

APPENDICES

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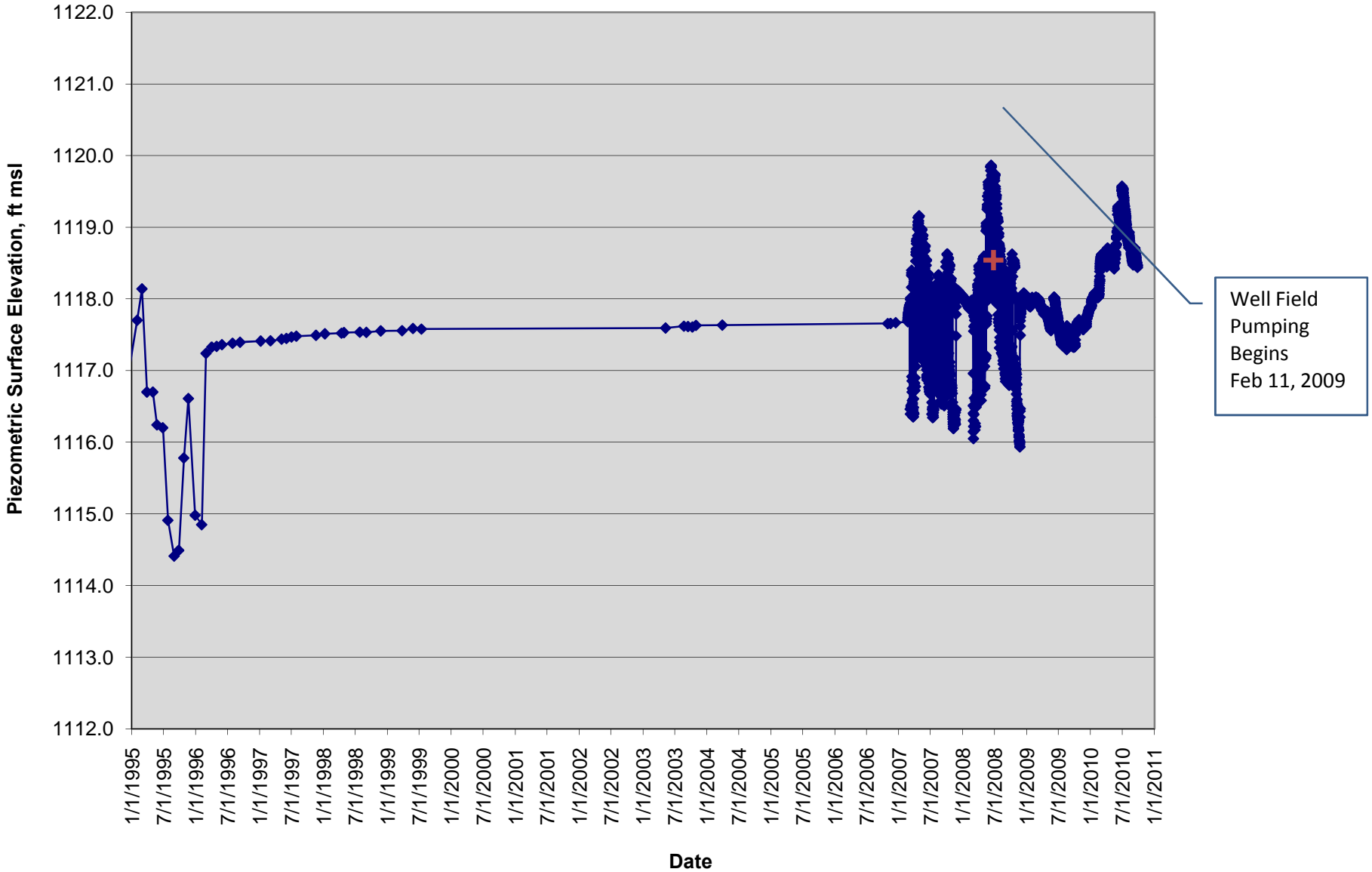
Appendix 5-2: Forecast Model Simulation – Predicted Potentiometric Surface Map

Appendix 3-1

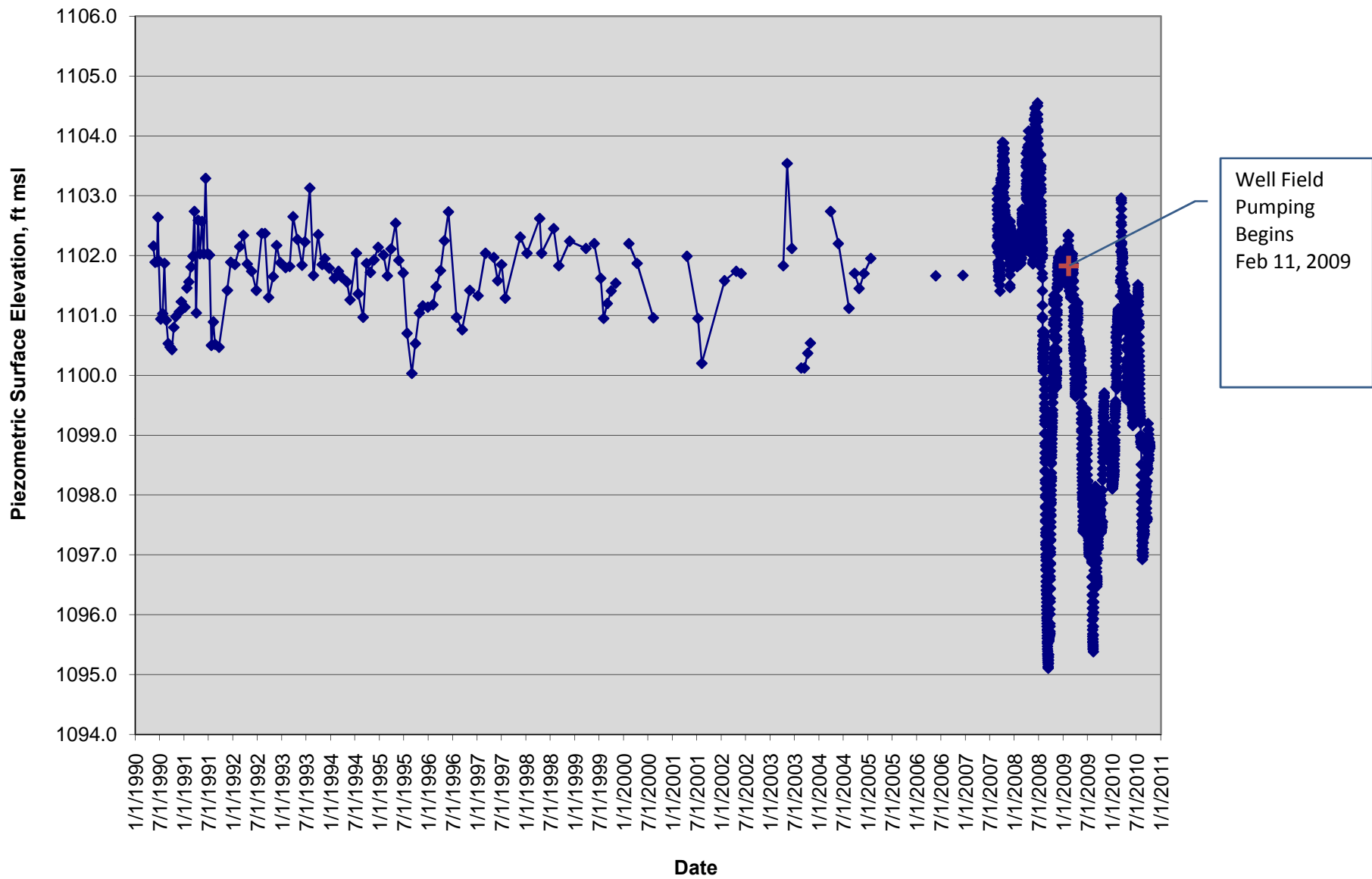
Historical Monitoring Well Hydrographs

Douglas County Monitoring Wells

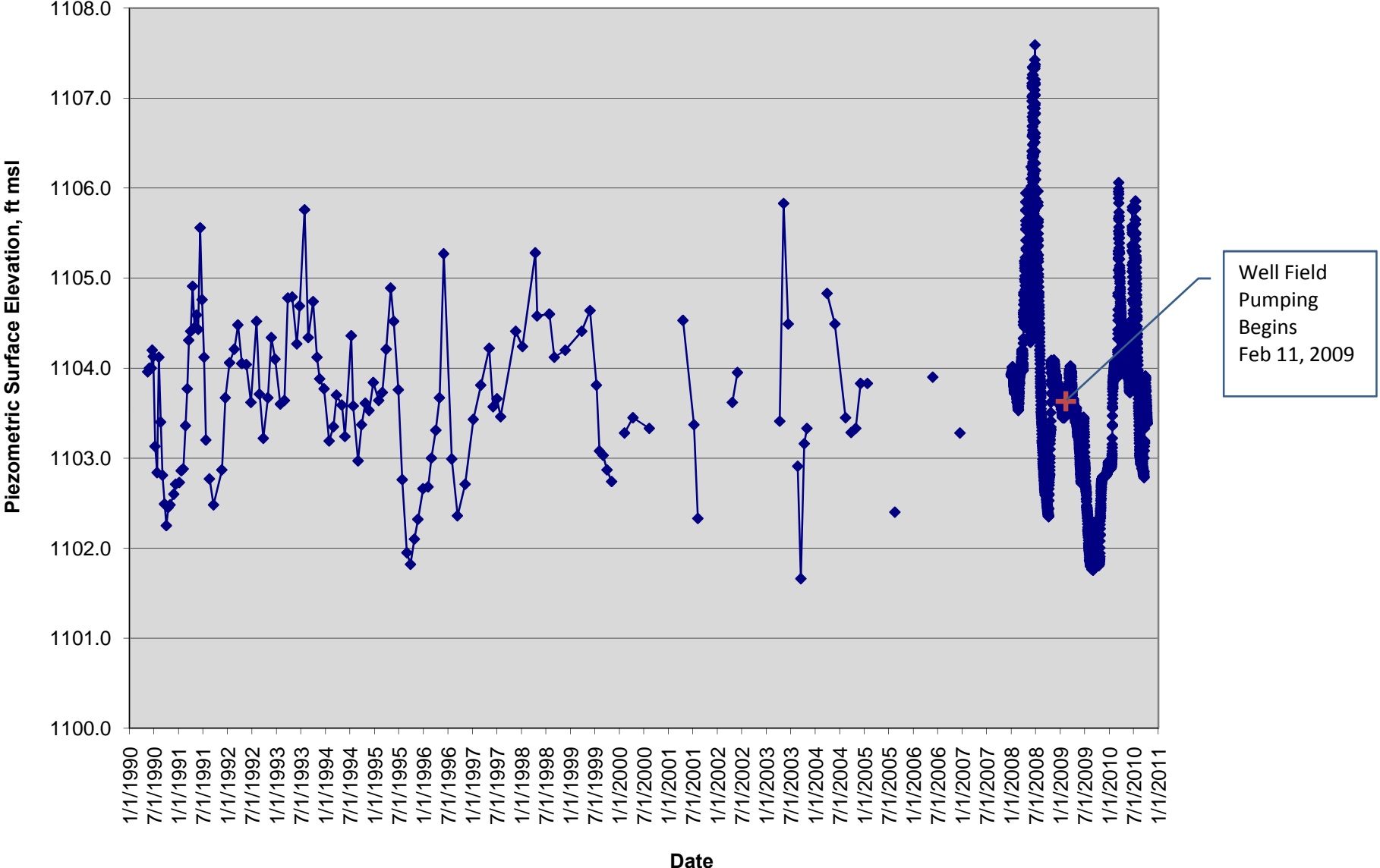
Long Term Historical
Piezometric Surface Elevations
Monitoring Well Location MW 90-4
1995 - 2010



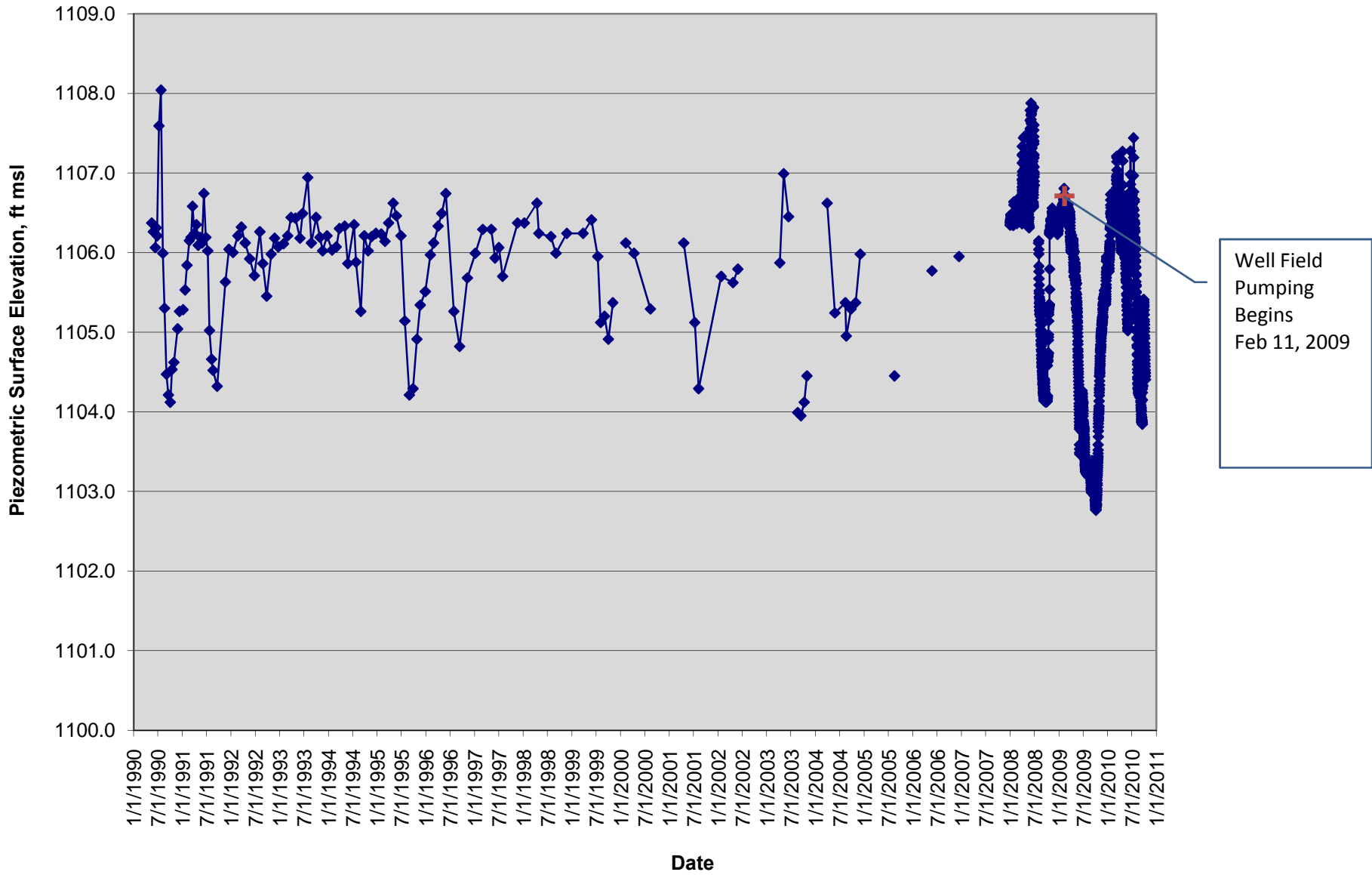
Long Term Historical
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1990 - 2010



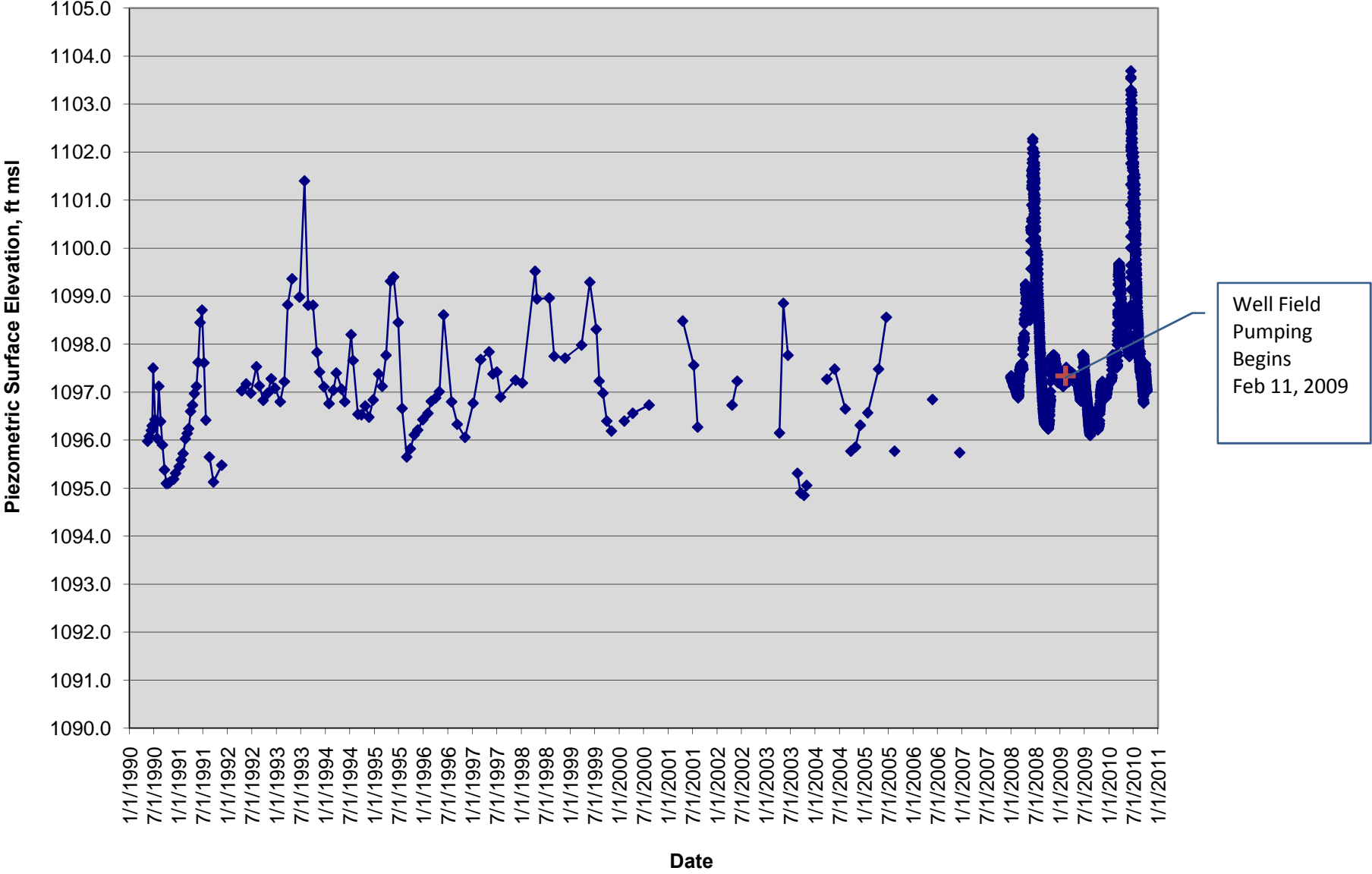
Long Term Historical
Piezometric Surface Elevations
Monitoring Well Location MW 90-6
1990 - 2010



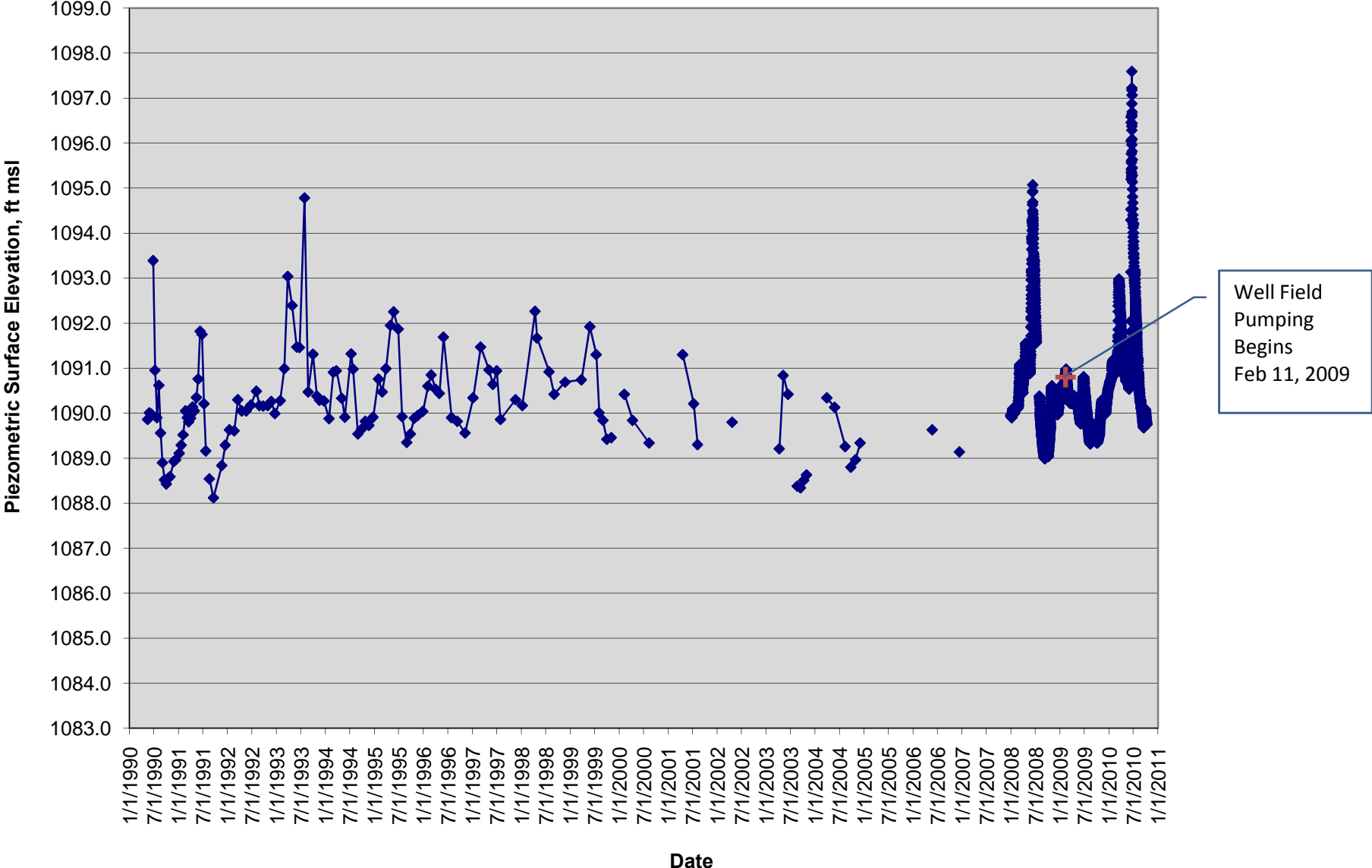
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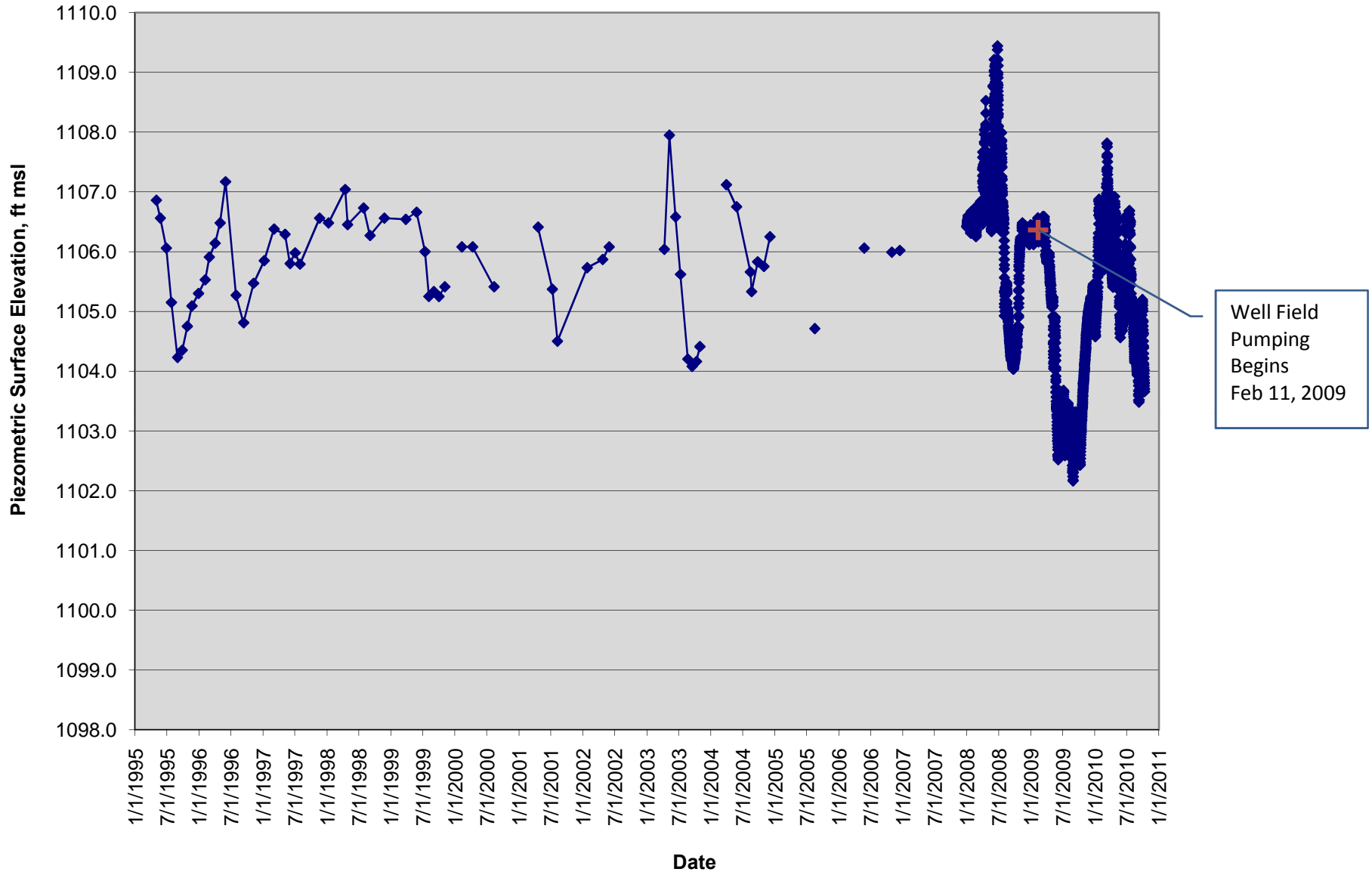
**Long Term Historical
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Monitoring Well Location MW 90-12
1990 - 2010**



