

JANUARY ADVISORY COMMITTEE MEETINGS

Butte Valley Groundwater Advisory Committee Meeting



LARRY WALKER
ASSOCIATES
science | policy | solutions



Technical Items

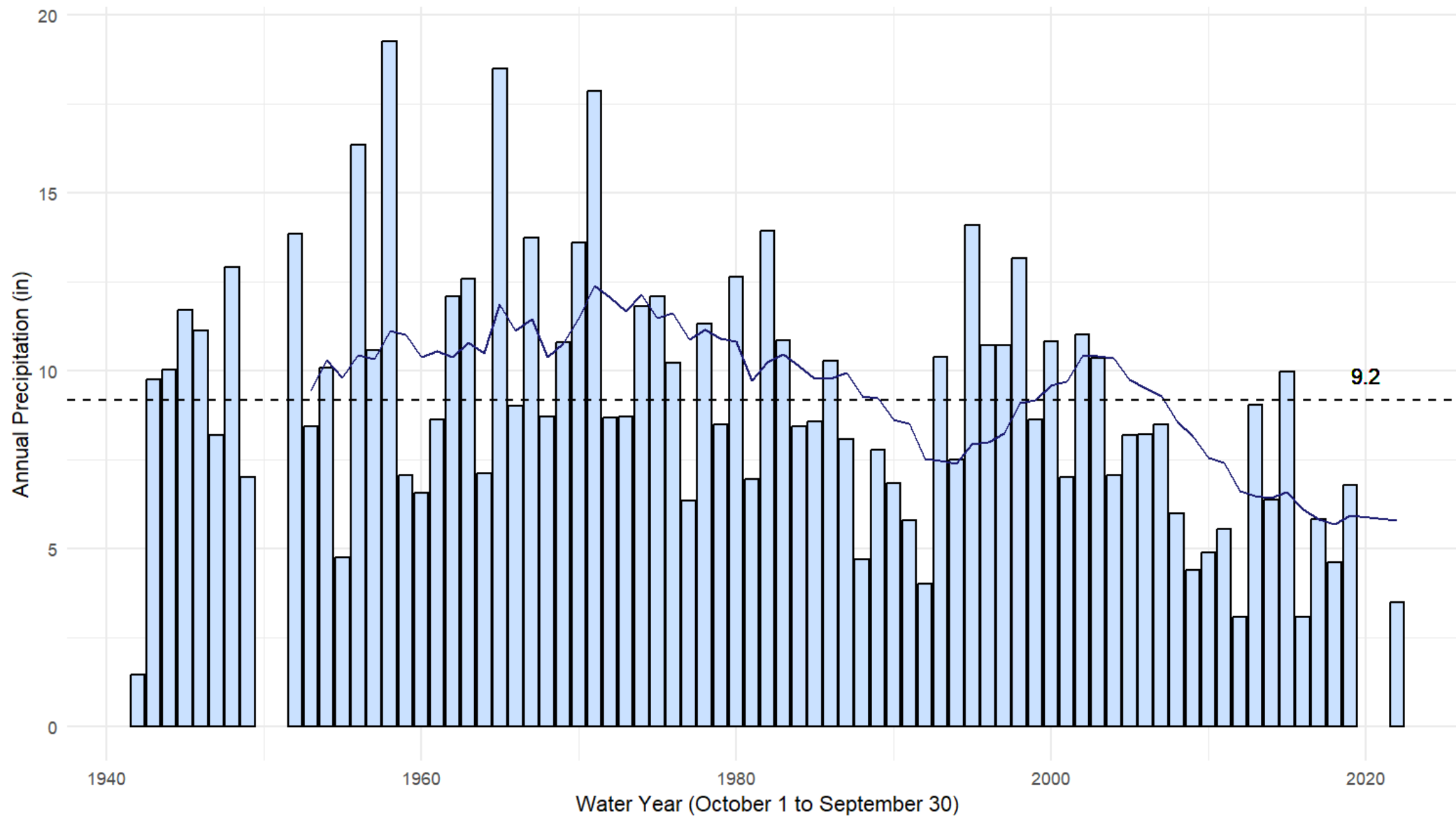
- Annual Report Preparation
- WY 2022 Conditions

Annual Report

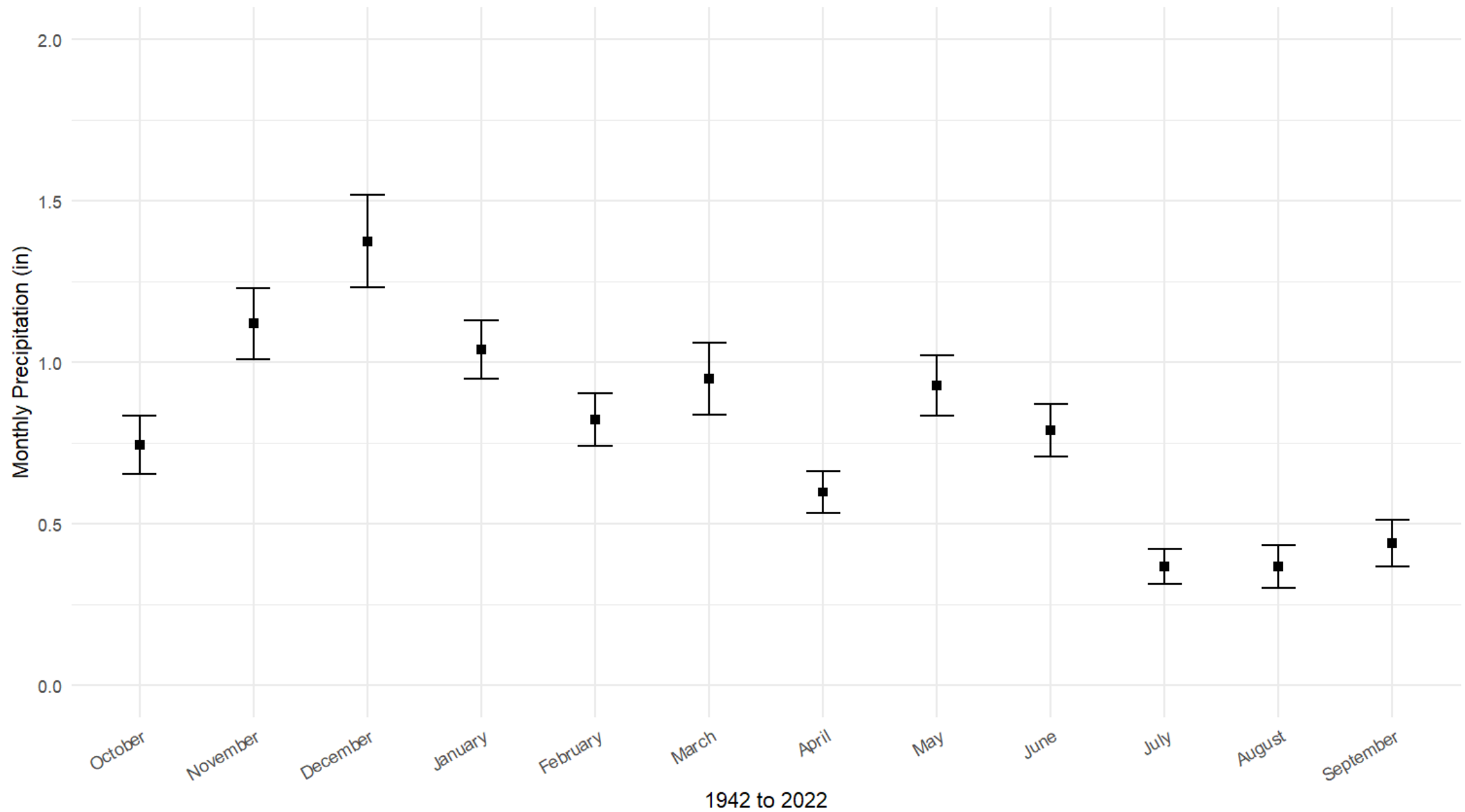
- Annual reports are to be submitted each year on April 1st
- This report covers October 2021 to September 2022
- Annual Reports include:
 - GSA's progress in GSP implementation
 - Data collected from monitoring network
 - Groundwater extractions, surface water supply, total water use and changes in groundwater storage

Update on Hydrologic Conditions-Precipitation

A Annual water year precipitation with 10-year rolling and long-term means
MOUNT HEBRON RANGER STATION, CA US



