

**APPENDIX I - DOUGLAS COUNTY BATHYMETRIC MONITORING DATA BY POND
(FIGURES, PHOTOGRAPHS, AND DATA SHEETS)**

DOUGLAS COUNTY BONFERONNI-CORRECTED P VALUES

Table 1 Bonferonni-Corrected p Values Between 2016 and Baseline Douglas County Pond Water Elevations as Determined by a Repeated Measures ANOVA.

Pond Number	Baseline 2005	Baseline 2006	Baseline 2007
DG-01	1.000	1.000	1.000
DG-02	1.000	1.000	1.000
DG-03	1.000	1.000	1.000
DG-04	1.000	1.000	1.000
DG-04A	1.000	1.000	1.000
DG-04B	1.000	0.348	1.000
DG-05	1.000	1.000	0.834
DG-09	1.000	1.000	1.000
DG-13	1.000	1.000	1.000
DG-15	1.000	1.000	1.000
DG-17	0.825	0.826	1.000
DG-19	0.172	1.000	1.000
DG-20	1.000	0.272	1.000
DG-20A	1.000	1.000	1.000
DG-20B	1.000	1.000	1.000
DG-20C	1.000	1.000	1.000
DG-20D	0.610	1.000	1.000
DG-20E	0.168	1.000	1.000
DG-20F	0.561	1.000	1.000
DG-20G	0.008	0.263	1.000
DG-21	0.162	1.000	1.000
DG-22	1.000	1.000	1.000
DG-23	1.000	1.000	1.000
DG-23A	0.678	1.000	1.000
DG-26	1.000	1.000	1.000
DG-27	1.000	1.000	1.000
DG-28	1.000	1.000	1.000
DG-29	0.336	1.000	1.000
DG-30	1.000	1.000	1.000
DG-31	1.000	1.000	1.000
DG-32	1.000	1.000	1.000
DG-34	1.000	1.000	0.295
DG-43	1.000	1.000	1.000
DG-45	1.000	1.000	1.000
DG-46	1.000	1.000	1.000
DG-52	1.000	1.000	1.000

DG-01
BATHYMETRIC MONITORING DATA

DG-01-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG01

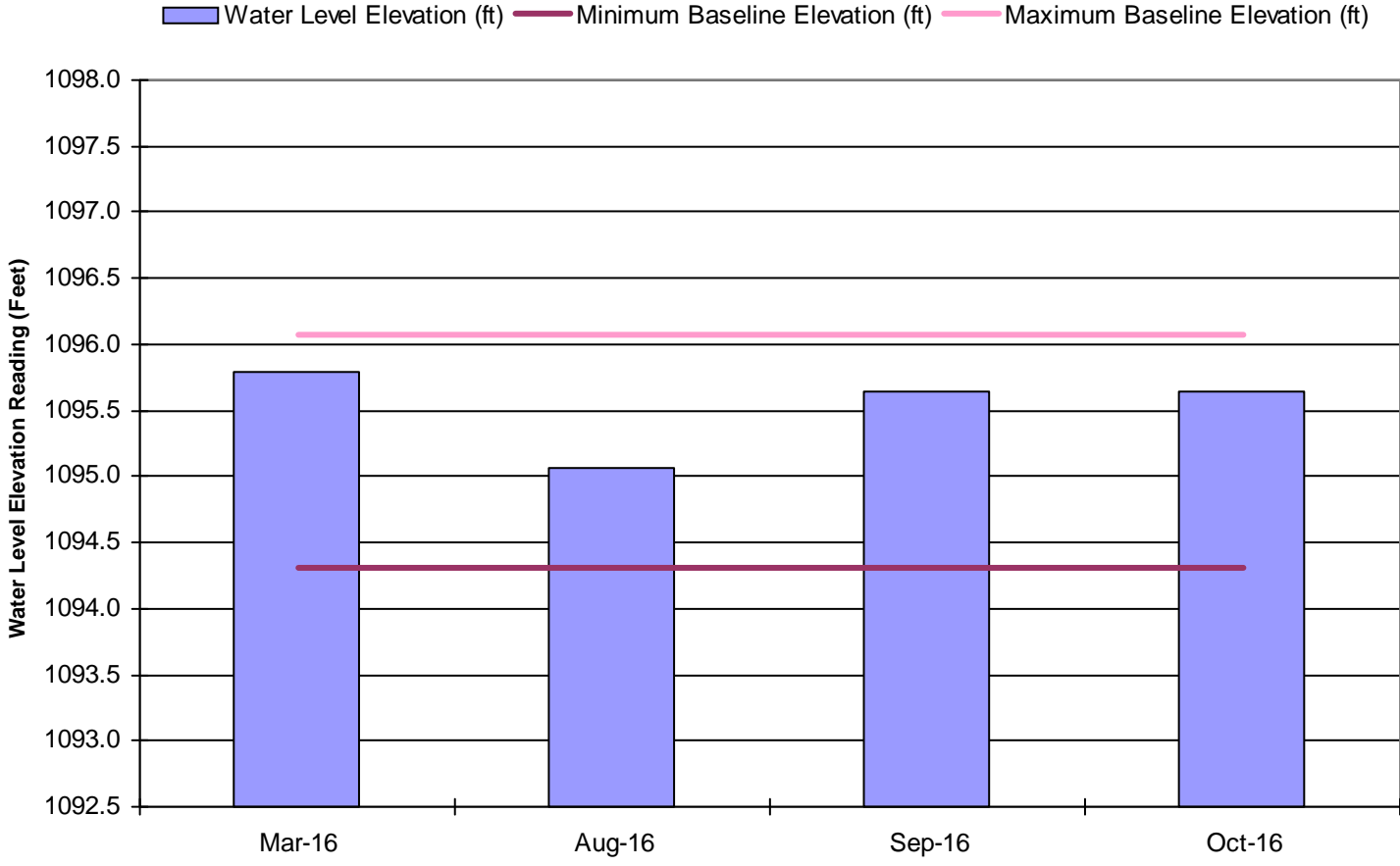
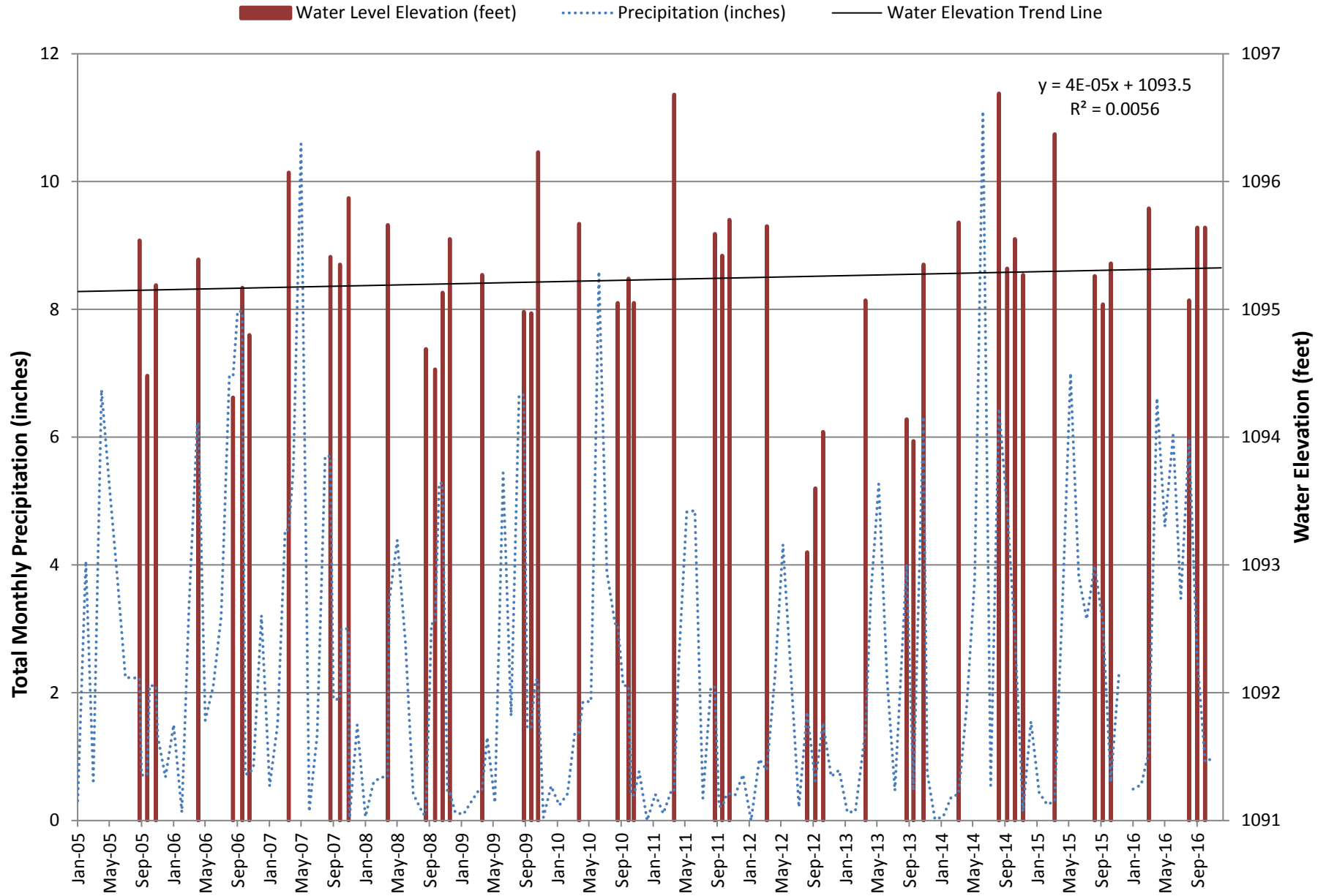


Figure 2 2005-2016 Water Elevations for DG-01 and Total Monthly Precipitation



DG-01-2
POND DG-01 PHOTOGRAPHS



Photograph 1: View of DG-01 looking east, March 23, 2016.



Photograph 2: View of DG-01 looking south, March 23, 2016.



Photograph 3: View of DG-01 looking east, August 18, 2016.



Photograph 4: View of DG-01 looking south, August 18, 2016.



Photograph 5: View of DG-01 looking east, September 23, 2016.



Photograph 6: View of DG-01 looking south, September 23, 2016.



Photograph 7: View of DG-01 looking east, October 20, 2016.



Photograph 8: View of DG-01 looking south, October 20, 2016.

DG-01-3
POND DG-01 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG01

Permanent Benchmark Elevation (feet): 1,104.97

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,095.79
8/18/2016	1,095.07
9/23/2016	1,095.64
10/20/2016	1,095.64

DG-02
BATHYMETRIC MONITORING DATA

DG-02-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG02

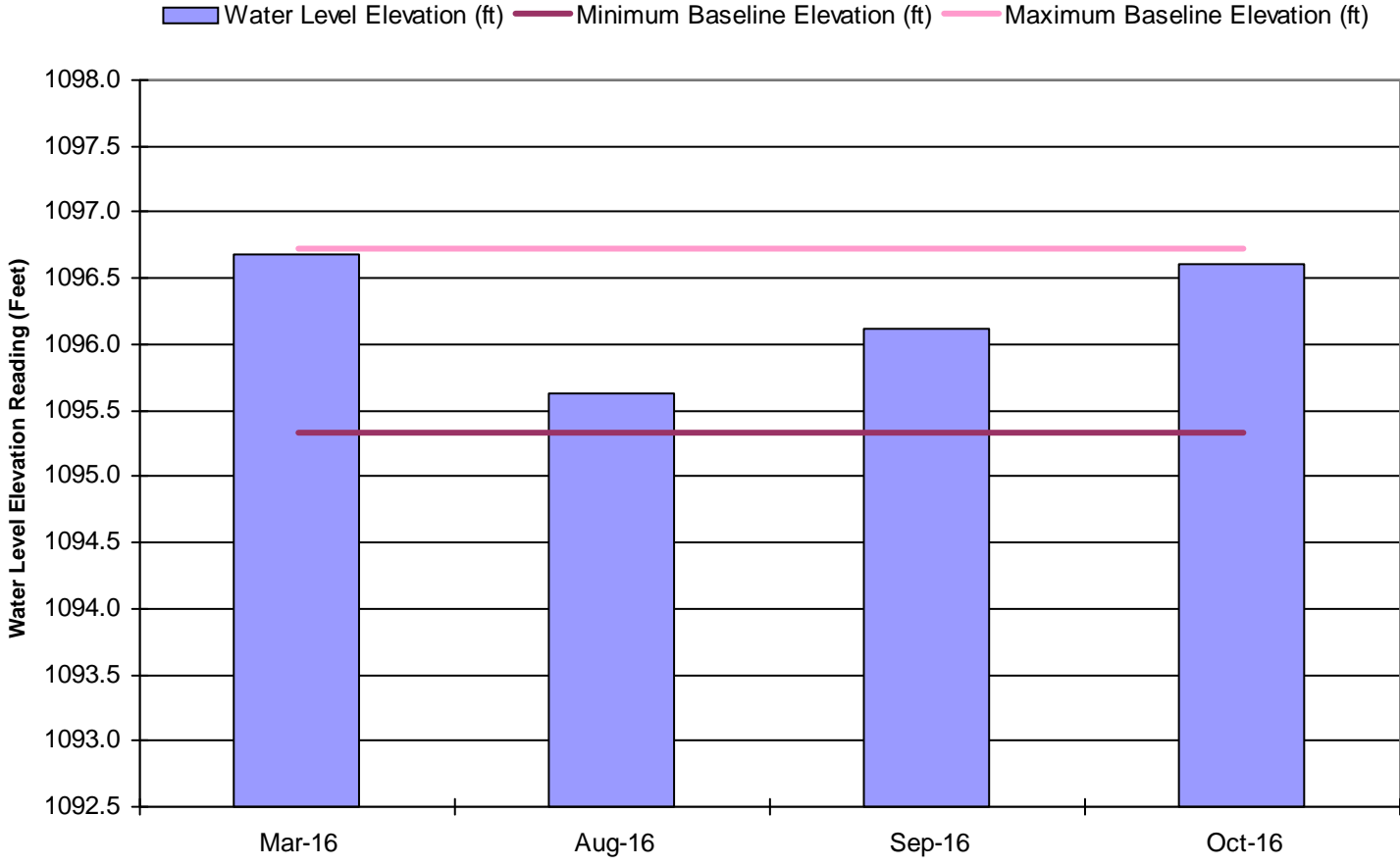
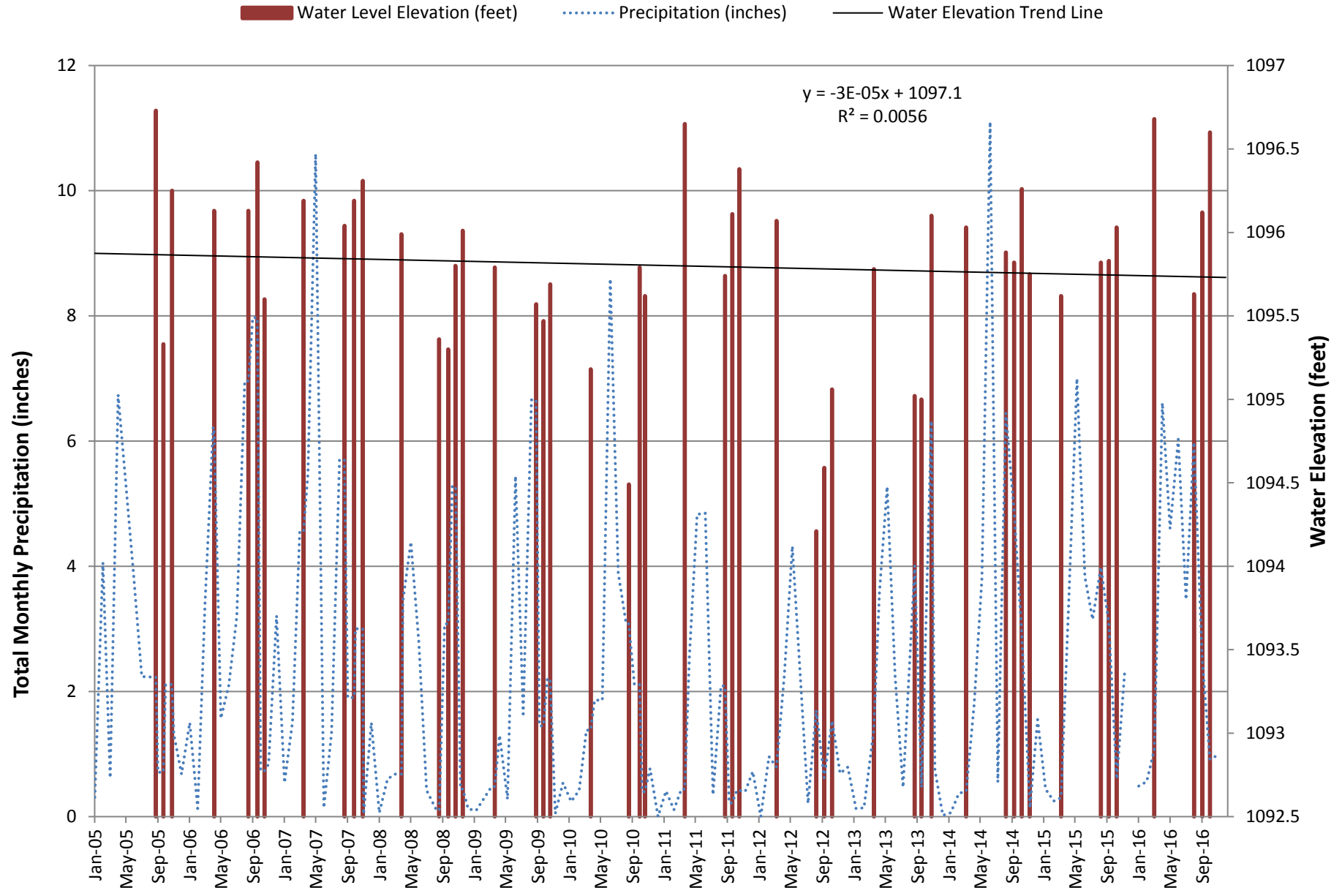


Figure 2 2005-2016 Water Elevations for DG-02 and Total Monthly Precipitation



DG-02-2
POND DG-02 PHOTOGRAPHS



Photograph 1: View of DG-02 looking south, March 23, 2016.



Photograph 2: View of DG-02 looking west, March 23, 2016.



Photograph 3: View of DG-02 looking north, March 23, 2016.



Photograph 4: View of DG-02 looking south, August 18, 2016.



Photograph 5: View of DG-02 looking west, August 18, 2016.



Photograph 6: View of DG-02 looking north, August 18, 2016.



Photograph 7: View of DG-02 looking south, September 23, 2016.



Photograph 8: View of DG-02 looking west, September 23, 2016.



Photograph 9: View of DG-02 looking north, September 23, 2016.



Photograph 10: View of DG-02 looking south, October 20, 2016.



Photograph 11: View of DG-02 looking west, October 20, 2016.



Photograph 12: View of DG-02 looking north, October 20, 2016.

DG-02-3
POND DG-02 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG02

Permanent Benchmark Elevation (feet): 1,104.97

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,096.68
8/18/2016	1,095.63
9/23/2016	1,096.12
10/20/2016	1,096.60

DG-02A
BATHYMETRIC MONITORING DATA

**DG-02A-1
FIGURES**

**Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations
for Pond DG02A**

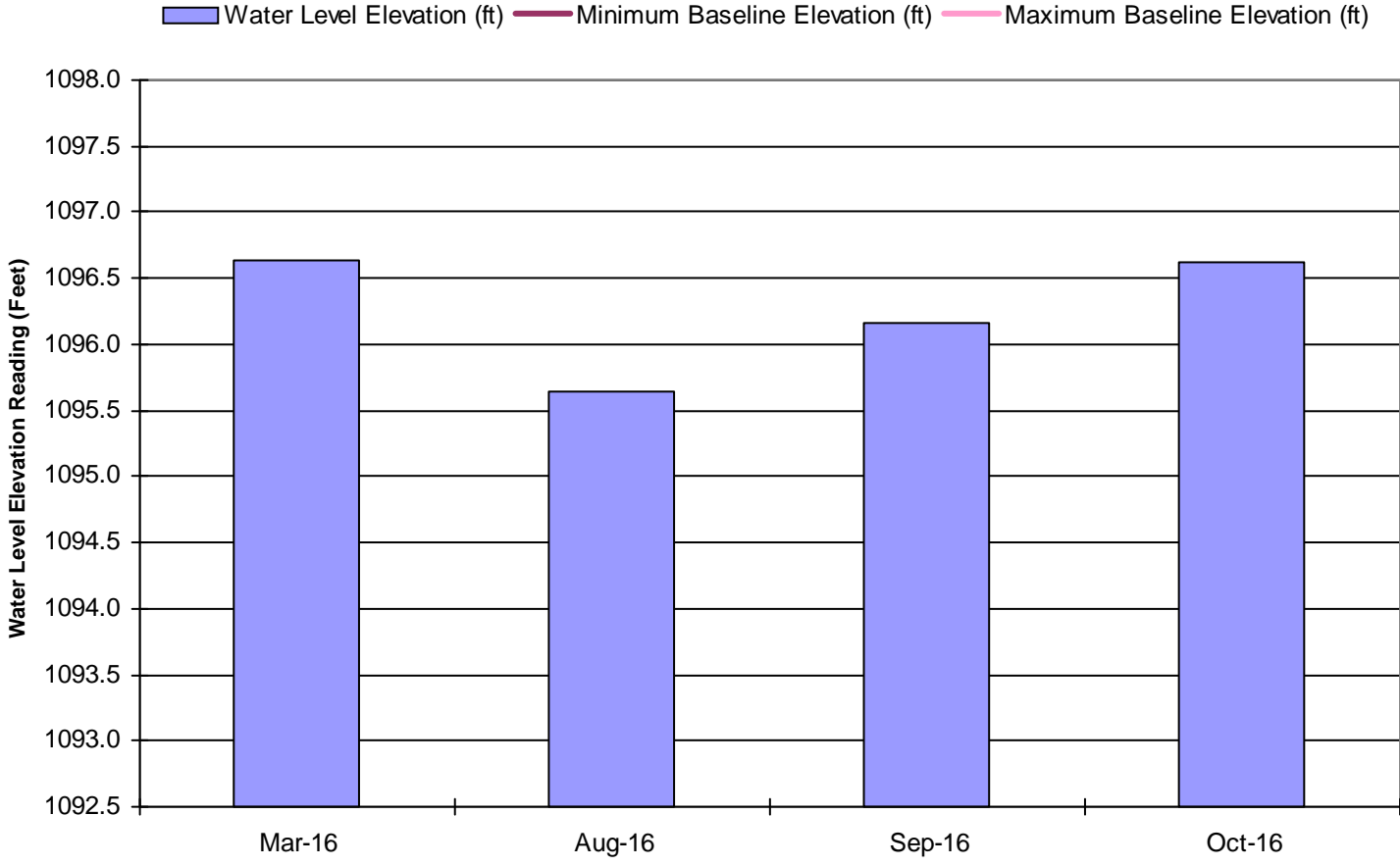
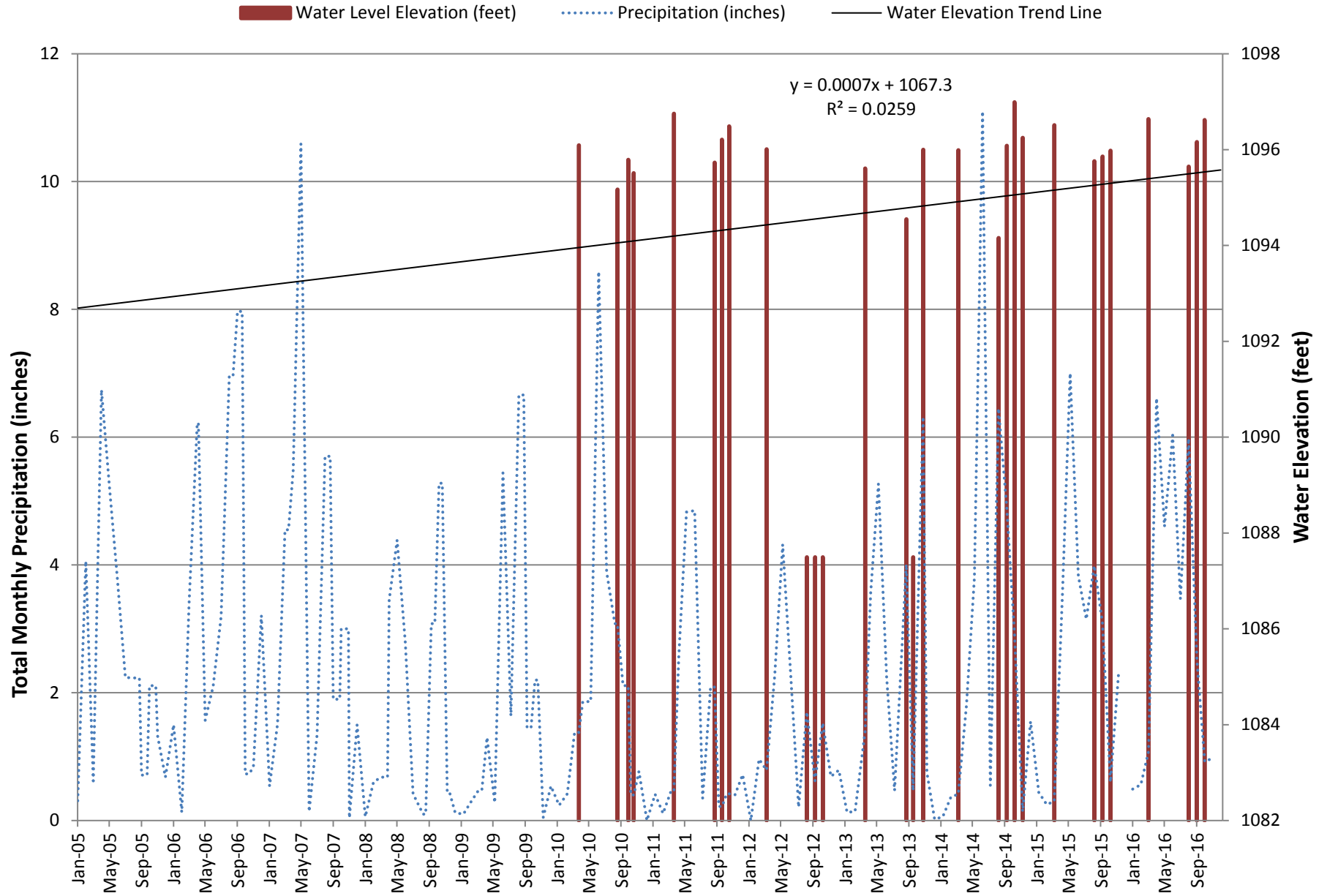


Figure 2 2005-2016 Water Elevations for DG-02A and Total Monthly Precipitation



DG-02A-2
POND DG-02A PHOTOGRAPHS



Photograph 1: View of DG-02A looking south, March 23, 2016.



Photograph 2: View of DG-02A looking west, March 23, 2016.



Photograph 3: View of DG-02A looking south, August 18, 2016.



Photograph 4: View of DG-02A looking west, August 18, 2016.



Photograph 5: View of DG-02A looking south, September 23, 2016.



Photograph 6: View of DG-02A looking west, September 23, 2016.



Photograph 7: View of DG-02A looking south, October 20, 2016.



Photograph 8: View of DG-02A looking west, October 20, 2016.

DG-02A-3
POND DG-02A WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG02A

Permanent Benchmark Elevation (feet): 1,104.97

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,096.64
8/18/2016	1,095.65
9/23/2016	1,096.16
10/20/2016	1,096.62

DG-03
BATHYMETRIC MONITORING DATA

DG-03-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG03

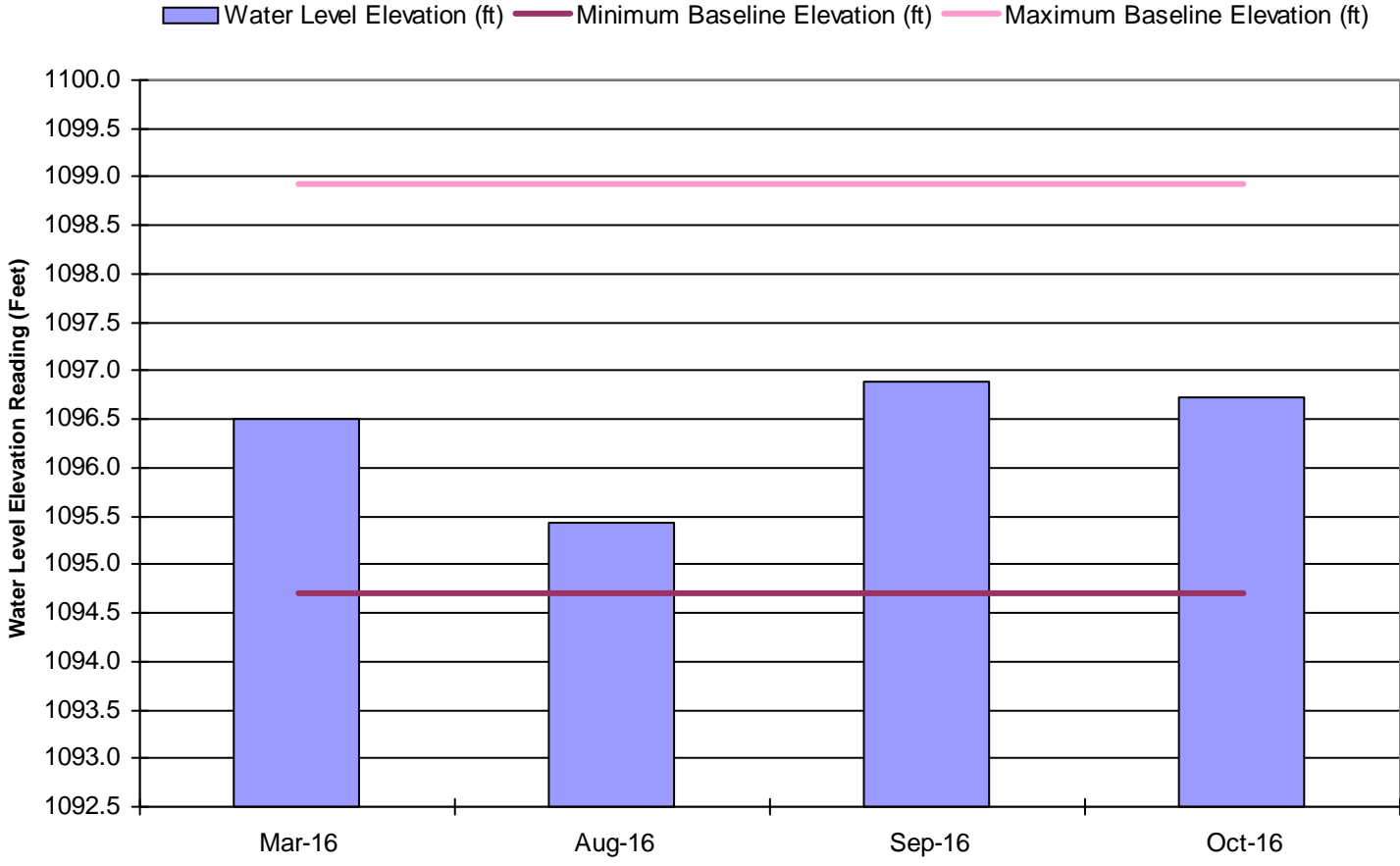
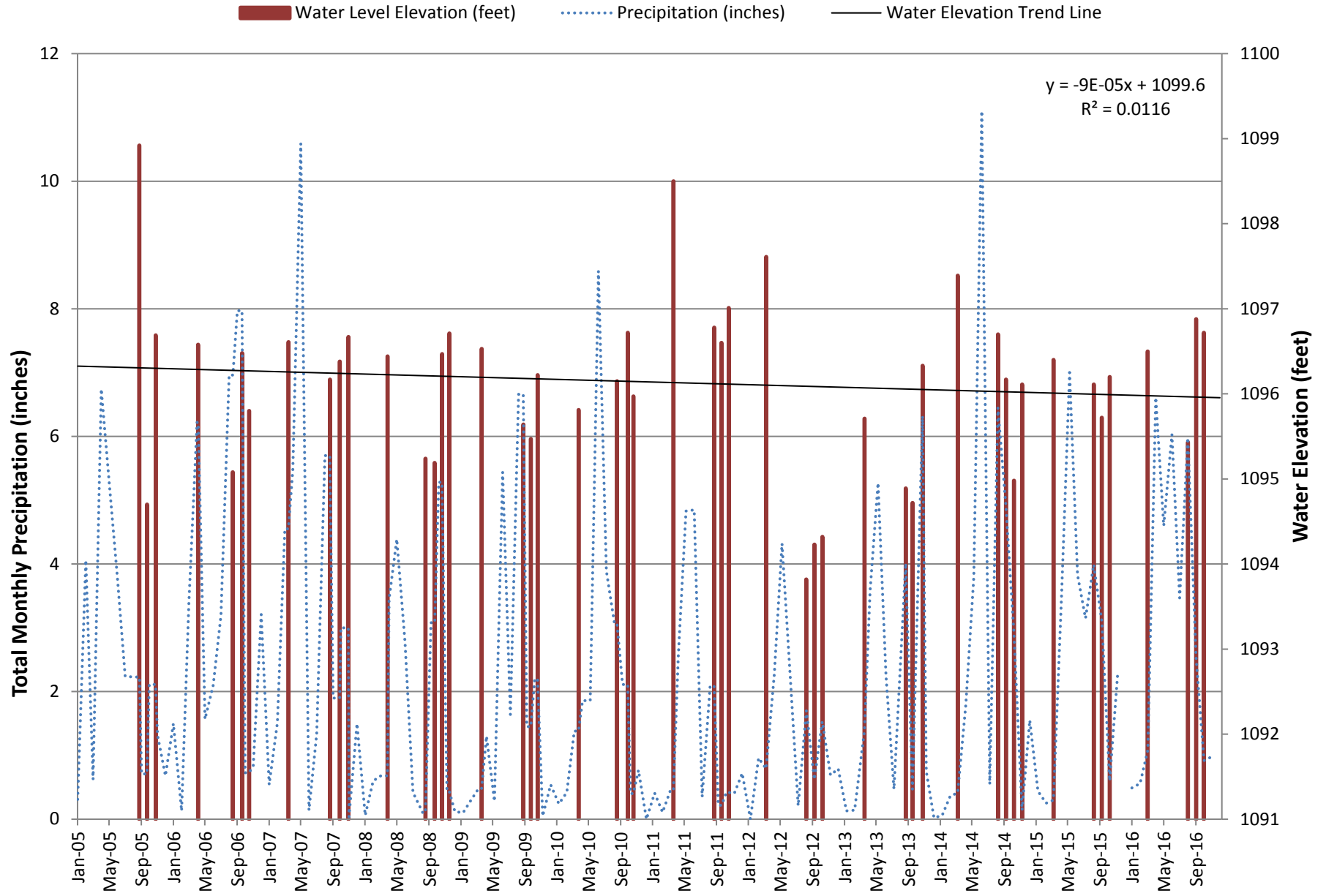


Figure 2 2005-2016 Water Elevations for DG-03 and Total Monthly Precipitation



DG-03-2
POND DG-03 PHOTOGRAPHS



Photograph 1: View of DG-03 looking west, March 23, 2016.



Photograph 2: View of DG-03 looking north, March 23, 2016.



Photograph 3: View of DG-03 looking east, March 23, 2016.



Photograph 4: View of DG-03 looking west, August 18, 2016.



Photograph 5: View of DG-03 looking north, August 18, 2016.



Photograph 6: View of DG-03 looking east, August 18, 2016.



Photograph 7: View of DG-03 looking west, September 23, 2016.



Photograph 8: View of DG-03 looking north, September 23, 2016.



Photograph 9: View of DG-03 looking east, September 23, 2016.



Photograph 10: View of DG-03 looking west, October 20, 2016.



Photograph 11: View of DG-03 looking north, October 20, 2016.



Photograph 12: View of DG-03 looking east, October 20, 2016.

DG-03-3
POND DG-03 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG03

Permanent Benchmark Elevation (feet): 1,104.97

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,096.50
8/18/2016	1,095.43
9/23/2016	1,096.88
10/20/2016	1,096.72

DG-04
BATHYMETRIC MONITORING DATA

DG-04-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG04

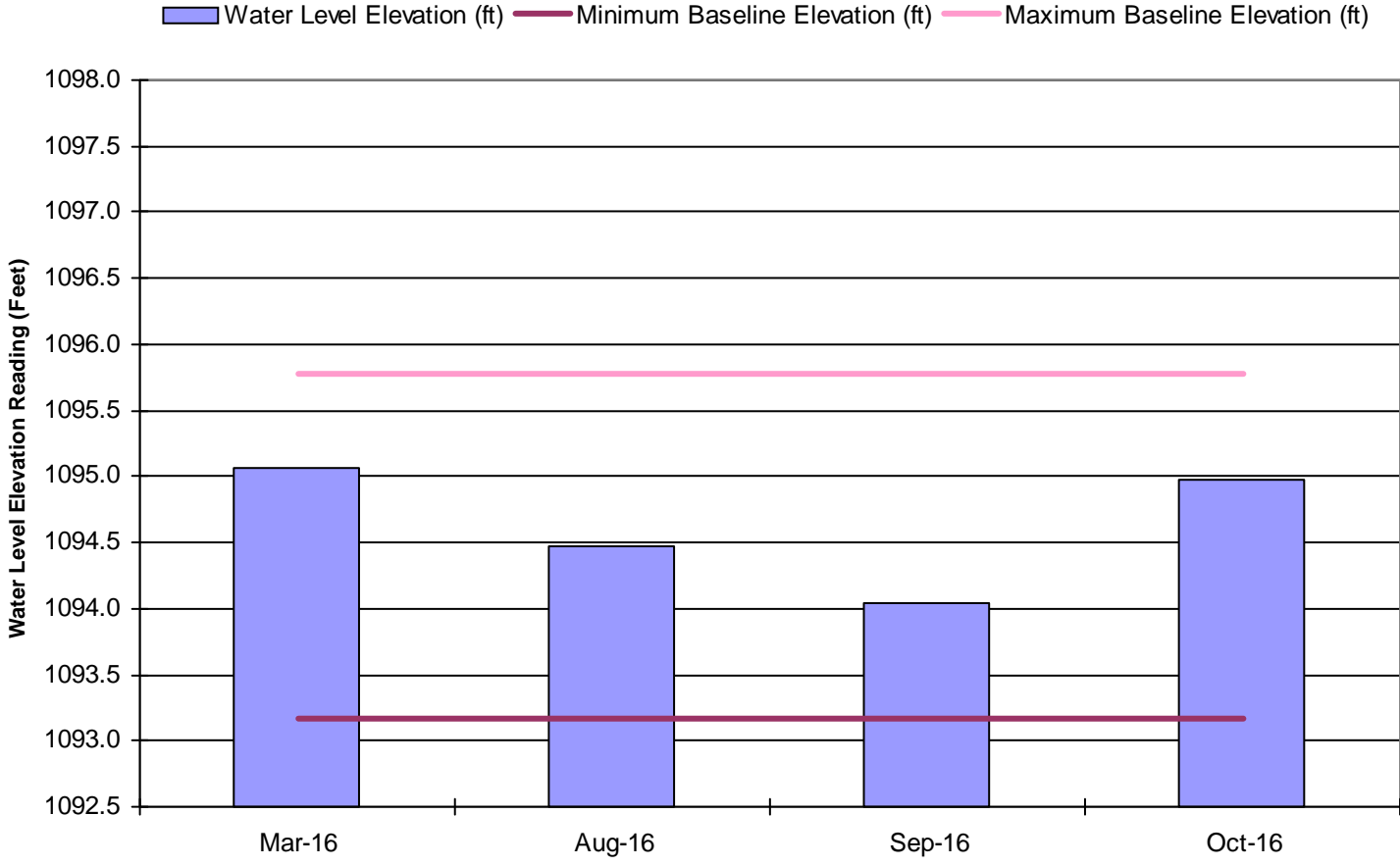
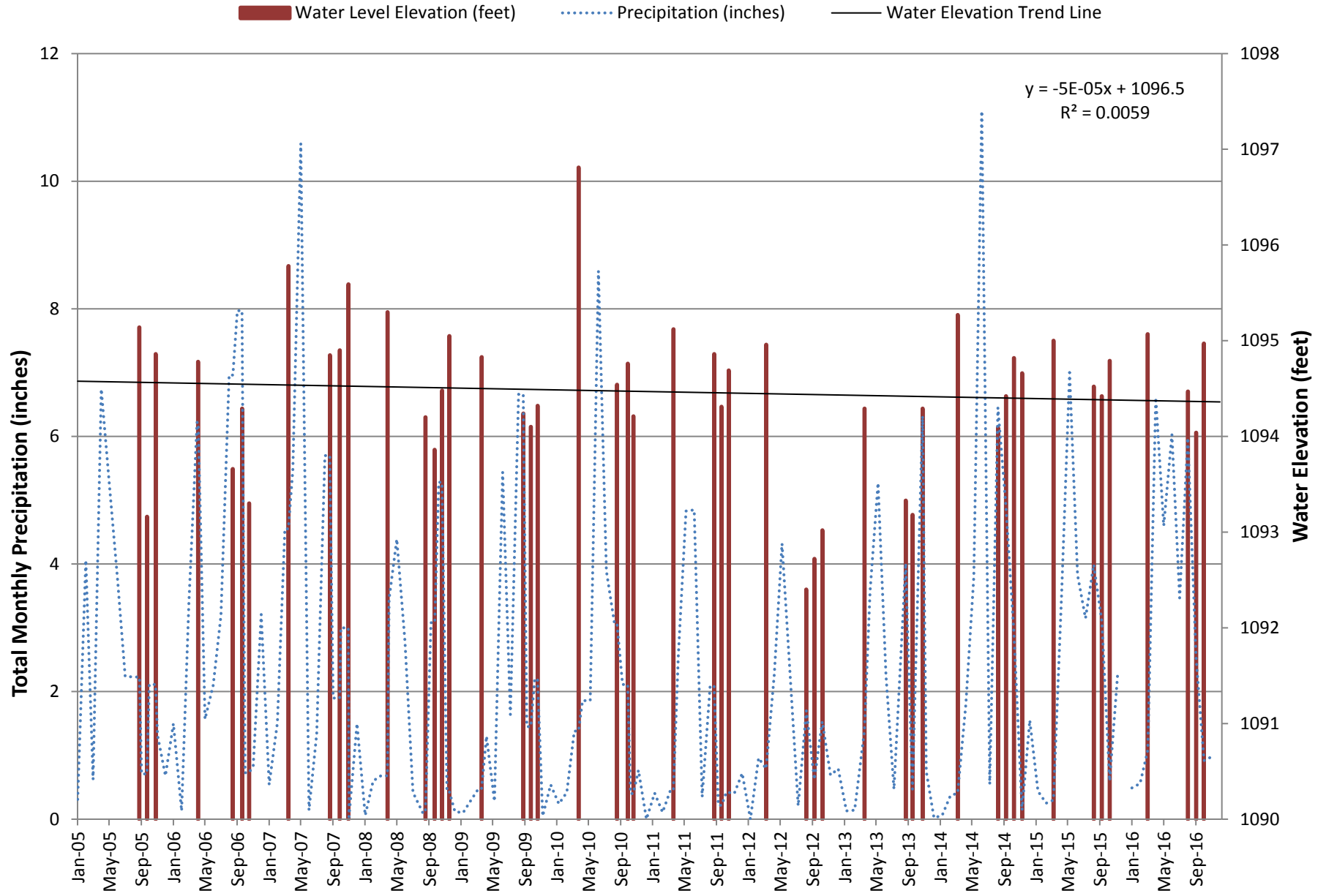


Figure 2 2005-2016 Water Elevations for DG-04 and Total Monthly Precipitation



DG-04-2
POND DG-04 PHOTOGRAPHS



Photograph 1: View of DG-04 looking east, March 23, 2016.



Photograph 2: View of DG-04 looking east, August 18, 2016.



Photograph 3: View of DG-04 looking east September 23, 2016.



Photograph 4: View of DG-04 looking east, October 20, 2016.

DG-04-3
POND DG-04 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG04

Permanent Benchmark Elevation (feet): 1,102.04

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,095.07
8/18/2016	1,094.47
9/23/2016	1,094.04
10/20/2016	1,094.97

DG-04A
BATHYMETRIC MONITORING DATA

DG-04A-1
FIGURES

**Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations
for Pond DG04A**

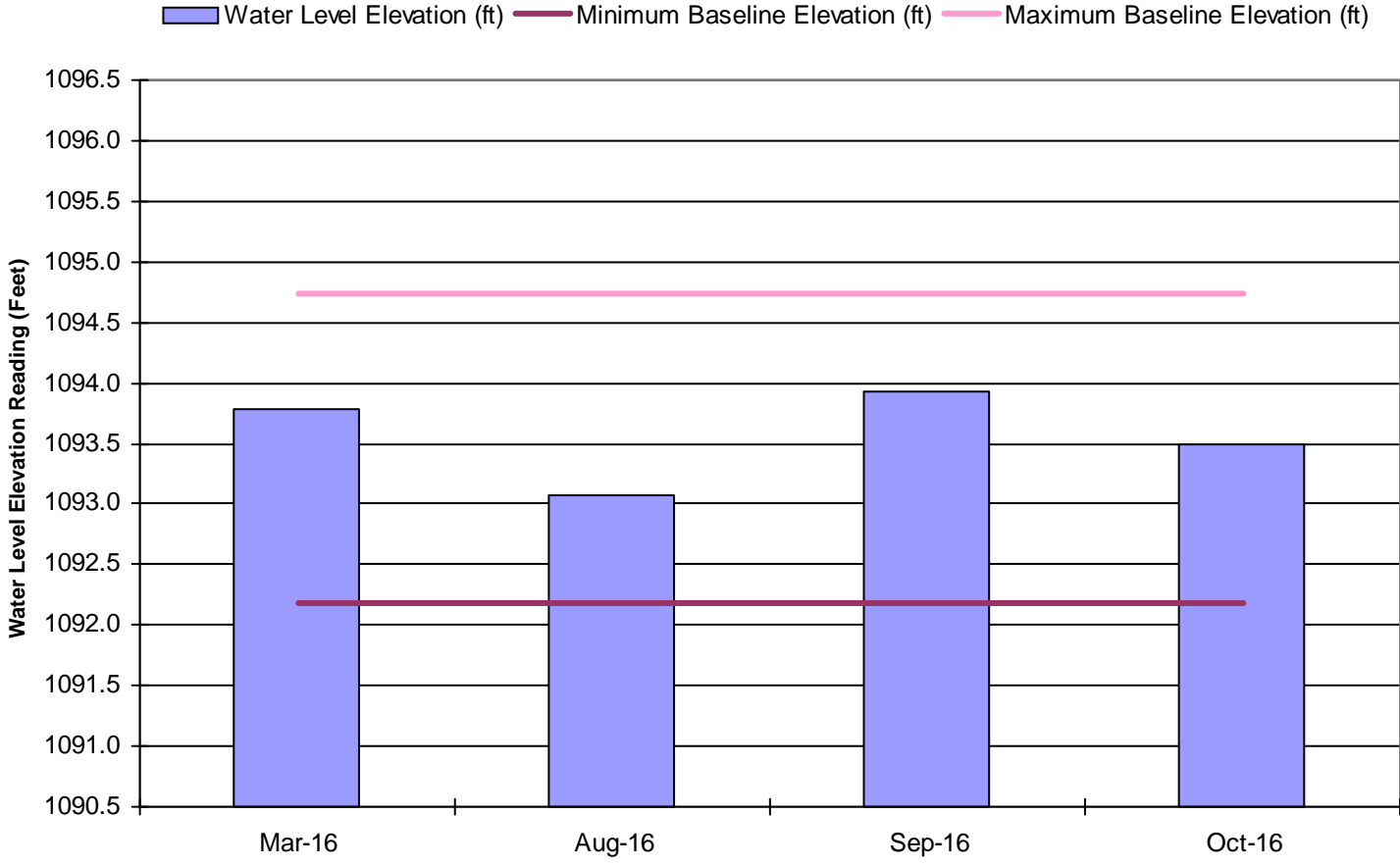
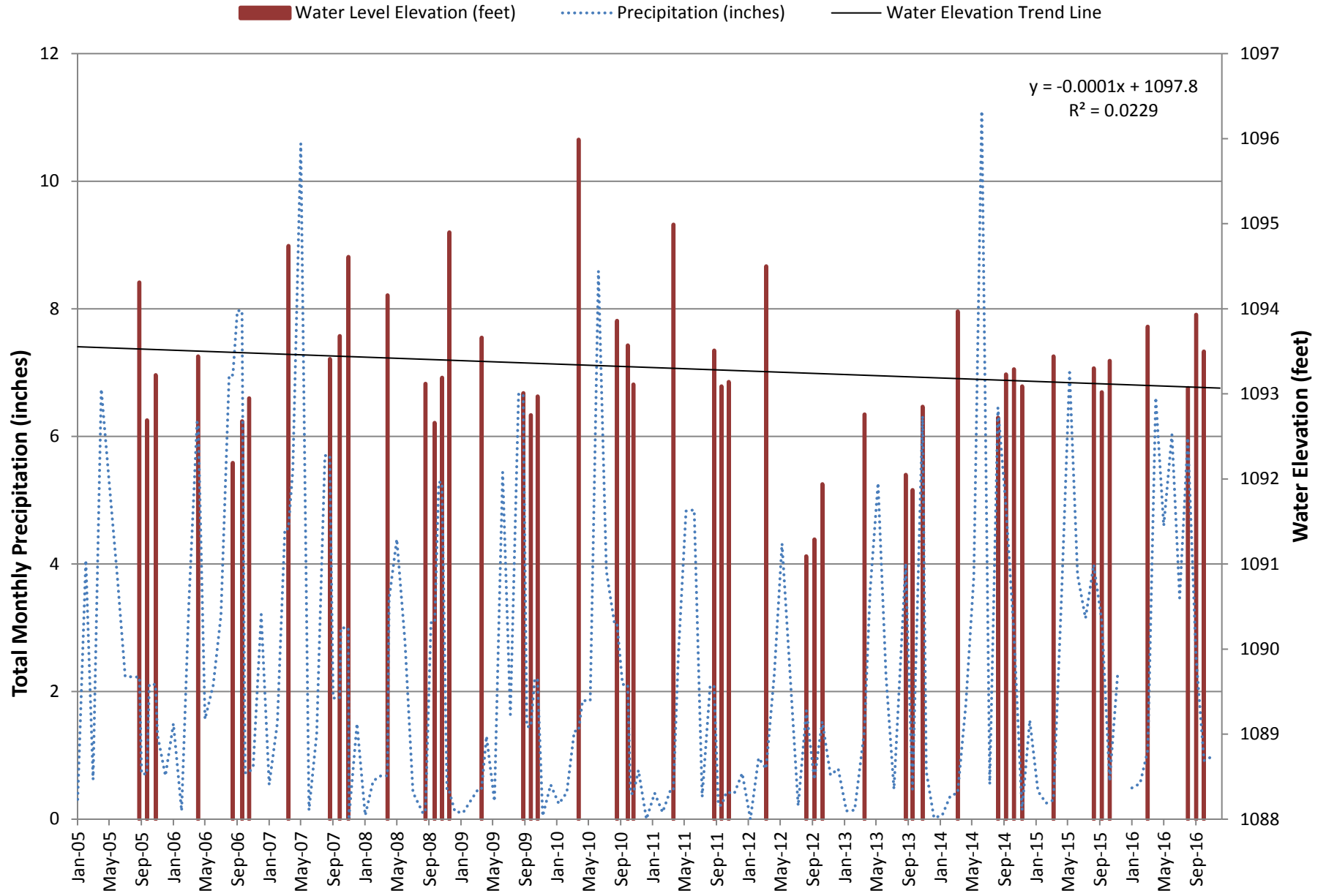


Figure 2 2005-2016 Water Elevations for DG-04A and Total Monthly Precipitation



DG-04A-2
POND DG-04A PHOTOGRAPHS



Photograph 1: View of DG-04A looking northeast, March 23, 2016.



Photograph 2: View of DG-04A looking southeast, March 23, 2016.



Photograph 3: View of DG-04A looking northeast, August 28, 2016.



Photograph 4: View of DG-04A looking southeast, August 28, 2016.



Photograph 5: View of DG-04A looking northeast, September 23, 2016.



Photograph 6: View of DG-04A looking southeast, September 23, 2016.



Photograph 7: View of DG-04A looking northeast, October 20, 2016.



Photograph 8: View of DG-04A looking southeast, October 20, 2016.

