

Bridgeton Landfill, LLC

Weekly Data Submittals

**Required by Section 52.F of Agreed Order, Case No. 13SL-CC01088
Effective May 13, 2013**

Contents:

Attachment A – Leachate Levels in Leachate Collection Sumps

Attachment B – Temperature Monitoring Probe Analytical Charts

Attachment C – Gas Interceptor Wellhead Temperature Graphs

Provided Separately:

- Leachate Level in Leachate Collection Sump Raw Data Excel Spreadsheet**
- Temperature Monitoring Probe Raw Data Excel Spreadsheet**
- Gas Interceptor Well Reading Raw Data Excel Spreadsheet**

June 17, 2014

Commentary on Data

Attachment A – Leachate Levels in Leachate Collection Sumps

LCS-1D,-2D,-3D, and -5A were operational during the weekly reporting period.

A new transducer was recently installed in LCS-1D; there appears to be an obstruction or a pinch/collapse at about 180' below the top of the well casing that prevents the pump from being lowered past that point, but the pump is drawing liquid down to near that level.

A measurement device is currently being evaluated for use in LCS-3C.

LCS-4B still exhibits excess pressure and liquid ejection, so it has not been fitted with a pump; however, the conditions are resulting in leachate removal from that location. Options for pumping from this location are currently under review.

The transducer at LCS-6B has been determined to be damaged. A repair is scheduled.

Temperature Monitoring Probe Analytical Charts

The following TMPs indicated consistent temperature profiles to previous week(s): TMP-1,-2, -3, -4, -5, 8, -10, -12, and -14. Some intervals in TMP-6, -9, and -11 appear to have increased slightly in this last period.

TMP-7 and -13 have been removed from the presentation based on unreliable thermocouple measurements.

Gas Interceptor Wellhead Temperature Graphs

The fluctuation in wellhead gas temperatures can be attributed to variation in available vacuum, gas flow and ambient temperatures at the respective well.

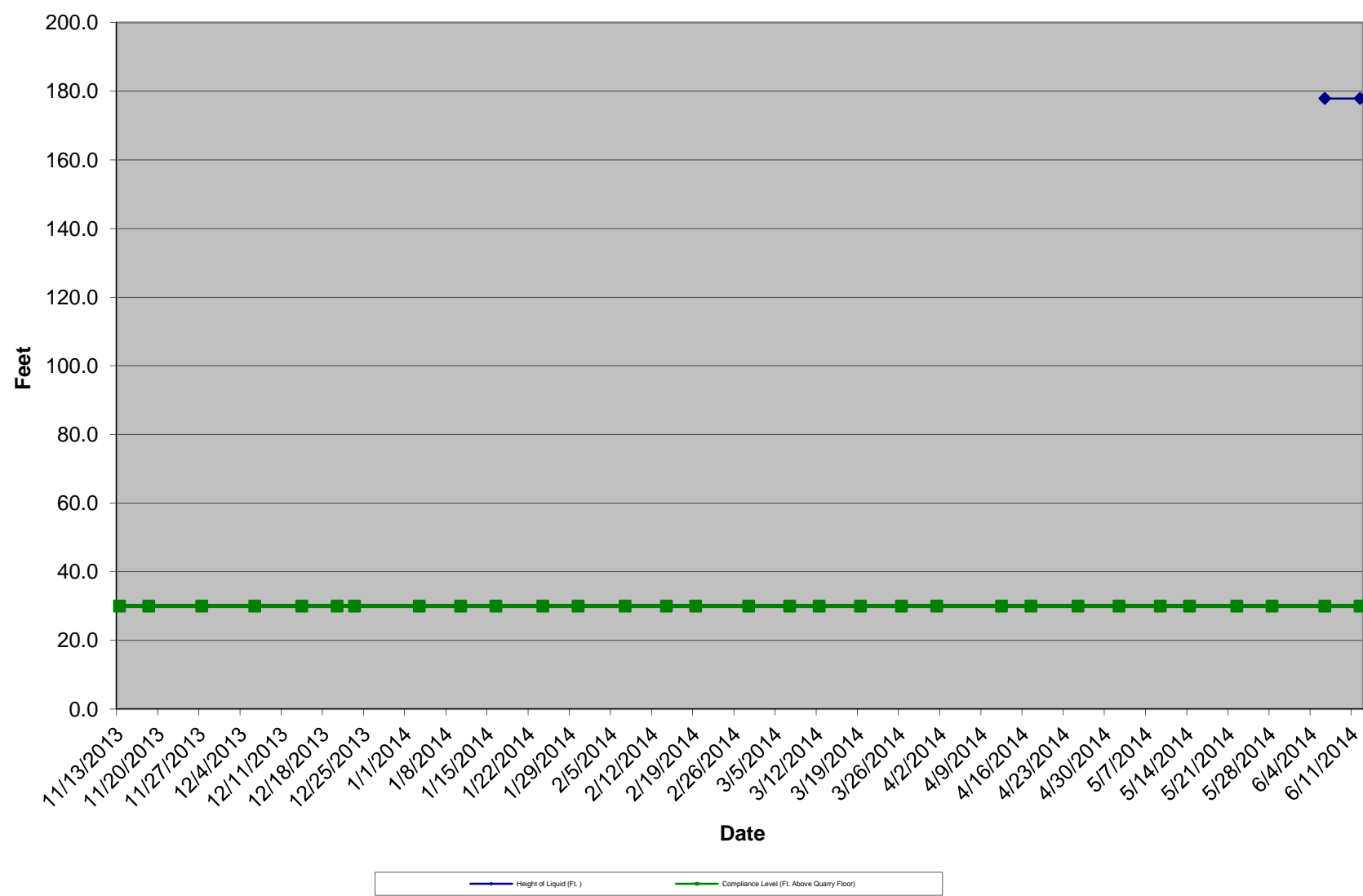
Each gas interceptor well remained relatively consistent or lower with regards to gas wellhead temperature measured at each location.

The water circulation cooling loop is currently installed in GIW-4. With the exception of June 11, 2014, the cooling loop was operational during the reporting period. Repairs were recently made to allow resumption of temperature monitoring at the GIW-4 wellhead.

