



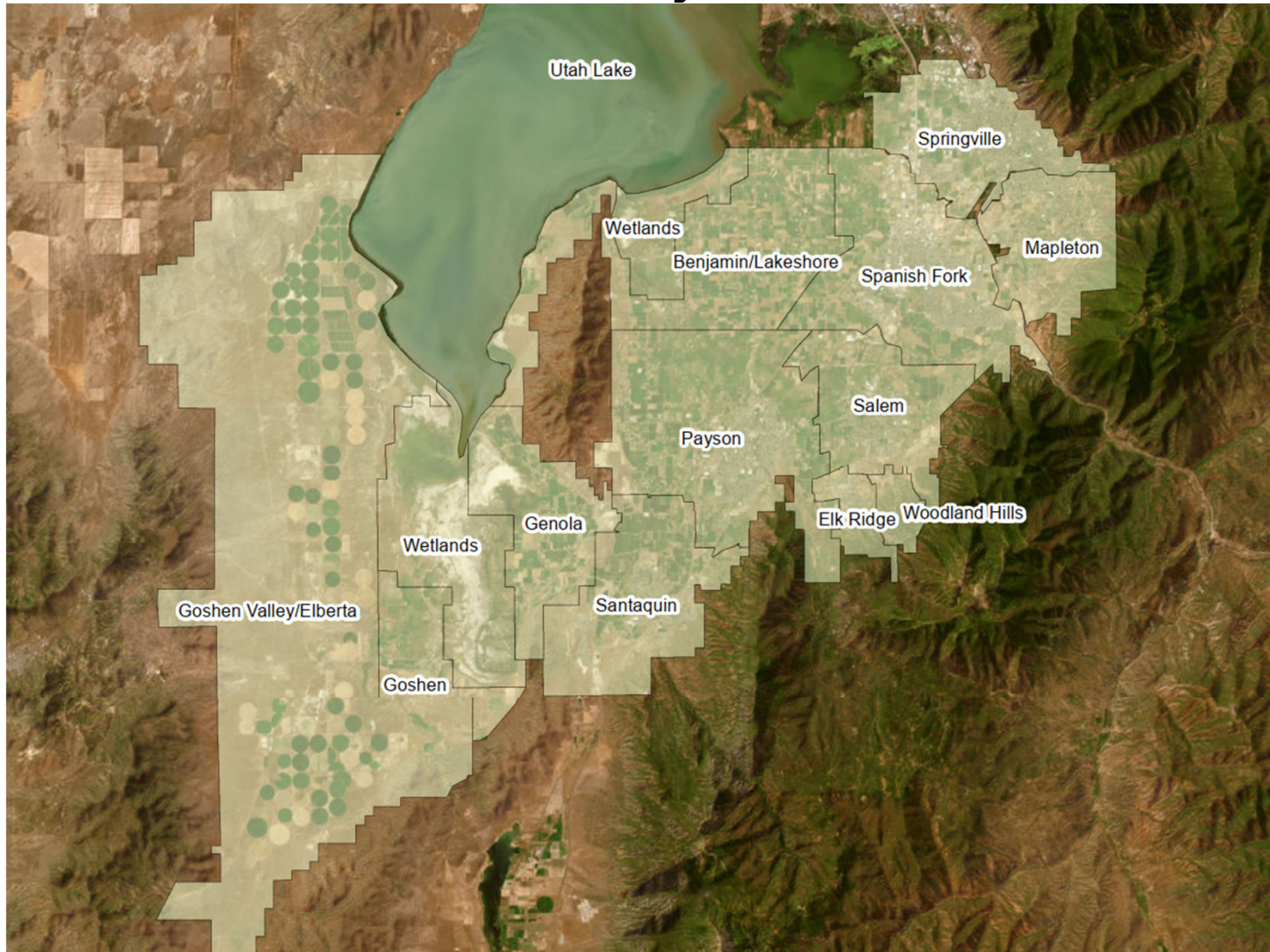
2024 Groundwater Model Results and 2025 Proposed Plans