DG-04A-3
POND DG-04A WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG04A

Permanent Benchmark Elevation (feet): 1,100.08

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,093.79
8/18/2016	1,093.07
9/23/2016	1,093.93
10/20/2016	1,093.50

DG-04B
BATHYMETRIC MONITORING DATA

DG-04B-1
FIGURES

**Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations
for Pond DG04B**

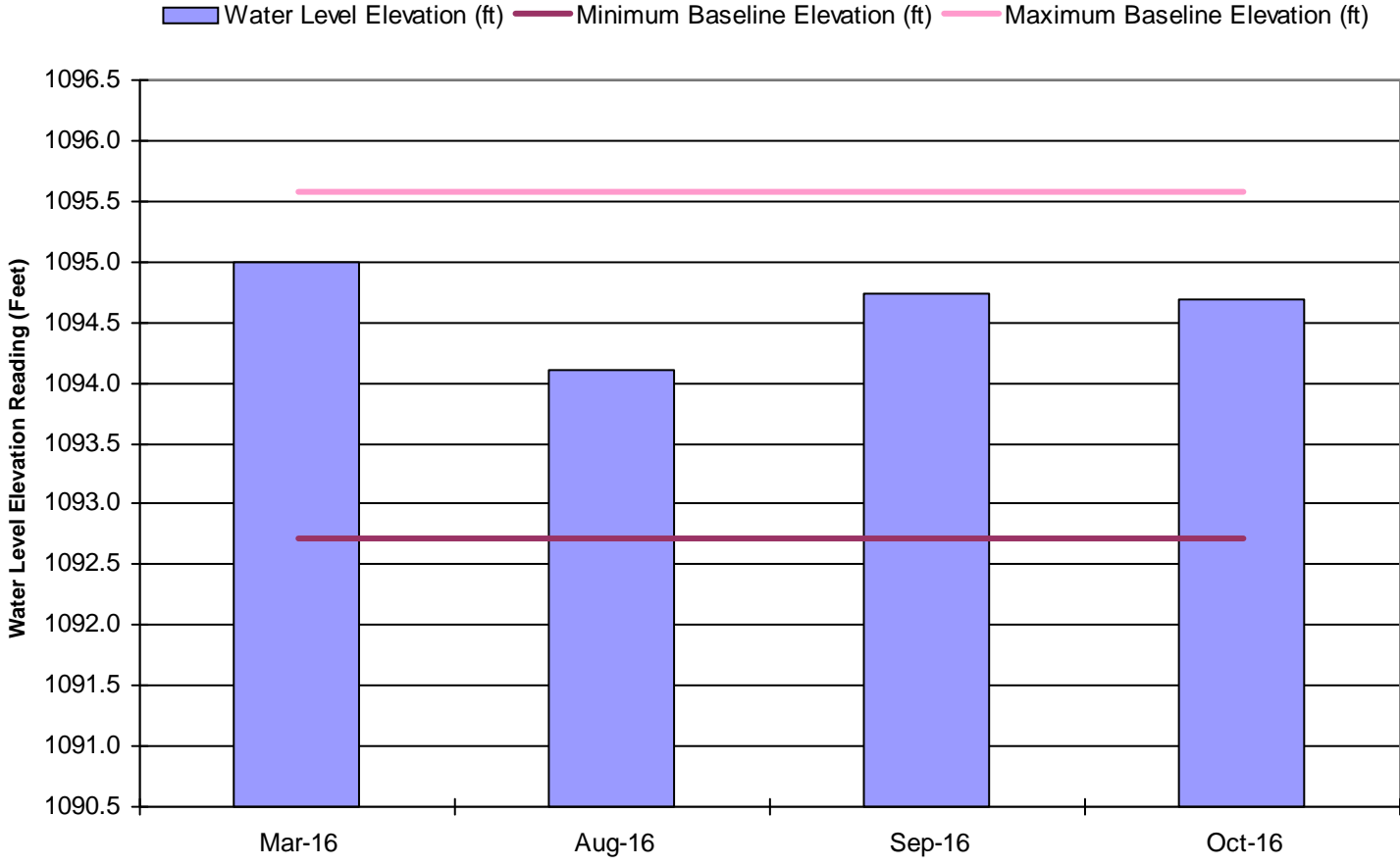
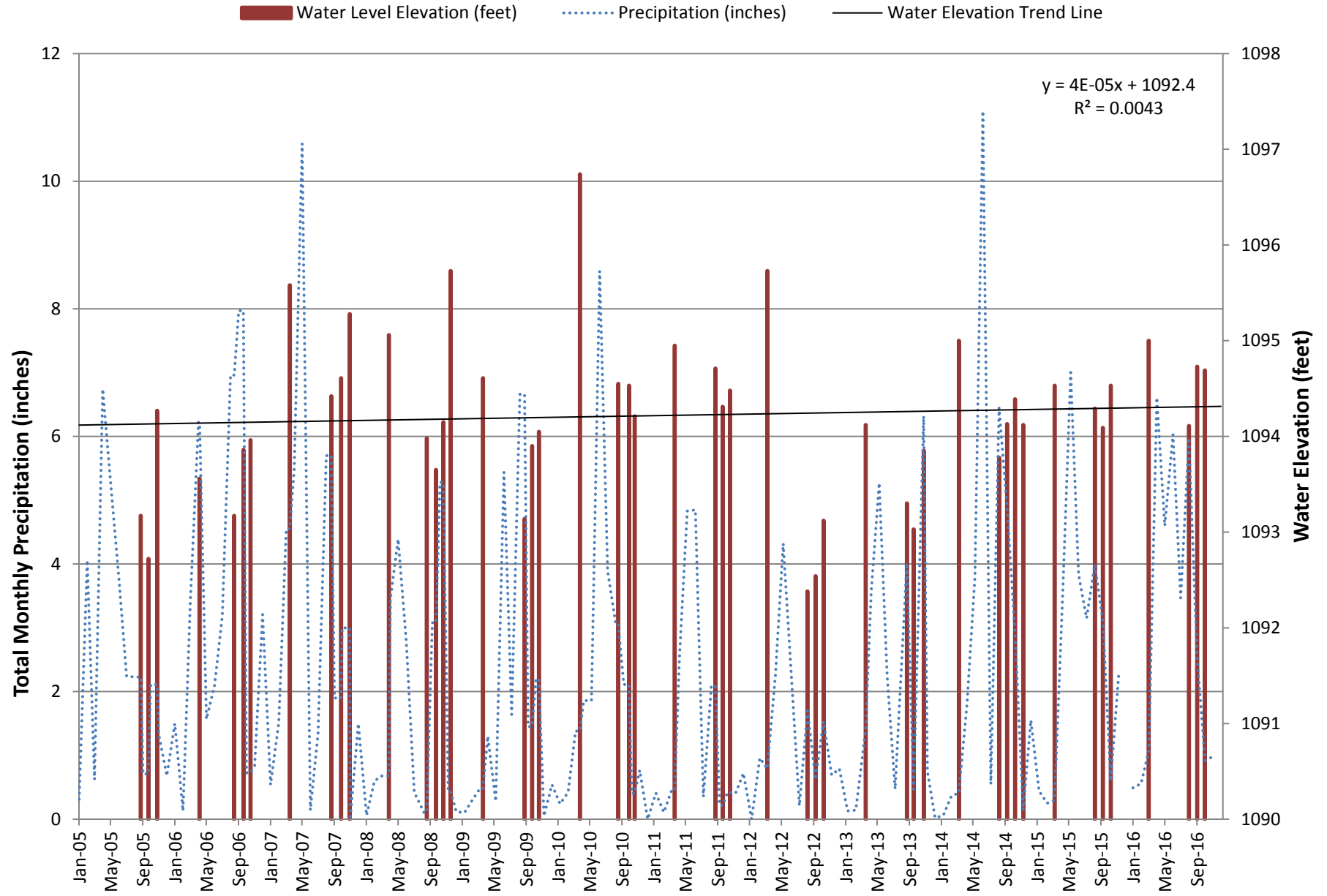


Figure 2 2005-2016 Water Elevations for DG-04B and Total Monthly Precipitation



DG-04B-2
POND DG-04B PHOTOGRAPHS



Photograph 1: View of DG-04B looking southeast, March 23, 2016.



Photograph 2: View of DG-04B looking southwest, March 23, 2016.



Photograph 3: View of DG-04B looking southeast, August 18, 2016.



Photograph 4: View of DG-04B looking southwest, August 18, 2016.



Photograph 5: View of DG-04B looking southeast, September 23, 2016.



Photograph 6: View of DG-04B looking southwest, September 23, 2016.



Photograph 7: View of DG-04B looking southeast, October 20, 2016.



Photograph 8: View of DG-04B looking southwest, October 20, 2016.

DG-04B-3
POND DG-04B WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG04B

Permanent Benchmark Elevation (feet): 1,100.08

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,095.00
8/18/2016	1,094.11
9/23/2016	1,094.73
10/20/2016	1,094.69

DG-05
BATHYMETRIC MONITORING DATA

DG-05-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG05

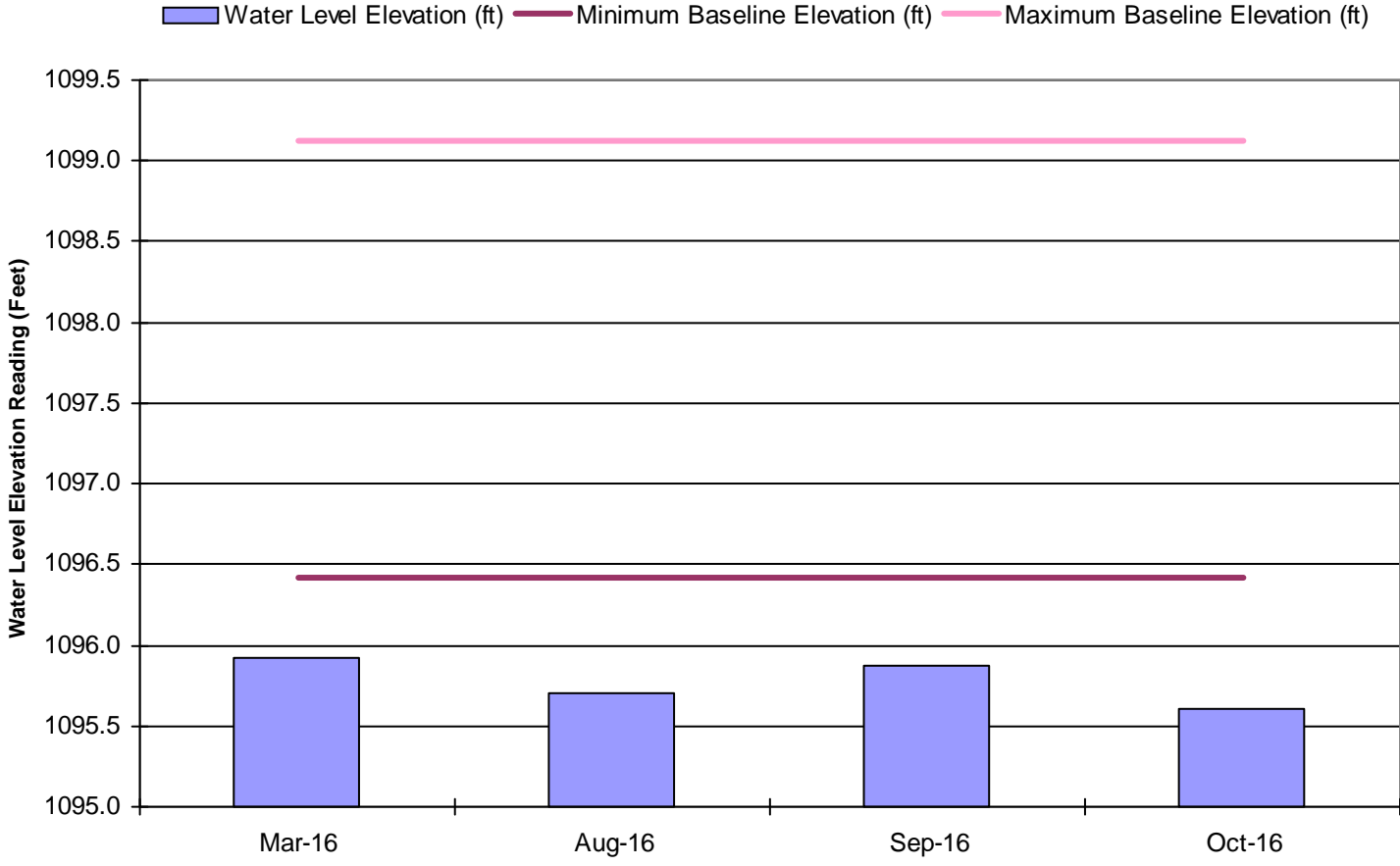
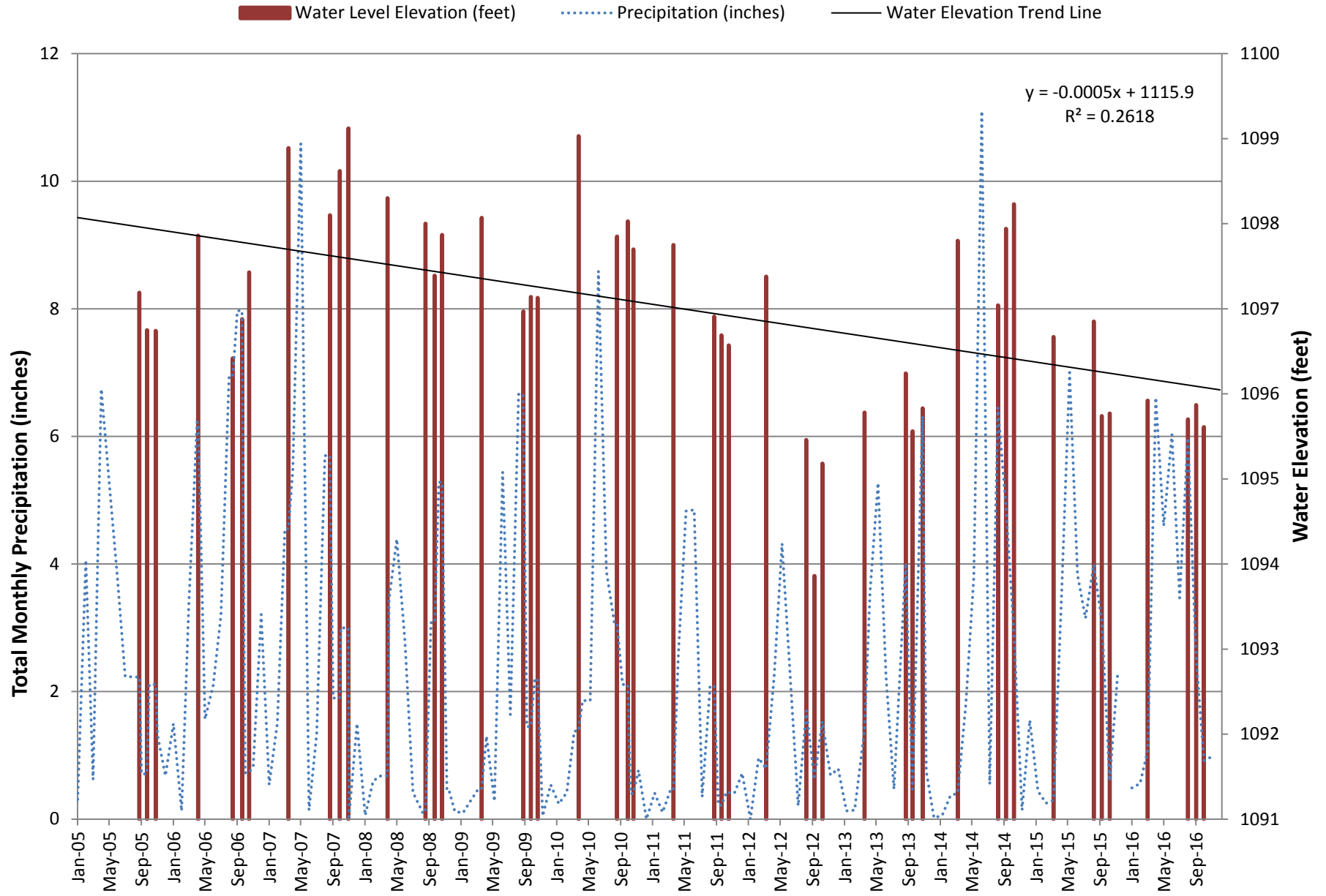


Figure 2 2005-2016 Water Elevations for DG-05 and Total Monthly Precipitation



DG-05-2
POND DG-05 PHOTOGRAPHS



Photograph 1: View of DG-05 looking east, March 23, 2016.



Photograph 2: View of DG-05 looking east, August 18, 2016.



Photograph 3: View of DG-05 looking east, September 23, 2016.



Photograph 4: View of DG-05 looking east, October 20, 2016.

DG-05-3
POND DG-05 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG05

Permanent Benchmark Elevation (feet): 1,102.58

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,095.92
8/18/2016	1,095.70
9/23/2016	1,095.87
10/20/2016	1,095.61

DG-09
BATHYMETRIC MONITORING DATA

DG-09-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG09

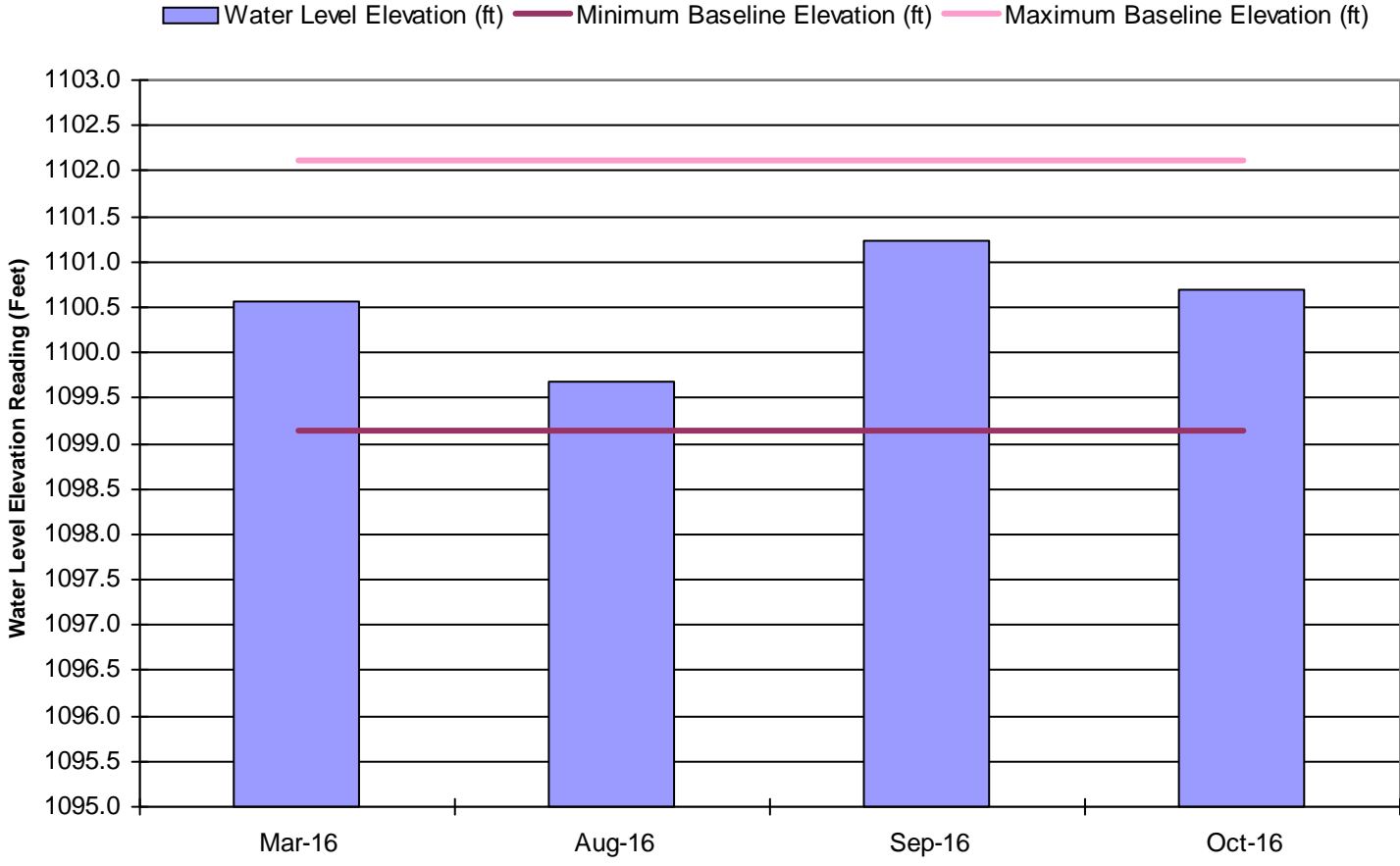
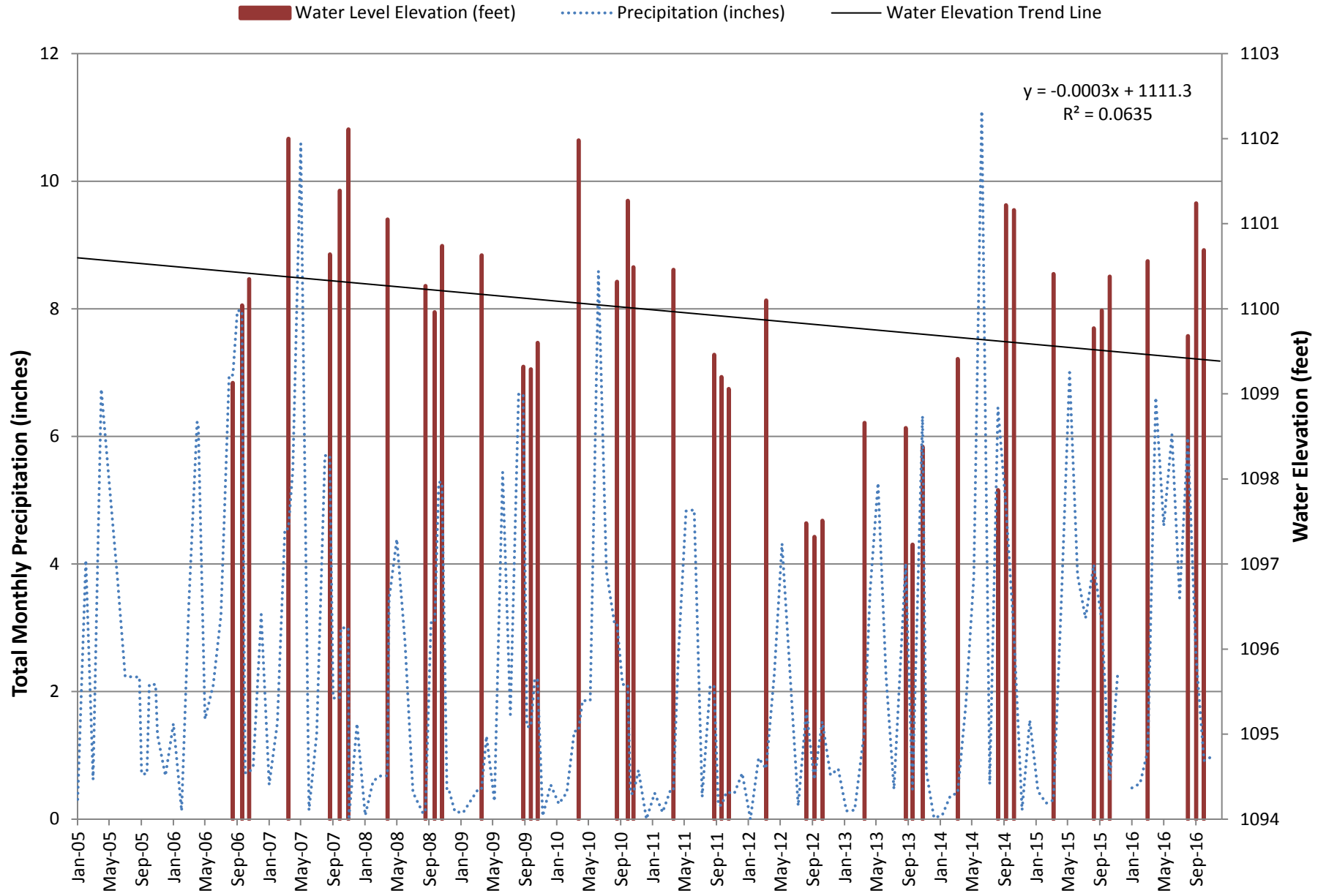


Figure 2 2005-2016 Water Elevations for DG-09 and Total Monthly Precipitation



DG-09-2
POND DG-09 PHOTOGRAPHS



Photograph 1: View of DG-09 looking west, March 23, 2016.



Photograph 2: View of DG-09 looking north, March 23, 2016.



Photograph 3: View of DG-09 looking east, March 23, 2016.



Photograph 4: View of DG-09 looking west, August 18, 2016.



Photograph 5: View of DG-09 looking north, August 18, 2016.



Photograph 6: View of DG-09 looking east, August 18, 2016.



Photograph 7: View of DG-09 looking west, September 23, 2016.



Photograph 8: View of DG-09 looking north, September 23, 2016.



Photograph 9: View of DG-09 looking east, September 23, 2016.



Photograph 10: View of DG-09 looking west, October 20, 2016.



Photograph 11: View of DG-09 looking north, October 20, 2016.



Photograph 12: View of DG-09 looking east, October 20, 2016.

DG-09-3
POND DG-09 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG09

Permanent Benchmark Elevation (feet): 1,102.90

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,100.56
8/18/2016	1,099.68
9/23/2016	1,101.24
10/20/2016	1,100.69

DG-11
BATHYMETRIC MONITORING DATA

DG-11-2
POND DG-11 PHOTOGRAPHS



Photograph 1: View of DG-11 looking south, March 23, 2016.



Photograph 2: View of DG-11 looking southwest, March 23, 2016.



Photograph 3: View of DG-11 looking west, March 23, 2016.



Photograph 4: View of DG-11 looking north, March 23, 2016.



Photograph 5: View of DG-11 looking south, August 18, 2016.



Photograph 6: View of DG-11 looking southwest, August 18, 2016.



Photograph 7: View of DG-11 looking west, August 18, 2016.



Photograph 8: View of DG-11 looking north, August 18, 2016.



Photograph 9: View of DG-11 looking south, September 23, 2016.



Photograph 10: View of DG-11 looking southwest, September 23, 2016.



Photograph 11: View of DG-11 looking west, September 23, 2016.



Photograph 12: View of DG-11 looking north, September 23, 2016.



Photograph 13: View of DG-11 looking south, October 20, 2016.



Photograph 14: View of DG-11 looking southwest, October 20, 2016.



Photograph 15: View of DG-11 looking west, October 20, 2016.



Photograph 16: View of DG-11 looking north, October 20, 2016.

DG-13
BATHYMETRIC MONITORING DATA

**DG-13-1
FIGURES**

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG13

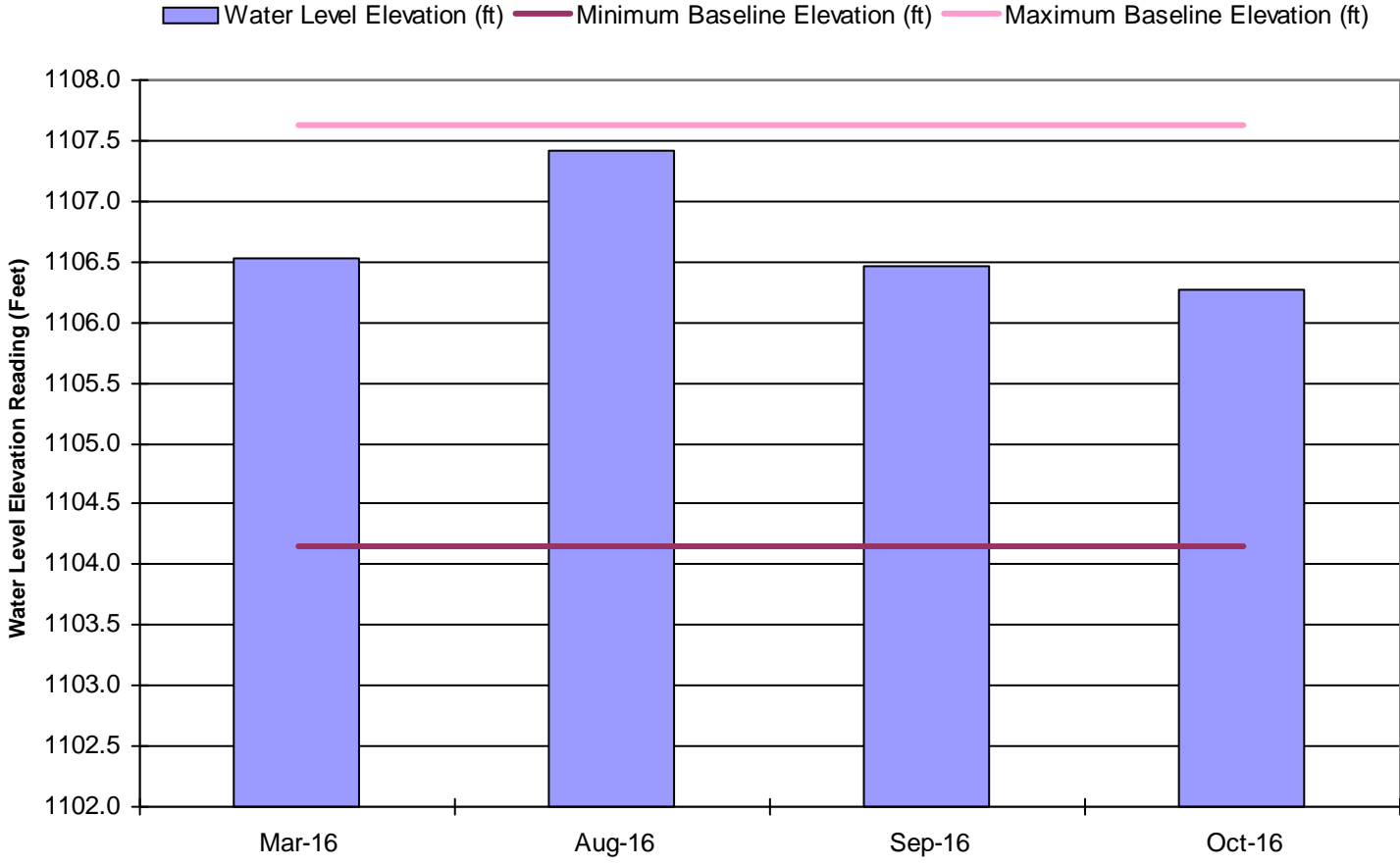
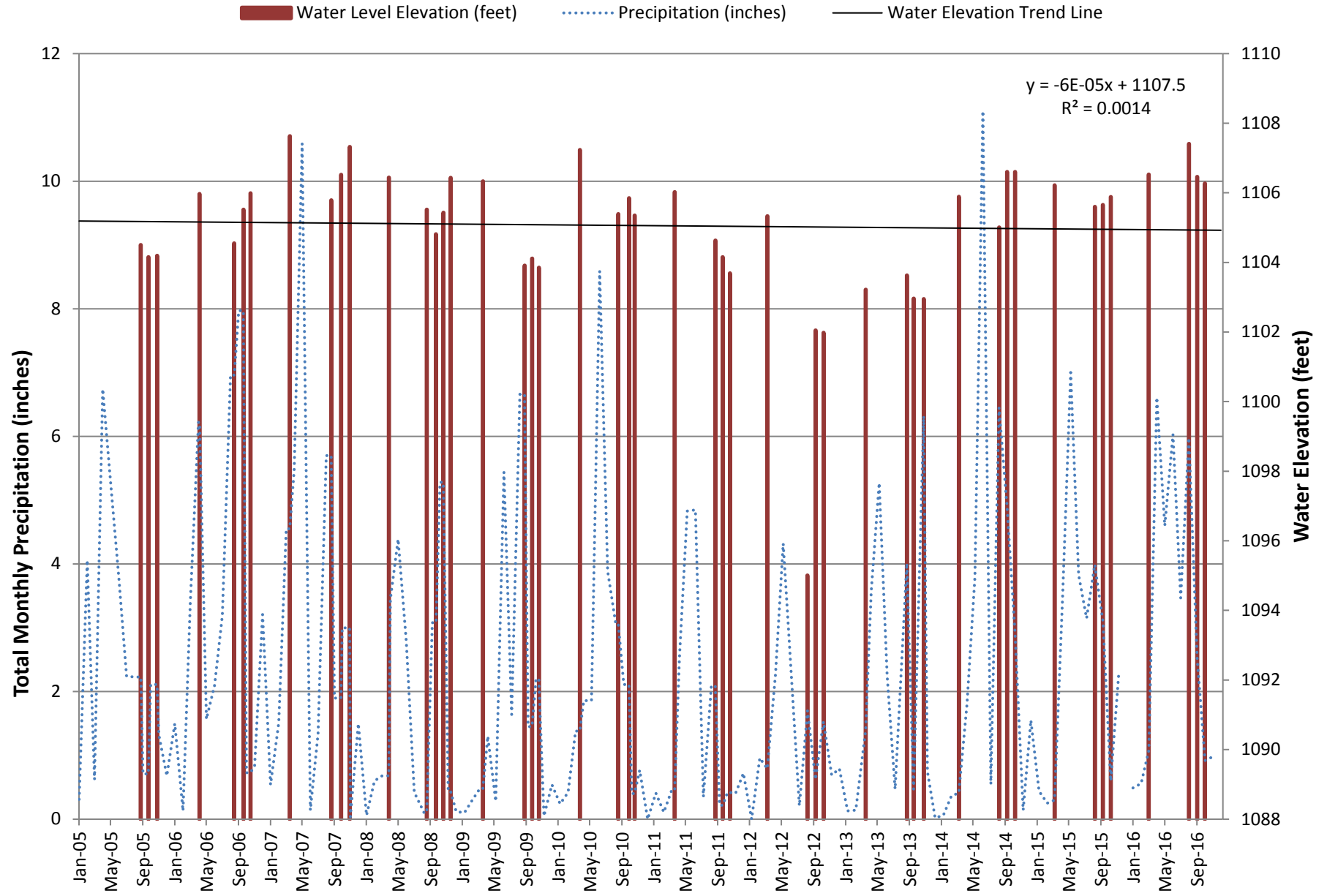


Figure 2 2005-2016 Water Elevations for DG-13 and Total Monthly Precipitation



DG-13-2
POND DG-13 PHOTOGRAPHS



Photograph 1: View of DG-13 looking northeast, March 23, 2016.



Photograph 2: View of DG-13 looking southeast, March 23, 2016.



Photograph 3: View of DG-13 looking northeast, August 18, 2016.



Photograph 4: View of DG-13 looking southeast, August 18, 2016.



Photograph 5: View of DG-13 looking northeast, September 23, 2016.



Photograph 6: View of DG-13 looking southeast, September 23, 2016.



Photograph 7: View of DG-13 looking northeast, October 20, 2016.



Photograph 8: View of DG-13 looking southeast, October 20, 2016.

DG-13-3
POND DG-13 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG13

Permanent Benchmark Elevation (feet): 1,113.71

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,106.53
8/18/2016	1,107.41
9/23/2016	1,106.46
10/20/2016	1,106.27

DG-15
BATHYMETRIC MONITORING DATA

**DG-15-1
FIGURES**

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG15

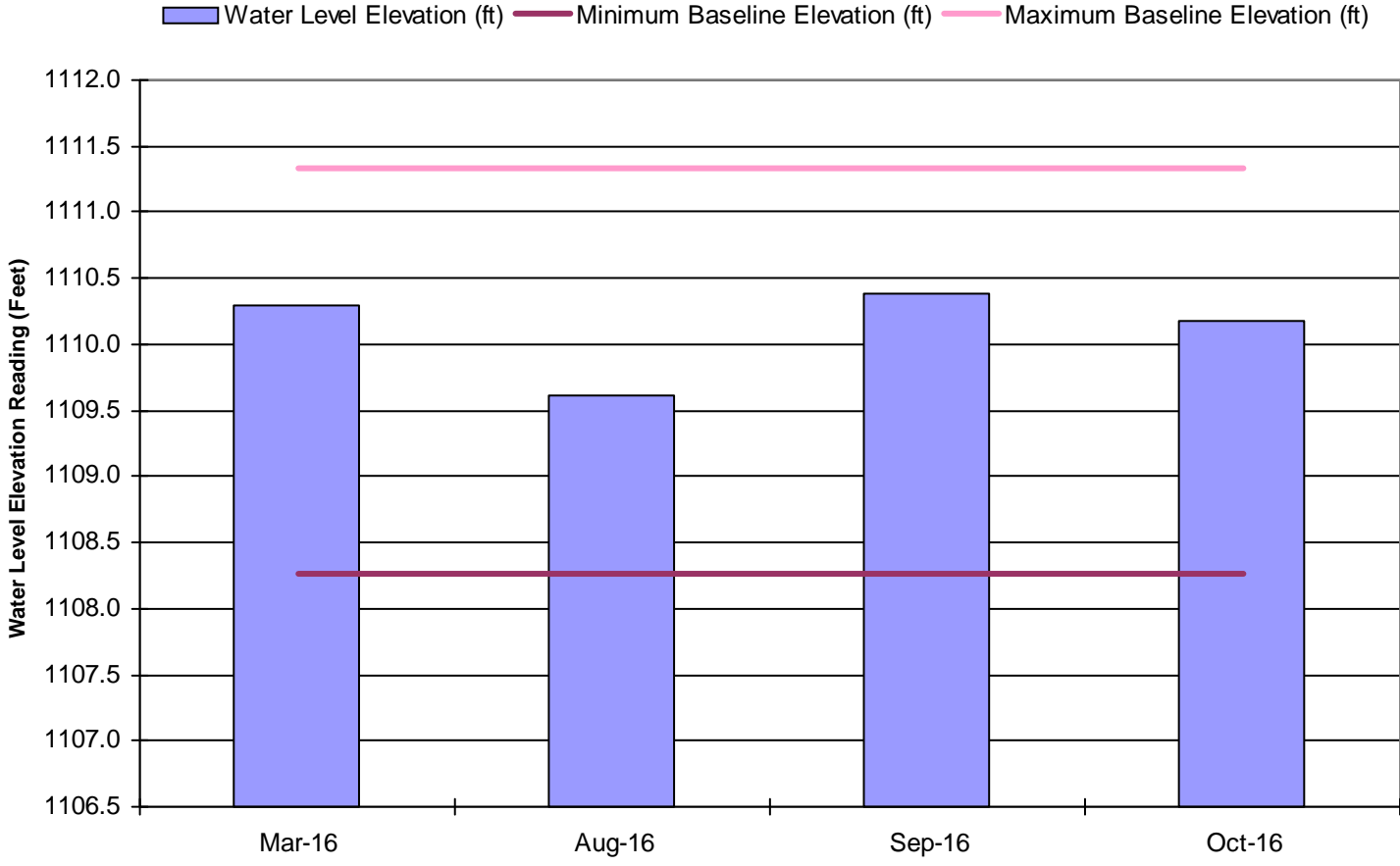
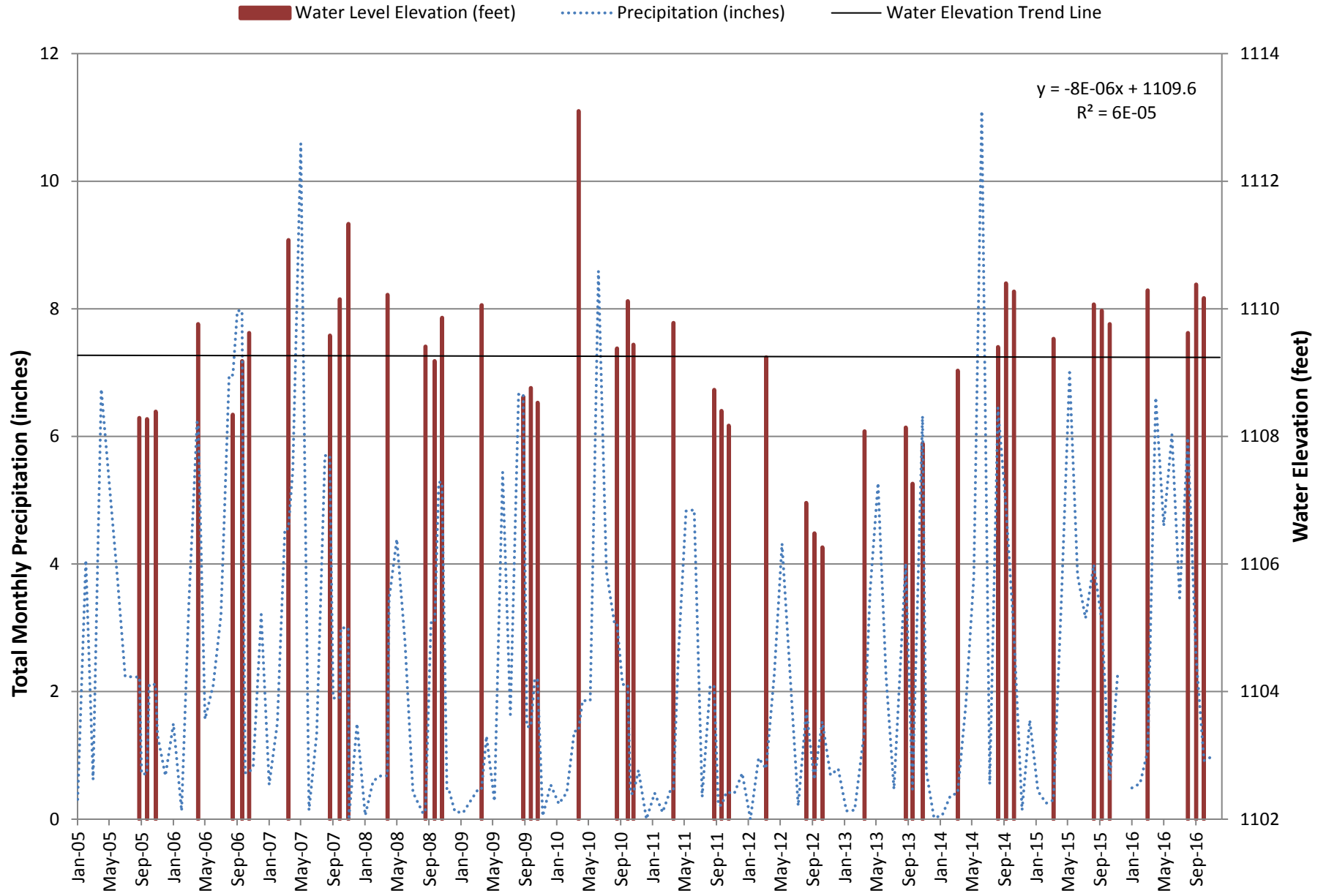


Figure 2 2005-2016 Water Elevations for DG-15 and Total Monthly Precipitation



DG-15-2
POND DG-15 PHOTOGRAPHS



Photograph 1: View of DG-15 looking south, March 23, 2016.



Photograph 2: View of DG-15 looking east, March 23, 2016.



Photograph 3: View of DG-15 looking south, August 18, 2016.



Photograph 4: View of DG-15 looking east, August 18, 2016.



Photograph 5: View of DG-15 looking south, September 23, 2016.



Photograph 6: View of DG-15 looking east, September 23, 2016.



Photograph 7: View of DG-15 looking south, October 20, 2016.



Photograph 8: View of DG-15 looking east, October 20, 2016.

DG-15-3
POND DG-15 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG15

Permanent Benchmark Elevation (feet): 1,114.97

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,110.29
8/18/2016	1,109.62
9/23/2016	1,110.38
10/20/2016	1,110.17

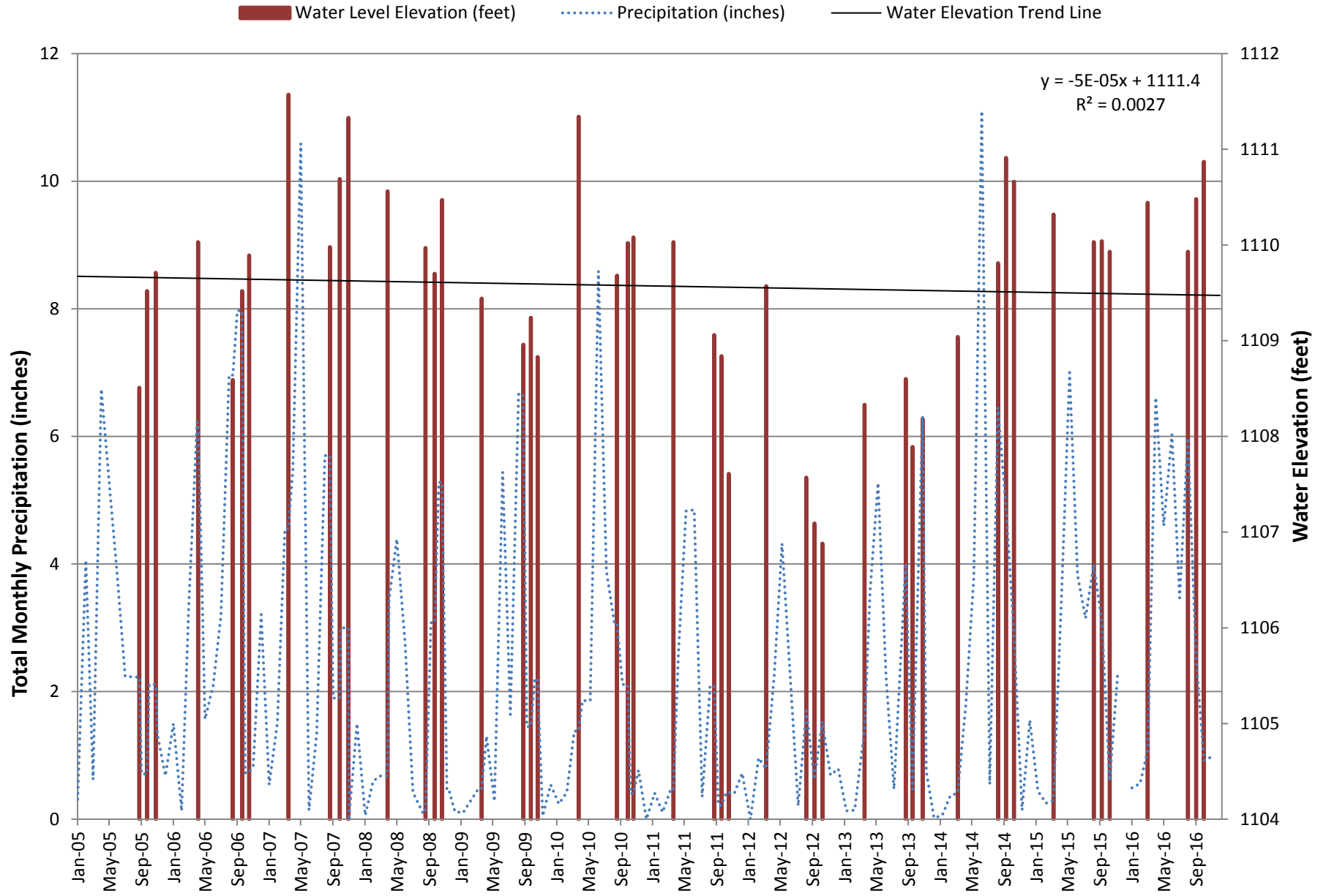
DG-17
BATHYMETRIC MONITORING DATA

DG-17-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG17



Figure 2 2005-2016 Water Elevations for DG-17 and Total Monthly Precipitation



DG-17-2
POND DG-17 PHOTOGRAPHS



Photograph 1: View of DG-17 looking east, March 23, 2016.



Photograph 2: View of DG-17 looking southeast, March 23, 2016.



Photograph 3: View of DG-17 looking east, August 18, 2016.



Photograph 4: View of DG-17 looking southeast, August 18, 2016.



Photograph 5: View of DG-17 looking east, September 23, 2016.



Photograph 6: View of DG-17 looking southeast, September 23, 2016.



Photograph 7: View of DG-17 looking east, October 20, 2016.



Photograph 8: View of DG-17 looking southeast, October 20, 2016.

DG-17-3
POND DG-17 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG17

Permanent Benchmark Elevation (feet): 1,117.83

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,110.44
8/18/2016	1,109.93
9/23/2016	1,110.48
10/20/2016	1,110.87

DG-19
BATHYMETRIC MONITORING DATA

DG-19-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG19

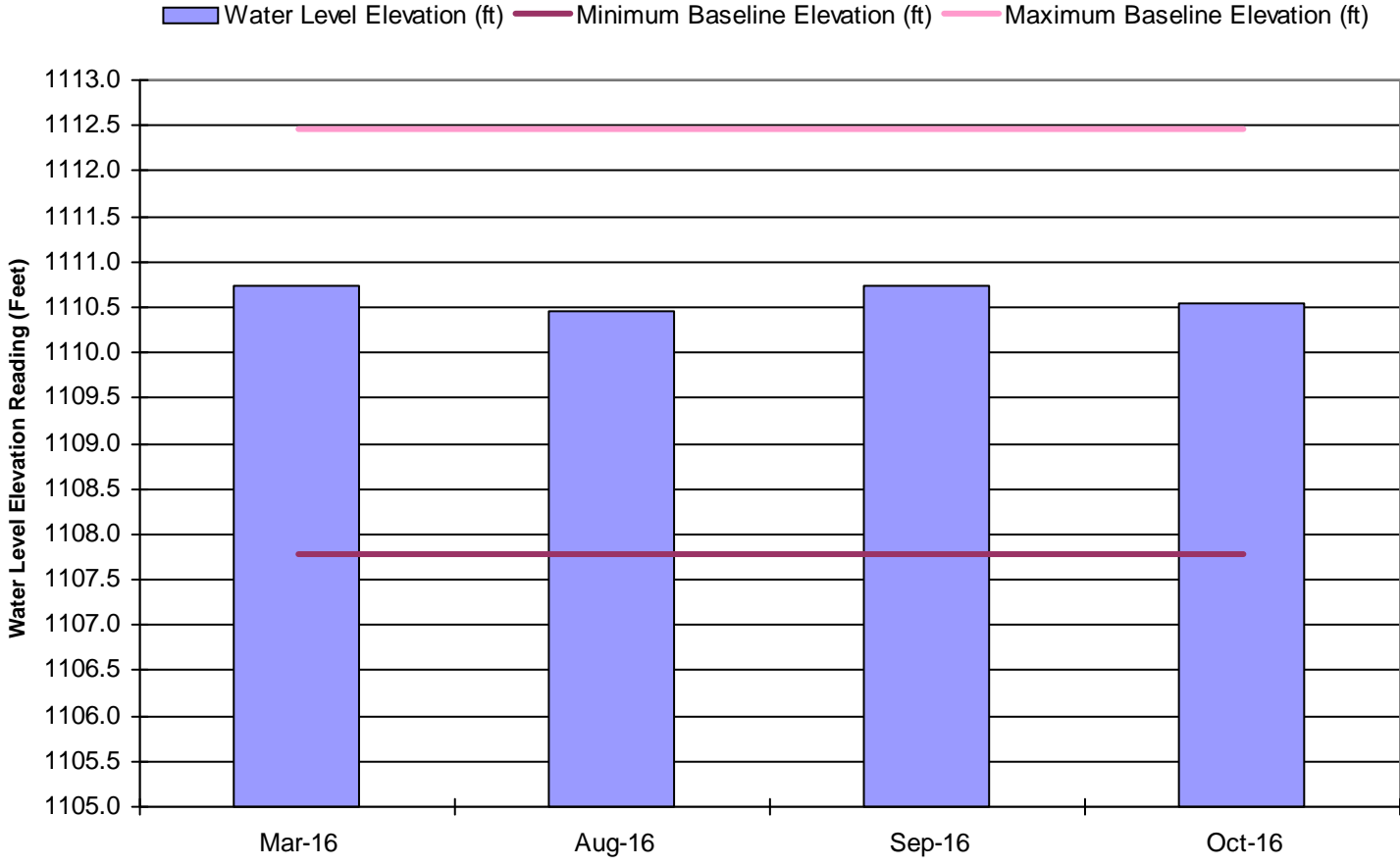
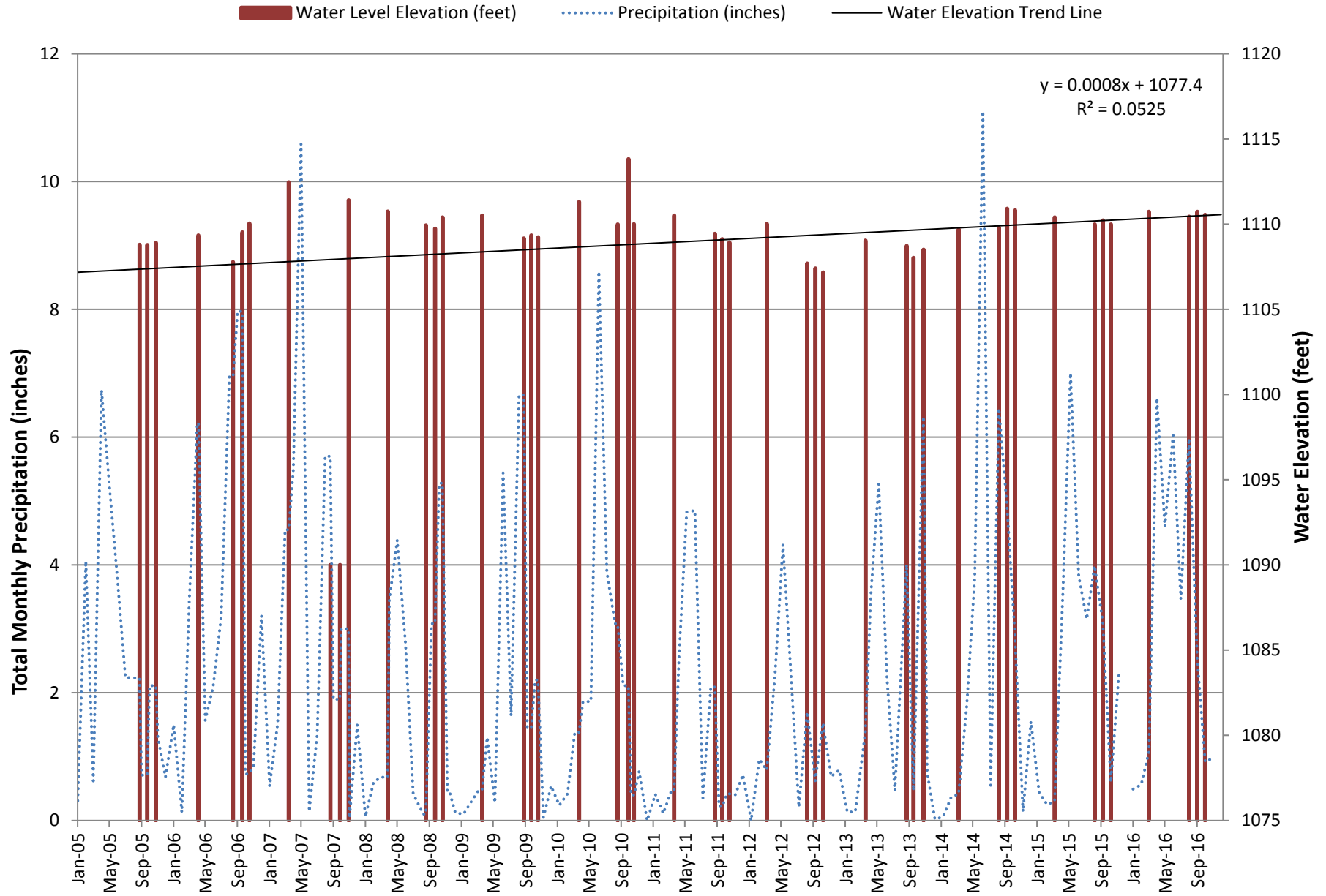


Figure 2 2005-2016 Water Elevations for DG-19 and Total Monthly Precipitation



DG-19-2
POND DG-19 PHOTOGRAPHS



Photograph 1: View of DG-19 looking west, March 23, 2016.



Photograph 2: View of DG-19 looking north, March 23, 2016.



Photograph 3: View of DG-19 looking northeast, March 23, 2016.



Photograph 4: View of DG-19 looking west, August 18, 2016.



Photograph 5: View of DG-19 looking north, August 18, 2016.



Photograph 6: View of DG-19 looking northeast, August 18, 2016.



Photograph 7: View of DG-19 looking west, September 23, 2016.



Photograph 8: View of DG-19 looking north, September 23, 2016.



Photograph 9: View of DG-19 looking northeast, September 23, 2016.



Photograph 10: View of DG-19 looking west, October 20, 2016.



Photograph 11: View of DG-19 looking north, October 20, 2016.



Photograph 12: View of DG-19 looking northeast, October 20, 2016.

