

# **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**

**September 30, 2014**

## **Commentary on Data**

### **Attachment A – Leachate Levels in Leachate Collection Sumps**

LCS-1D, -3C, -5A, and -6B were partially or fully operational during the weekly reporting period.

The pump in LCS-2D was off during the weekly monitoring event due to an “over current” error.

The transducer melted in LCS-3D in March 2014 and is currently non-operational.

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.

### **Attachment B - Temperature Monitoring Probe Analytical Charts**

The following TMPs indicated generally consistent profiles to previous observations: TMP-1, -2, -3, -4, -5, -6, -8, -9, -10, -11, -12, -14, -16, -17, and -18. However, it should be noted that the 55-foot interval in TMP-12 increased slightly in the latest reading.

TMP-7, -7R, -13, and -15 have been removed from the presentation based on unreliable thermocouple measurements or other documented issues.

### **Attachment C - 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 to slightly higher with regards to gas wellhead temperatures previously measured at each location.

The water circulation cooling loop is currently installed in GIW-4.

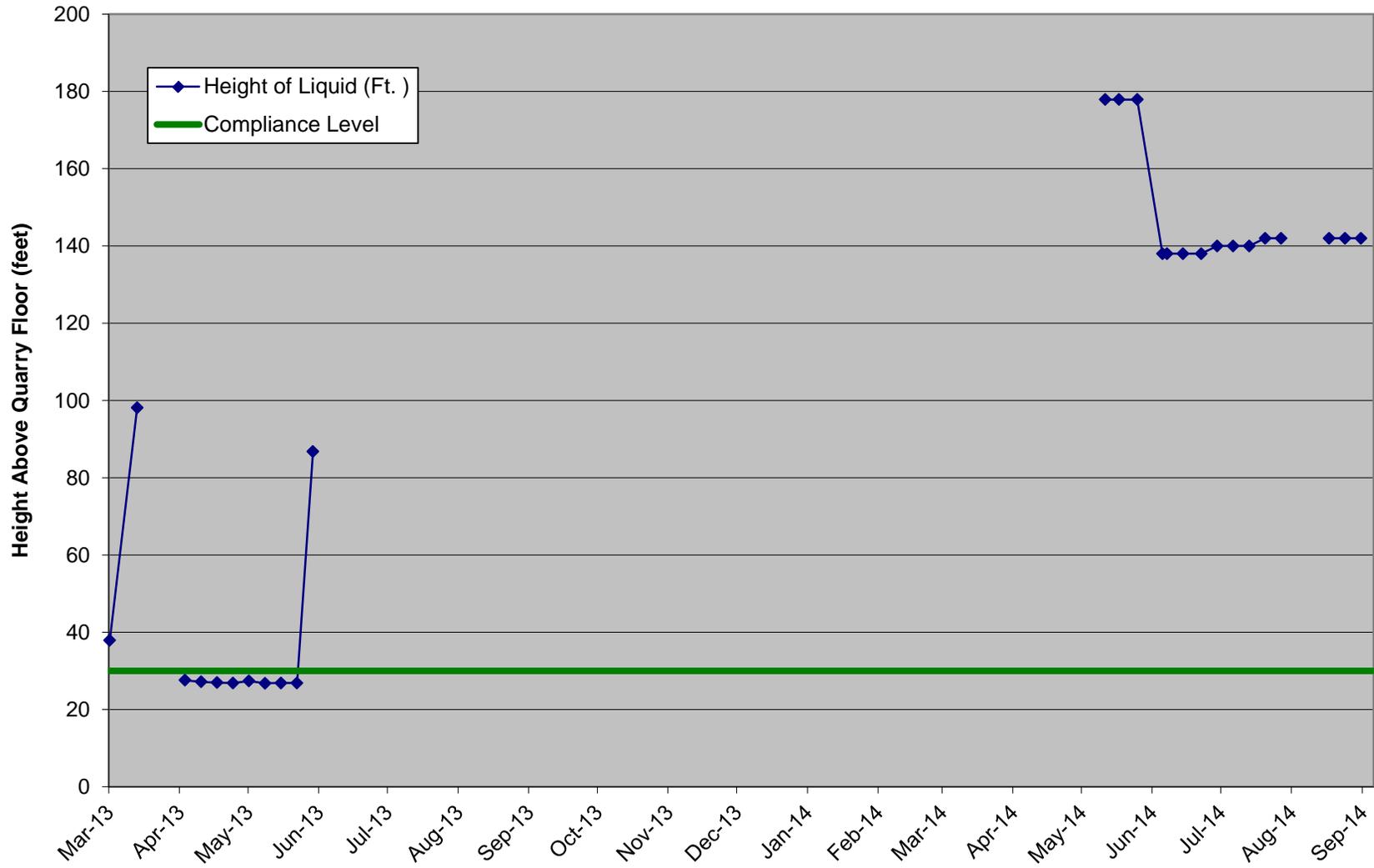
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**ATTACHMENT A**

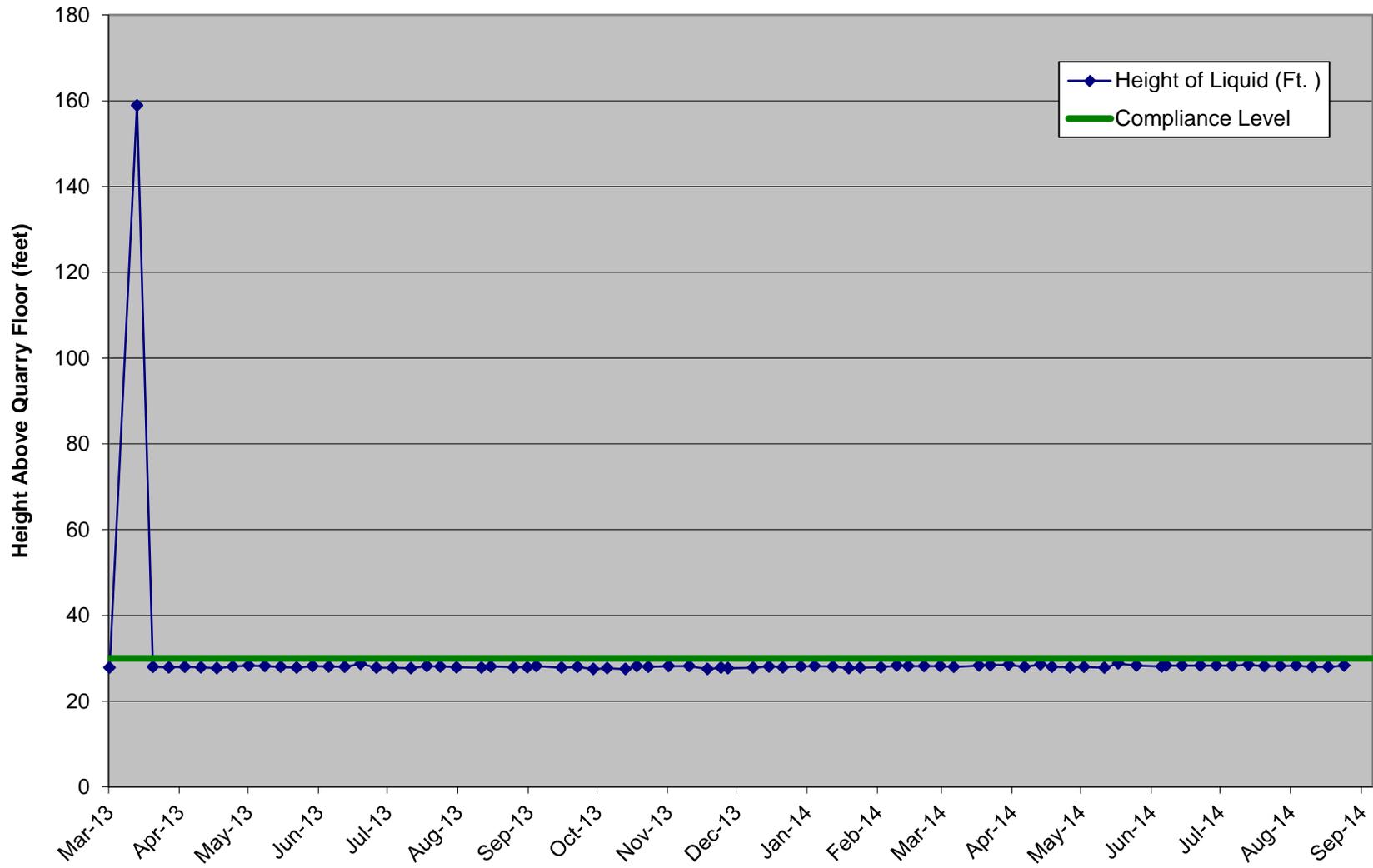
**LEACHATE LEVELS IN LEACHATE COLLECTION SUMPS**

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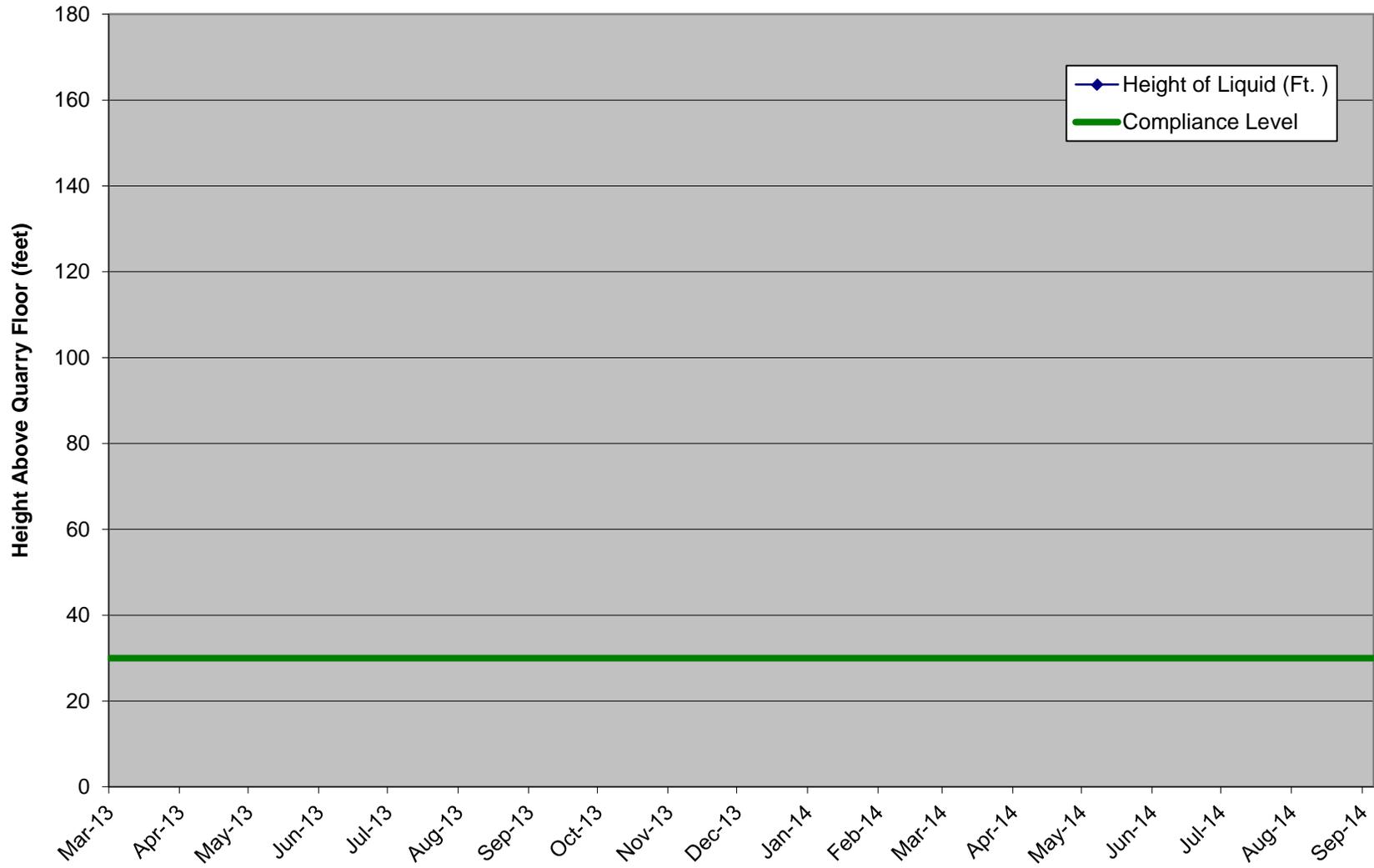
### LCS-1D Liquid Level Above Quarry Floor