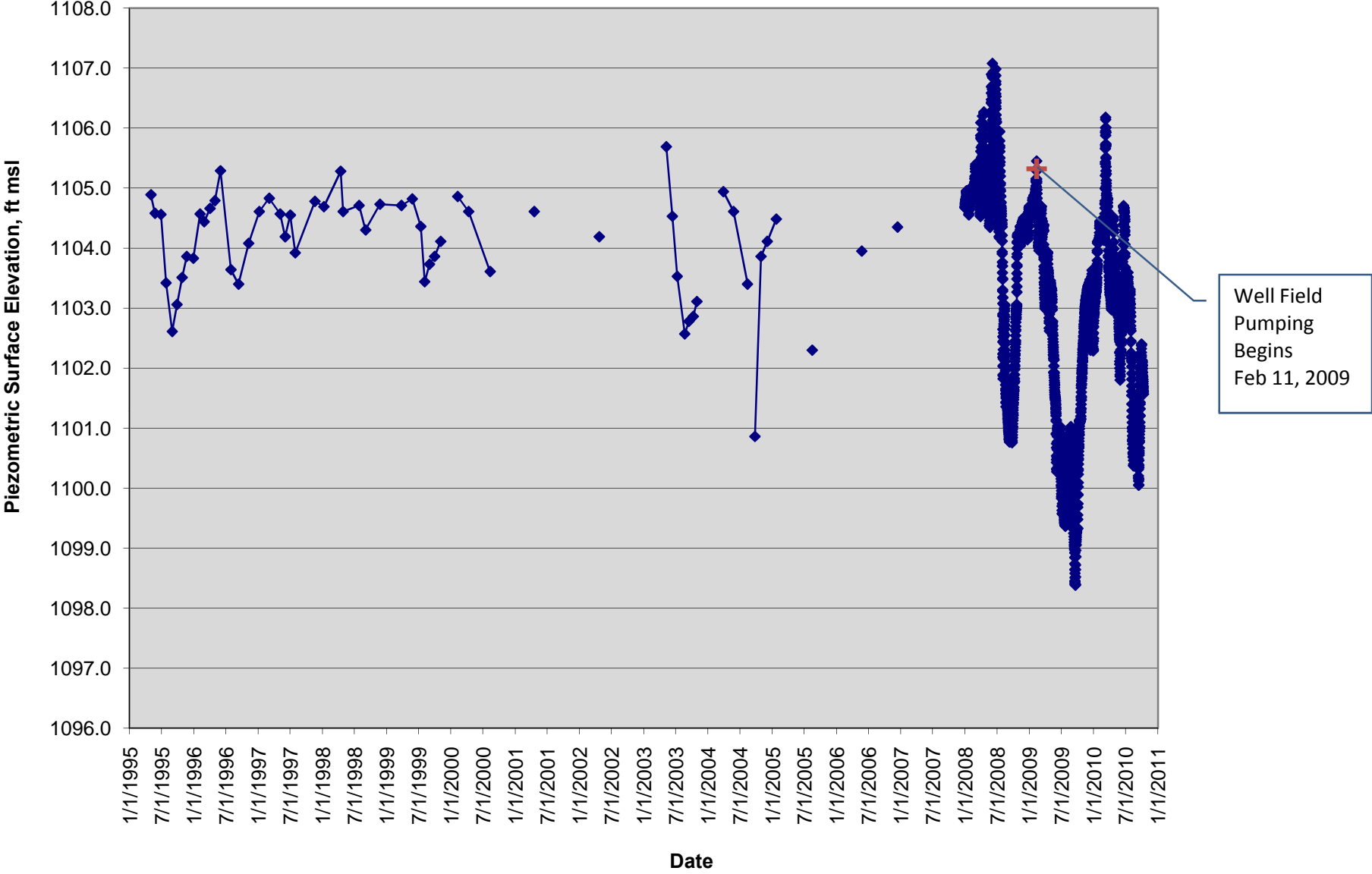
**Long Term Historical
Piezometric Surface Elevations
Monitoring Well Location MW 90-13
1990 - 2010**



Long Term Historical
Piezometric Surface Elevations
Monitoring Well Location MW 94-1
1995 - 2010

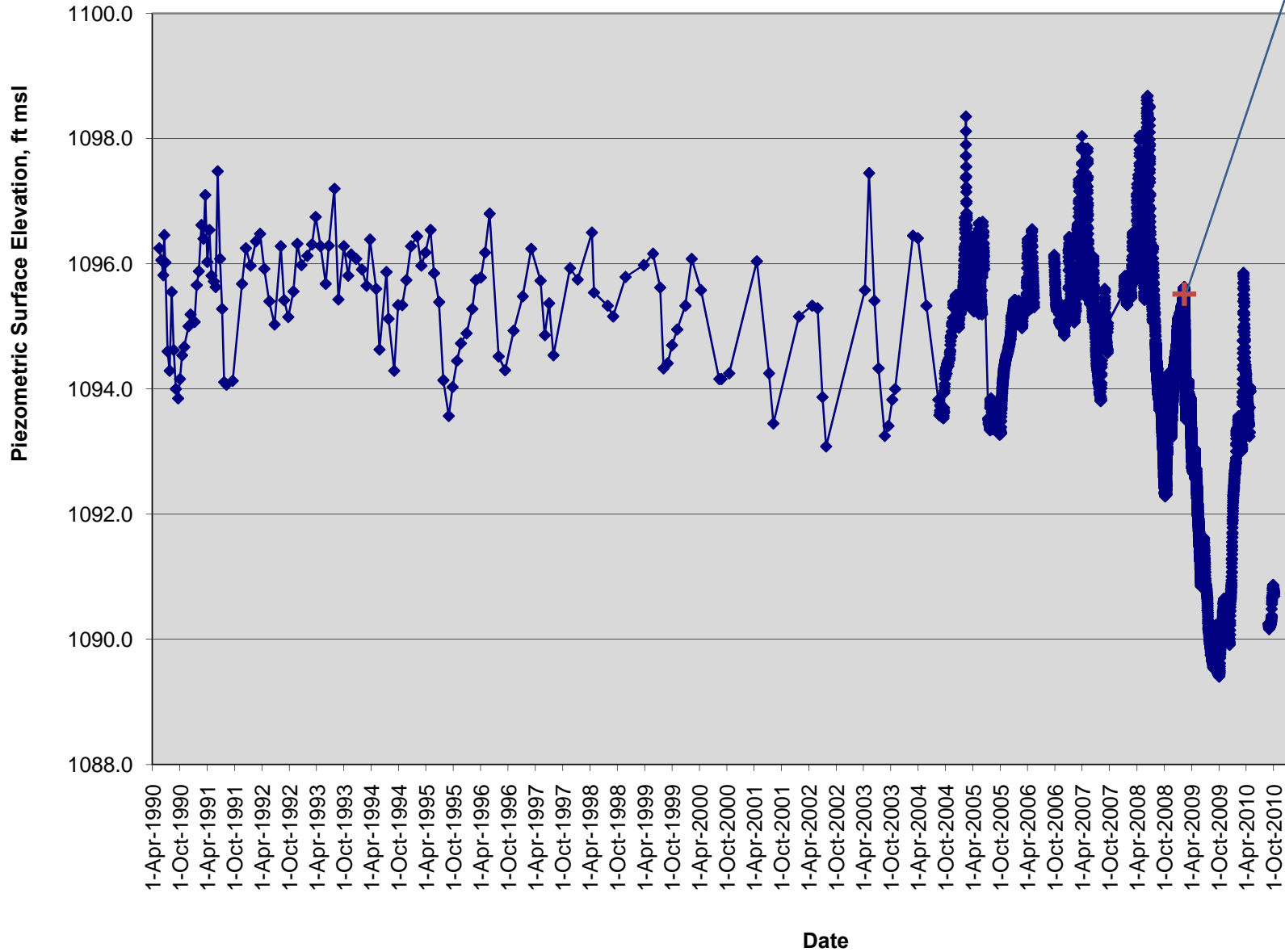


Long Term Historical
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Monitoring Well Location MW 94-2
1995 - 2010



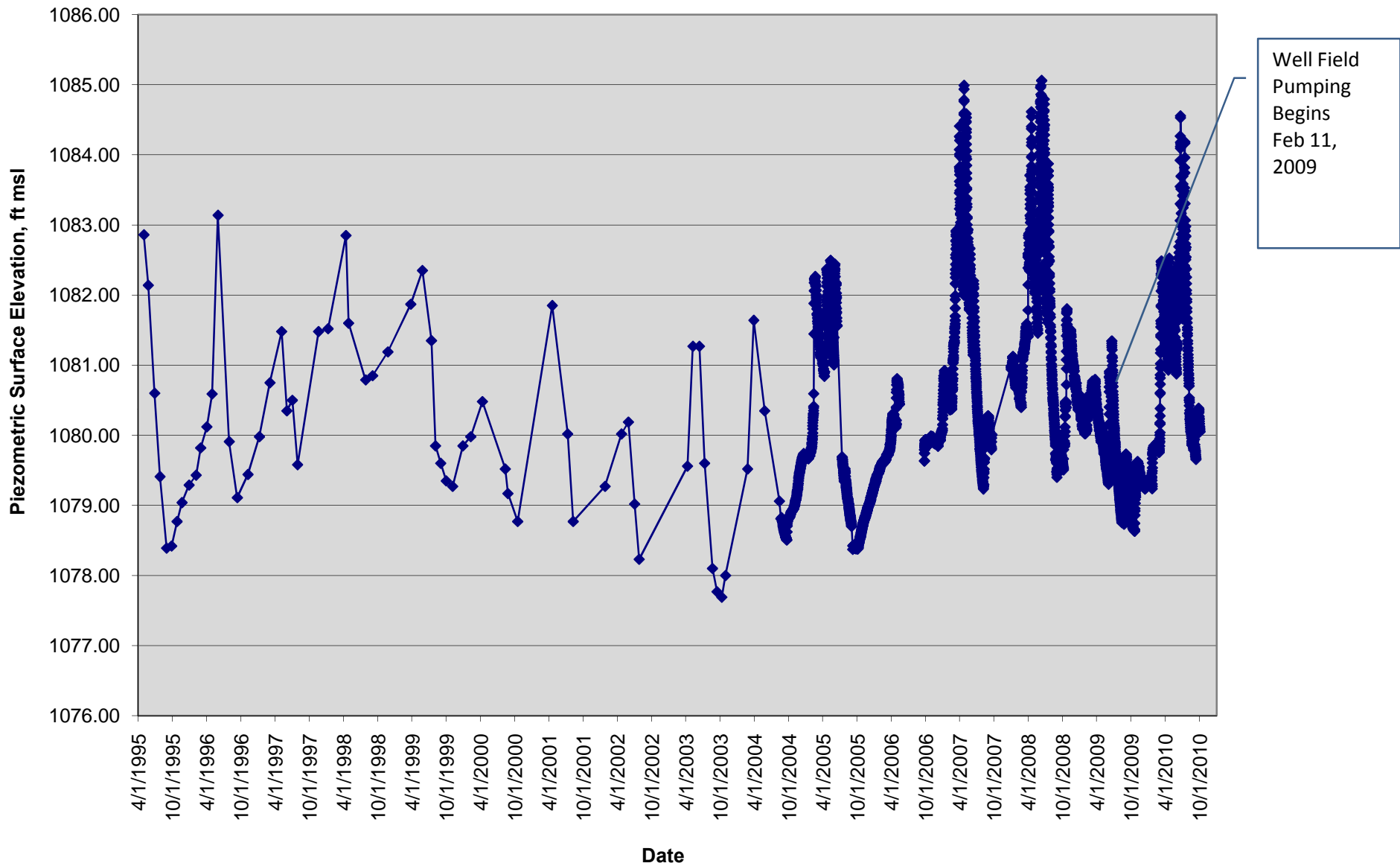
Saunders County Monitoring Wells

**Long Term Historical
Piezometric Surface Elevations
Monitoring Well Location MW 90-10
1990 - 2010**

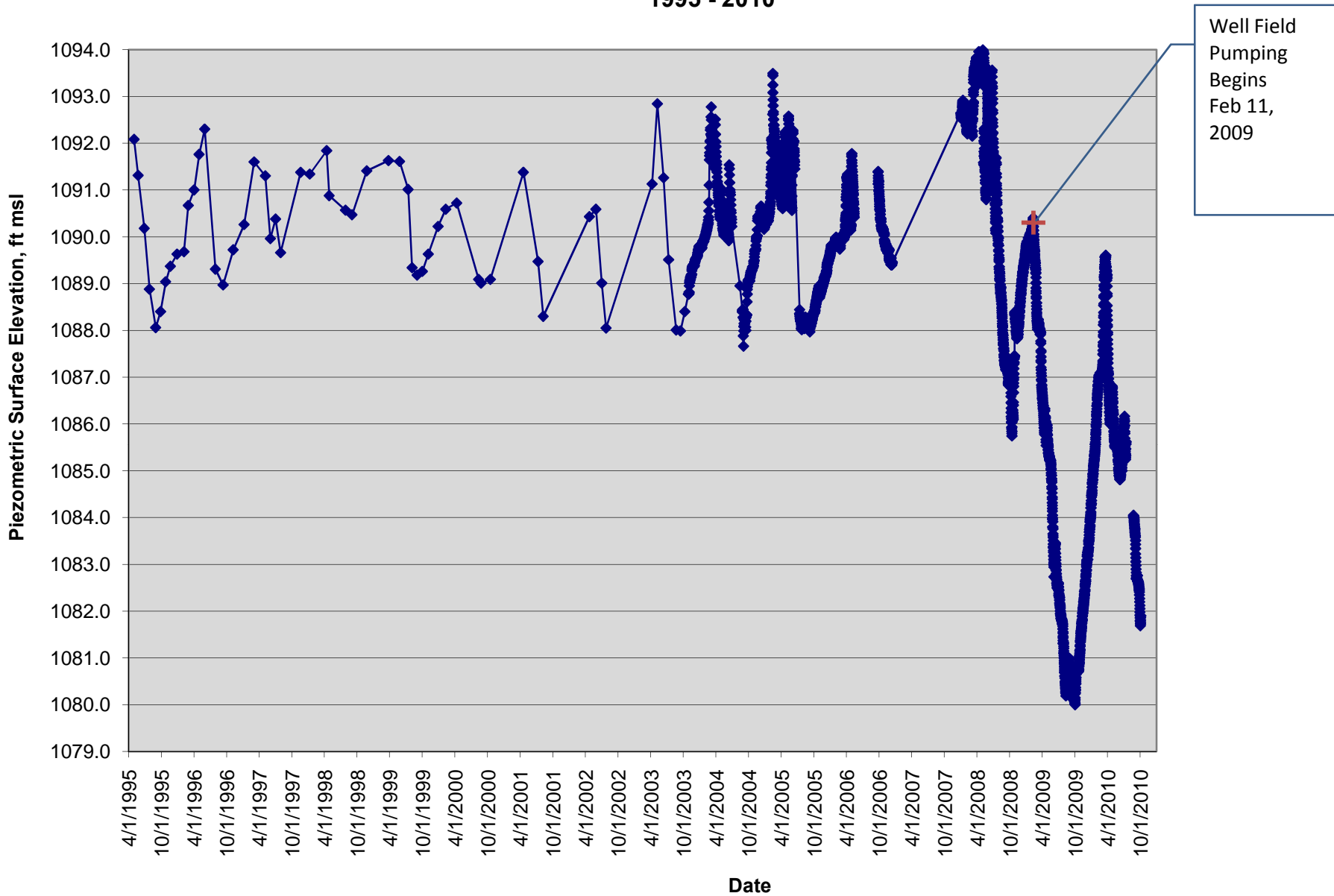


Well Field
Pumping
Begins
Feb 11,
2009

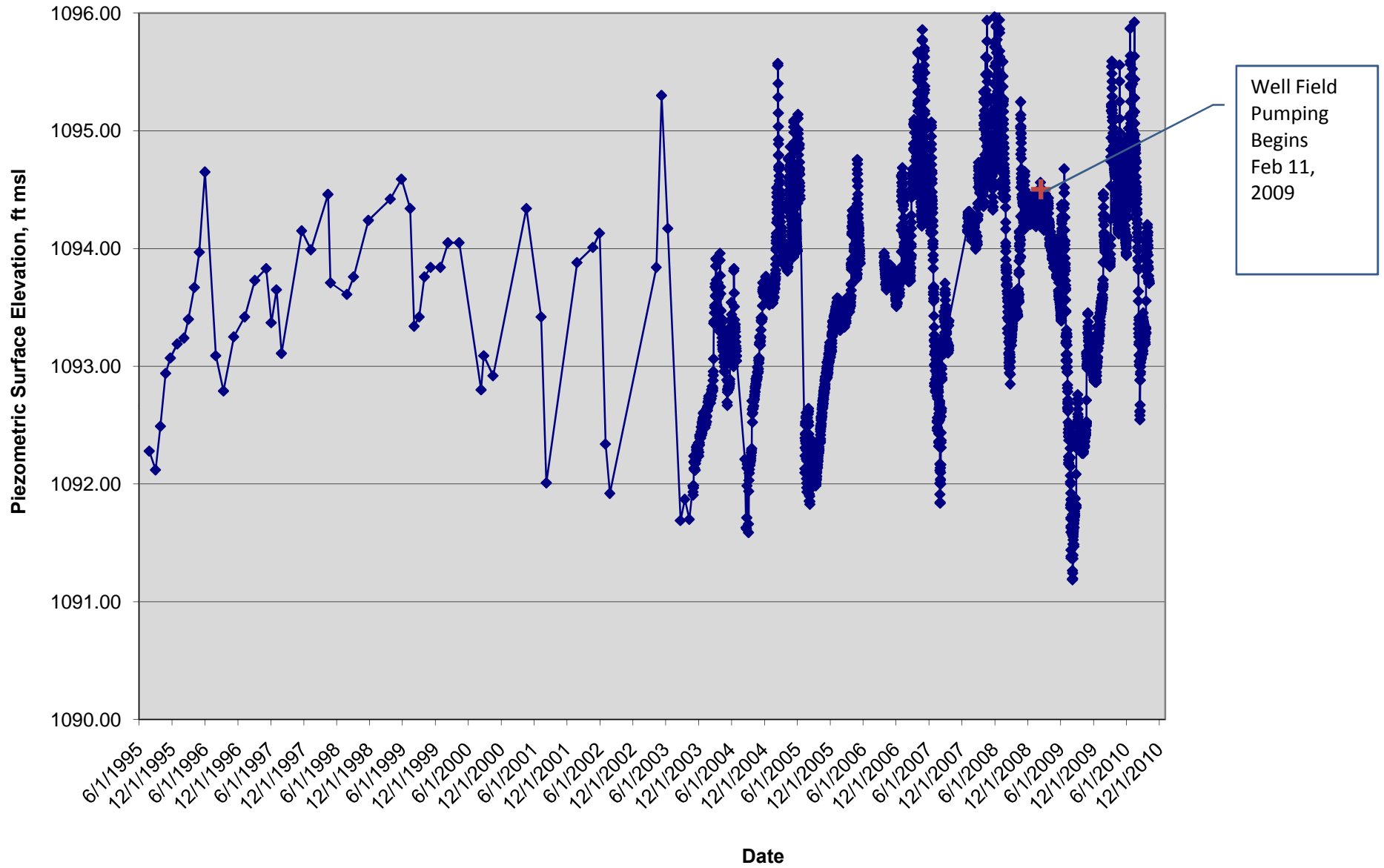
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Piezometric Surface Elevations
Monitoring Well Location MW 94-3
1995 - 2010



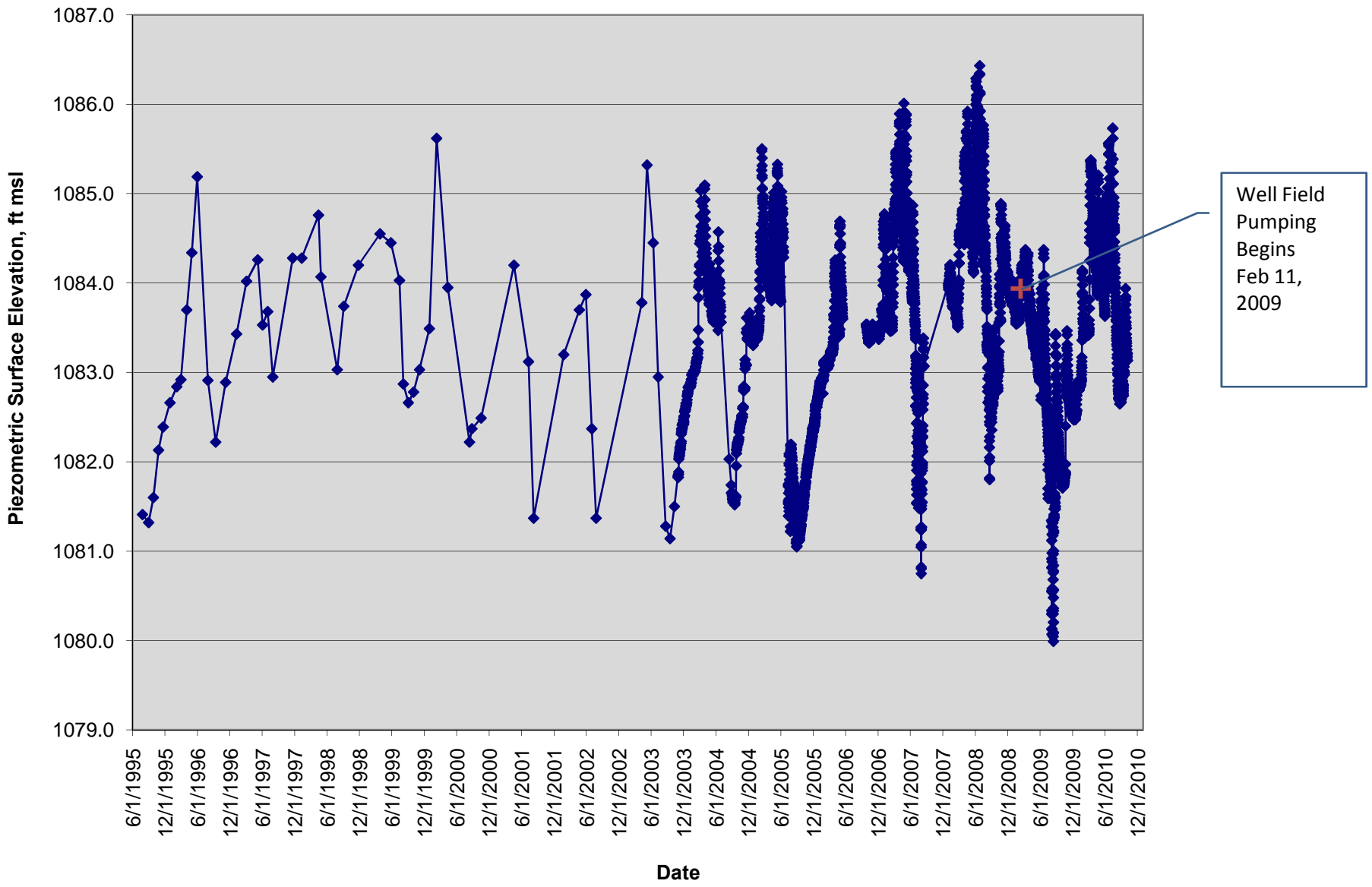
Long Term Historical
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Monitoring Well Location MW 94-4
1995 - 2010



