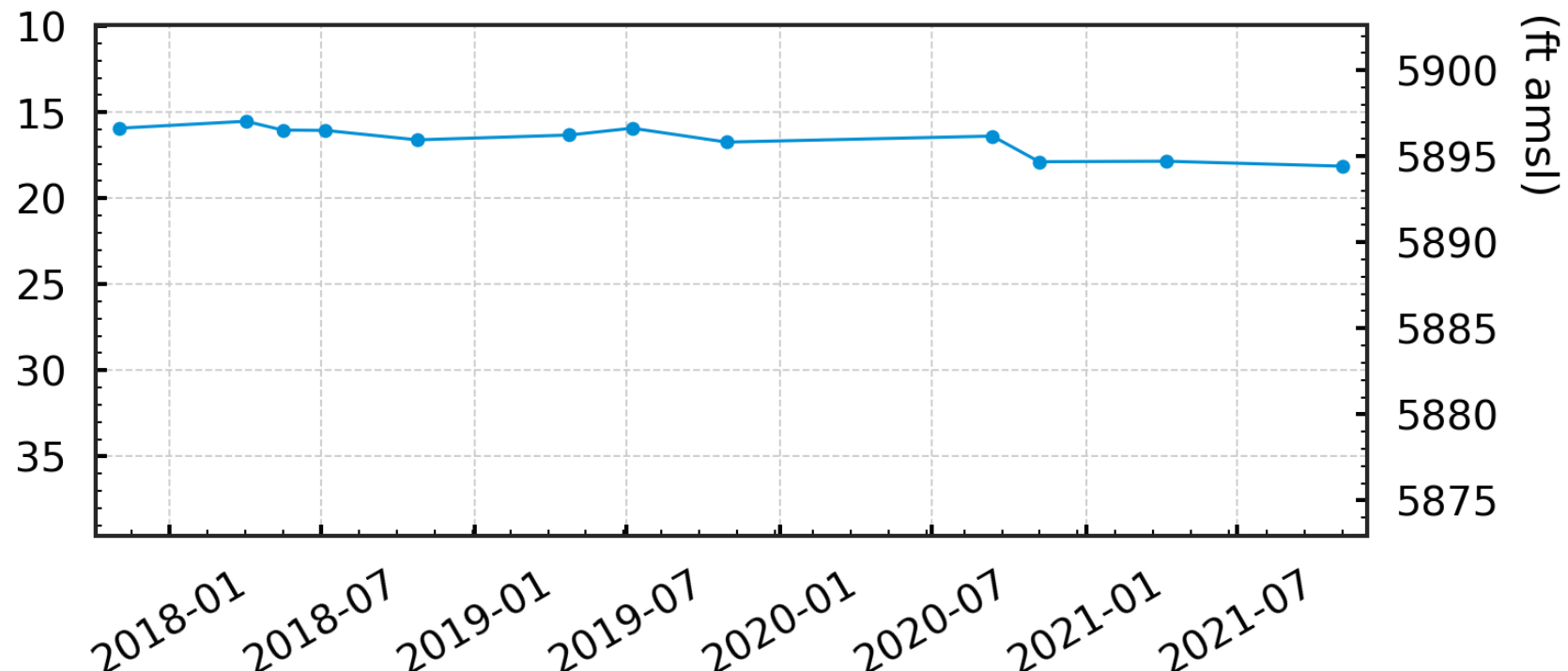
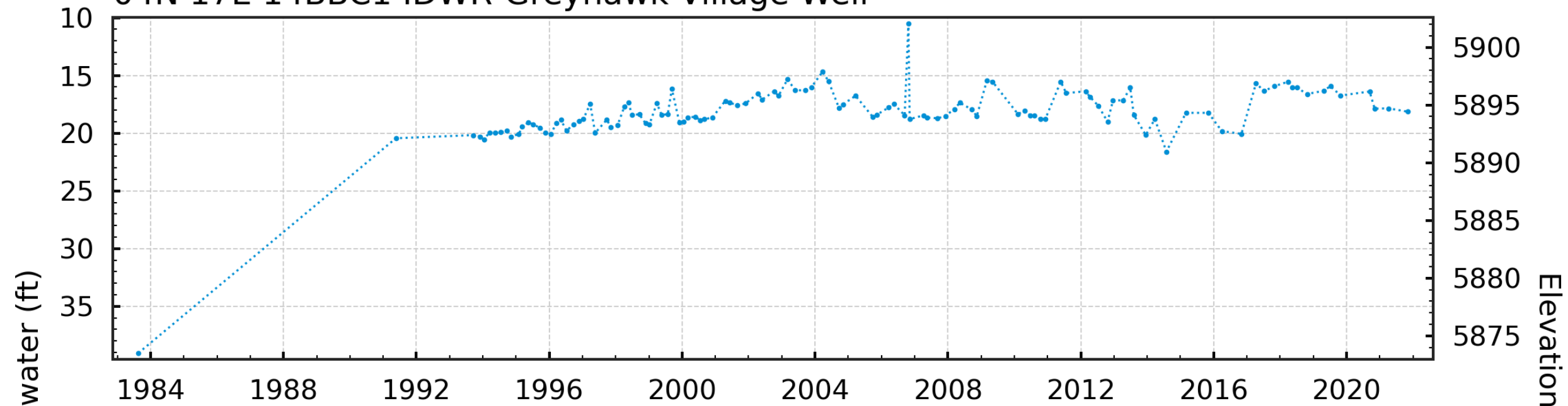
04N 18E 36BCB2 Dept of Lands MW 20