### LCS-2D Liquid Level Above Quarry Floor

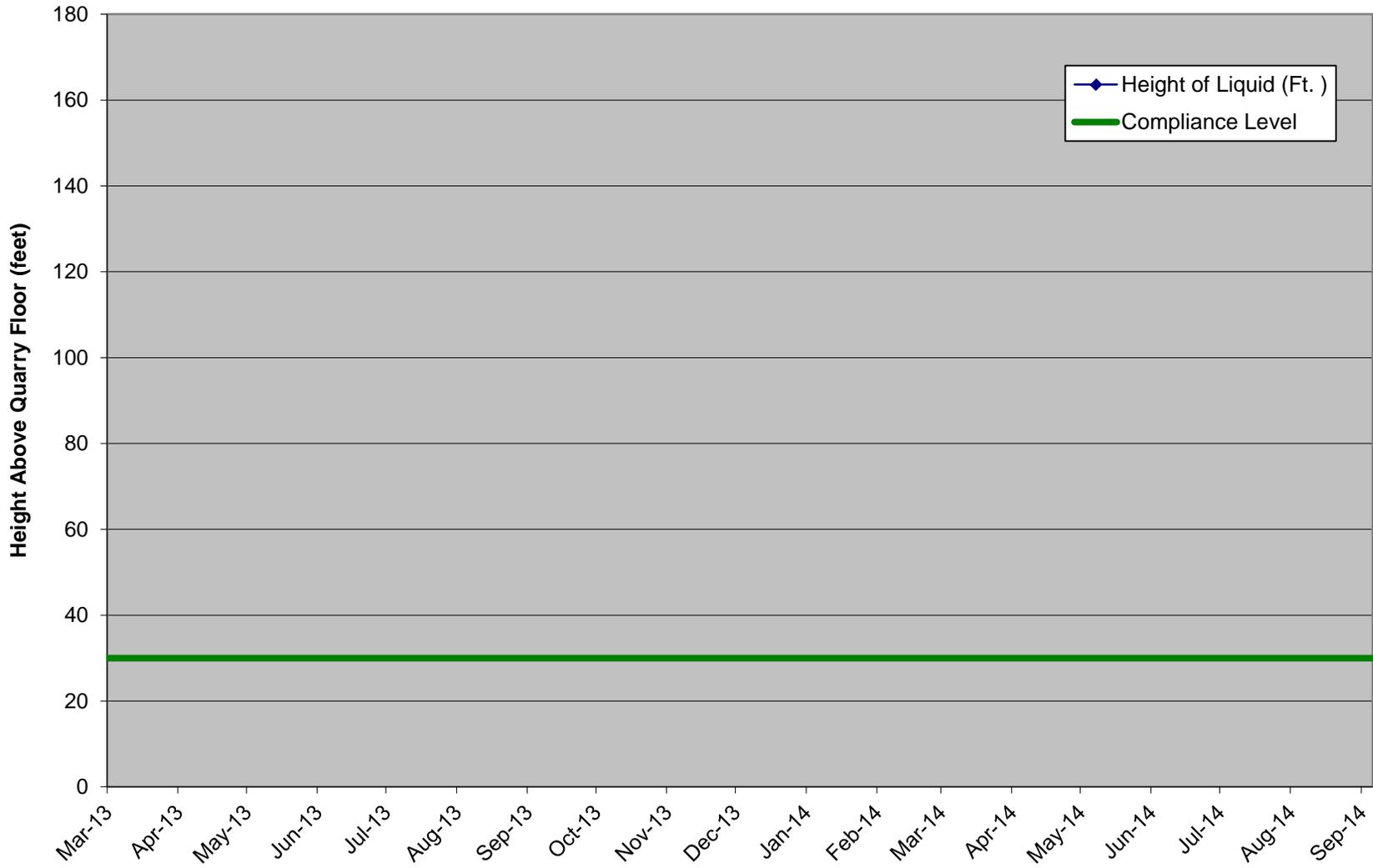


### LCS-3C Liquid Level Above Quarry Floor

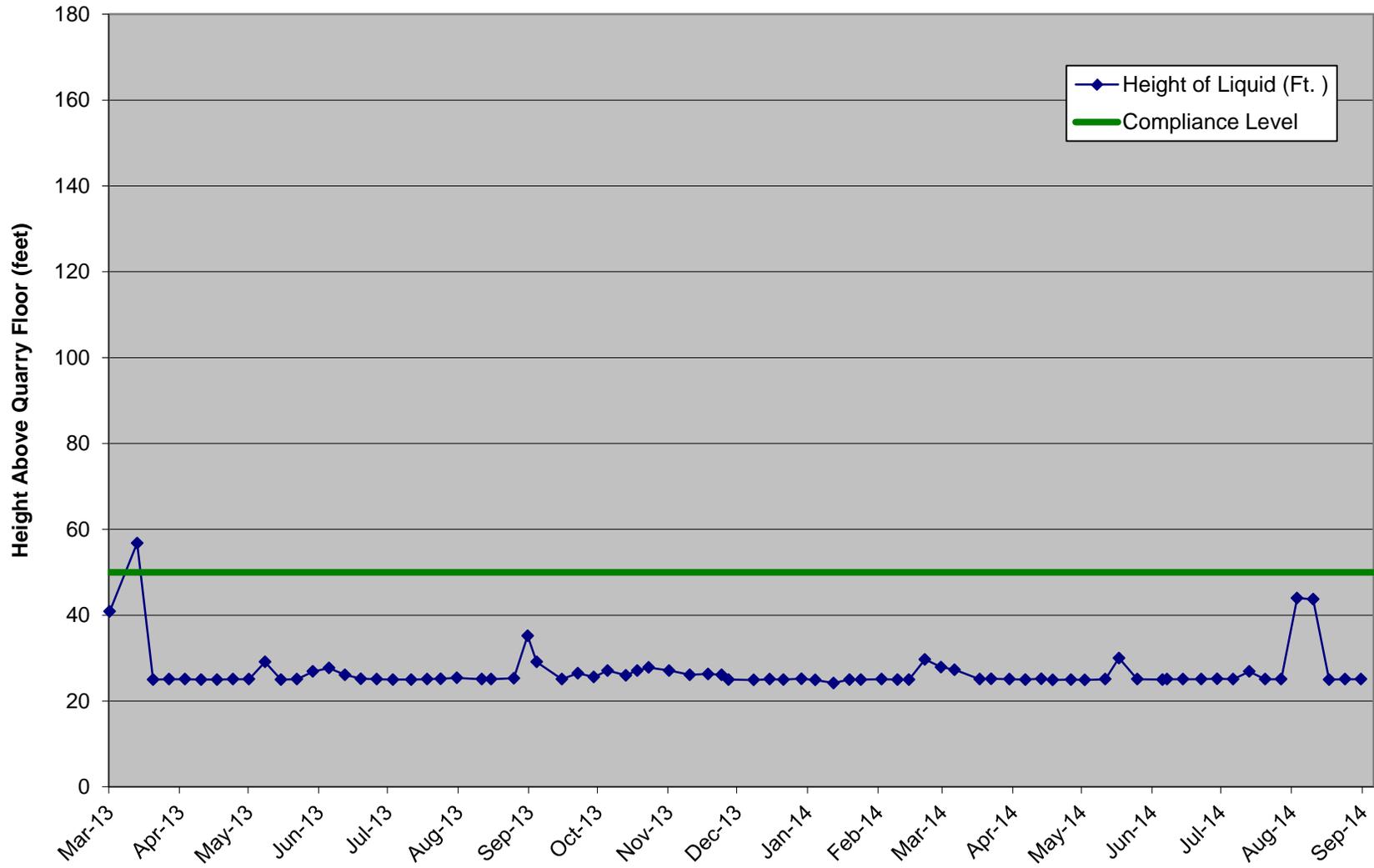




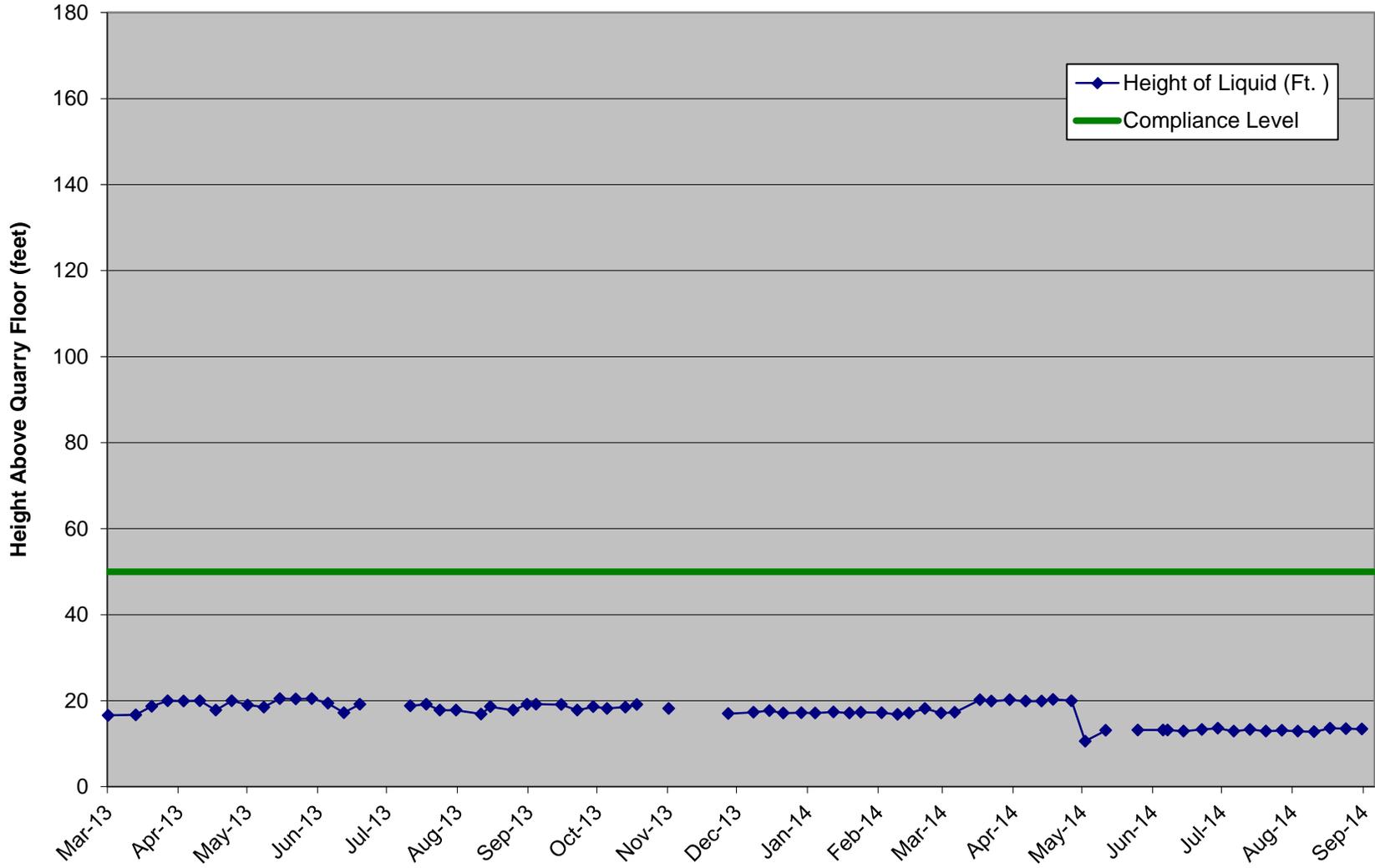
### LCS-4B Liquid Level Above Quarry Floor



### LCS-5A Liquid Level Above Quarry Floor



### LCS-6B Liquid Level Above Quarry Floor



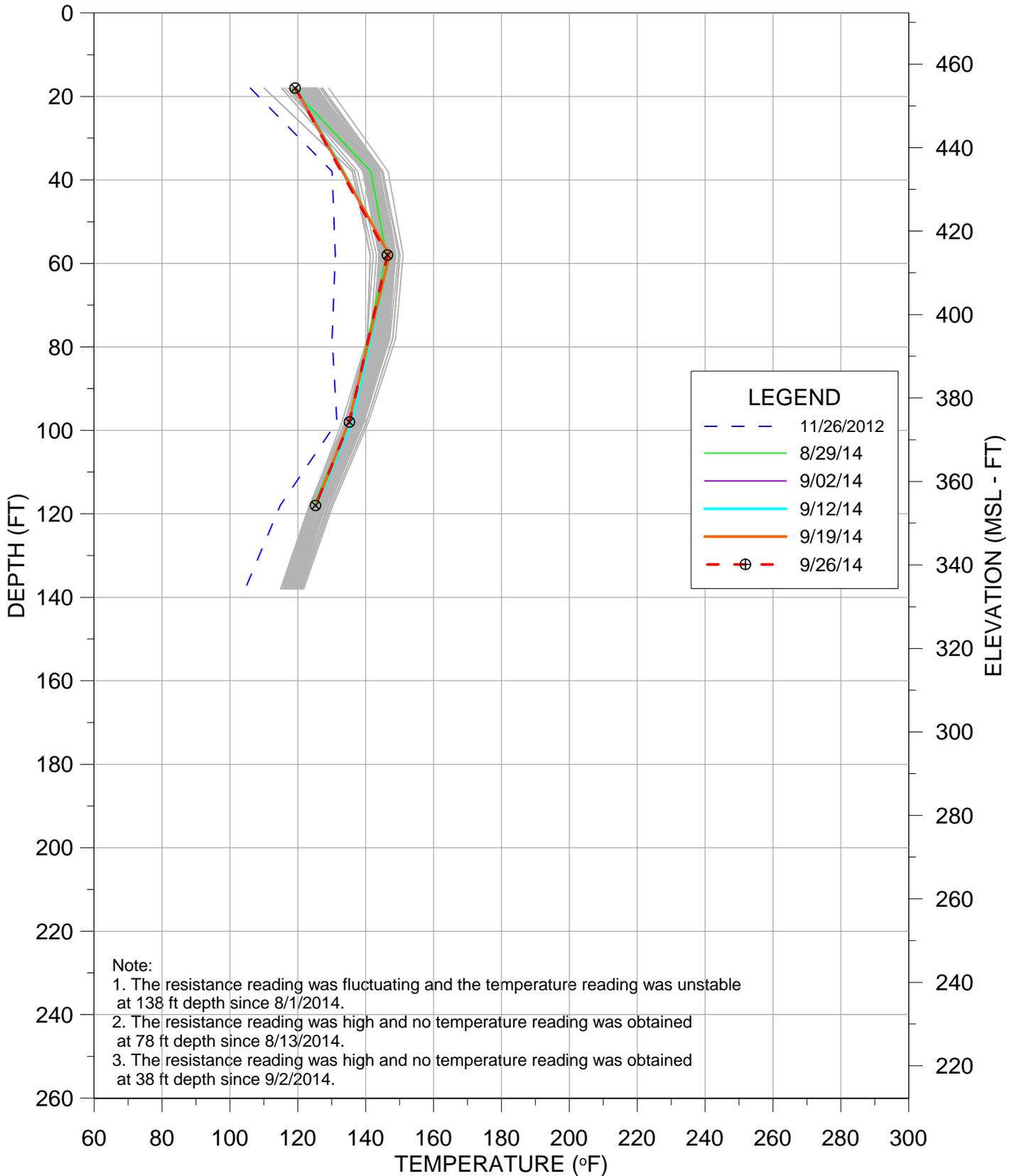
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**ATTACHMENT B**

**TEMPERATURE MONITORING PROBE ANALYTICAL CHARTS**

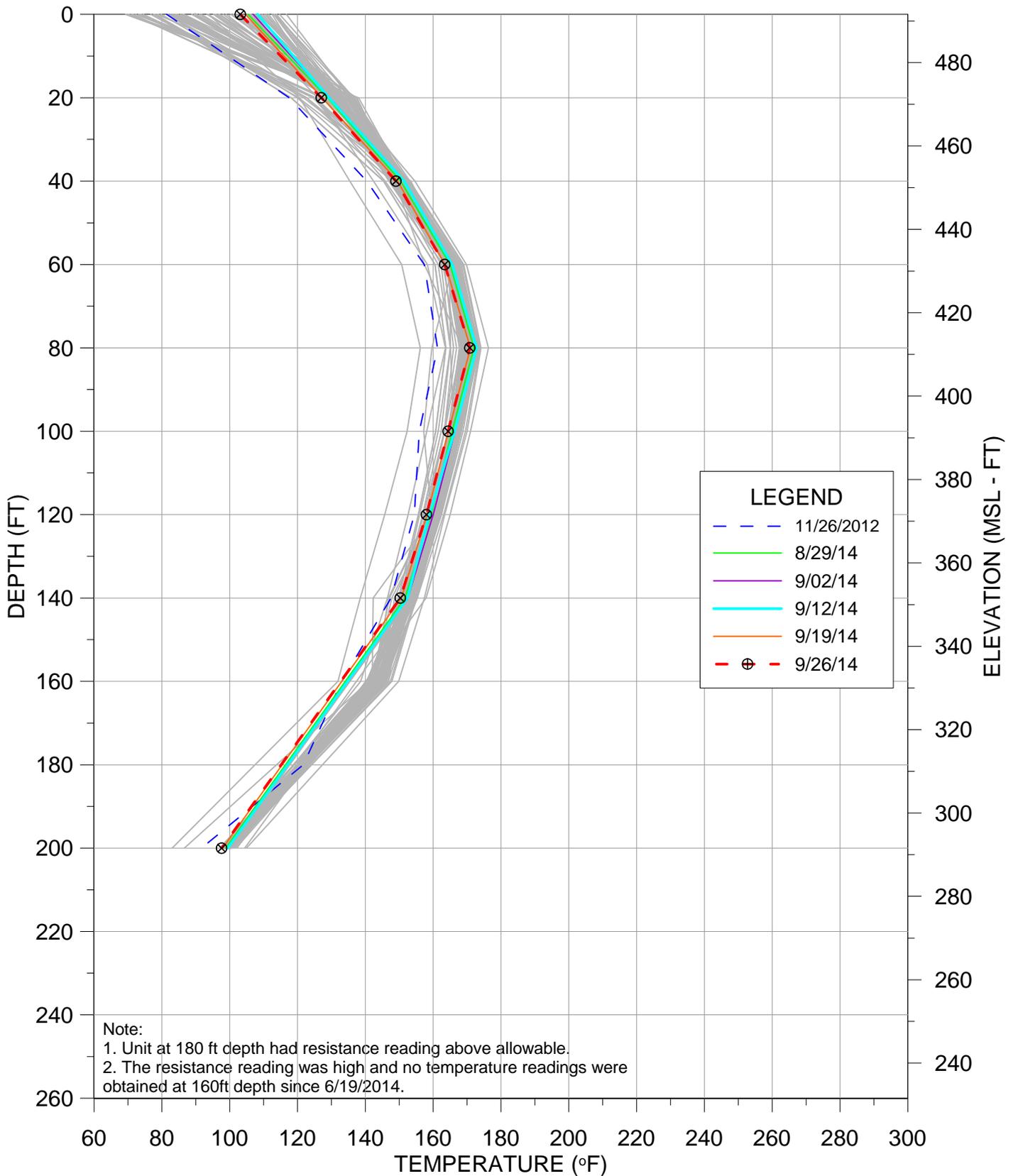
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# TMP-1



