

**APPENDIX C
WATER LEVEL HYDROGRAPHS**

LIST OF HYDROGRAPHS

Shallow Wells

ES-01	ES-02	ES-03	ES-04	ES-05	ES-06	ES-07	ES-08	ES-09	ES-10
ES-11	ES-12	ES-13	ES-14	ES-15	ES-16	ES-17	ES-18	ES-19	ES-20
ES-21	ES-22	ES-23	ES-24	ES-25	ES-26	ES-27	ES-28	ES-29	ES-30
ES-31	ES-32	HAR-02	HAR-03	HAR-04	HAR-09	HAR-11	HAR-12	HAR-13	HAR-14
HAR-15	HAR-27	HAR-28	HAR-29	HAR-30	HAR-31	HAR-32	HAR-33	HAR-34	PZ-003
PZ-035	PZ-059	PZ-060	PZ-070	PZ-089	RS-01	RS-02	RS-03	RS-04	RS-05
RS-06	RS-07	RS-08	RS-09	RS-10	RS-11	RS-12	RS-13	RS-14	RS-15
RS-16	RS-17	RS-18	RS-19	RS-20	RS-21	RS-22	RS-23	RS-24	RS-25
RS-27	RS-28	RS-29	RS-30	RS-31	RS-32	RS-33	RS-34	RS-35	RS-54
SH-01	SH-02	SH-03	SH-04	SH-05	SH-06	SH-07	SH-08	SH-09	SH-10
SH-11									

Chatsworth Formation Wells

HAR-01	HAR-05	HAR-06	HAR-07	HAR-08	HAR-16	HAR-17	HAR-18	HAR-19	HAR-20
HAR-21	HAR-22	HAR-23	HAR-24	HAR-25	HAR-26	OS-24	OS-25	OS-26	PZ-074
PZ-076	PZ-077	PZ-078	PZ-095	PZ-097	PZ-123	PZ-124	RD-01	RD-02	RD-03
RD-04	RD-05A	RD-05B	RD-05C	RD-06	RD-07	RD-08	RD-09	RD-10	RD-11
RD-12	RD-13	RD-14	RD-15	RD-16	RD-17	RD-18	RD-19	RD-20	RD-21
RD-22	RD-23	RD-24	RD-25	RD-26	RD-27	RD-28	RD-29	RD-30	RD-31
RD-32	RD-33A	RD-33B	RD-33C	RD-34A	RD-34B	RD-34C	RD-35A	RD-35B	RD-36A
RD-36B	RD-36C	RD-36D	RD-37	RD-38A	RD-38B	RD-39A	RD-39B	RD-40	RD-41A
RD-41B	RD-41C	RD-42	RD-43A	RD-43B	RD-43C	RD-44	RD-45A	RD-45B	RD-45C
RD-46A	RD-46B	RD-47	RD-48A	RD-48B	RD-48C	RD-49A	RD-49B	RD-49C	RD-50
RD-51A	RD-51B	RD-51C	RD-52A	RD-52B	RD-52C	RD-53	RD-54A	RD-54B	RD-54C
RD-55A	RD-55B	RD-56A	RD-56B	RD-57	RD-58A	RD-58B	RD-58C	RD-59A	RD-59B
RD-59C	RD-60	RD-61	RD-62	RD-63	RD-64	RD-65	RD-66	RD-67	RD-68A
RD-68B	RD-69	RD-70	RD-71	RD-72	RD-73	RD-74	RD-75	RD-76	RD-77
RD-78	RD-80	RD-81	RD-82	RD-83	RD-84	RD-85	RD-86	RD-87	RD-88
RD-89	RD-90	RD-91	RD-92	RD-93	RD-94	RD-95	RD-96	RD-97	RD-98
RD-104	WS-04A	WS-05	WS-06	WS-07	WS-08	WS-09	WS-09A	WS-09B	WS-11
WS-12	WS-13	WS-14	WS-SP						

FLUTe System Wells

RD-21	RD-22	RD-23	RD-33A	RD-50	RD-54A	RD-57	RD-64	RD-65	RD-72
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Westbay System Wells

RD-31	OS-09R
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NOTES AND ABBREVIATIONS

ft MSL - feet above mean sea level

MPE - measuring point elevation

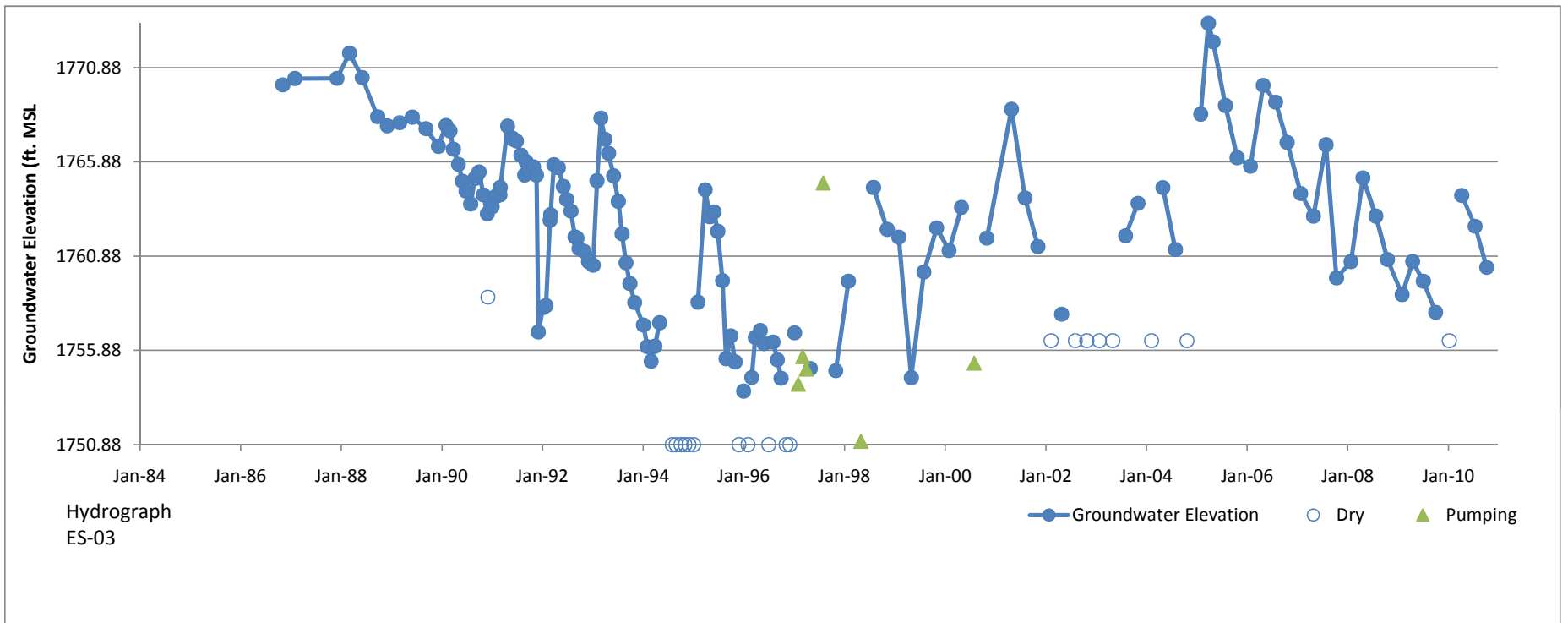
Water elevations for measurements taken when wells were dry are plotted as the approximate elevation of the bottom of the well.

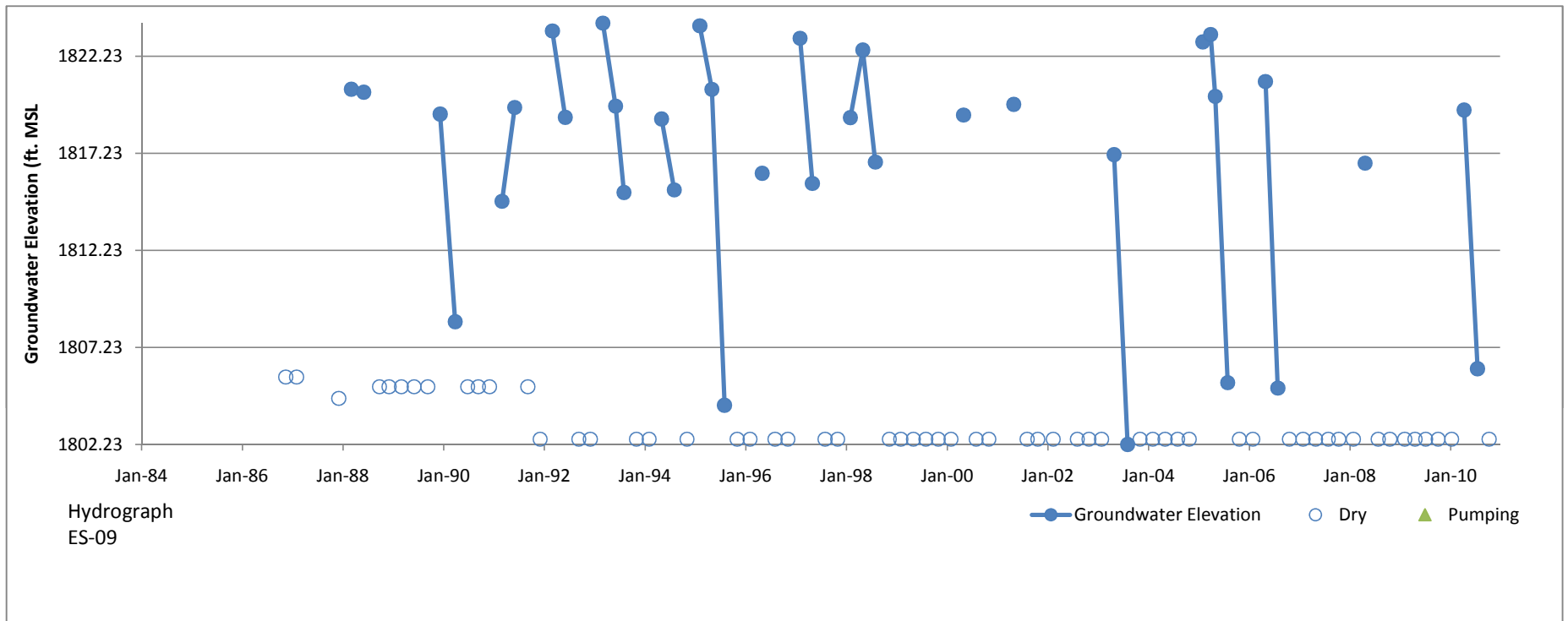
When hydrostatic water elevations are unavailable due to artesian conditions observed at the well head, the measuring point elevation (MPE) is plotted.

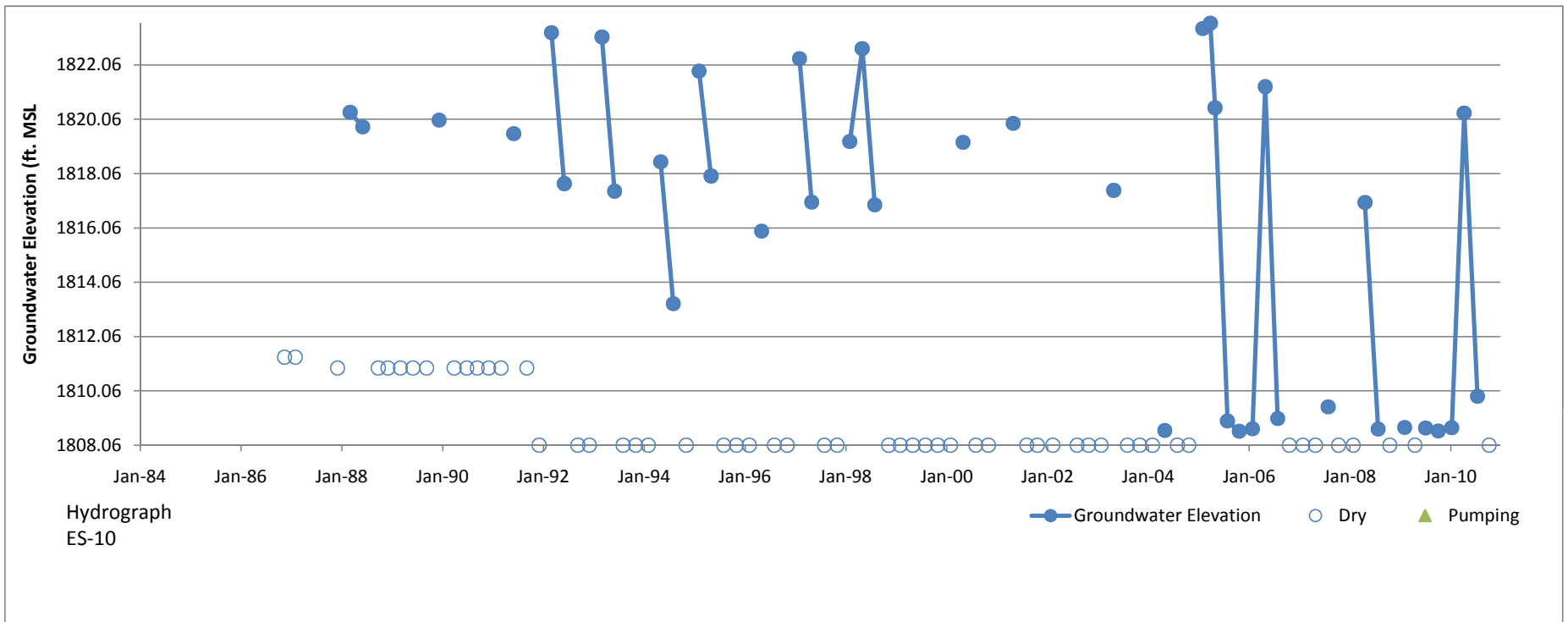
Water levels are not plotted on FLUTE hydrographs for ports that were consistently dry, were unverted, or had a consistently malfunctioning transducer.

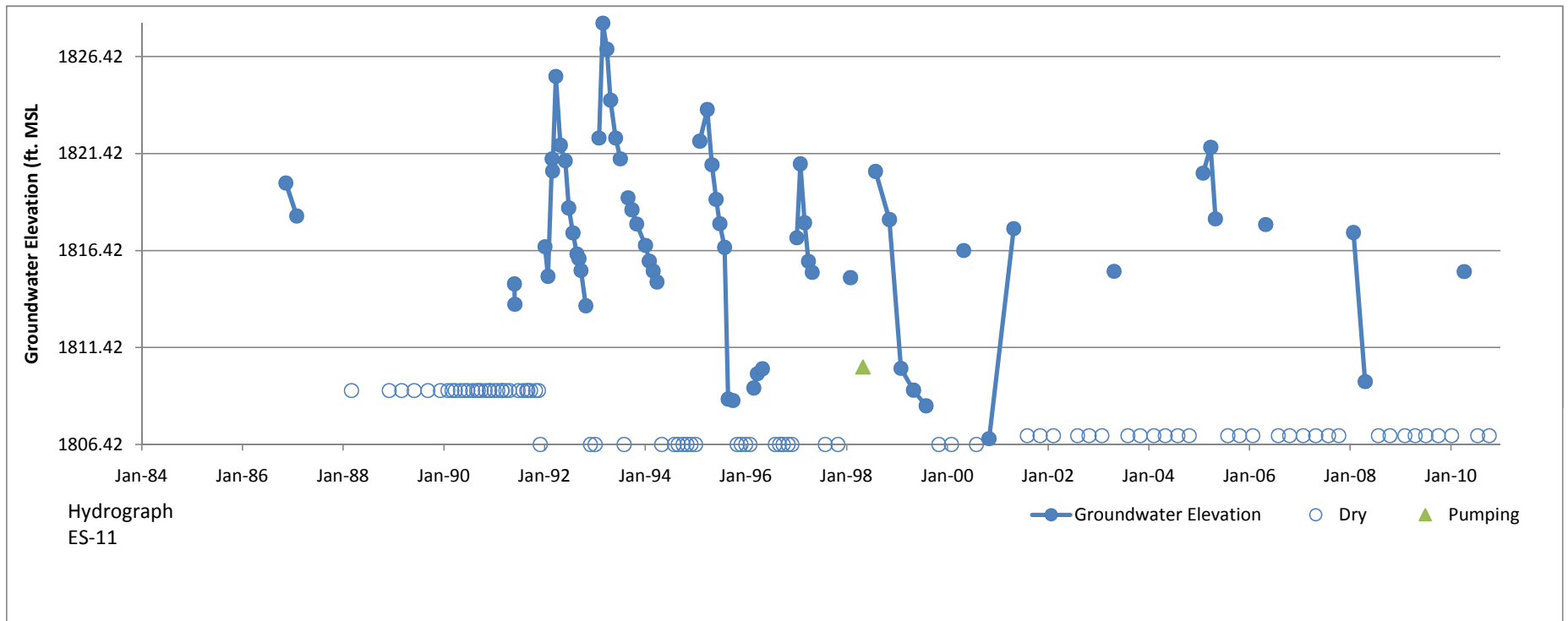
Data plotted on these hydrographs are from the Boeing Environmental Data Management System (BEDMS) for FLUTE and Westbay systems.