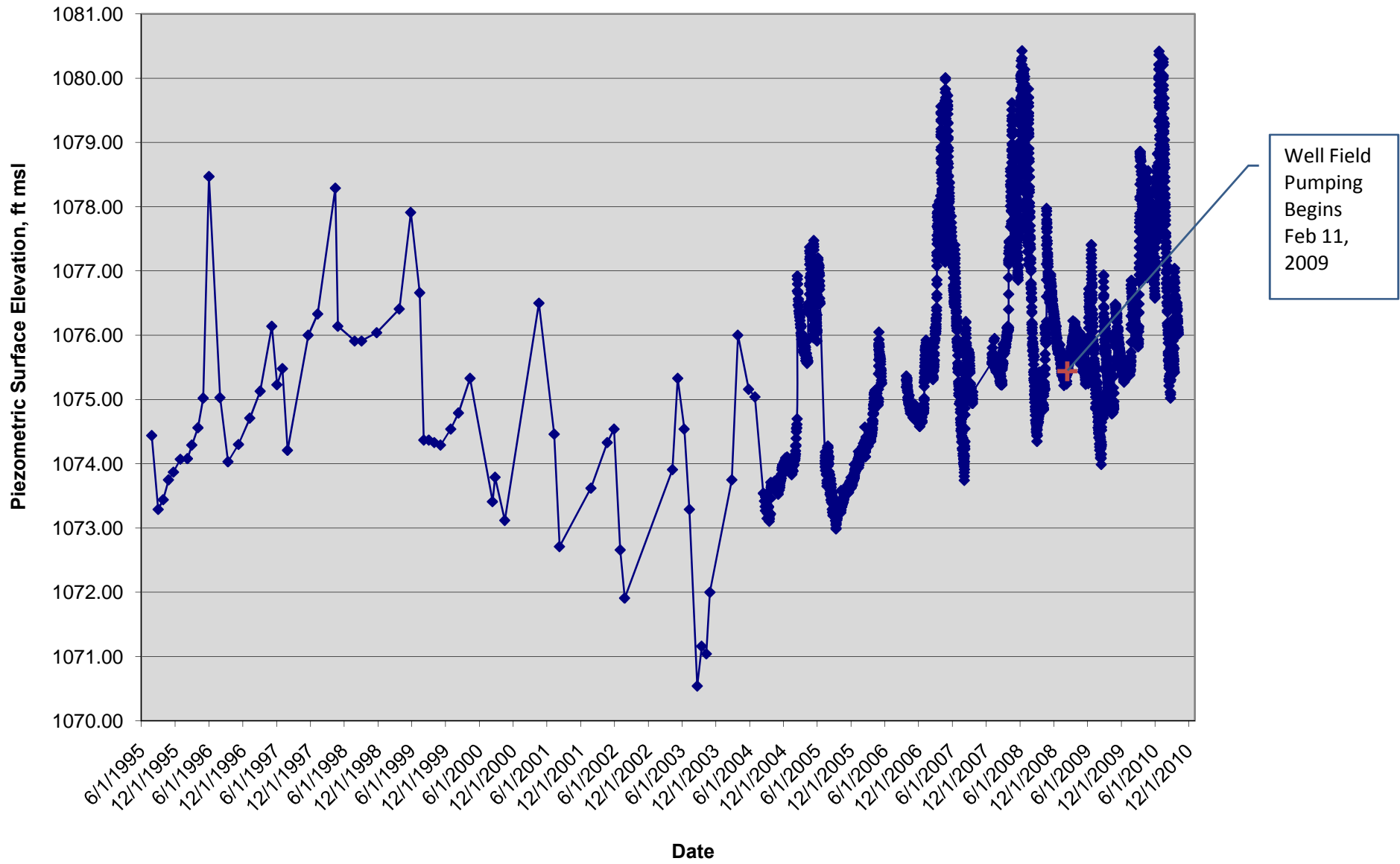
Long Term Historical
Piezometric Surface Elevations
Monitoring Well Location MW 94-5
1995 - 2010



Long Term Historical
Piezometric Surface Elevations
Monitoring Well Location MW 94-6
1995 - 2010



Long Term Historical
Piezometric Surface Elevations
Monitoring Well Location MW 94-7
1995 - 2010

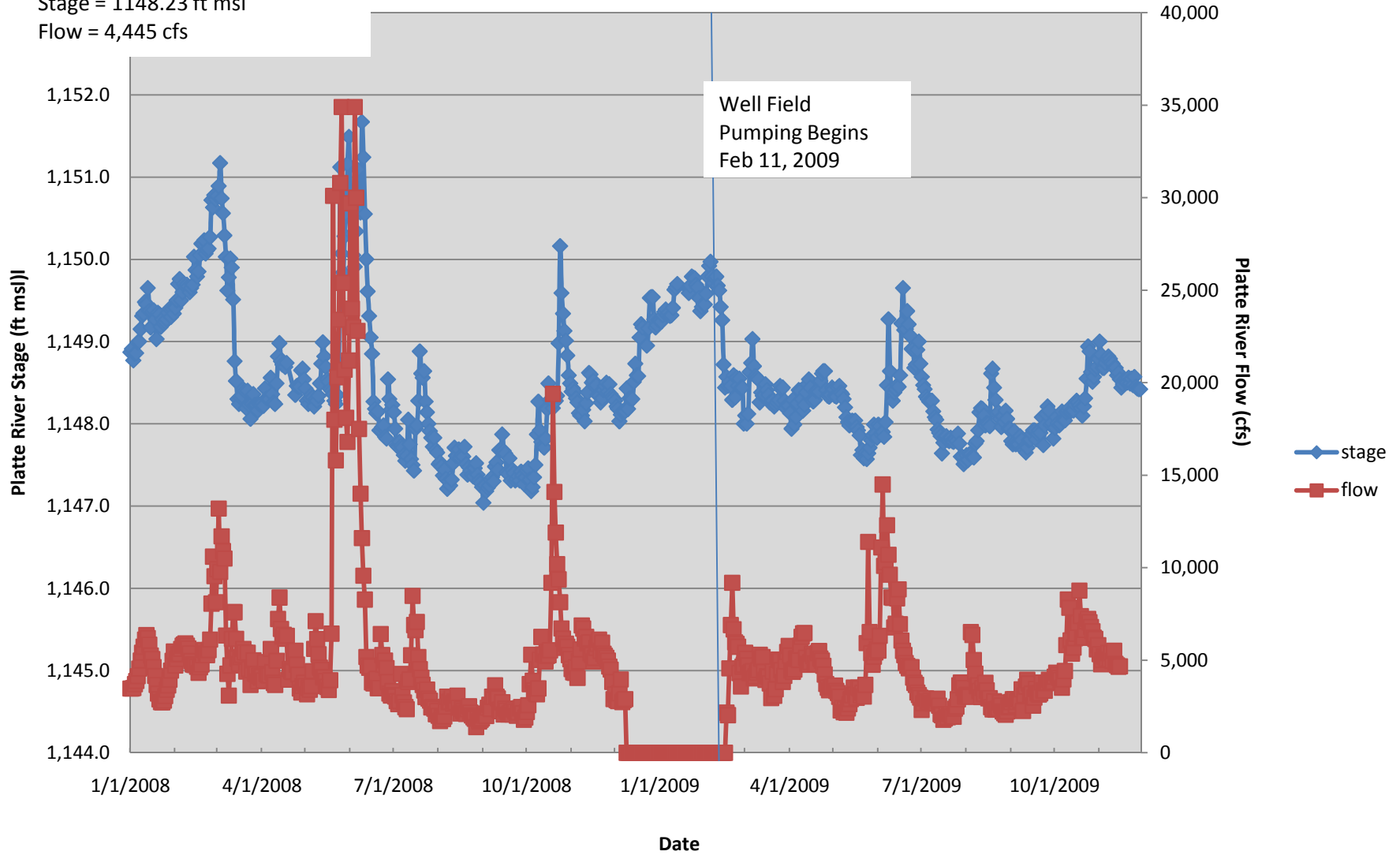


Appendix 3-4

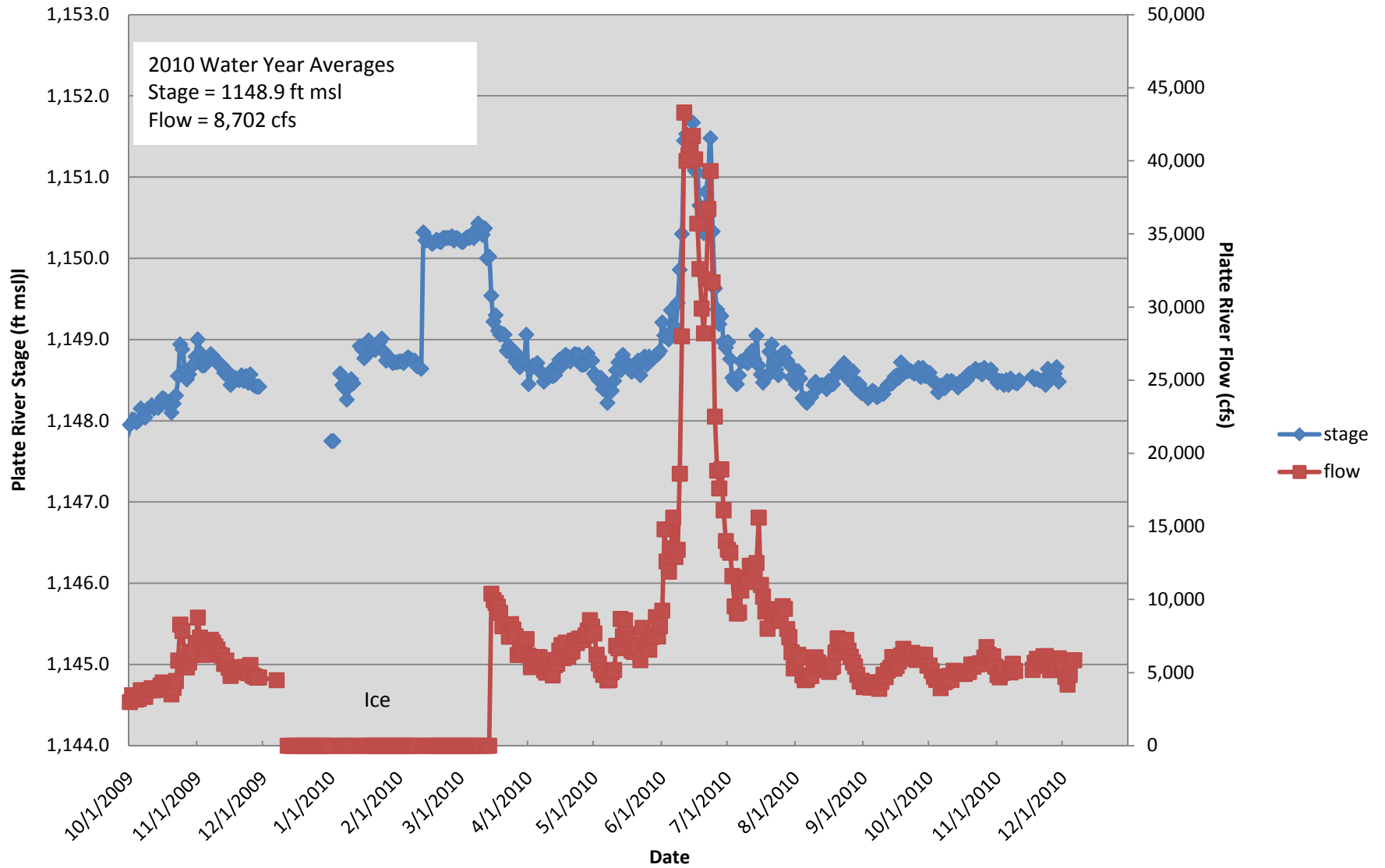
Platte River Streamflow/Stage Data

Platte River Flow Conditions for 2009 at Leshara Gauge

Feb to Nov 2009 Averages
Stage = 1148.23 ft msl
Flow = 4,445 cfs

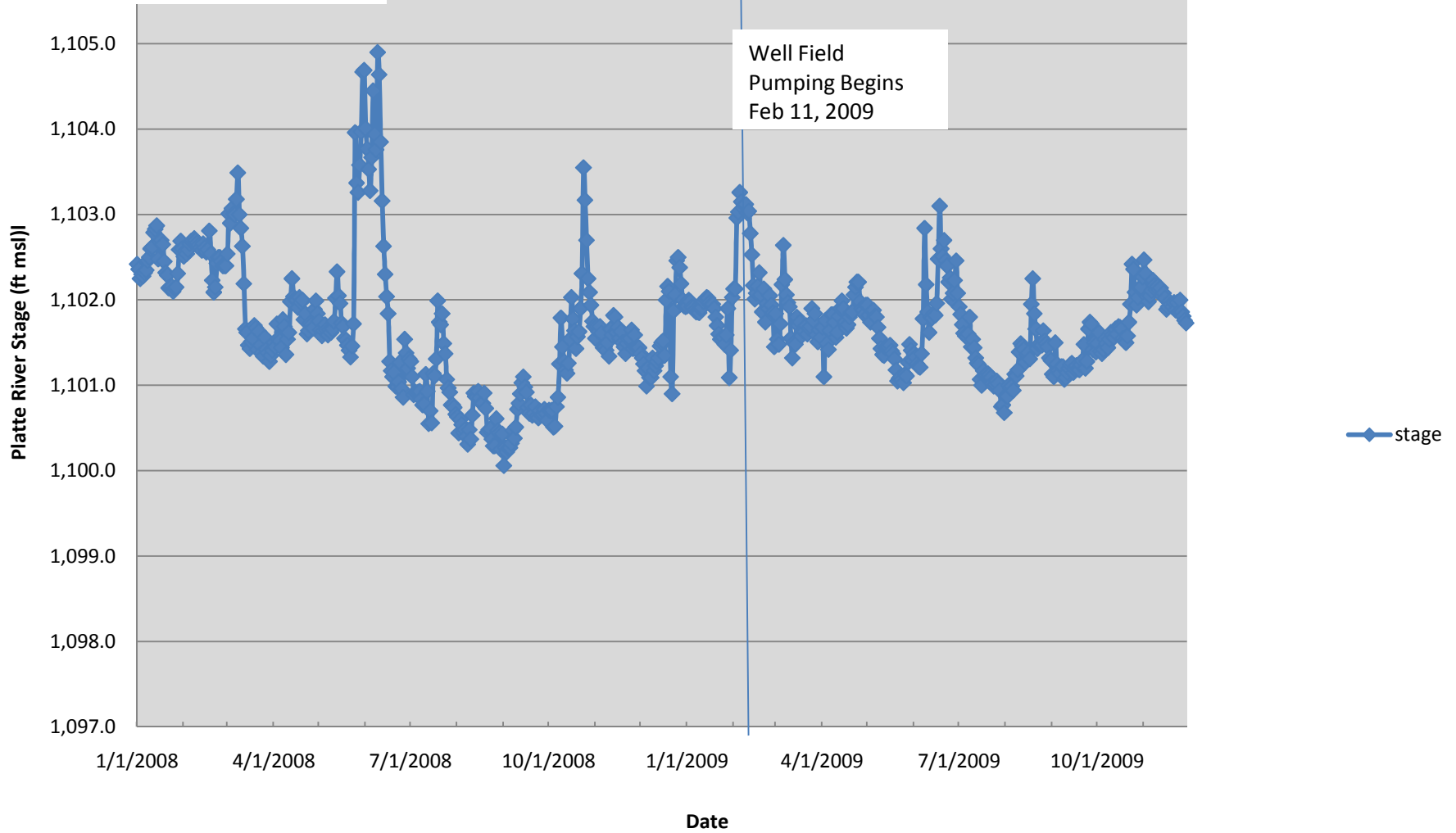


Platte River Flow Conditions for Water Year 2010 at Leshara Gauge

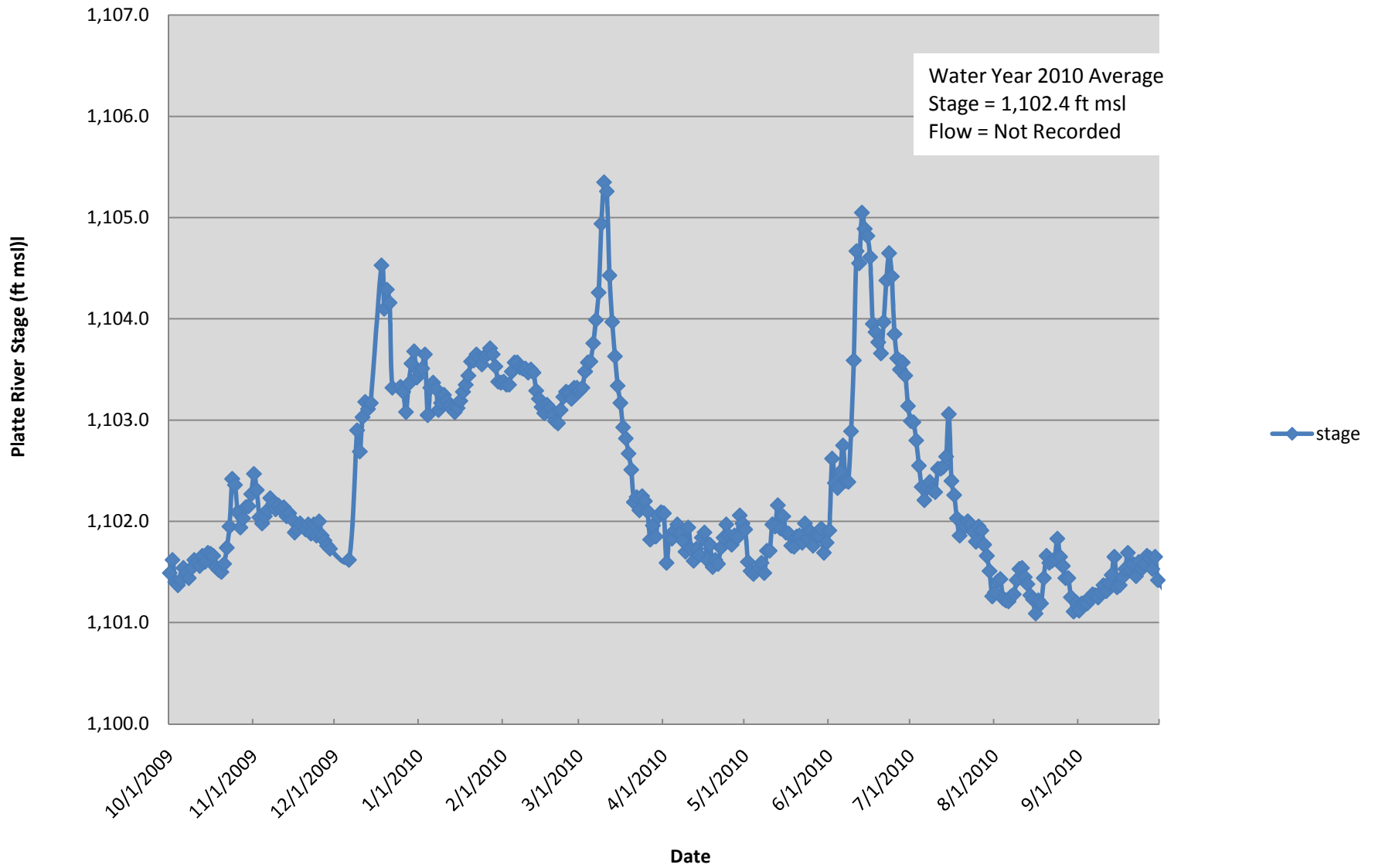


Platte River Flow Conditions for Water Year 2009 at Venice Gauge

Feb to Nov 2009 Averages
Stage = 1,101.64 ft msl
Flow = Not Recorded

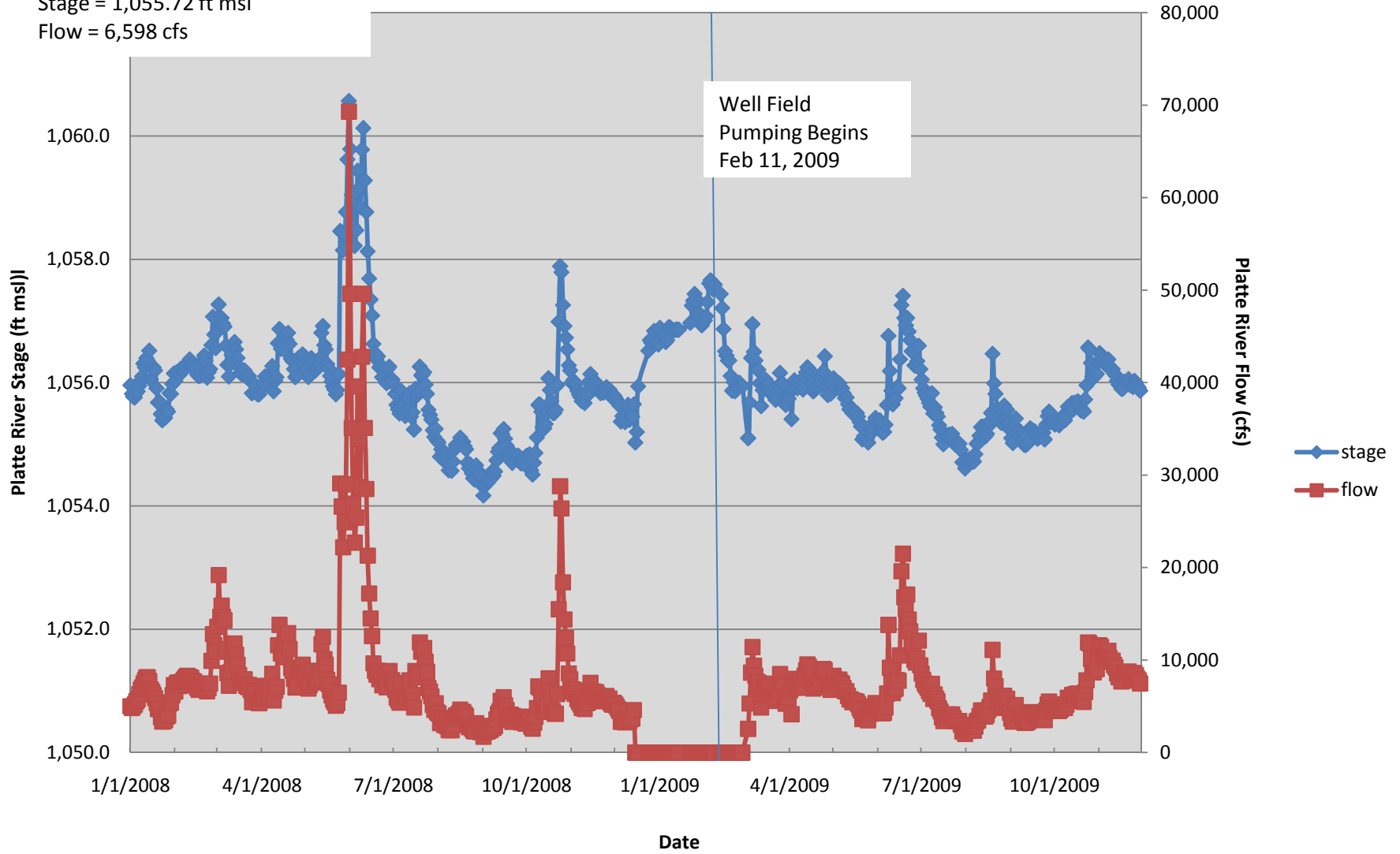


Platte River Stage Conditions for Water Year 2010 at Venice Gauge

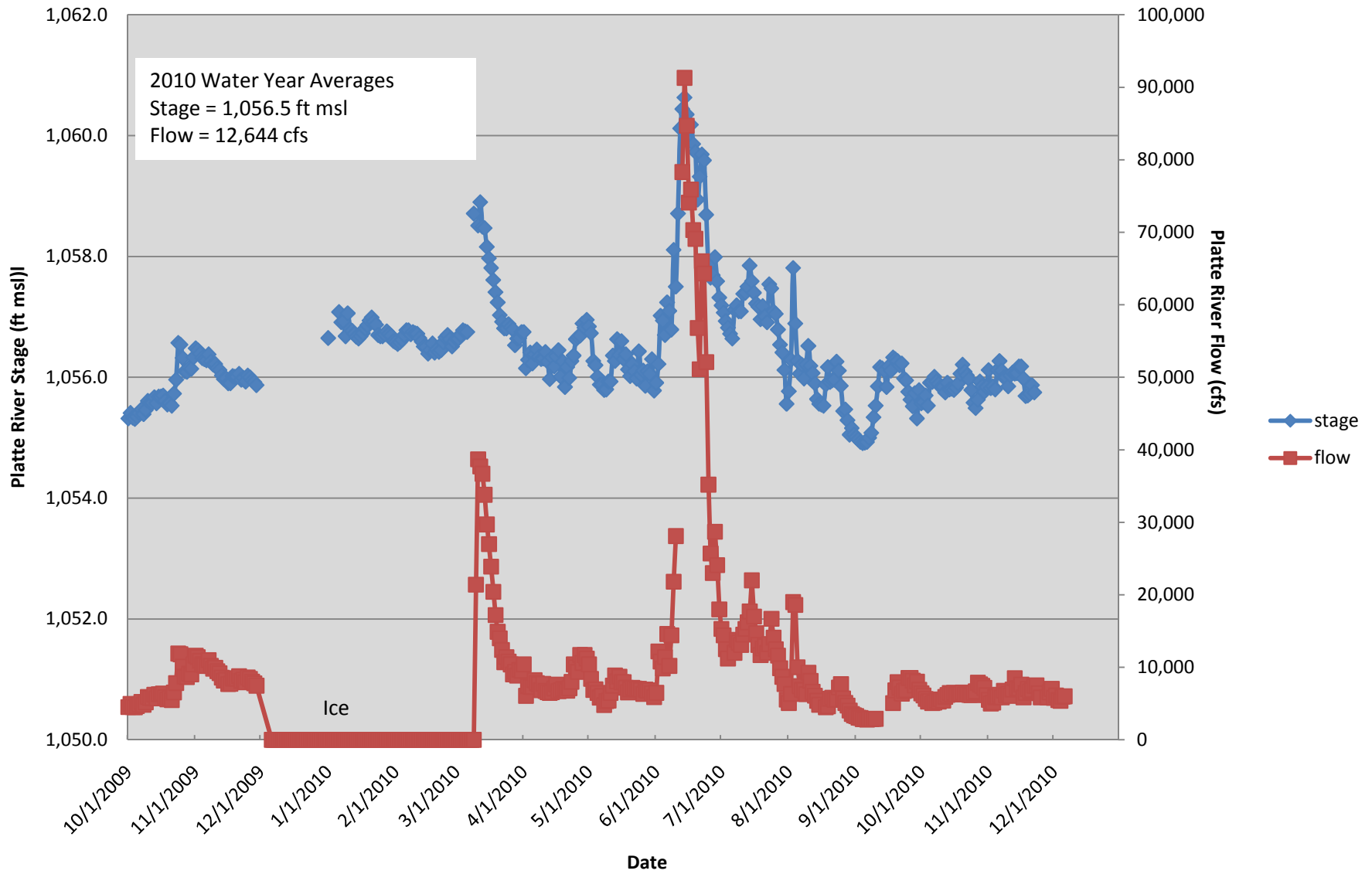


Platte River Flow Conditions for 2009 at Ashland Gauge

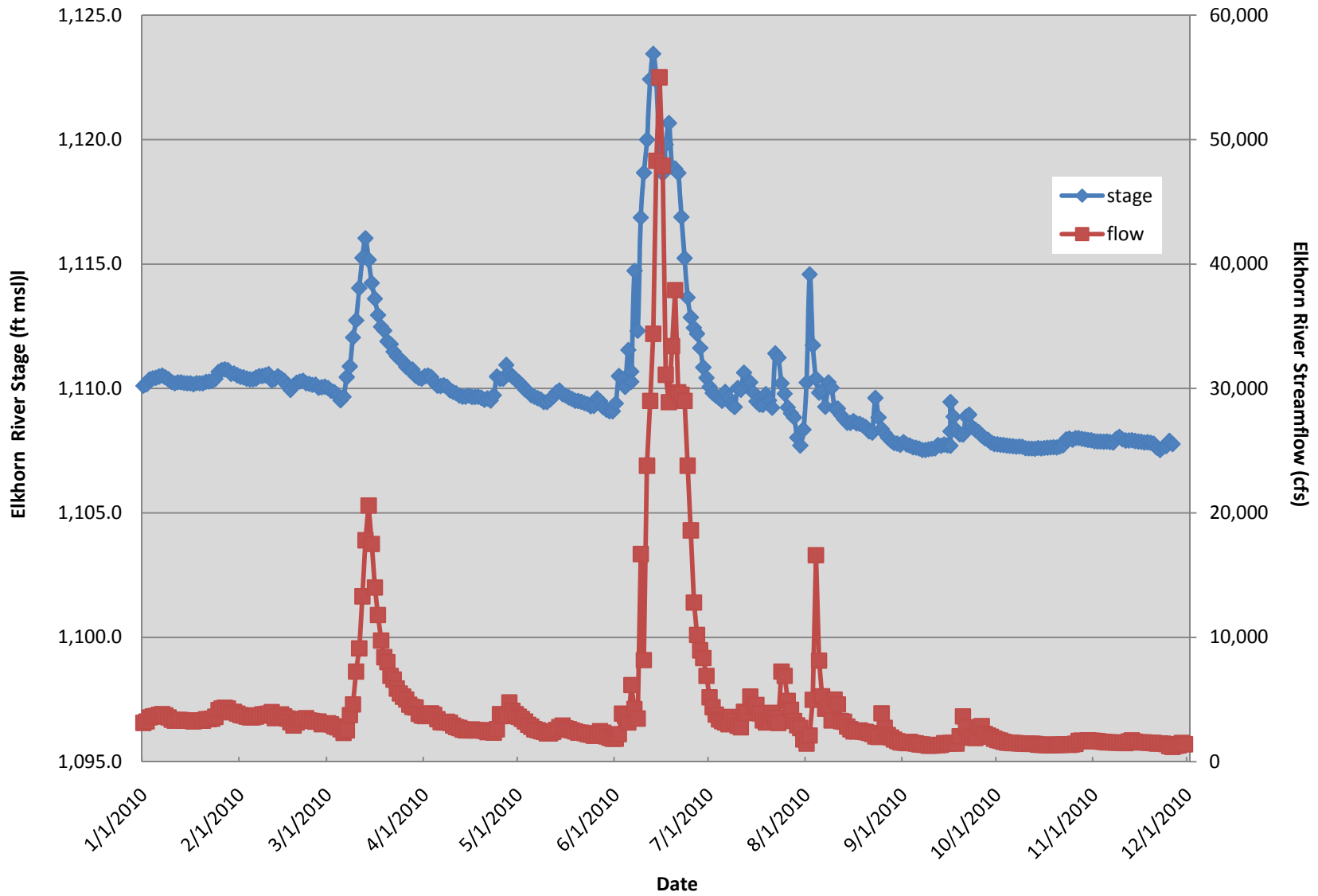
Feb to Nov 2009 Averages
Stage = 1,055.72 ft msl
Flow = 6,598 cfs