Mt. Nebo Water Agency

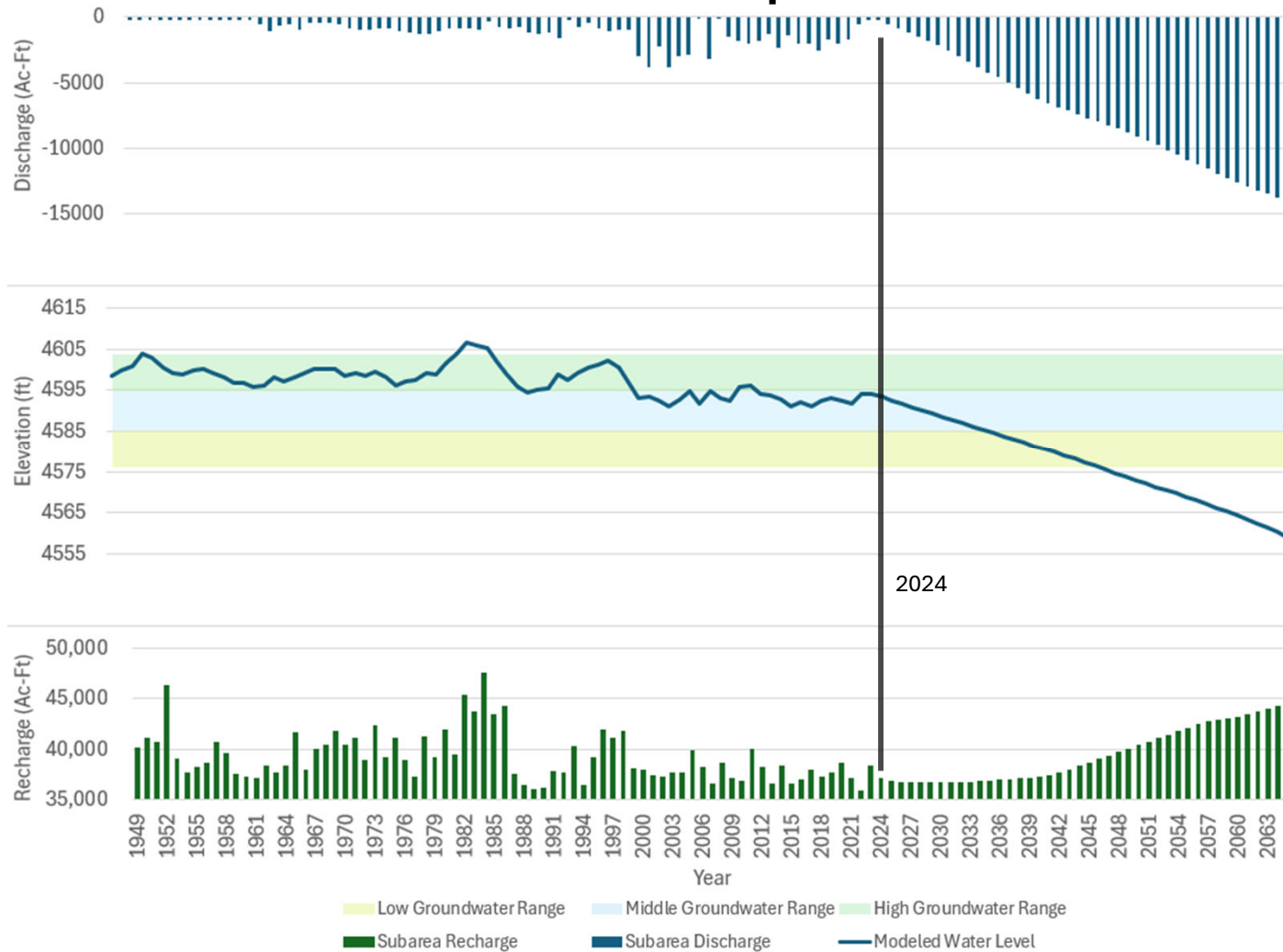
Board Meeting

May 12, 2025

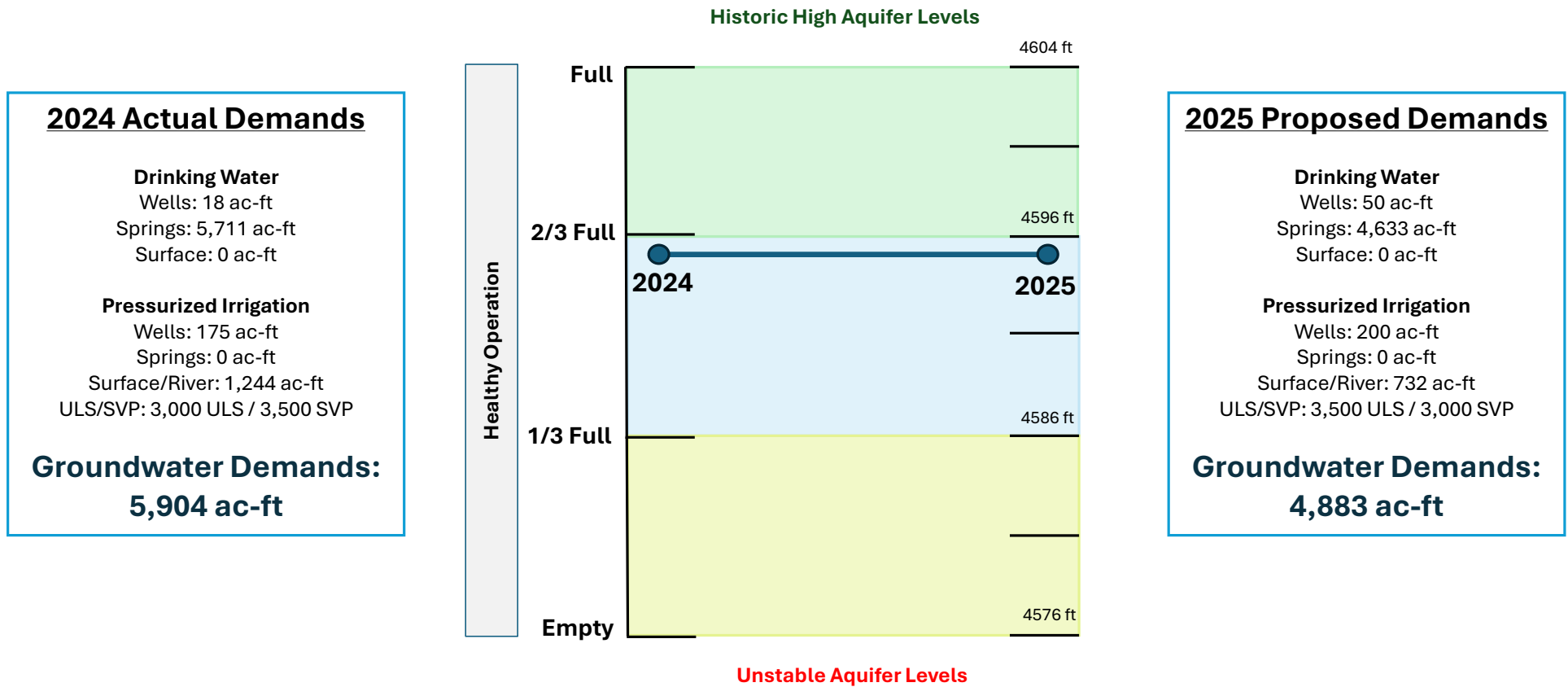
MNWA Project Area



Historical Data – Spanish Fork

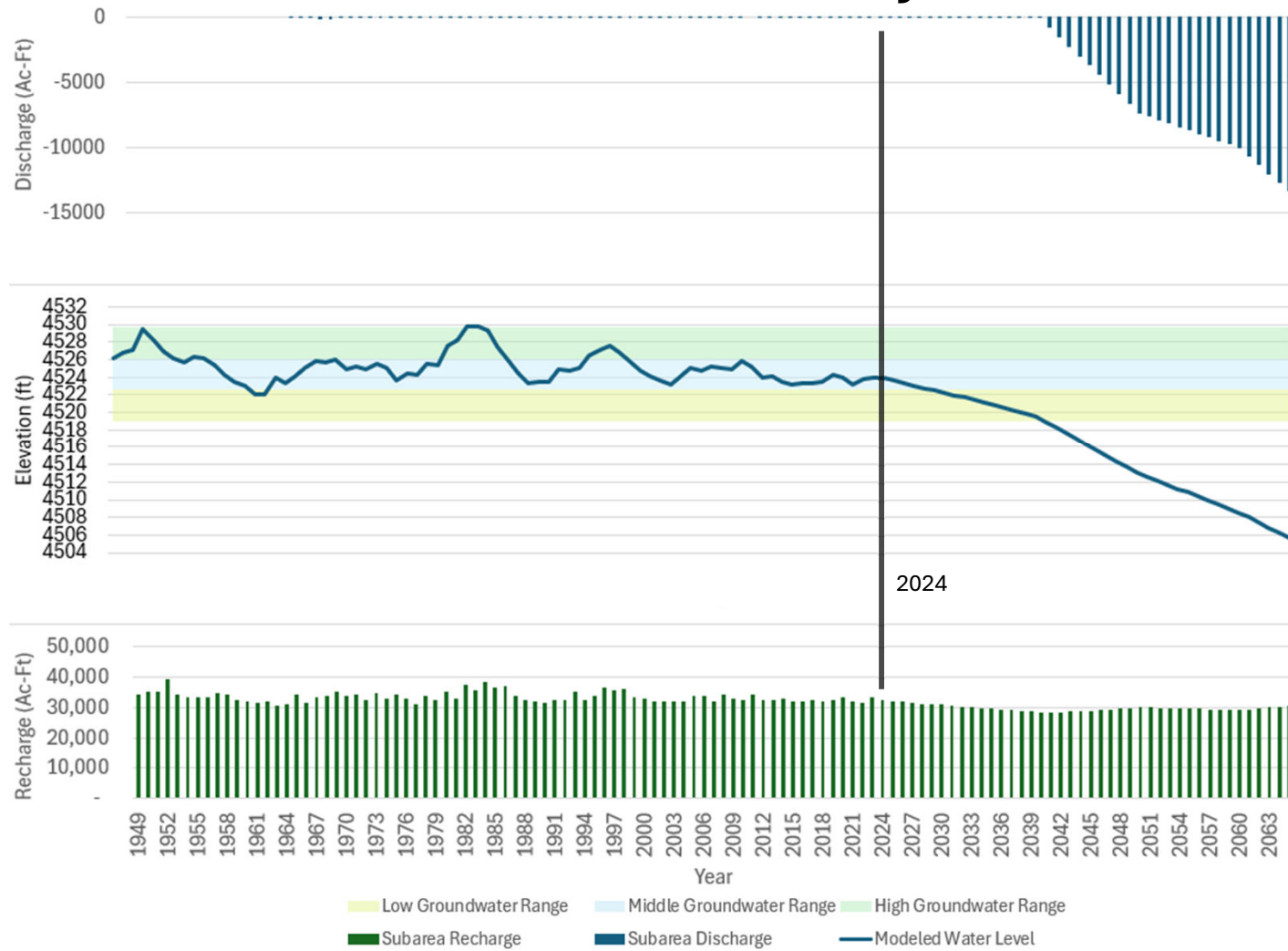


2025 Proposed Plan – Spanish Fork

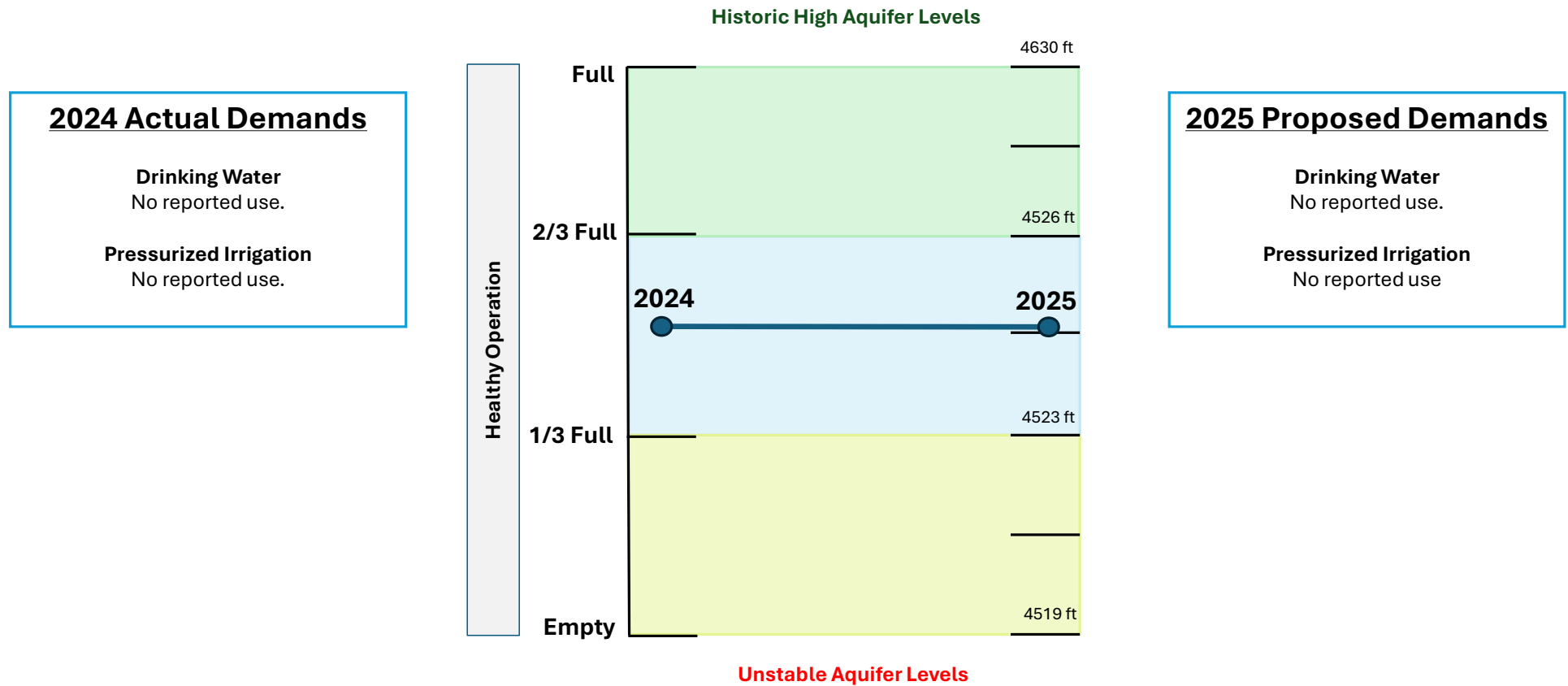


2025 Proposed Plan: Continue pumping groundwater similar to last year

Historical Data - Benjamin