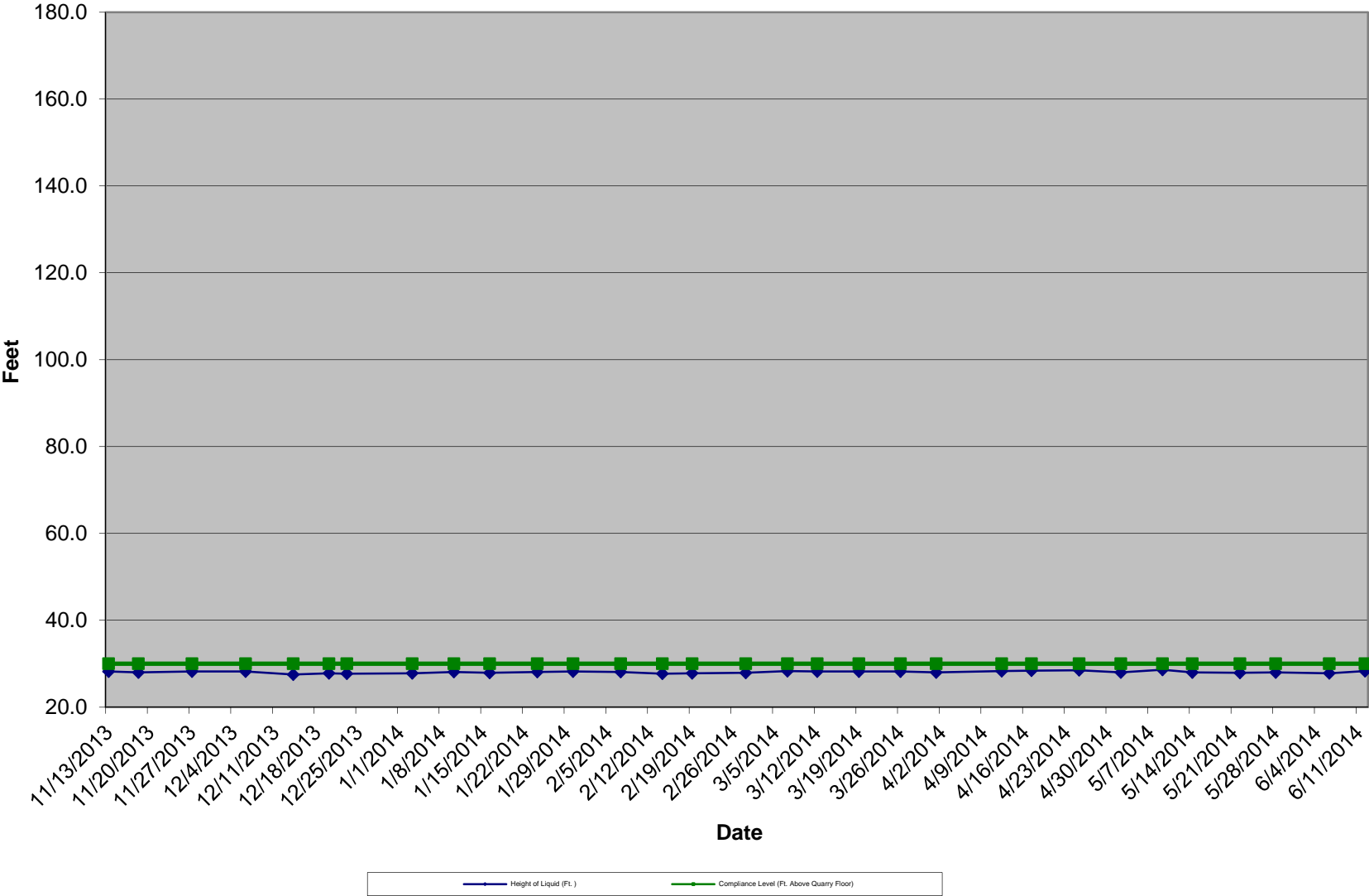
ATTACHMENT A

LEACHATE LEVELS IN LEACHATE COLLECTION SUMPS

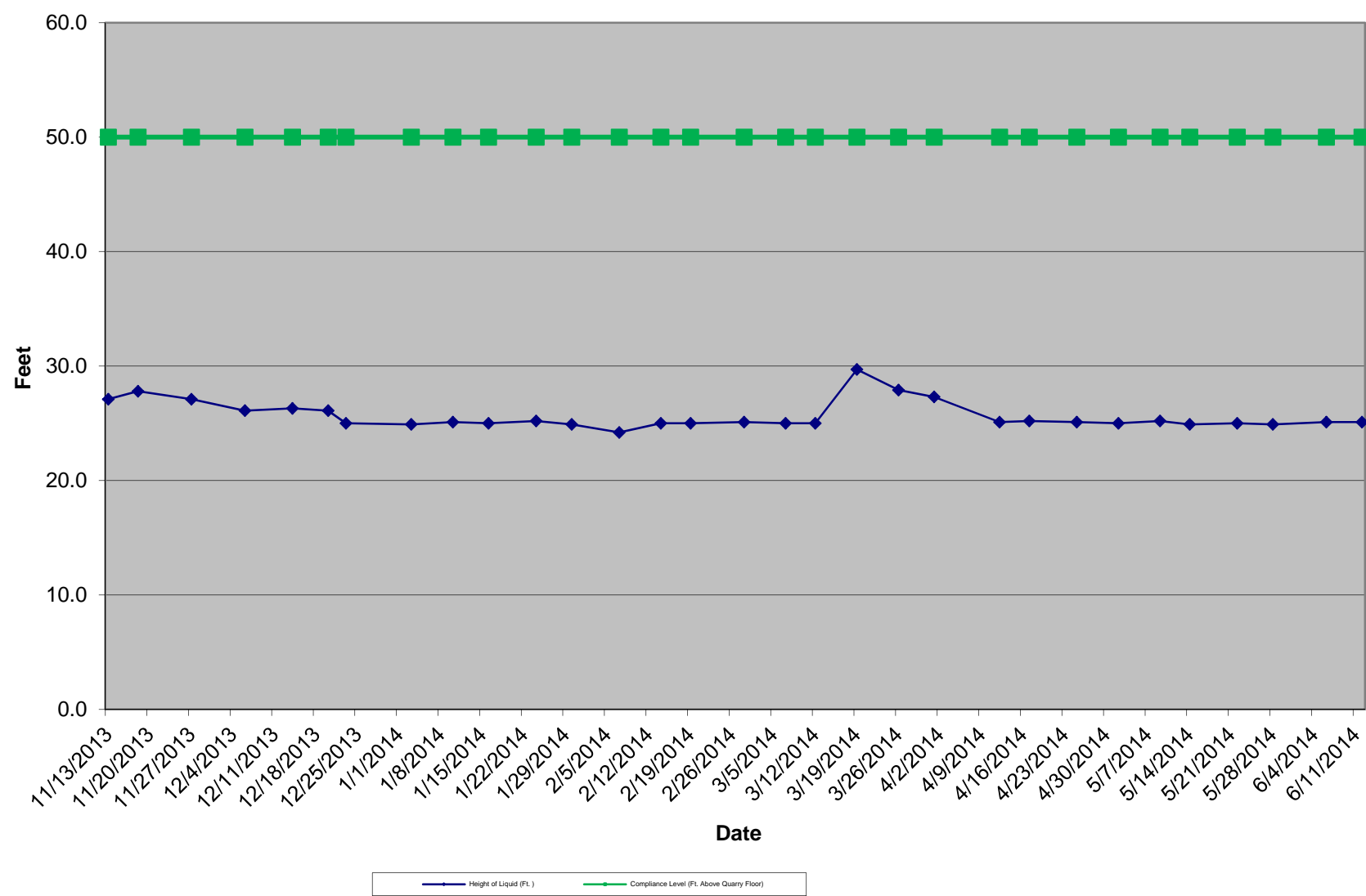
LCS-1D Liquid Level Above Quarry Floor



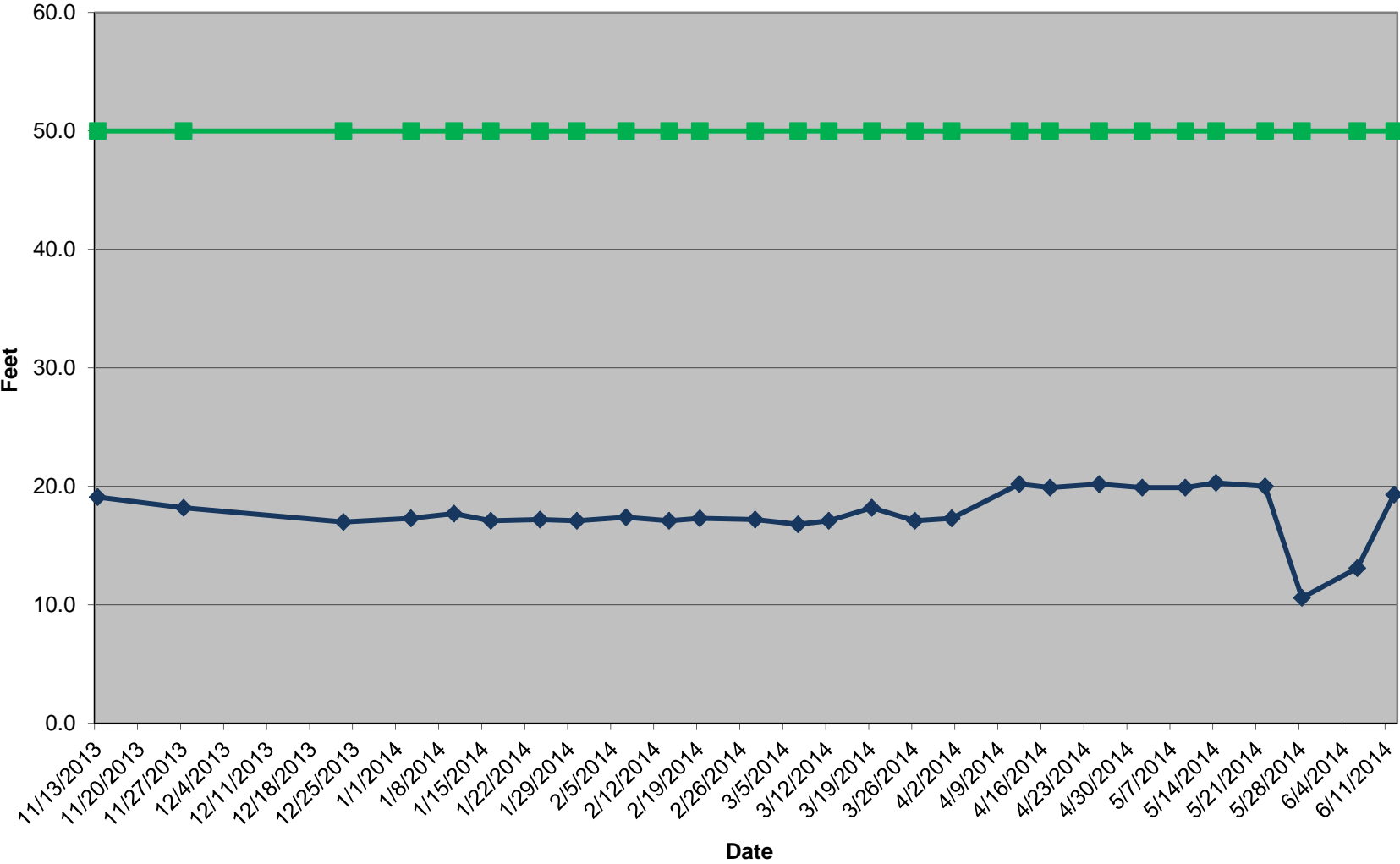
LCS-2D Liquid Level Above Quarry Floor



LCS-5A Liquid Level Above Quarry Floor



LCS-6B Liquid Level Above Quarry Floor

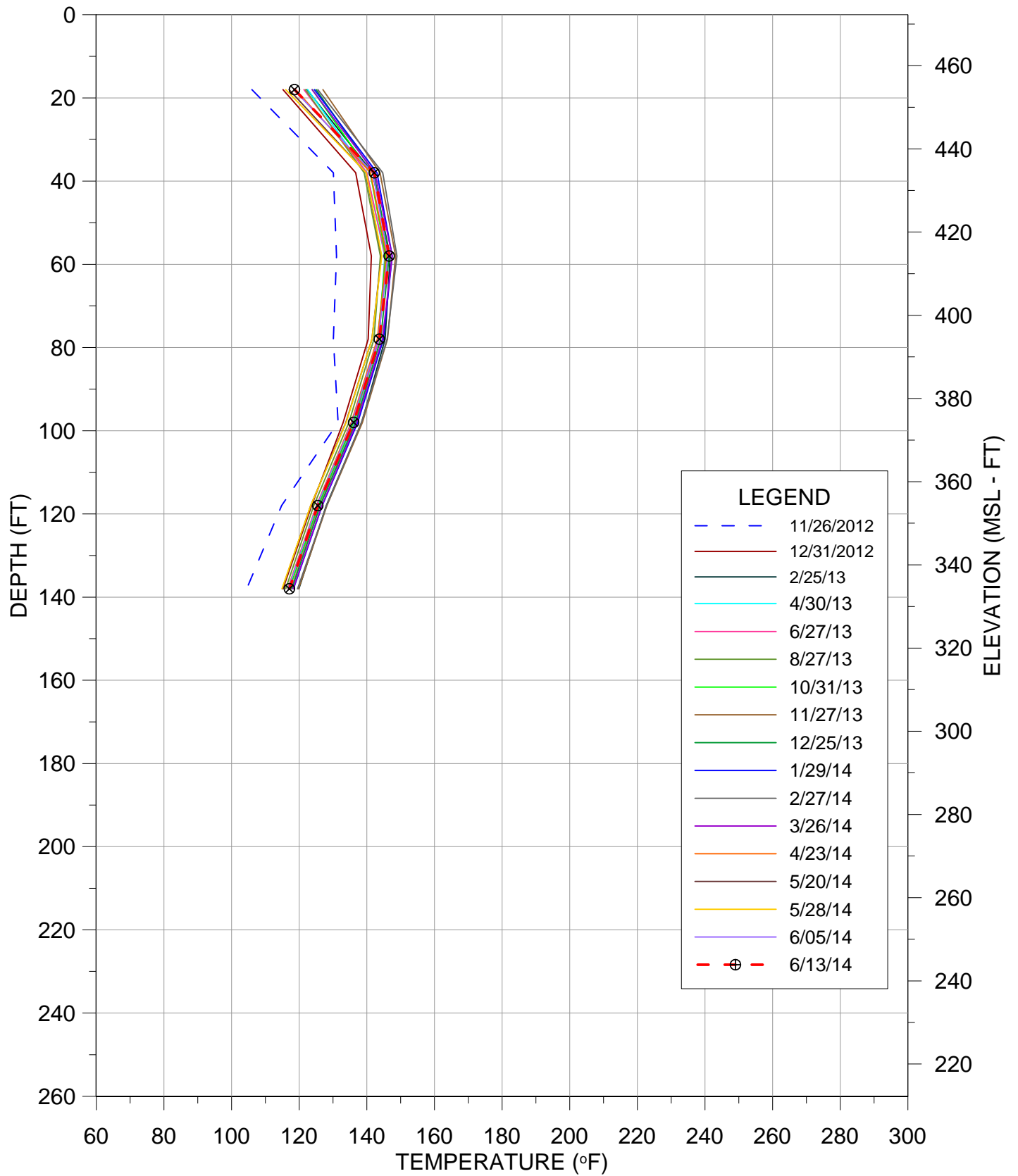


Height of Liquid (Ft.) Compliance Level (Ft. Above Quarry Floor)