Platte River Flow Conditions for Water Year 2010 at Ashland Gauge



Elkhorn River Flow Conditions for Water Year 2010 Waterloo Gauge



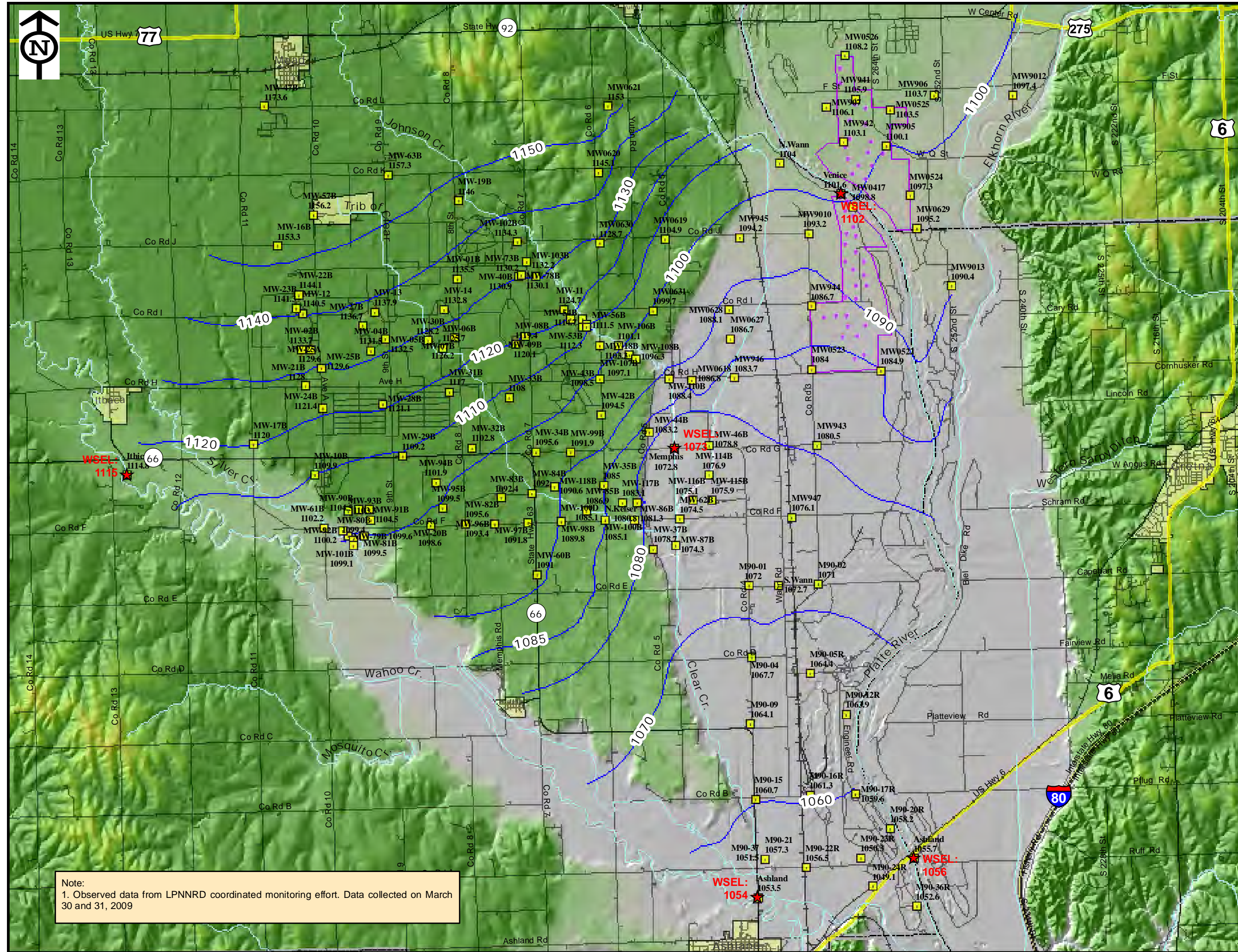
Appendix 3-3

Previous Interpreted Potentiometric Surface Maps



**Platte West Well Field
Nebraska Ordnance Plant
Groundwater Report**

**Figure 3-2:
March 2009 Observed
Potentiometric Surface
(ft, msl)**



- MW-13B
1153.3
- Observation Wells with Observed Water Level
- Stream Gage
- MUD Pumping Wells
- Potentiometric Surface Contour (ft, msl)
- Stream
- MUD Well Field
- Railroad
- Highway**
- Interstate
- US
- State
- Local
- County Boundary
- City

Note:
1. Observed data from LPNDRD coordinated monitoring effort. Data collected on March 30 and 31, 2009

0 1 2 Miles



January 2010

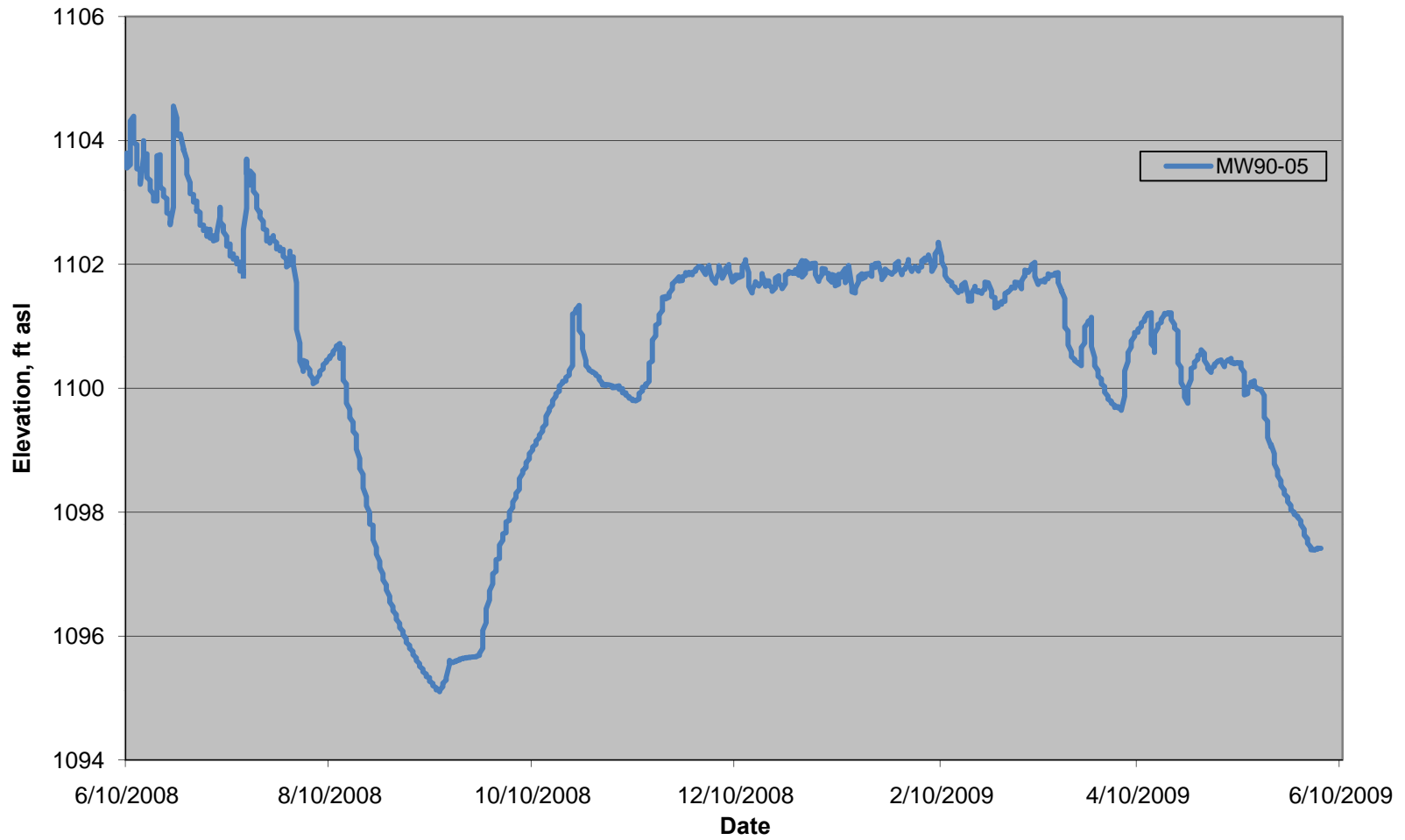
Appendix 3-2

2008 – 2010 Data

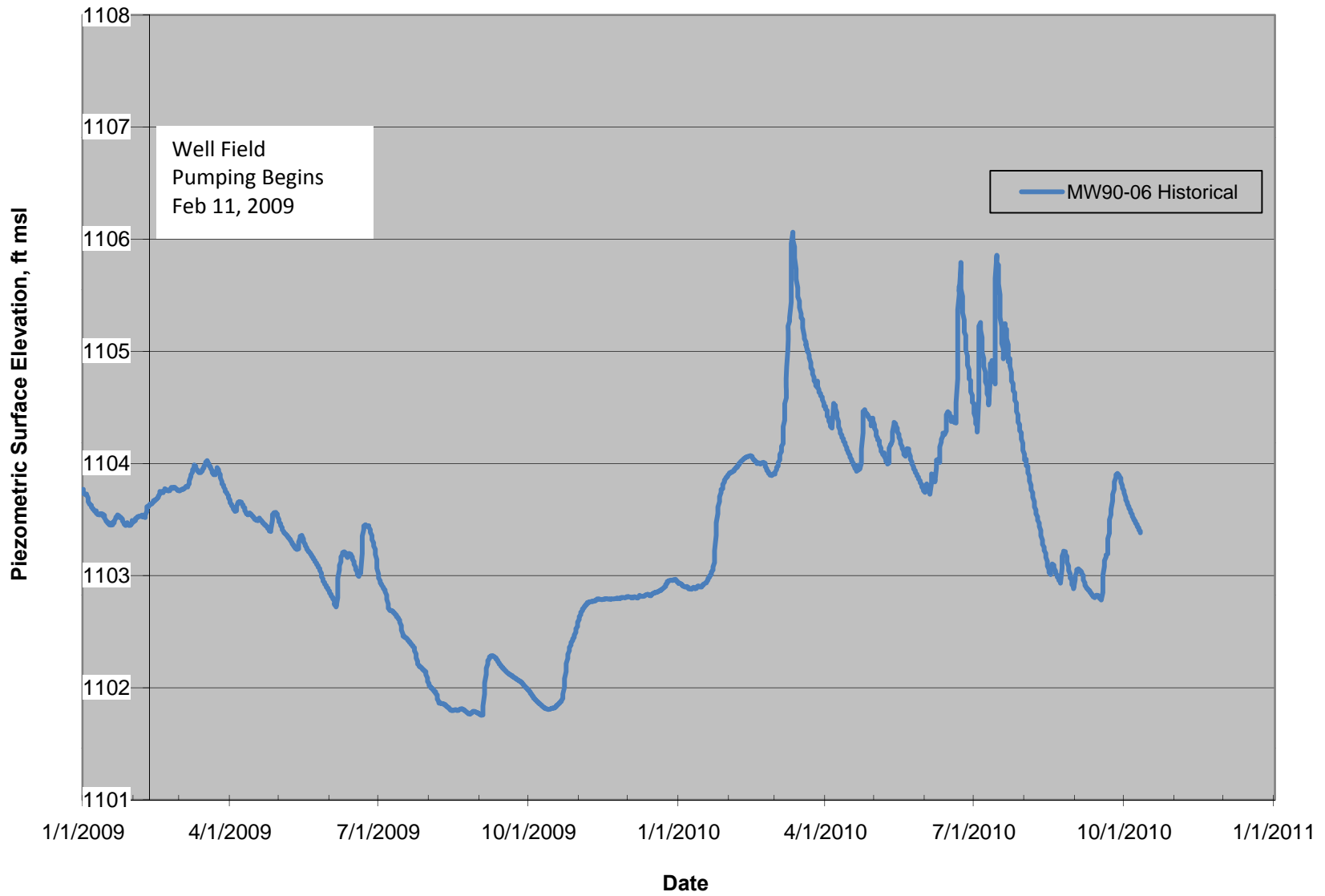
Monitoring Well Hydrographs

Douglas County Monitoring Wells

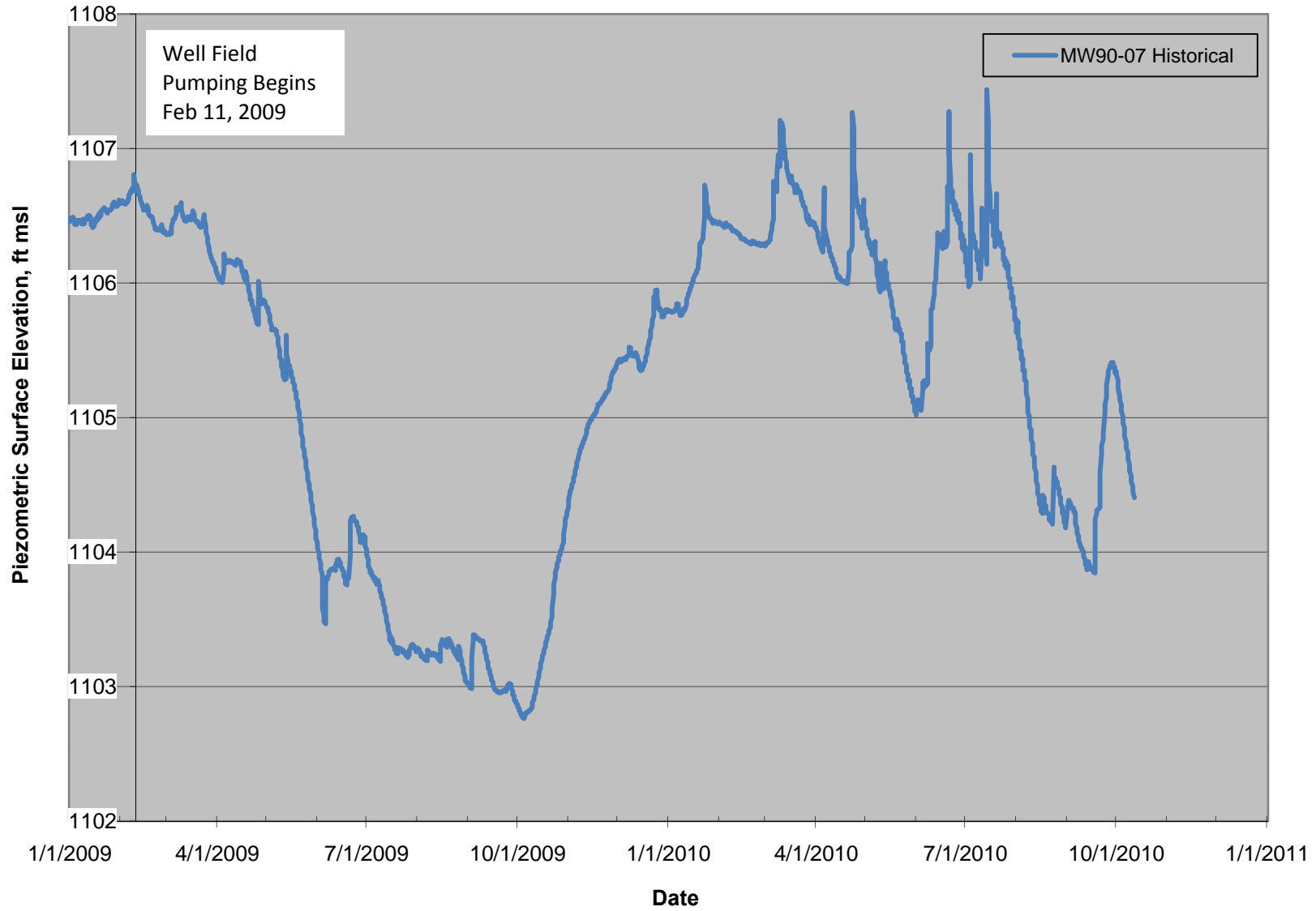
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MW90-05 Groundwater Elevation



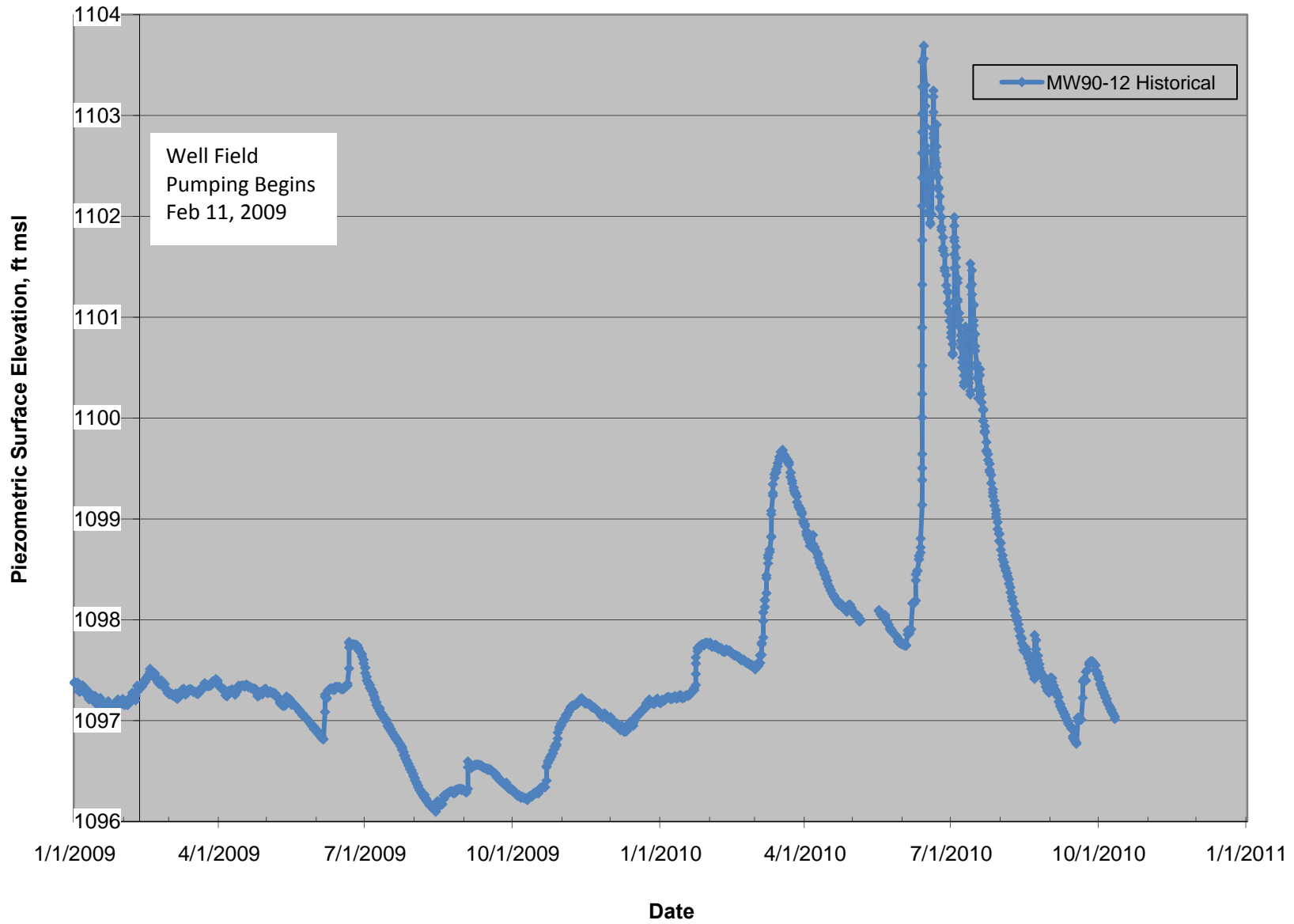
DRAFT
MW90-6 Piezometric Surface Elevations



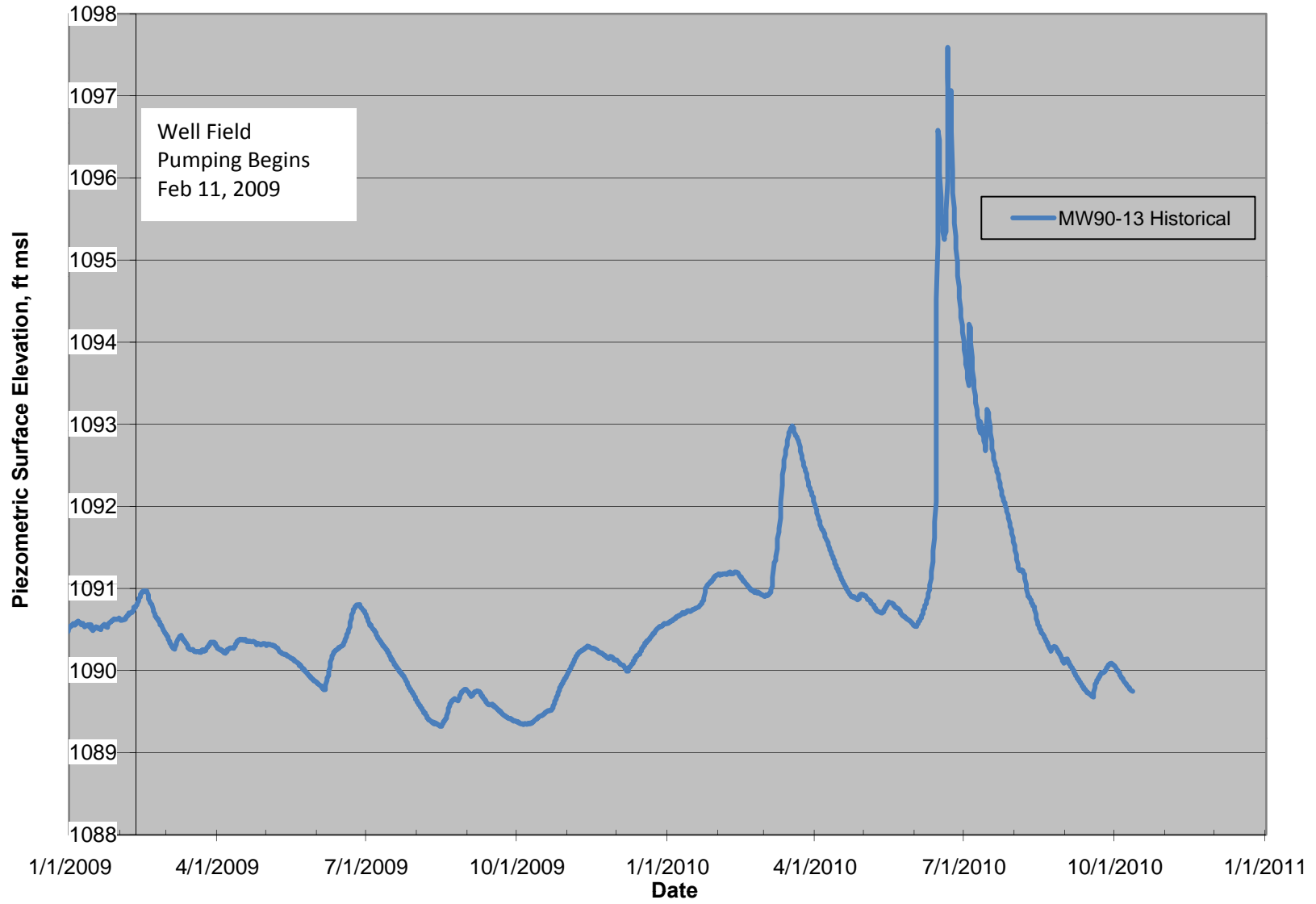
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MW90-7 Piezometric Surface Elevations