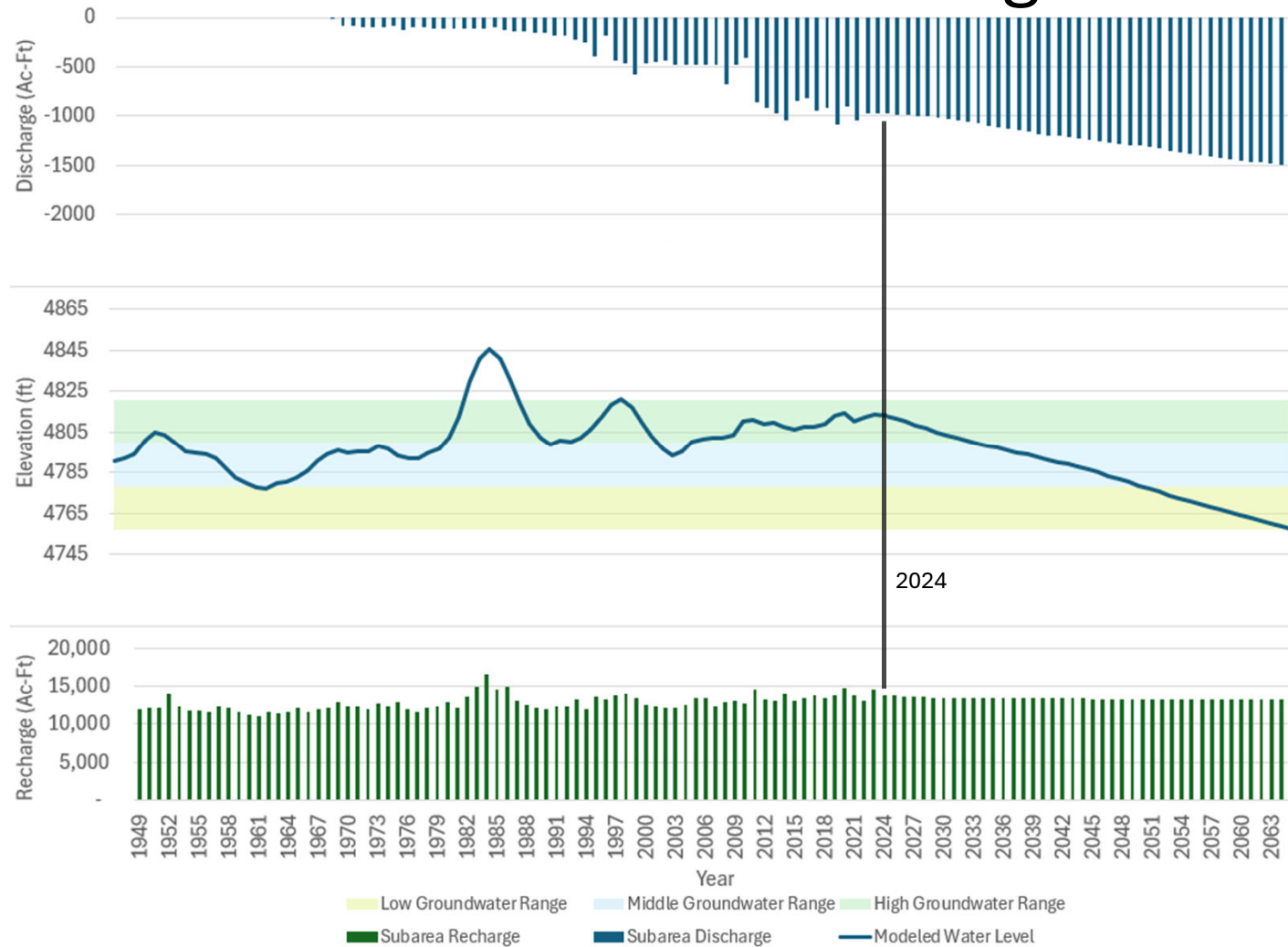


2025 Proposed Plan – Benjamin

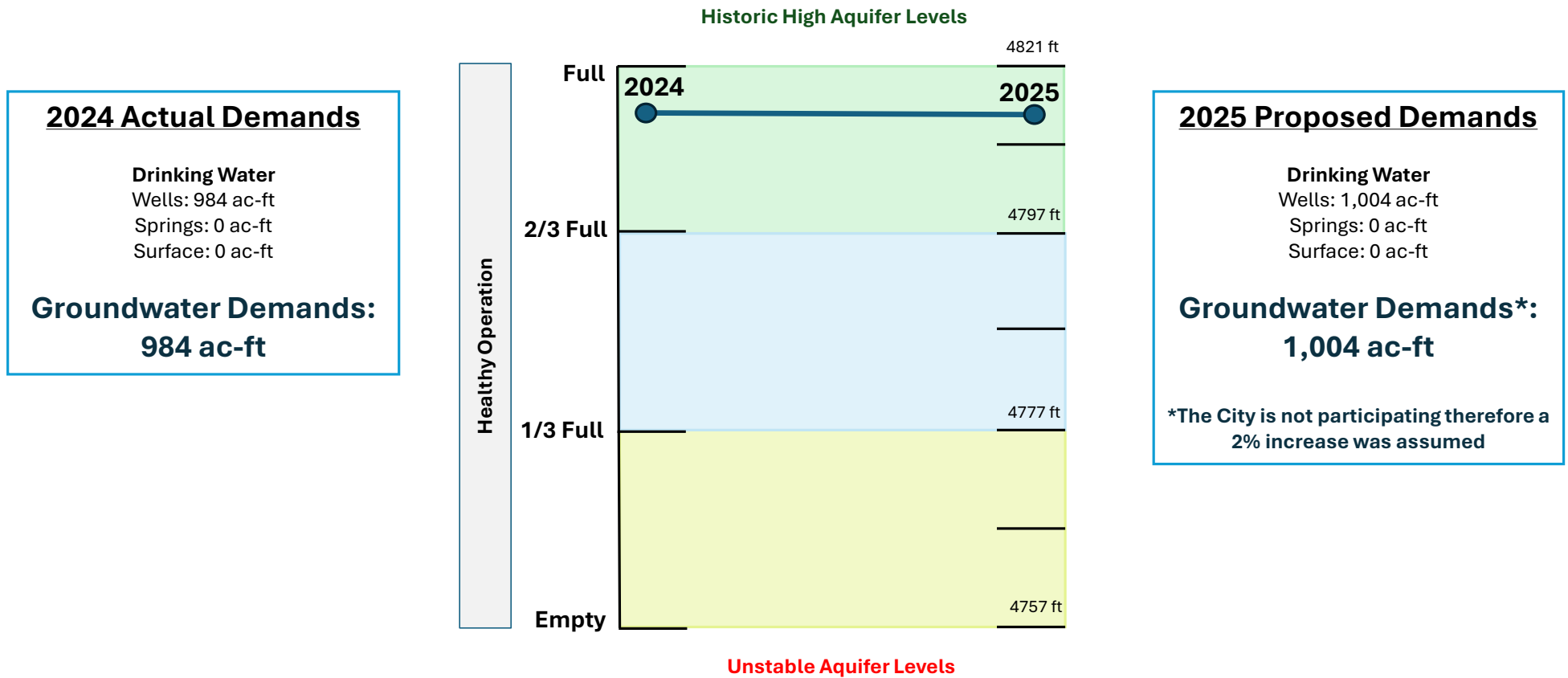


2025 Proposed Plan: Continue pumping groundwater similar to last year

Historical Data – Elk Ridge

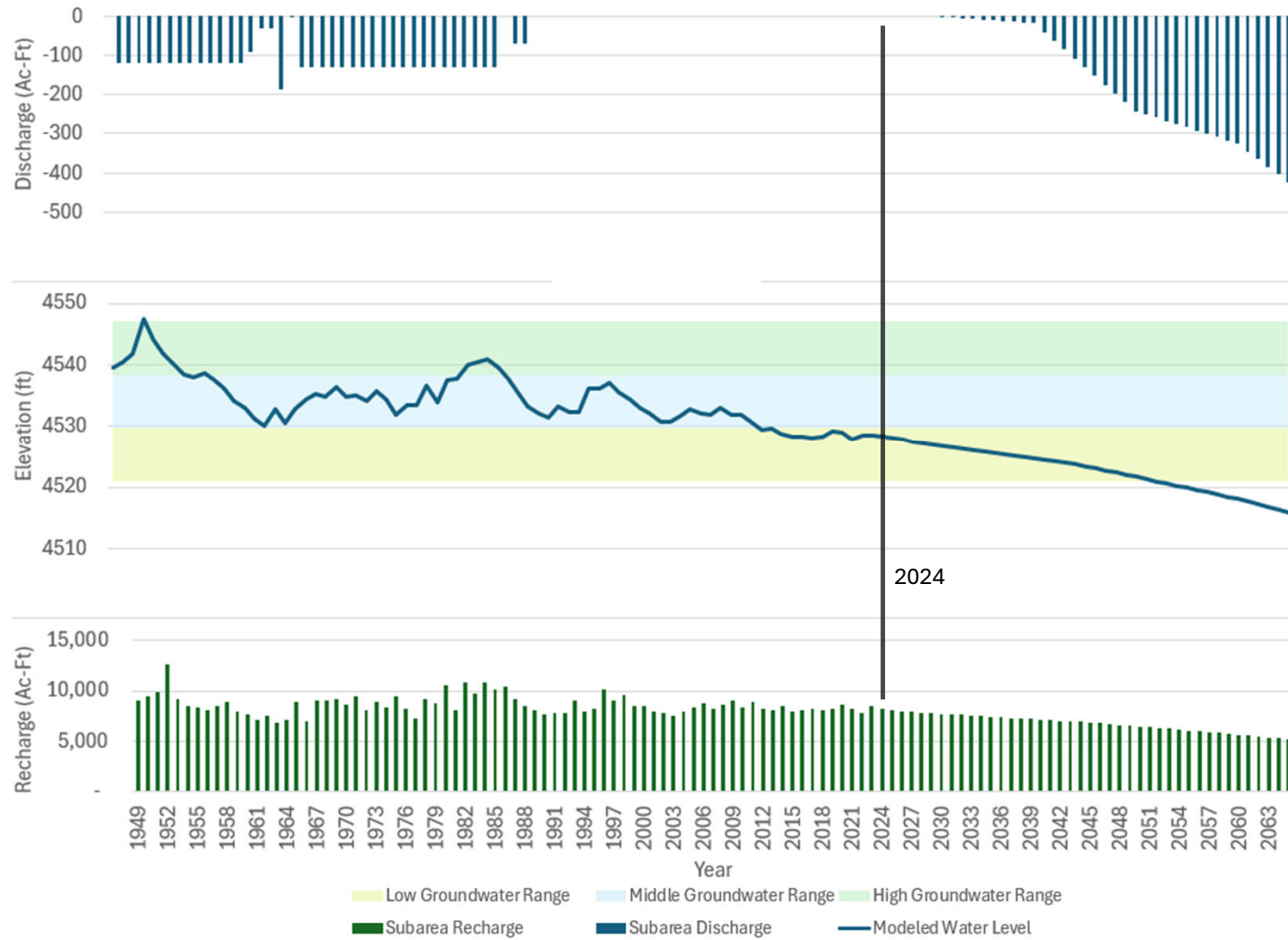


2025 Proposed Plan – Elk Ridge

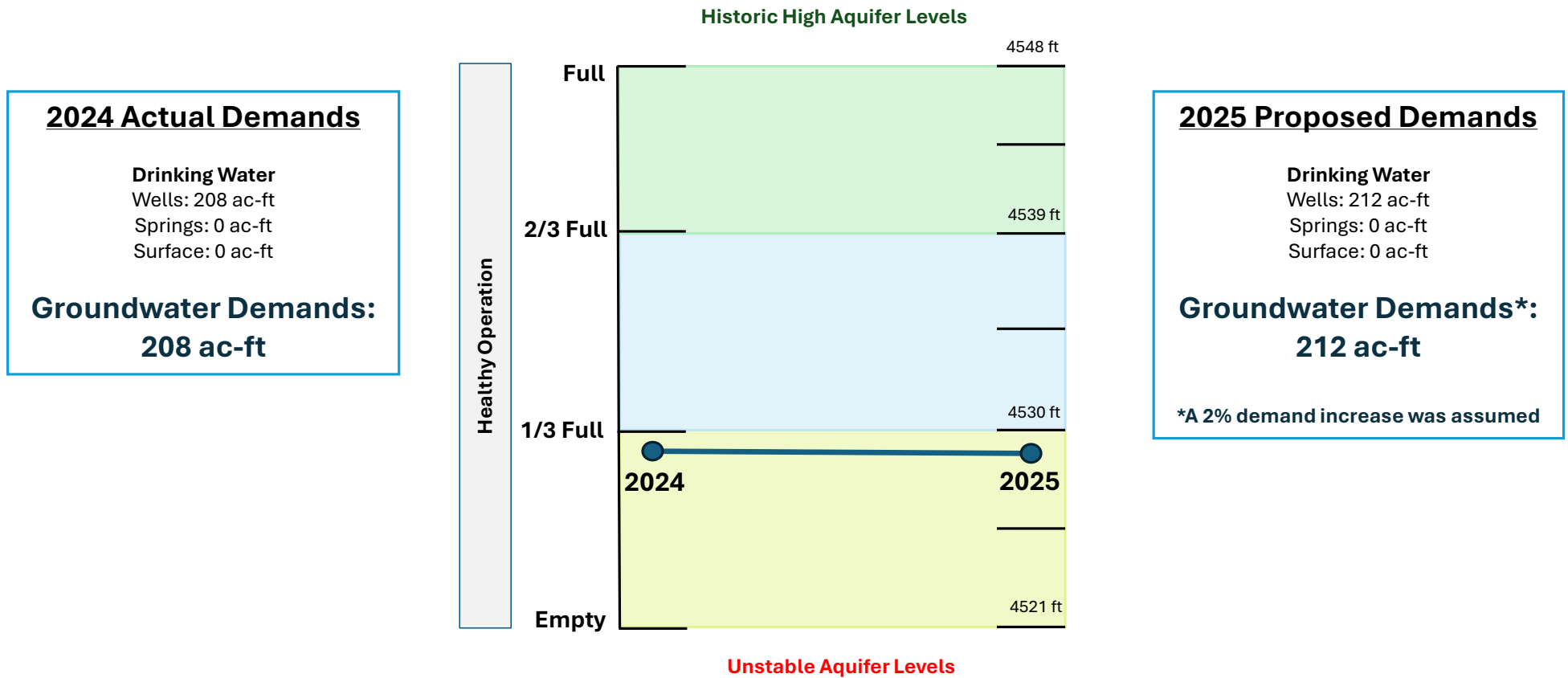


2025 Proposed Plan: Continue pumping groundwater similar to last year

