

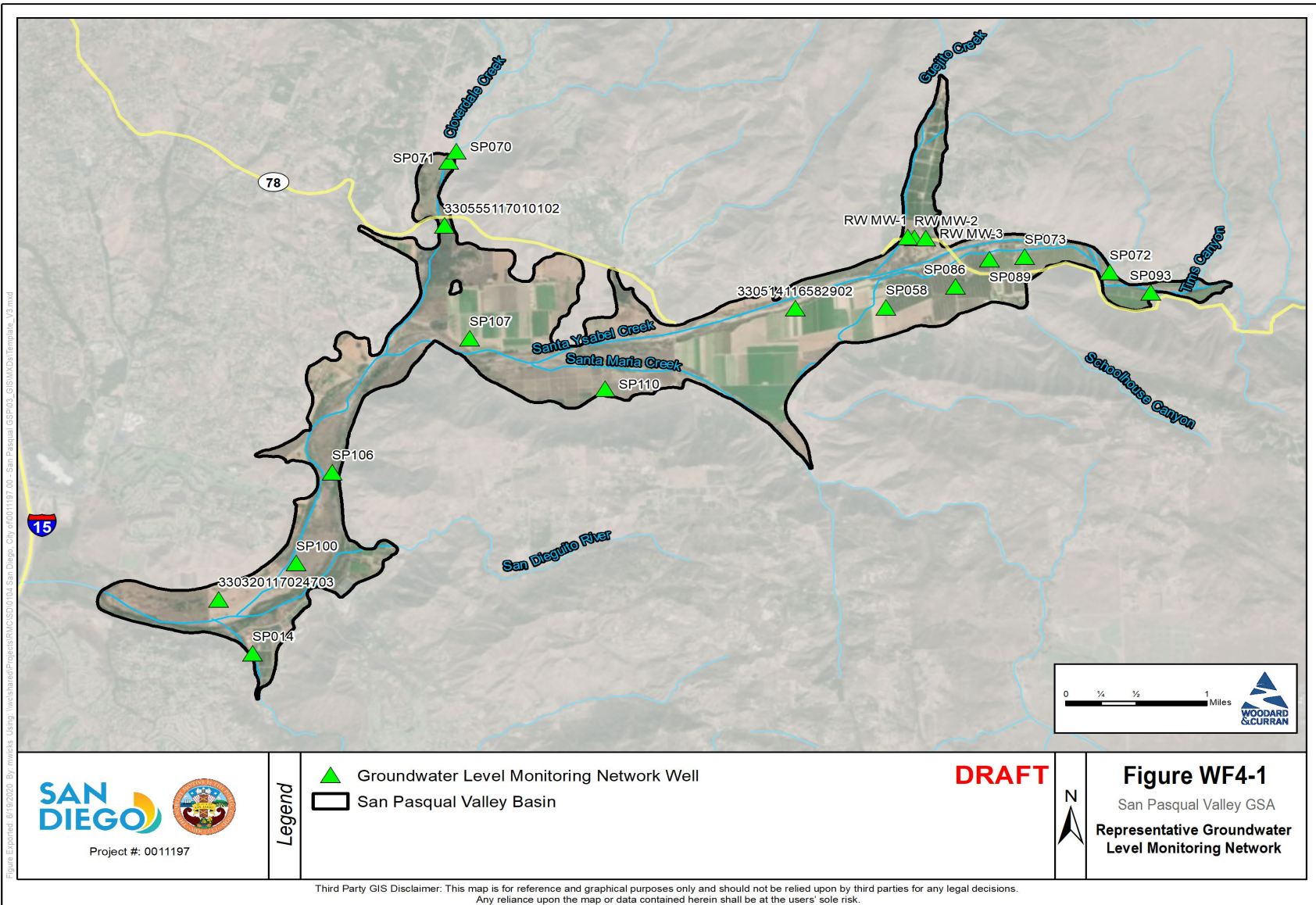


Public
Utilities



Groundwater
Sustainability Plan:
Advisory Committee
Minimum Thresholds
and
Measurable Objectives

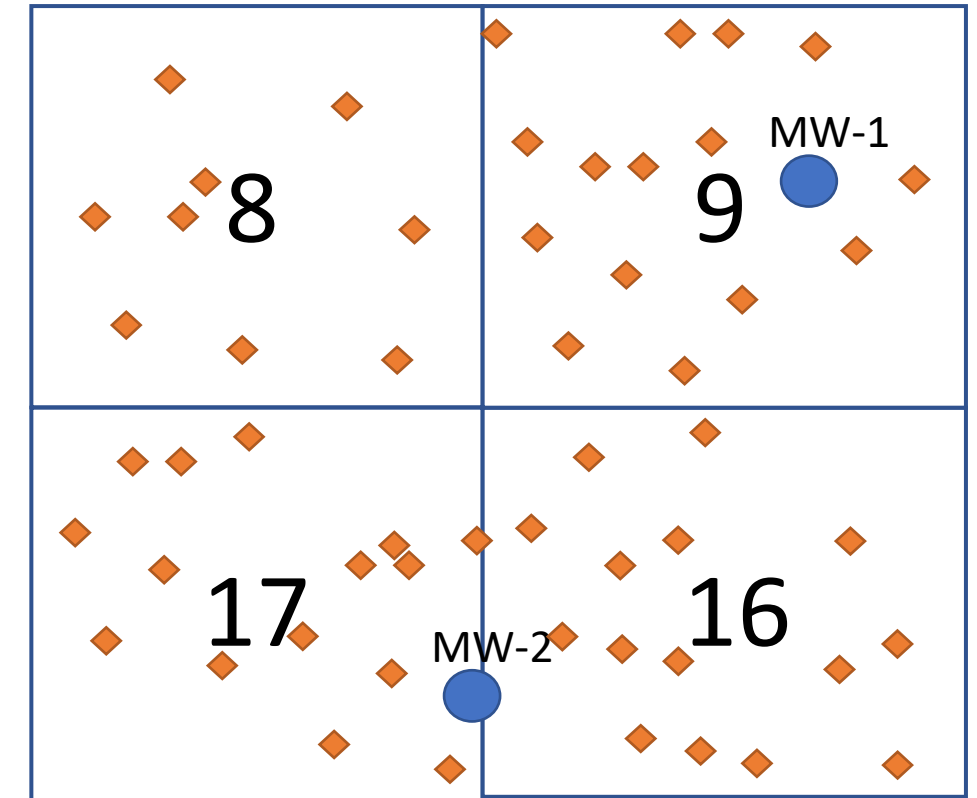
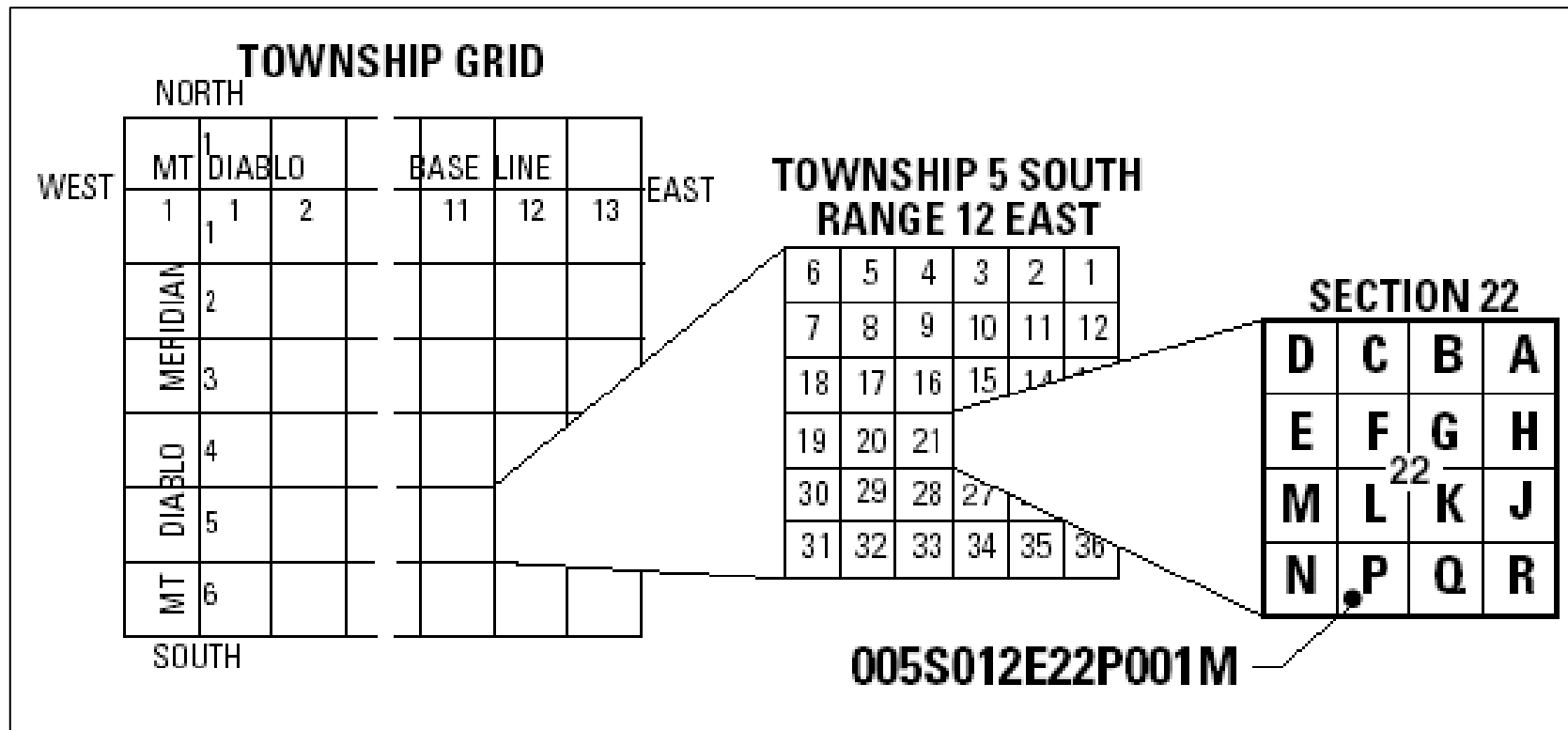
Draft