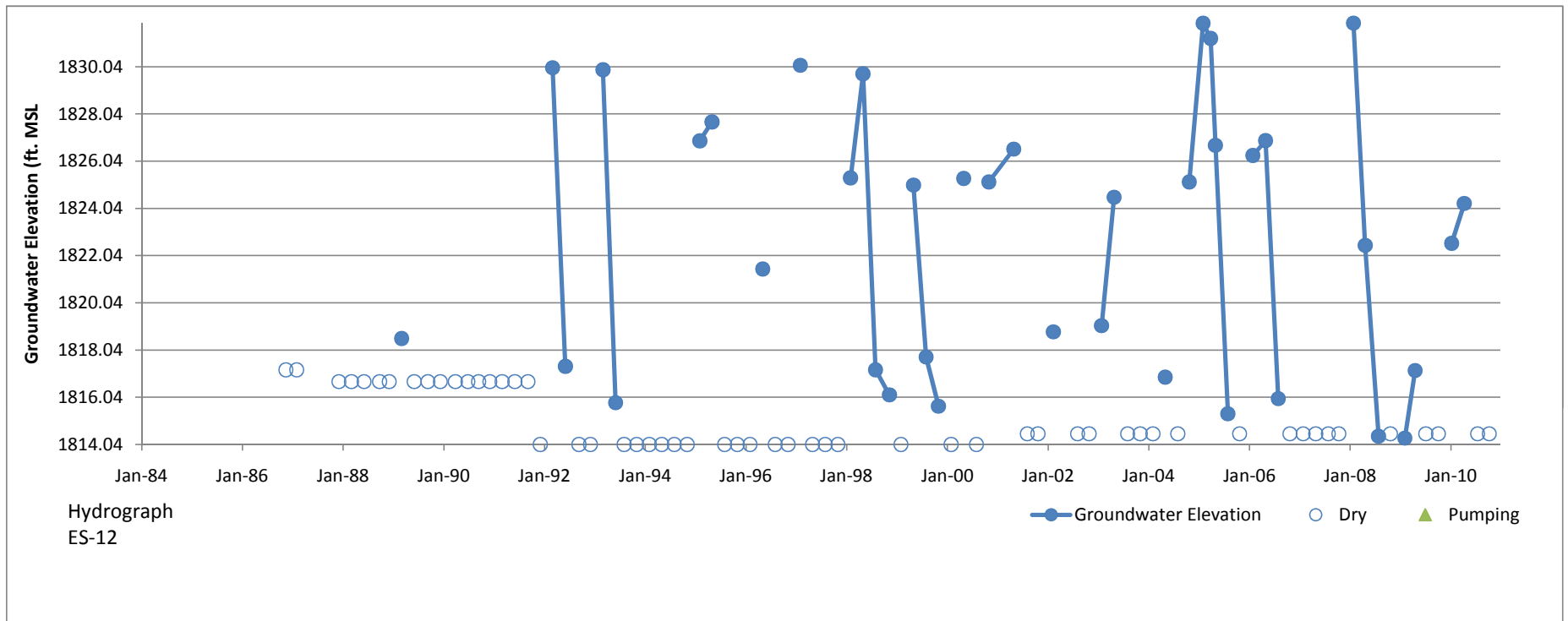
SHALLOW WELLS

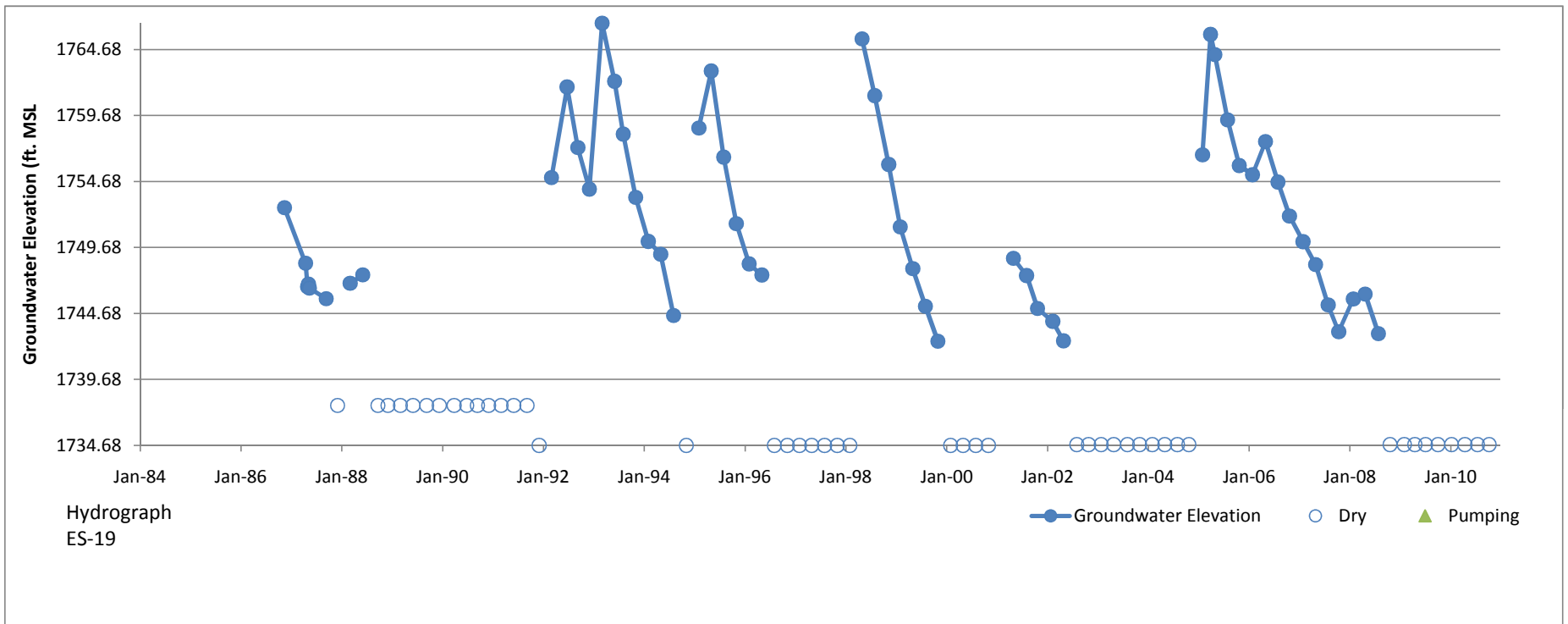


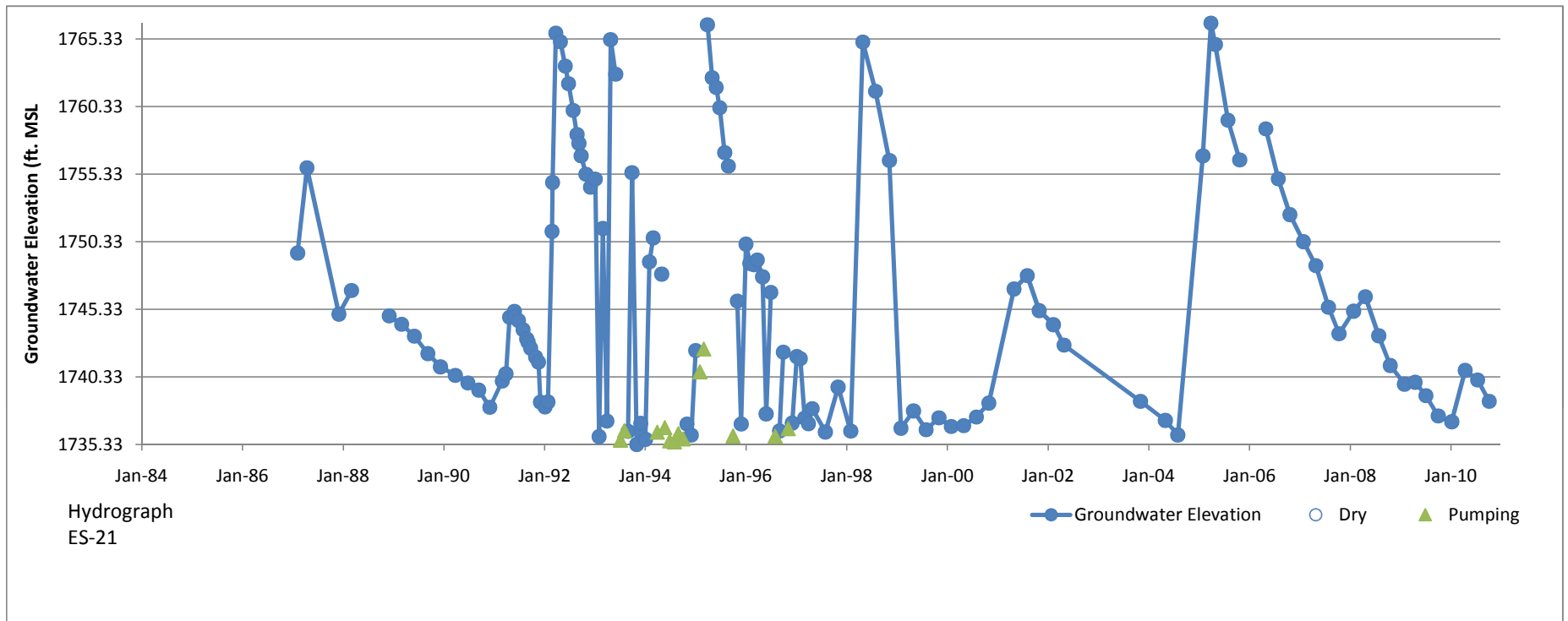


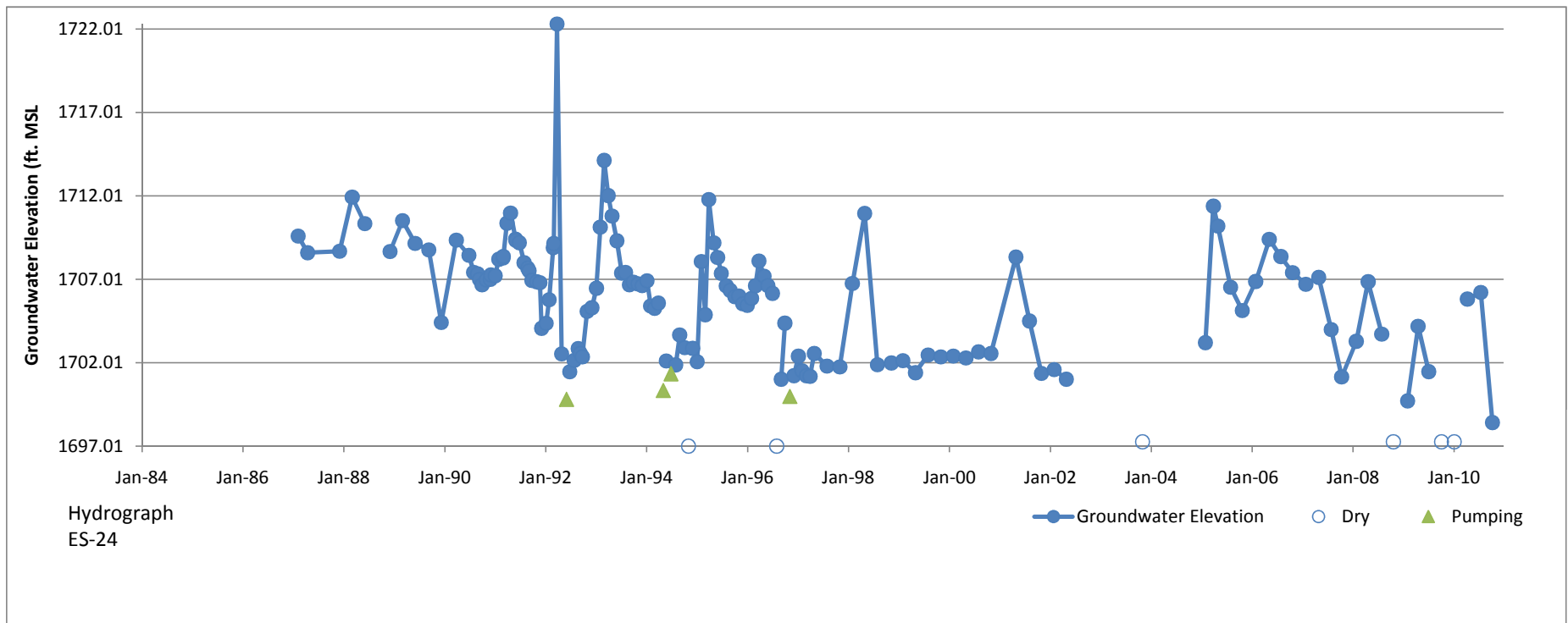


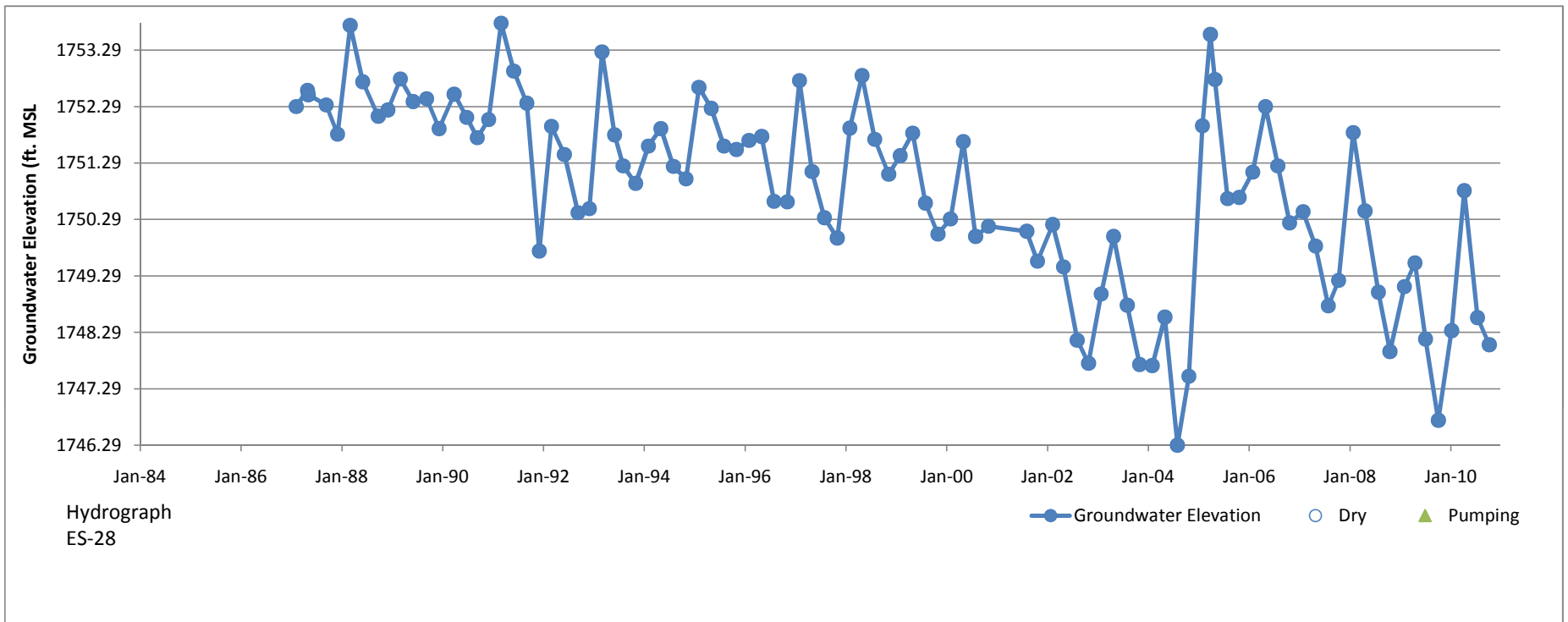


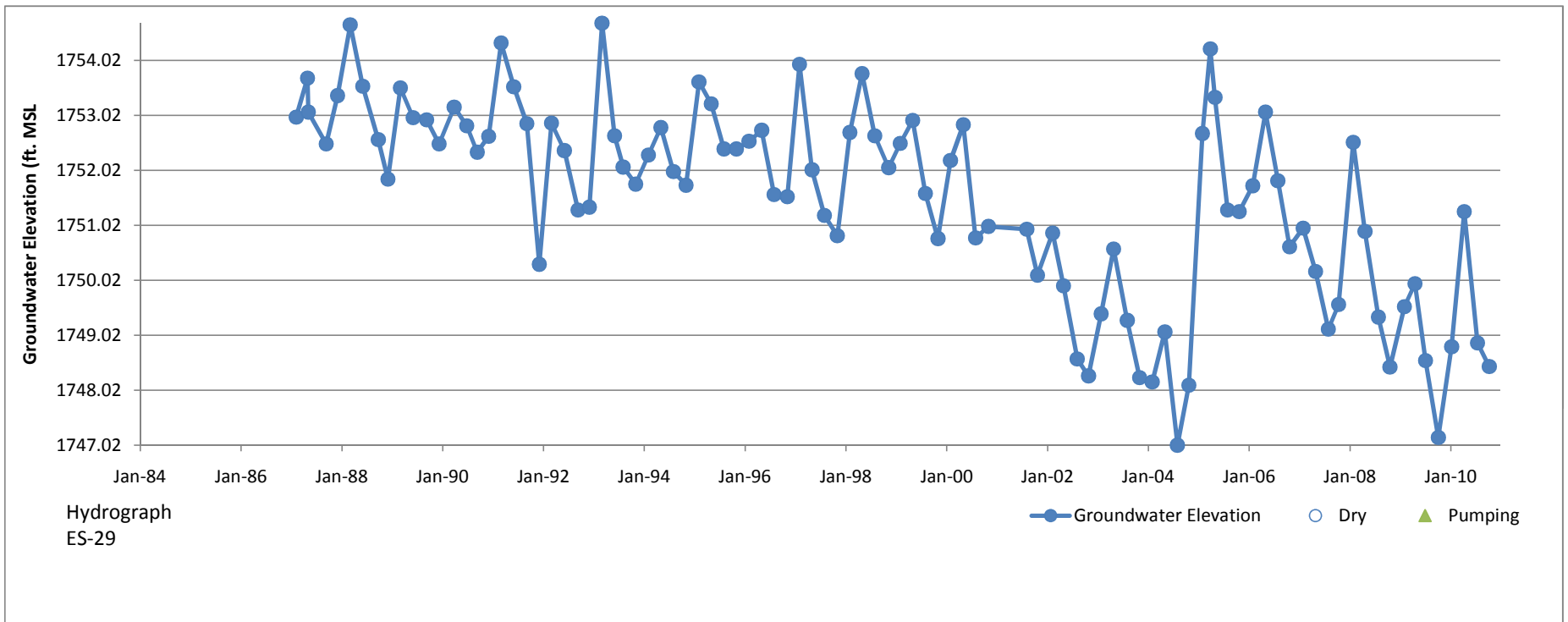


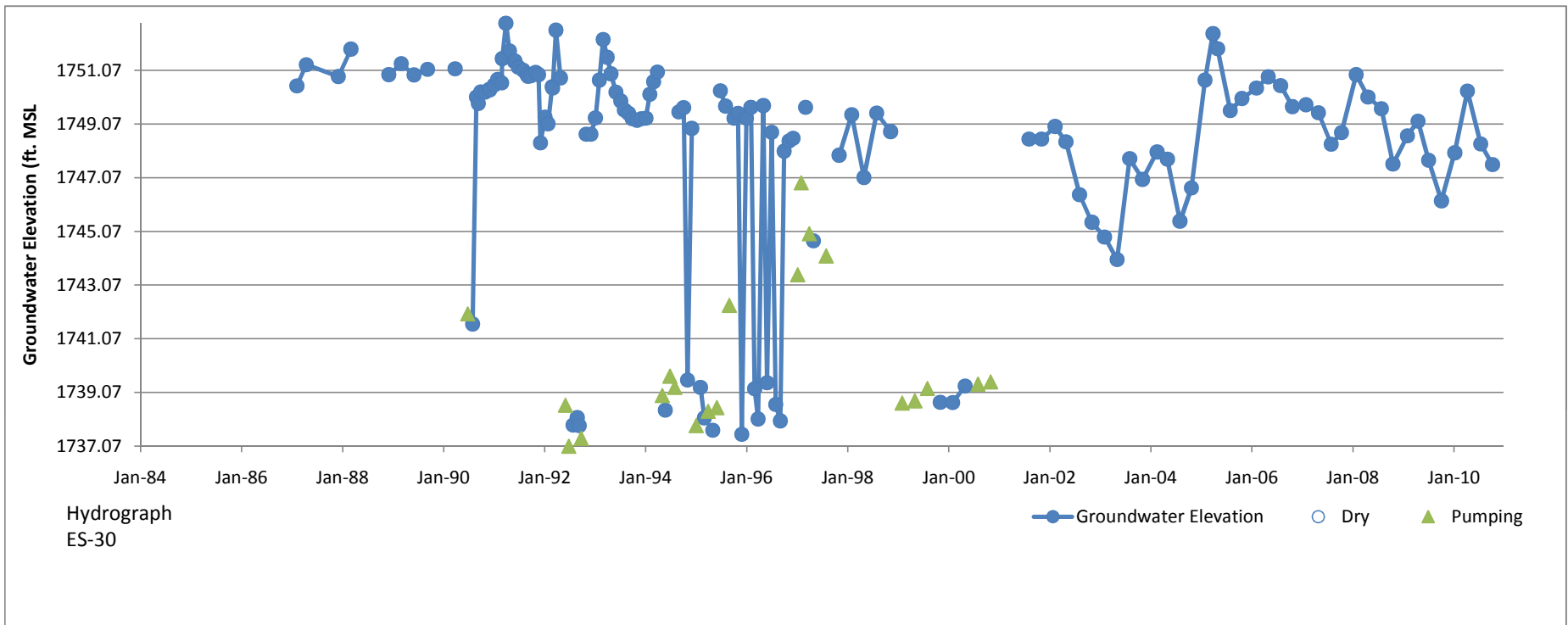


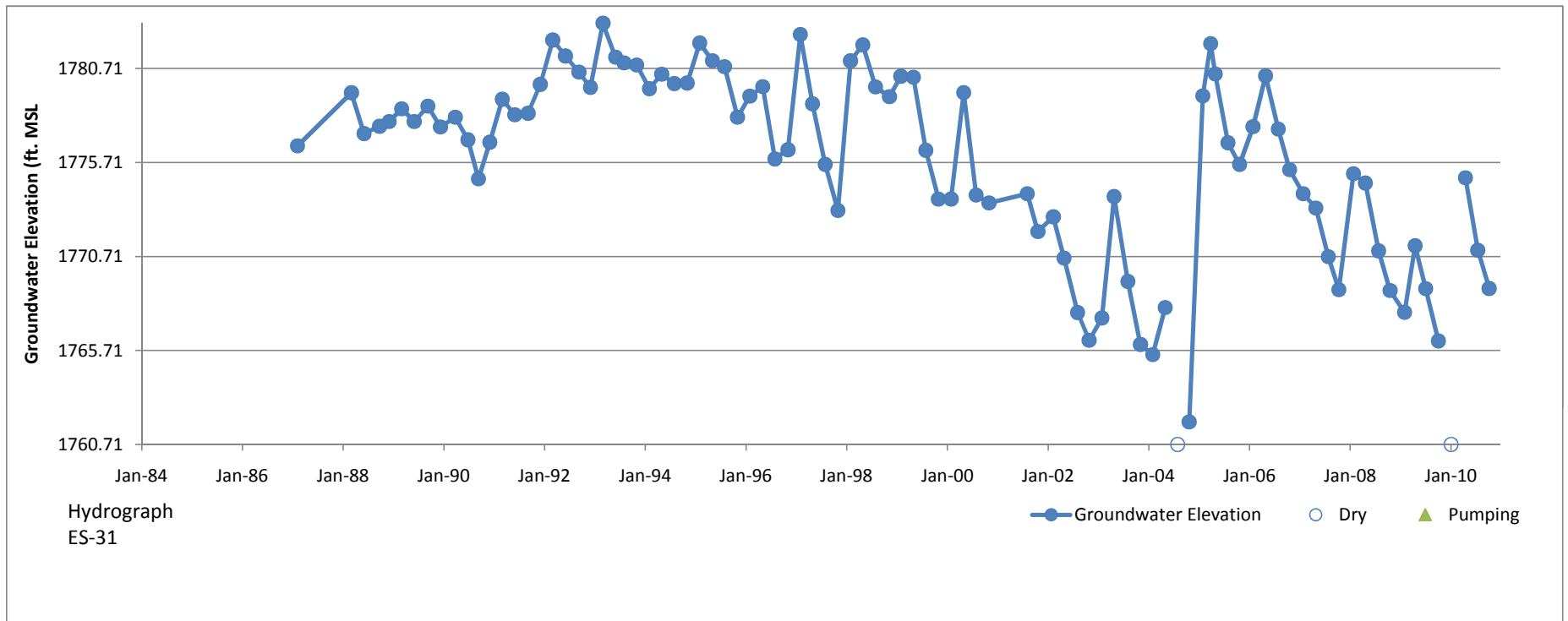


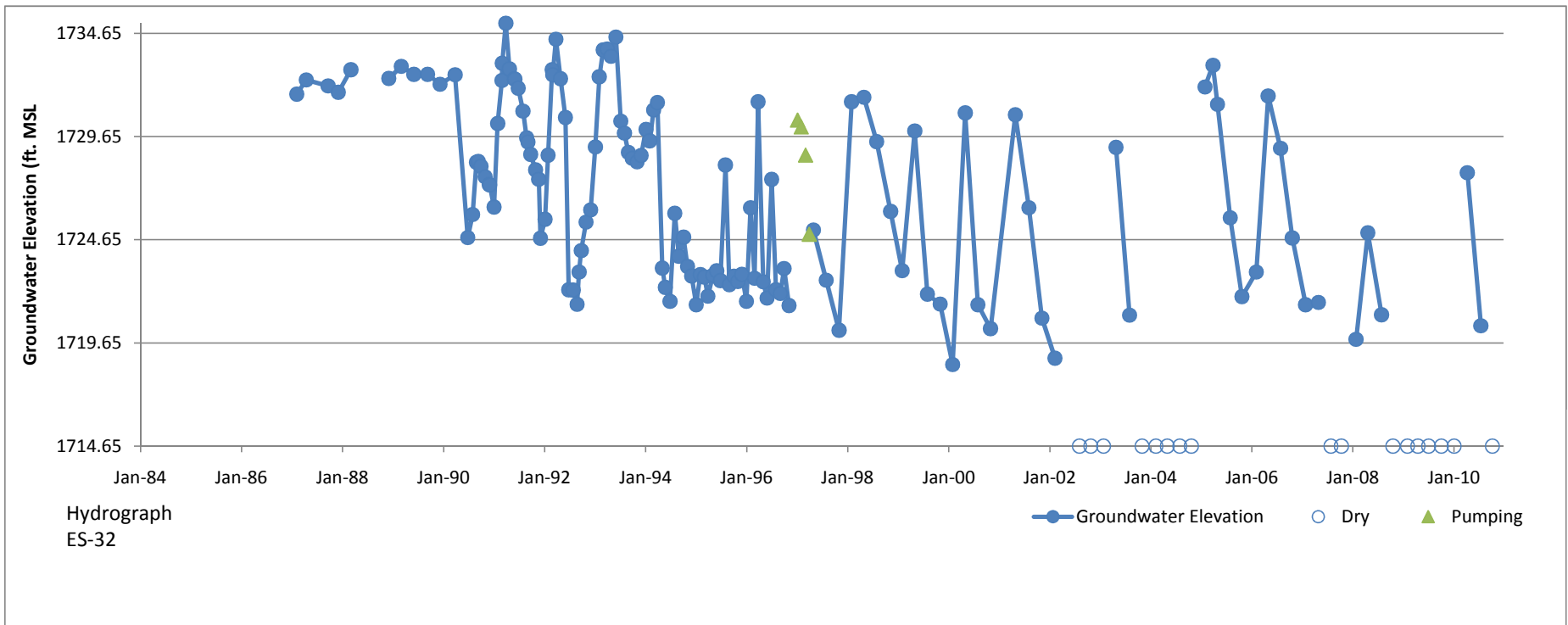


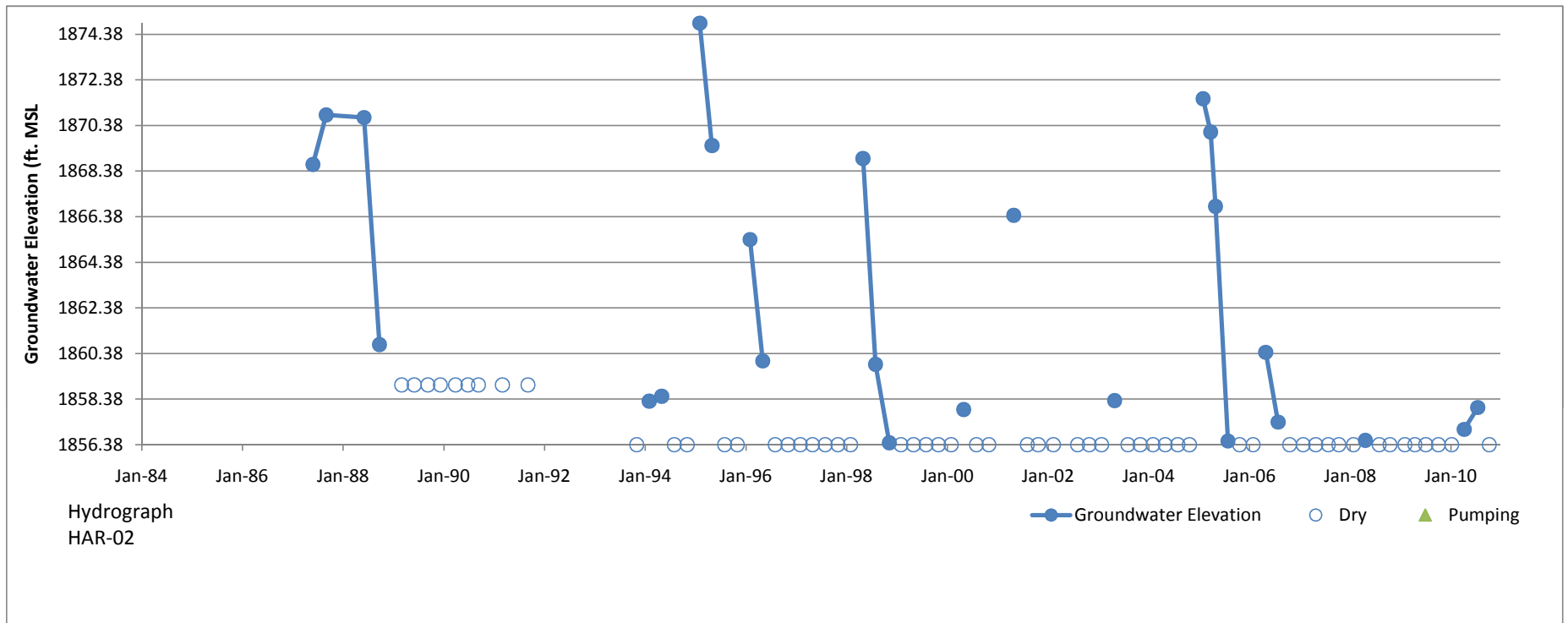


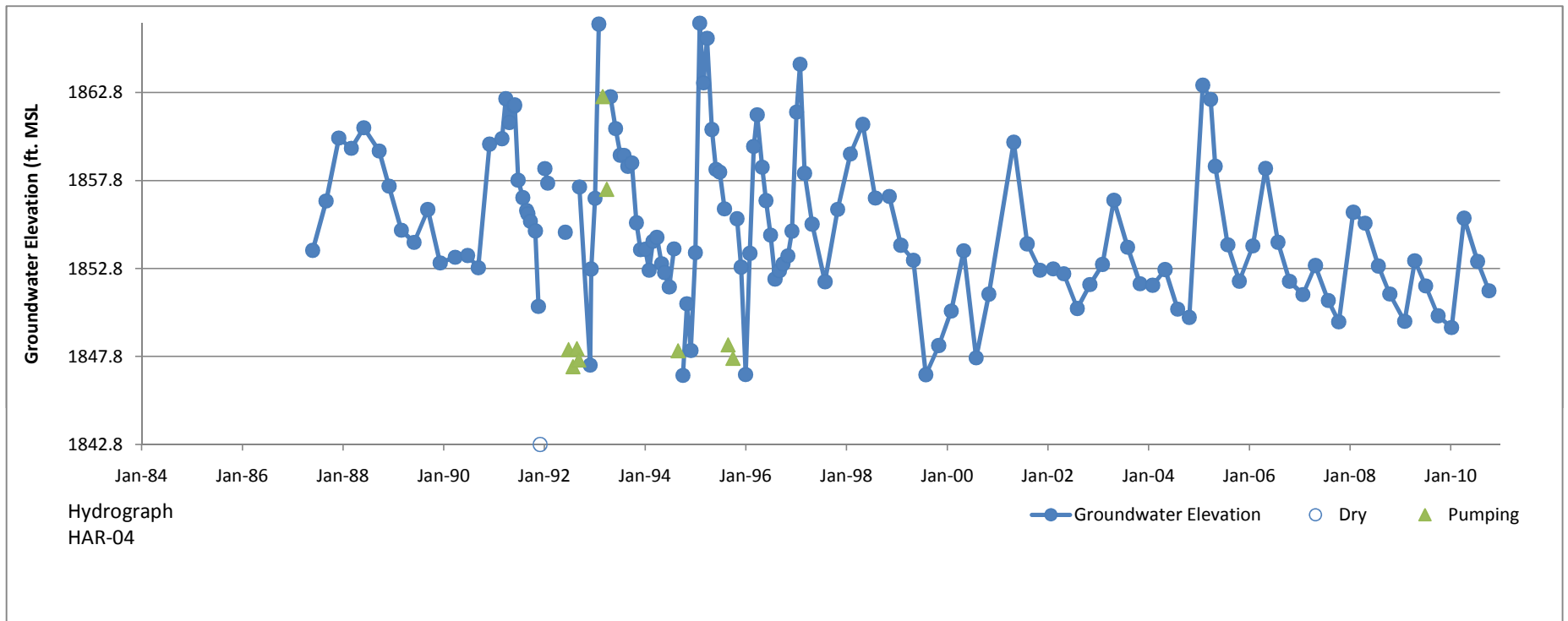


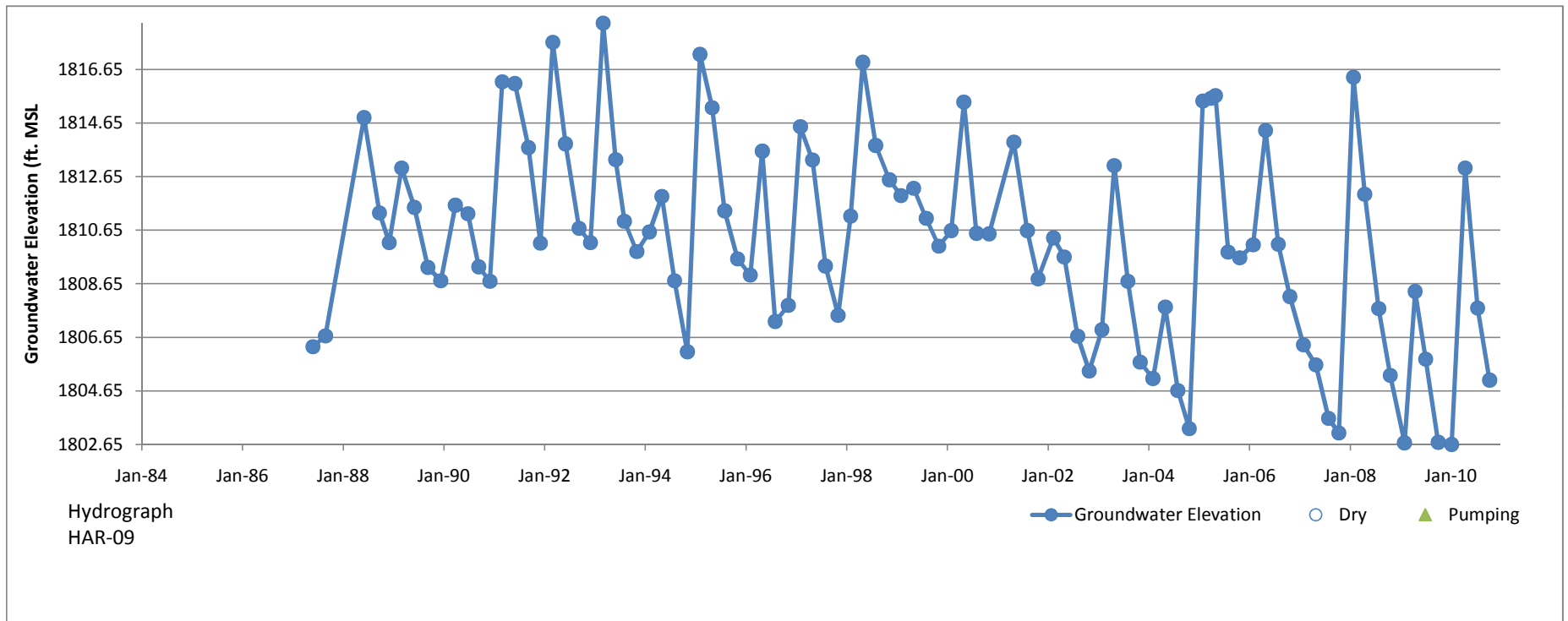


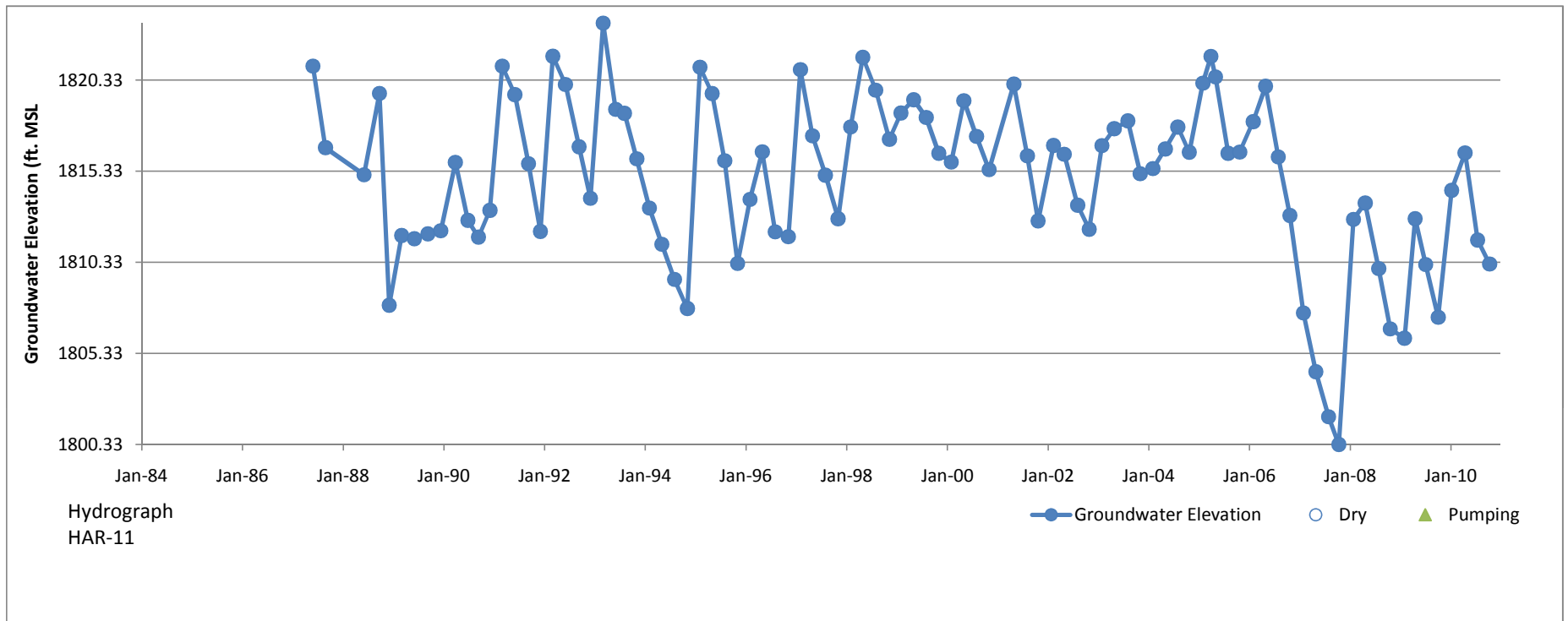


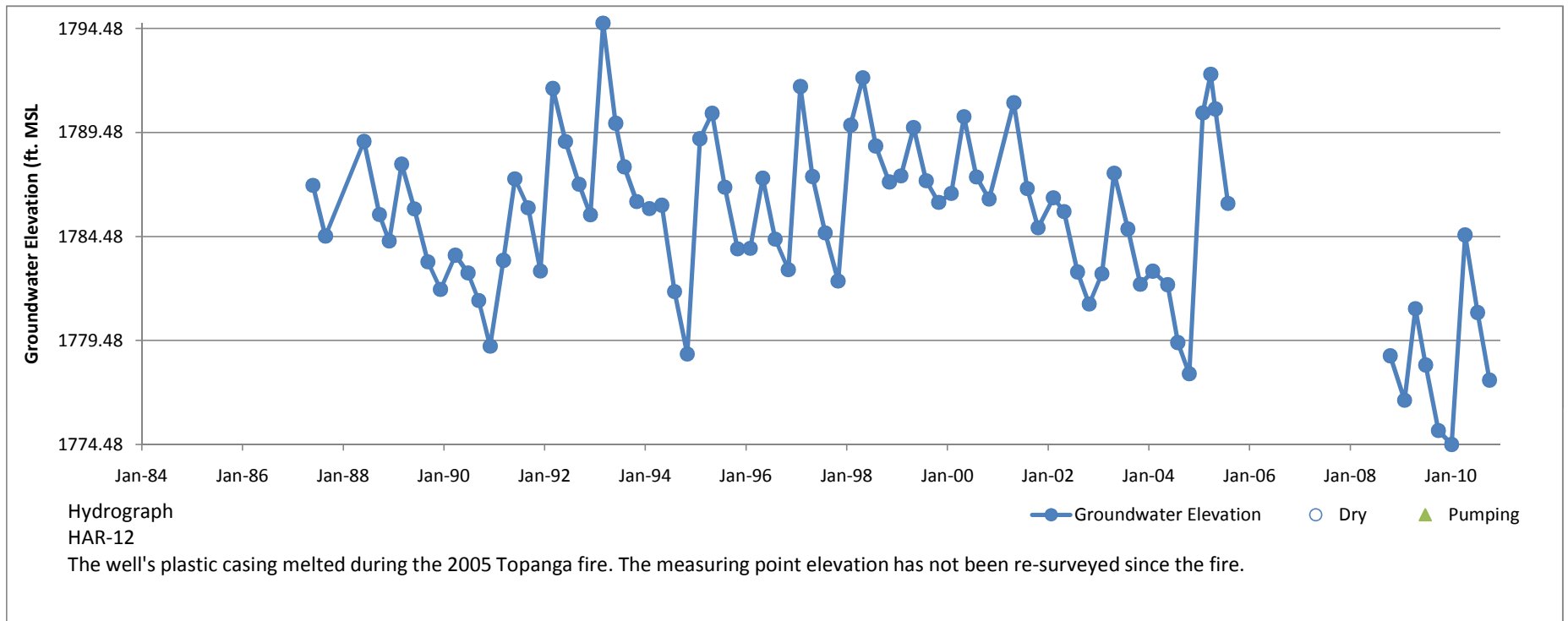


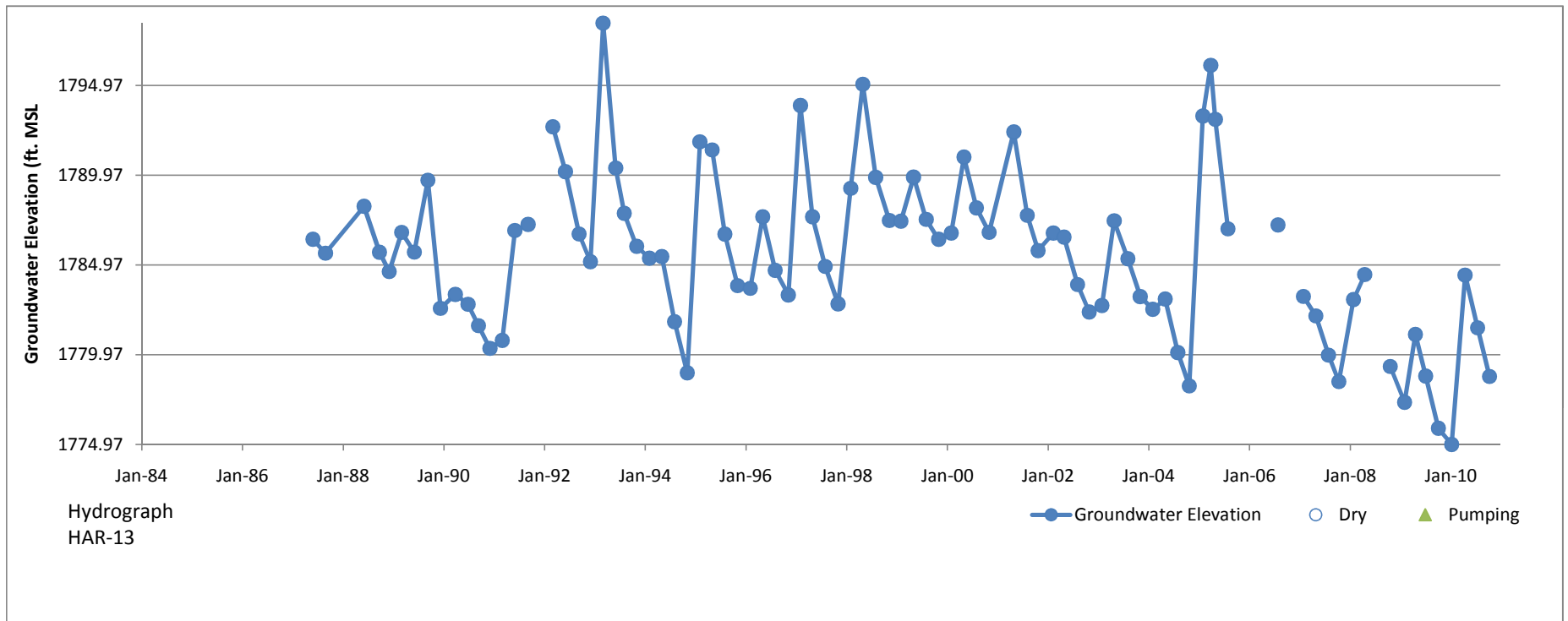


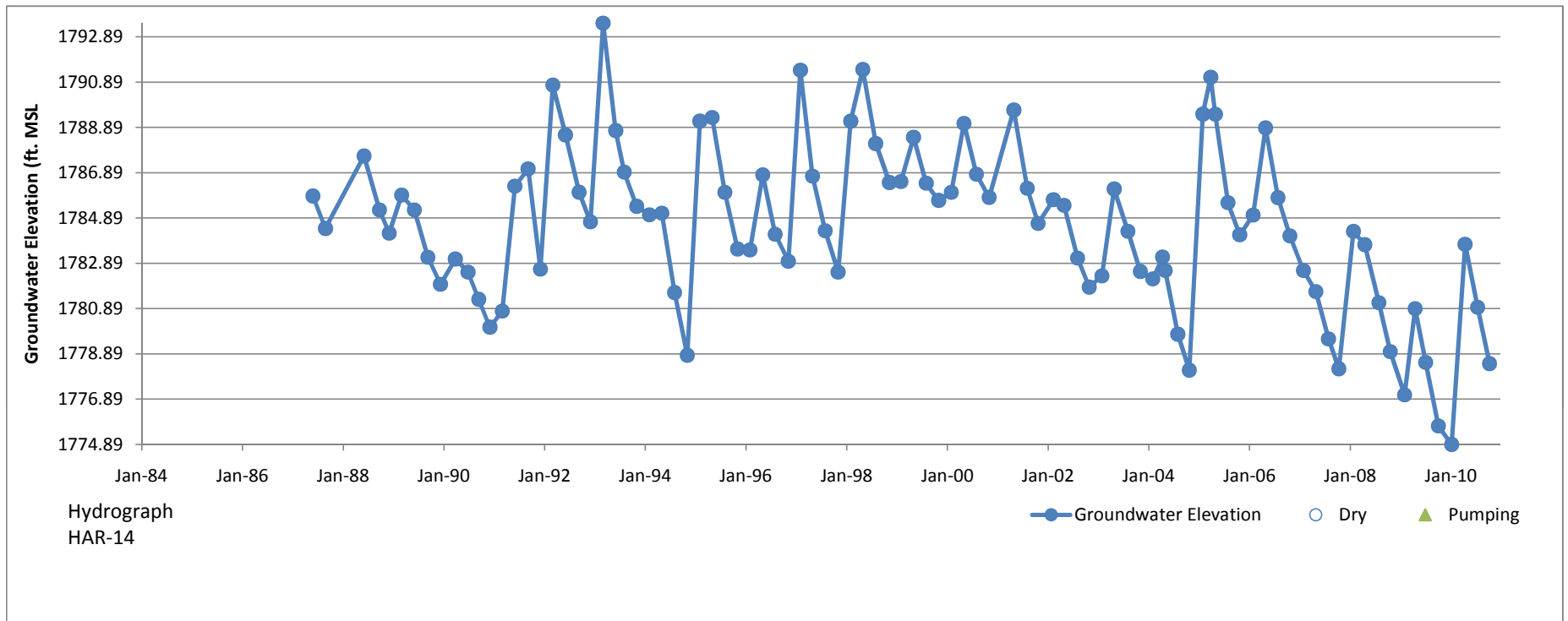


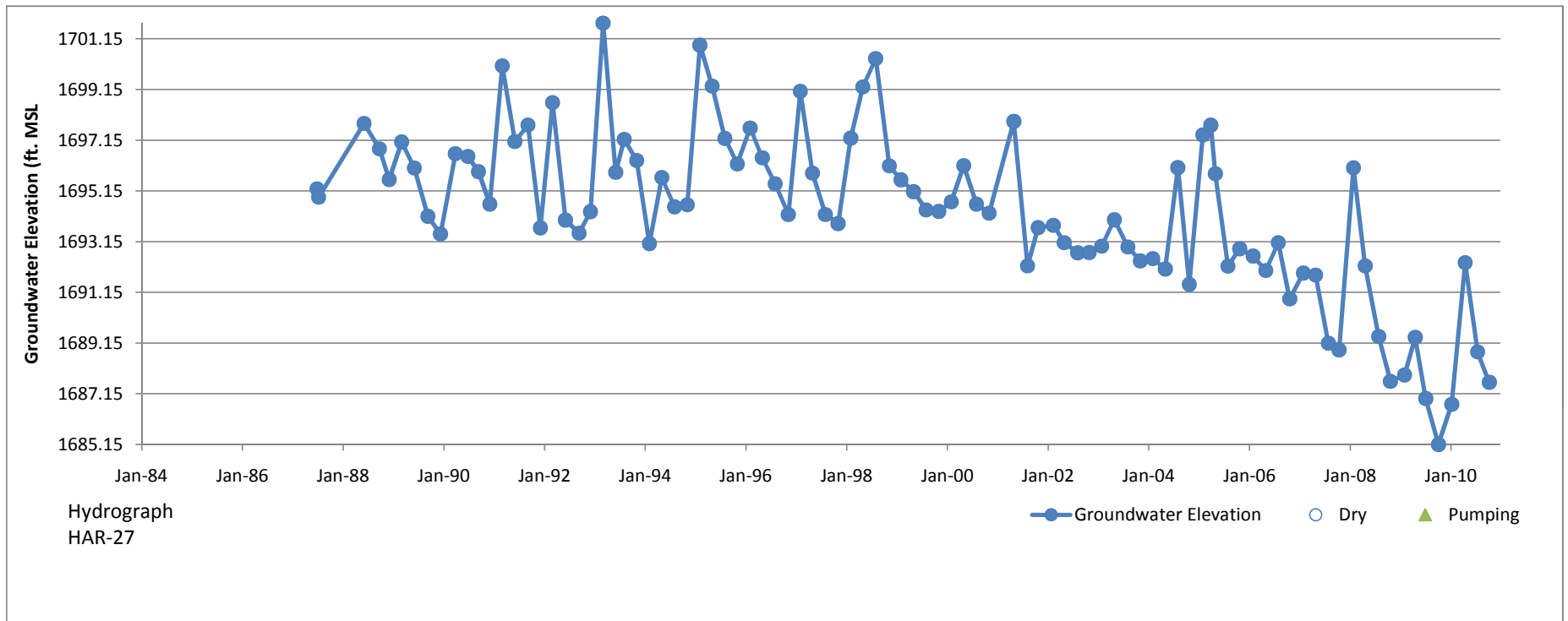


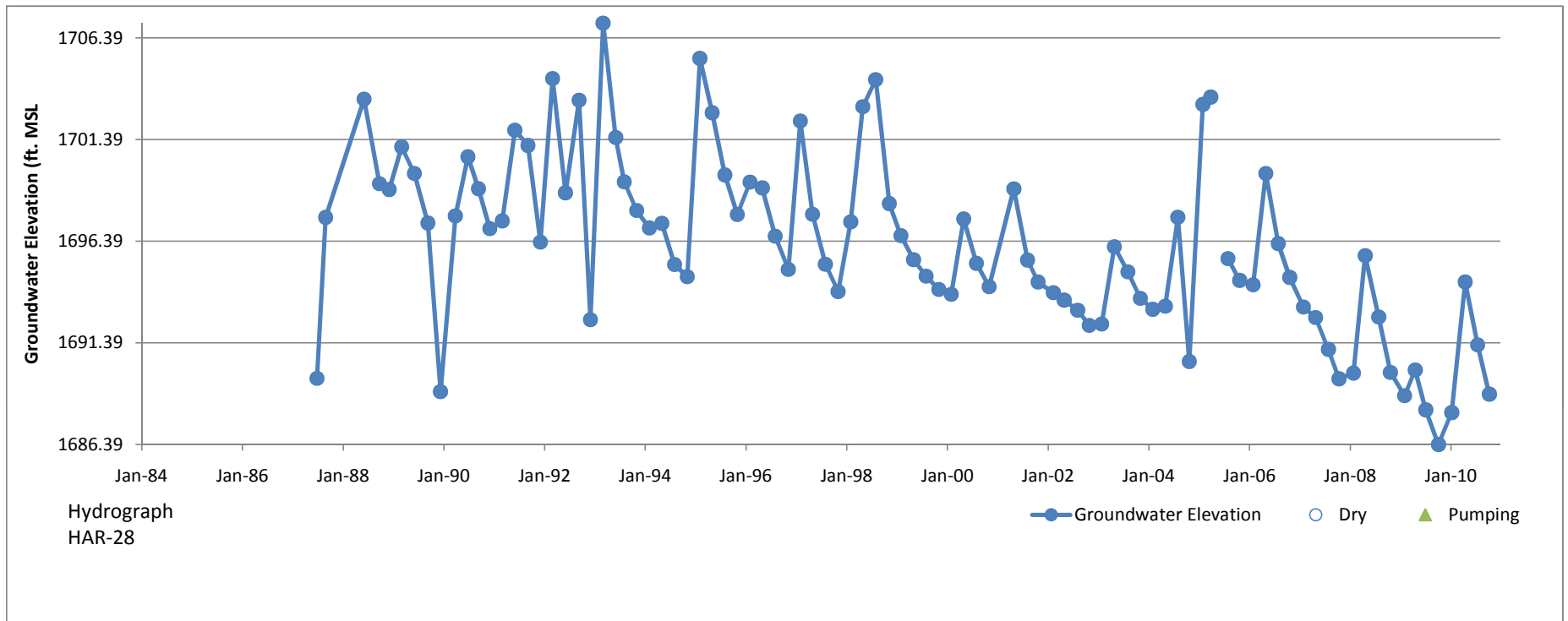


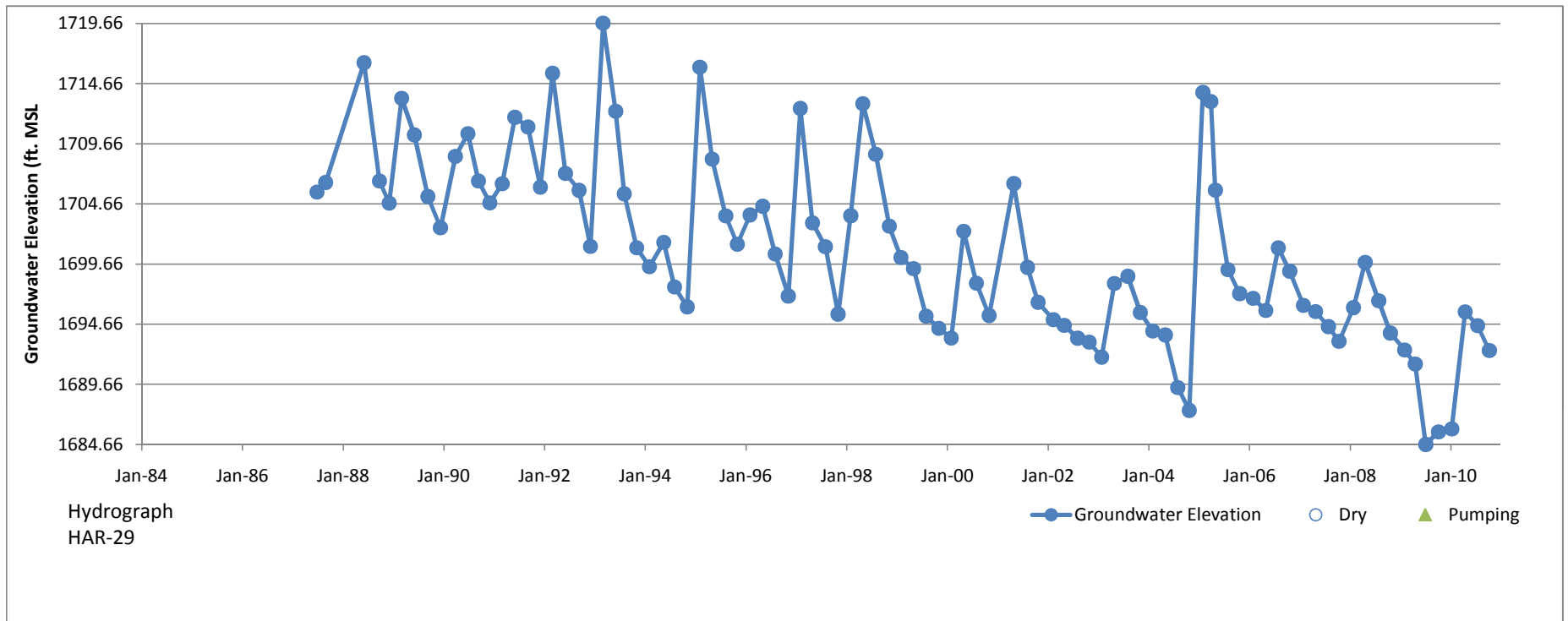


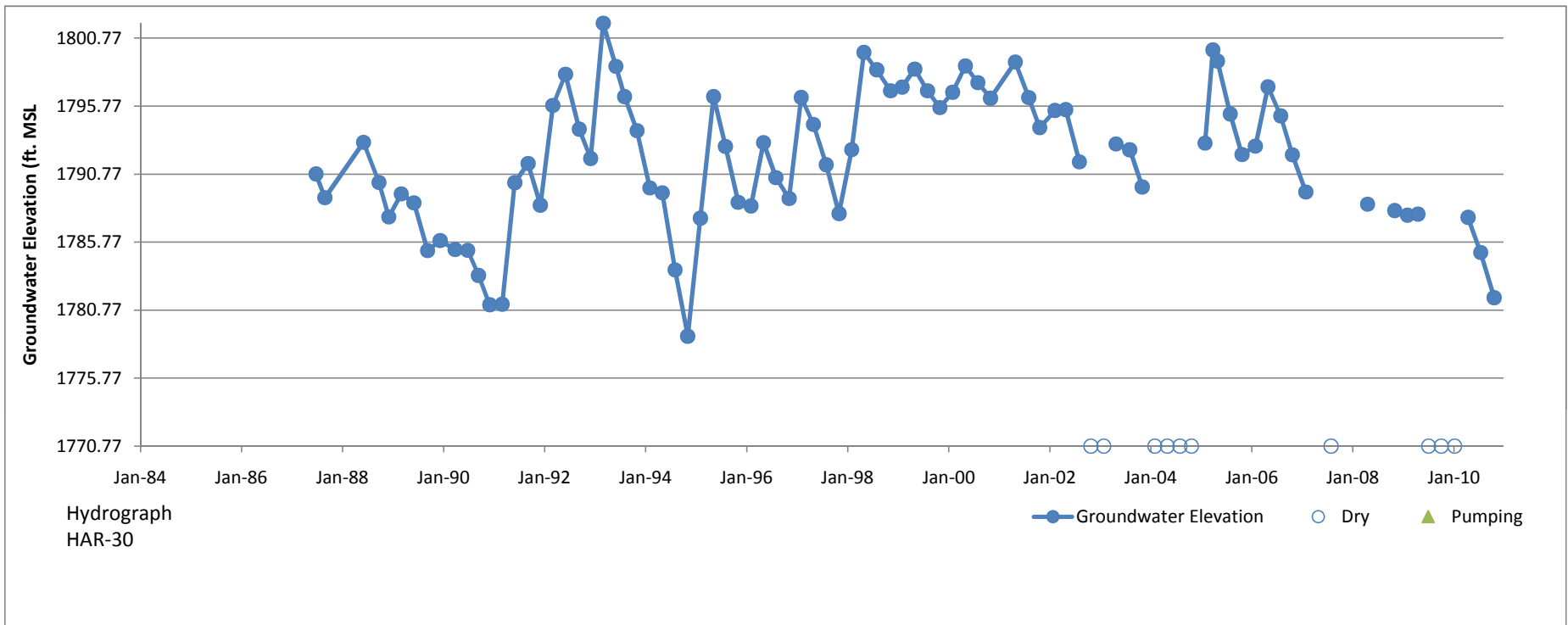