Historical Data – Town of Genola

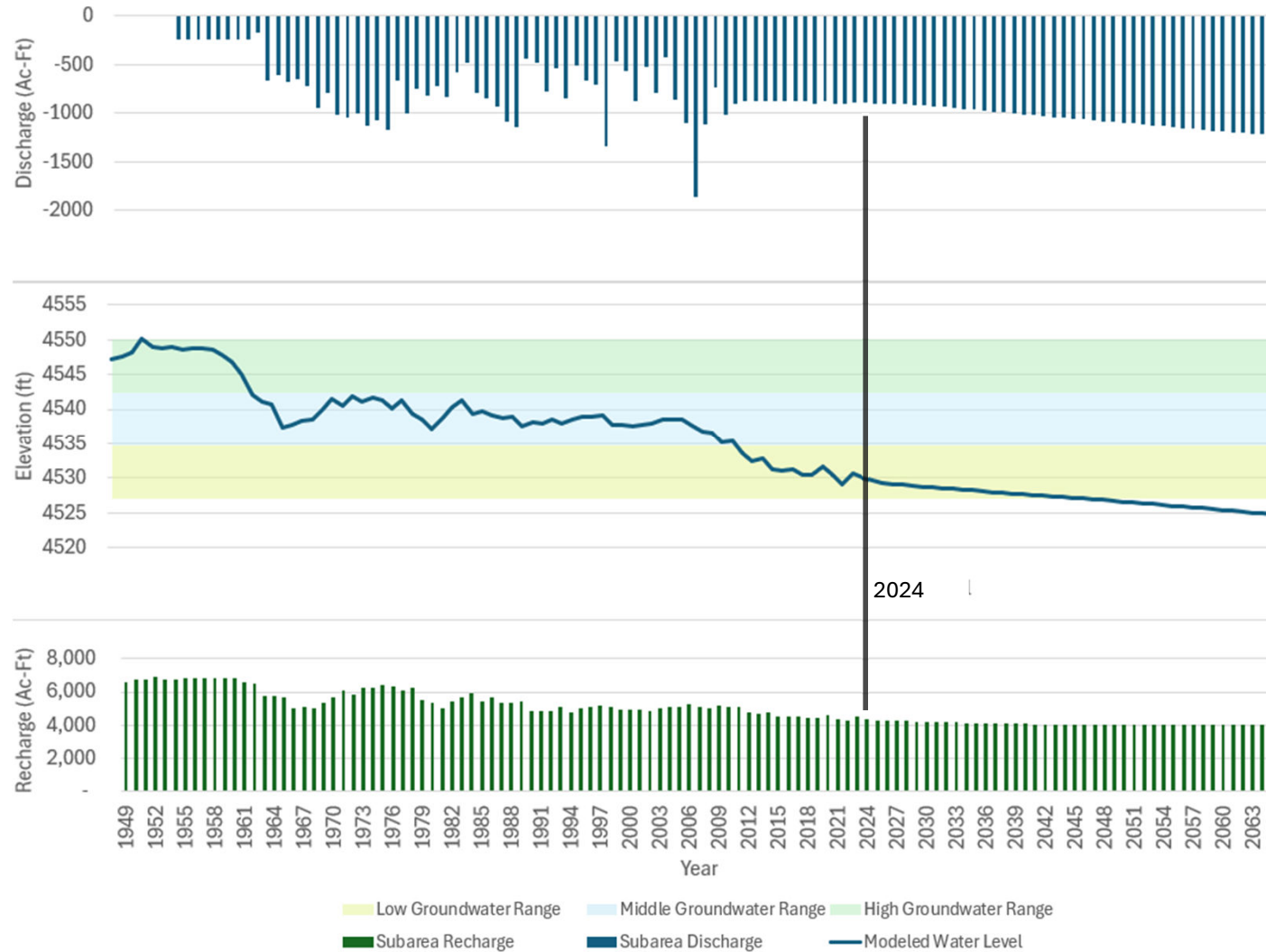


2025 Proposed Plan – Town of Genola

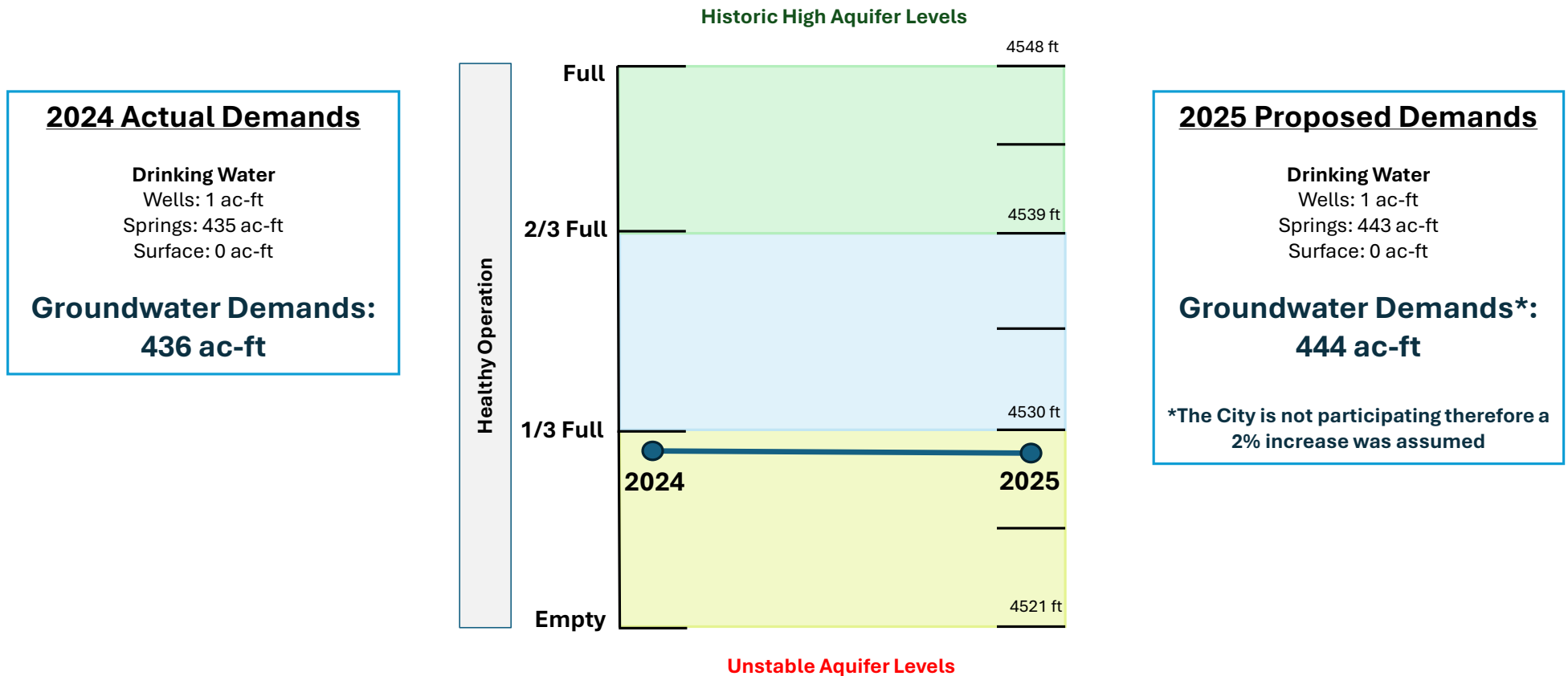


2025 Proposed Plan: Continue pumping groundwater similar to last year

Historical Data – Town of Goshen

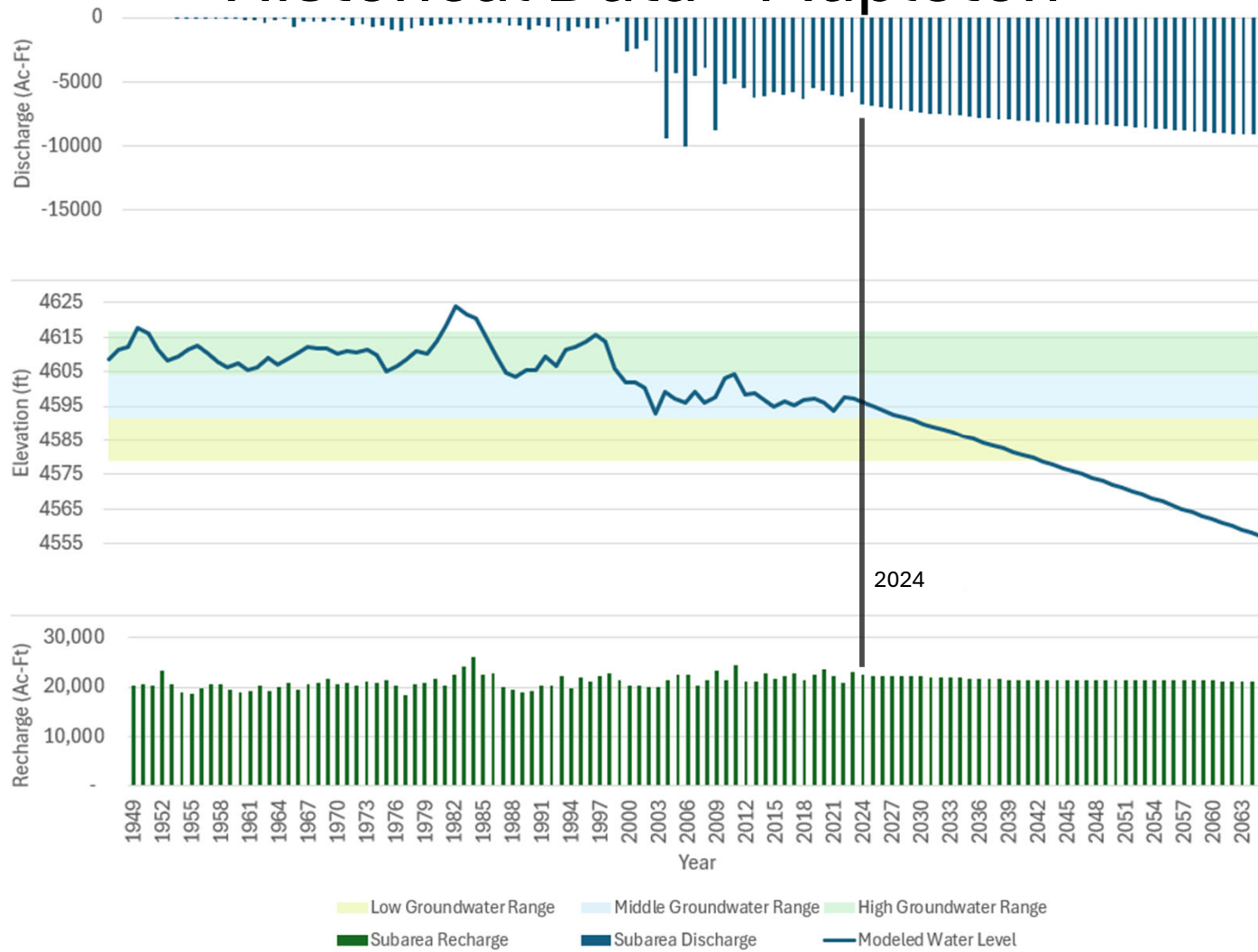


2025 Proposed Plan – Town of Goshen

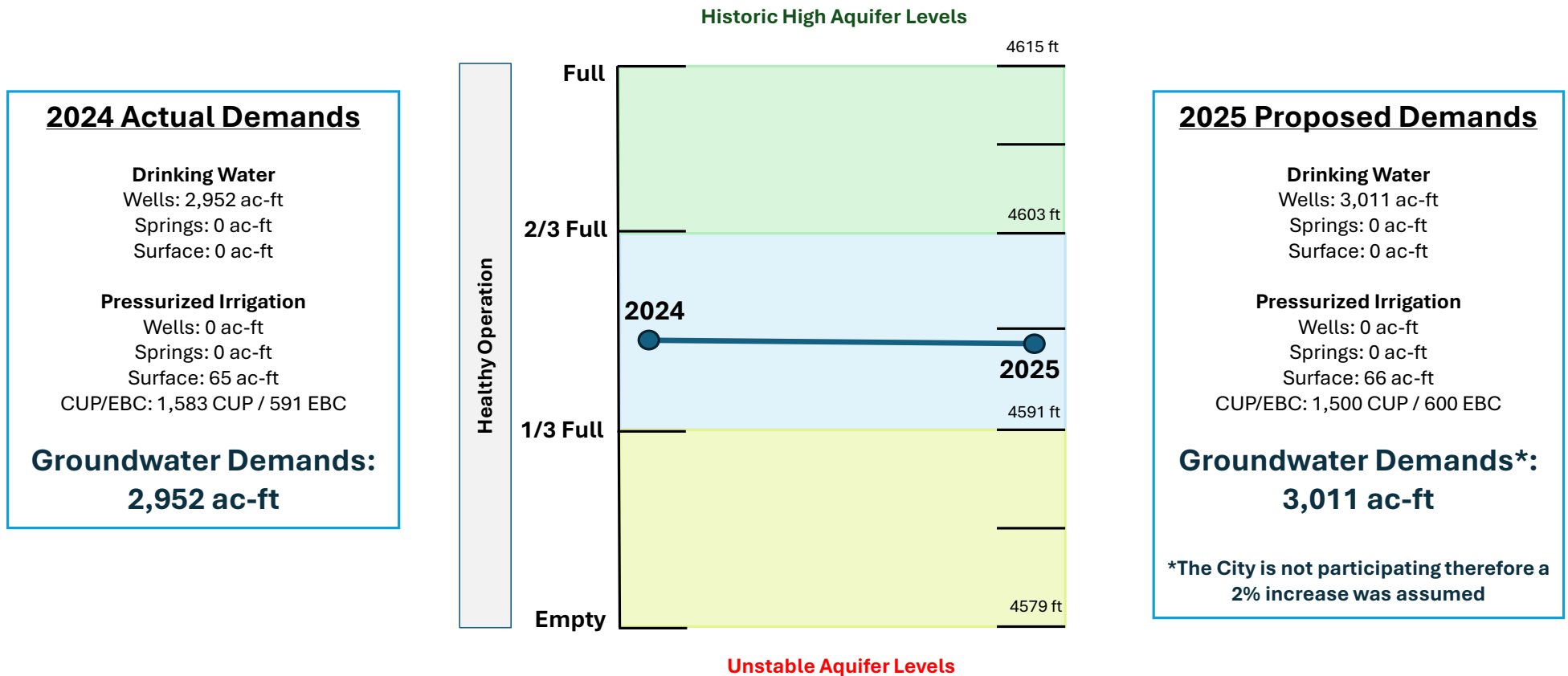