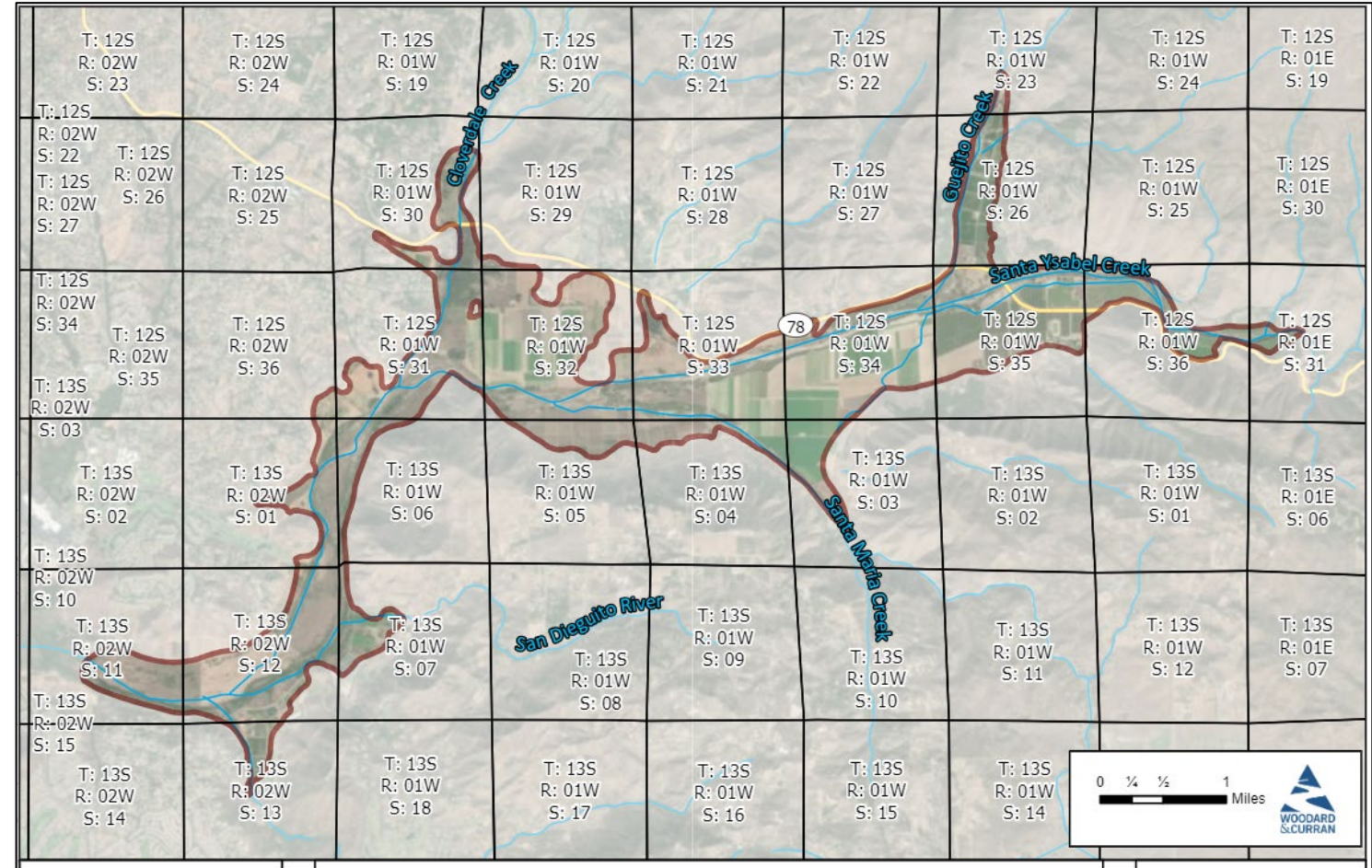
- Seeking TPR input on considerations for setting Minimum Thresholds
- Stakeholder input considered:
 - Well infrastructure
 - GDEs
- Consulting team considered for first cut:
 - Conditions at January 1, 2015
 - Historic Low
 - Number and depth of WCRs near each monitoring well
 - GDEs monitored with a different network
- Other Considerations?

Sustainability Indicator ¹	II. GROUNDWATER ELEVATION
Undesirable Results Consideration ²	<p>Chronic lowering of groundwater levels indicating unreasonable depletion of supply, which results in:</p> <ul style="list-style-type: none"> a. Adverse impacts to the viability of agriculture, and the agricultural economy. b. Unusable and stranded groundwater extraction infrastructure. c. Need to deepen or construct new wells. d. Adverse impacts to domestic wells users. e. Adverse impacts on connected ecosystems.
Minimum Threshold Consideration ³	<ul style="list-style-type: none"> • Local well infrastructure depths • Groundwater dependent ecosystems

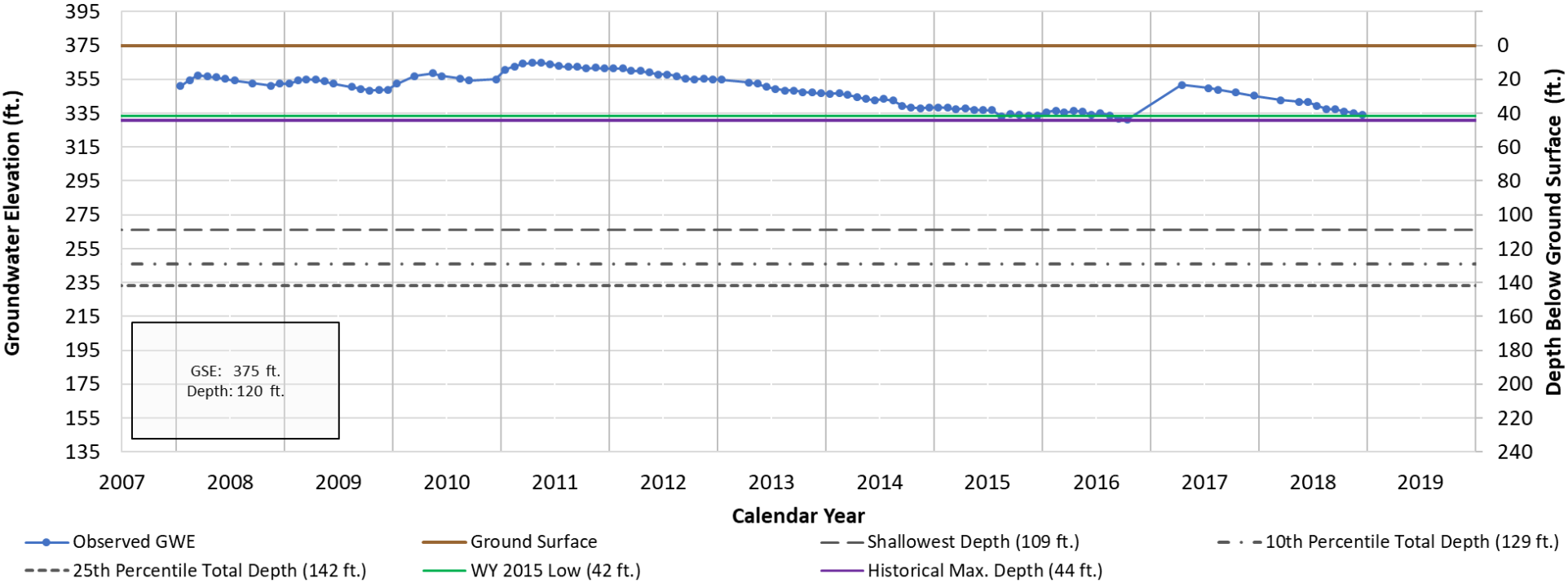
- Depth of Well Completion Reports
 - 15 wells in Section 9 are used to compare MW-1
 - 29 wells in Sections 16 and 17 are used to compare MW-2