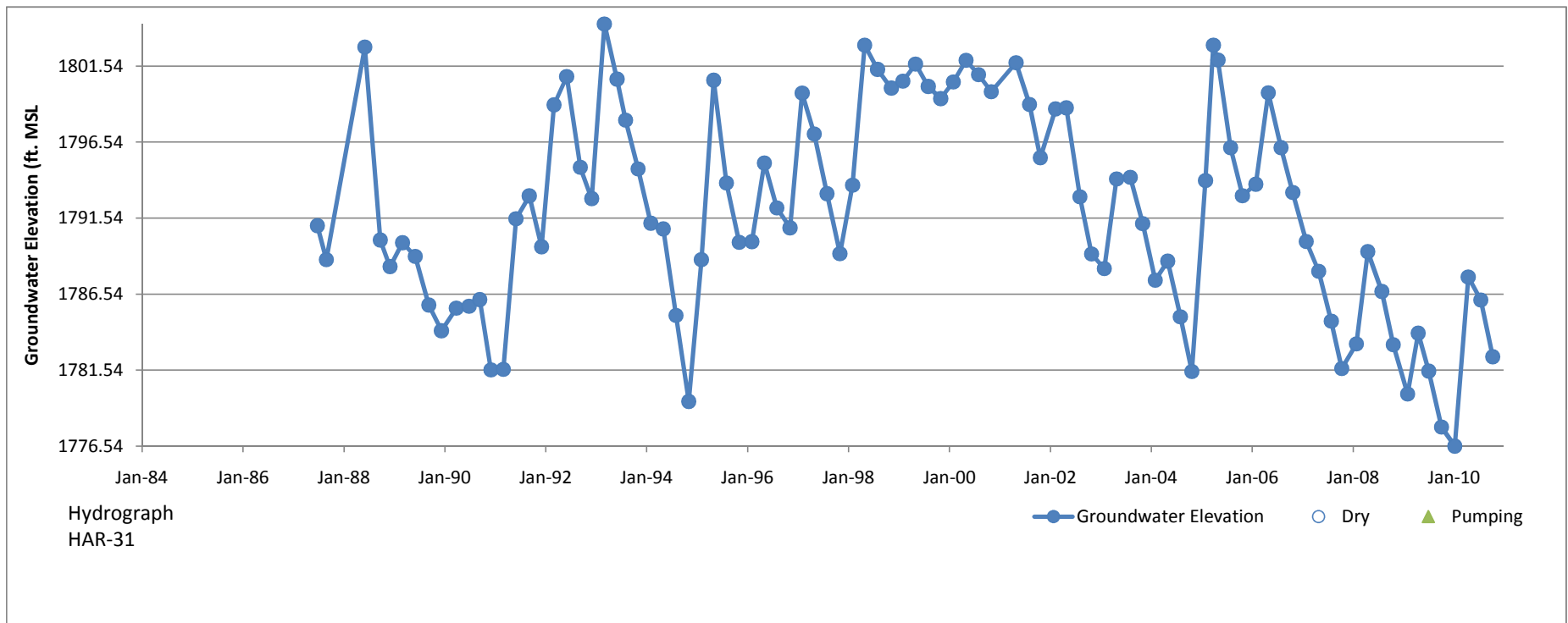


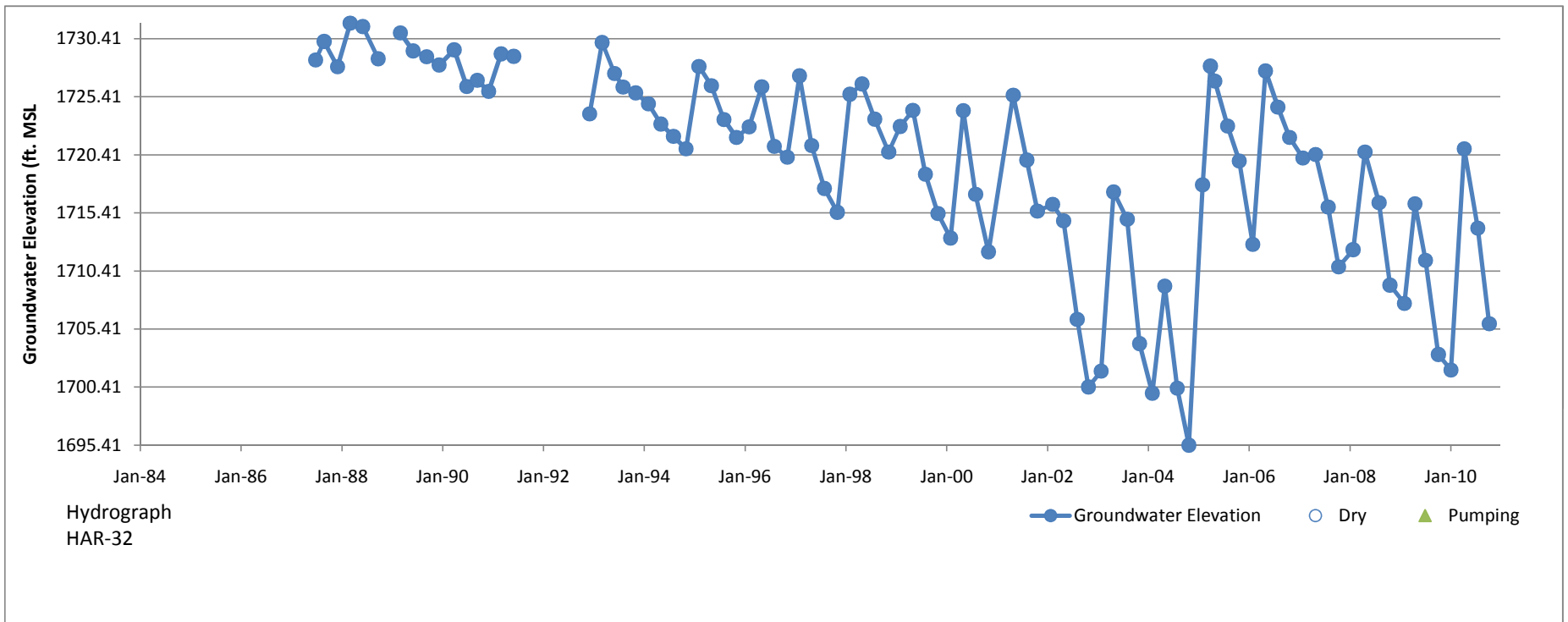


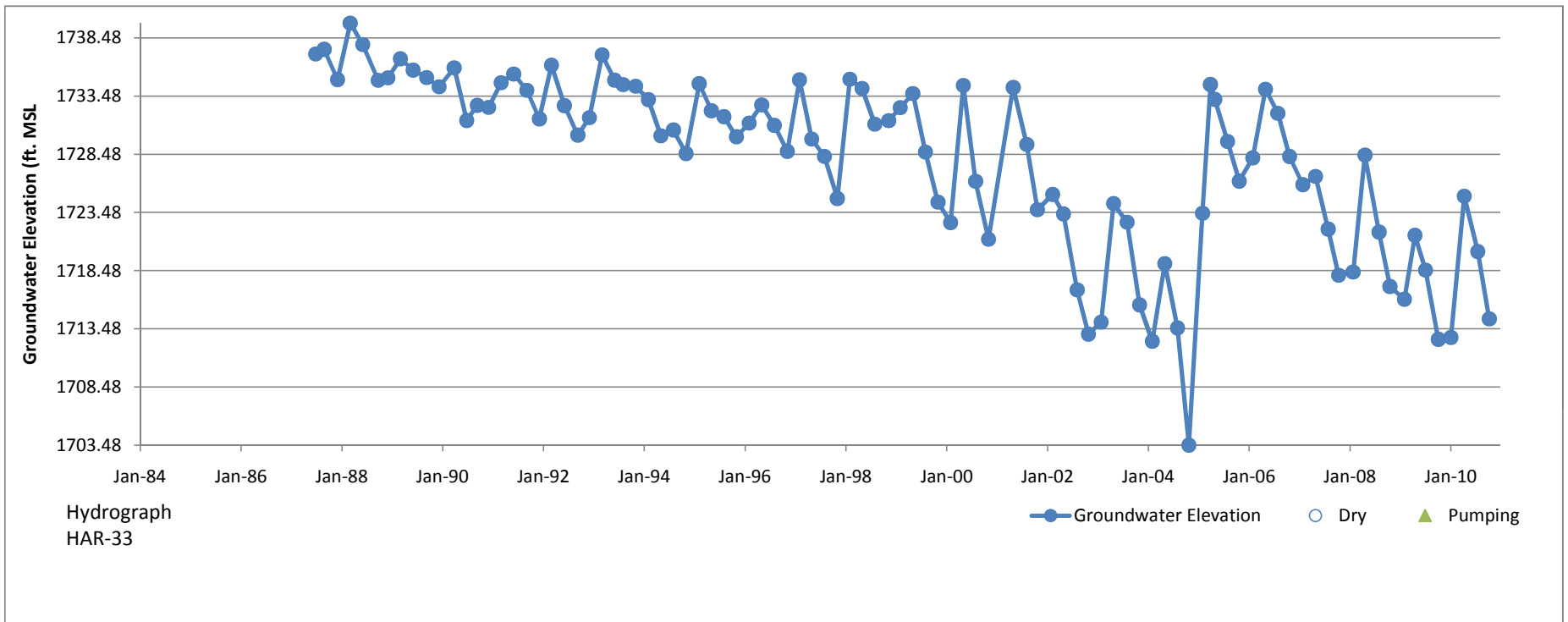


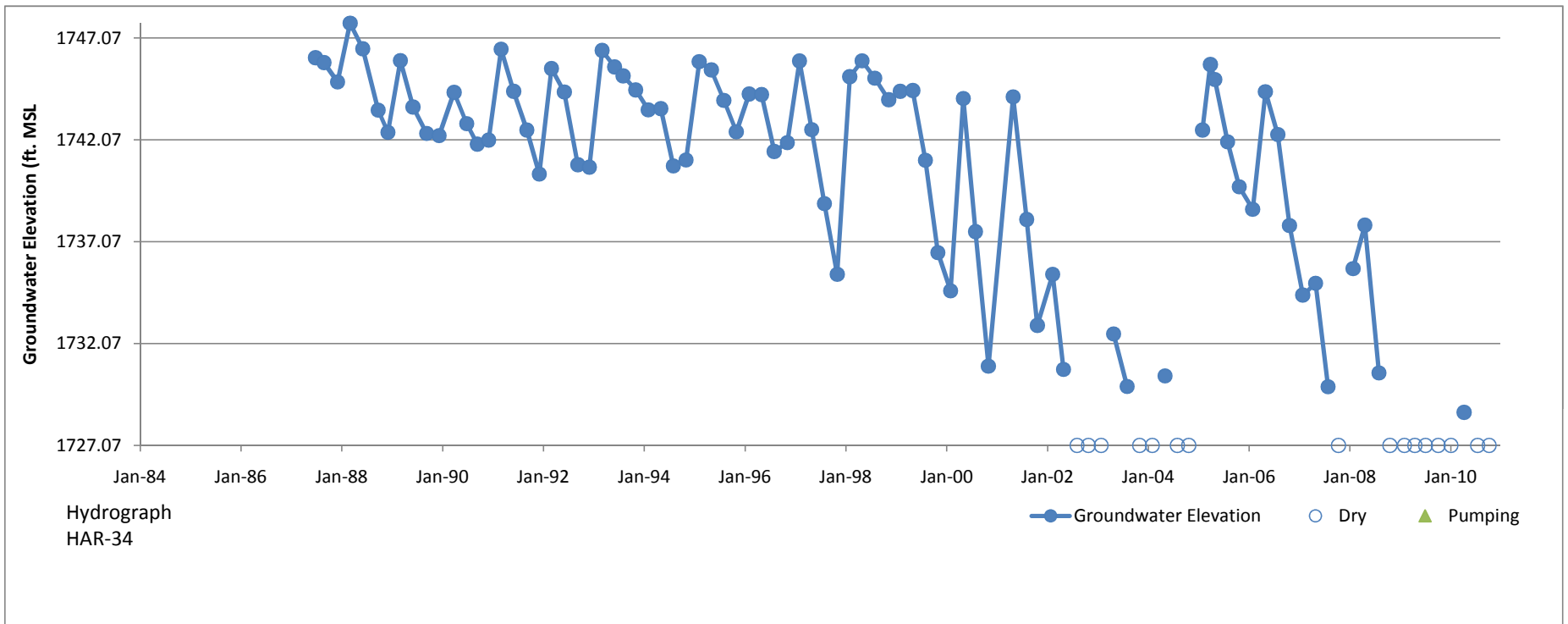


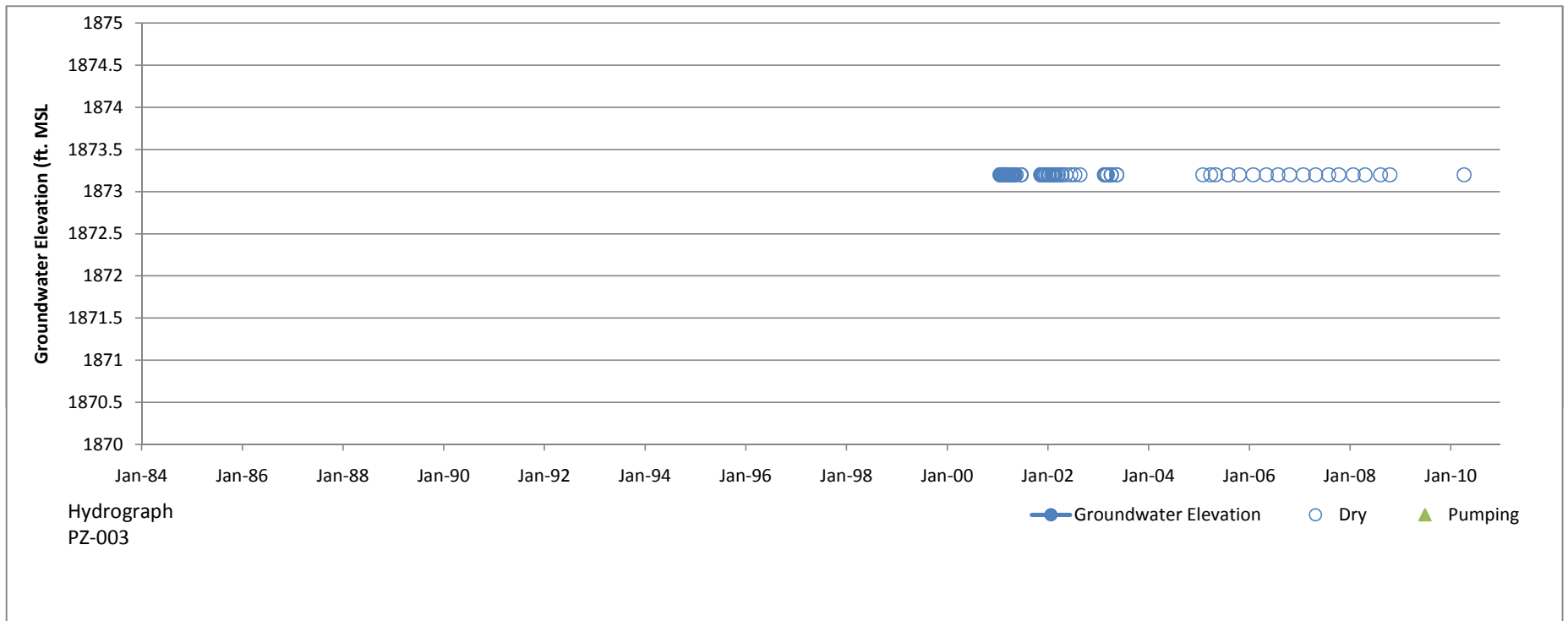


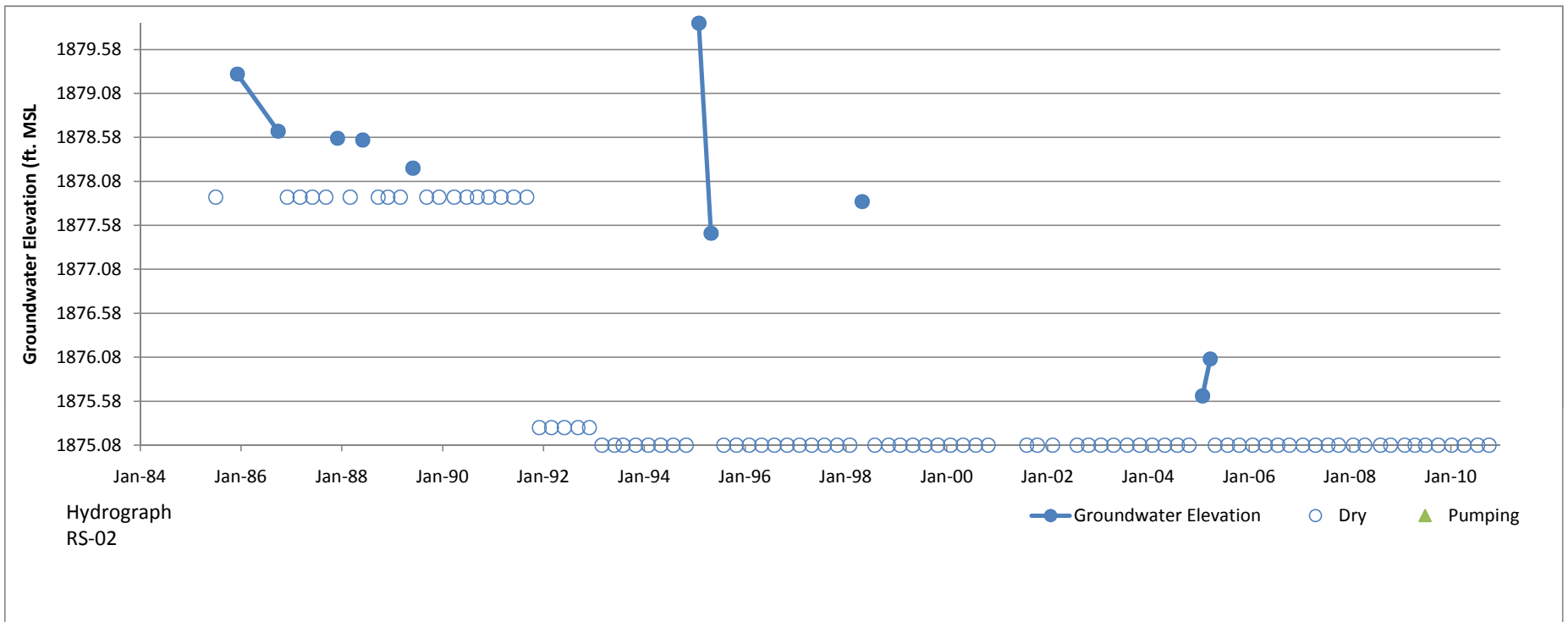


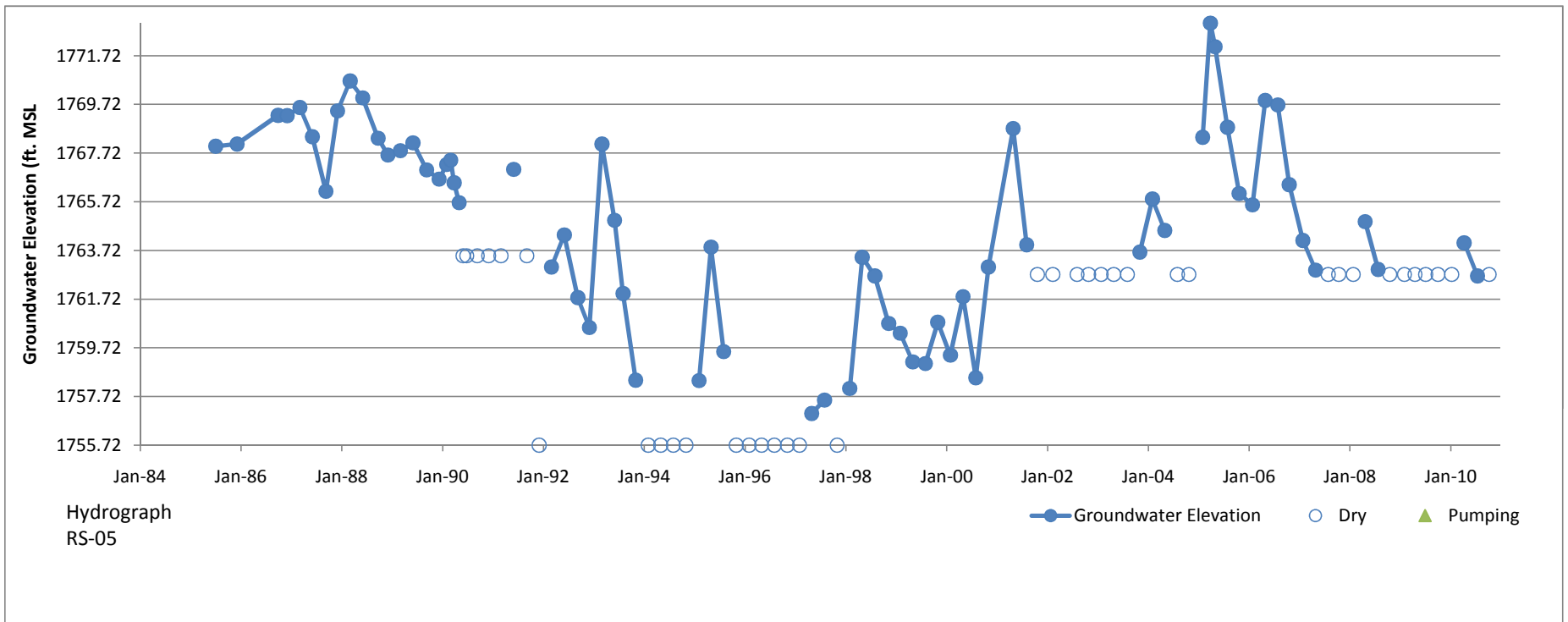


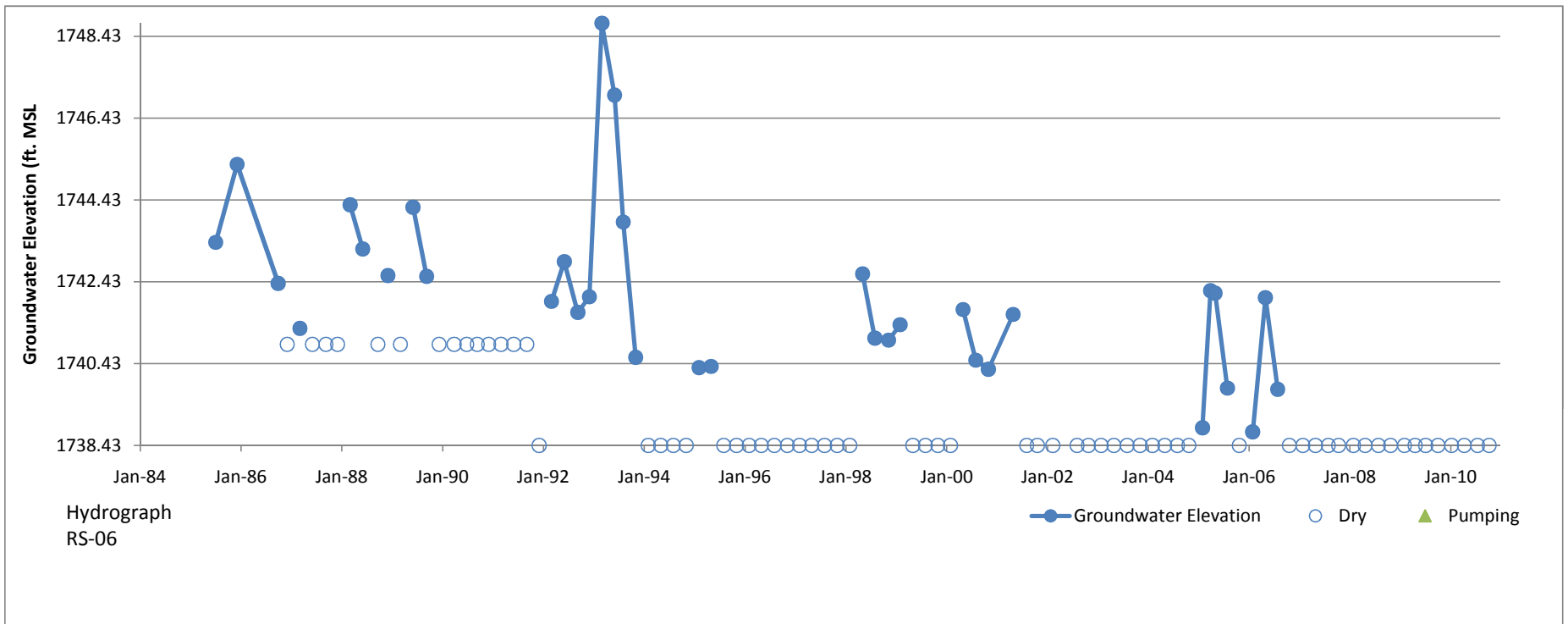


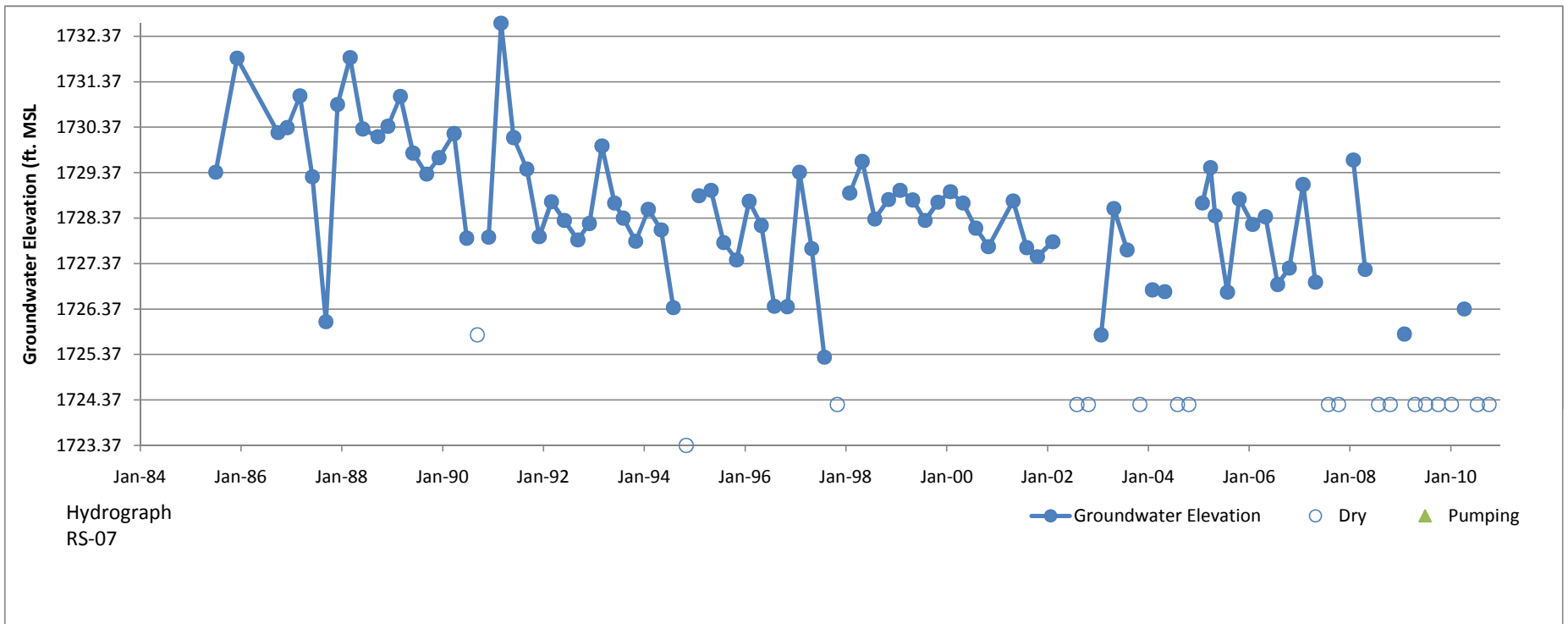


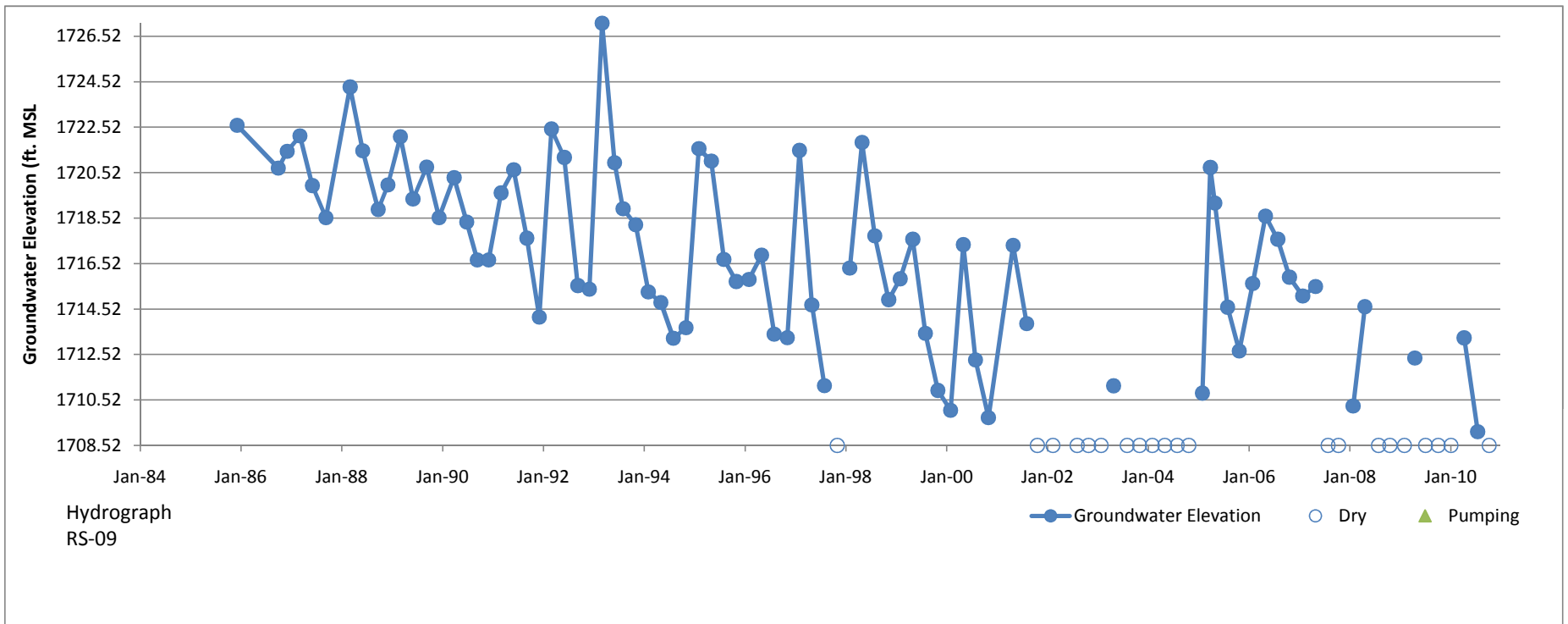


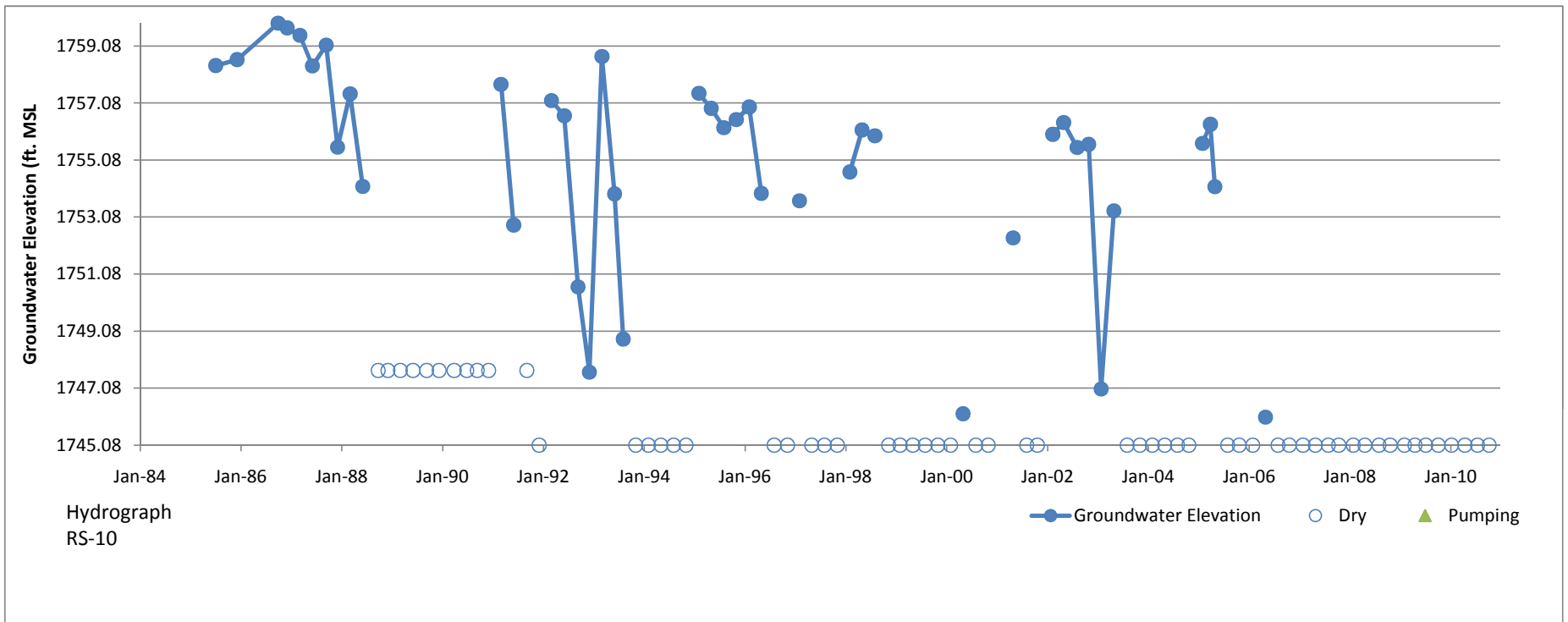


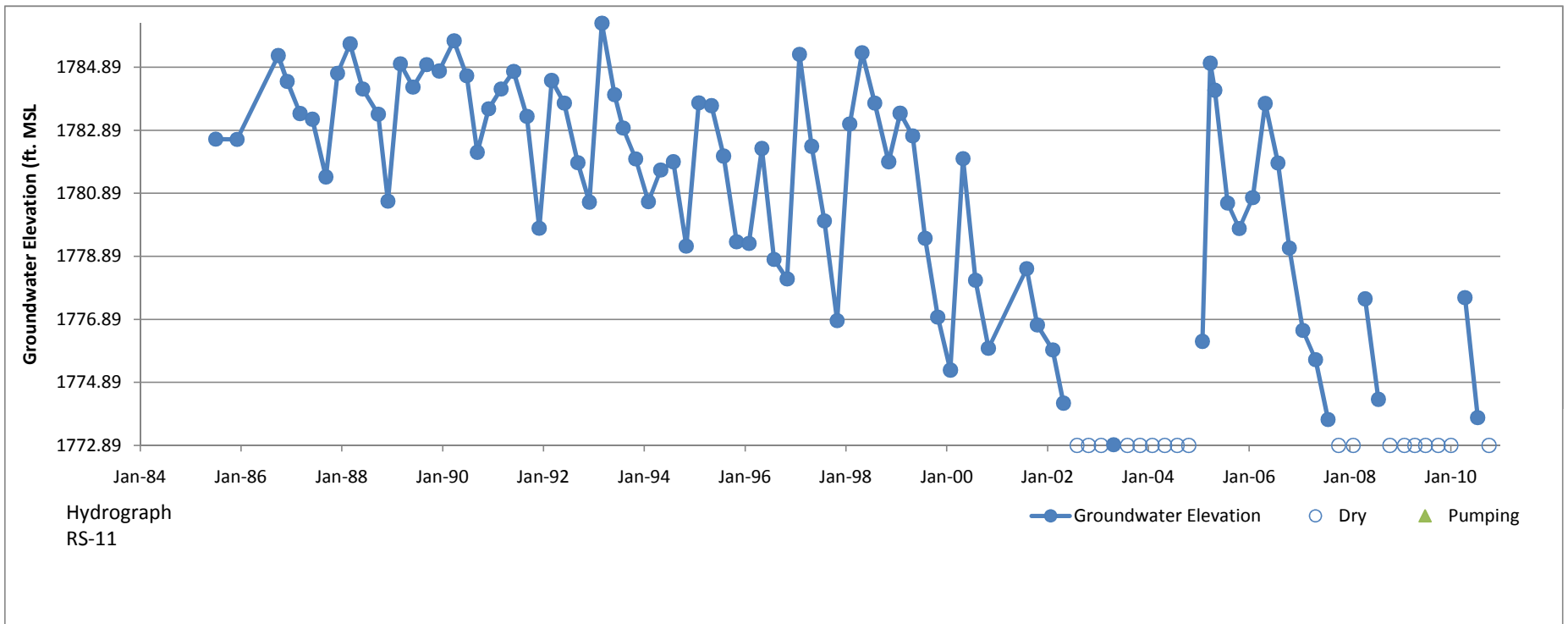


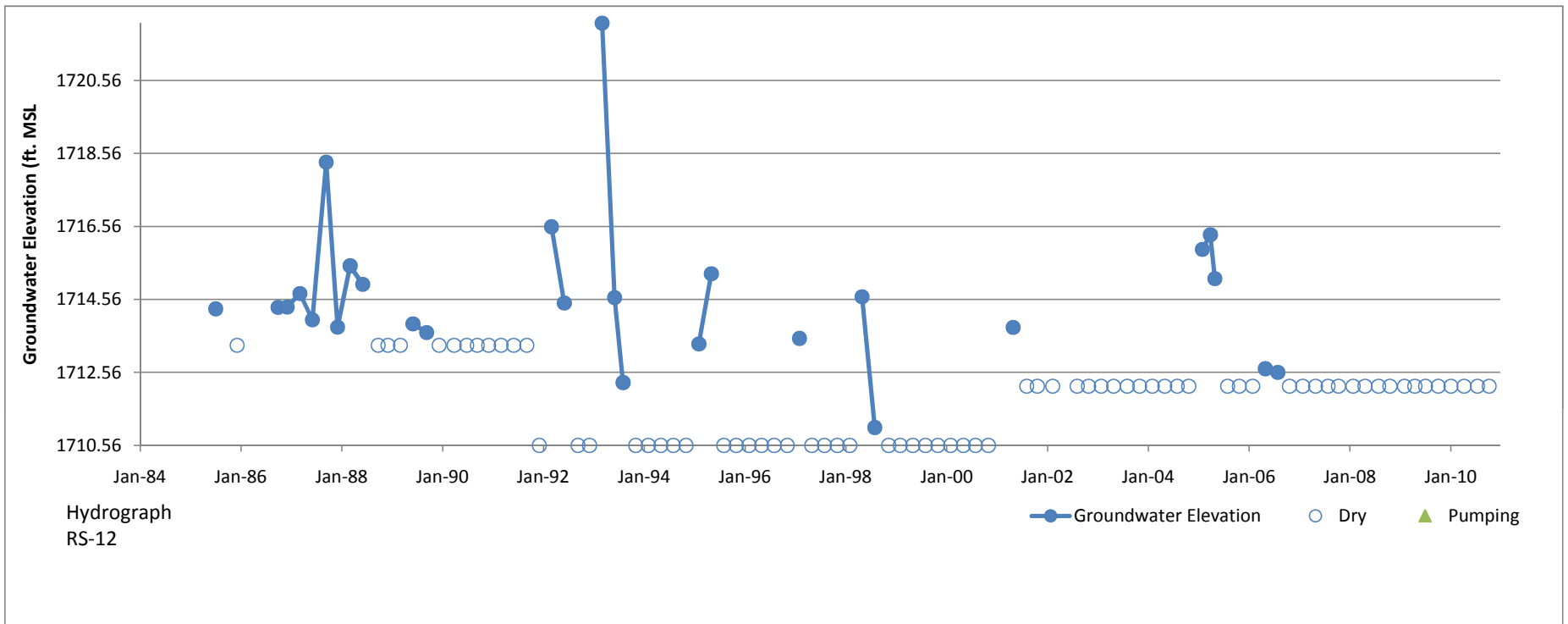


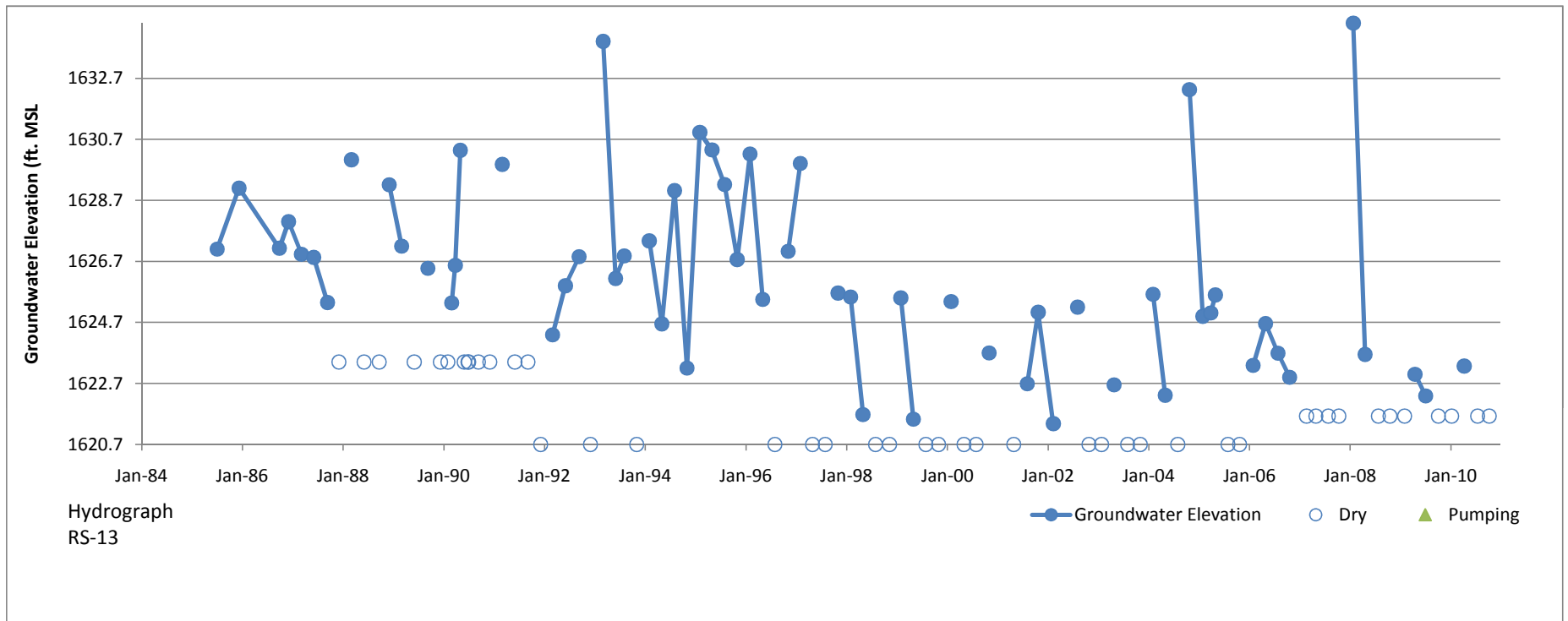


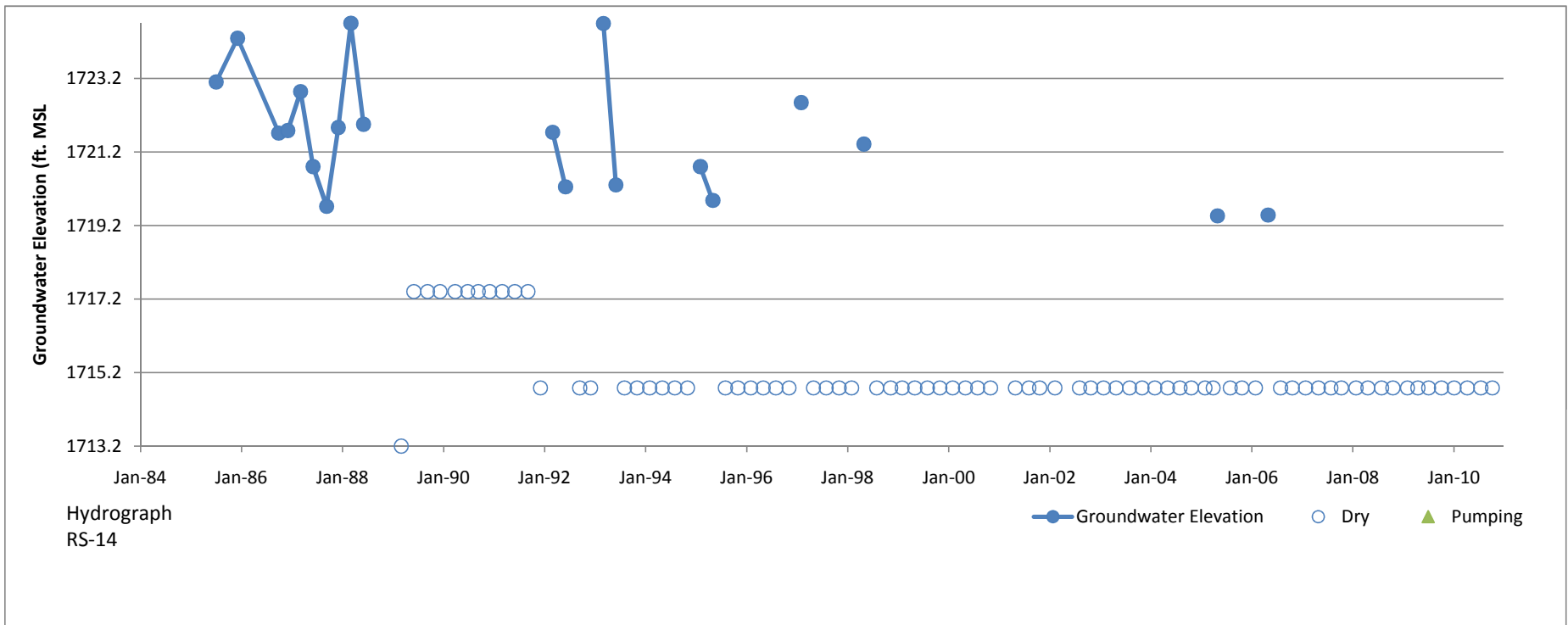


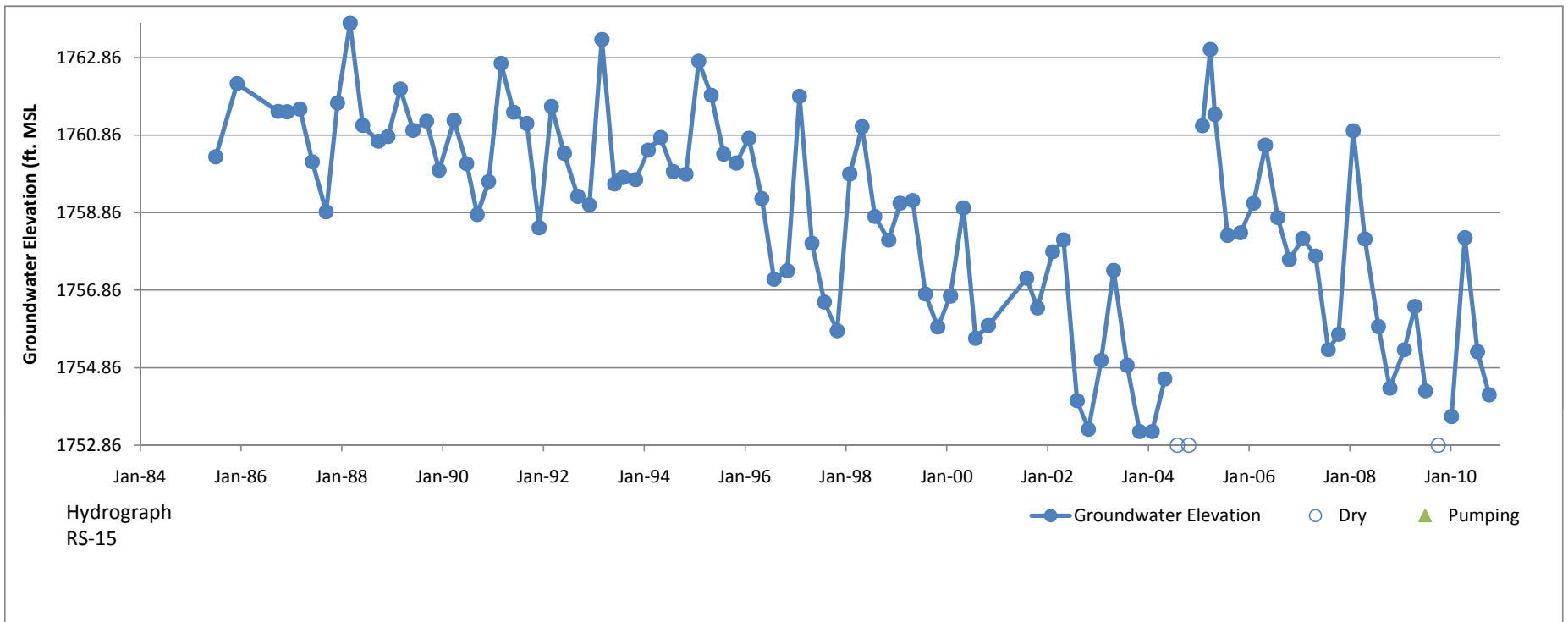


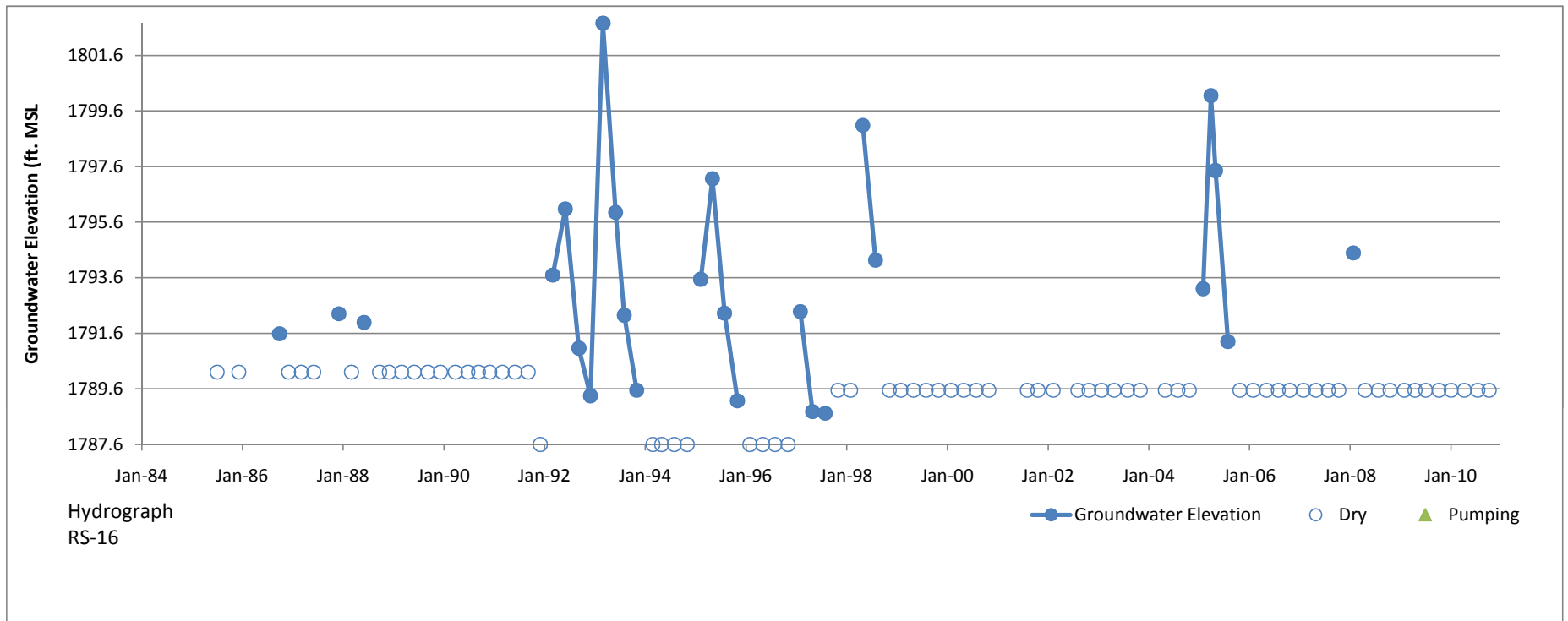


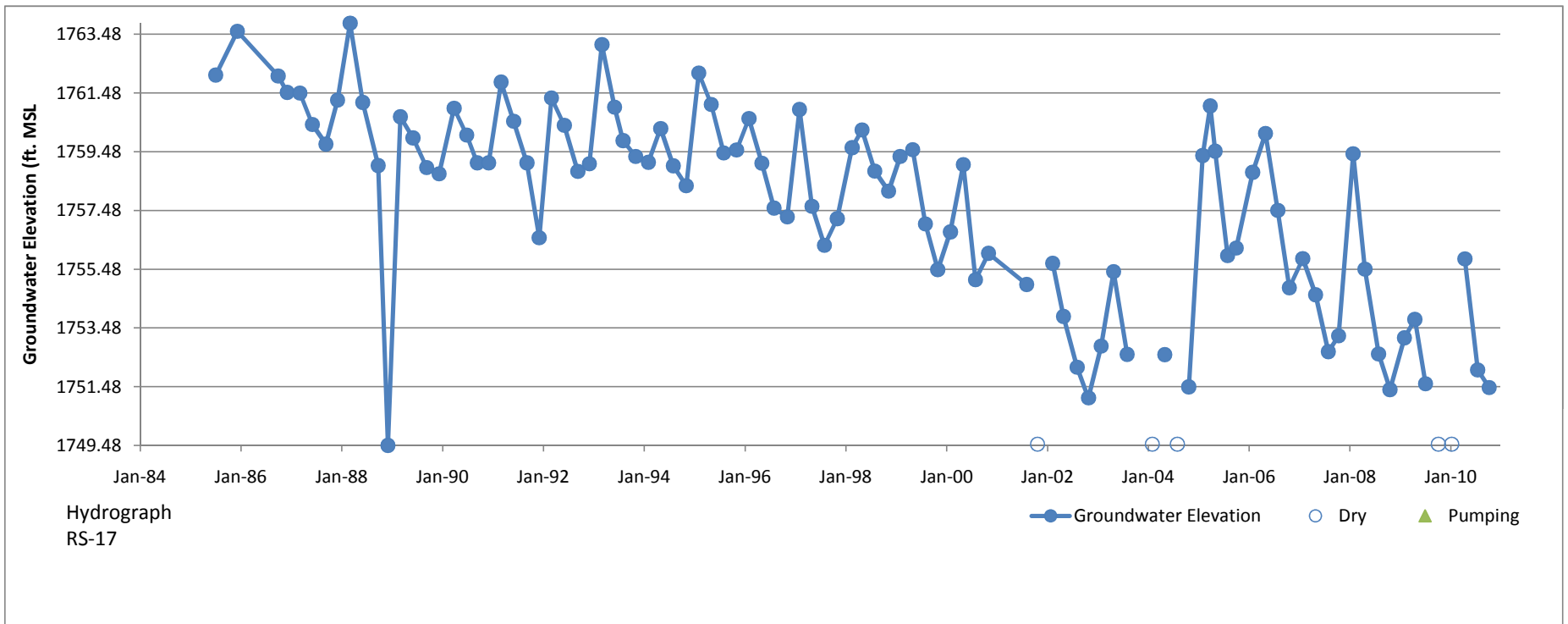


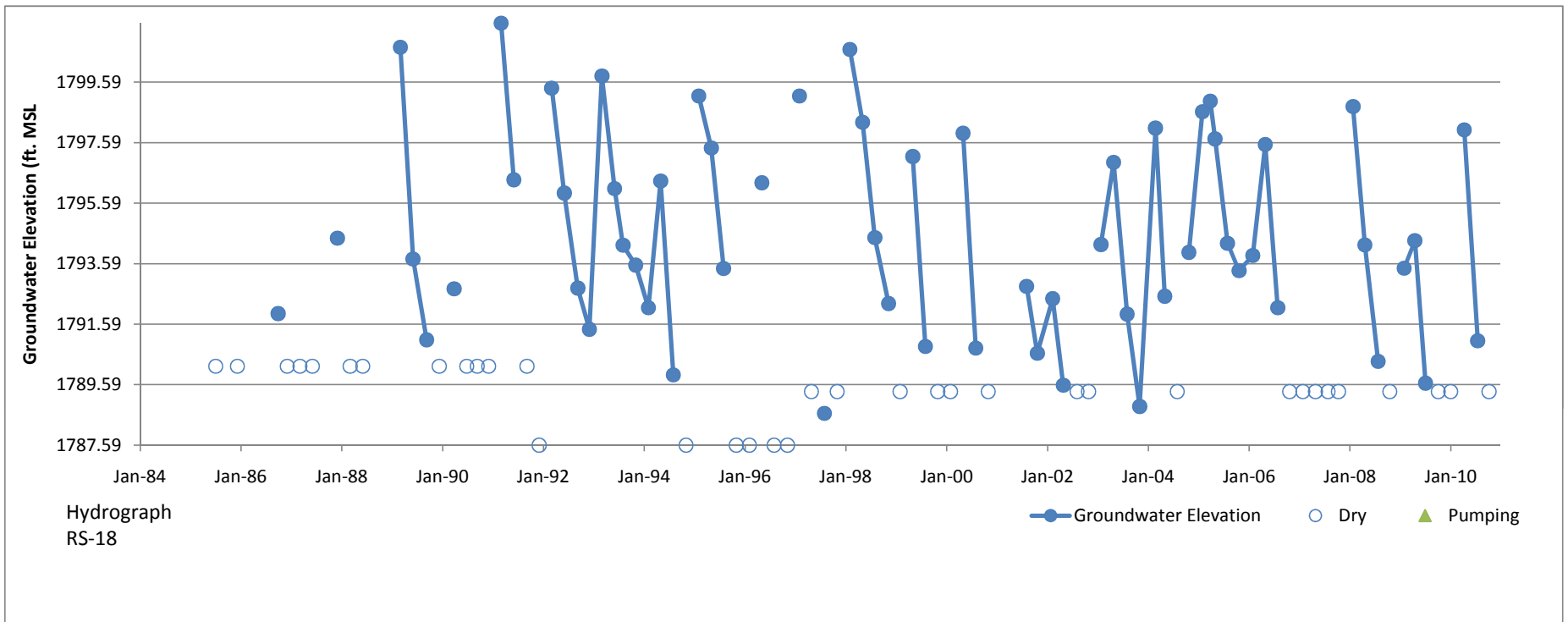


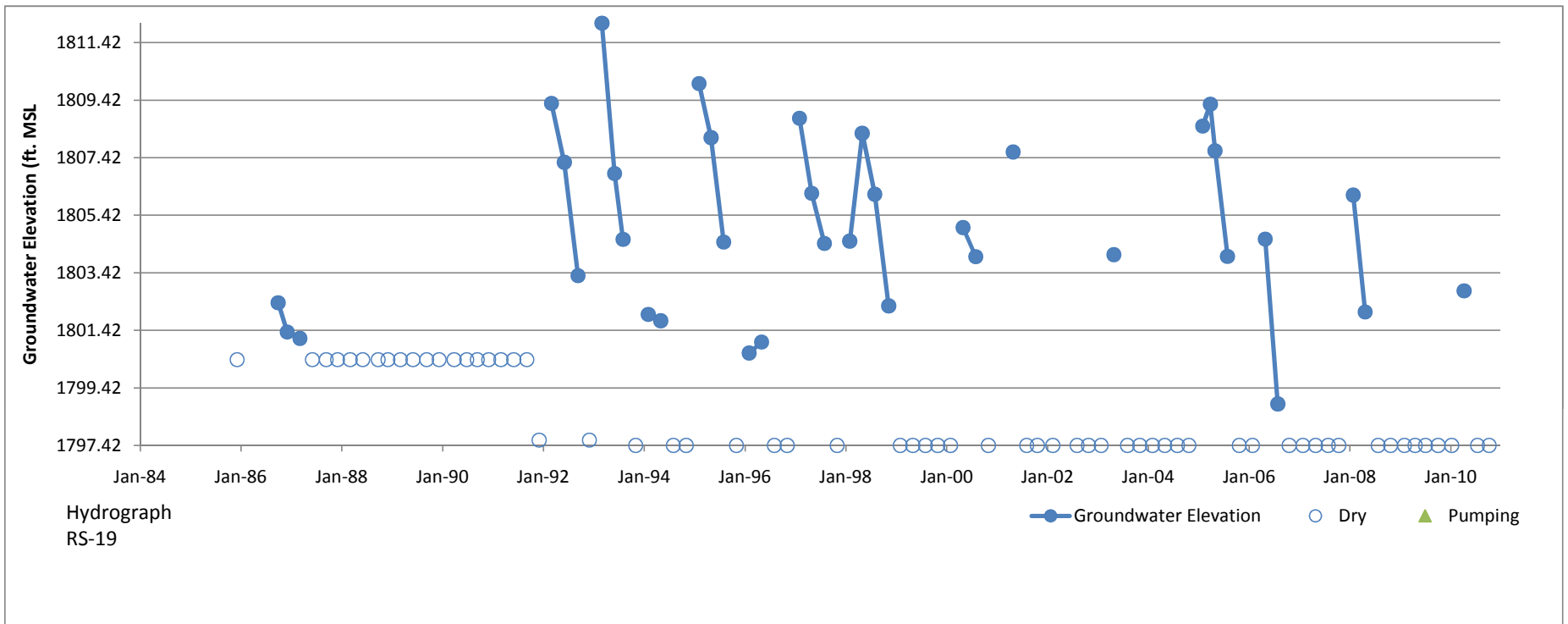