2025 Proposed Plan: Continue pumping groundwater similar to last year

Historical Data - Mapleton

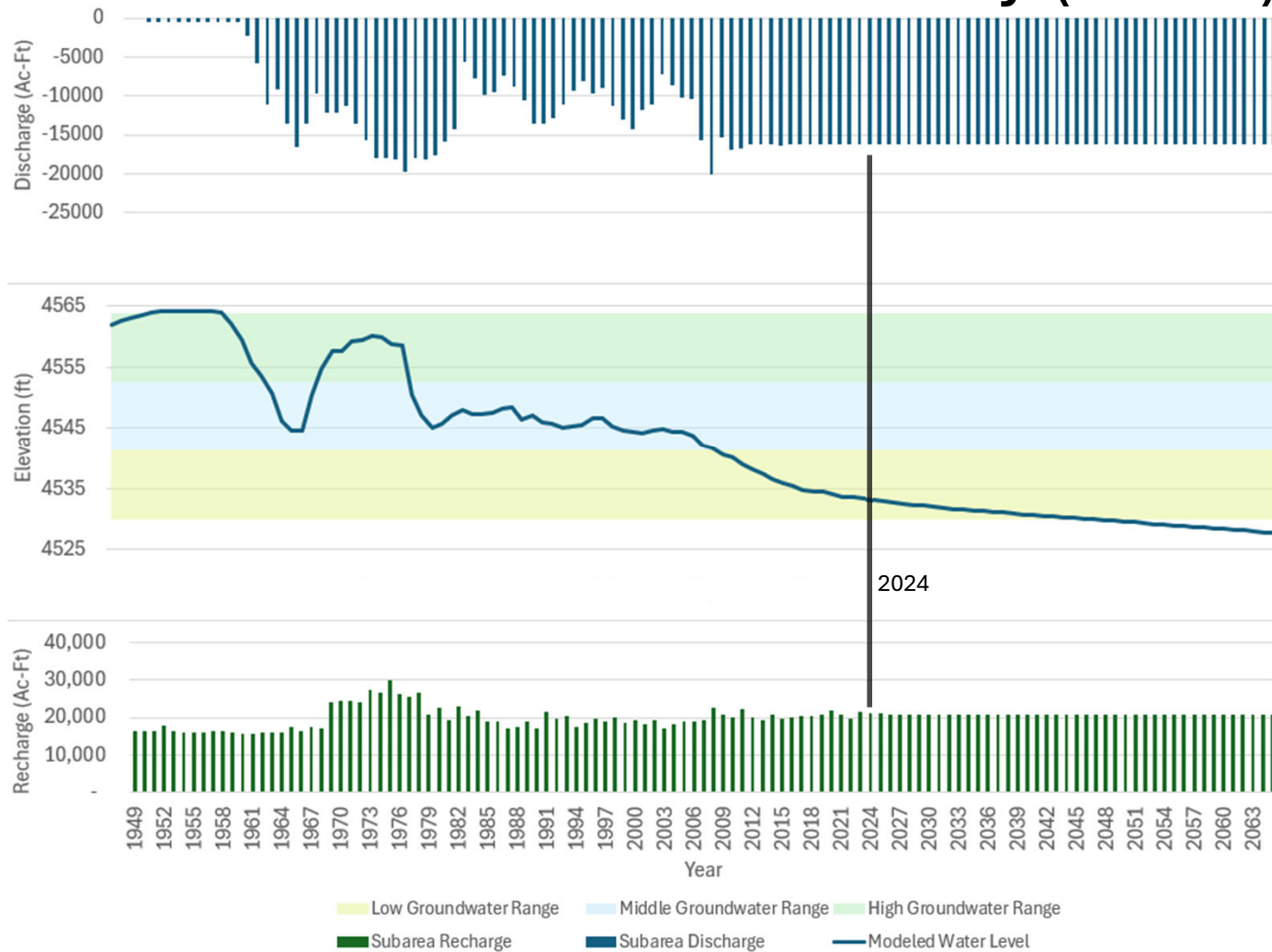


2025 Proposed Plan – Mapleton

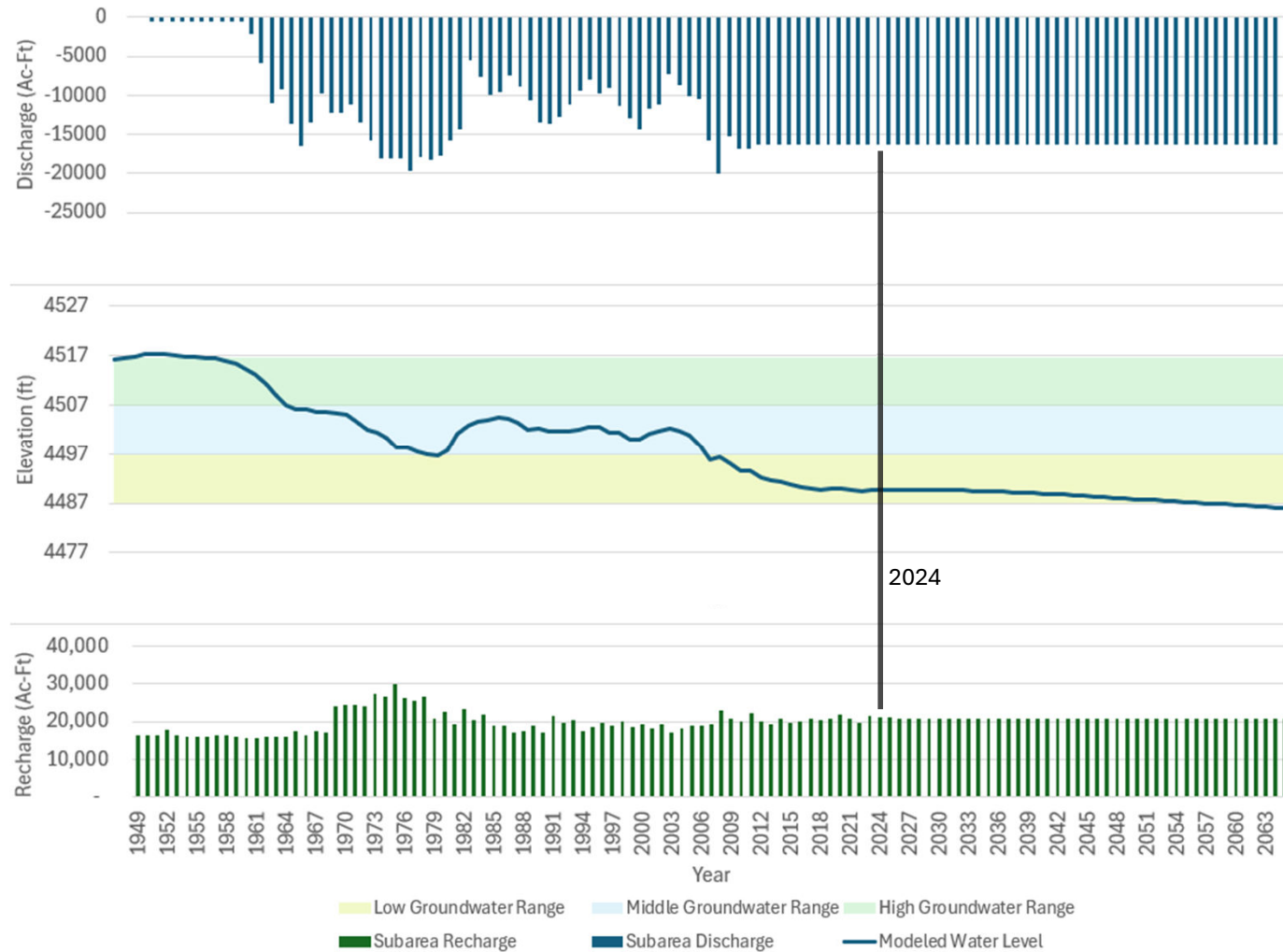


2025 Proposed Plan: Continue pumping groundwater similar to last year

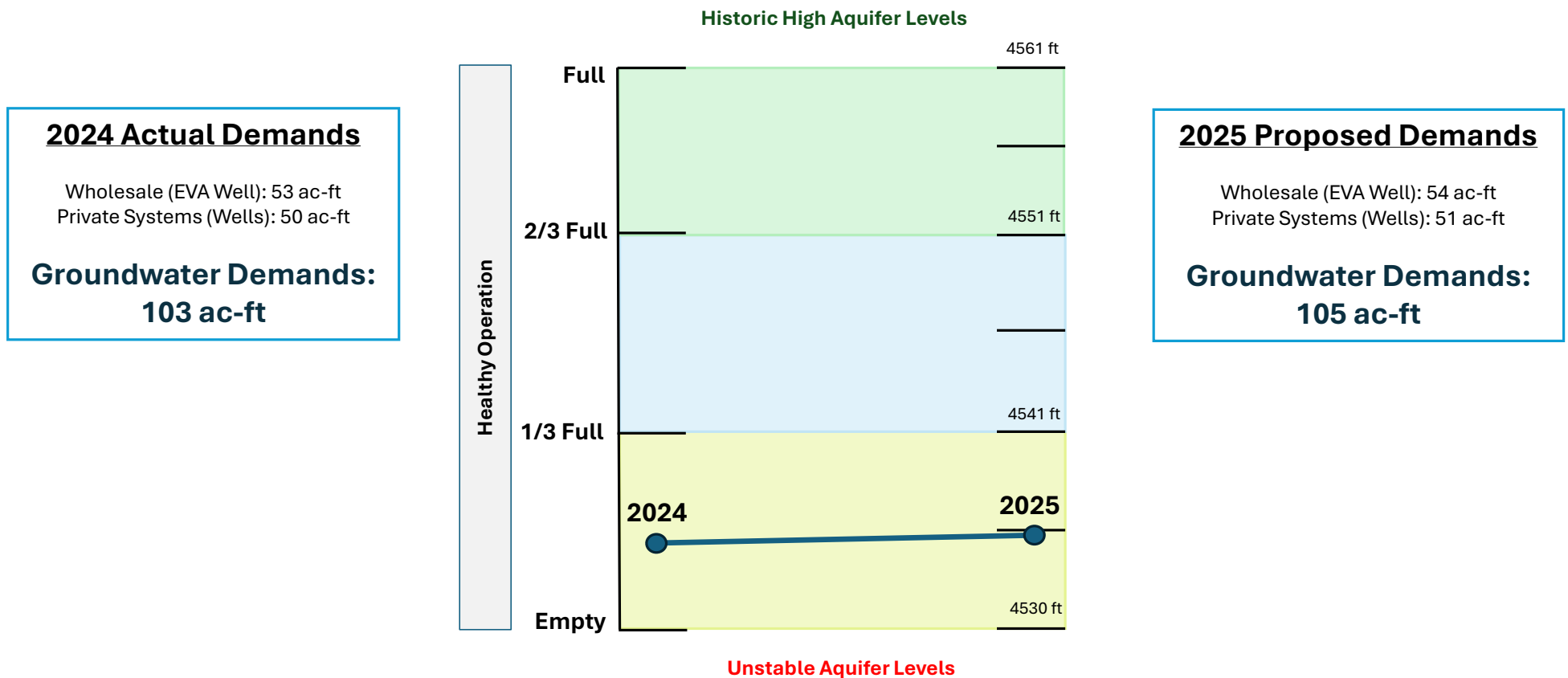
Historical Data – Goshen Valley (North)



Historical Data – Goshen Valley (South)