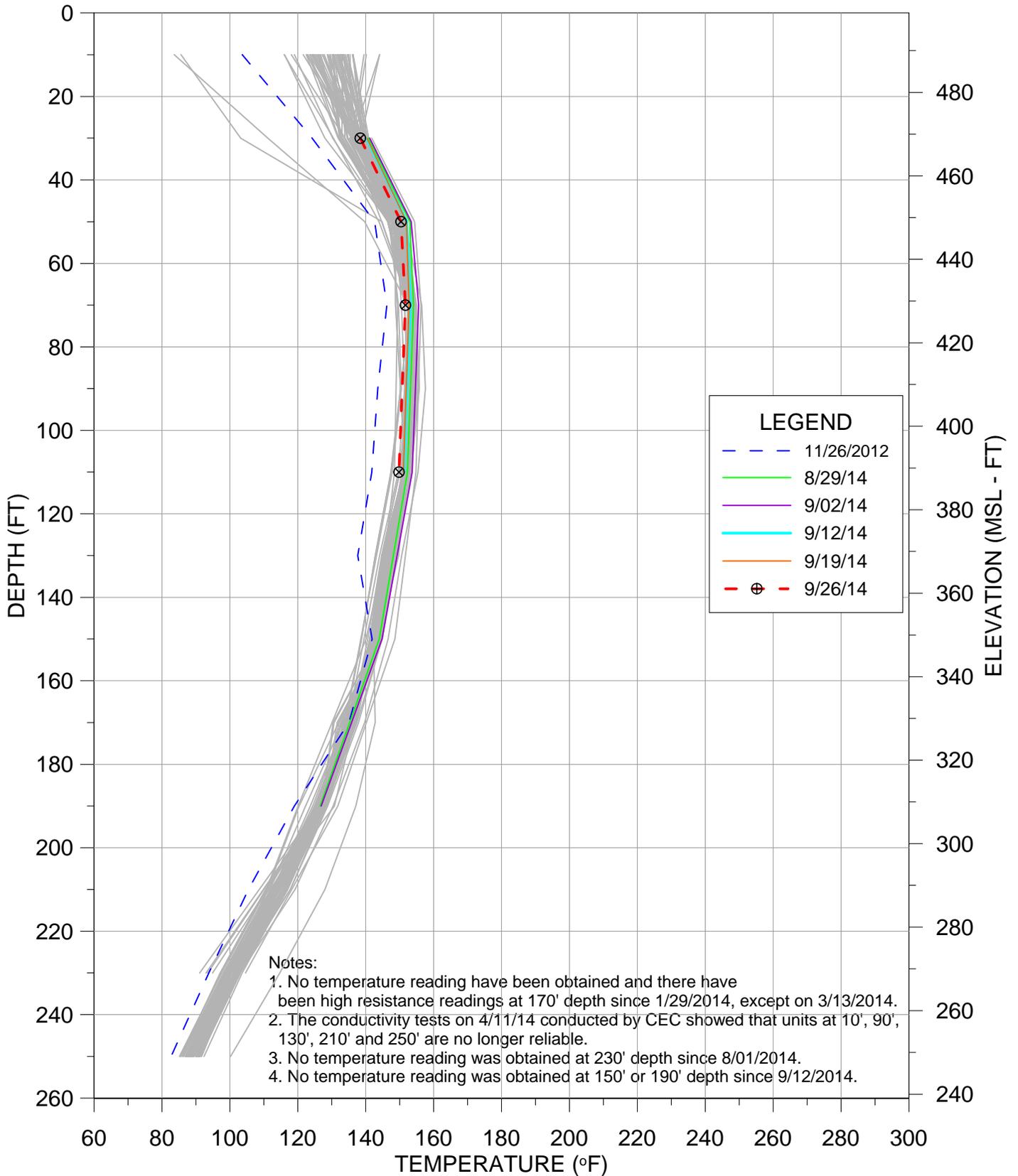
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-2



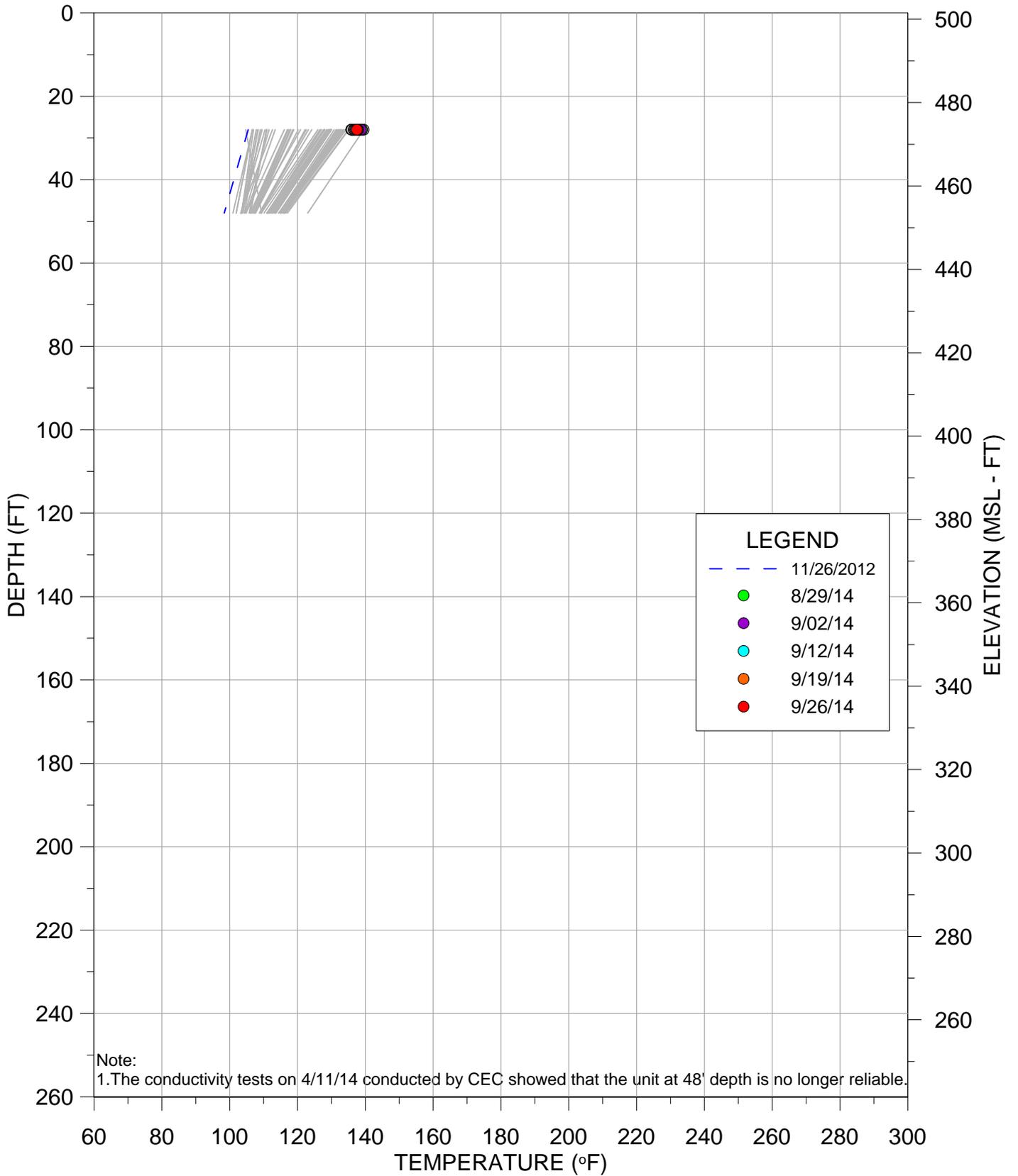
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-3



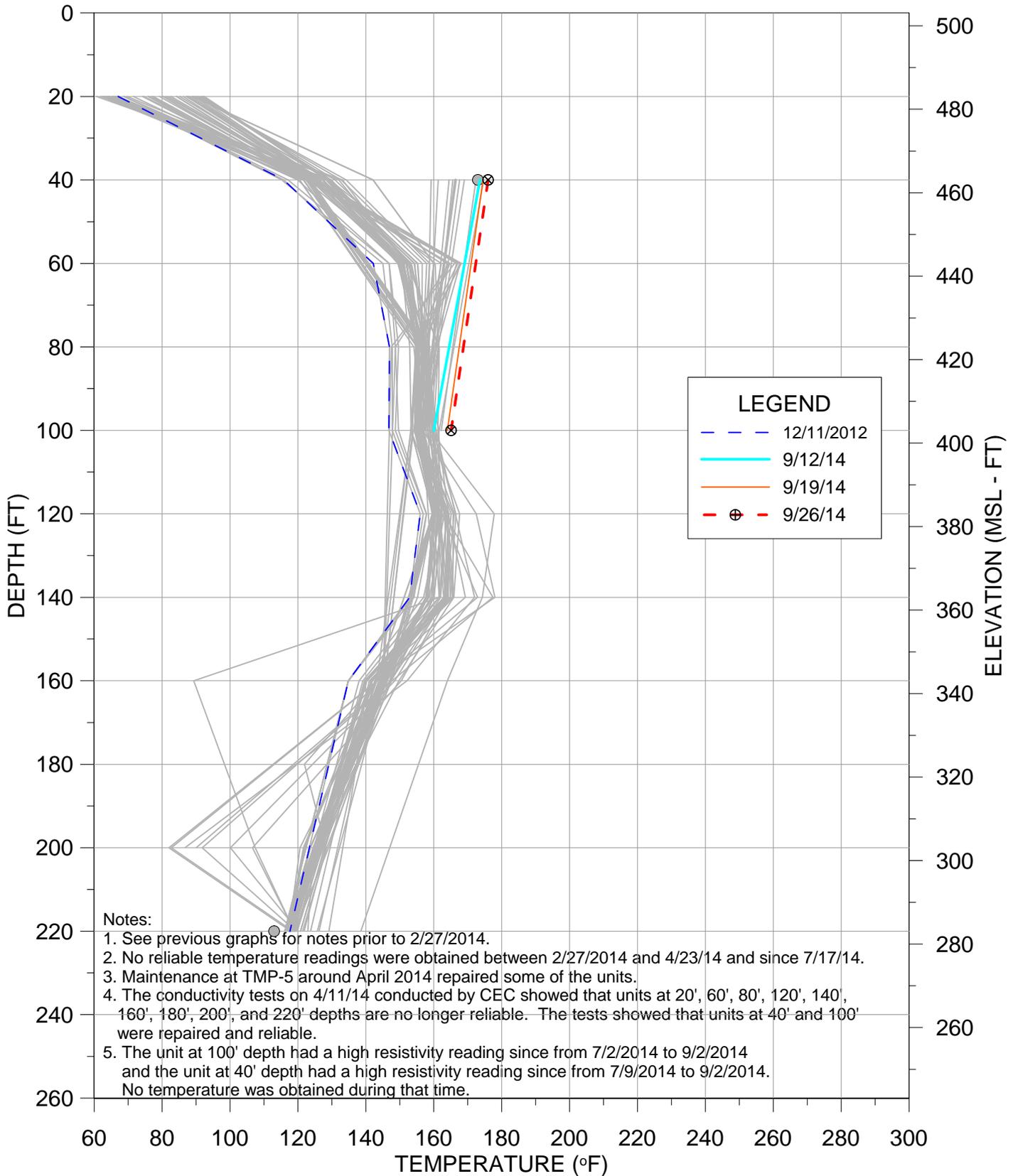
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-4



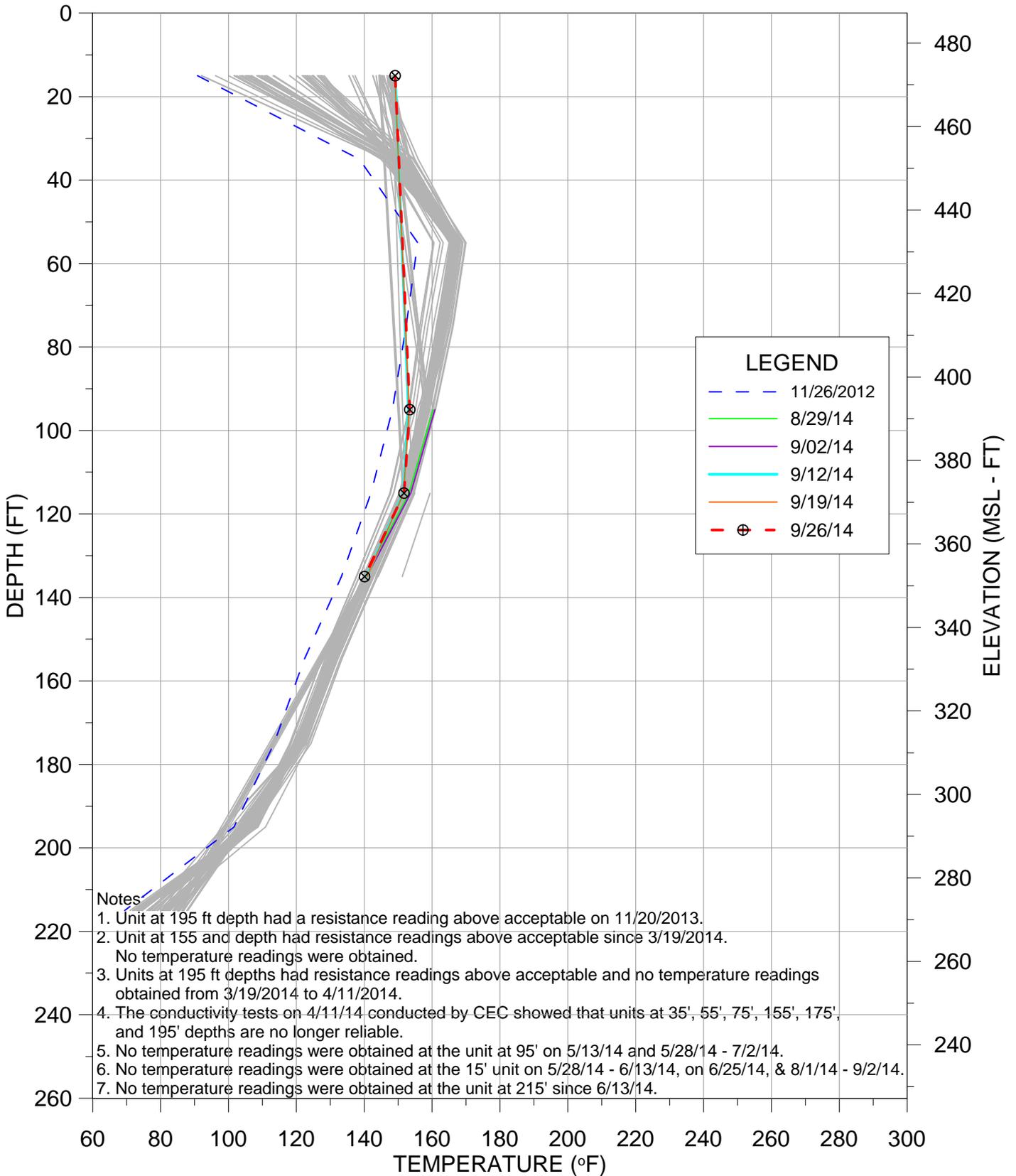
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-5



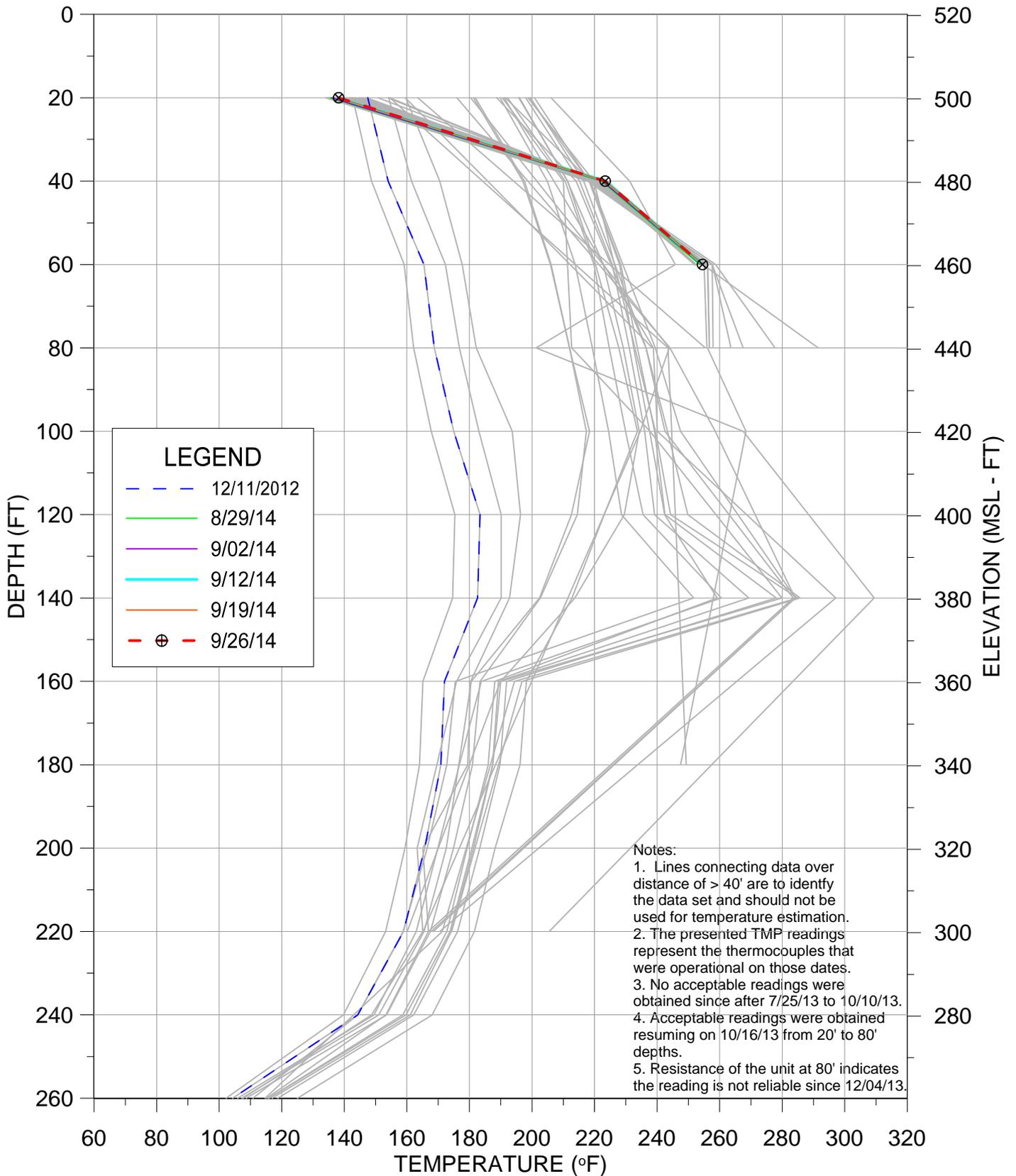
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-6