ATTACHMENT B

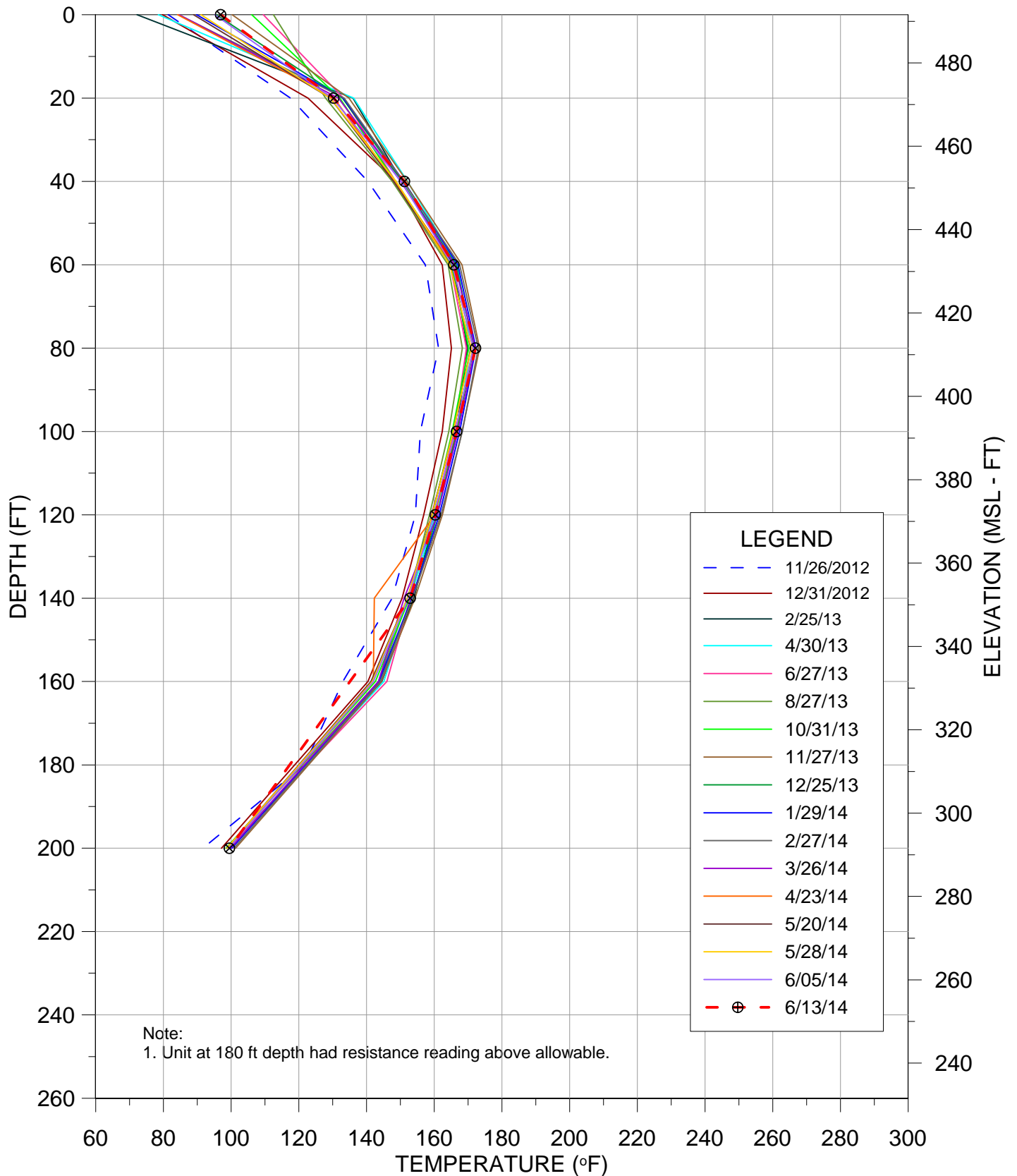
TEMPERATURE MONITORING PROBE ANALYTICAL CHARTS

TMP-1



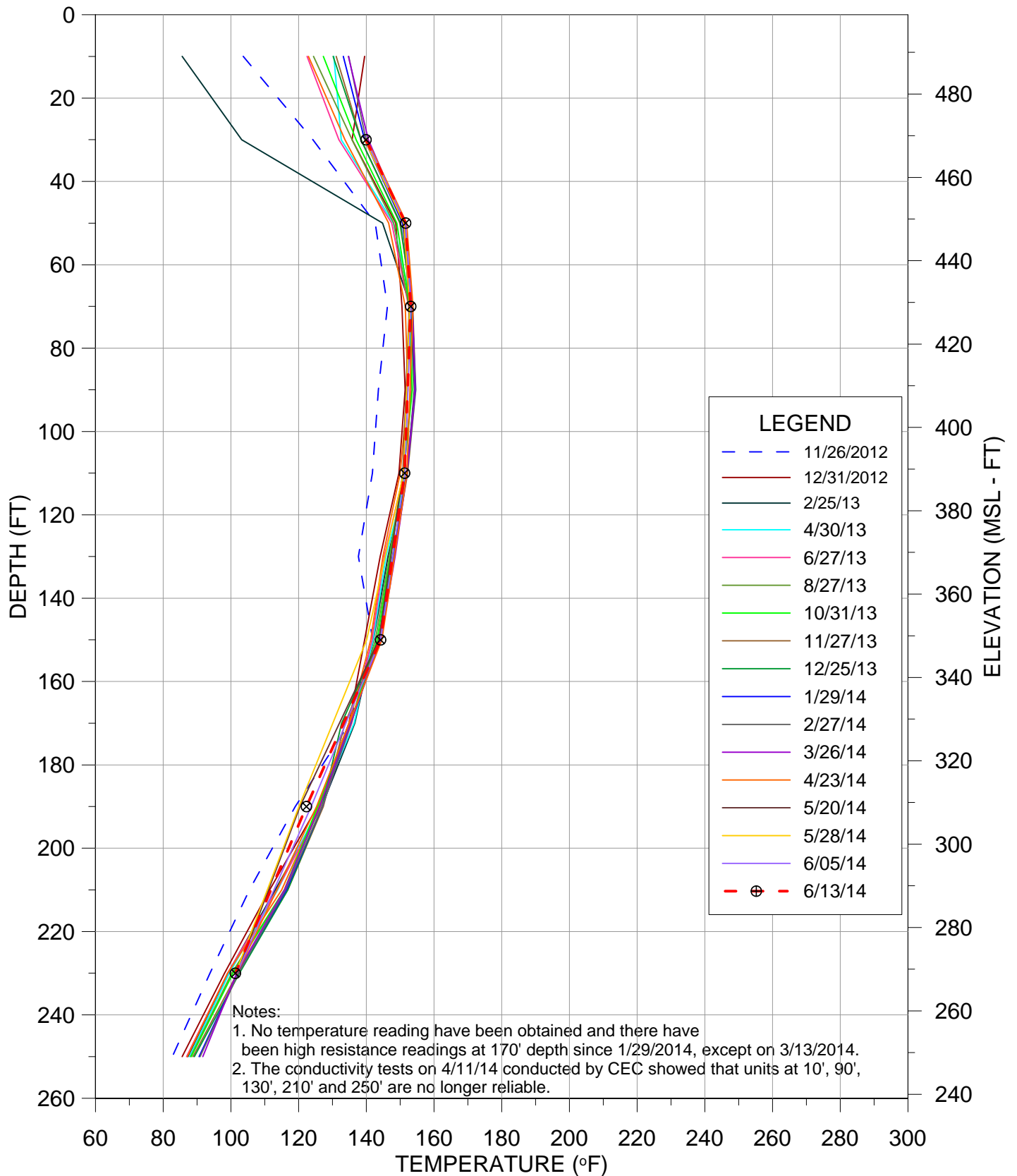
TEMPERATURE VS DEPTH
BRIDGETON LANDFILL

TMP-2



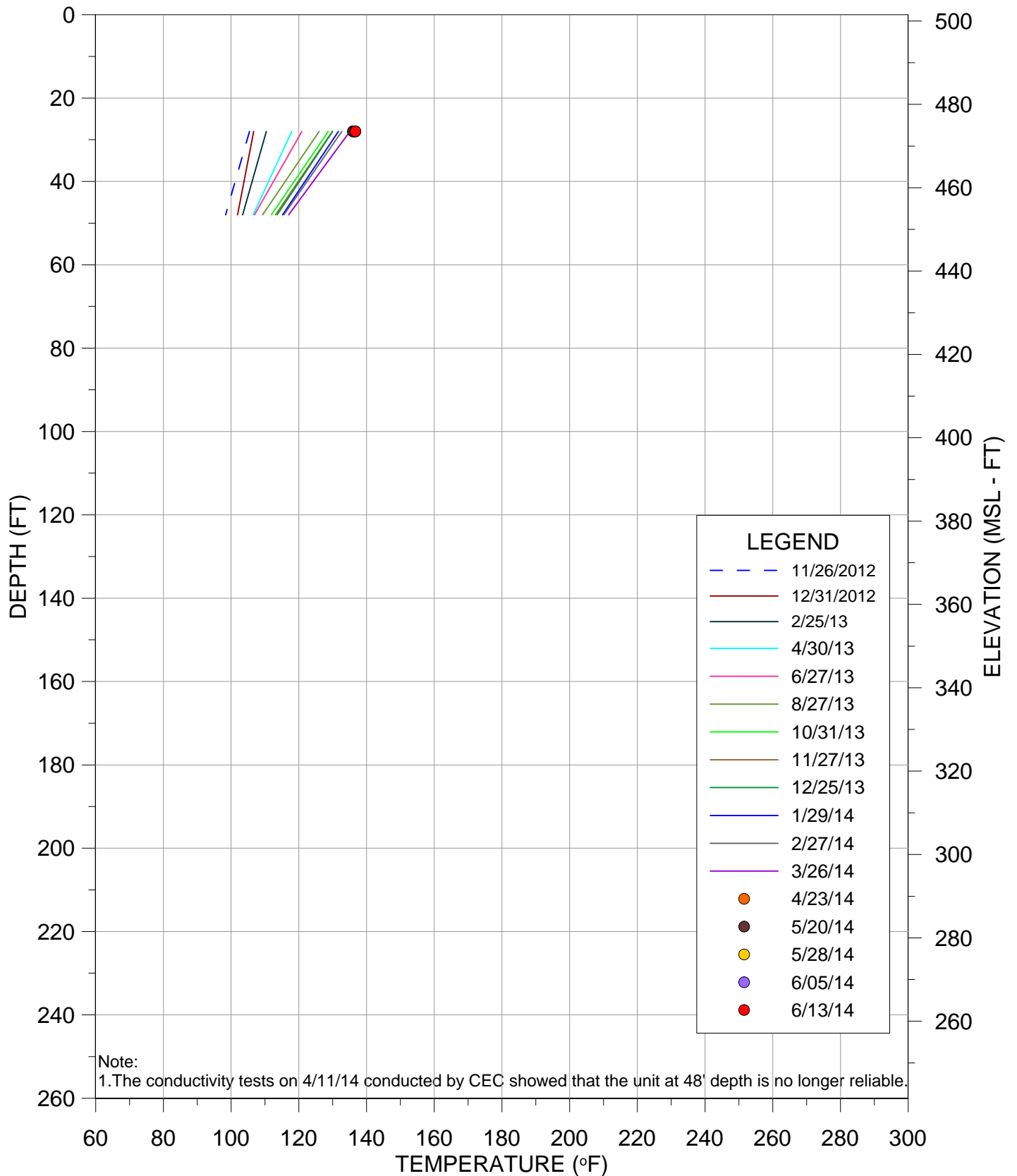
TEMPERATURE VS DEPTH
BRIDGETON LANDFILL

TMP-3

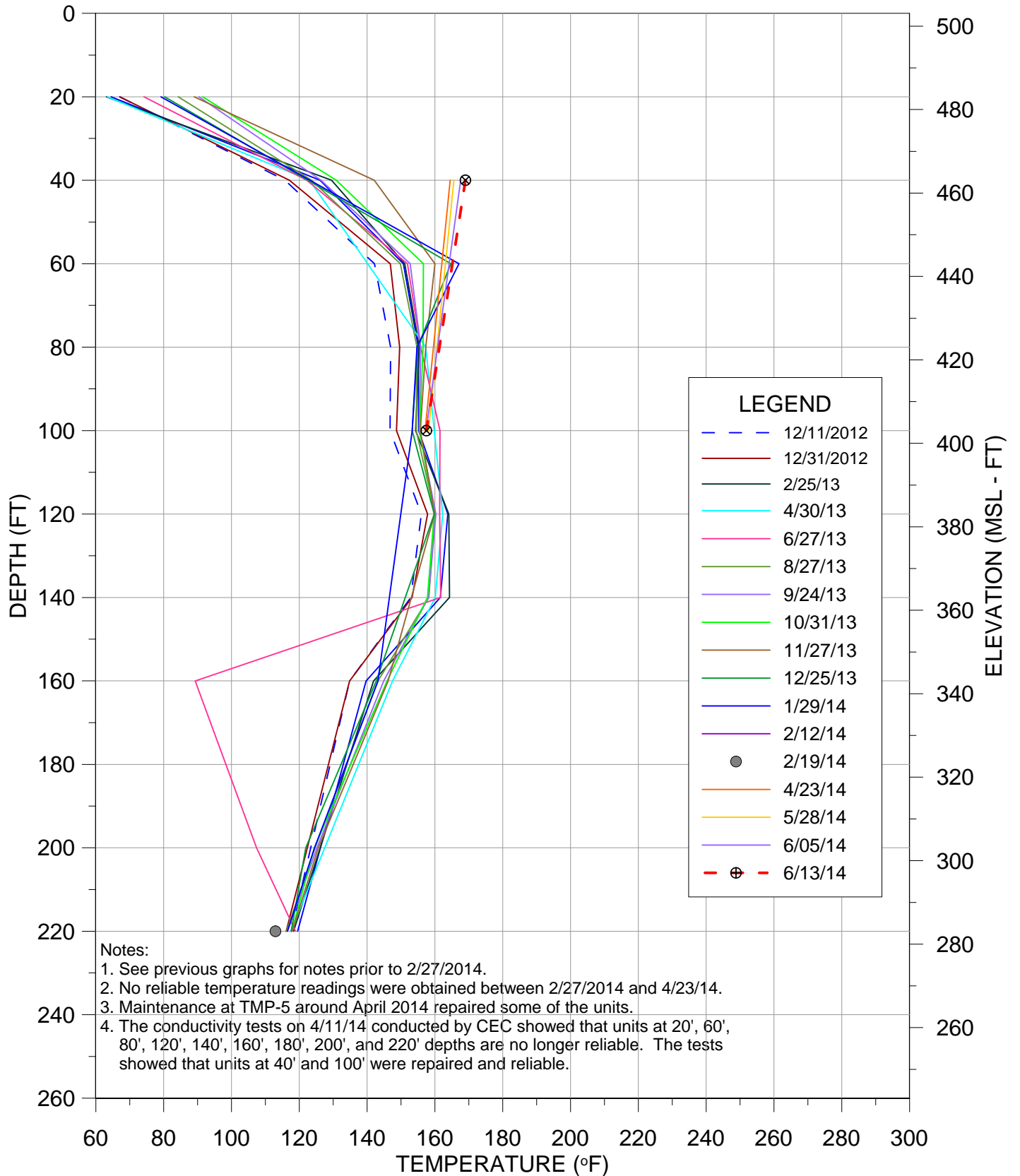


TEMPERATURE VS DEPTH
BRIDGETON LANDFILL

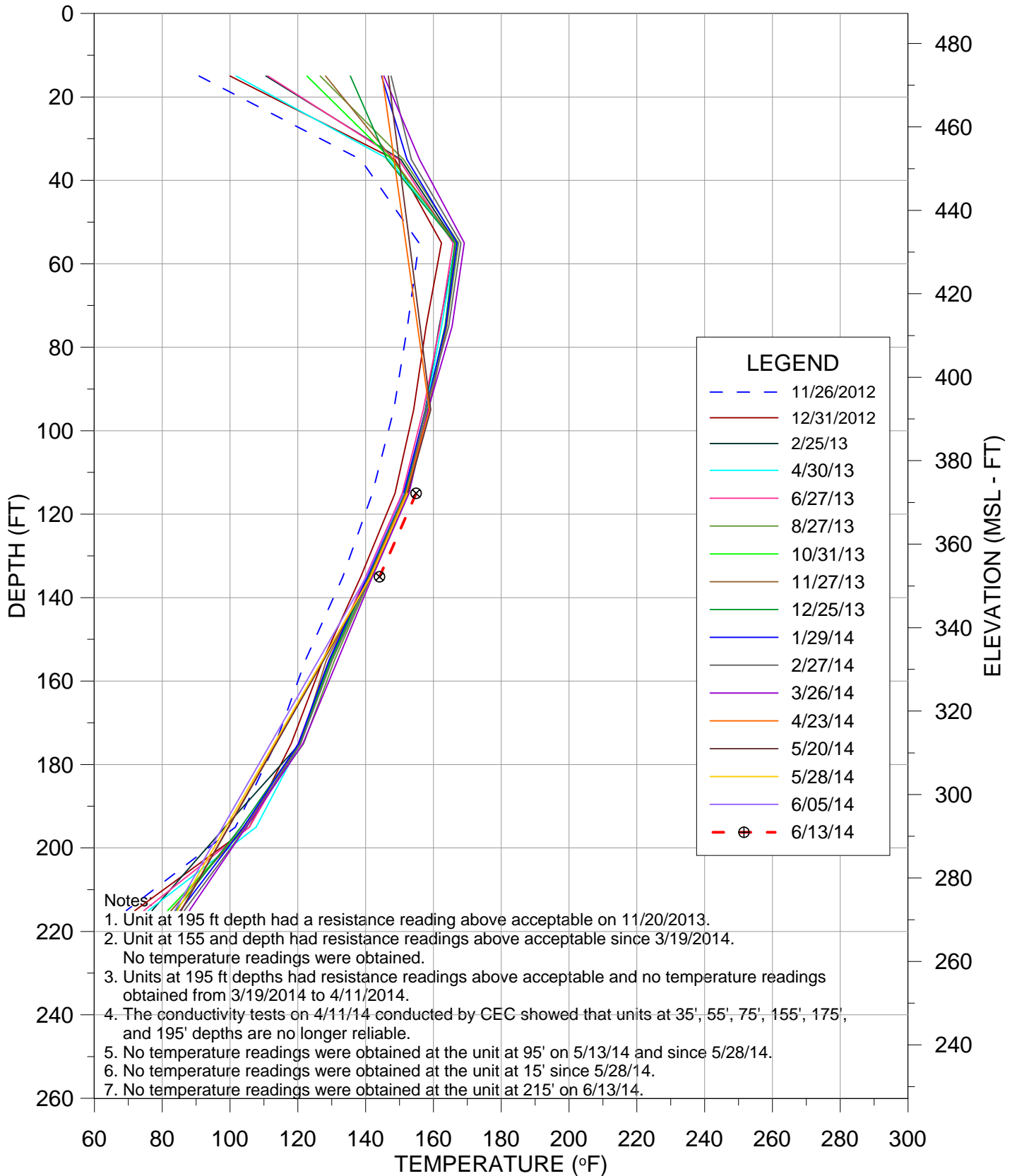
TMP-4



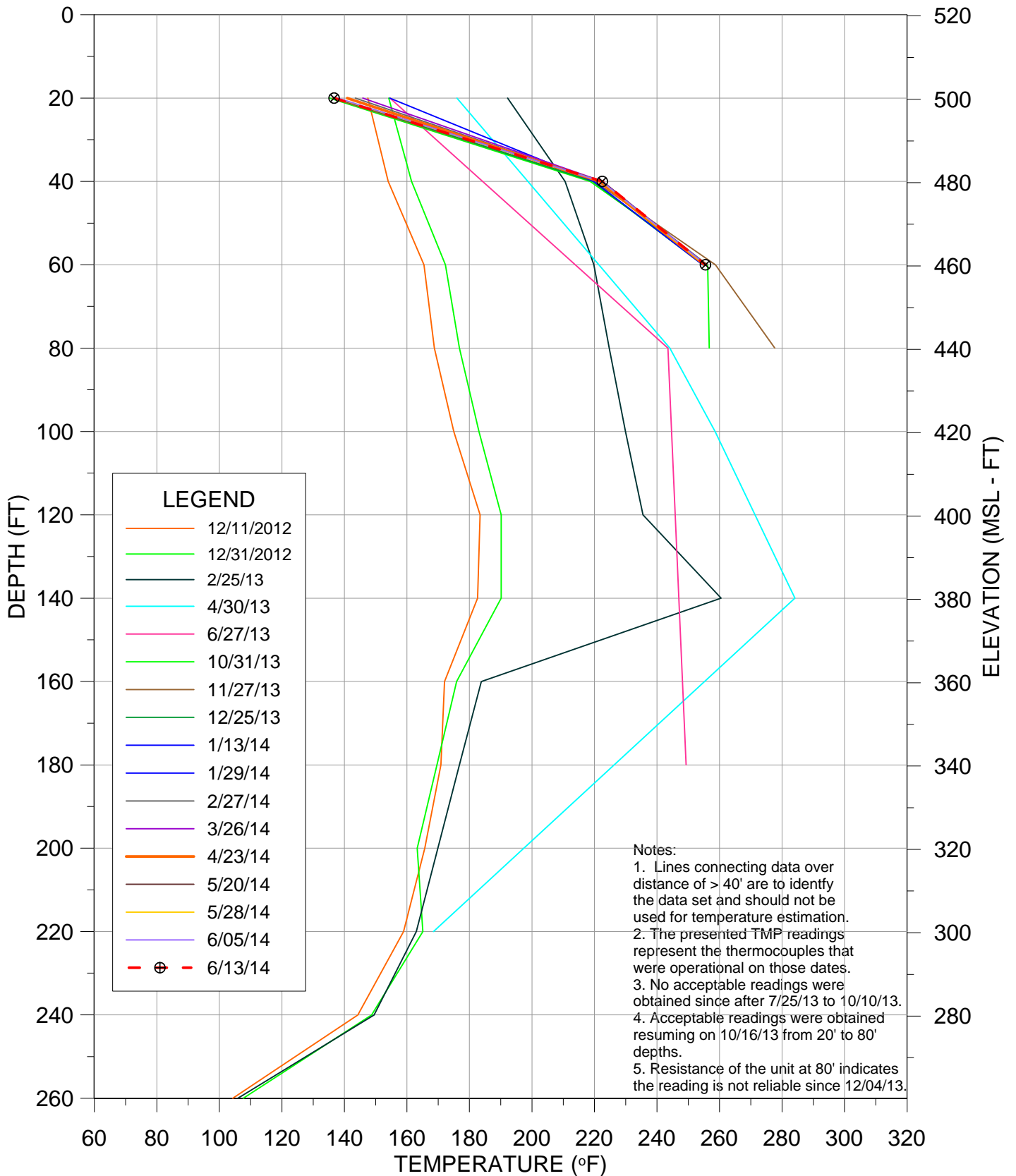
TMP-5



TMP-6

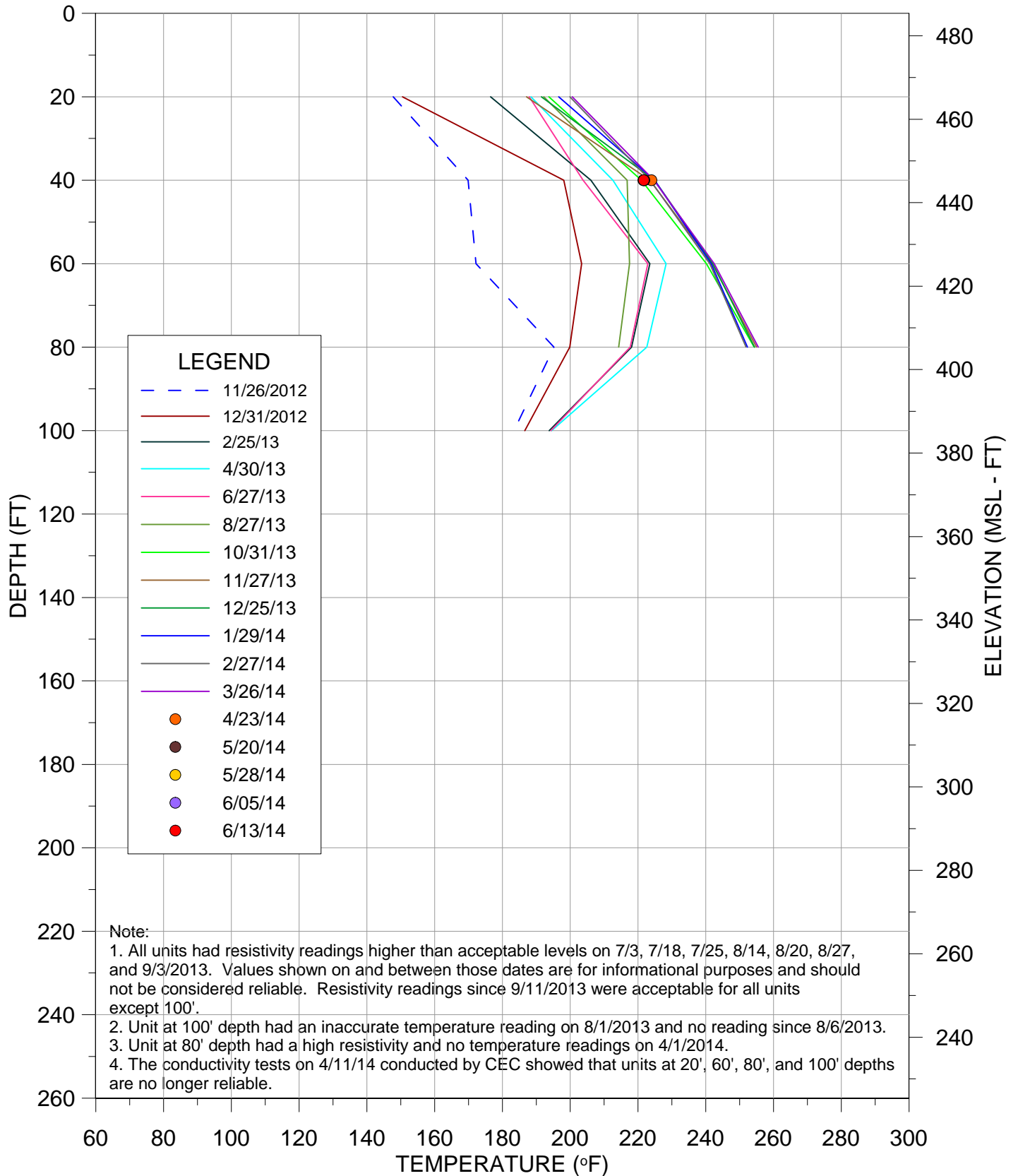


TMP-8

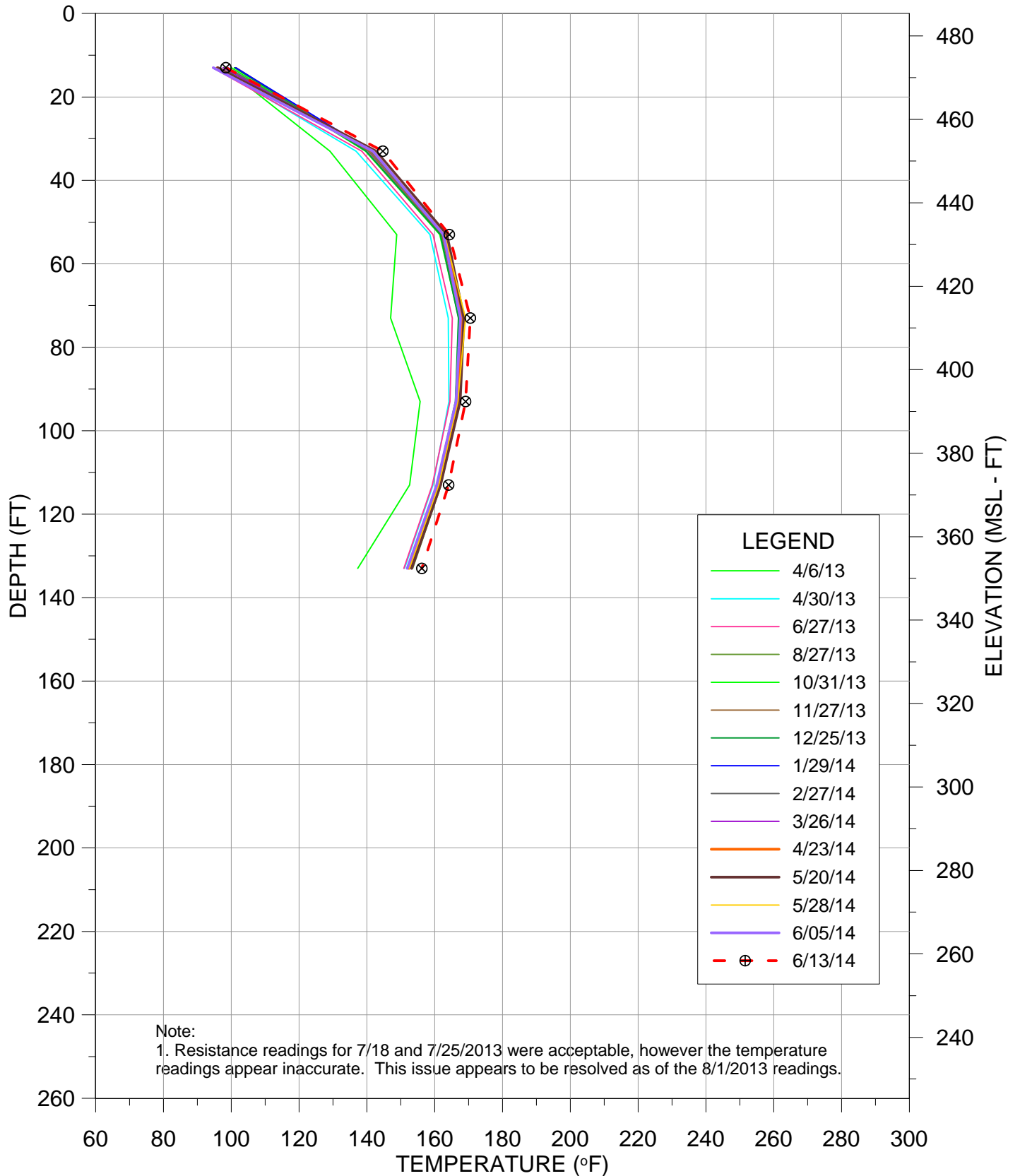