DG-19-3
POND DG-19 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG19

Permanent Benchmark Elevation (feet): 1,116.62

Date

Water Level Elevation (feet)

3/23/2016

1,110.73

8/18/2016

1,110.45

9/23/2016

1,110.73

10/20/2016

1,110.55

DG-20
BATHYMETRIC MONITORING DATA

DG-20-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG20

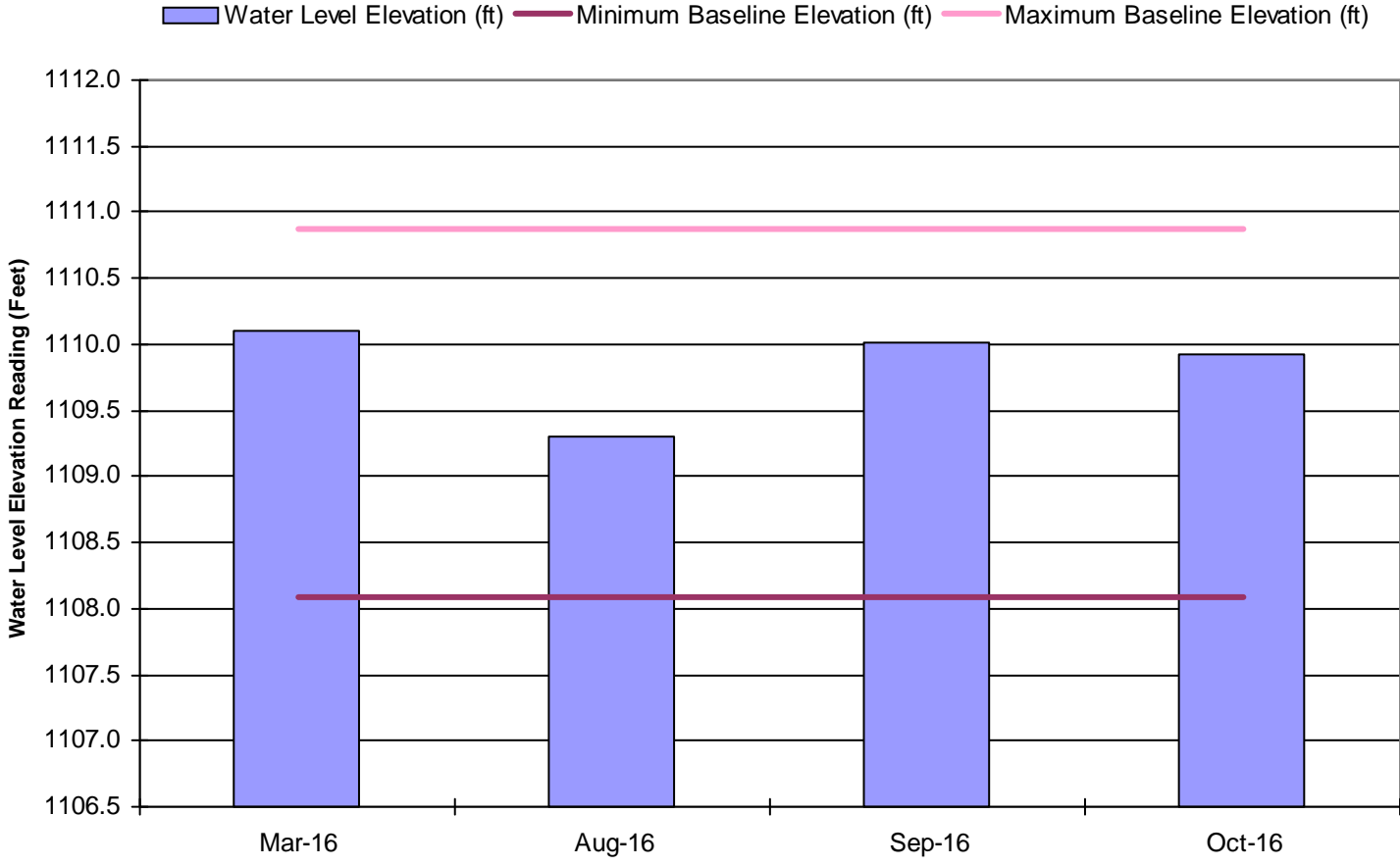
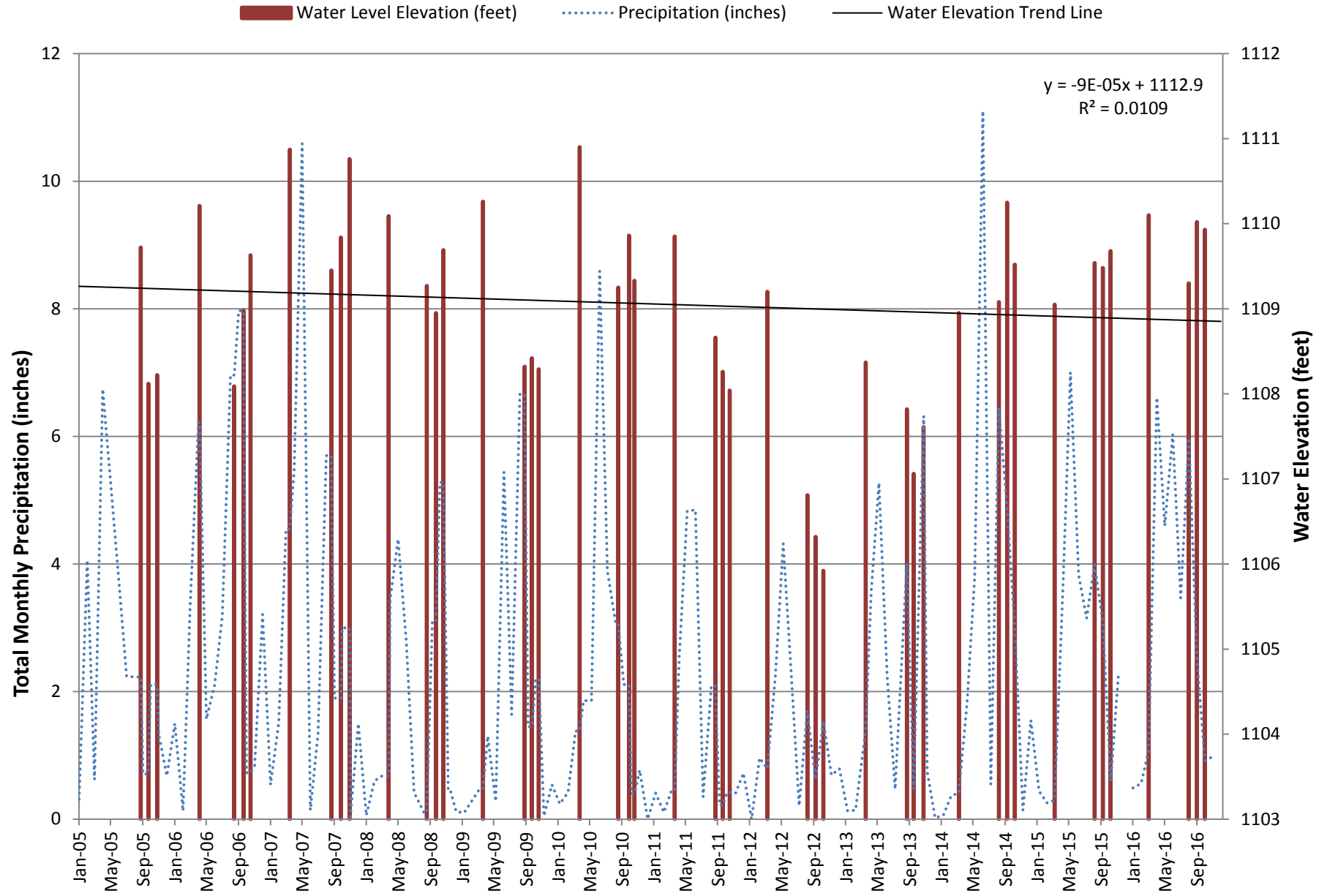


Figure 2 2005-2016 Water Elevations for DG-20 and Total Monthly Precipitation



DG-20-2
POND DG-20 PHOTOGRAPHS



Photograph 1: View of DG-20 looking west, March 23, 2016.



Photograph 2: View of DG-20 looking north, March 23, 2016.



Photograph 3: View of DG-20 looking west, August 18, 2016.



Photograph 4: View of DG-20 looking north, August 18, 2016.



Photograph 5: View of DG-20 looking west, September 23, 2016.



Photograph 6: View of DG-20 looking north, September 23, 2016.



Photograph 7: View of DG-20 looking west, October 20, 2016.



Photograph 8: View of DG-20 looking north, October 20, 2016.

DG-20-3
POND DG-20 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG20

Permanent Benchmark Elevation (feet): 1,115.45

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,110.10
8/18/2016	1,109.30
9/23/2016	1,110.02
10/20/2016	1,109.93

DG-20A
BATHYMETRIC MONITORING DATA

DG-20A-1
FIGURES

**Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations
for Pond DG20A**

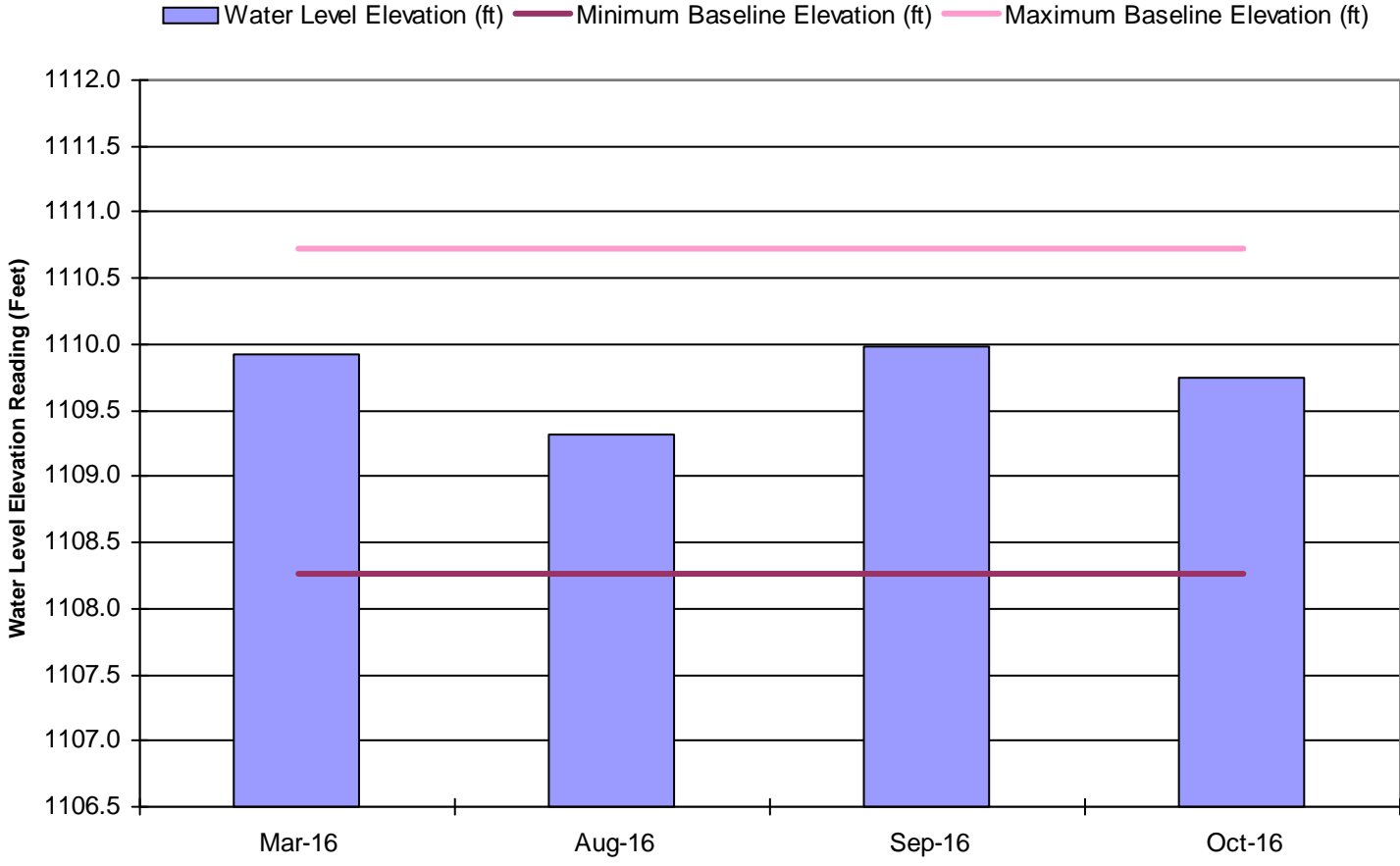
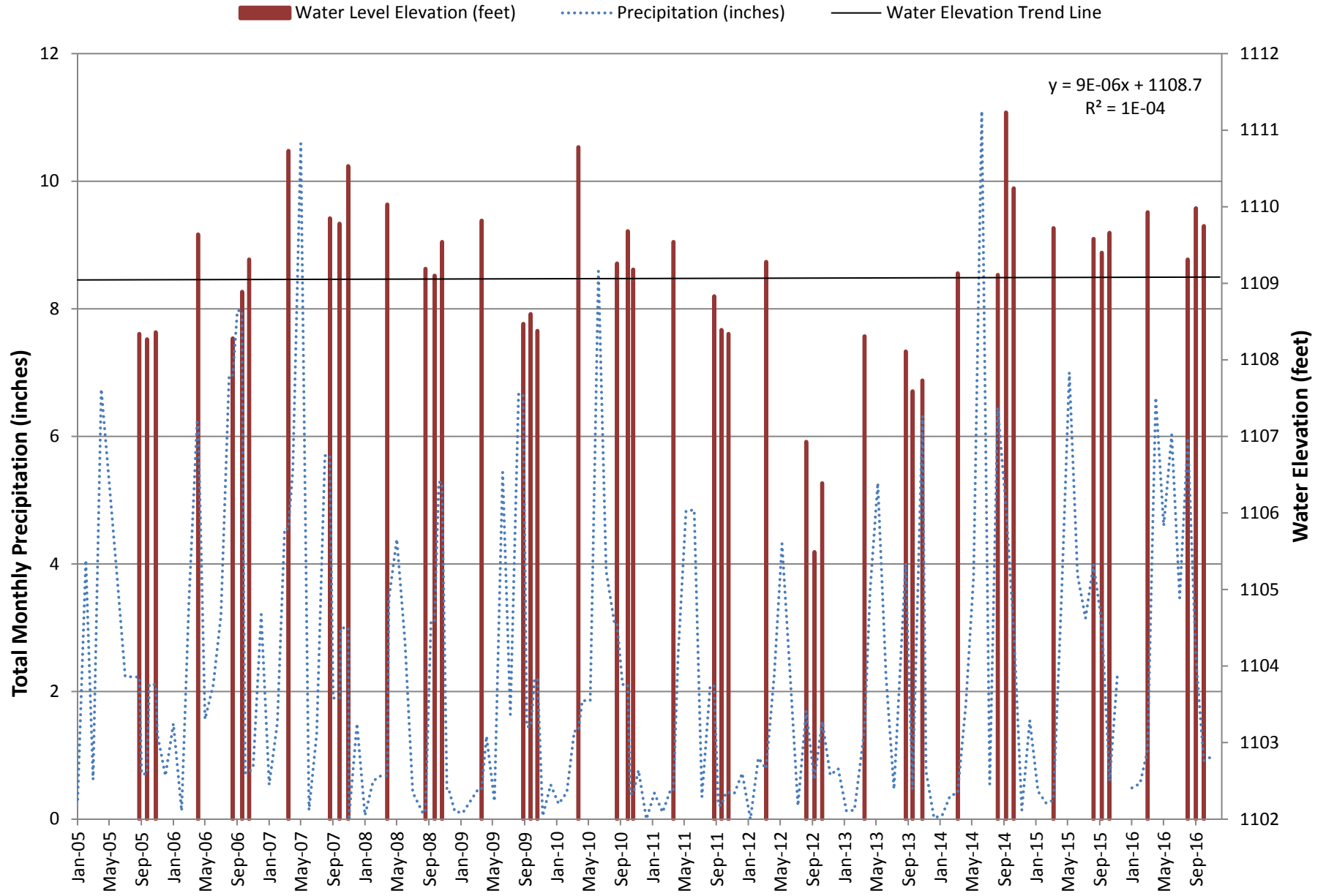


Figure 2 2005-2016 Water Elevations for DG-20A and Total Monthly Precipitation



DG-20A-2
POND DG-20A PHOTOGRAPHS



Photograph 1: View of DG-20A looking southeast, March 23, 2016.



Photograph 2: View of DG-20A looking northwest, March 23, 2016.



Photograph 3: View of DG-20A looking southeast, August 18, 2016.



Photograph 4: View of DG-20A looking northwest, August 18, 2016.



Photograph 5: View of DG-20A looking southeast, September 23, 2016.



Photograph 6: View of DG-20A looking northwest, September 23, 2016.



Photograph 7: View of DG-20A looking southeast, October 20, 2016.



Photograph 8: View of DG-20A looking northwest, October 20, 2016.

DG-20A-3
POND DG-20A WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG20A

Permanent Benchmark Elevation (feet): 1,118.82

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,109.93
8/18/2016	1,109.31
9/23/2016	1,109.98
10/20/2016	1,109.75

DG-20B
BATHYMETRIC MONITORING DATA

**DG-20B-1
FIGURES**

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG20B

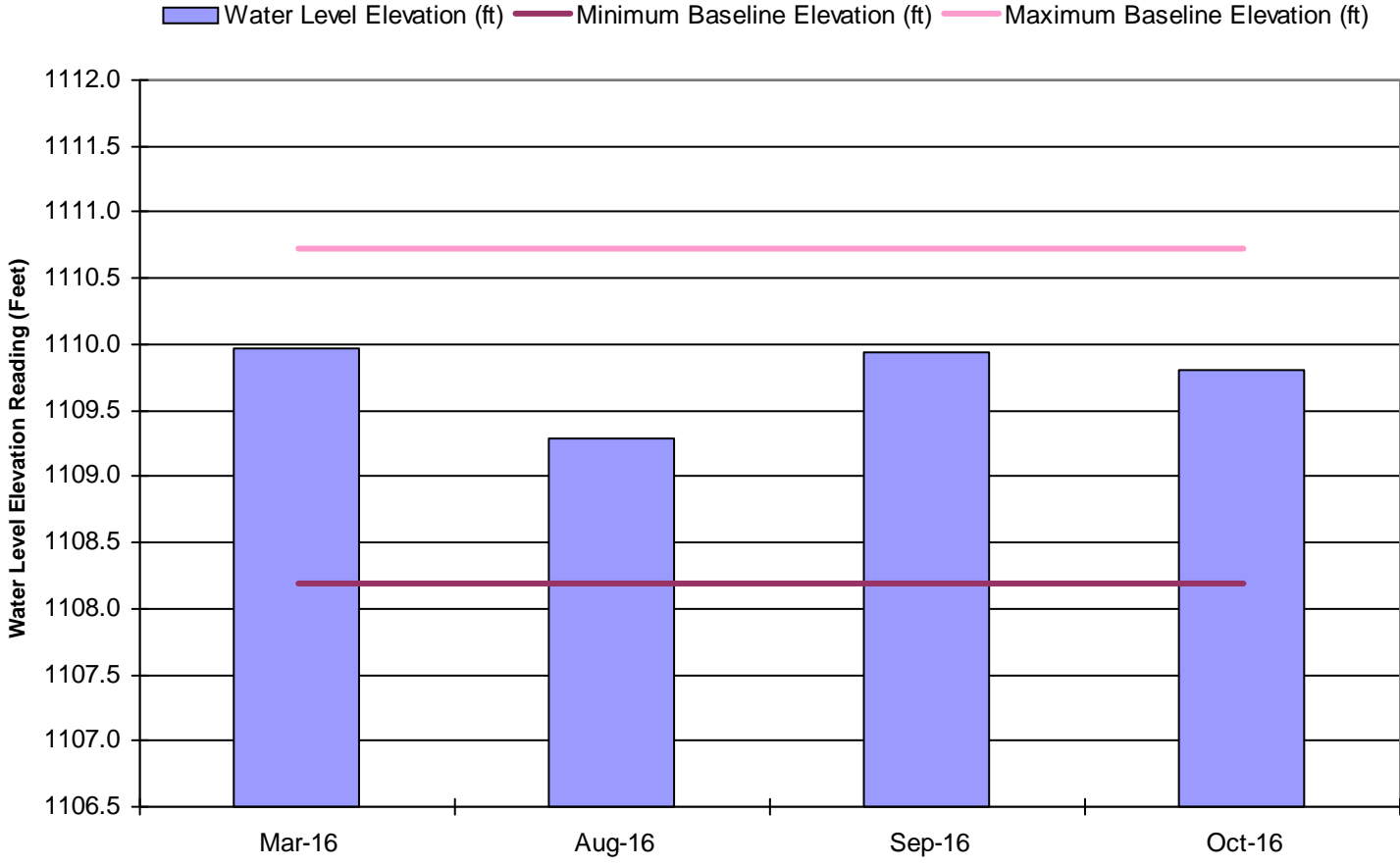
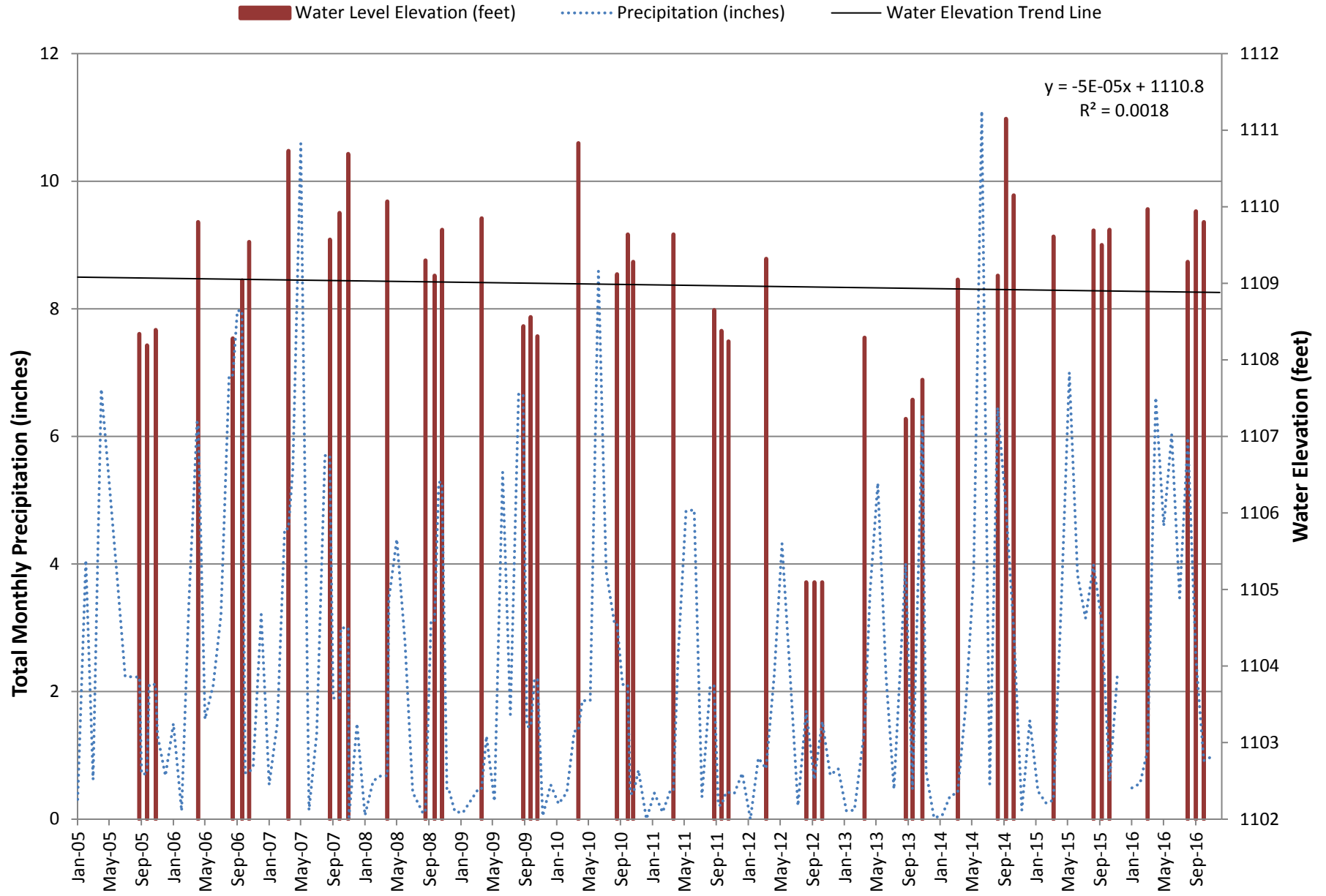


Figure 2 2005-2016 Water Elevations for DG-20B and Total Monthly Precipitation



DG-20B-2
POND DG-20B PHOTOGRAPHS



Photograph 1: View of DG-20B looking northwest, March 23, 2016.



Photograph 2: View of DG-20B looking northwest, August 18, 2016.



Photograph 3: View of DG-20B looking northwest, September 23, 2016.



Photograph 4: View of DG-20B looking northwest, October 20, 2016.

DG-20B-3
POND DG-20B WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG20B

Permanent Benchmark Elevation (feet): 1,118.82

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,109.97
8/18/2016	1,109.28
9/23/2016	1,109.94
10/20/2016	1,109.80

DG-20C
BATHYMETRIC MONITORING DATA

**DG-20C-1
FIGURES**

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG20C

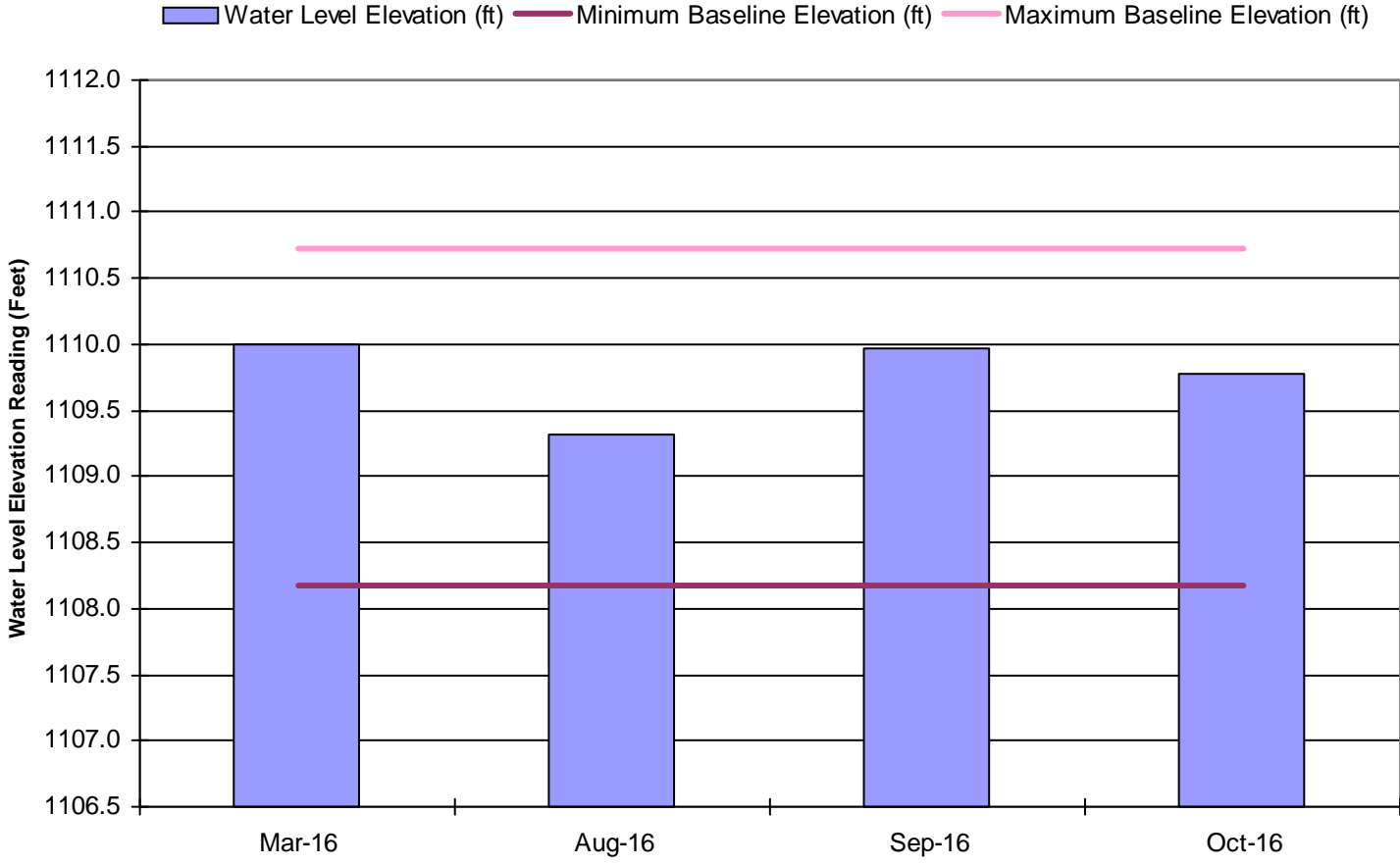
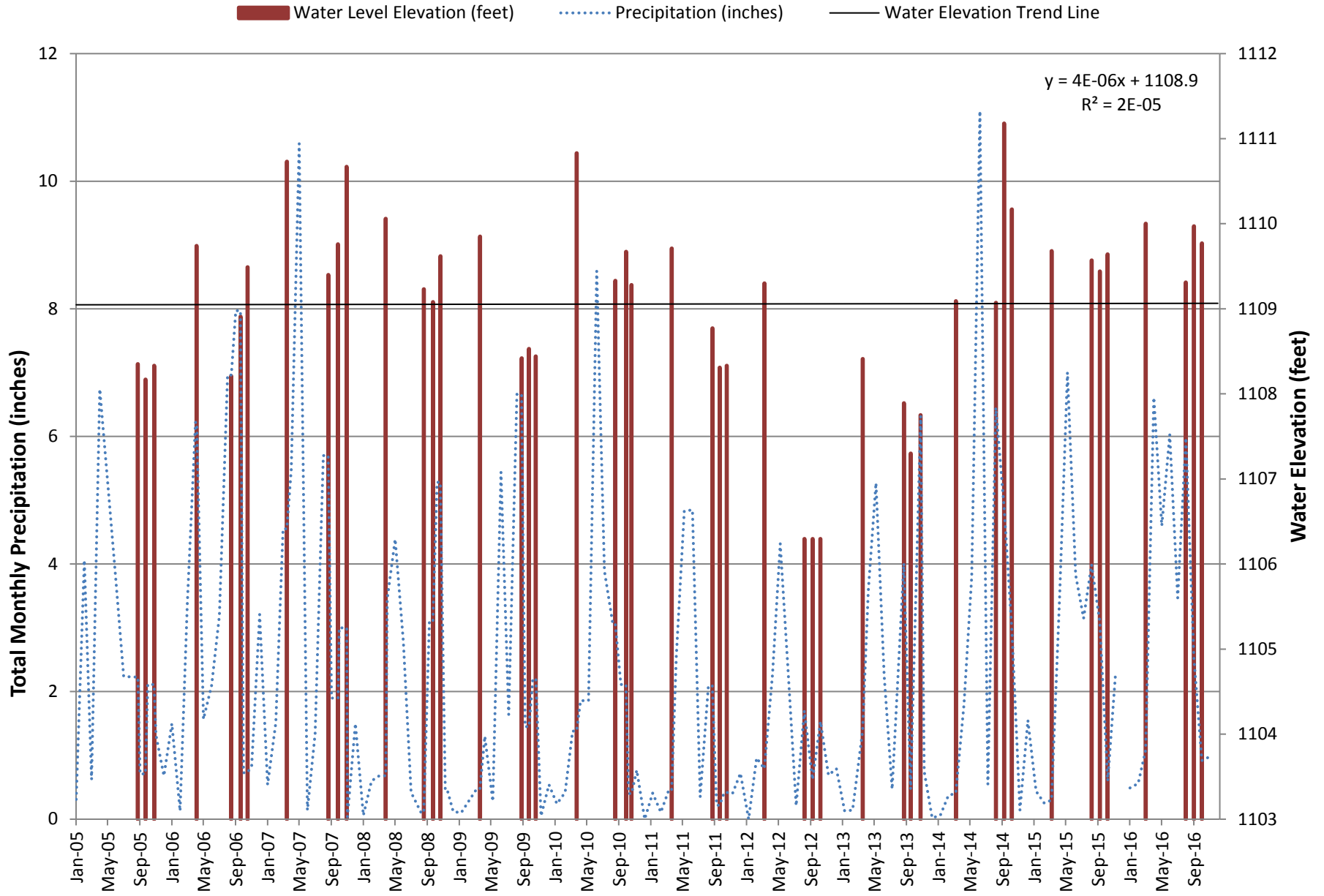


Figure 2 2005-2016 Water Elevations for DG-20C and Total Monthly Precipitation



DG-20C-2
POND DG-20C PHOTOGRAPHS



Photograph 1: View of DG-20C looking southeast, March 23, 2016.



Photograph 2: View of DG-20C looking southeast, August 18, 2016.



Photograph 3: View of DG-20C looking southeast, September 23, 2016.



Photograph 4: View of DG-20C looking southeast, October 20, 2016.

DG-20C-3
POND DG-20C WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG20C

Permanent Benchmark Elevation (feet): 1,118.82

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,110.00
8/18/2016	1,109.31
9/23/2016	1,109.97
10/20/2016	1,109.77

DG-20D
BATHYMETRIC MONITORING DATA

**DG-20D-1
FIGURES**

**Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations
for Pond DG20D**

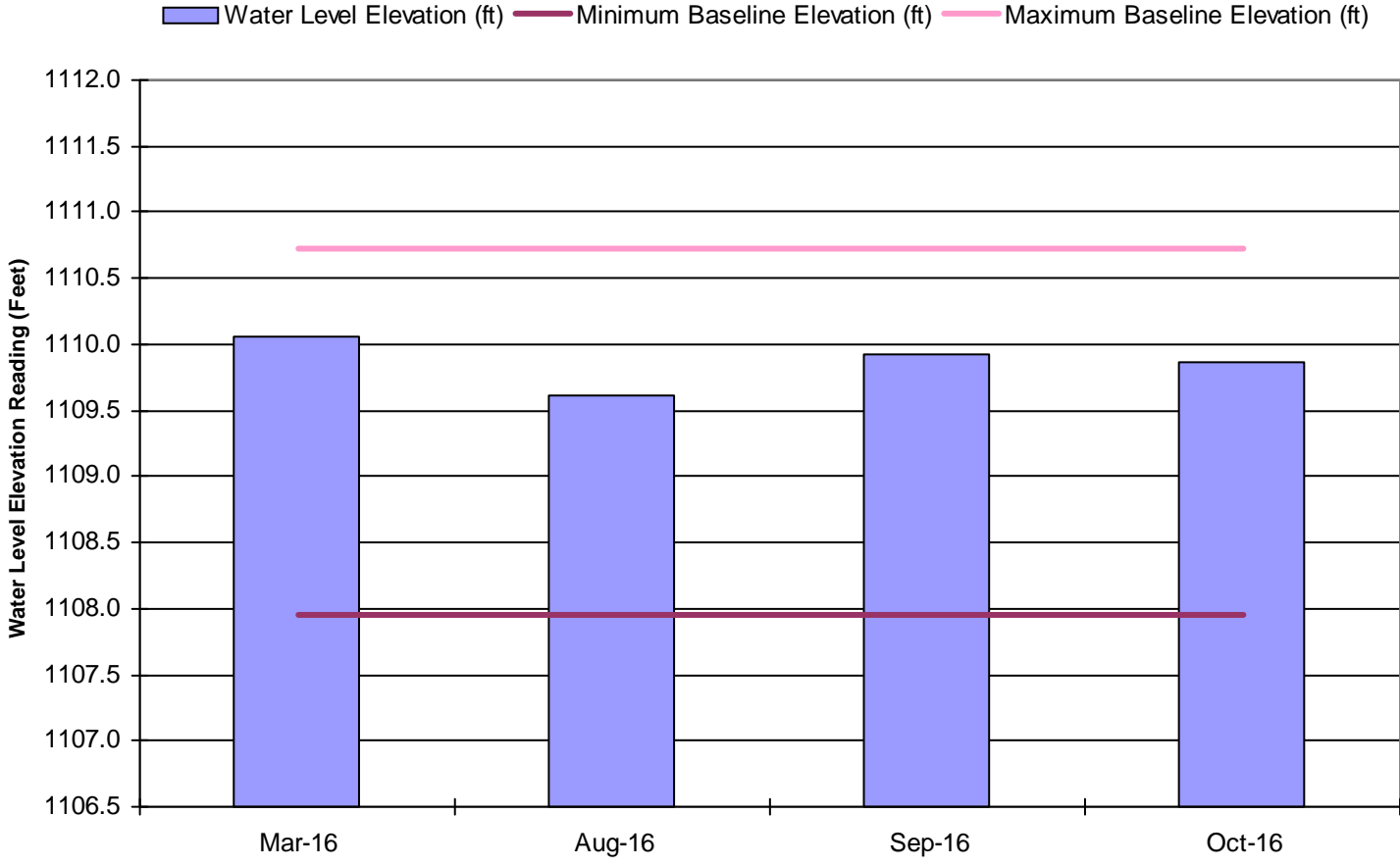
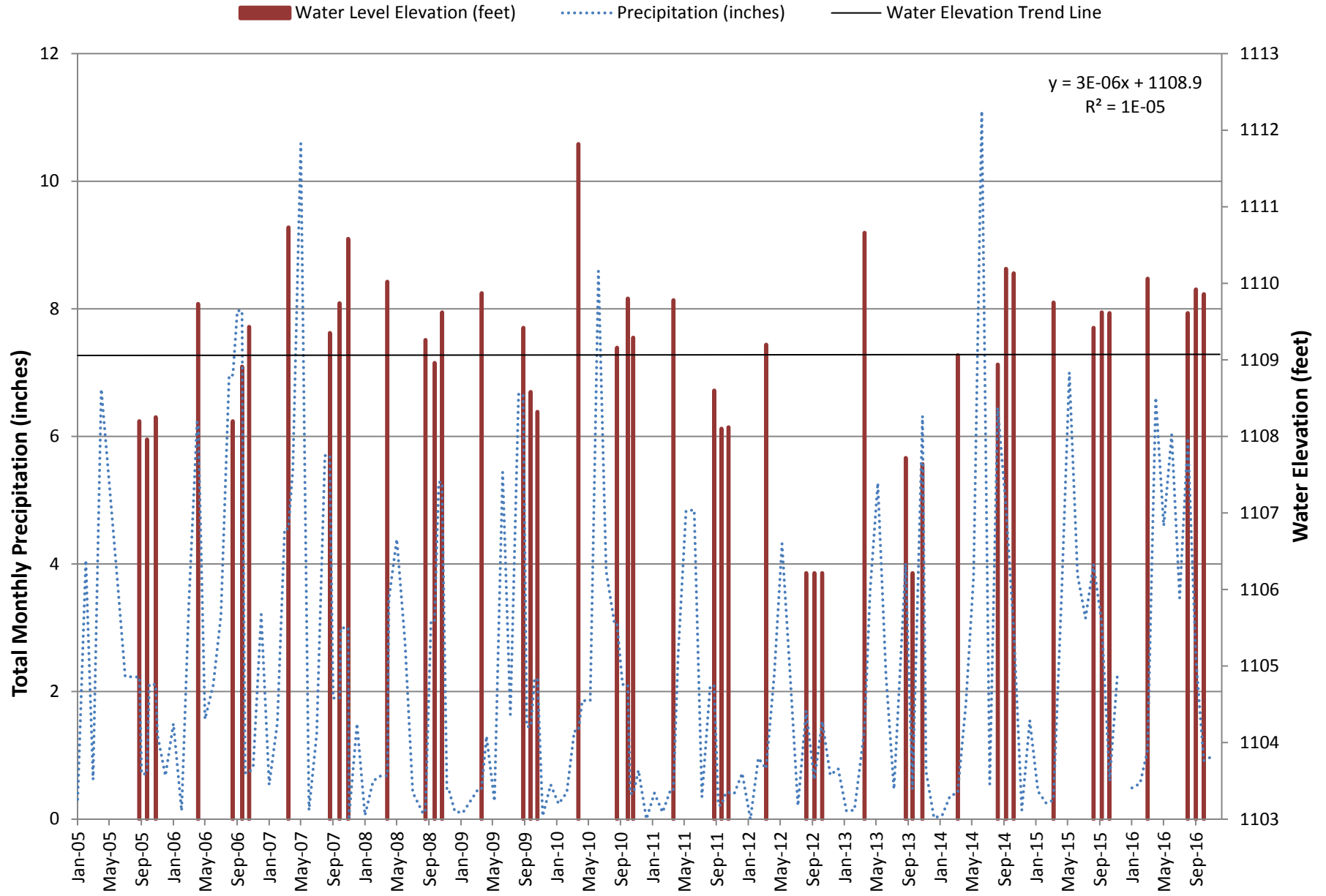


Figure 2 2005-2016 Water Elevations for DG-20D and Total Monthly Precipitation



DG-20D-2
POND DG-20D PHOTOGRAPHS



Photograph 1: View of DG-20D looking southeast, March 23, 2016.



Photograph 2: View of DG-20D looking southeast, August 18, 2016.



Photograph 3: View of DG-20D looking southeast, September 23, 2016.



Photograph 4: View of DG-20D looking southeast, October 20, 2016.

DG-20D-3
POND DG-20D WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG20D

Permanent Benchmark Elevation (feet): 1,118.82

Date

Water Level Elevation (feet)

3/23/2016

1,110.06

8/18/2016

1,109.61

9/23/2016

1,109.92

10/20/2016

1,109.86

DG-20E
BATHYMETRIC MONITORING DATA

**DG-20E-1
FIGURES**

**Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations
for Pond DG20E**

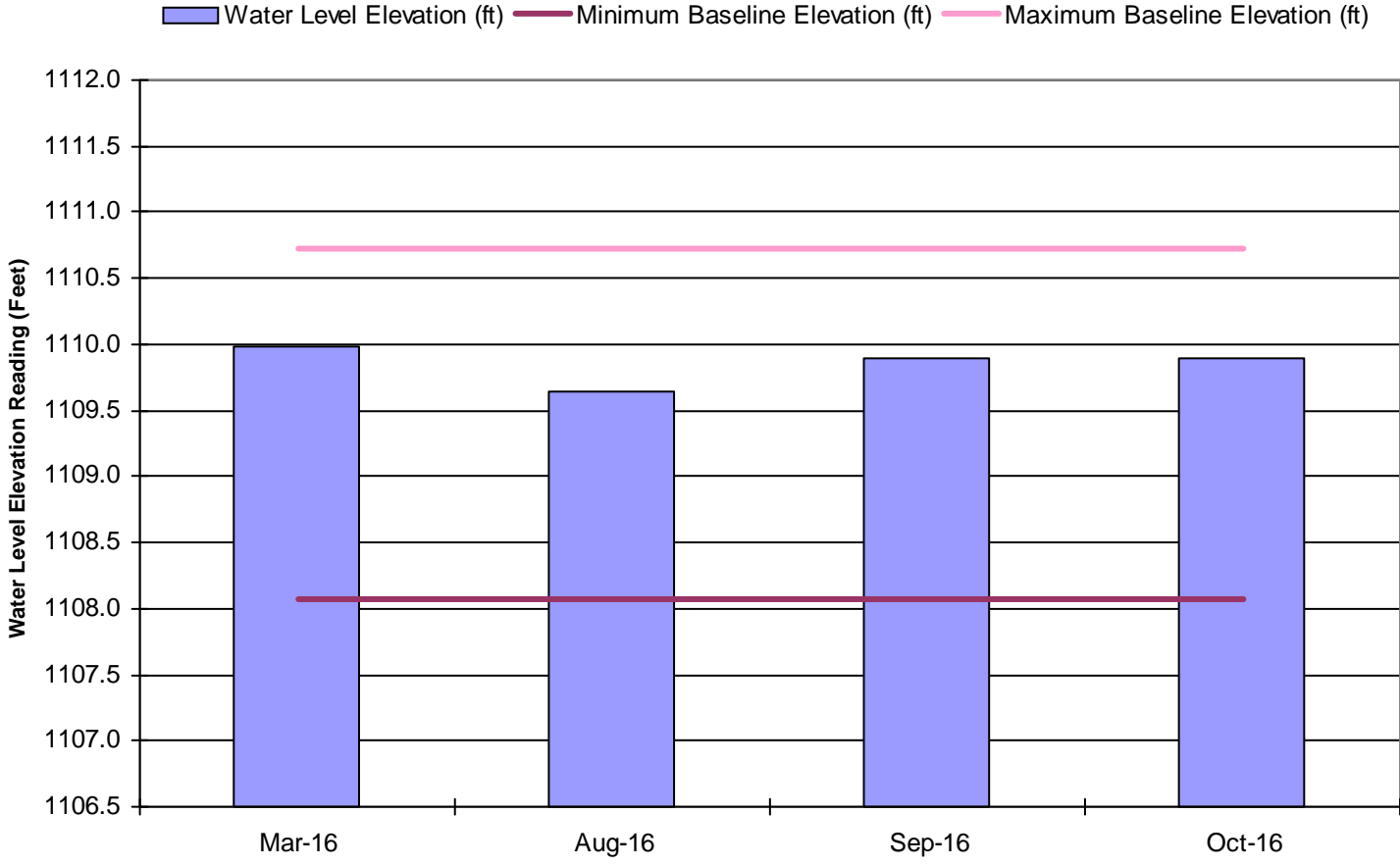
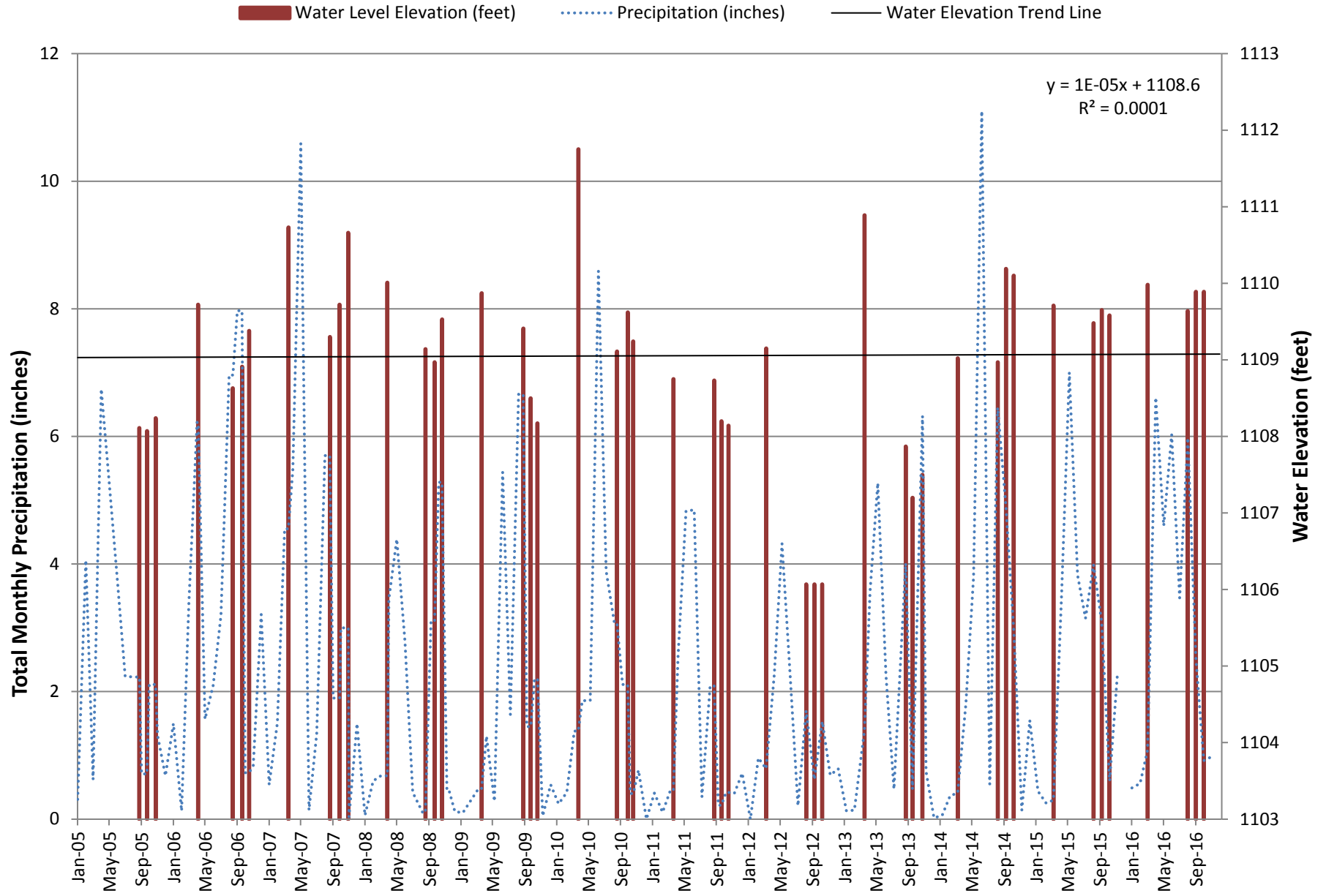


Figure 2 2005-2016 Water Elevations for DG-20E and Total Monthly Precipitation



DG-20E-2
POND DG-20E PHOTOGRAPHS



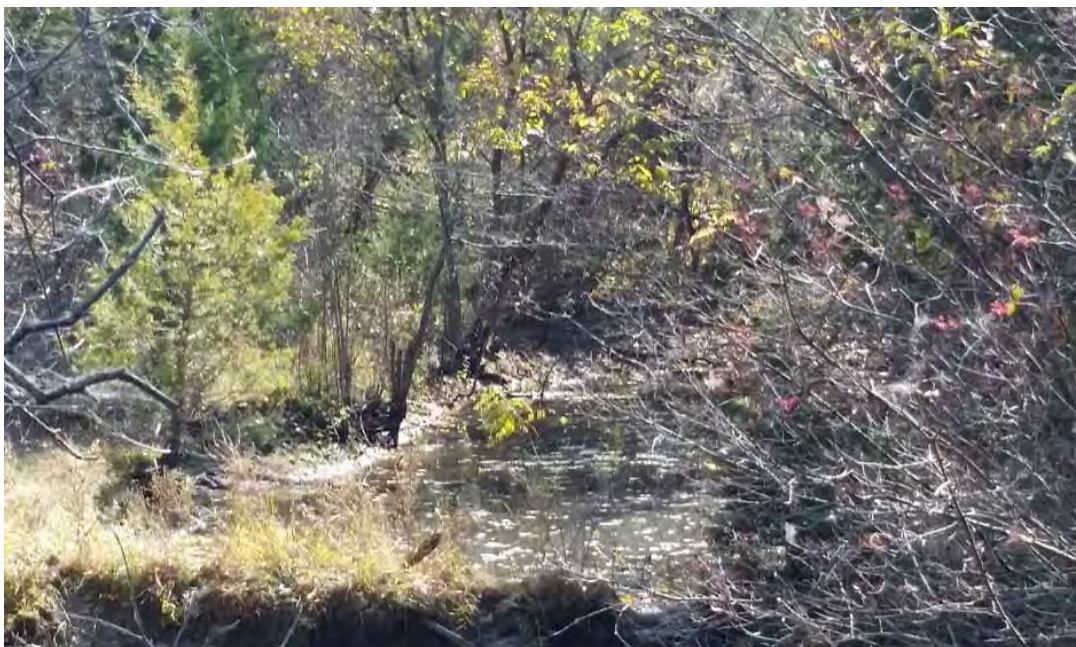
Photograph 1: View of DG-20E looking southeast, March 23, 2016.



Photograph 2: View of DG-20E looking southeast, August 18, 2016.



Photograph 3: View of DG-20E looking southeast, September 23, 2016.



Photograph 4: View of DG-20E looking southeast, October 20, 2016.

DG-20E-3
POND DG-20E WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG20E

Permanent Benchmark Elevation (feet): 1,118.82

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,109.98
8/18/2016	1,109.64
9/23/2016	1,109.89
10/20/2016	1,109.89

DG-20F
BATHYMETRIC MONITORING DATA

DG-20F-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG20F

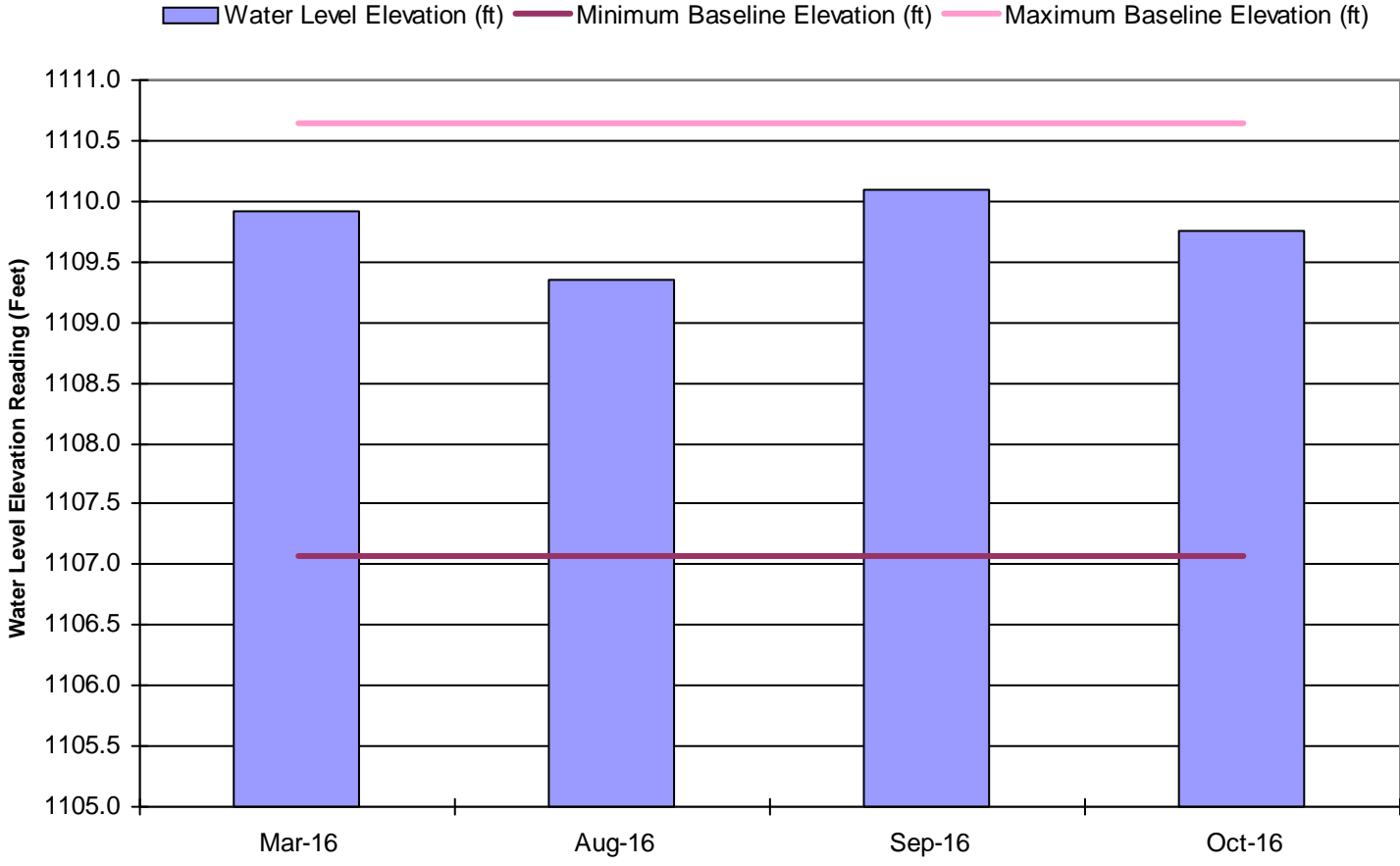
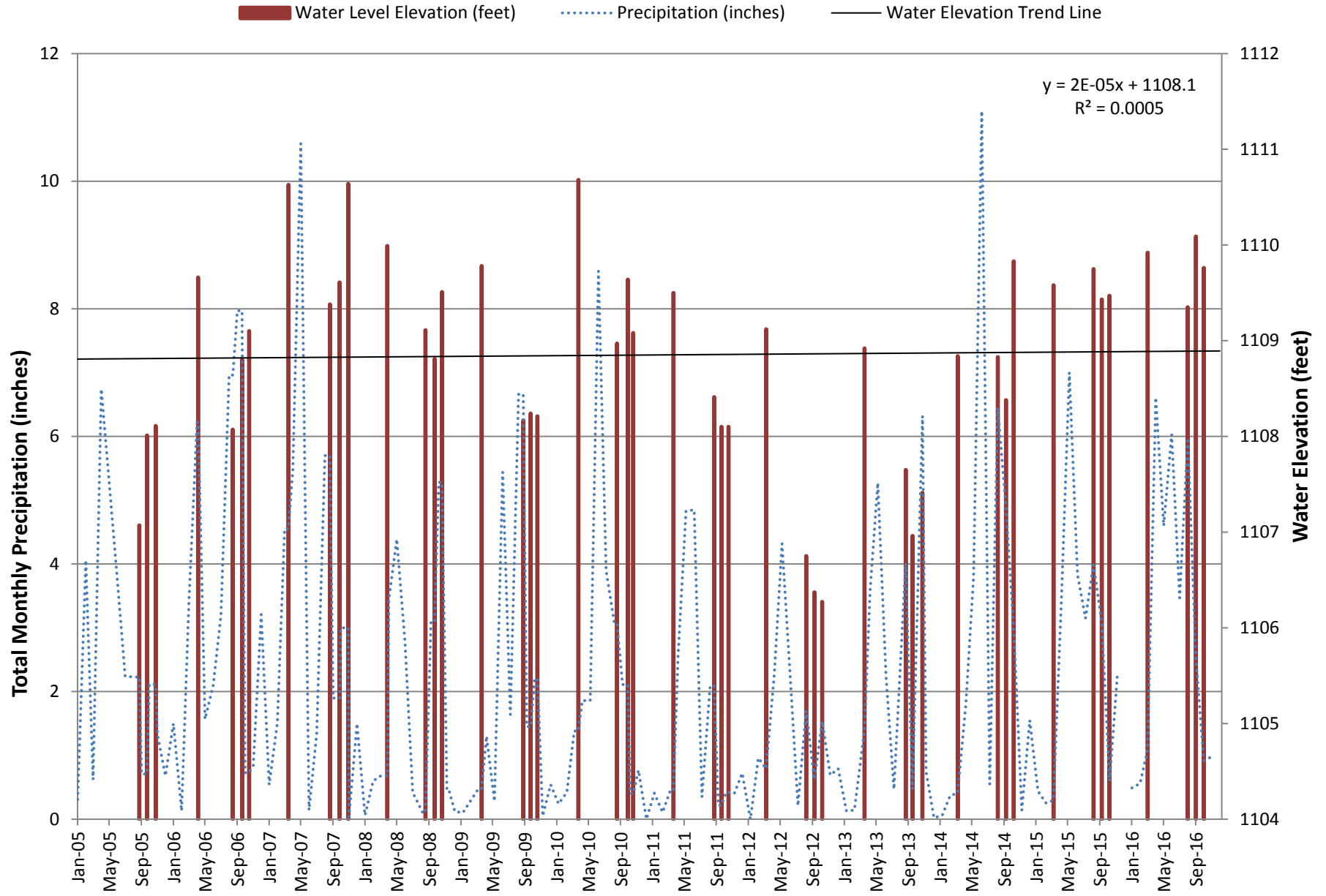


Figure 2 2005-2016 Water Elevations for DG-20F and Total Monthly Precipitation



DG-20F-2
POND DG-20F PHOTOGRAPHS



Photograph 1: View of DG-20F looking north, March 23, 2016.