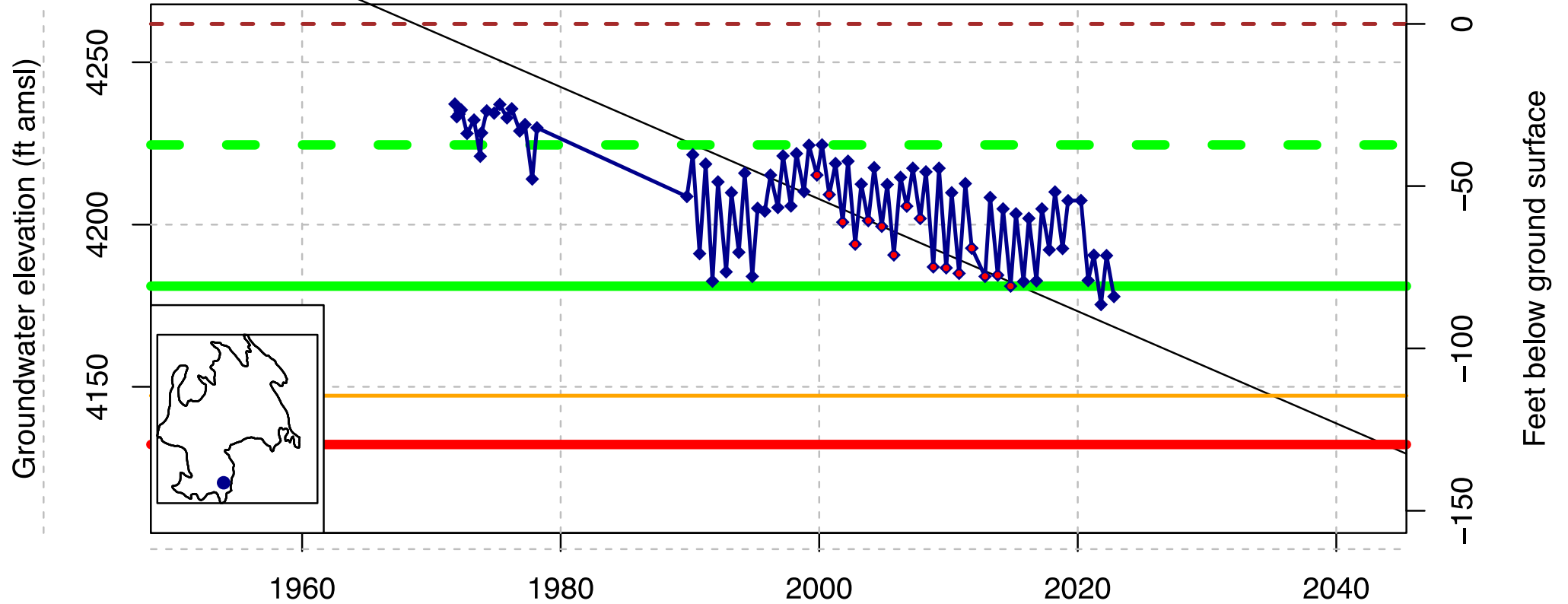
B Monthly Precipitation Mean and Standard Deviation
MOUNT HEBRON RANGER STATION, CA US



Update on Hydrologic Conditions-Hydrographs

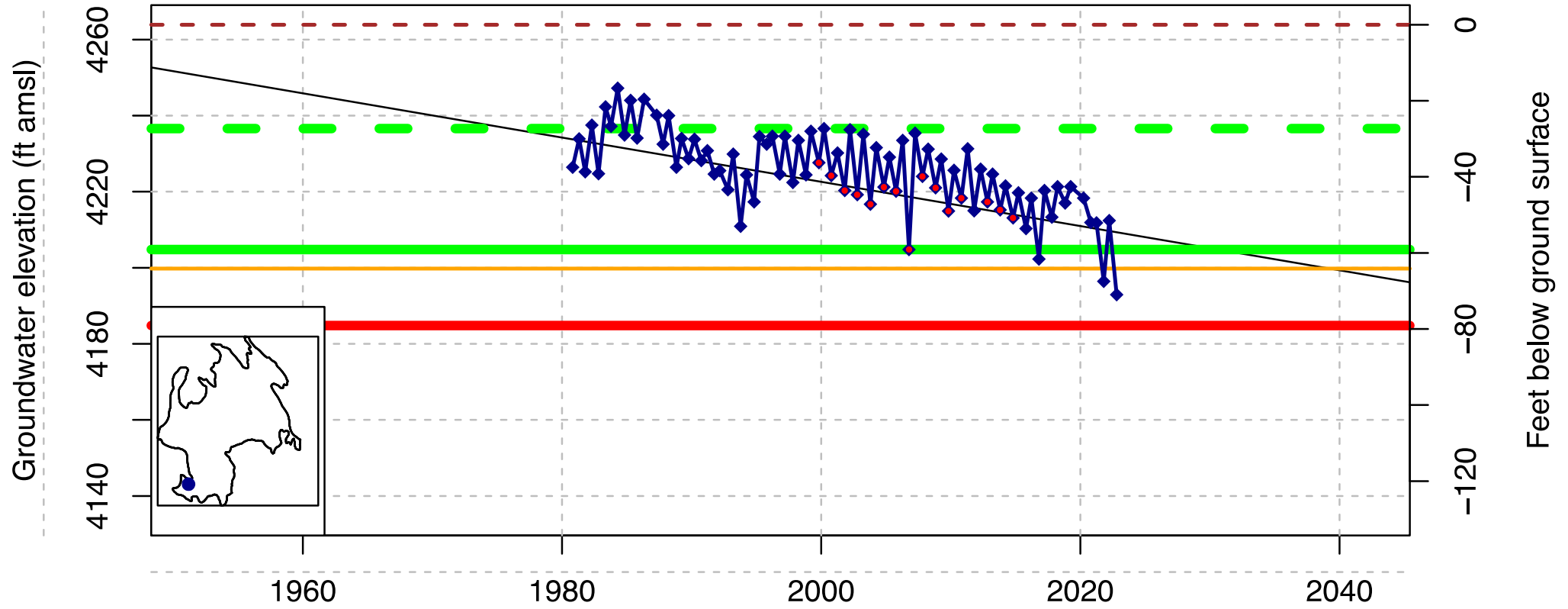
Hydrographs identified with an * may be missing one or more measurements from 2020-2022. These missing data points are being investigated.

DWR Stn_ID: ; well_code: 417786N1220041W001; well_name: 45N01W06A001M; well_swn: 45N01W06A001M



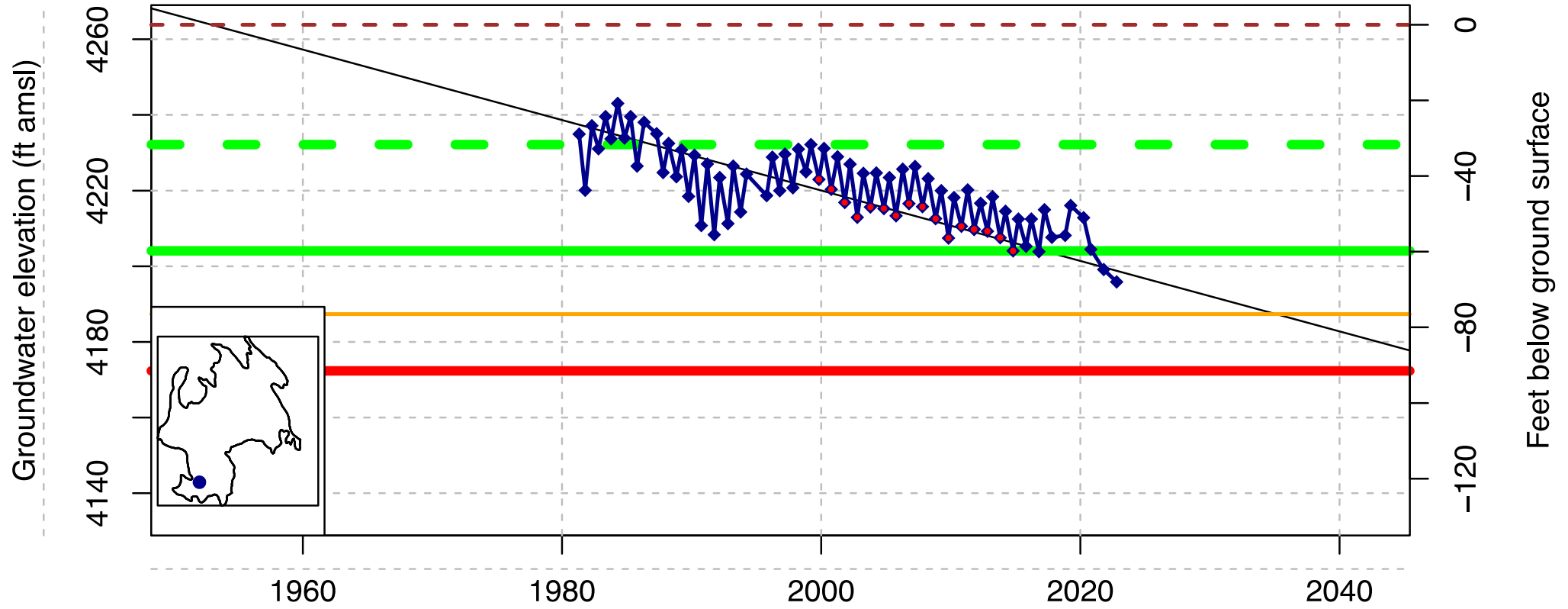
- - Ground Surface (4262 ft amsl)
- Measurable Objective (Upper) (4225 ft amsl)
- Measurable Objective (Lower) (4181 ft amsl)
- Trigger - Soft Landing (4147 ft amsl)
- Minimum Threshold (4132 ft amsl)
- Linear Interpolation Intercept: 4182 ft amsl, Slope: -1.7263 Feet/Year