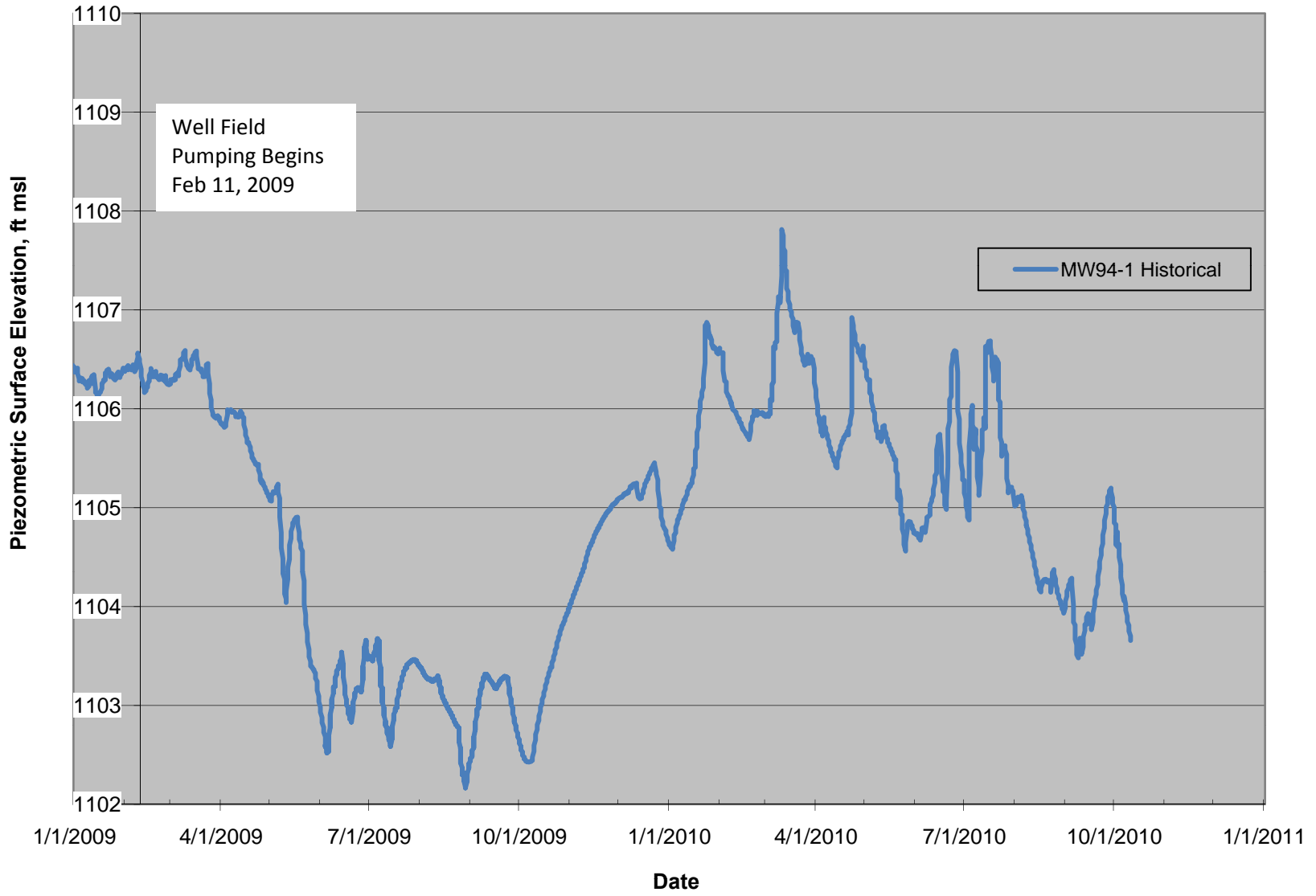
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MW90-12 Piezometric Surface Elevations



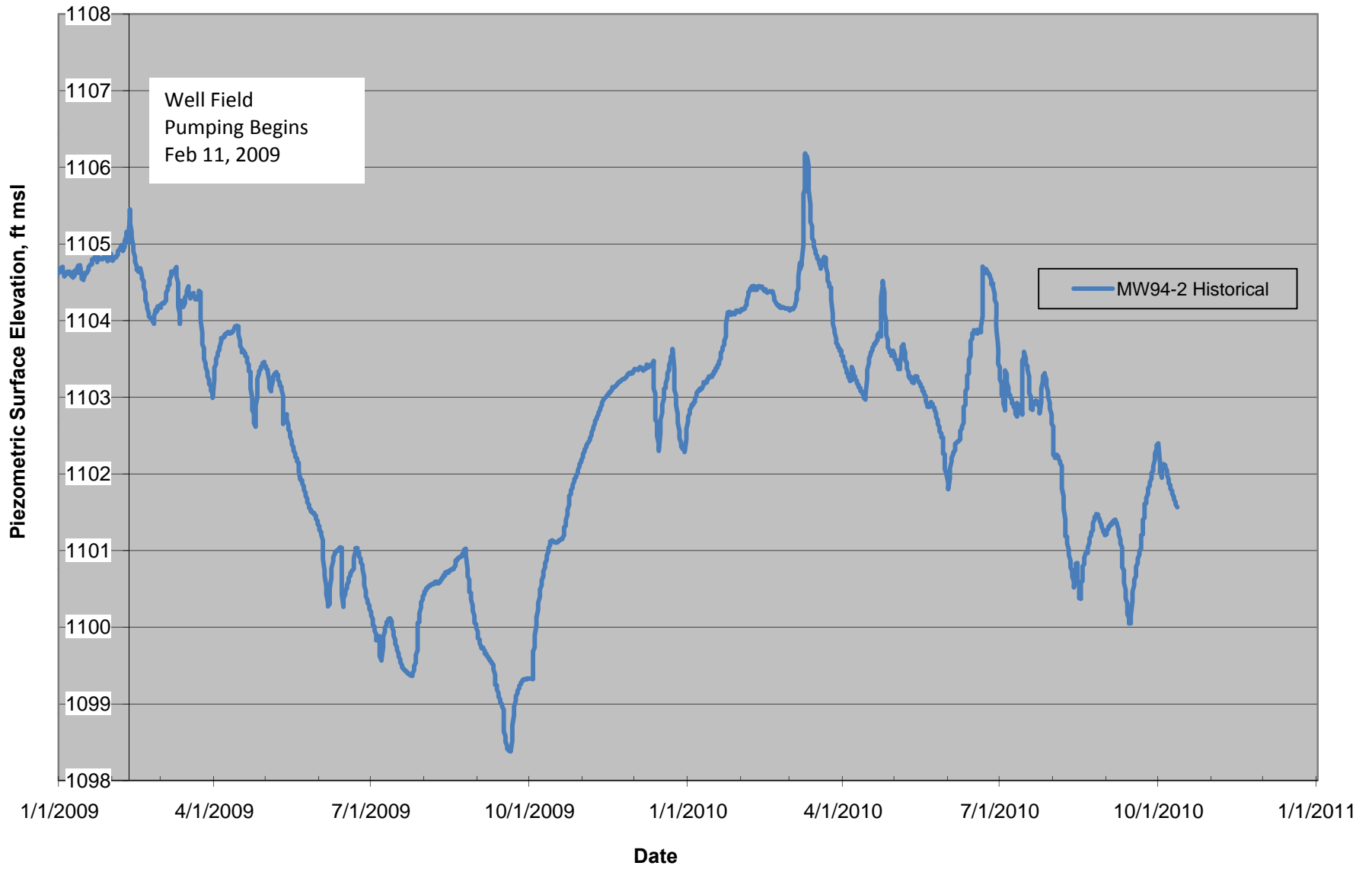
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MW90-13 Piezometric Surface Elevations



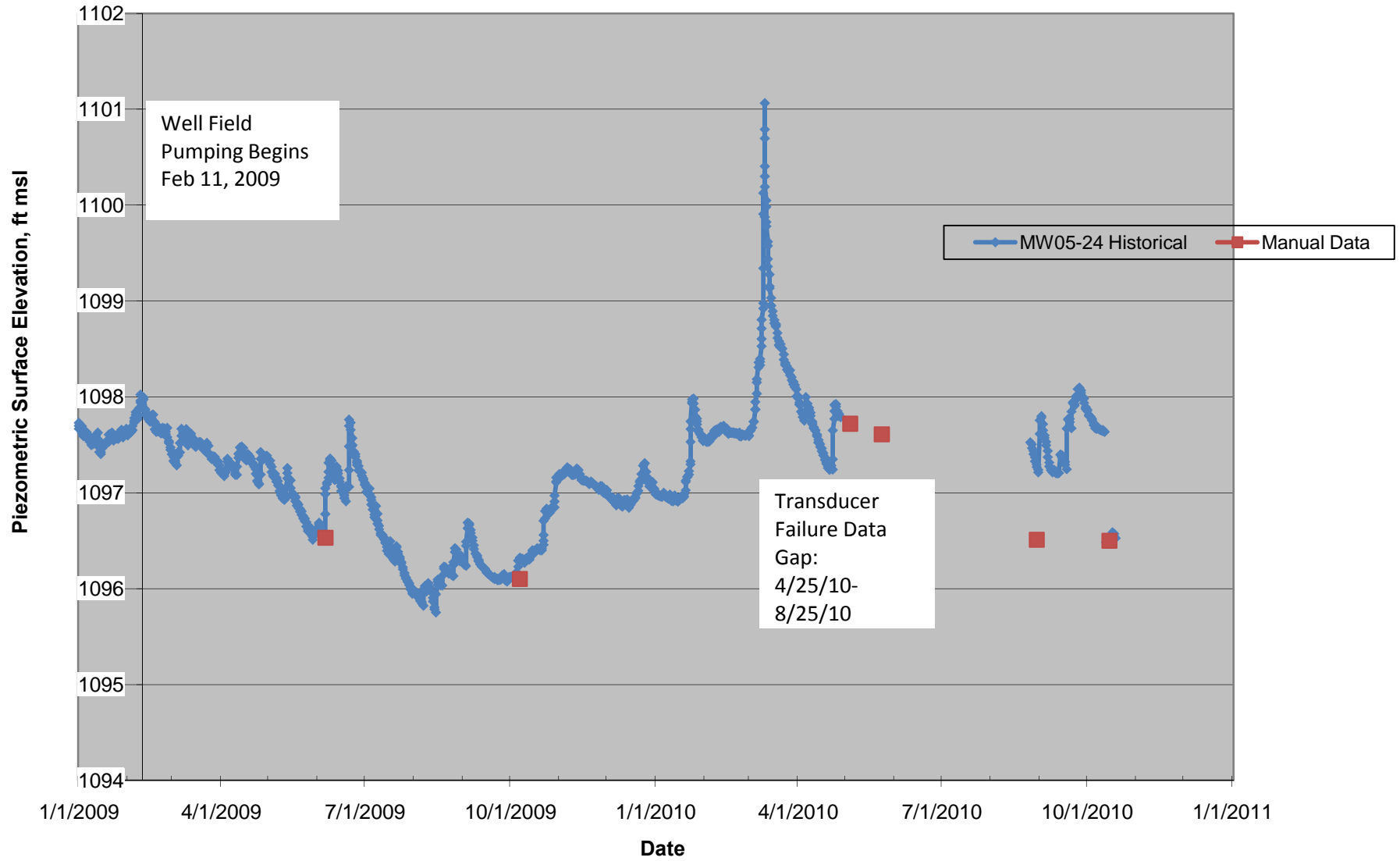
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MW94-1 Piezometric Surface Elevations



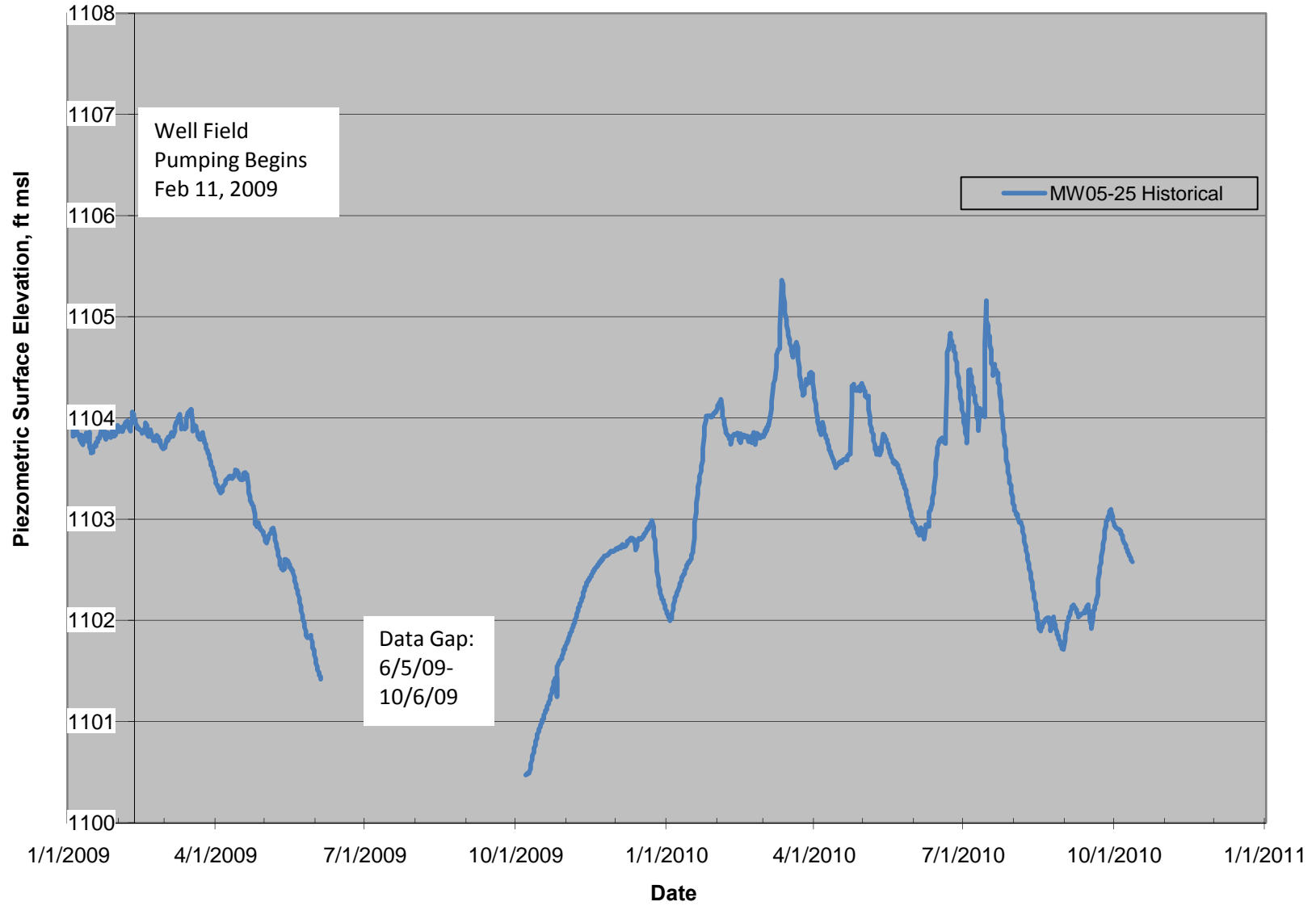
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MW94-2 Piezometric Surface Elevations



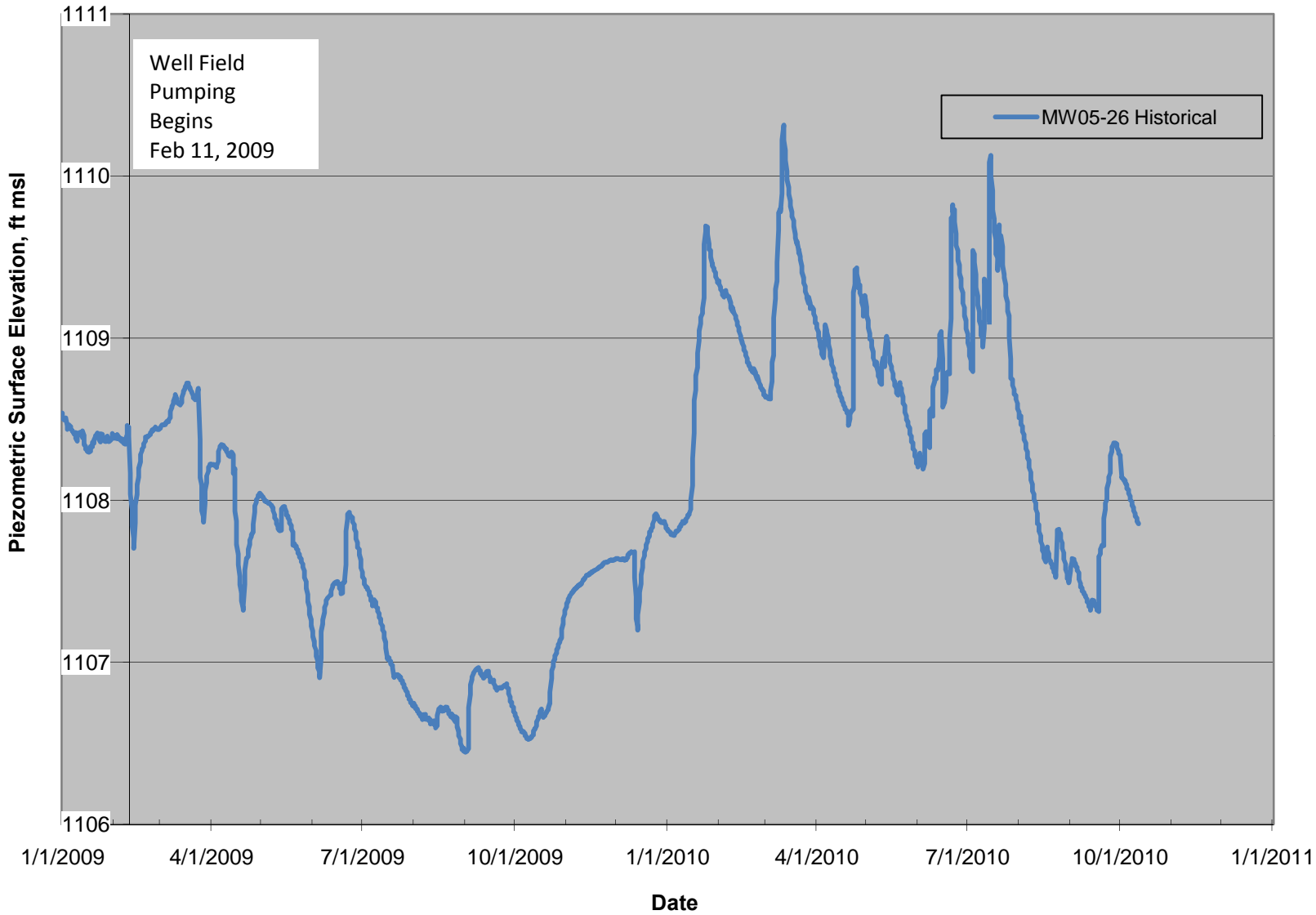
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MW05-24 Piezometric Surface Elevations



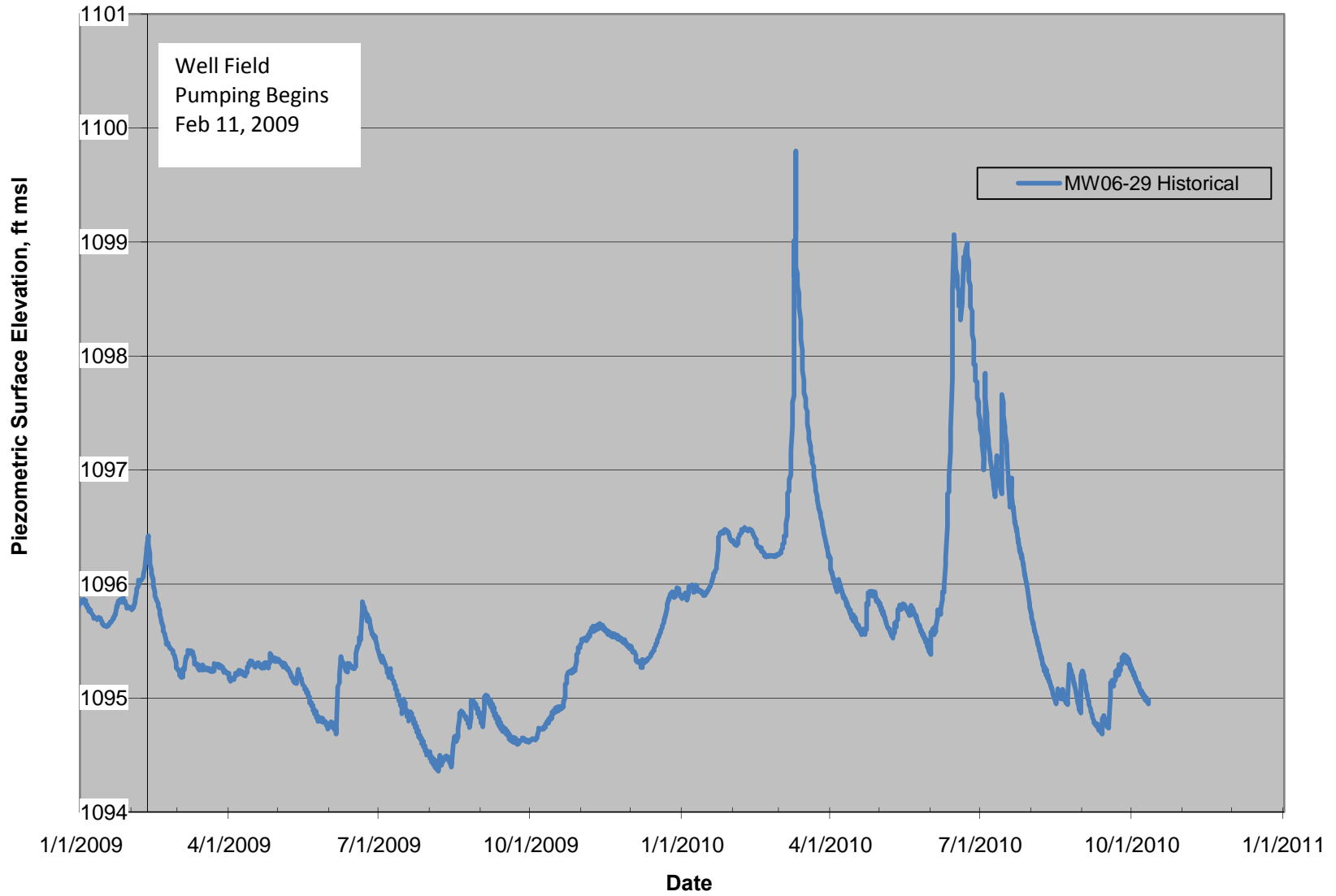
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MW05-25 Piezometric Surface Elevations



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MW05-26 Piezometric Surface Elevations