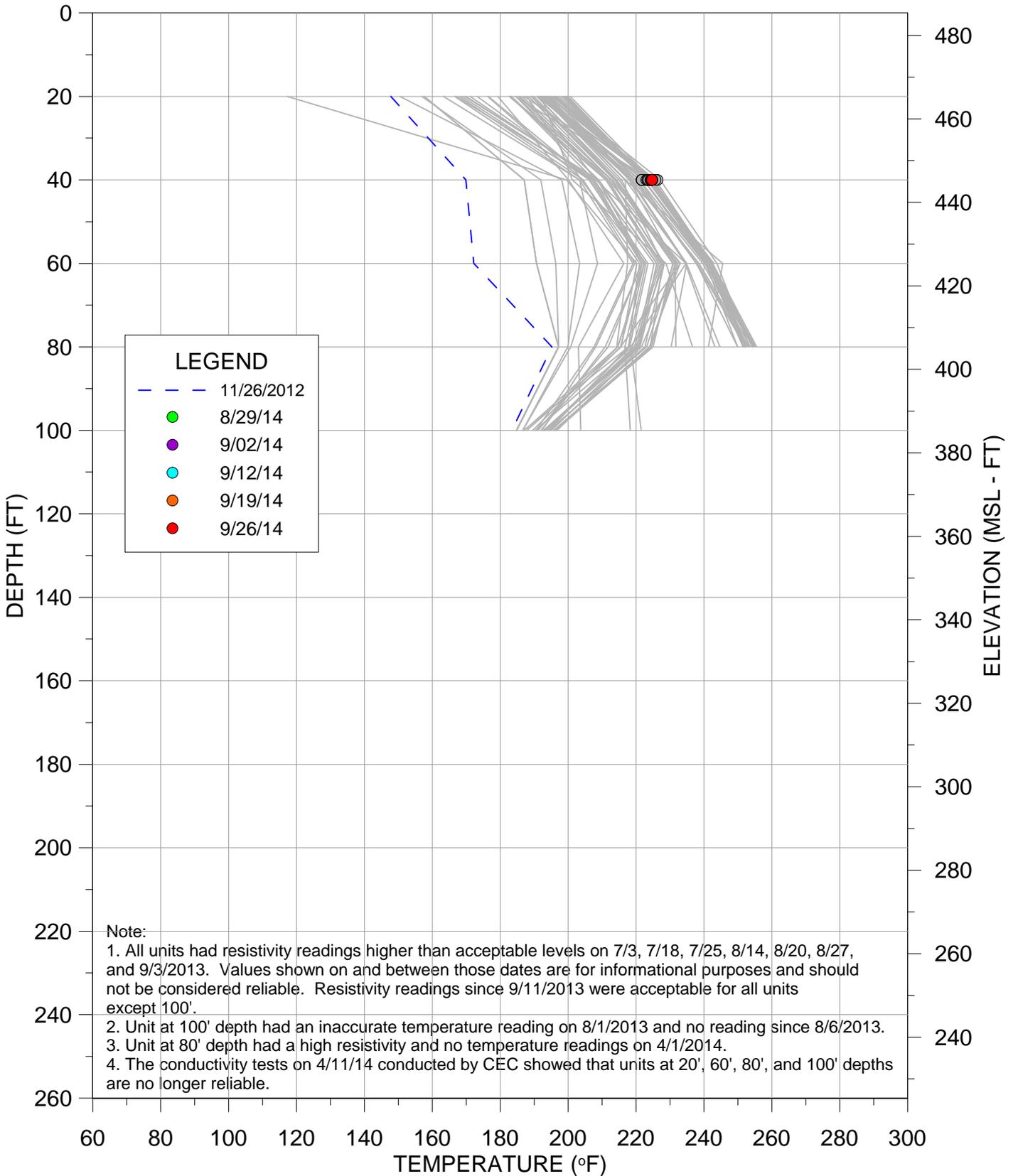
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-8



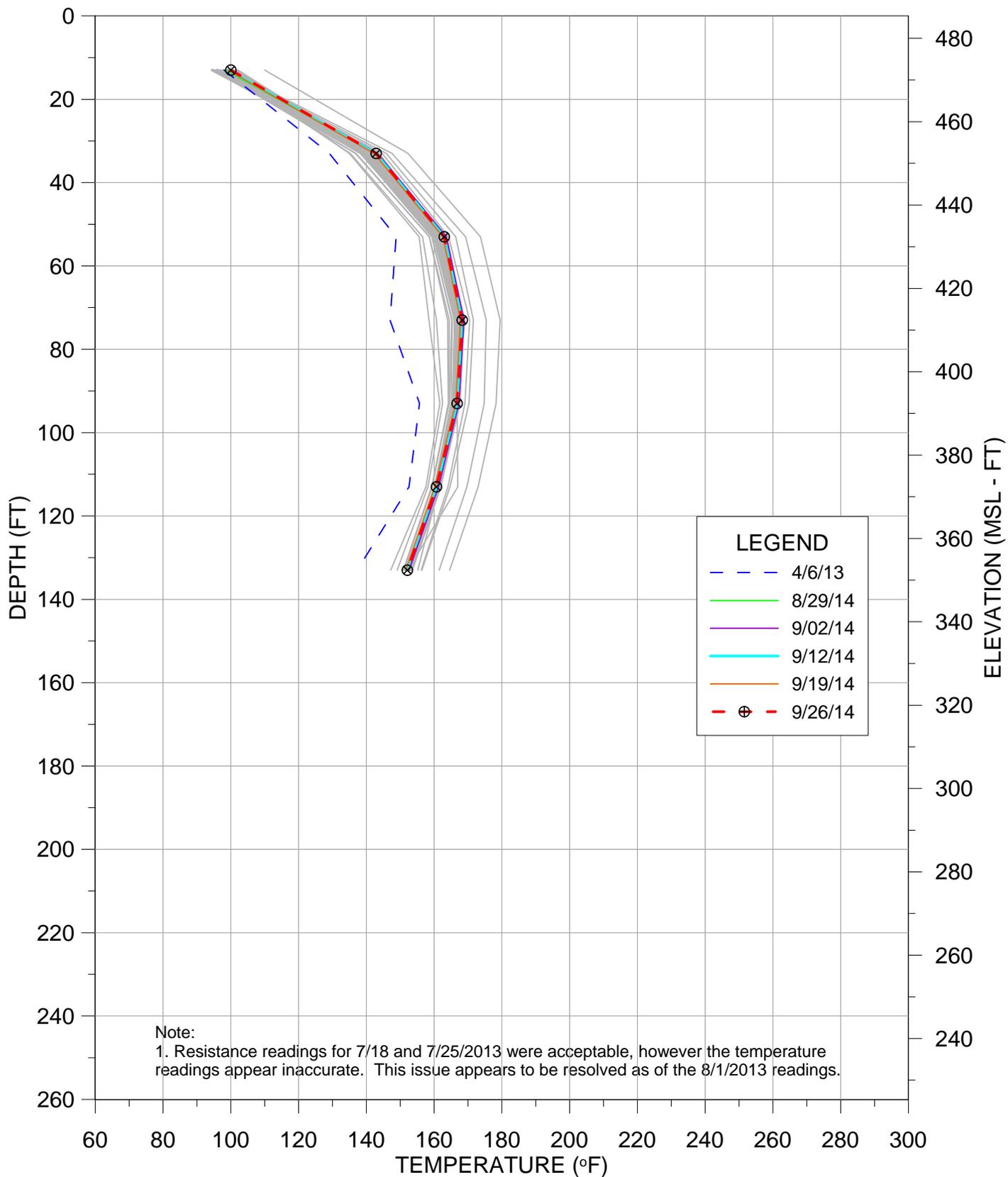
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-9



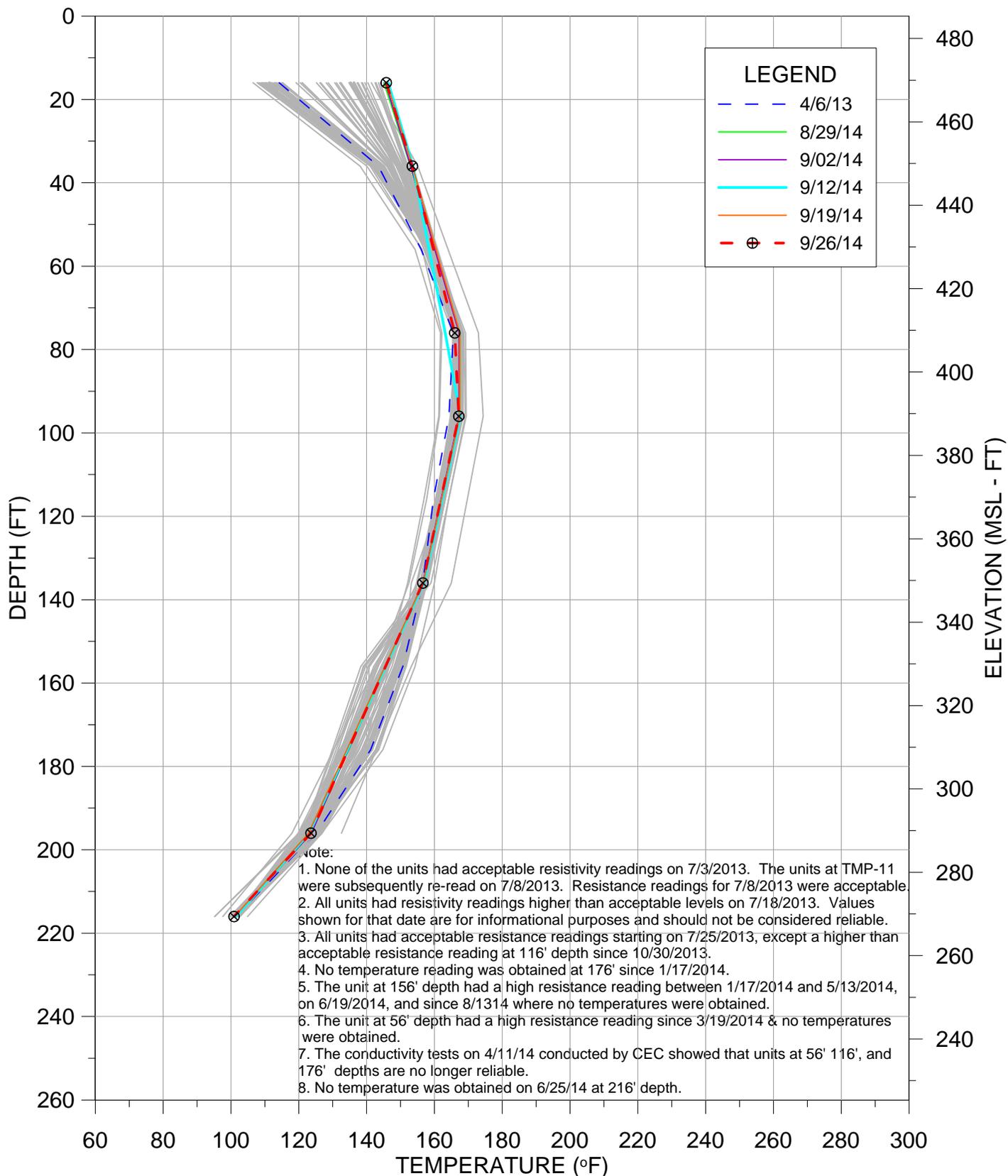
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-10



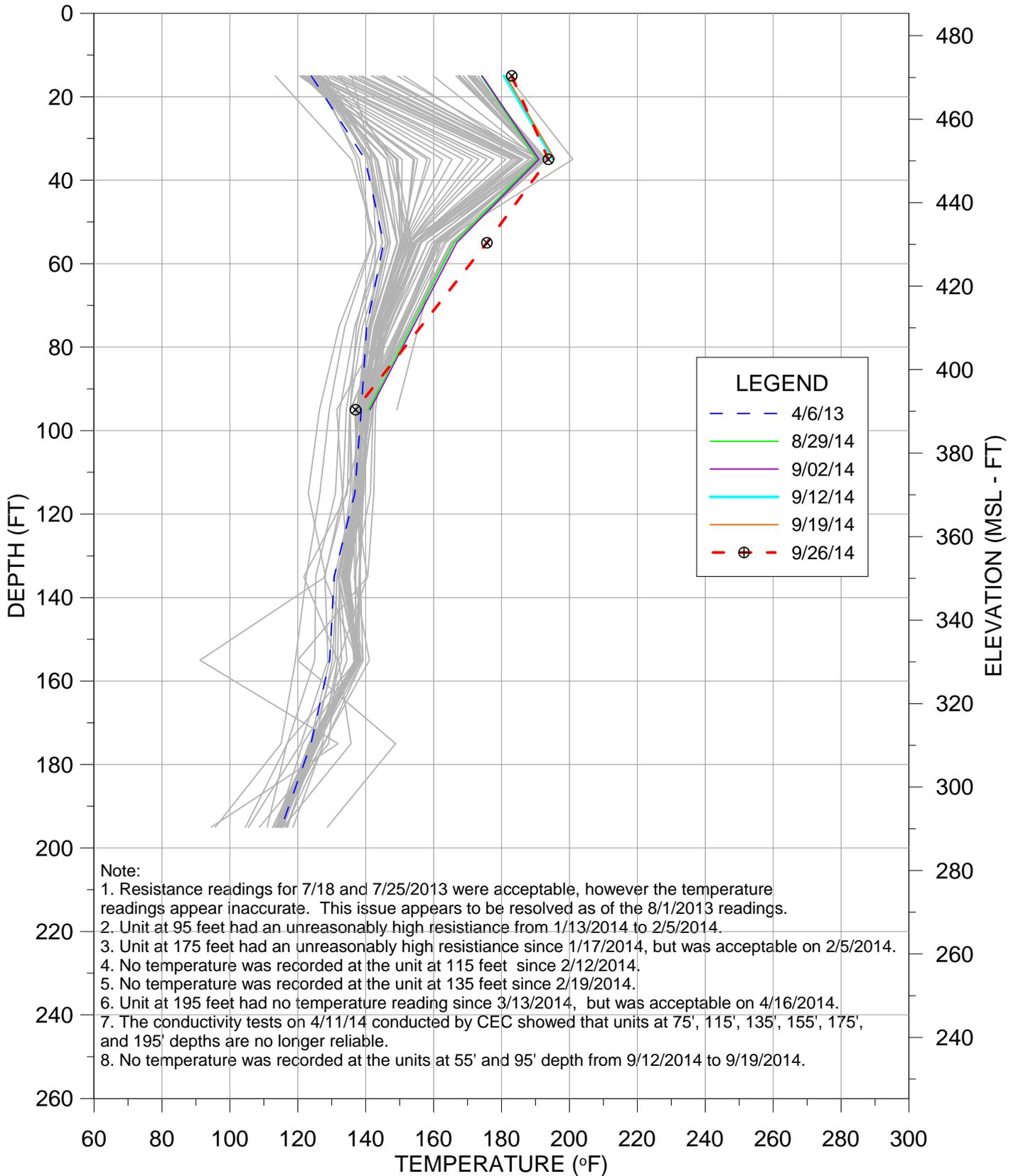
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-11