DWR Stn_ID: ; well_code: 417789N1220759W001; well_name: 45N02W04B001M; well_swn: 45N02W04B001M



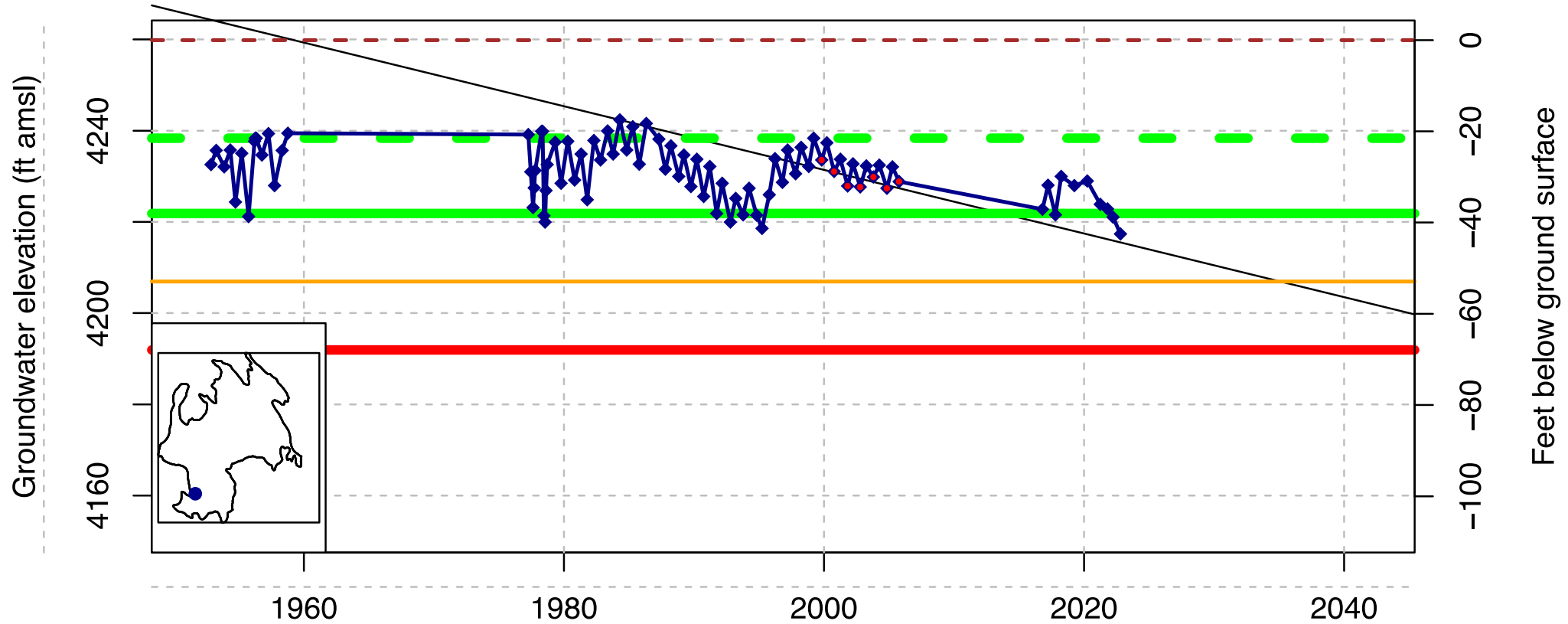
- - Ground Surface (4264 ft amsl)
- Measurable Objective (Upper) (4237 ft amsl)
- Measurable Objective (Lower) (4205 ft amsl)
- Trigger - Soft Landing (4200 ft amsl)
- Minimum Threshold (4185 ft amsl)
- Linear Interpolation Intercept: 4214 ft amsl, Slope: -0.5811 Feet/Year

* DWR Stn_ID: ; well_code: 417822N1220545W001; well_name: 46N02W35R001M; well_swn: 46N02W35R001M



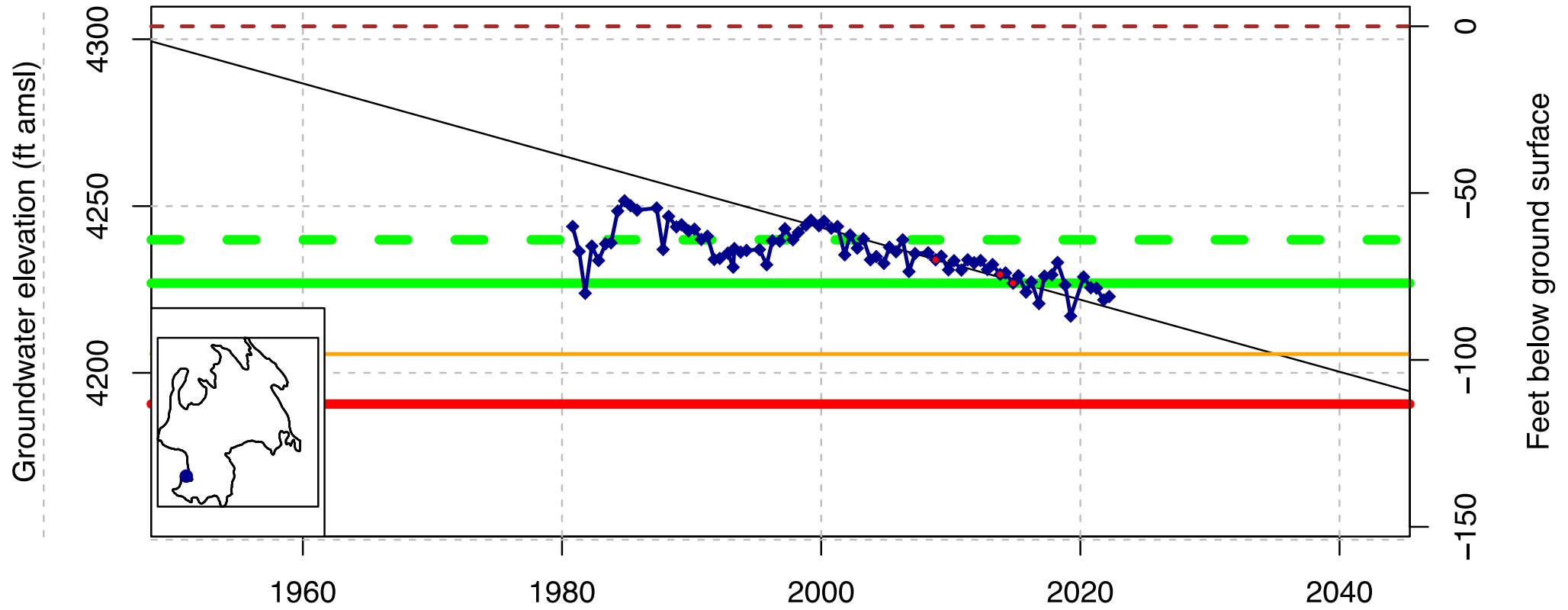
- - - Ground Surface (4264 ft amsl)
- Measurable Objective (Upper) (4232 ft amsl)
- Measurable Objective (Lower) (4204 ft amsl)
- Trigger - Soft Landing (4187 ft amsl)
- Minimum Threshold (4172 ft amsl)
- Linear Interpolation Intercept: 4206 ft amsl, Slope: -0.9302 Feet/Year