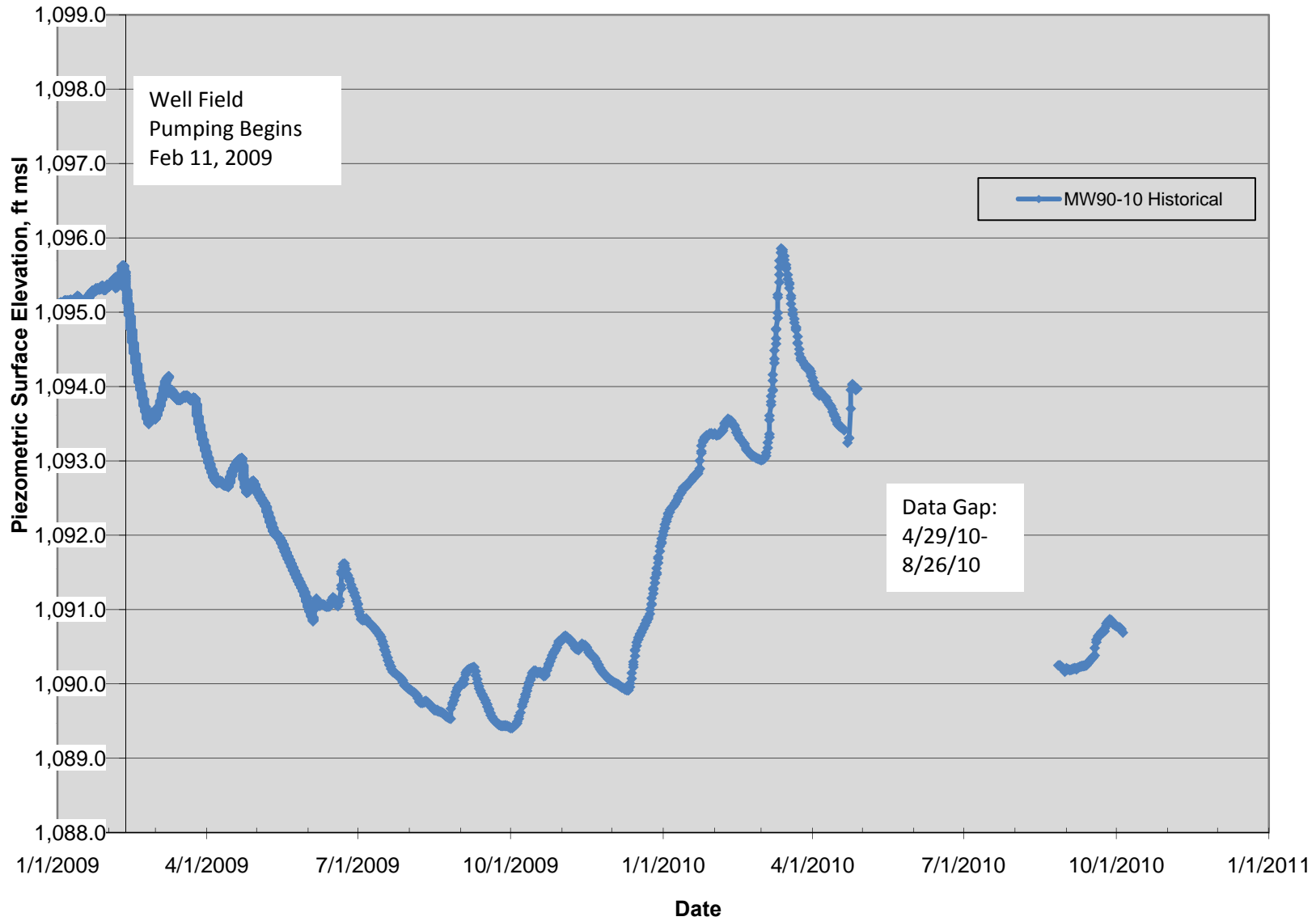


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MW06-29 Piezometric Surface Elevations

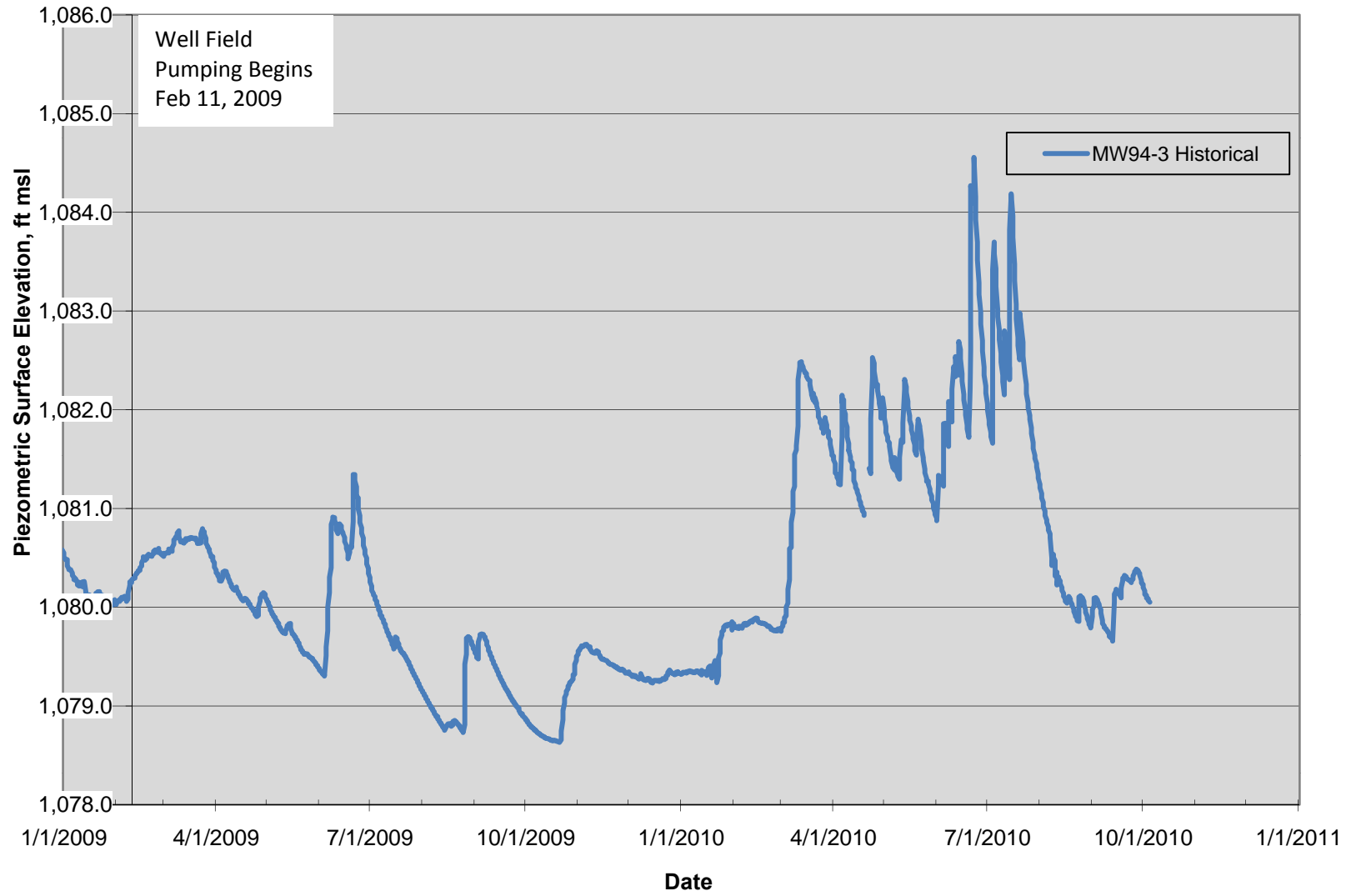


Saunders County Monitoring Wells

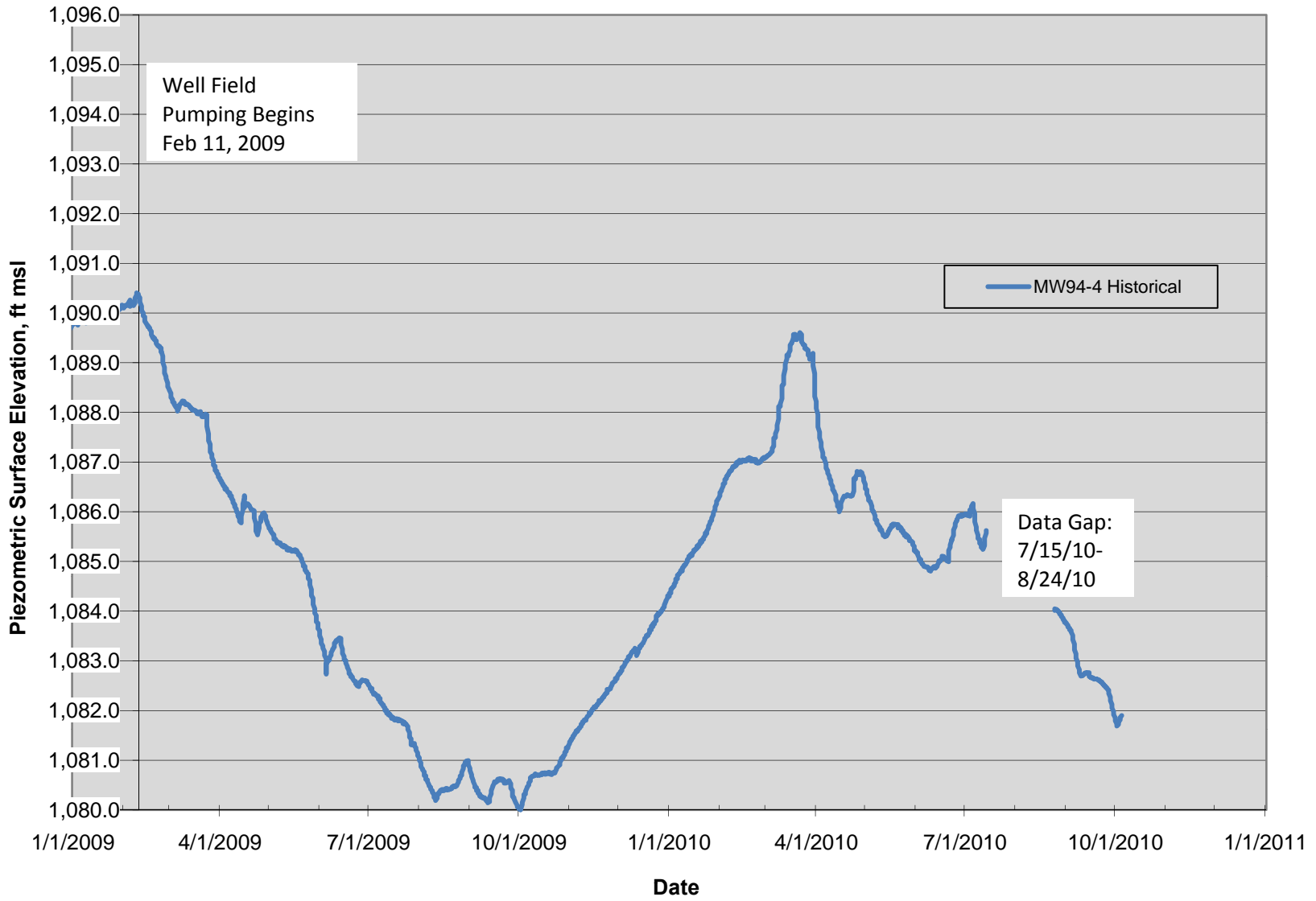
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MW90-10 Piezometric Surface Elevations



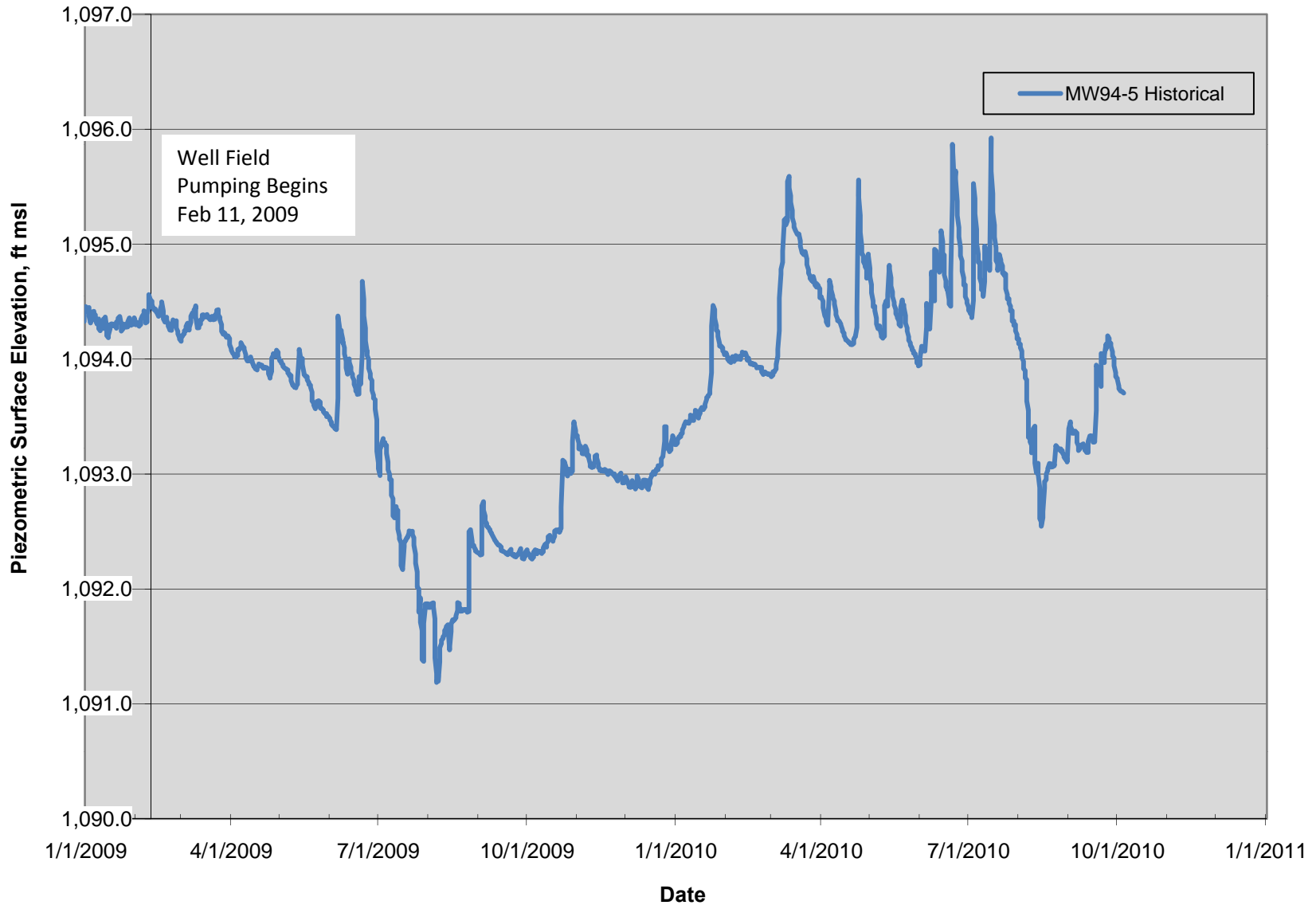
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MW94-3 Piezometric Surface Elevations



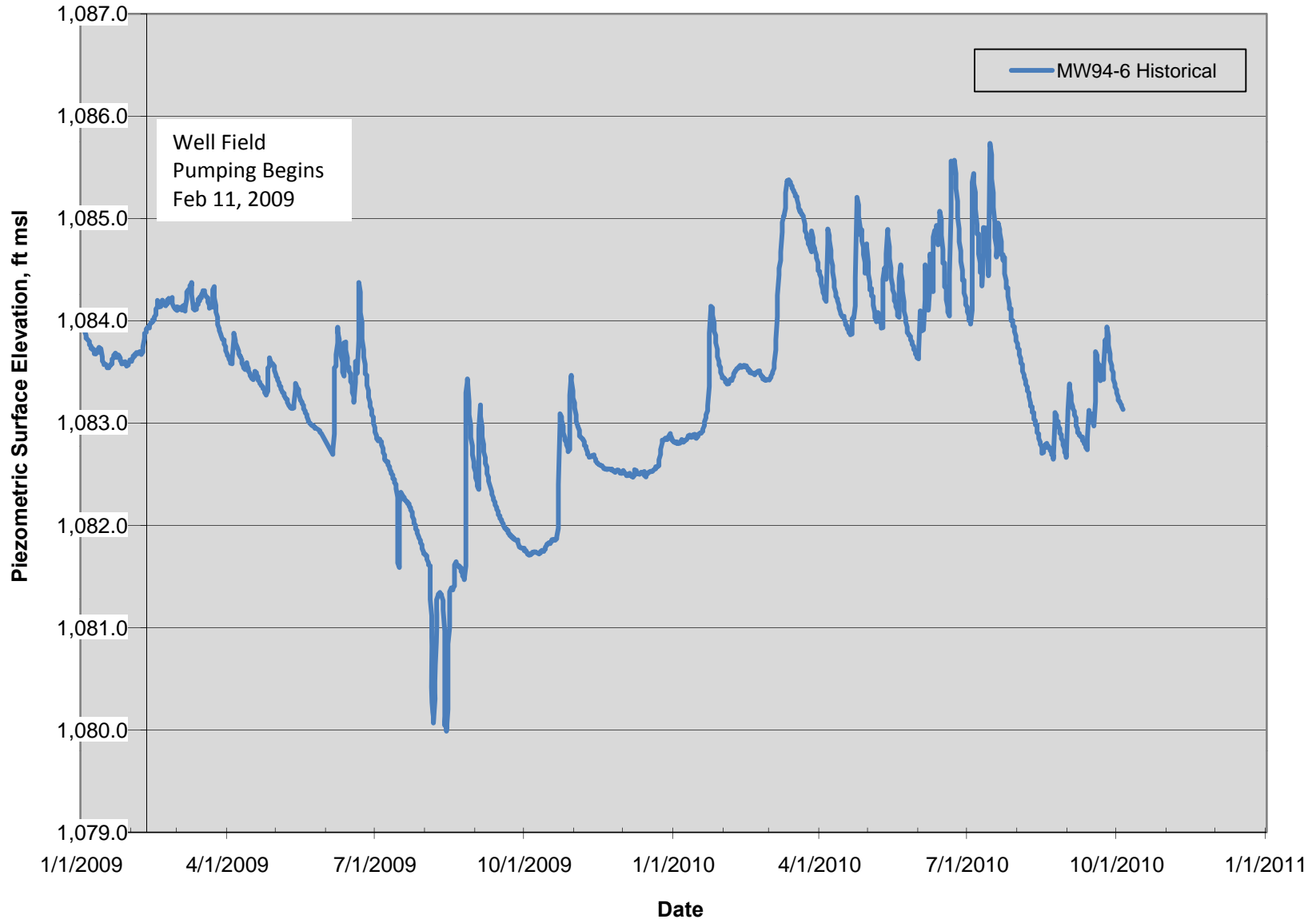
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MW94-4 Piezometric Surface Elevations



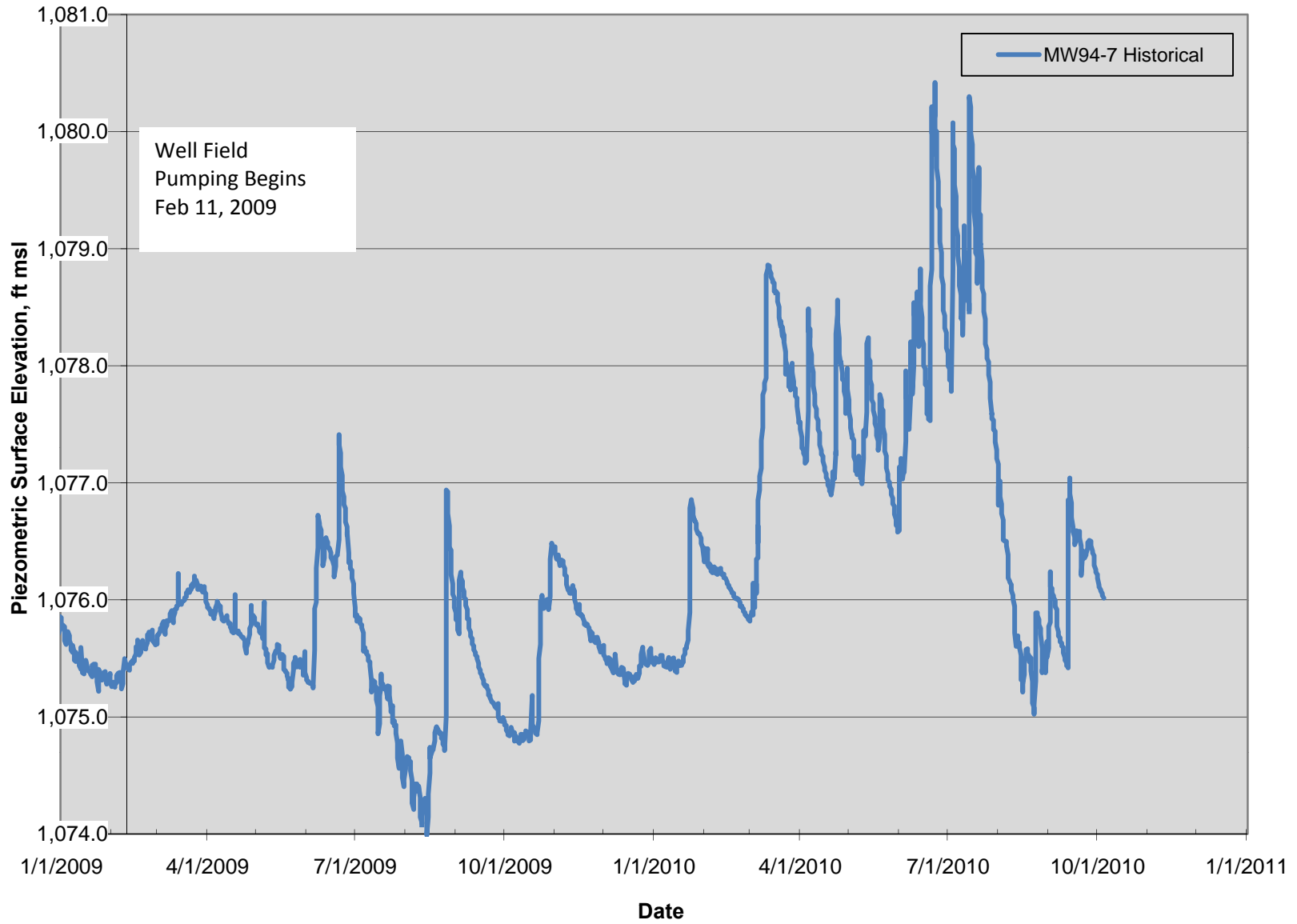
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MW94-5 Piezometric Surface Elevations



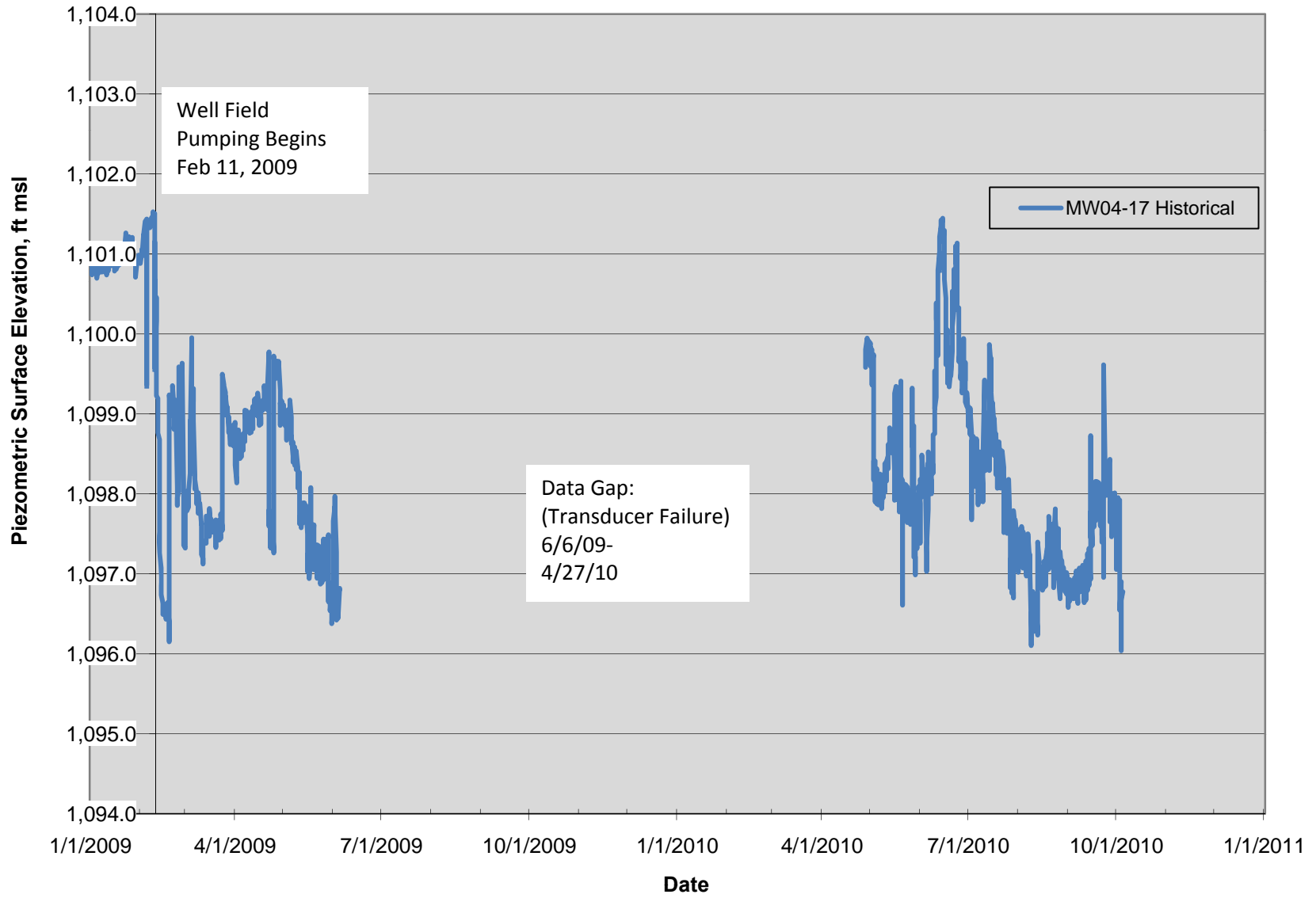
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MW94-6 Piezometric Surface Elevations