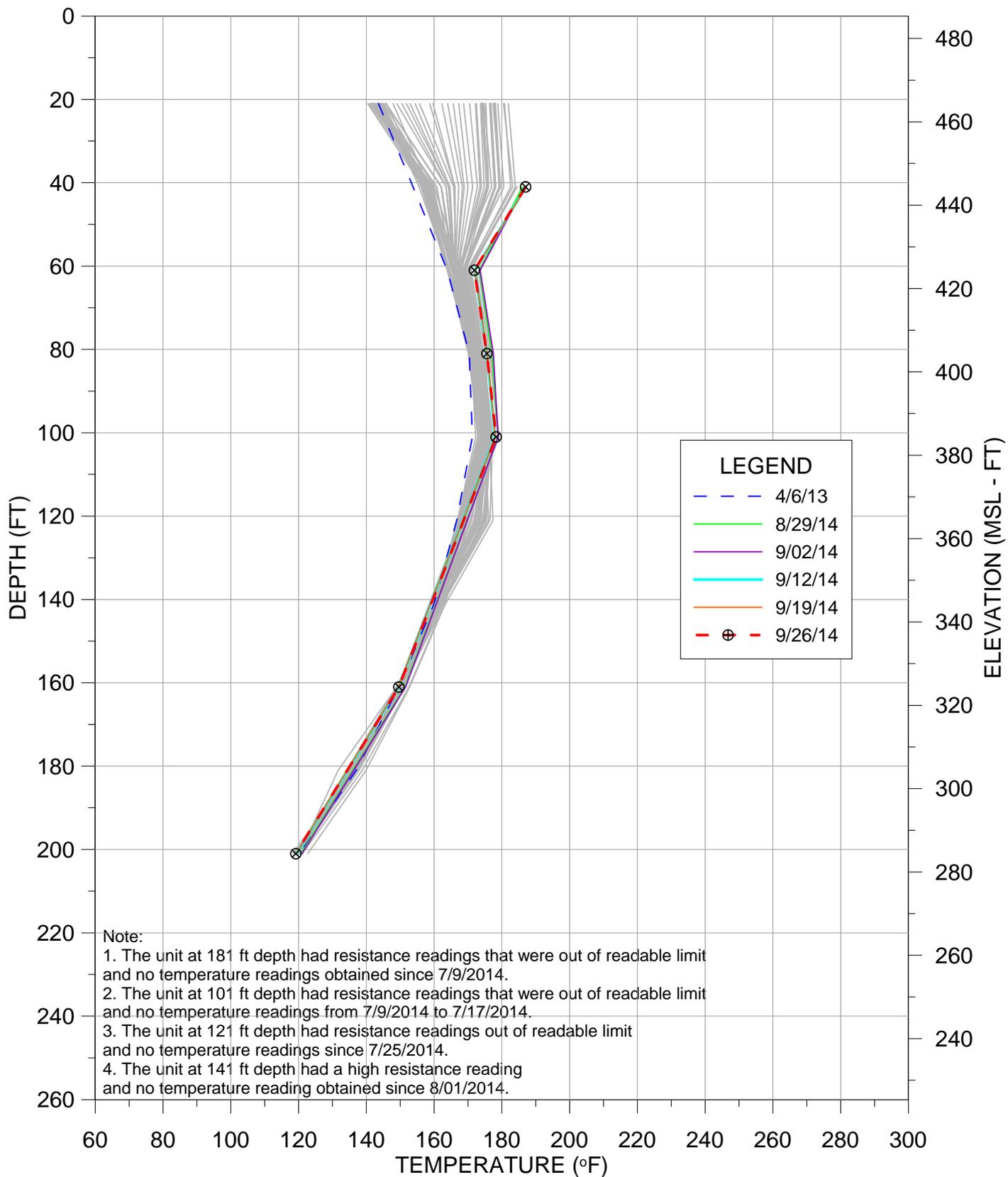
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-12



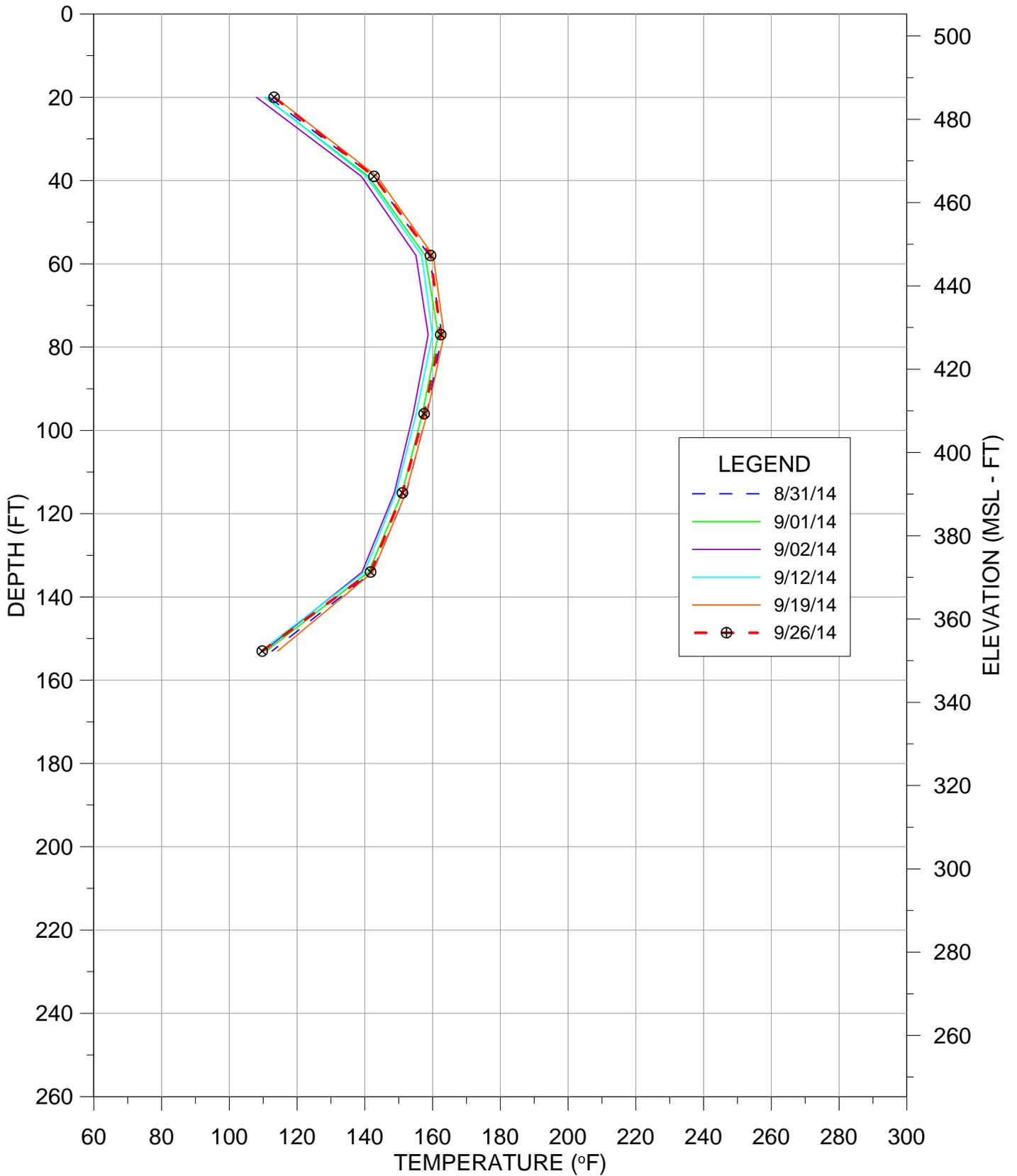
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-14



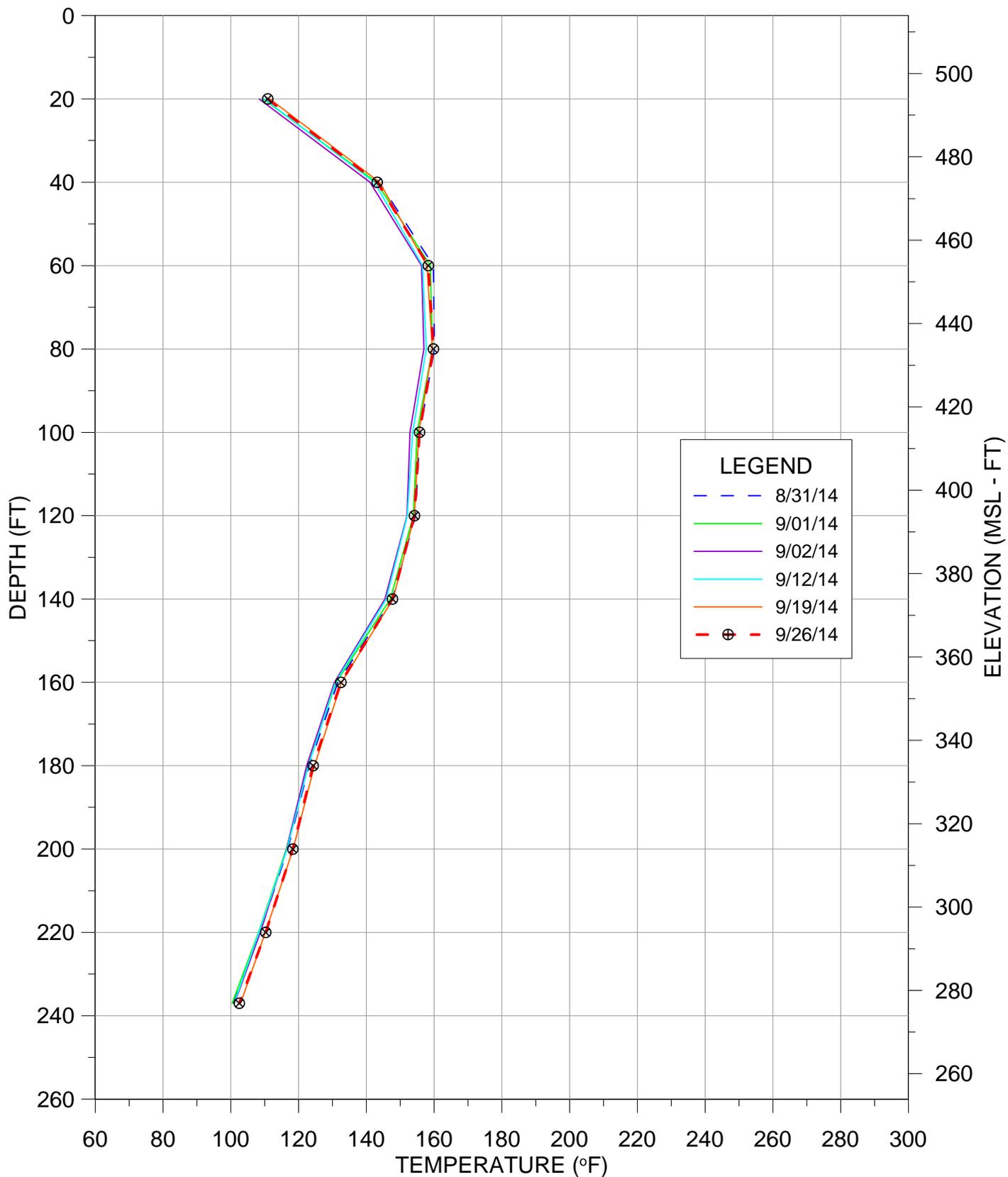
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-16



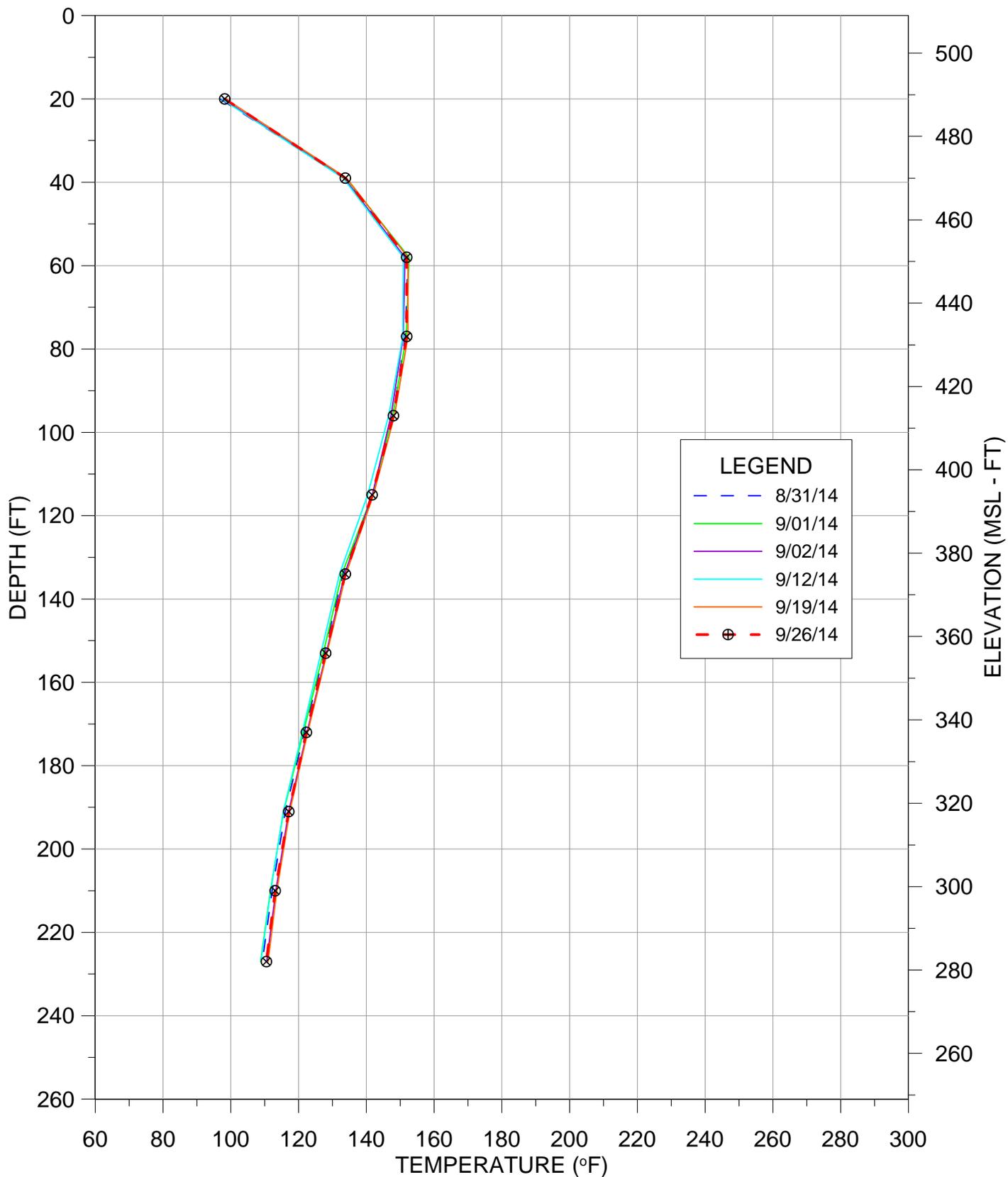
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-17



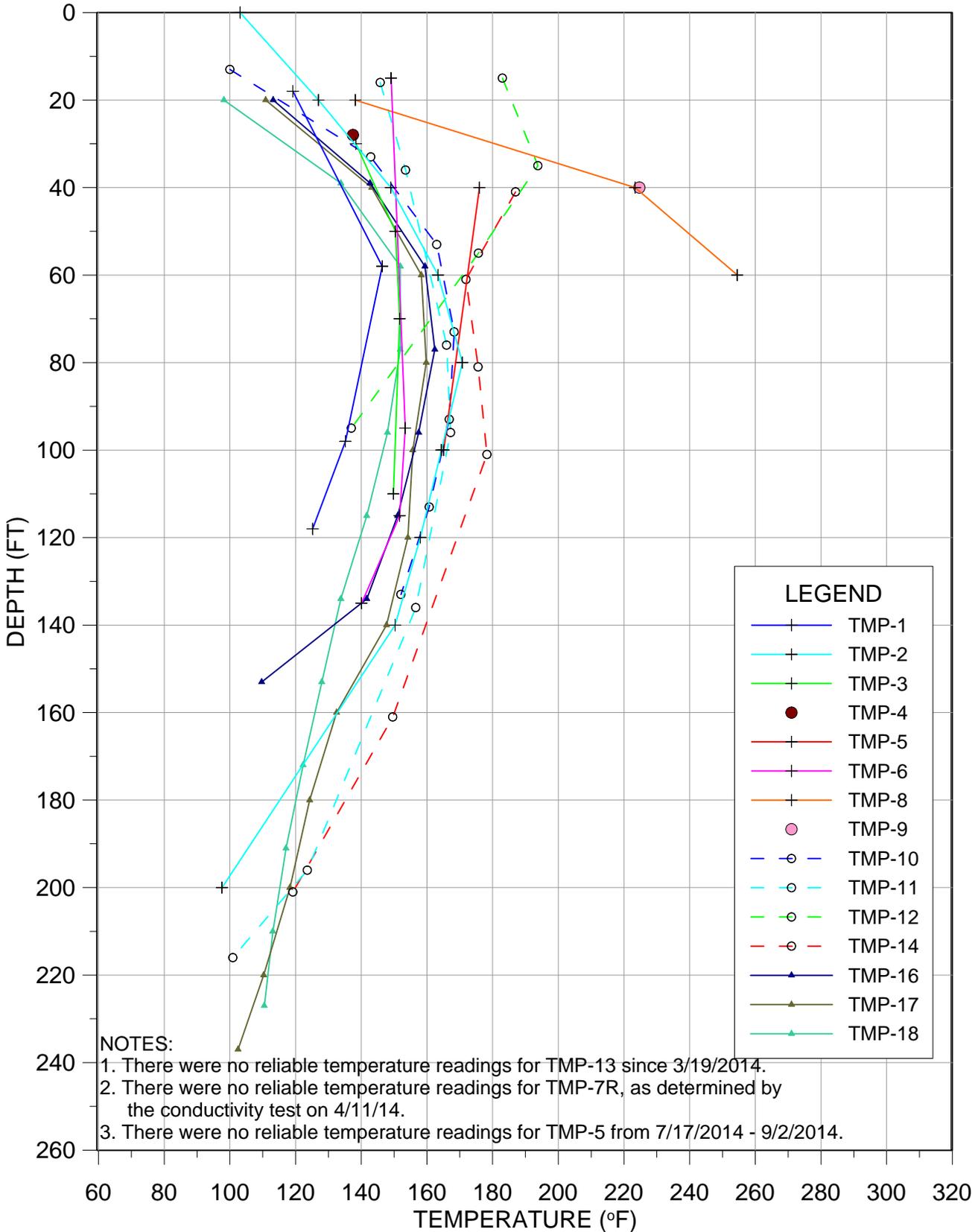
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# TMP-18