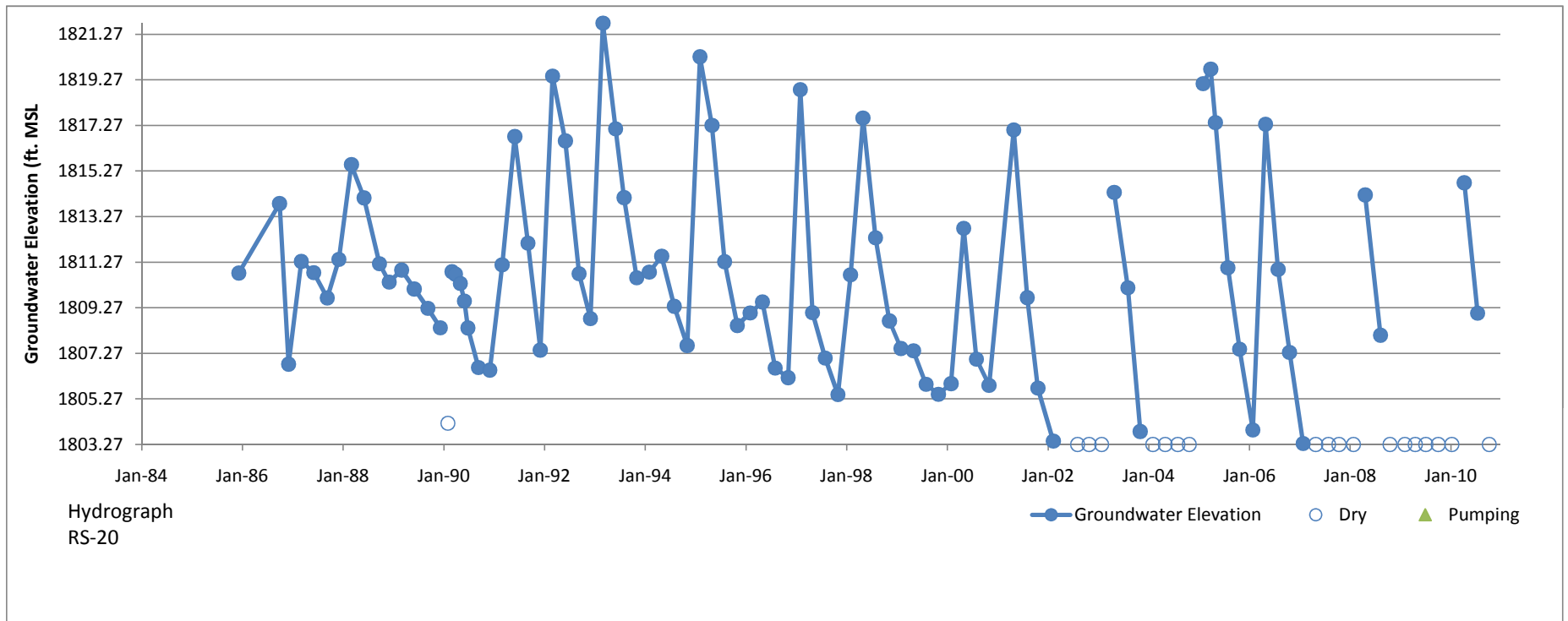


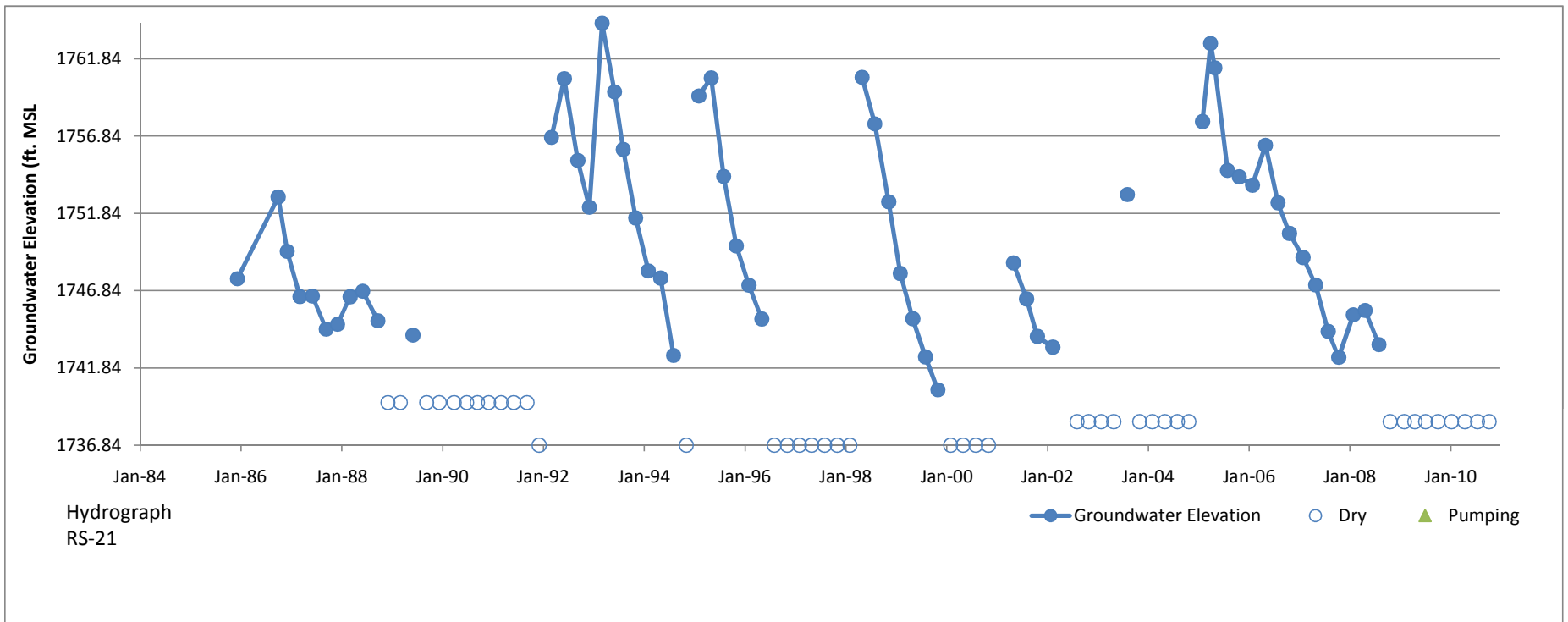


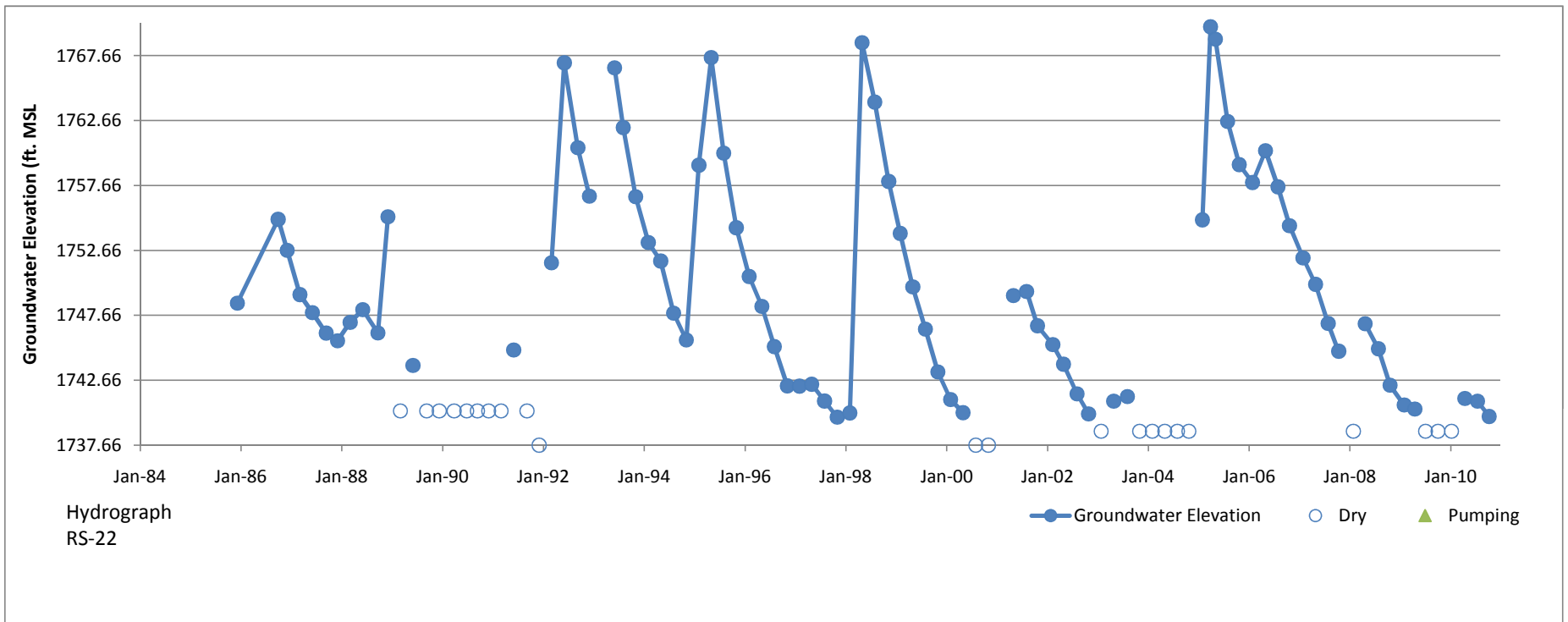


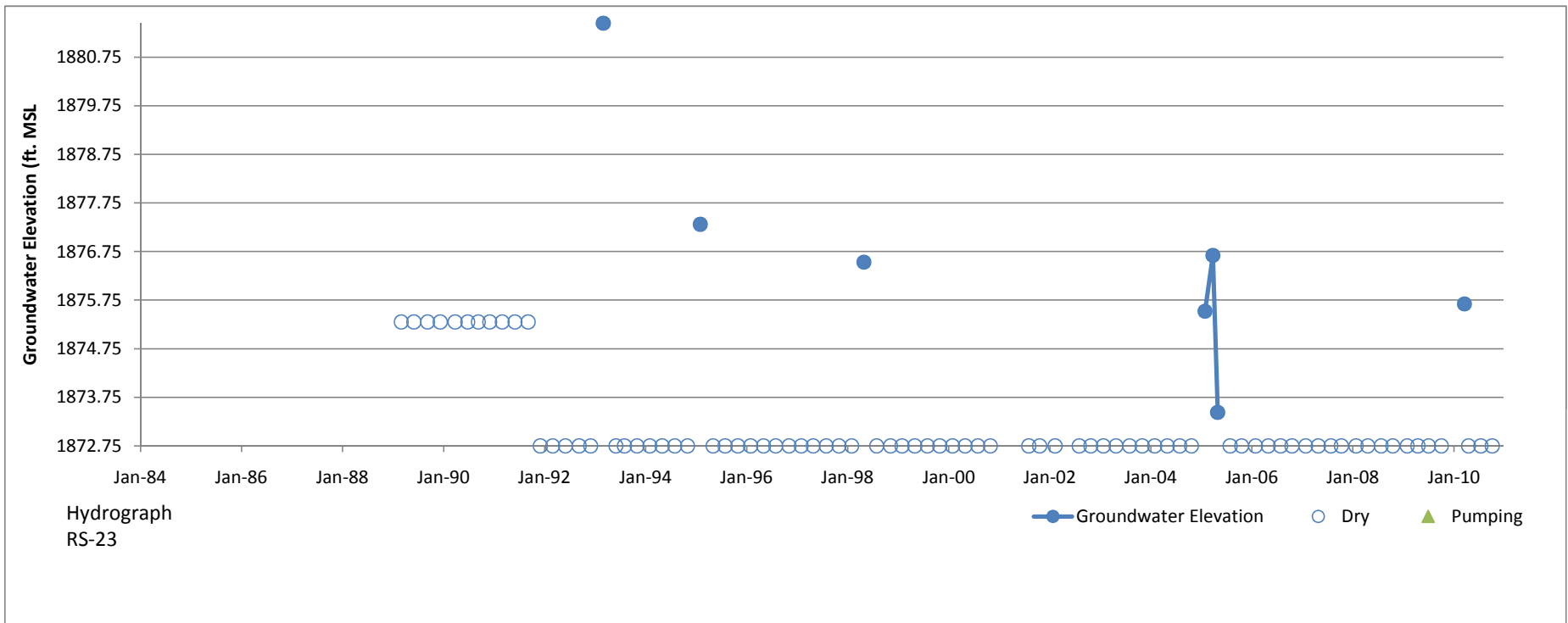


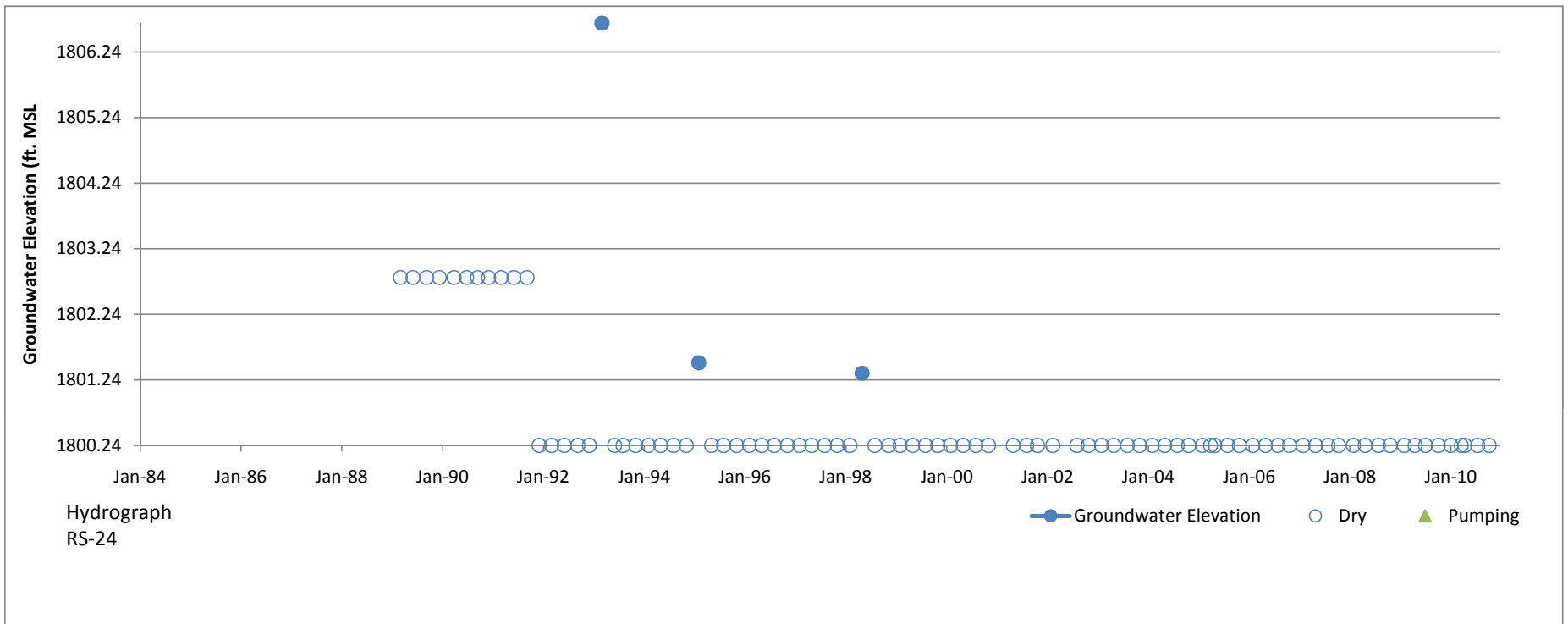


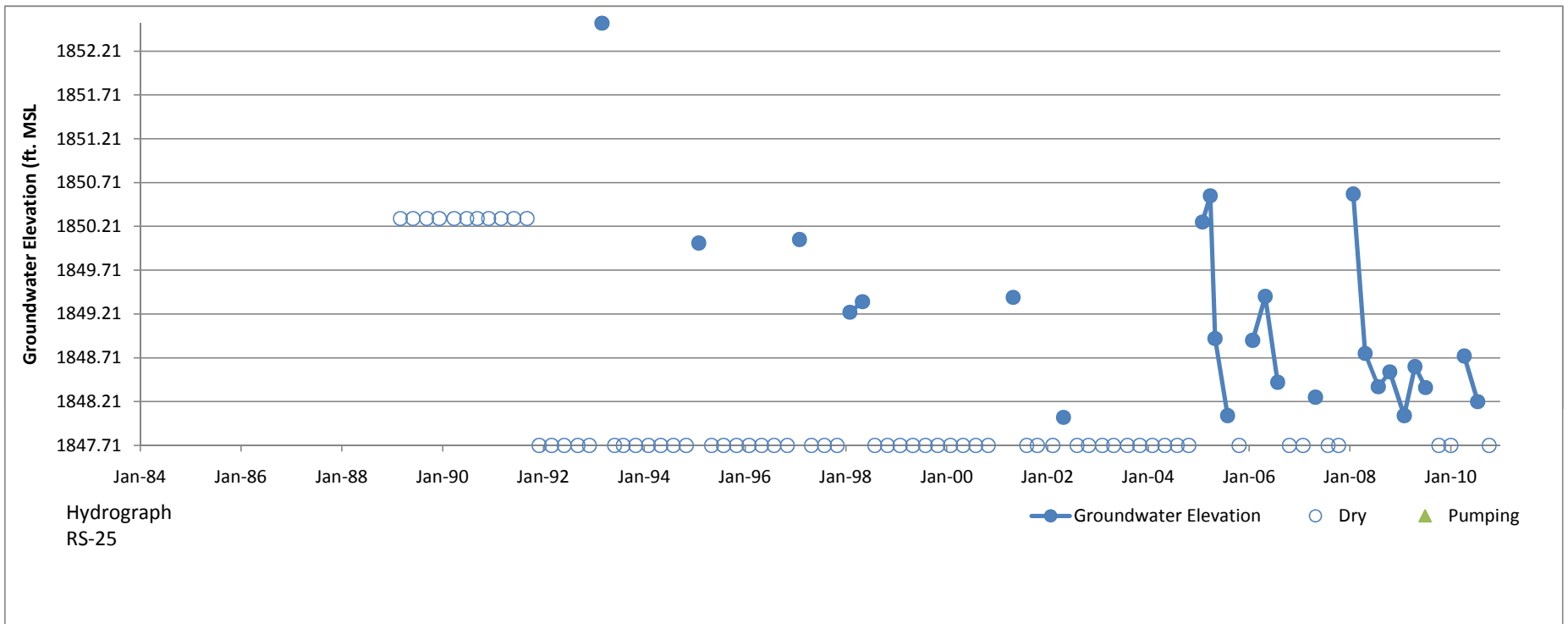


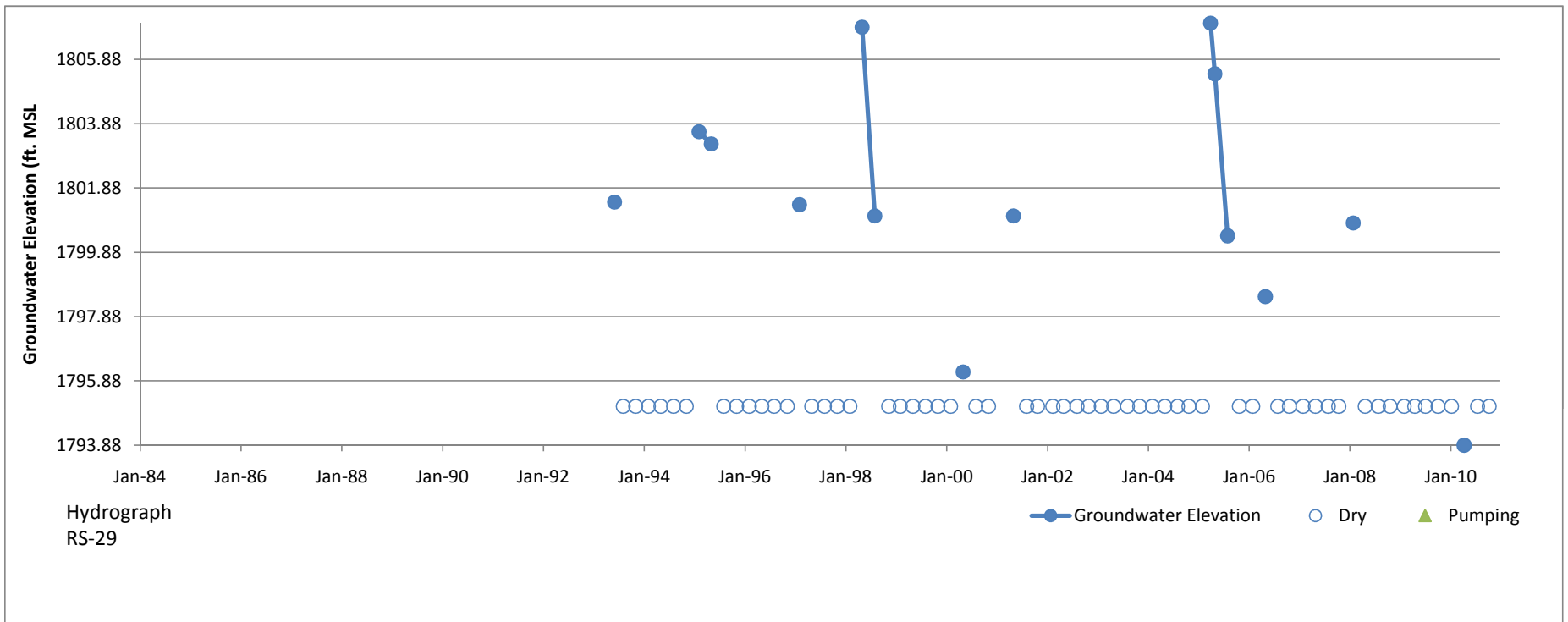


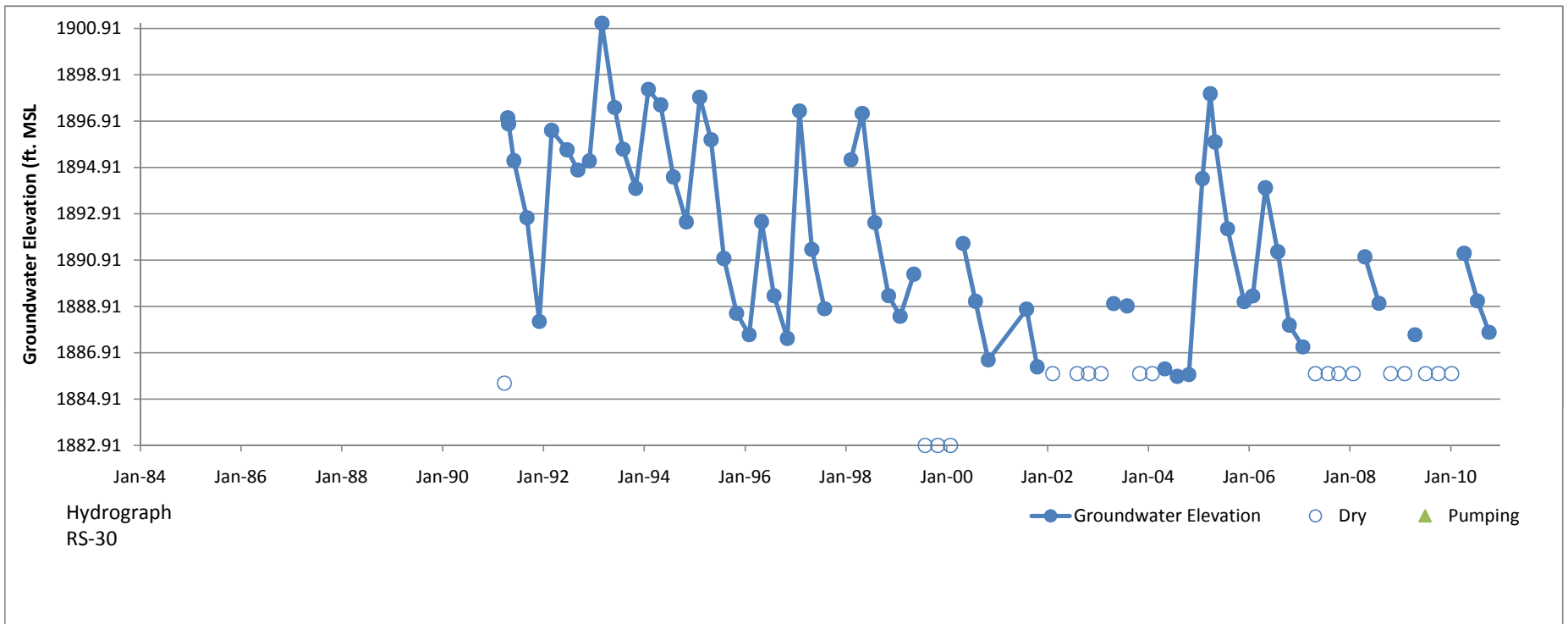


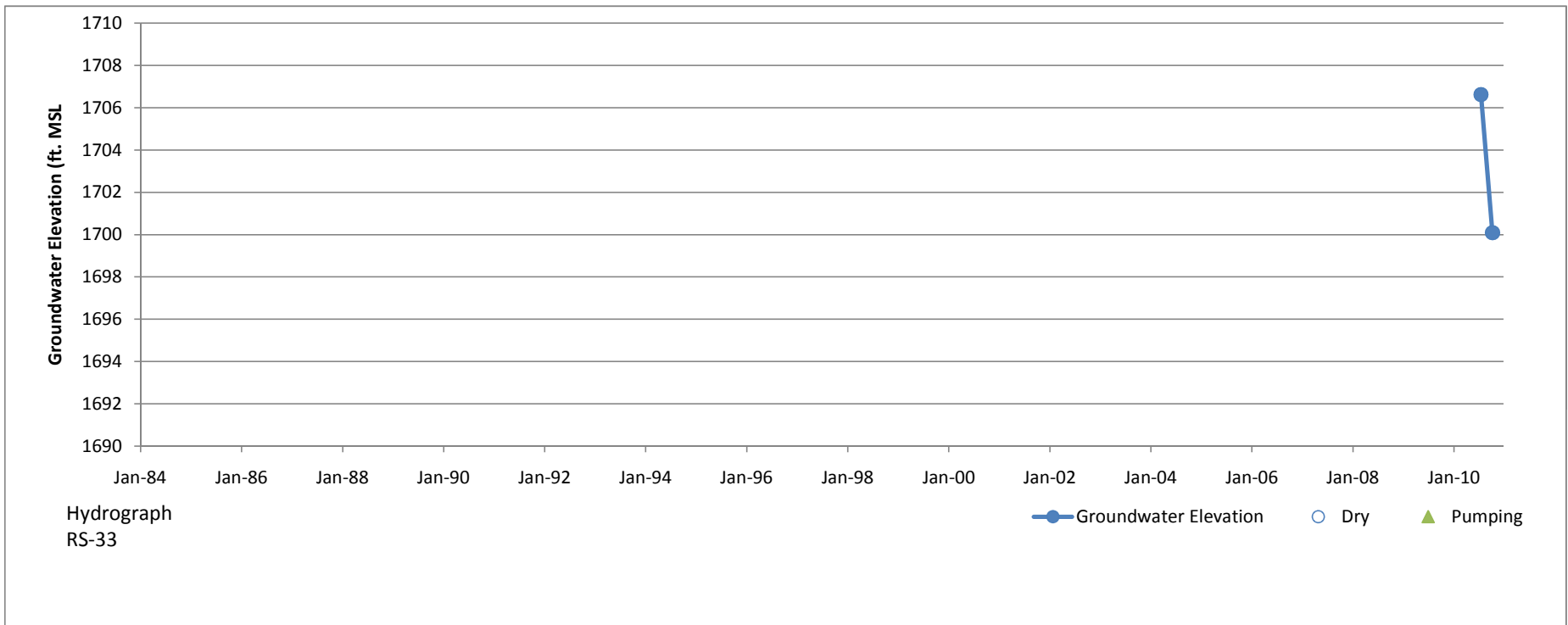


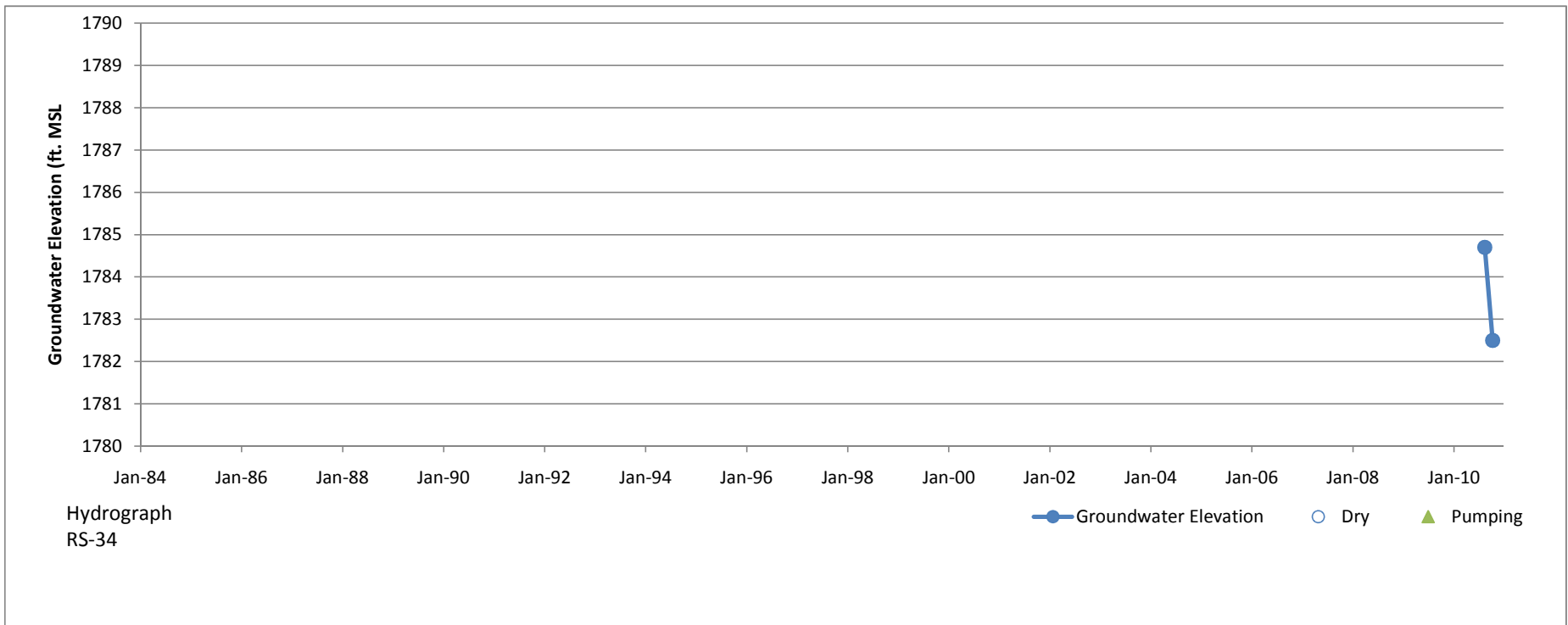


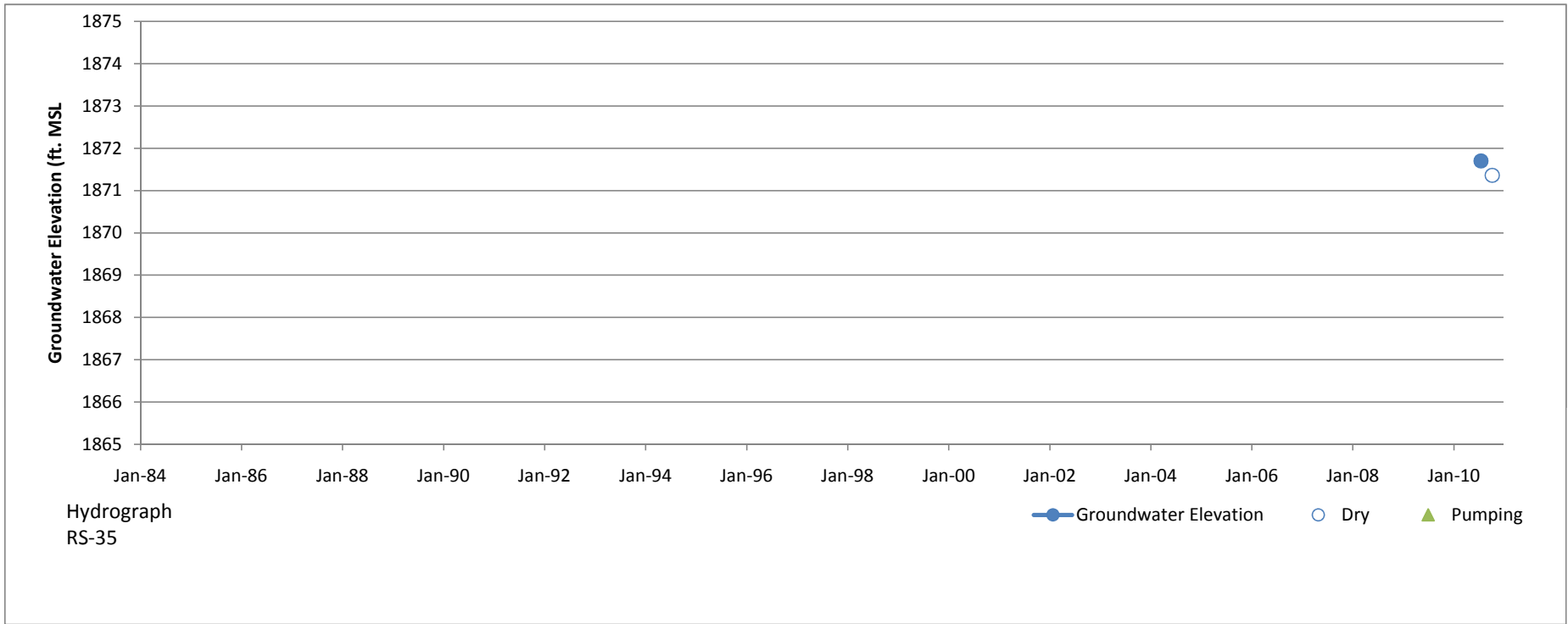


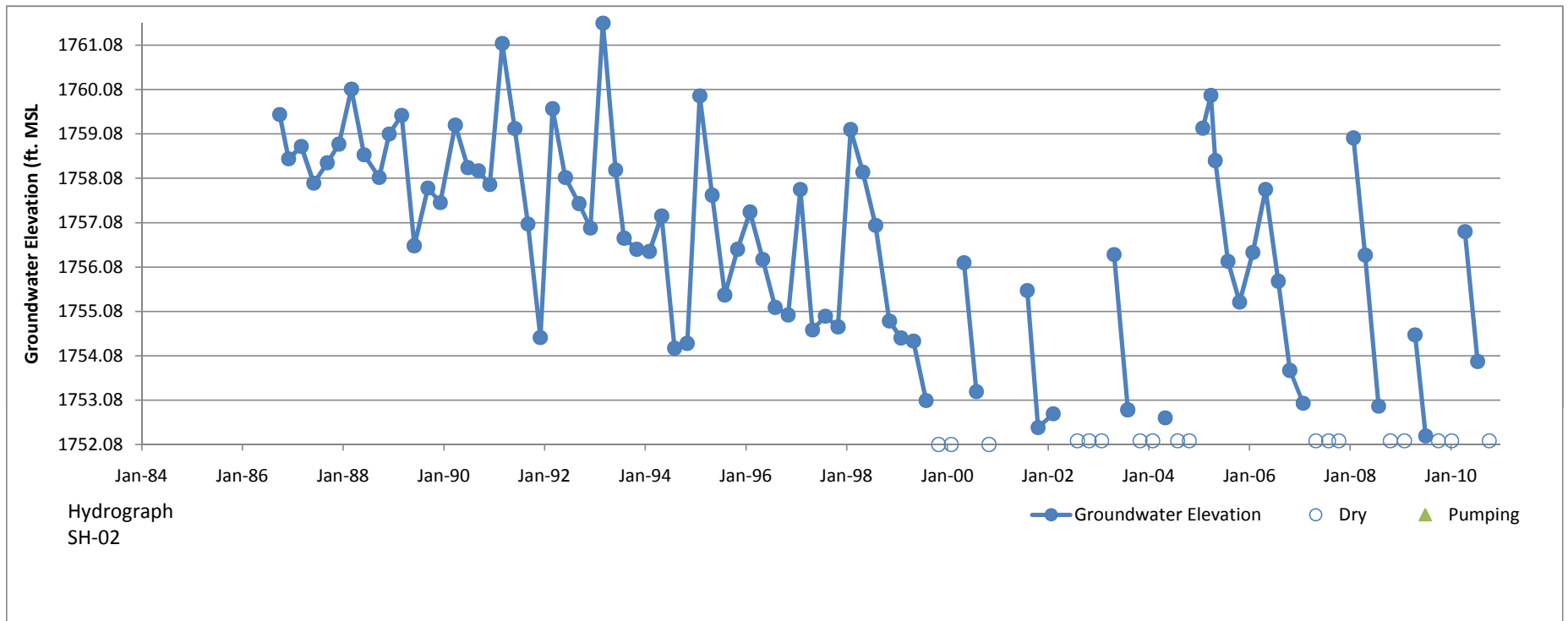


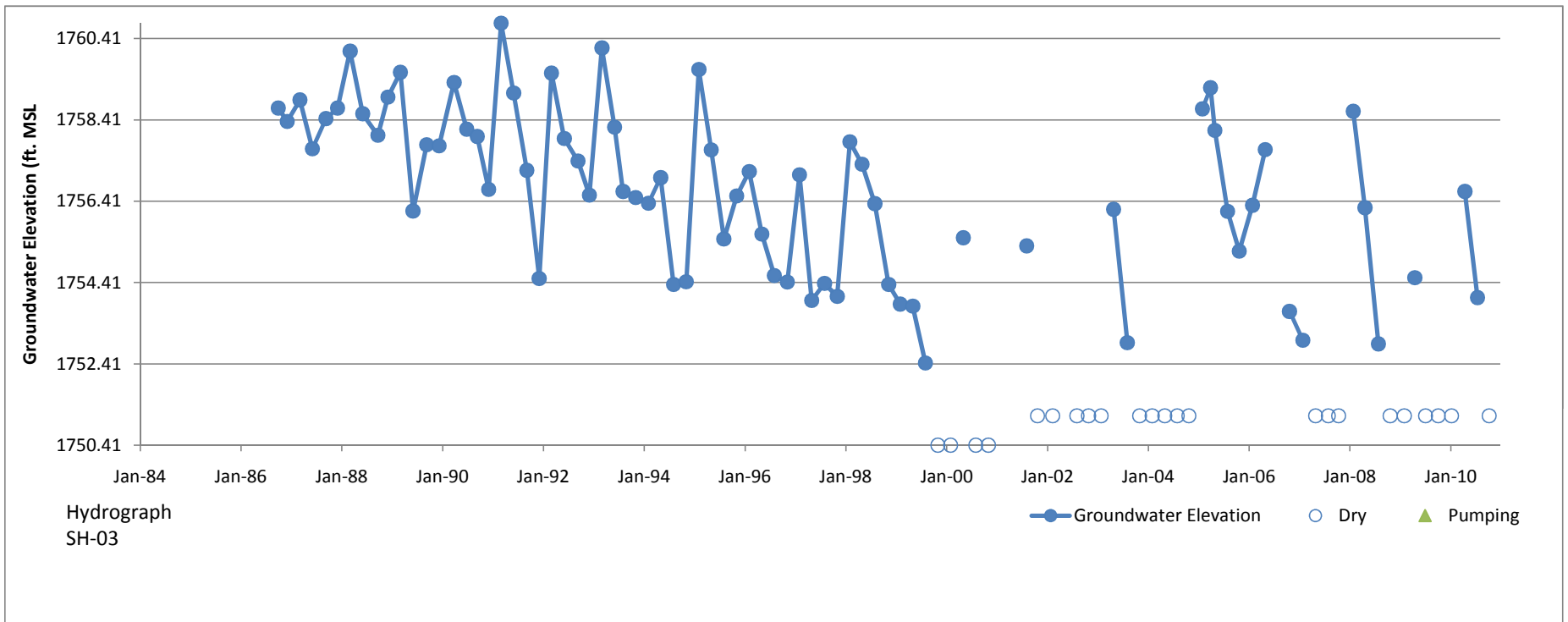


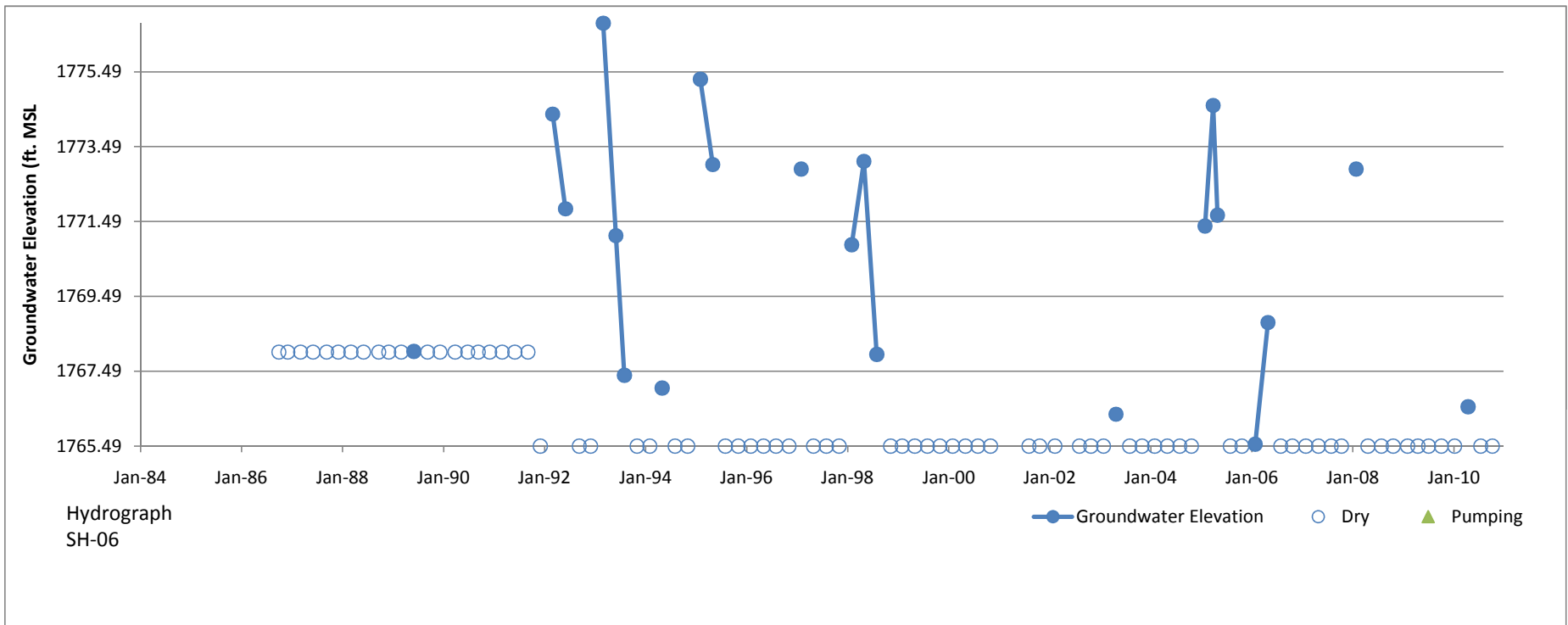




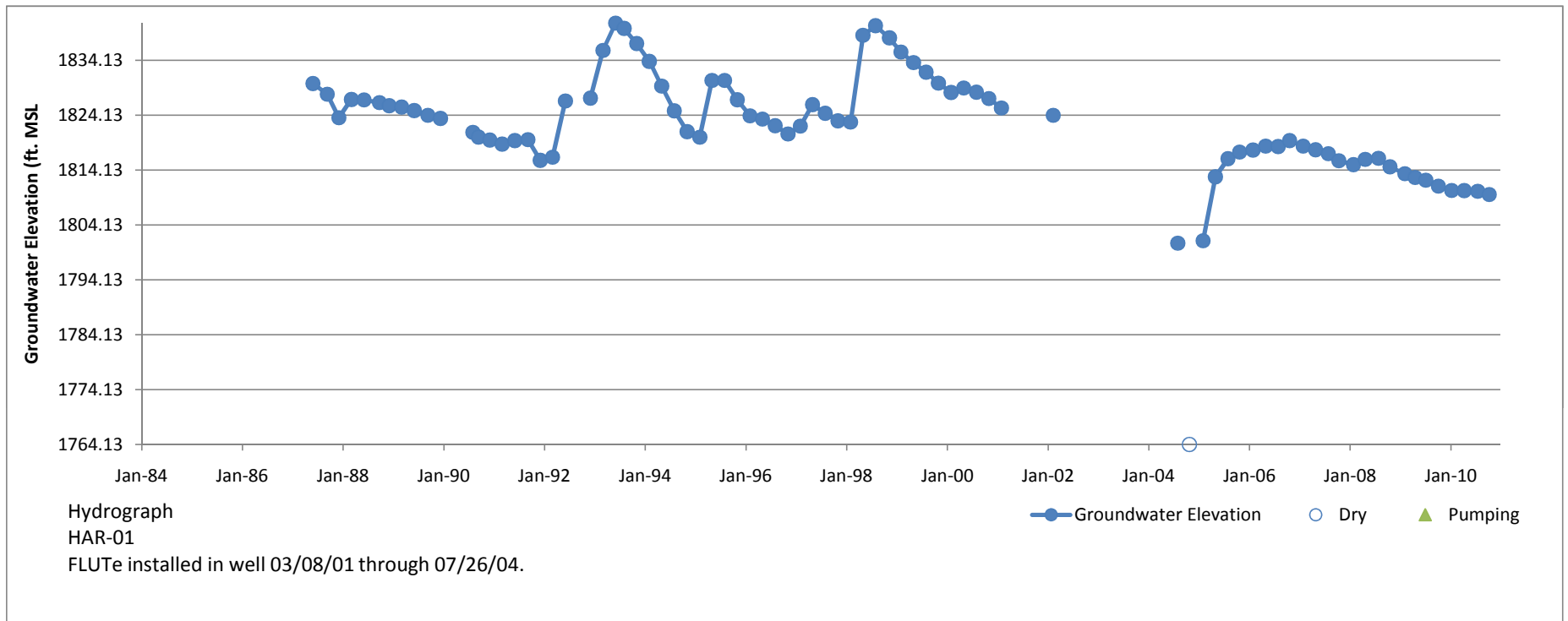


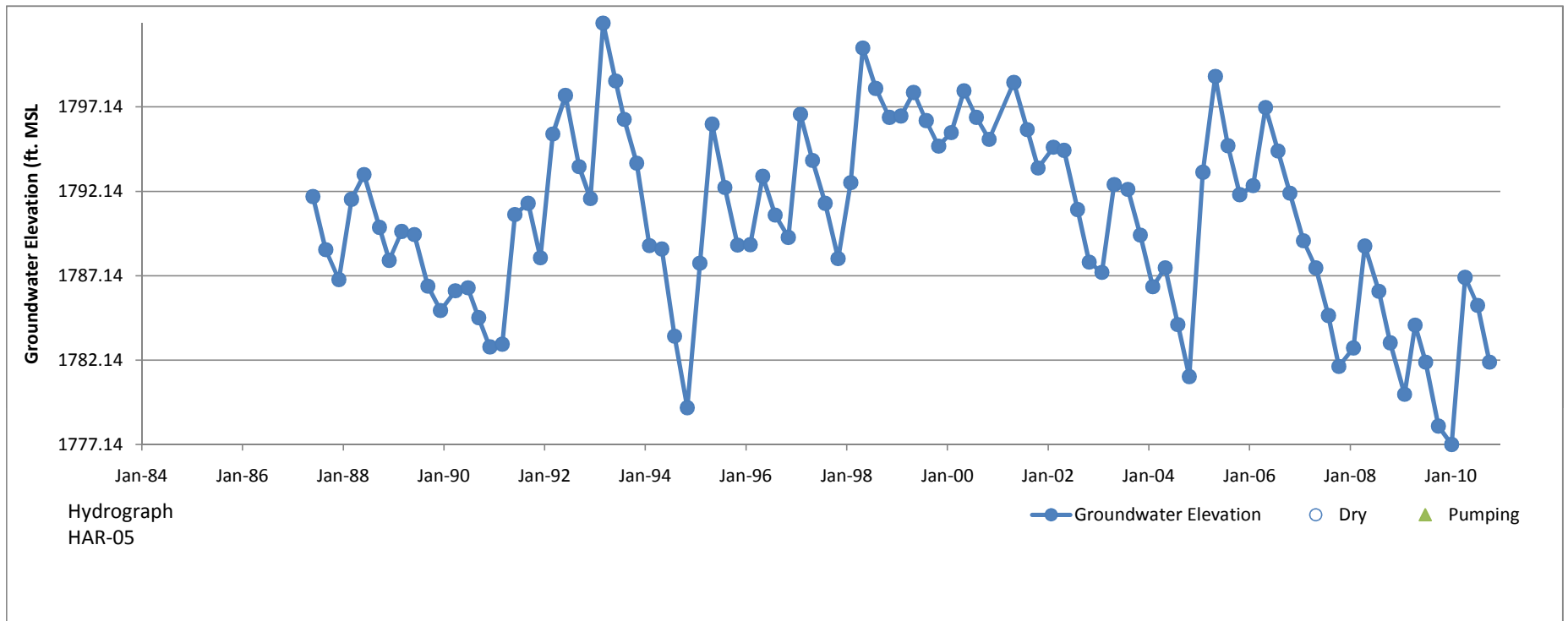


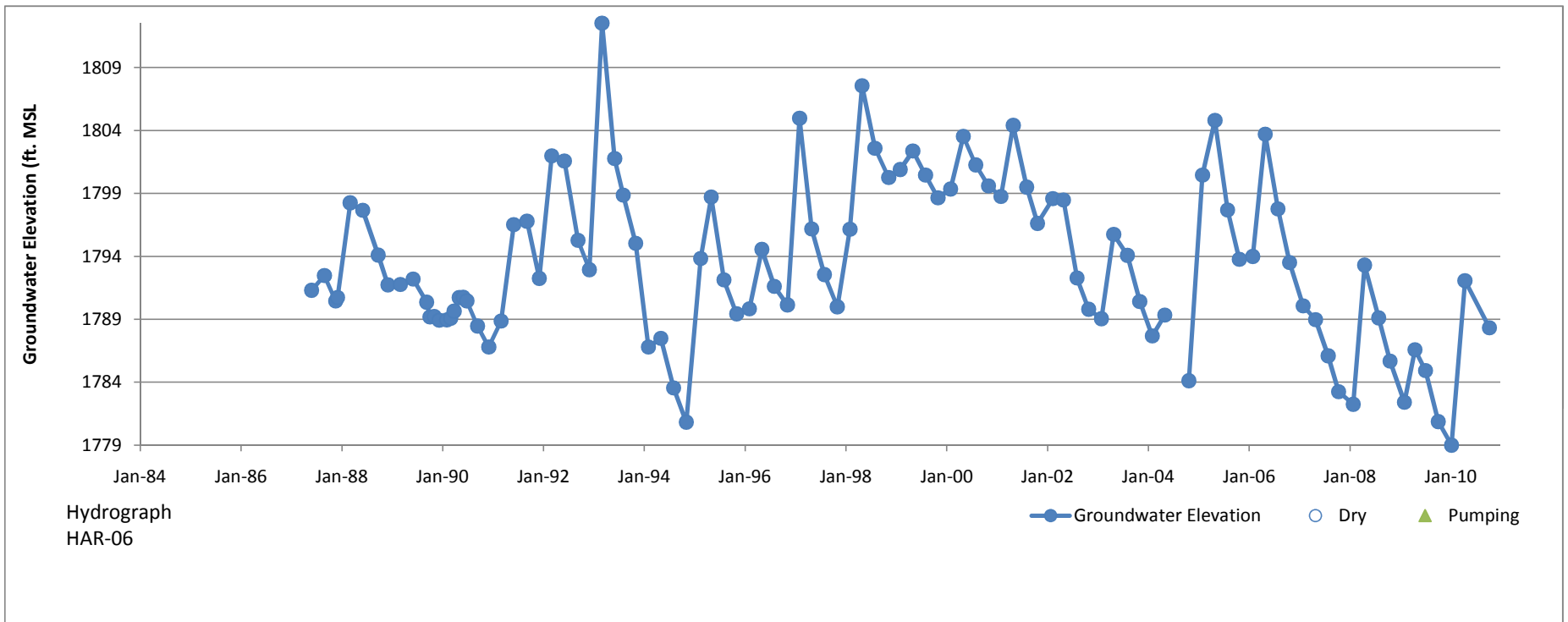


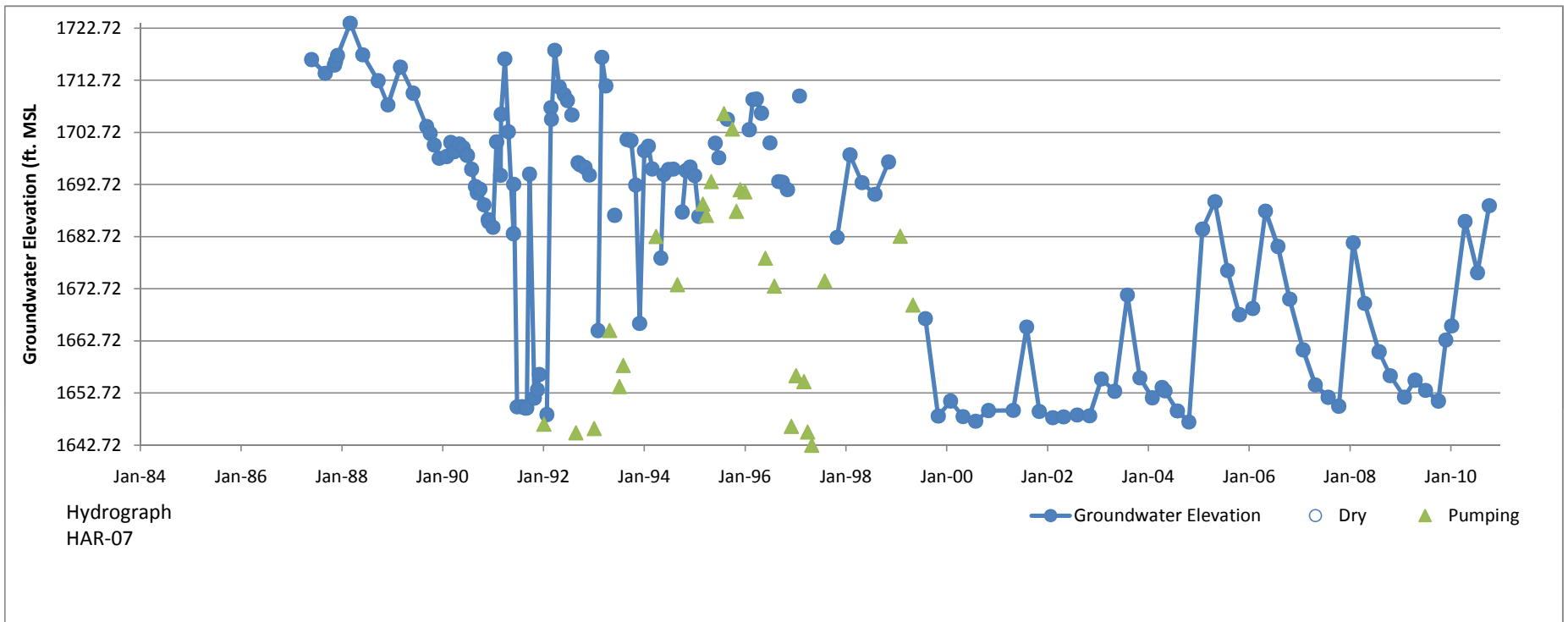


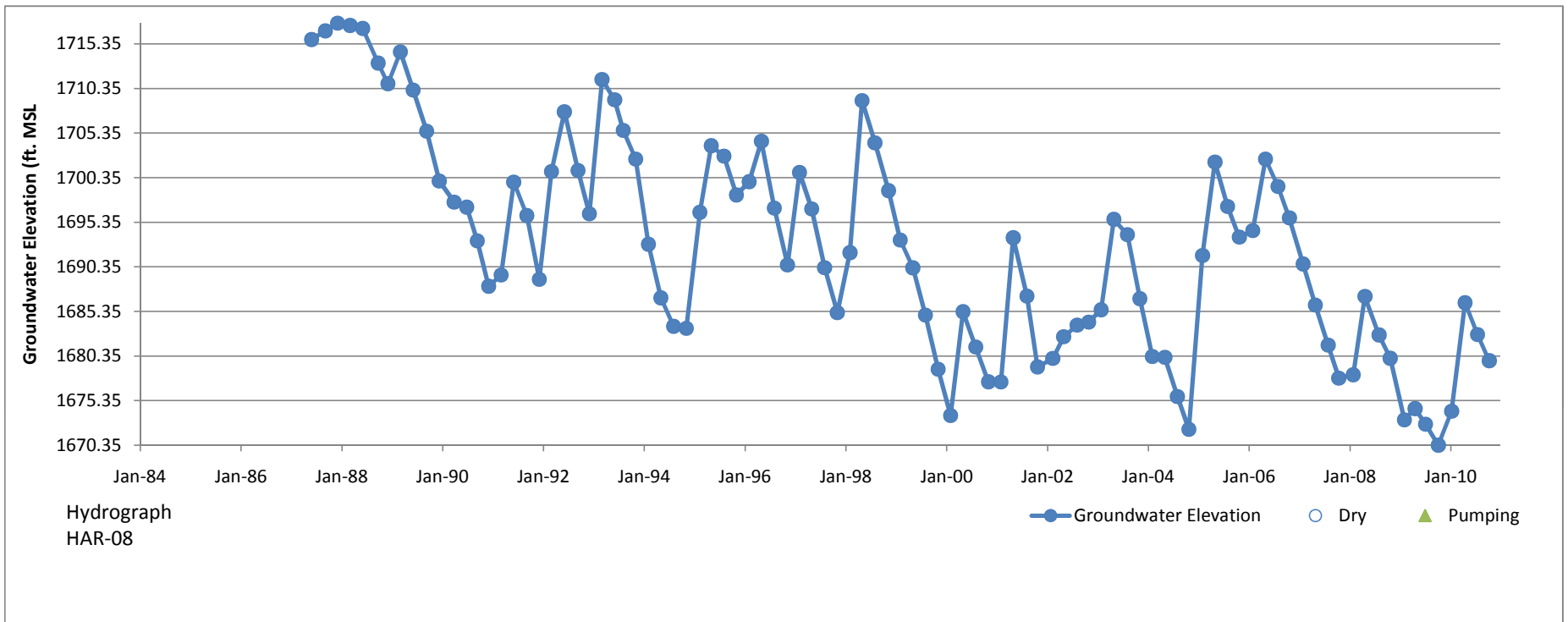
CHATSWORTH FORMATION WELLS

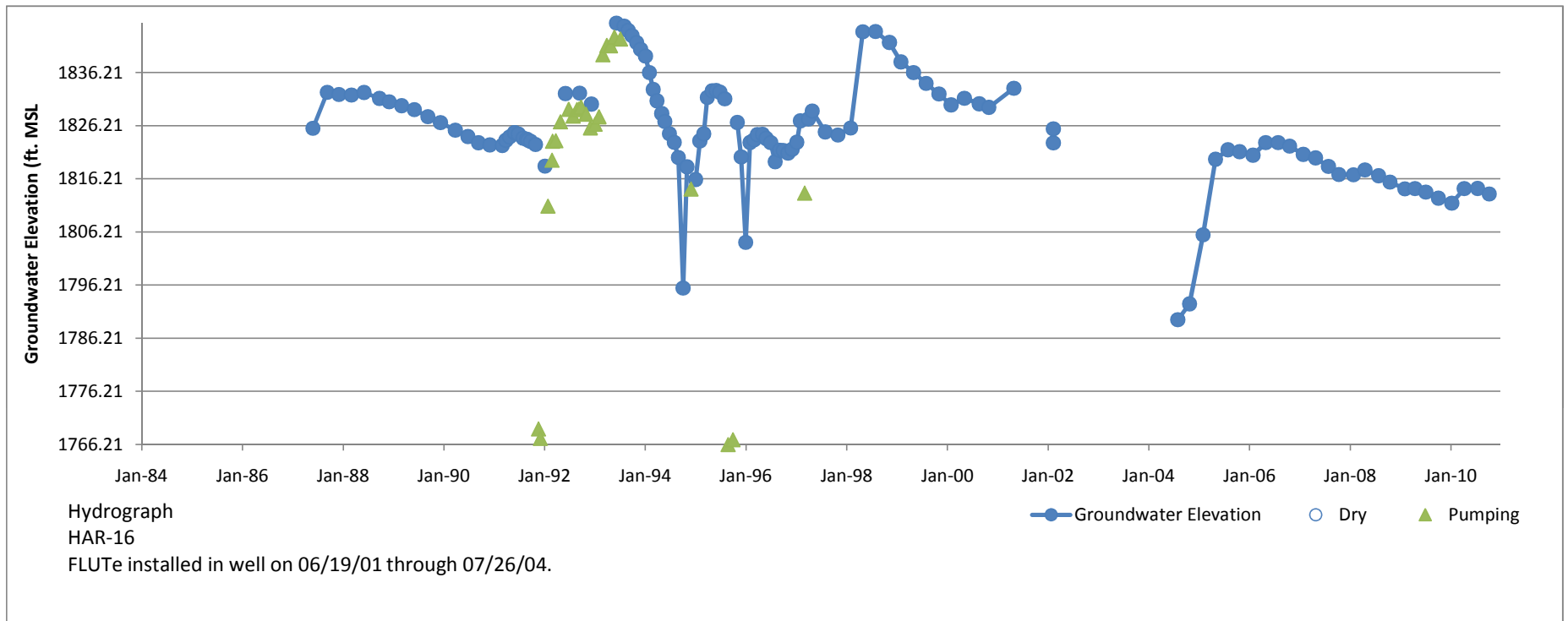