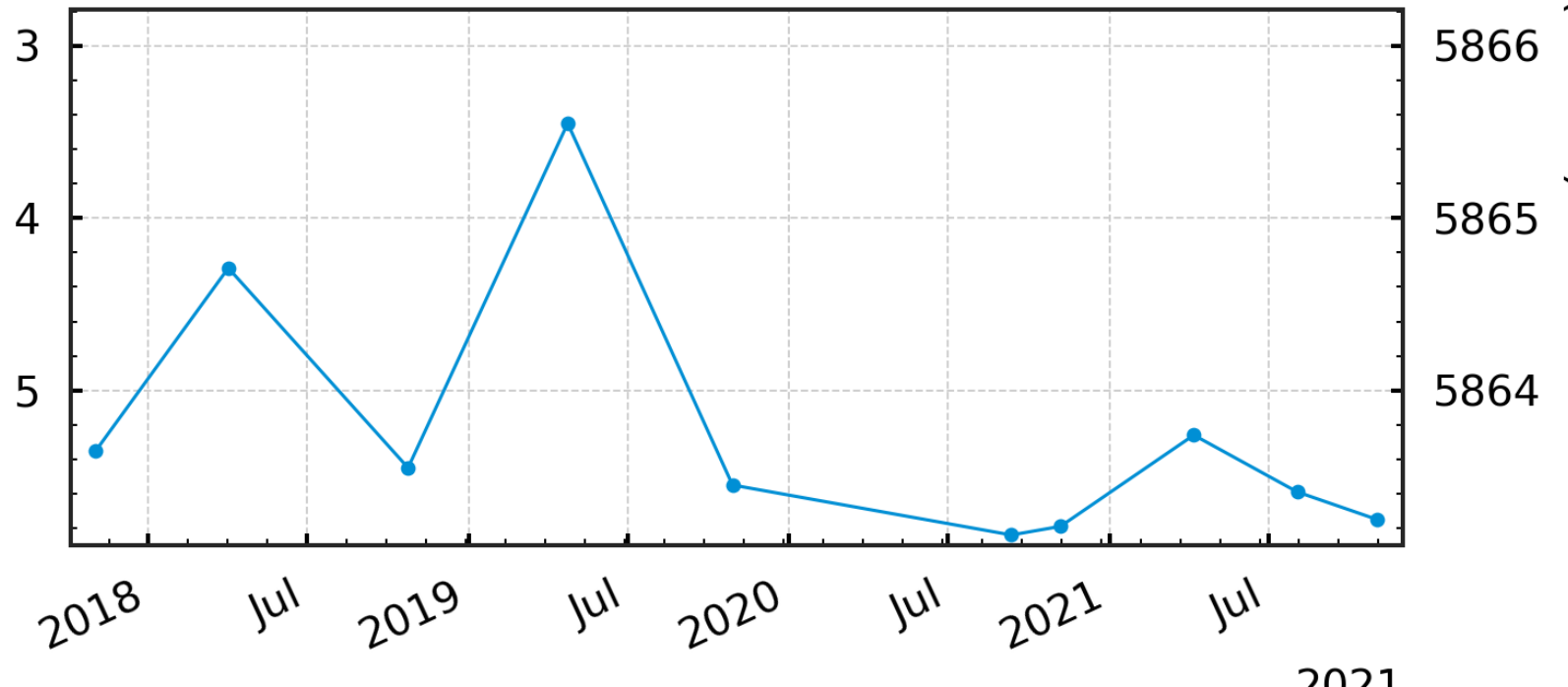
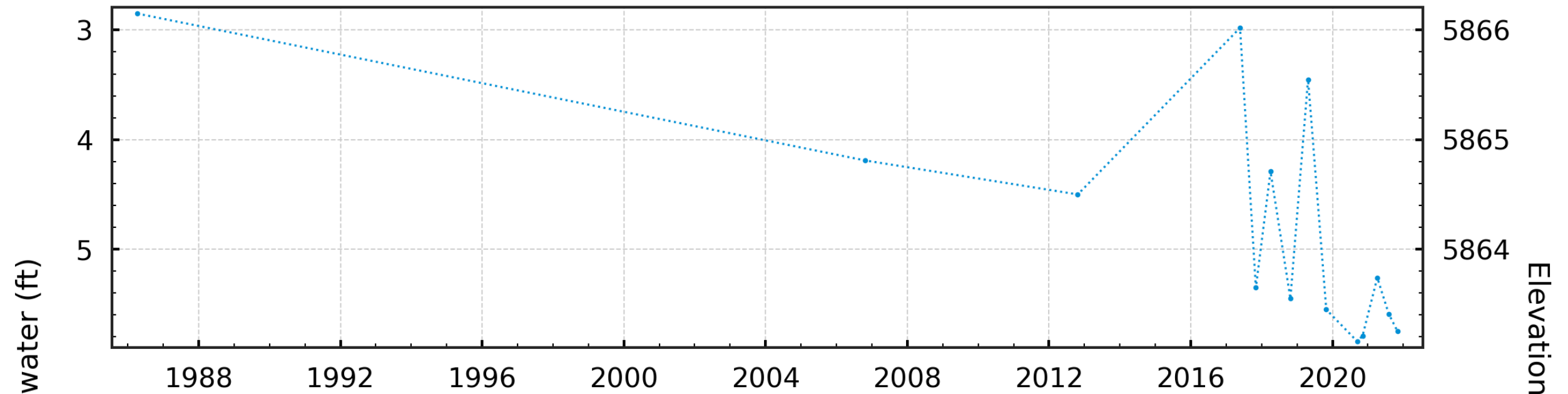
04N 18E 19DBB1 Blaine Co Hwy