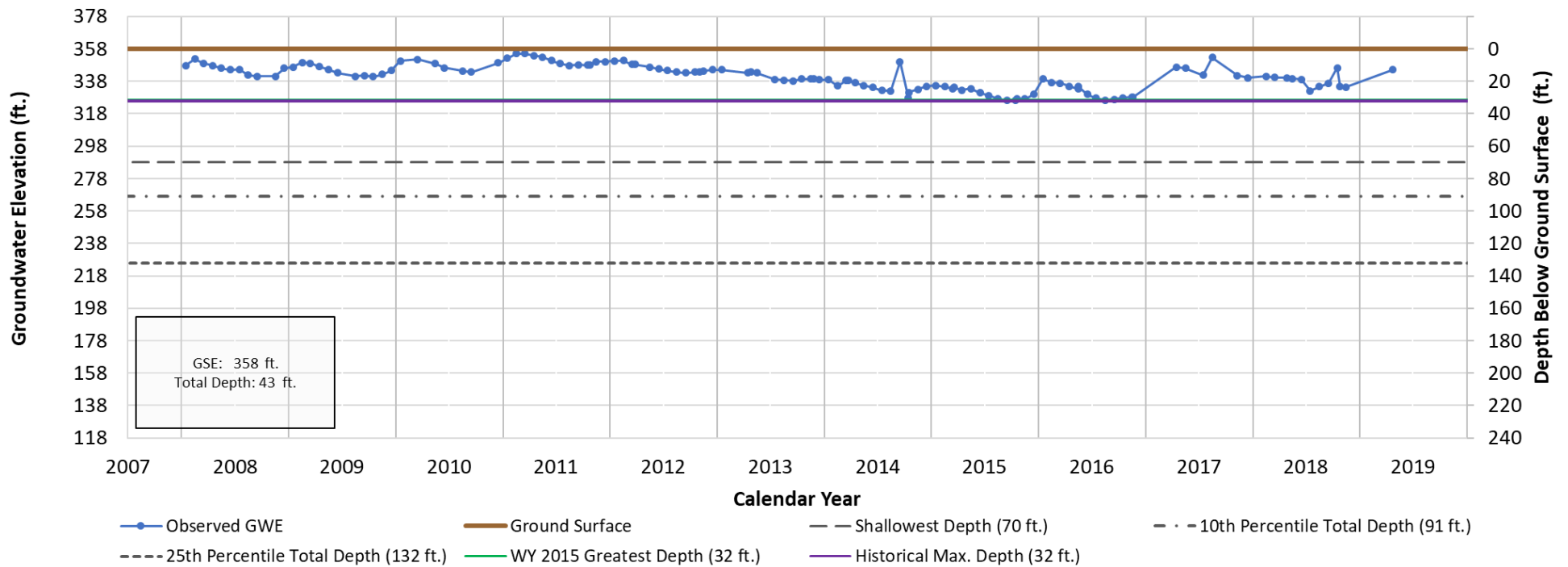
- Limits of Well Completion Reports
 - DWR's WCR database typically is missing 20% of wells
 - This was improved by adding City and County WCRs
 - Sections (1 square mile) often include areas outside of the basin
 - Wells in the WCR database are not commonly reported when may be not in service or destroyed



