Solid Waste Borehole Maximum Temperature Profiles Over 6 Weeks for 4/10/2025 to 5/21/2025



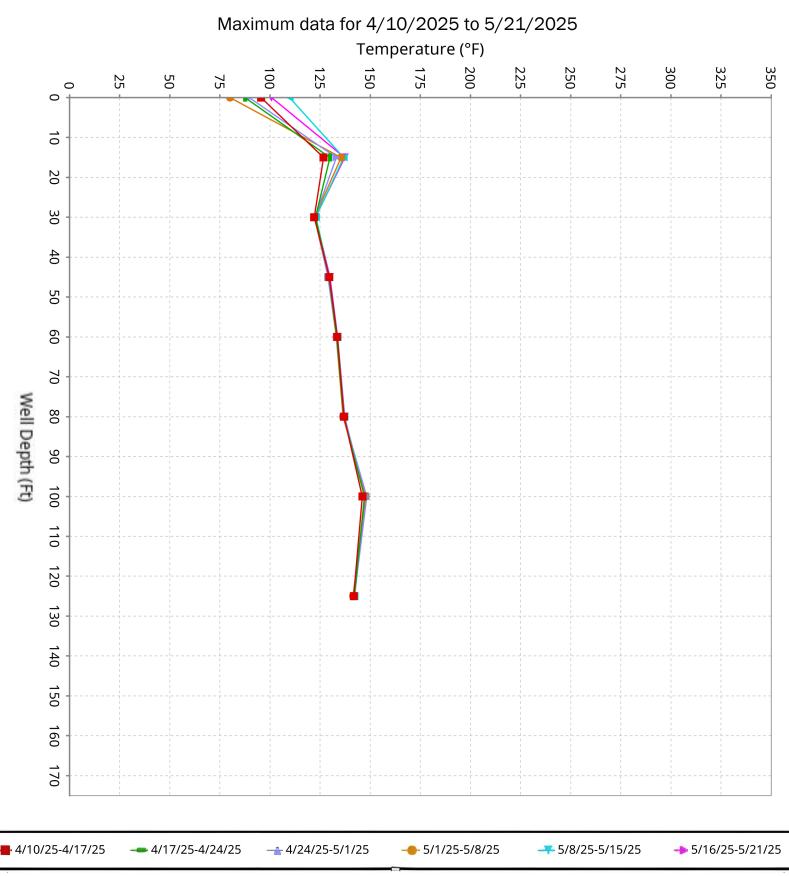
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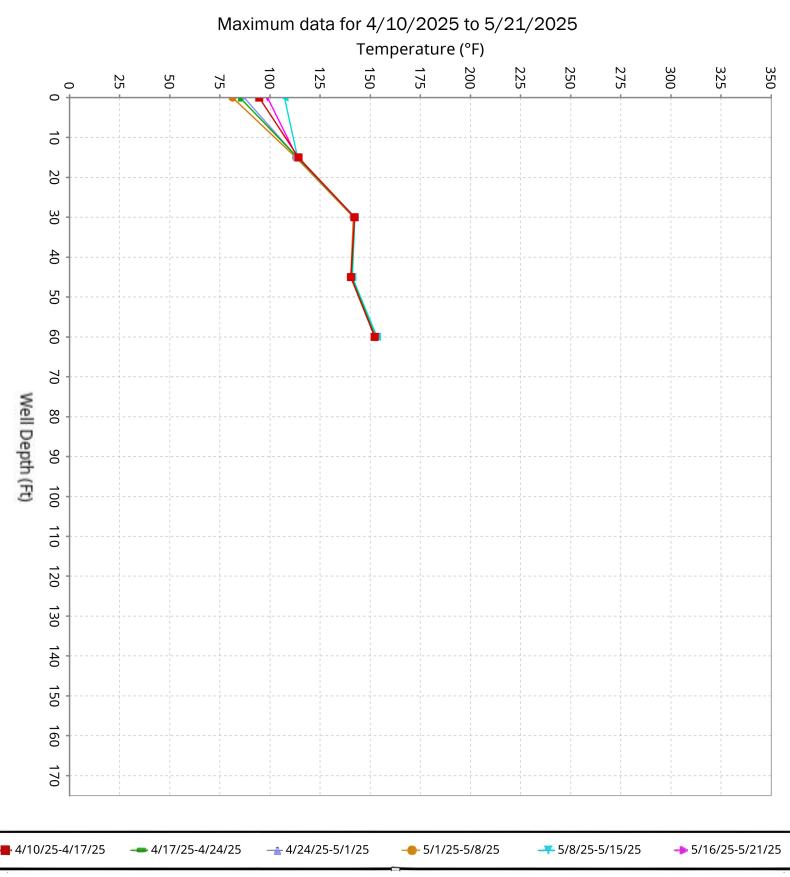
274 Granite Run Drive Lancaster, PA 17601 717-550-6330 From May 15, 2025, through May 21, 2025, there was one recorded temperature increase, and four temperature decreases that triggered the notification limits set forth in the LEA's October 4, 2024 letter.

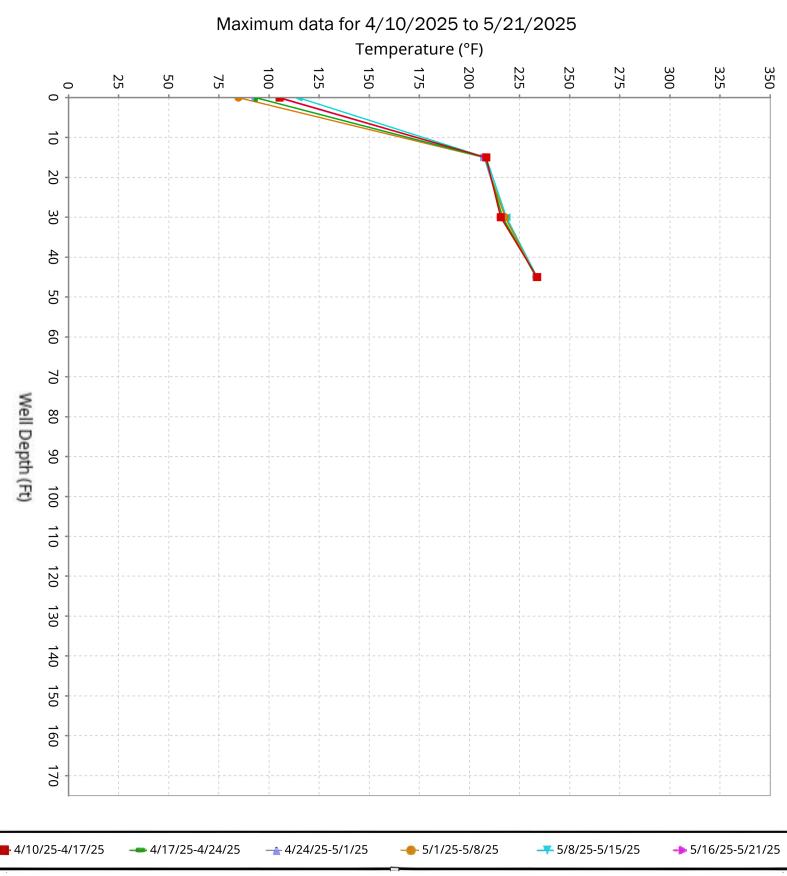
Additionally, as of April 4, 2025, twelve new TMPs (TMP-21, TMP-24, TMP-25, TMP-26, TMP-27, TMP-28, TMP-29, TMP-30, TMP-31, TMP-32, TMP-34, and TMP-35) have been installed and are online. None of these twelve new TMPs indicate reaction temperatures occurring outside of the currently delineated data-driven reaction area boundary, and the four TMPs that were able to be drilled to within 25 feet of the liner (TMP-24, TMP-27, TMP-31, and TMP-32) show significantly cooler temperatures at the deepest thermocouple, as expected due to the cooling from the underlying earth.

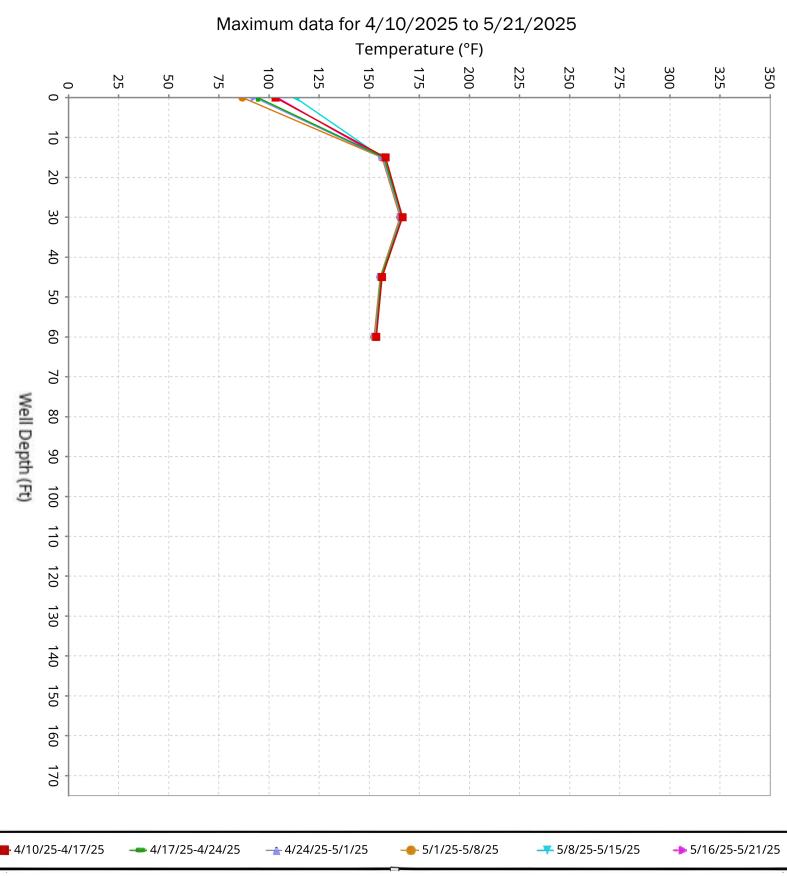
Chiquita provides the following updates:

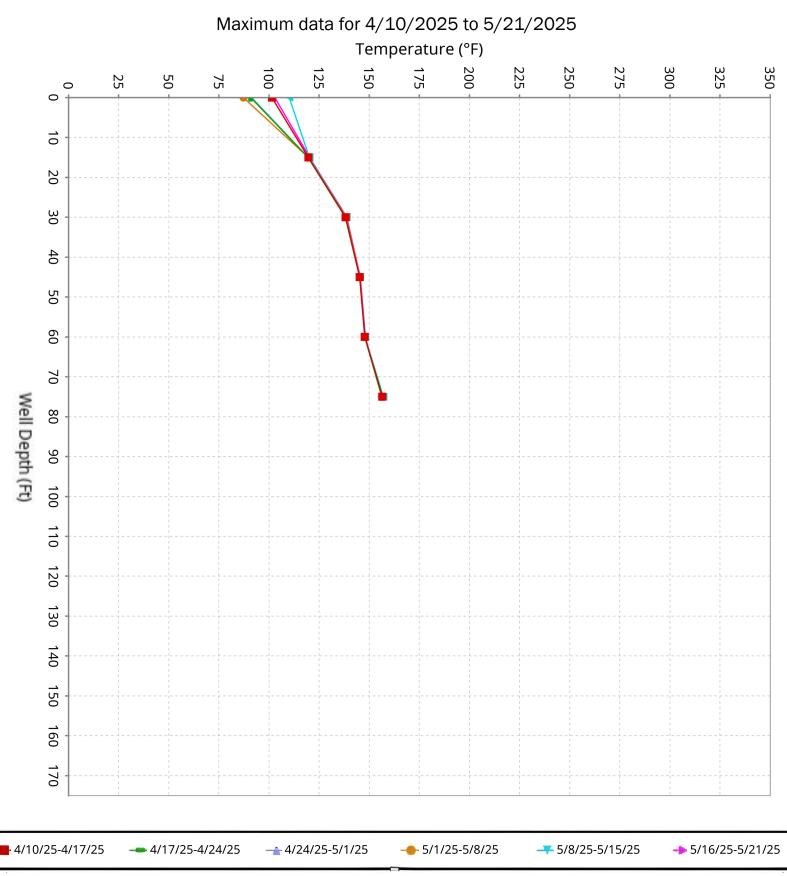
- TP-06
 - As stated in previous reports, during field investigation of TP-06, the thermocouples were evaluated and found to have had errors and failures since being brought back online from filling operations. Any temperature readings from the date that the thermocouples were brought back online were likely erroneous and any decreases or increases in temperatures were in error. The failed sensors were replaced and re-wired on April 4th. The maximum recorded temperature at TP-06 since the replacement and re-wiring remains 138°F. In addition, after a below grade evaluation of TP-06, the 2-inch casing was found to be bent which was causing the 100-foot thermocouple to no longer read temperatures. On April 23rd a new thermocouple was attempted to be installed but could not be advanced beyond 20 feet due to issues causing thermocouple not being able to be removed or re-installed beyond repairable depth. On April 29th field crews were able to reinsert the 100-foot thermocouple by removing all thermocouples and re-installing them together. The maximum recorded temperature for this reporting period was 133°F. Note that the vertical temperature profile for TP-06 will be corrected in future weeks when we have multiple weeks of correct data and no past data issues that throw off previous weeks' graphs.
- TP-09
 - As stated in previous weeks' reports, prior weeks of readings at TP-09 showed no variability and upon field investigation, the battery for TP-09 was found to have failed likely due to poor cell network connection rapidly draining the battery. A new battery has been ordered and is expected to arrive by June 6th. It will be re-installed as soon as reasonably possible.
- TP-11
 - The 125-foot thermocouple showed a decrease in maximum temperature of 11°F from 174°F to 163°F from May 12th to May 17th
- TP-13
 - The 30-foot thermocouple showed a decrease in maximum temperature of 10°F from 155°F to 145°F from May 14th to May 21st.
- TP-14
 - o The 15-foot thermocouple remained consistent with previous recorded temperatures.
- TP-21
 - The 60-foot thermocouple showed an increase in maximum temperature of 11°F from 189°F to 200°F from May 15th to May 16th
 - The 95-foot thermocouple showed a decrease in maximum temperature of 12°F from 222°F to 210°F from May 12th to May 17th
 - The 110-foot thermocouple showed a decrease in maximum temperature of 39°F from 251°F to 212°F from May 14th to May 21st.
- TP-34
 - o The 120-foot thermocouple remained consistent with previous recorded temperatures.