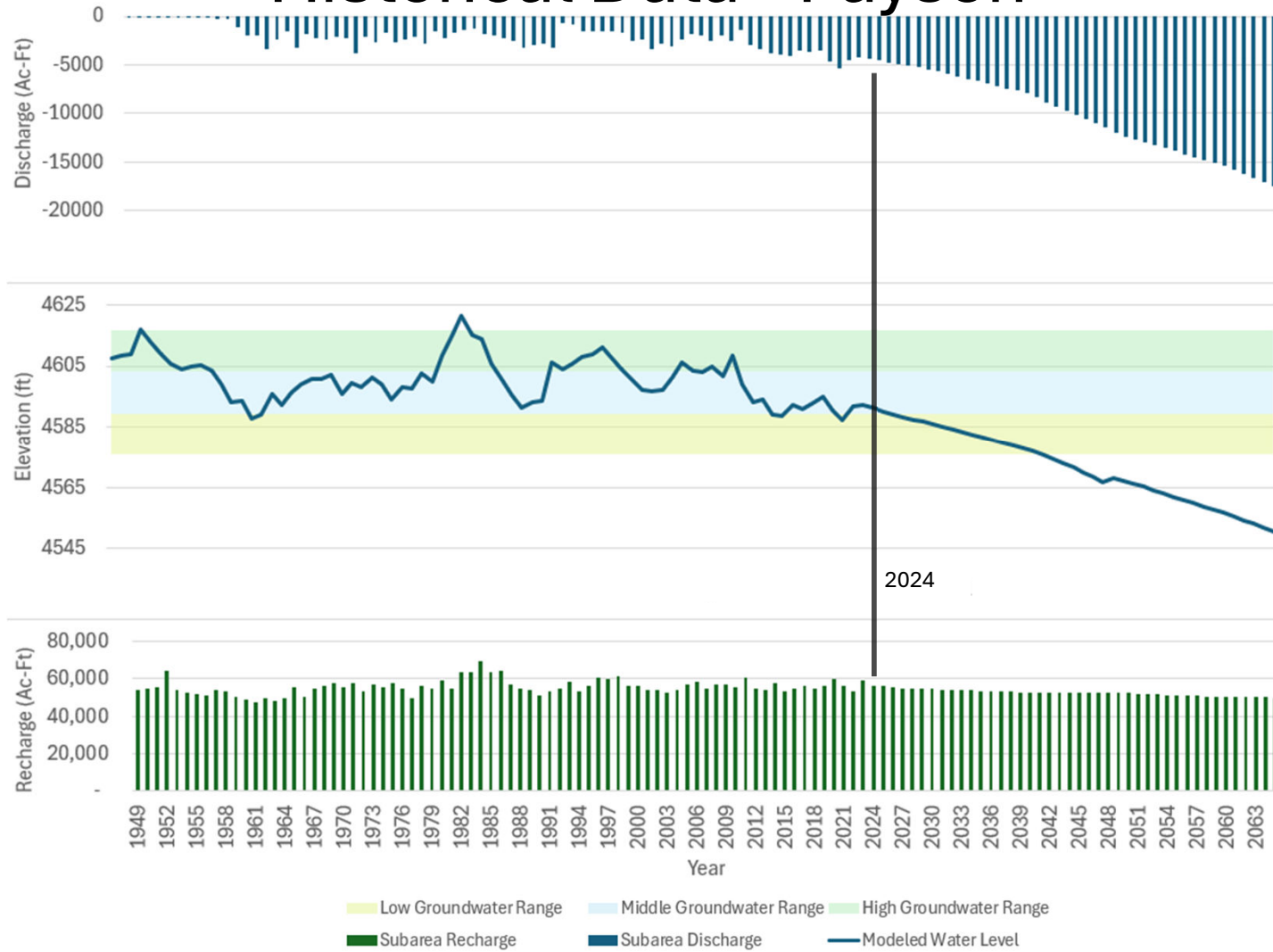


2025 Proposed Plan – Goshen Valley (North and South)

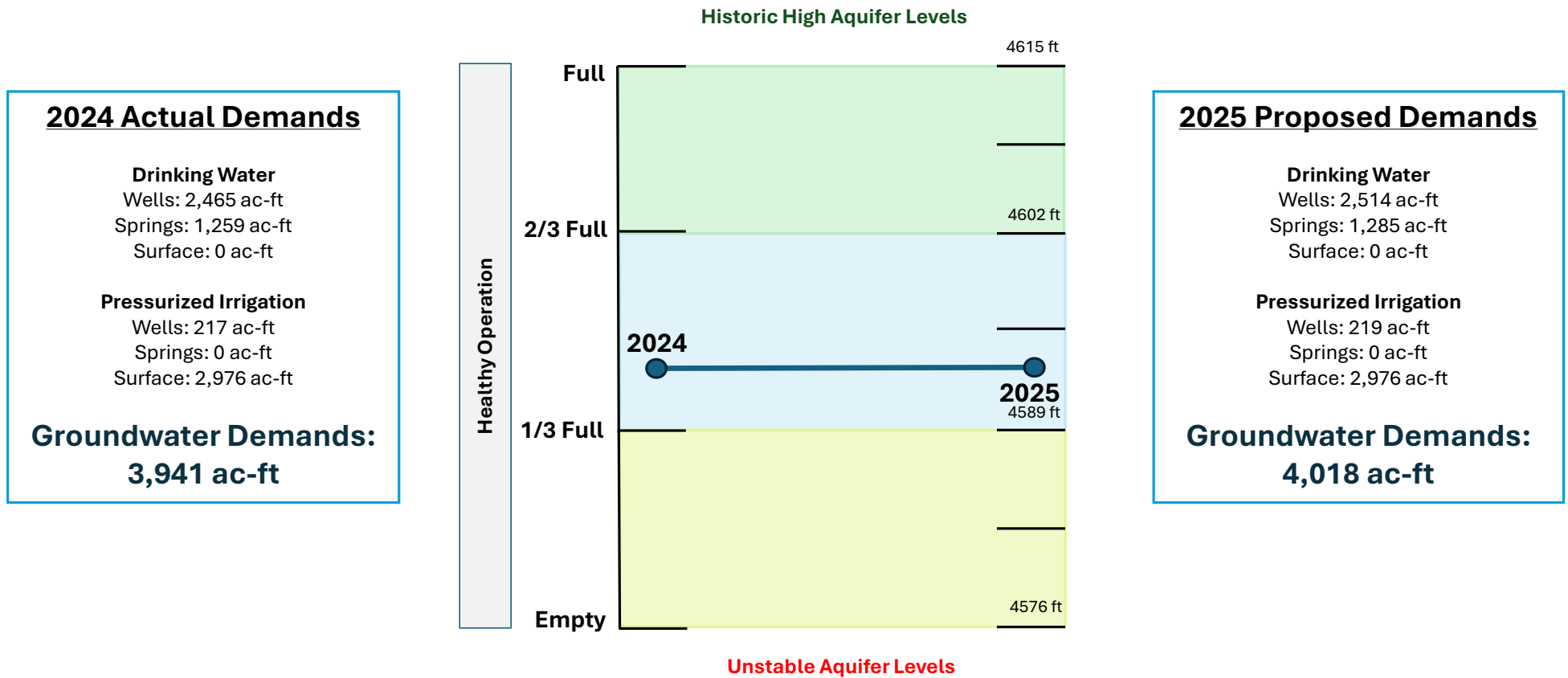


2025 Proposed Plan: Groundwater pumping will be decreased
by modifying agriculture practices

Historical Data - Payson

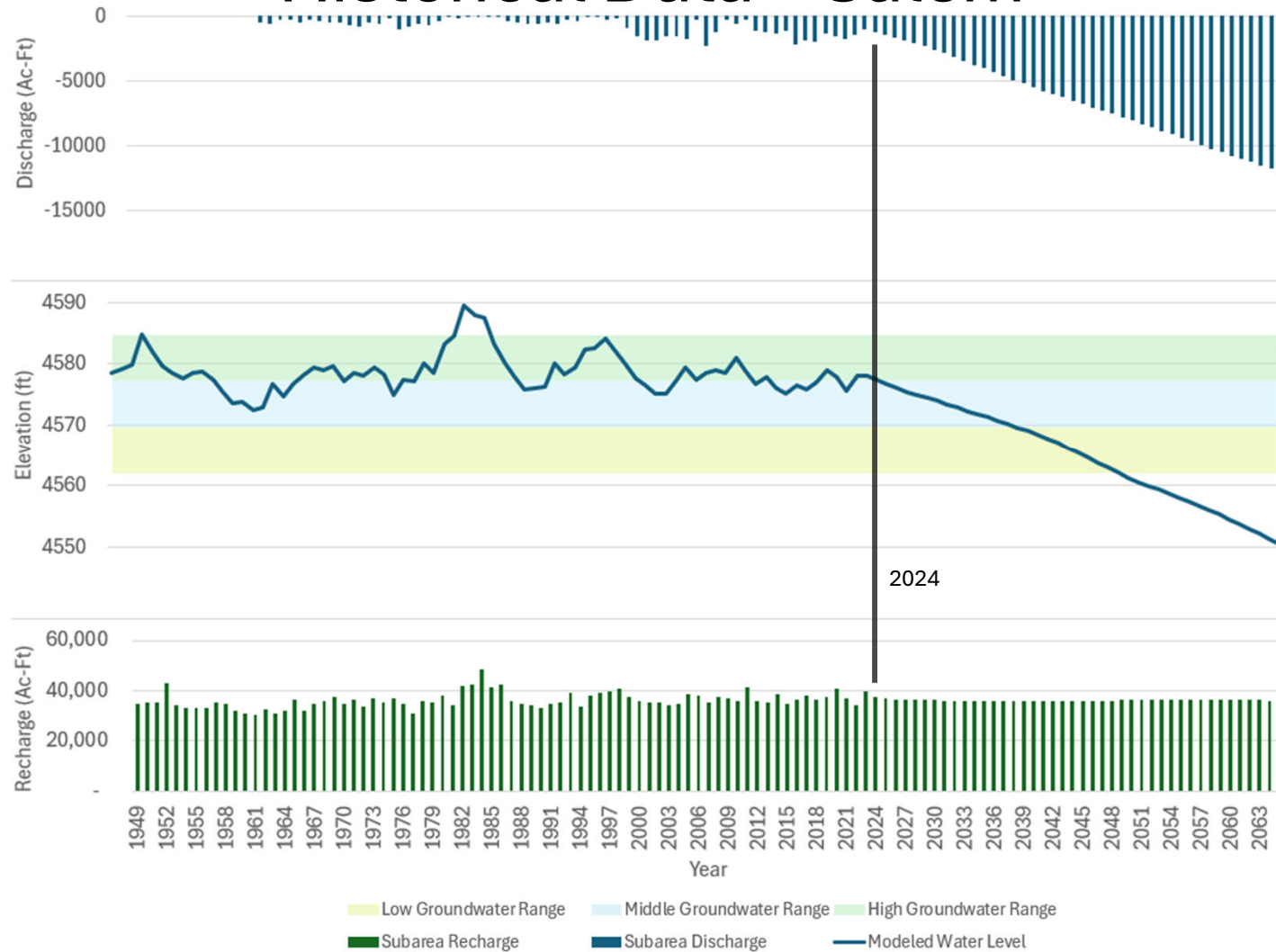


2025 Proposed Plan – Payson

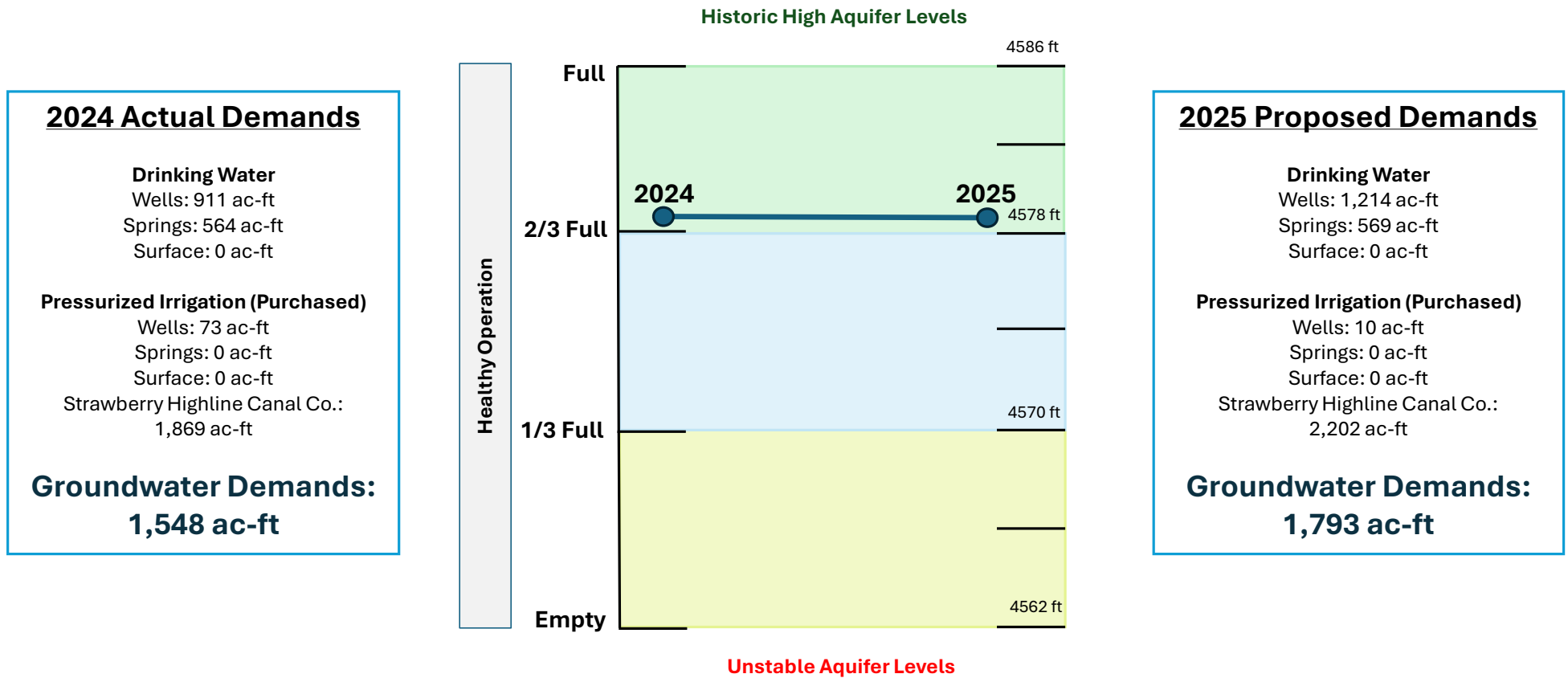


2025 Proposed Plan: Continue pumping groundwater similar to last year

Historical Data – Salem

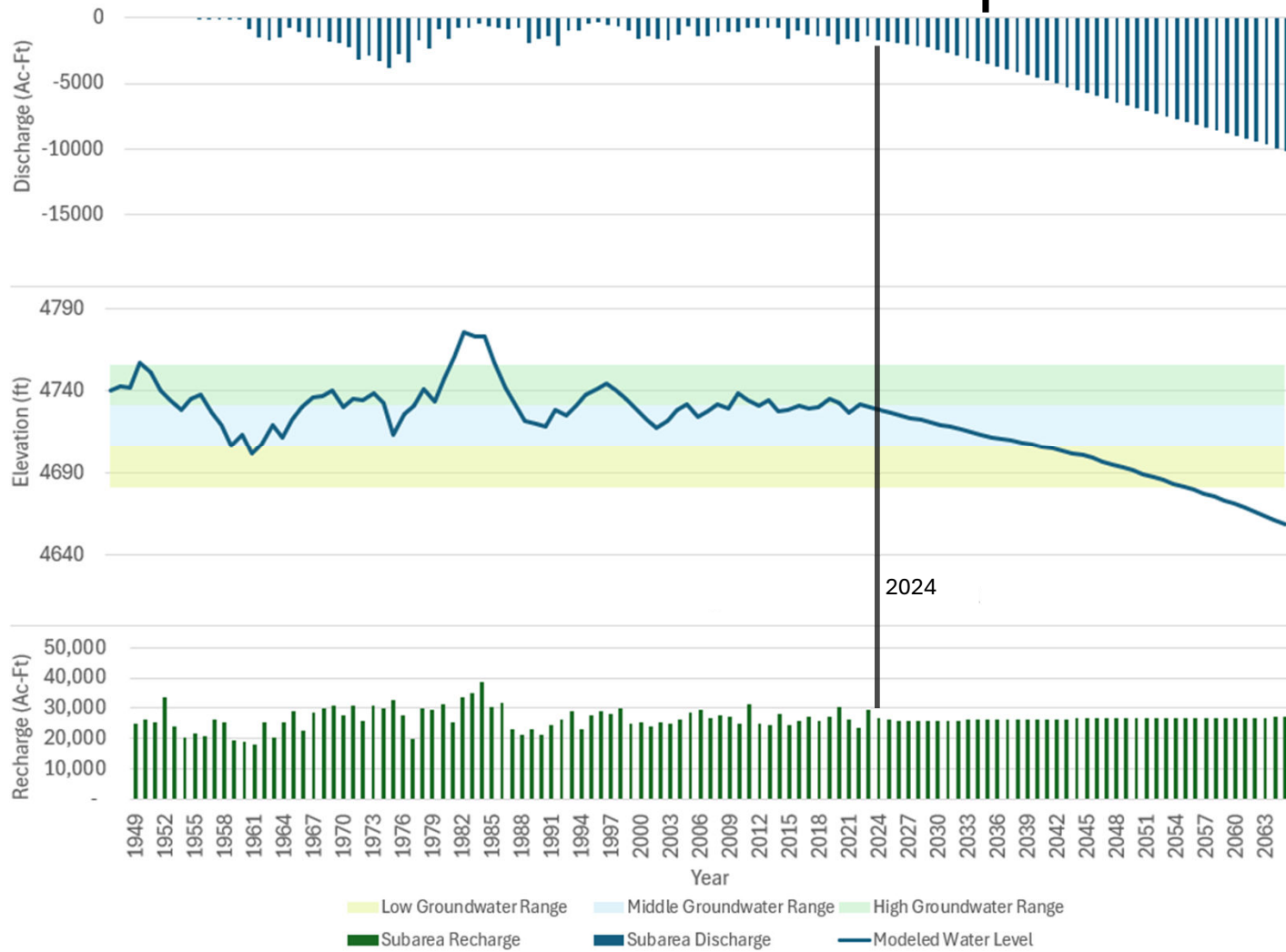


2025 Proposed Plan – Salem

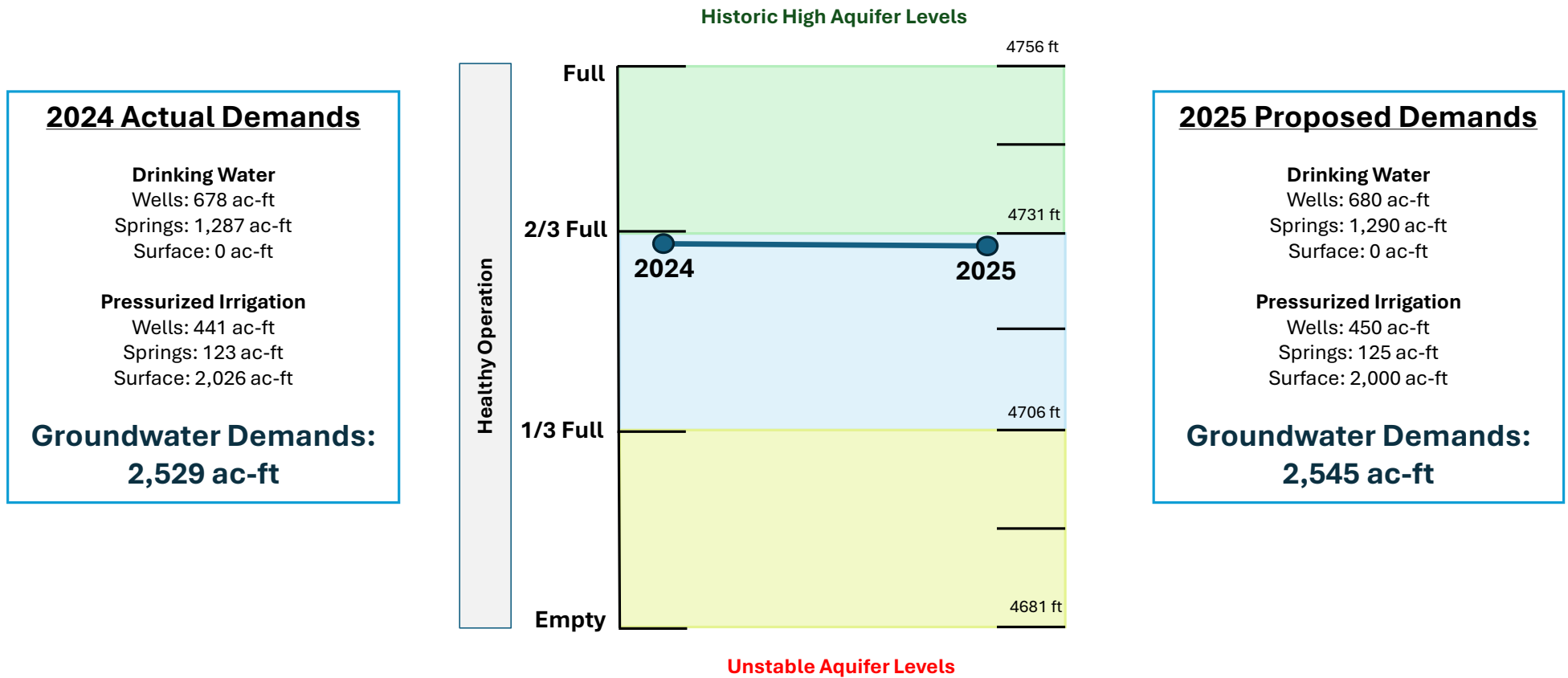