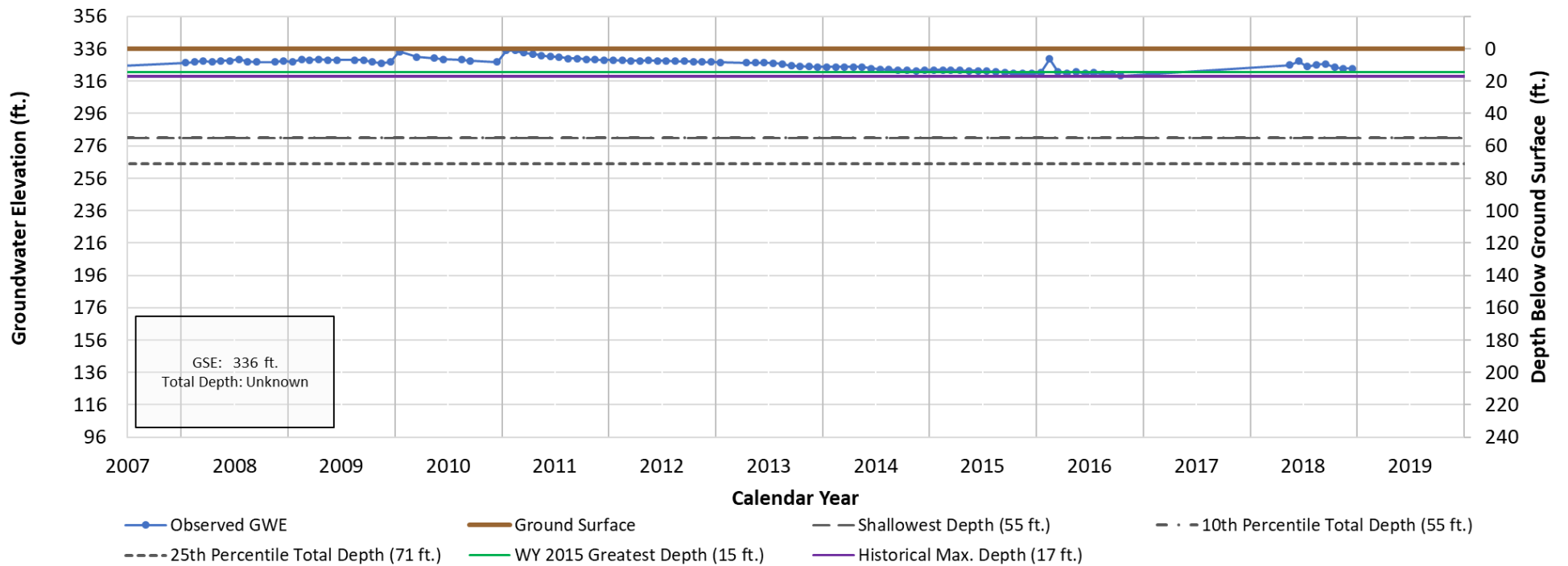
Hydrograph SP110



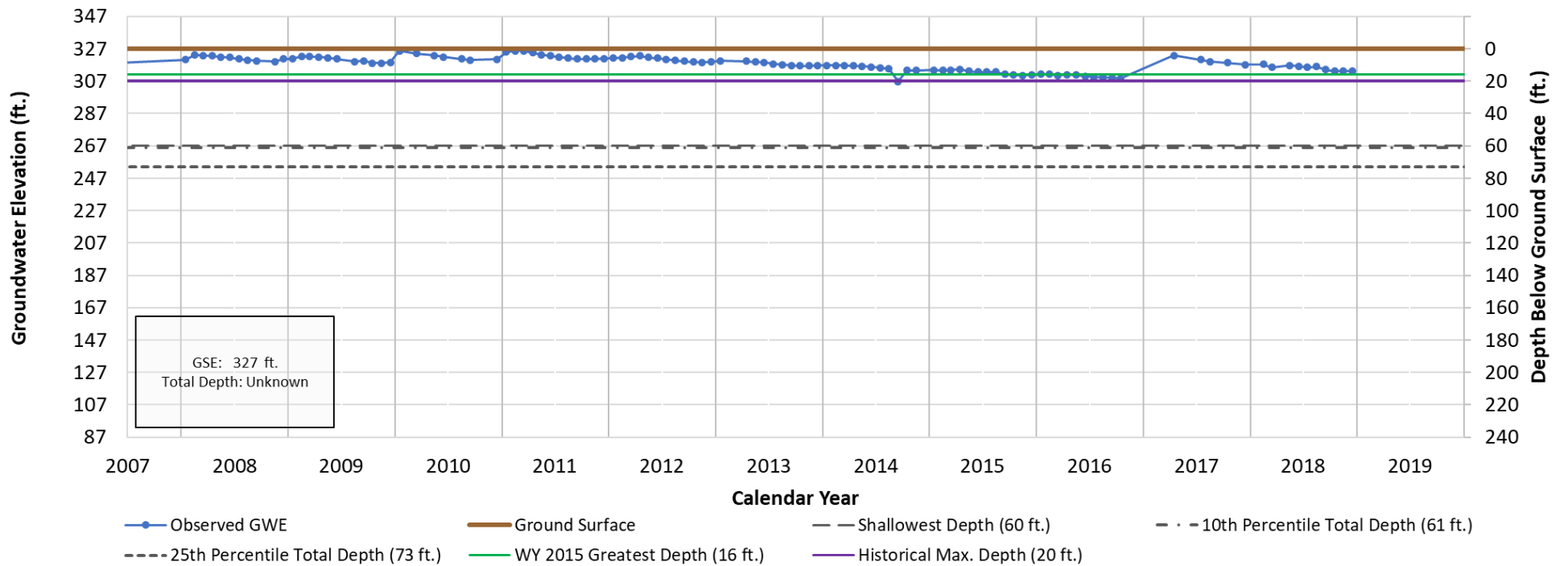
Hydrograph SP107



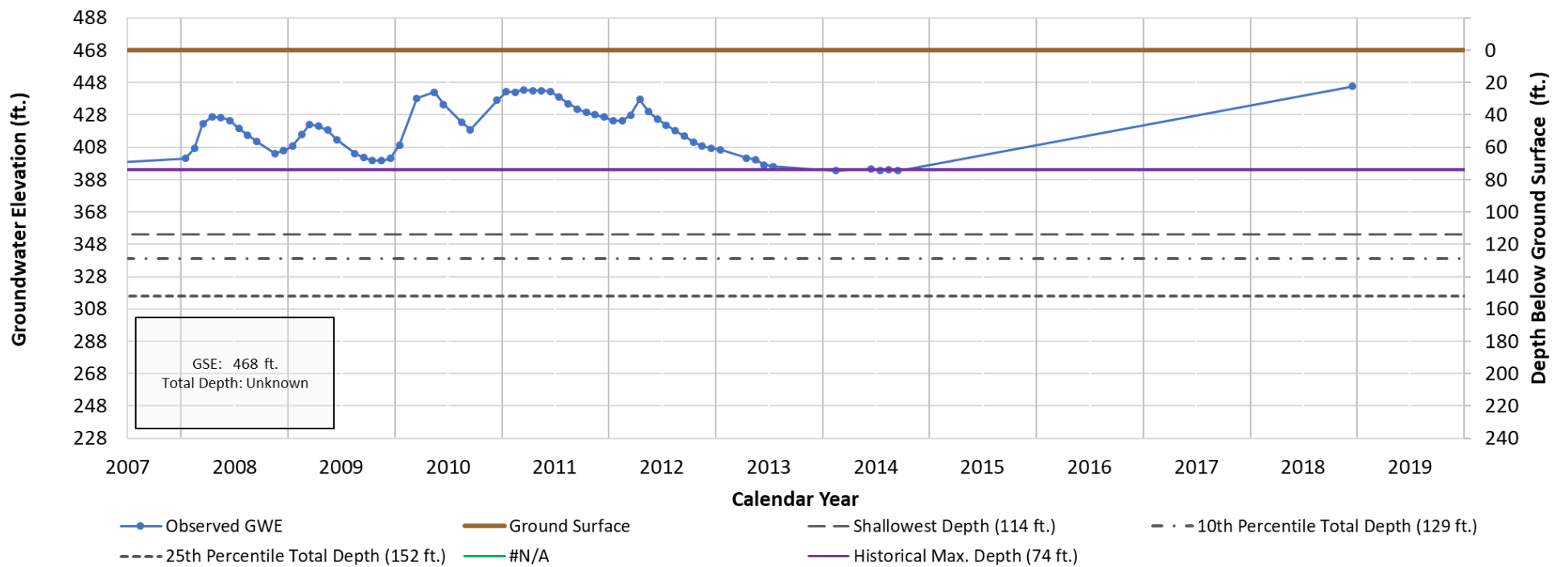
Hydrograph SP106



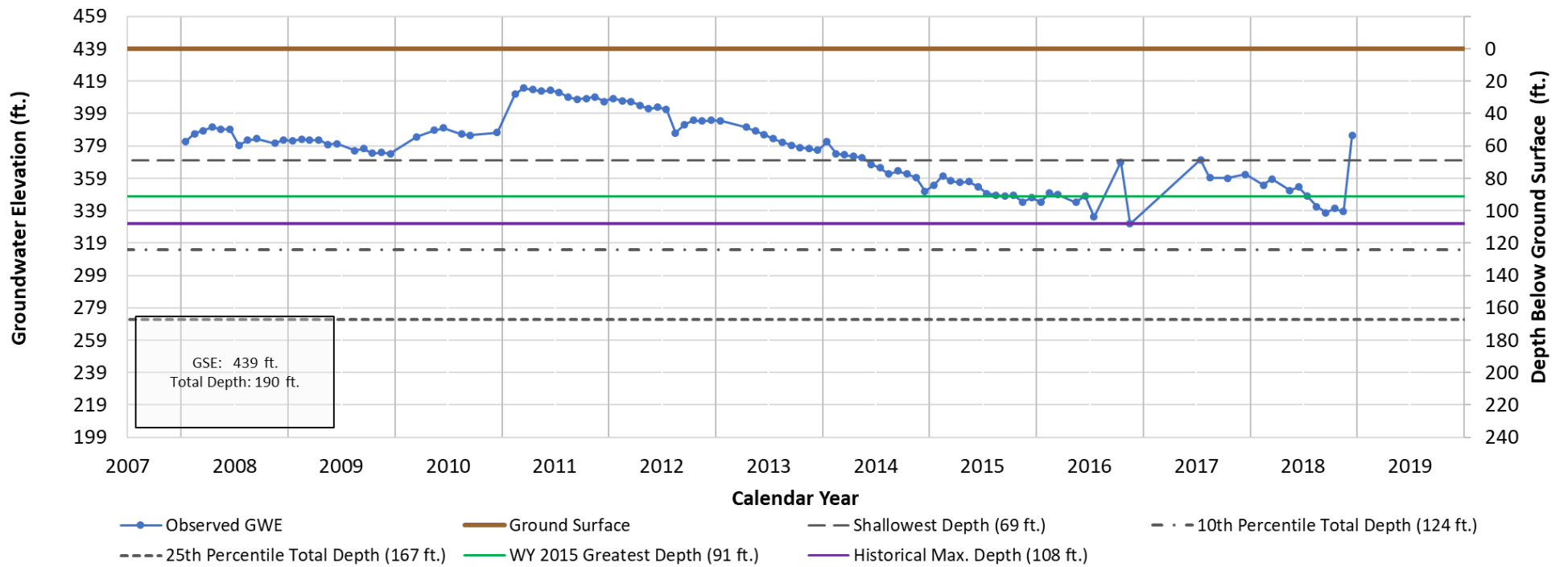
Hydrograph SP100



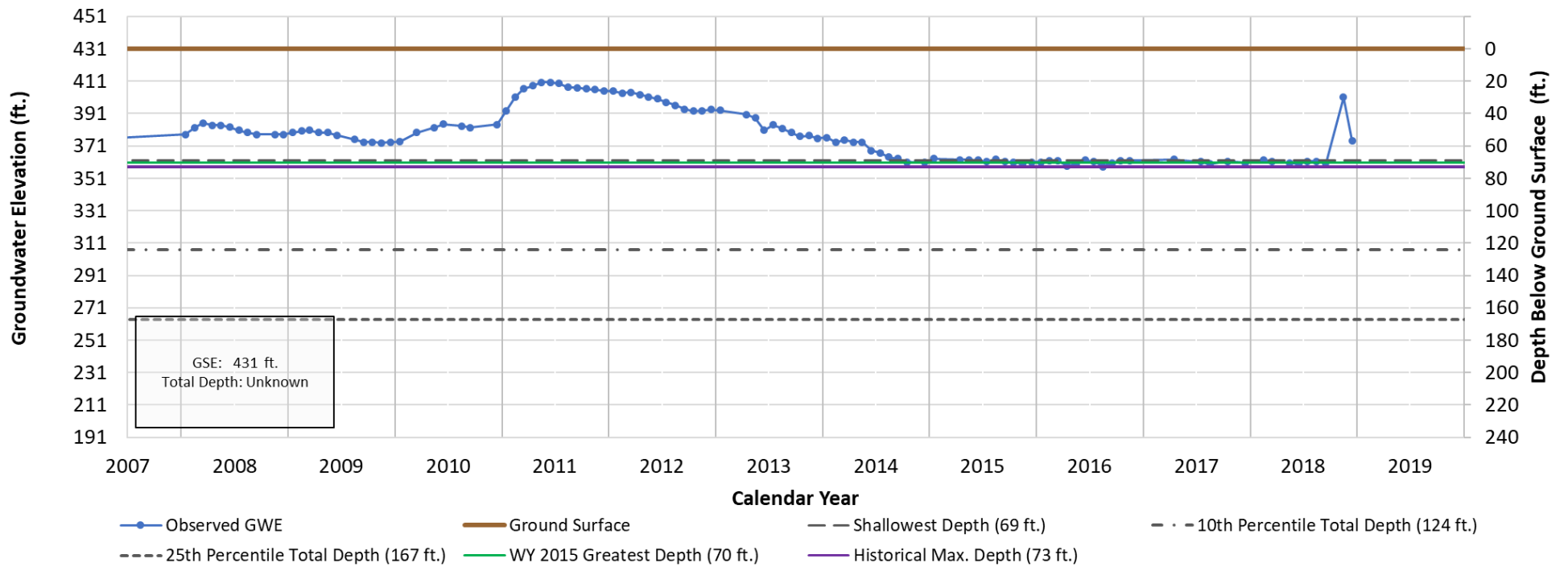