Photograph 2: View of DG-20F looking north, August 18, 2016.



Photograph 3: View of DG-20F looking north, September 23, 2016.



Photograph 4: View of DG-20F looking north, October 20, 2016.

DG-20F-3
POND DG-20F WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG20F

Permanent Benchmark Elevation (feet): 1,118.82

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,109.92
8/18/2016	1,109.35
9/23/2016	1,110.09
10/20/2016	1,109.76

DG-20G
BATHYMETRIC MONITORING DATA

**DG-20G-1
FIGURES**

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG20G

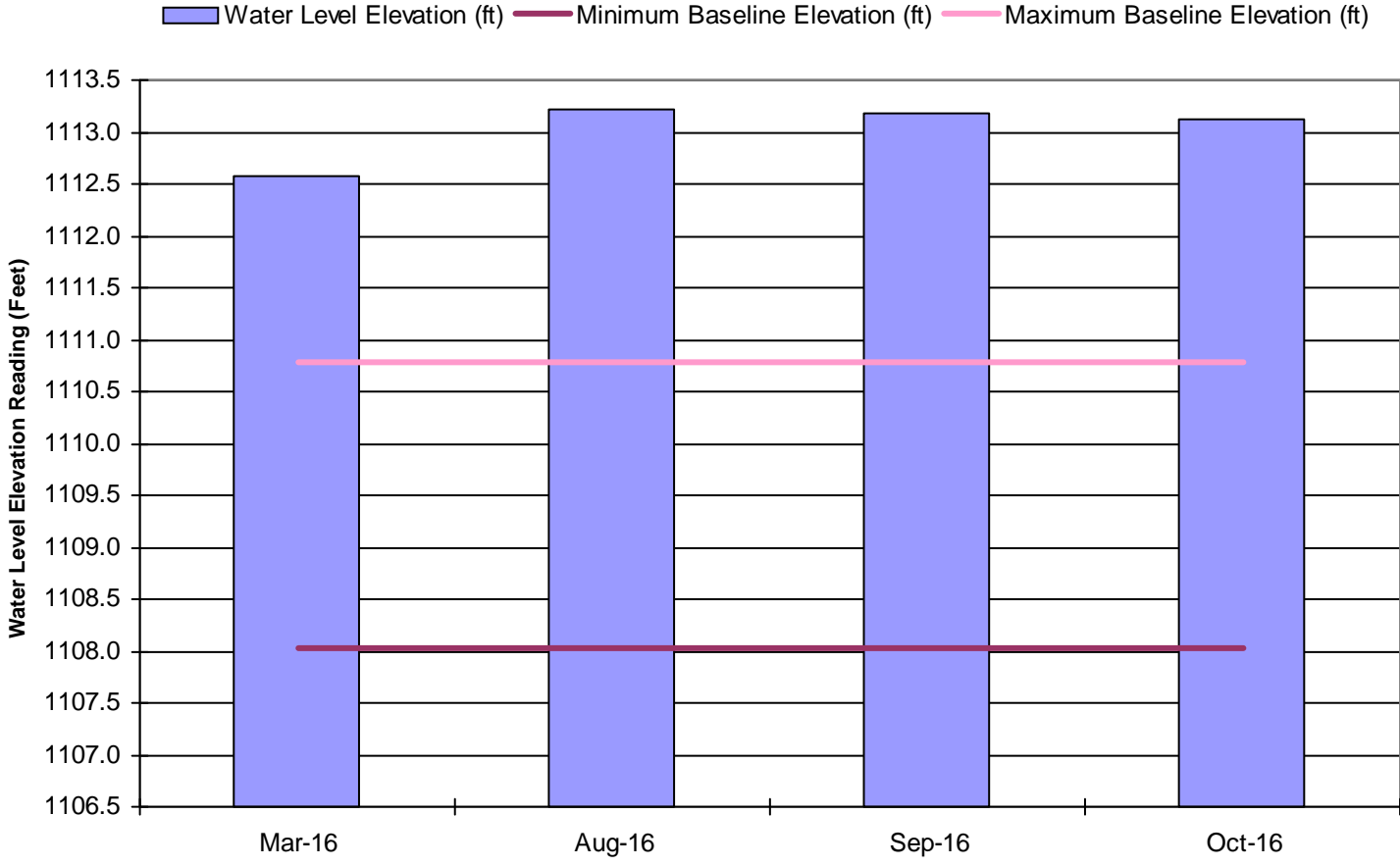
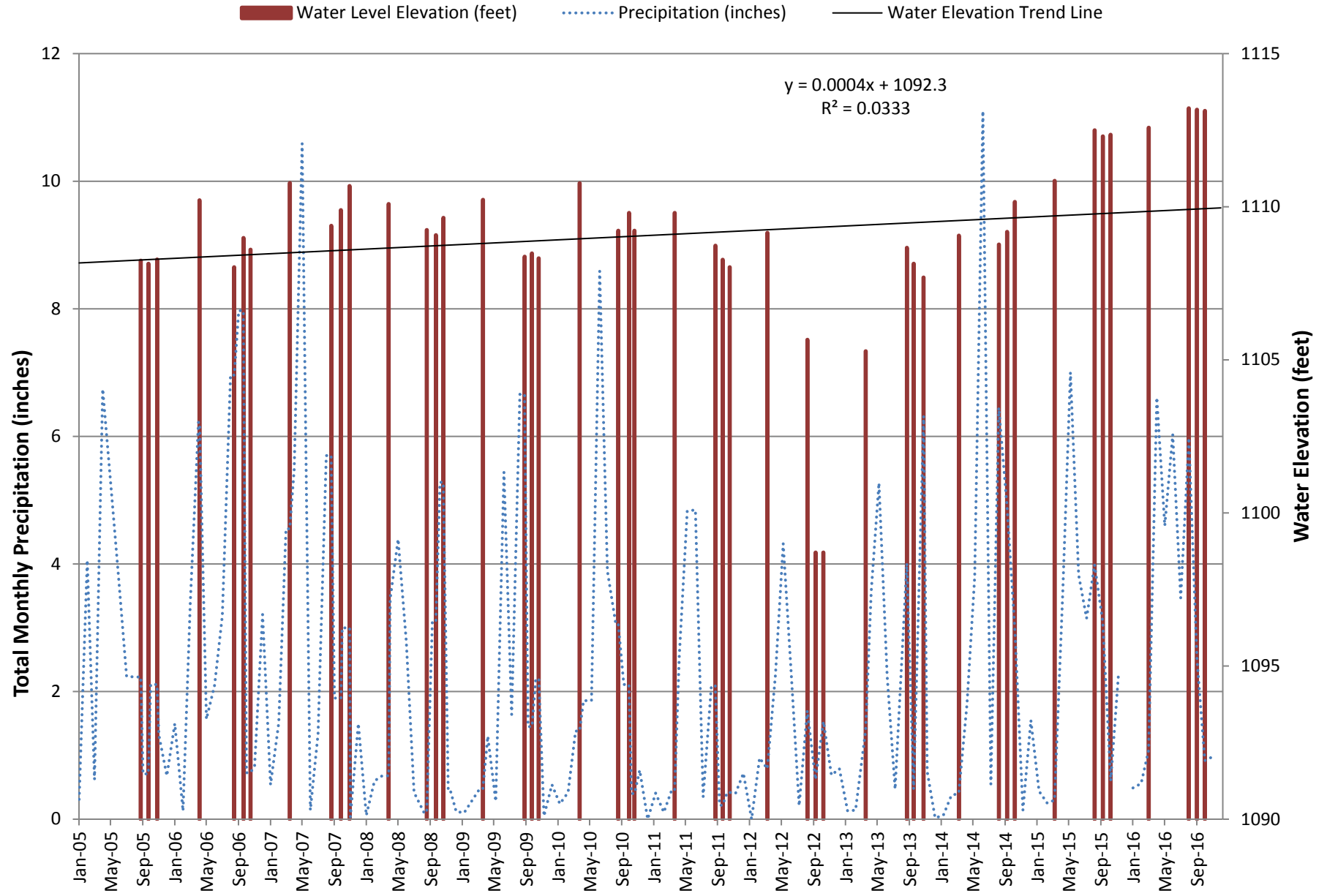


Figure 2 2005-2016 Water Elevations for DG-20G and Total Monthly Precipitation



DG-20G-2
POND DG-20G PHOTOGRAPHS



Photograph 1: View of DG-20G looking west, March 23, 2016.



Photograph 2: View of DG-20G looking west, August 18, 2016.



Photograph 3: View of DG-20G looking west, September 23, 2016.



Photograph 4: View of DG-20G looking west, October 20, 2016.

DG-20G-3
POND DG-20G WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG20G

Permanent Benchmark Elevation (feet): 1,115.45

Date

Water Level Elevation (feet)

3/23/2016

1,112.58

8/18/2016

1,113.22

9/23/2016

1,113.17

10/20/2016

1,113.13

DG-21
BATHYMETRIC MONITORING DATA

DG-21-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG21

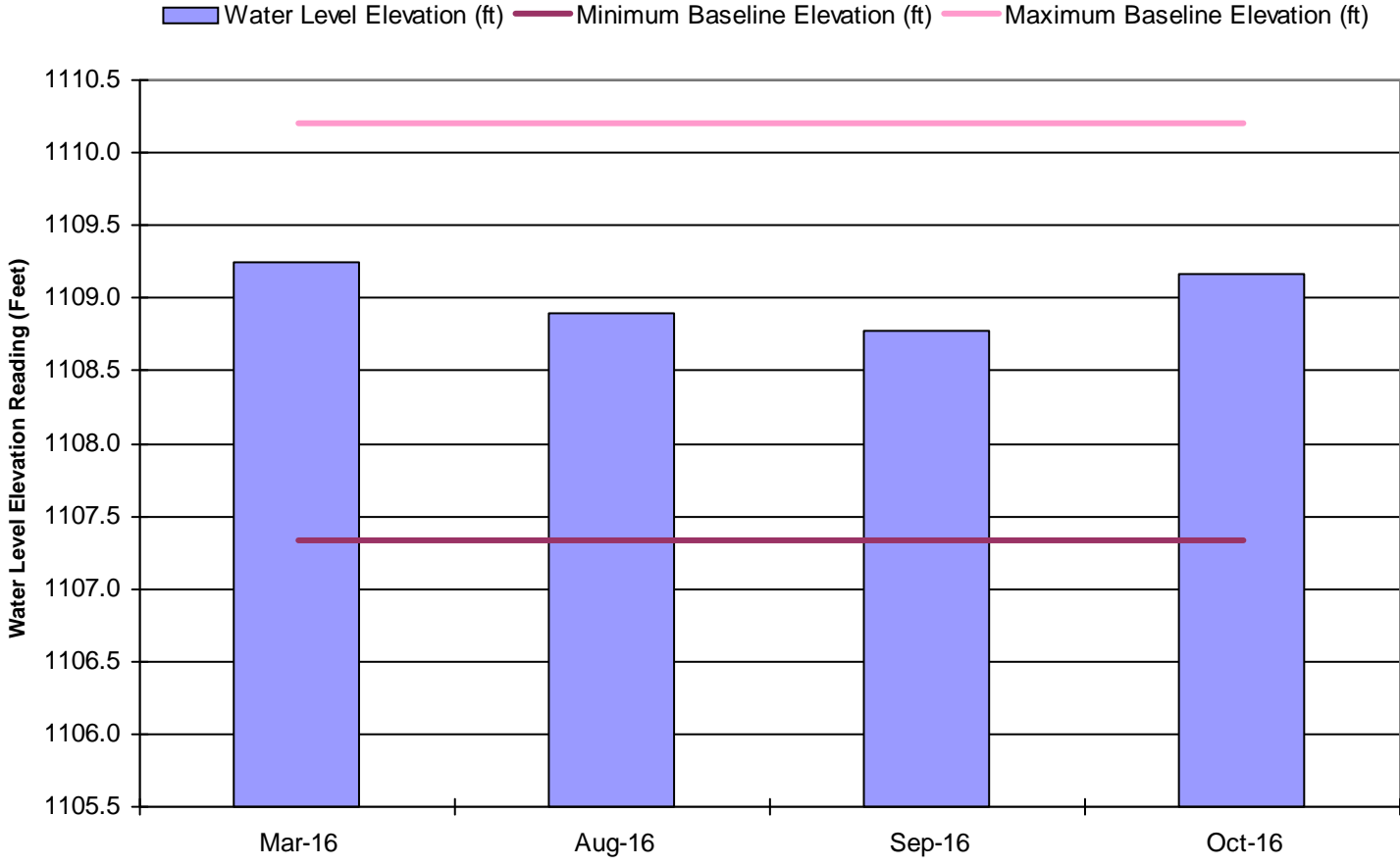
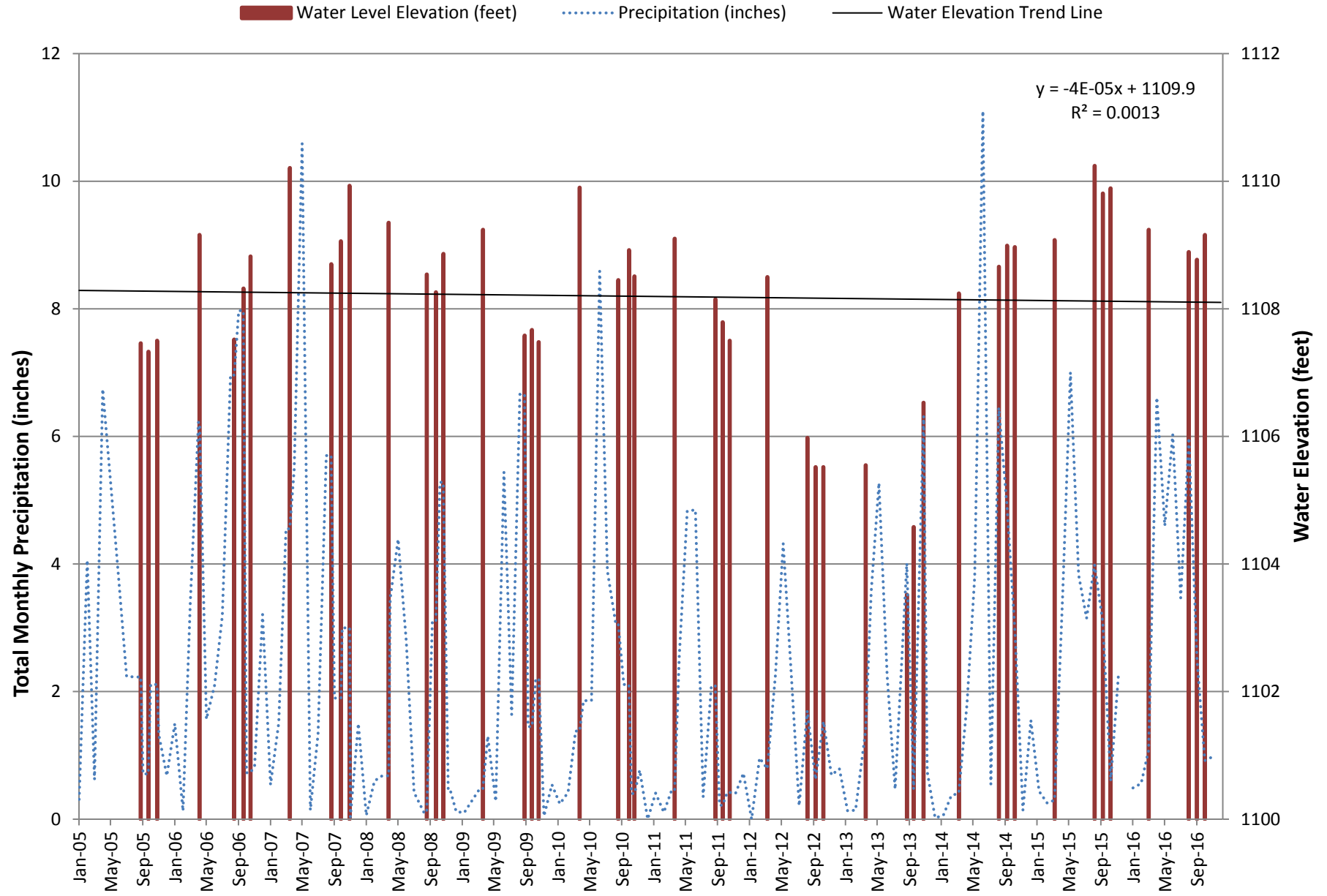


Figure 2 2005-2016 Water Elevations for DG-21 and Total Monthly Precipitation



DG-21-2
POND DG-21 PHOTOGRAPHS



Photograph 1: View of DG-21 looking southeast, March 23, 2016.



Photograph 2: View of DG-21 looking southeast, August 18, 2016.



Photograph 3: View of DG-21 looking southeast, September 27, 2016.



Photograph 4: View of DG-21 looking southeast, October 20, 2016.

DG-21-3
POND DG-21 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG21

Permanent Benchmark Elevation (feet): 1,114.92

Date

Water Level Elevation (feet)

3/23/2016

1,109.24

8/18/2016

1,108.89

9/23/2016

1,108.77

10/20/2016

1,109.16

DG-22
BATHYMETRIC MONITORING DATA

DG-22-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG22

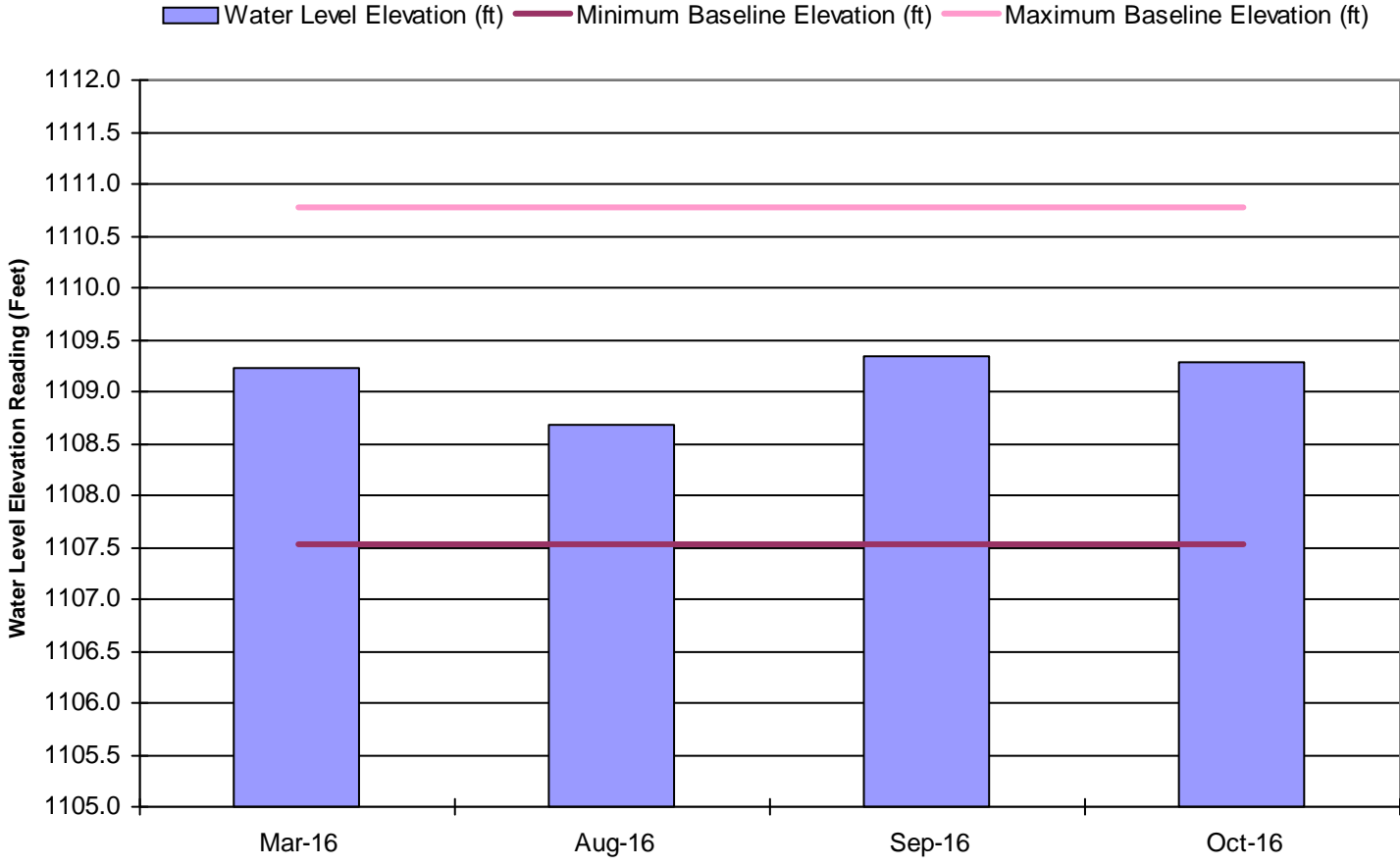
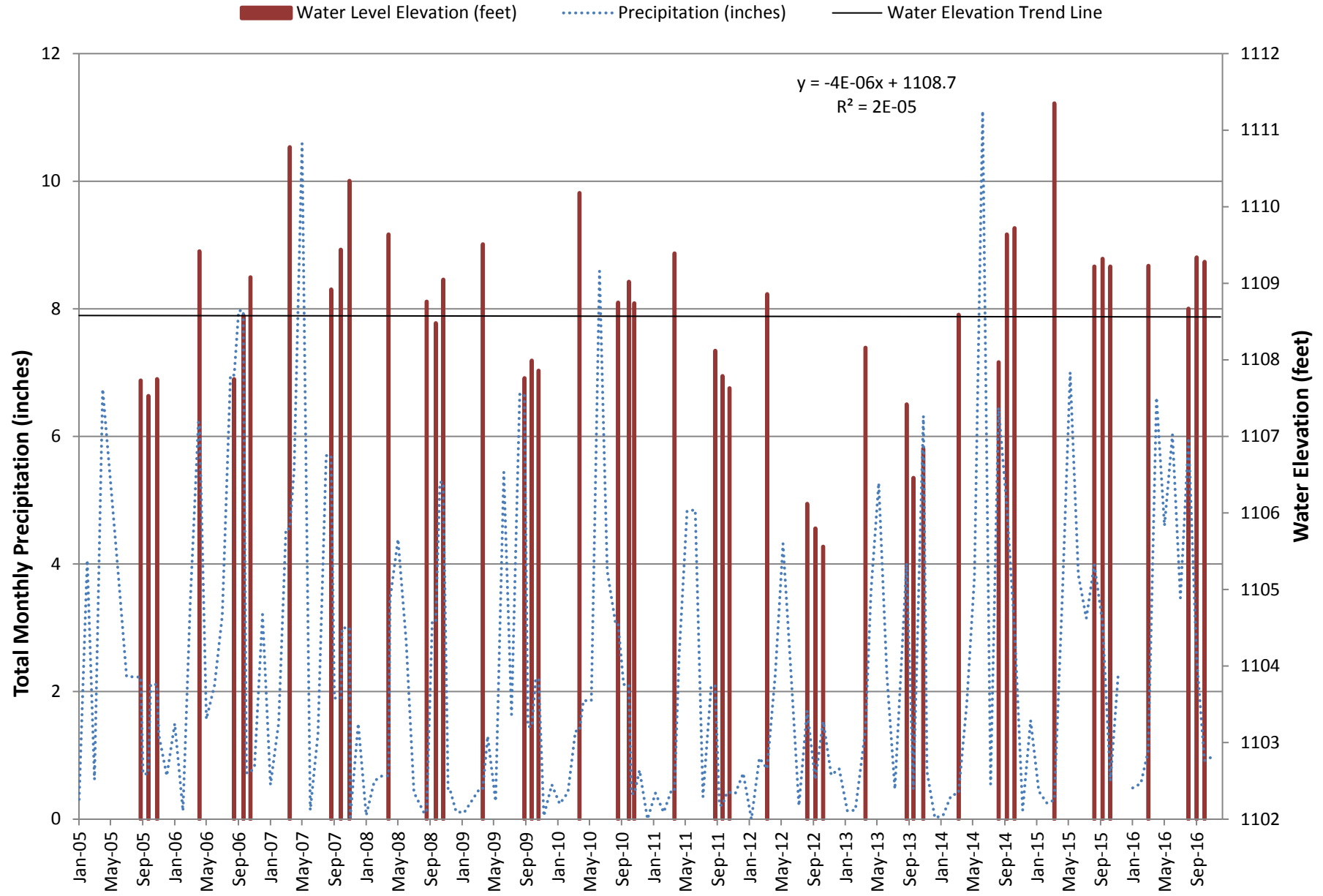


Figure 2 2005-2016 Water Elevations for DG-22 and Total Monthly Precipitation



DG-22-2
POND DG-22 PHOTOGRAPHS



Photograph 1: View of DG-22 looking north, March 23, 2016.



Photograph 2: View of DG-22 looking north, August 18, 2016.



Photograph 3: View of DG-22 looking north, September 23, 2016.



Photograph 4: View of DG-22 looking north, October 20, 2016.

DG-22-3
POND DG-22 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG22

Permanent Benchmark Elevation (feet): 1,114.92

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,109.23
8/18/2016	1,108.67
9/23/2016	1,109.34
10/20/2016	1,109.28

**POND DG-23
BATHYMETRIC MONITORING DATA**

DG-23-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG23

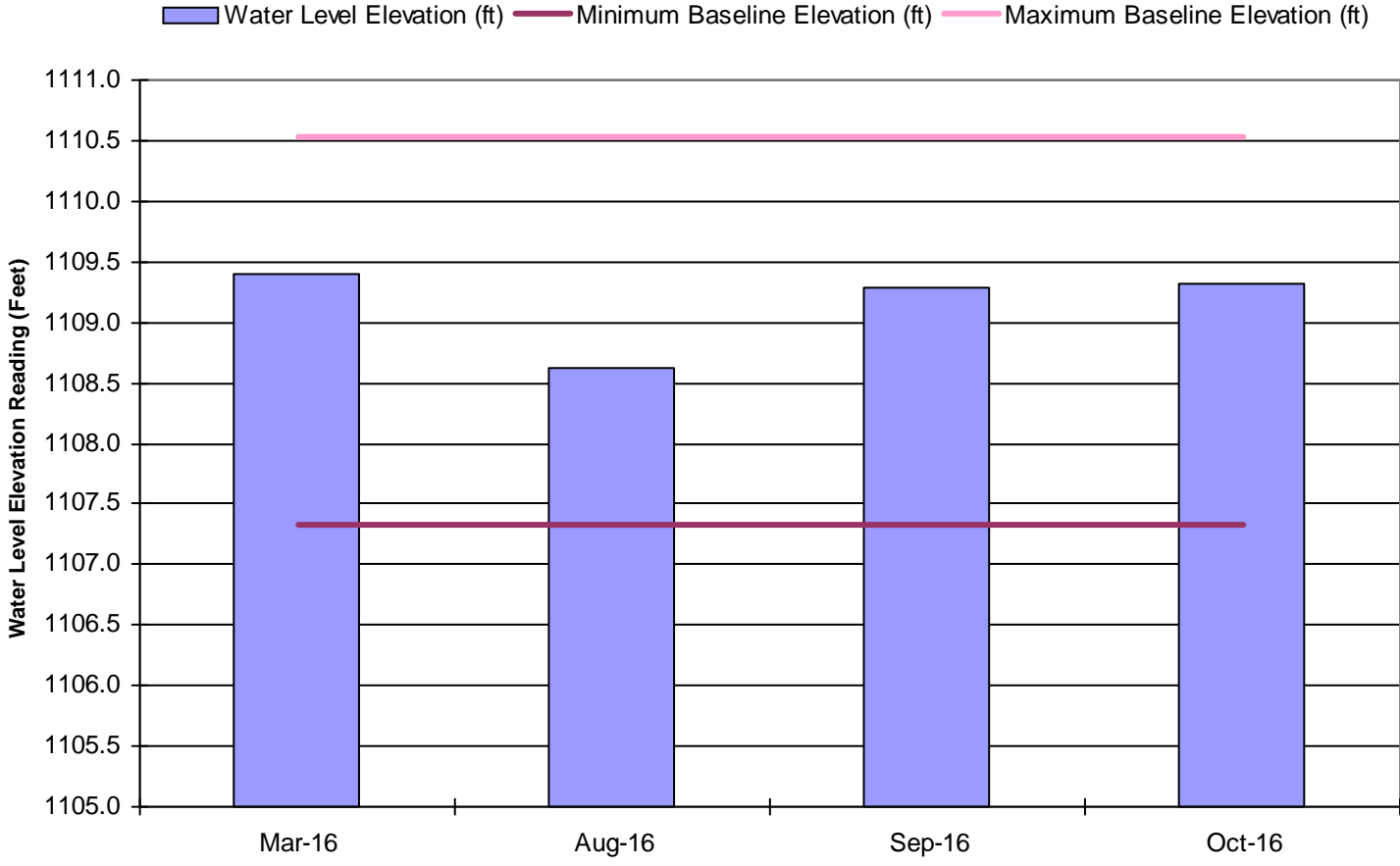
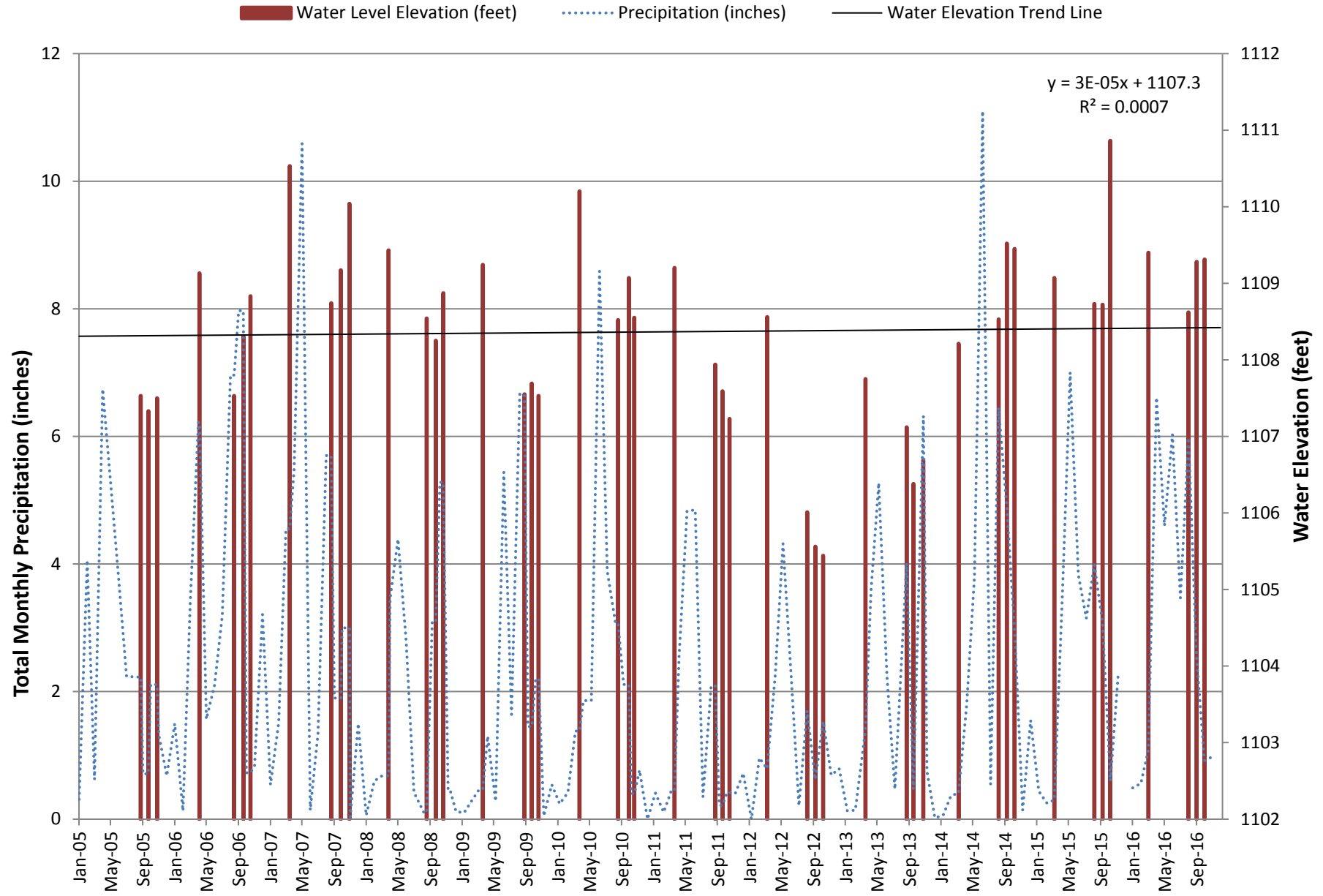


Figure 2 2005-2016 Water Elevations for DG-23 and Total Monthly Precipitation



DG-23-2
POND DG-23 PHOTOGRAPHS



Photograph 1: View of DG-23 looking east, March 23, 2016.



Photograph 2: View of DG-23 looking south, March 23, 2016.



Photograph 3: View of DG-23 looking east, August 18, 2016.



Photograph 4: View of DG-23 looking south, August 18, 2016.



Photograph 5: View of DG-23 looking east, September 23, 2016.



Photograph 6: View of DG-23 looking south, September 23, 2016.



Photograph 7: View of DG-23 looking east, October 20, 2016.



Photograph 8: View of DG-23 looking south, October 20, 2016.

DG-23-3
POND DG-23 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG23

Permanent Benchmark Elevation (feet): 1,114.92

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,109.40
8/18/2016	1,108.62
9/23/2016	1,109.28
10/20/2016	1,109.31

DG-23A
BATHYMETRIC MONITORING DATA

DG-23A-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG23A

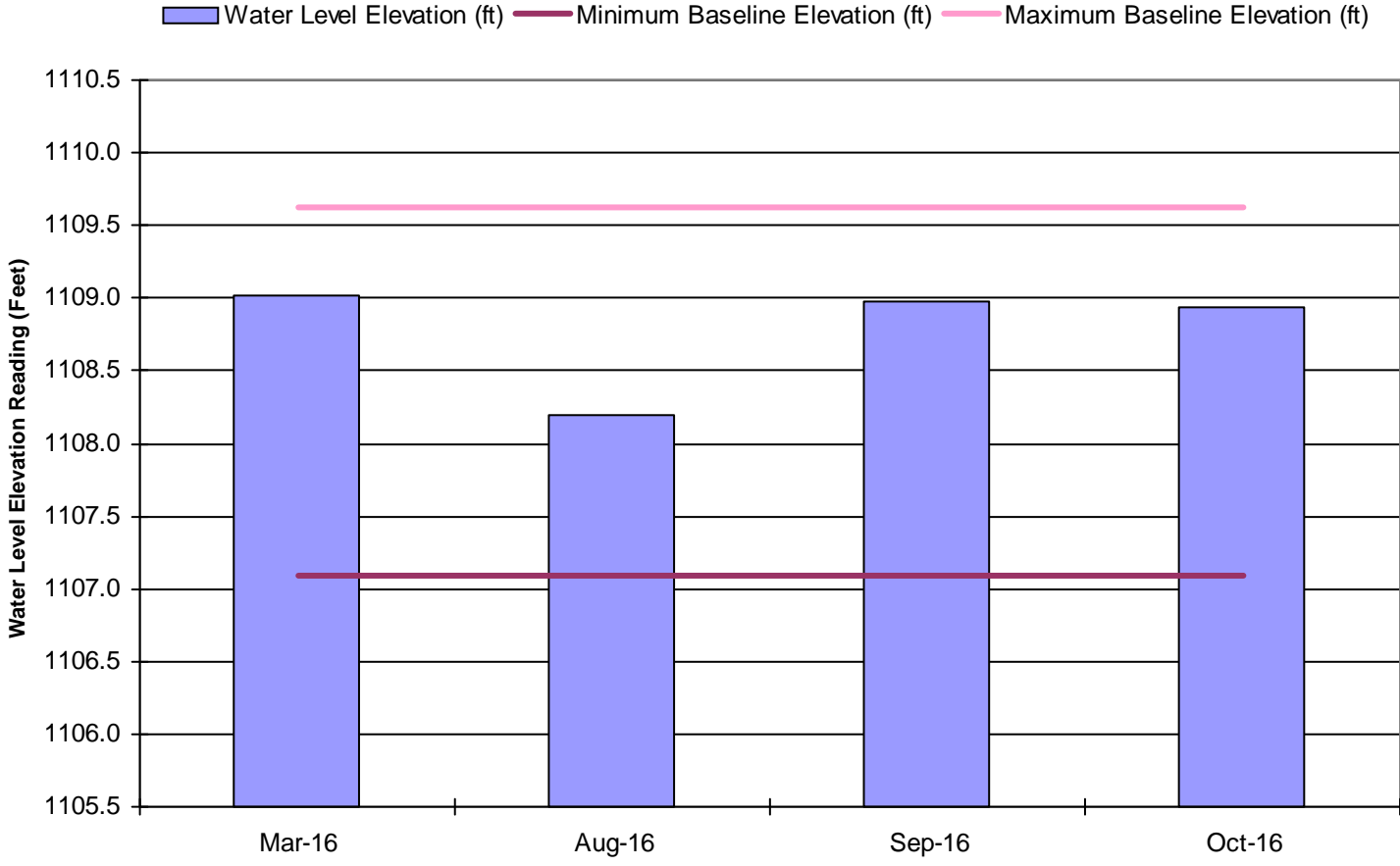
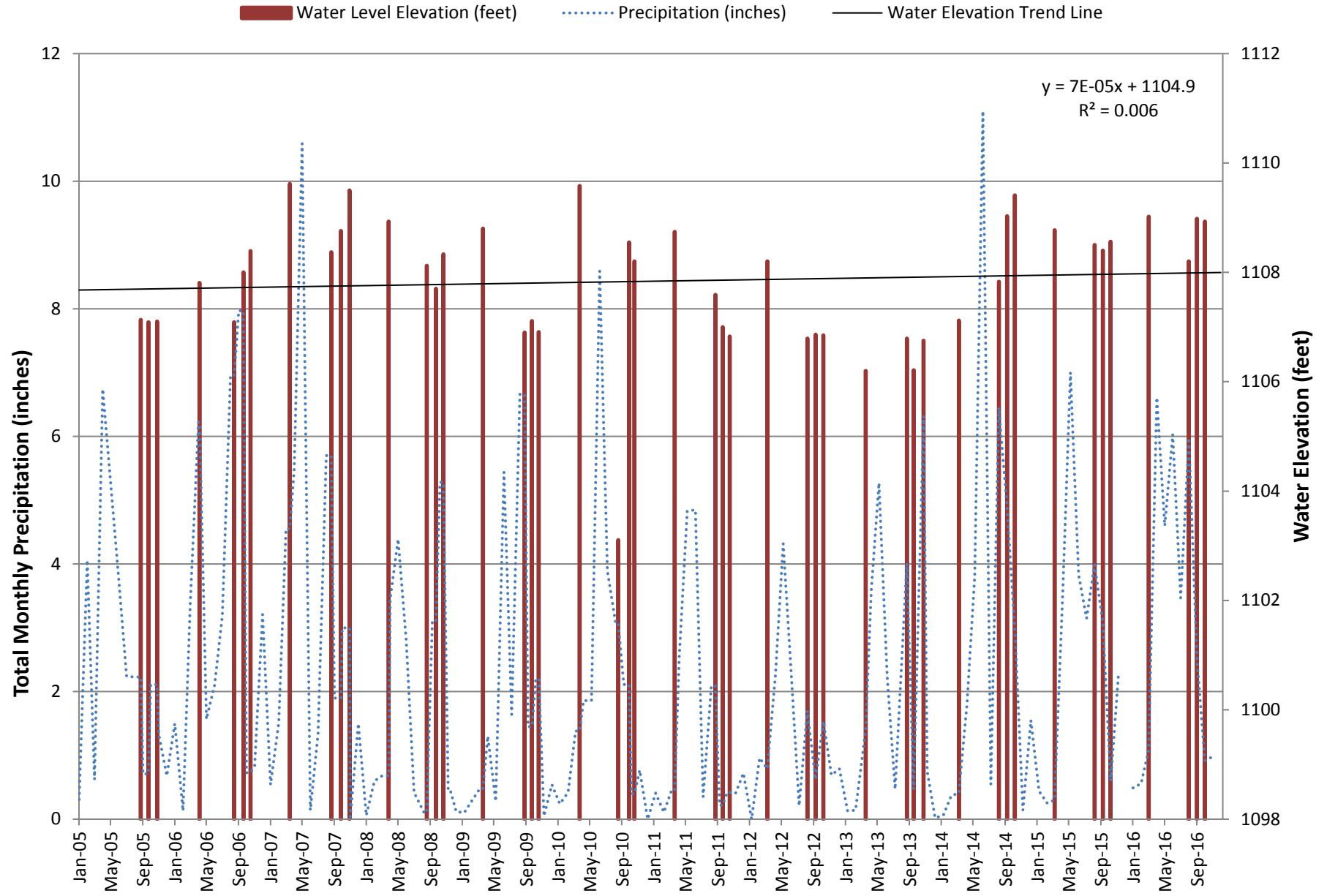


Figure 2 2005-2016 Water Elevations for DG-23A and Total Monthly Precipitation



DG-23A-2
POND DG-23A PHOTOGRAPHS



Photograph 1: View of DG-23A looking northeast, March 23, 2016.



Photograph 2: View of DG-23A looking east, March 23, 2016.



Photograph 3: View of DG-23A looking northeast, August 18, 2016.



Photograph 4: View of DG-23A looking east, August 18, 2016.



Photograph 5: View of DG-23A looking northeast, September 23, 2016.



Photograph 6: View of DG-23A looking east, September 23, 2016.



Photograph 7: View of DG-23A looking northeast, October 20, 2016.



Photograph 8: View of DG-23A looking east, October 20, 2016.

DG-23A-3
POND DG-23A WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG23A

Permanent Benchmark Elevation (feet): 1,113.60

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,109.02
8/18/2016	1,108.20
9/23/2016	1,108.98
10/20/2016	1,108.93

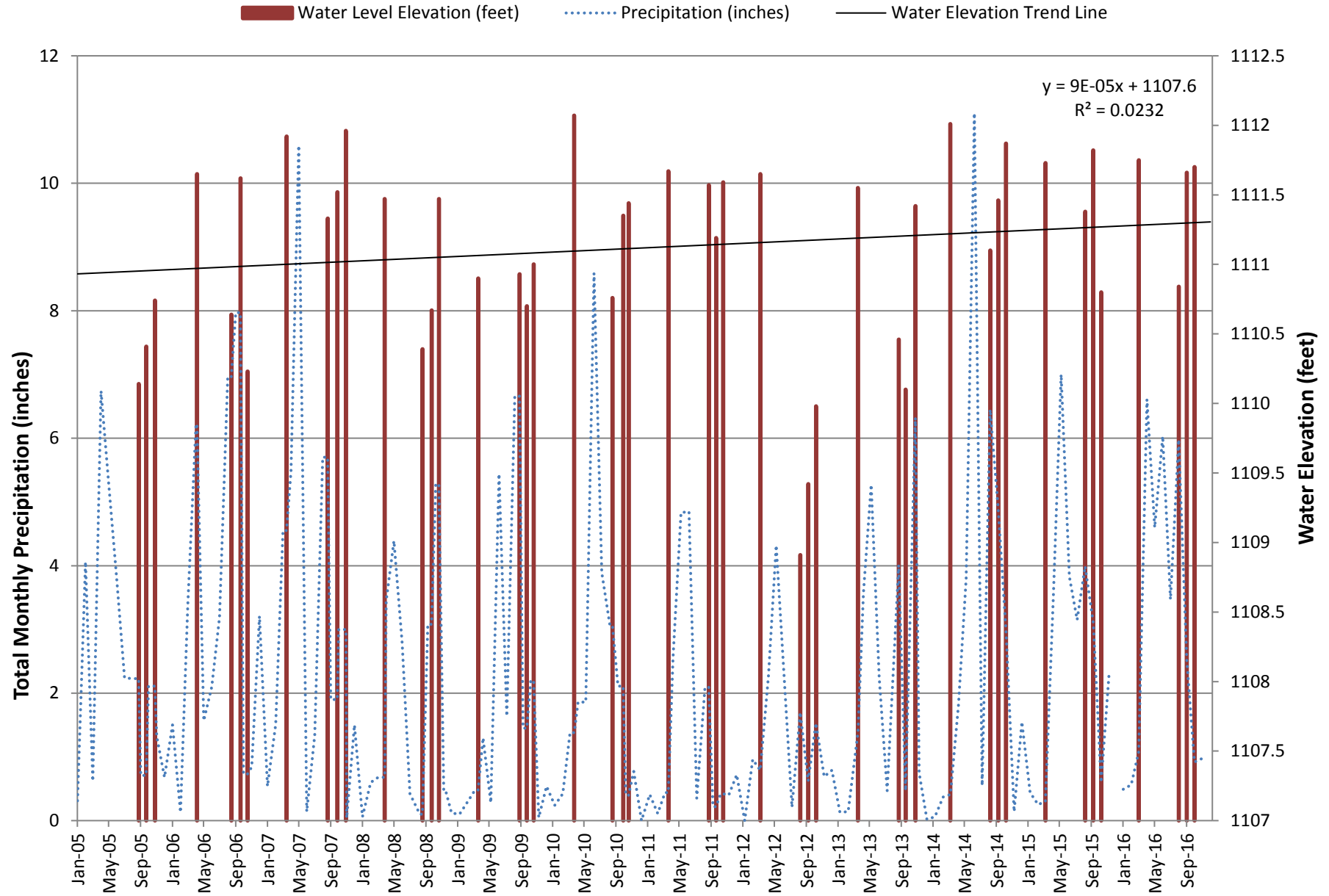
DG-26
BATHYMETRIC MONITORING DATA

DG-26-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG26



Figure 2 2005-2016 Water Elevations for DG-26 and Total Monthly Precipitation



DG-26-2
POND DG-26 PHOTOGRAPHS



Photograph 1: View of DG-26 looking northwest, March 23, 2016.



Photograph 2: View of DG-26 looking northeast, March 23, 2016.



Photograph 3: View of DG-26 looking northwest, August 18, 2016.



Photograph 4: View of DG-26 looking northeast, August 18, 2016.



Photograph 5: View of DG-26 looking northwest, September 23, 2016.



Photograph 6: View of DG-26 looking northeast, September 23, 2016.



Photograph 7: View of DG-26 looking northwest, October 20, 2016.



Photograph 8: View of DG-26 looking northeast, October 20, 2016.

DG-26-3
POND DG-26 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG26

Permanent Benchmark Elevation (feet): 1,113.45

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,111.75
8/18/2016	1,110.84
9/23/2016	1,111.66
10/20/2016	1,111.70

DG-27
BATHYMETRIC MONITORING DATA

DG-27-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG27

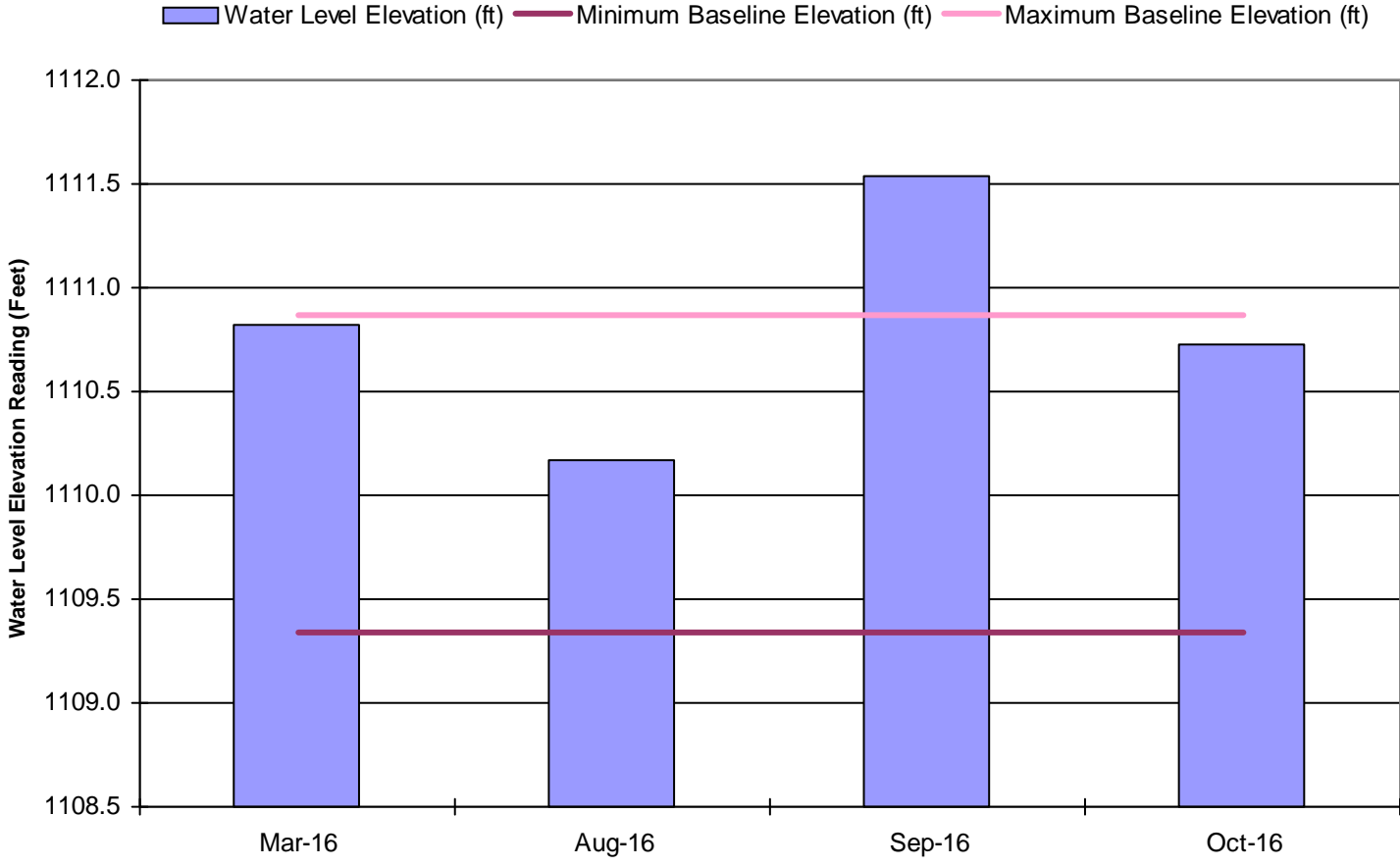
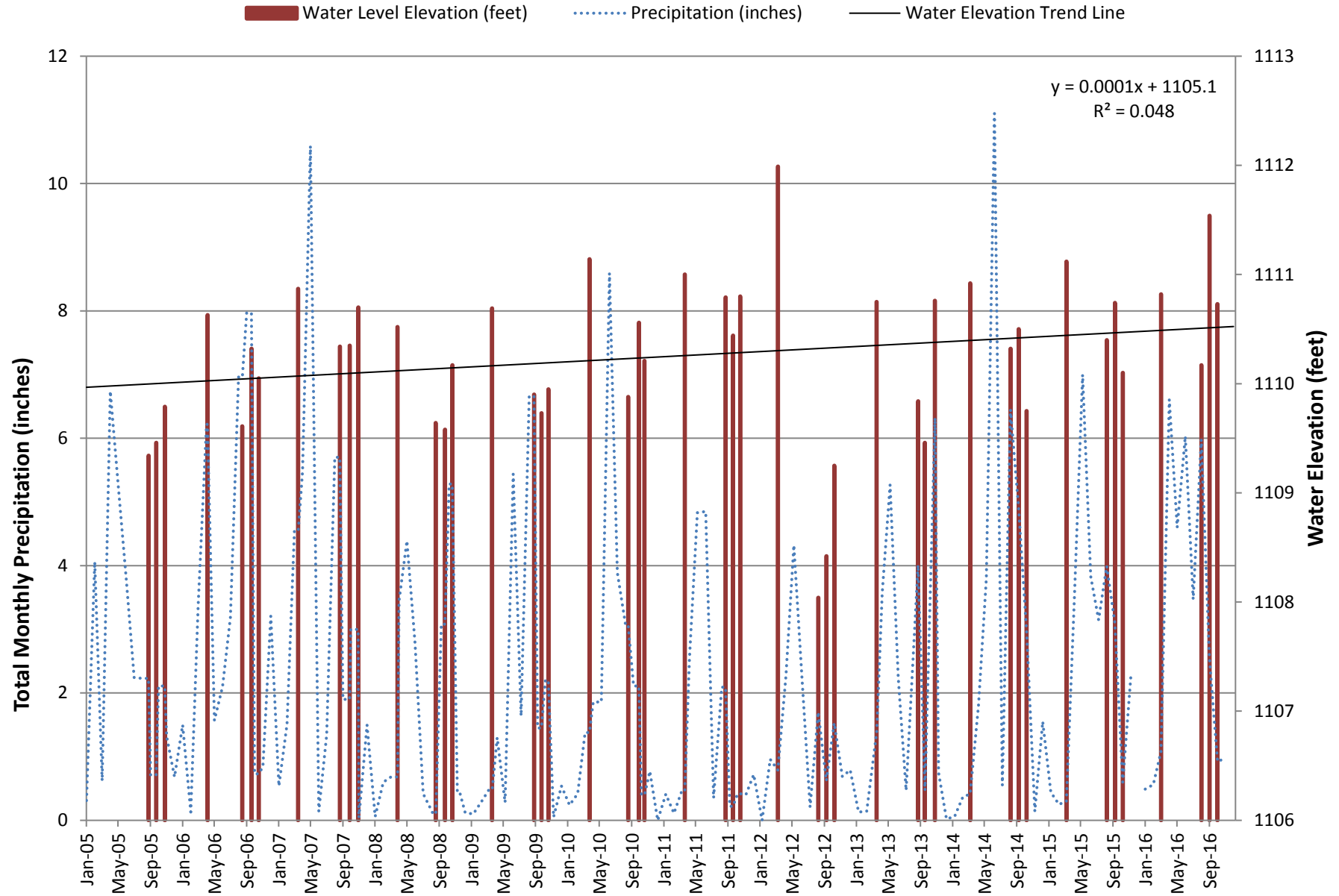


Figure 2 2005-2016 Water Elevations for DG-27 and Total Monthly Precipitation



DG-27-2
POND DG-27 PHOTOGRAPHS



Photograph 1: View of DG-27 looking southwest, March 23, 2016.



Photograph 2: View of DG-27 looking northwest, March 23, 2016.



Photograph 3: View of DG-27 looking southwest, August 18, 2016.



Photograph 4: View of DG-27 looking northwest, August 18, 2016.



Photograph 5: View of DG-27 looking southwest, September 23, 2016.



Photograph 6: View of DG-27 looking northwest, September 23, 2016.



Photograph 7: View of DG-27 looking southwest, October 20, 2016.



Photograph 8: View of DG-27 looking northwest, October 20, 2016.