TEMPERATURE VS DEPTH
BRIDGETON LANDFILL

TMP-9

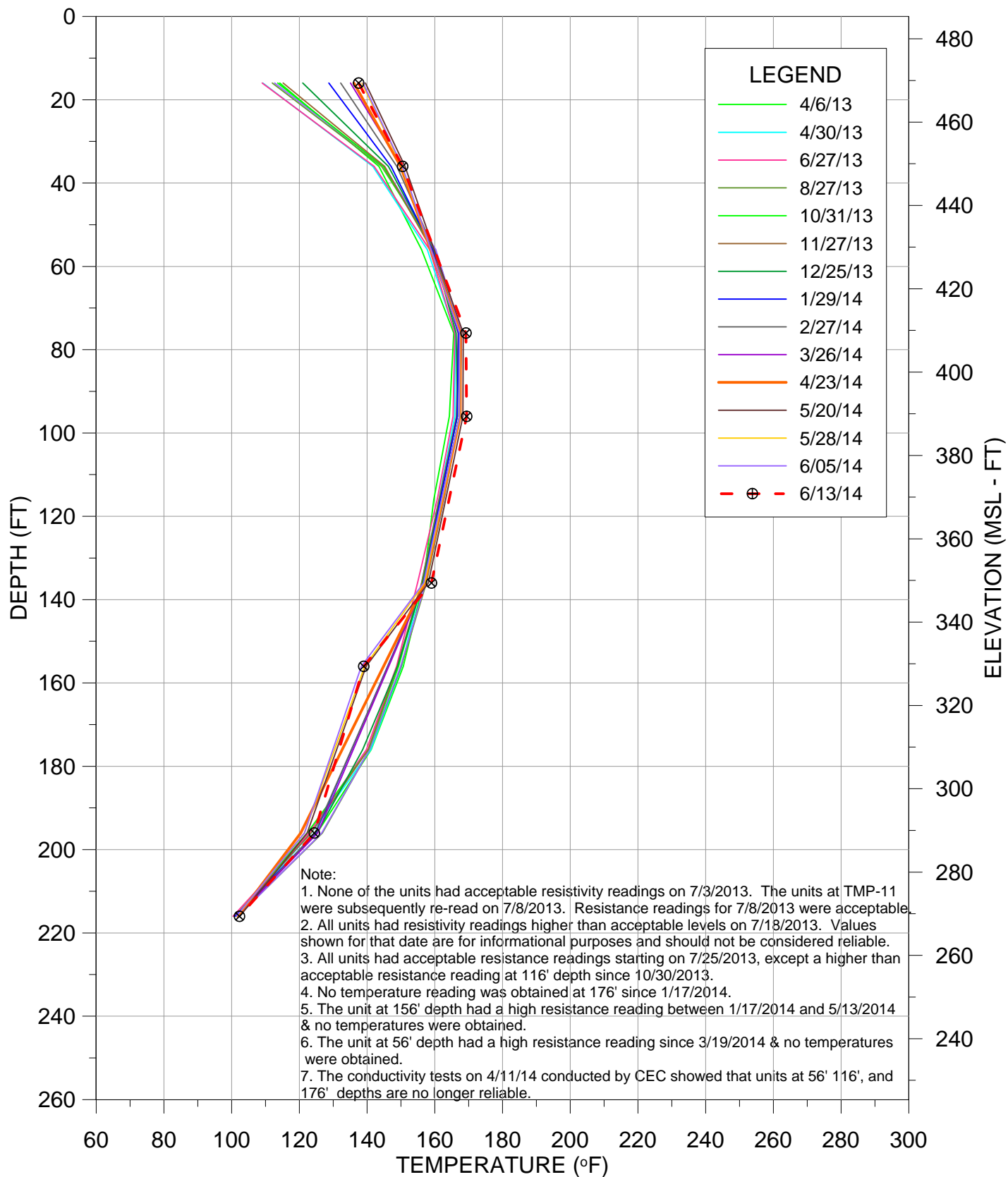


TMP-10



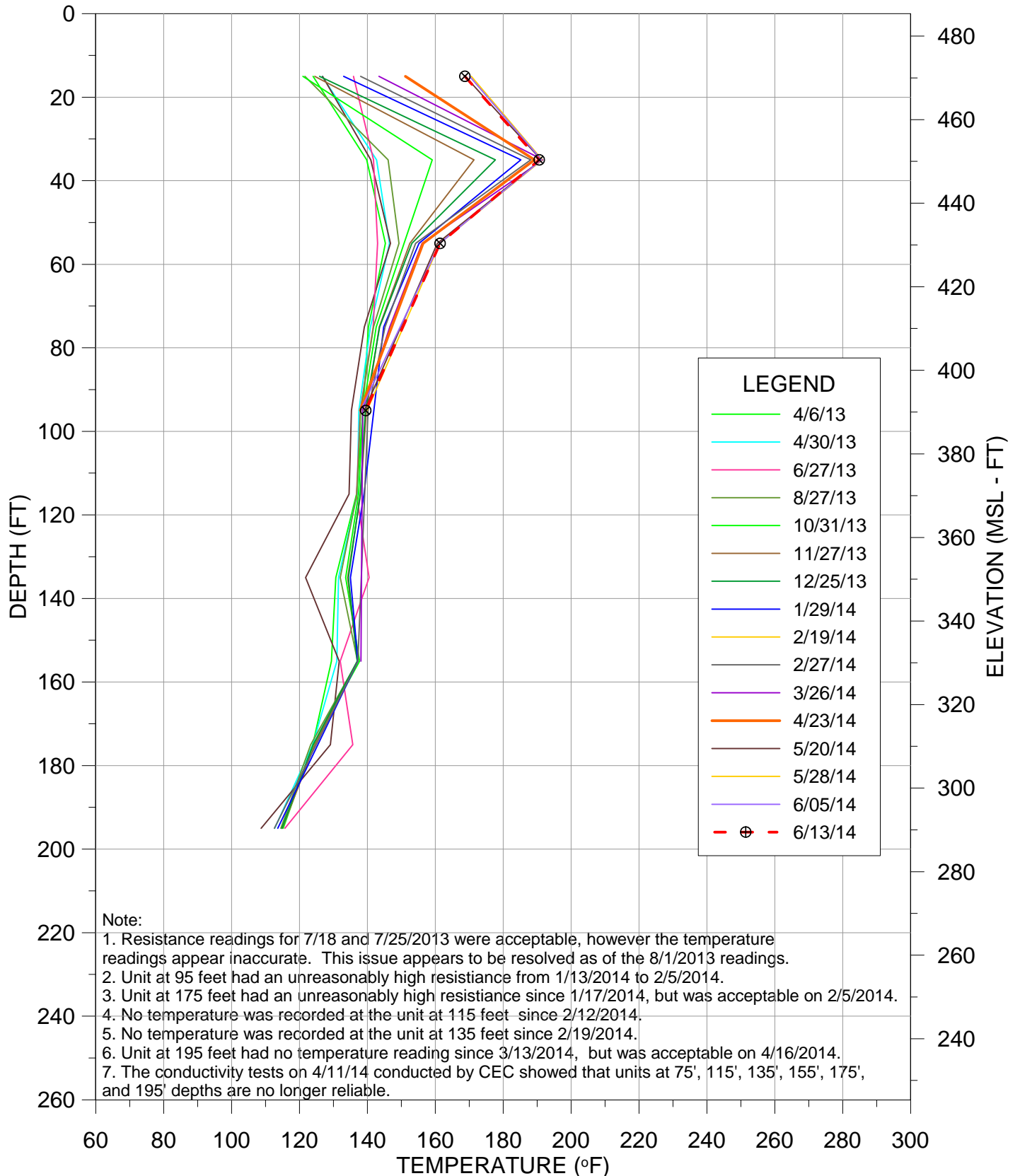
TEMPERATURE VS DEPTH
BRIDGETON LANDFILL

TMP-11

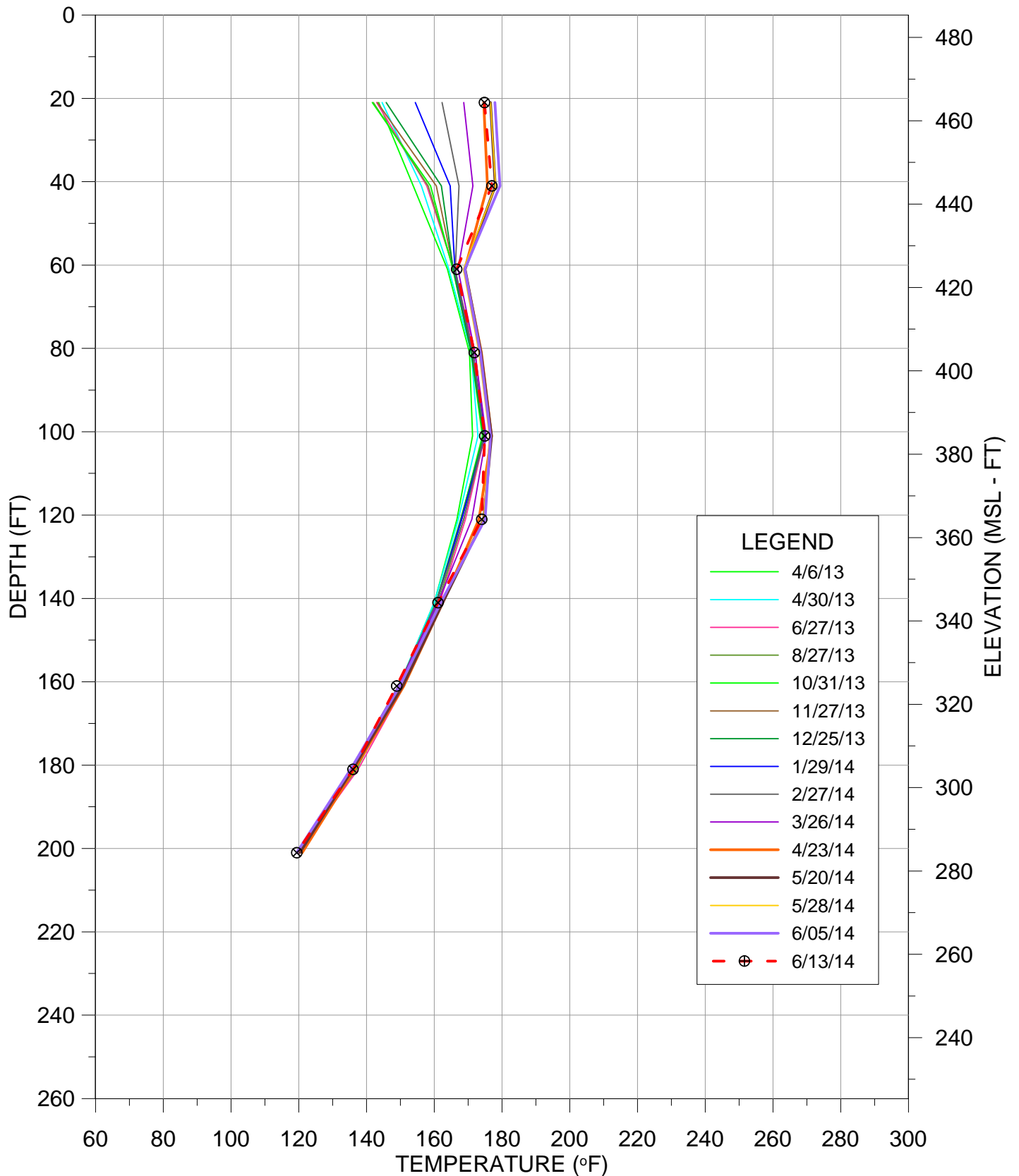


TEMPERATURE VS DEPTH
BRIDGETON LANDFILL

TMP-12

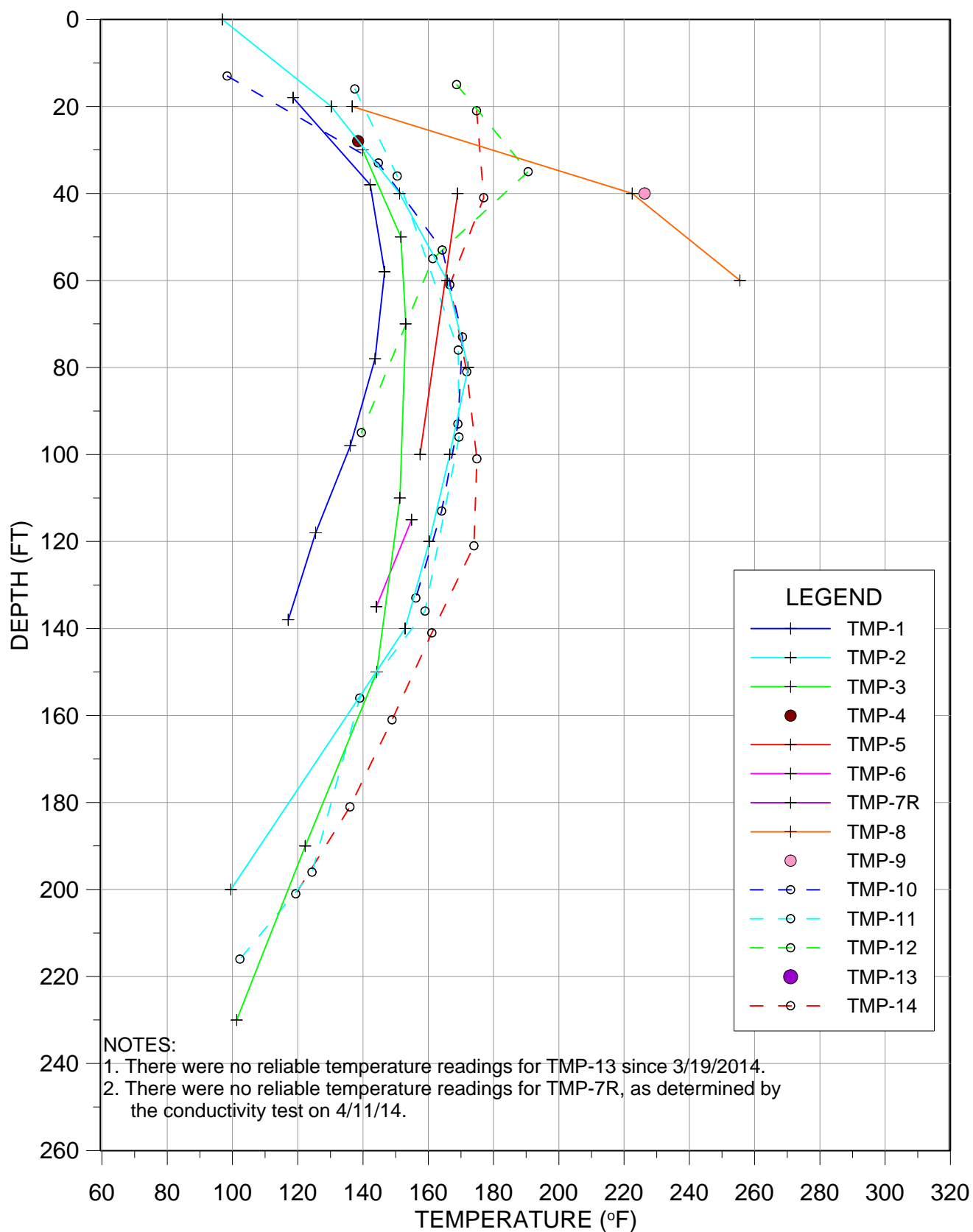


TMP-14

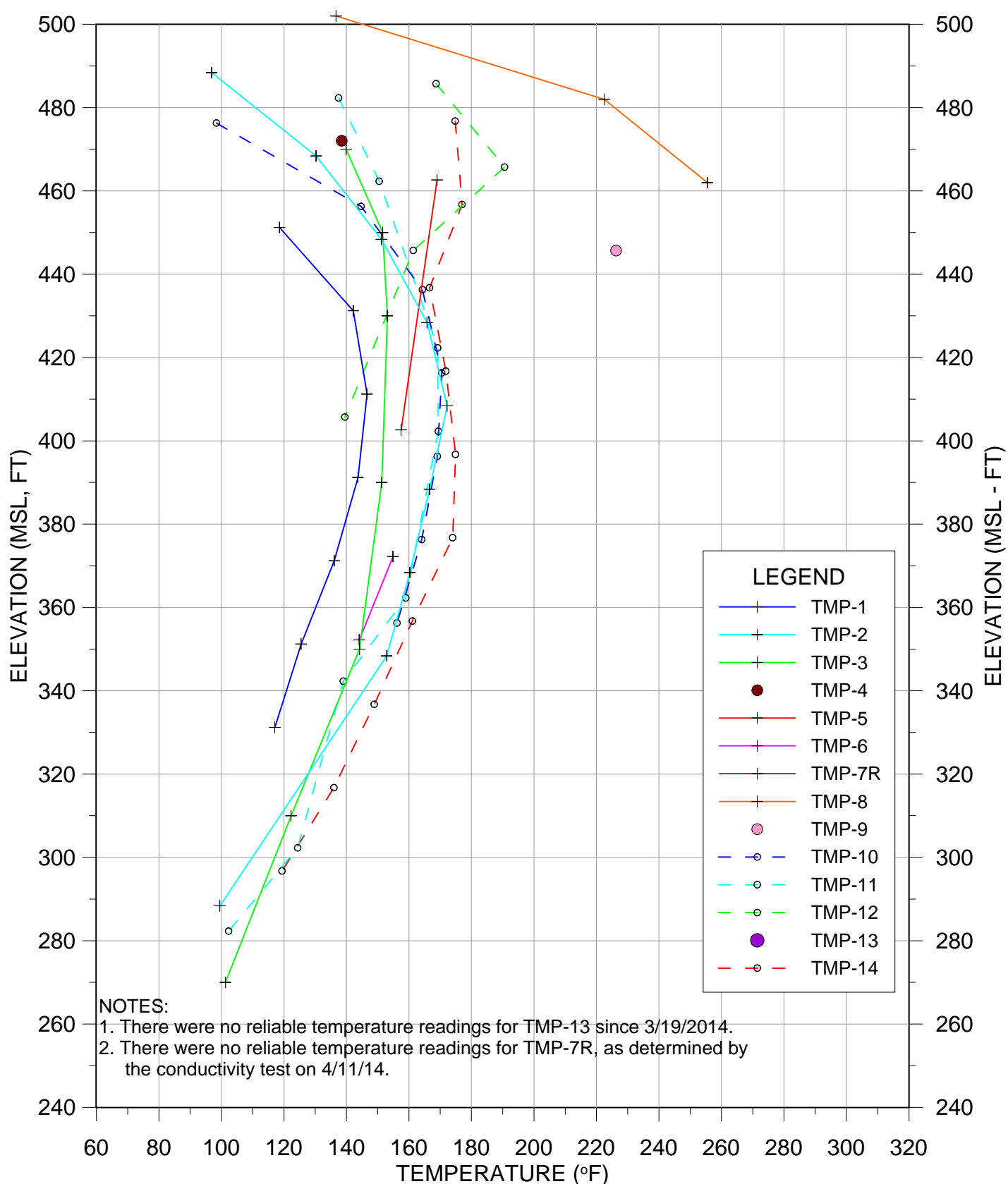


TEMPERATURE VS DEPTH
BRIDGETON LANDFILL

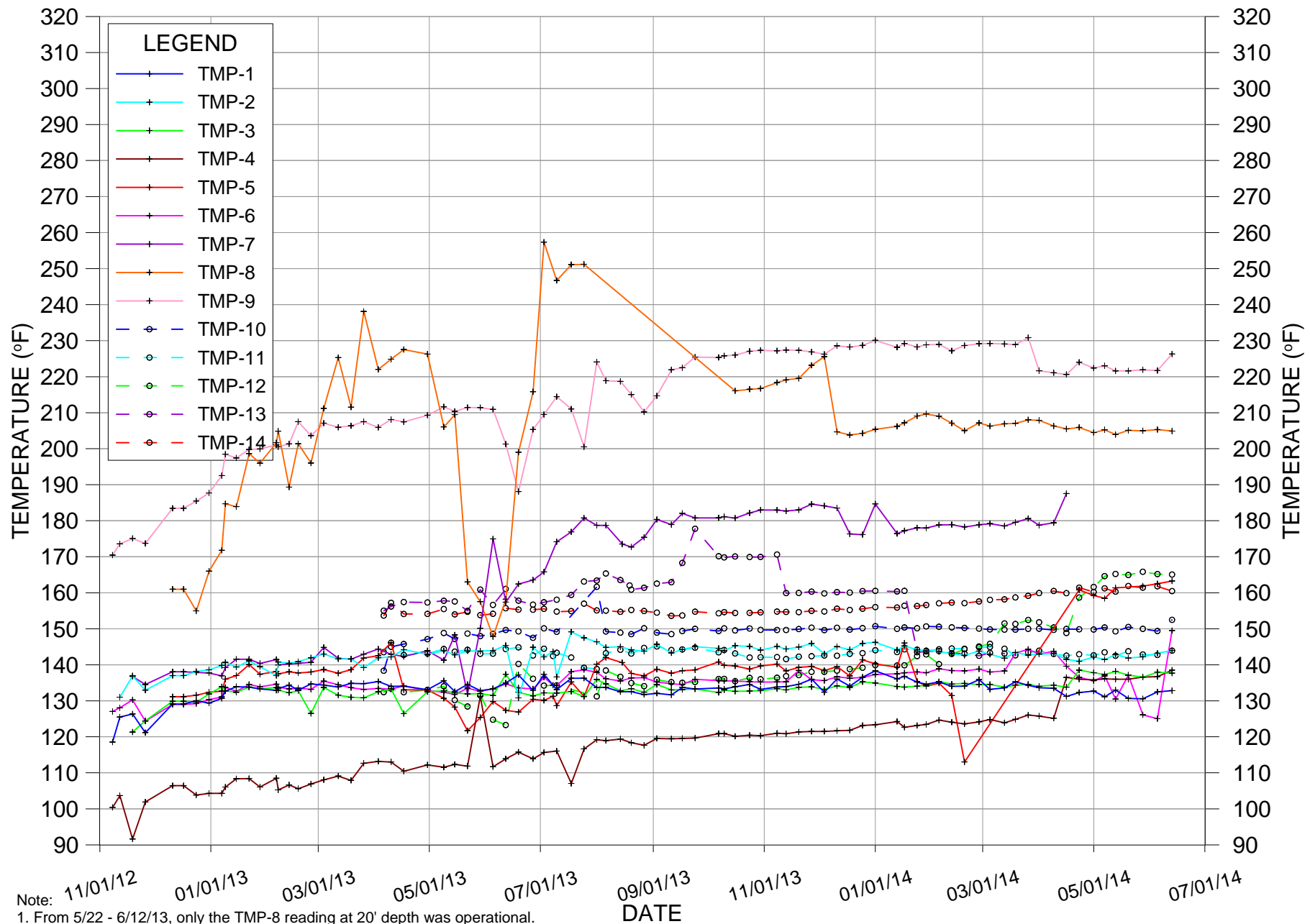
06/13/2014 -DEPTH



06/13/2014 - ELEVATION



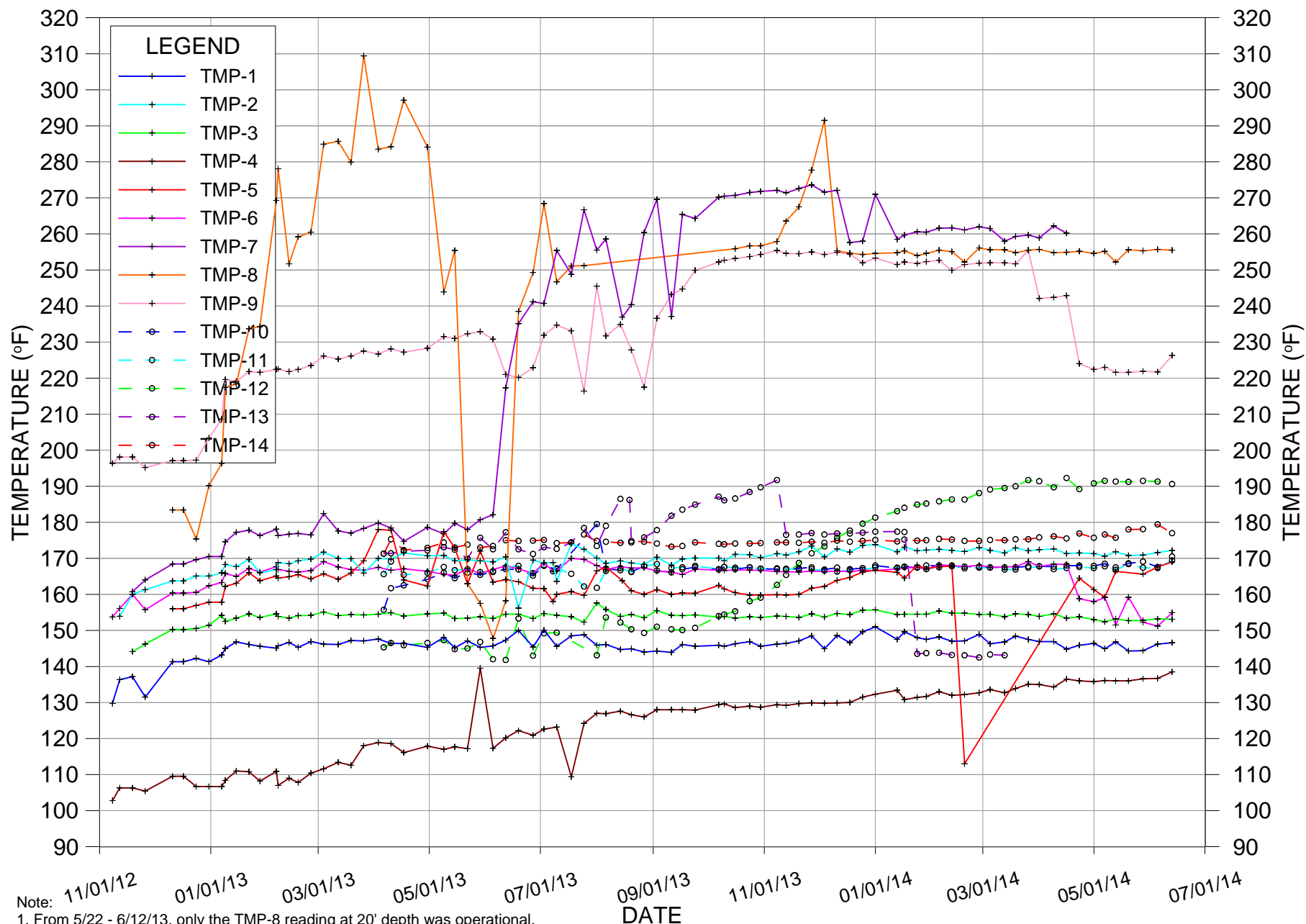
AVERAGE TEMPERATURES



- Note:
- From 5/22 - 6/12/13, only the TMP-8 reading at 20' depth was operational.
No valid readings were obtained for TMP-8 from 8/1 to 10/10/2013. Valid readings from 20' to 40' resumed on 10/16/2013.
 - A new OMEGA dial was installed at TMP-7R on 6/12/2013 enabling more valid readings.
 - No valid readings were obtained for TMP-10 and TMP-12 on 7/18/2013 or 7/25/2013.
 - End terminals were replaced just prior to the 8/6/2013 readings with type T Omega connectors (part # SMPW-CC-T-M) on all TMPs except for TMP-8.