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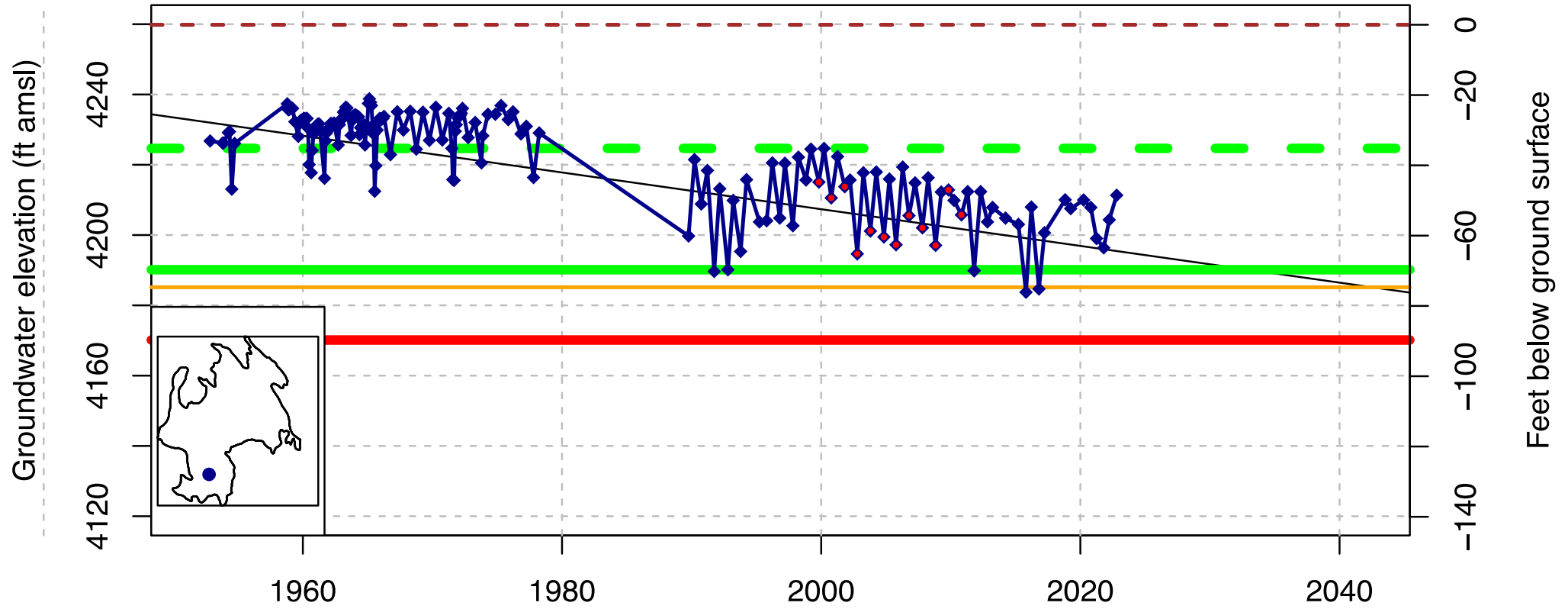
- - - Ground Surface (4260 ft amsl)
- Measurable Objective (Upper) (4238 ft amsl)
- Measurable Objective (Lower) (4222 ft amsl)
- Trigger - Soft Landing (4207 ft amsl)
- Minimum Threshold (4192 ft amsl)
- Linear Interpolation Intercept: 4221 ft amsl, Slope: -0.697 Feet/Year

DWR Stn_ID: ; well_code: 417927N1220812W001; well_name: 46N02W34B002M; well_swn: 46N02W34B002M



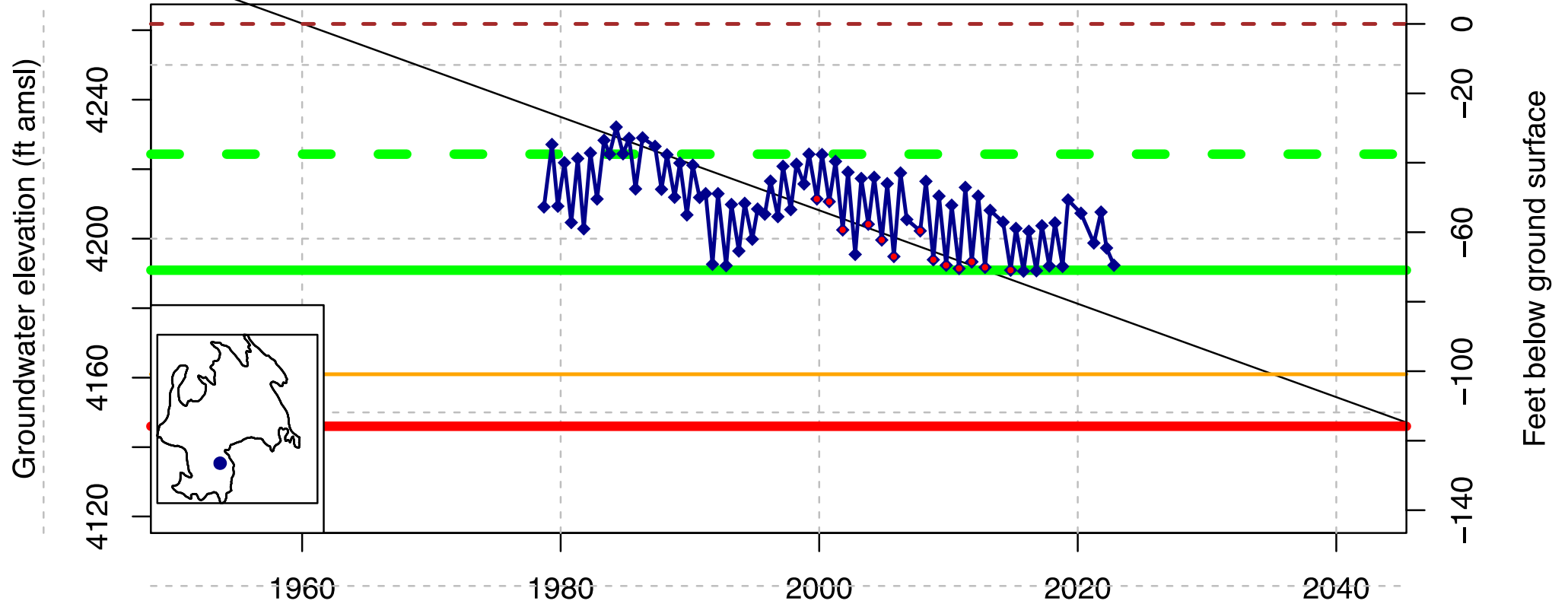
- - - Ground Surface (4304 ft amsl)
- Measurable Objective (Upper) (4240 ft amsl)
- Measurable Objective (Lower) (4227 ft amsl)
- Trigger - Soft Landing (4206 ft amsl)
- Minimum Threshold (4191 ft amsl)
- Linear Interpolation Intercept: 4228 ft amsl, Slope: -1.0788 Feet/Year

DWR Stn_ID: ; well_code: 417944N1220350W001; well_name: 46N02W25R002M; well_swn: 46N02W25R002M



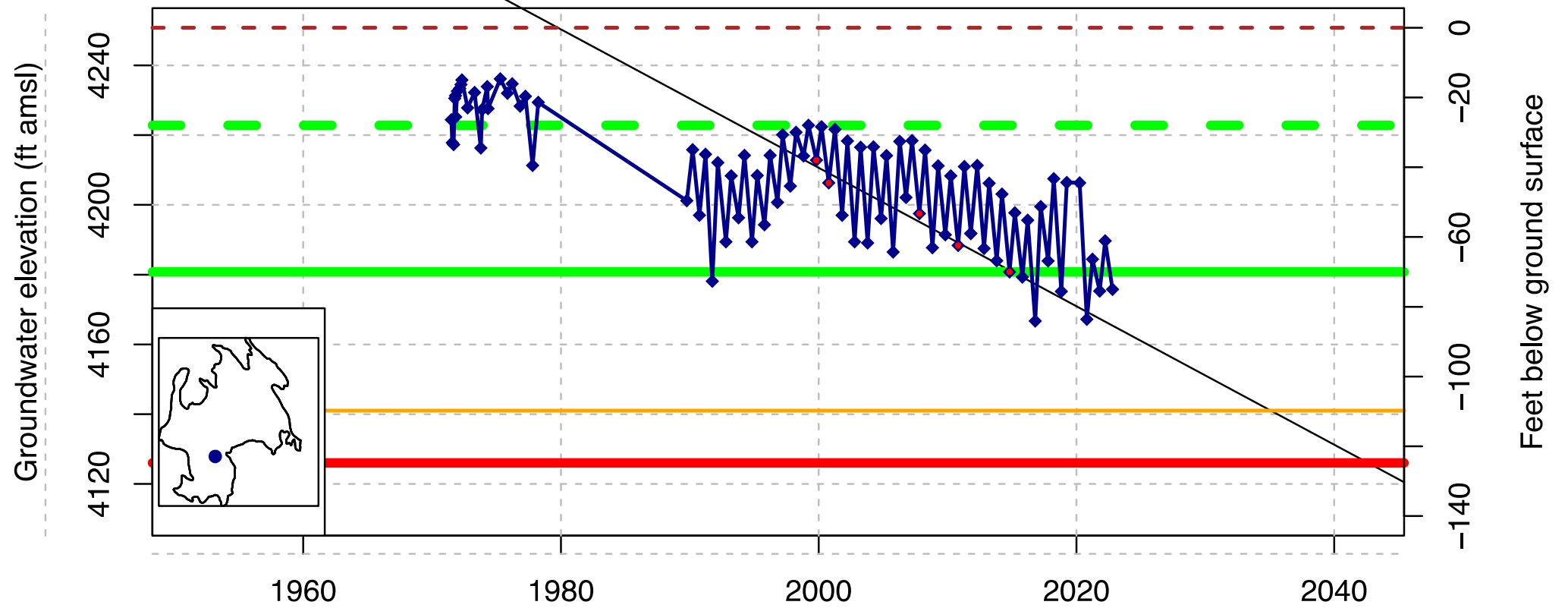
- - - Ground Surface (4260 ft amsl)
- Measurable Objective (Upper) (4225 ft amsl)
- Measurable Objective (Lower) (4190 ft amsl)
- Trigger – Soft Landing (4185 ft amsl)
- Minimum Threshold (4170 ft amsl)
- Linear Interpolation Intercept: 4200 ft amsl, Slope: -0.5218 Feet/Year