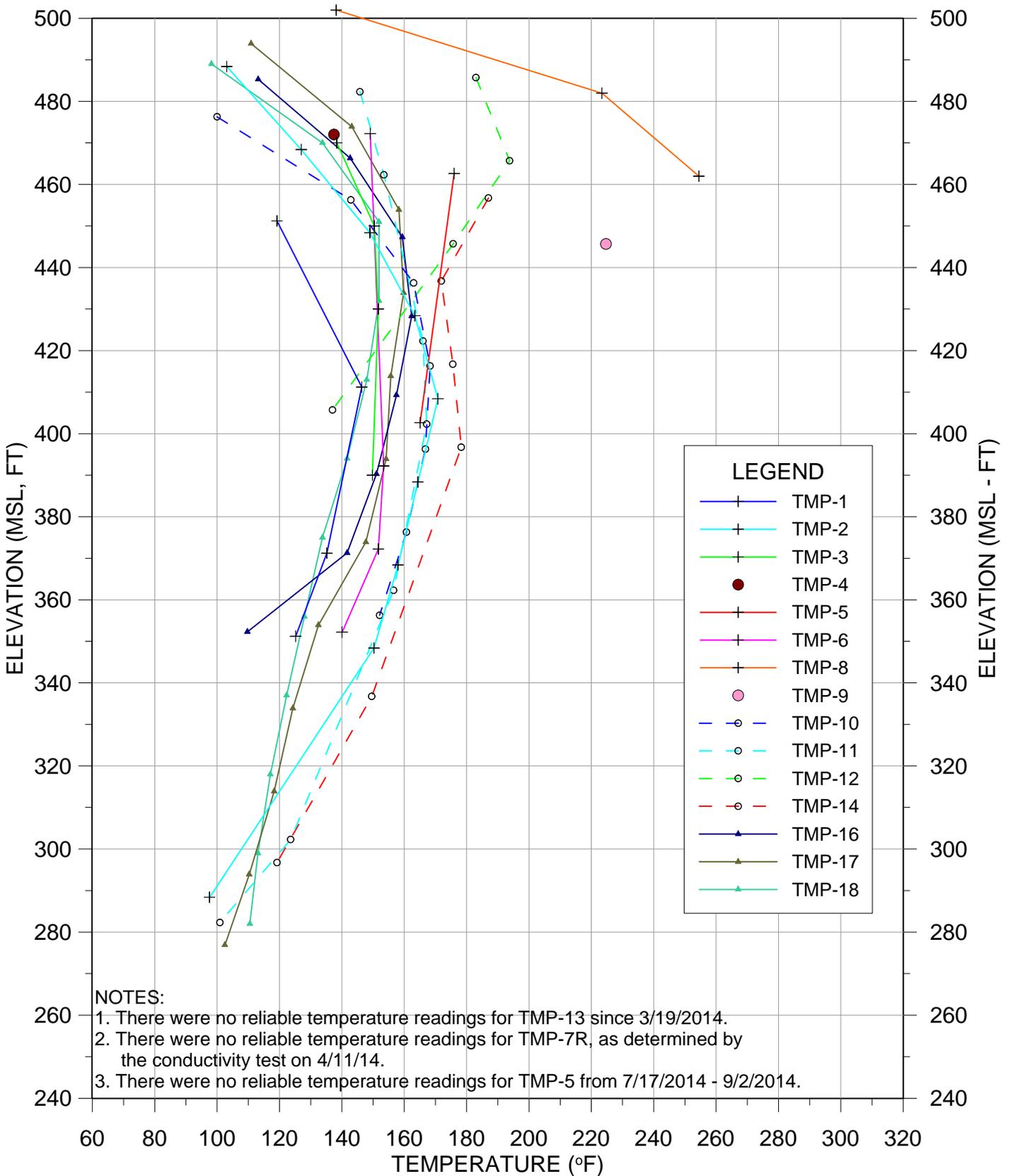
TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# 9/26/2014 -DEPTH



TEMPERATURE VS DEPTH  
BRIDGETON LANDFILL

# 9/26/2014 - ELEVATION



TEMPERATURE VS ELEVATION  
BRIDGETON LANDFILL

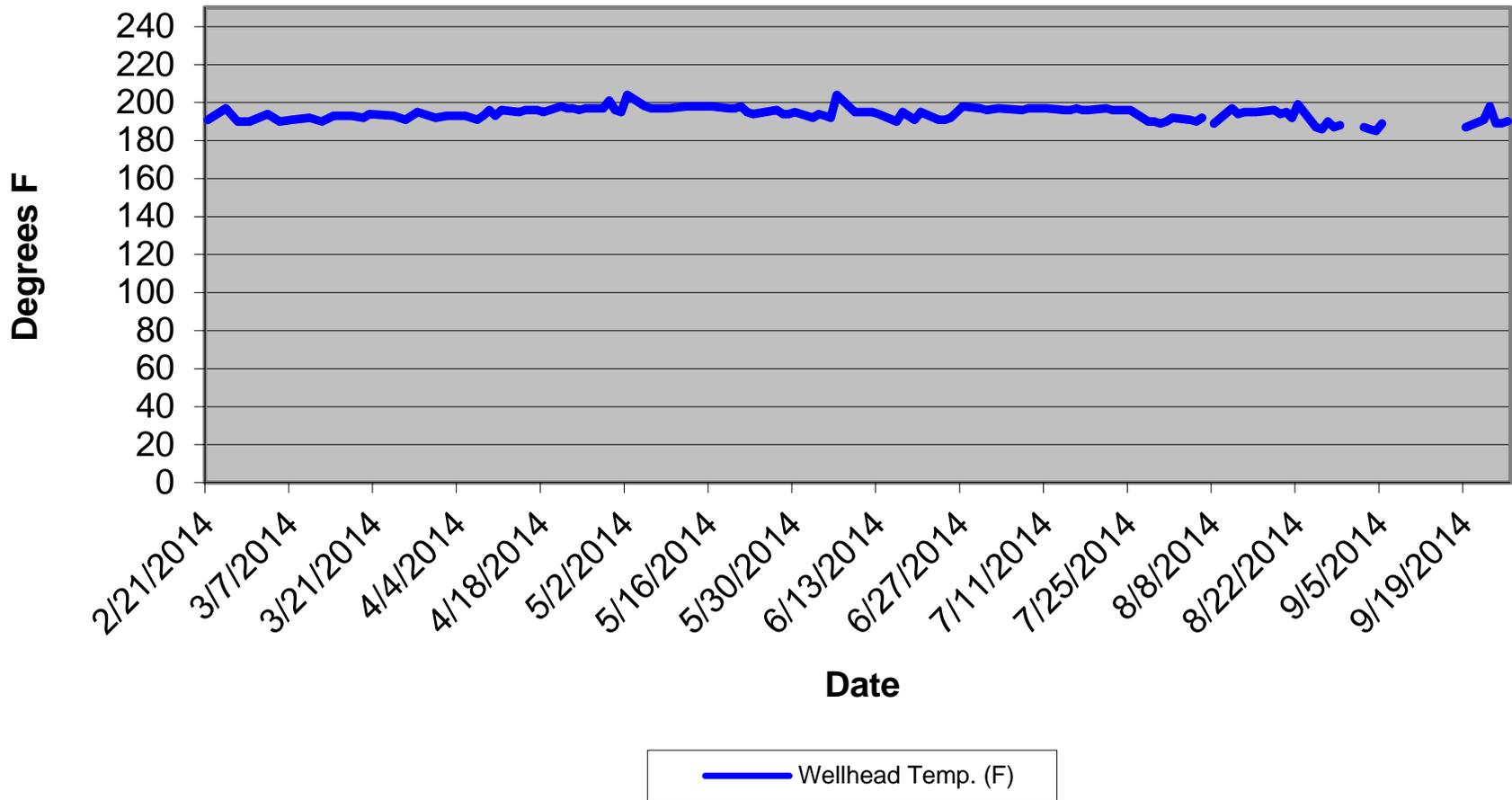
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**ATTACHMENT C**

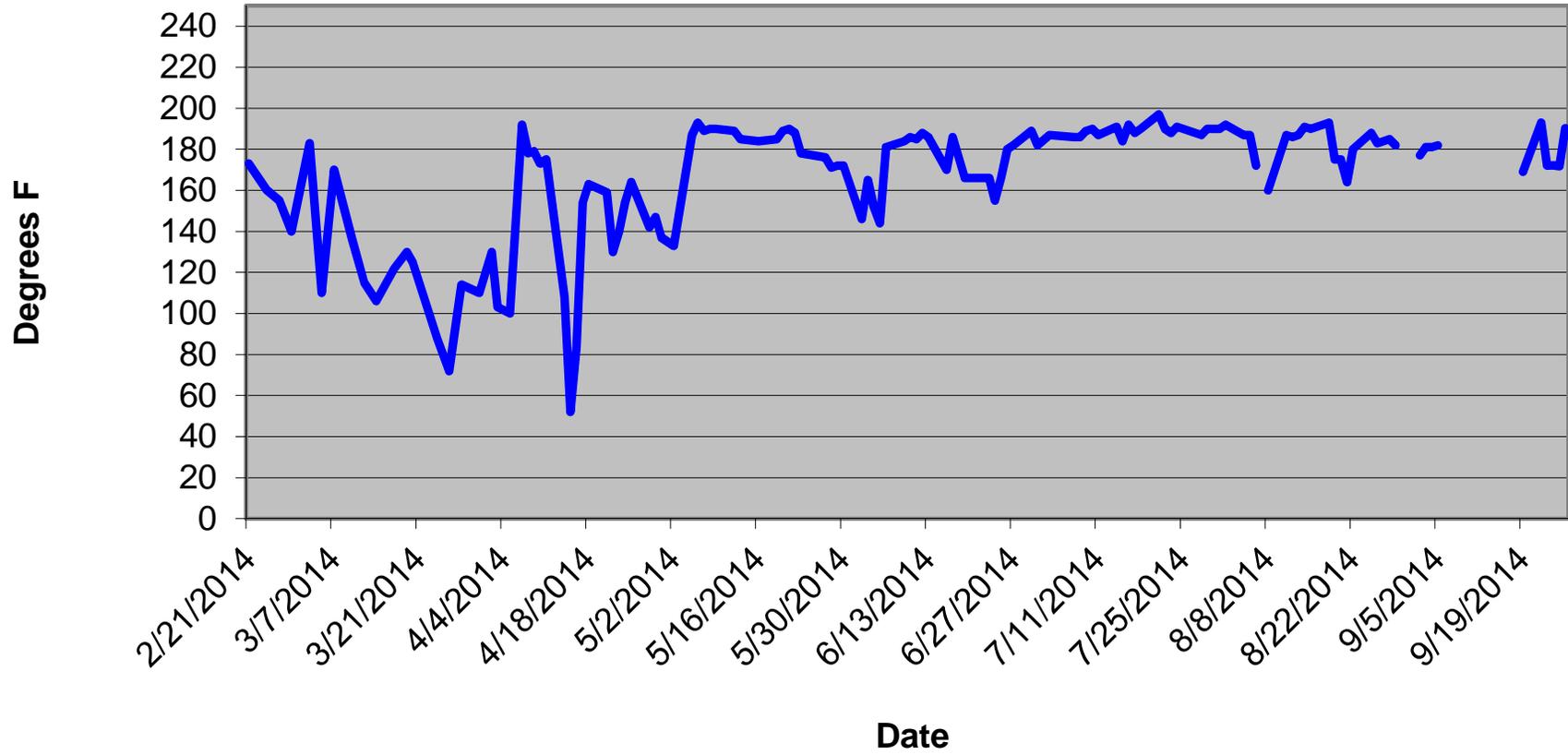
**GAS INTERCEPTOR WELLHEAD TEMPERATURE GRAPHS**

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### GIW-1 Wellhead Temperatures