DG-27-3
POND DG-27 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG27

Permanent Benchmark Elevation (feet): 1,115.90

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,110.82
8/18/2016	1,110.17
9/23/2016	1,111.54
10/20/2016	1,110.73

DG-28
BATHYMETRIC MONITORING DATA

DG-28-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG28

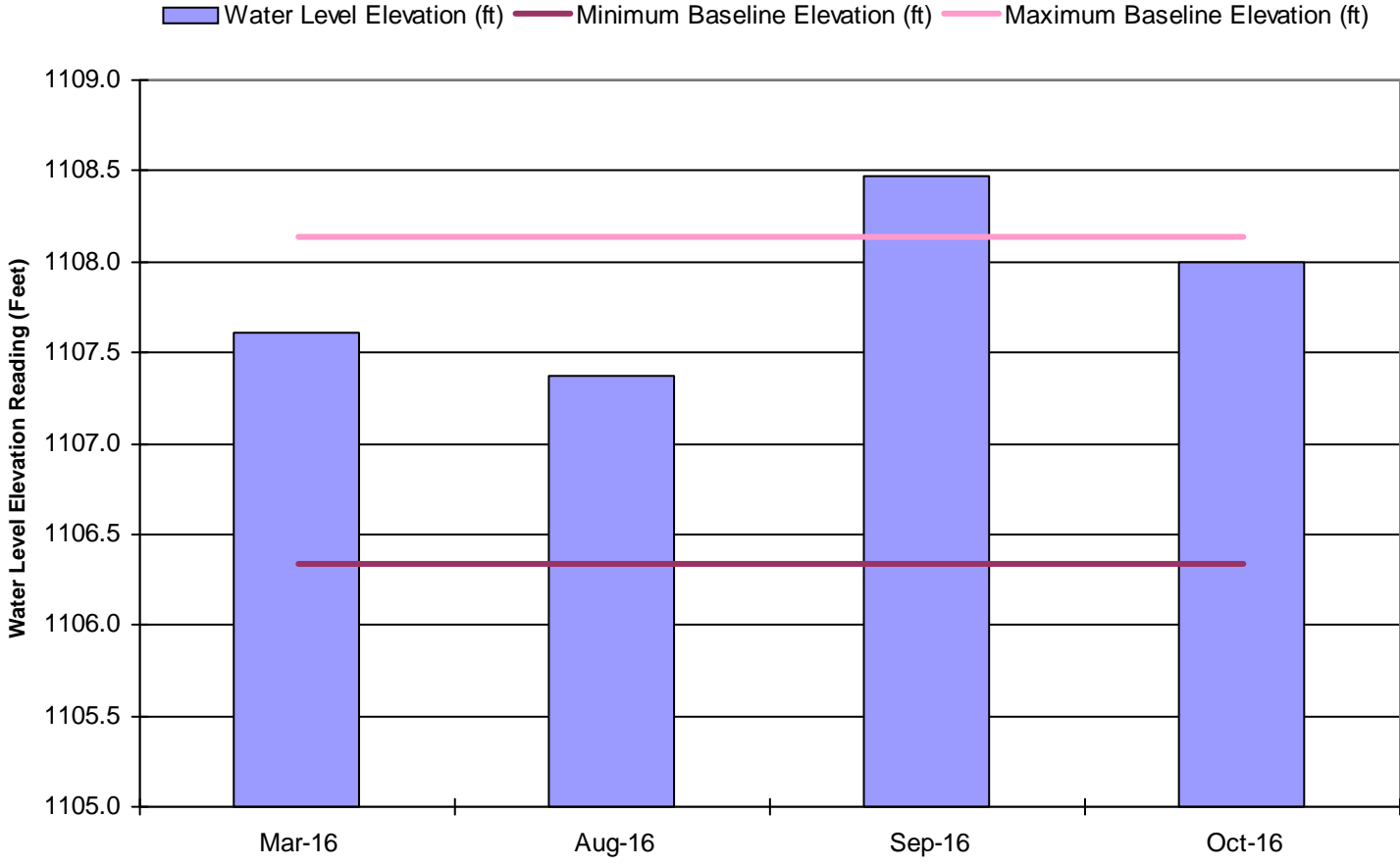
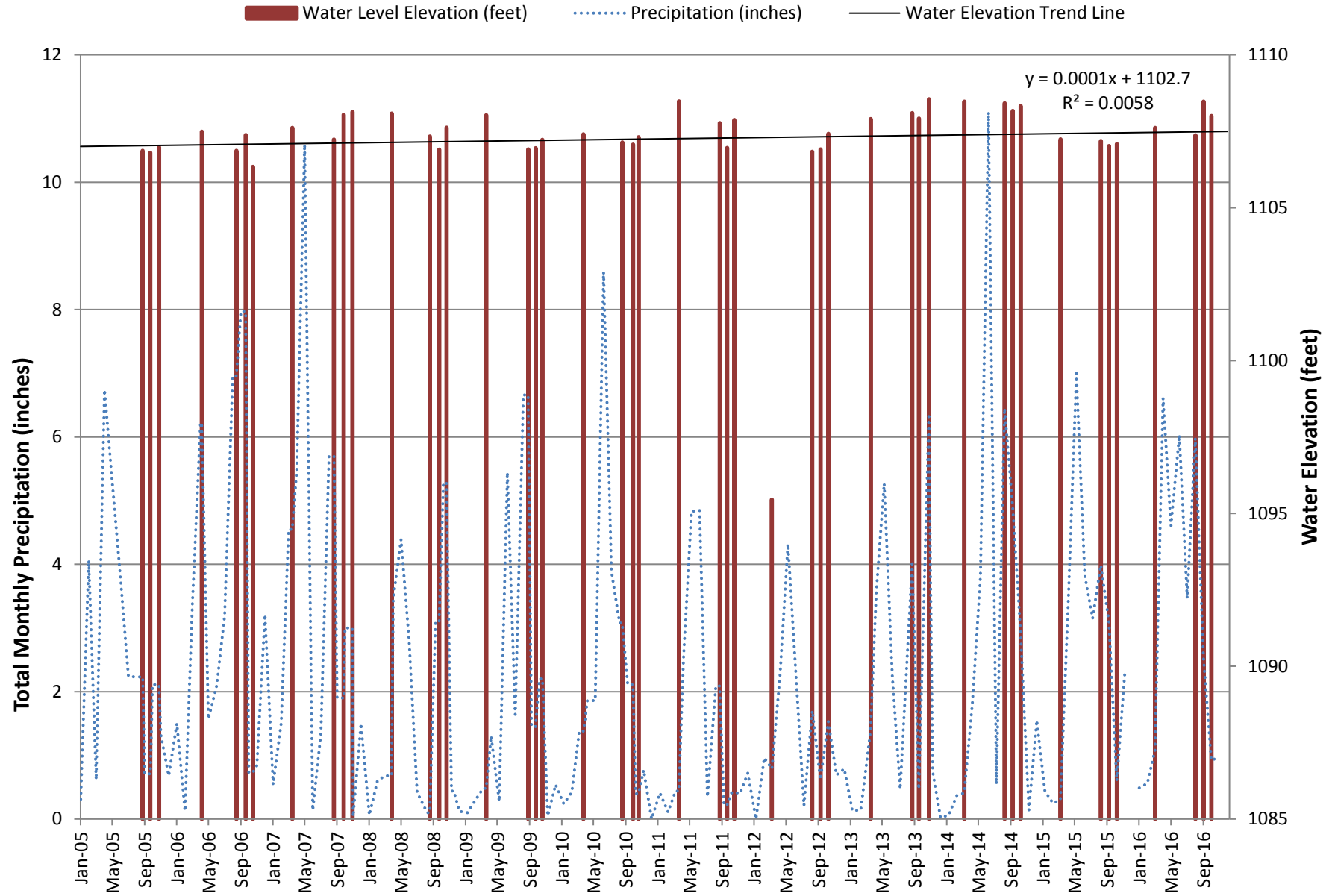


Figure 2 2005-2016 Water Elevations for DG-28 and Total Monthly Precipitation



DG-28-2
POND DG-28 PHOTOGRAPHS



Photograph 1: View of DG-28 looking southeast, March 23, 2016.



Photograph 2: View of DG-28 looking northeast, March 23, 2016.



Photograph 3: View of DG-28 looking southeast, August 18, 2016.



Photograph 4: View of DG-28 looking northeast, August 18, 2016.



Photograph 5: View of DG-28 looking southeast, September 23, 2016.



Photograph 6: View of DG-28 looking northeast, September 23, 2016.



Photograph 7: View of DG-28 looking southeast, October 20, 2016.



Photograph 8: View of DG-28 looking northeast, October 20, 2016.

DG-28-3
POND DG-28 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG28

Permanent Benchmark Elevation (feet): 1,115.90

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,107.61
8/18/2016	1,107.37
9/23/2016	1,108.47
10/20/2016	1,108.00

DG-29
BATHYMETRIC MONITORING DATA

DG-29-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG29

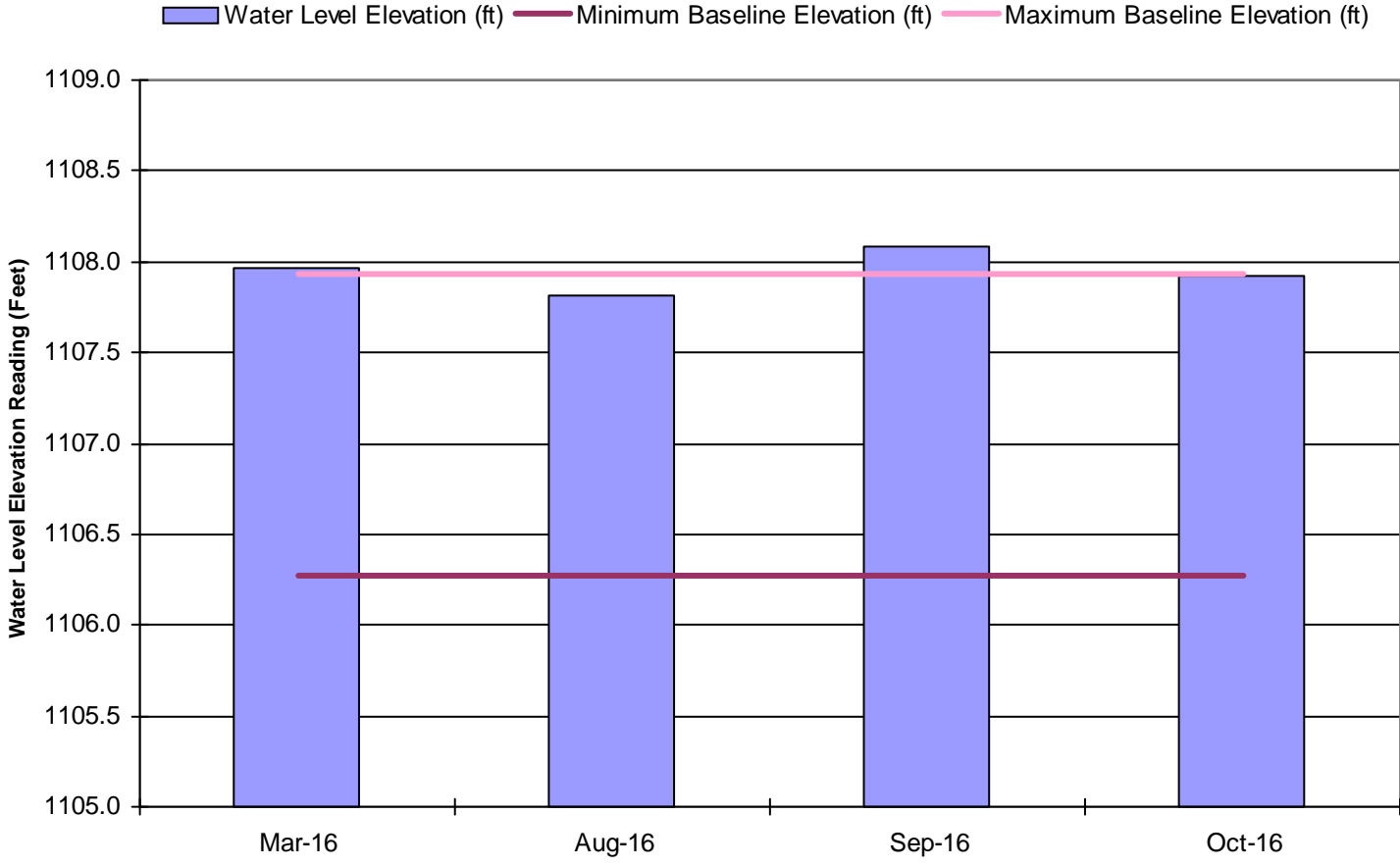
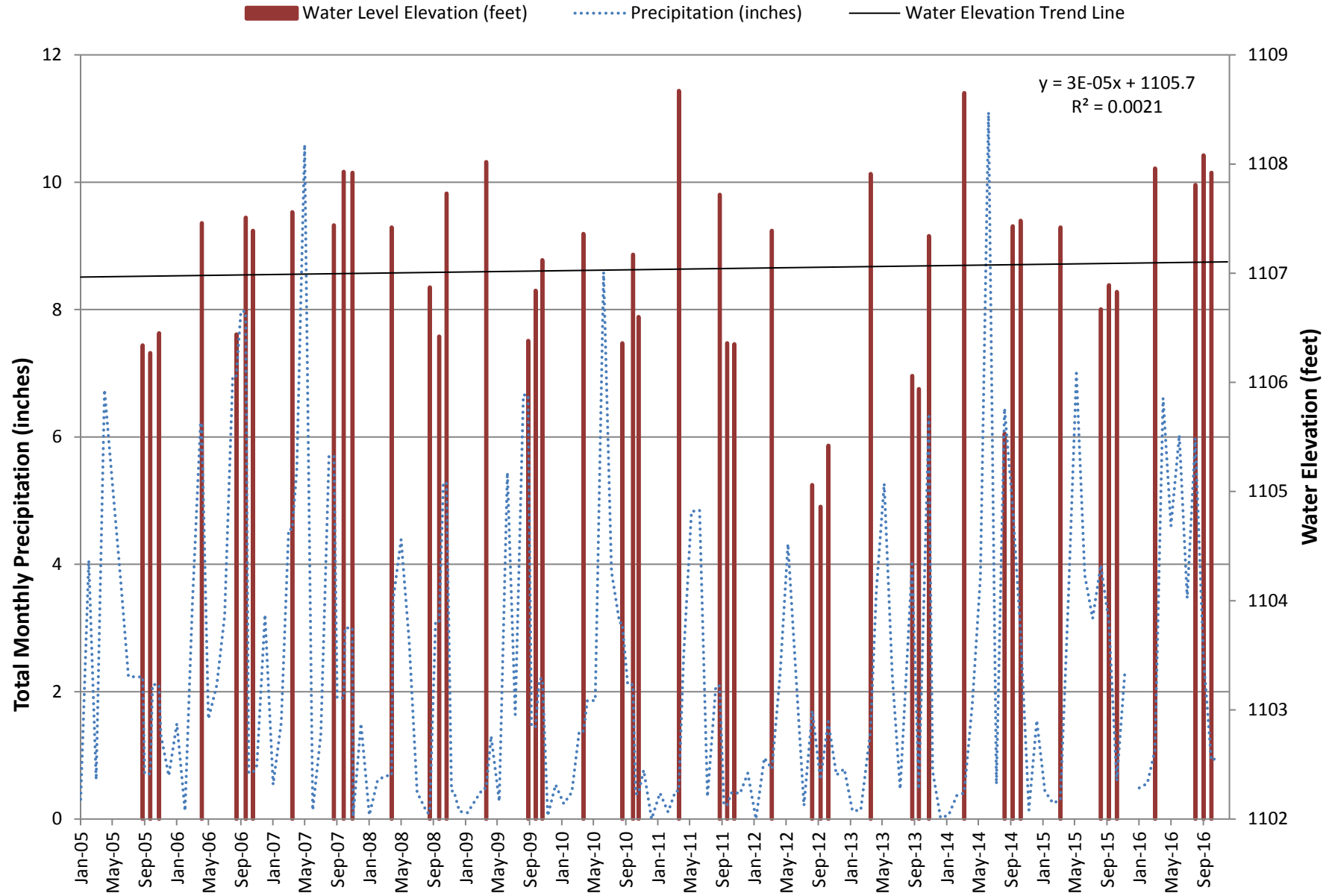


Figure 2 2005-2016 Water Elevations for DG-29 and Total Monthly Precipitation



DG-29-2
POND DG-29 PHOTOGRAPHS



Photograph 1: View of DG-29 looking north, March 23, 2016.



Photograph 2: View of DG-29 looking southeast, March 23, 2016.



Photograph 3: View of DG-29 looking north, August 18, 2016.



Photograph 4: View of DG-29 looking southeast, August 18, 2016.



Photograph 5: View of DG-29 looking north, September 23, 2016.



Photograph 6: View of DG-29 looking southeast, September 23, 2016.



Photograph 7: View of DG-29 looking north, October 20, 2016.



Photograph 8: View of DG-29 looking southeast, October 20, 2016.

DG-29-3
POND DG-29 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG29

Permanent Benchmark Elevation (feet): 1,112.95

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,107.96
8/18/2016	1,107.81
9/23/2016	1,108.08
10/20/2016	1,107.92

DG-30
BATHYMETRIC MONITORING DATA

DG-30-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG30

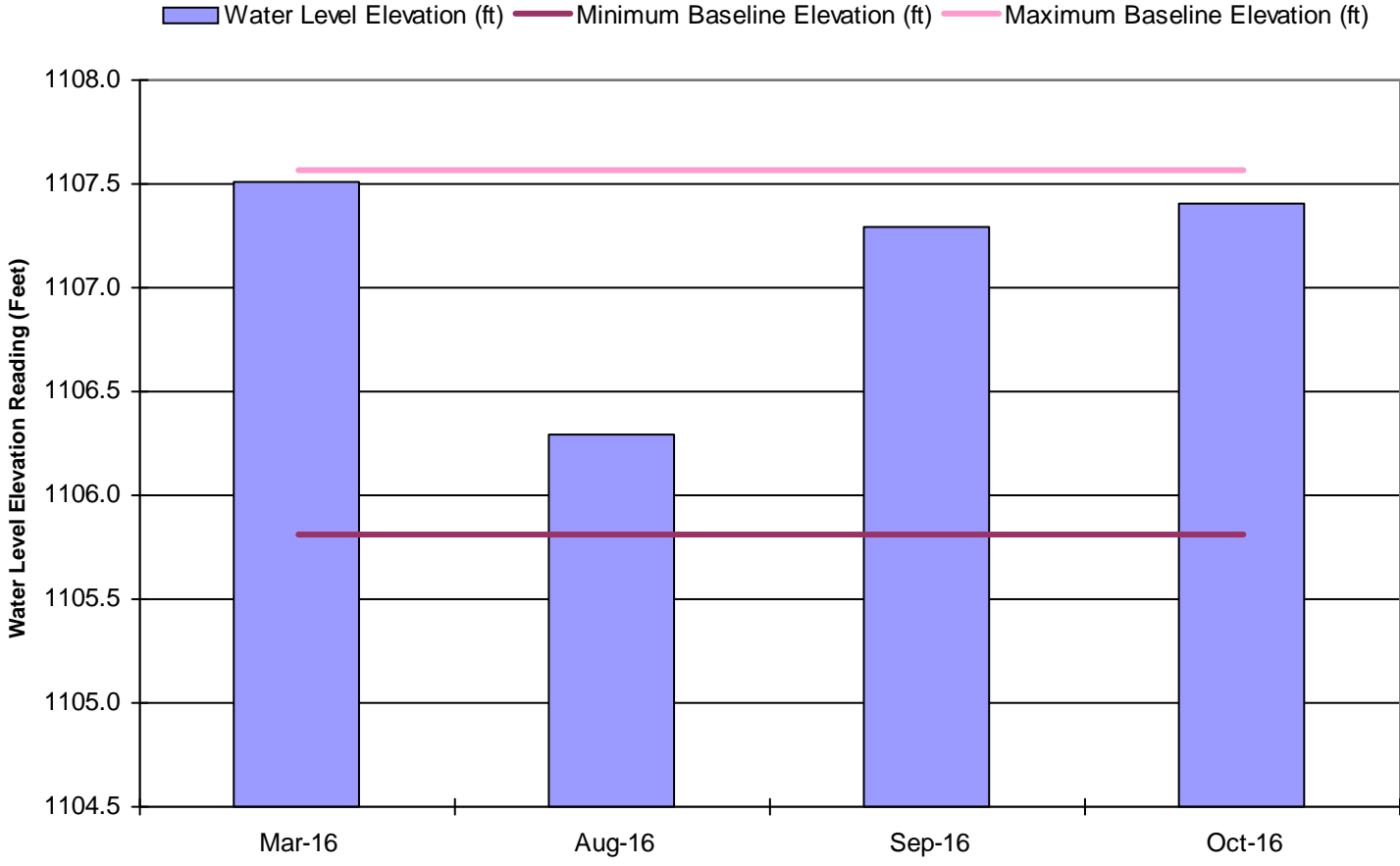
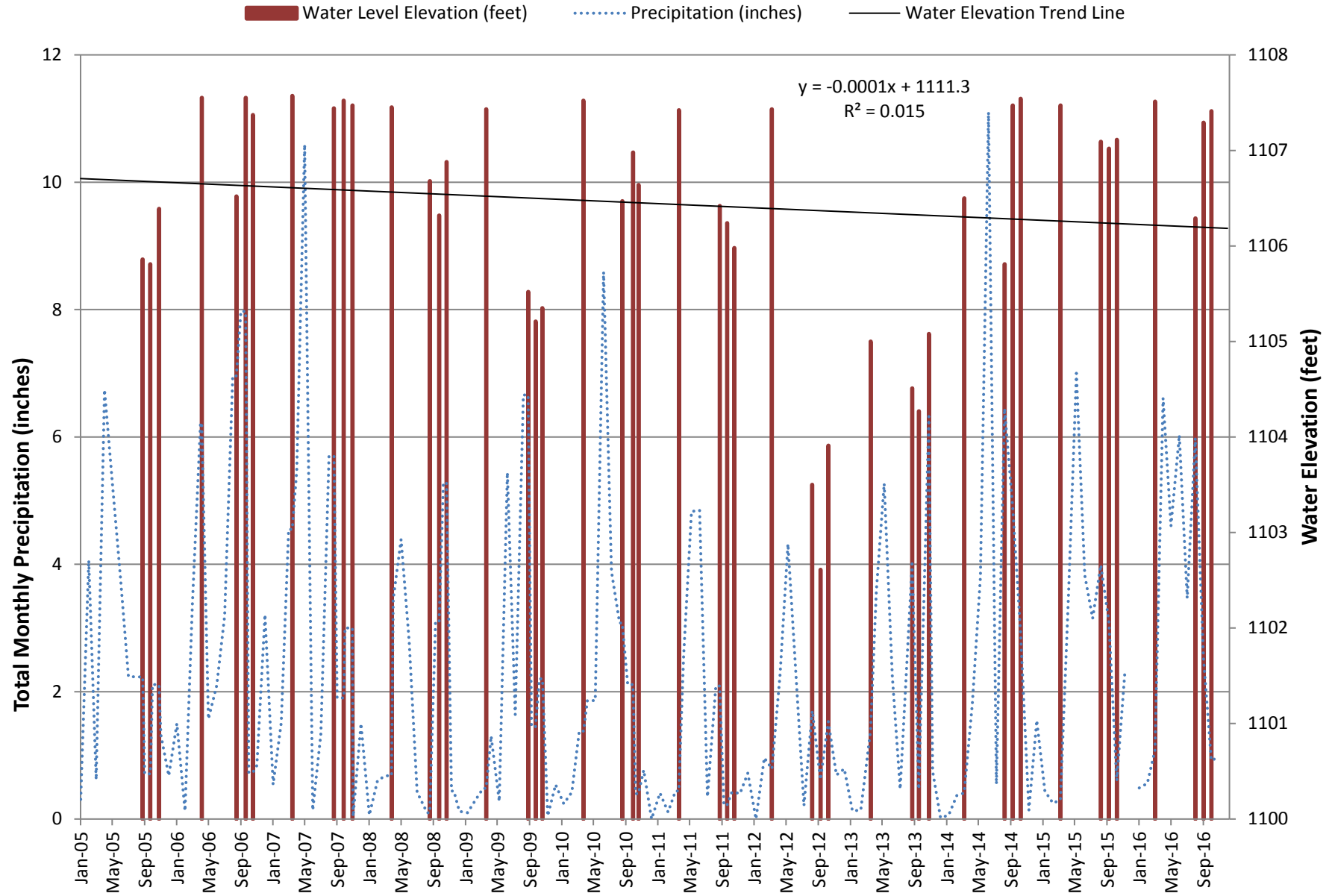


Figure 2 2005-2016 Water Elevations for DG-30 and Total Monthly Precipitation



DG-30-2
POND DG-30 PHOTOGRAPHS



Photograph 1: View of DG-30 looking north, March 23, 2016.



Photograph 2: View of DG-30 looking southeast, March 23, 2016.



Photograph 3: View of DG-30 looking north, August 18, 2016.



Photograph 4: View of DG-30 looking southeast, August 18, 2016.



Photograph 5: View of DG-30 looking north, September 23, 2016.



Photograph 6: View of DG-30 looking southeast, September 23, 2016.



Photograph 7: View of DG-30 looking north, October 20, 2016.



Photograph 8: View of DG-30 looking southeast, October 20, 2016.

DG-30-3
POND DG-30 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG30

Permanent Benchmark Elevation (feet): 1,111.43

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,107.51
8/18/2016	1,106.29
9/23/2016	1,107.29
10/20/2016	1,107.41

DG-31
BATHYMETRIC MONITORING DATA

DG-31-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG31

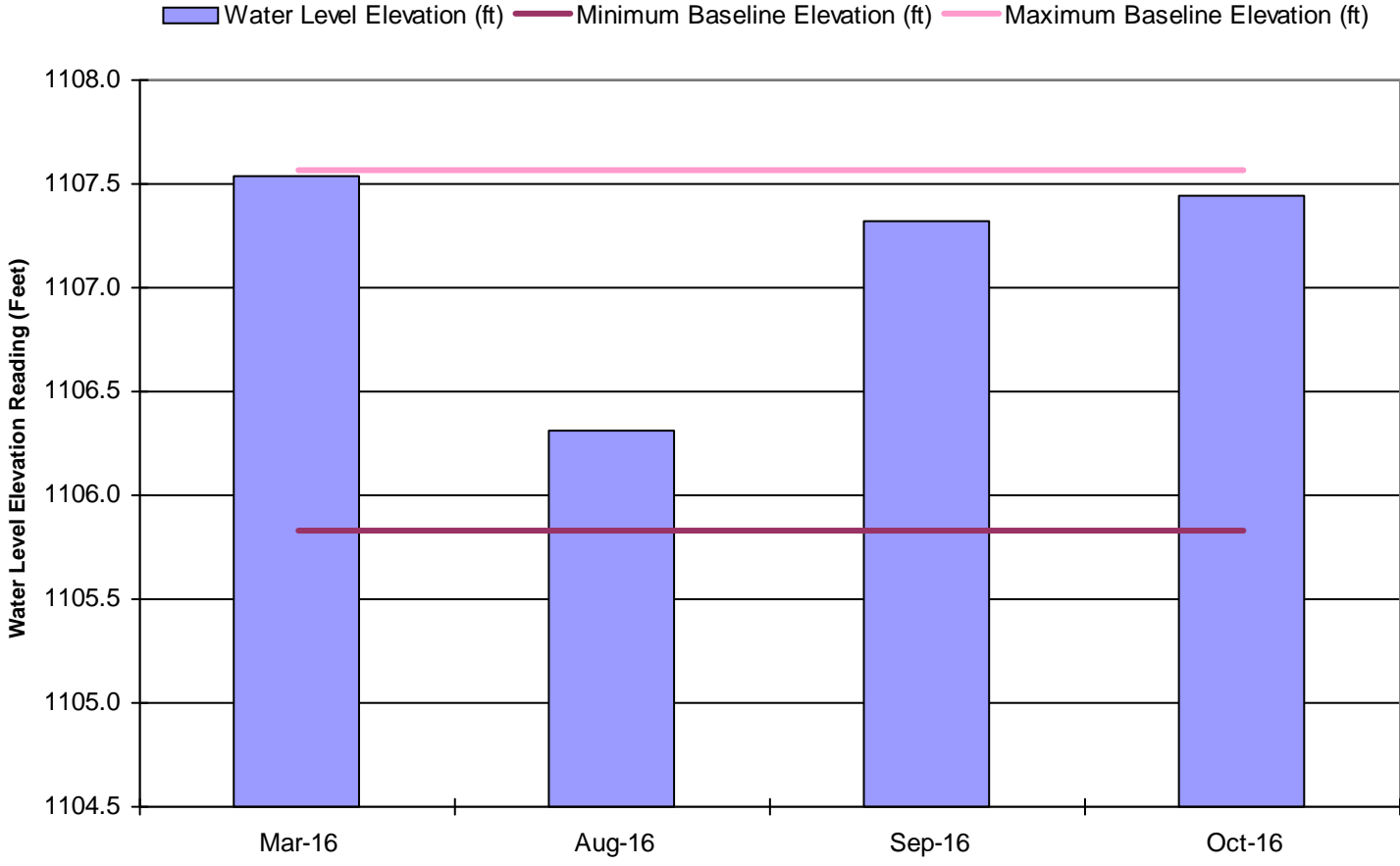
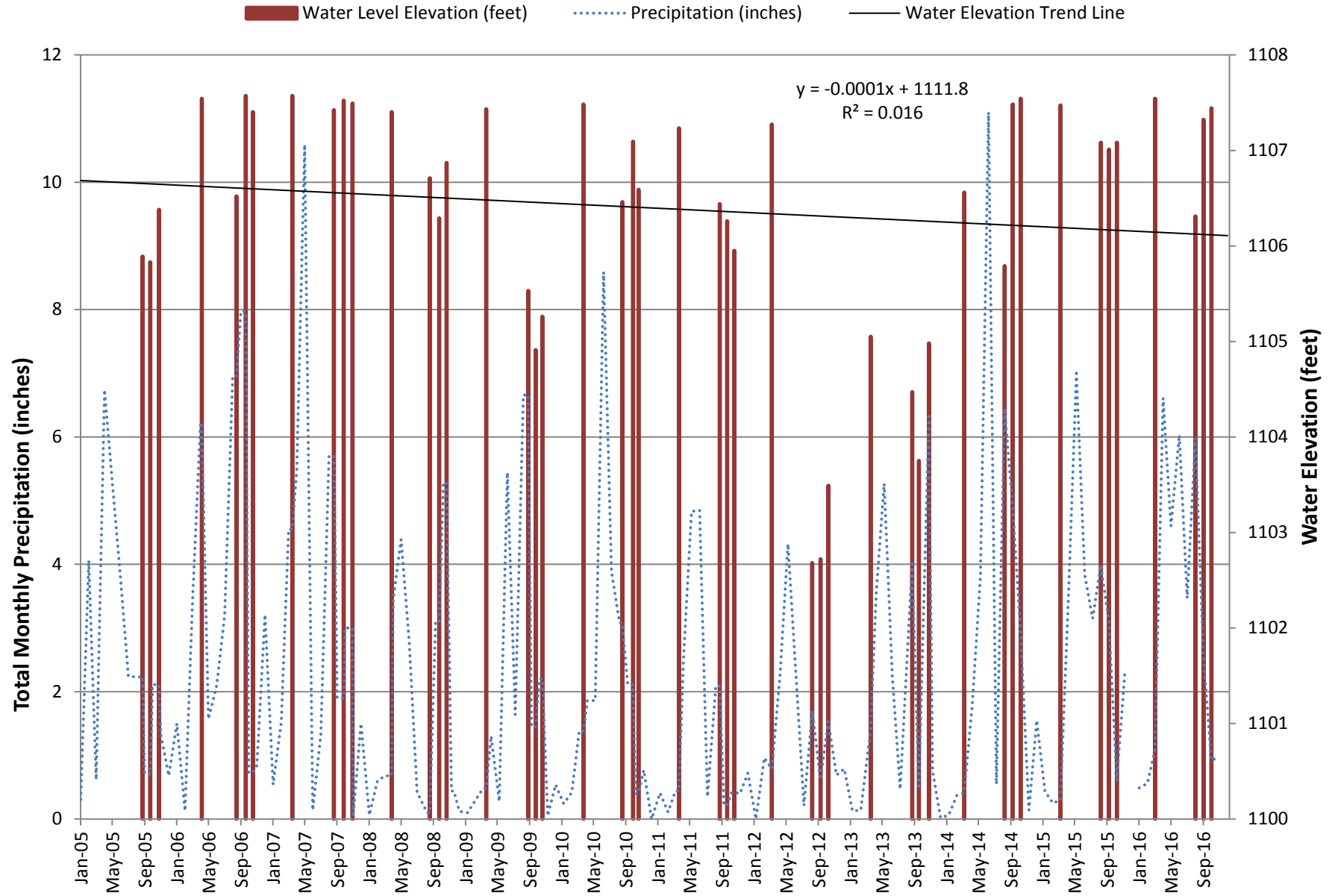


Figure 2 2005-2016 Water Elevations for DG-31 and Total Monthly Precipitation



DG-31-2
POND DG-31 PHOTOGRAPHS



Photograph 1: View of DG-31 looking east, March 23, 2016.



Photograph 2: View of DG-31 looking south, March 23, 2016.



Photograph 3: View of DG-31 looking east, August 18, 2016.



Photograph 4: View of DG-31 looking south, August 18, 2016.



Photograph 5: View of DG-31 looking east, September 23, 2016.



Photograph 6: View of DG-31 looking south, September 23, 2016.



Photograph 7: View of DG-31 looking east, October 20, 2016.



Photograph 8: View of DG-31 looking south, October 20, 2016.

DG-31-3
POND DG-31 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG31

Permanent Benchmark Elevation (feet): 1,111.43

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,107.54
8/18/2016	1,106.31
9/23/2016	1,107.32
10/20/2016	1,107.44

DG-32
BATHYMETRIC MONITORING DATA

DG-32-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG32

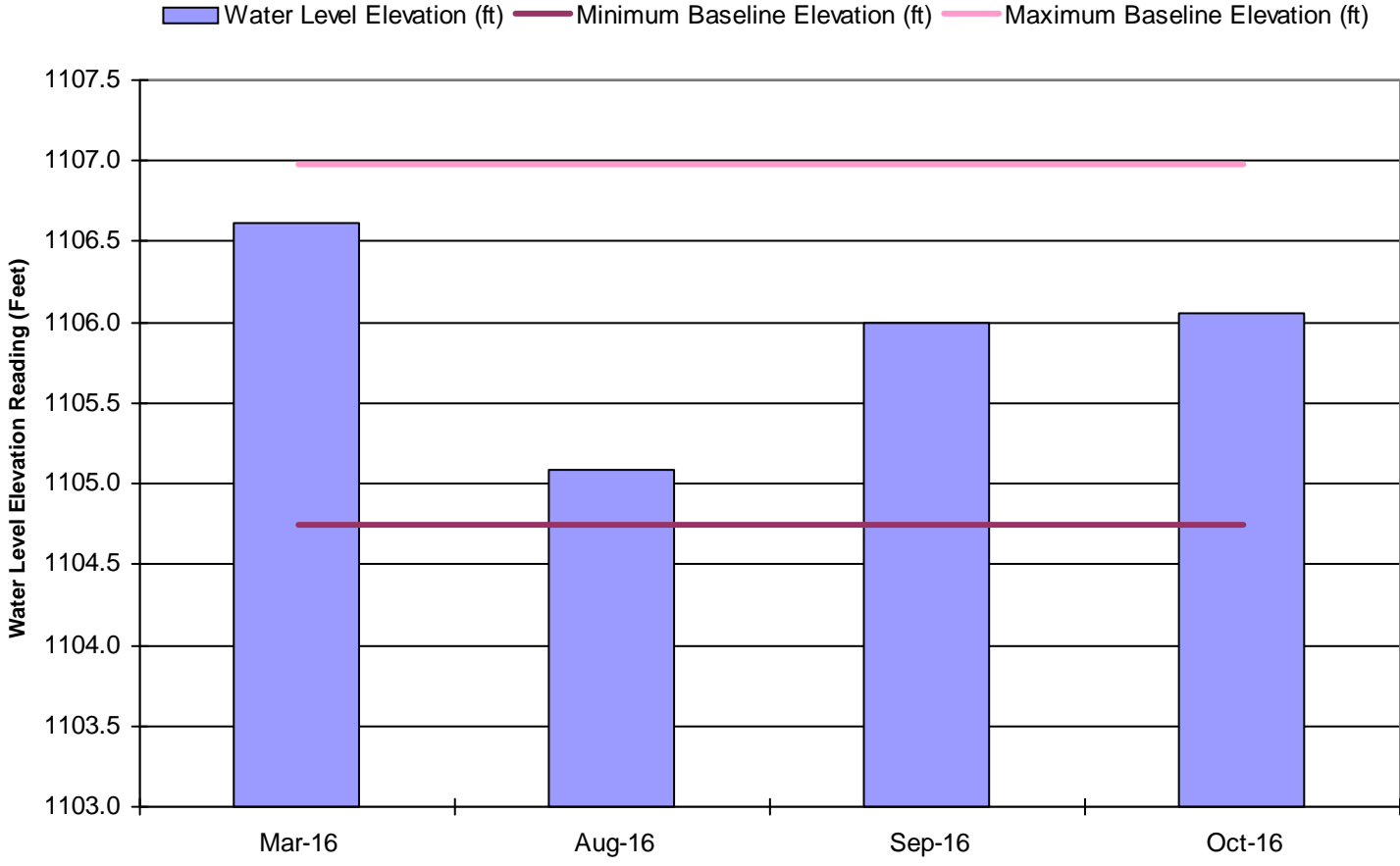
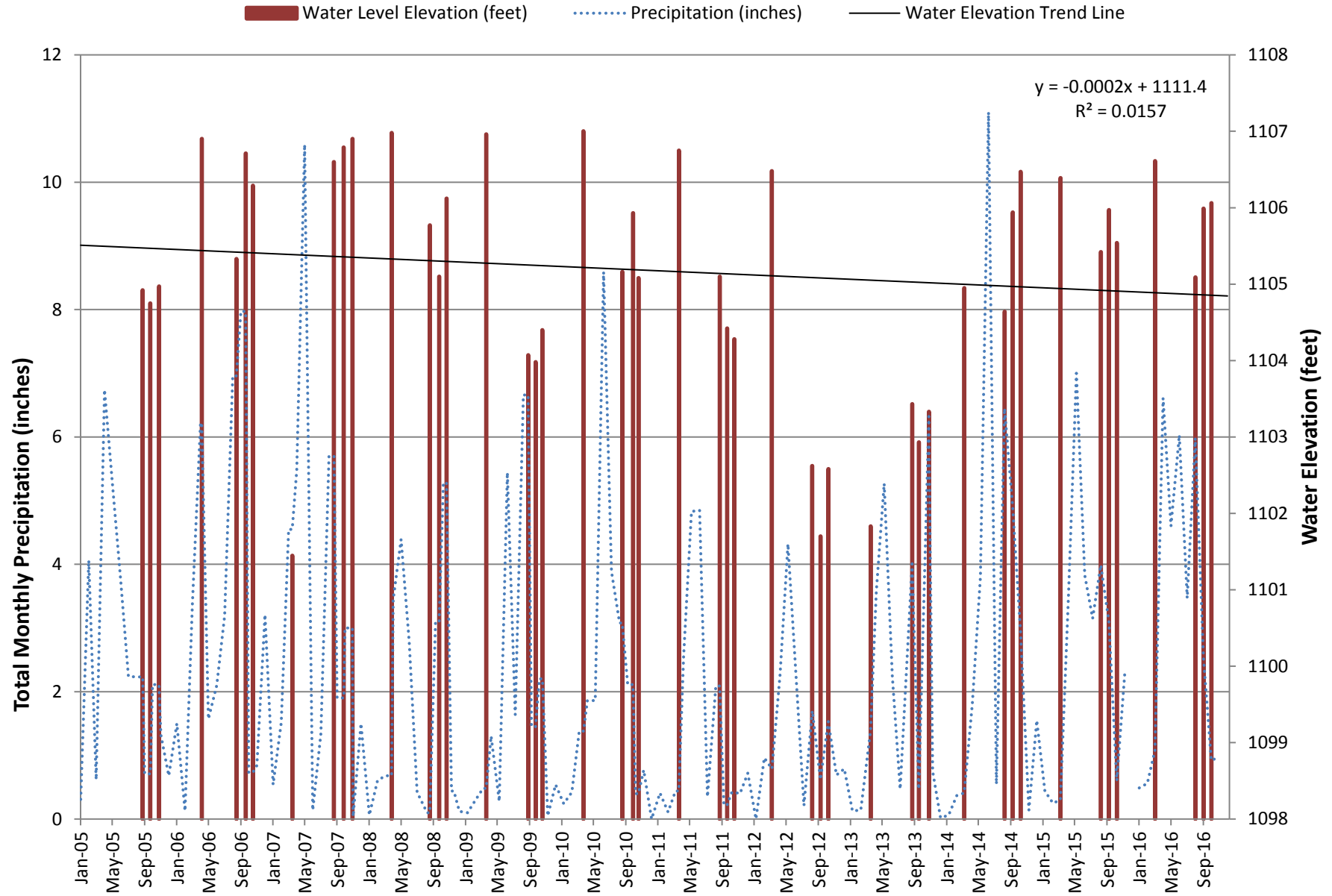


Figure 2 2005-2016 Water Elevations for DG-32 and Total Monthly Precipitation



DG-32-2
POND DG-32 PHOTOGRAPHS



Photograph 1: View of DG-32 looking southwest, March 23, 2016.



Photograph 2: View of DG-32 looking northwest, March 23, 2016.



Photograph 3: View of DG-32 looking southwest, August 18, 2016.



Photograph 4: View of DG-32 looking northwest, August 18, 2016.



Photograph 5: View of DG-32 looking southwest, September 23, 2016.



Photograph 6: View of DG-32 looking northwest, September 23, 2016.



Photograph 7: View of DG-32 looking southwest, October 20, 2016.



Photograph 8: View of DG-32 looking northwest, October 20, 2016.

DG-32-3
POND DG-32 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG32

Permanent Benchmark Elevation (feet): 1,109.94

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,106.61
8/18/2016	1,105.09
9/23/2016	1,105.99
10/20/2016	1,106.06

DG-34
BATHYMETRIC MONITORING DATA

DG-34-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for PondDG34

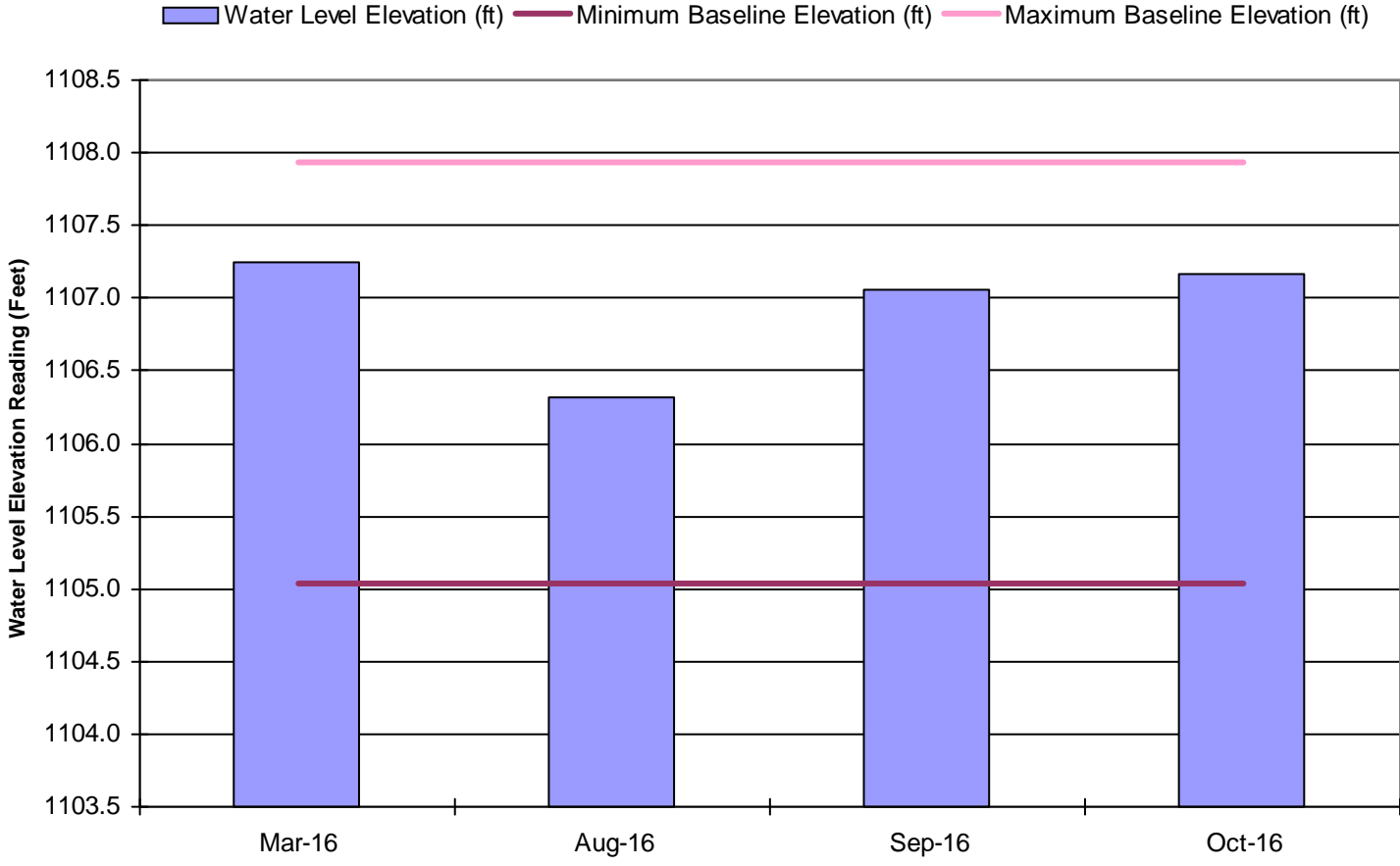
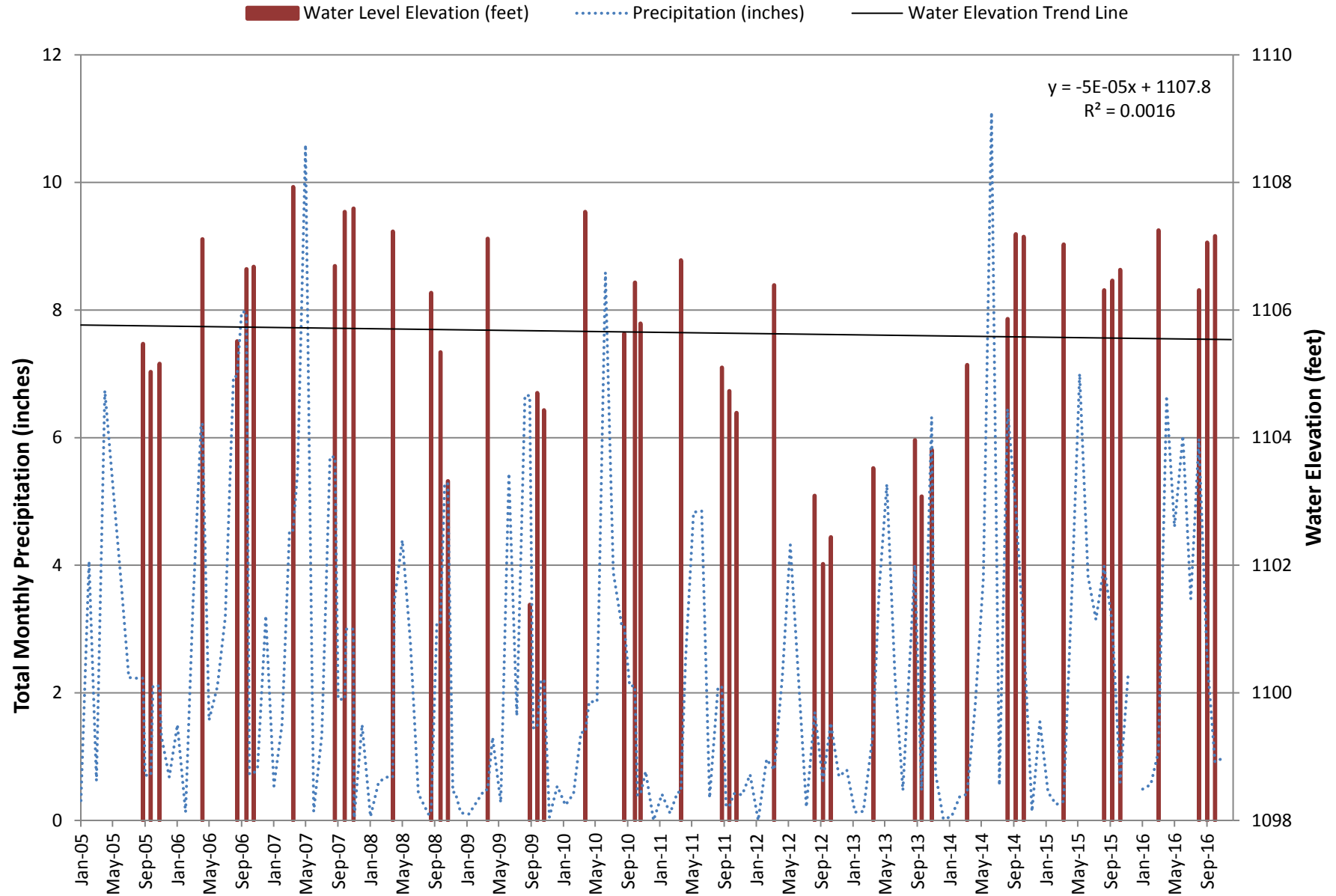


Figure 2 2005-2016 Water Elevations for DG-34 and Total Monthly Precipitation



DG-34-2
POND DG-32 PHOTOGRAPHS



Photograph 1: View of DG-34 looking east, March 23, 2016.



Photograph 2: View of DG-34 looking west, March 23, 2016.



Photograph 3: View of DG-34 looking east, August 18, 2016.



Photograph 4: View of DG-34 looking west, August 18, 2016.



Photograph 5: View of DG-34 looking east, September 23, 2016.



Photograph 6: View of DG-34 looking west, September 23, 2016.



Photograph 7: View of DG-34 looking east, October 20, 2016.



Photograph 8: View of DG-34 looking west, October 20, 2016.

DG-34-3
POND DG-34 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG34

Permanent Benchmark Elevation (feet): 1,111.42

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,107.25
8/18/2016	1,106.31
9/23/2016	1,107.06
10/20/2016	1,107.16

DG-43
BATHYMETRIC MONITORING DATA

DG-43-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG43

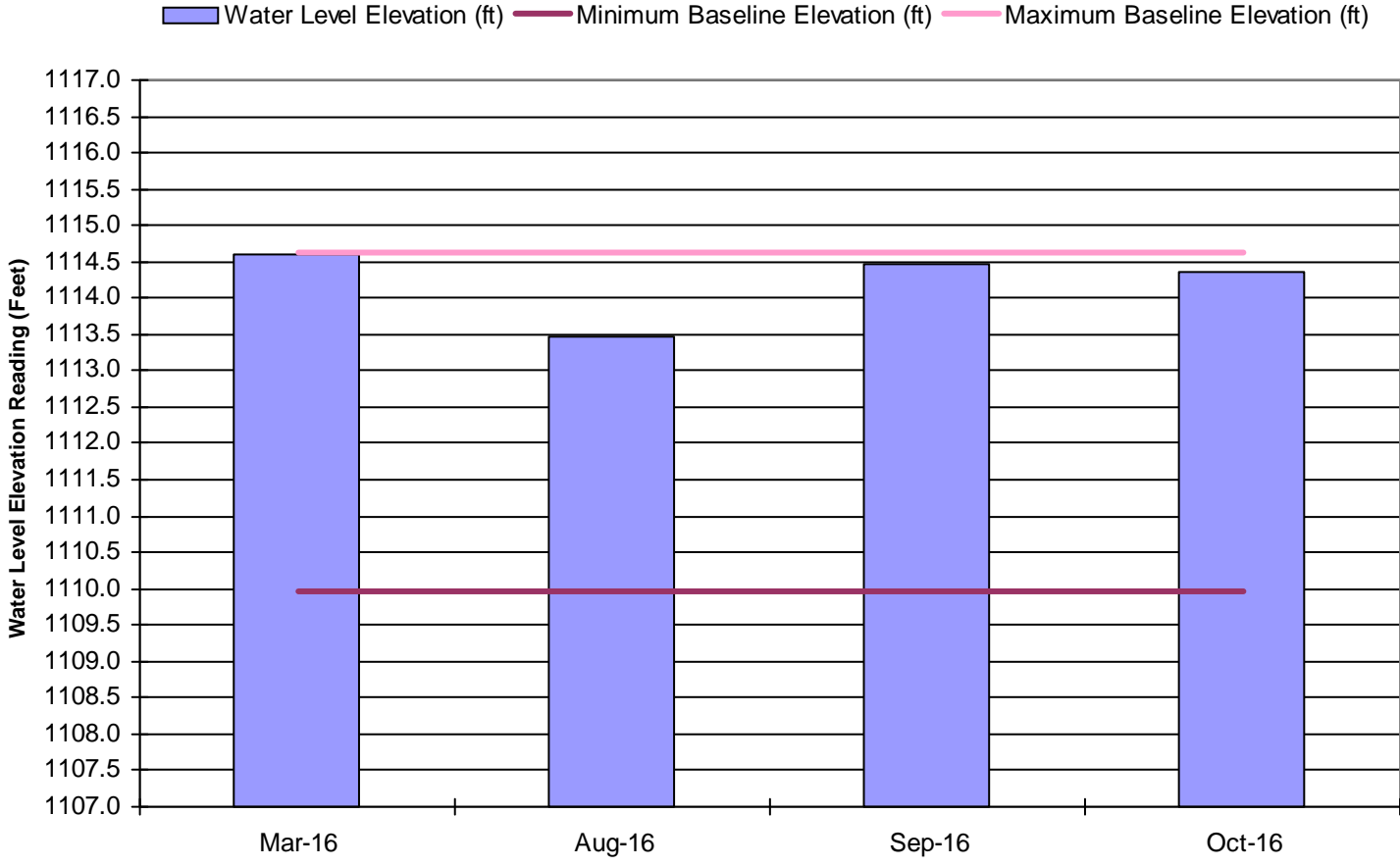
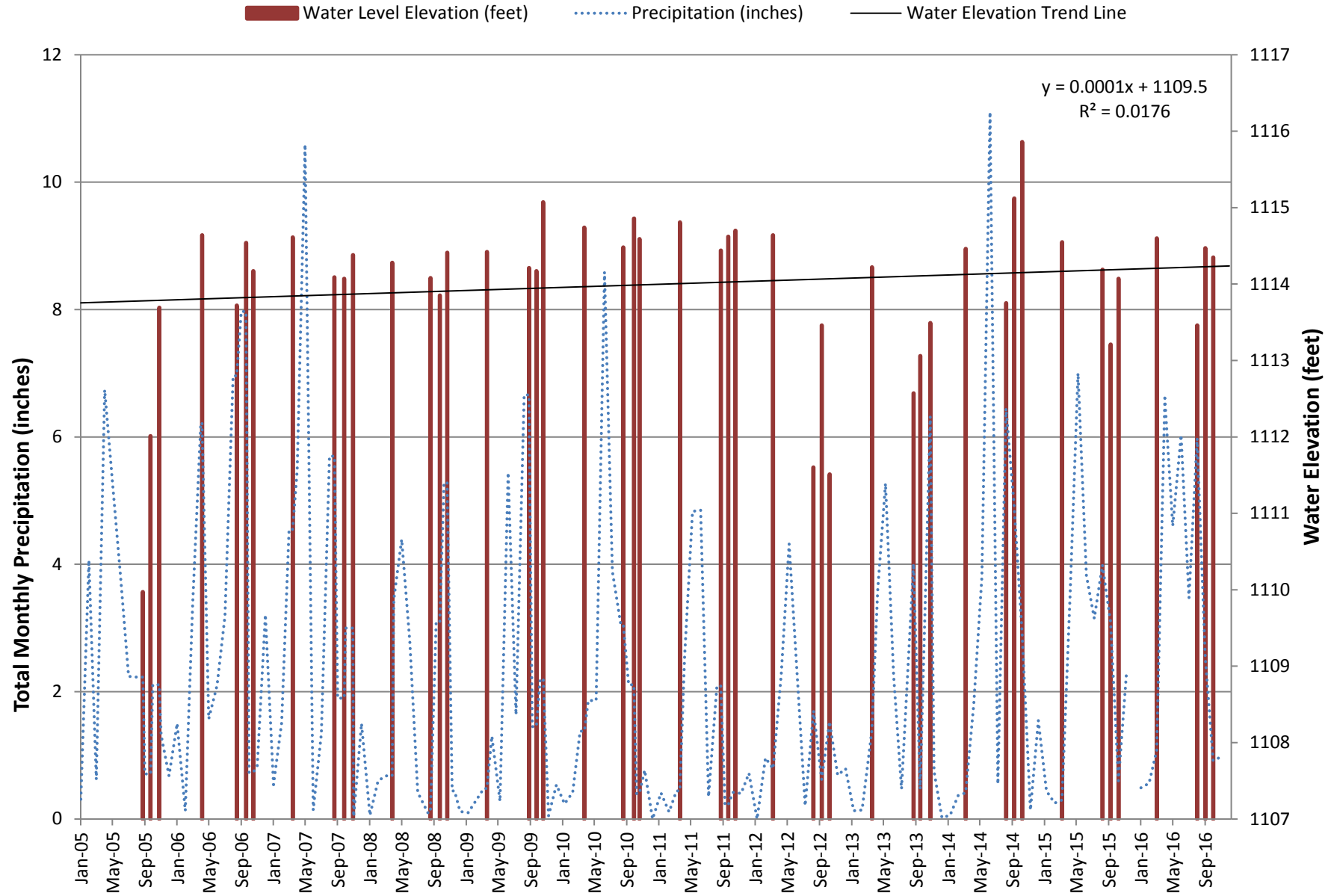


Figure 2 2005-2016 Water Elevations for DG-43 and Total Monthly Precipitation



DG-43-2
POND DG-43 PHOTOGRAPHS



Photograph 1: View of DG-43 looking east, March 23, 2016.