2025 Proposed Plan: Continue pumping groundwater similar to last year

Historical Data – Santaquin

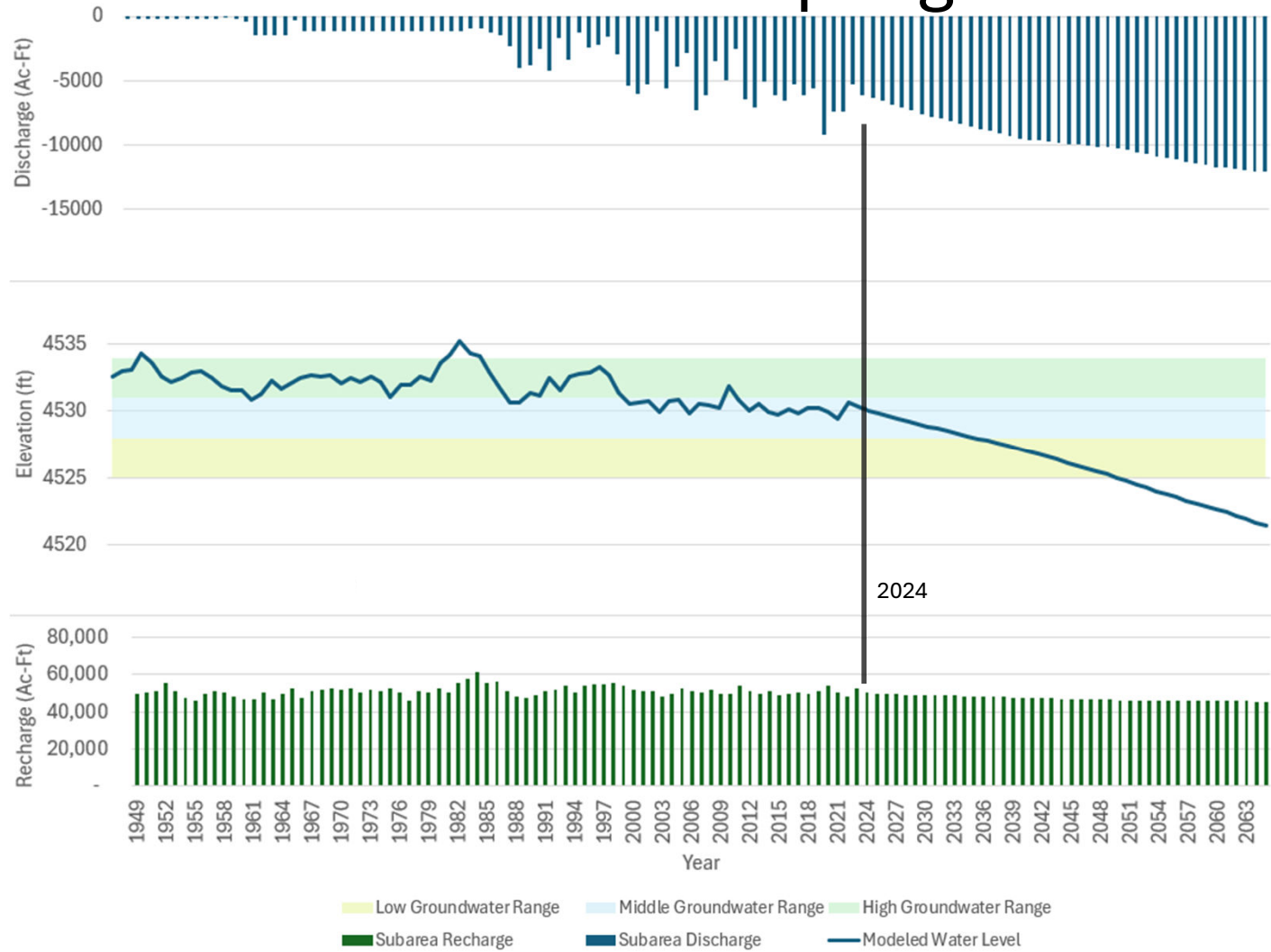


2025 Proposed Plan – Santaquin

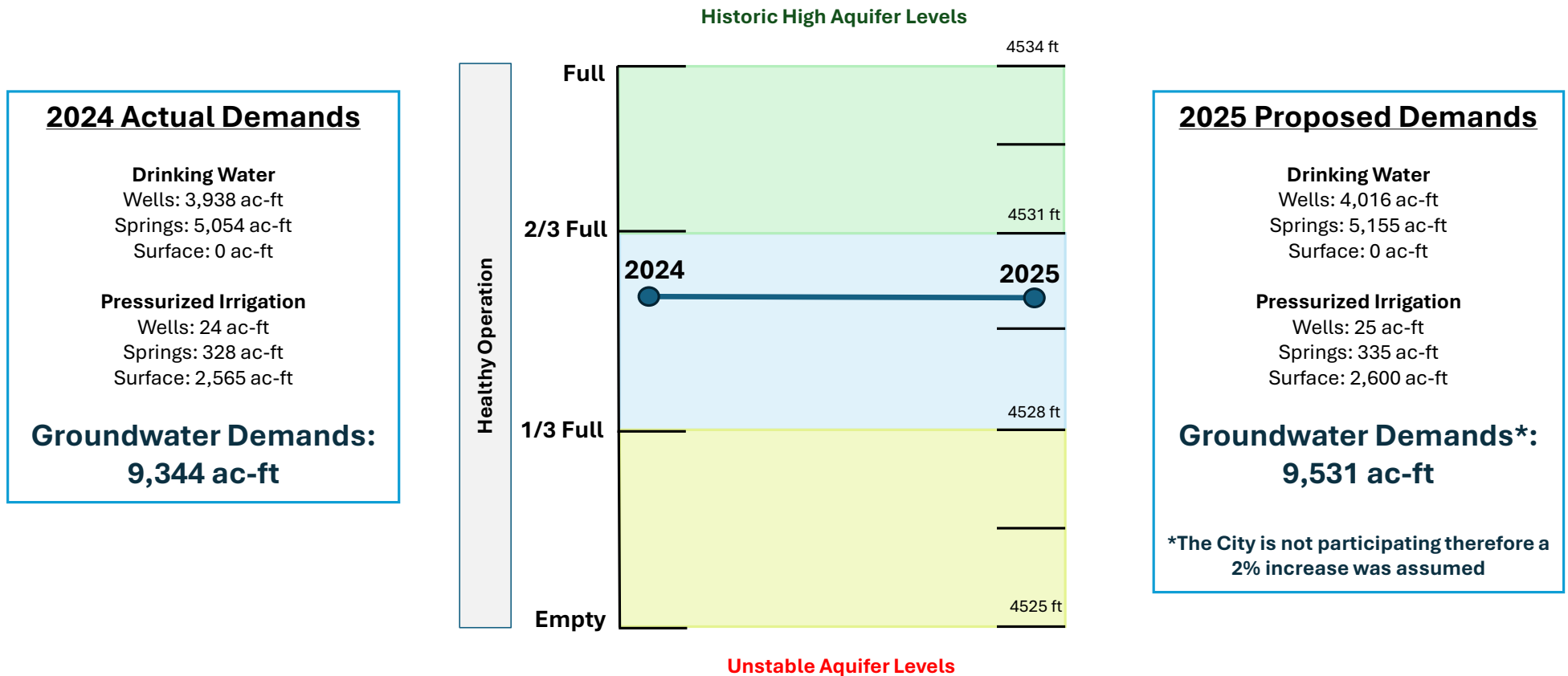


2025 Proposed Plan: Continue pumping groundwater similar to last year

Historical Data – Springville

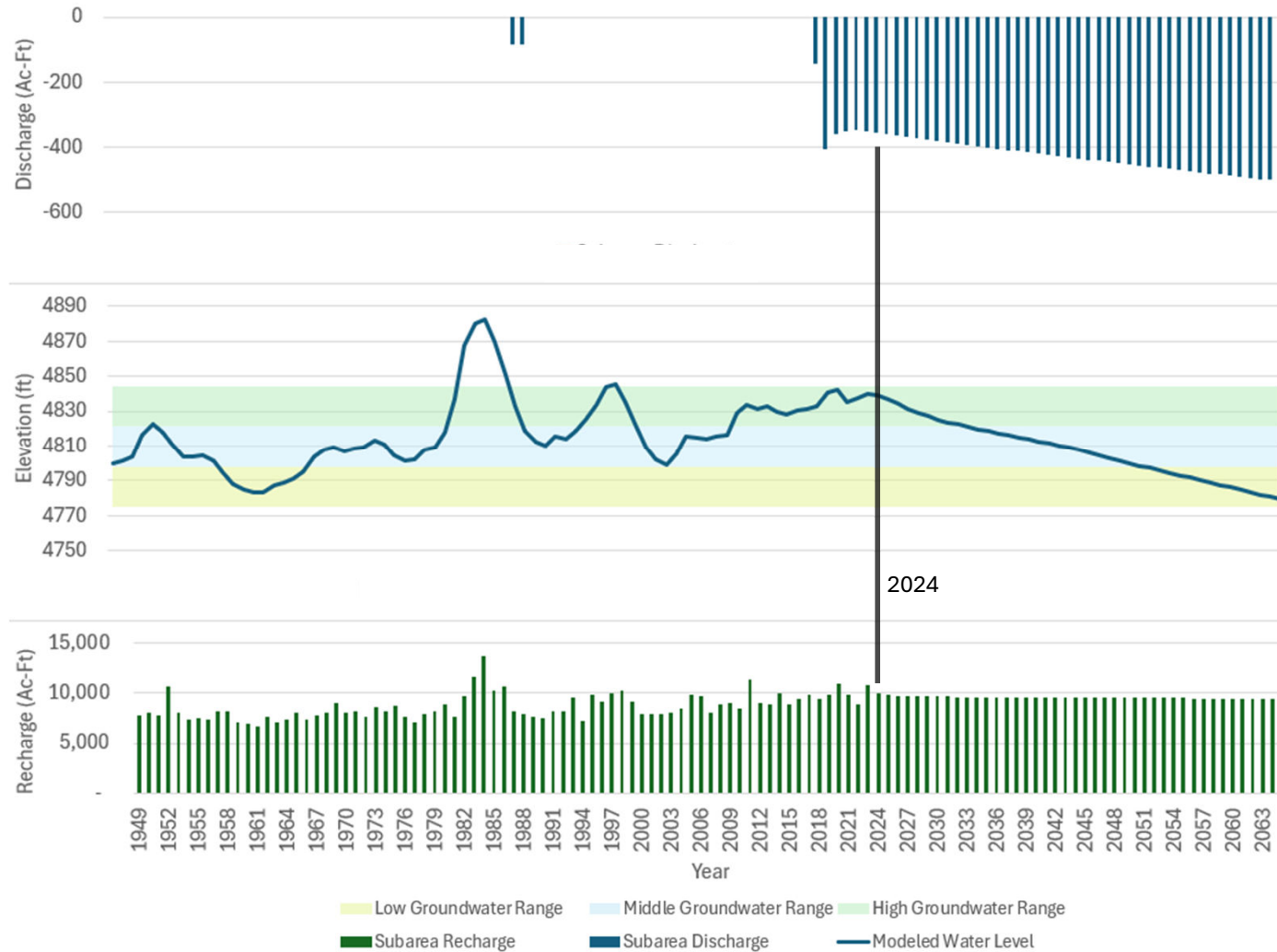


2025 Proposed Plan – Springville

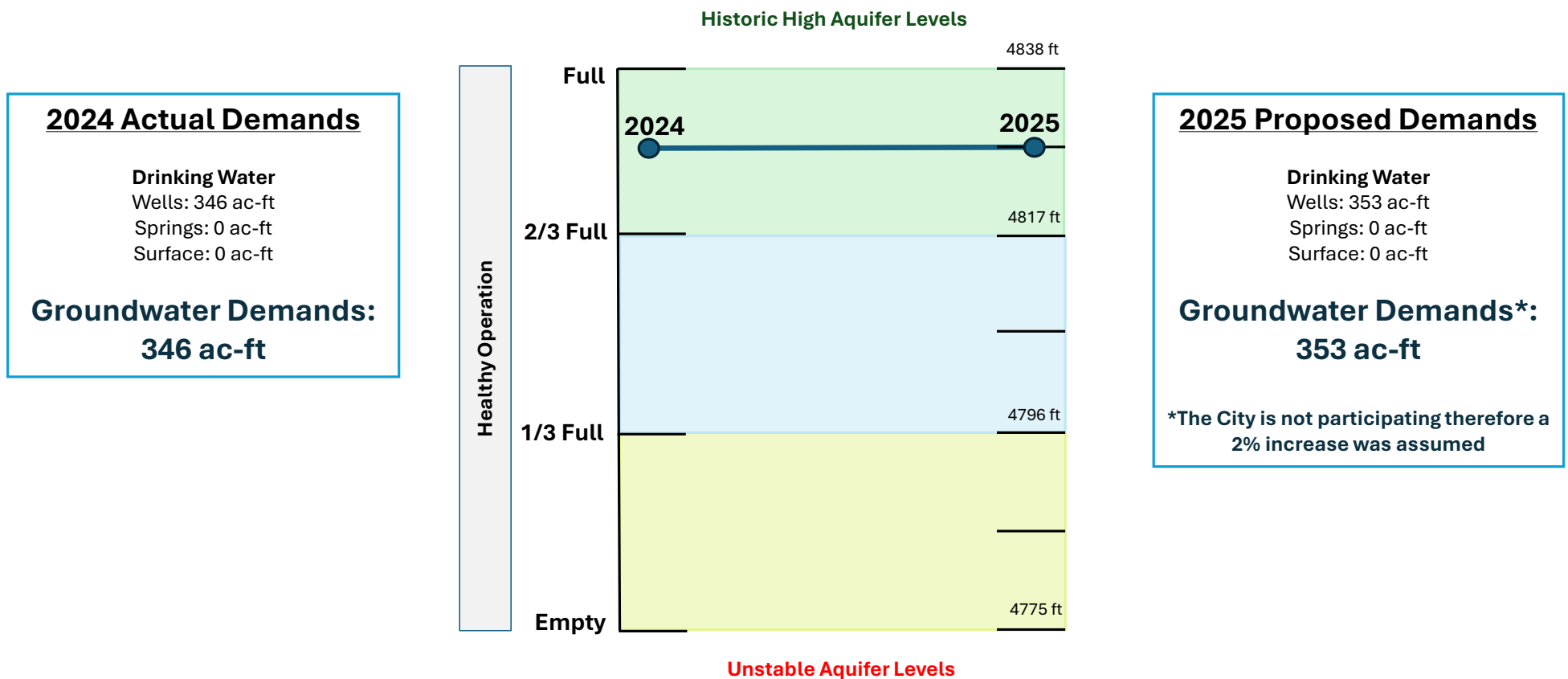


2025 Proposed Plan: Continue pumping groundwater similar to last year

Historical Data – Woodland Hills