04N 17E 14BBC1 IDWR-Greyhawk Village Well

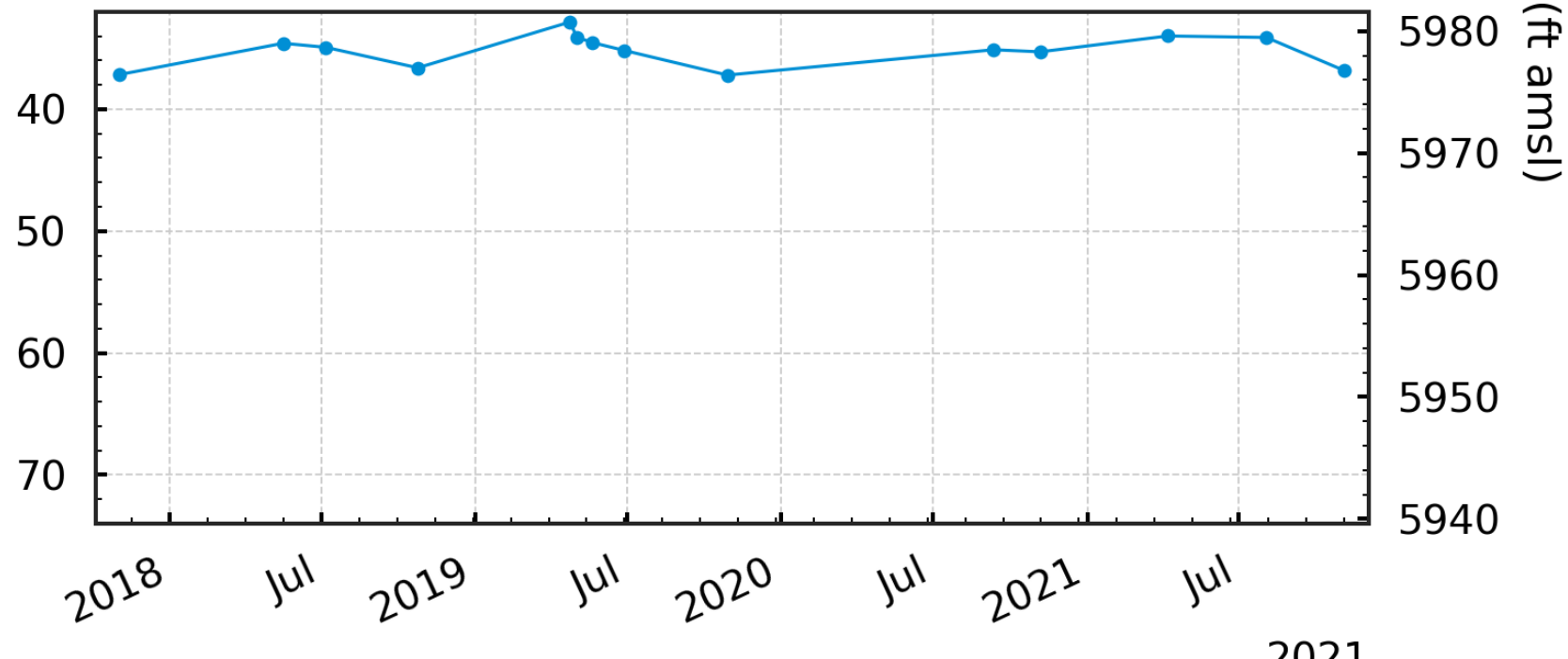
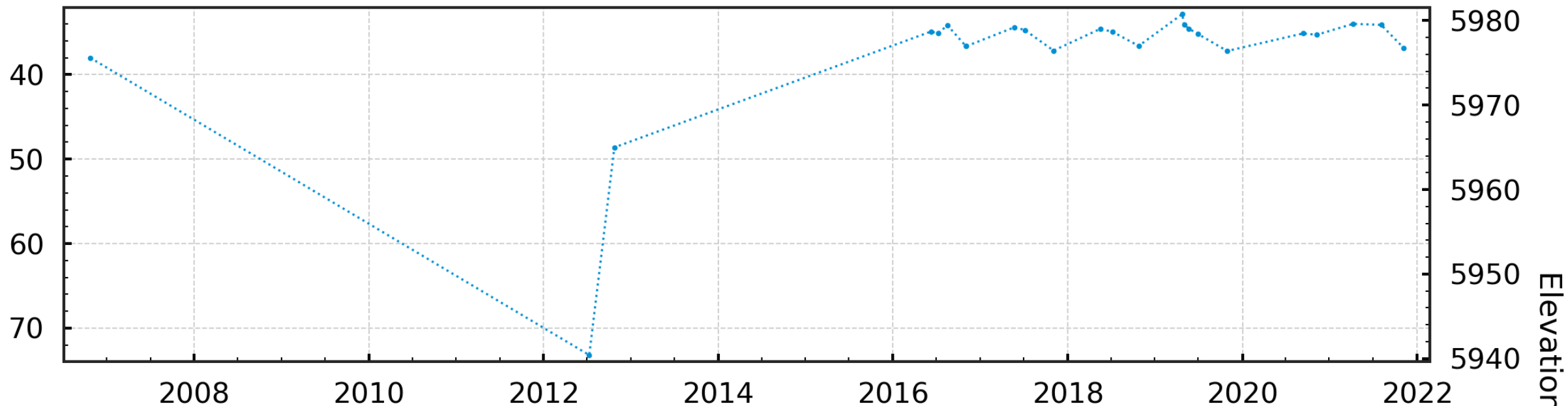