DWR Stn_ID: ; well_code: 418081N1220122W001; well_name: 46N01W20N001M; well_swn: 46N01W20N001M



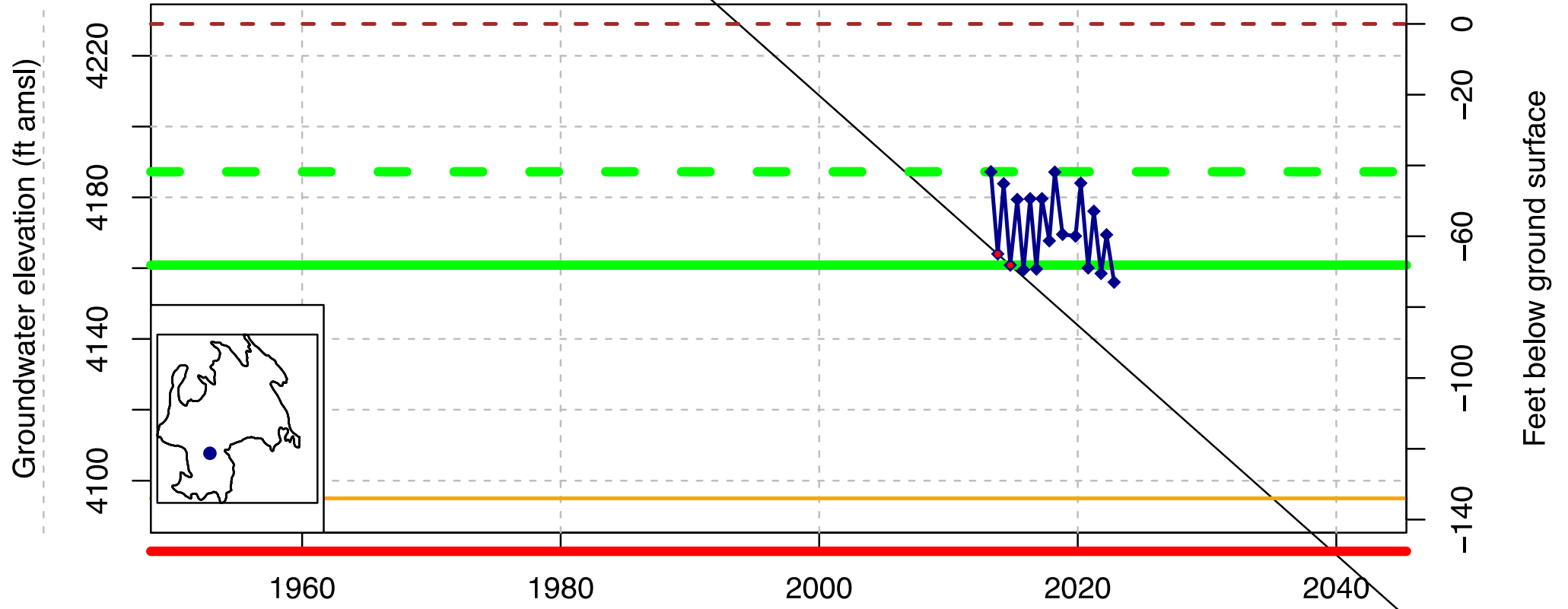
- - - Ground Surface (4262 ft amsl)
- Measurable Objective (Upper) (4224 ft amsl)
- Measurable Objective (Lower) (4191 ft amsl)
- Trigger – Soft Landing (4161 ft amsl)
- Minimum Threshold (4146 ft amsl)
- Linear Interpolation Intercept: 4188 ft amsl, Slope: -1.3438 Feet/Year

DWR Stn_ID: ; well_code: 418226N1220249W001; well_name: 46N01W18Q001M; well_swn: 46N01W18Q001M



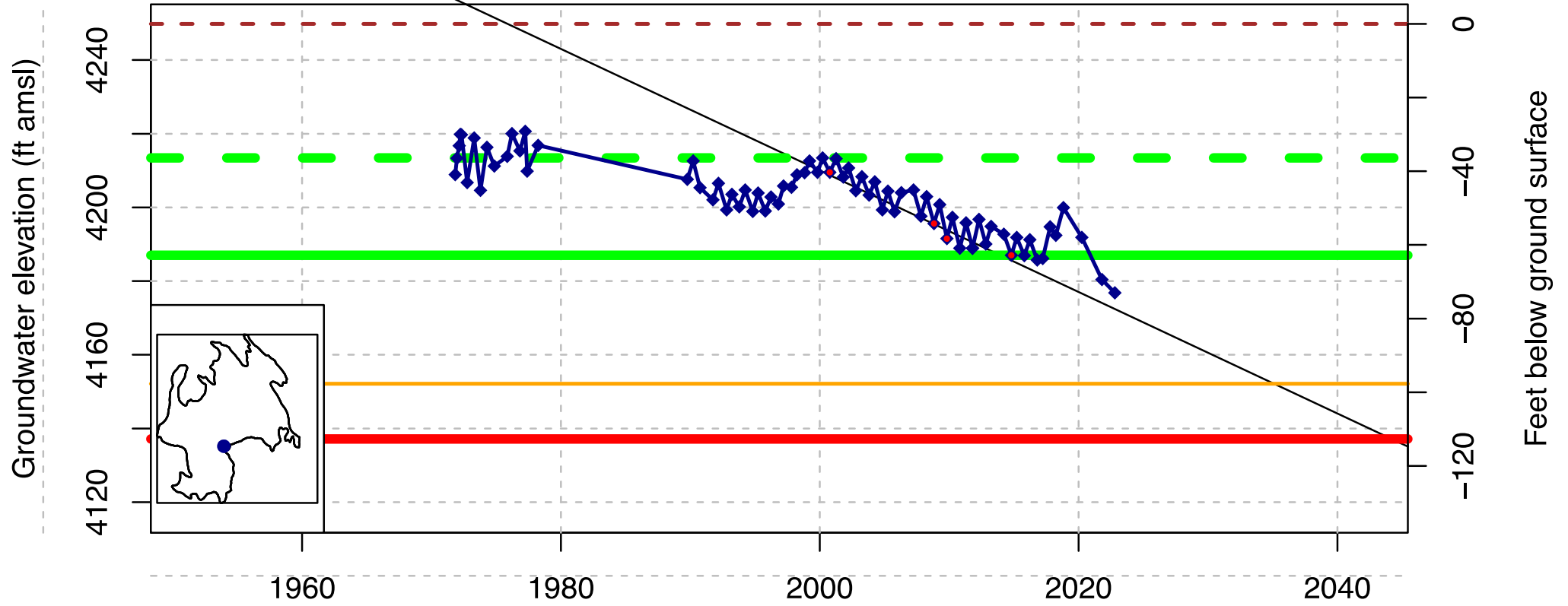
- - Ground Surface (4251 ft amsl)
- Measurable Objective (Upper) (4223 ft amsl)
- Measurable Objective (Lower) (4181 ft amsl)
- Trigger - Soft Landing (4141 ft amsl)
- Minimum Threshold (4126 ft amsl)
- Linear Interpolation Intercept: 4181 ft amsl, Slope: -1.9839 Feet/Year