Photograph 2: View of DG-43 looking east, August 18, 2016.



Photograph 3: View of DG-43 looking east, September 23, 2016.



Photograph 4: View of DG-43 looking east, October 20, 2016.

DG-43-3
POND DG-43 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG43

Permanent Benchmark Elevation (feet): 1,125.06

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,114.60
8/18/2016	1,113.46
9/23/2016	1,114.47
10/20/2016	1,114.35

DG-45
BATHYMETRIC MONITORING DATA

DG-45-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG45

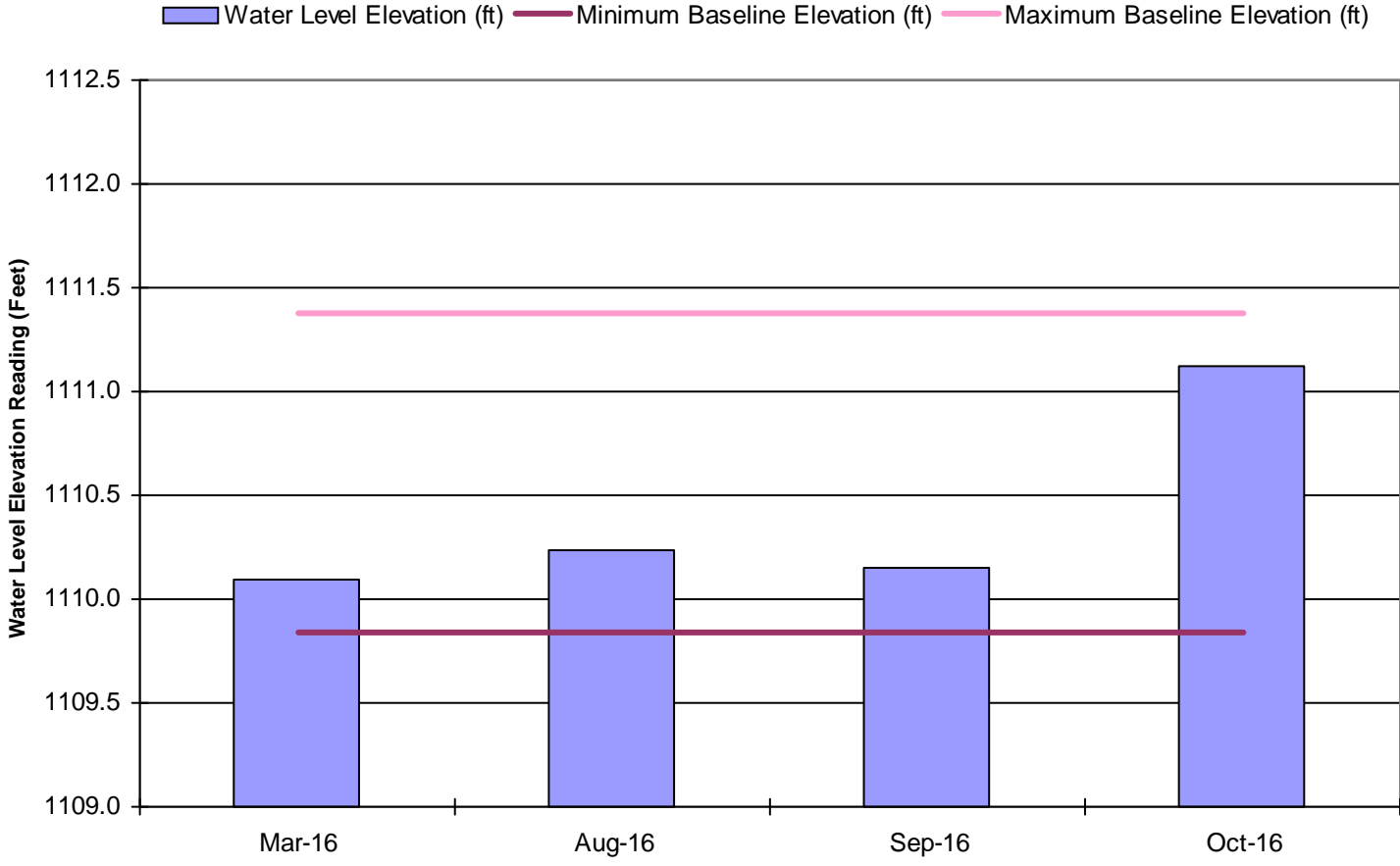
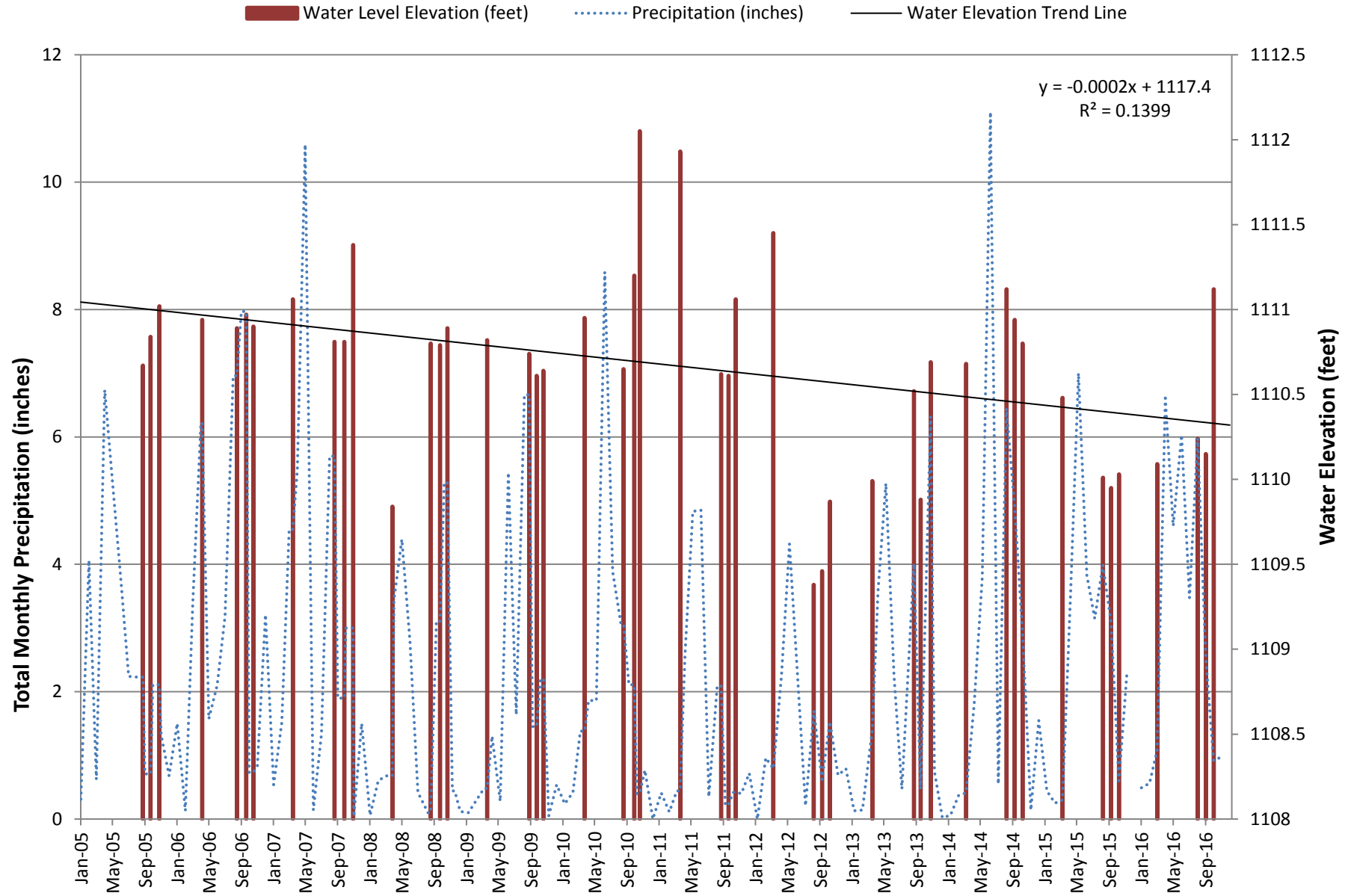


Figure 2 2005-2016 Water Elevations for DG-45 and Total Monthly Precipitation



DG-45-2
POND DG-45 PHOTOGRAPHS



Photograph 1: View of DG-45 looking north, March 23, 2016.



Photograph 2: View of DG-45 looking southwest, March 23, 2016.



Photograph 3: View of DG-45 looking north, August 18, 2016.



Photograph 4: View of DG-45 looking southwest, August 18, 2016.



Photograph 5: View of DG-45 looking north, September 23, 2016.



Photograph 6: View of DG-45 looking southwest, September 23, 2016.



Photograph 7: View of DG-45 looking north, October 20, 2016.



Photograph 8: View of DG-45 looking southwest, October 20, 2016.

DG-45-3
POND DG-45 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG45

Permanent Benchmark Elevation (feet): 1,114.02

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,110.09
8/18/2016	1,110.24
9/23/2016	1,110.15
10/20/2016	1,111.12

DG-46
BATHYMETRIC MONITORING DATA

DG-46-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG46

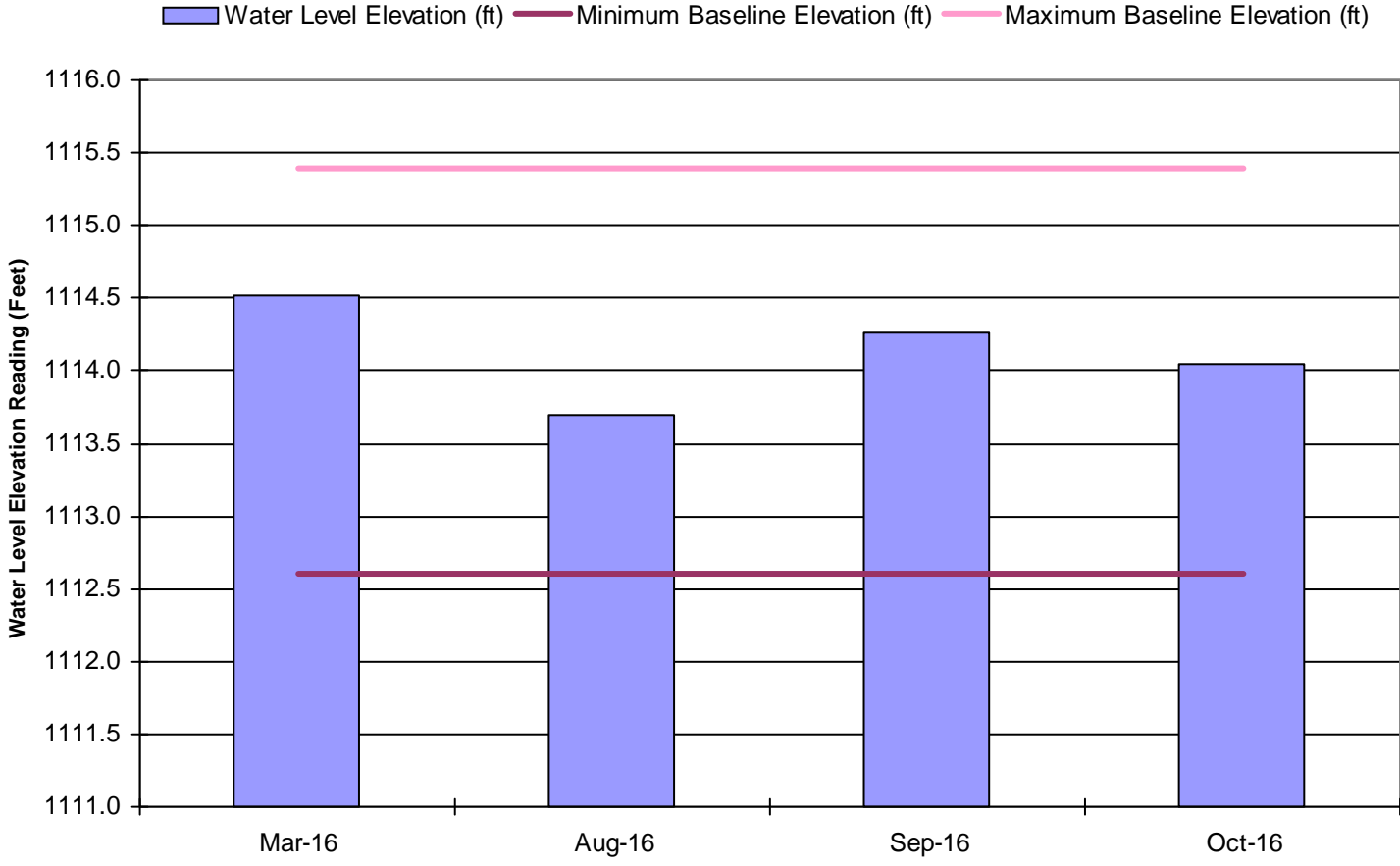
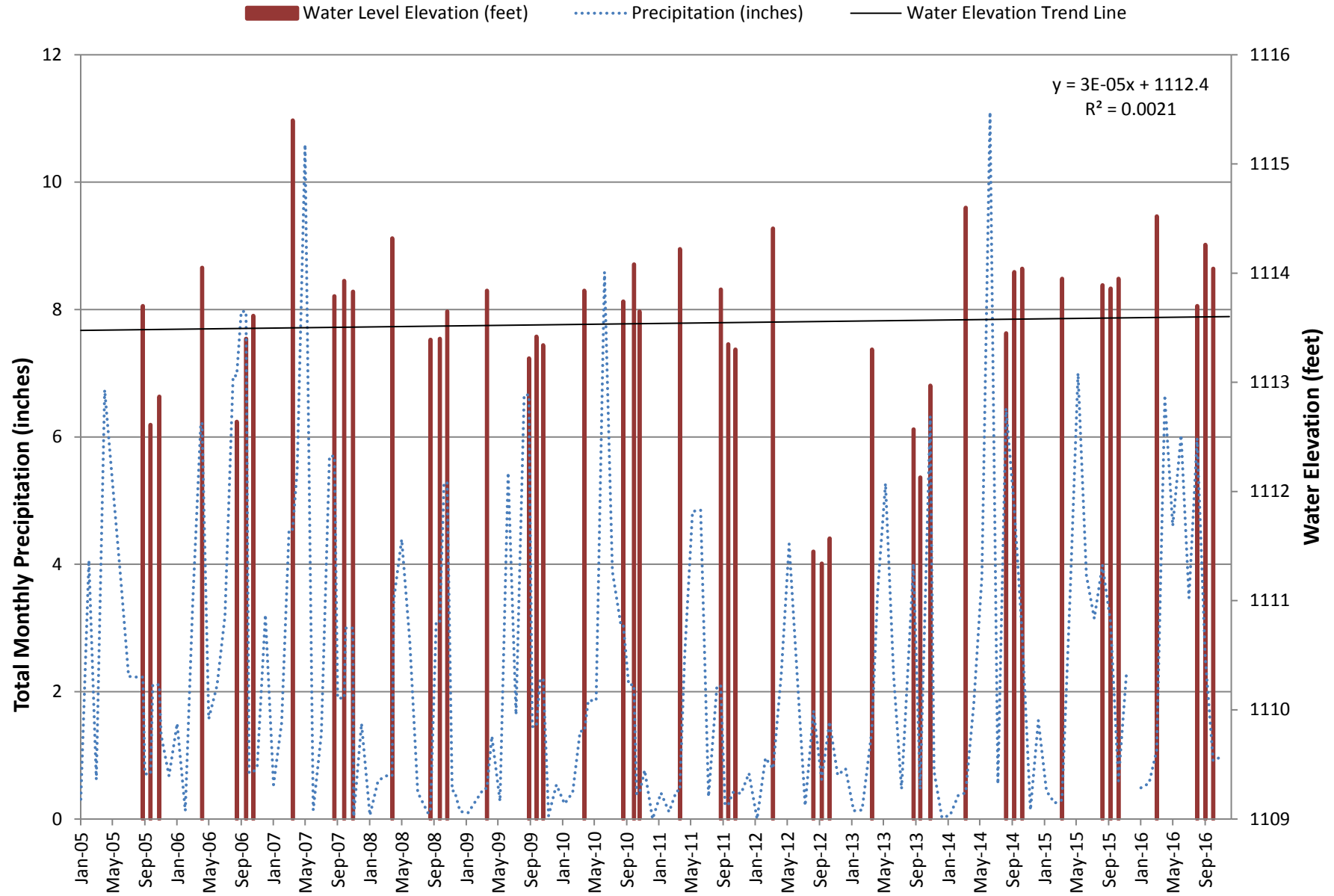


Figure 2 2005-2016 Water Elevations for DG-46 and Total Monthly Precipitation



DG-46-2
POND DG-46 PHOTOGRAPHS



Photograph 1: View of DG-46 looking southeast, March 23, 2016.



Photograph 2: View of DG-46 looking northeast, March 23, 2016.



Photograph 3: View of DG-46 looking southwest, March 23, 2016.



Photograph 4: View of DG-46 looking southeast, August 18, 2016.



Photograph 5: View of DG-46 looking northeast, August 18, 2016.



Photograph 6: View of DG-46 looking southwest, August 18, 2016.



Photograph 7: View of DG-46 looking southeast, September 23, 2016.



Photograph 8: View of DG-46 looking northeast, September 23, 2016.



Photograph 9: View of DG-46 looking southwest, September 23, 2016.



Photograph 10: View of DG-46 looking southeast, October 20, 2016.



Photograph 11: View of DG-46 looking northeast, October 20, 2016.



Photograph 12: View of DG-46 looking southwest, October 20, 2016.

DG-46-3
POND DG-46 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG46

Permanent Benchmark Elevation (feet): 1,116.60

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,114.52
8/18/2016	1,113.70
9/23/2016	1,114.26
10/20/2016	1,114.04

DG-52
BATHYMETRIC MONITORING DATA

DG-52-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond DG52

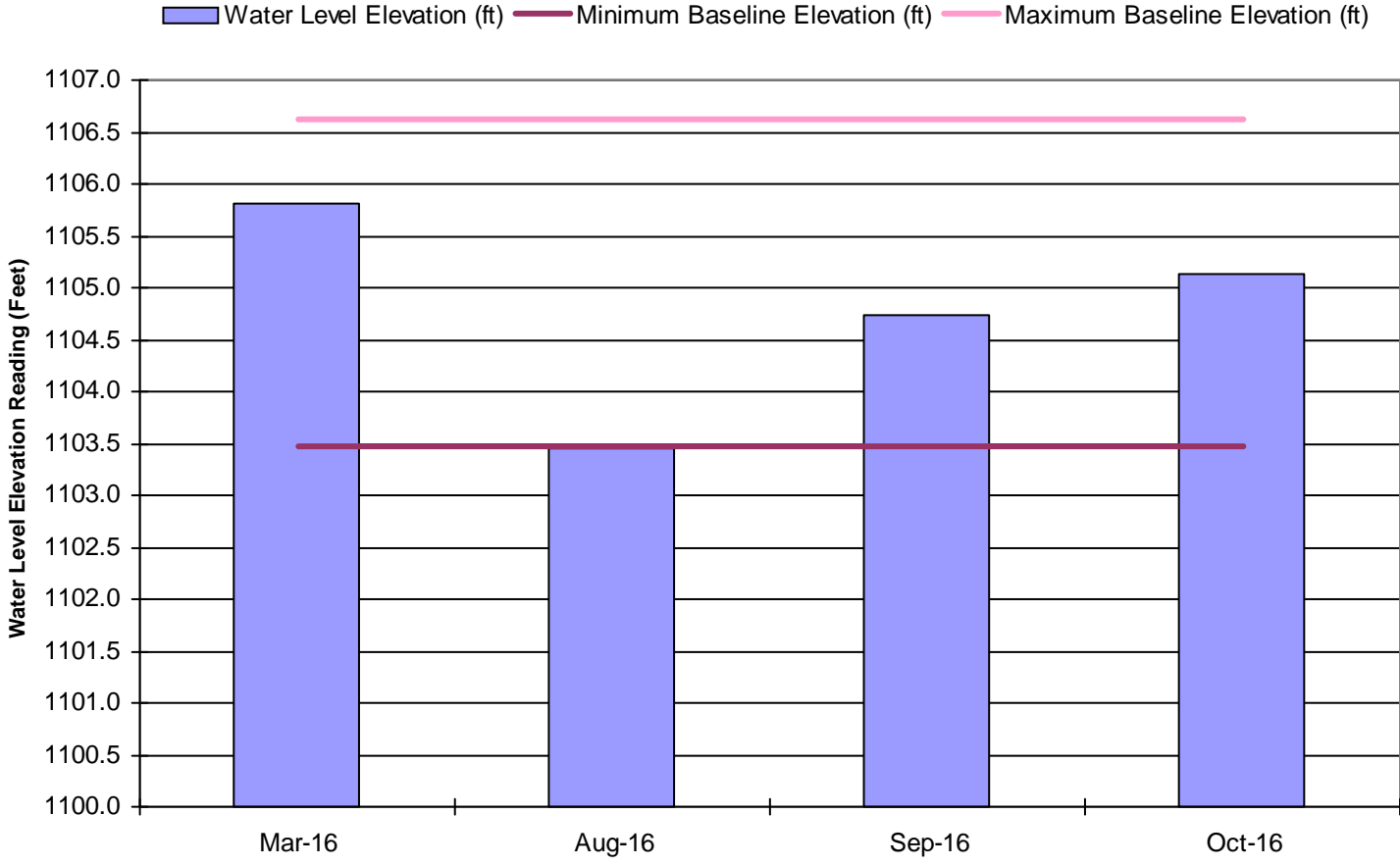
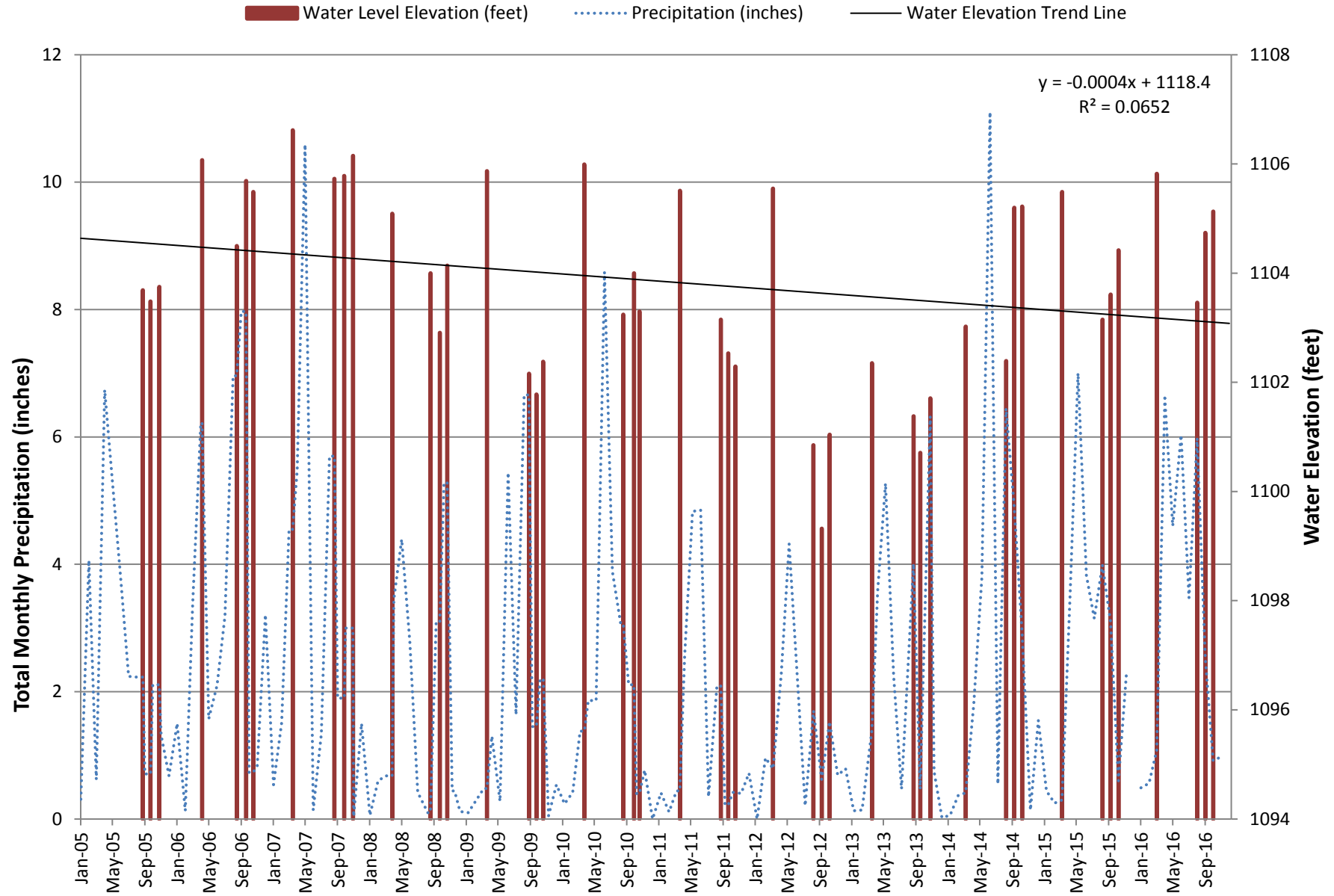


Figure 2 2005-2016 Water Elevations for DG-52 and Total Monthly Precipitation



DG-52-2
POND DG-52 PHOTOGRAPHS



Photograph 1: View of DG-52 looking west, March 23, 2016.



Photograph 2: View of DG-52 looking southwest, March 23, 2016.



Photograph 3: View of DG-52 looking northwest, March 23, 2016.



Photograph 4: View of DG-52 looking west, August 18, 2016.



Photograph 5: View of DG-52 looking southwest, August 18, 2016.



Photograph 6: View of DG-52 looking northwest, August 18, 2016.



Photograph 7: View of DG-52 looking west, September 23, 2016.



Photograph 8: View of DG-52 looking southwest, September 23, 2016.



Photograph 9: View of DG-52 looking northwest, September 23, 2016.



Photograph 10: View of DG-52 looking west, October 20, 2016.



Photograph 11: View of DG-52 looking southwest, October 20, 2016.



Photograph 12: View of DG-52 looking northwest, October 20, 2016.

DG-52-3
POND DG-52 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: DG52

Permanent Benchmark Elevation (feet): 1,111.40

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,105.82
8/18/2016	1,103.46
9/23/2016	1,104.74
10/20/2016	1,105.13

**APPENDIX II - SAUNDERS COUNTY BATHYMETRIC MONITORING DATA BY
POND (FIGURES, PHOTOGRAPHS, AND DATA SHEETS)**

SAUNDERS COUNTY BONFERONNI-CORRECTED P VALUES

Table 1 Bonferonni-Corrected p Values Between 2016 and Baseline Saunders County Pond Water Elevations as Determined by a Repeated Measures ANOVA.

Pond Number	Baseline 2005	Baseline 2006	Baseline 2007
SN-16	0.867	0.470	1.000
SN-23	0.427	0.179	1.000
SN-24	0.253	0.918	1.000
SN-25	1.000	1.000	1.000
SN-26	1.000	1.000	0.384

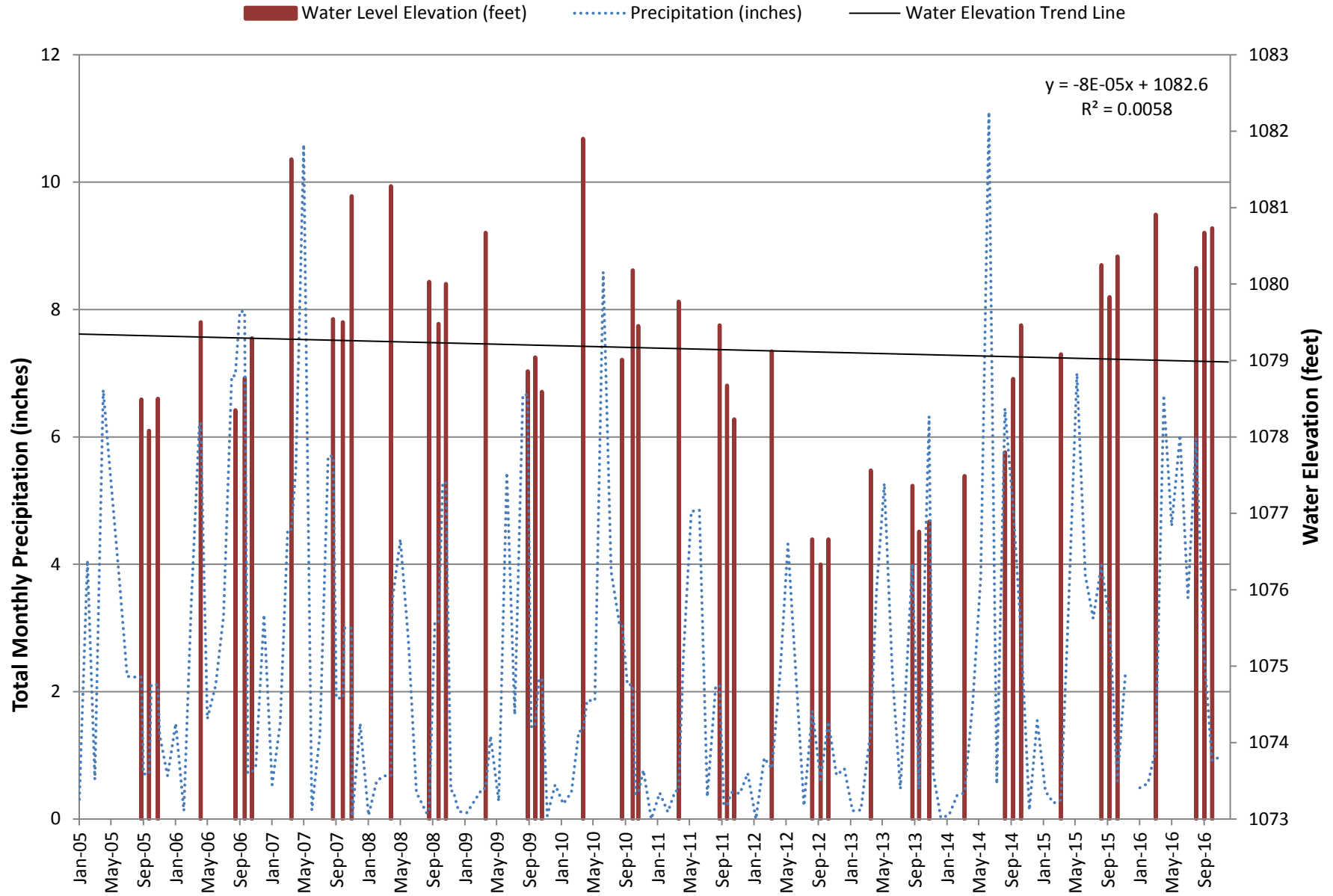
SN-16
BATHYMETRIC MONITORING DATA

SN-16-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond SN16



Figure 2 2005-2016 Water Elevations for SN-16 and Total Monthly Precipitation



SN-16-2
POND SN-16 PHOTOGRAPHS



Photograph 1: View of SN-16 looking southwest, March 23, 2016.



Photograph 2: View of SN-16 looking west, March 23, 2016.



Photograph 3: View of SN-16 looking northwest, March 23, 2016.



Photograph 4: View of SN-16 looking southwest, August 18, 2016.



Photograph 5: View of SN-16 looking west, August 18, 2016.



Photograph 6: View of SN-16 looking northwest, August 18, 2016.



Photograph 7: View of SN-16 looking southwest, September 23, 2016.



Photograph 8: View of SN-16 looking west, September 23, 2016.



Photograph 9: View of SN-16 looking northwest, September 23, 2016.



Photograph 10: View of SN-16 looking southwest, October 20, 2016.



Photograph 11: View of SN-16 looking west, October 20, 2016.



Photograph 12: View of SN-16 looking northwest, October 20, 2016.

SN-16-3
POND SN-16 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: SN16

Permanent Benchmark Elevation (feet): 1,089.78

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,080.91
8/18/2016	1,080.21
9/23/2016	1,080.67
10/20/2016	1,080.73

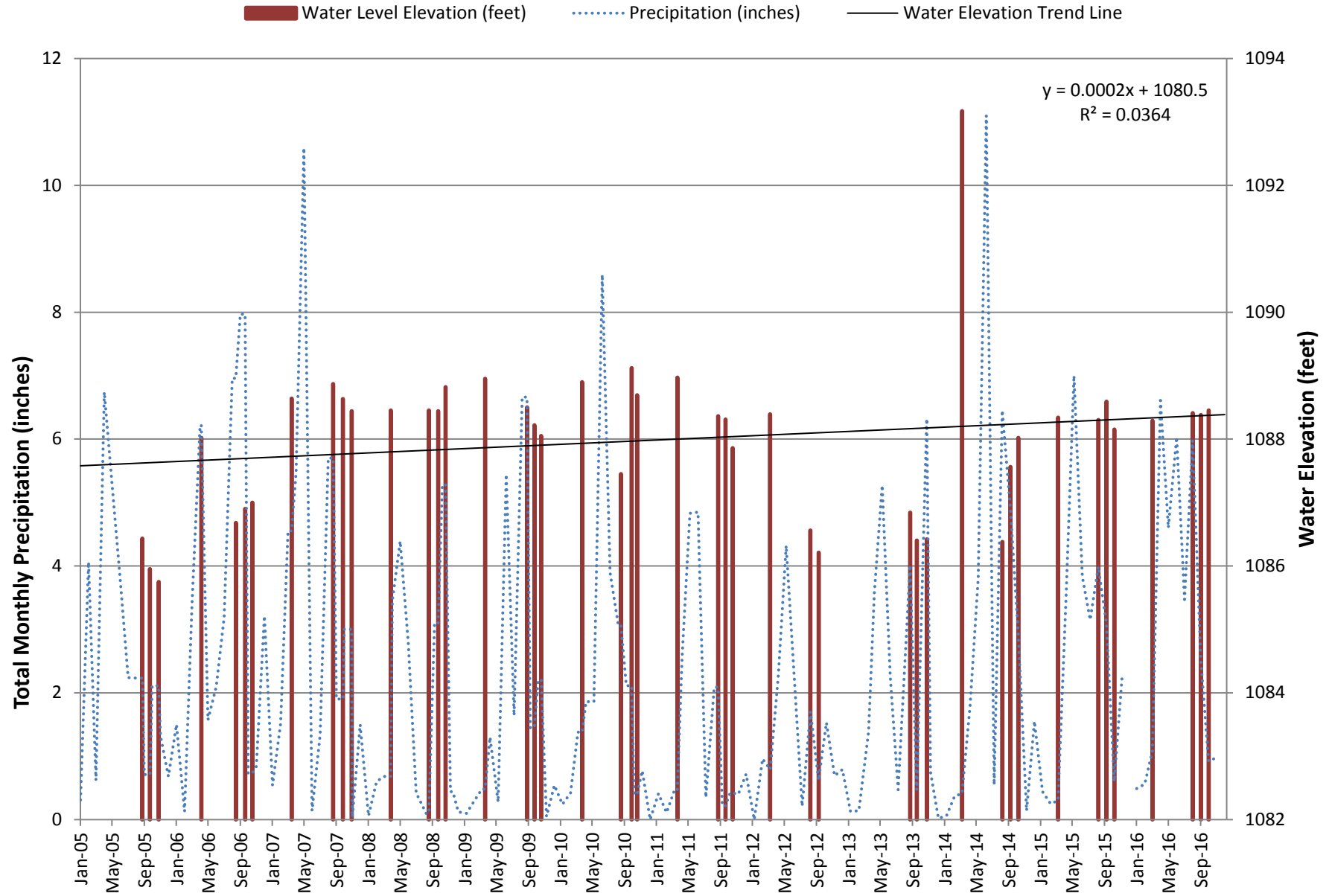
SN-23
BATHYMETRIC MONITORING DATA

SN-23-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond SN23



Figure 2 2005-2016 Water Elevations for SN-23 and Total Monthly Precipitation



SN-23-2
POND SN-23 PHOTOGRAPHS



Photograph 1: View of SN-23 looking south, March 23, 2016.



Photograph 2: View of SN-23 looking east, March 23, 2016.



Photograph 3: View of SN-23 looking south, August 18, 2016.



Photograph 4: View of SN-23 looking east, August 18, 2016.



Photograph 5: View of SN-23 looking south, September 23, 2016.



Photograph 6: View of SN-23 looking east, September 23, 2016.



Photograph 7: View of SN-23 looking south, October 20, 2016.



Photograph 8: View of SN-23 looking east, October 20, 2016.

SN-23-3
POND SN-23 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: SN23

Permanent Benchmark Elevation (feet): 1,093.17

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,088.29
8/18/2016	1,088.41
9/23/2016	1,088.38
10/20/2016	1,088.45

SN-24
BATHYMETRIC MONITORING DATA

SN-24-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond SN24

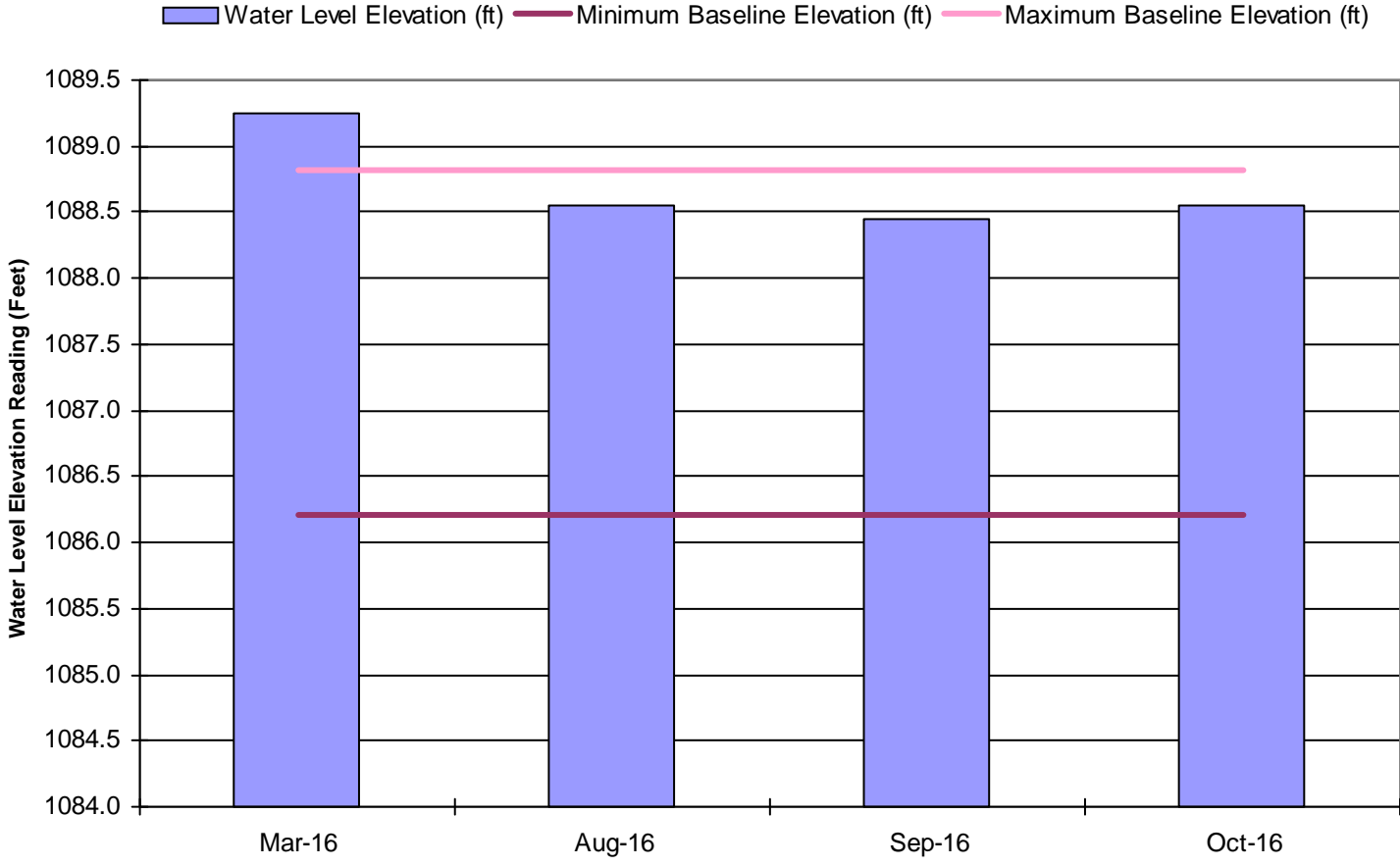
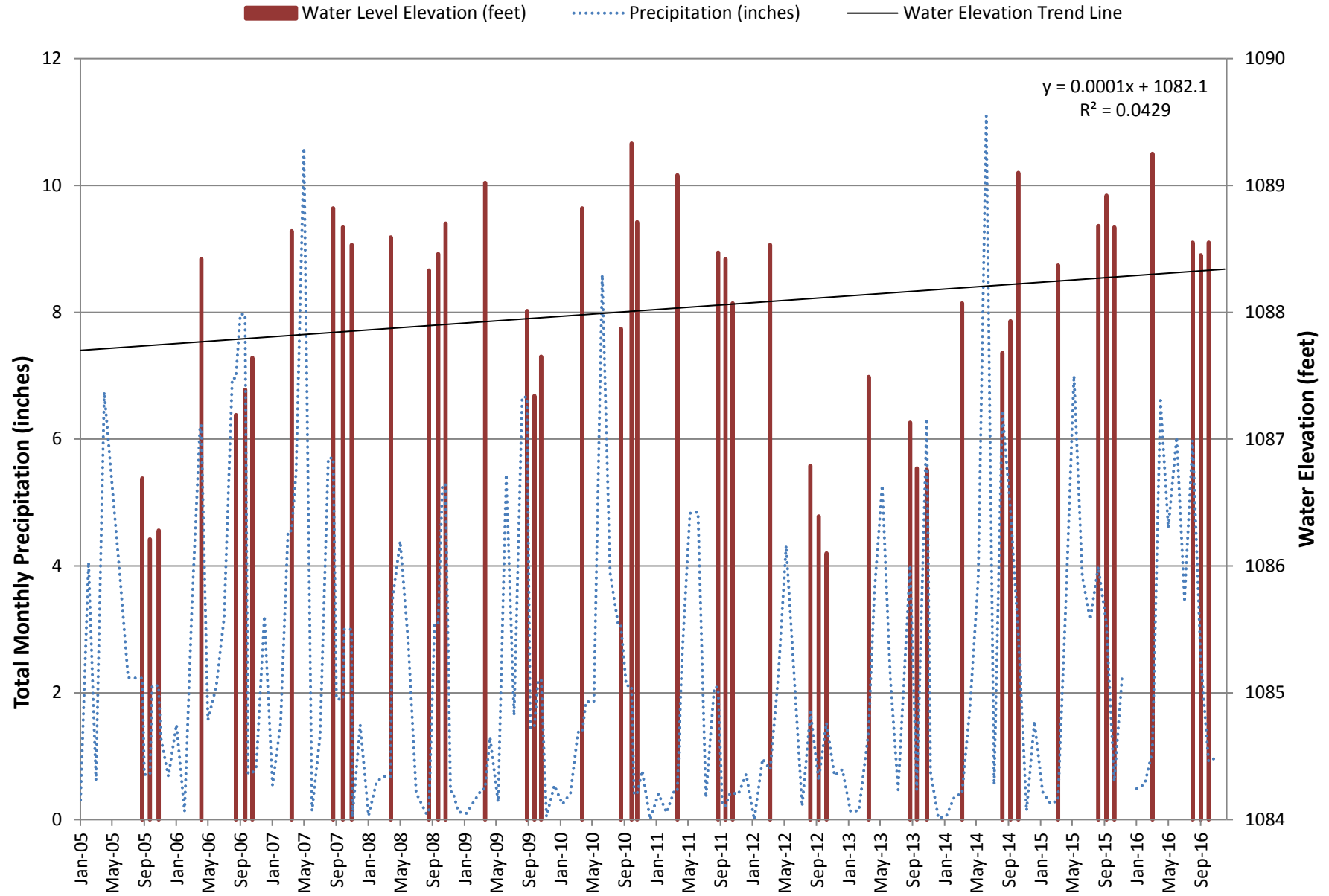


Figure 2 2005-2016 Water Elevations for SN-24 and Total Monthly Precipitation



SN-24-2
POND SN-24 PHOTOGRAPHS



Photograph 1: View of SN-24 looking northeast, March 23, 2016.



Photograph 2: View of SN-24 looking southeast, March 23, 2016.



Photograph 3: View of SN-24 looking northeast, August 18, 2016.



Photograph 4: View of SN-24 looking southeast, August 18, 2016.



Photograph 5: View of SN-24 looking northeast, September 23, 2016.



Photograph 6: View of SN-24 looking southeast, September 23, 2016.



Photograph 7: View of SN-24 looking northeast, October 20, 2016.



Photograph 8: View of SN-24 looking southeast, October 20, 2016.

SN-24-3
POND SN-24 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: SN24

Permanent Benchmark Elevation (feet): 1,093.03

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,089.25
8/18/2016	1,088.55
9/23/2016	1,088.45
10/20/2016	1,088.55

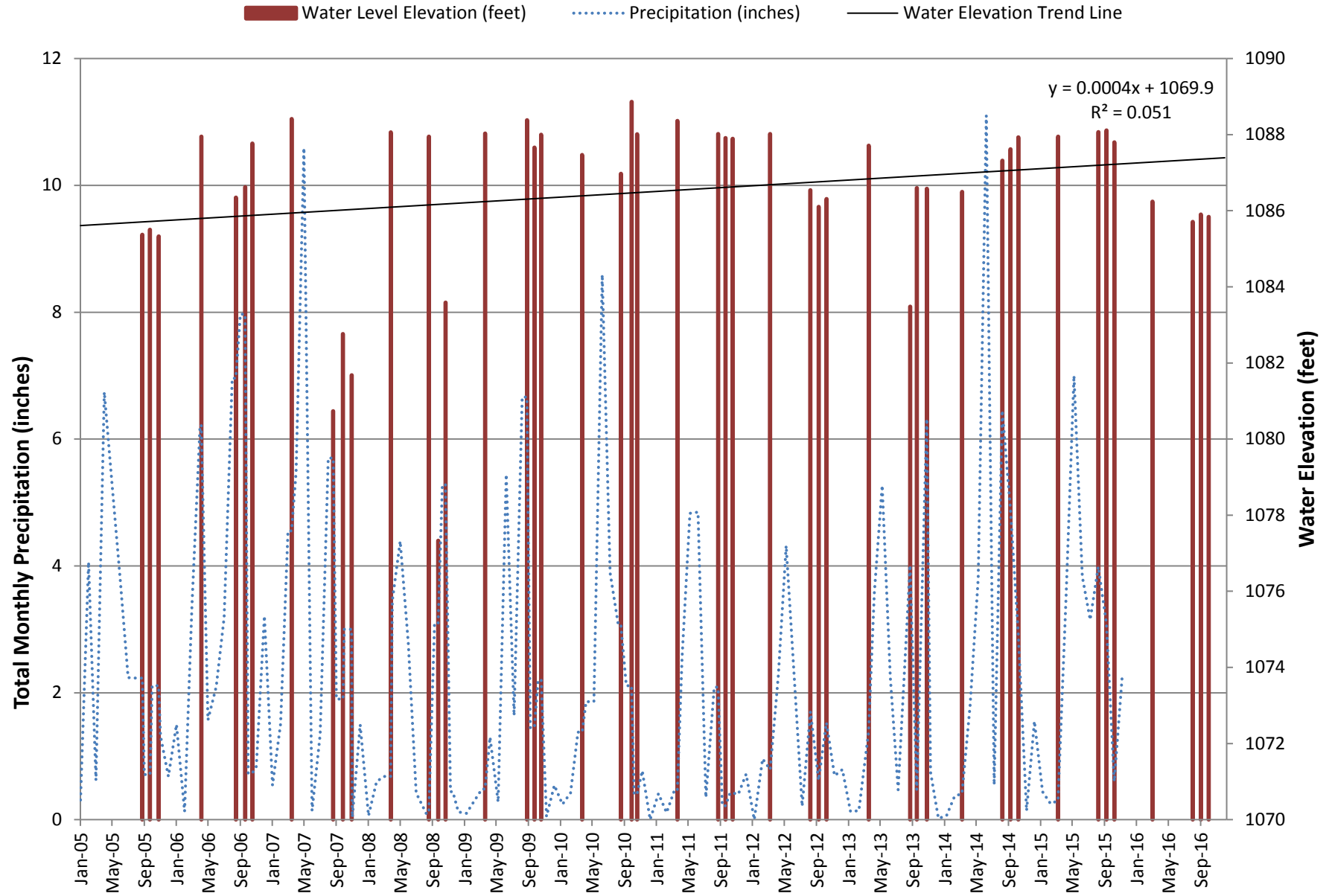
SN-25
BATHYMETRIC MONITORING DATA

SN-25-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond SN25



Figure 2 2005-2016 Water Elevations for SN-25 and Total Monthly Precipitation



SN-25-2
POND SN-25 PHOTOGRAPHS



Photograph 1: View of SN-25 looking north, March 23, 2016.



Photograph 2: View of SN-25 looking northwest, March 23, 2016.



Photograph 3: View of SN-25 looking north, August 18, 2016.



Photograph 4: View of SN-25 looking northwest, August 18, 2016.



Photograph 5: View of SN-25 looking north, September 23, 2016.



Photograph 6: View of SN-25 looking northwest, September 23, 2016.



Photograph 7: View of SN-25 looking north, October 20, 2016.



Photograph 8: View of SN-25 looking northwest, October 20, 2016.

SN-25-3
POND SN-25 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: SN25

Permanent Benchmark Elevation (feet): 1,089.81

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,086.24
8/18/2016	1,085.71
9/23/2016	1,085.90
10/20/2016	1,085.84

SN-26
BATHYMETRIC MONITORING DATA

SN-26-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond SN26

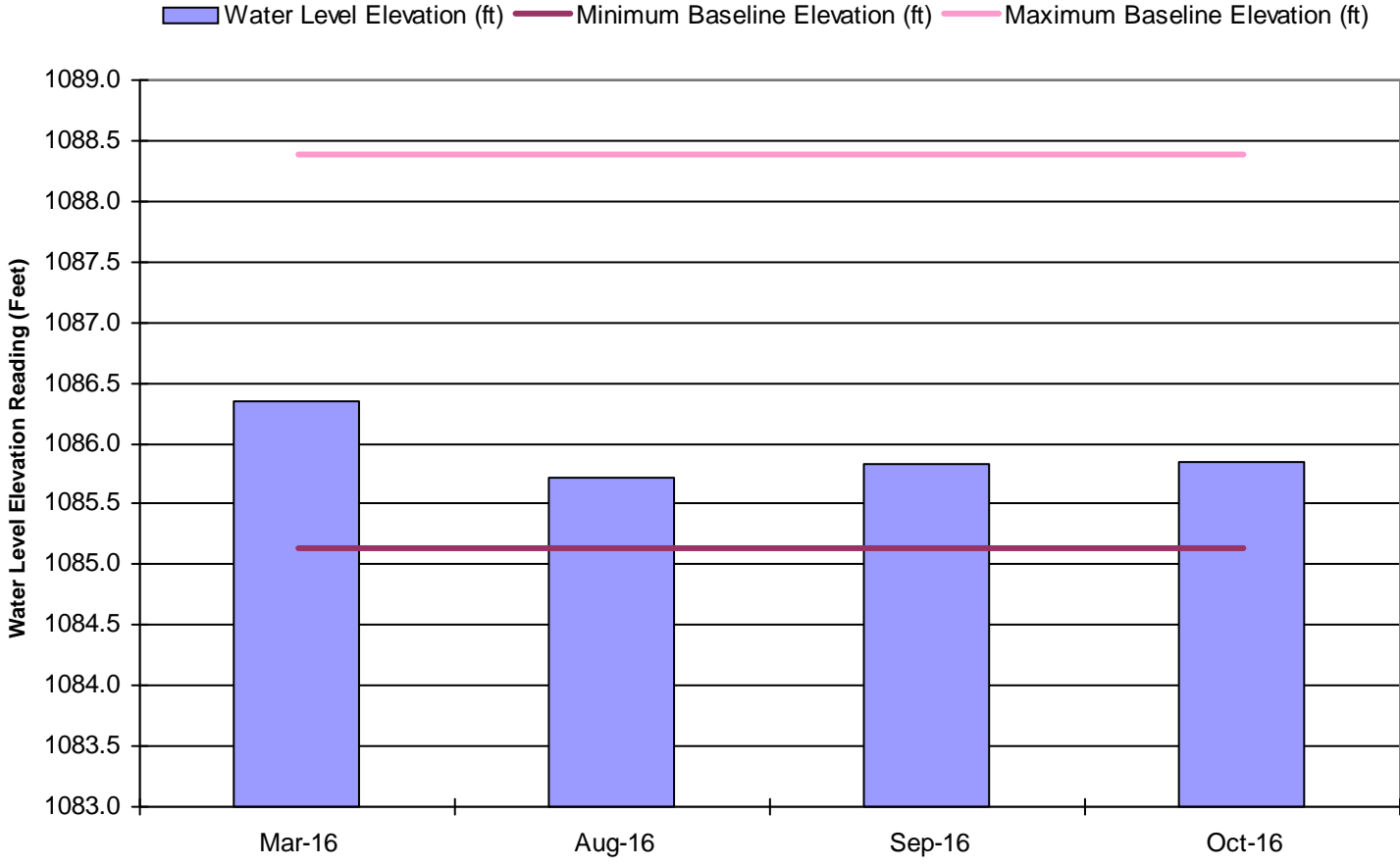
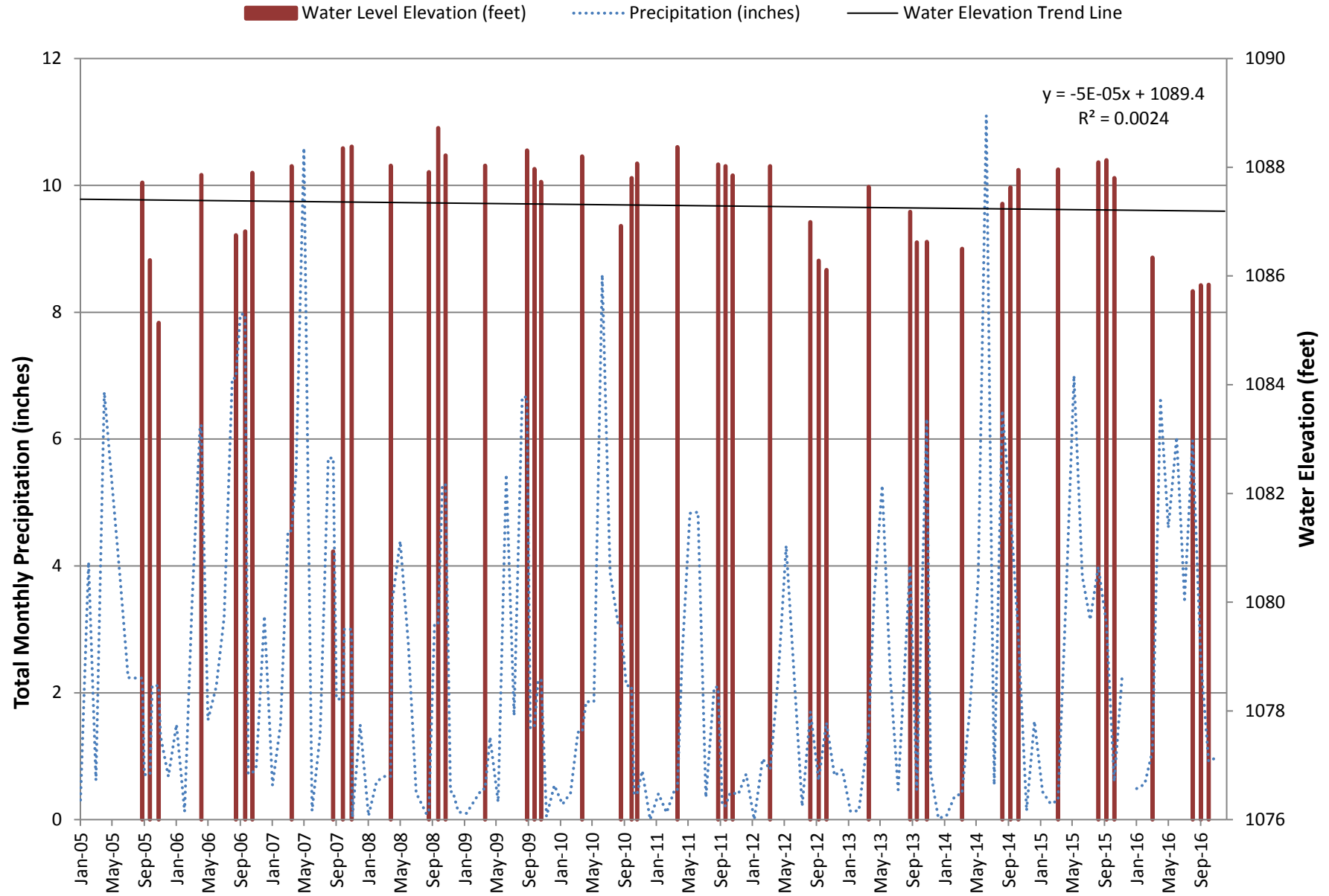


Figure 2 2005-2016 Water Elevations for SN-26 and Total Monthly Precipitation



SN-26-2
POND SN-26 PHOTOGRAPHS



Photograph 1: View of SN-26 looking west, March 23, 2016.