04N 17E 01DCD1 Adams Gulch

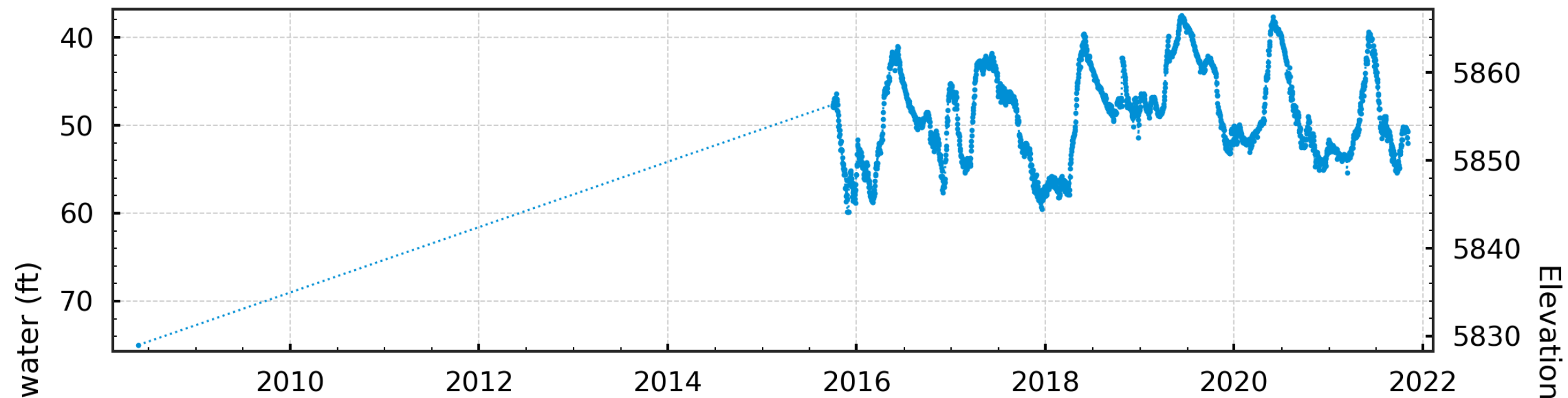


04N 18E 05CAA1 Proctor Mtn Rd