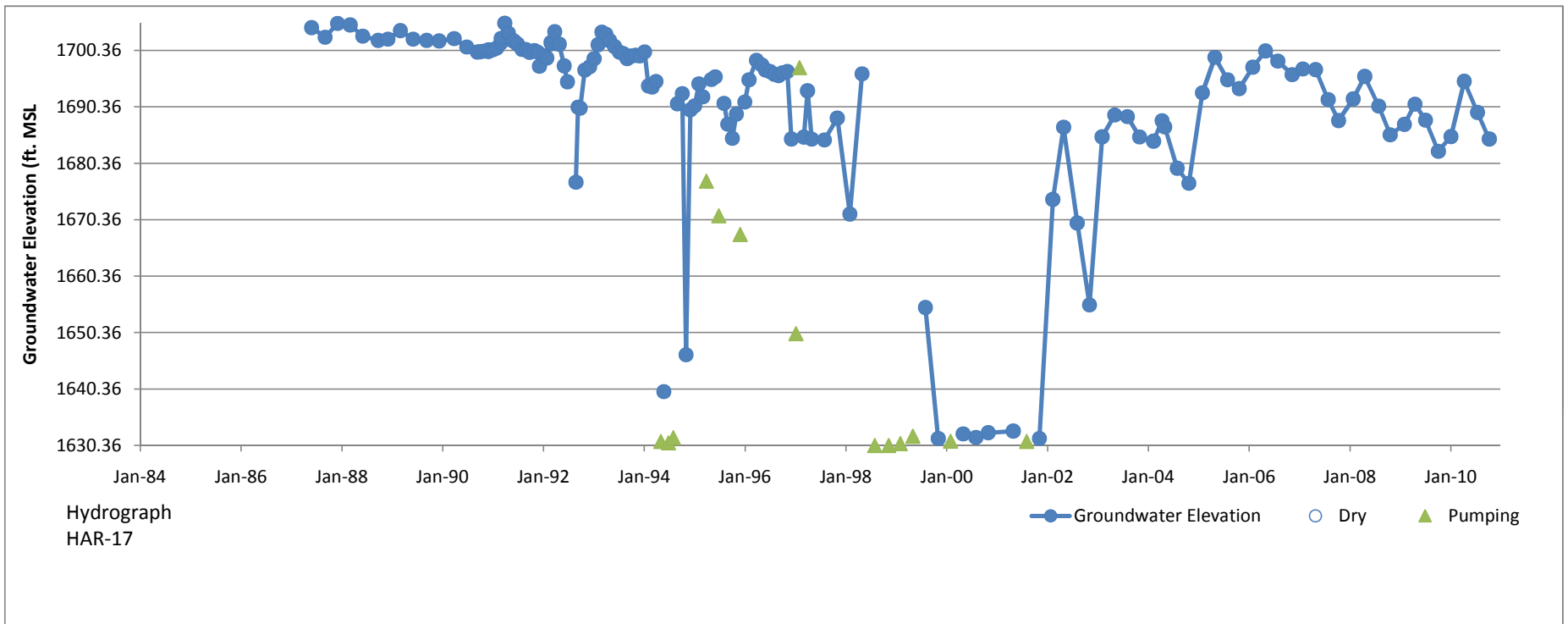


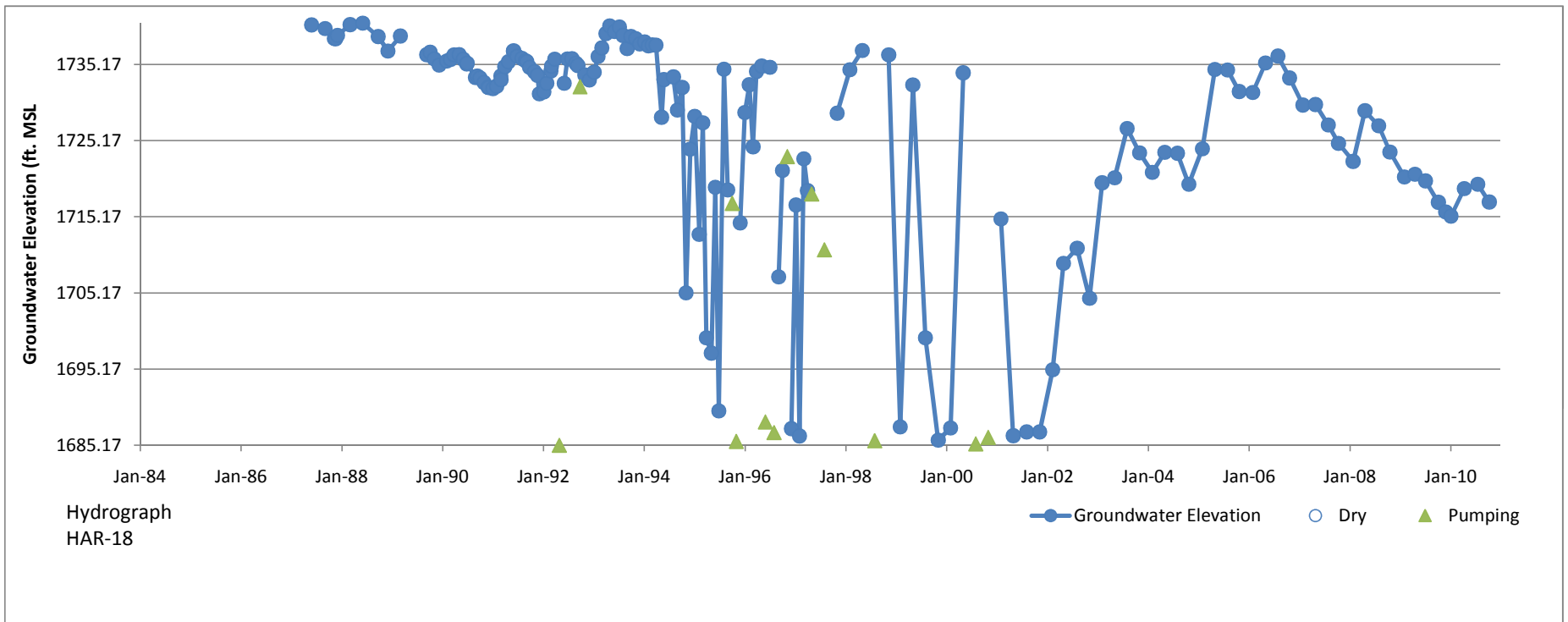


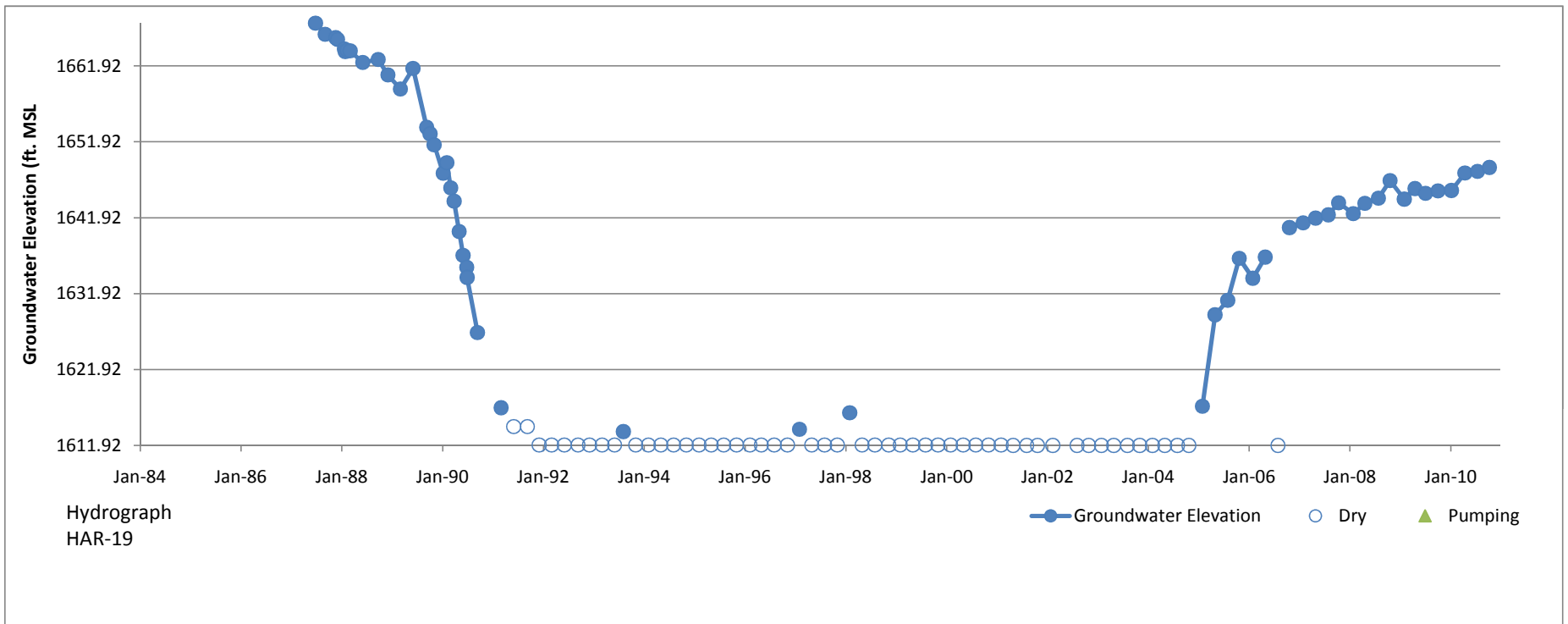


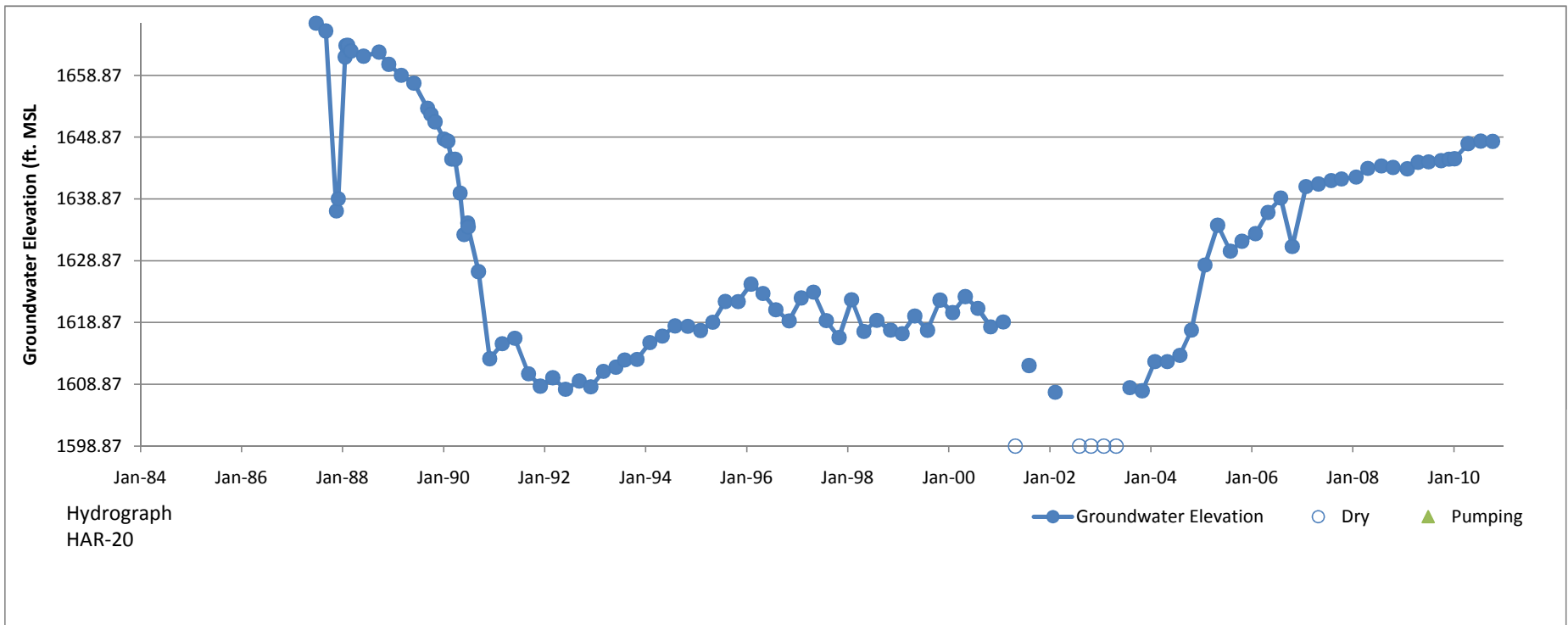


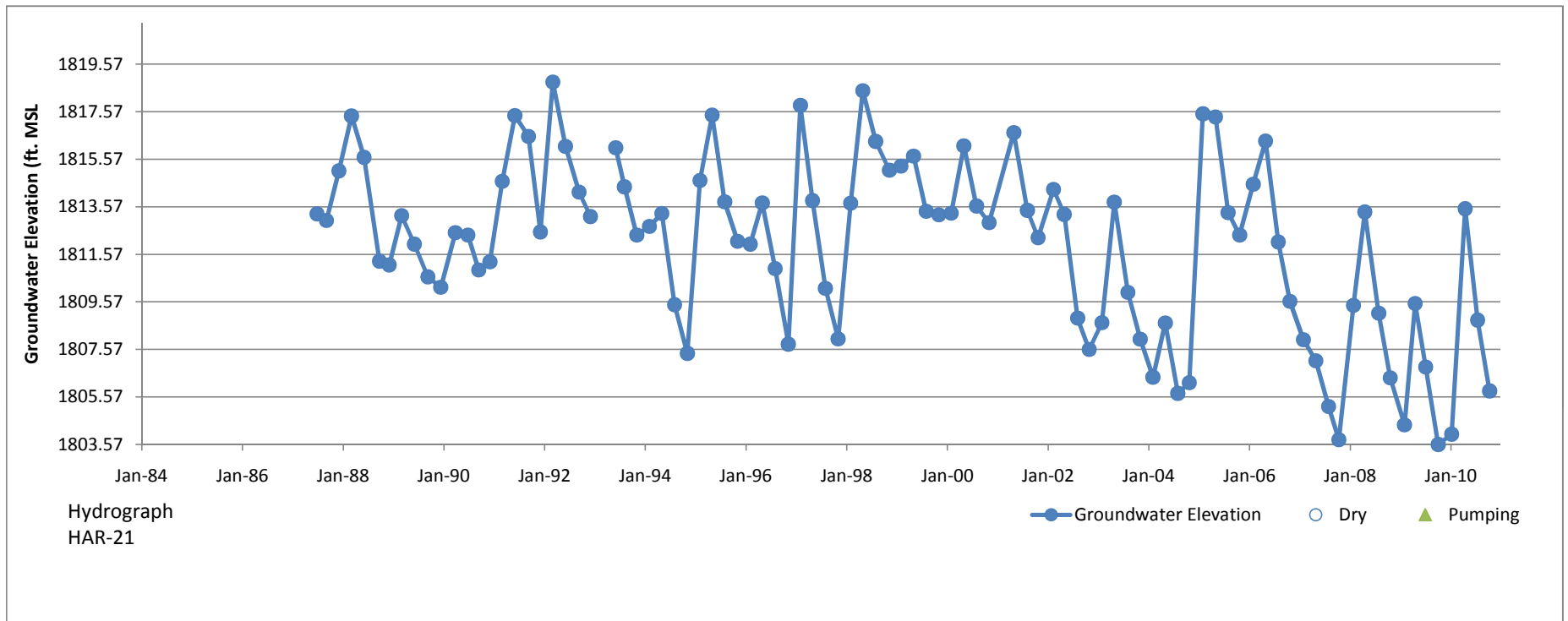


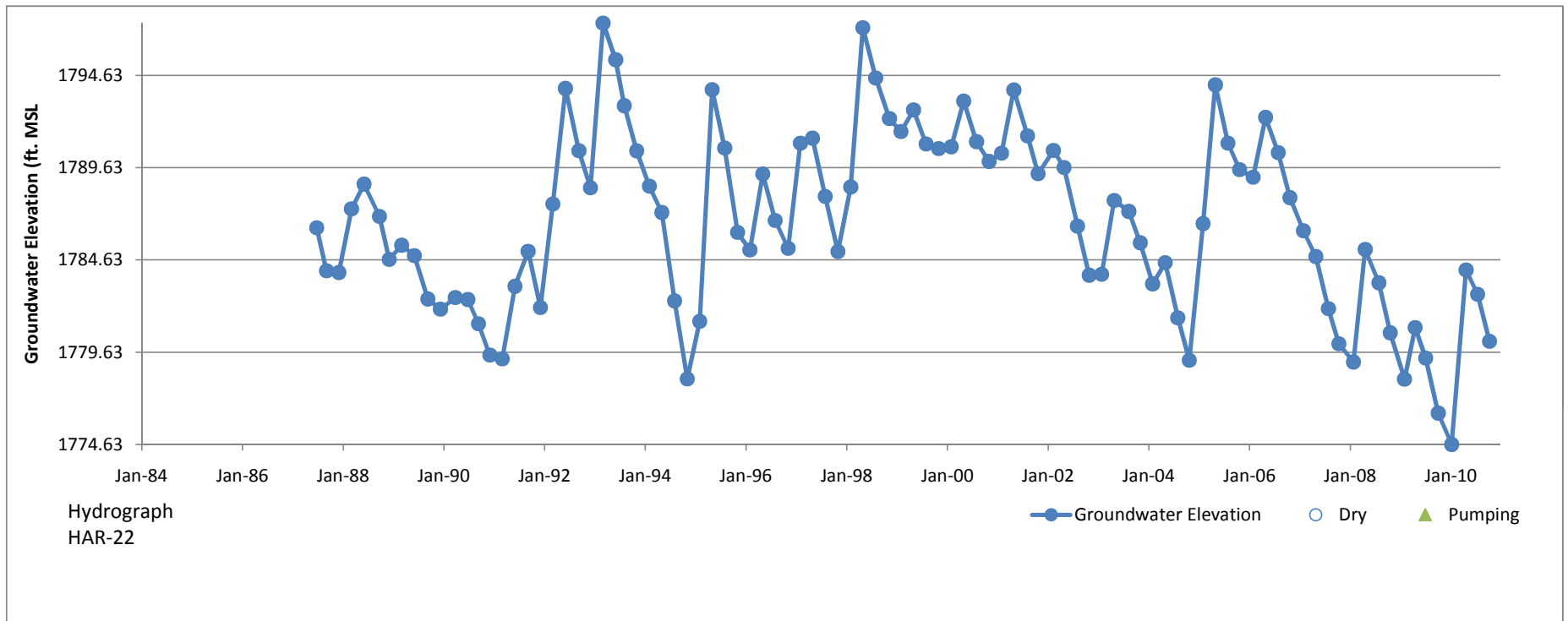


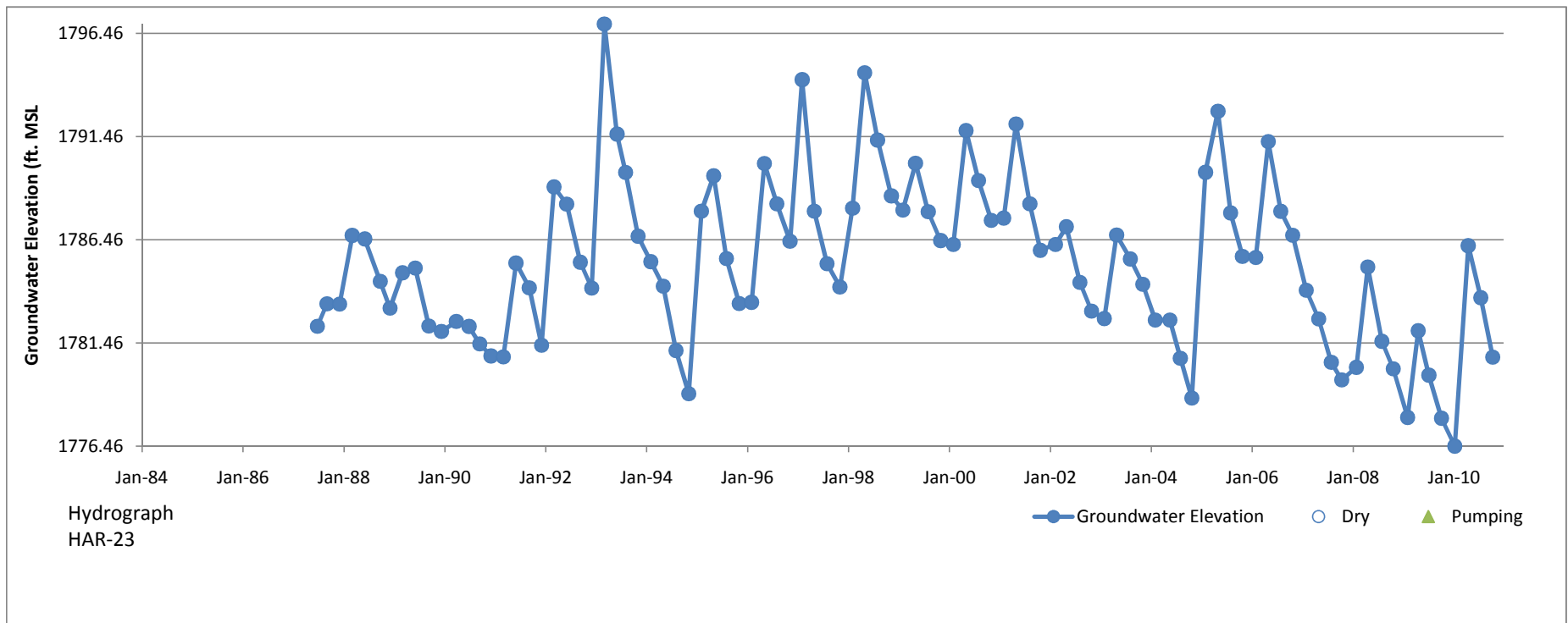


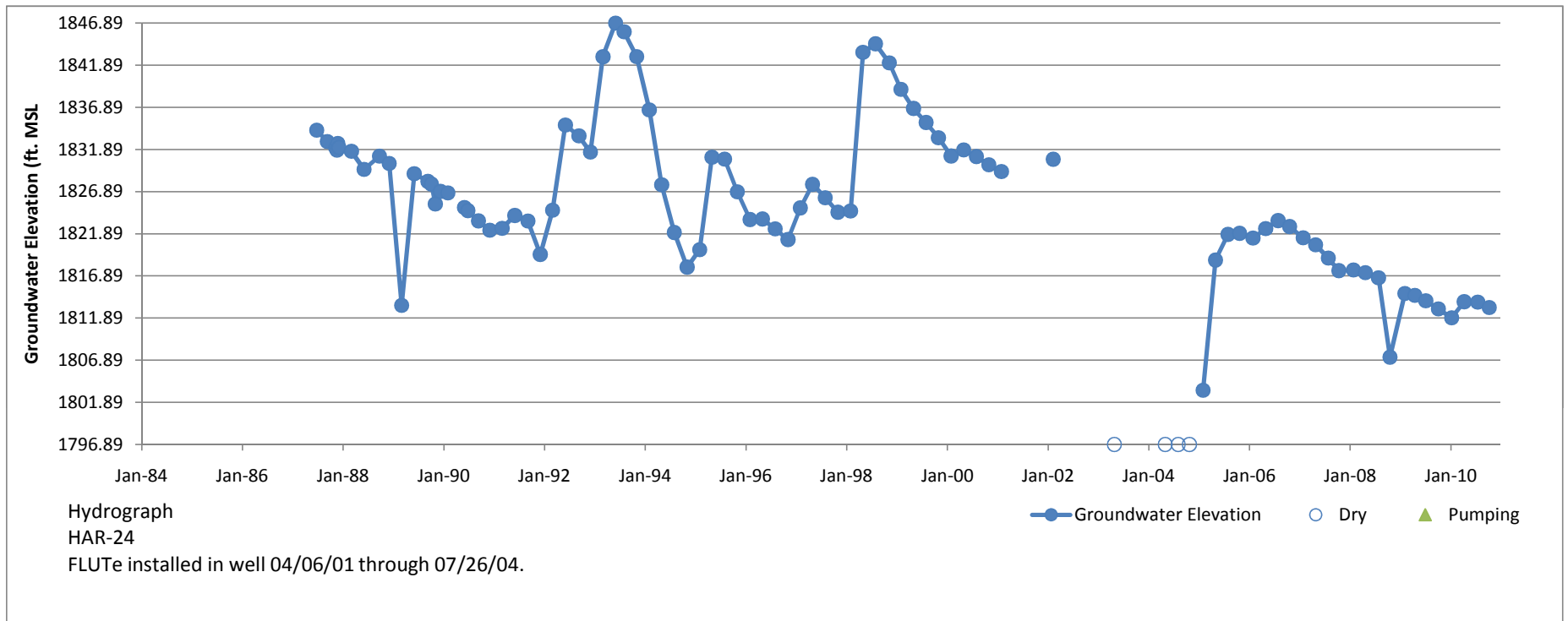


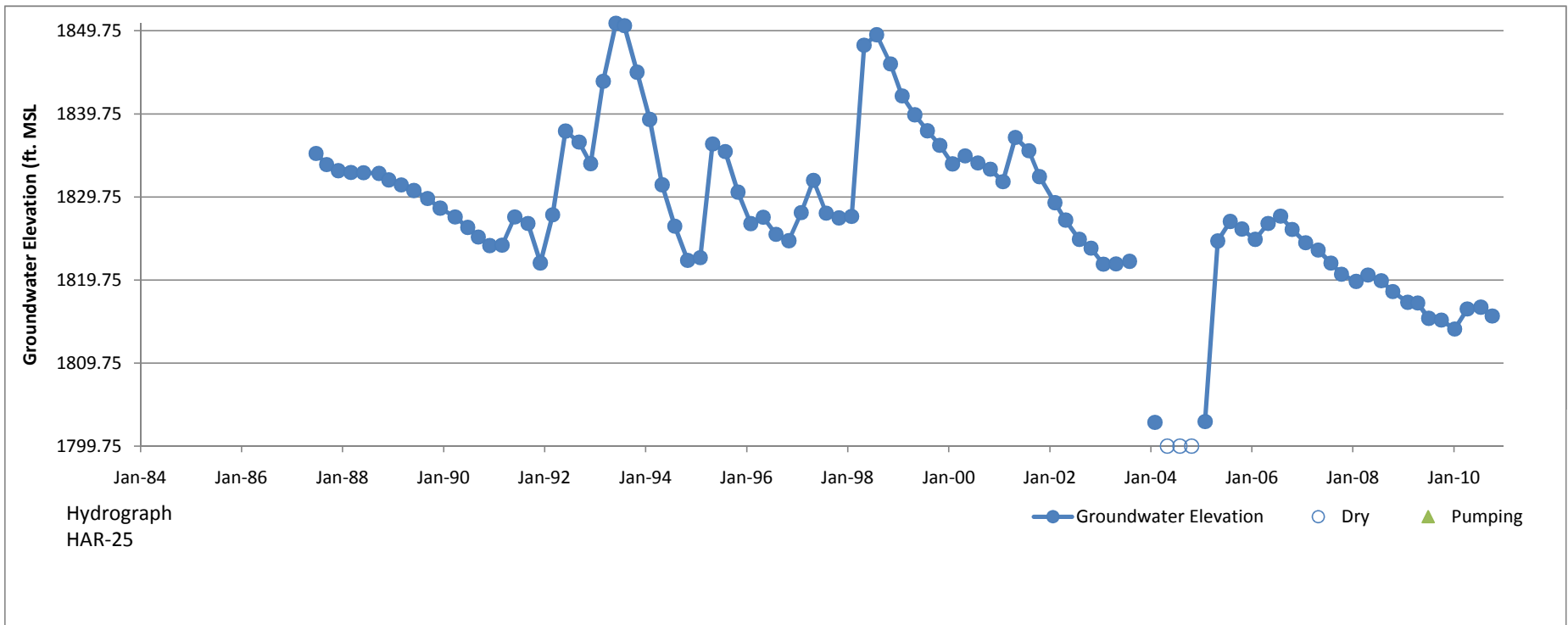


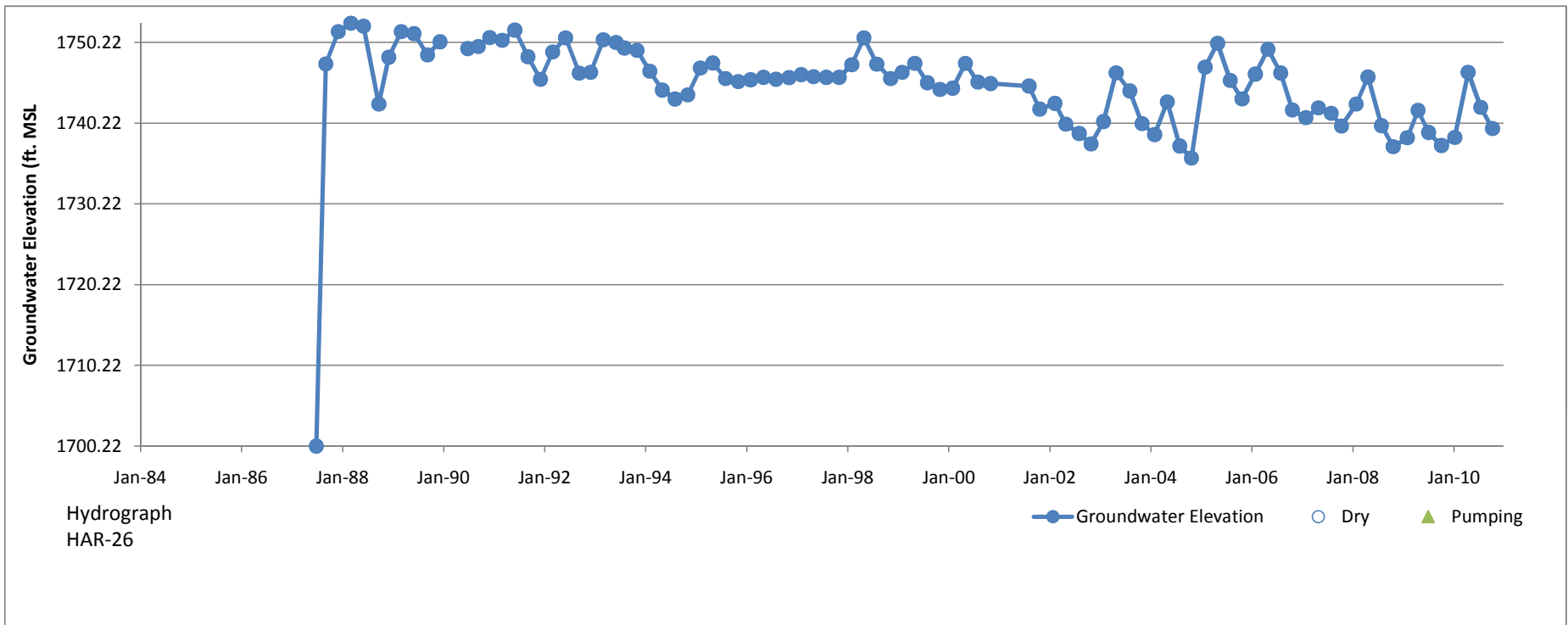


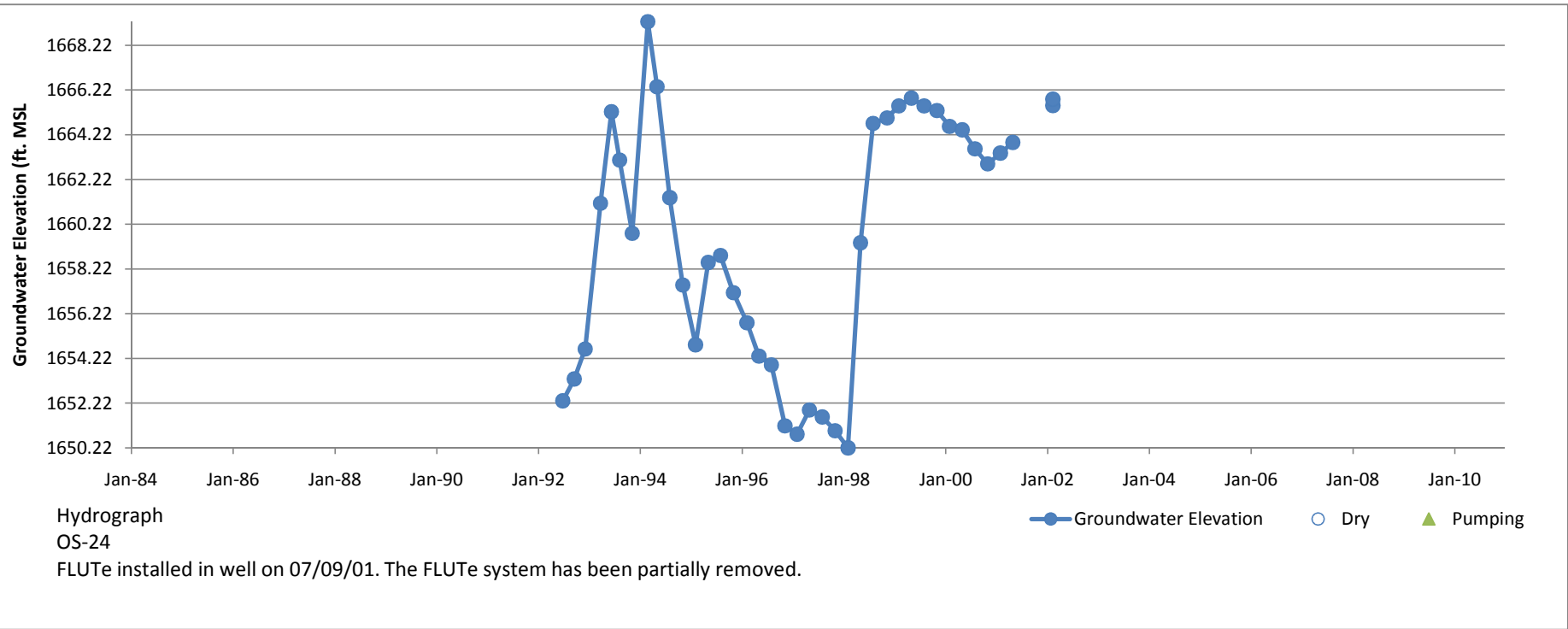


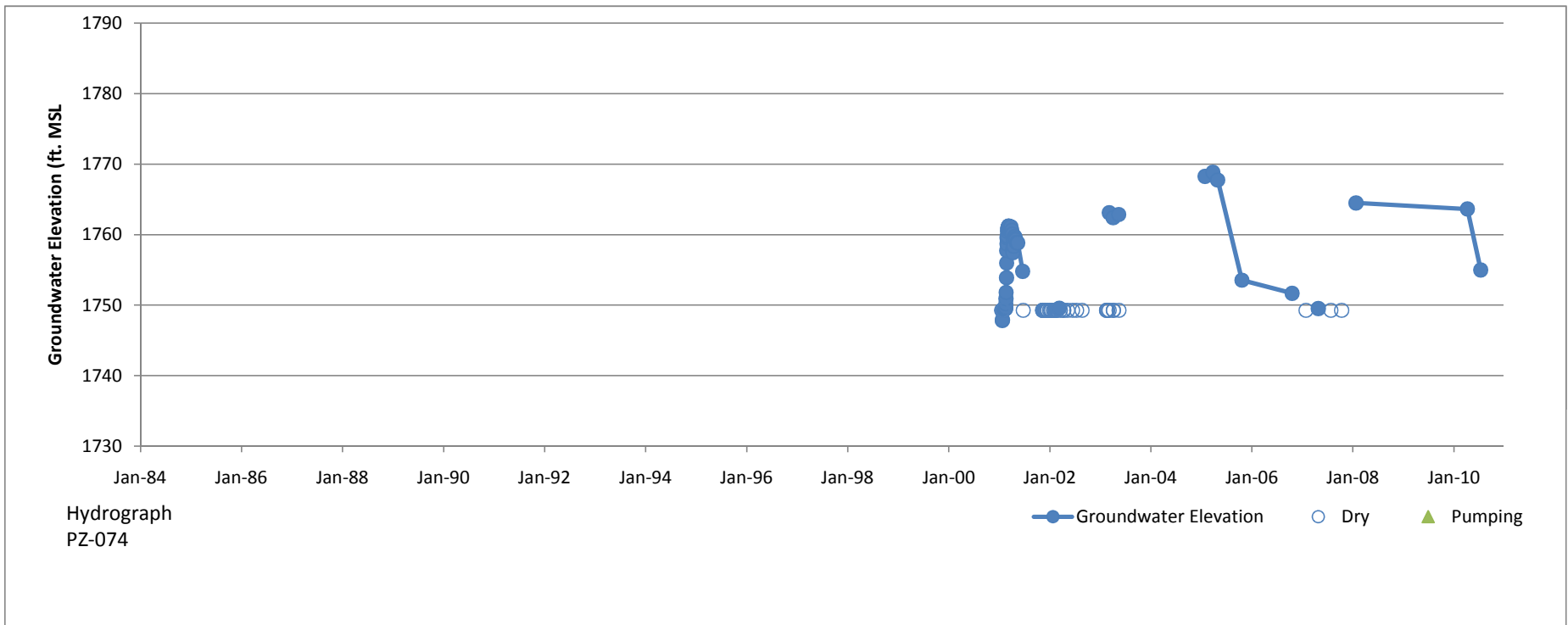


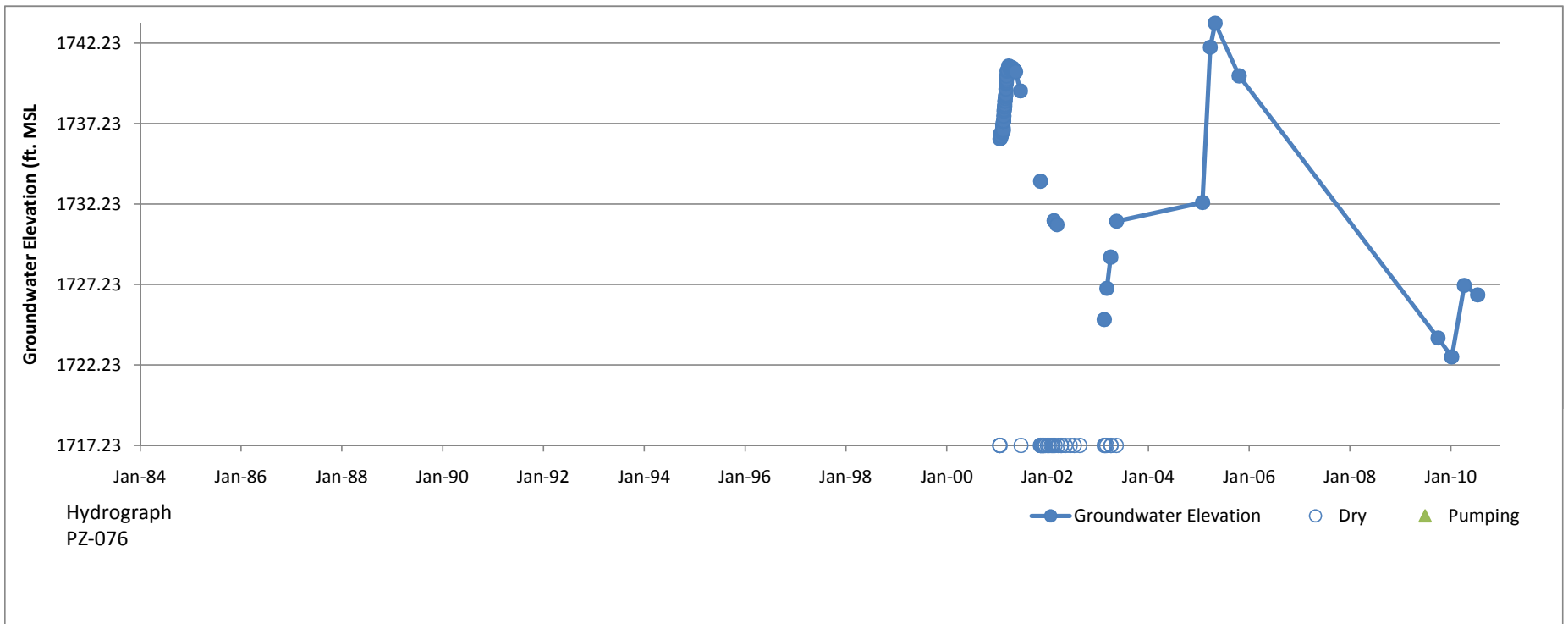


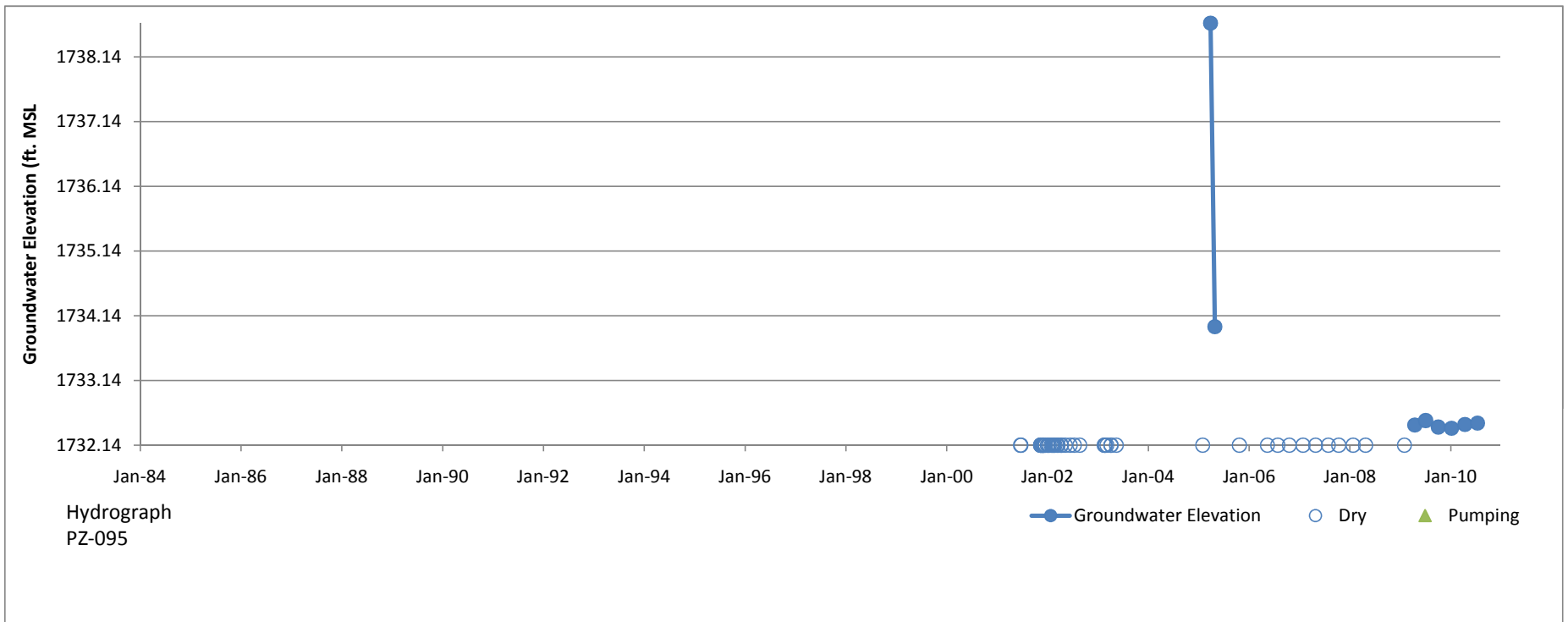


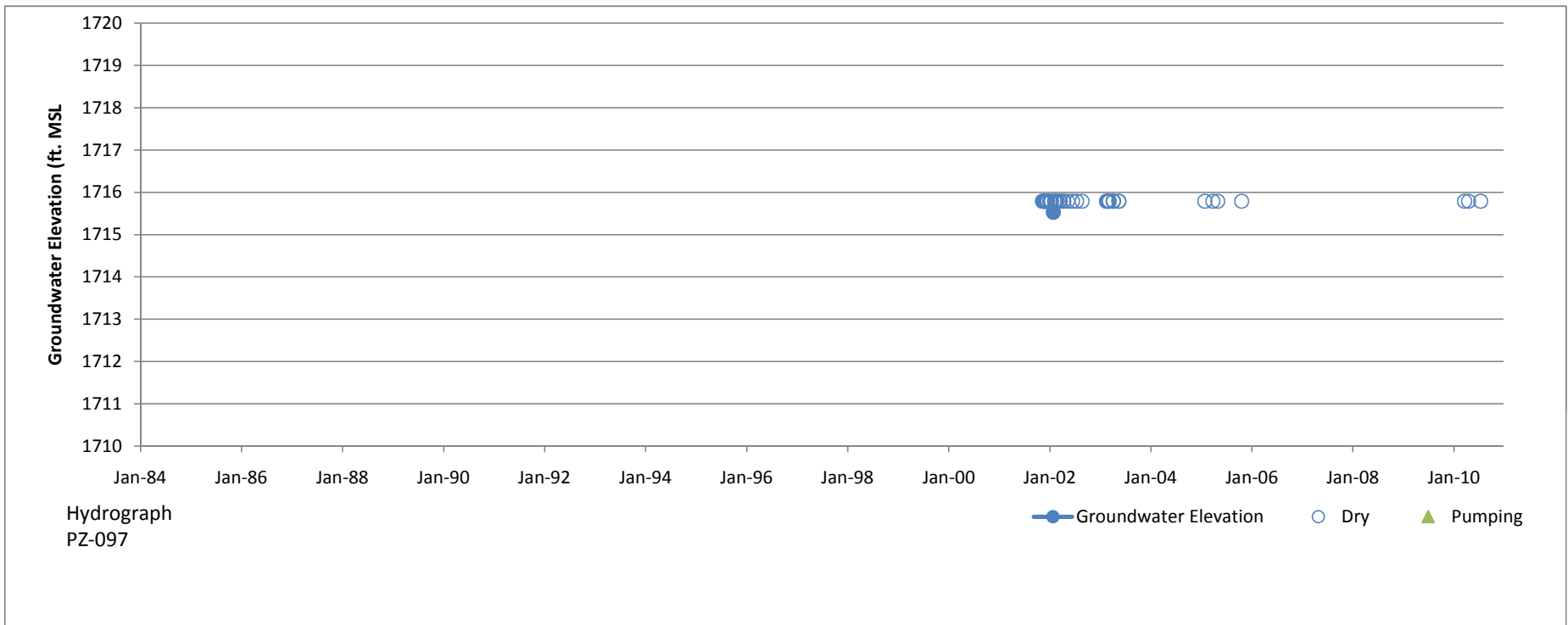


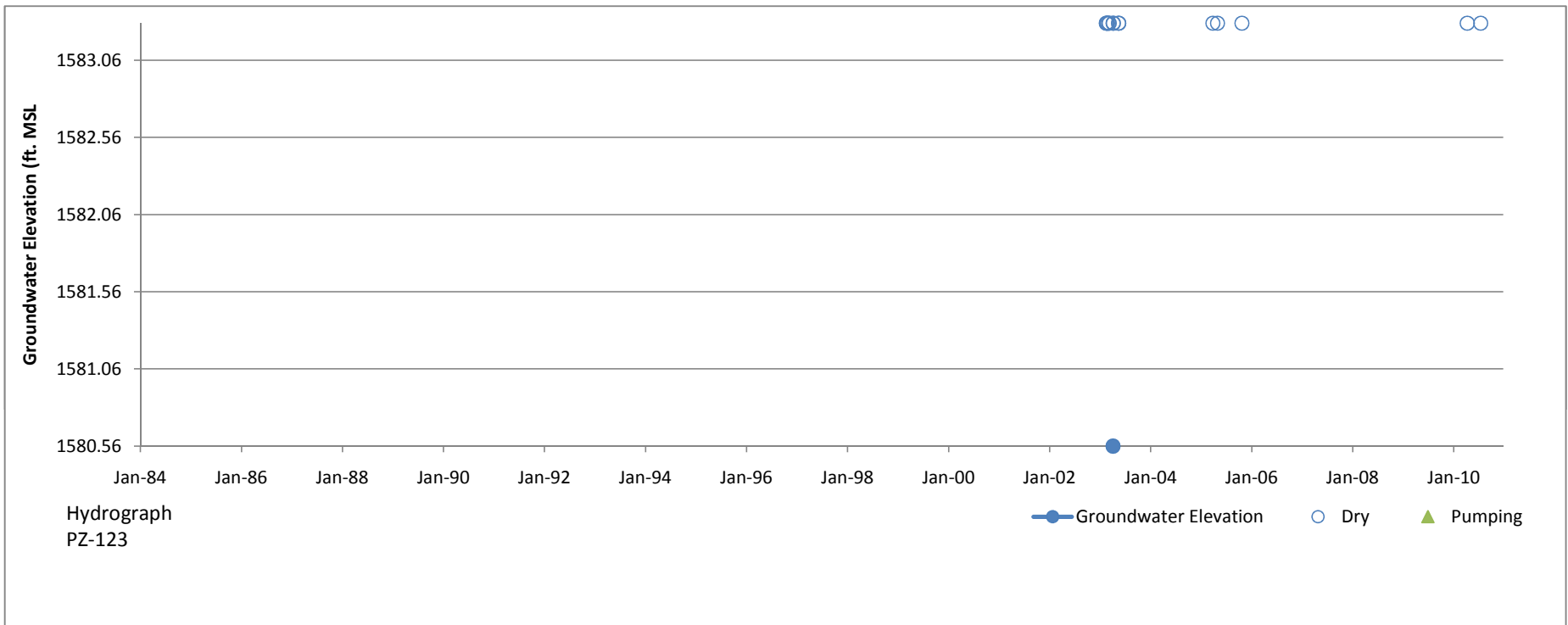


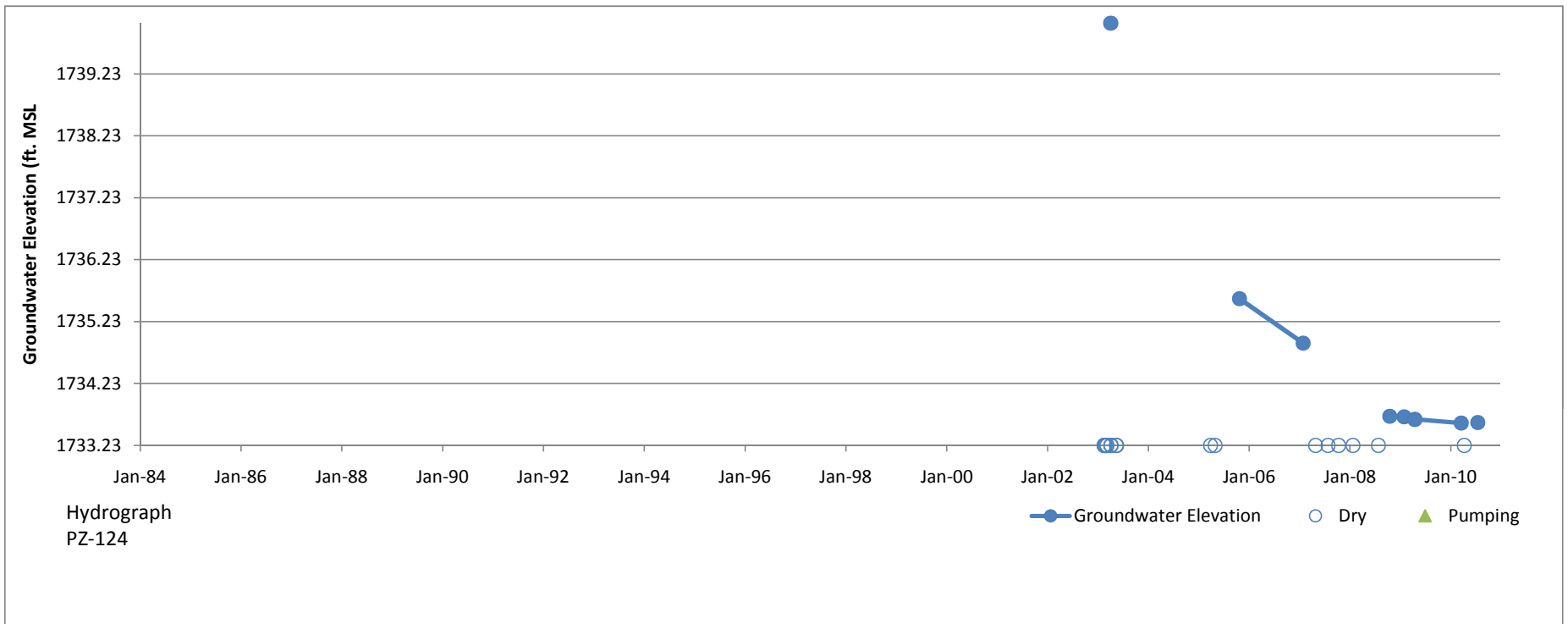


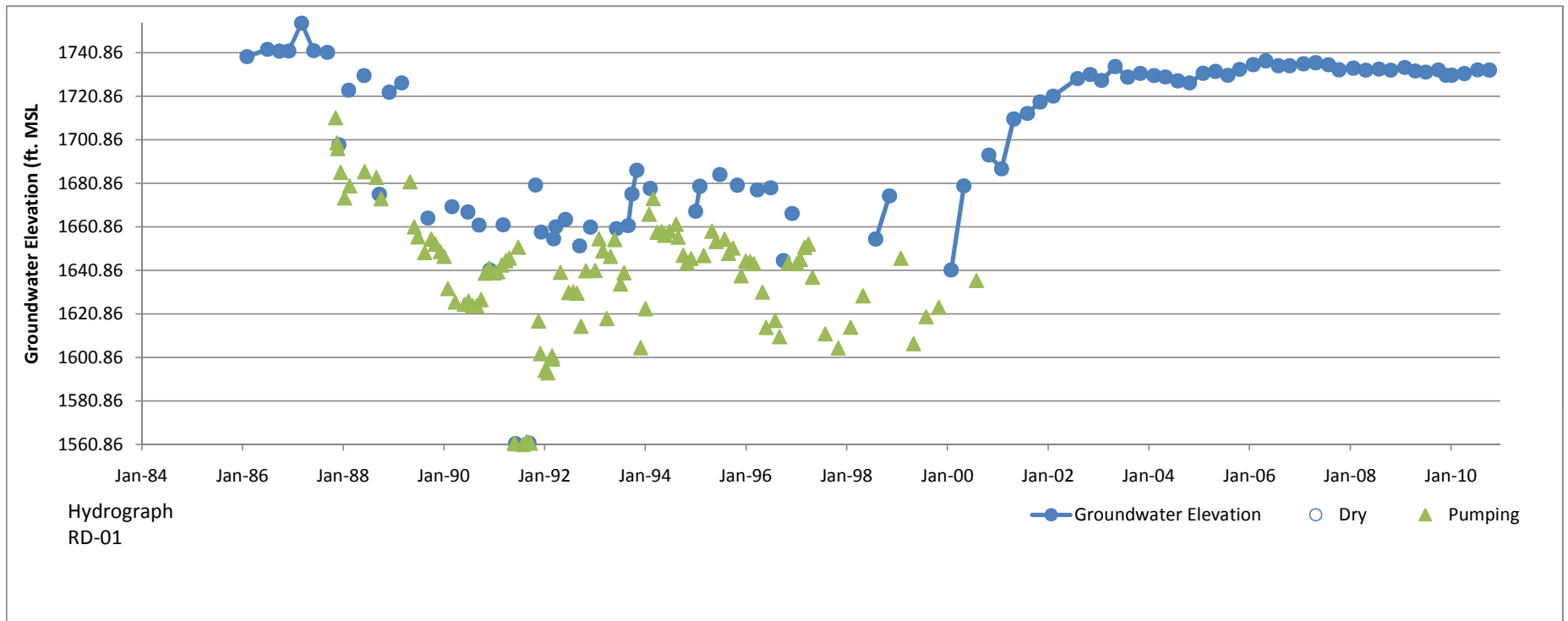


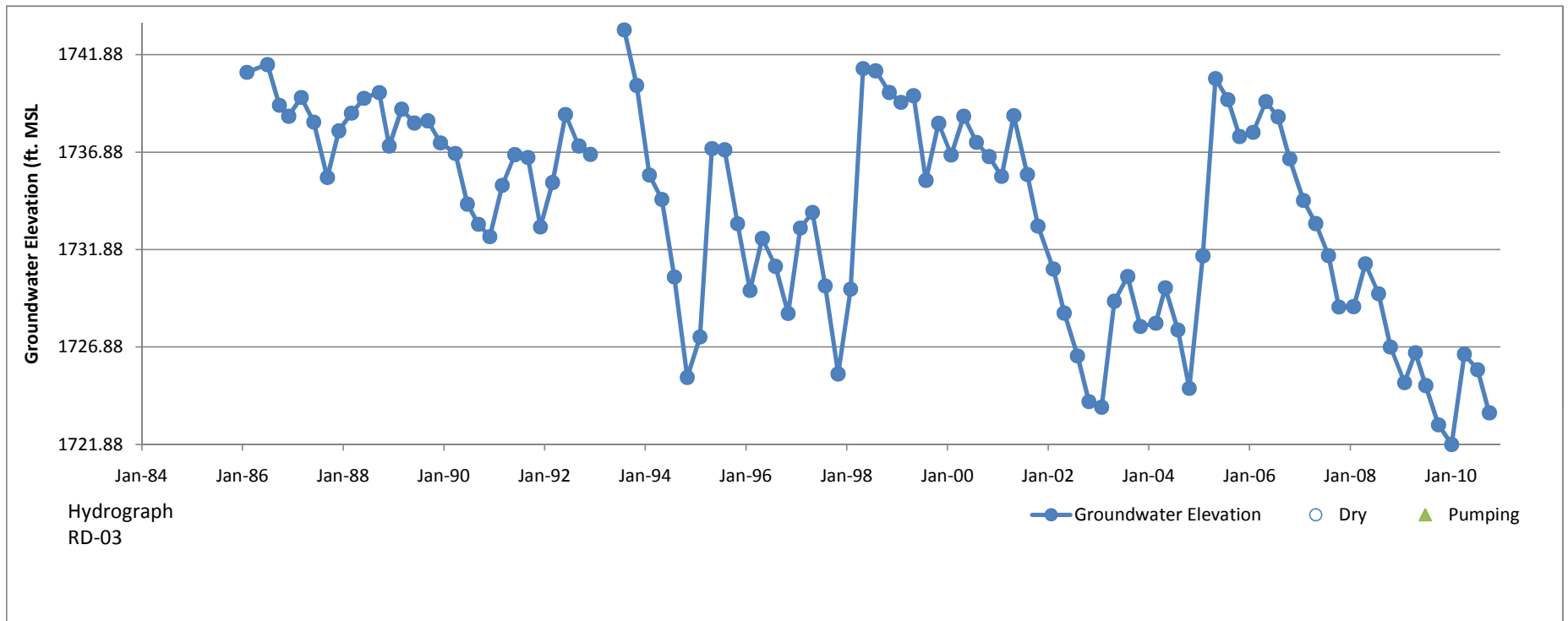


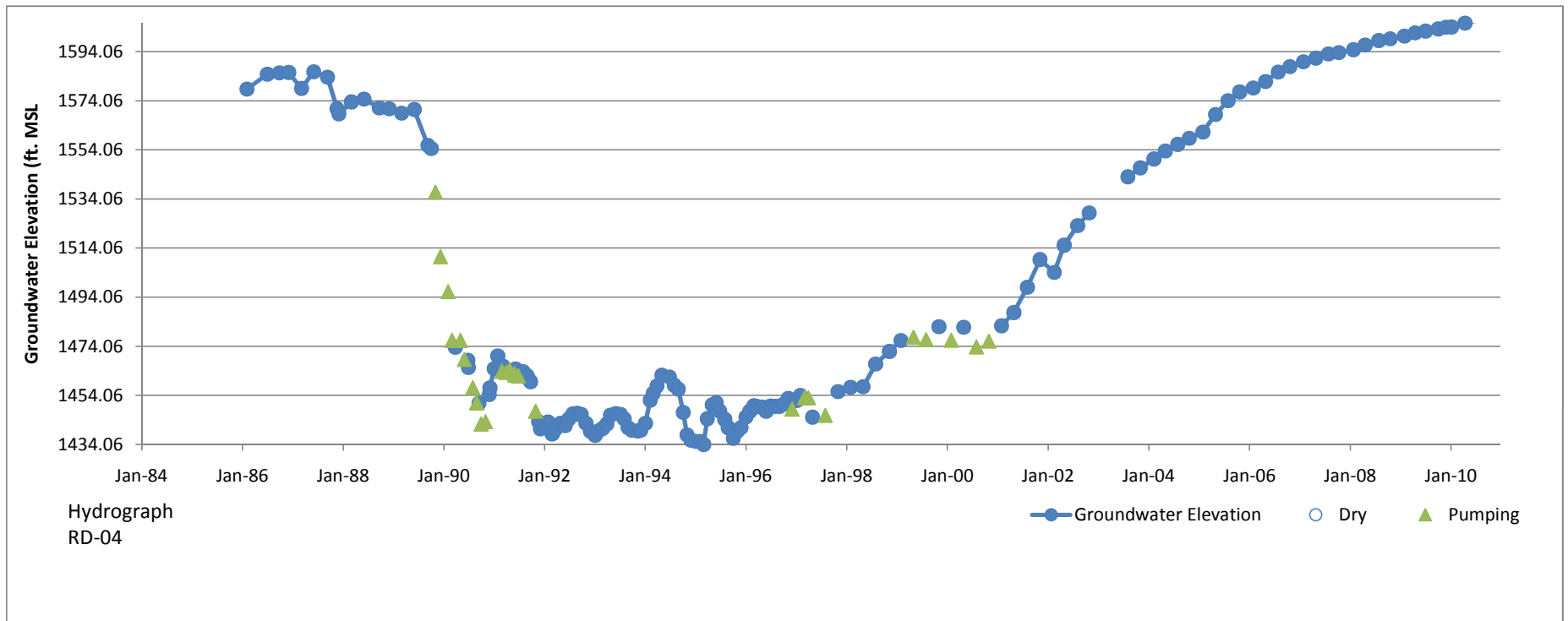