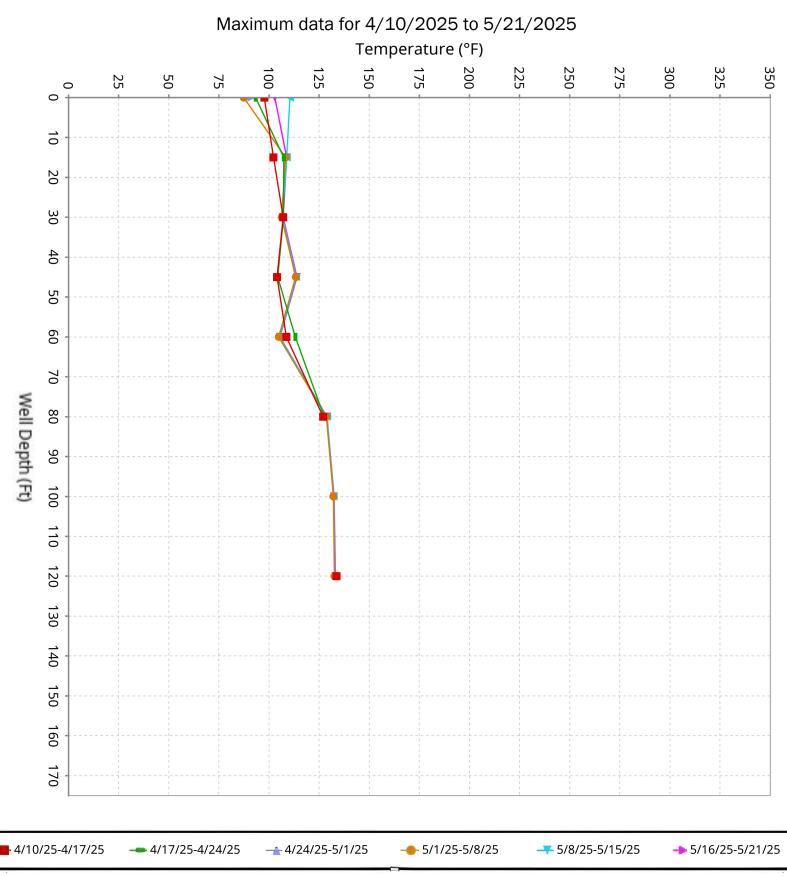


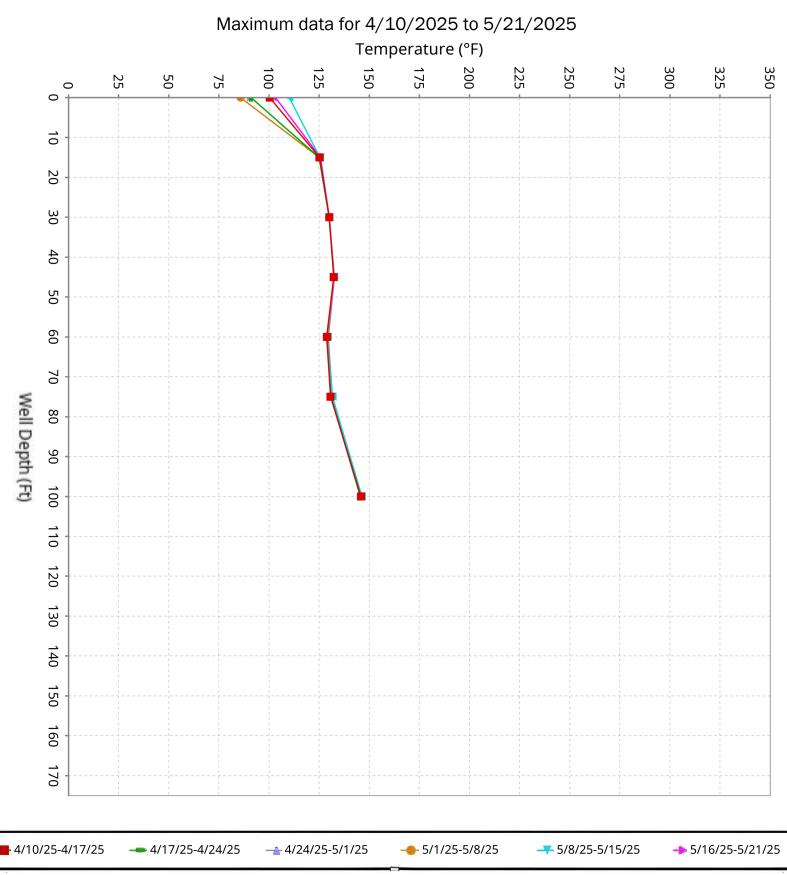


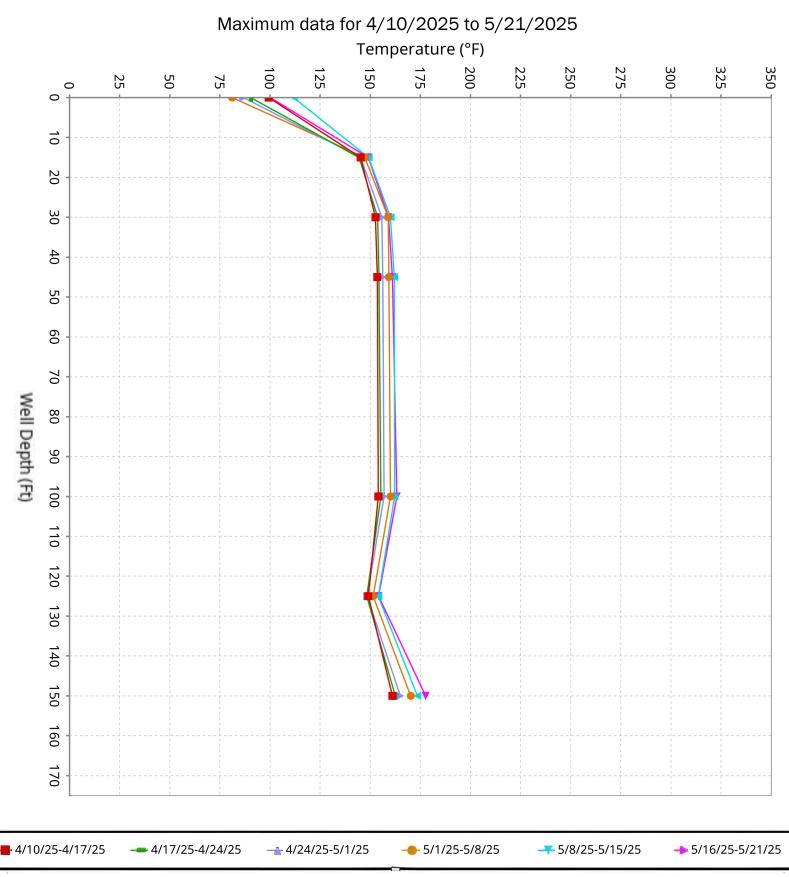


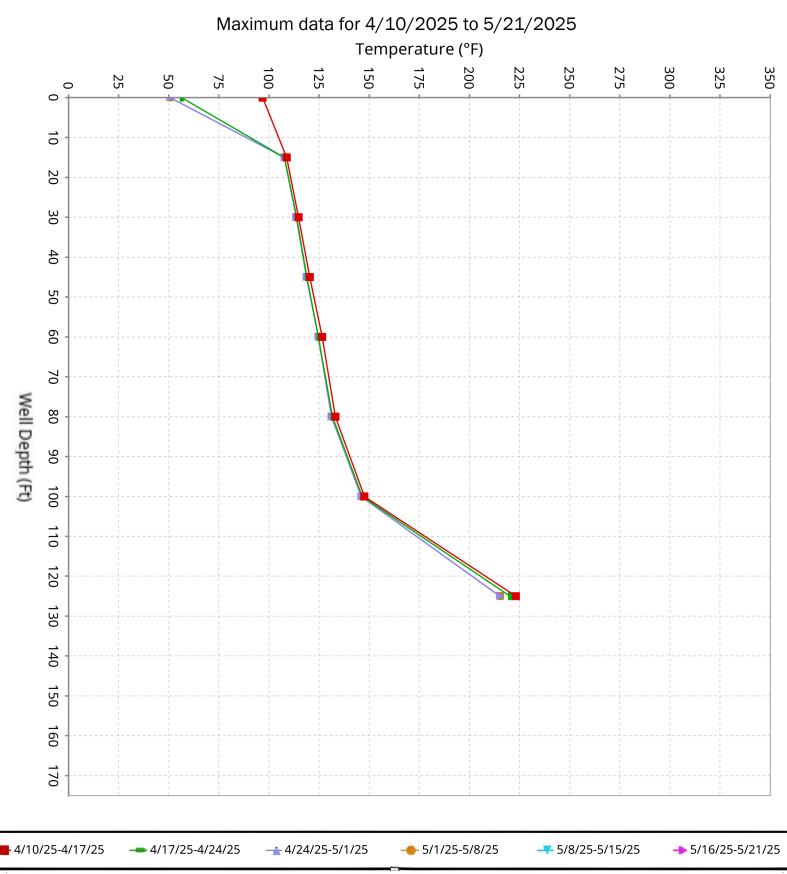


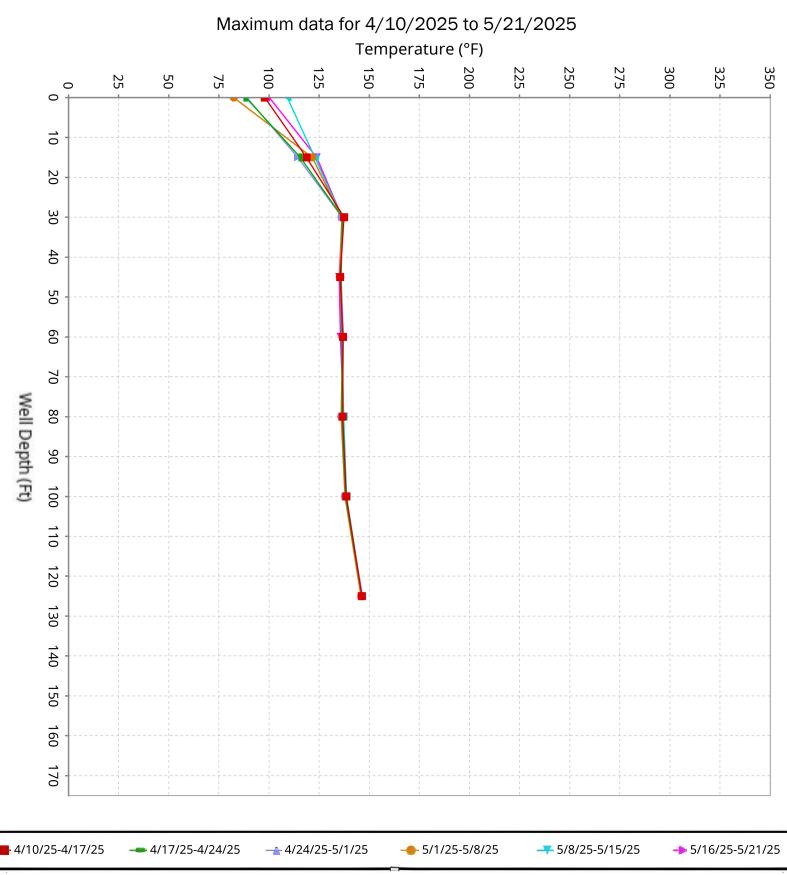