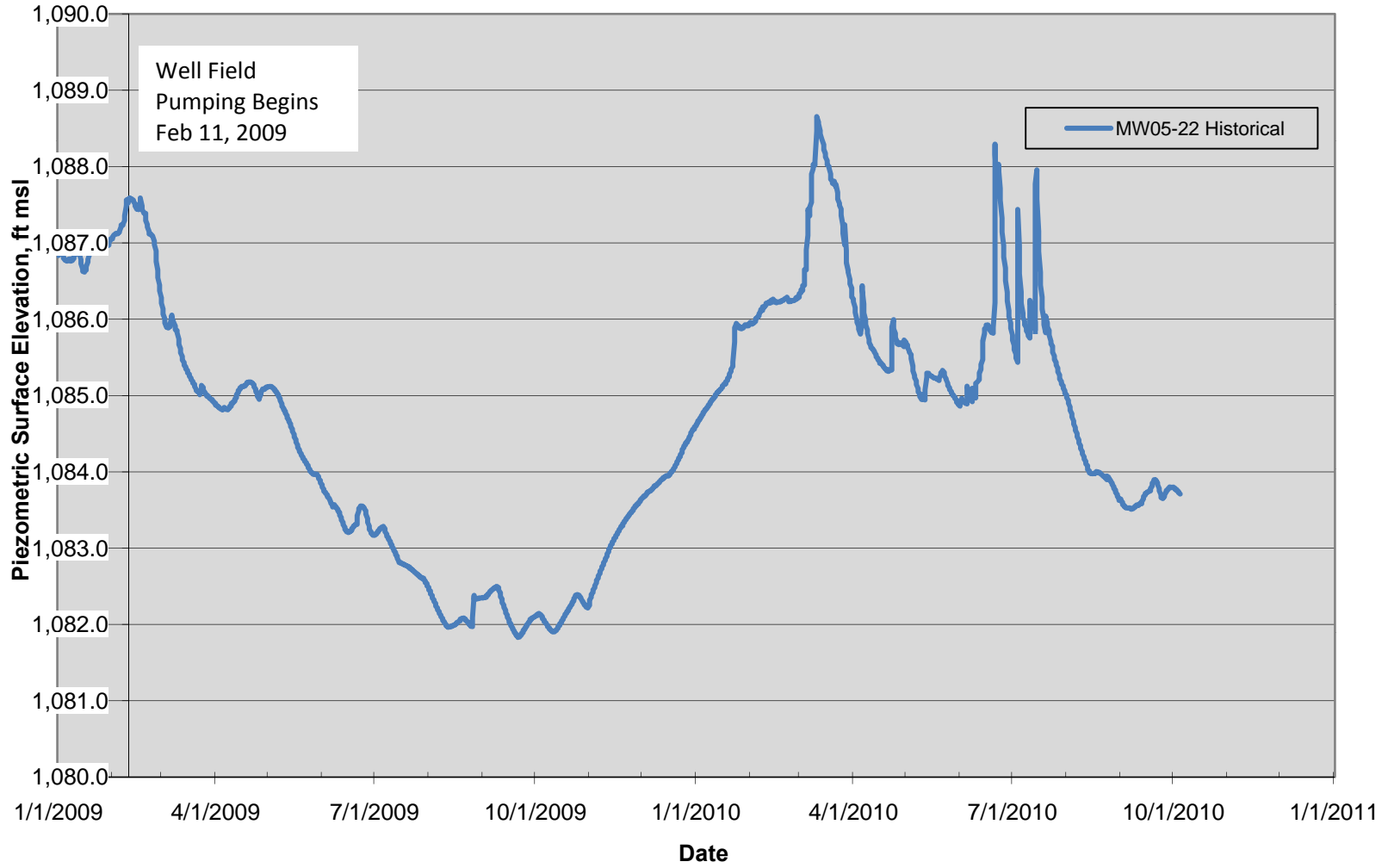
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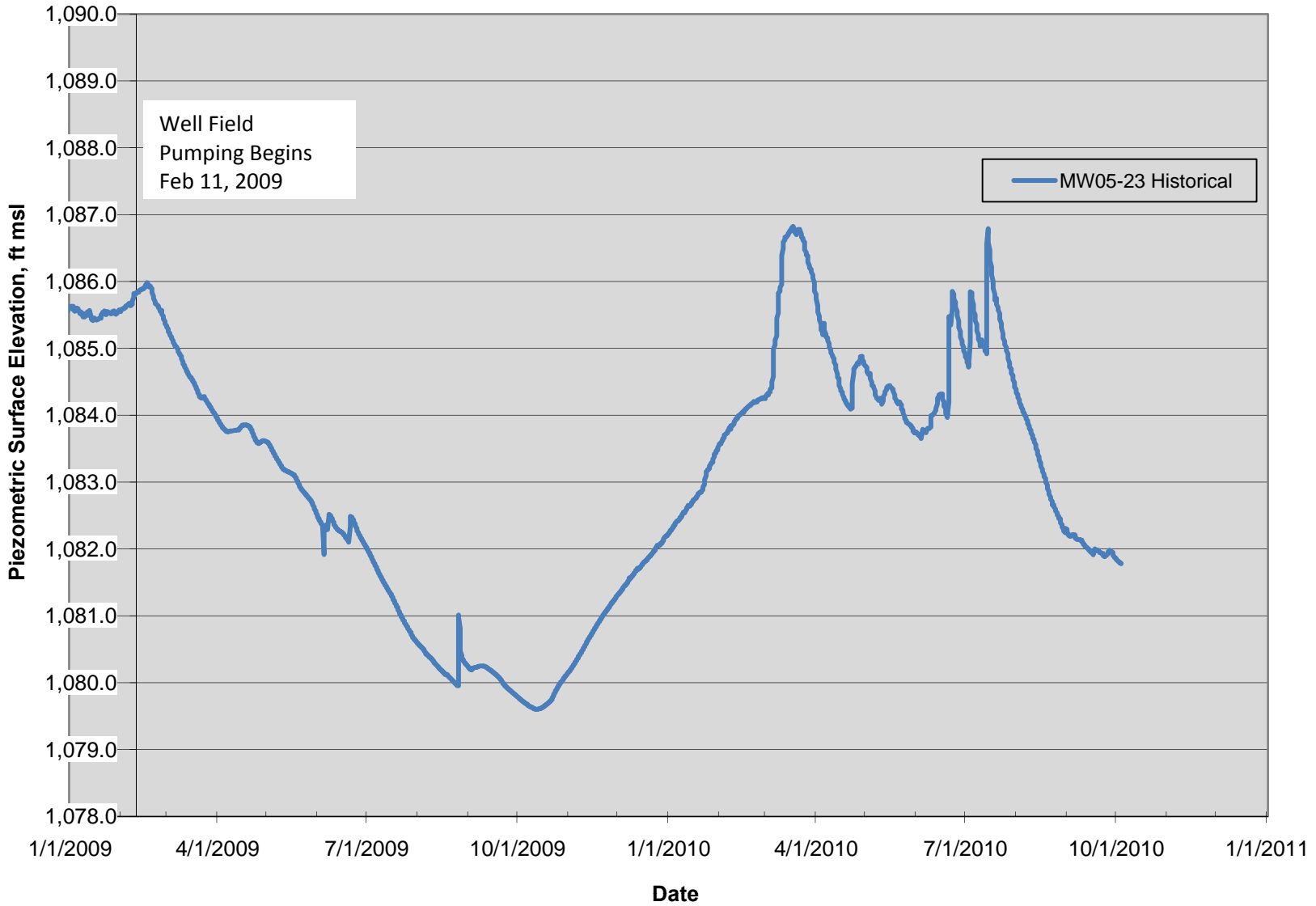
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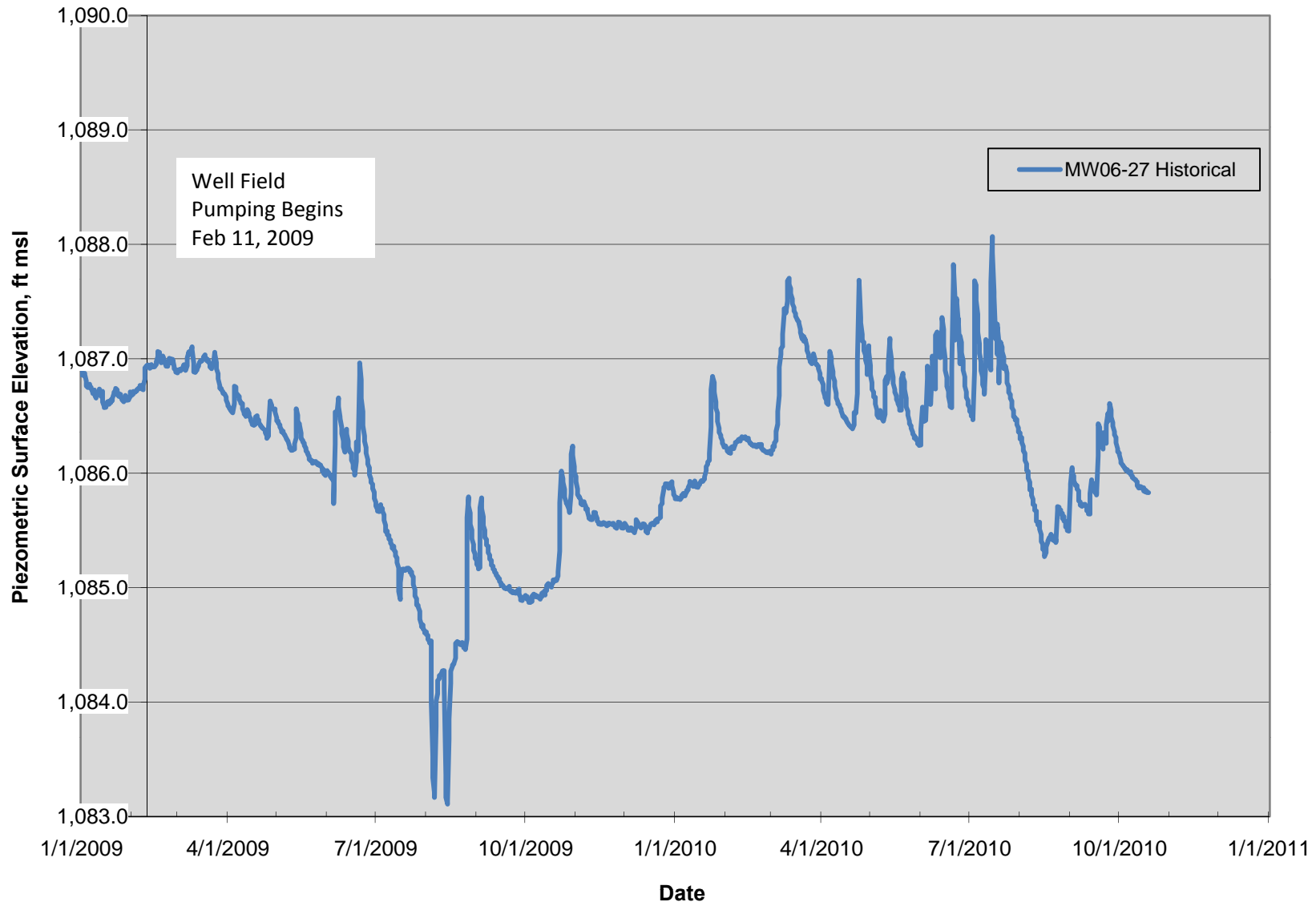
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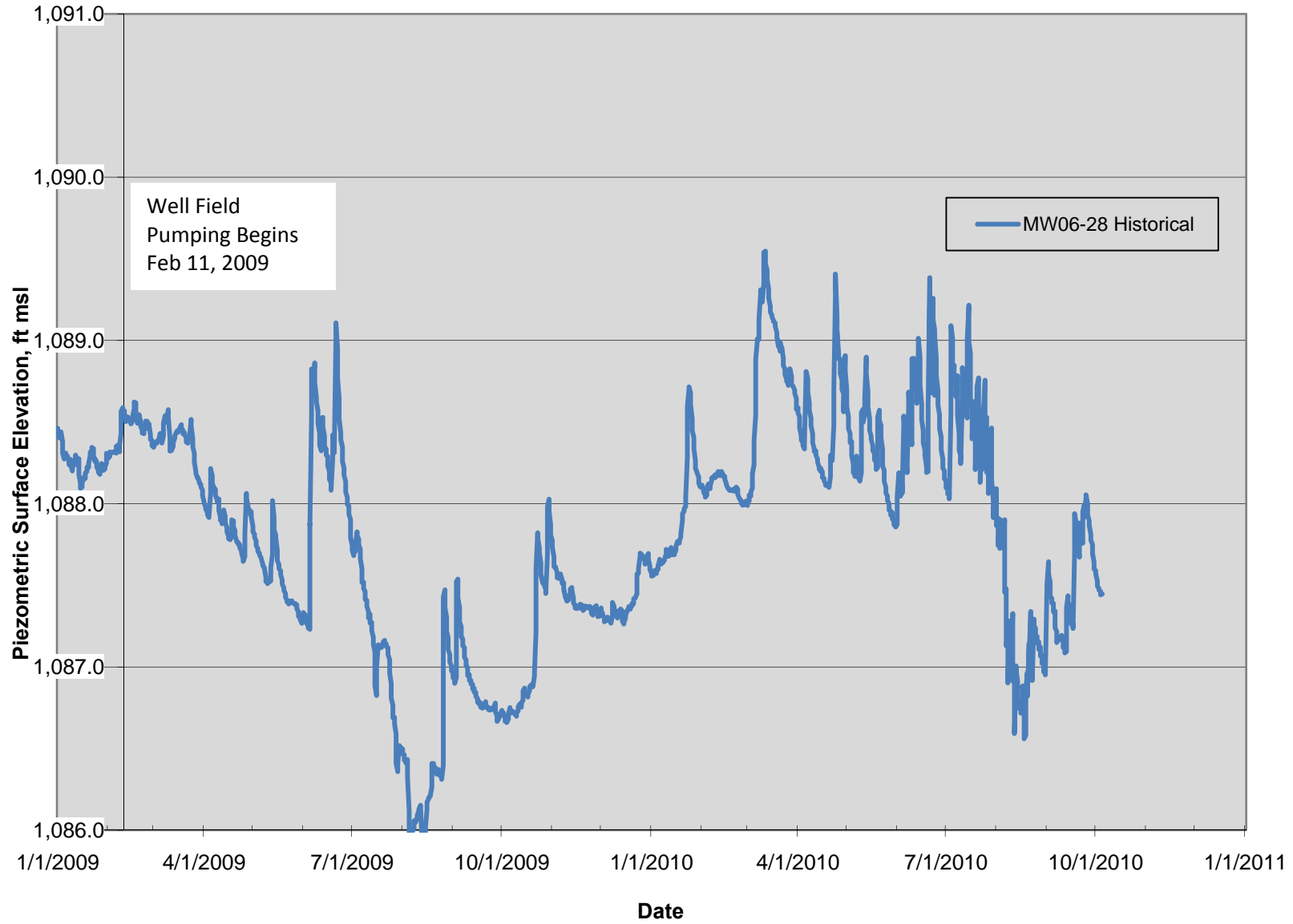
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MW05-23 Piezometric Surface Elevations



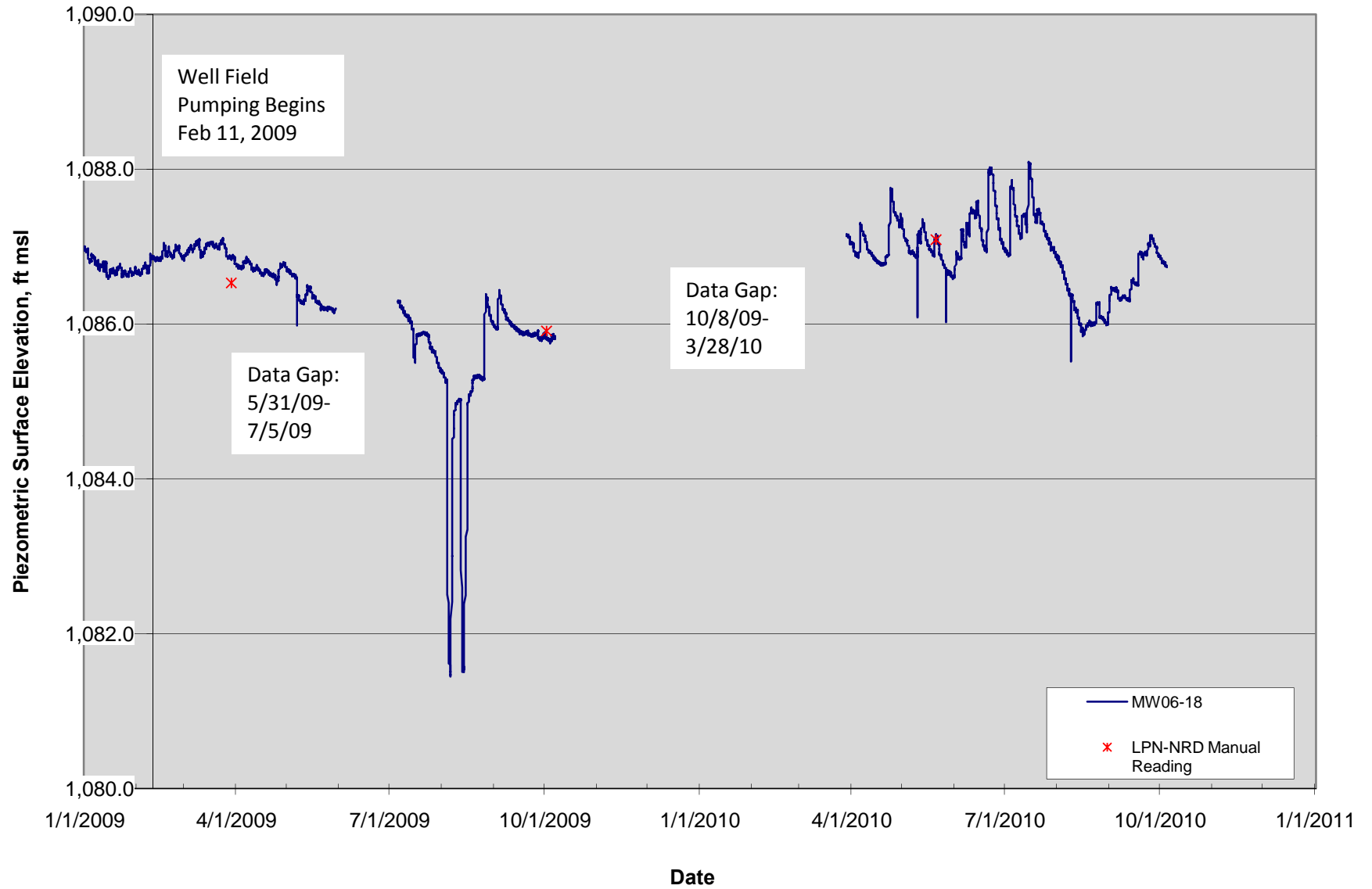
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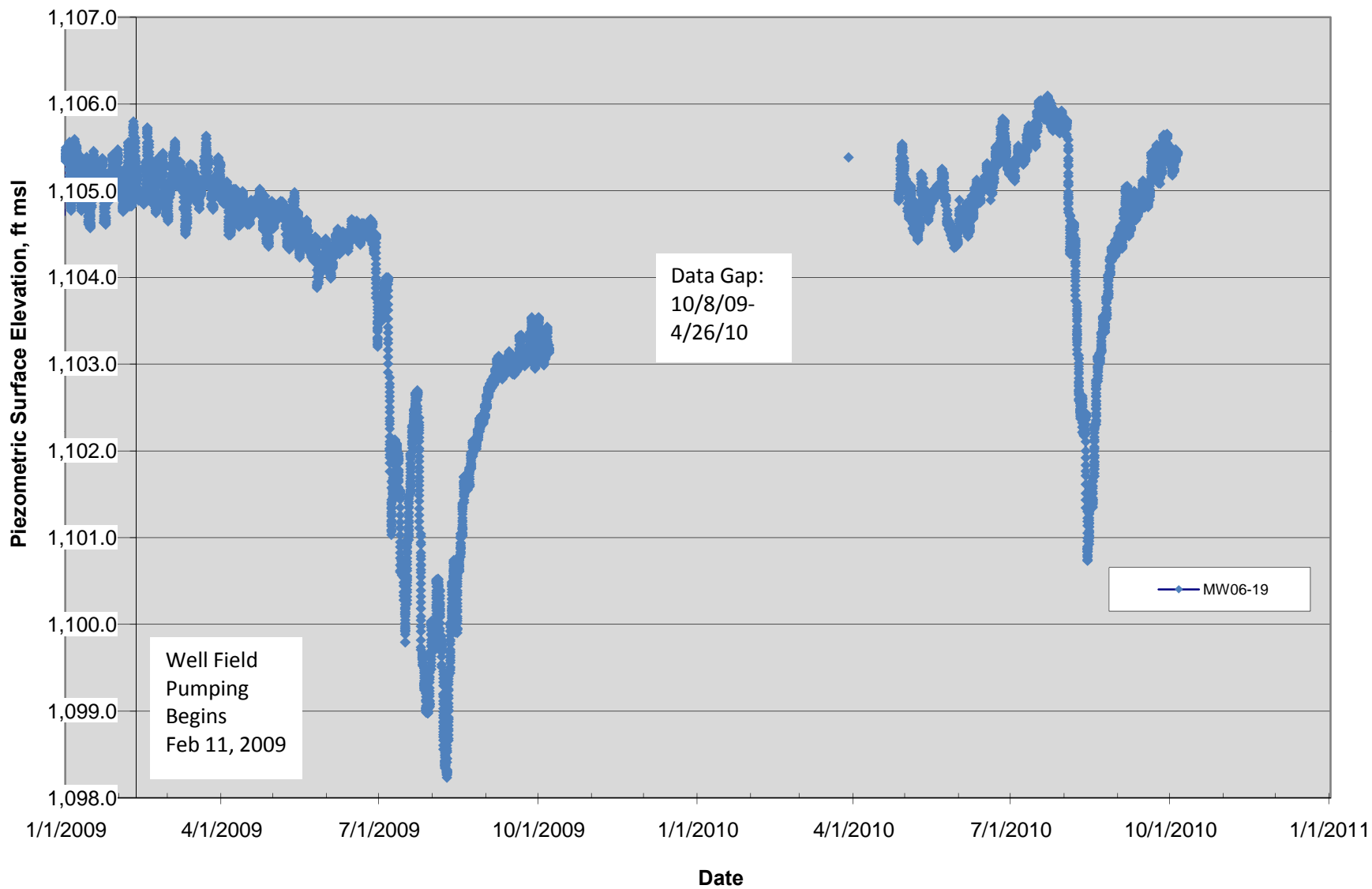
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MW06-28 Piezometric Surface Elevations



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MW06-18 Piezometric Surface Elevations

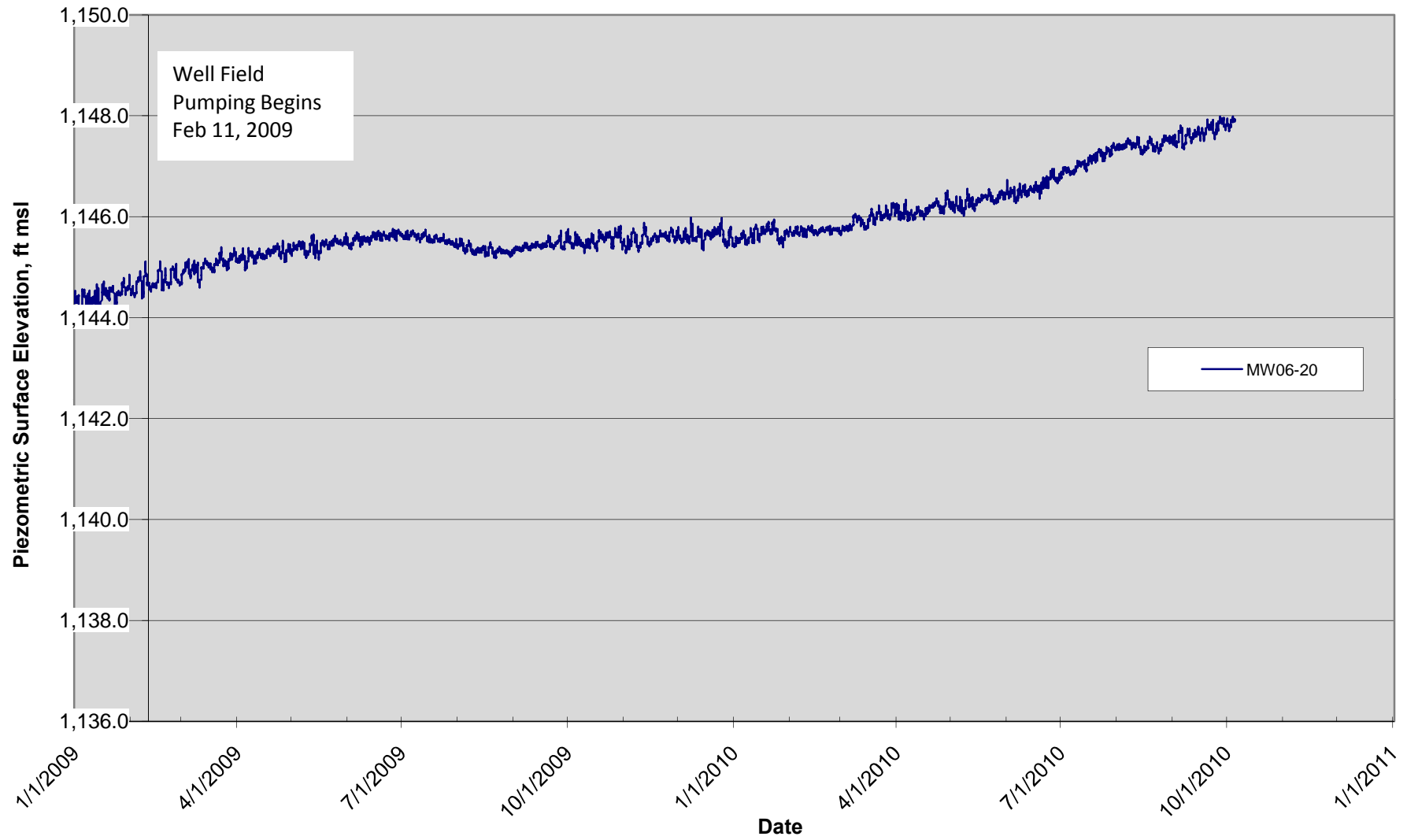


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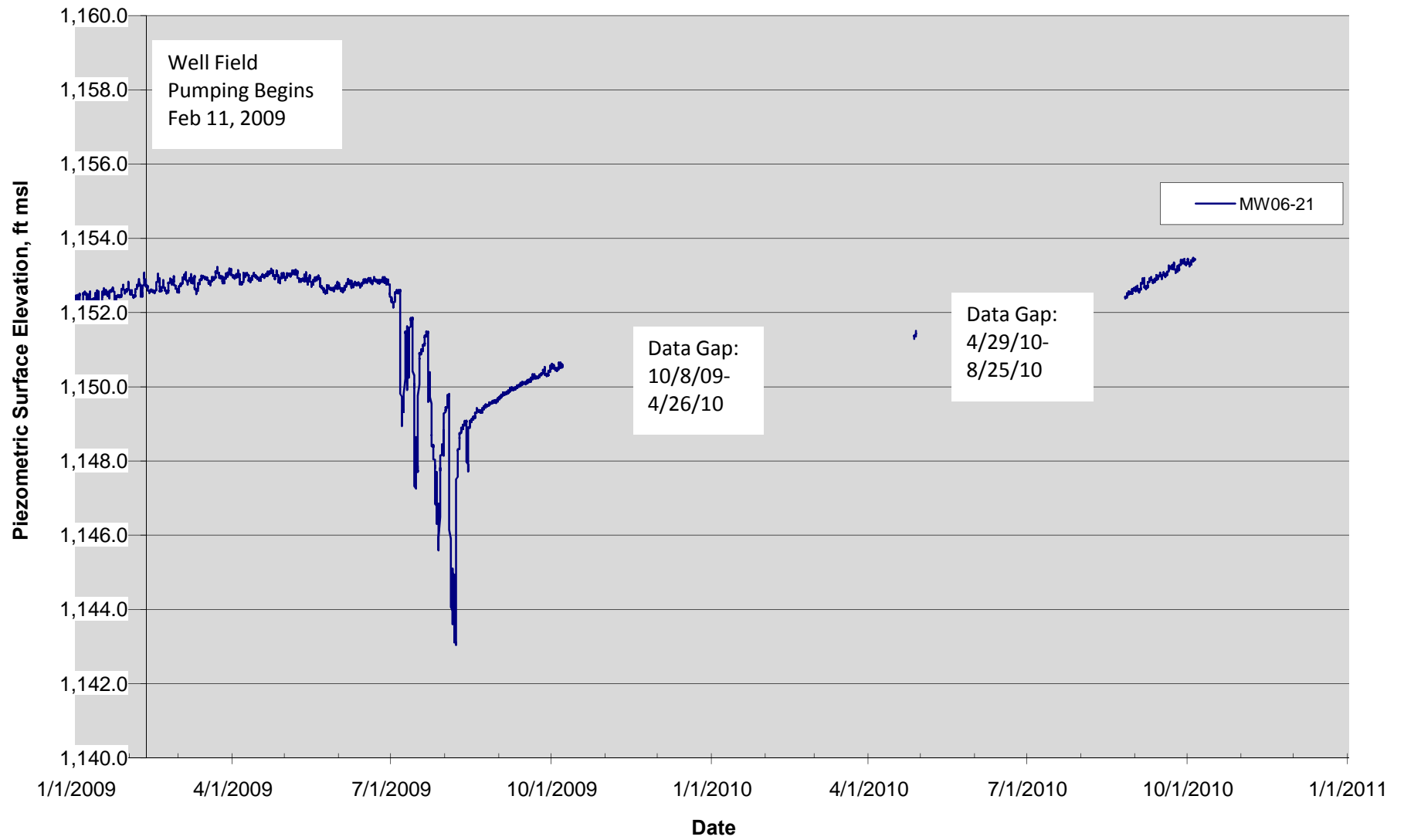