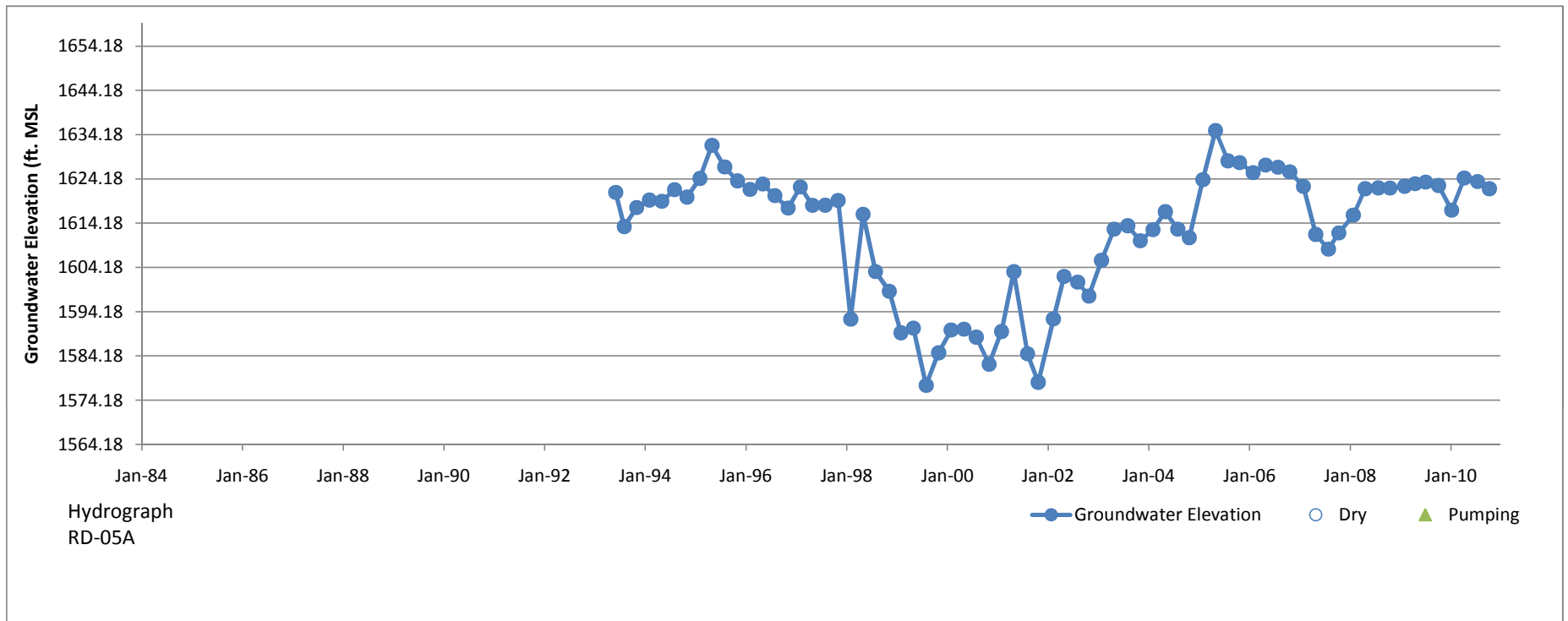


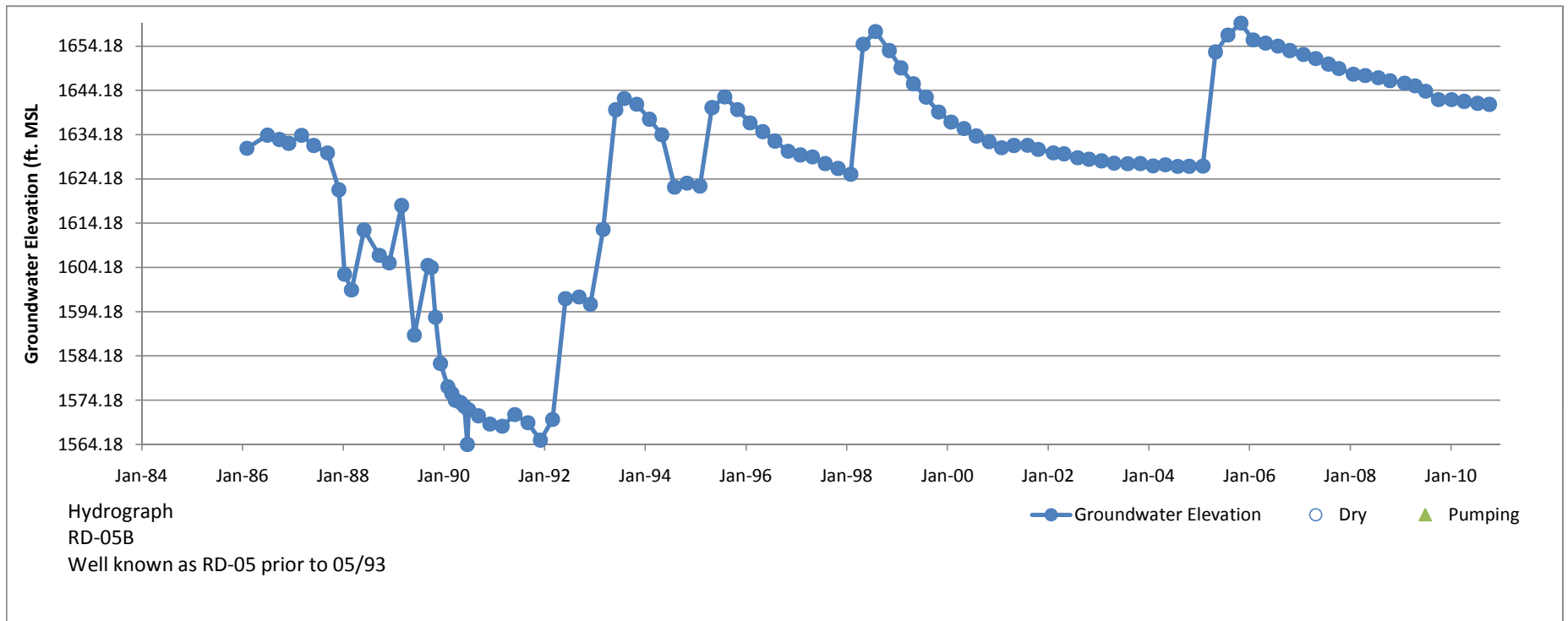


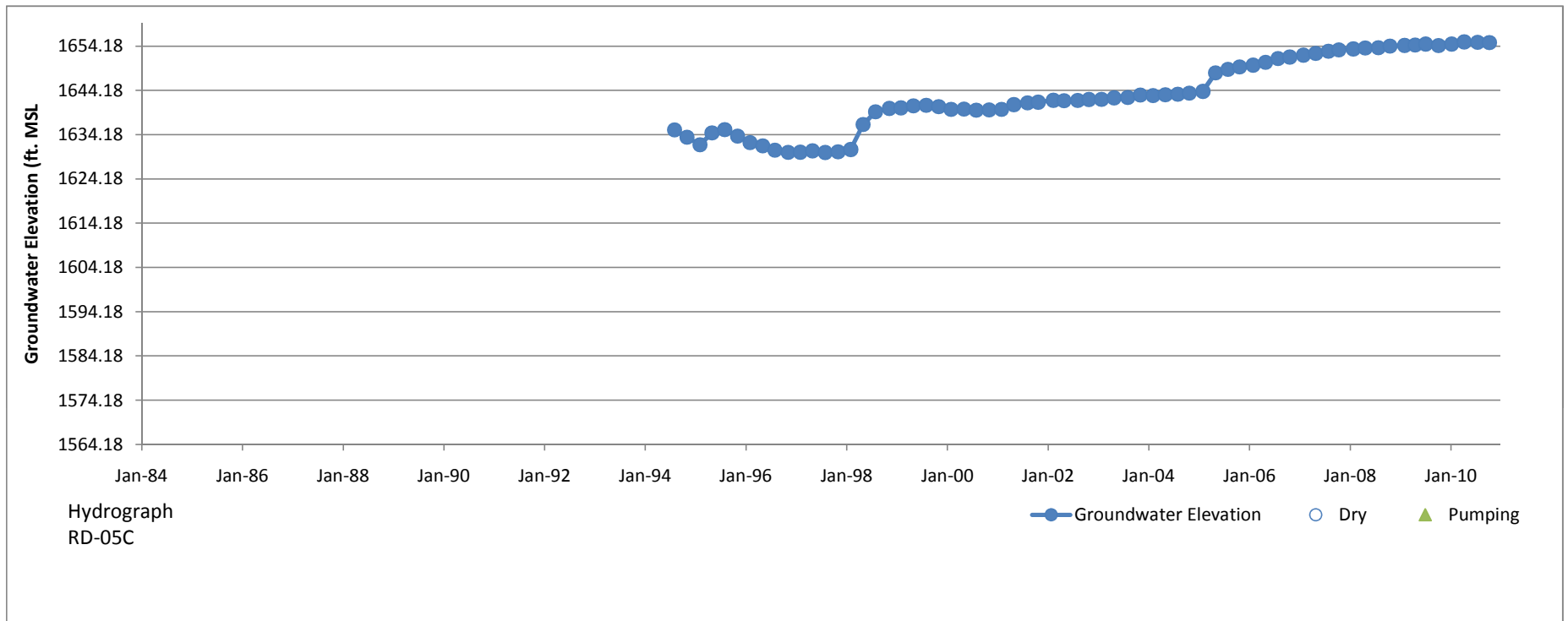


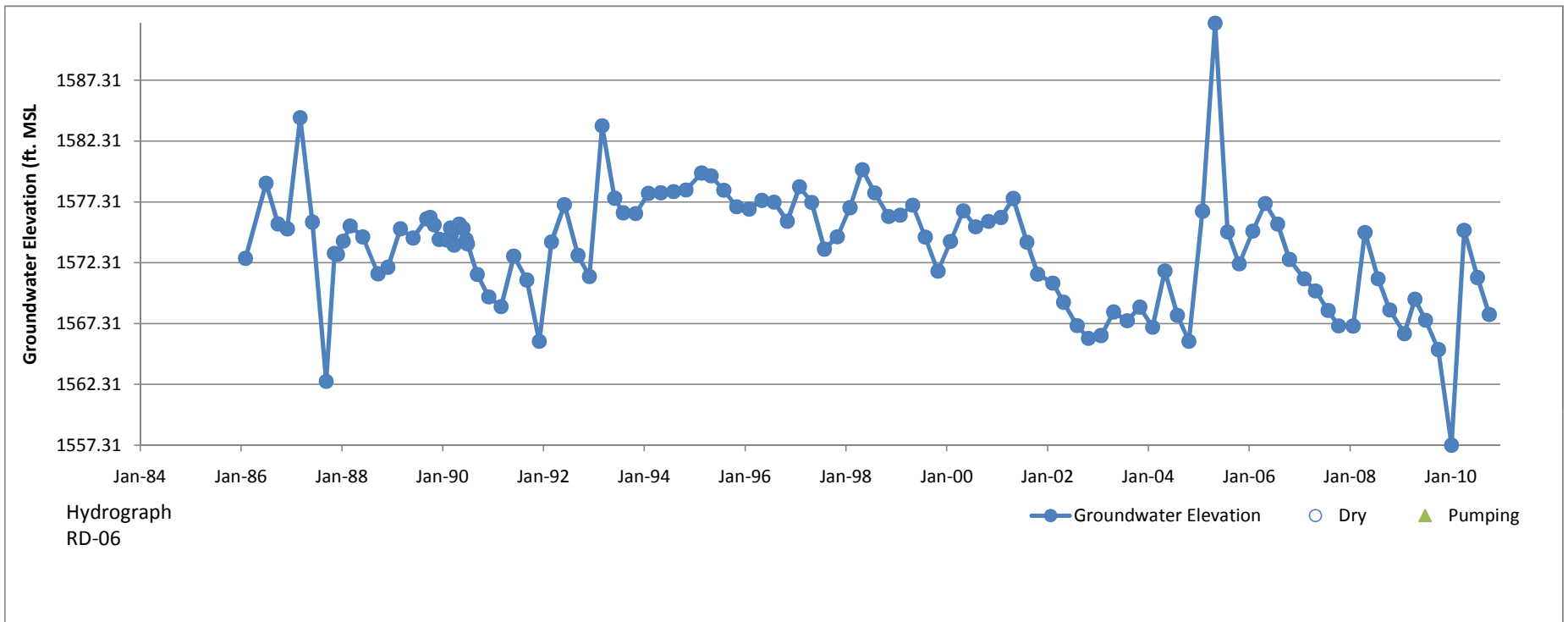


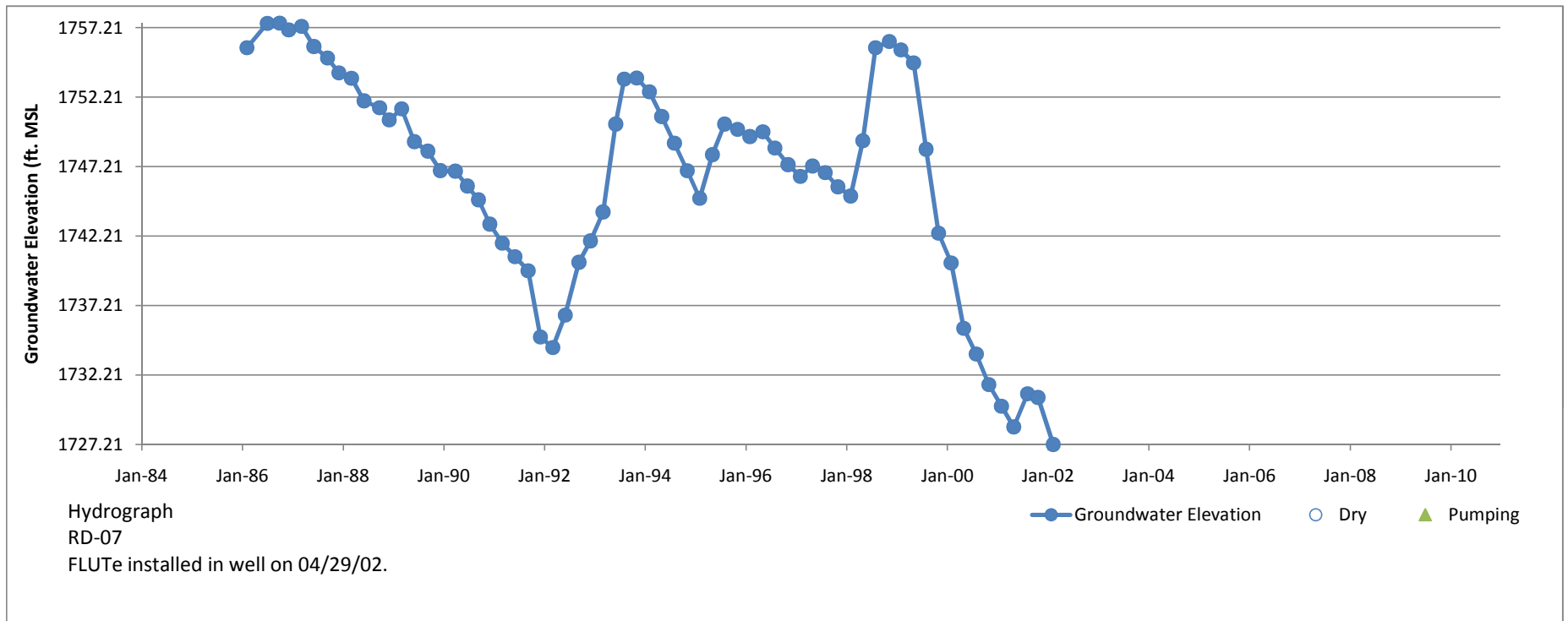


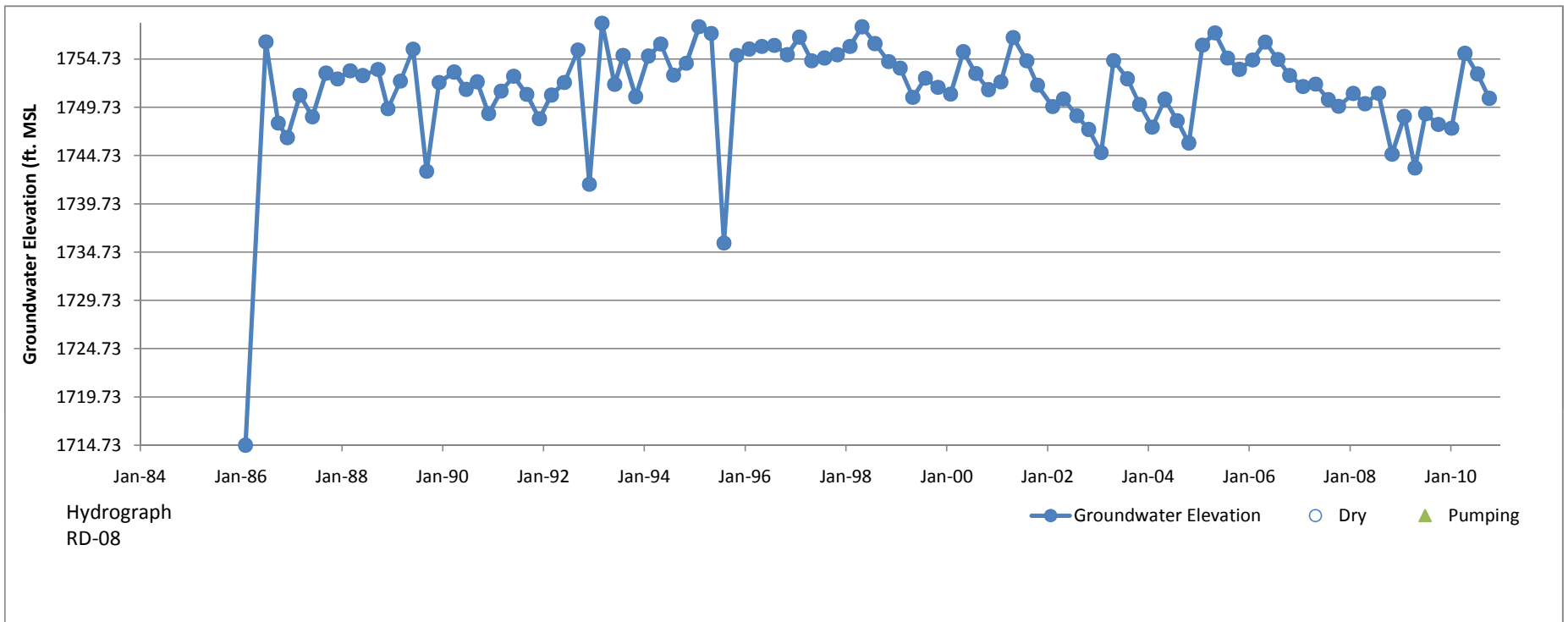


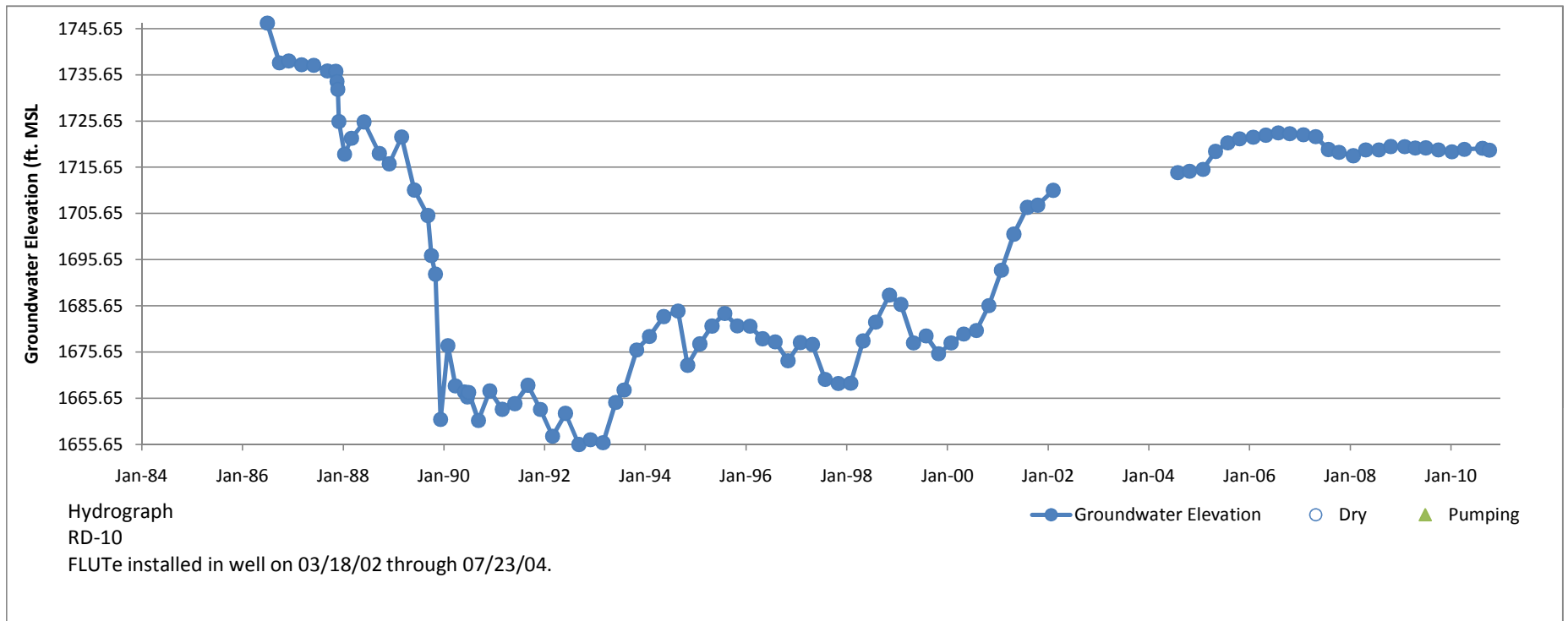


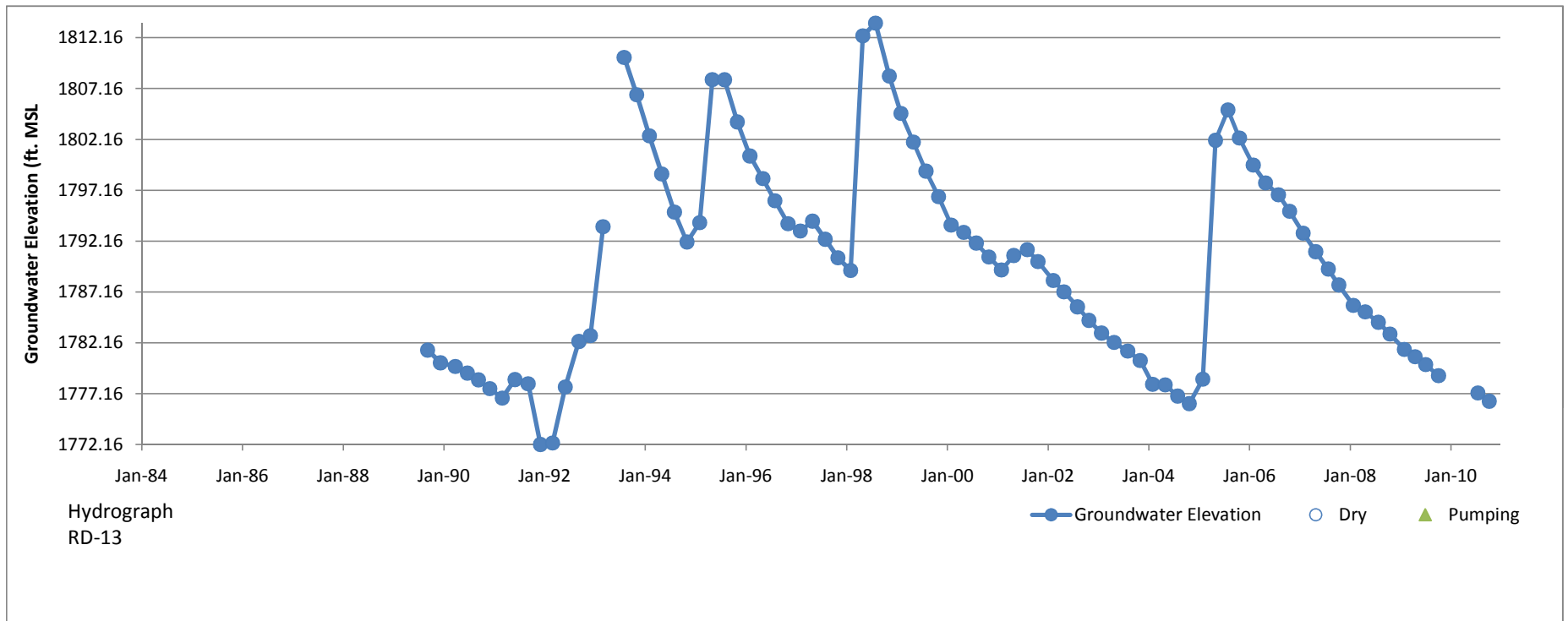


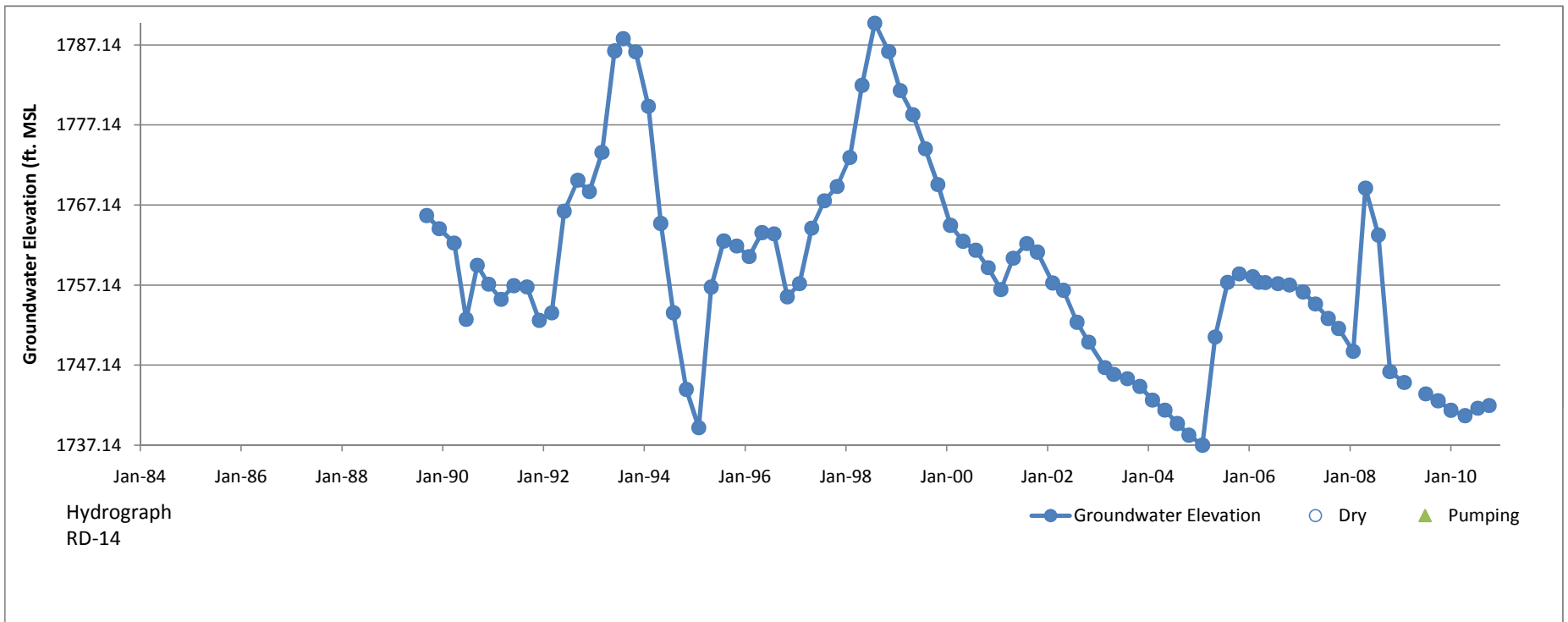


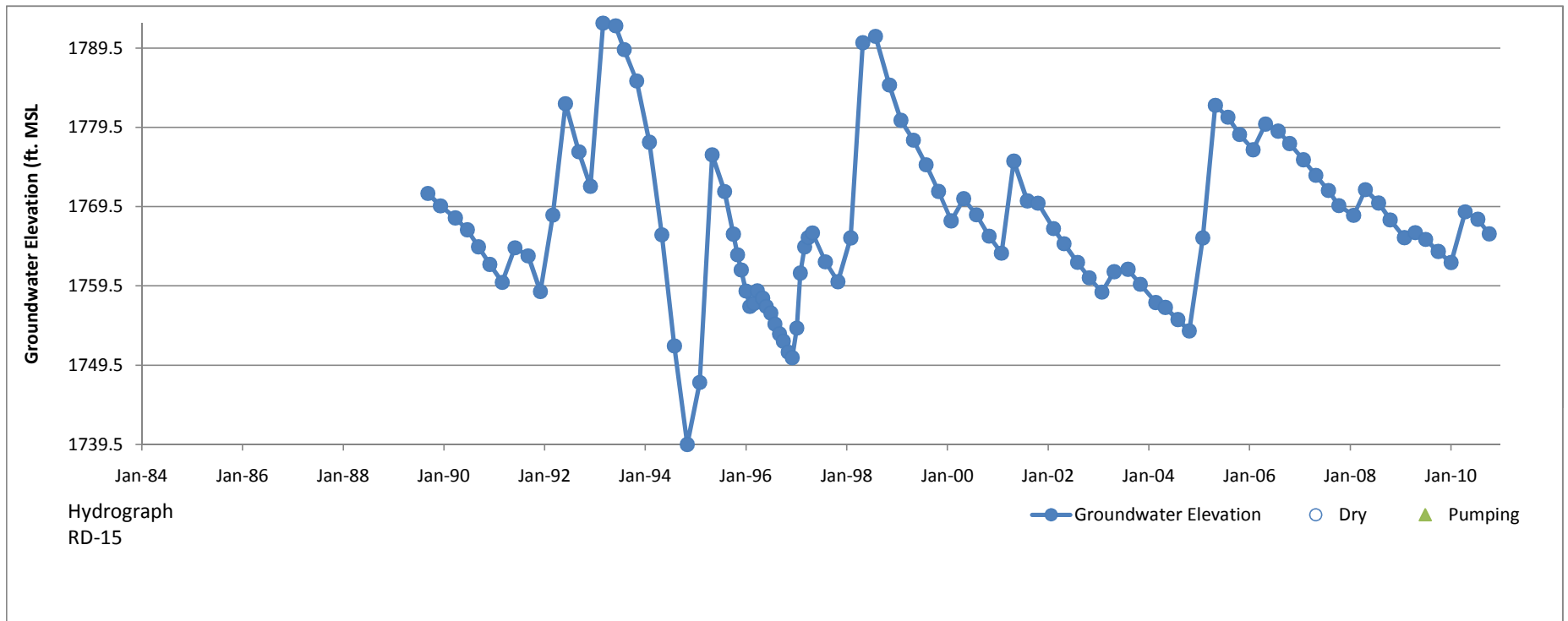


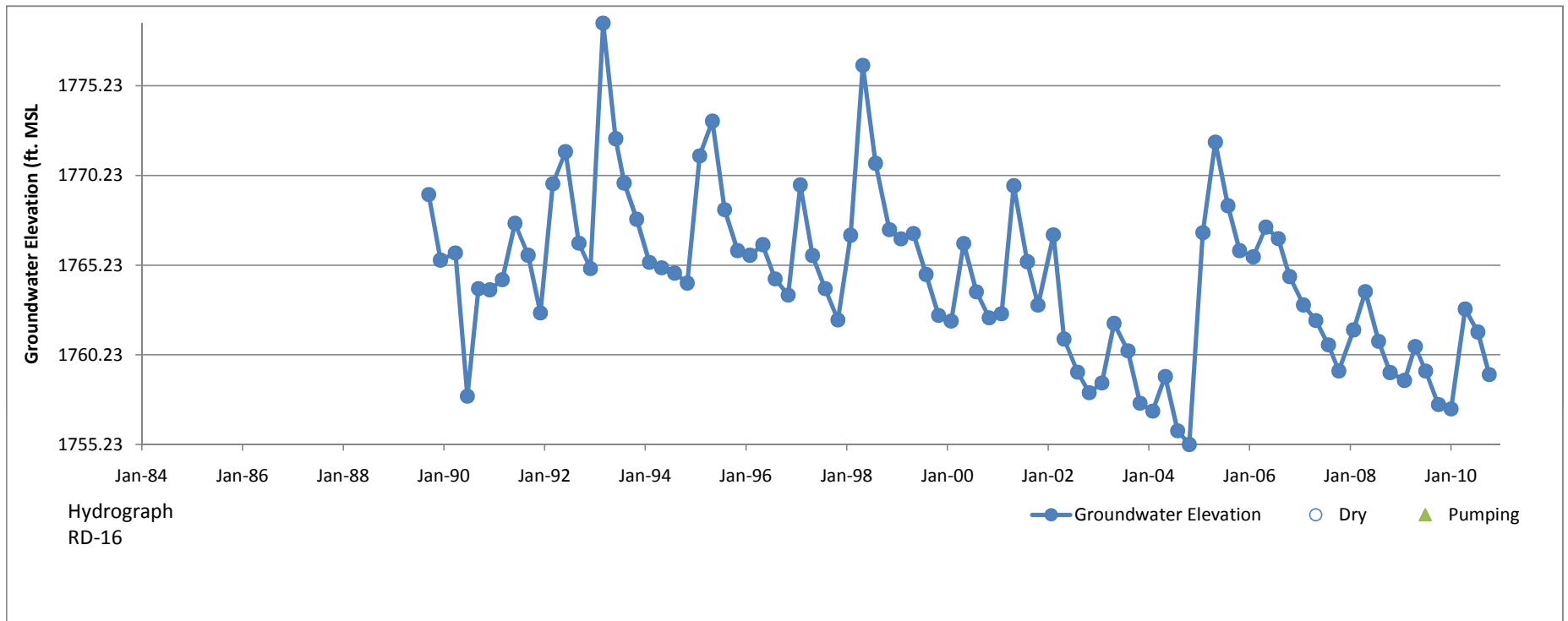


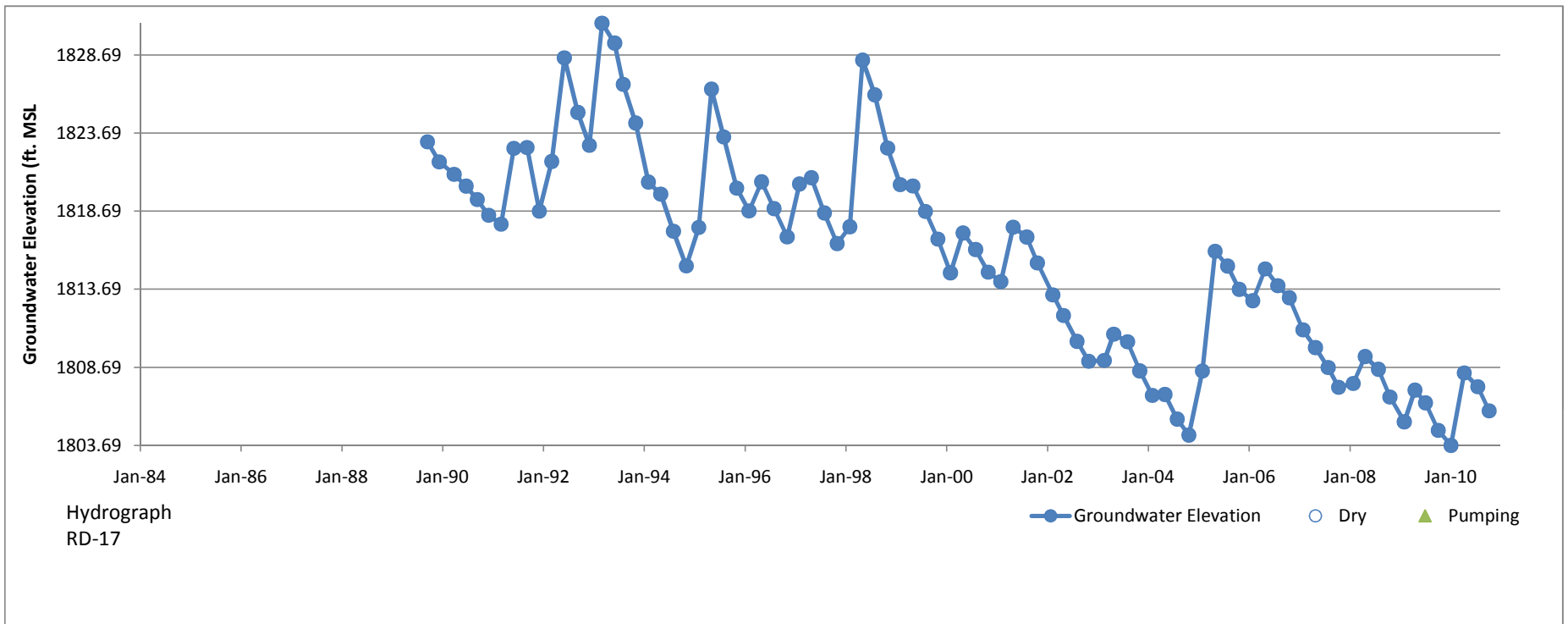


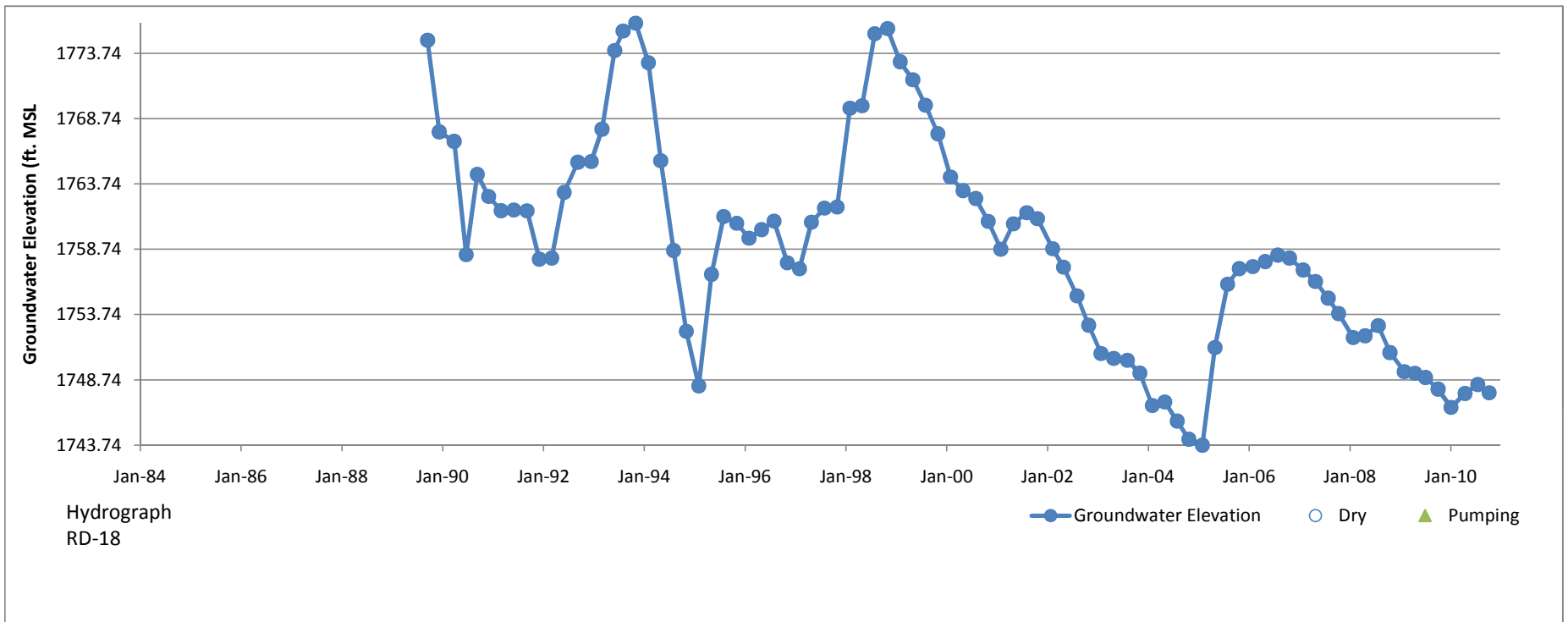


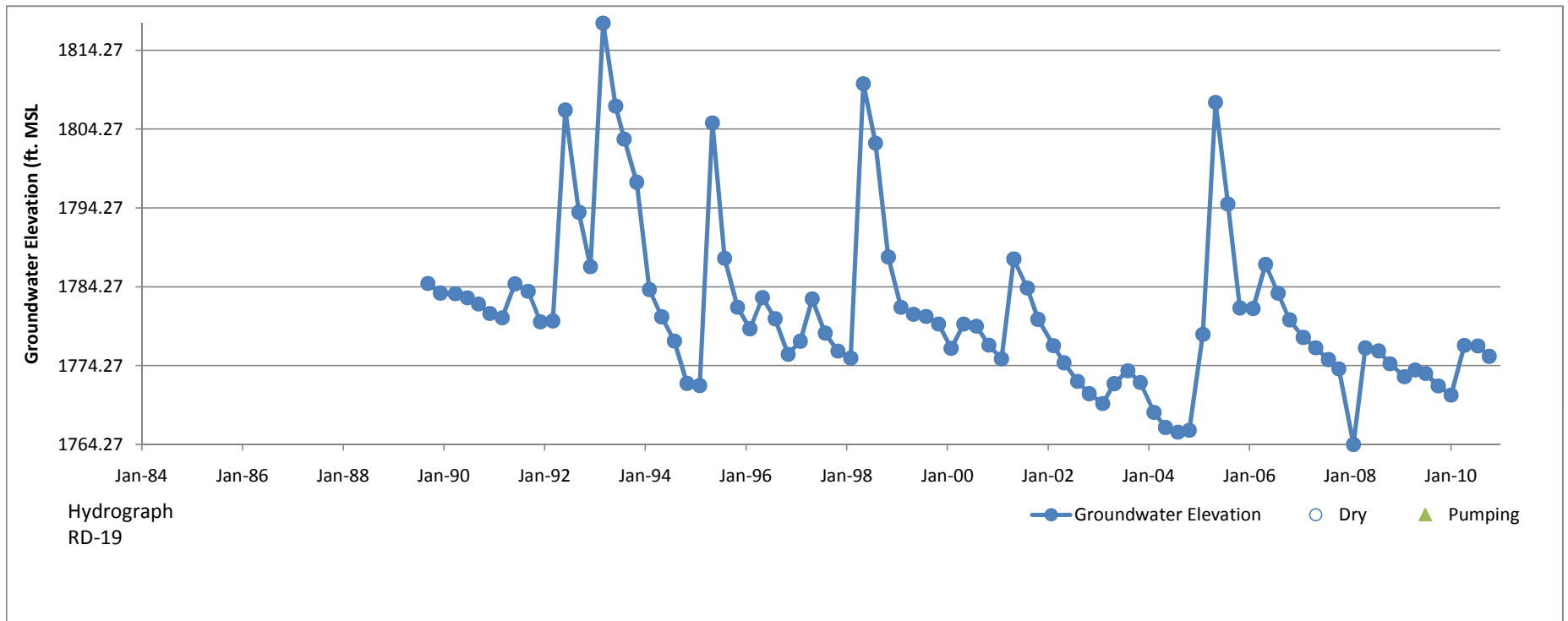


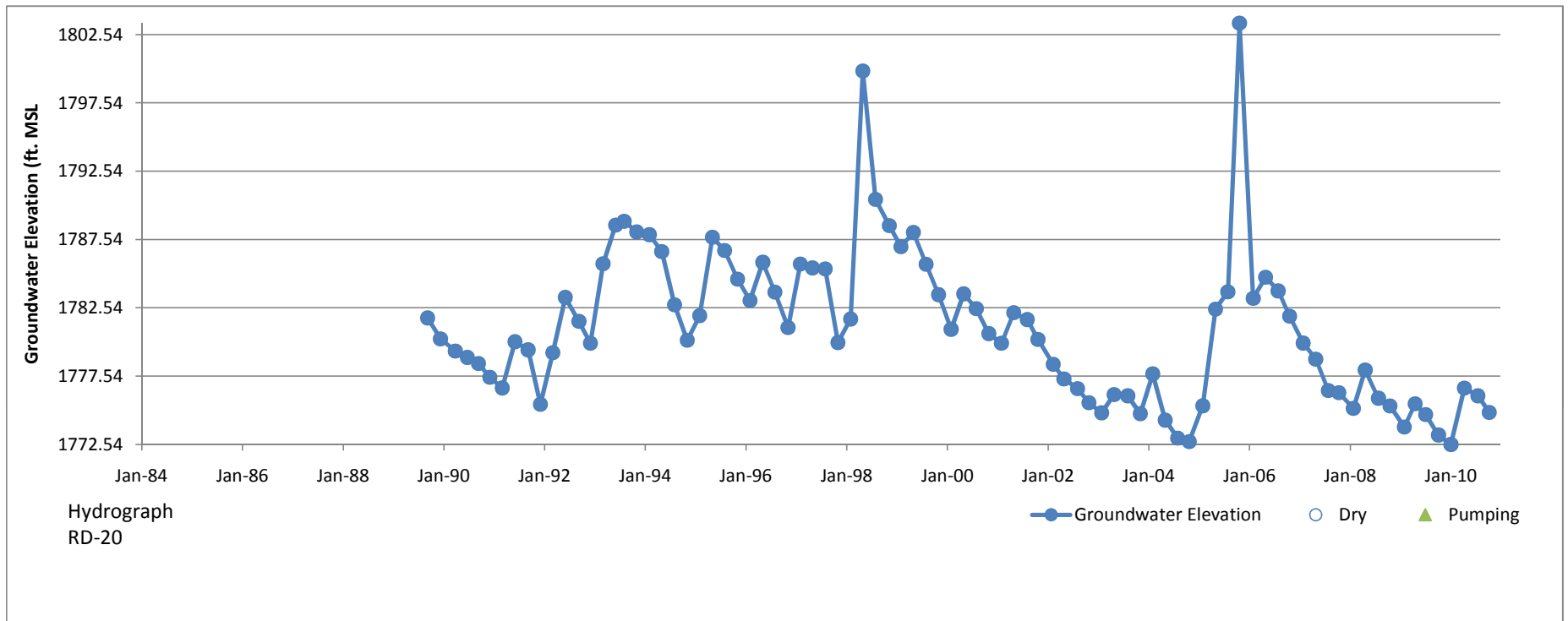


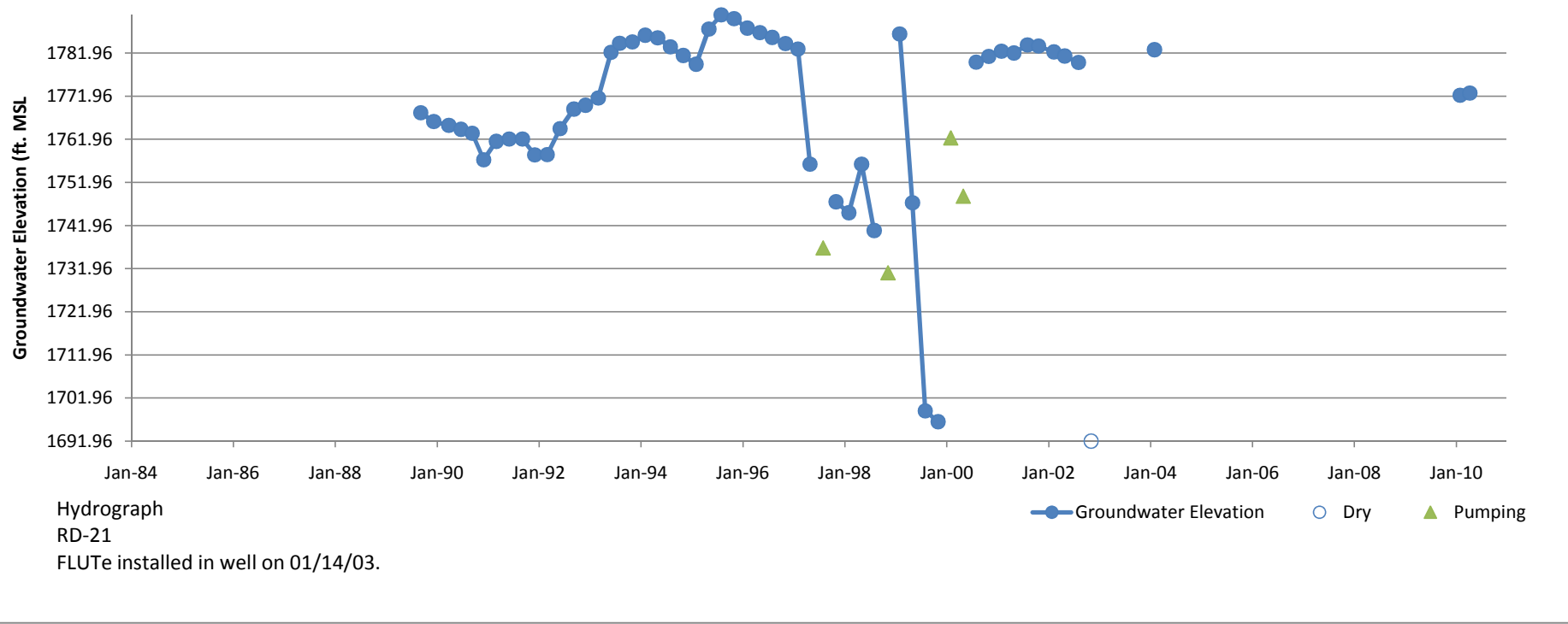


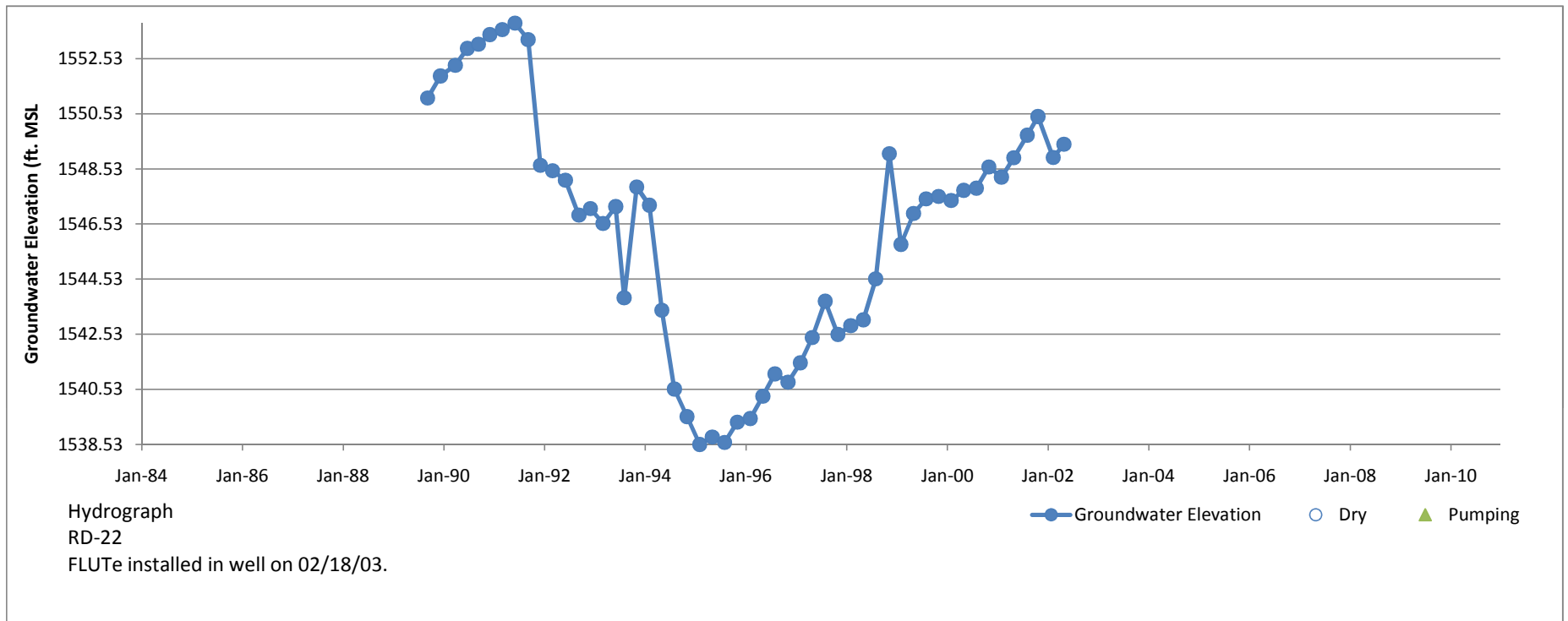


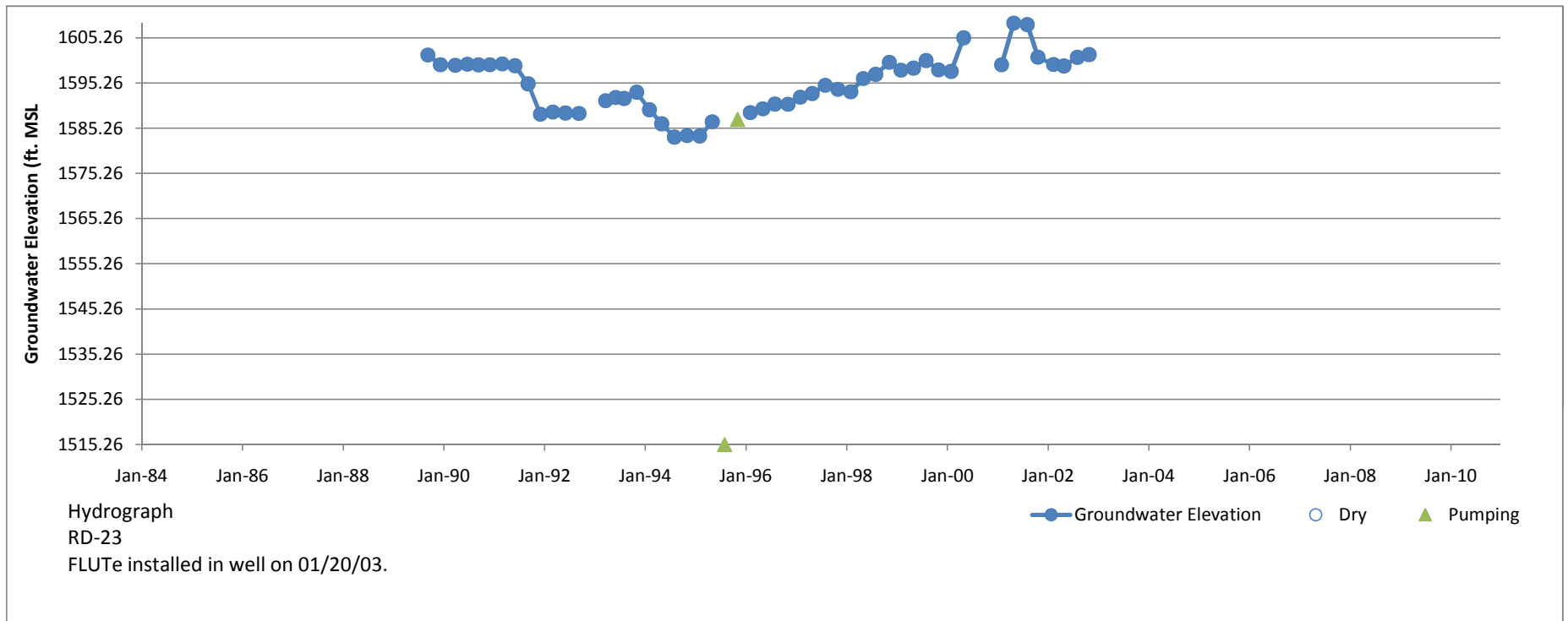


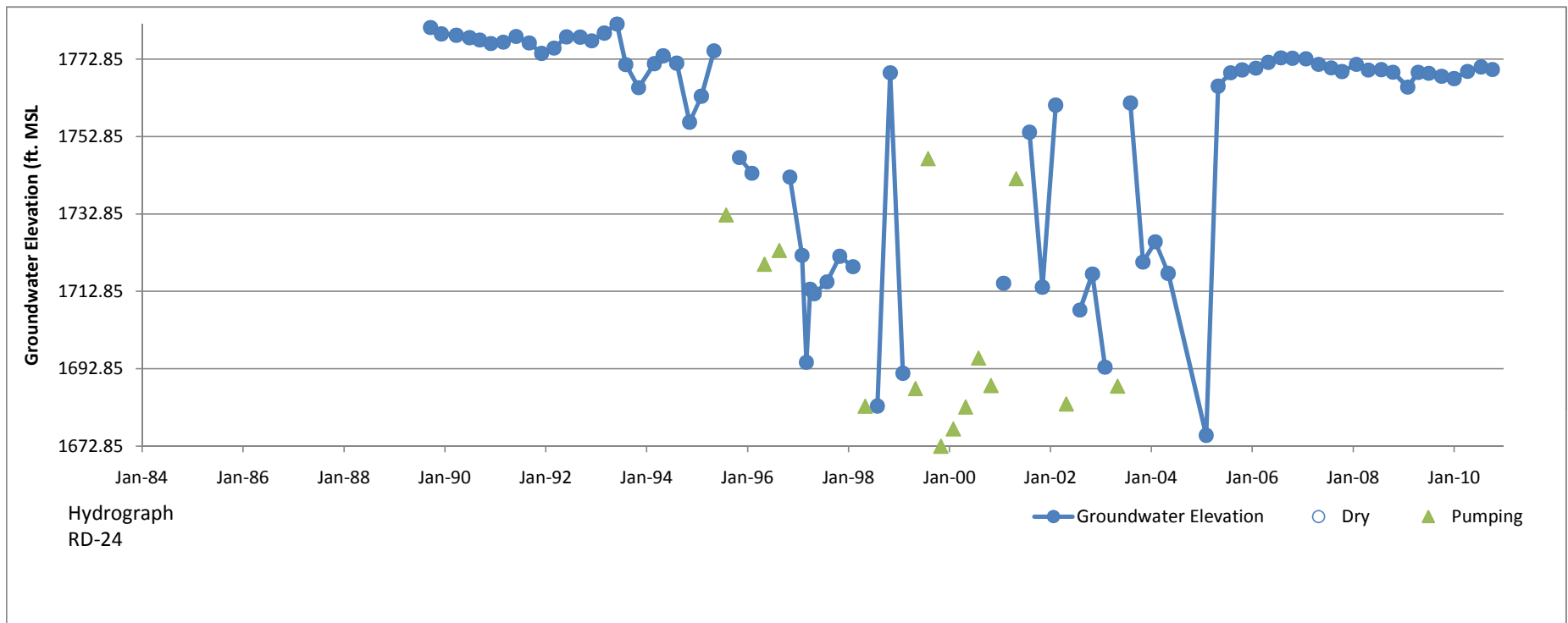


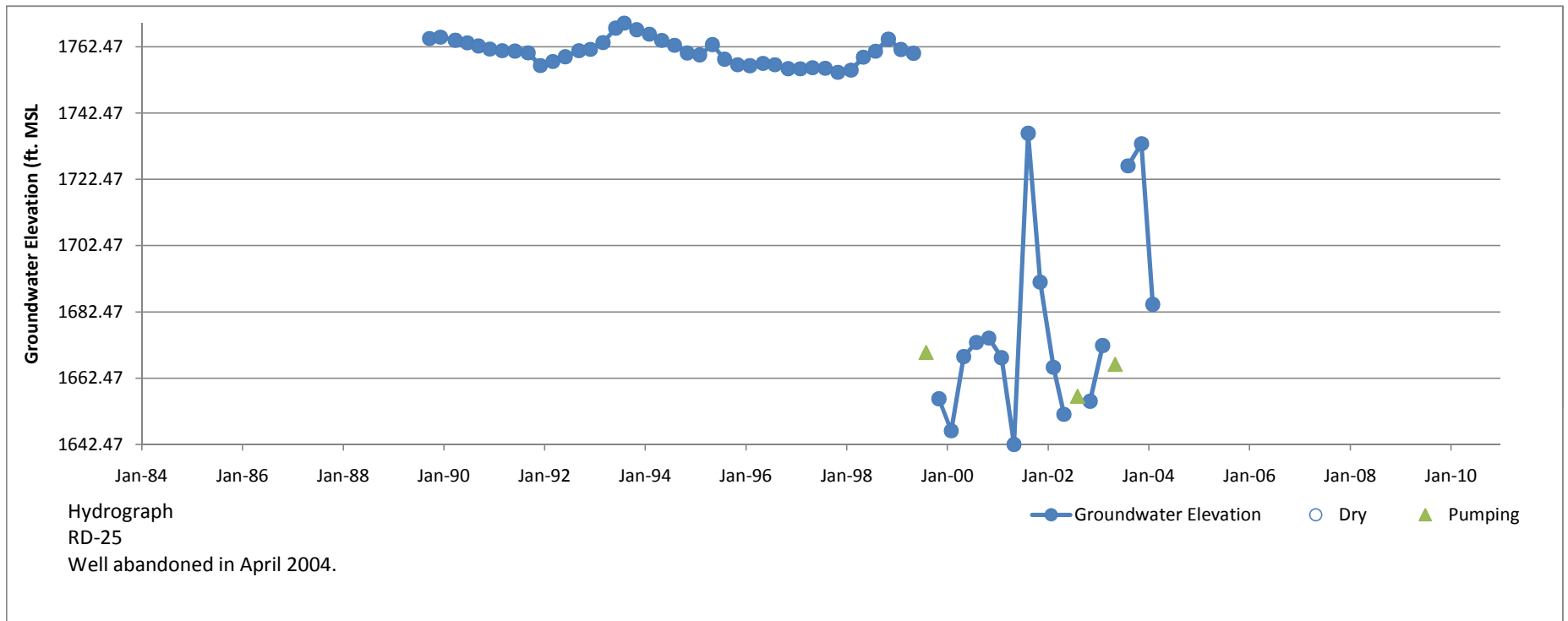