Hydrograph SP093



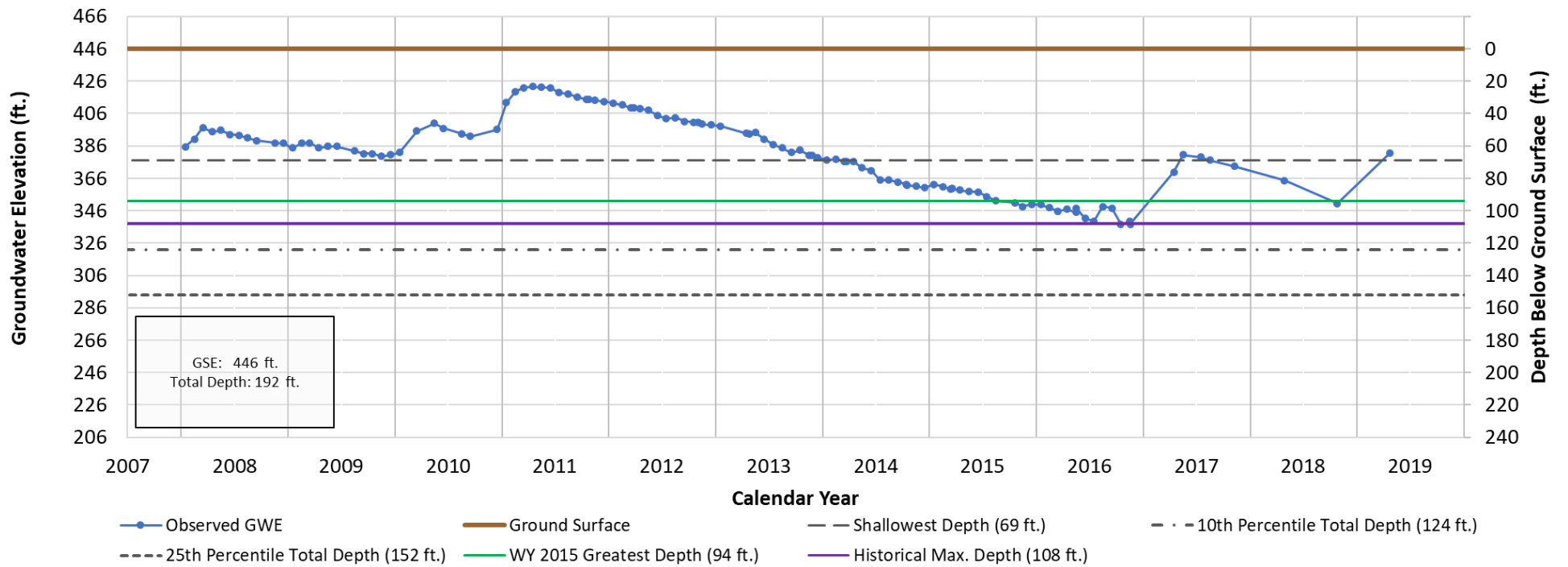
Hydrograph SP089



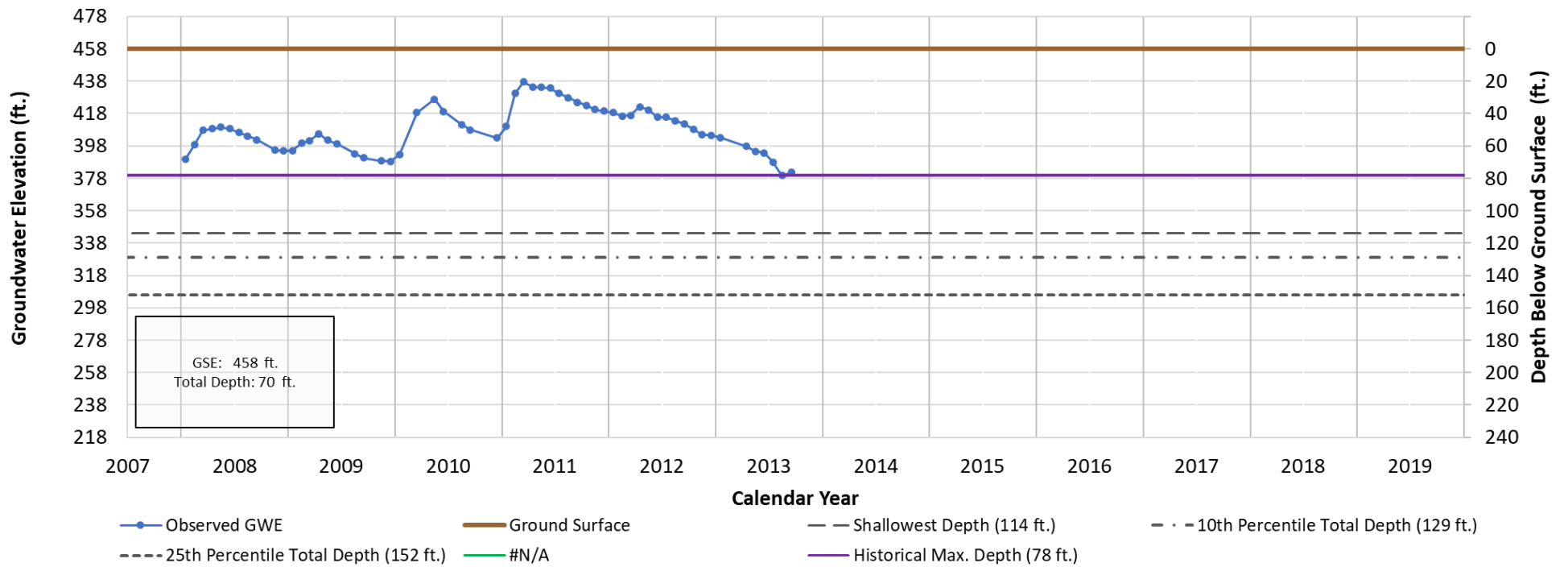
Hydrograph SP086



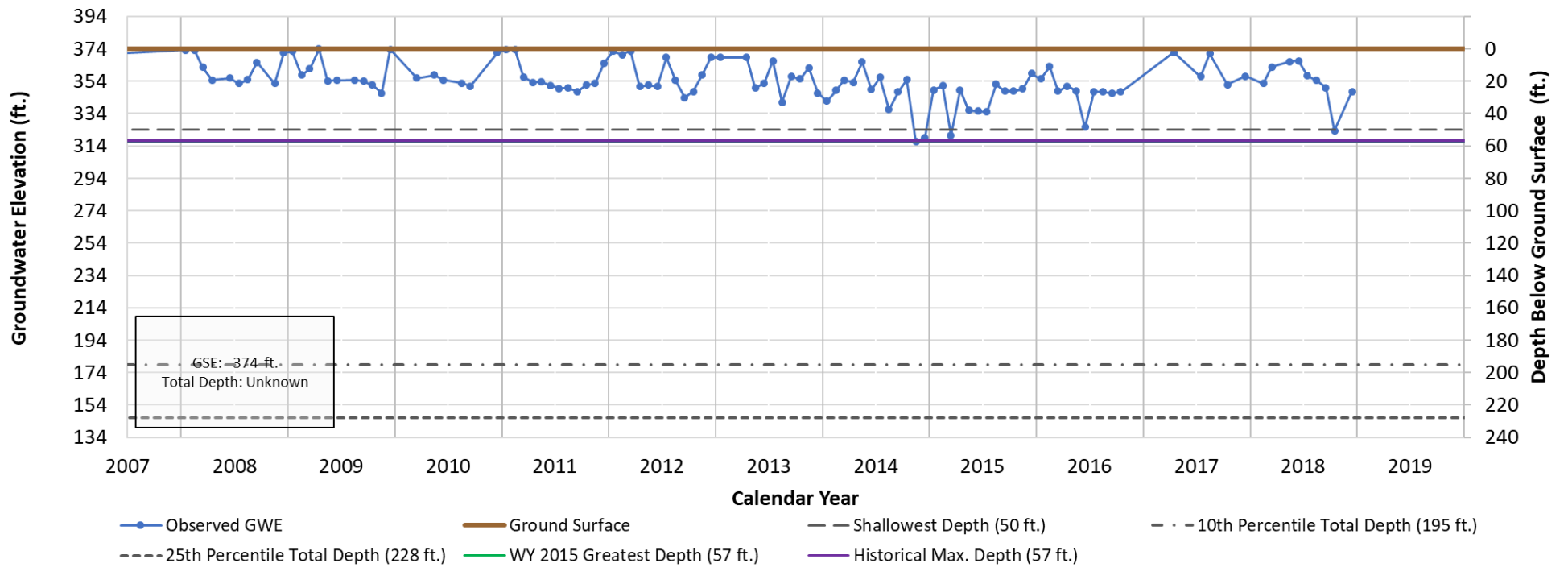
Hydrograph SP073



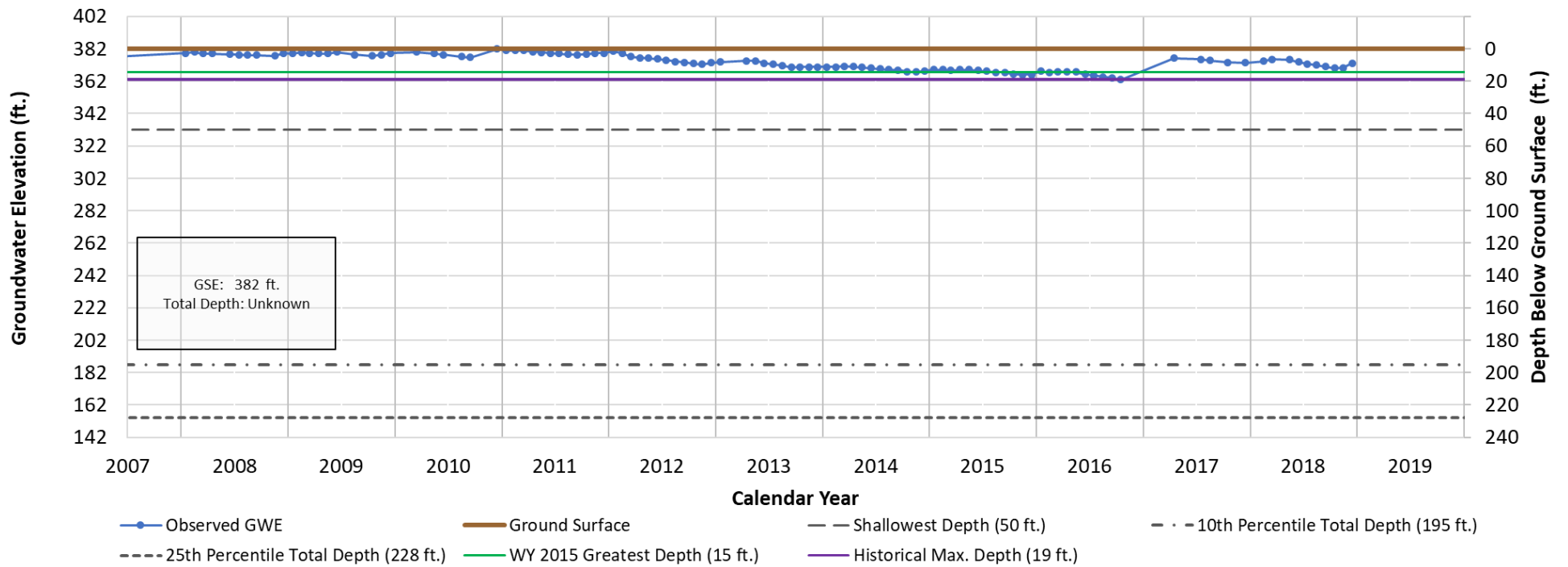
Hydrograph SP072