DWR Stn_ID: ; well_code: 418225N1220333W001; well_name: BV03; well_swn: NA



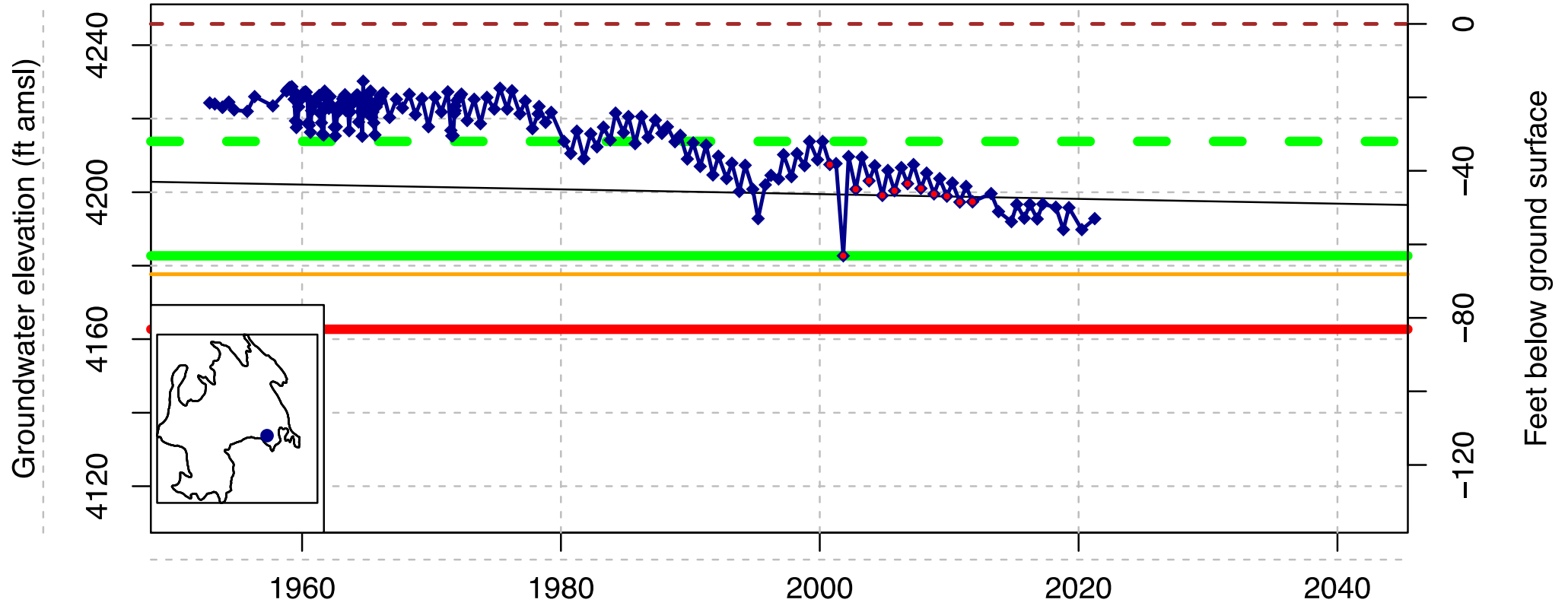
- - - Ground Surface (4229 ft amsl)
- █ Measurable Objective (Upper) (4187 ft amsl)
- █ Measurable Objective (Lower) (4161 ft amsl)
- Trigger – Soft Landing (4095 ft amsl)
- █ Minimum Threshold (4080 ft amsl)
- Linear Interpolation Intercept: 4161 ft amsl, Slope: -3.241 Feet/Year

* DWR Stn_ID: ; well_code: 418339N1220049W001; well_name: 46N01W17B001M; well_swn: 46N01W17B001M



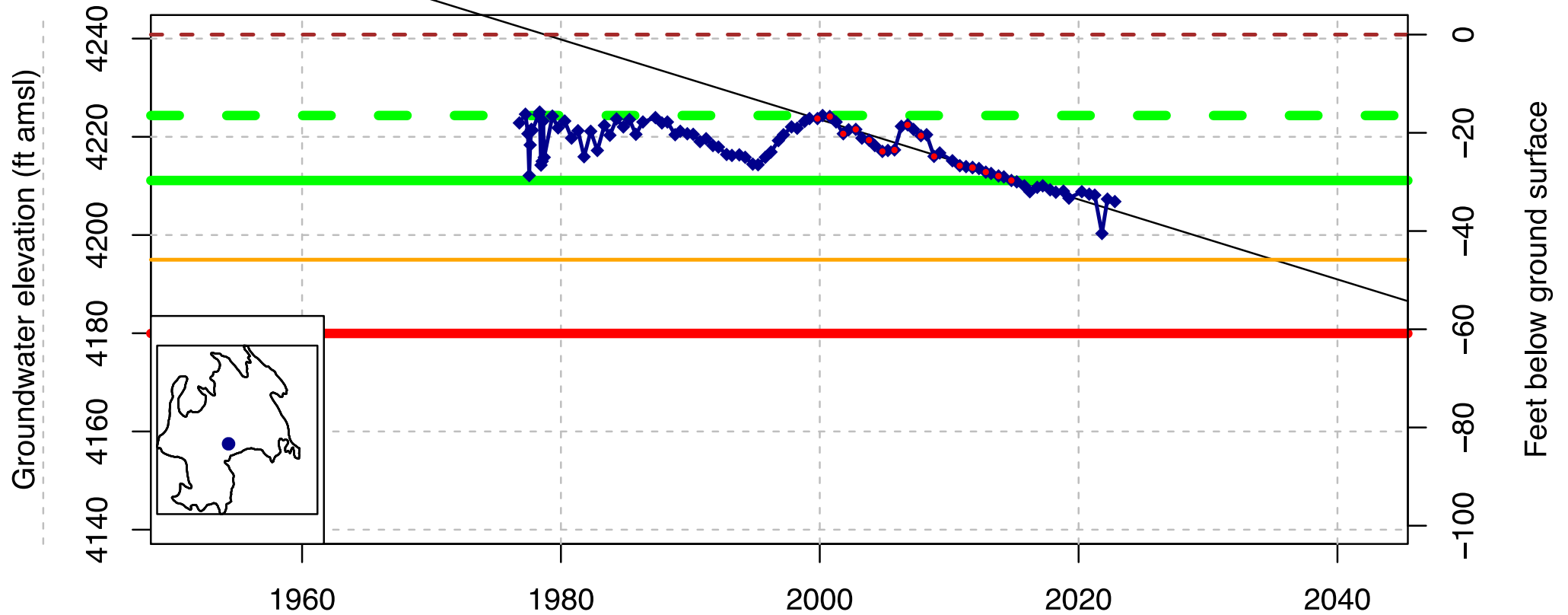
- - Ground Surface (4250 ft amsl)
- Measurable Objective (Upper) (4213 ft amsl)
- Measurable Objective (Lower) (4187 ft amsl)
- Trigger – Soft Landing (4152 ft amsl)
- Minimum Threshold (4137 ft amsl)
- Linear Interpolation Intercept: 4186 ft amsl, Slope: -1.6493 Feet/Year

*DWR Stn_ID: ; well_code: 418512N1219183W001; well_name: 46N01E06N001M; well_swn: 46N01E06N001M