Photograph 2: View of SN-26 looking west, August 18, 2016.



Photograph 3: View of SN-26 looking west, September 23, 2016.



Photograph 4: View of SN-26 looking west, October 20, 2016.

SN-26-3
POND SN-26 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: SN26

Permanent Benchmark Elevation (feet): 1,089.81

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,086.34
8/18/2016	1,085.72
9/23/2016	1,085.83
10/20/2016	1,085.84

SN-27
BATHYMETRIC MONITORING DATA

SN-27-1
FIGURES

Figure 1 Water Elevations with Baseline Minimum and Maximum Elevations for Pond SN27

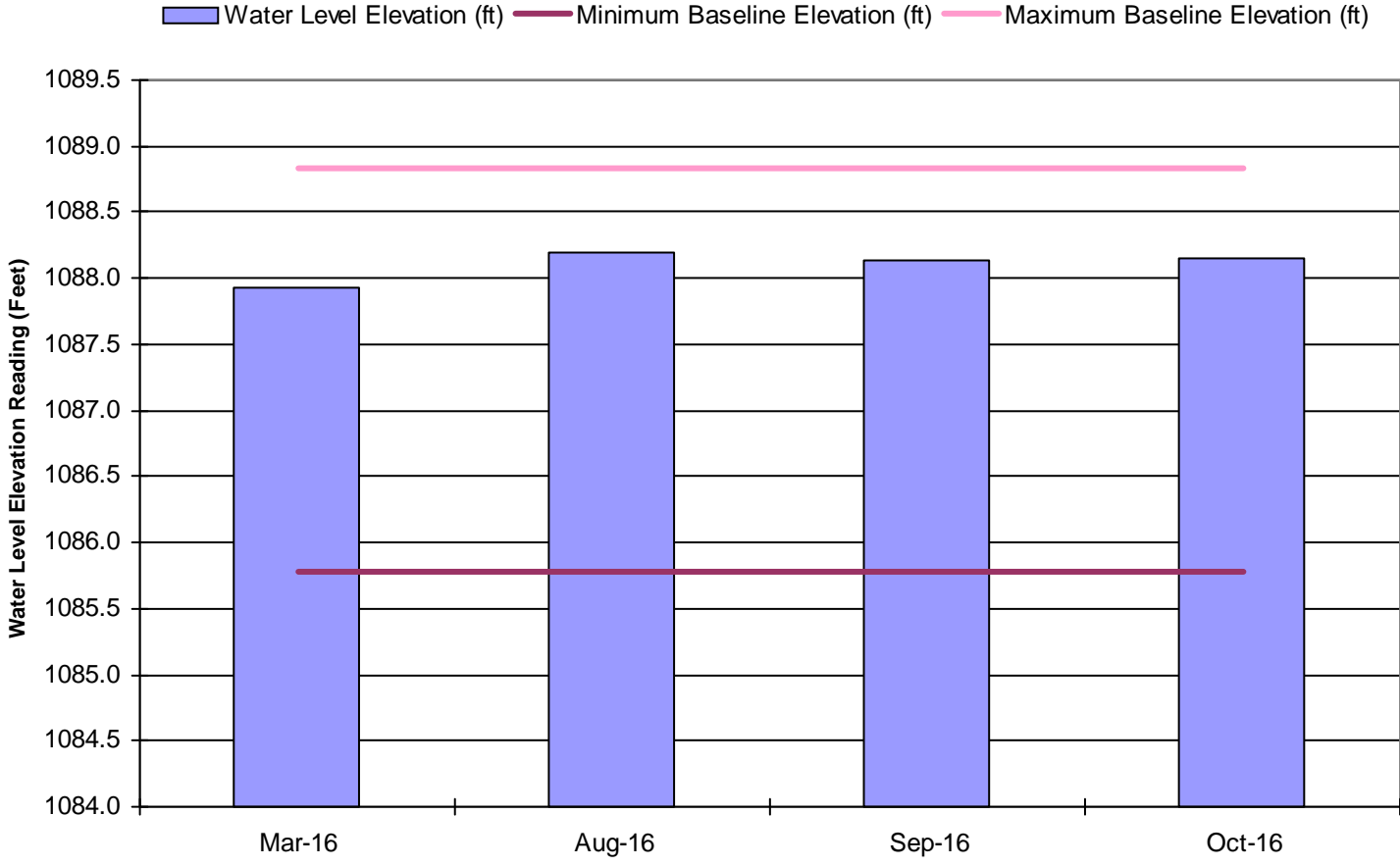
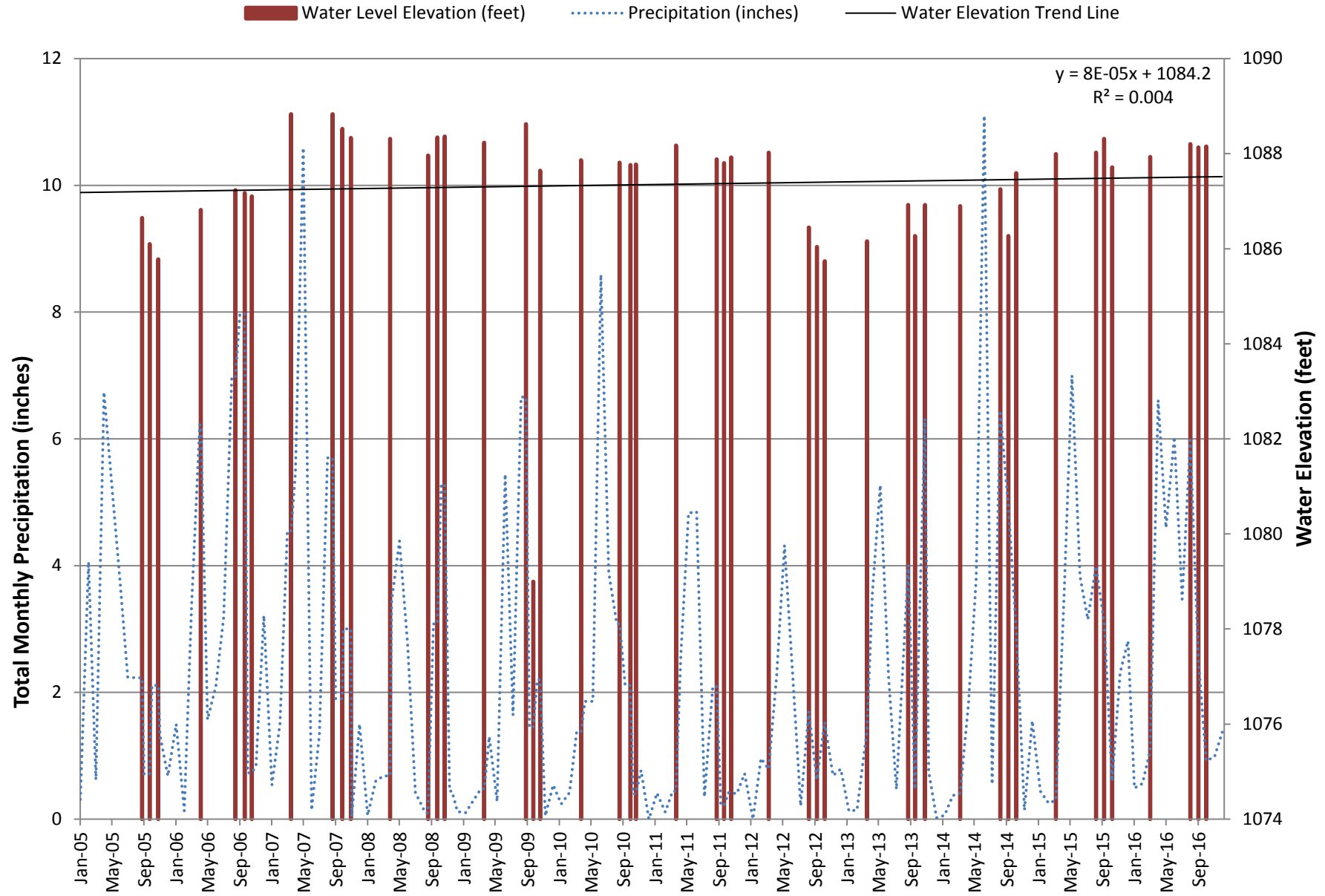


Figure 2 2005-2016 Water Elevations for SN-27 and Total Monthly Precipitation



SN-27-2
POND SN-27 PHOTOGRAPHS



Photograph 1: View of SN-27 looking south, March 23, 2016.



Photograph 2: View of SN-27 looking northwest, March 23, 2016.



Photograph 3: View of SN-27 looking south, August 18, 2016.



Photograph 4: View of SN-27 looking northwest, August 18, 2016.



Photograph 5: View of SN-27 looking south, September 23, 2016.



Photograph 6: View of SN-27 looking northwest, September 23, 2016.



Photograph 7: View of SN-27 looking south, October 20, 2016.



Photograph 8: View of SN-27 looking northwest, October 20, 2016.

SN-27-3
POND SN-27 WATER LEVEL READING DATA SHEET



Pond Water Level Reading Data Sheets

Pond #: SN27

Permanent Benchmark Elevation (feet): 1,093.14

<u>Date</u>	<u>Water Level Elevation (feet)</u>
3/23/2016	1,087.93
8/18/2016	1,088.20
9/23/2016	1,088.13
10/20/2016	1,088.15

APPENDIX III - HYDROLOGICAL DATA

APPENDIX III – SECTION A
GROUNDWATER MONITORING WELLS
TABLE OF CONTENTS

Figure 1	Monitoring Well Readings for MW 90-05 in Douglas County
Figure 2	Monitoring Well Readings for MW 90-06 in Douglas County
Figure 3	Monitoring Well Readings for MW 90-07 in Douglas County
Figure 4	Monitoring Well Readings for MW 90-10 in Saunders County
Figure 5	Monitoring Well Readings for MW 90-12 in Douglas County
Figure 6	Monitoring Well Readings for MW 90-13 in Douglas County
Figure 7	Monitoring Well Readings for MW 94-01 in Douglas County
Figure 8	Monitoring Well Readings for MW 94-02 in Douglas County
Figure 9	Monitoring Well Readings for MW 94-03 in Saunders County
Figure 10	Monitoring Well Readings for MW 94-04 in Saunders County
Figure 11	Monitoring Well Readings for MW 94-05 in Saunders County
Figure 12	Monitoring Well Readings for MW 94-06 in Saunders County
Figure 13	Monitoring Well Readings for MW 94-07 in Saunders County
Figure 14	Monitoring Well Readings for MW 04-17 in Saunders County
Figure 15	Monitoring Well Readings for MW 05-22 in Saunders County
Figure 16	Monitoring Well Readings for MW 05-23 in Saunders County
Figure 17	Monitoring Well Readings for MW 05-24 in Douglas County
Figure 18	Monitoring Well Readings for MW 05-25 in Douglas County
Figure 19	Monitoring Well Readings for MW 05-26 in Douglas County
Figure 20	Monitoring Well Readings for MW 06-28 in Douglas County
Figure 21	Monitoring Well Readings for MW 06-29 in Douglas County

Figure 1 Monitoring Well Readings for MW 90-05 in Douglas County

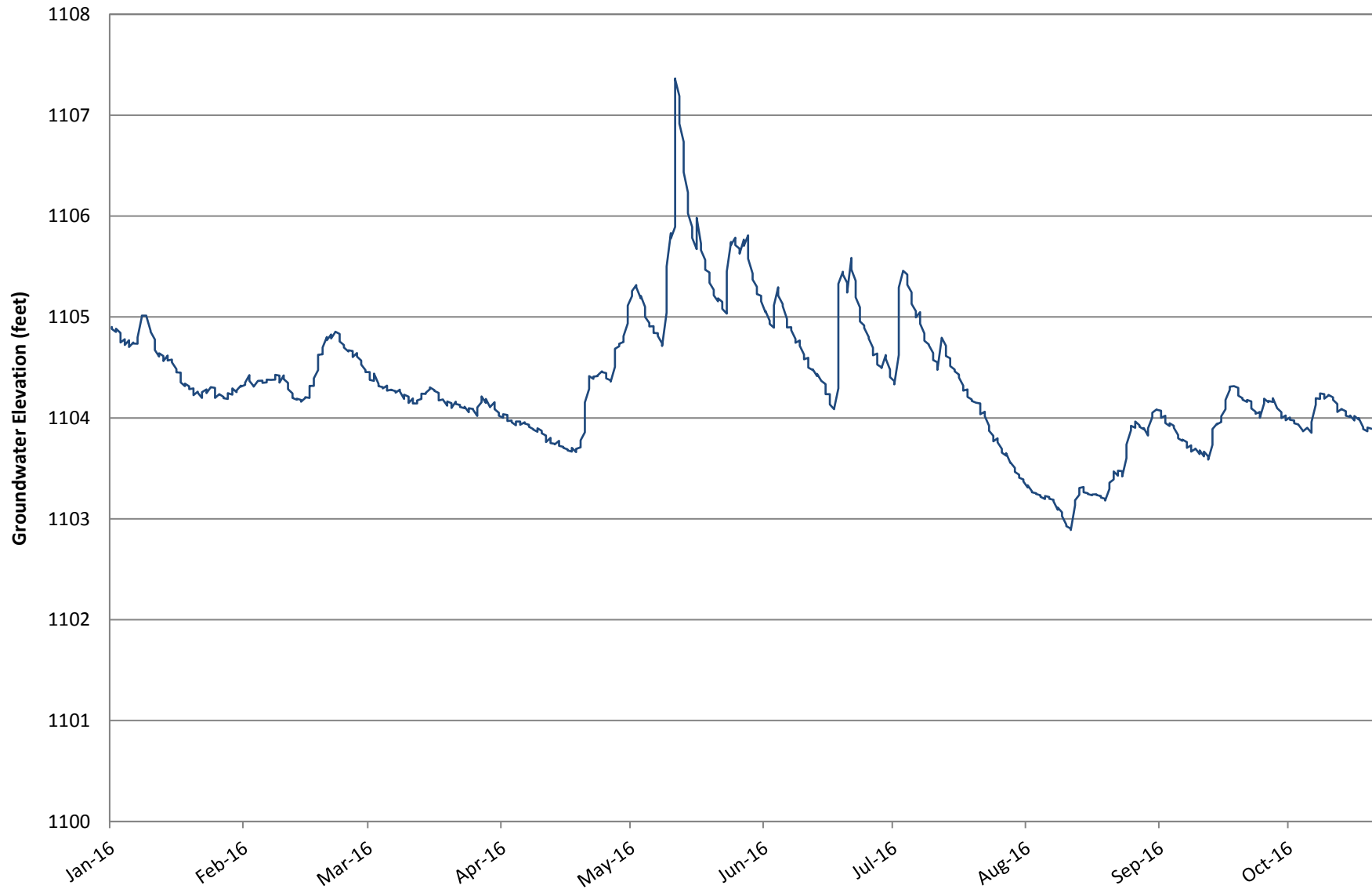
(January 1, 2016 thru October 20, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

Figure 2 Monitoring Well Readings for MW 90-06 in Douglas County

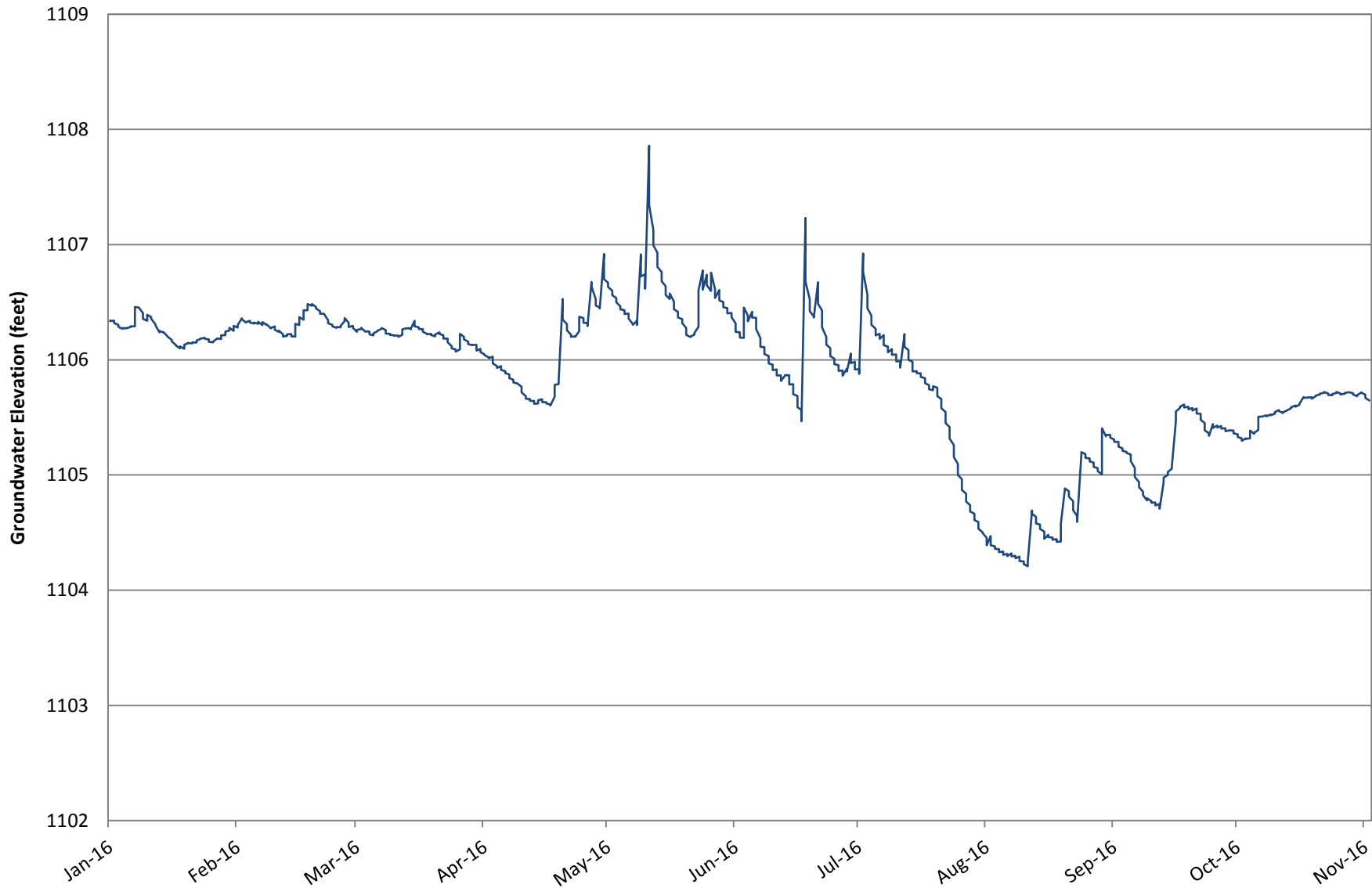
(January 1, 2016 thru October 20, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

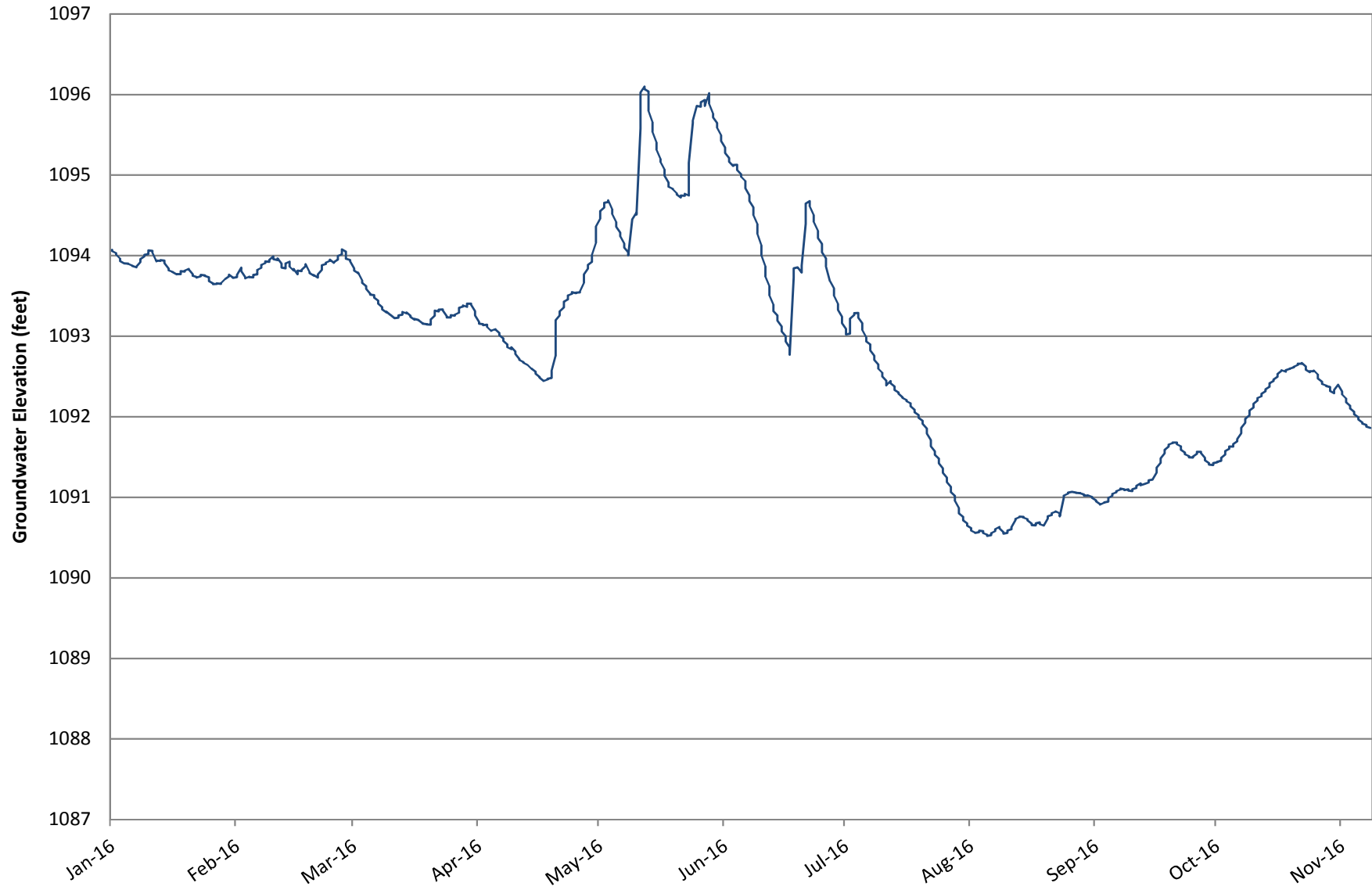
Figure 3 Monitoring Well Readings for MW 90-07 in Douglas County

(January 1, 2016 thru October 20, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

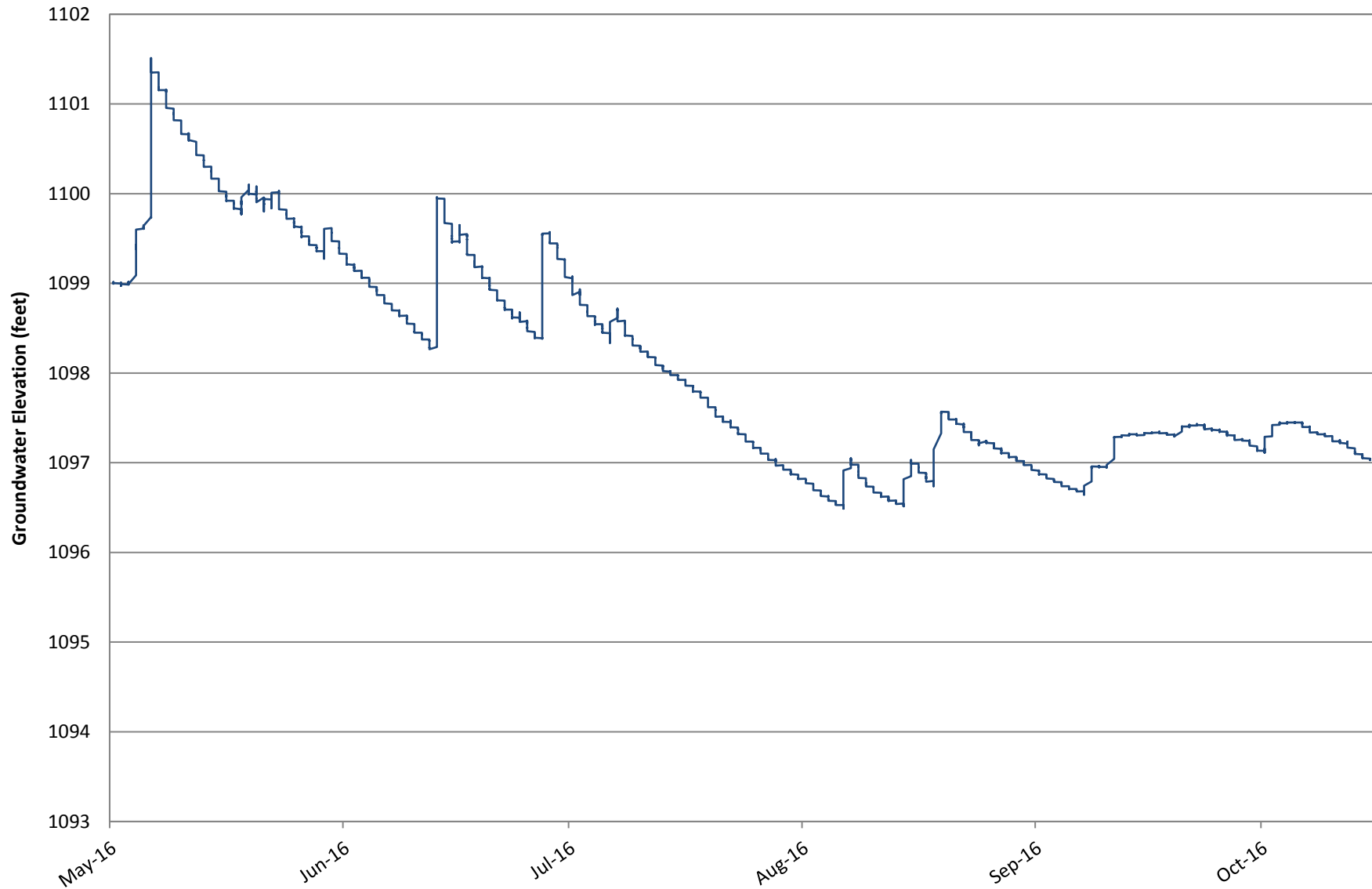
Figure 4 Monitoring Well Readings for MW 90-10 in Saunders County
(January 1, 2016 thru November 8, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

Figure 5 Monitoring Well Readings for MW 90-12 in Douglas County

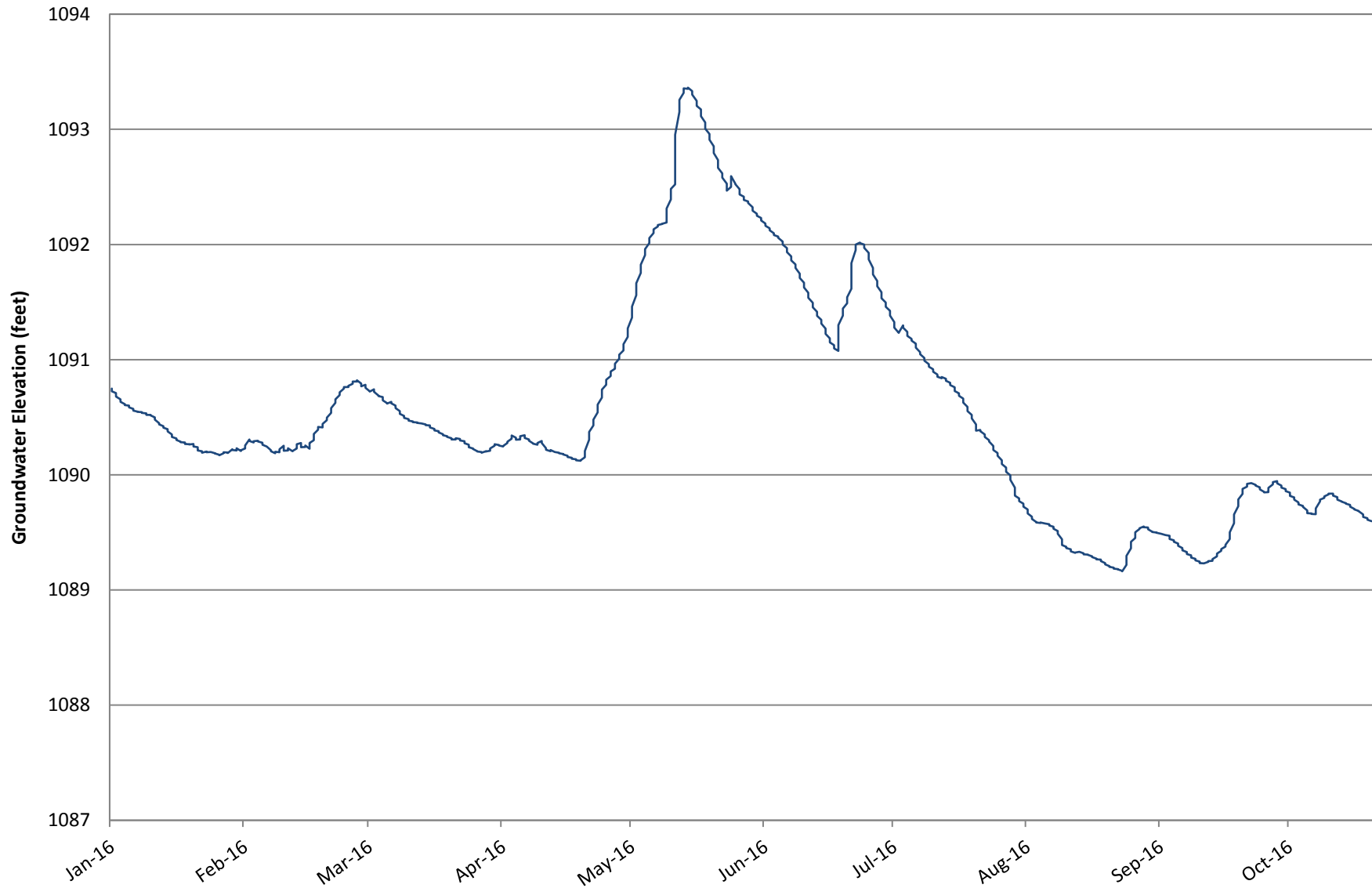
(May 6, 2016 thru October 20, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

Figure 6 Monitoring Well Readings for MW 90-13 in Douglas County

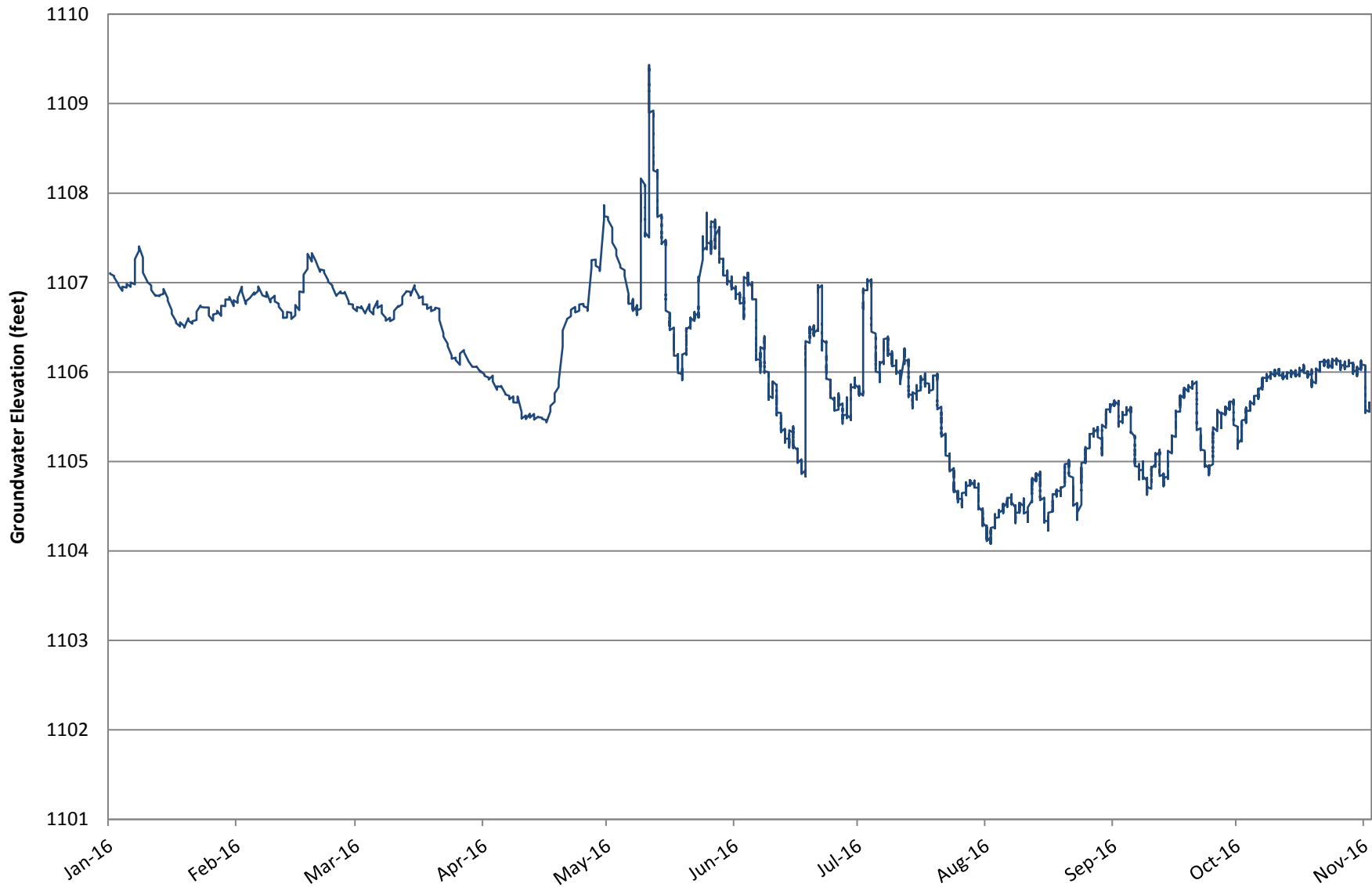
(January 1, 2016 thru October 20, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

Figure 7 Monitoring Well Readings for MW 94-01 in Douglas County

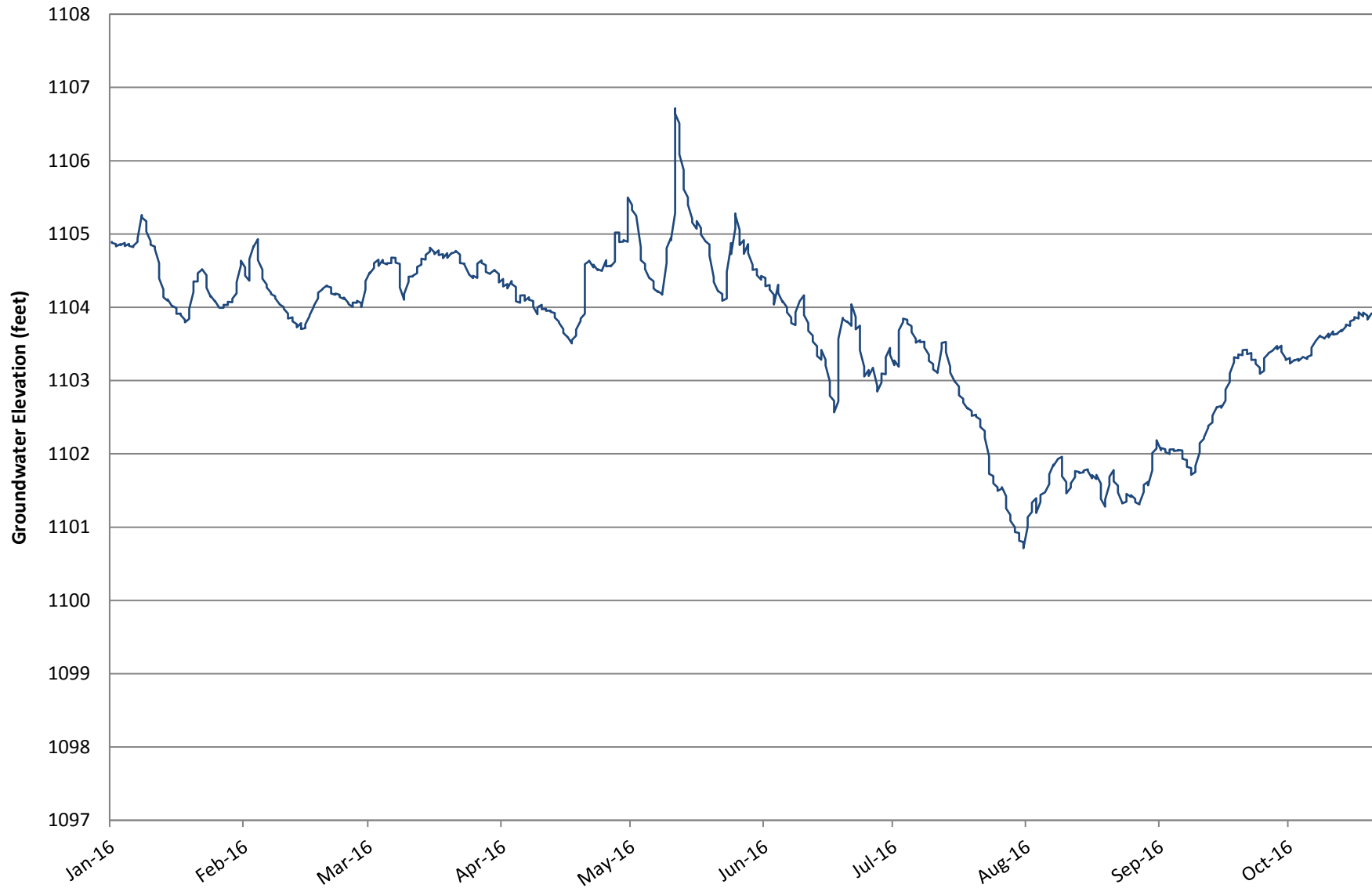
(January 1, 2016 thru November 2, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

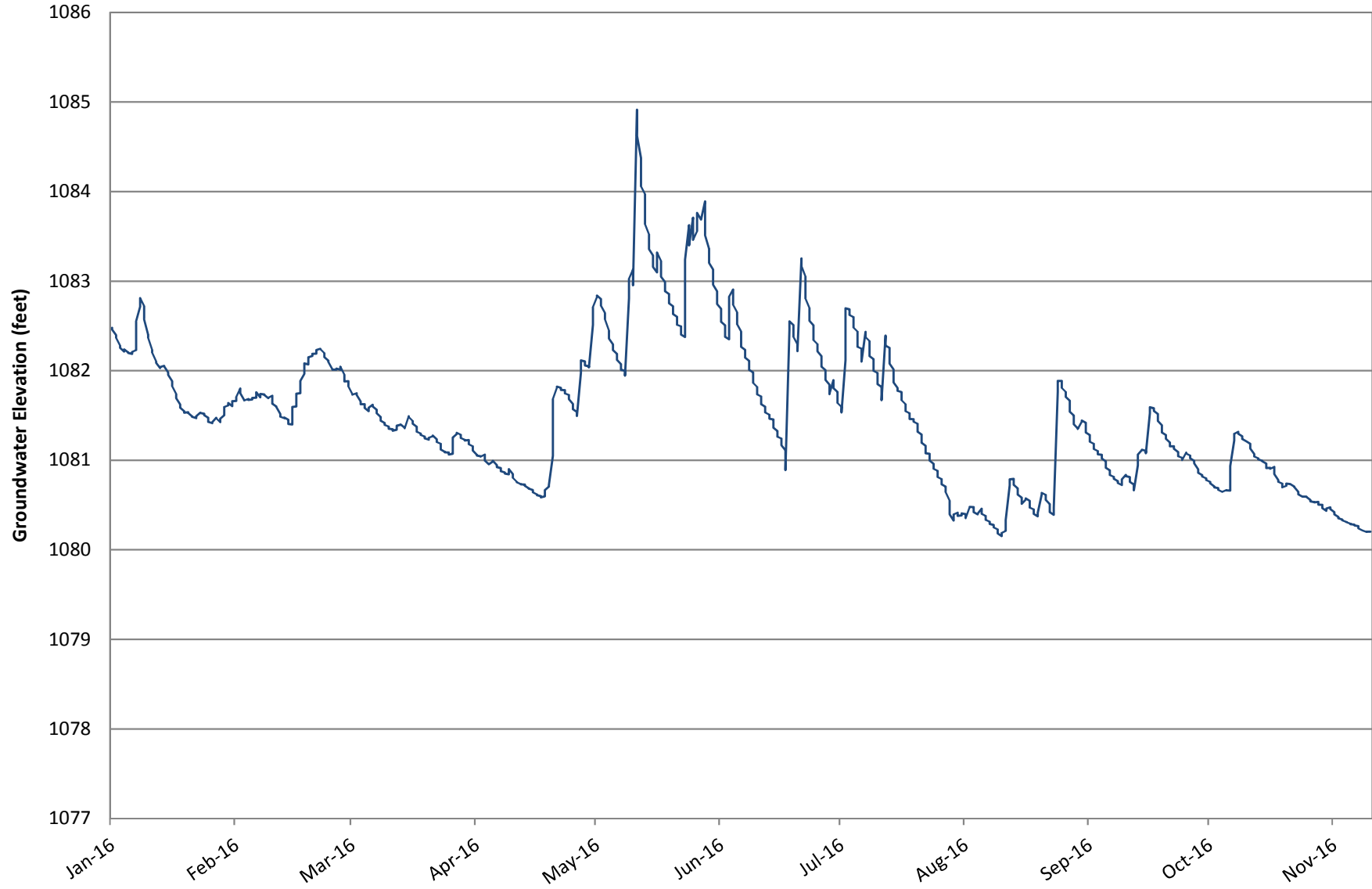
Figure 8 Monitoring Well Readings for MW 94-02 in Douglas County

(January 1, 2016 thru October 20, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

Figure 9 Monitoring Well Readings for MW 94-03 in Saunders County
(January 1, 2016 thru November 10, 2016)



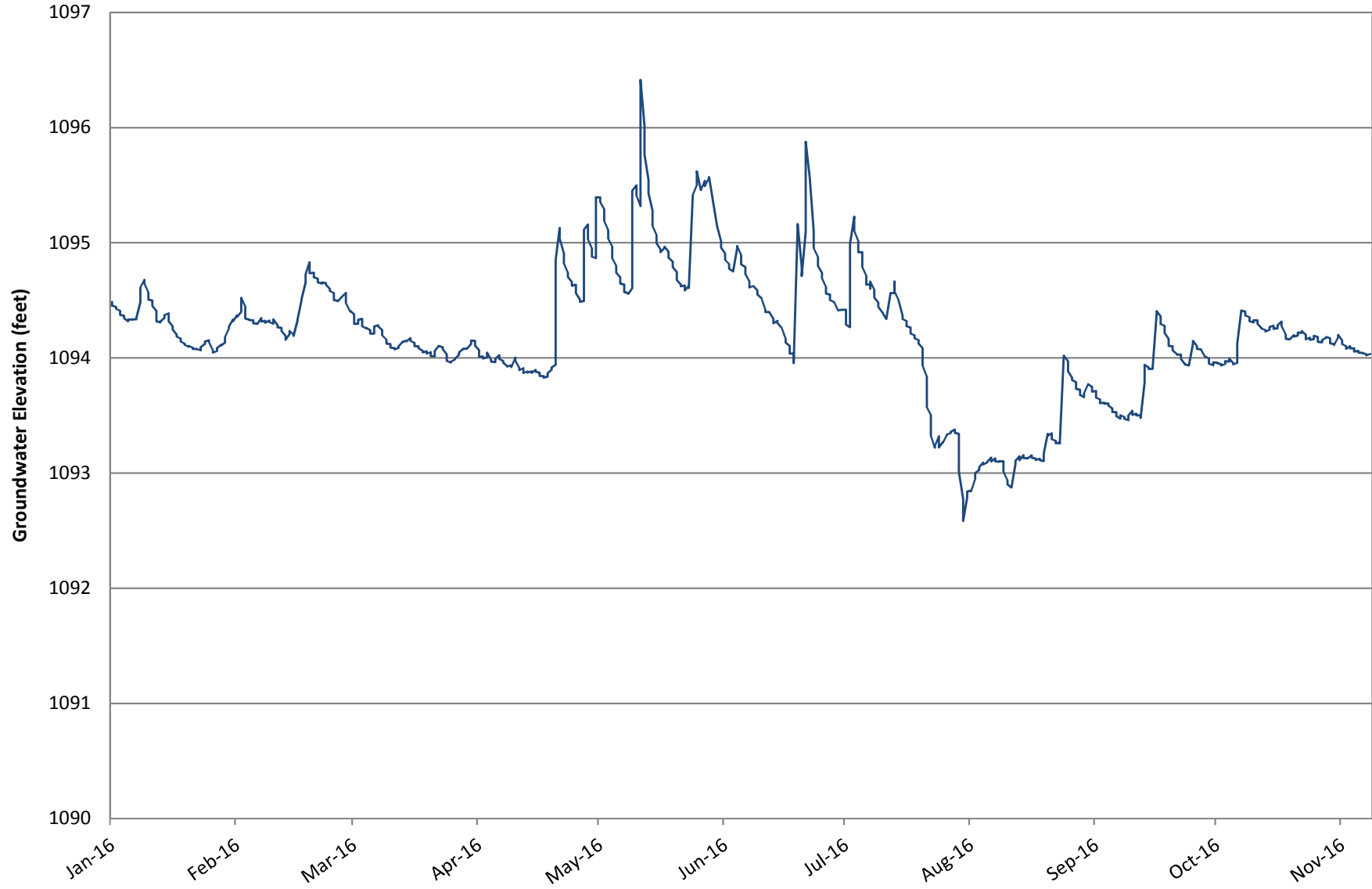
Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

Figure 10 Monitoring Well Readings for MW 94-04 in Saunders County
(January 1, 2016 thru November 8, 2016)



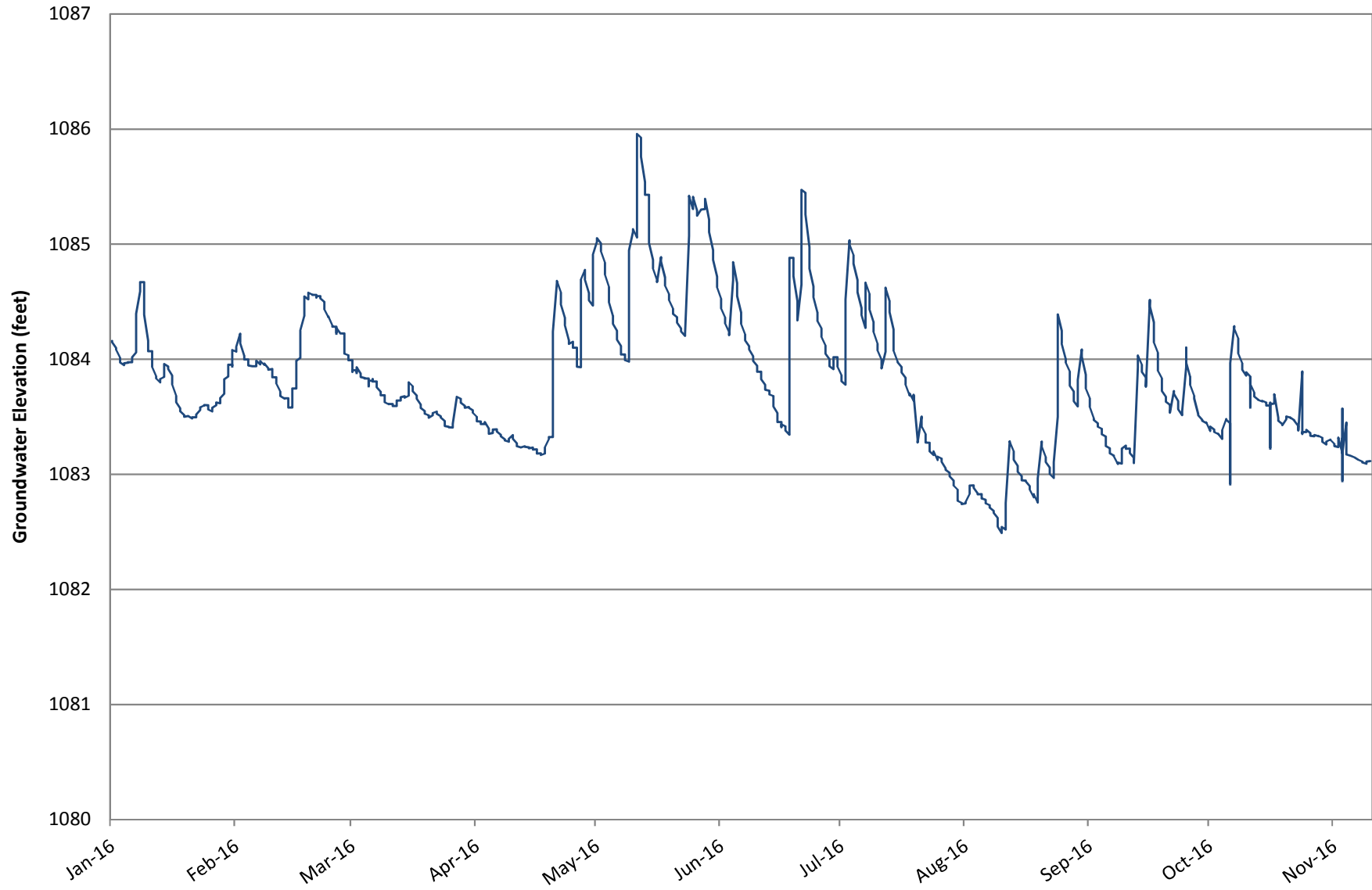
Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

Figure 11 Monitoring Well Readings for MW 94-05 in Saunders County
(January 1, 2016 thru November 8, 2016)



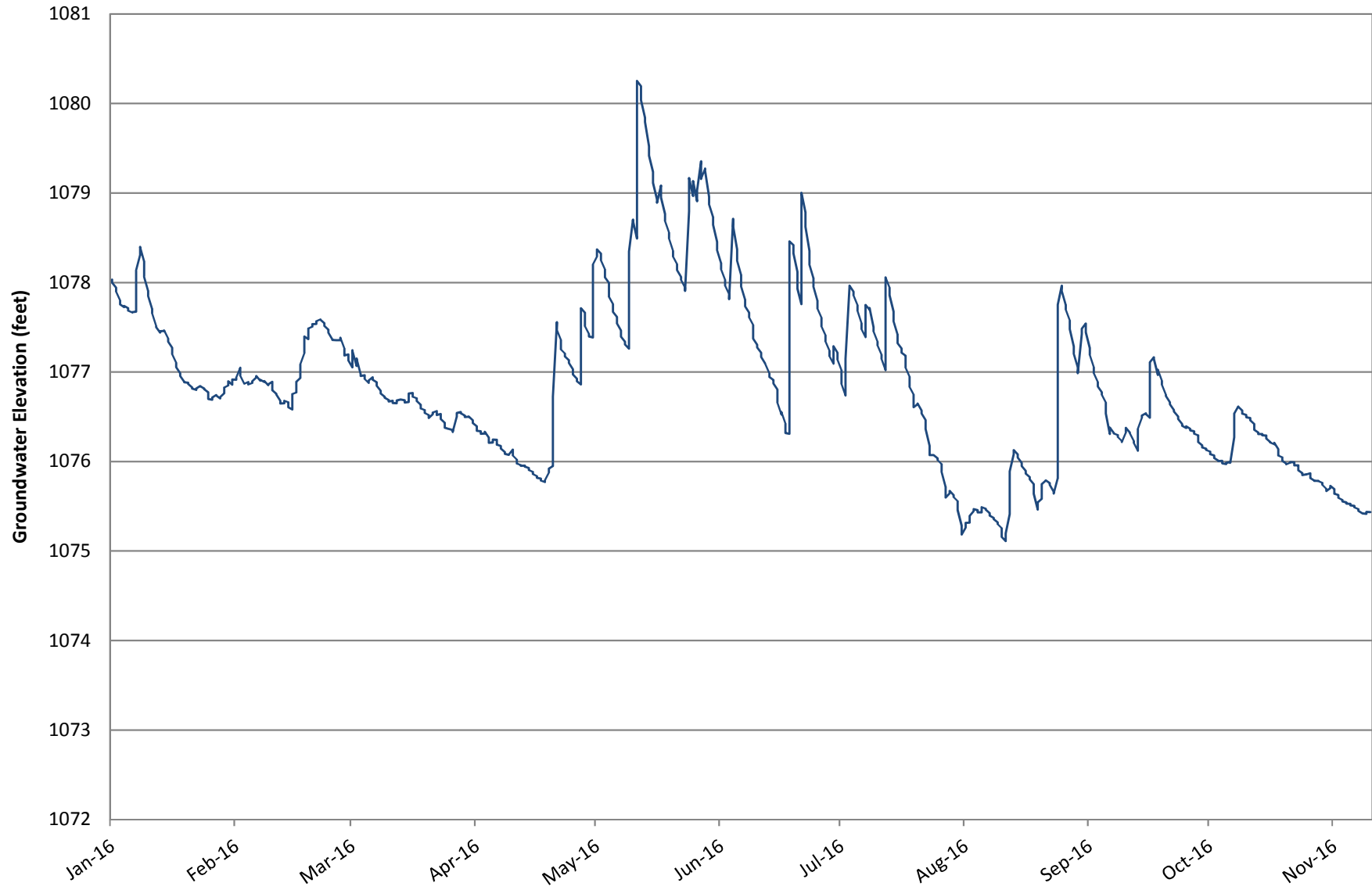
Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