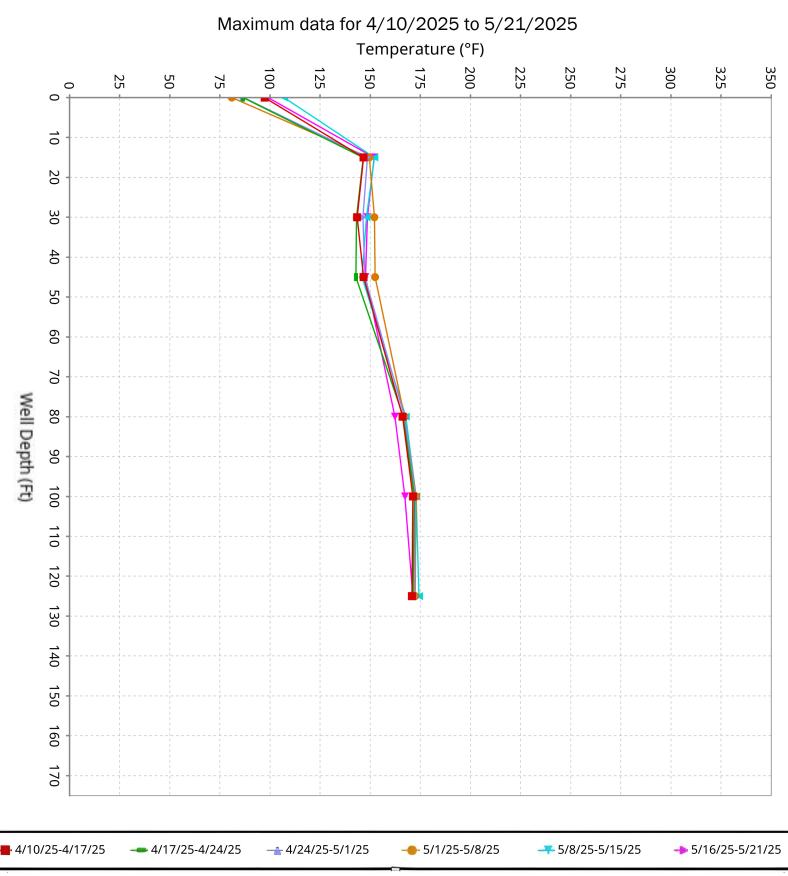


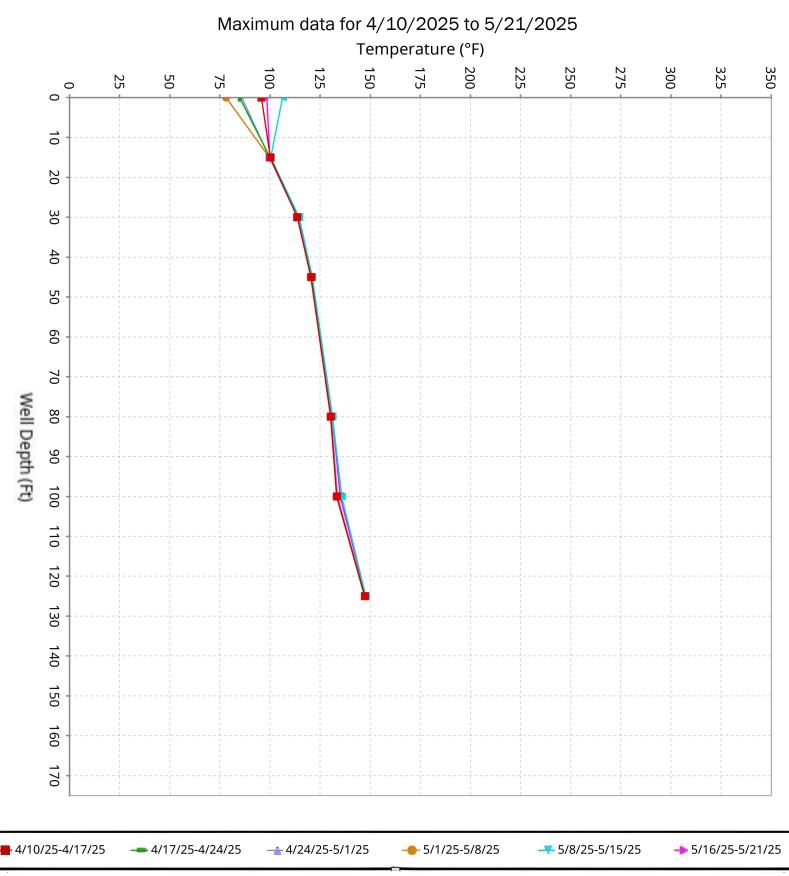


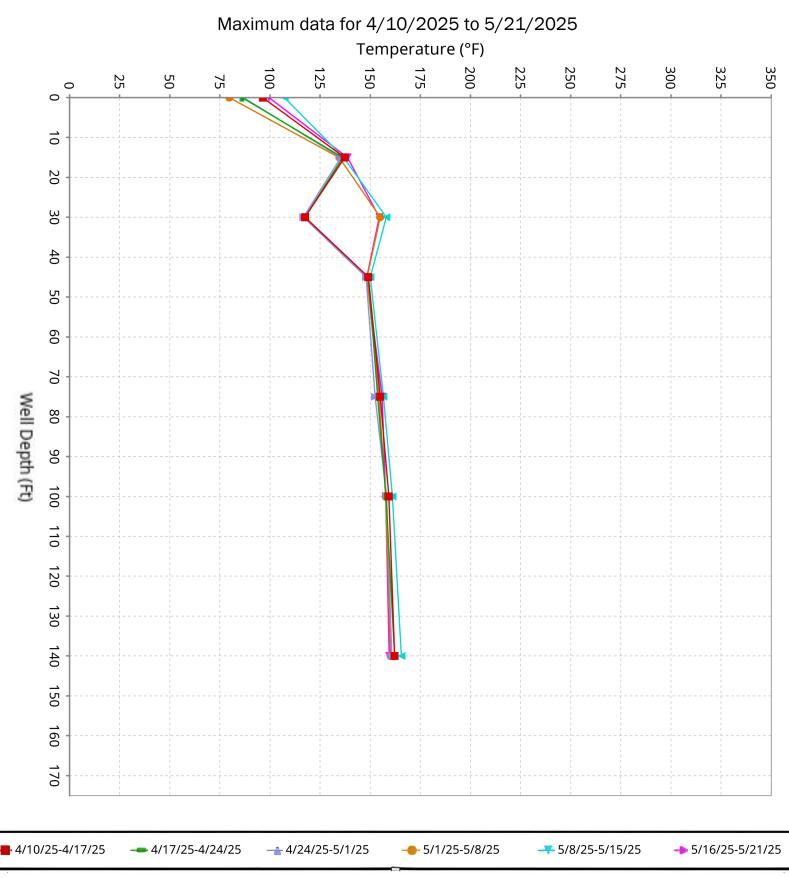


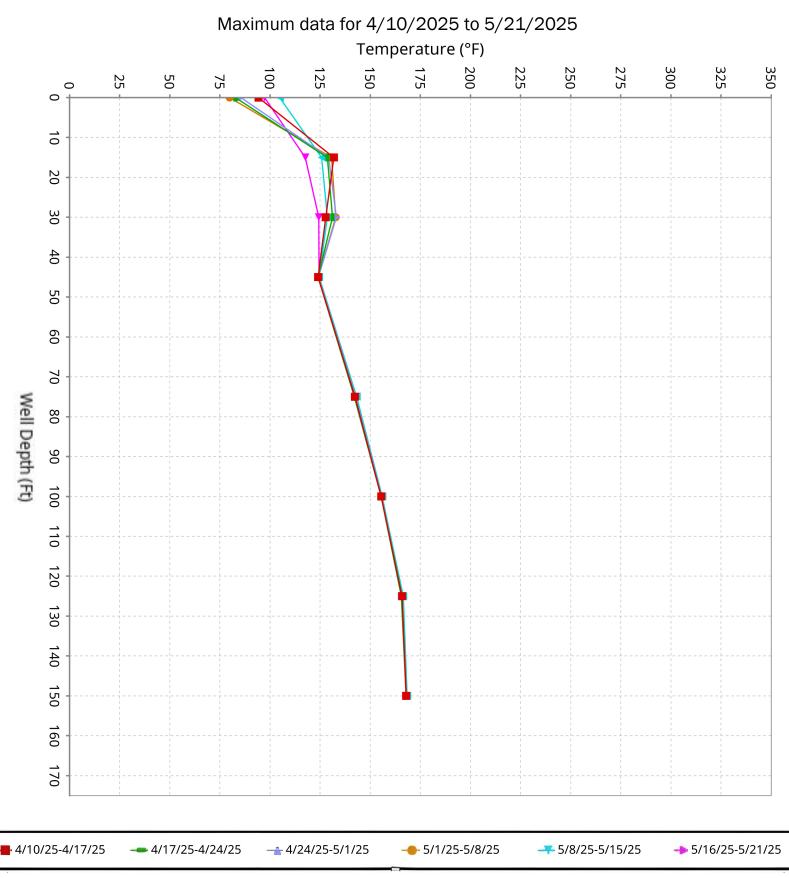


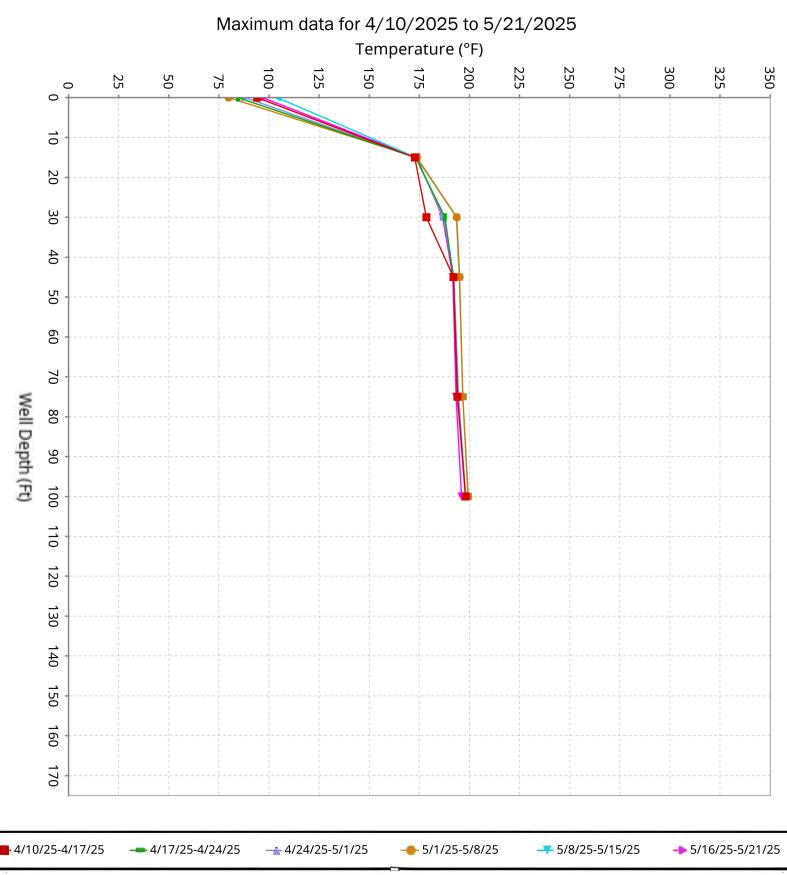