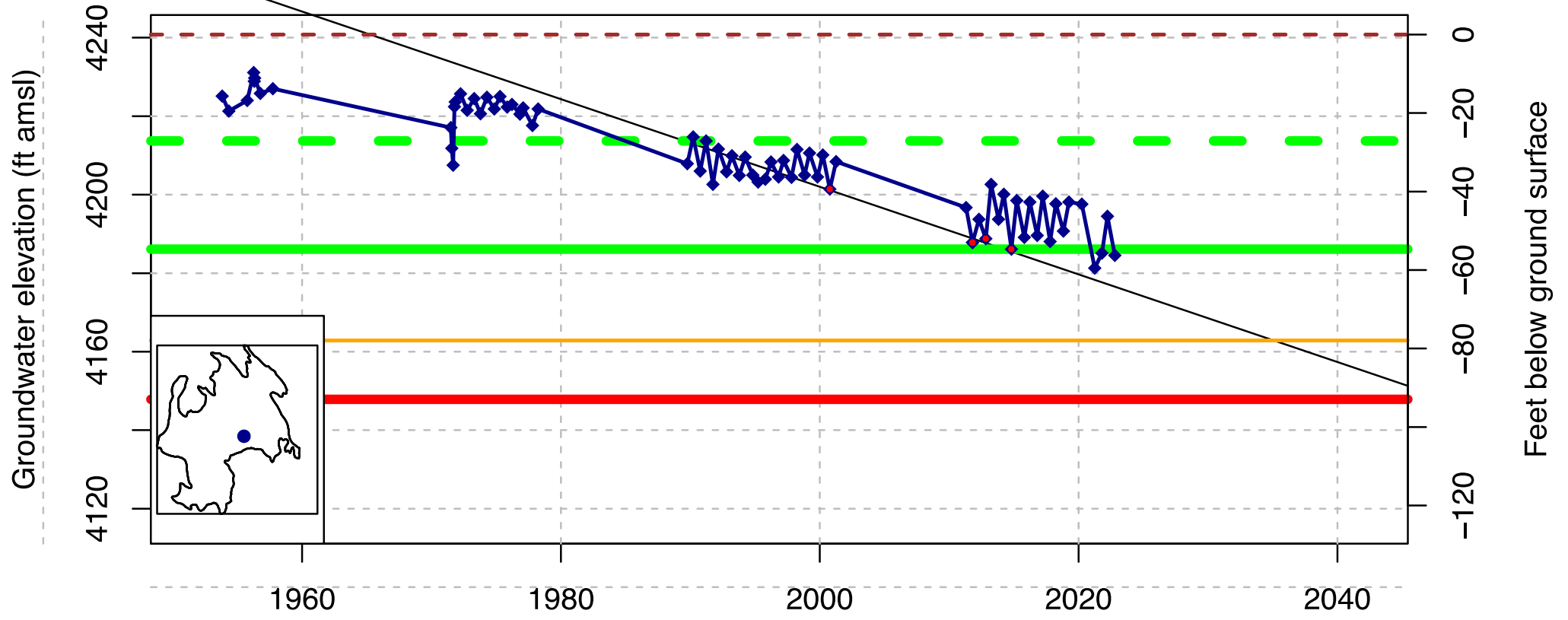
- - - Ground Surface (4246 ft amsl)
- Measurable Objective (Upper) (4214 ft amsl)
- Measurable Objective (Lower) (4183 ft amsl)
- Trigger – Soft Landing (4178 ft amsl)
- Minimum Threshold (4163 ft amsl)
- Linear Interpolation Intercept: 4198 ft amsl, Slope: -0.065 Feet/Year

DWR Stn_ID: ; well_code: 418544N1219958W001; well_name: 46N01W04N002M; well_swn: 46N01W04N002M



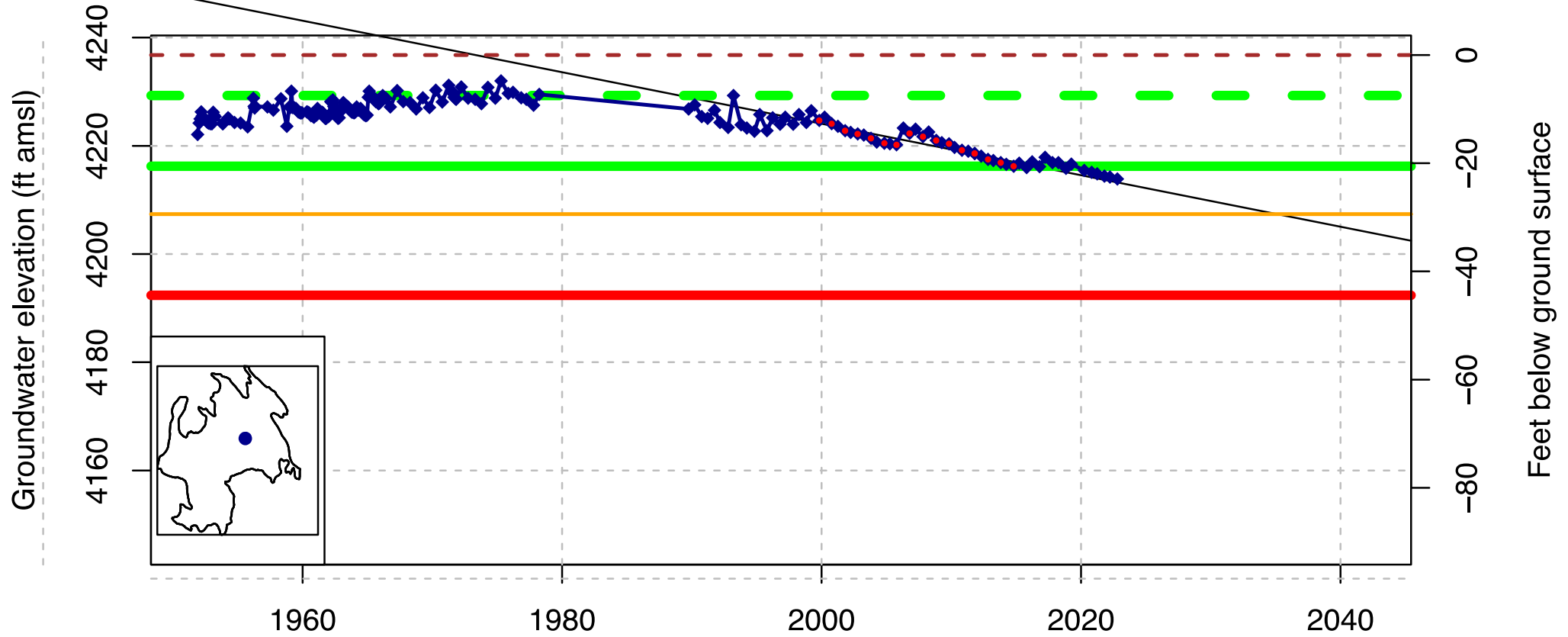
- - - Ground Surface (4241 ft amsl)
- Measurable Objective (Upper) (4224 ft amsl)
- Measurable Objective (Lower) (4211 ft amsl)
- Trigger – Soft Landing (4195 ft amsl)
- Minimum Threshold (4180 ft amsl)
- Linear Interpolation Intercept: 4211 ft amsl, Slope: -0.814 Feet/Year

* DWR Stn_ID: ; well_code: 418661N1219587W001; well_name: 47N01W34Q001M; well_swn: 47N01W34Q001M



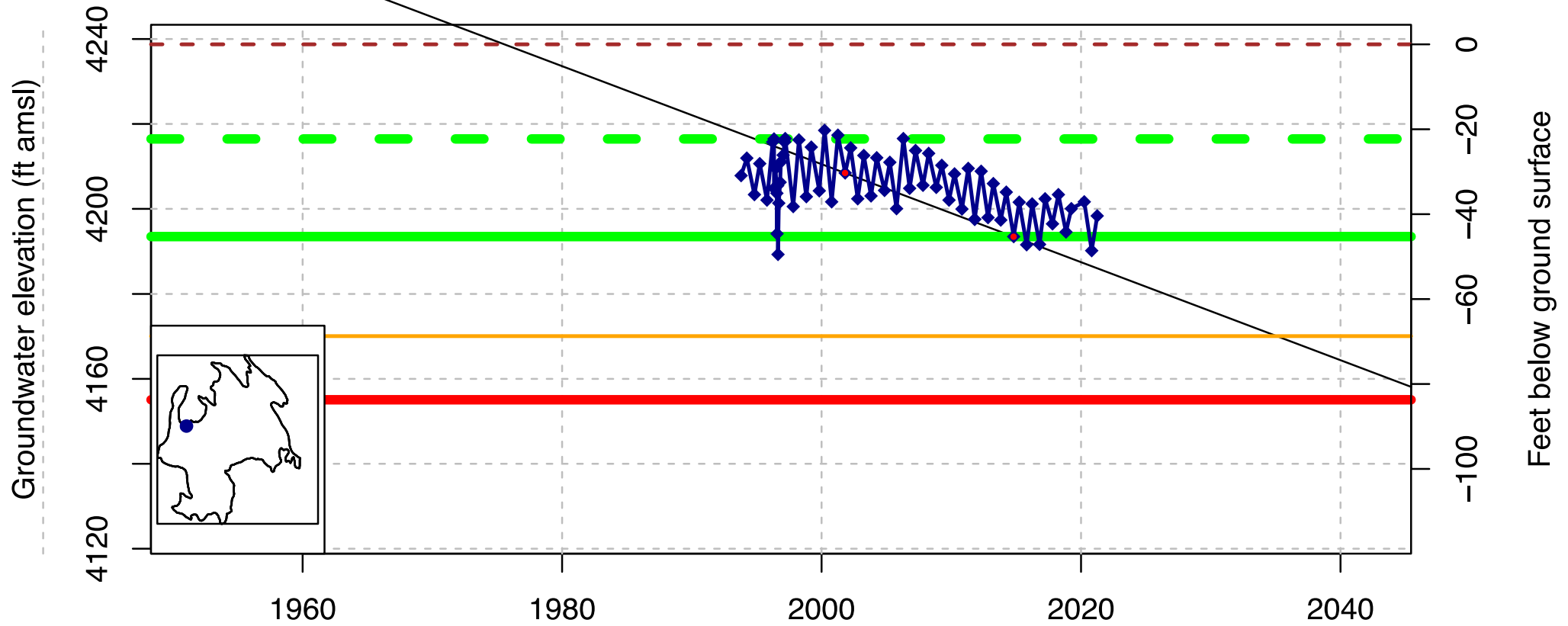
- - - Ground Surface (4241 ft amsl)
- Measurable Objective (Upper) (4214 ft amsl)
- Measurable Objective (Lower) (4186 ft amsl)
- Trigger – Soft Landing (4163 ft amsl)
- Minimum Threshold (4148 ft amsl)
- Linear Interpolation Intercept: 4185 ft amsl, Slope: -1.1154 Feet/Year