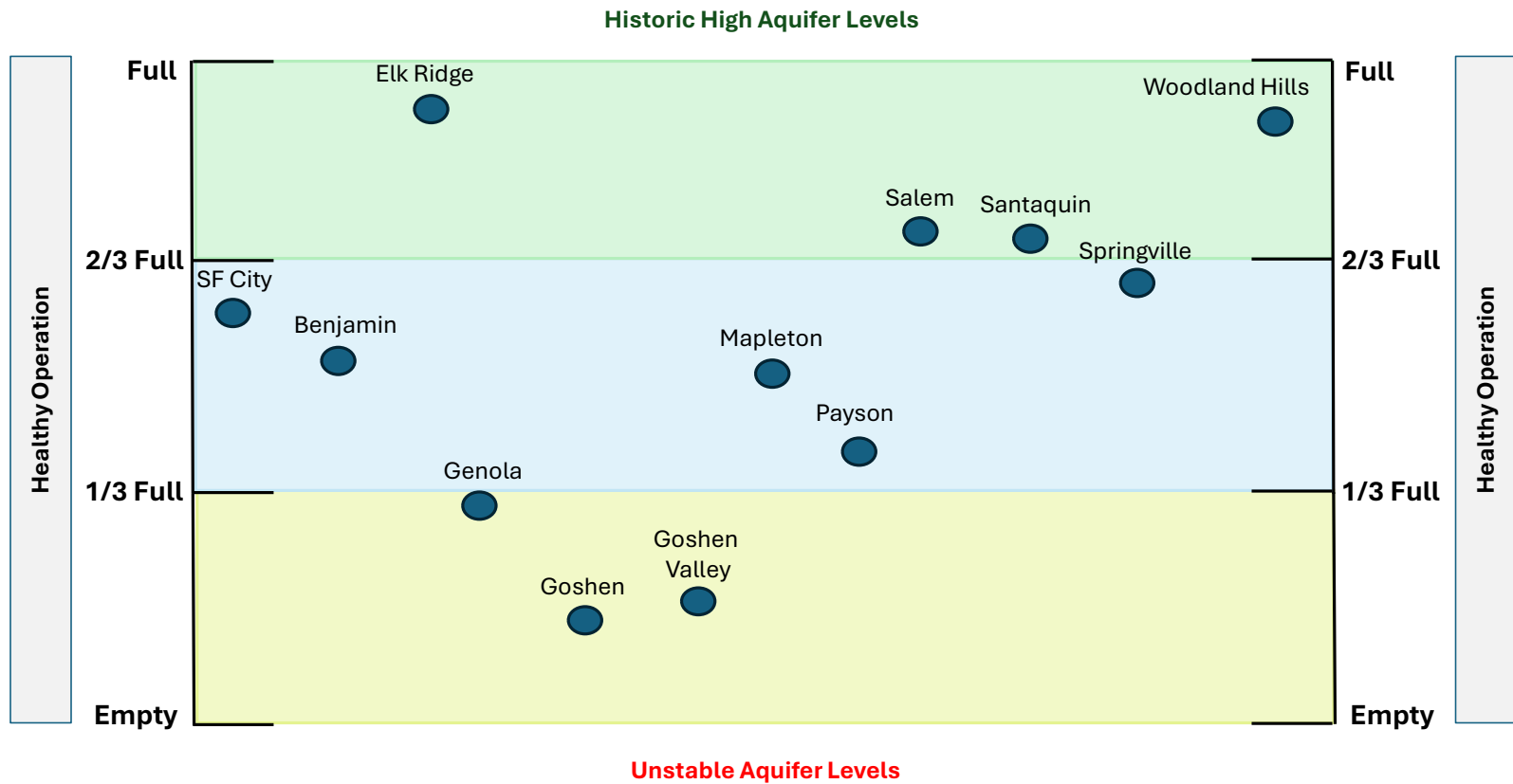


2025 Proposed Plan – Woodland Hills

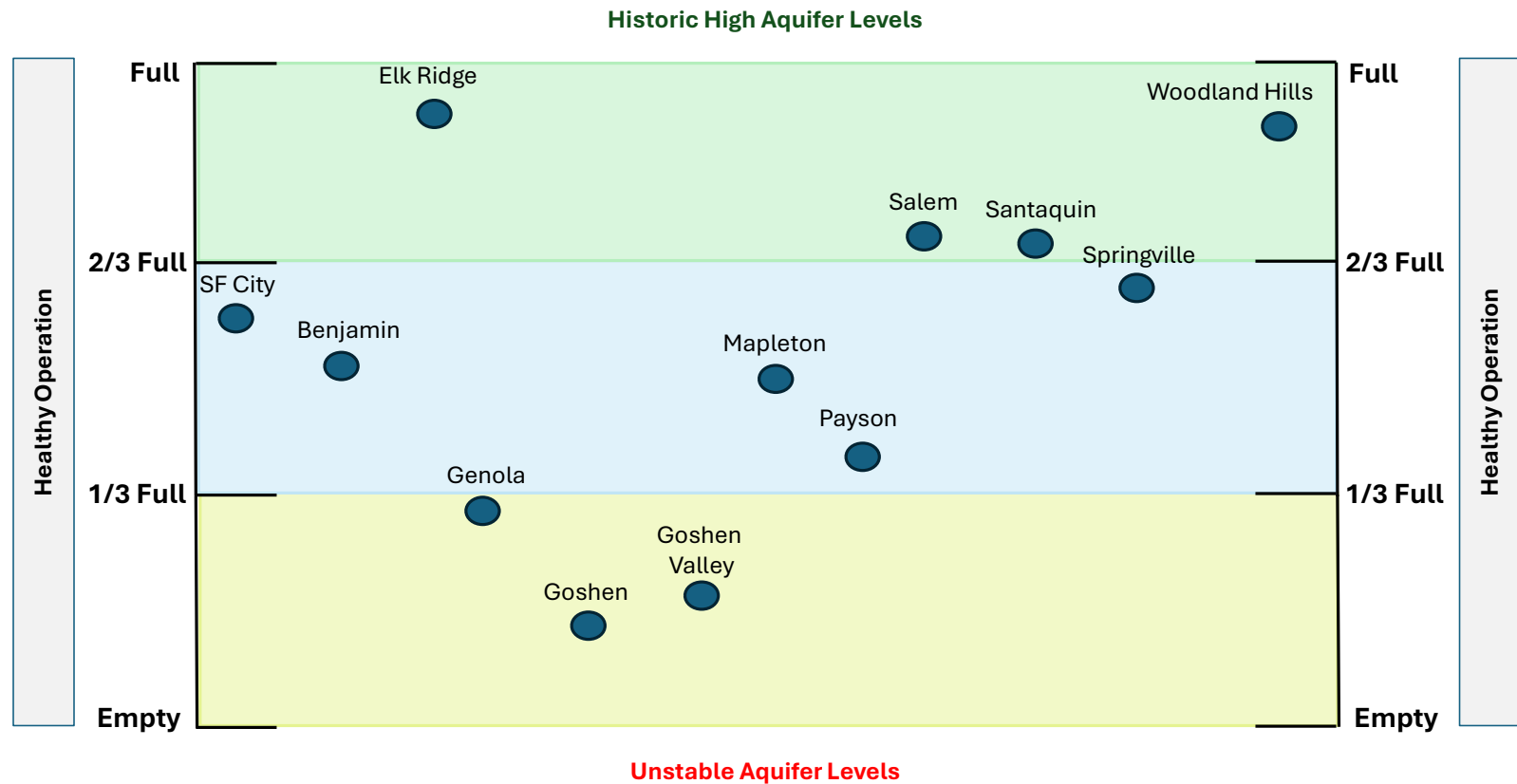


2025 Proposed Plan: Continue pumping groundwater similar to last year

2024 Groundwater Levels of Operation



2025 Proposed Groundwater Levels of Operation



Safe Yield Groundwater Withdrawal Threshold

Subarea	Last Year of Healthy Aquifer Level
Spanish Fork	2047
Benjamin	2040
Elk Ridge	2065
Genola	2051
Goshen	2045
Goshen Valley/Elberta	2045
Mapleton	2042
Payson	2041
Salem	2049
Santaquin	2055
Springville	2050
Wetlands	2044
Woodland Hills	2065