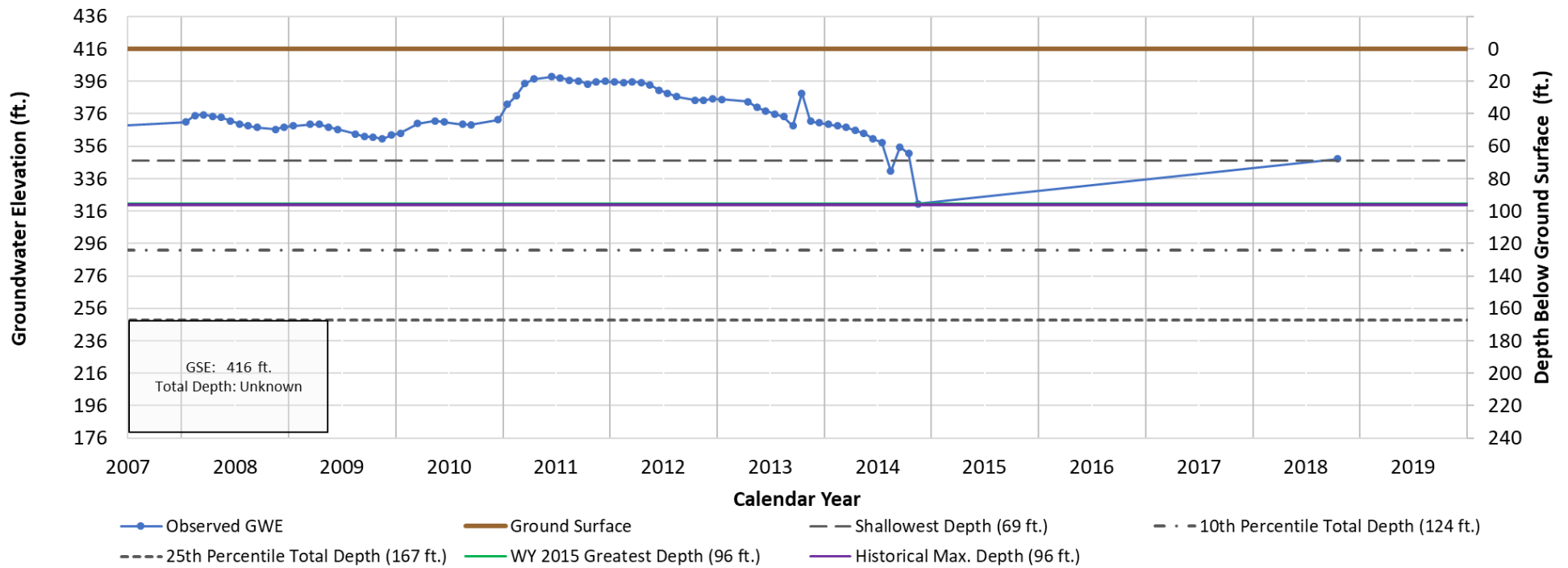
Hydrograph SP071



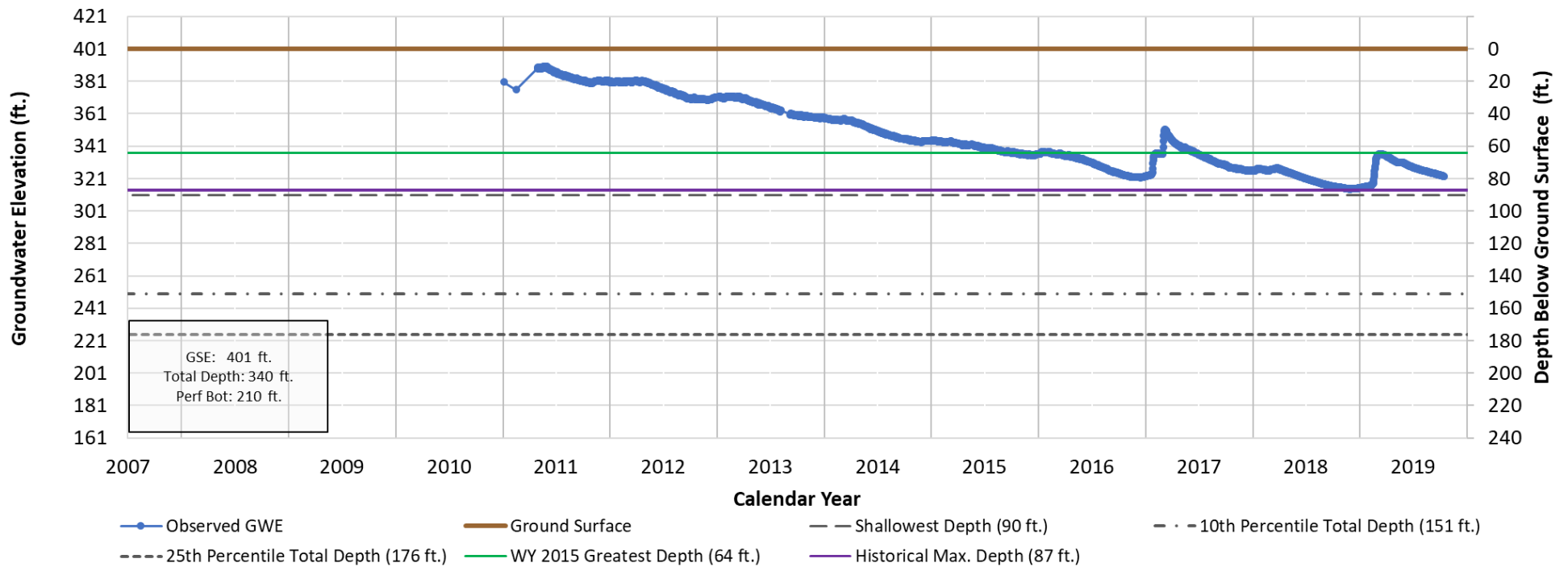
Hydrograph SP070



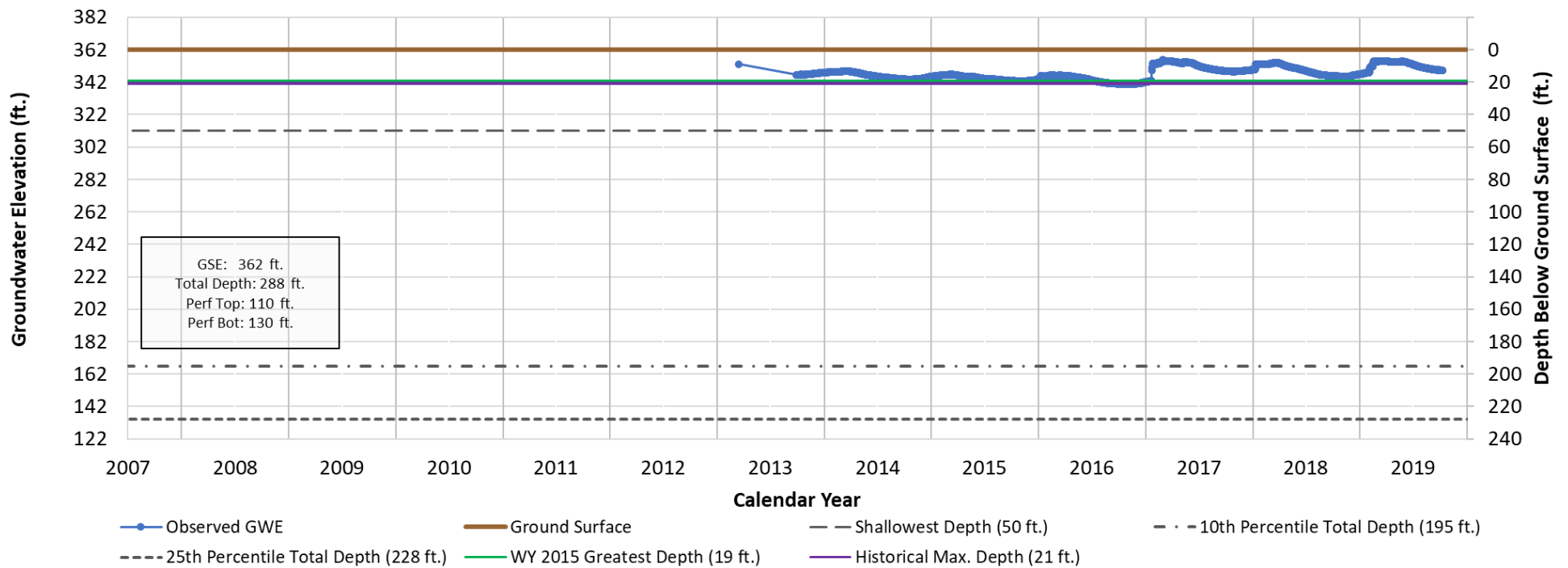
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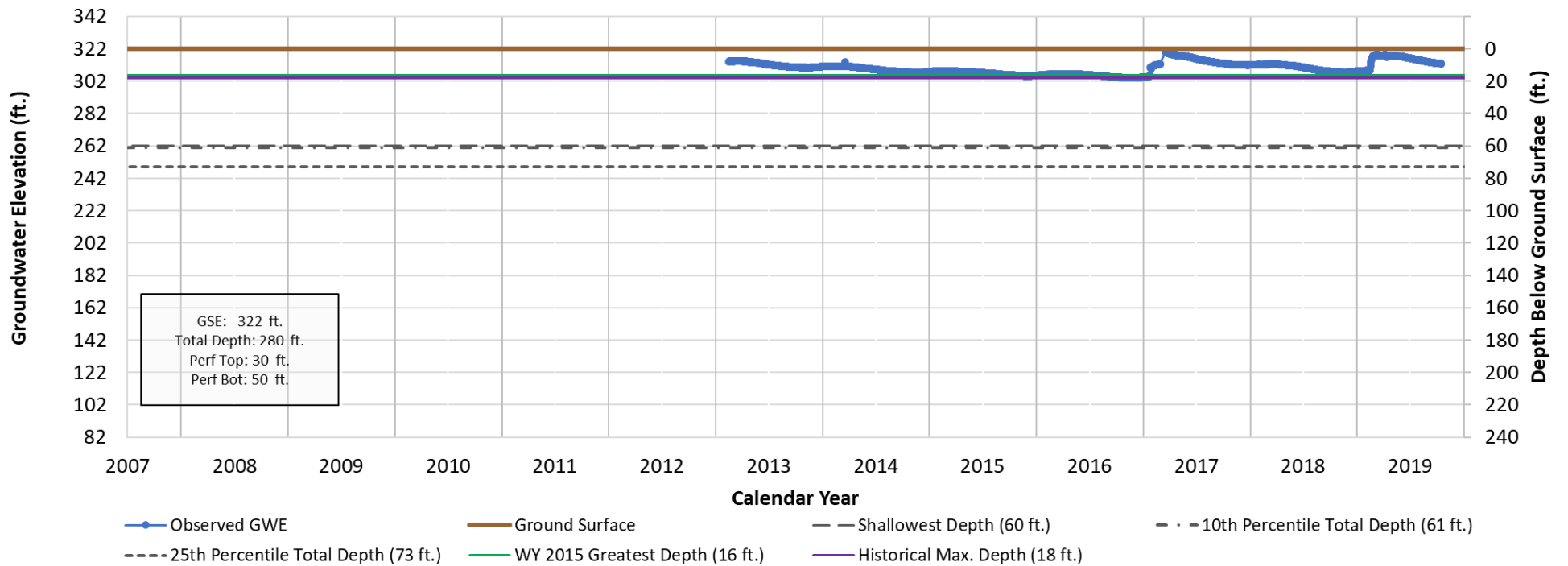