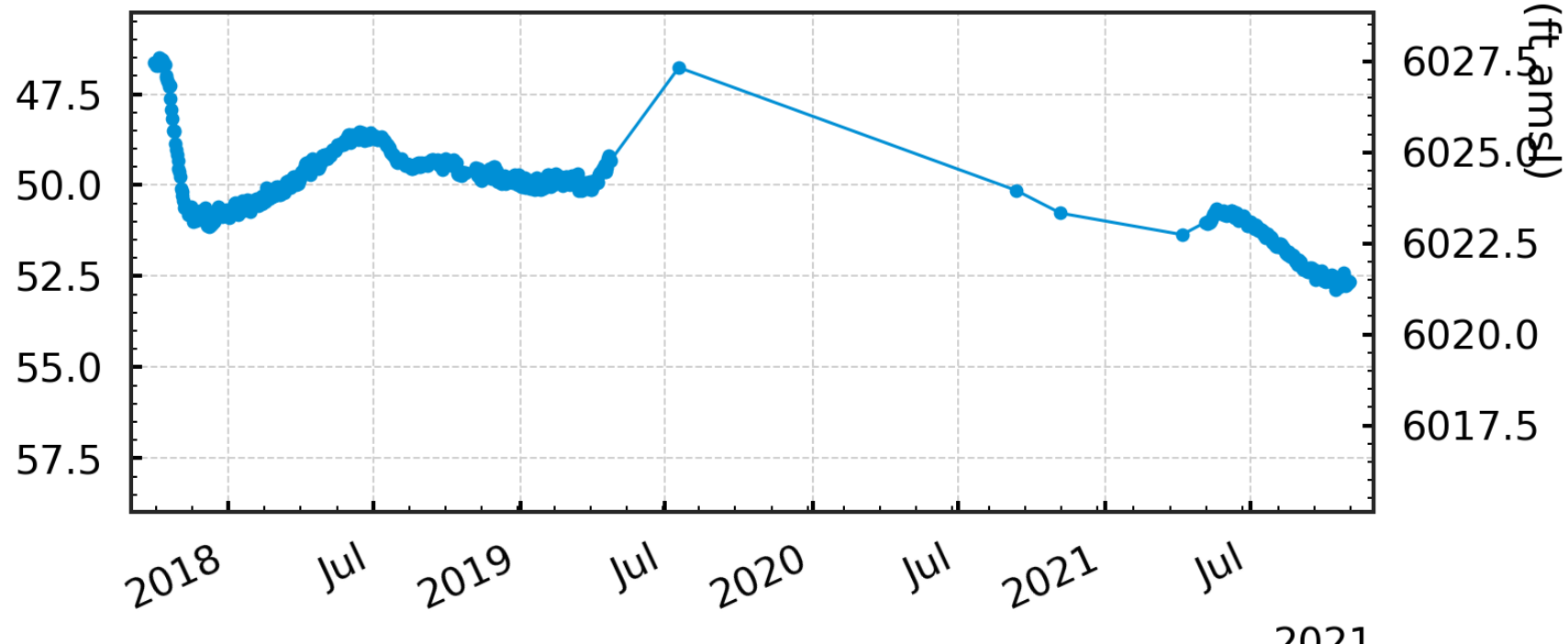
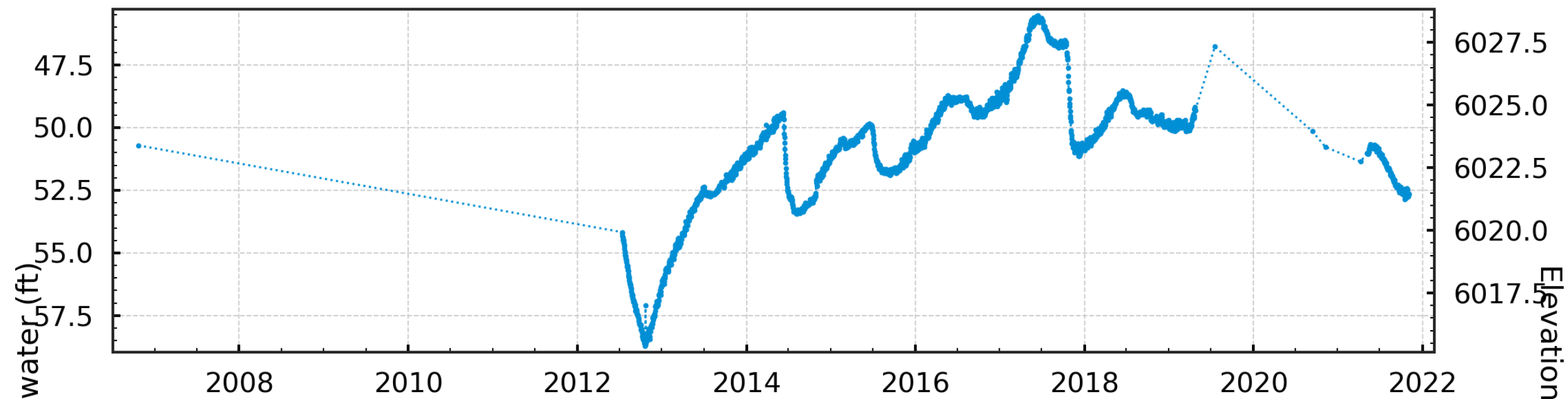
Depth to water (ft)