DWR Stn_ID: ; well_code: 418944N1219643W001; well_name: 47N01W27B001M; well_swn: 47N01W27B001M



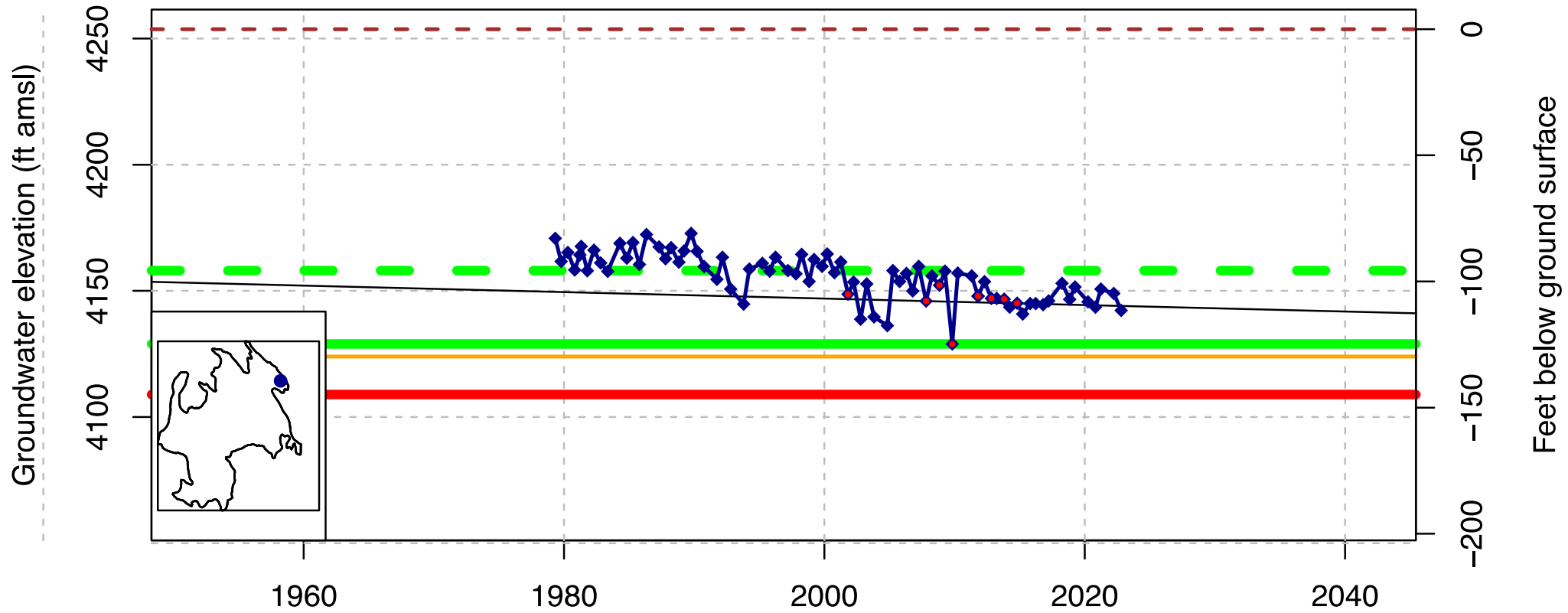
- - Ground Surface (4237 ft amsl)
- Measurable Objective (Upper) (4229 ft amsl)
- Measurable Objective (Lower) (4216 ft amsl)
- Trigger - Soft Landing (4207 ft amsl)
- Minimum Threshold (4192 ft amsl)
- Linear Interpolation Intercept: 4217 ft amsl, Slope: -0.4757 Feet/Year

*DWR Stn_ID: ; well_code: 418948N1220832W001; well_name: 47N02W27C001M; well_swn: 47N02W27C001M



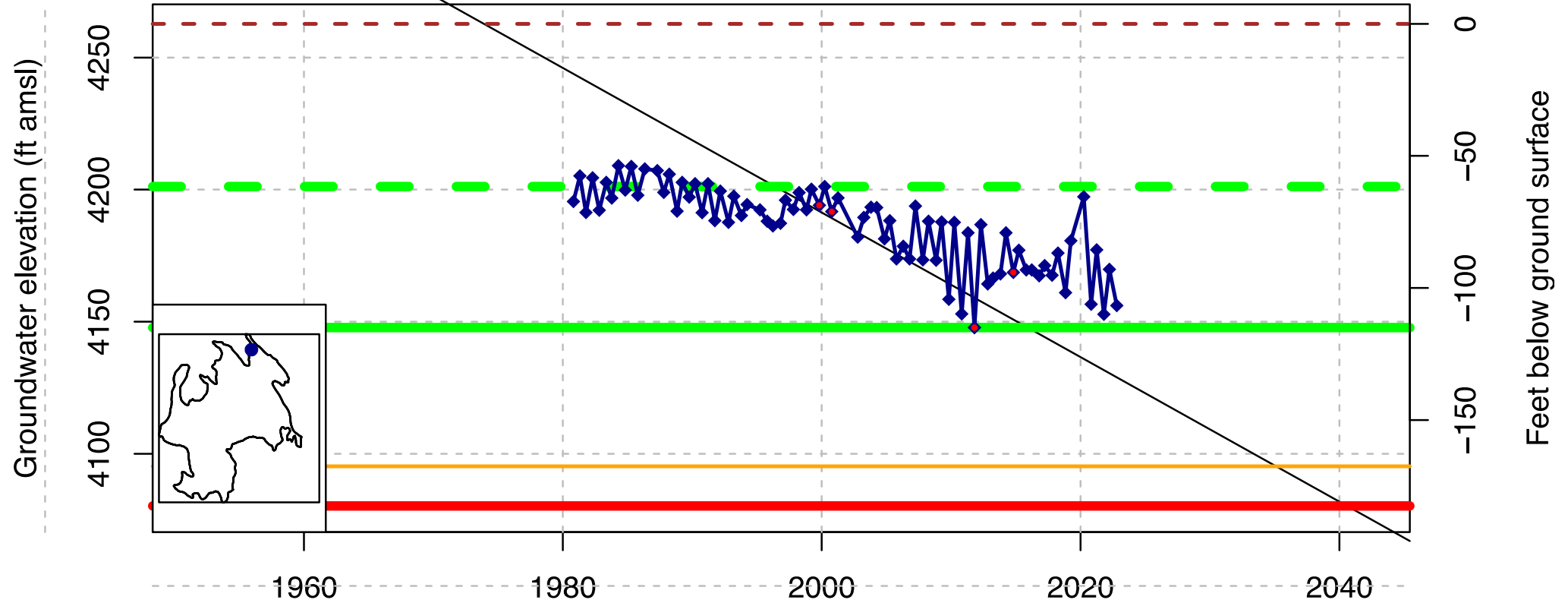
- - - Ground Surface (4239 ft amsl)
- Measurable Objective (Upper) (4216 ft amsl)
- Measurable Objective (Lower) (4193 ft amsl)
- Trigger - Soft Landing (4170 ft amsl)
- Minimum Threshold (4155 ft amsl)
- Linear Interpolation Intercept: 4193 ft amsl, Slope: -1.1538 Feet/Year

DWR Stn_ID: ; well_code: 419451N1218967W001; well_name: 47N01E05E001M; well_swn: 47N01E05E001M



- - - Ground Surface (4254 ft amsl)
- Measurable Objective (Upper) (4158 ft amsl)
- Measurable Objective (Lower) (4129 ft amsl)
- Trigger - Soft Landing (4124 ft amsl)
- Minimum Threshold (4109 ft amsl)
- Linear Interpolation Intercept: 4145 ft amsl, Slope: -0.128 Feet/Year

DWR Stn_ID: ; well_code: 419803N1219570W001; well_name: 48N01W26E001M; well_swn: 48N01W26E001M



- - - Ground Surface (4263 ft amsl)
- Measurable Objective (Upper) (4201 ft amsl)
- Measurable Objective (Lower) (4148 ft amsl)
- Trigger – Soft Landing (4095 ft amsl)
- Minimum Threshold (4080 ft amsl)
- Linear Interpolation Intercept: 4151 ft amsl, Slope: -2.7366 Feet/Year



Thank You