TEMPERATURE VS TIME
BRIDGETON LANDFILL

MAXIMUM TEMPERATURES



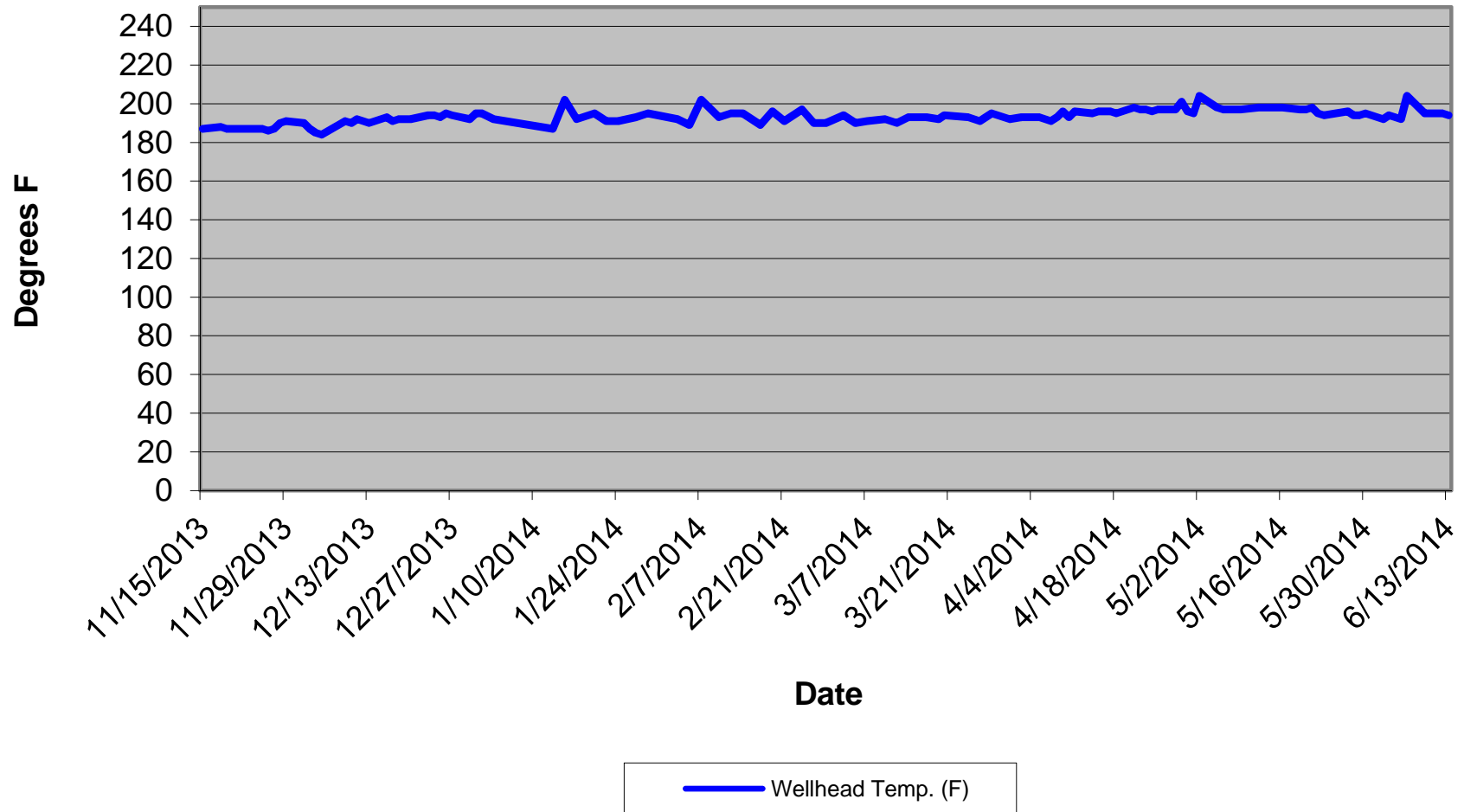
- Note: 11/01/12 01/01/13 03/01/13 05/01/13 07/01/13 09/01/13 11/01/13 01/01/14 03/01/14 05/01/14 07/01/14
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TEMPERATURE VS TIME
BRIDGETON LANDFILL