04N 18E 07DCA3 SVWS Trail Cr Monitor

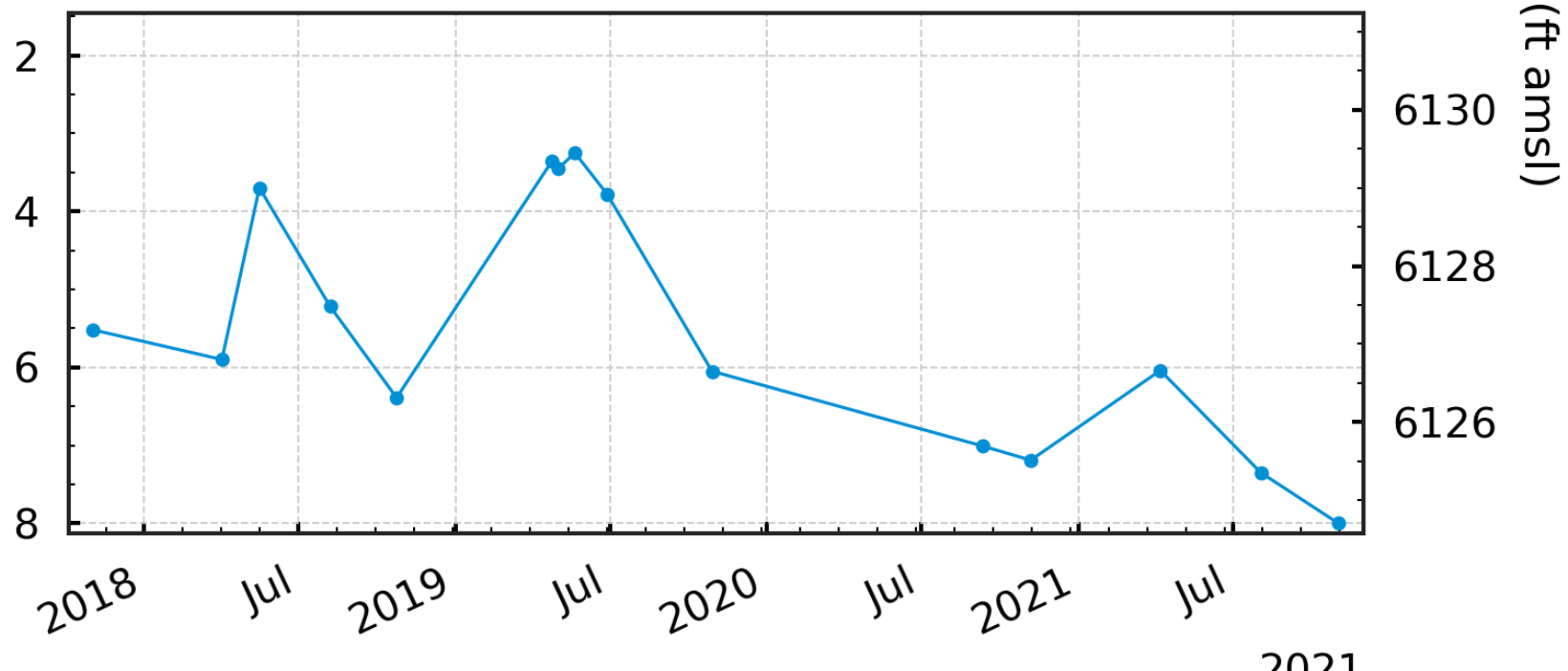
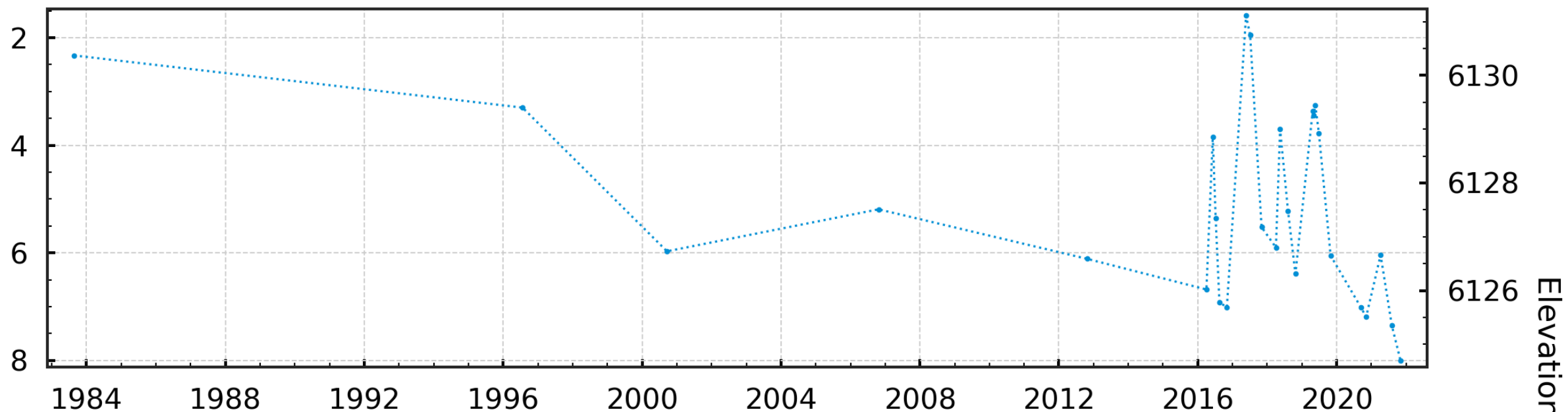