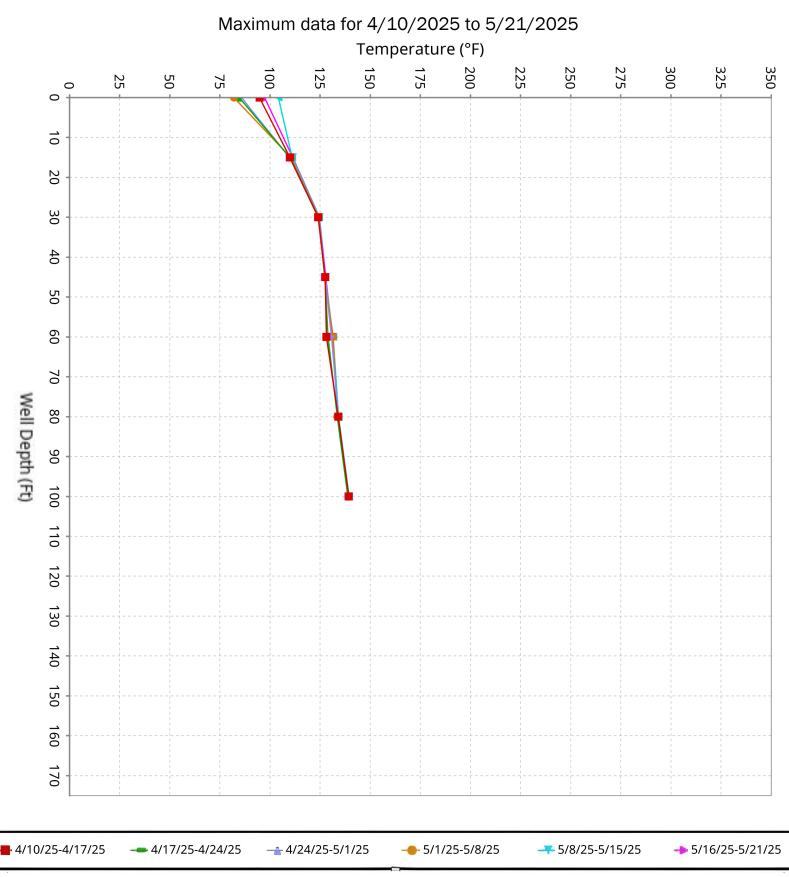


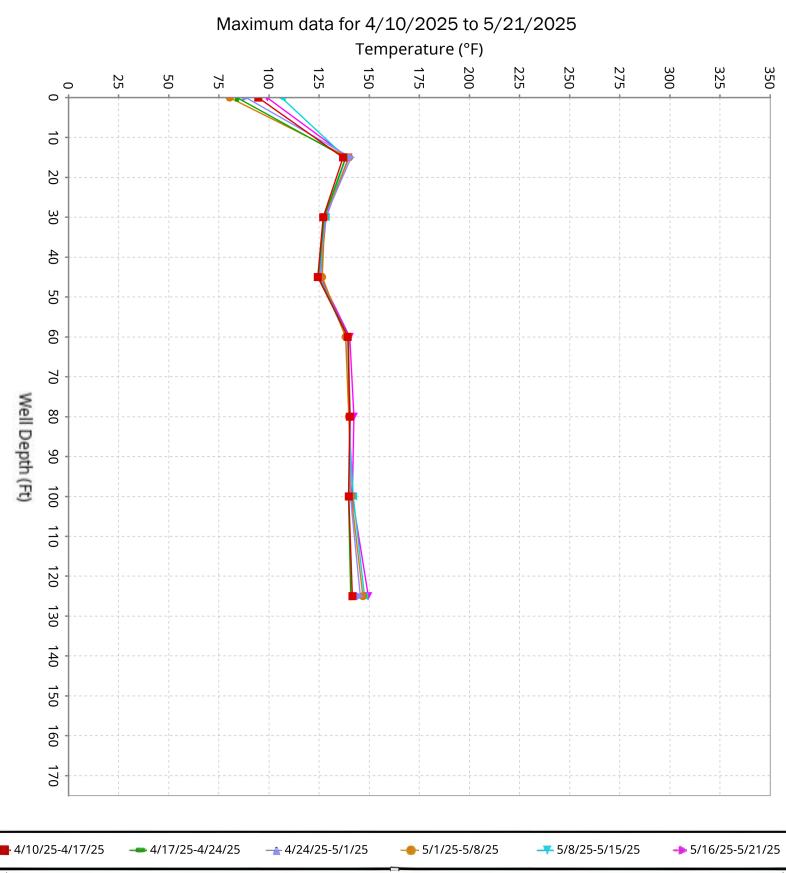


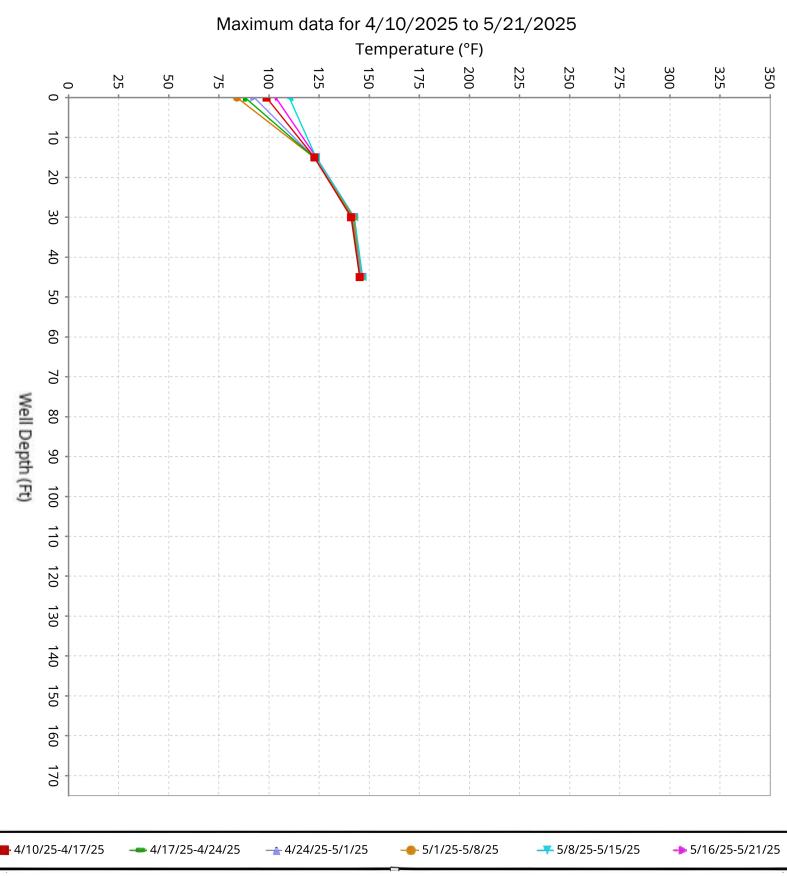


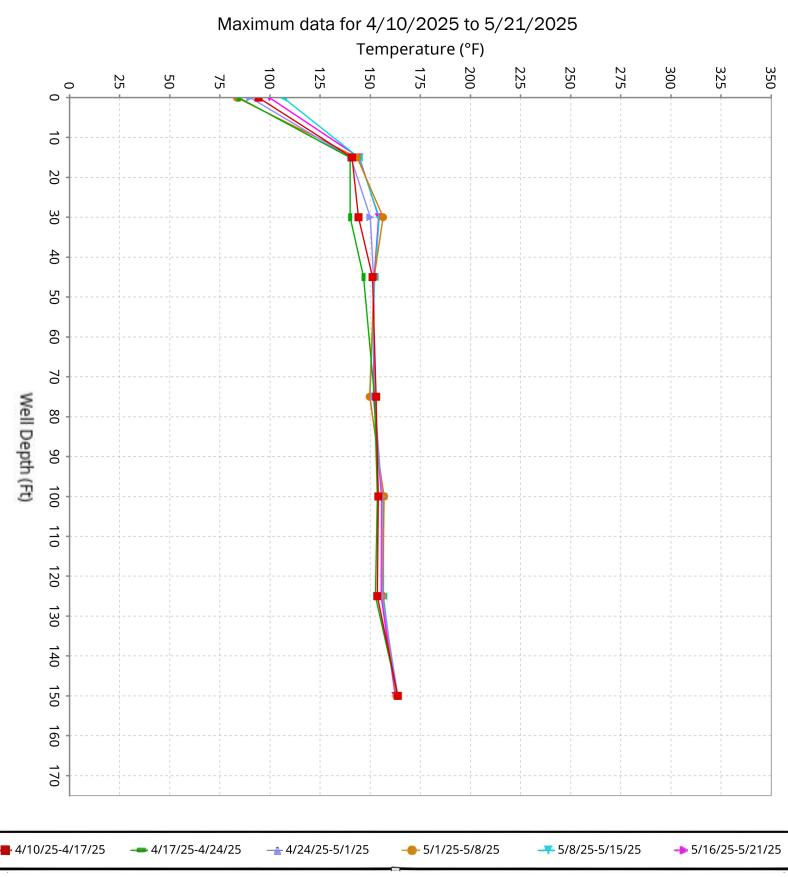


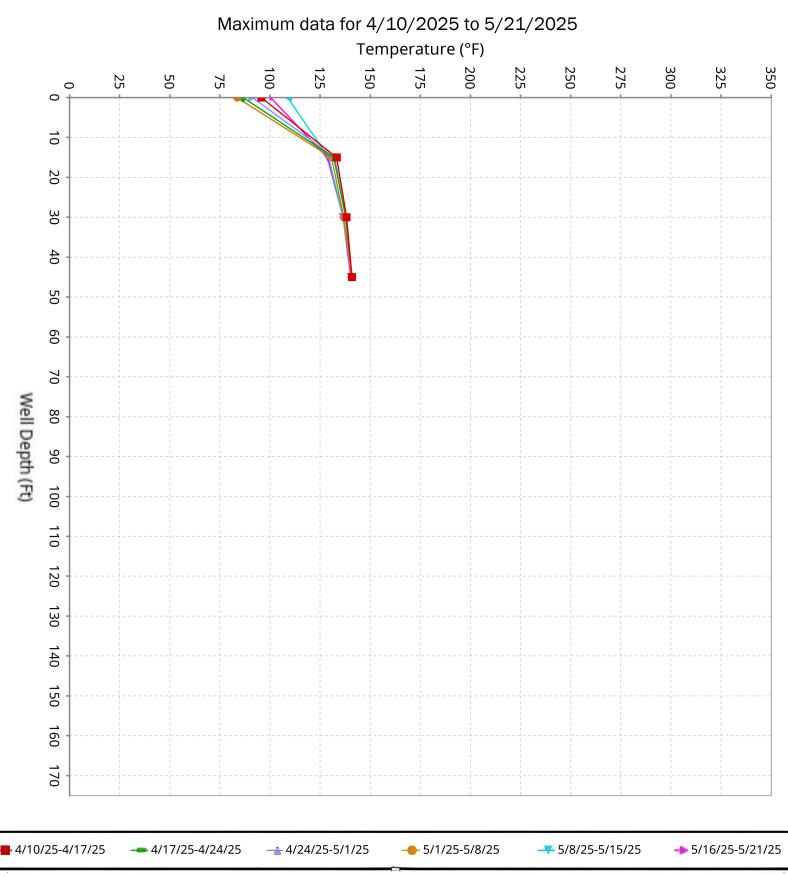