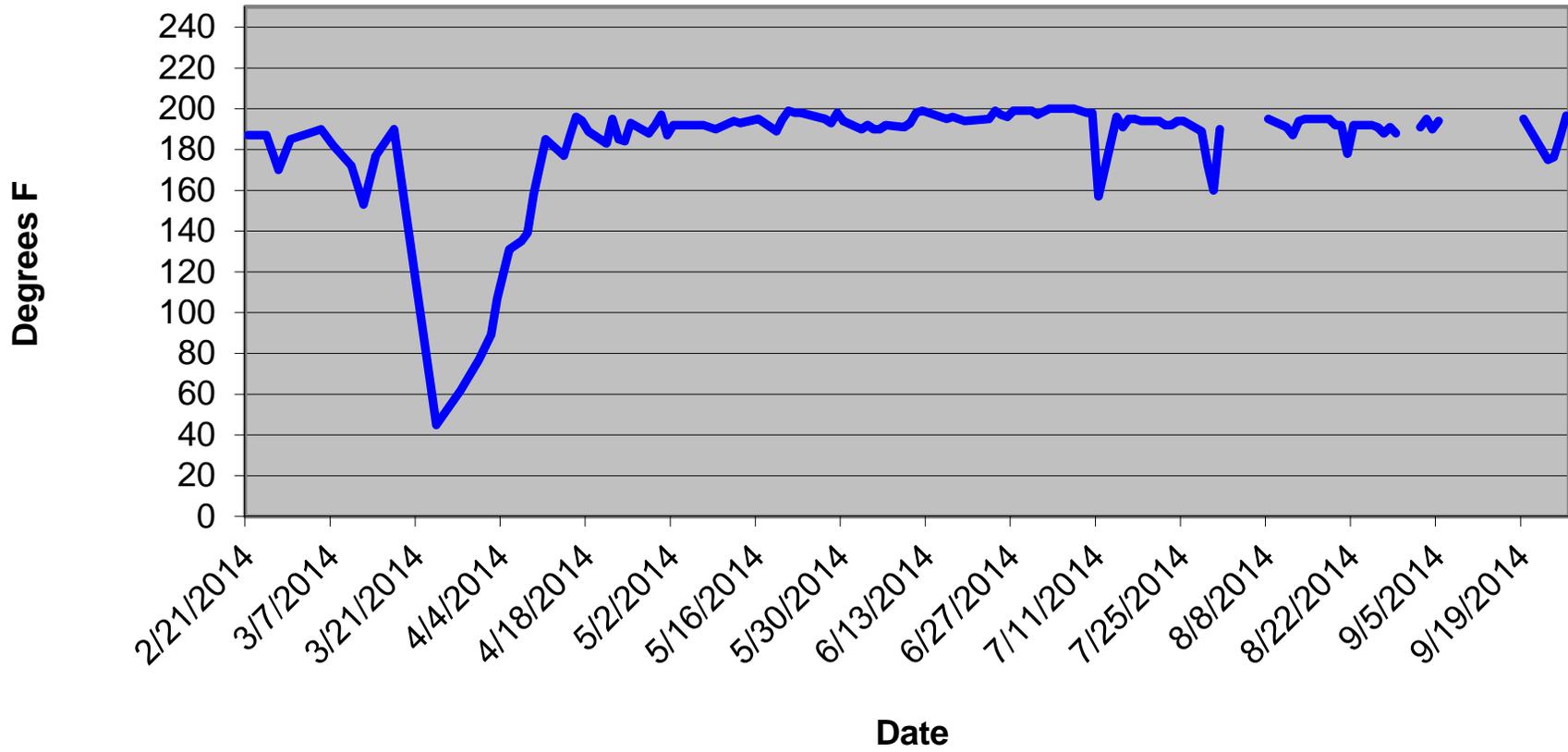


### GIW-2 Wellhead Temperatures



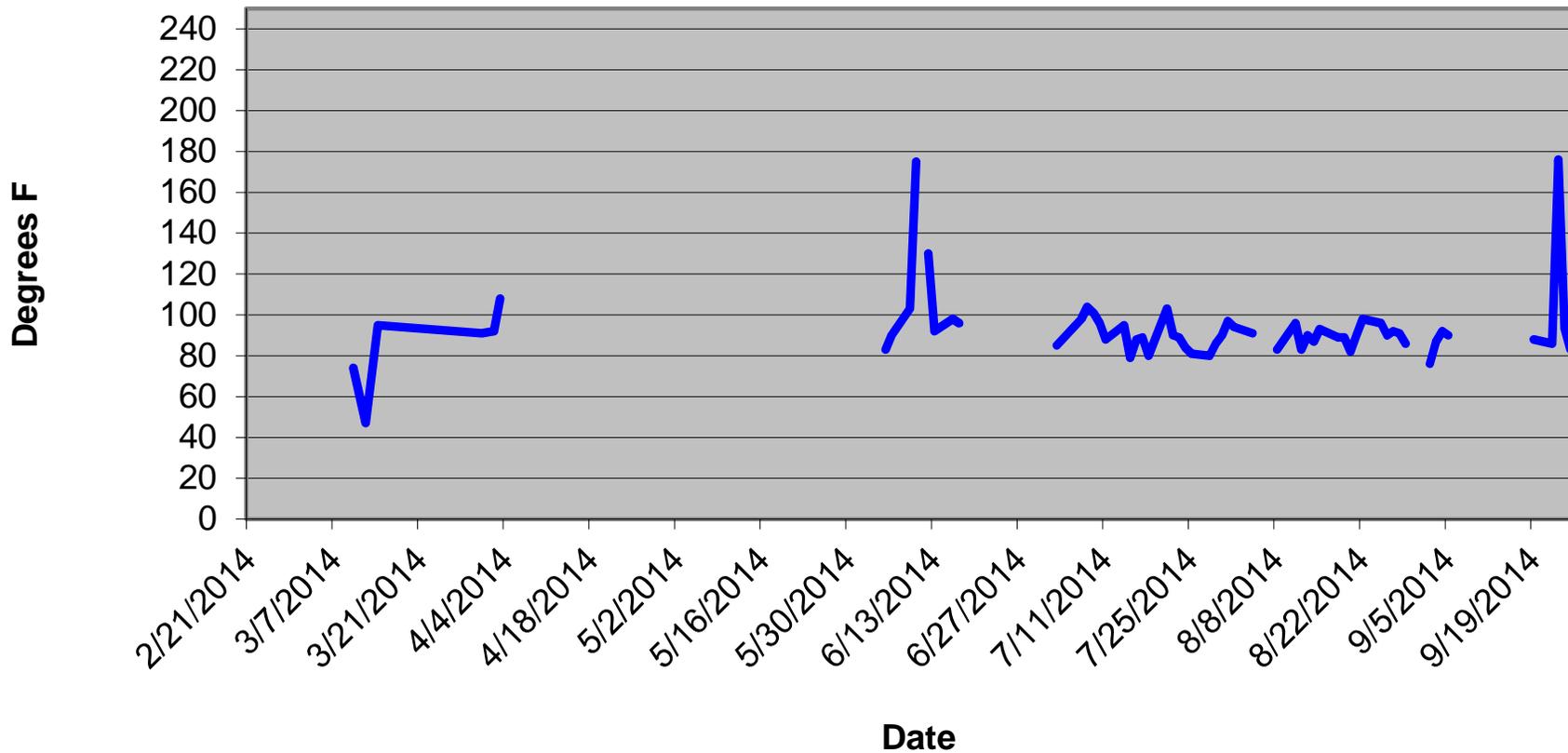
Wellhead Temp. (F)

### GIW-3 Wellhead Temperatures



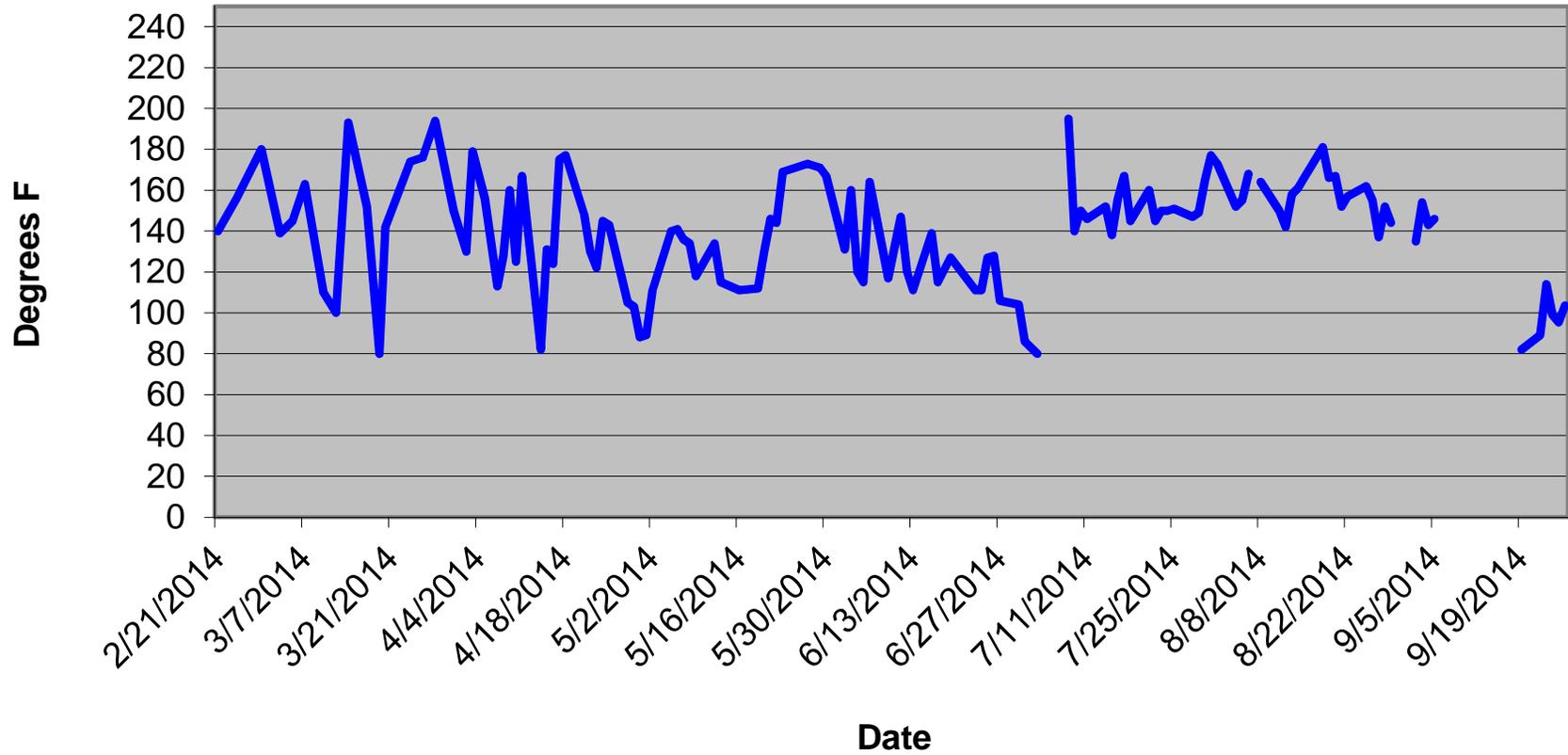
Wellhead Temp. (F)

### GIW-4 Wellhead Temperatures



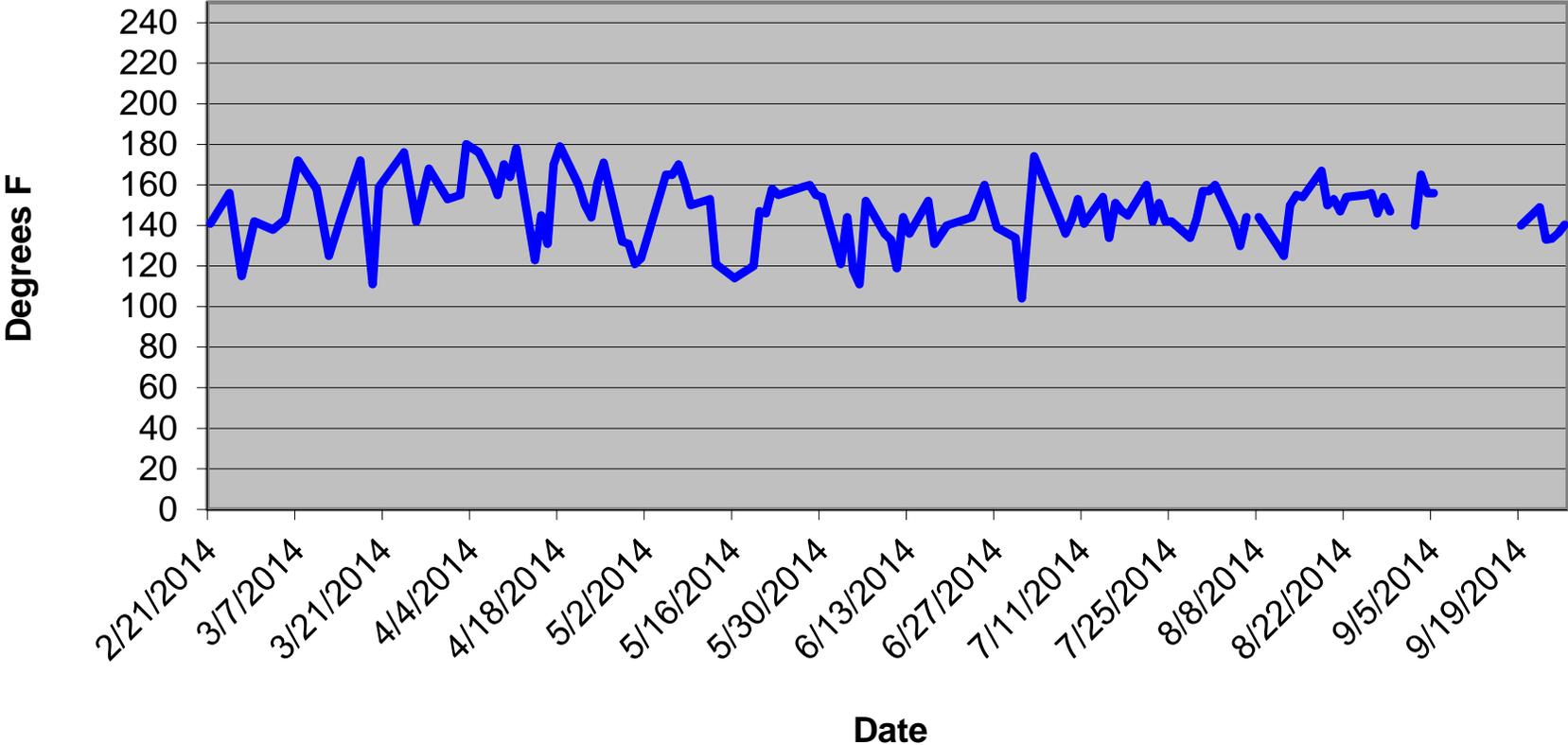
Wellhead Temp. (F)

### GIW-5 Wellhead Temperatures



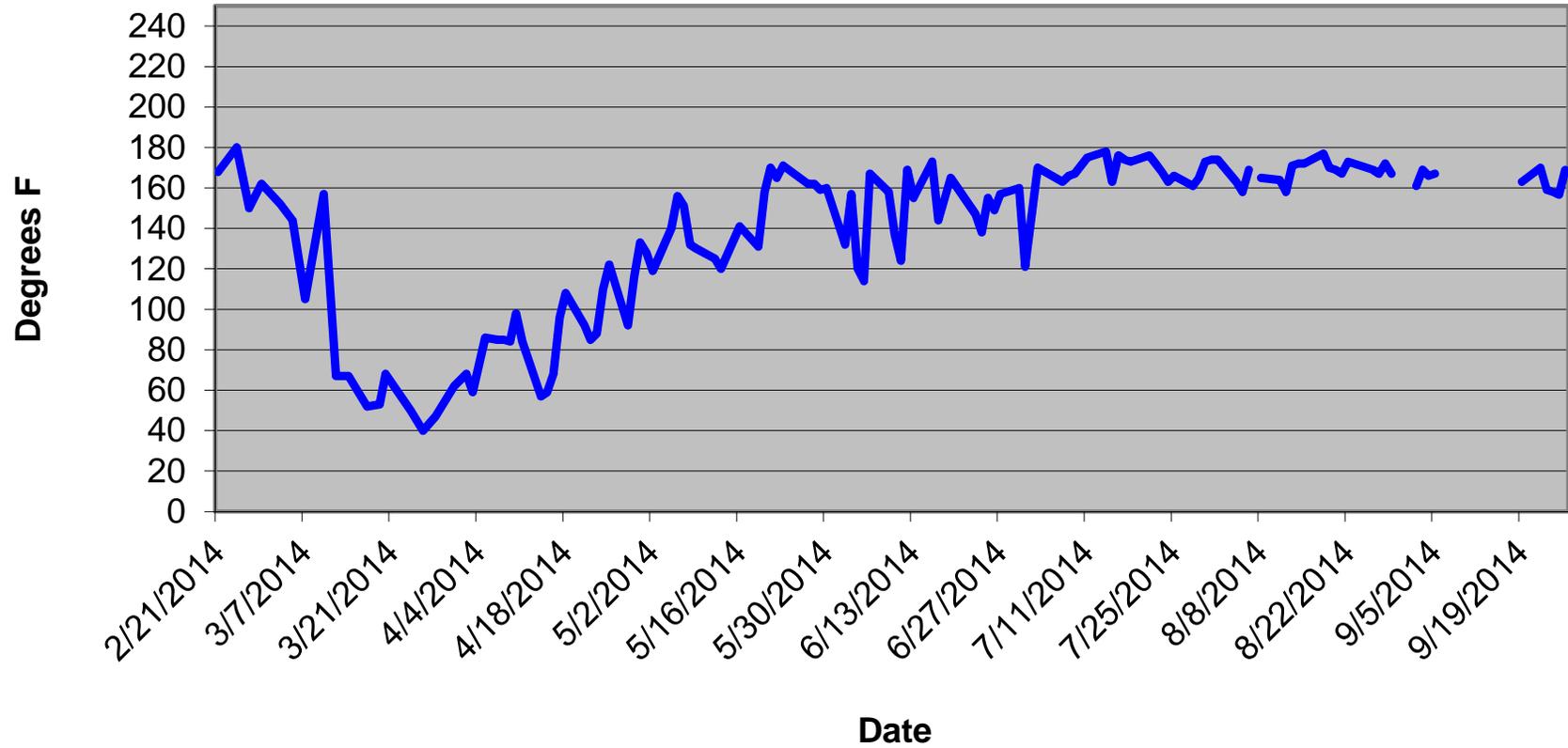
Wellhead Temp. (F)

### GIW-6 Wellhead Temperatures



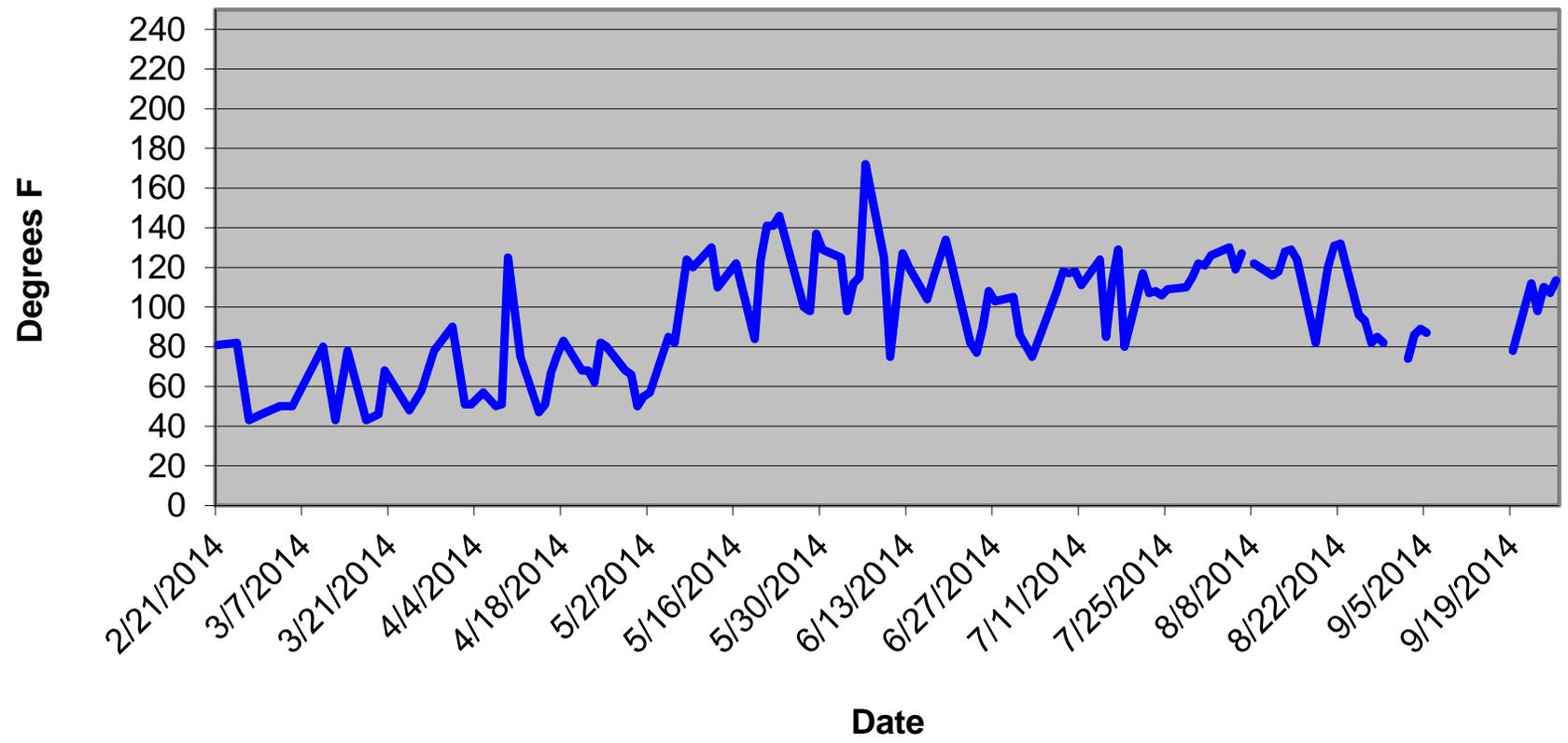
Wellhead Temp. (F)