05N 17E 36AAA1 IDWR-Lake CreekWell

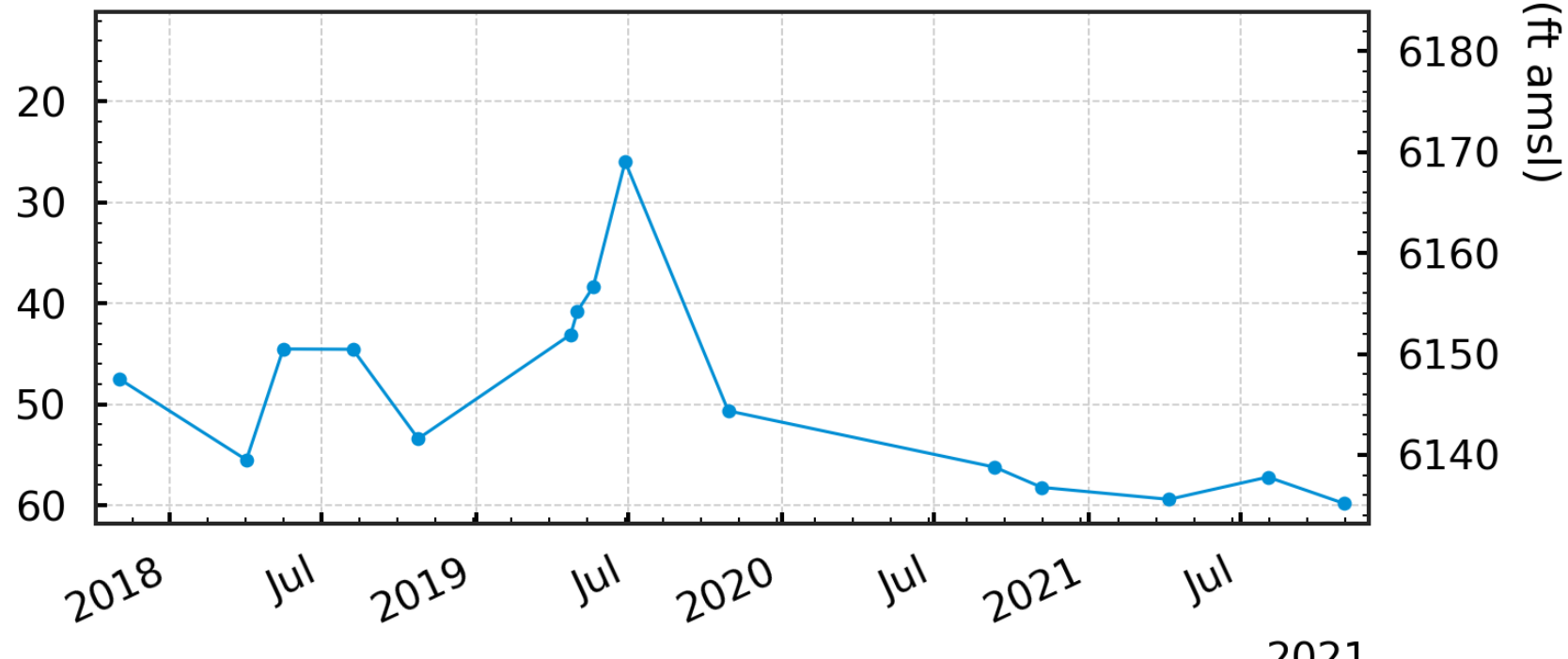
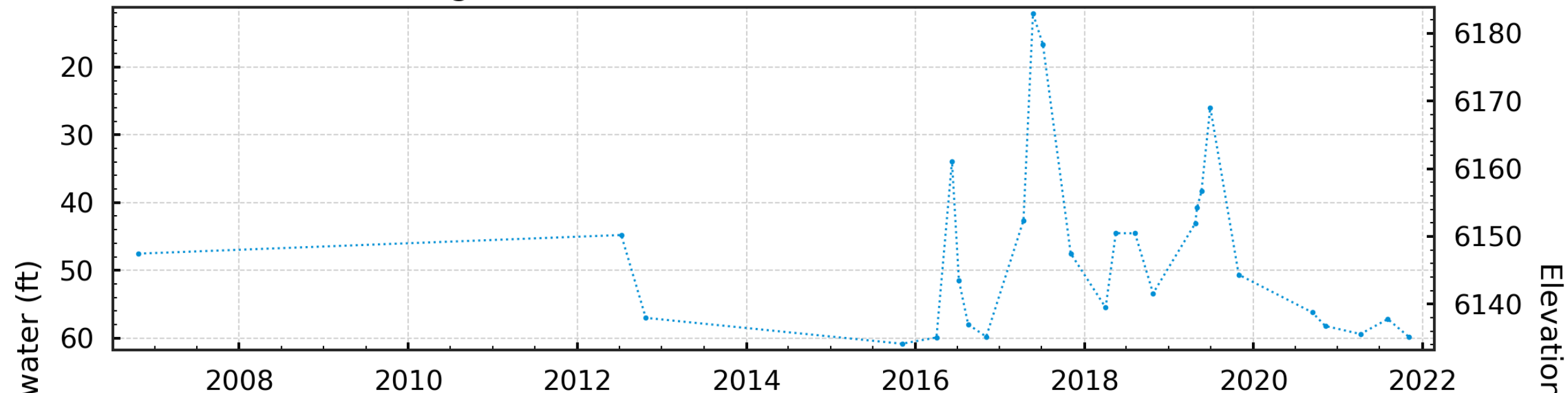


05N 17E 14CBC1 IDWR GWQM Ashurst

Depth to water (ft)



05N 17E 14ADD1 Eagle Creek



05N 17E 03CDC1 IDWR-SNF Visitor Center Well