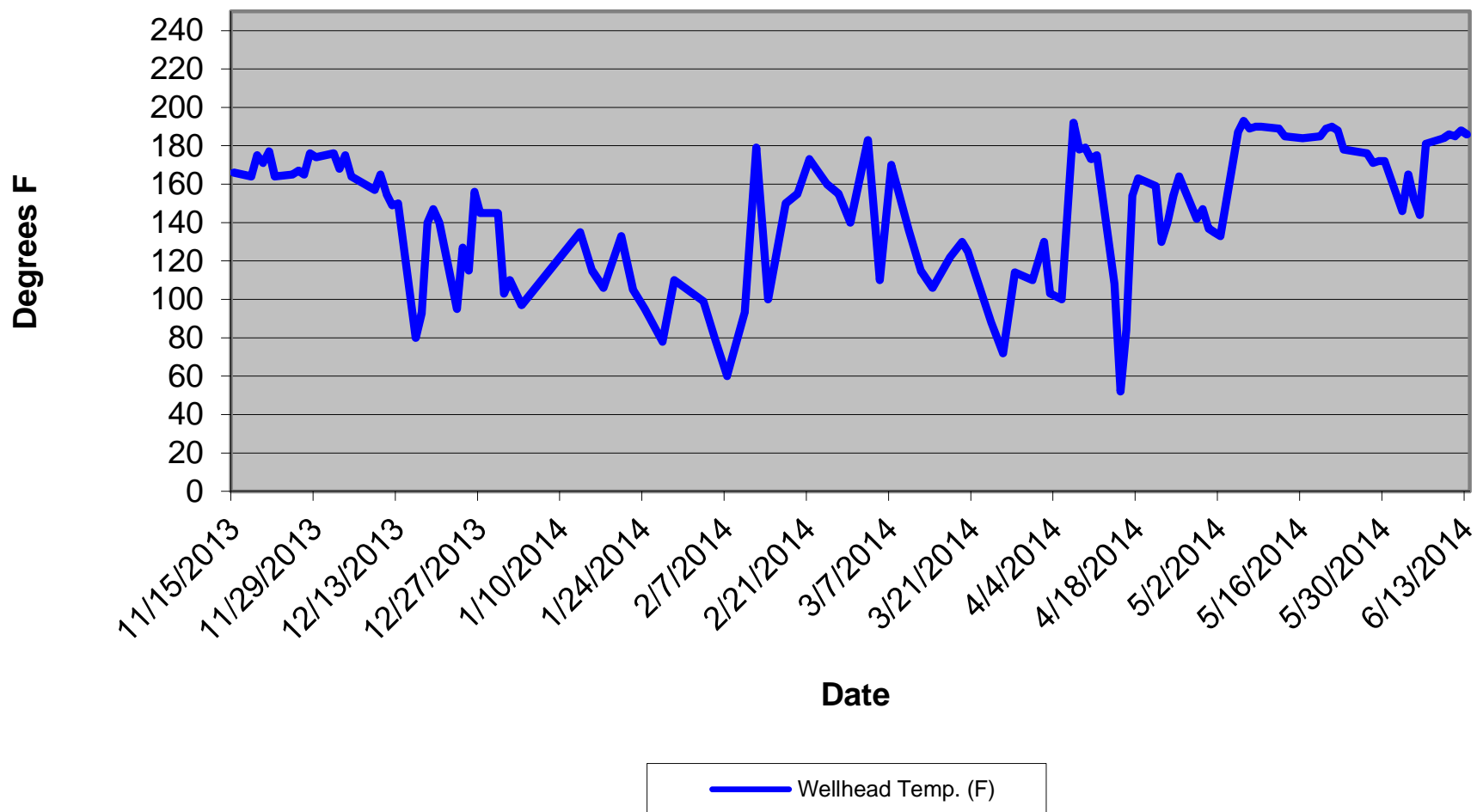
ATTACHMENT C

GAS INTERCEPTOR WELLHEAD TEMPERATURE GRAPHS

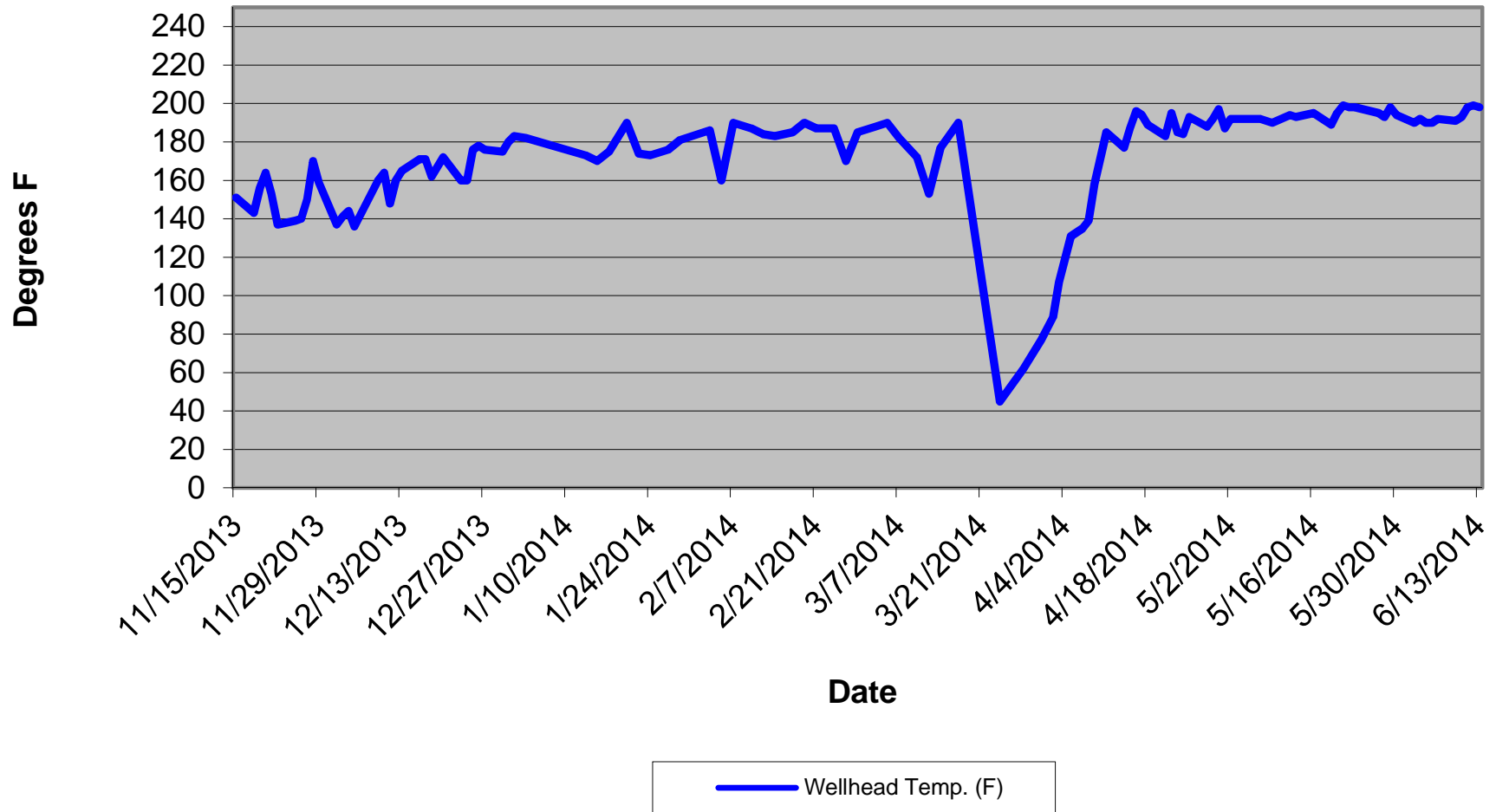
GIW-1 Wellhead Temperatures



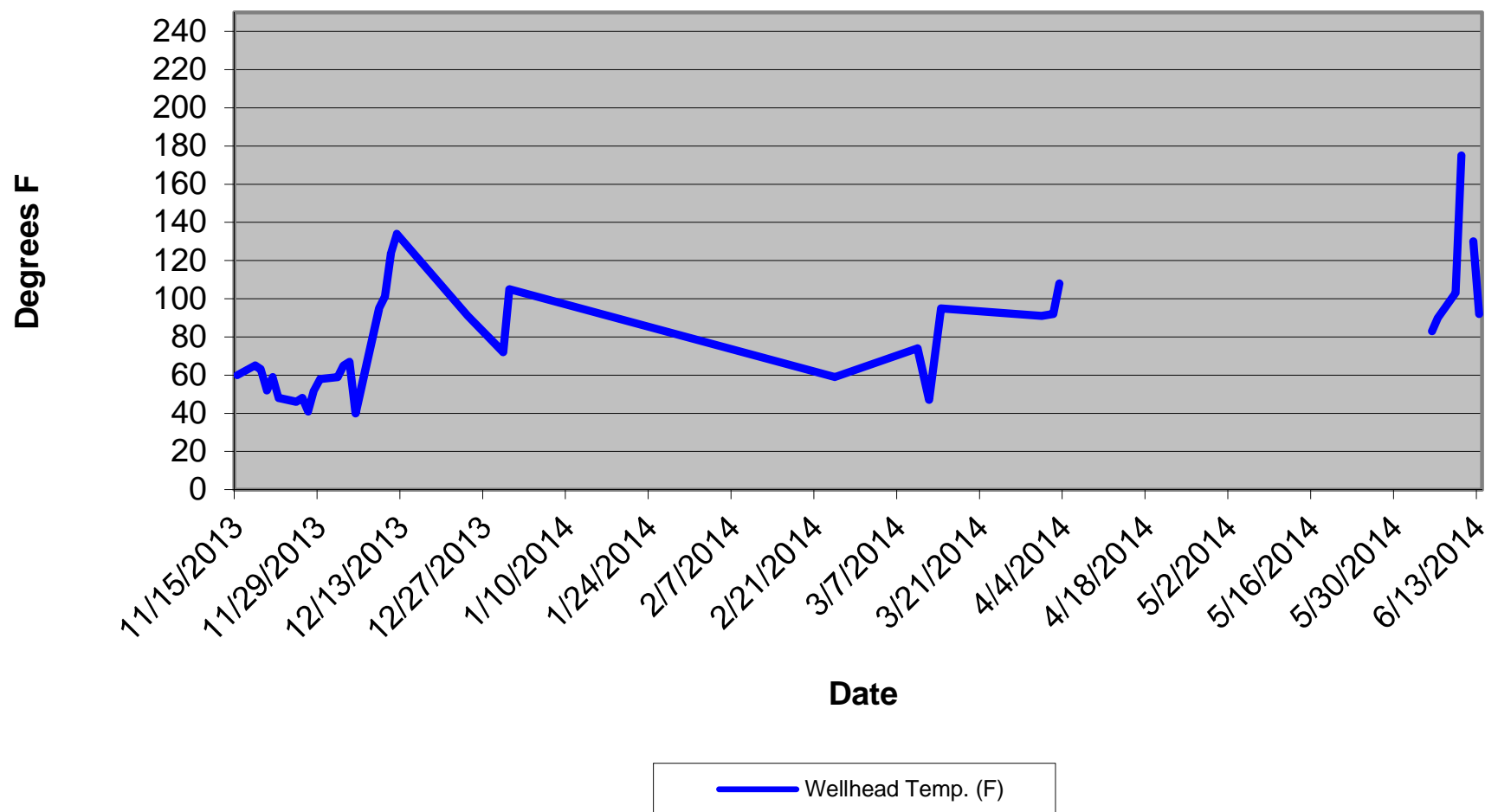
GIW-2 Wellhead Temperatures



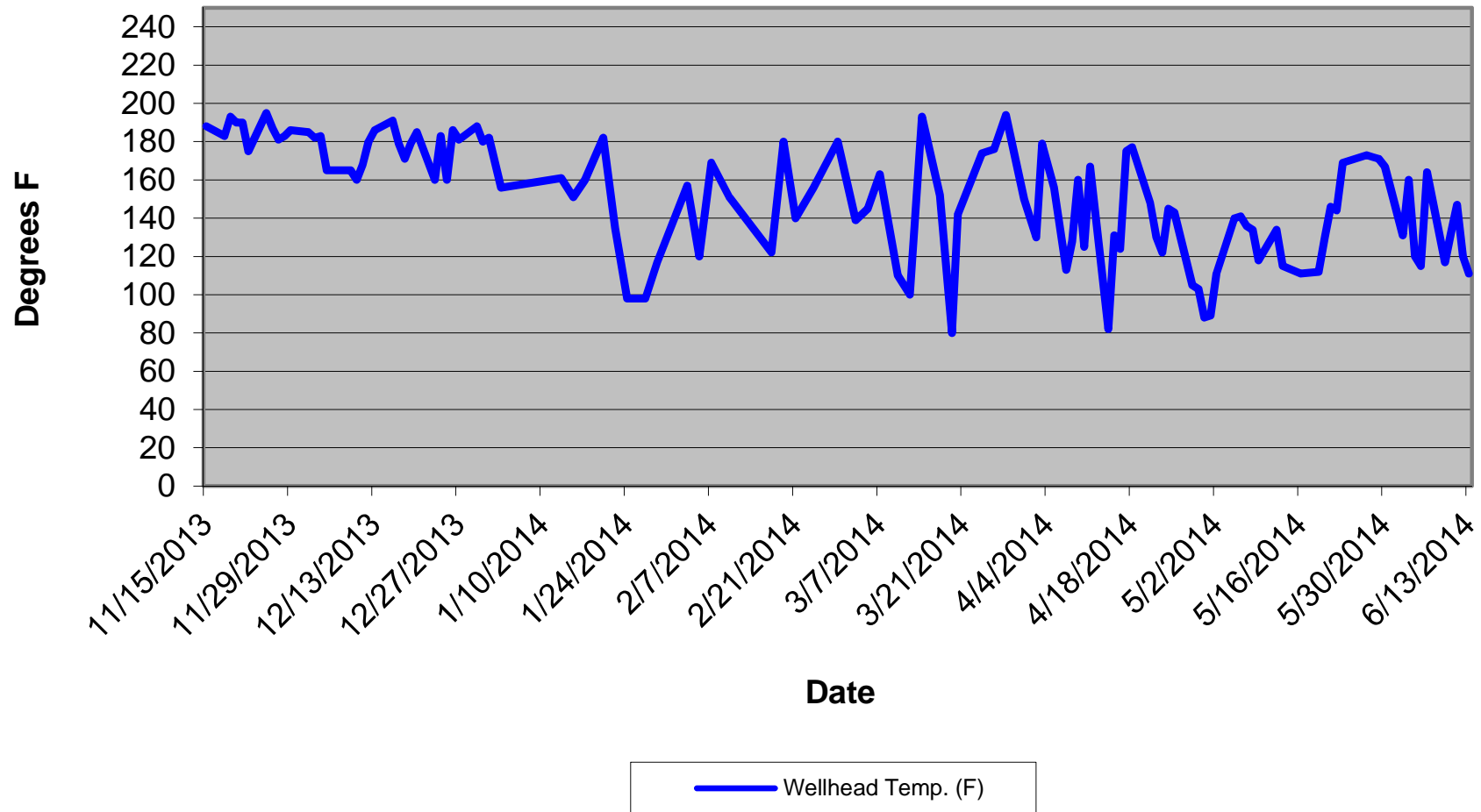
GIW-3 Wellhead Temperatures



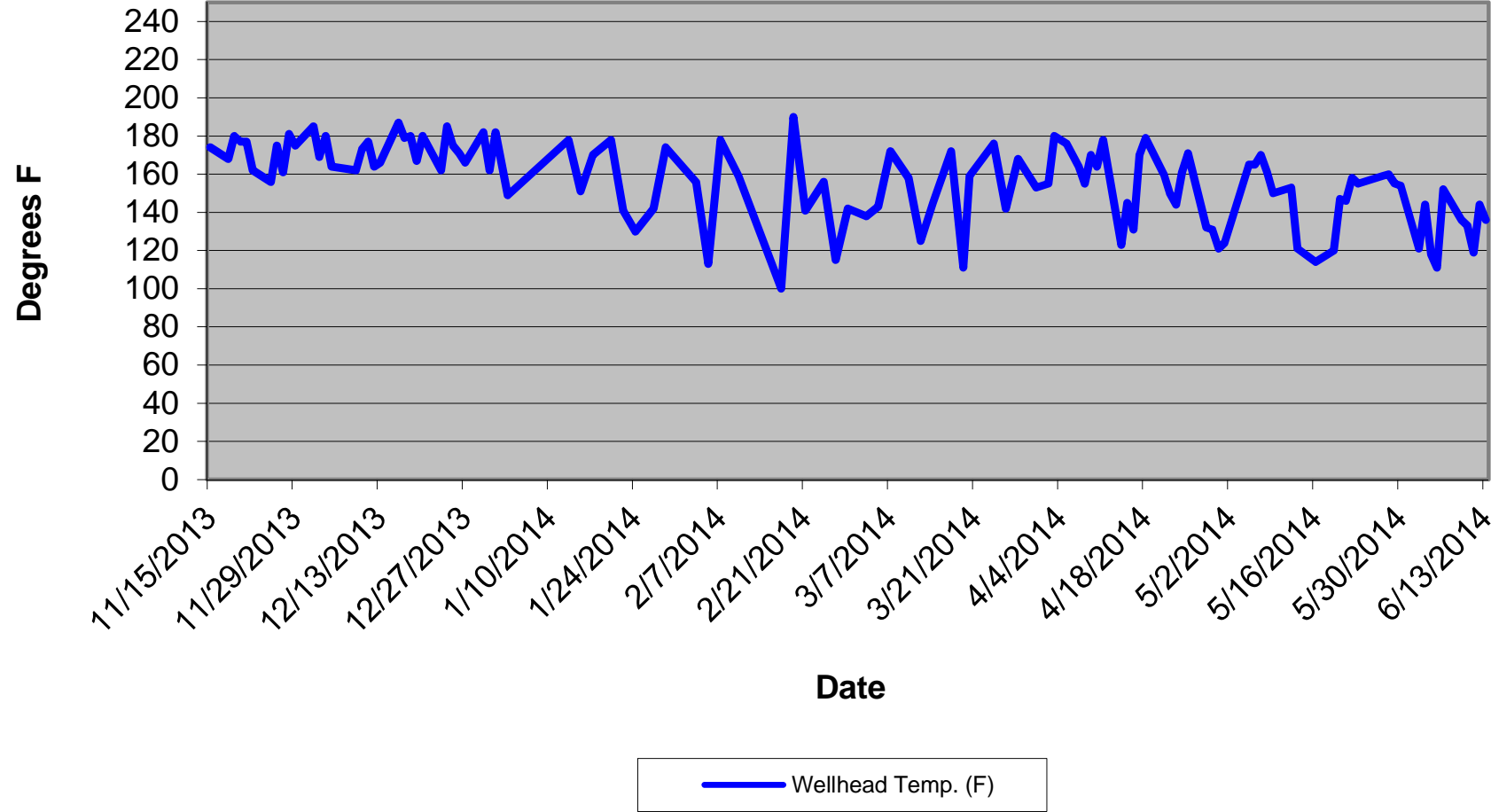
GIW-4 Wellhead Temperatures



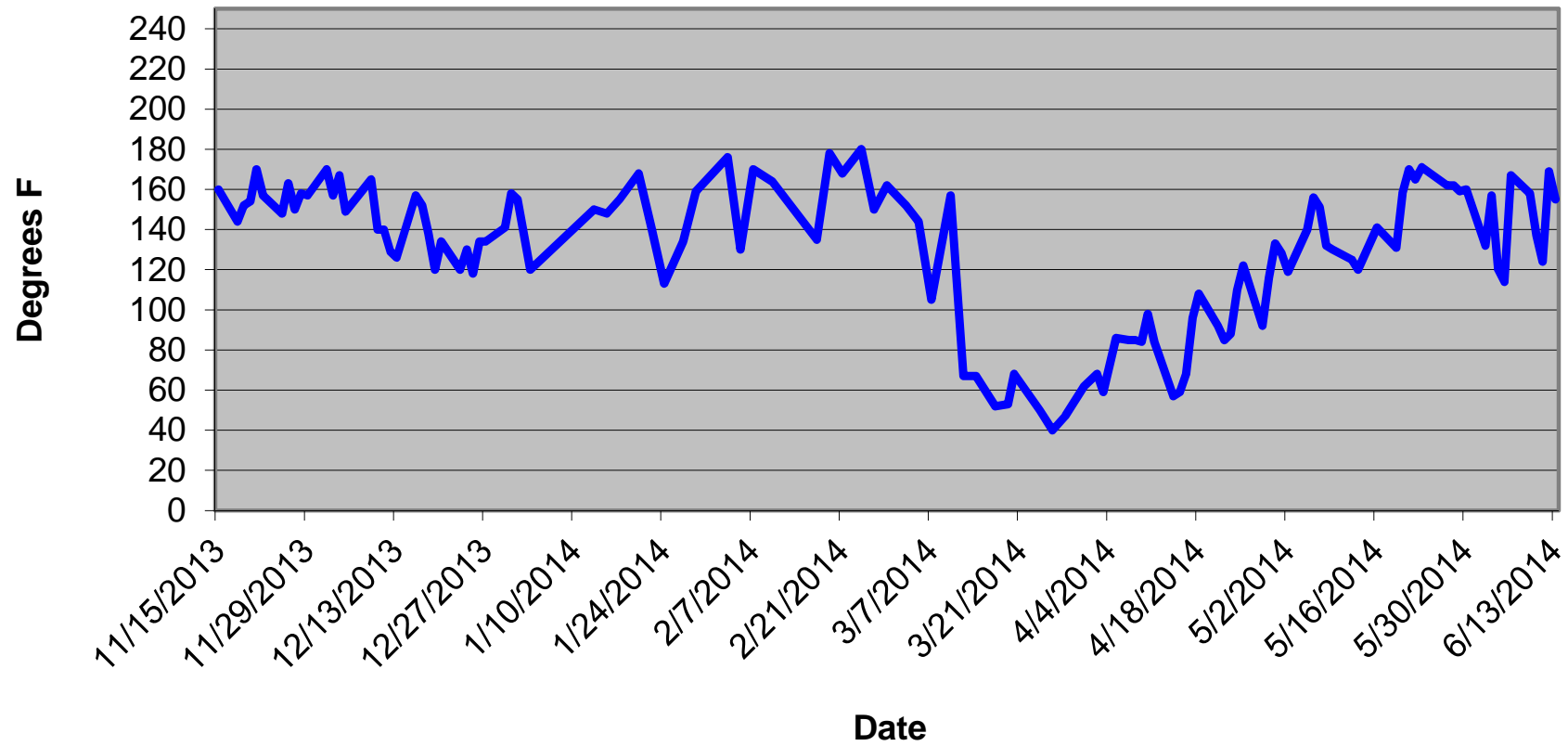
GIW-5 Wellhead Temperatures



GIW-6 Wellhead Temperatures