### GIW-7 Wellhead Temperatures



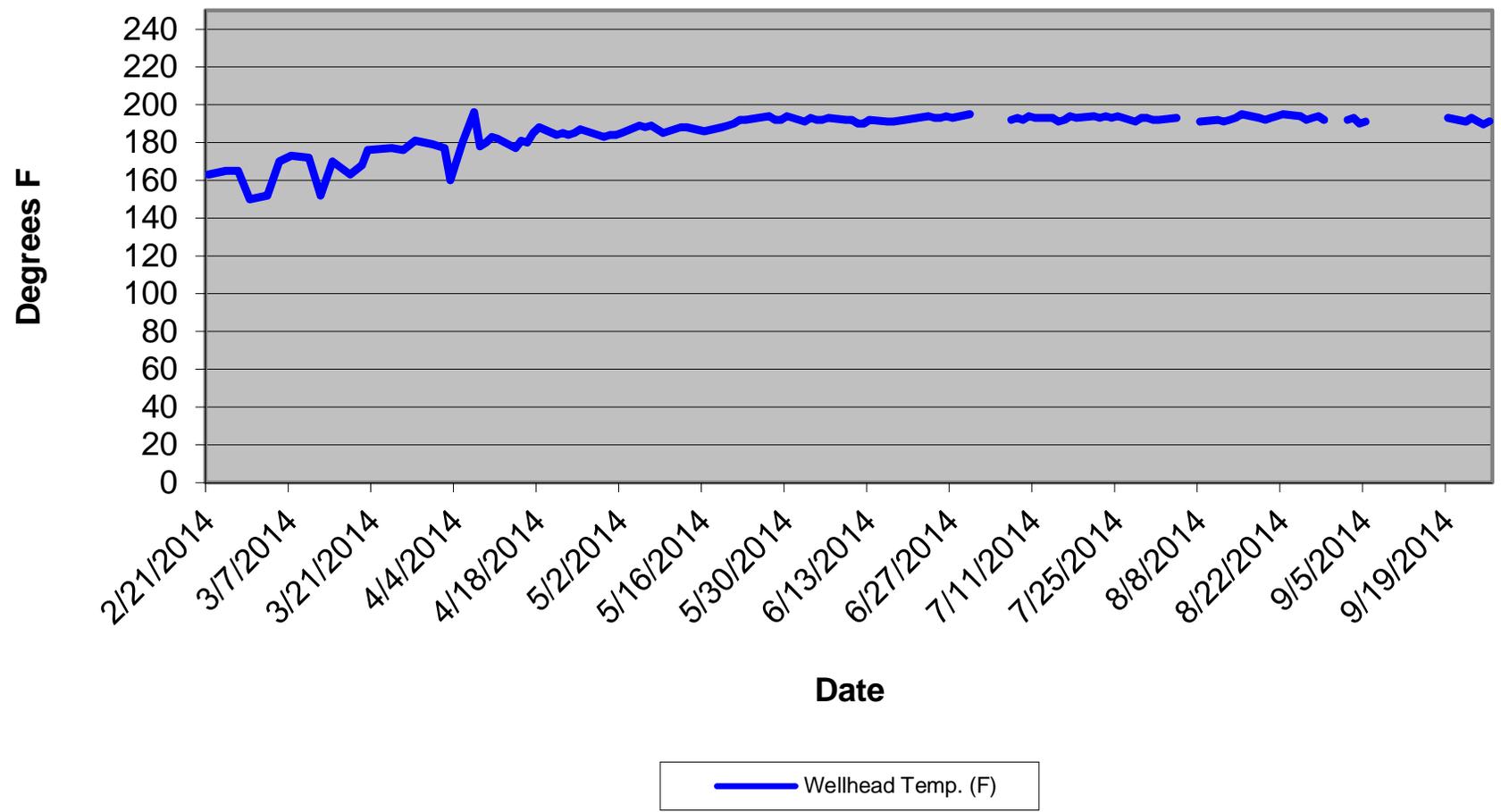
Wellhead Temp. (F)

### GIW-8 Wellhead Temperatures

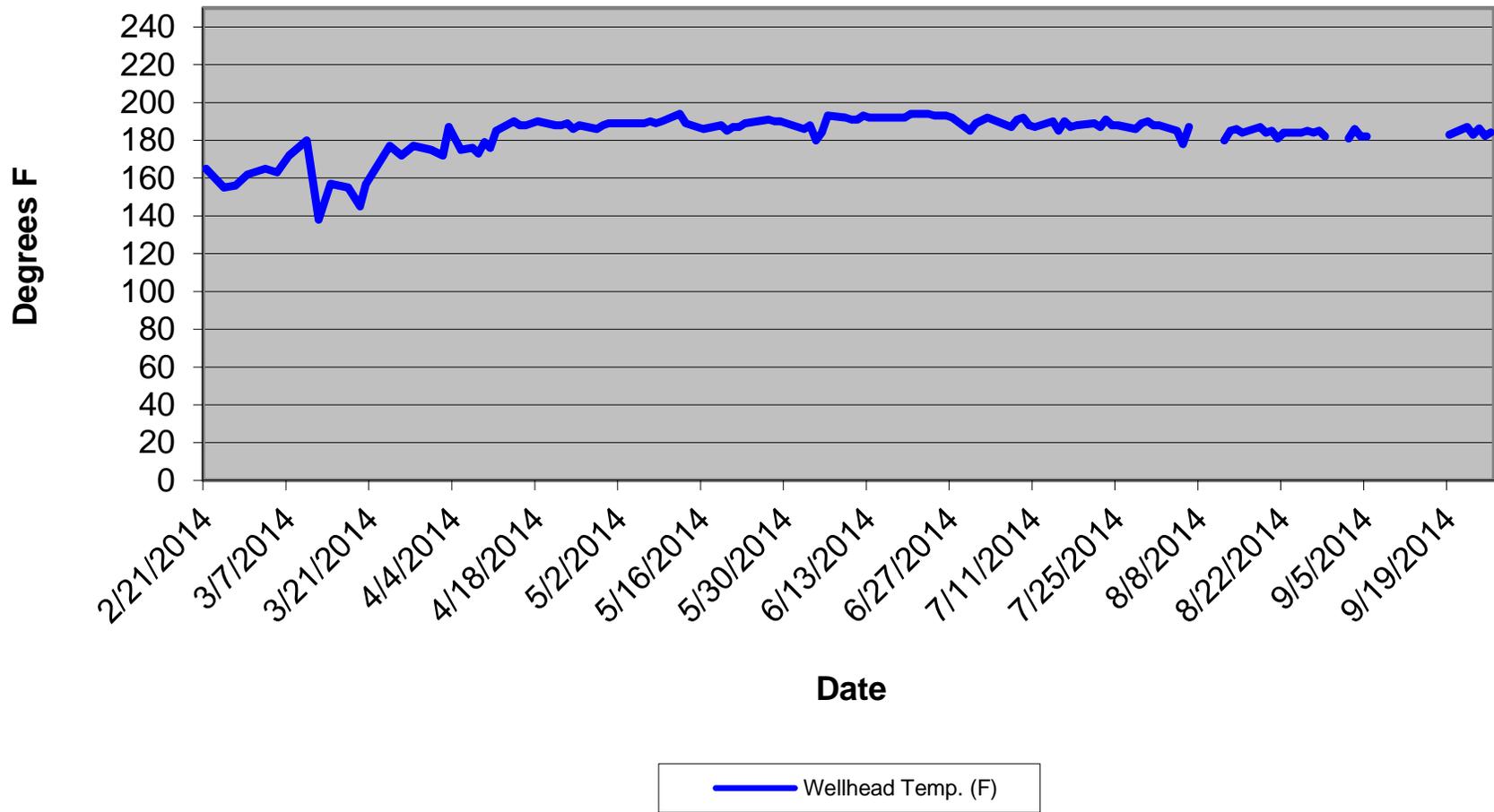


Wellhead Temp. (F)

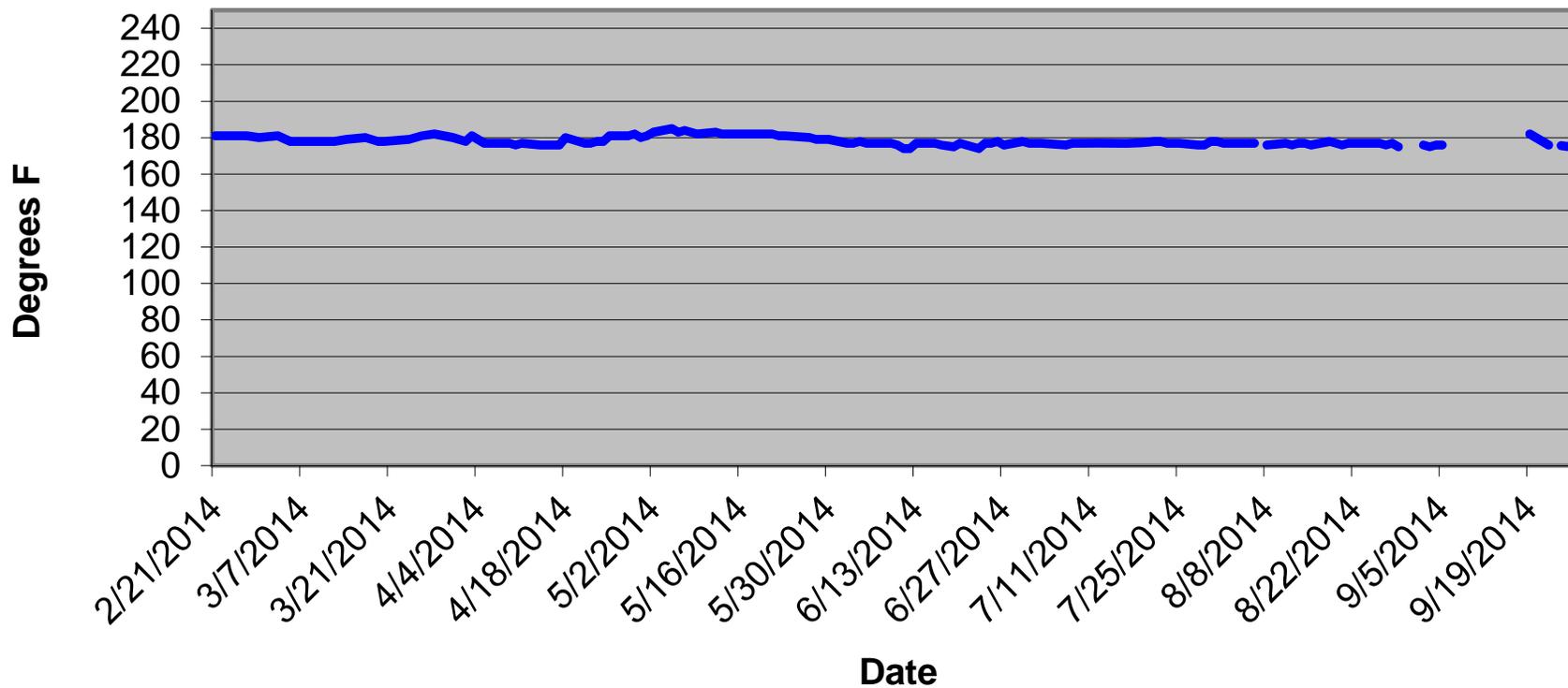
### GIW-9 Wellhead Temperatures



### GIW-10 Wellhead Temperatures

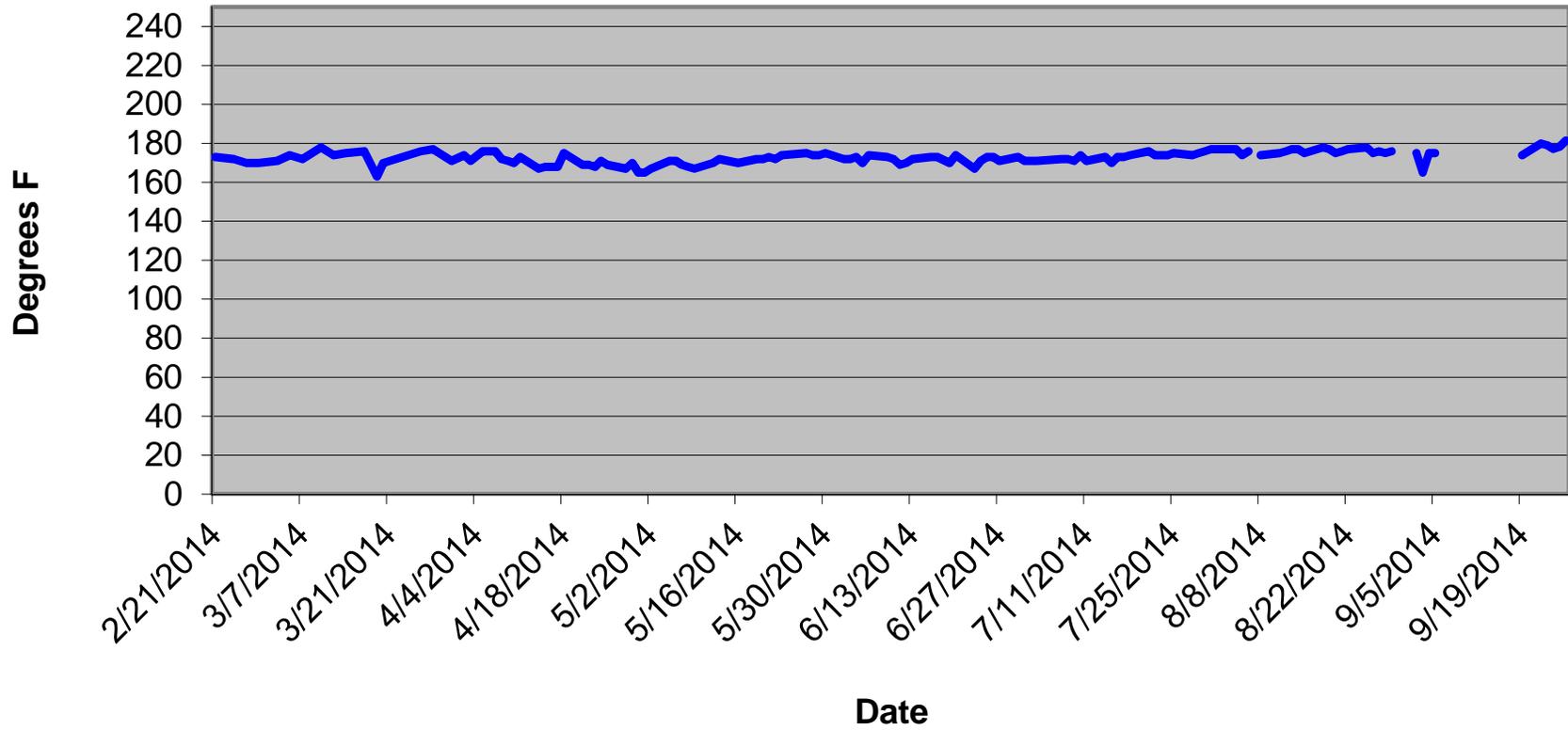


### GIW-11 Wellhead Temperatures



Wellhead Temp. (F)

### GIW-12 Wellhead Temperatures



Wellhead Temp. (F)

### GIW-13 Wellhead Temperatures