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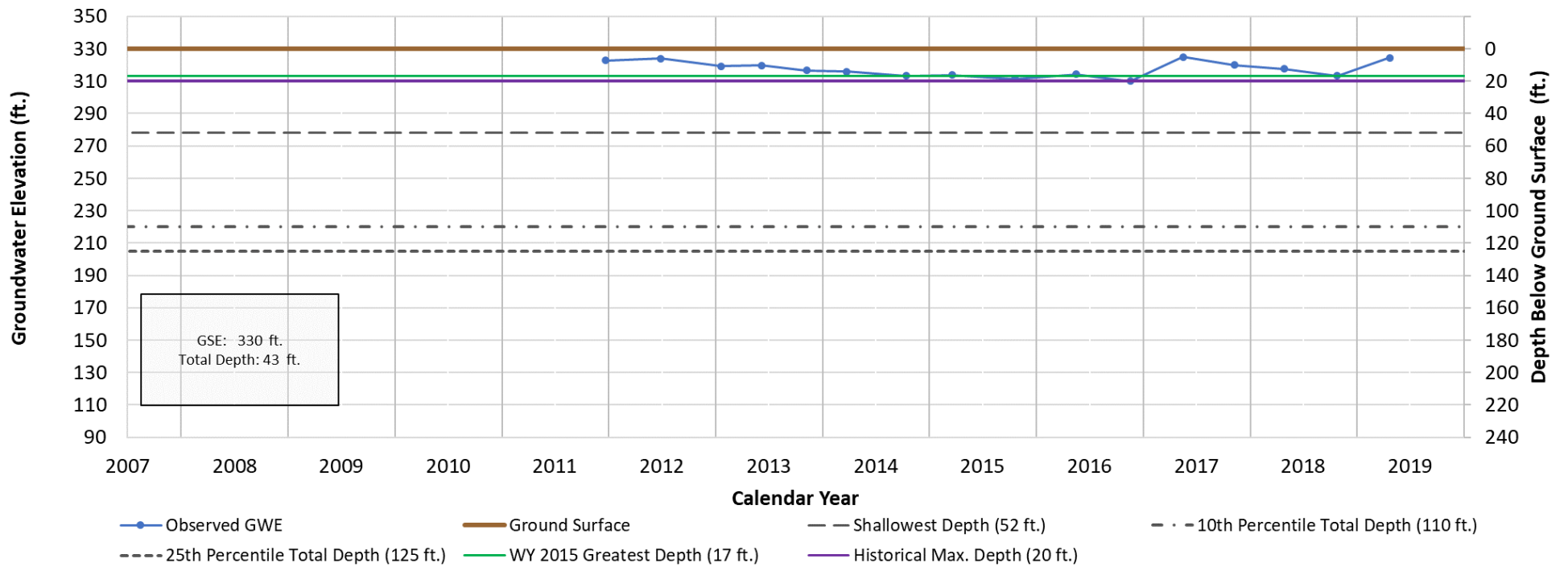
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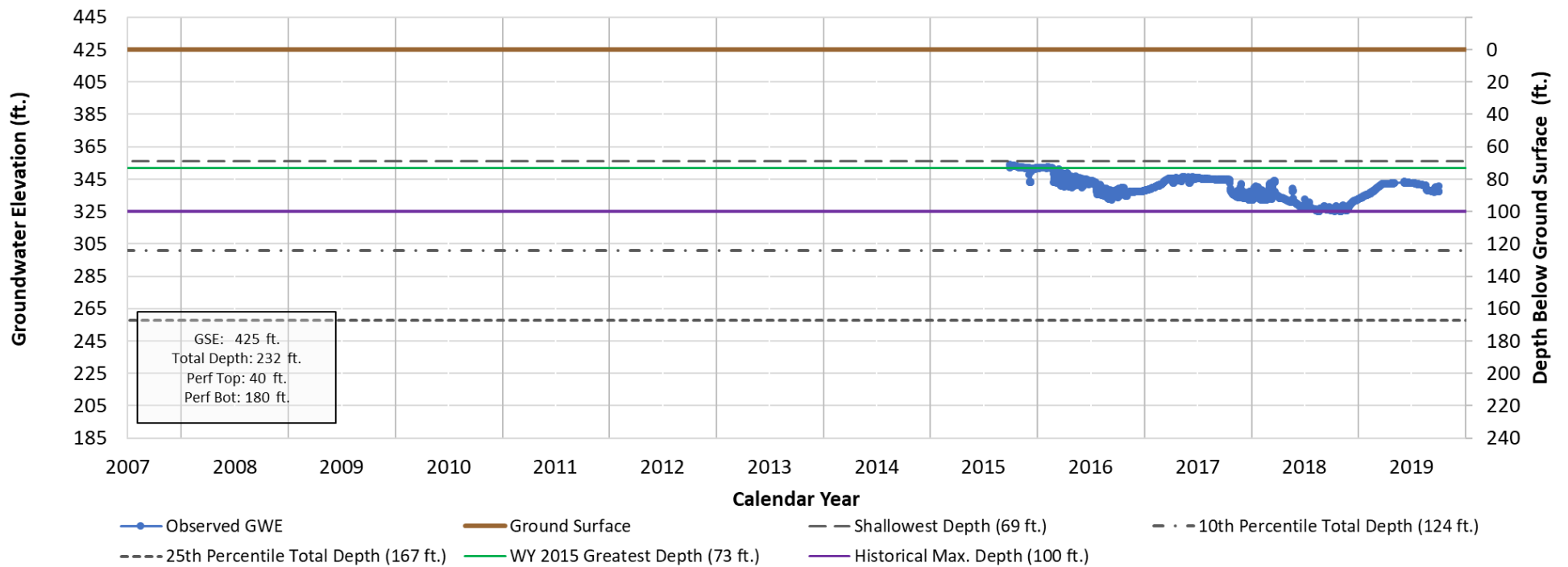
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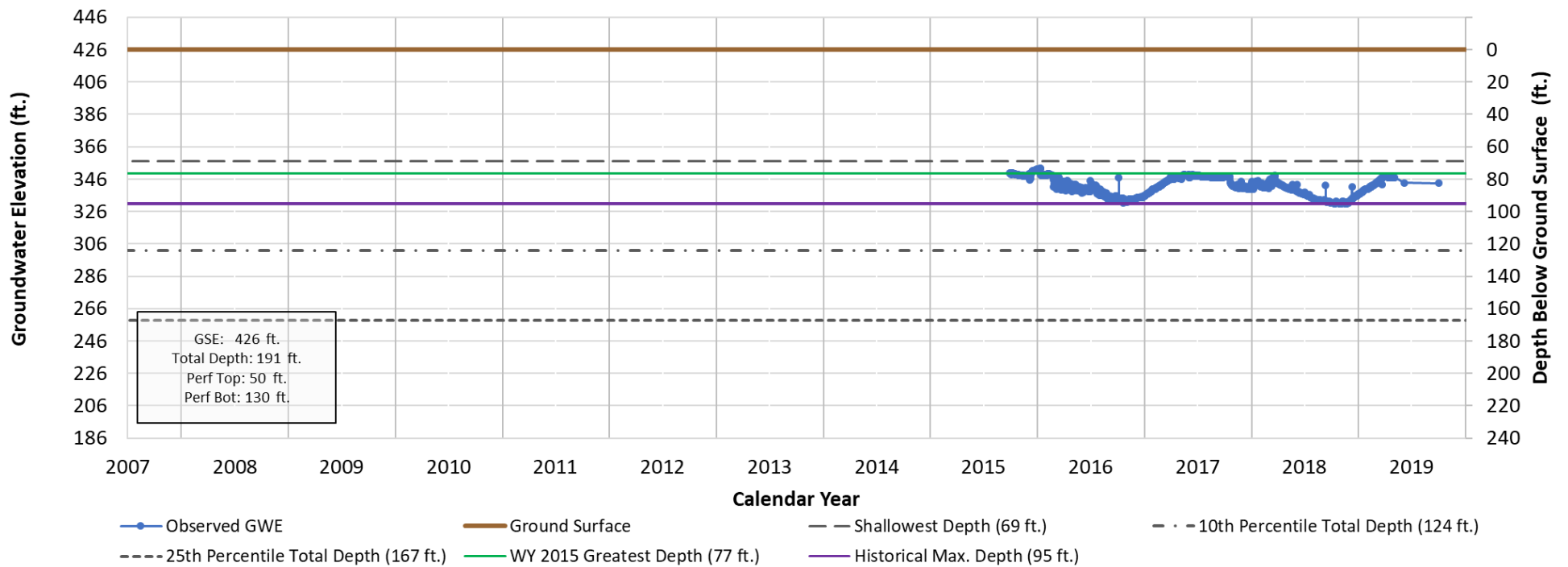
Hydrograph SP014