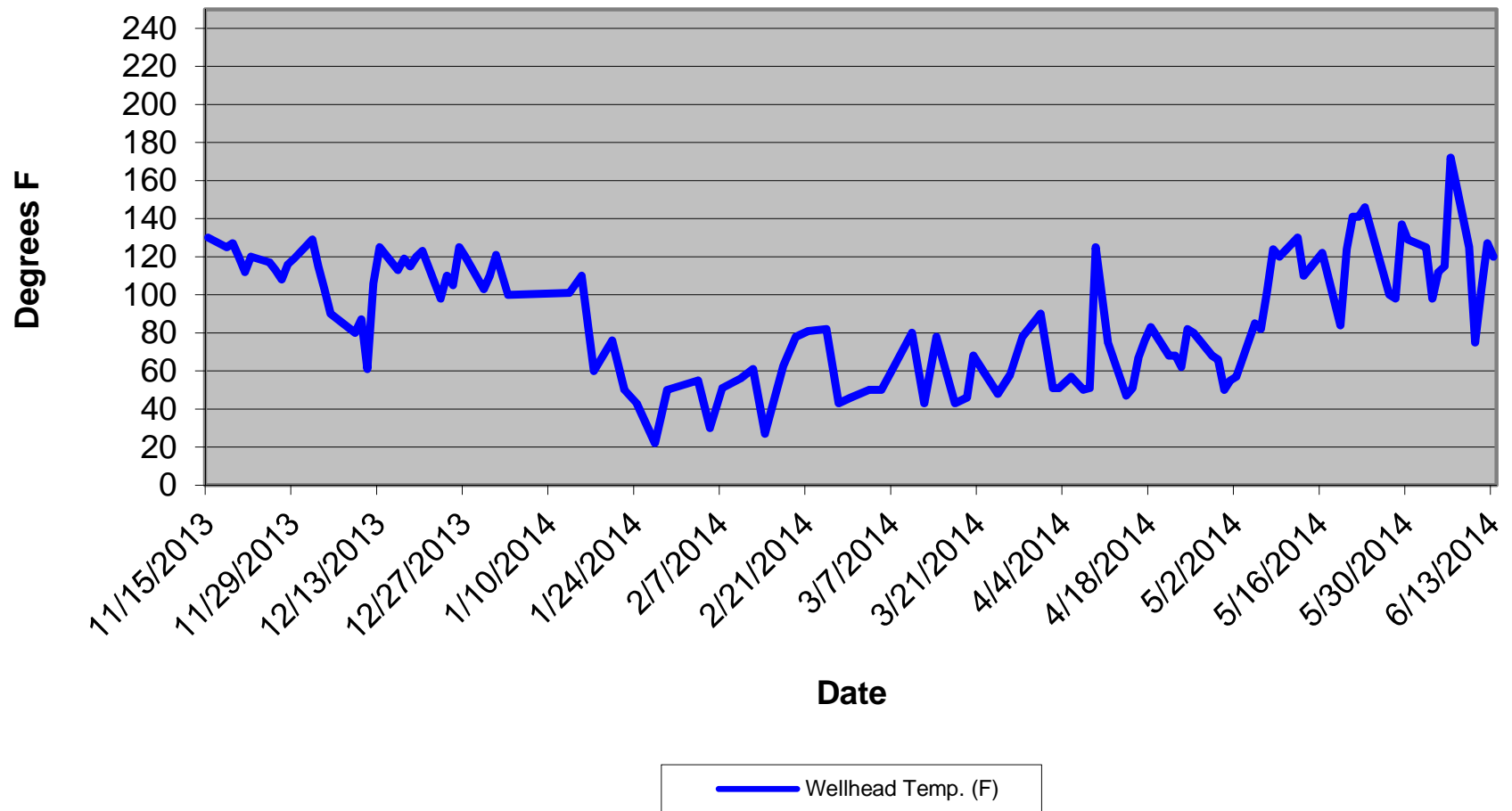


GIW-7 Wellhead Temperatures

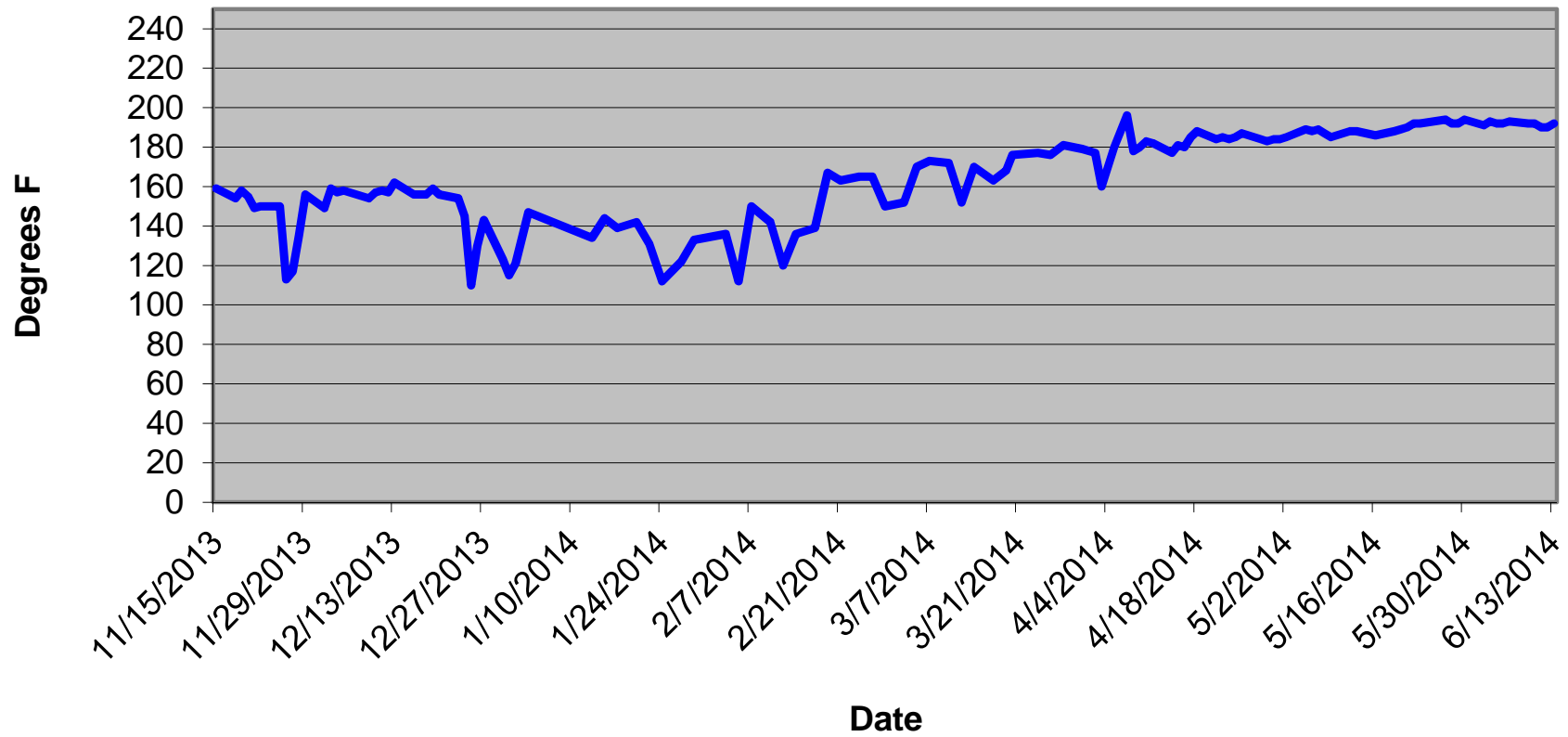


Wellhead Temp. (F)

GIW-8 Wellhead Temperatures

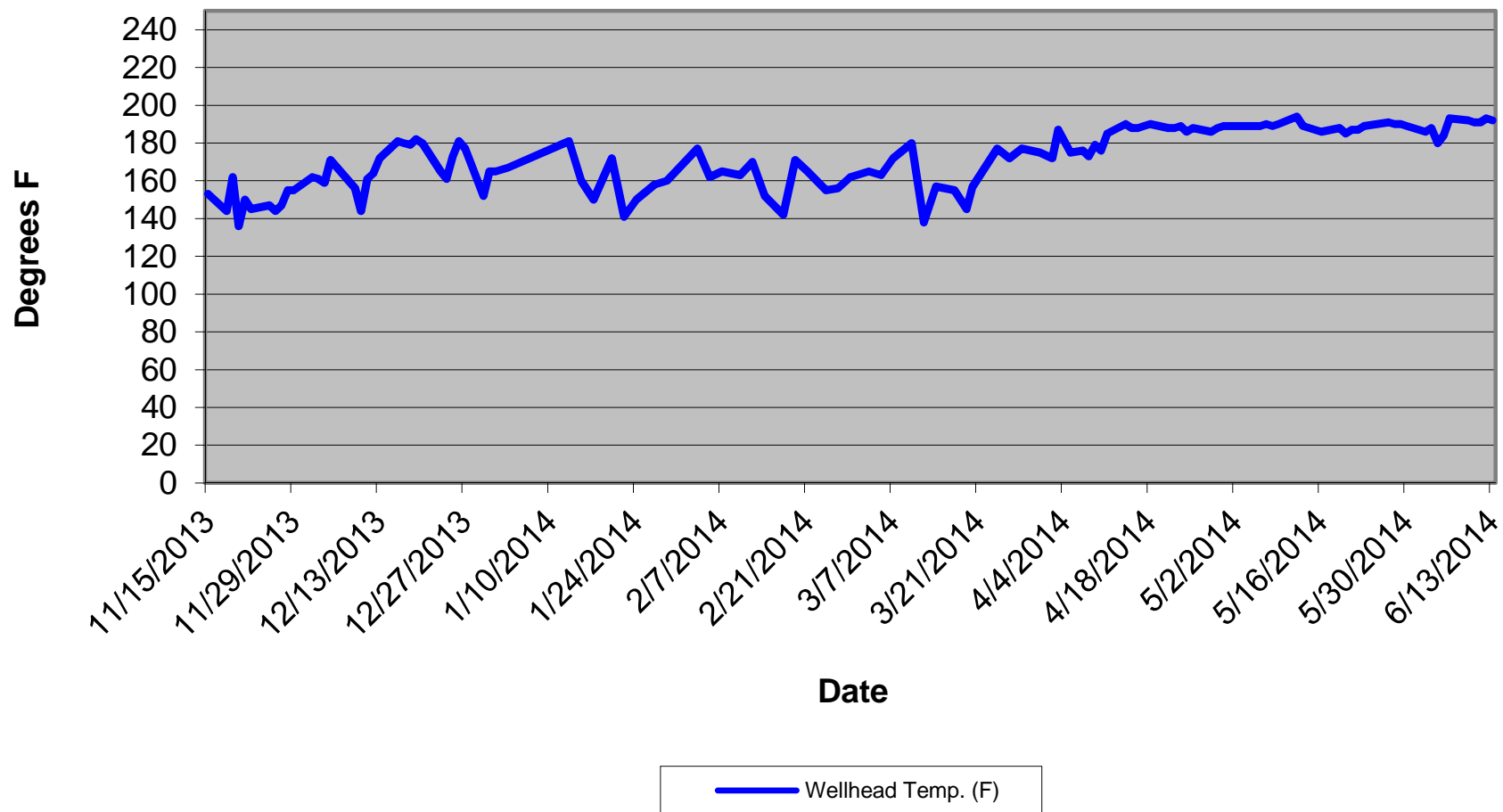


GIW-9 Wellhead Temperatures

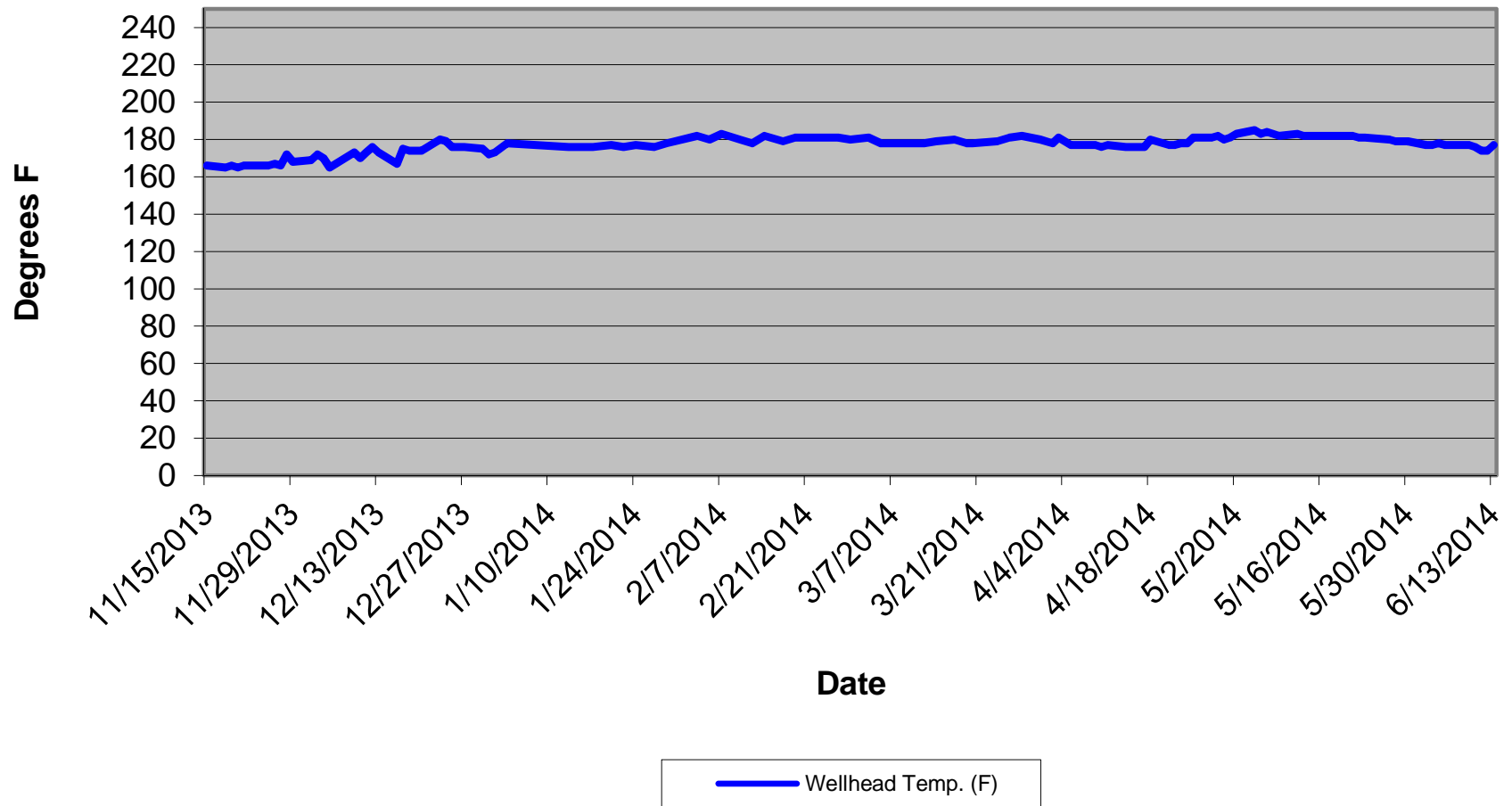


Wellhead Temp. (F)

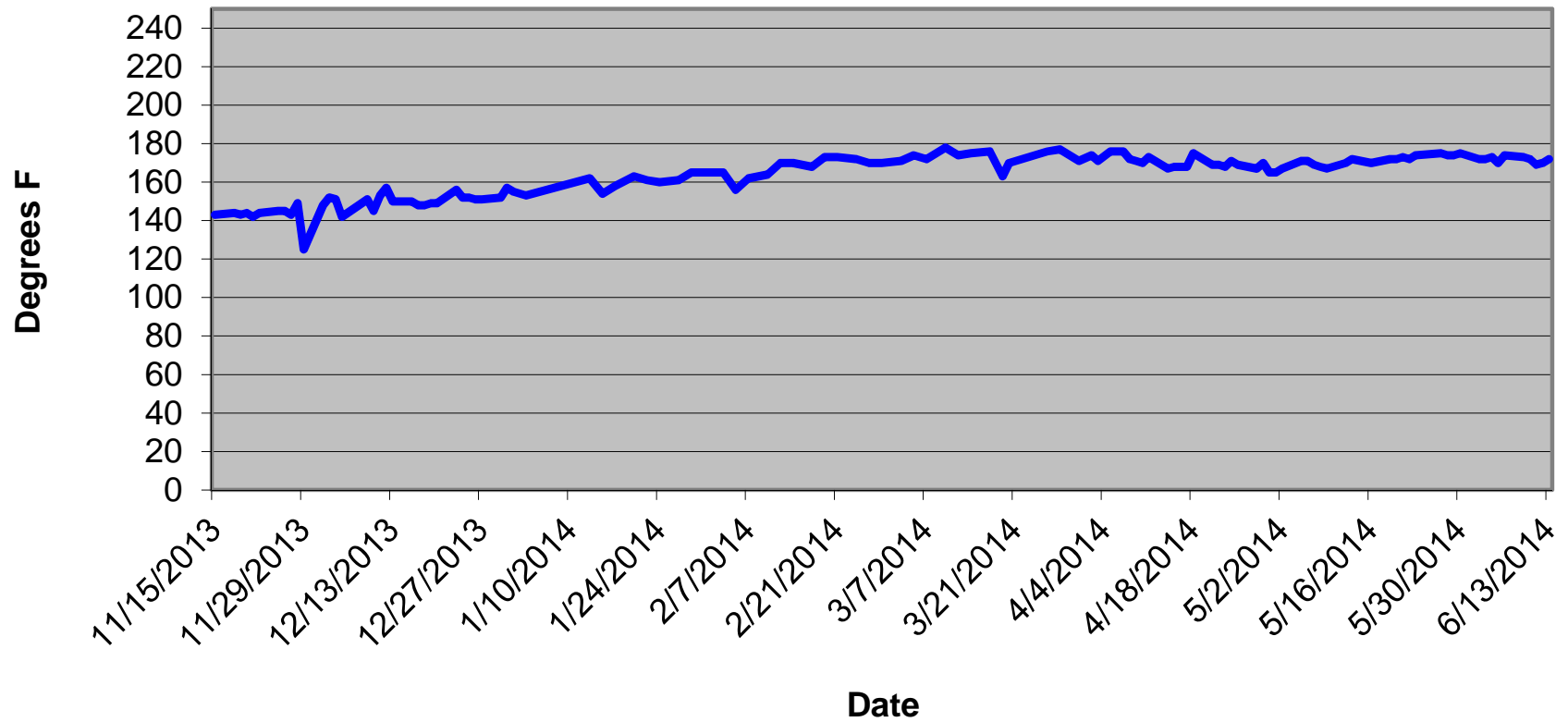
GIW-10 Wellhead Temperatures



GIW-11 Wellhead Temperatures



GIW-12 Wellhead Temperatures



Wellhead Temp. (F)

GIW-13 Wellhead Temperatures