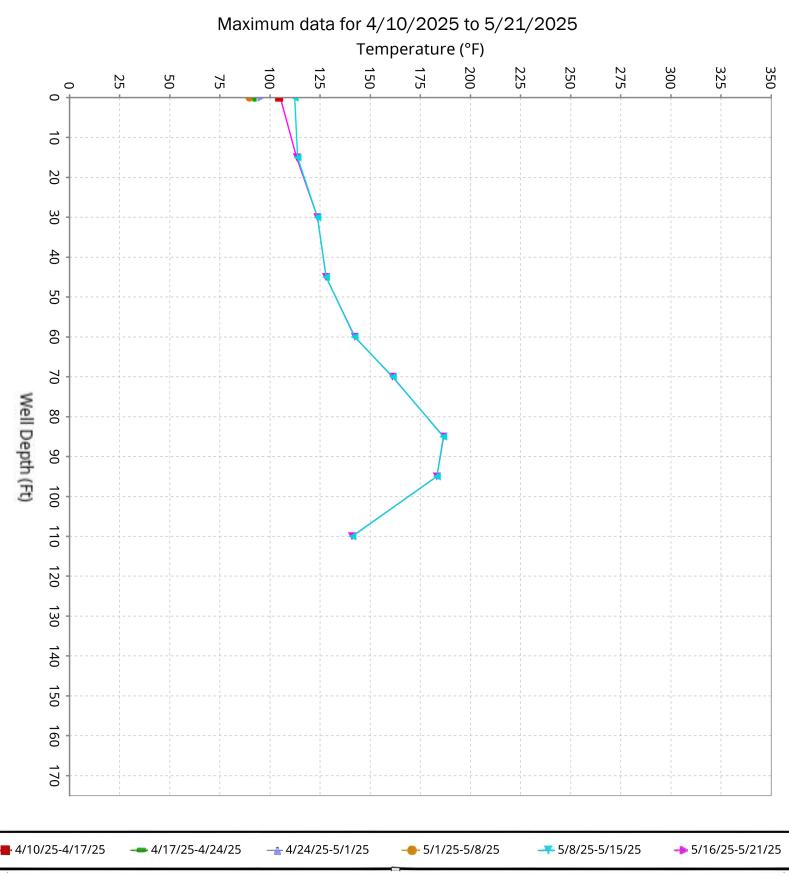


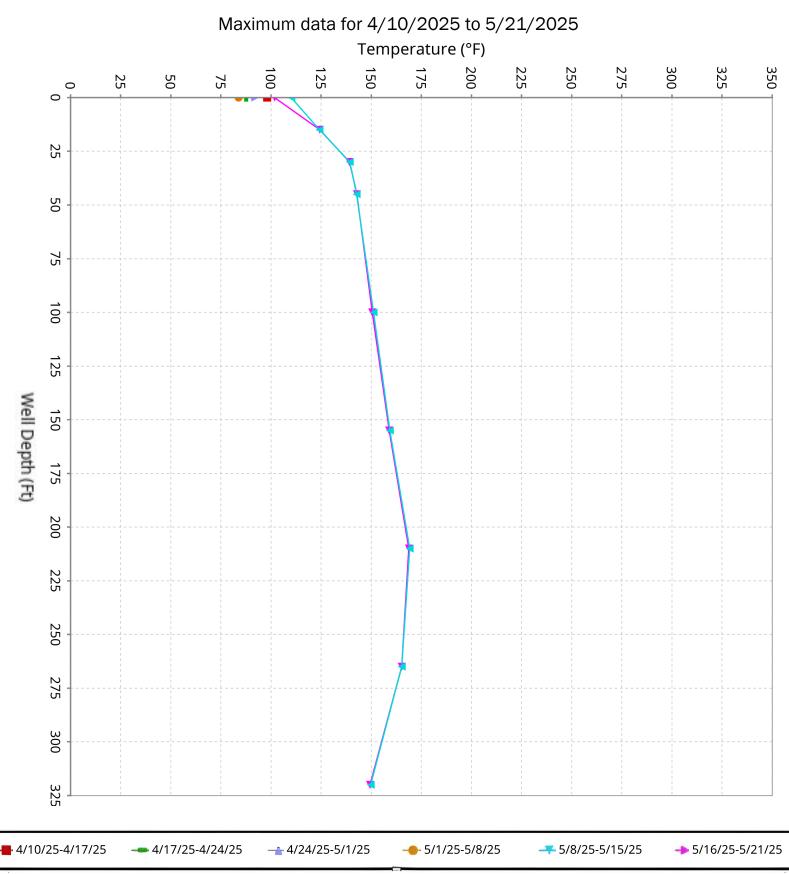


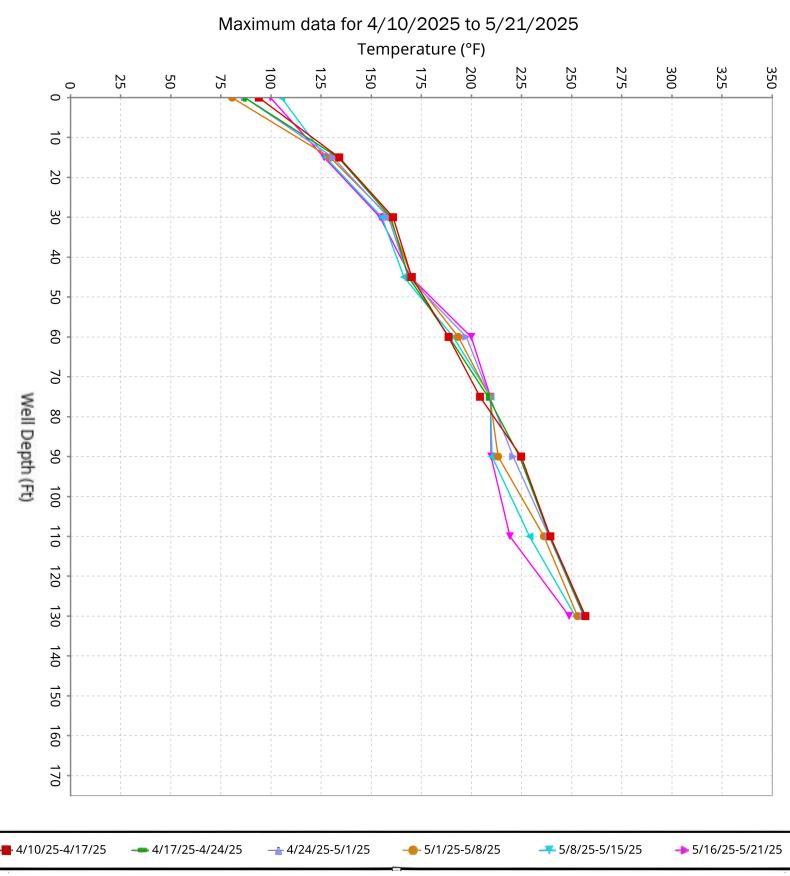


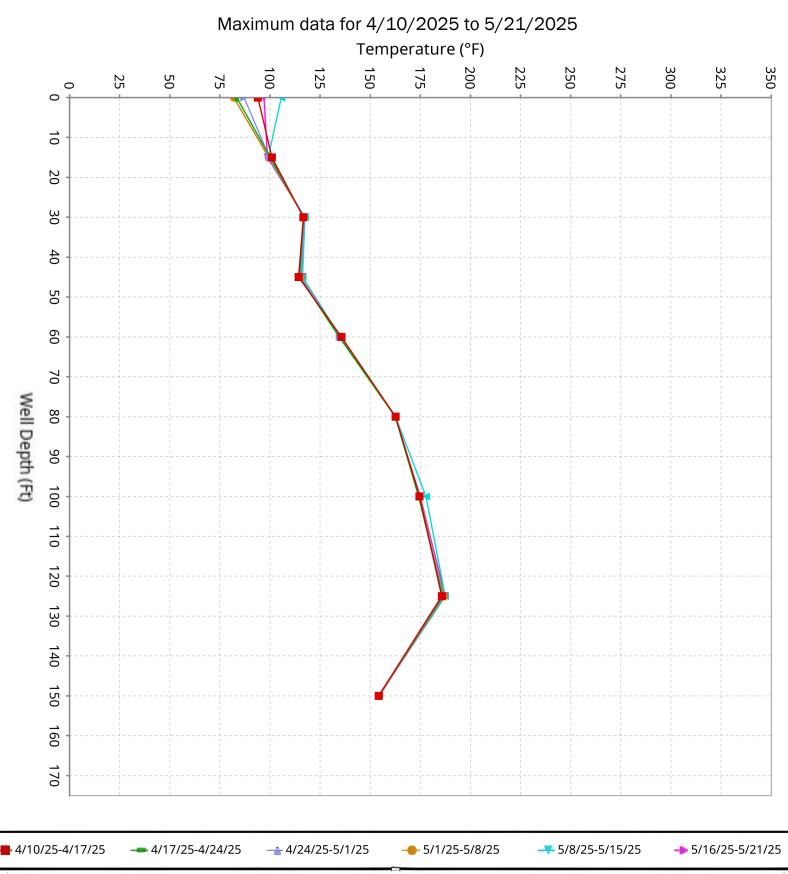