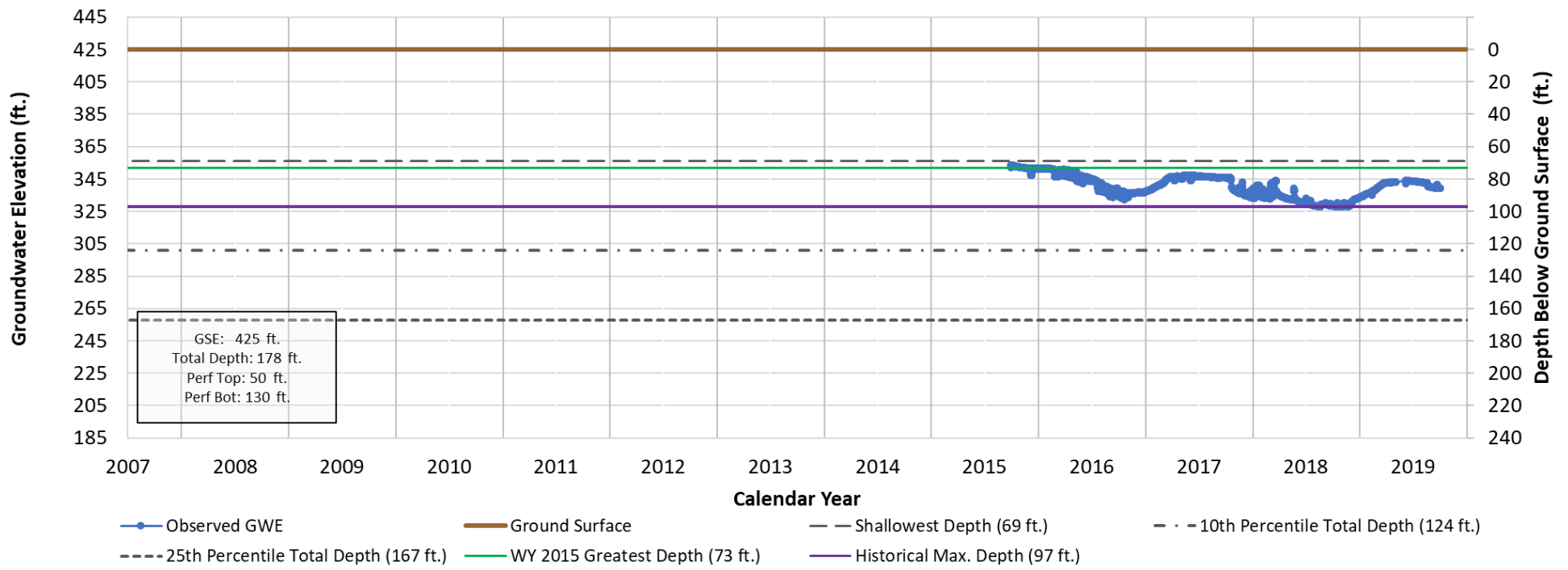
Hydrograph Rockwood MW-2



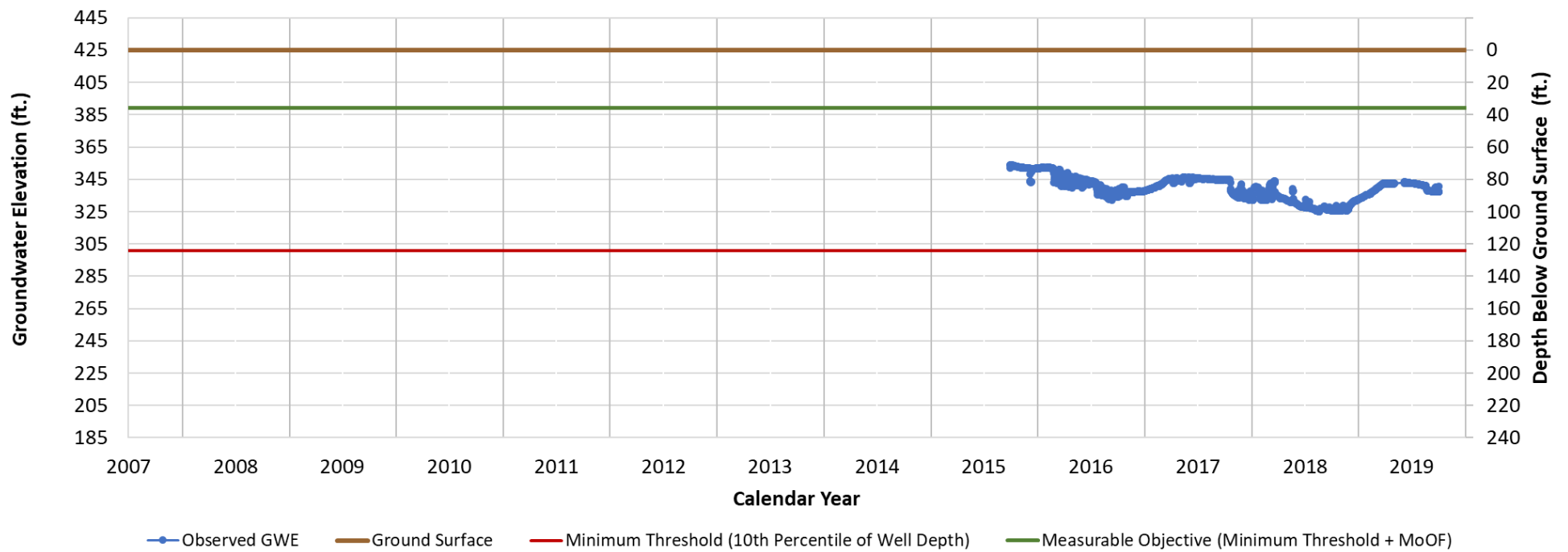
Hydrograph Rockwood MW-3



Hydrograph Rockwood MW-1



Hydrograph Rockwood MW-2



Hydrograph SP073