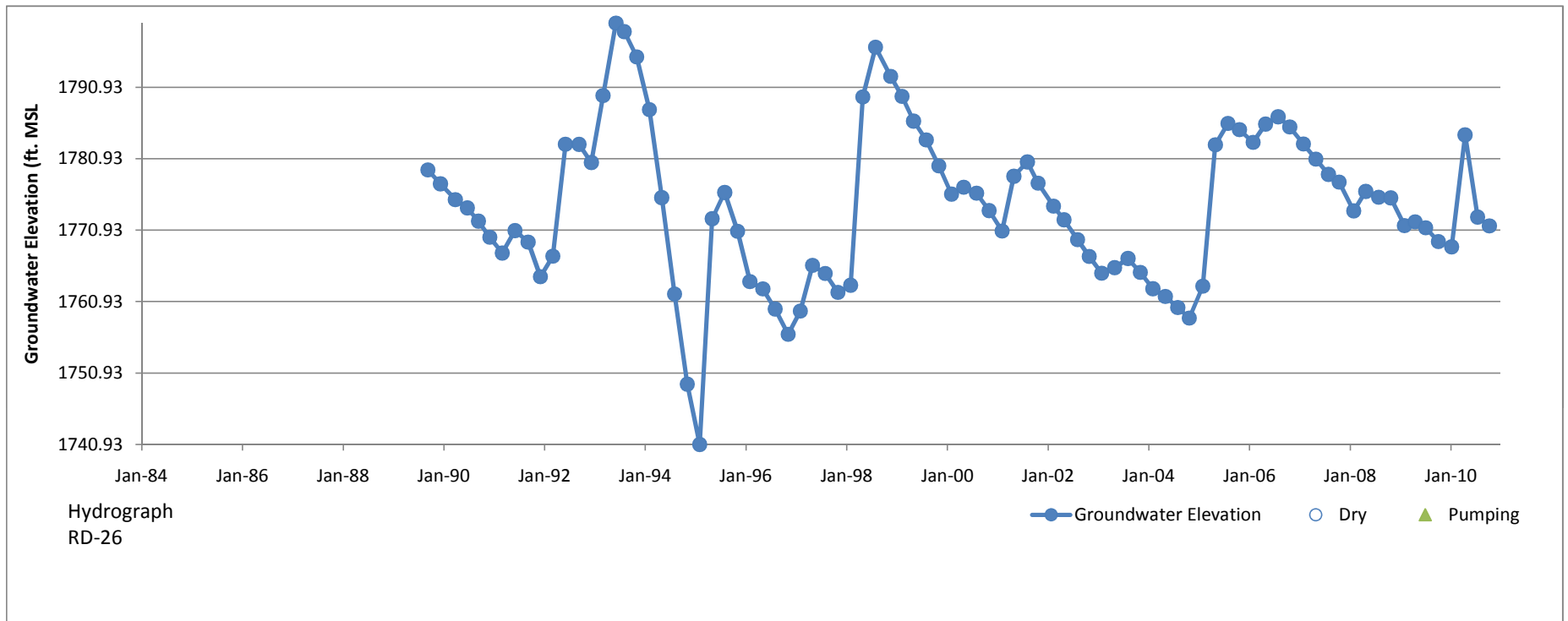


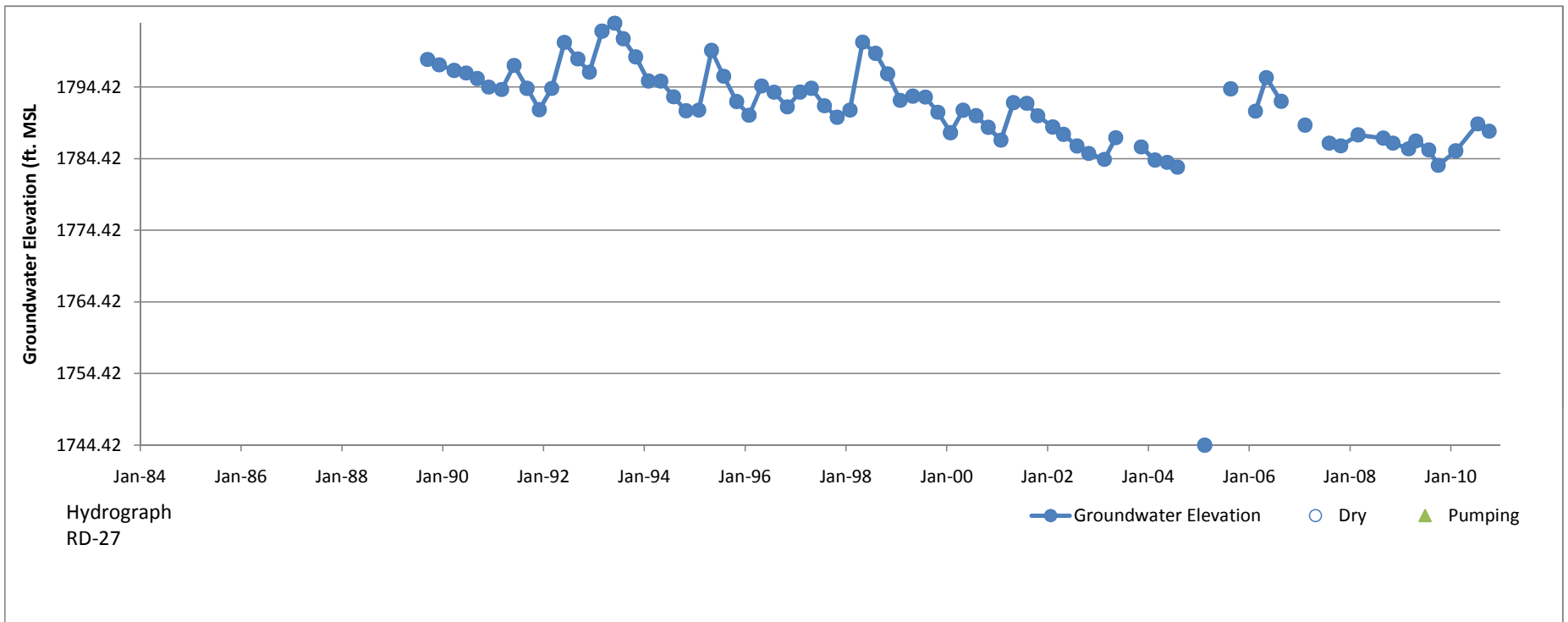


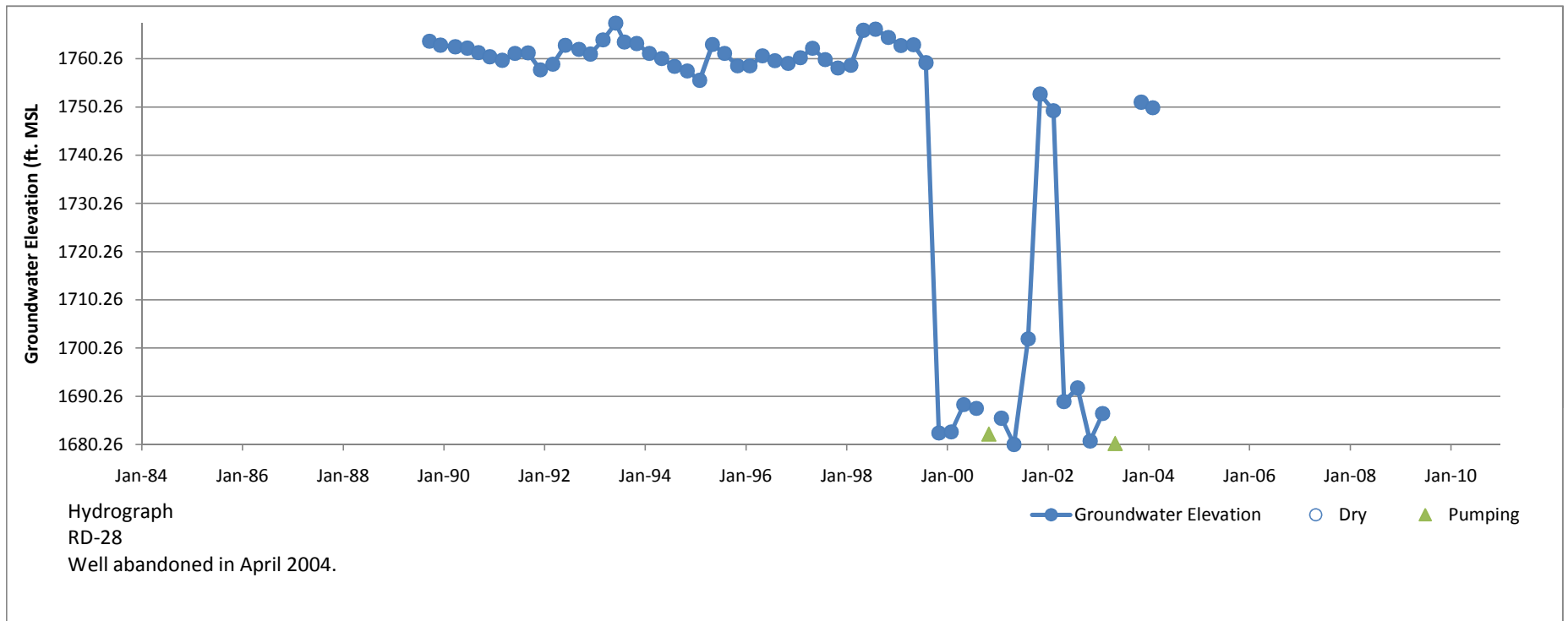


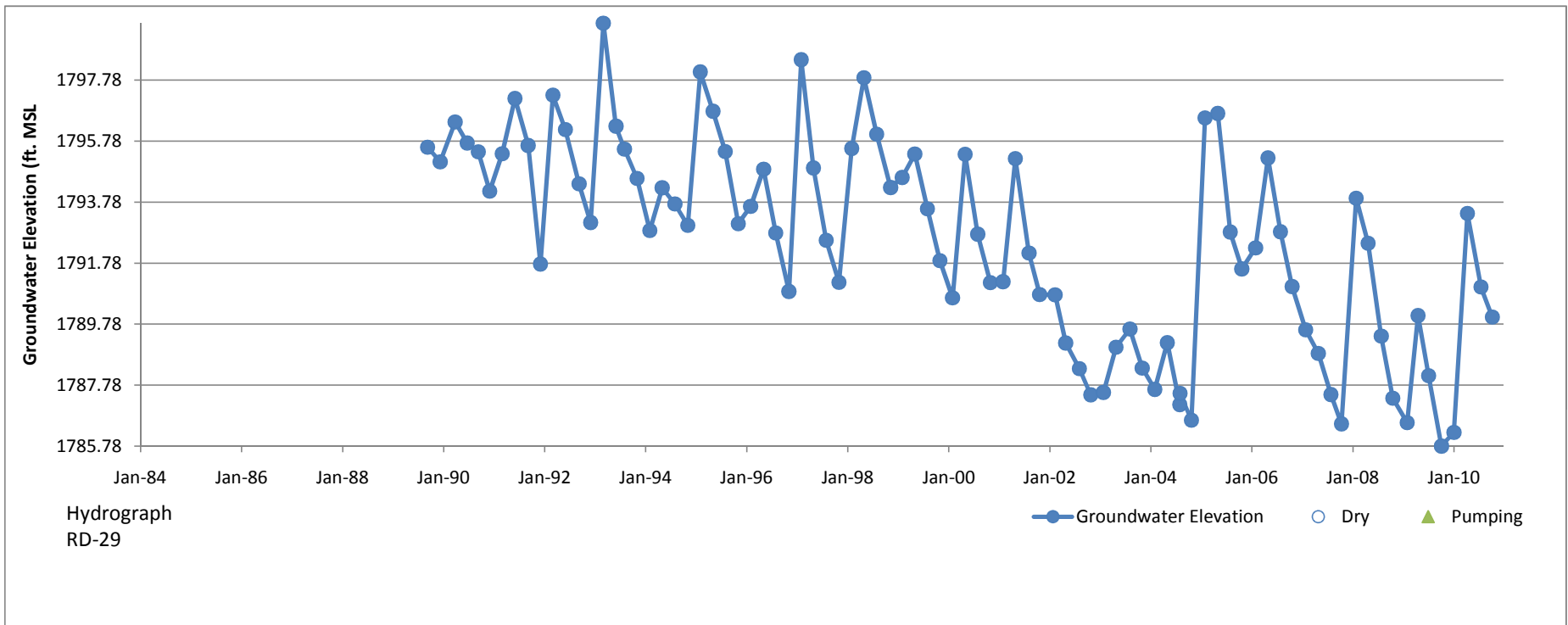


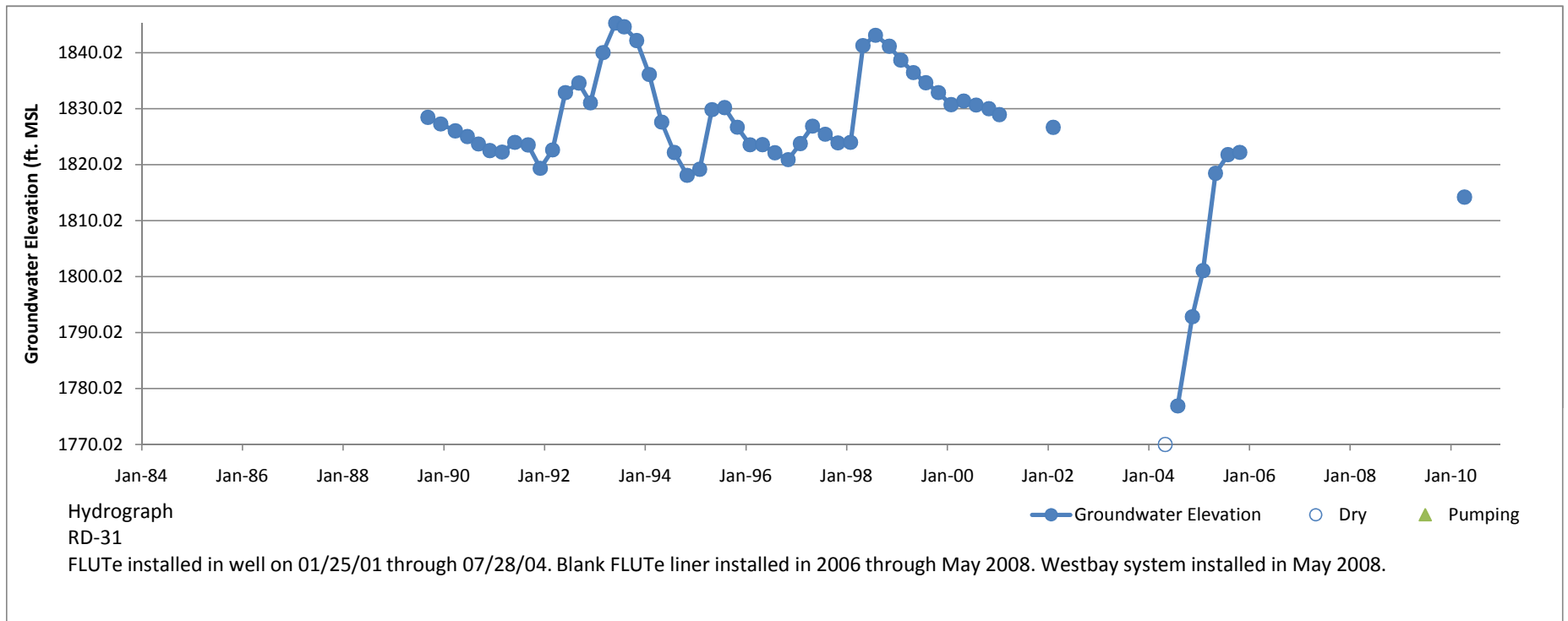


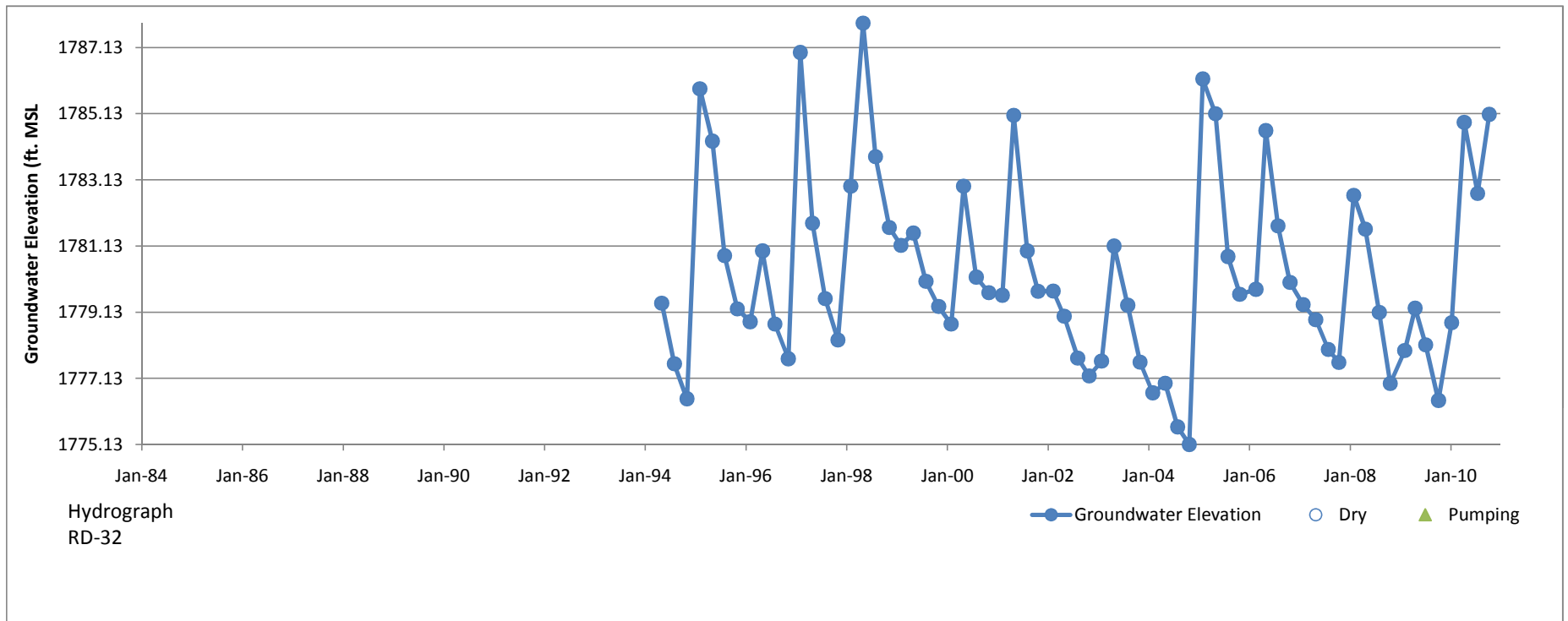


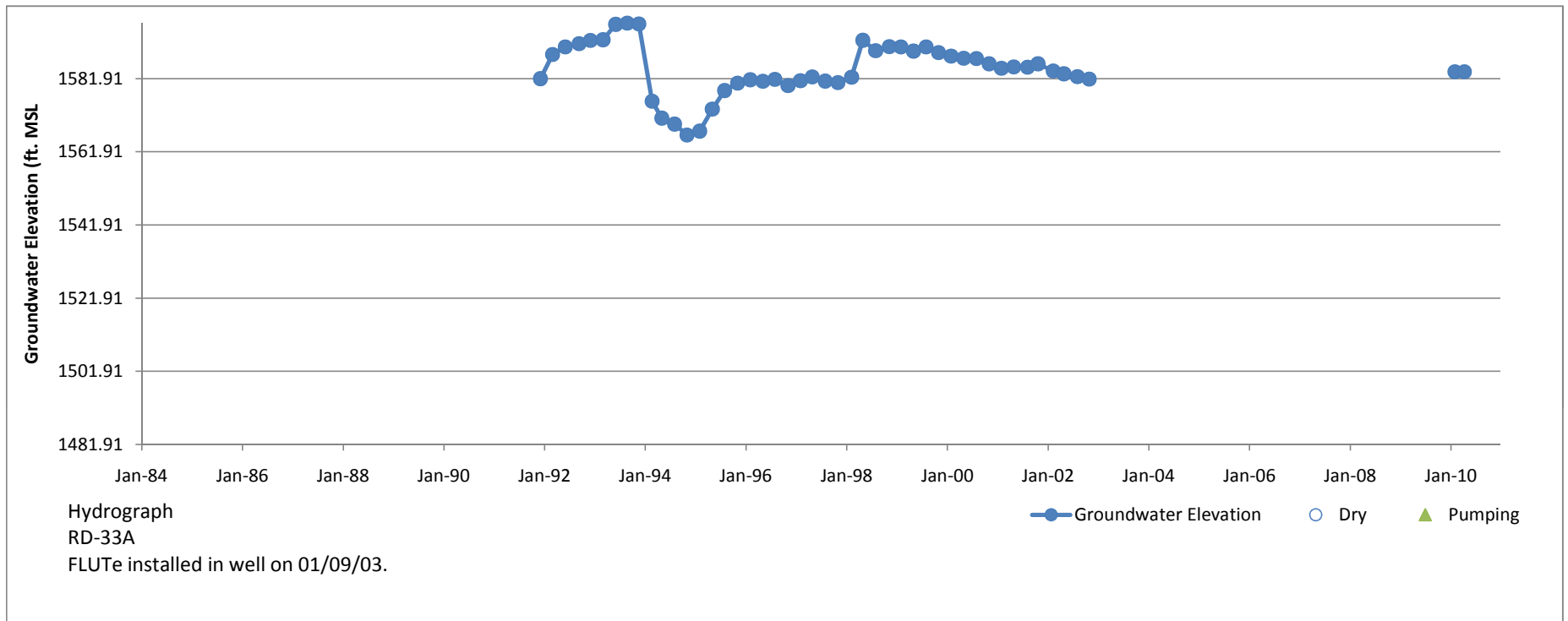


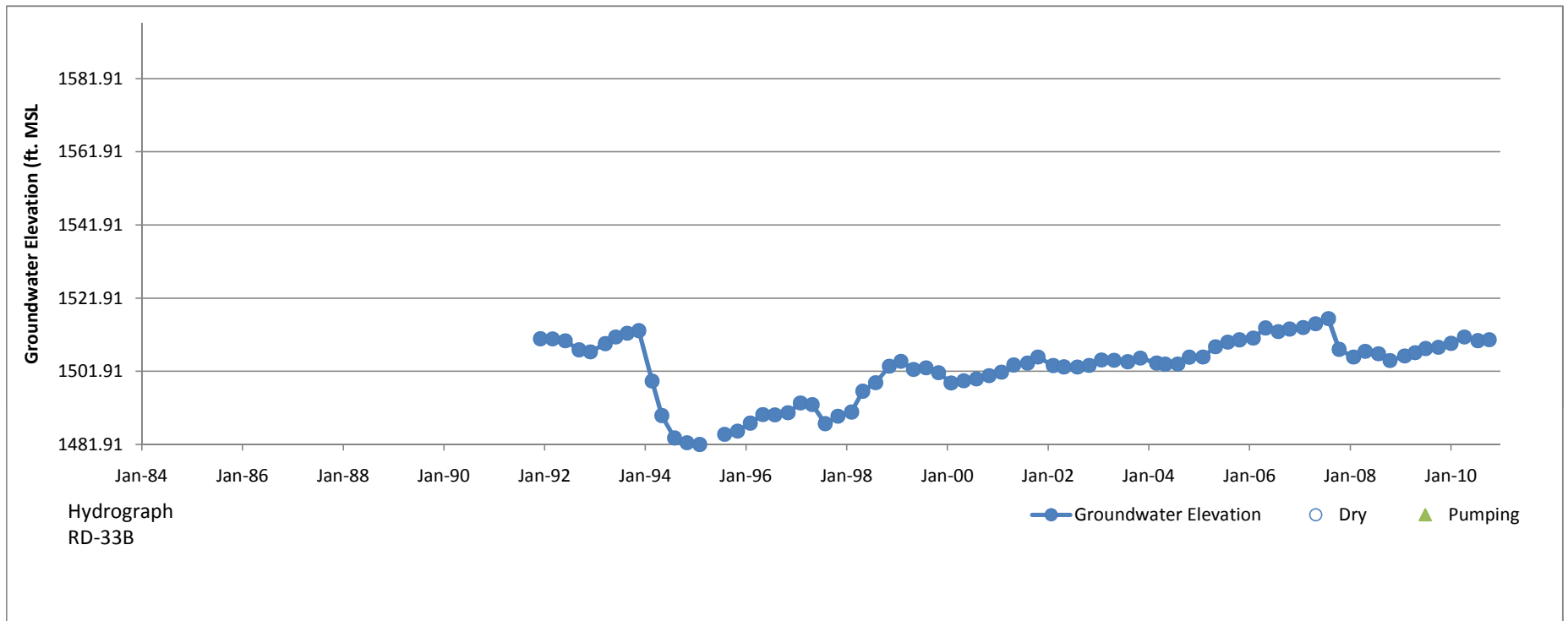


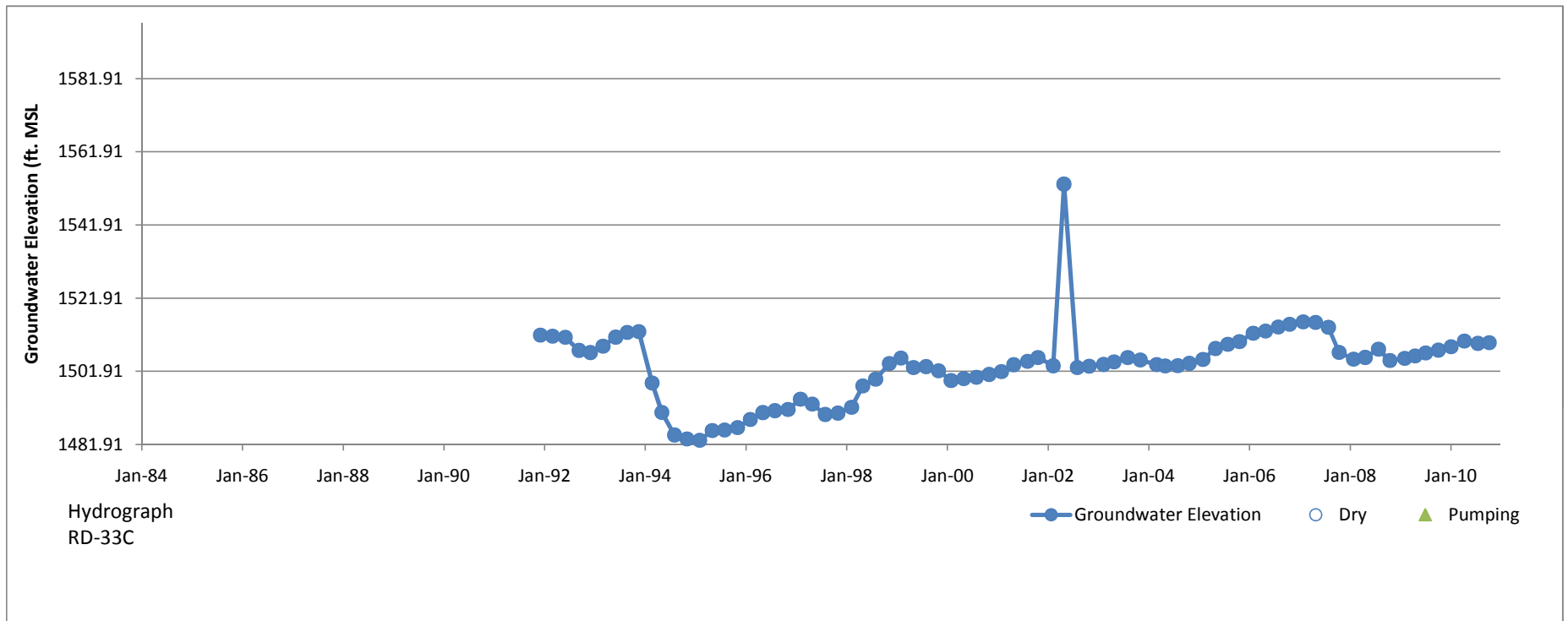


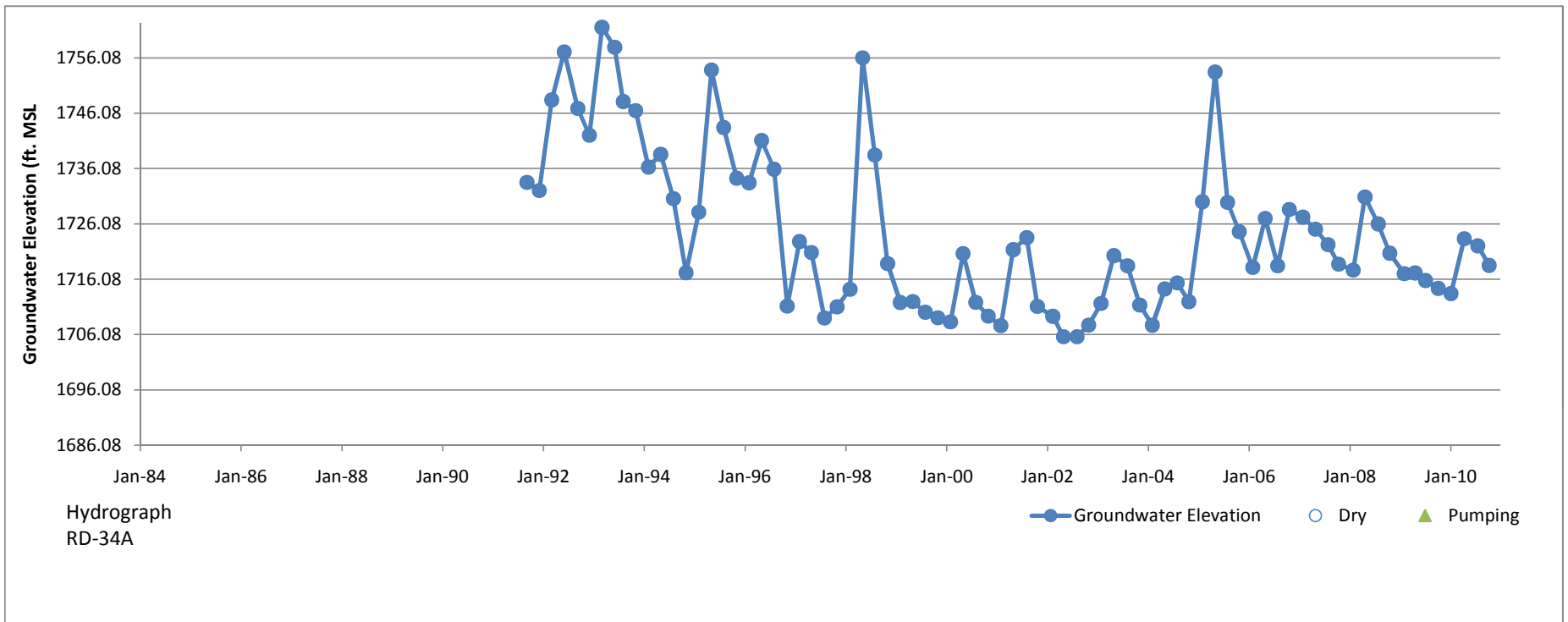


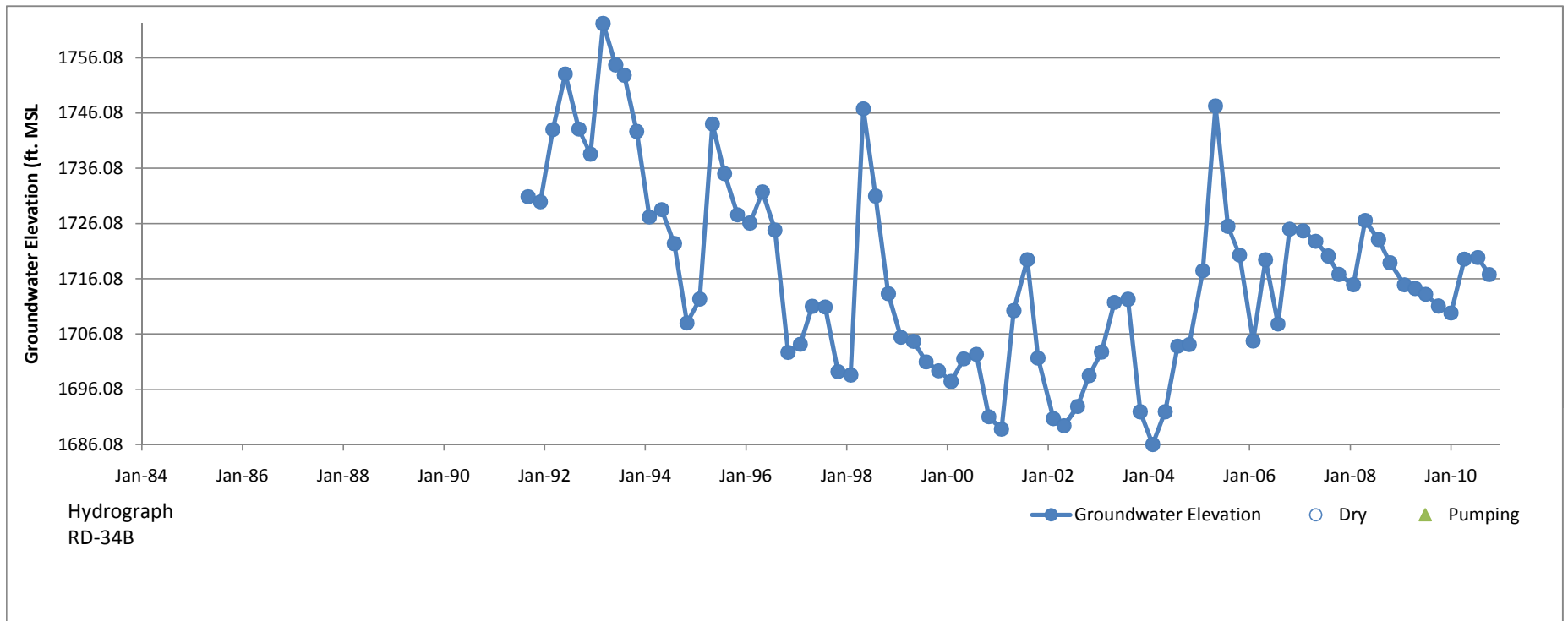


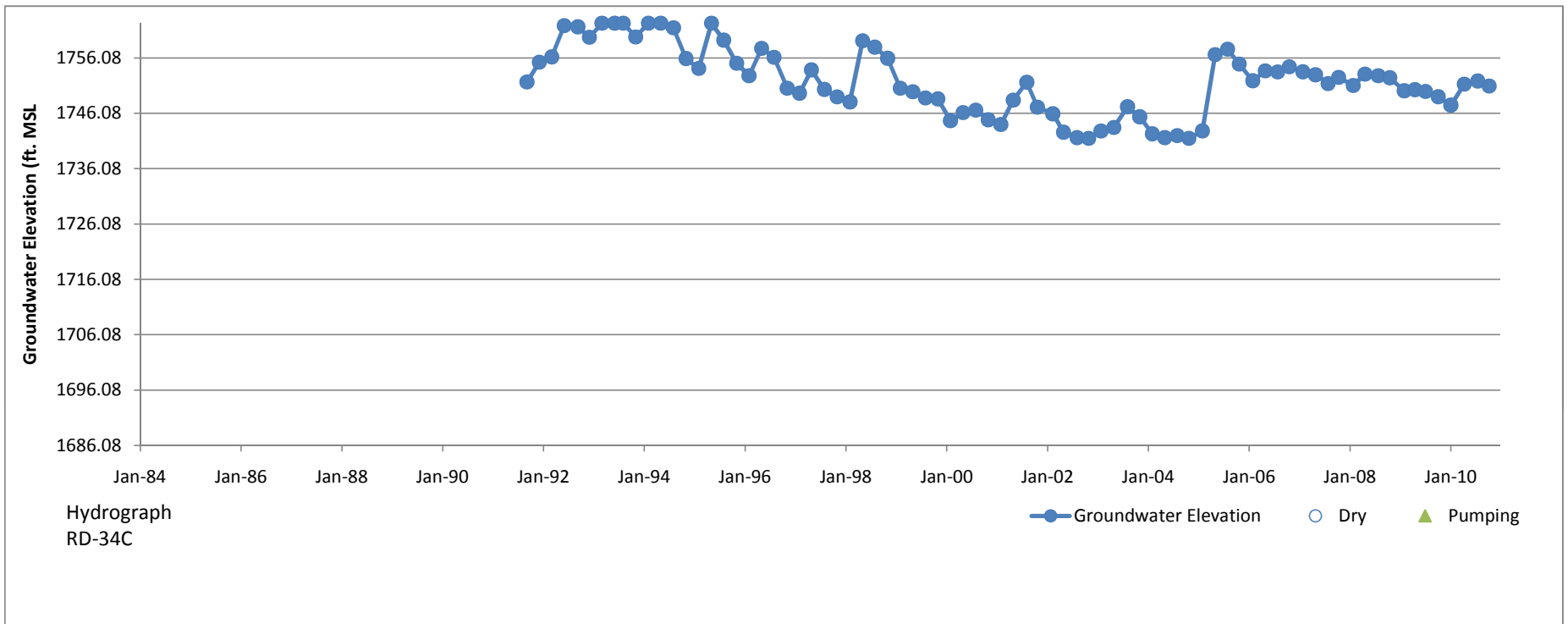


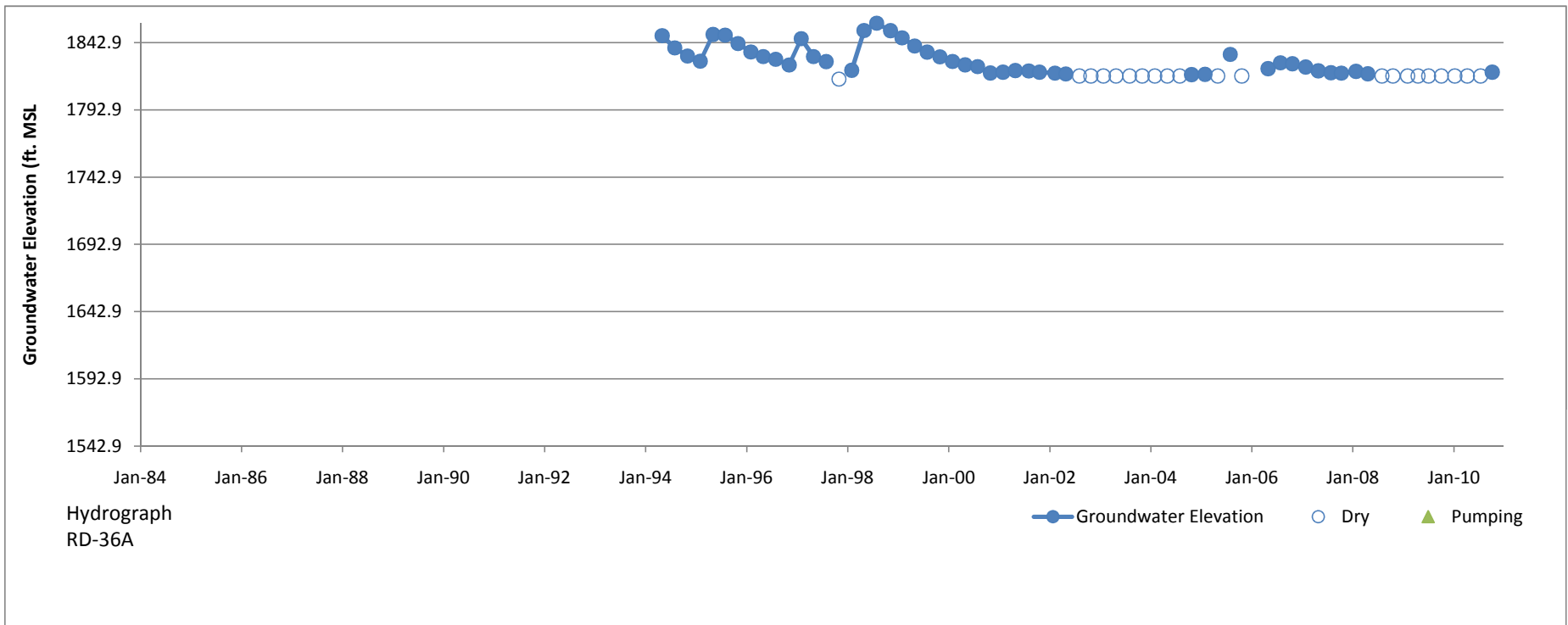


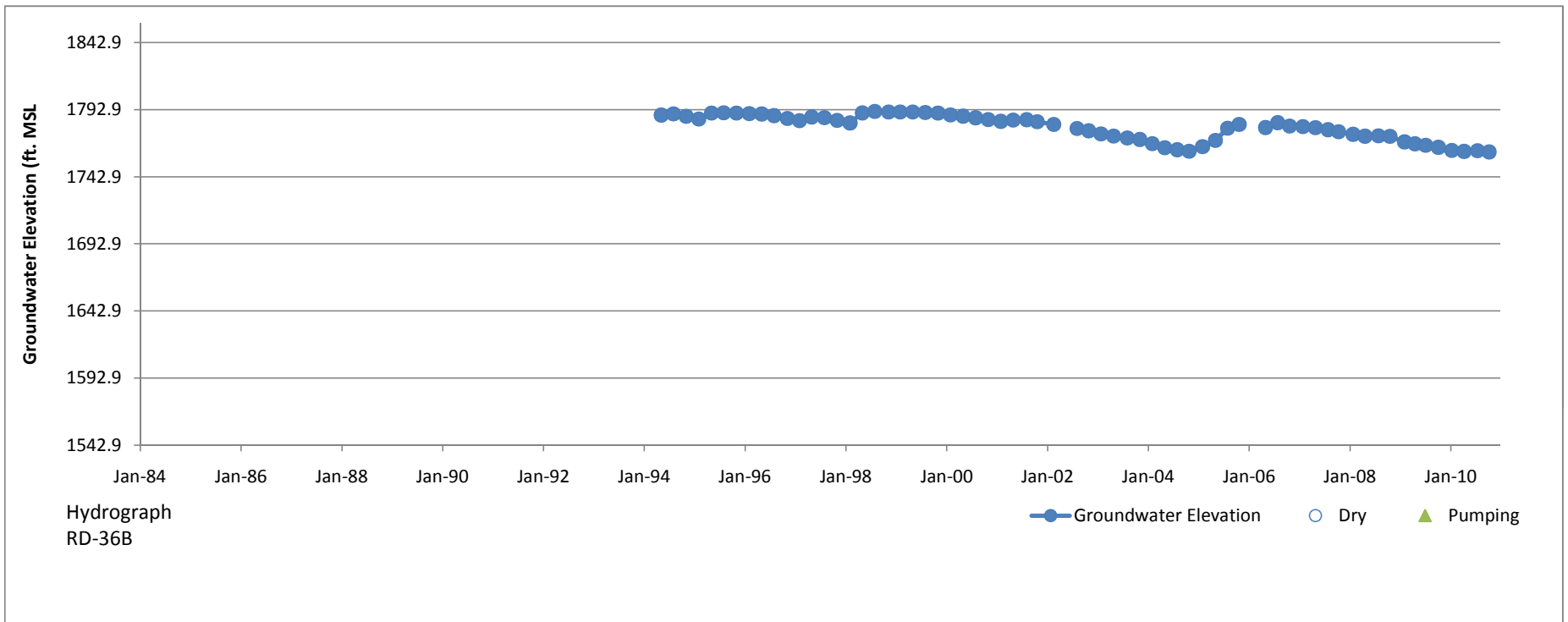


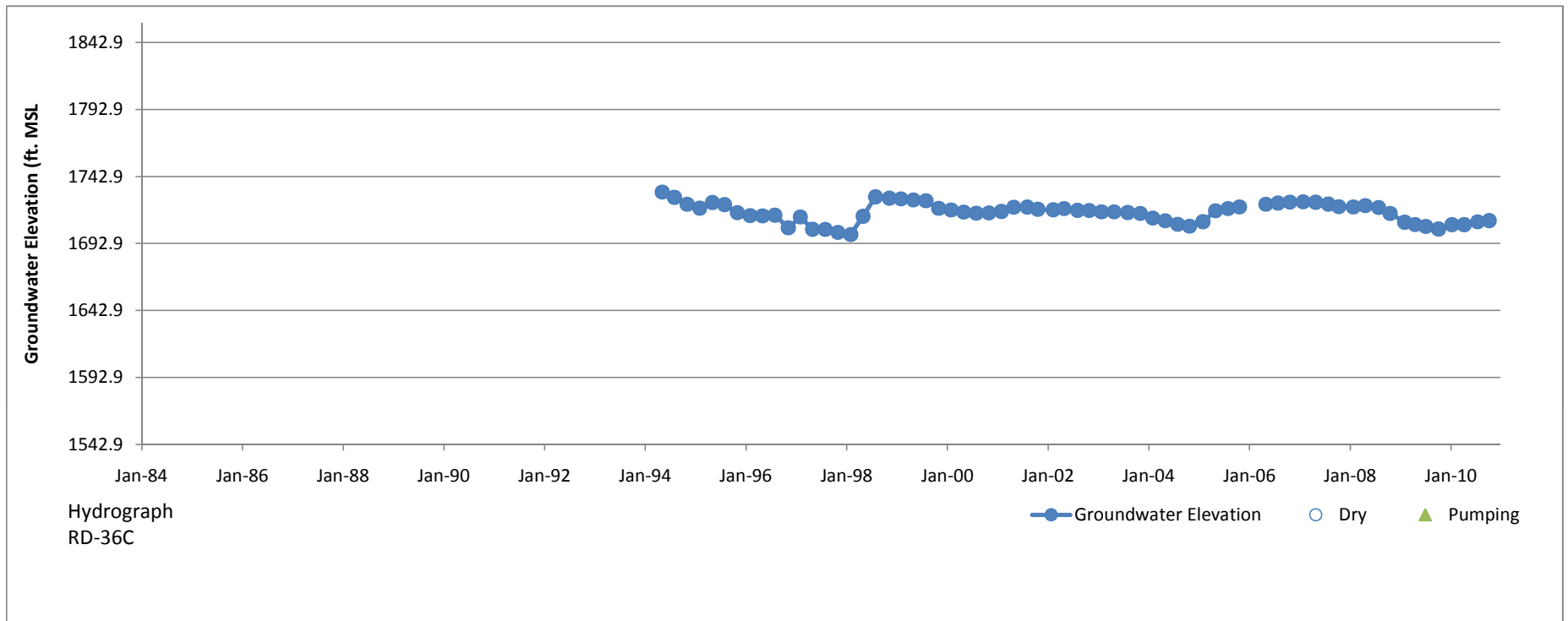


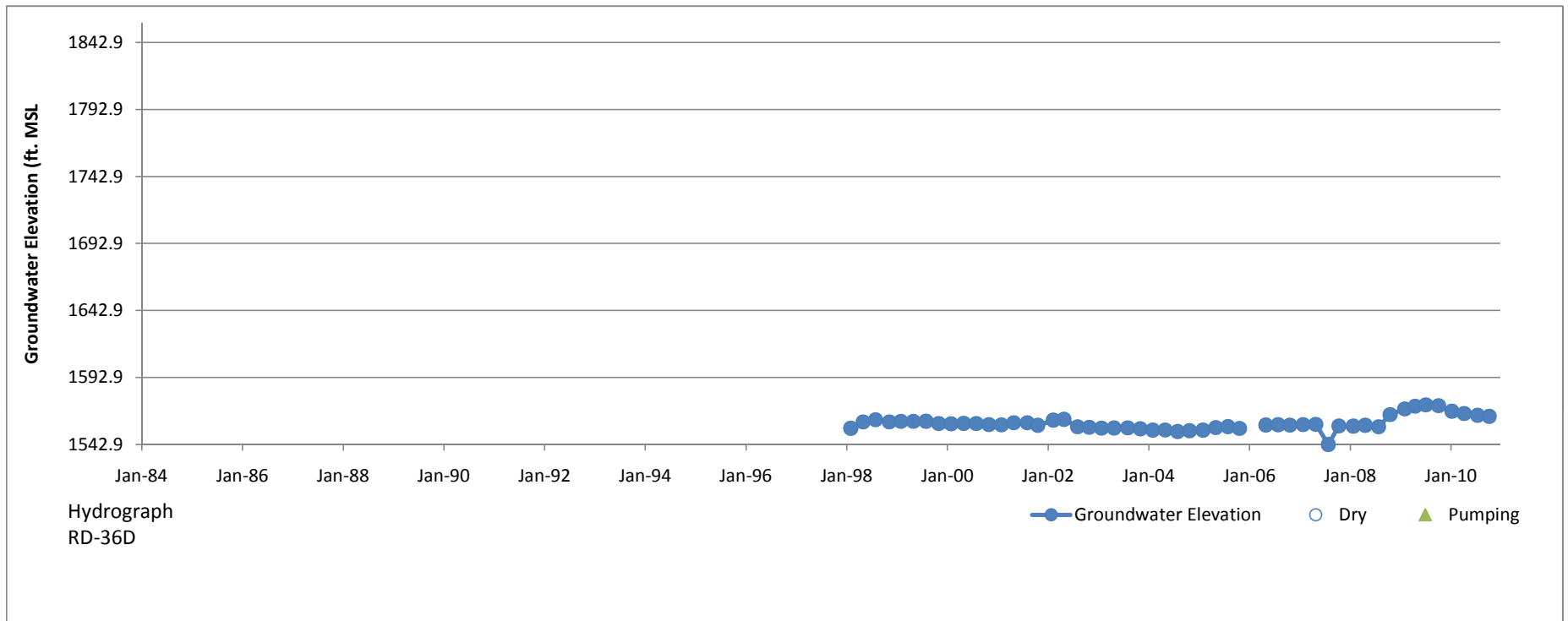


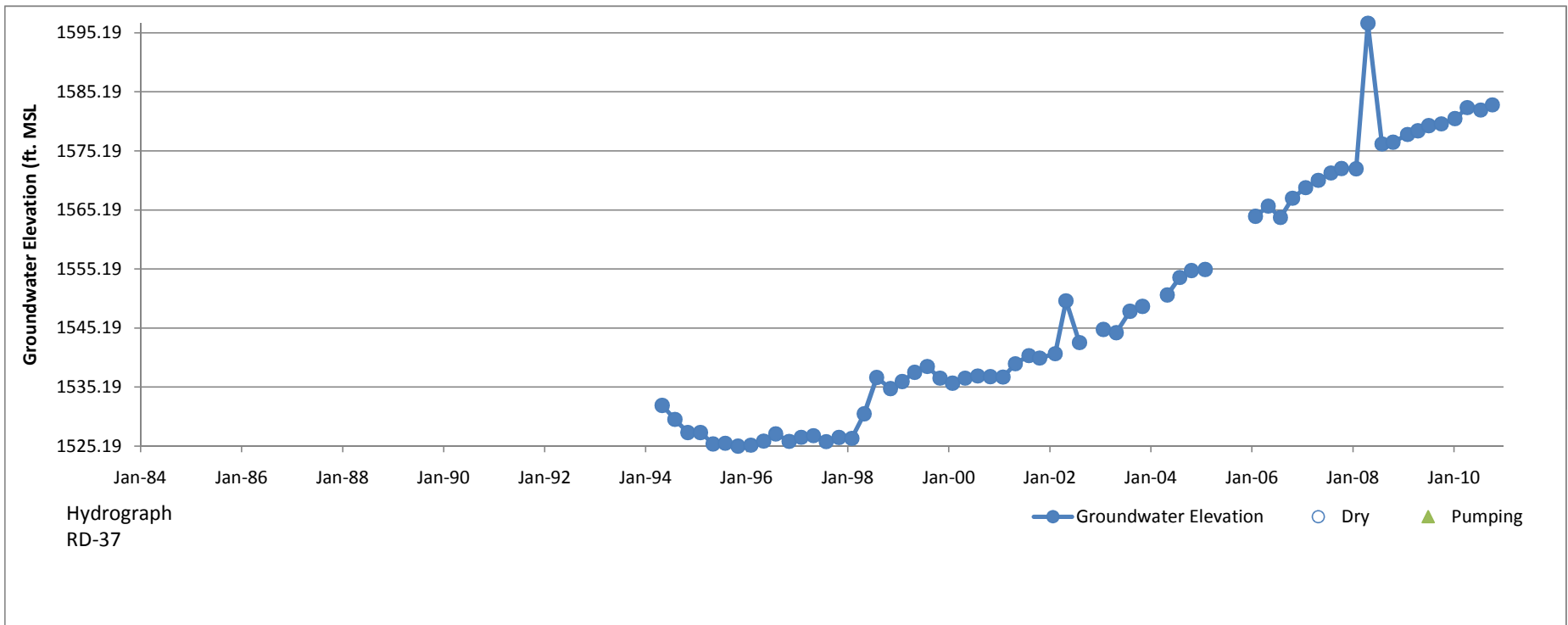


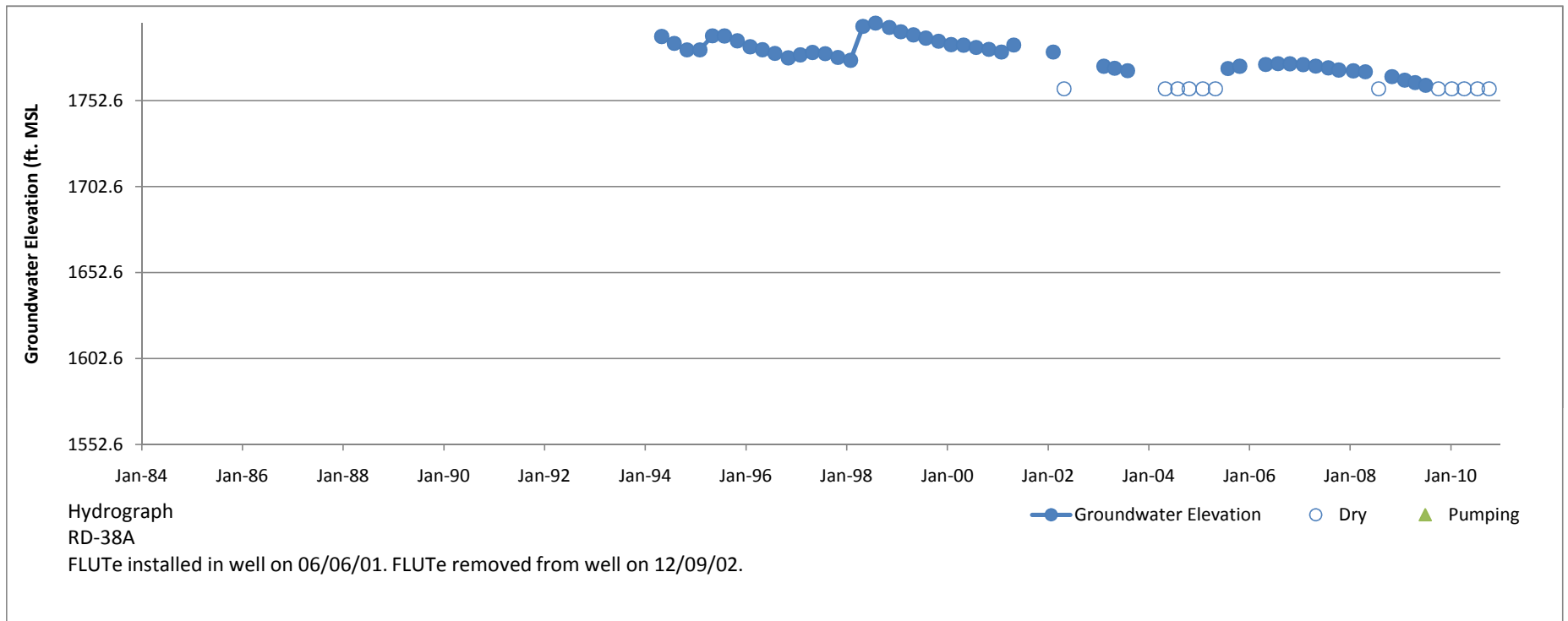


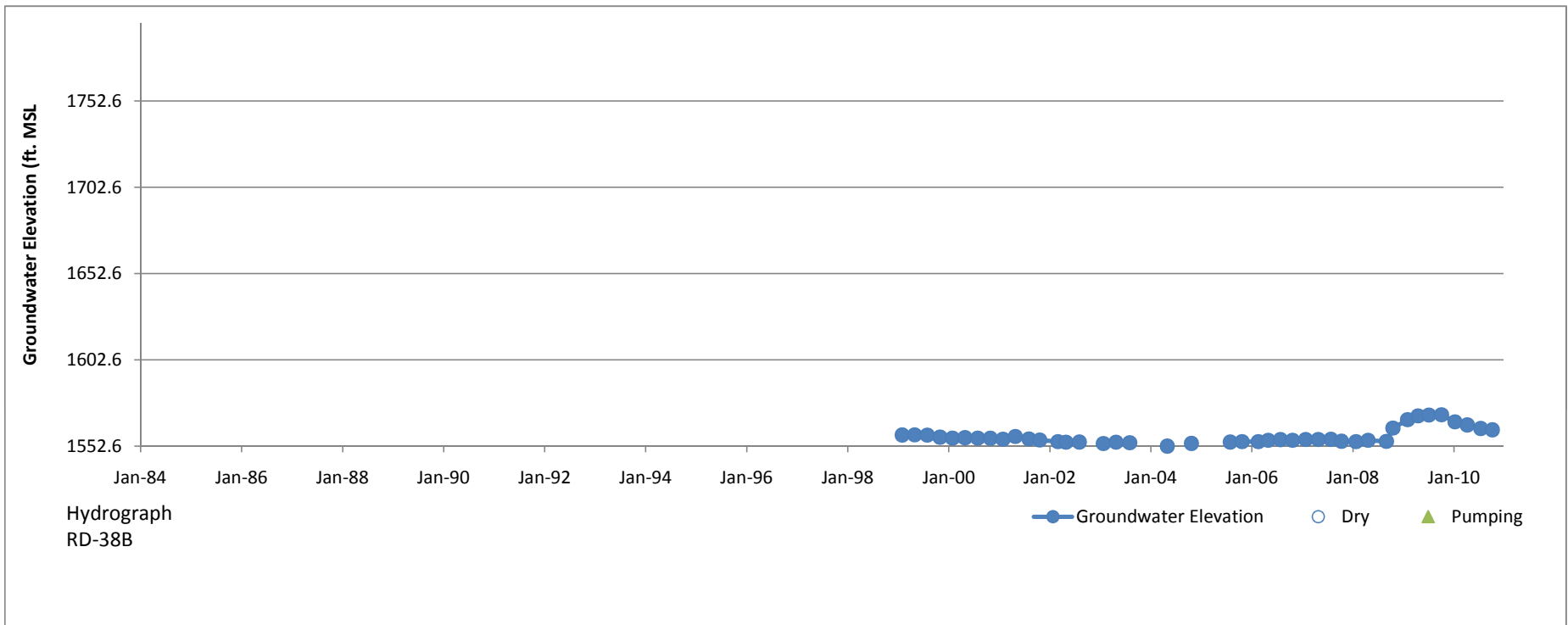


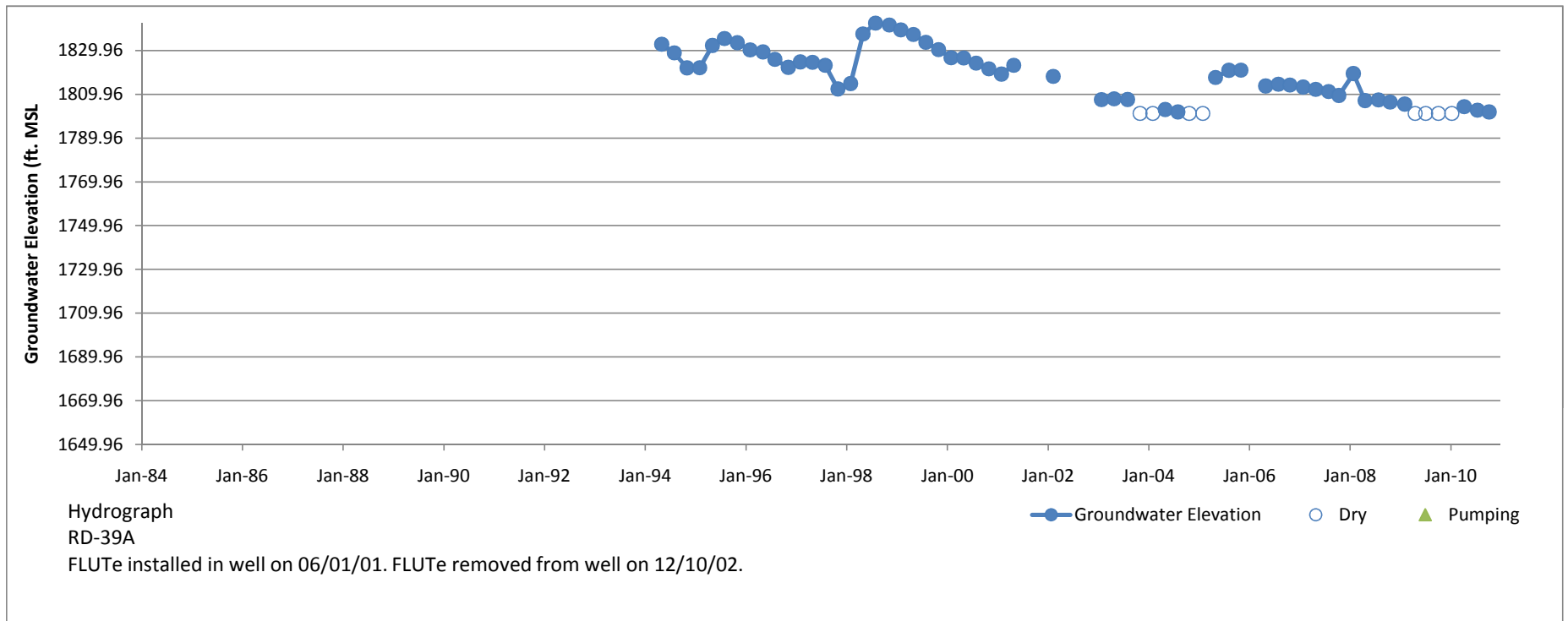


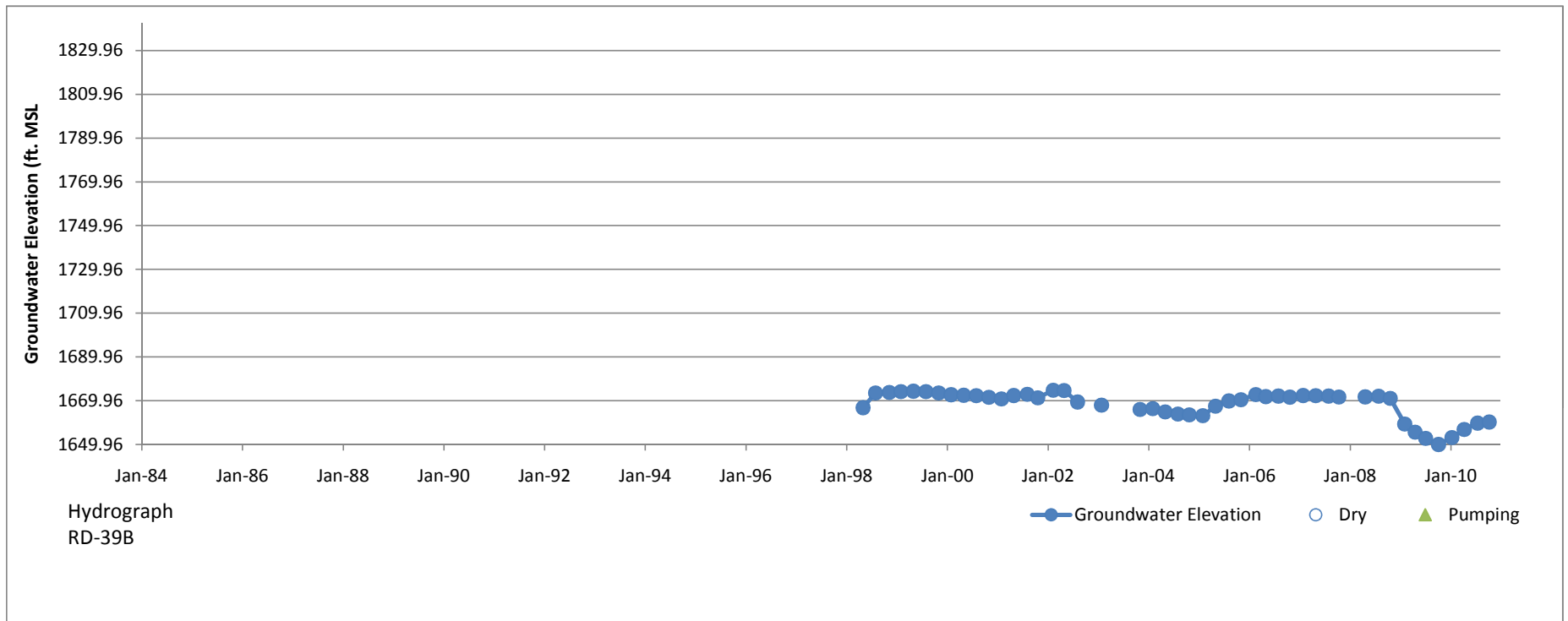