Figure 12 Monitoring Well Readings for MW 94-06 in Saunders County
(January 1, 2016 thru November 10, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

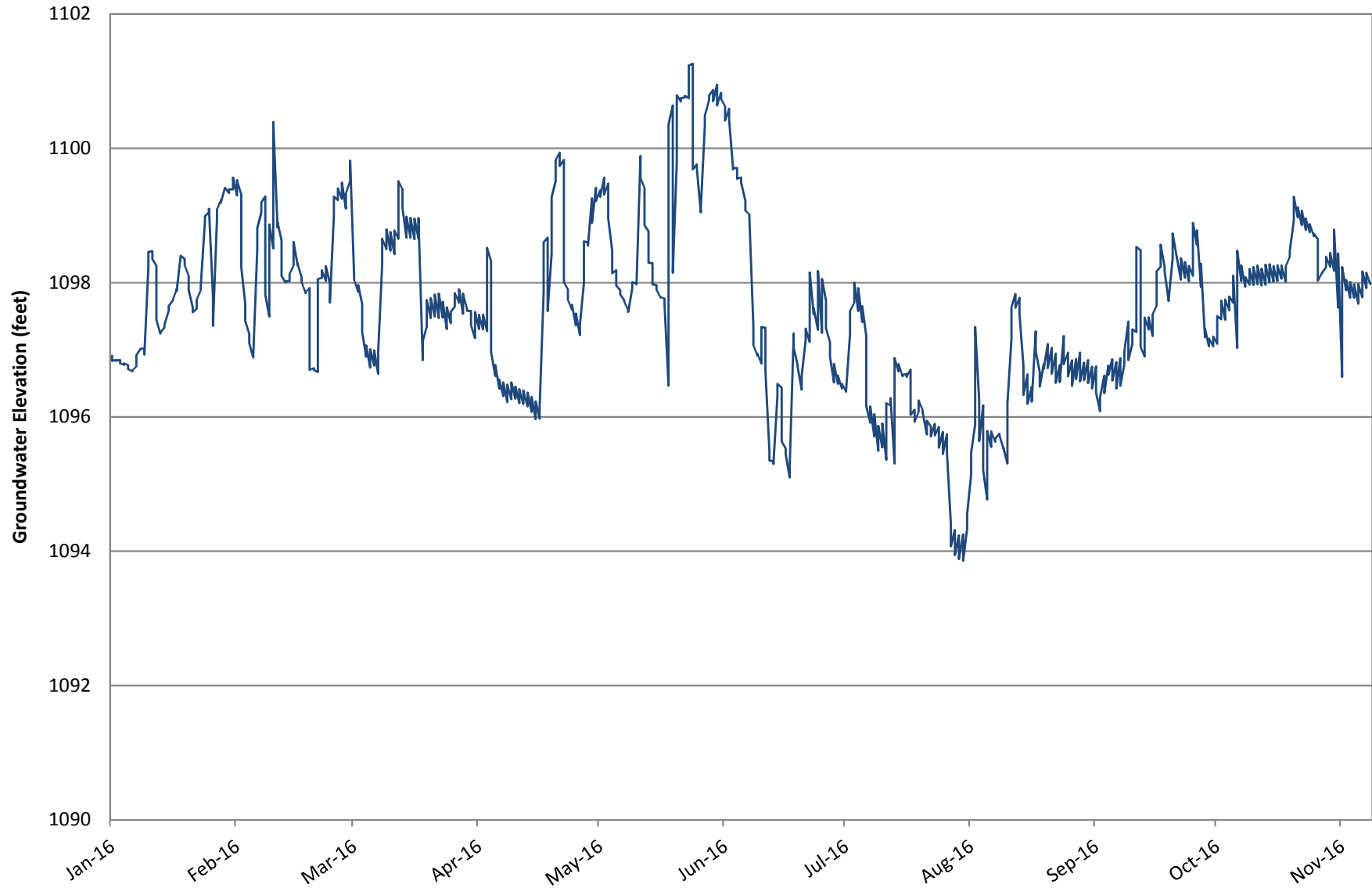
Figure 13 Monitoring Well Readings for MW 94-07 in Saunders County
(January 1, 2016 thru November 10, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

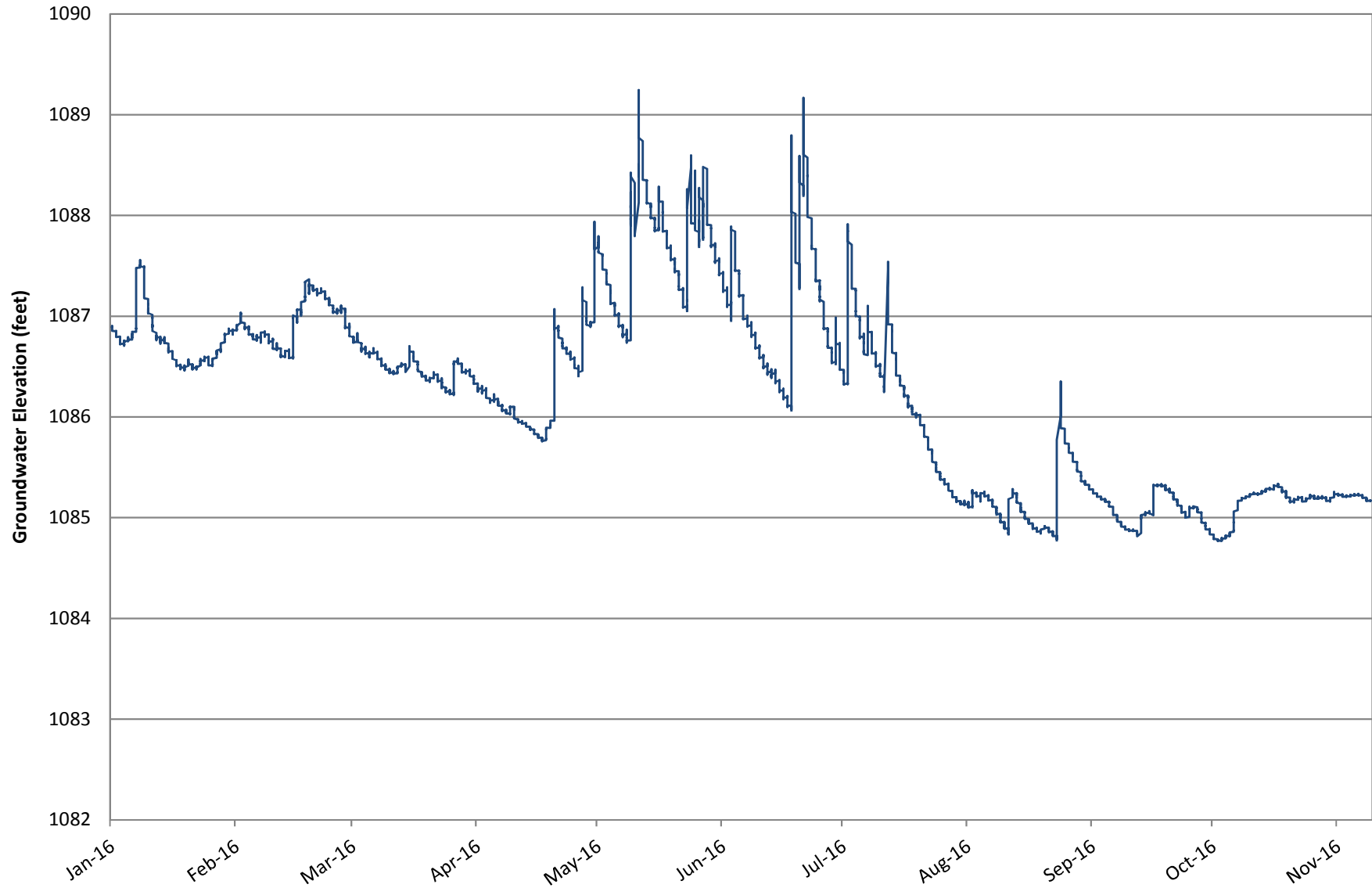
Figure 14 Monitoring Well Readings for MW 04-17 in Saunders County

(January 1, 2016 thru November 8, 2016)



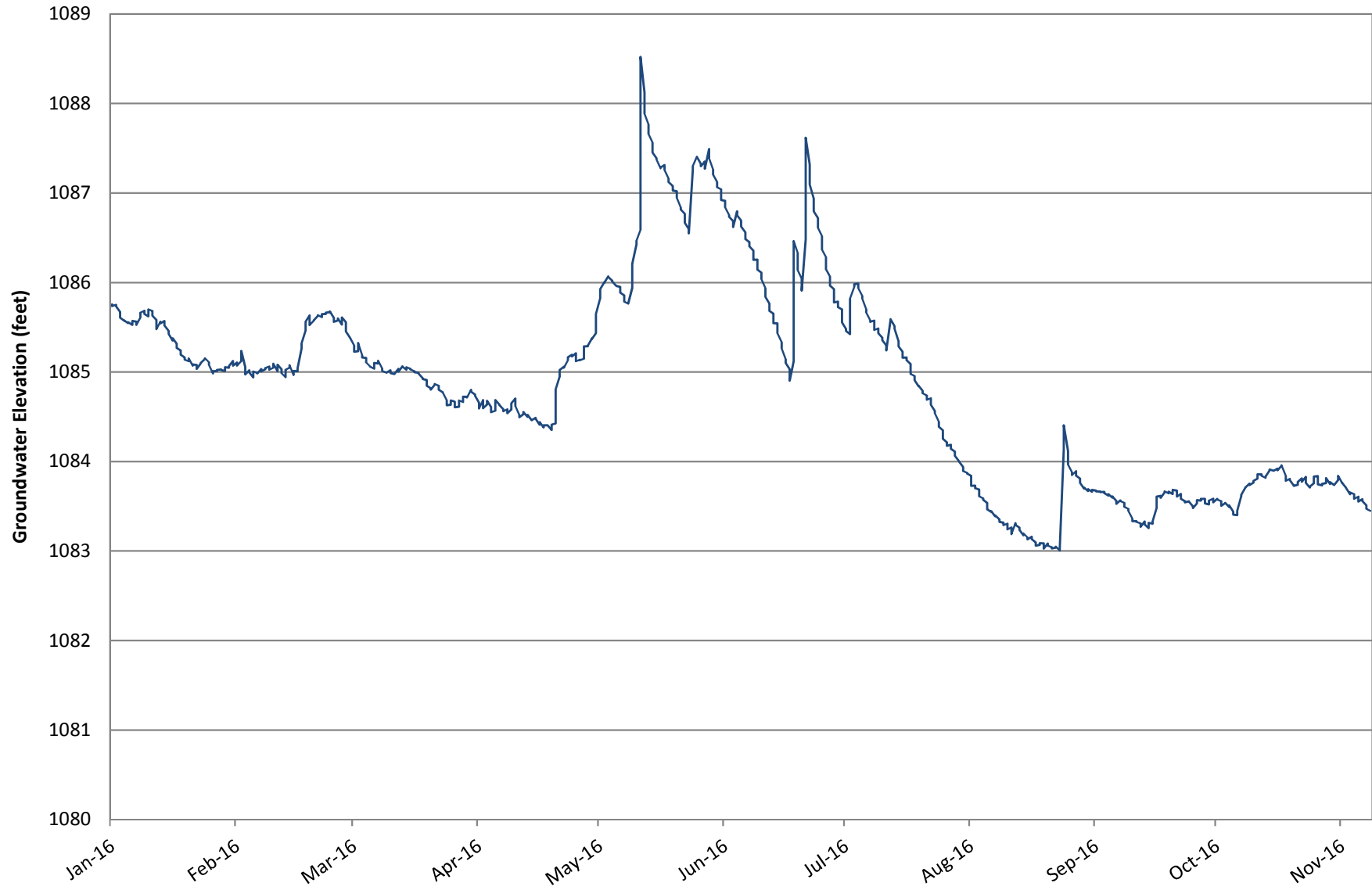
Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska; No data was available for 2016.

Figure 15 Monitoring Well Readings for MW 05-22 in Saunders County
(January 1, 2016 thru November 9, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

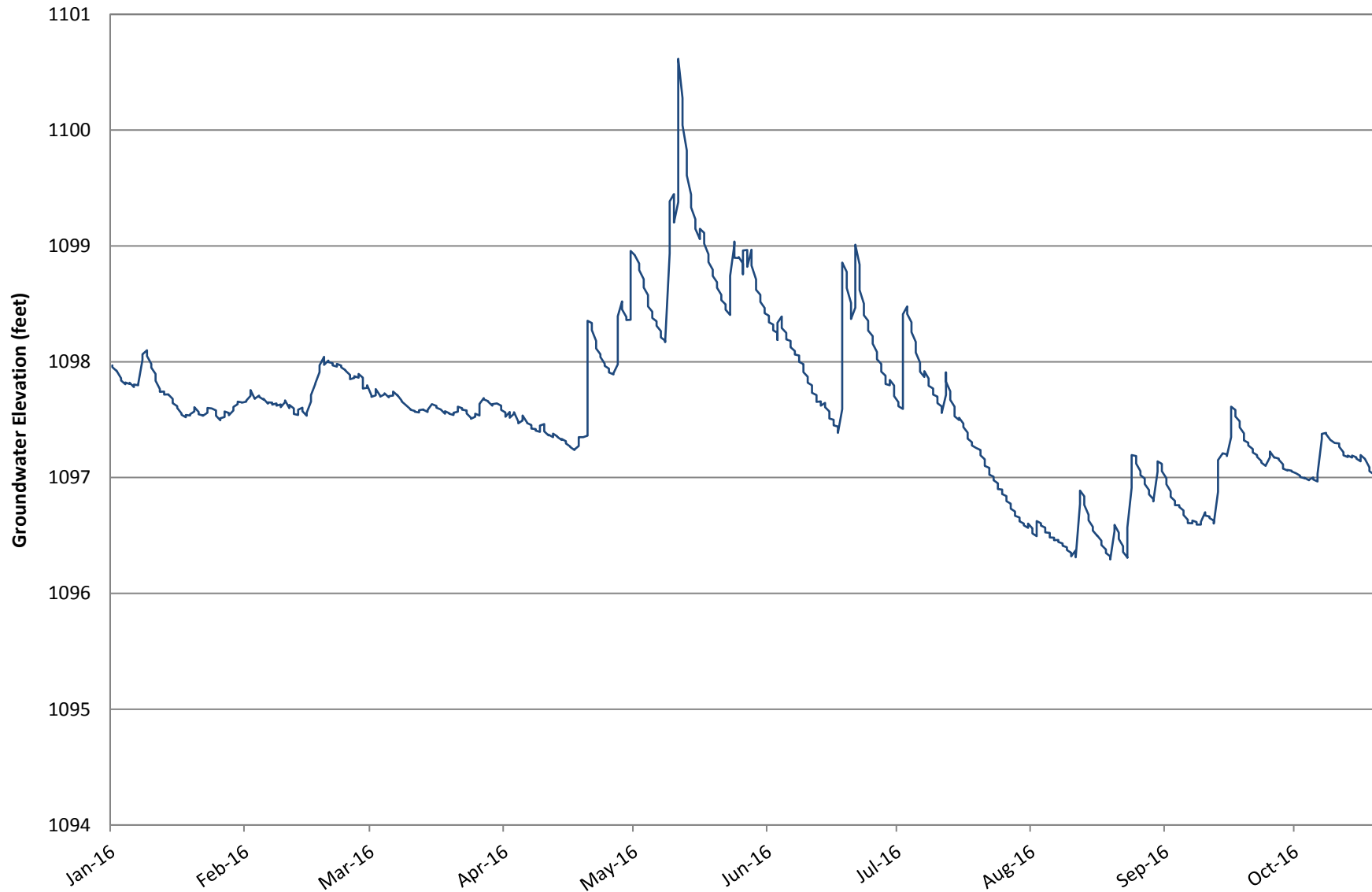
Figure 16 Monitoring Well Readings for MW 05-23 in Saunders County
(January 1, 2016 thru November 8, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

Figure 17 Monitoring Well Readings for MW 05-24 in Douglas County

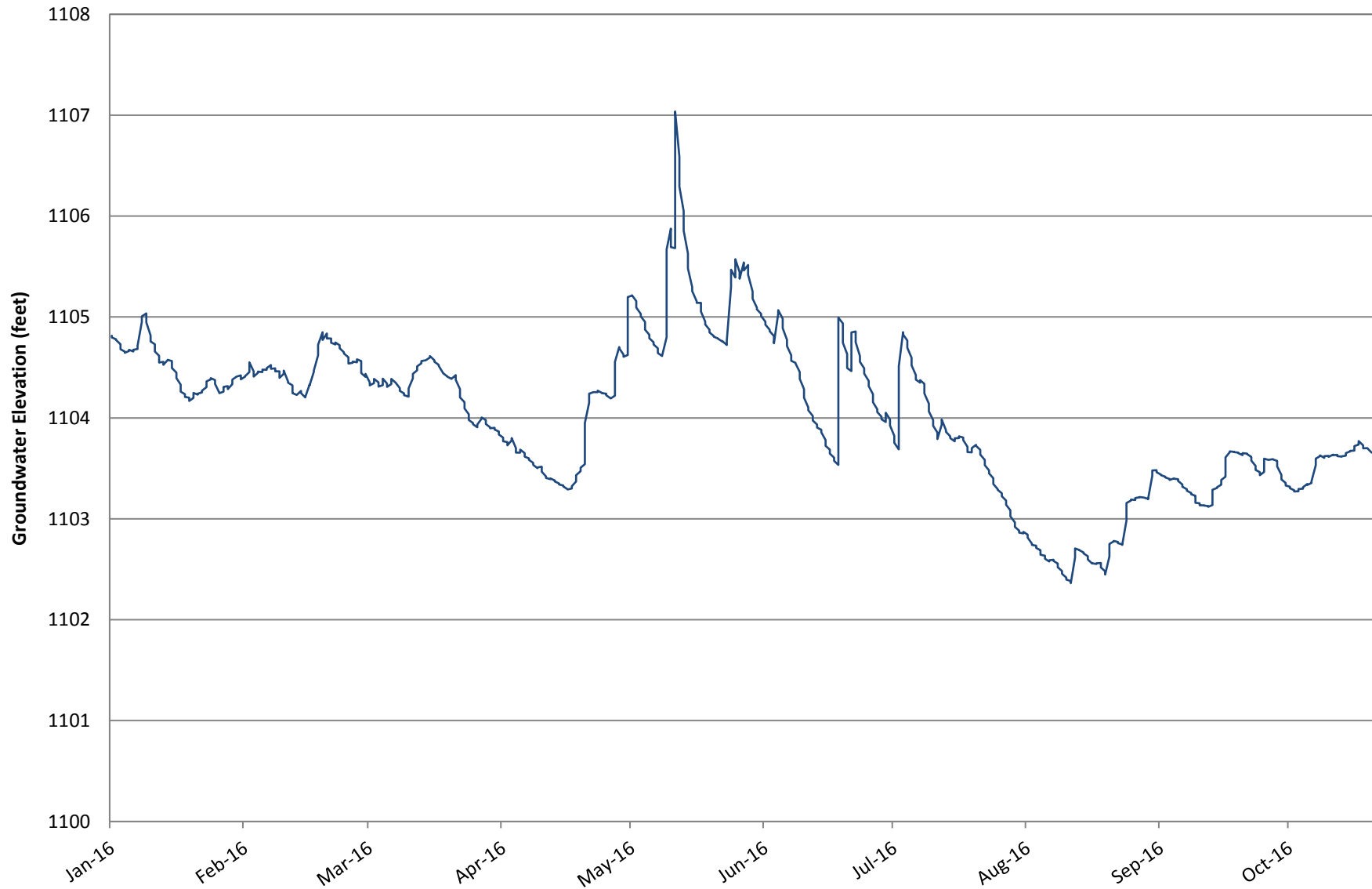
(January 1, 2016 thru October 20, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

Figure 18 Monitoring Well Readings for MW 05-25 in Douglas County

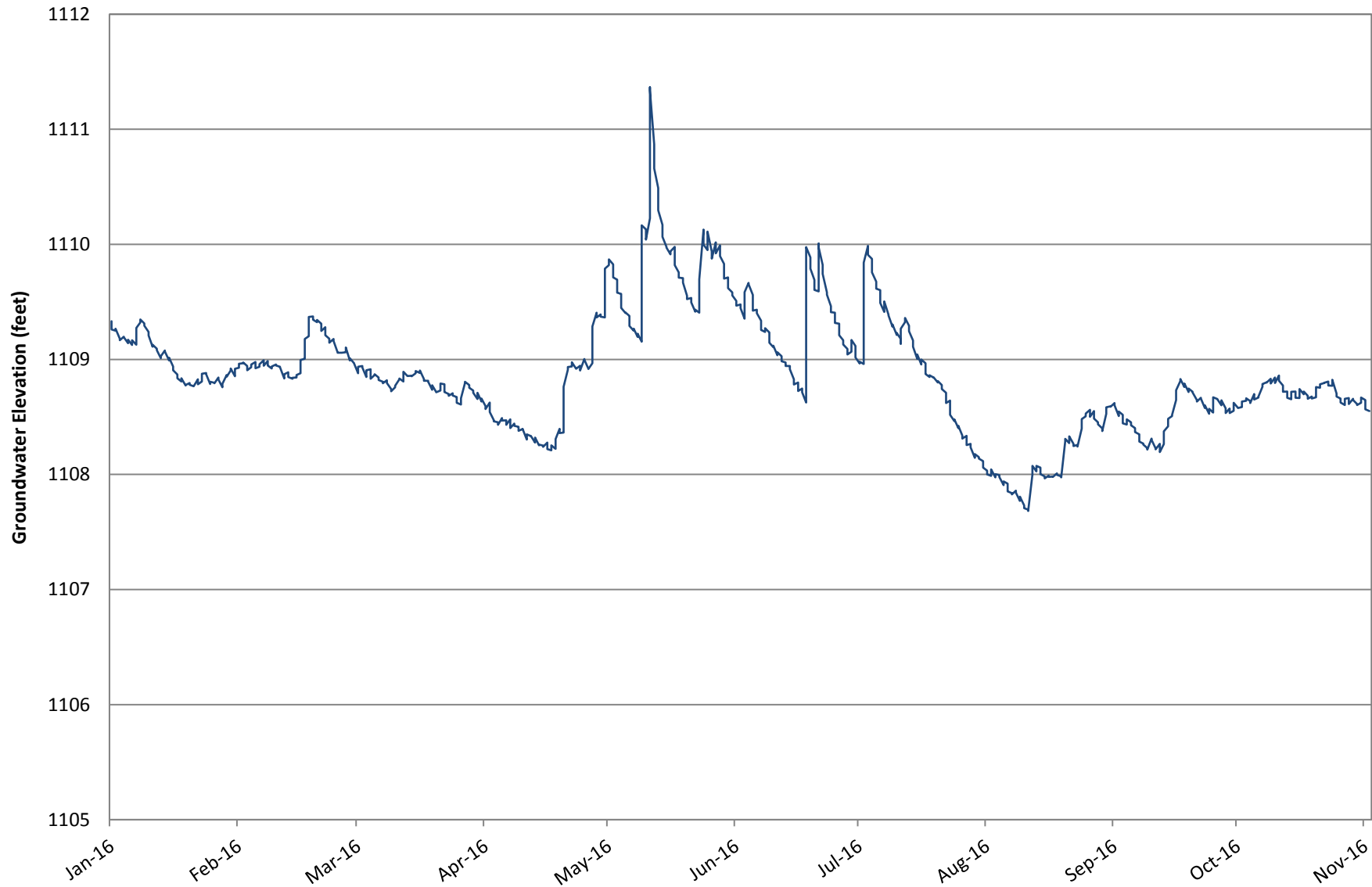
(January 1, 2016 thru October 20, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

Figure 19 Monitoring Well Readings for MW 05-26 in Douglas County

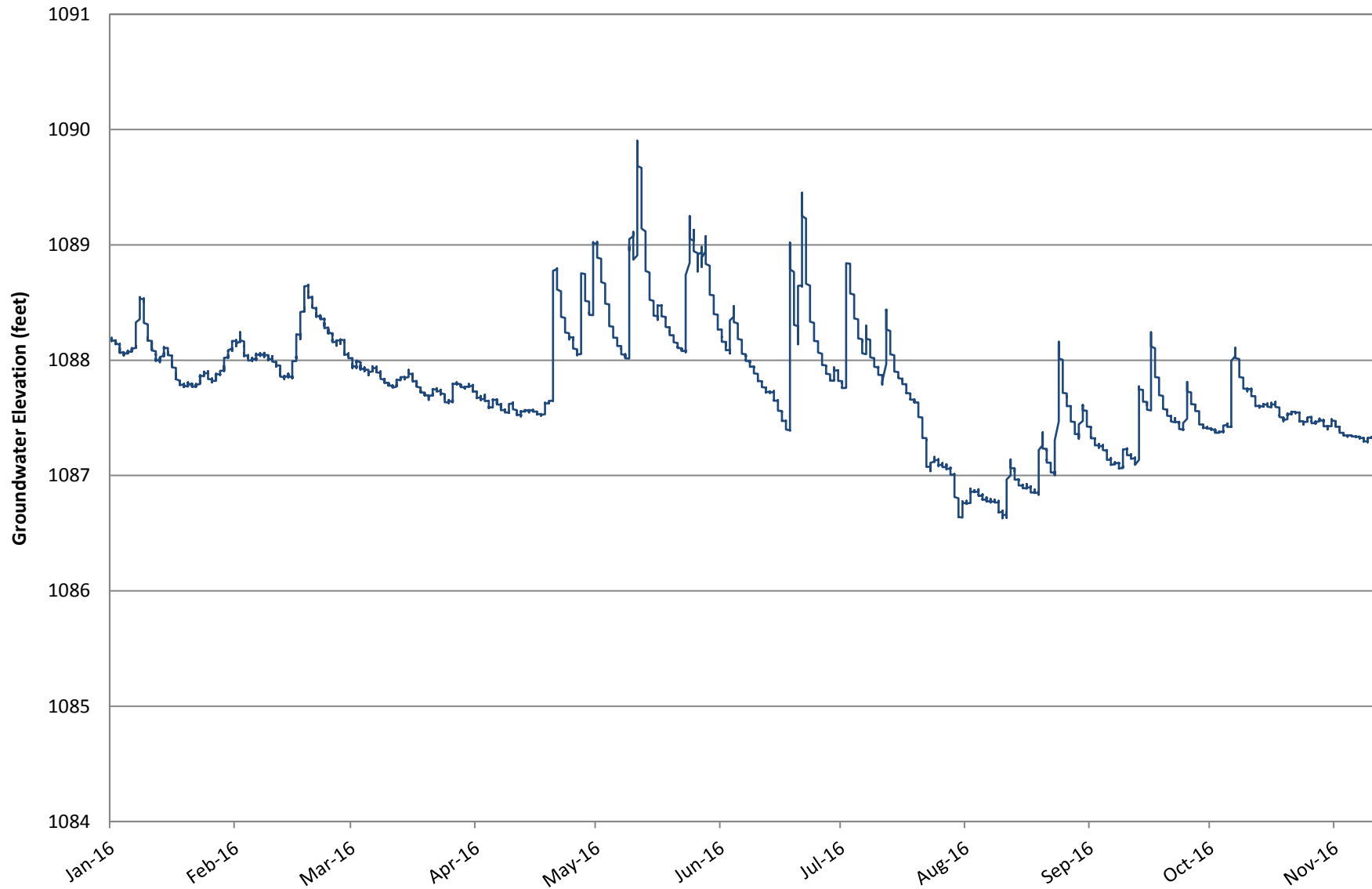
(January 1, 2016 thru November 2, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

Figure 20 Monitoring Well Readings for MW 06-28 in Douglas County

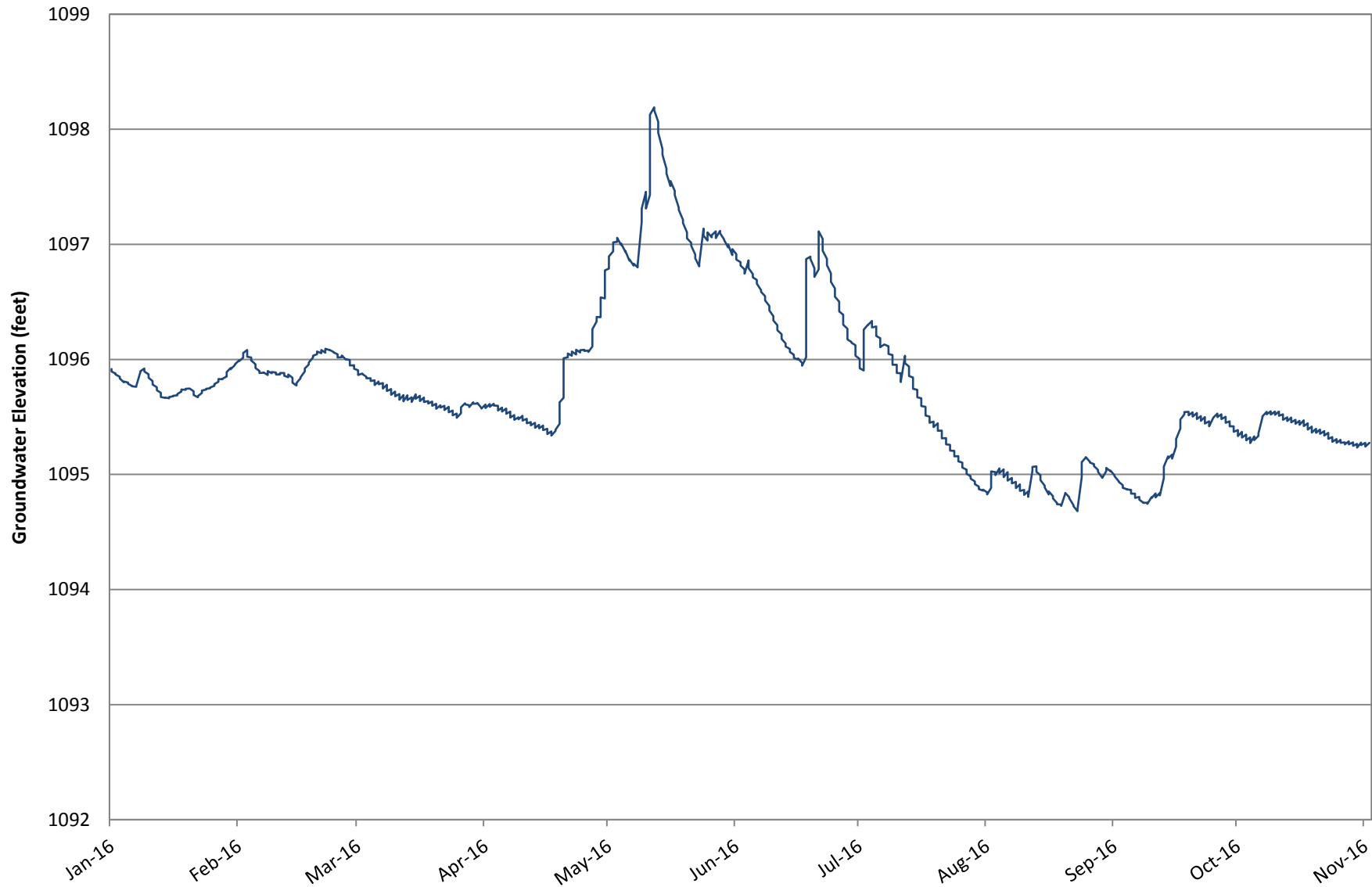
(January 1, 2016 thru November 10, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

Figure 21 Monitoring Well Readings for MW 06-29 in Douglas County

(January 1, 2016 thru November 2, 2016)



Note: Data obtained from Metropolitan Utilities District, Omaha, Nebraska

APPENDIX III – SECTION B
PRODUCTION WELL DATA
TABLE OF CONTENTS

Table 1	2016 Production Well Pumping Rates, Total Million Gallons Per Day (MGD) – Douglas County Wellfield
Table 2	2016 Production Well Pumping Rates, Total Million Gallons Per Day (MGD) – Saunders County Wellfield

Table 1 2016 Production Well Pumping Rates, Total Million Gallons Per Day (MGD) - Douglas County Wellfield

WELL # (PW)	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	YEARLY WELL DATA
94-2	0.00	25.23	33.69	6.37	6.58	0.00	0.00	49.99	7.05	4.20	61.67	27.72	222.50
91-3	0.00	0.00	0.00	0.00	19.04	60.32	44.34	31.99	37.34	3.01	27.92	2.27	226.23
04-4	0.00	0.00	0.00	1.44	0.01	0.00	1.32	0.00	0.72	0.00	1.38	0.00	4.87
04-5	0.00	0.00	0.00	1.24	0.00	0.00	1.07	0.04	0.00	0.00	0.00	0.00	2.35
04-6	0.00	0.00	34.70	48.98	0.40	13.72	32.92	13.35	4.90	0.04	5.91	0.00	154.92
04-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.99	0.65	0.00	0.00	0.00	3.64
04-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.57	7.17	0.00	2.22	0.00	19.96
04-9	0.00	0.00	0.00	0.00	0.00	24.52	27.45	10.74	0.52	0.00	0.00	0.00	63.23
04-10	0.00	0.00	0.00	46.92	27.76	45.78	28.11	30.09	9.79	41.05	60.15	0.00	289.65
04-11	46.15	78.35	3.38	1.85	58.74	68.37	80.63	40.05	24.15	0.73	0.00	0.00	402.40
04-12	0.00	25.29	0.01	13.33	12.21	37.18	63.20	62.85	49.39	0.55	0.00	16.93	280.94
04-13	0.00	0.00	0.00	0.00	0.01	0.00	5.95	1.62	8.07	0.00	0.00	0.00	15.65
04-14	0.00	0.00	2.07	12.44	60.52	18.06	29.90	26.56	11.56	1.16	43.56	0.00	205.83
04-15	70.61	19.57	33.52	35.16	5.18	85.66	41.51	43.42	63.07	37.55	57.31	58.41	550.97
04-16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.93	54.99	28.26	29.41	79.43	231.02
04-17	39.34	26.51	37.24	41.48	31.57	55.93	79.63	17.30	31.90	63.46	0.00	18.72	443.08
Monthly Totals, MG	156.10	174.95	144.61	209.21	222.02	409.54	436.03	380.49	311.27	180.01	289.53	203.48	
Daily Ave., MGD	5.04	6.03	4.66	6.97	7.16	13.65	14.07	12.27	10.38	5.81	9.65	6.56	

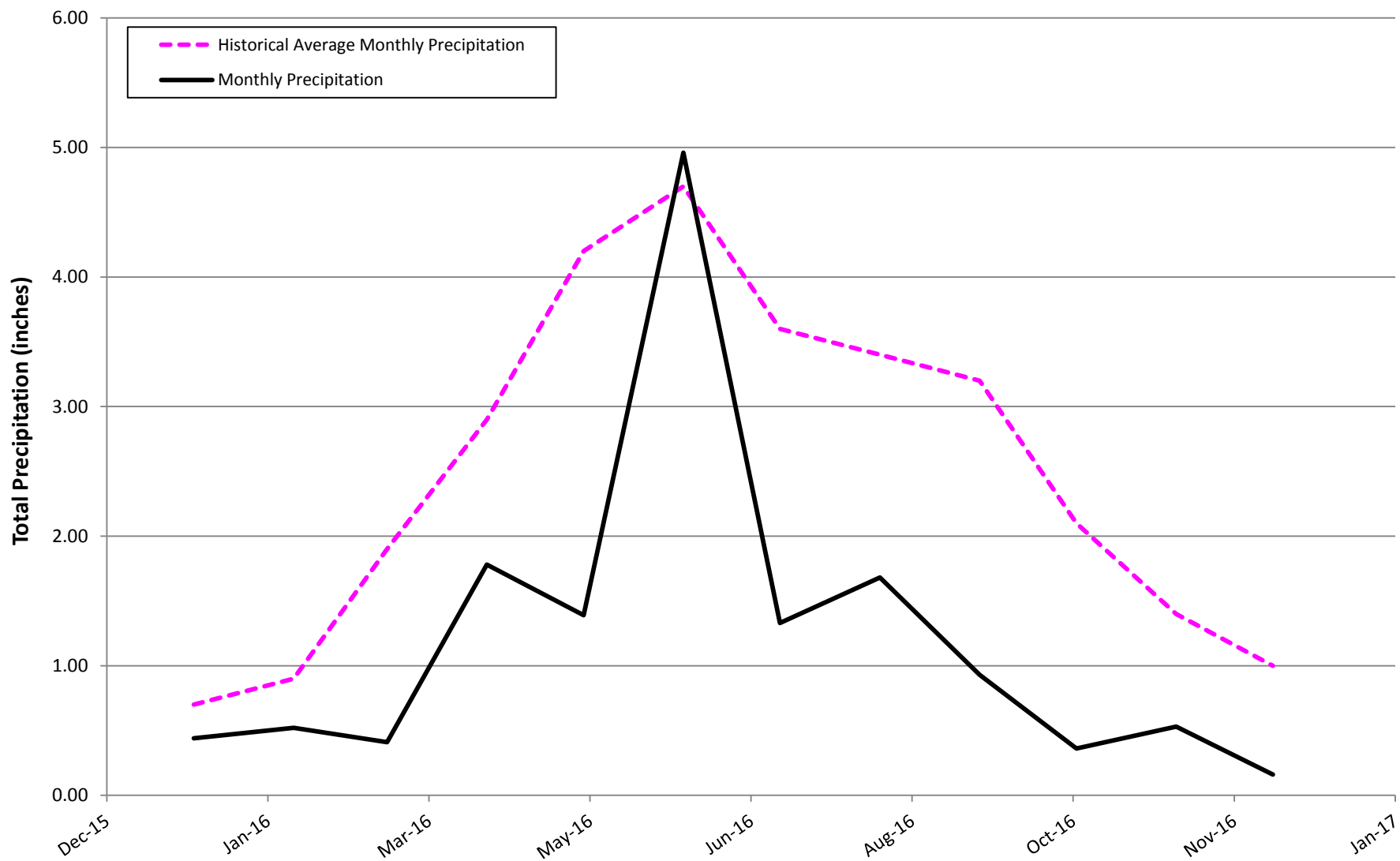
Table 2 2016 Production Well Pumping Rates, Total Million Gallons Per Day (MGD) - Saunders County Wellfield

WELL # (PW)	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	YEARLY WELL DATA
91-30	0.00	0.00	0.00	0.00	29.31	39.27	47.91	28.15	23.61	12.89	9.60	3.18	193.92
94-31	22.32	67.41	11.77	5.66	31.95	64.96	27.09	30.34	11.81	73.27	25.90	39.88	412.36
94-32	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.45
94-33	0.00	34.22	89.59	0.00	20.32	38.89	96.37	15.22	3.47	13.98	34.58	36.62	383.26
94-34	28.67	1.59	0.00	7.99	0.01	56.66	33.11	71.96	47.18	40.33	1.24	1.05	289.79
94-35	0.00	14.32	13.05	25.02	56.10	46.96	38.72	70.13	85.62	37.36	68.51	80.01	535.80
94-36	10.71	30.29	30.12	41.04	29.85	41.15	40.41	57.93	54.23	31.35	72.77	34.85	474.70
94-37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.03	48.87	119.92	89.26	296.08
04-38	40.27	0.00	0.33	3.86	27.30	66.69	67.12	31.26	30.94	67.35	0.00	0.00	335.12
04-39	33.40	63.92	68.60	76.83	64.63	45.38	38.23	23.74	27.00	0.00	38.85	33.62	514.20
04-40	106.78	36.76	0.00	0.00	3.68	56.97	104.33	90.92	35.54	0.00	1.59	17.93	454.50
04-41	3.47	0.68	8.49	0.00	10.53	24.37	19.59	0.57	29.47	0.00	0.00	1.47	98.64
04-42	9.56	0.53	9.40	60.20	54.94	63.88	40.02	71.41	44.77	19.73	87.28	30.74	492.46
04-43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.46	2.89	13.36	0.00	33.71
04-44	27.32	28.86	57.27	0.00	0.74	23.52	86.00	36.75	42.87	0.00	1.48	24.82	329.63
04-45	0.01	21.45	50.05	76.31	48.89	99.81	78.99	78.95	61.04	79.58	51.69	40.44	687.21
04-46	88.18	50.30	20.56	78.03	44.36	34.75	2.50	17.76	22.66	62.25	12.82	30.59	464.76
04-47	1.20	0.00	0.00	0.00	19.11	21.22	16.82	18.04	17.00	3.08	0.00	0.00	96.47
04-48	0.00	0.00	0.00	0.00	0.00	0.00	18.03	17.40	21.11	5.59	2.97	0.00	65.10
04-49	0.00	0.57	0.00	41.06	48.62	70.83	74.64	49.79	24.58	2.79	67.48	20.94	401.30
04-50	0.00	14.78	14.08	6.69	0.01	23.96	5.55	13.00	6.27	0.00	0.00	0.00	84.34
04-51	0.00	0.00	5.54	28.44	3.39	12.82	2.01	4.39	10.43	0.01	20.46	14.56	102.05
04-52	56.34	24.67	50.34	17.41	39.27	28.63	27.88	47.53	11.46	28.39	15.22	9.85	356.99
04-53	0.00	0.00	0.00	31.81	16.85	24.83	22.52	17.84	13.57	1.61	8.06	0.00	137.09
04-54	12.99	23.56	19.69	0.00	7.82	27.82	22.17	15.76	3.30	4.93	29.48	9.13	176.65
04-55	22.77	0.00	0.00	2.72	0.00	10.54	18.71	2.95	3.62	0.00	3.94	0.30	65.55
Monthly Totals, MG	464.41	413.91	448.88	503.07	557.68	923.91	928.72	811.79	687.04	536.25	687.23	519.24	
Daily Ave., MGD	14.98	14.27	14.48	16.77	17.99	30.80	29.96	26.19	22.90	17.30	22.91	16.75	

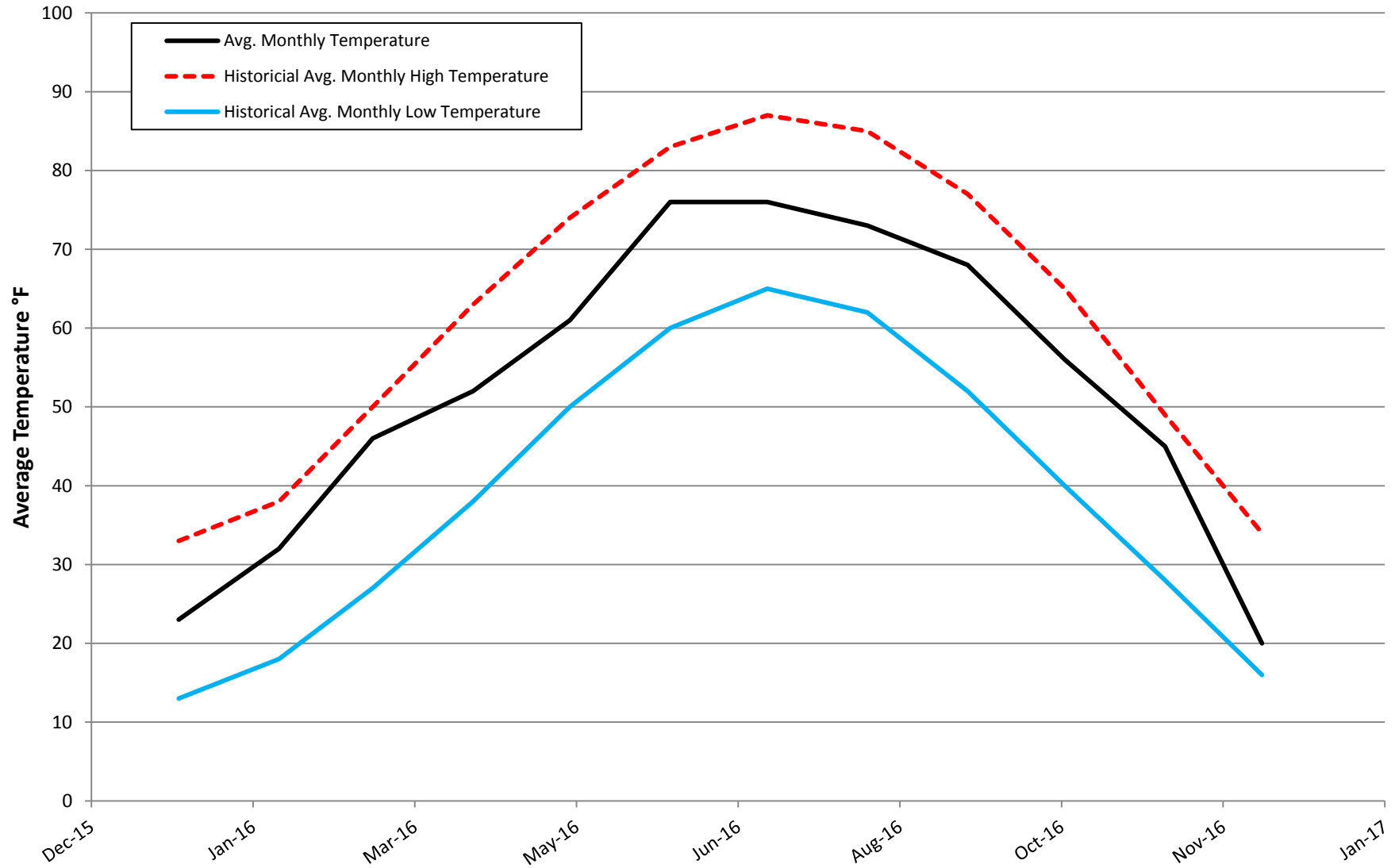
APPENDIX III – SECTION C
OTHER HYDROLOGICAL DATA
TABLE OF CONTENTS

Figure 1	2016 Total Monthly Precipitation
Figure 2	2016 Monthly Average Ambient Air Temperature
Figure 3	2016 Monthly Mean Stream Elevation of the Platte River near Venice, NE
Figure 4	2016 Monthly Mean Stream Elevation of the Elkhorn River at Waterloo, NE
Figure 5	Stream Gauge Locations

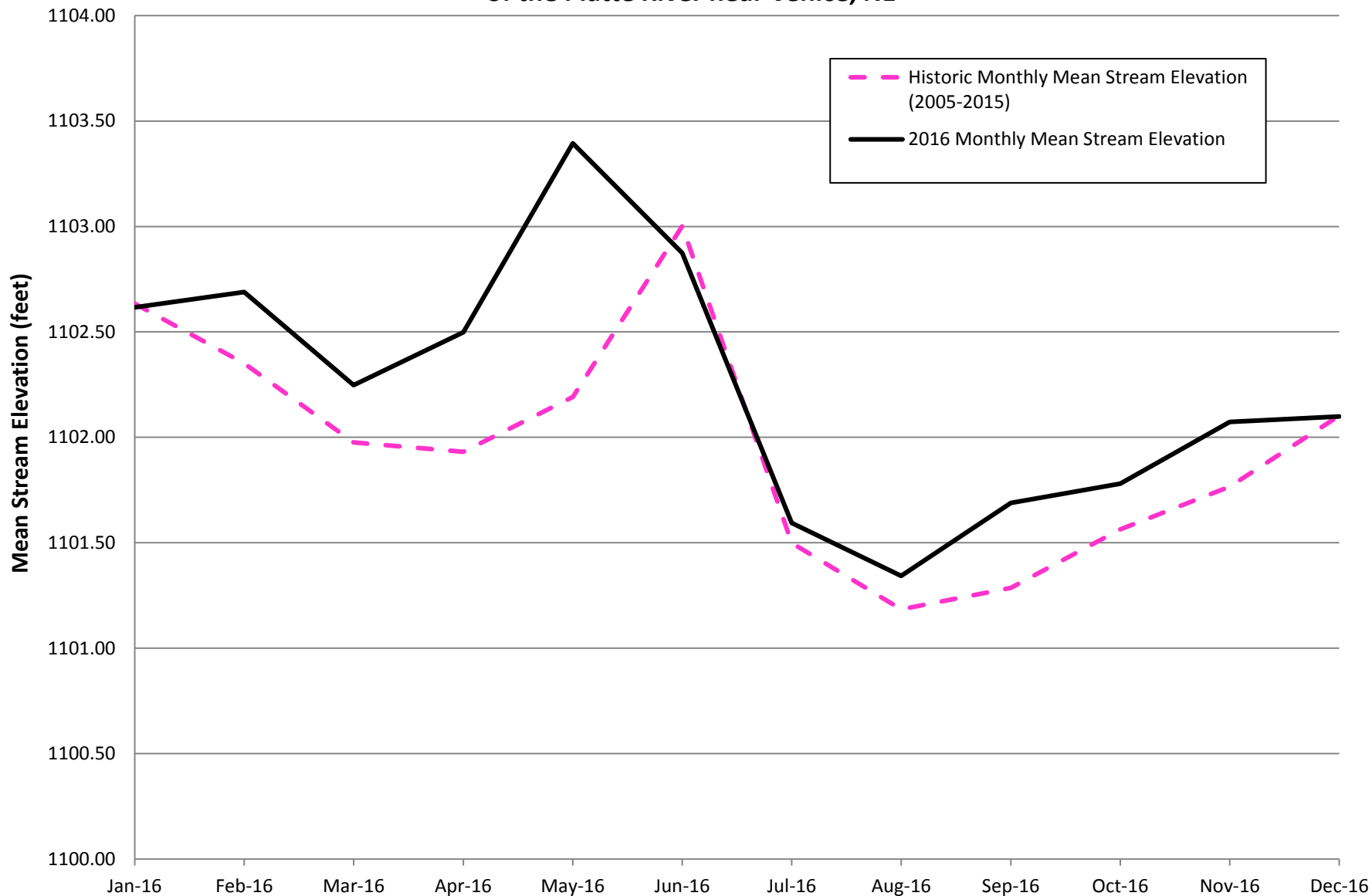
**Figure 1 2016 Total Monthly Precipitation
Fremont, NE**



**Figure 2 2016 Monthly Average Ambient Air Temperature
Fremont, NE**

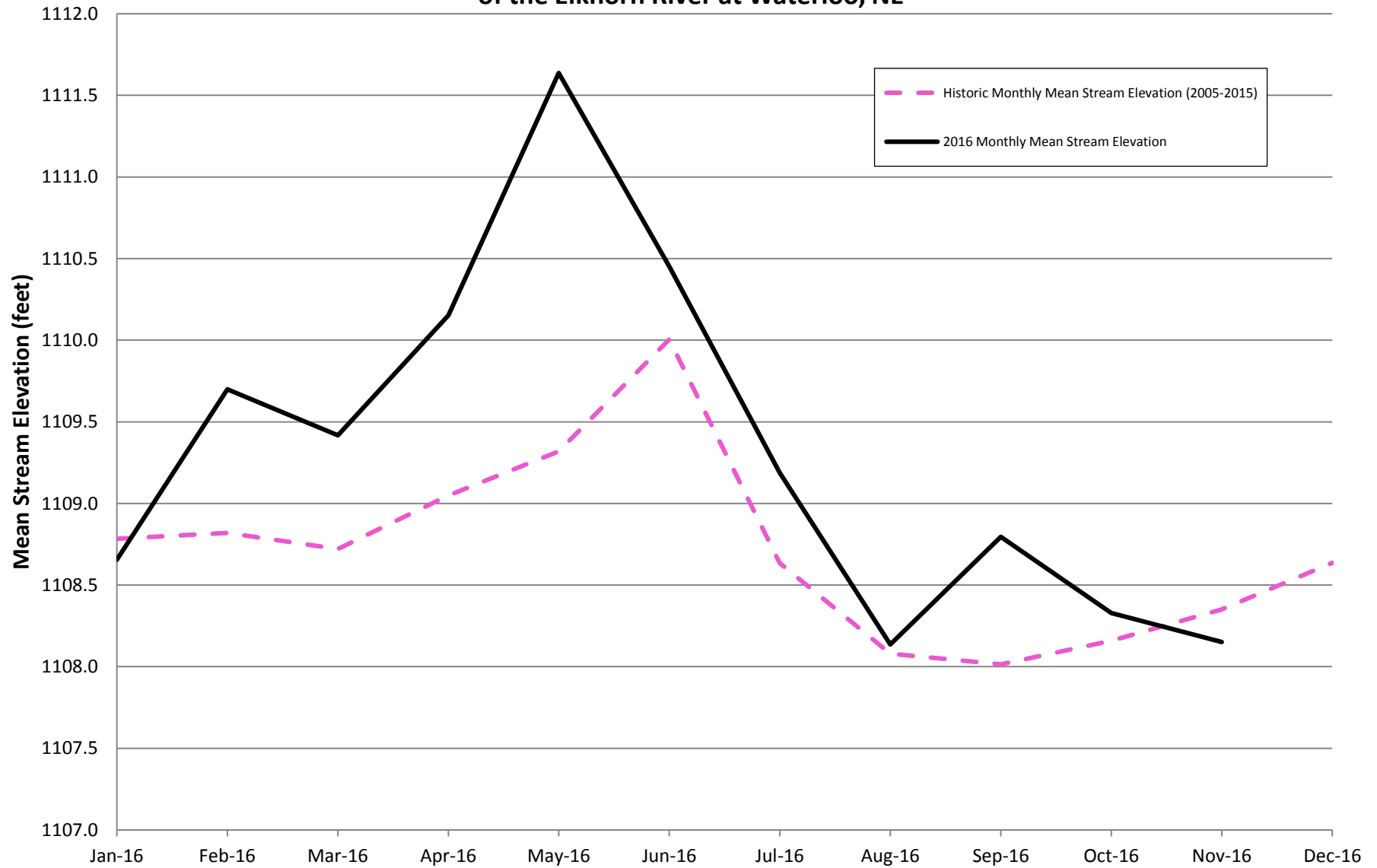


**Figure 3 2016 Monthly Mean Stream Elevation
of the Platte River near Venice, NE**

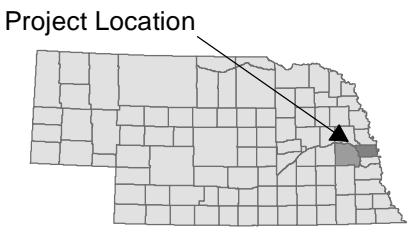


Source: USGS. 2015b. National Water Information System: Platte River near Venice, Nebraska 06796550



**Figure 4 2016 Monthly Mean Stream Elevation
of the Elkhorn River at Waterloo, NE**



Source: USGS. 2016a. National Water Information System: Elkhorn River at Waterloo, Nebraska 06800500



Legend

-  Stream Gauge
-  Cone of Depression

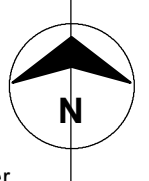
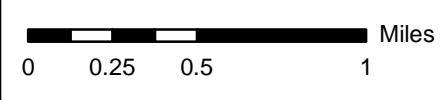


Figure 5
Stream Gauge Locations
Metropolitan Utilities District

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, the GIS User Community, and Wilson & Company 2013 Aerial Photography



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Burns & McDonnell World Headquarters
9400 Ward Parkway
Kansas City, MO 64114
O 816-333-9400
F 816-333-3690
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