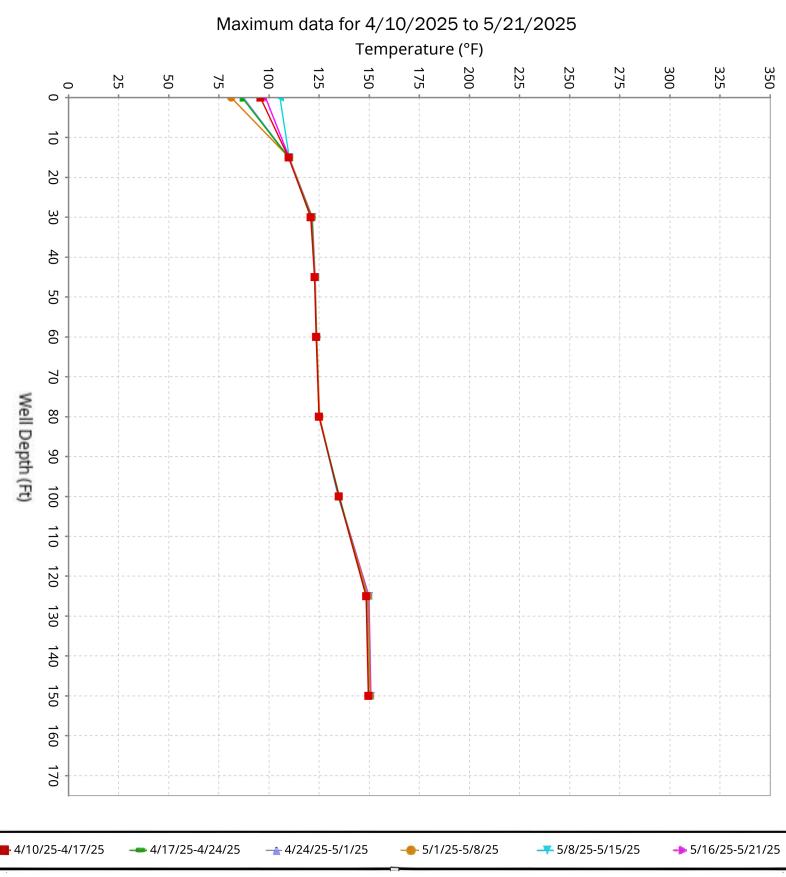


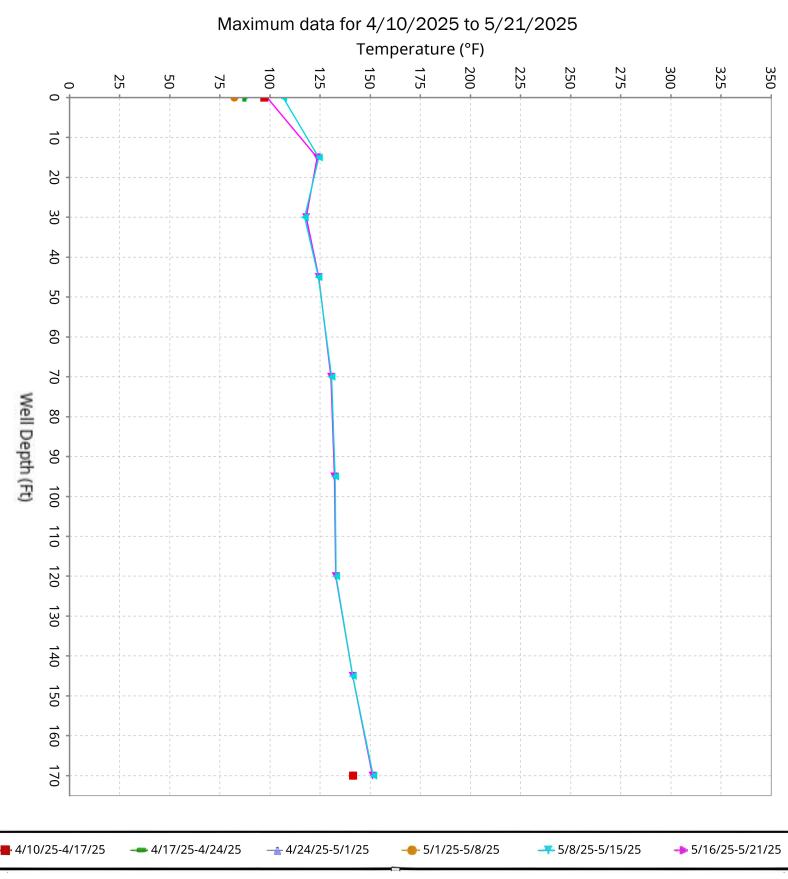


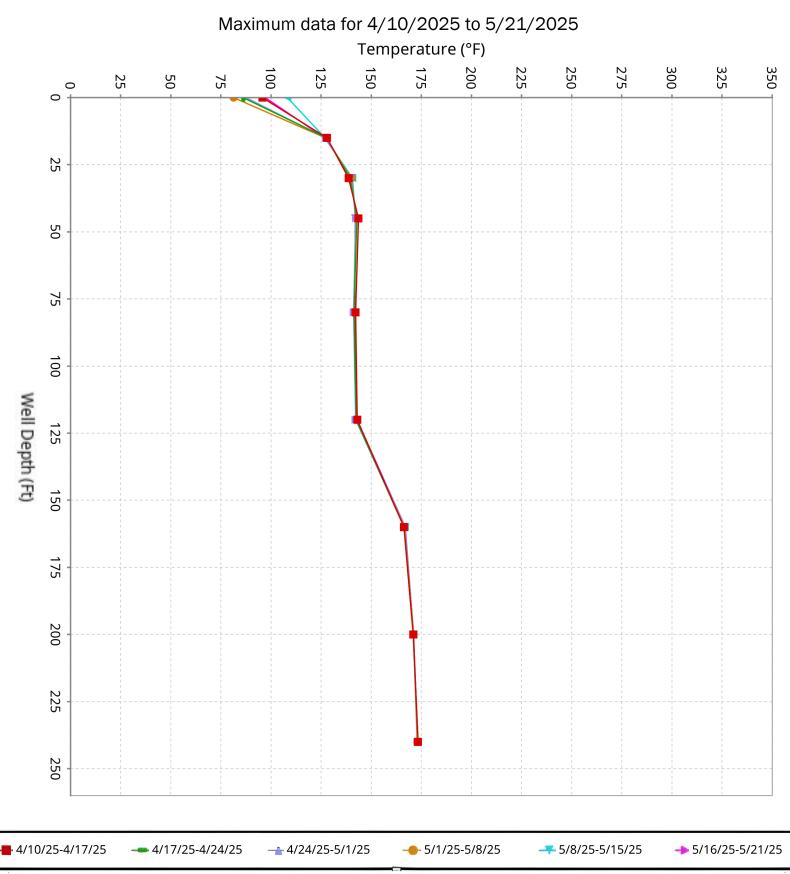


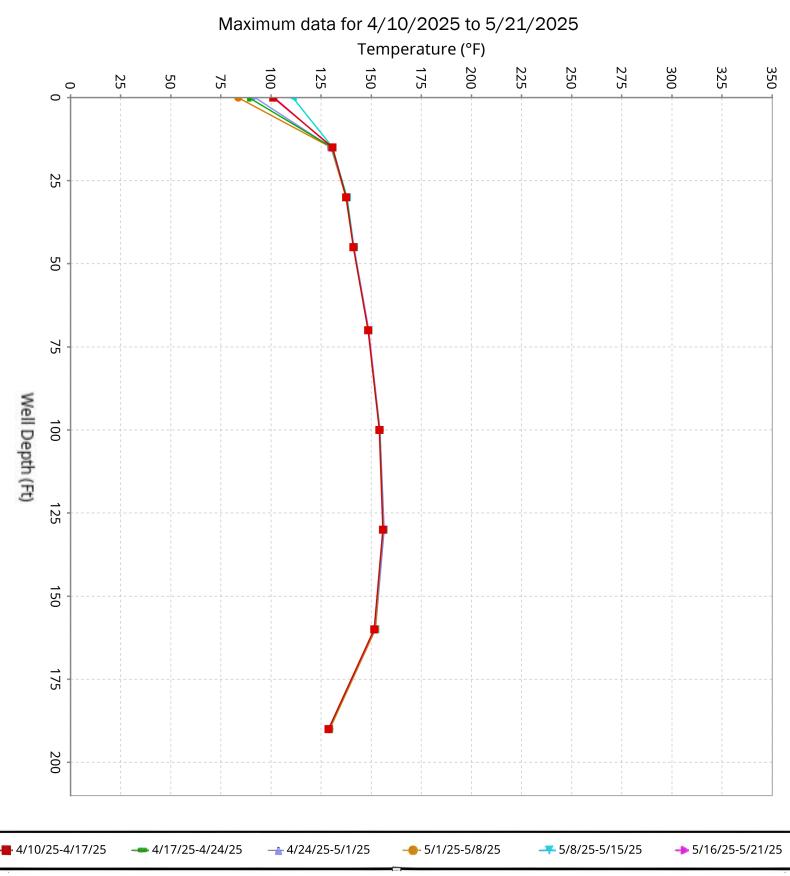


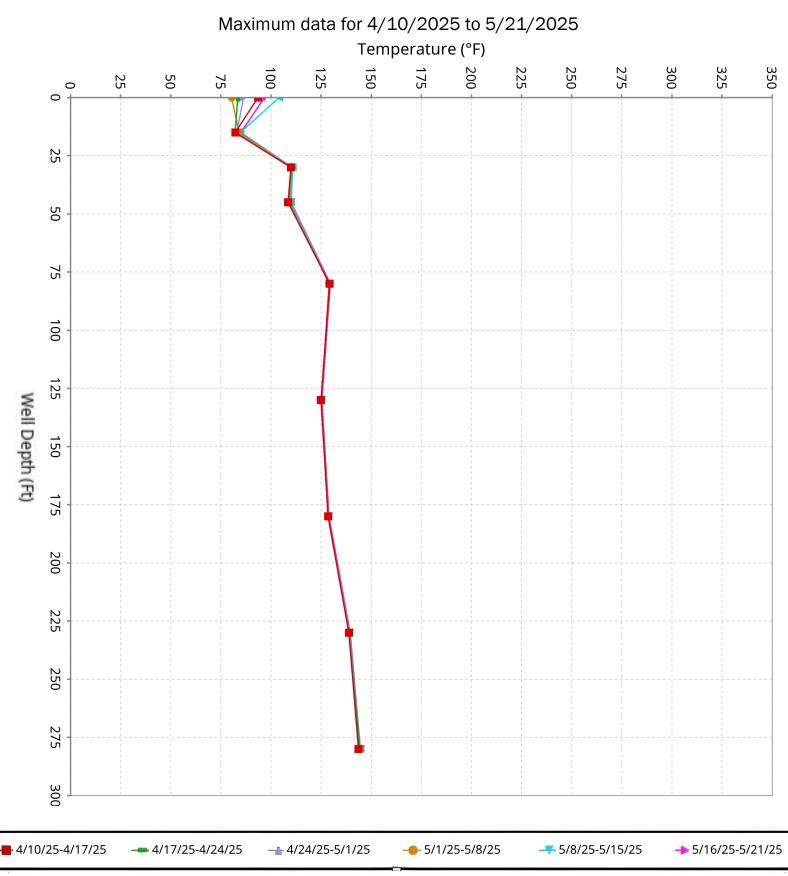