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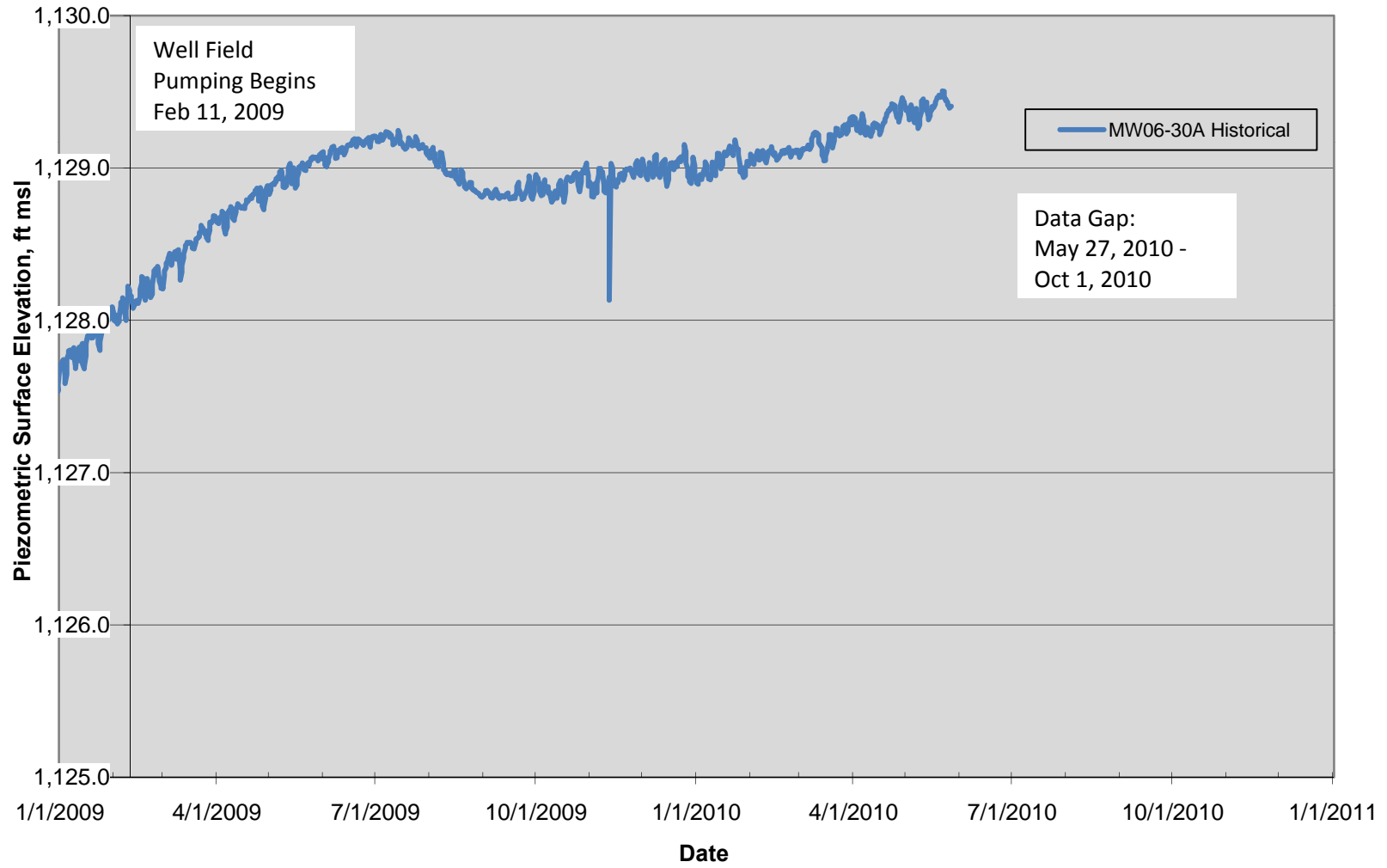
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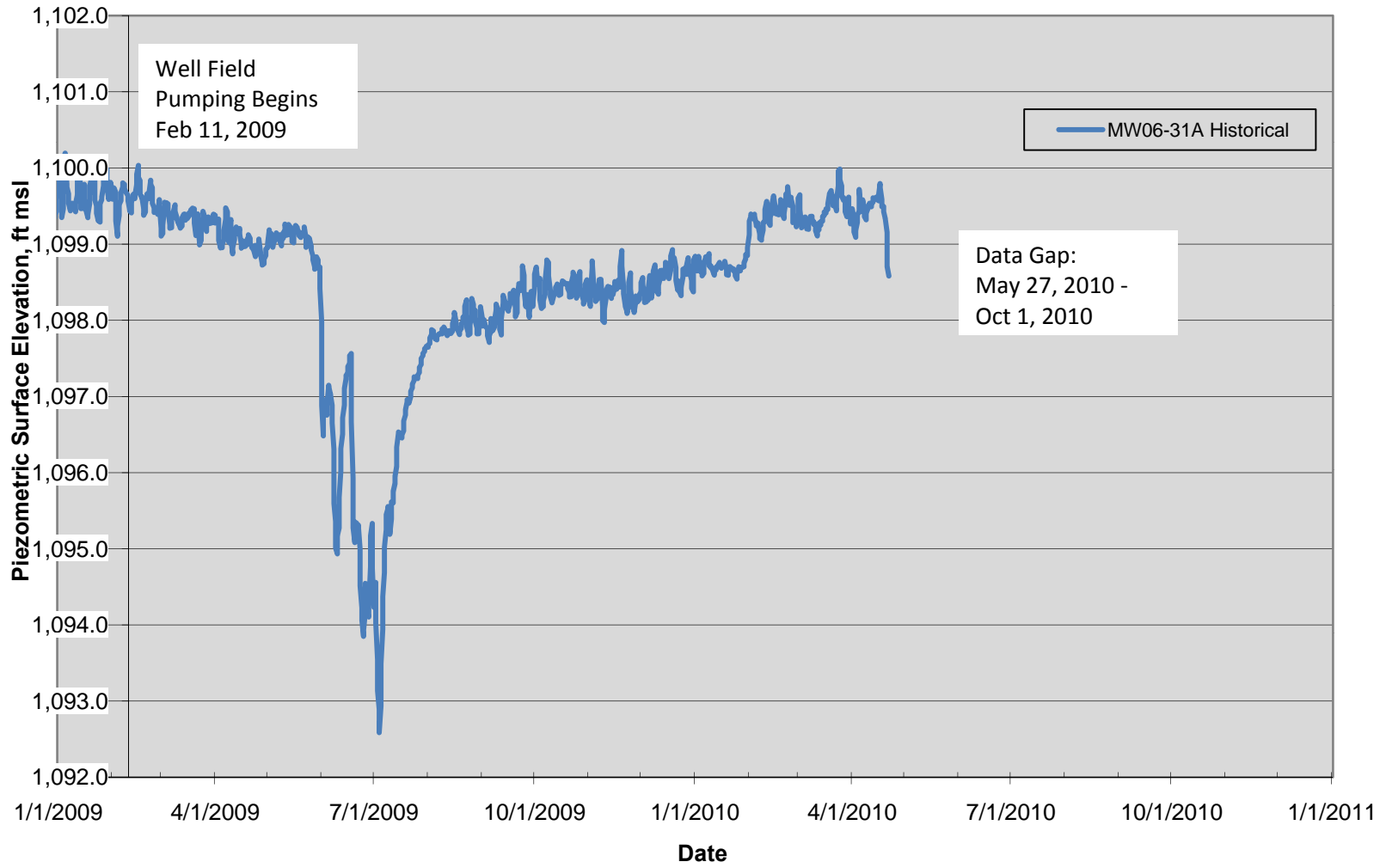
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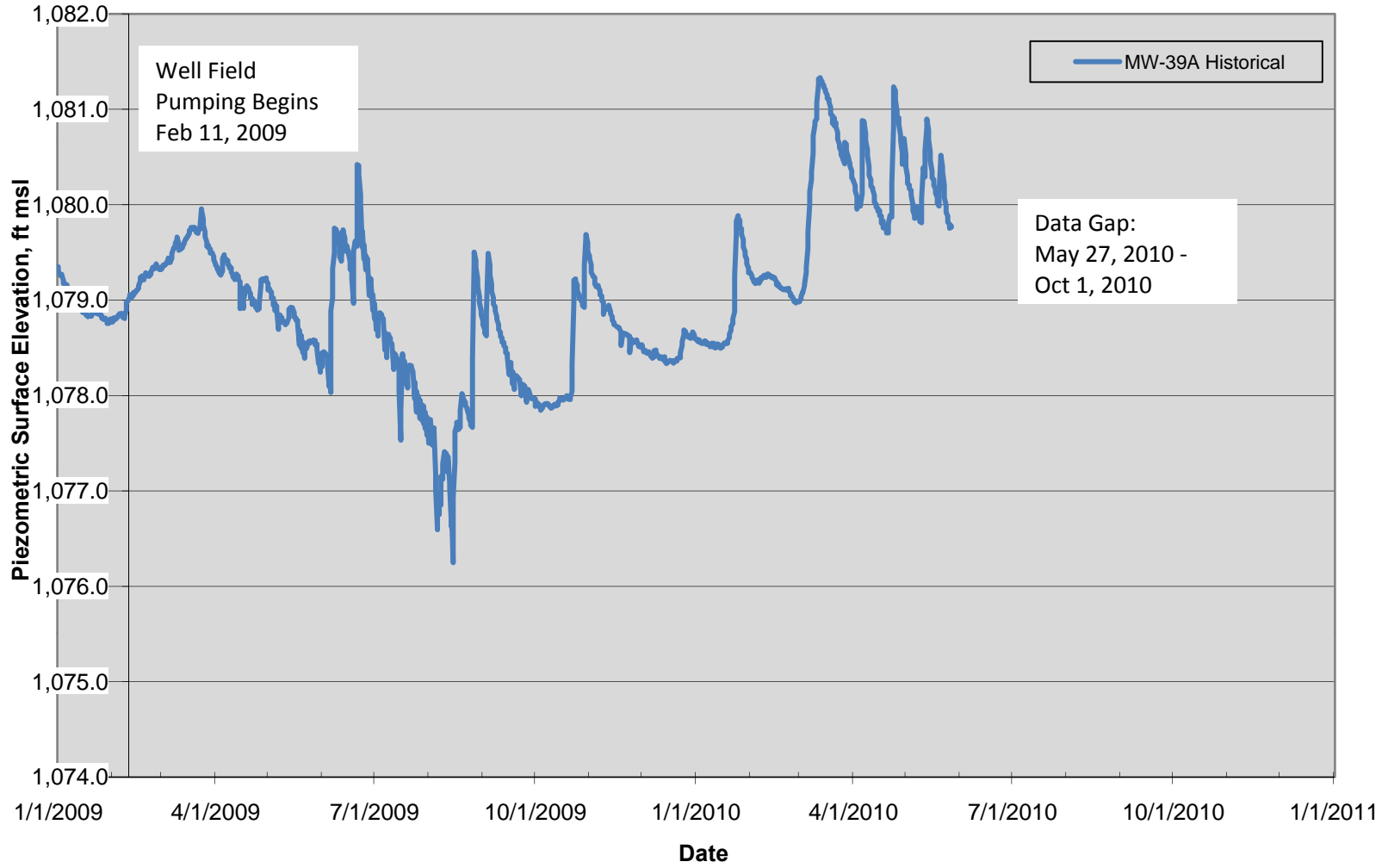
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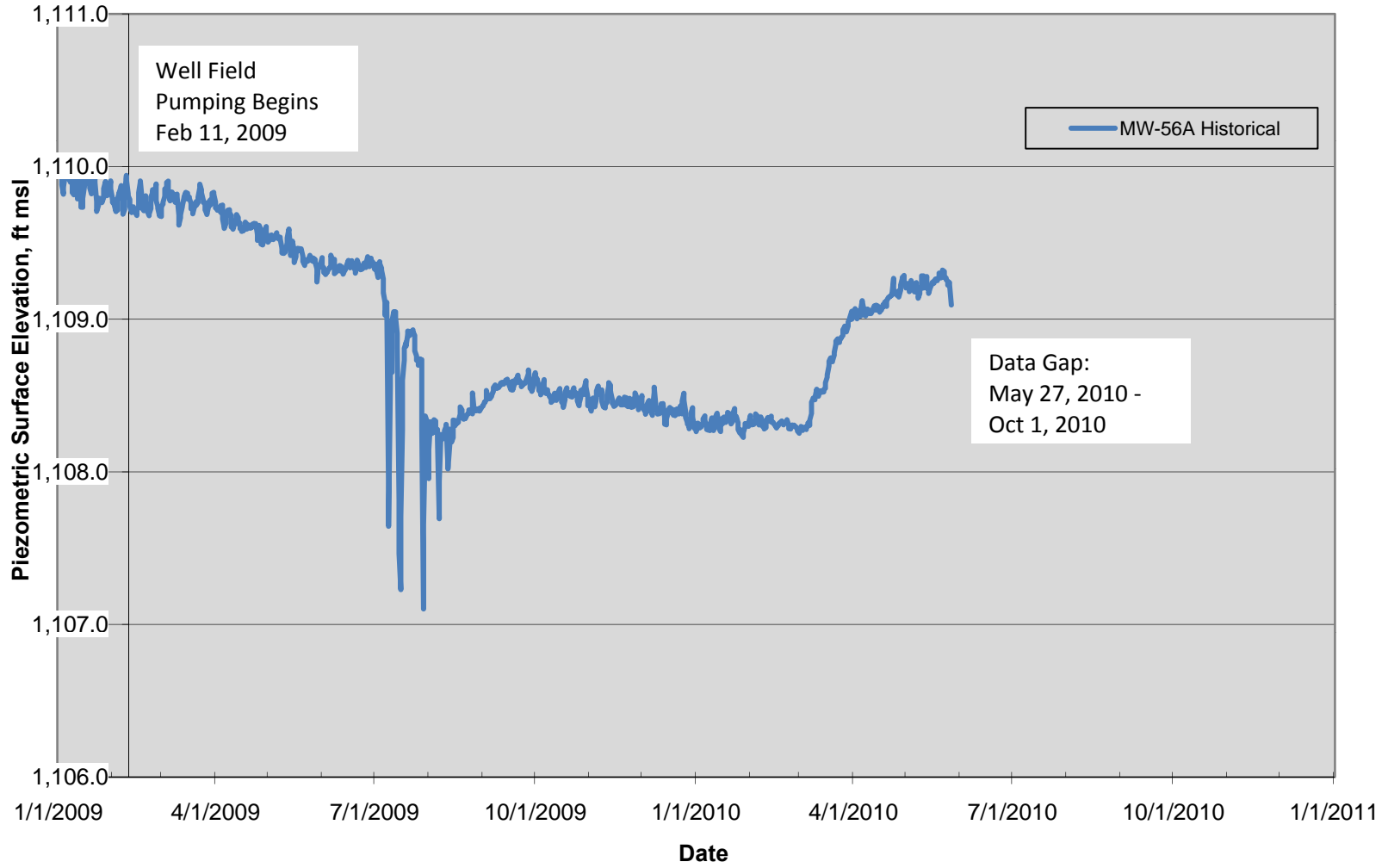
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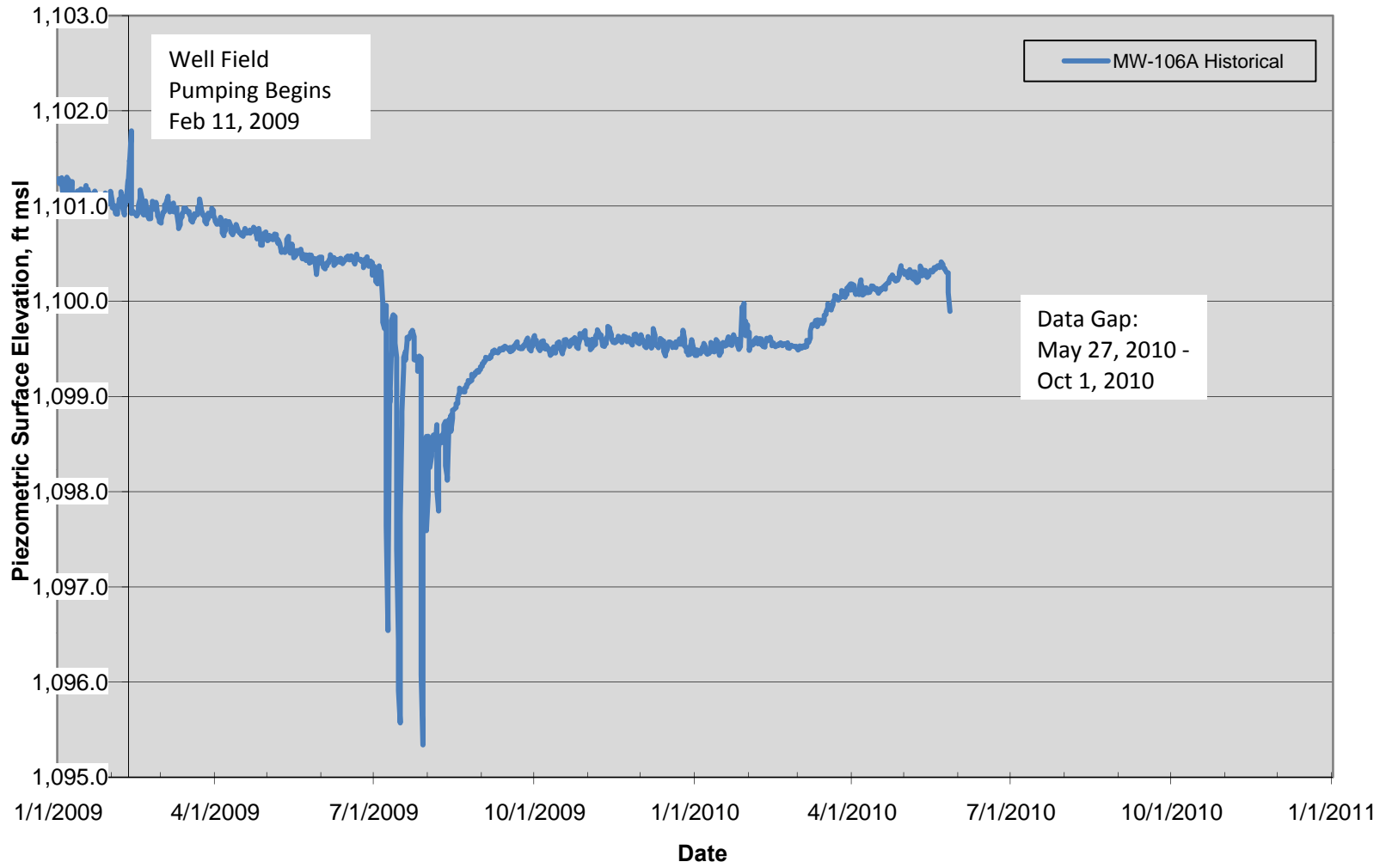
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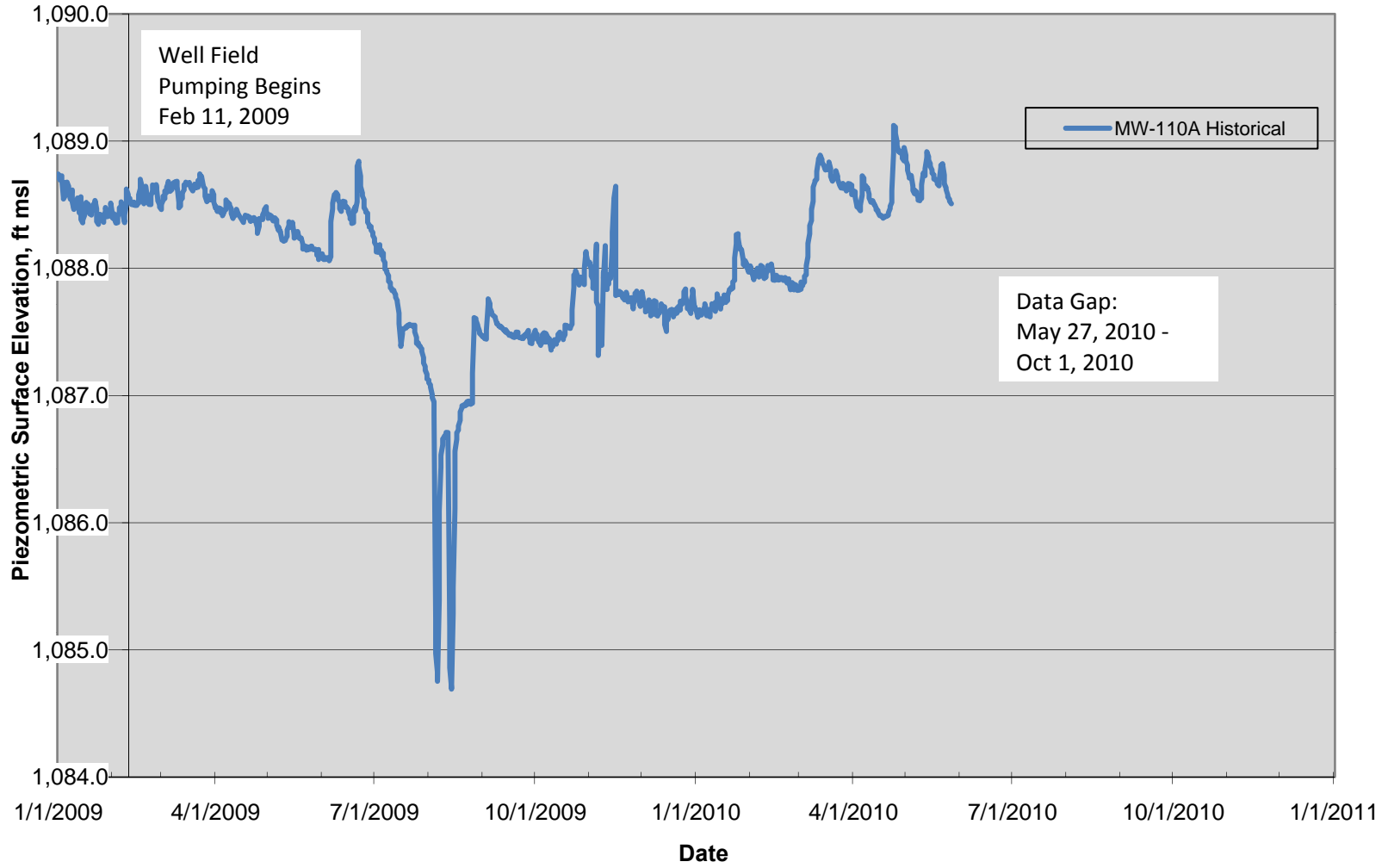
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MW-56A Piezometric Surface Elevations



DRAFT
MW-106A Piezometric Surface Elevations



DRAFT
MW-110A Piezometric Surface Elevations



DRAFT
MW-112A Piezometric Surface Elevations