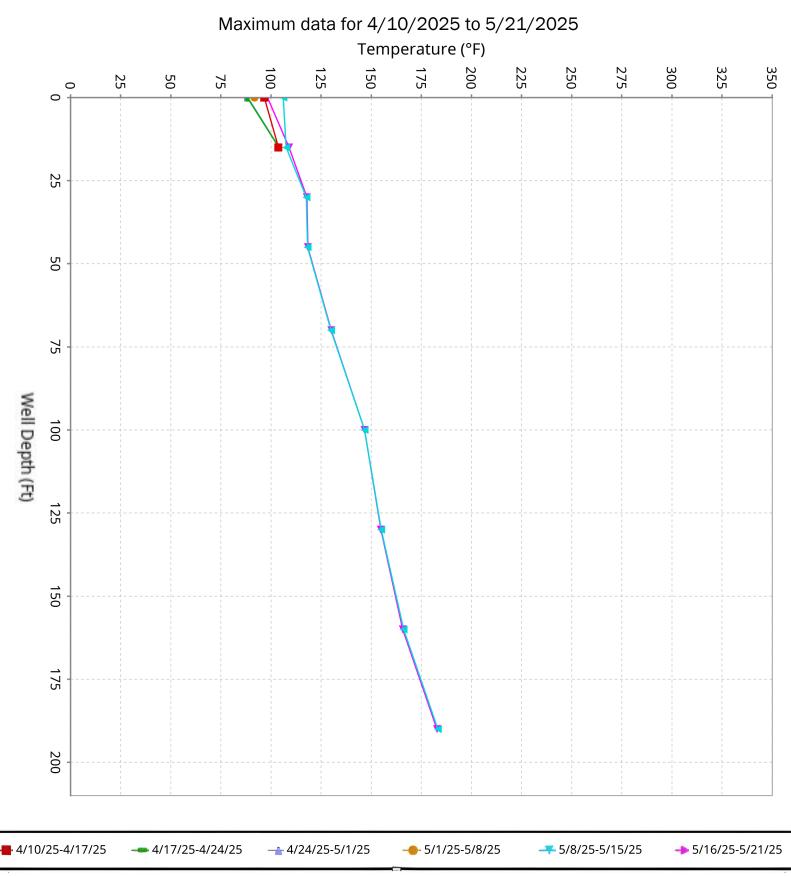


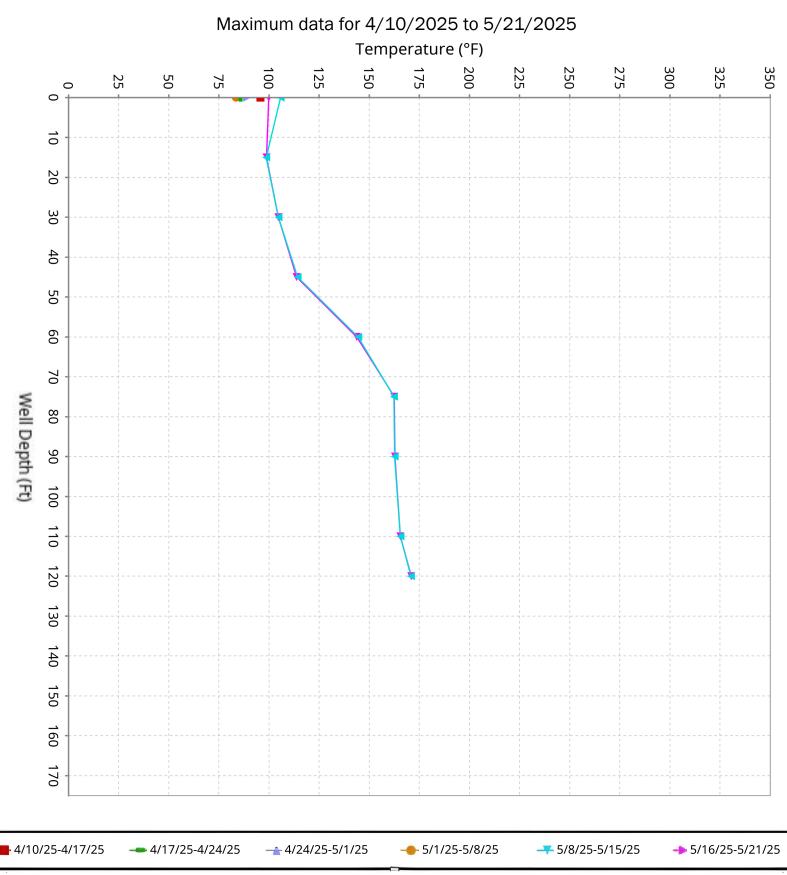


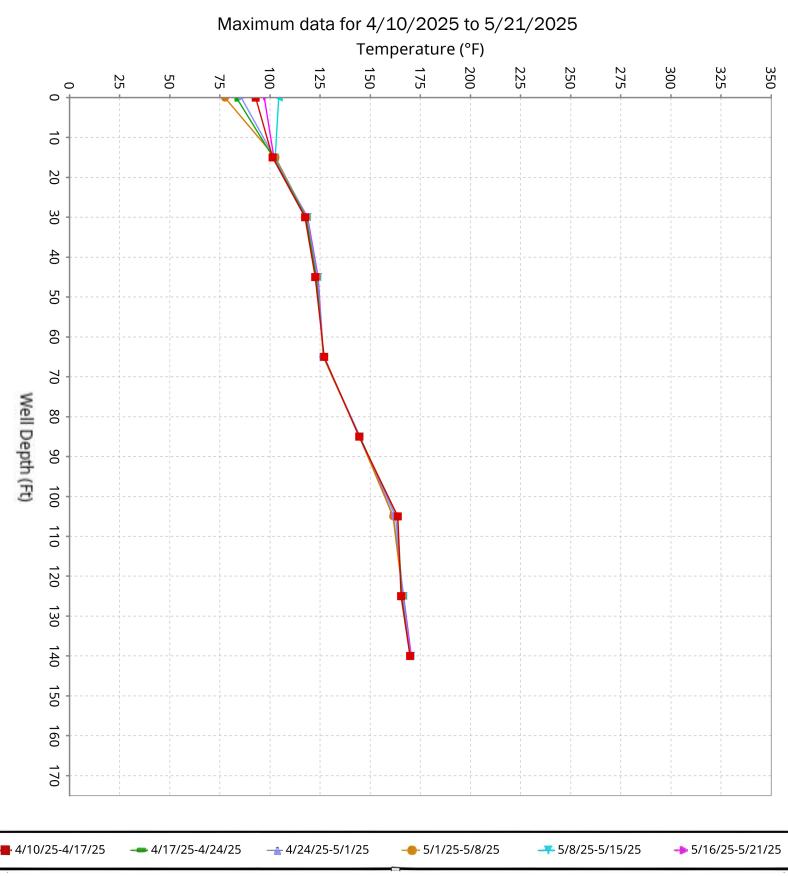












Maximum Vertical Temperature Map from Temperature Probes at Chiquita Landfill