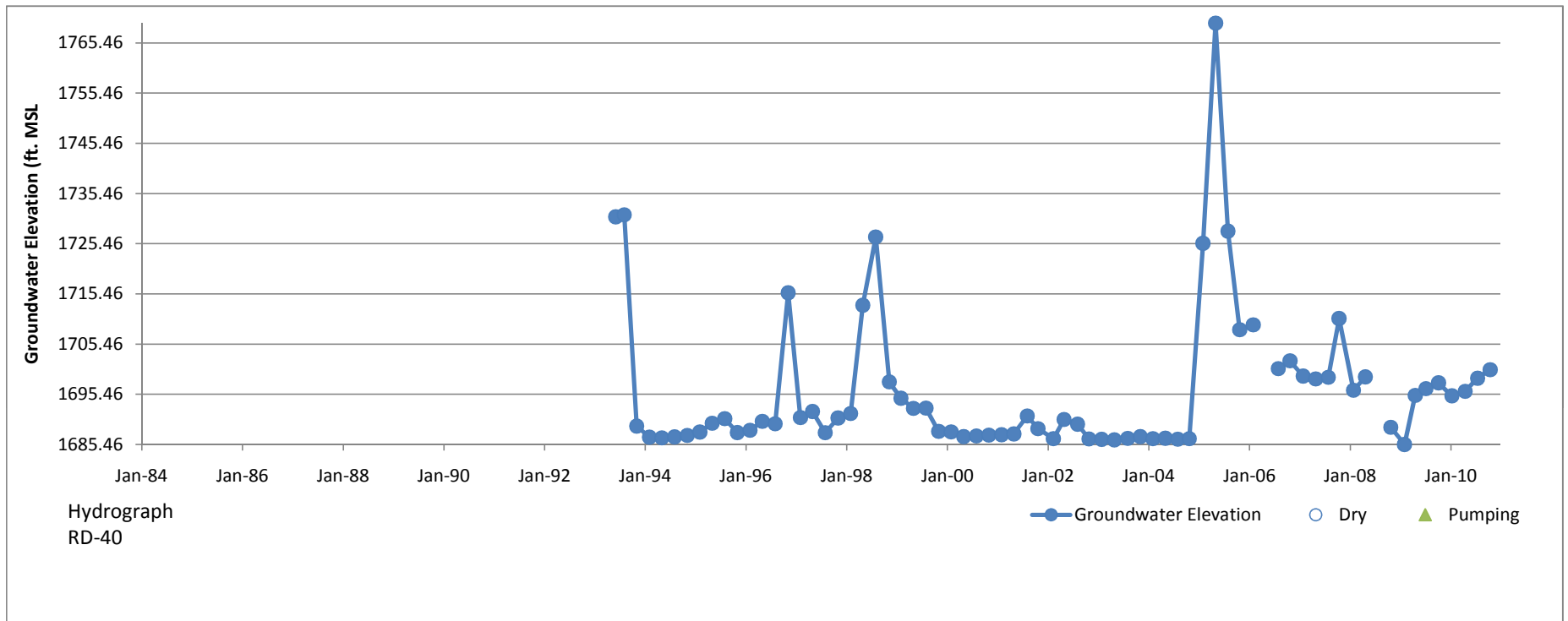


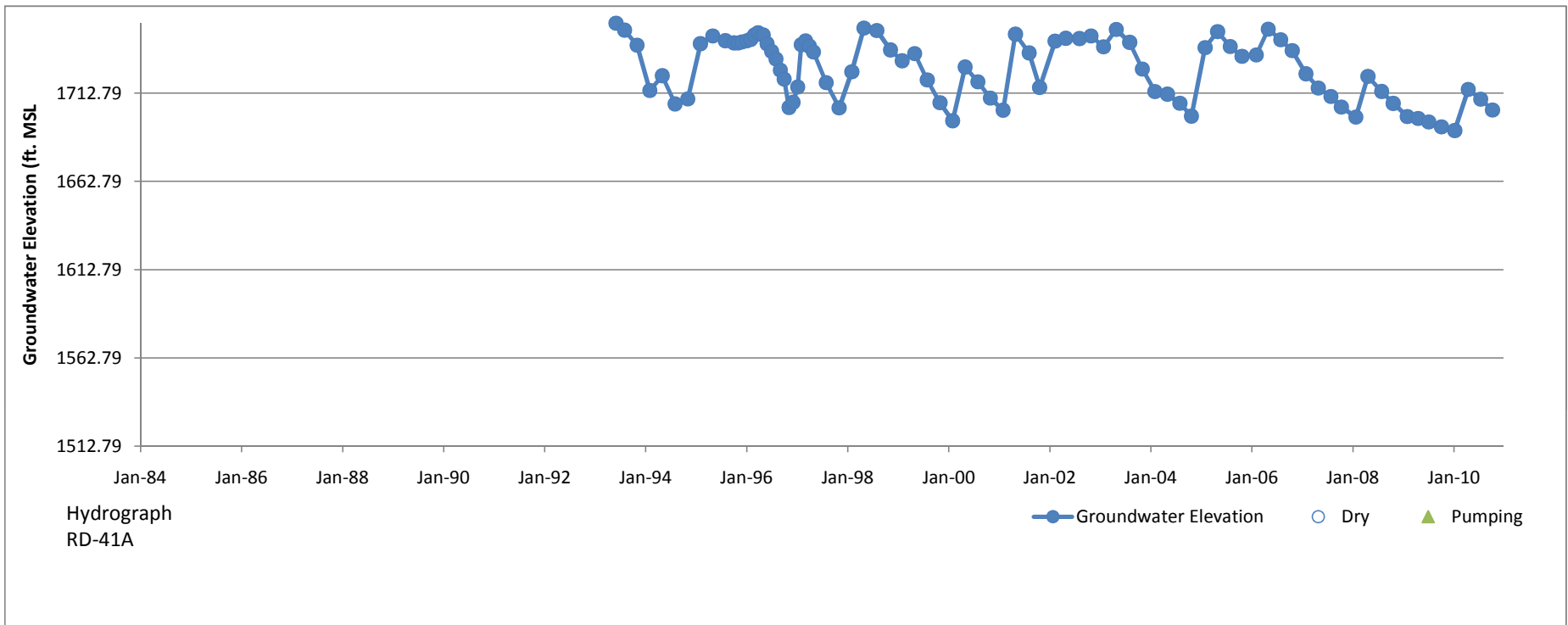


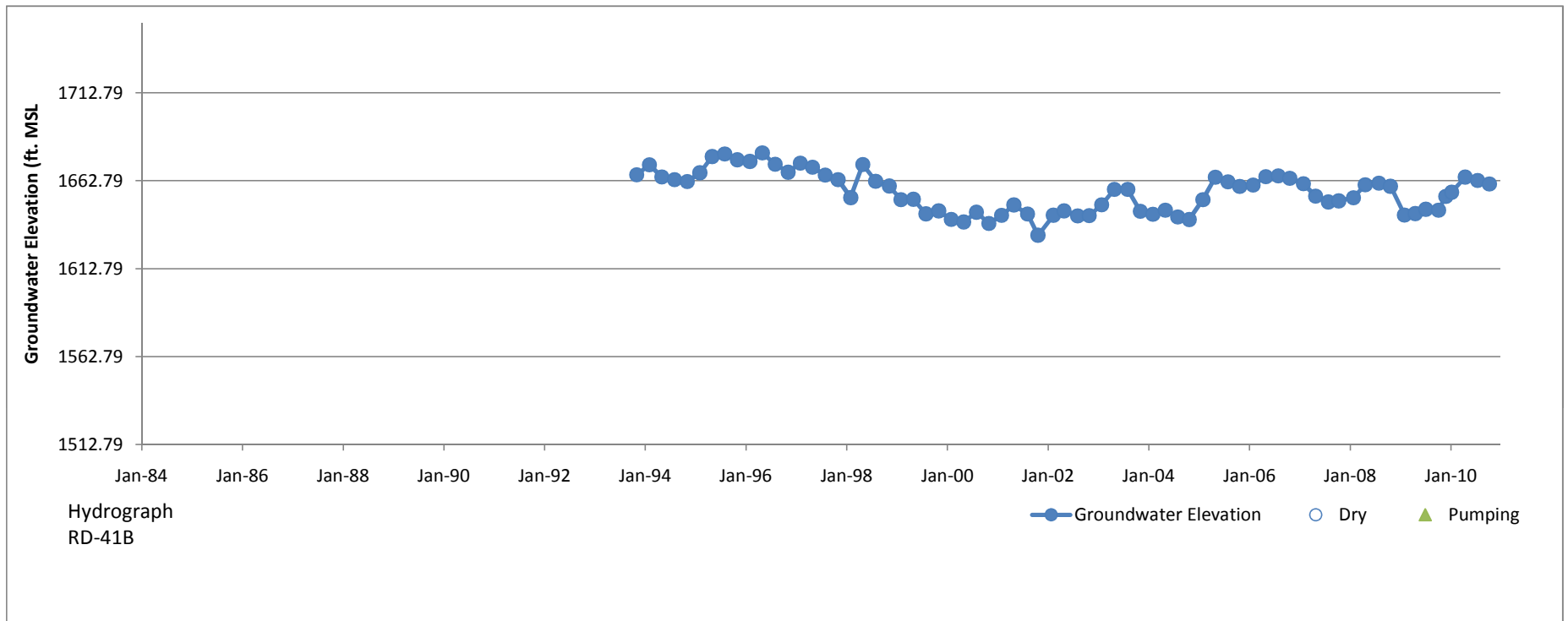


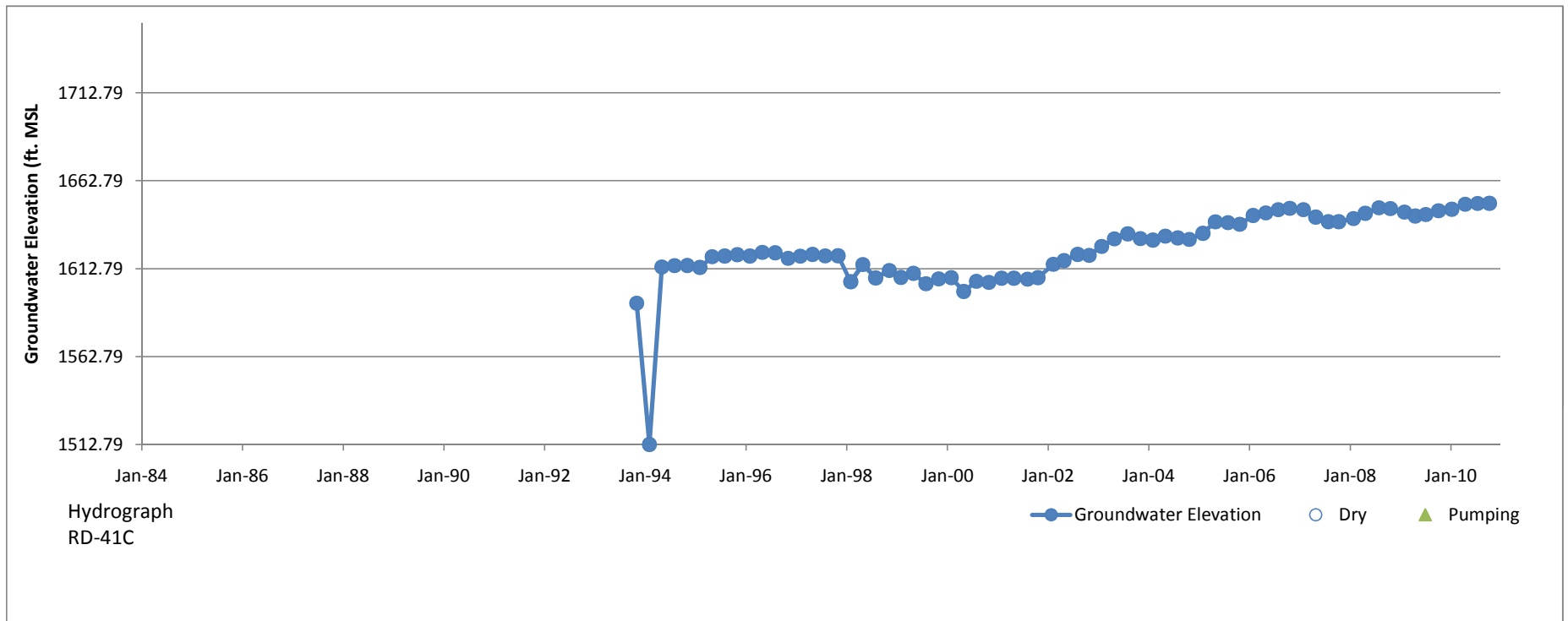


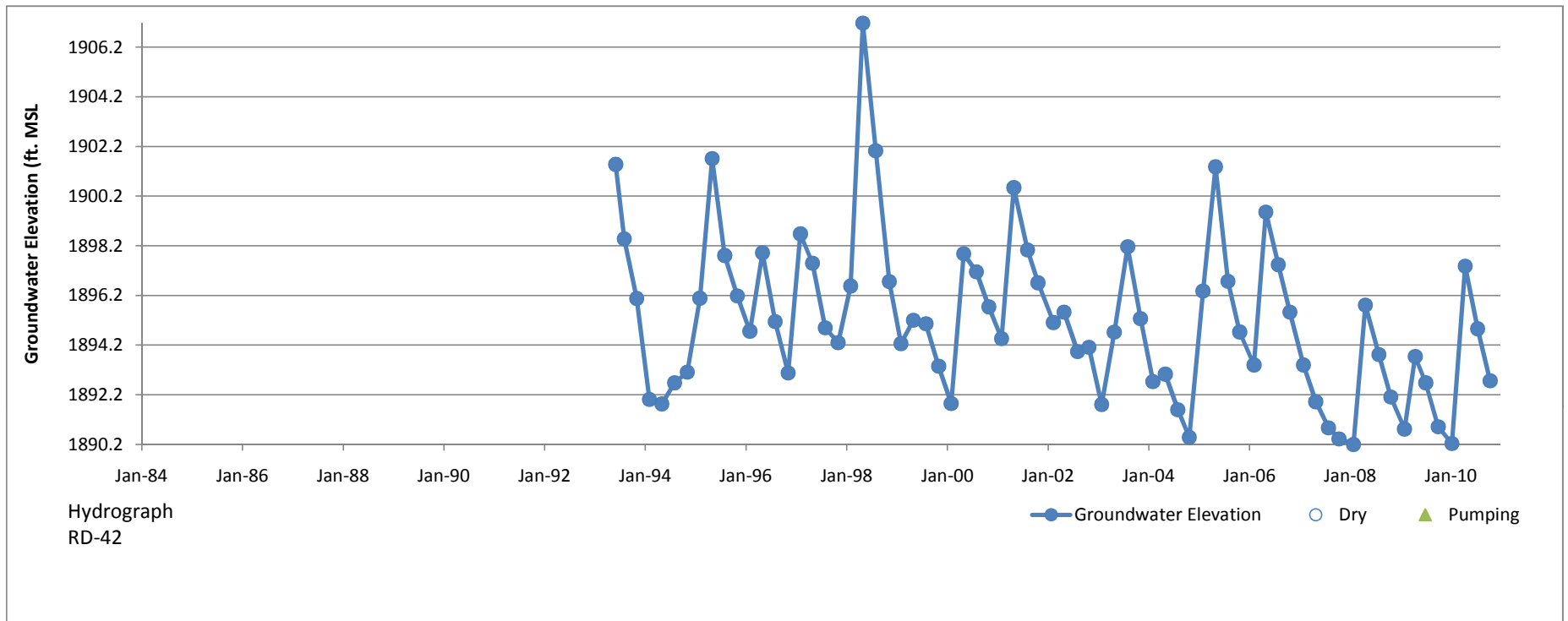


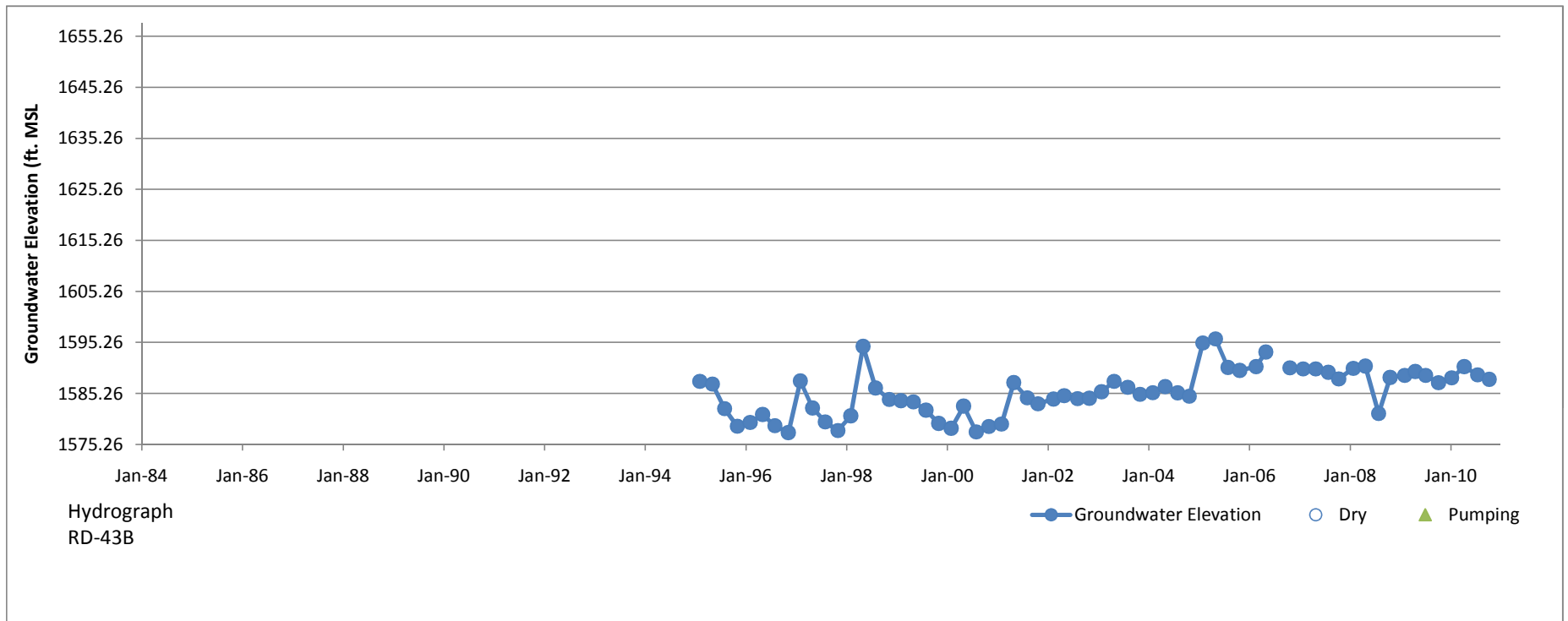


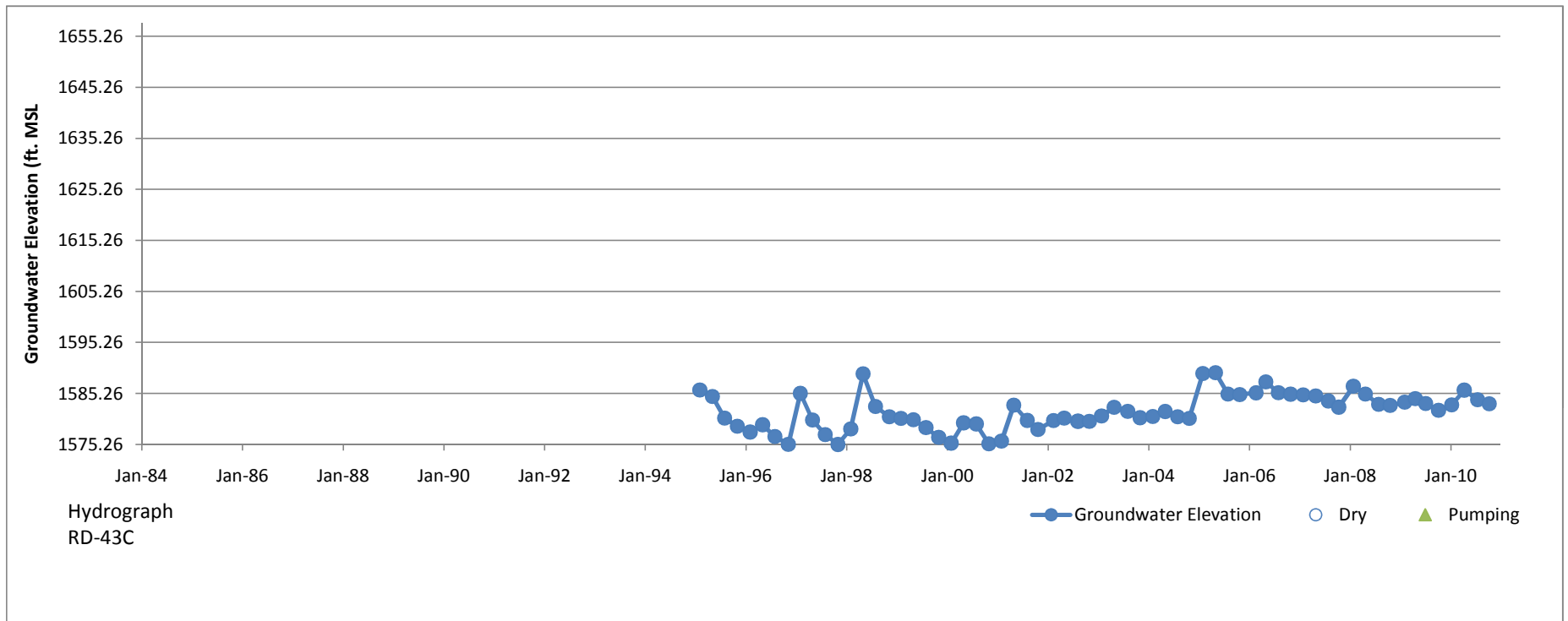


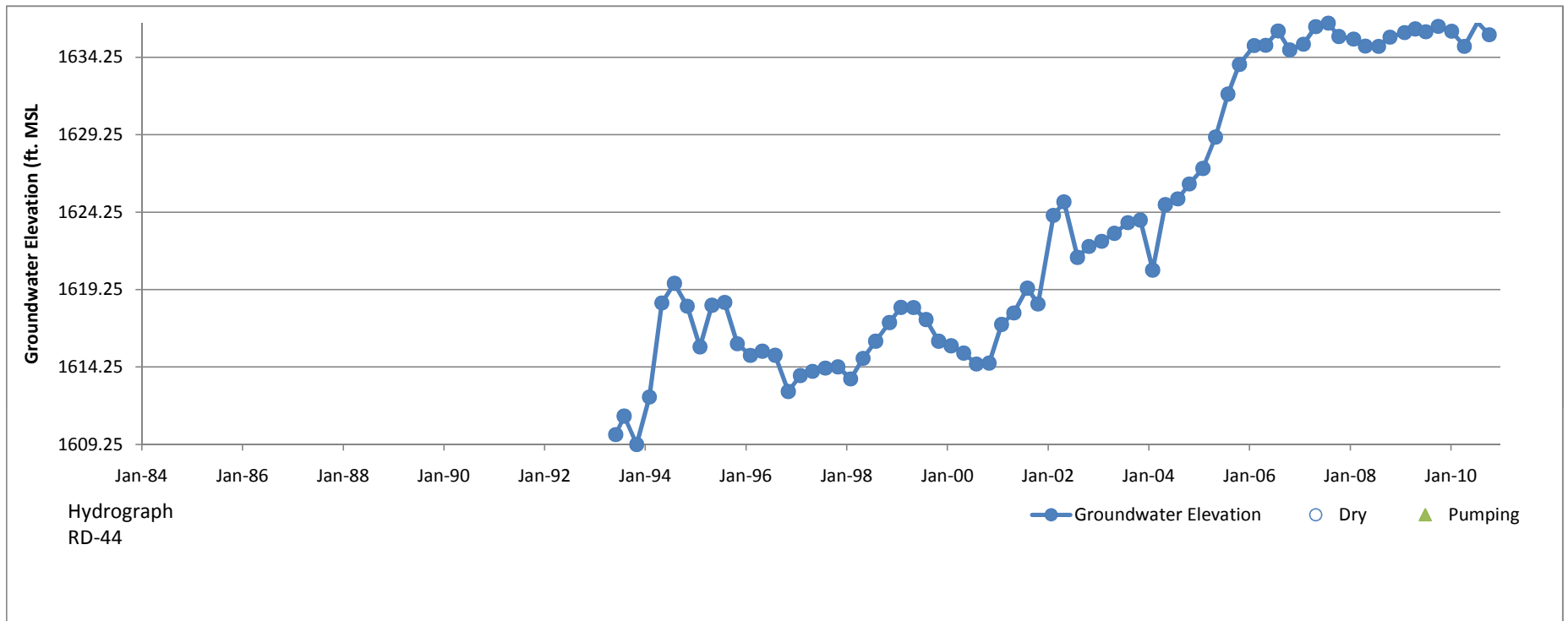


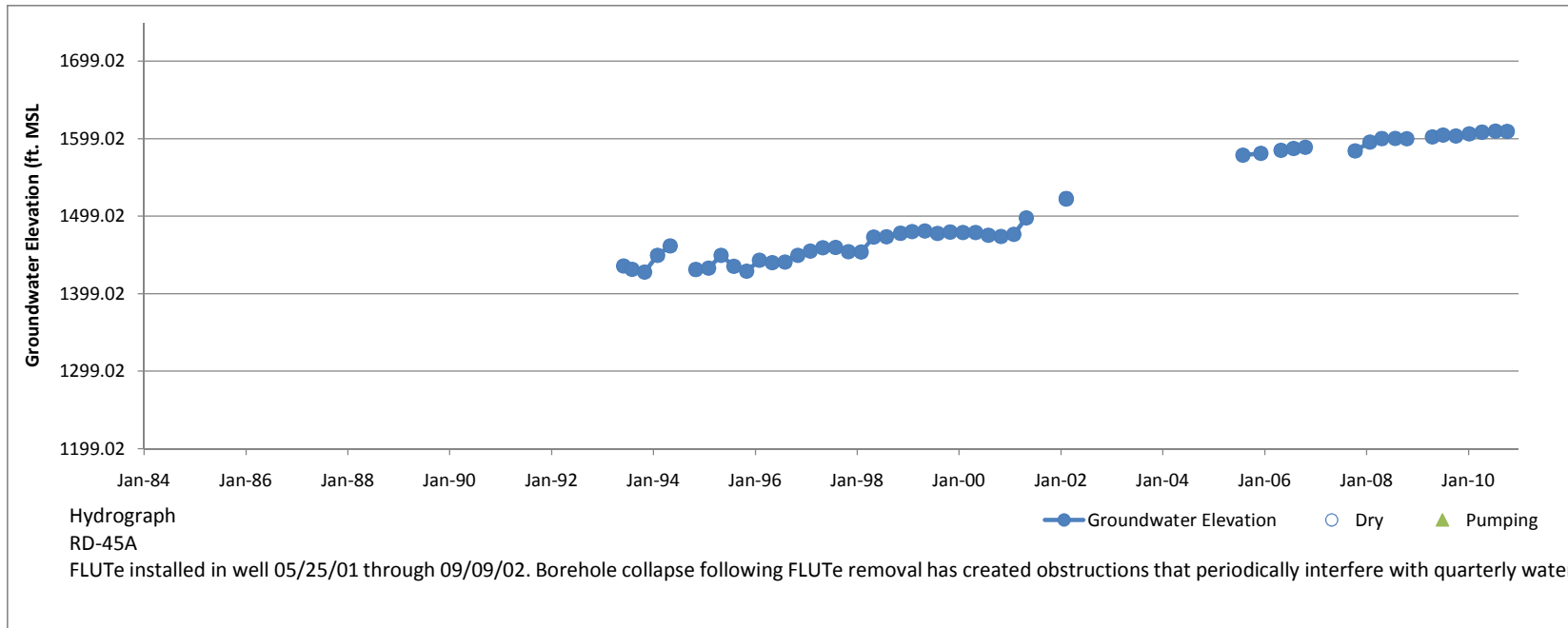


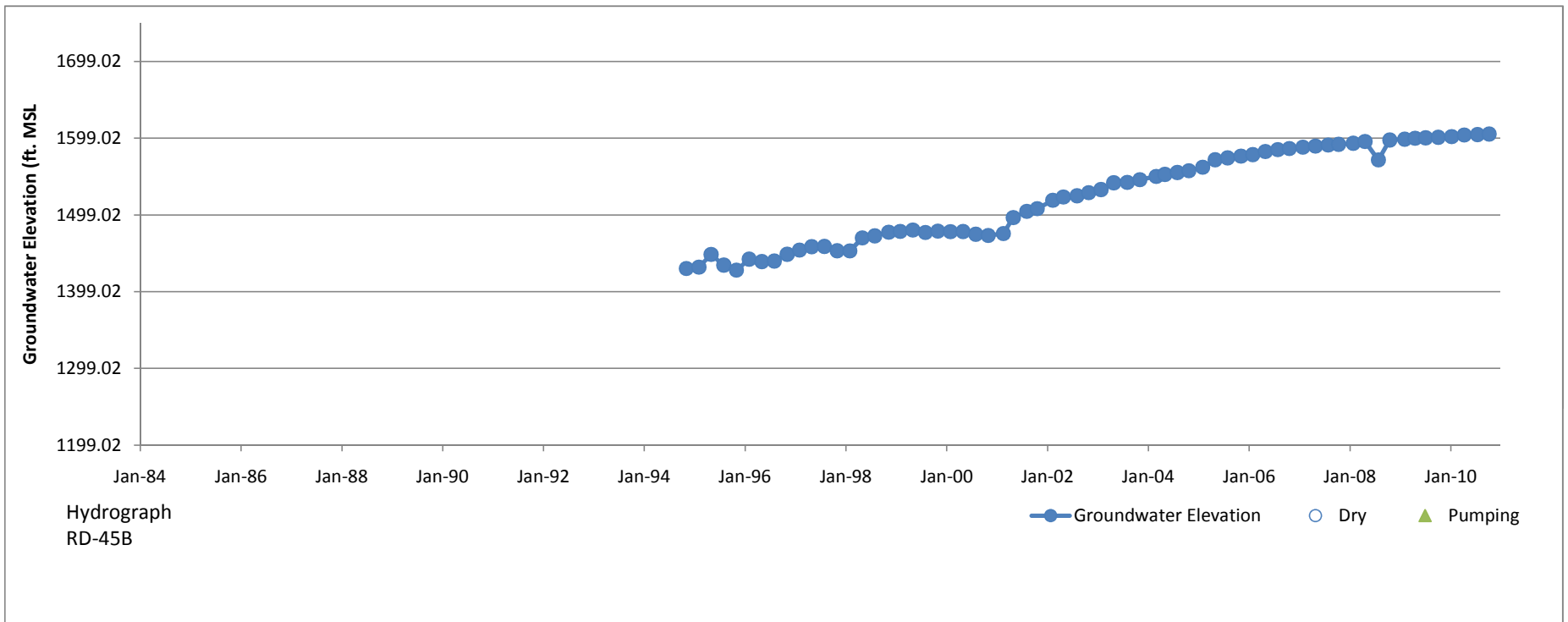


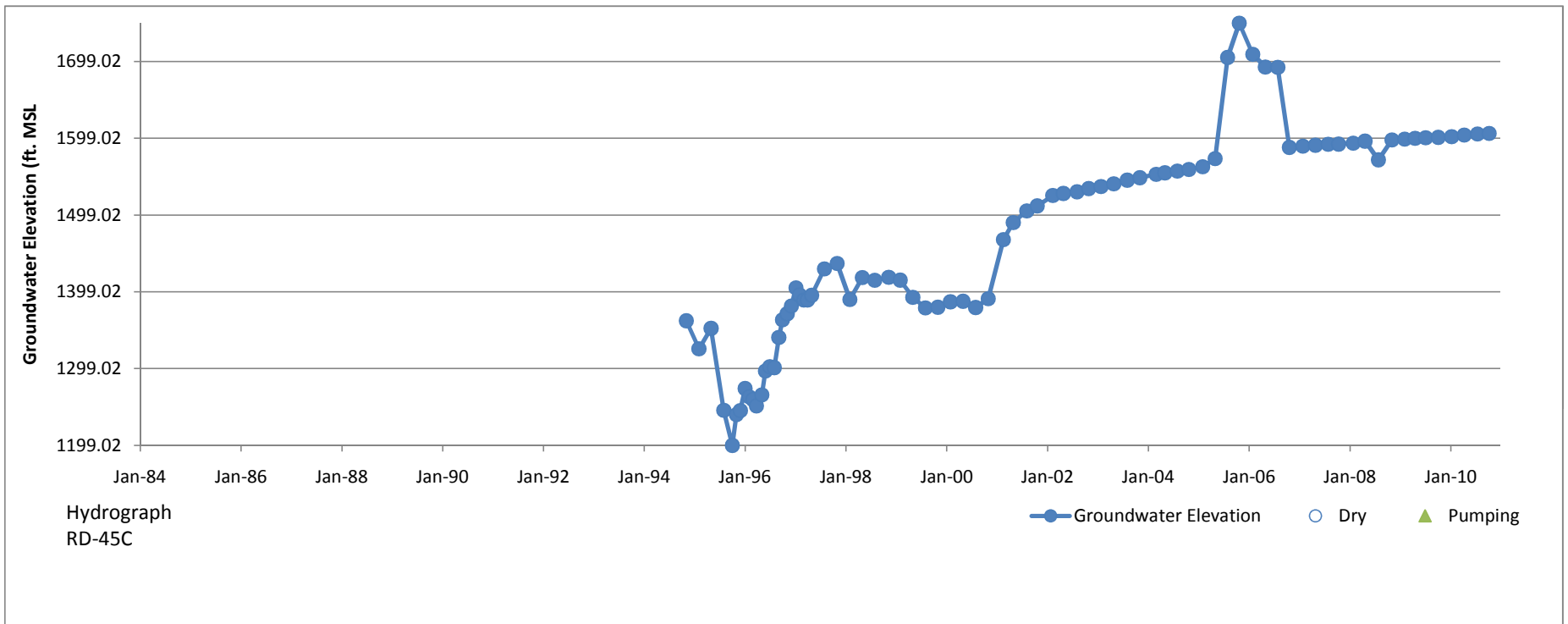


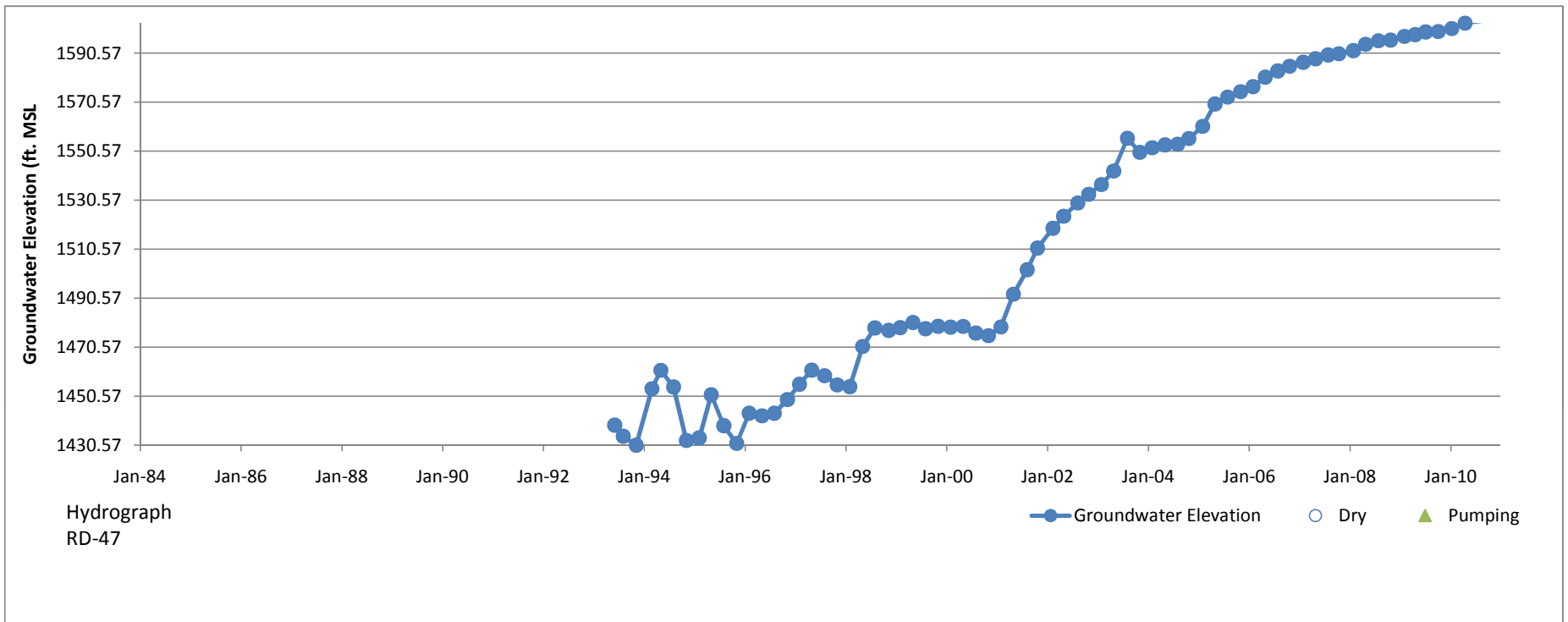


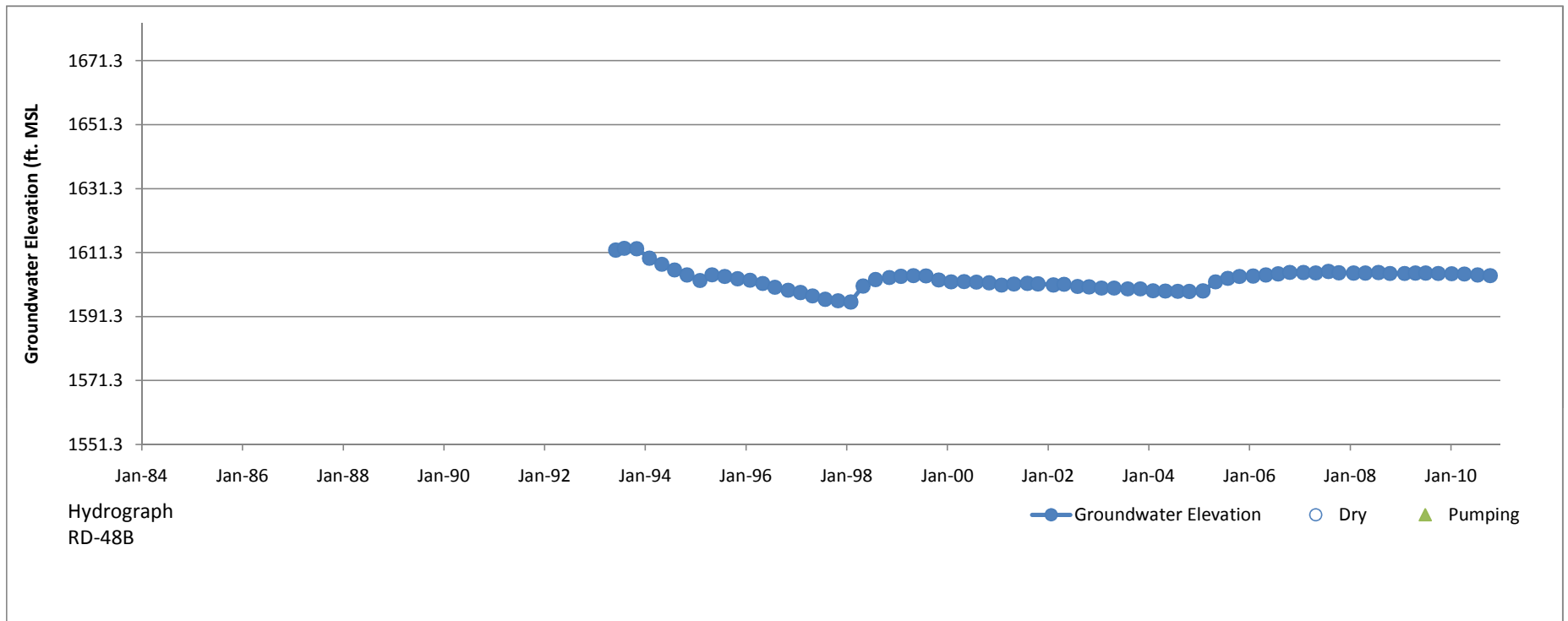


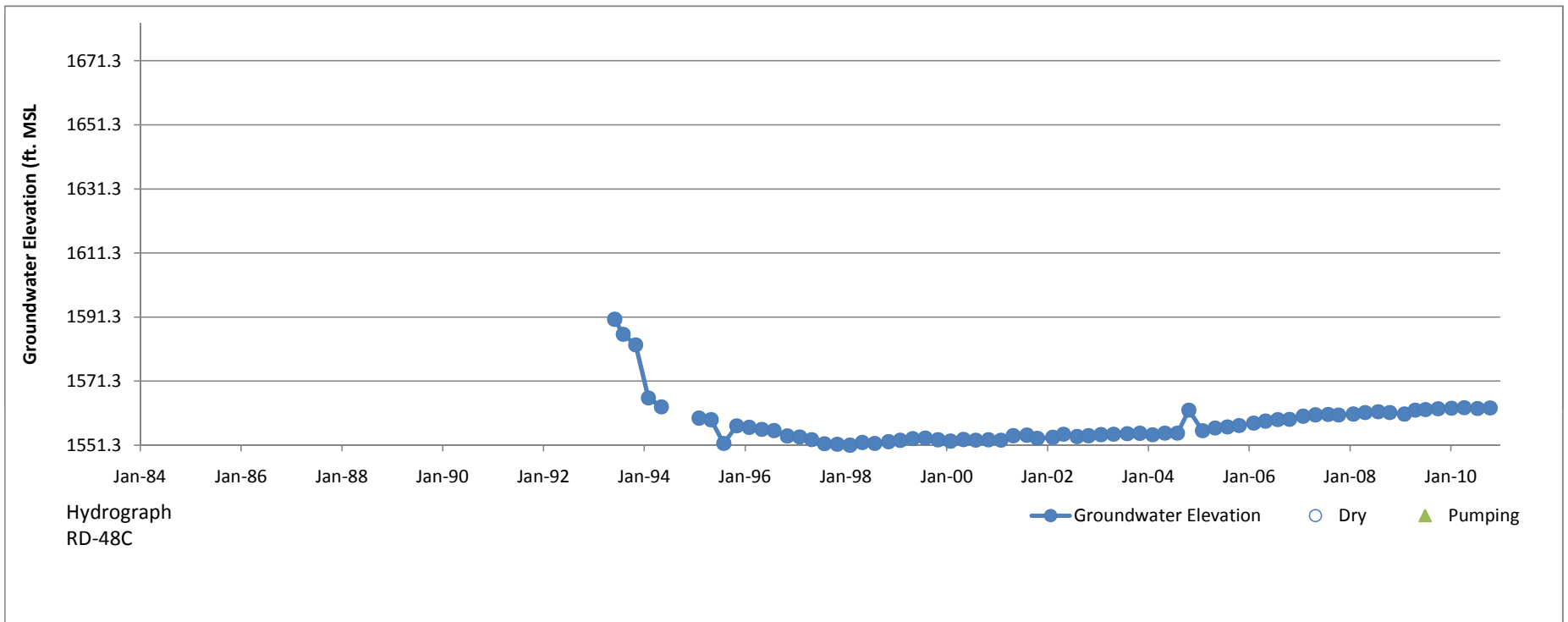


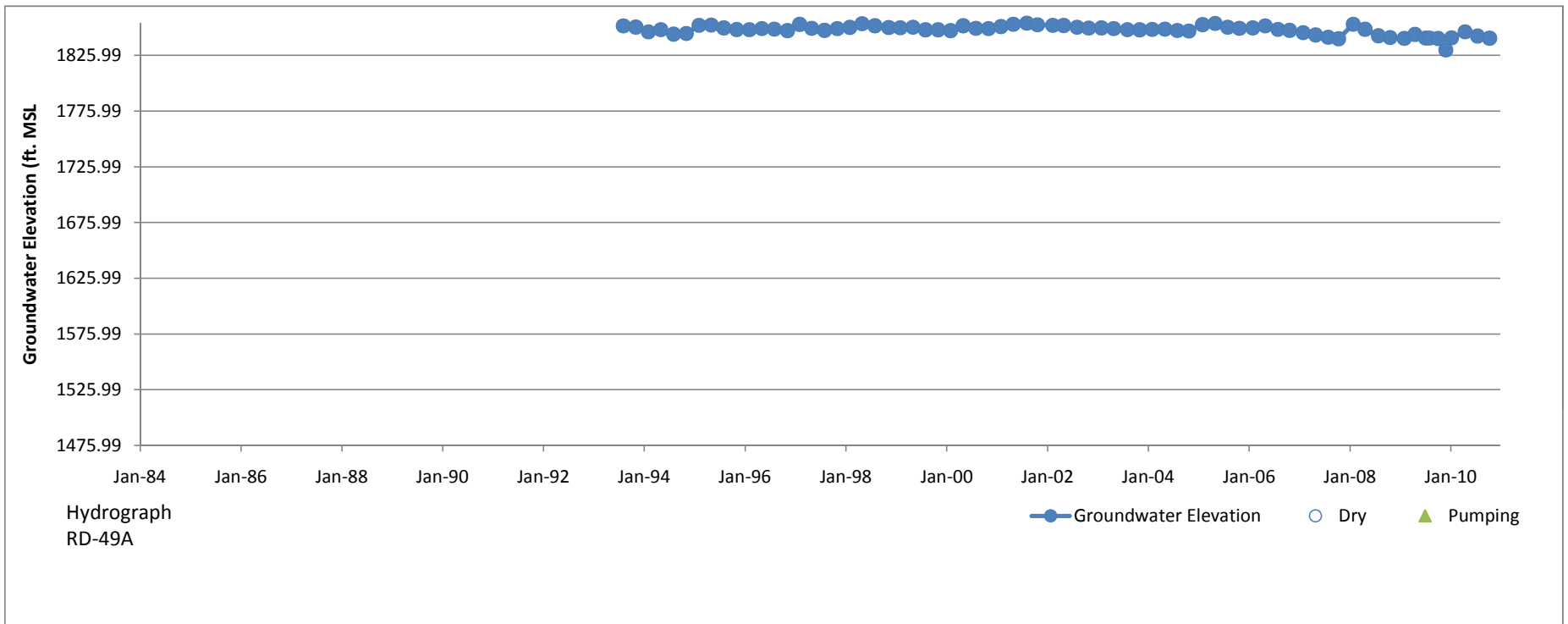


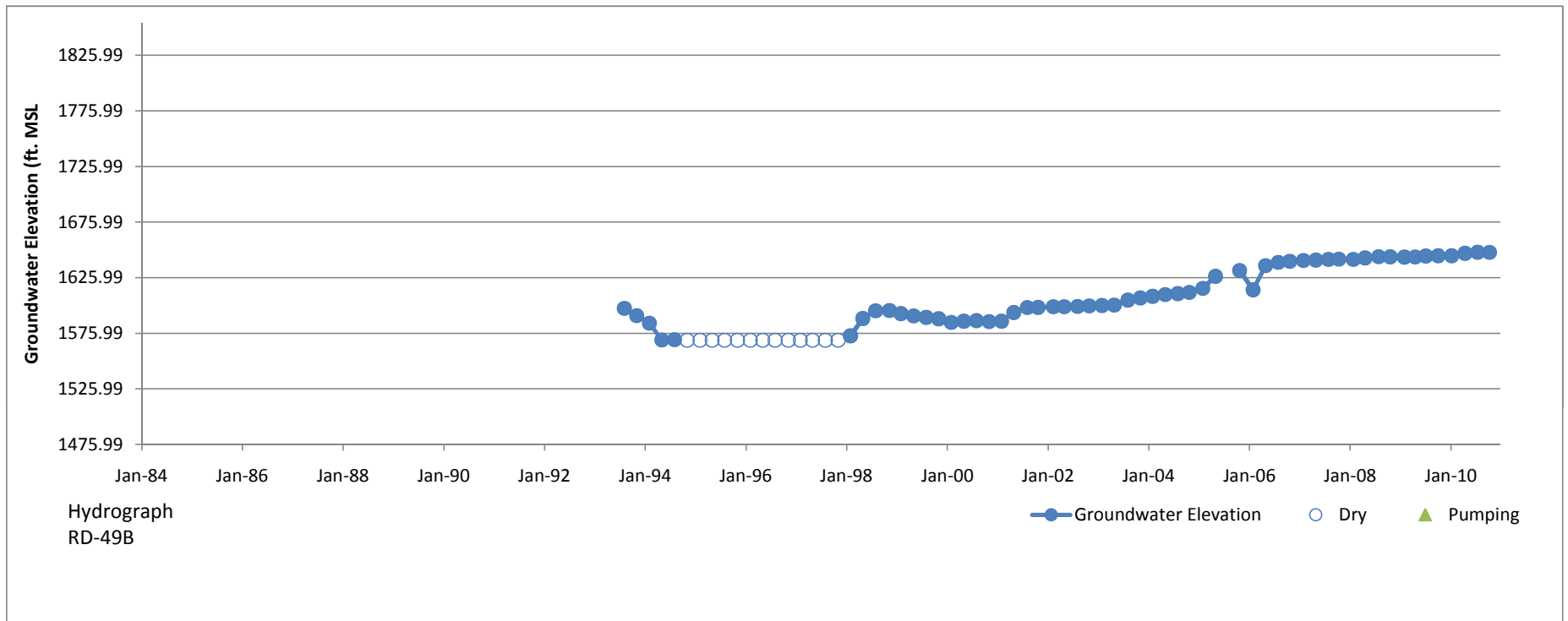


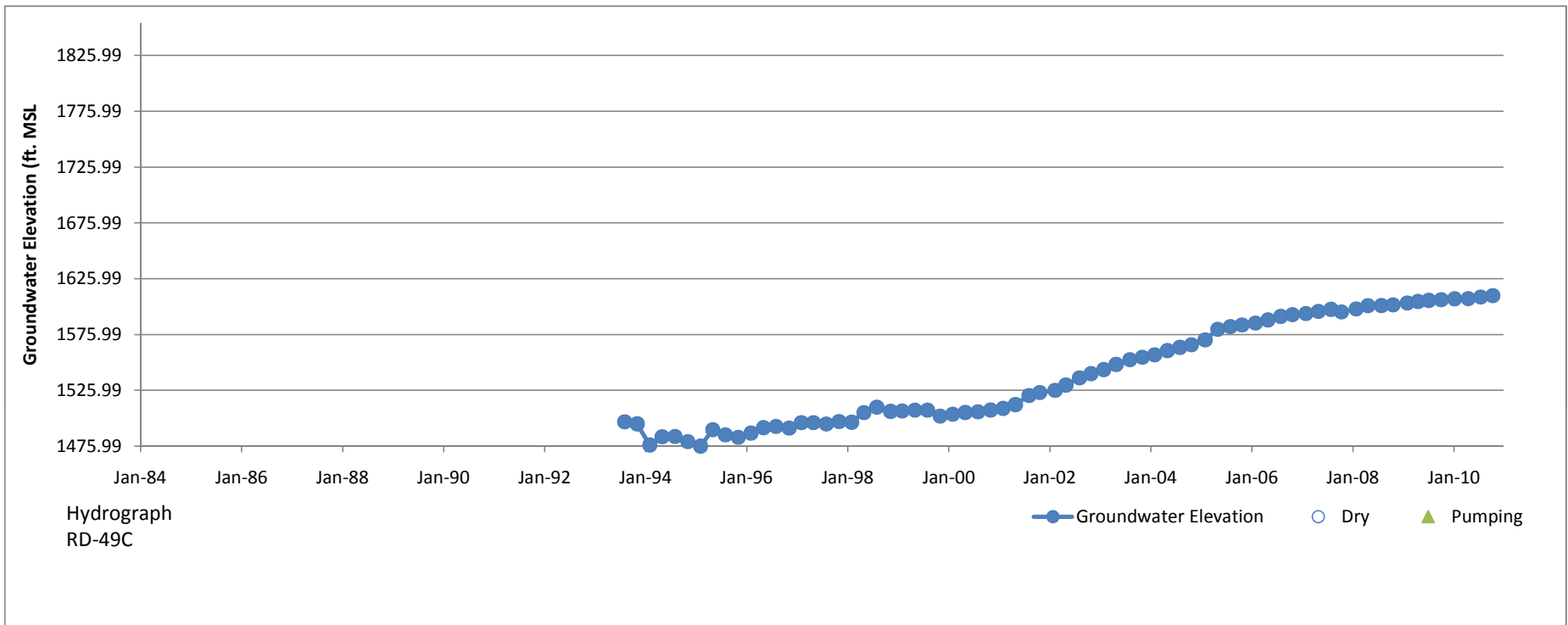


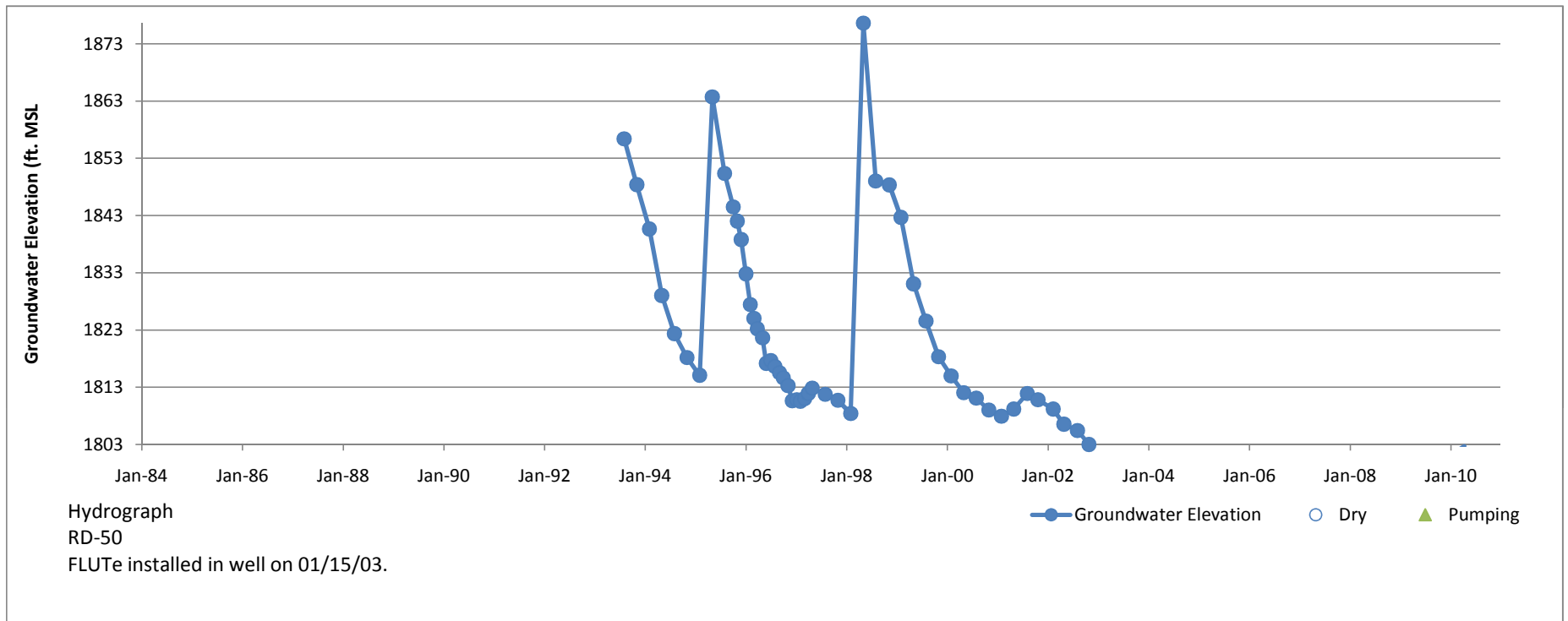


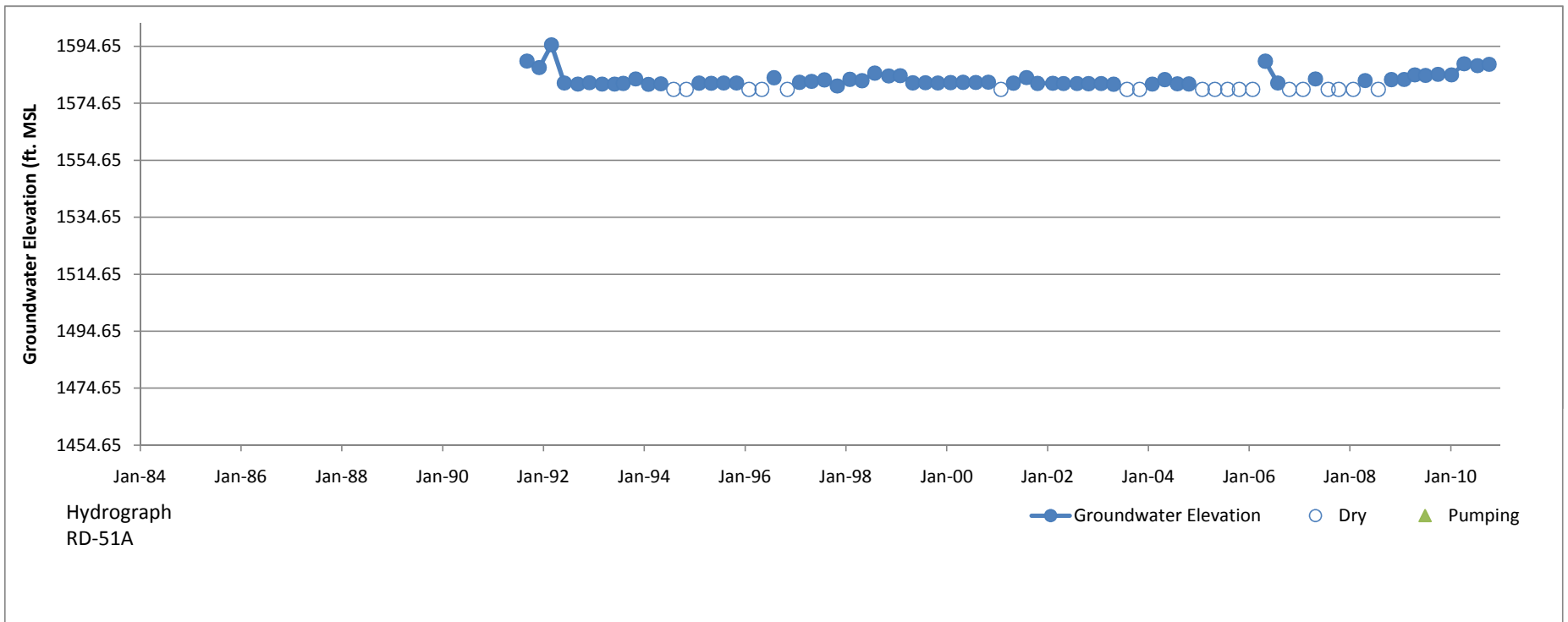


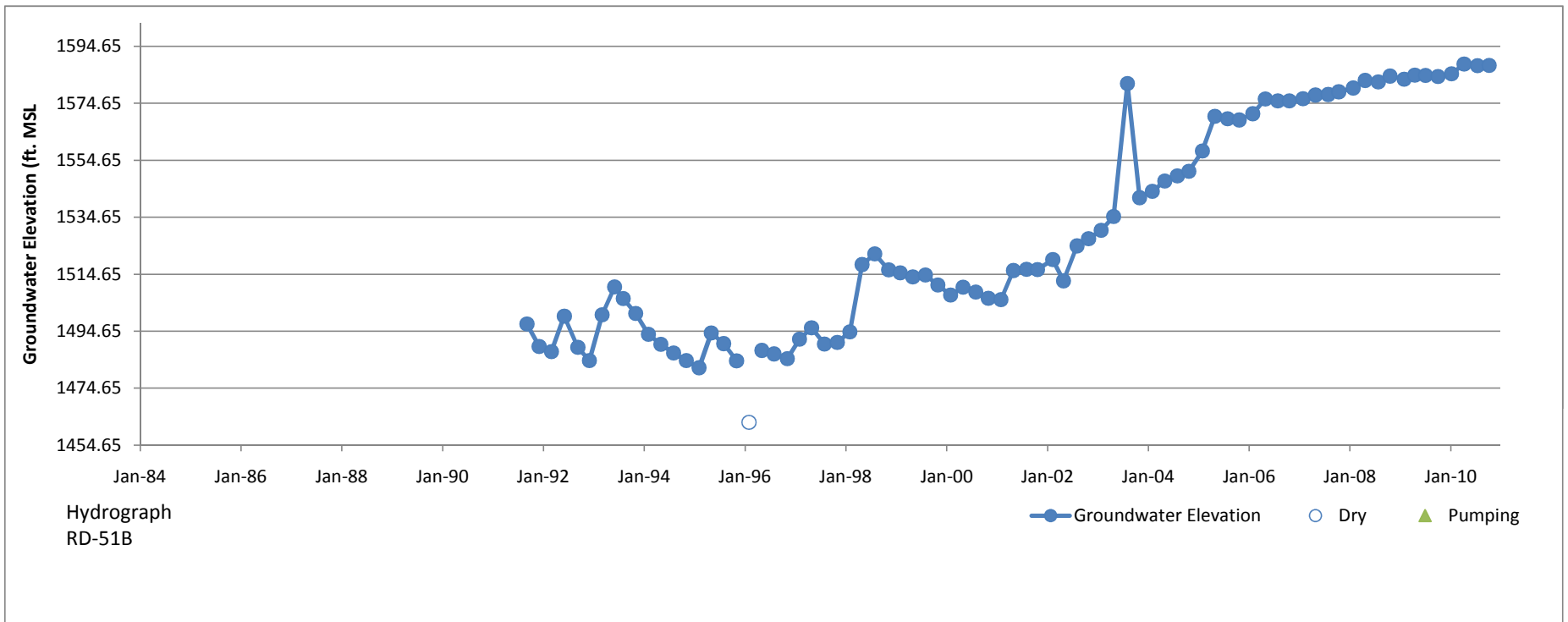


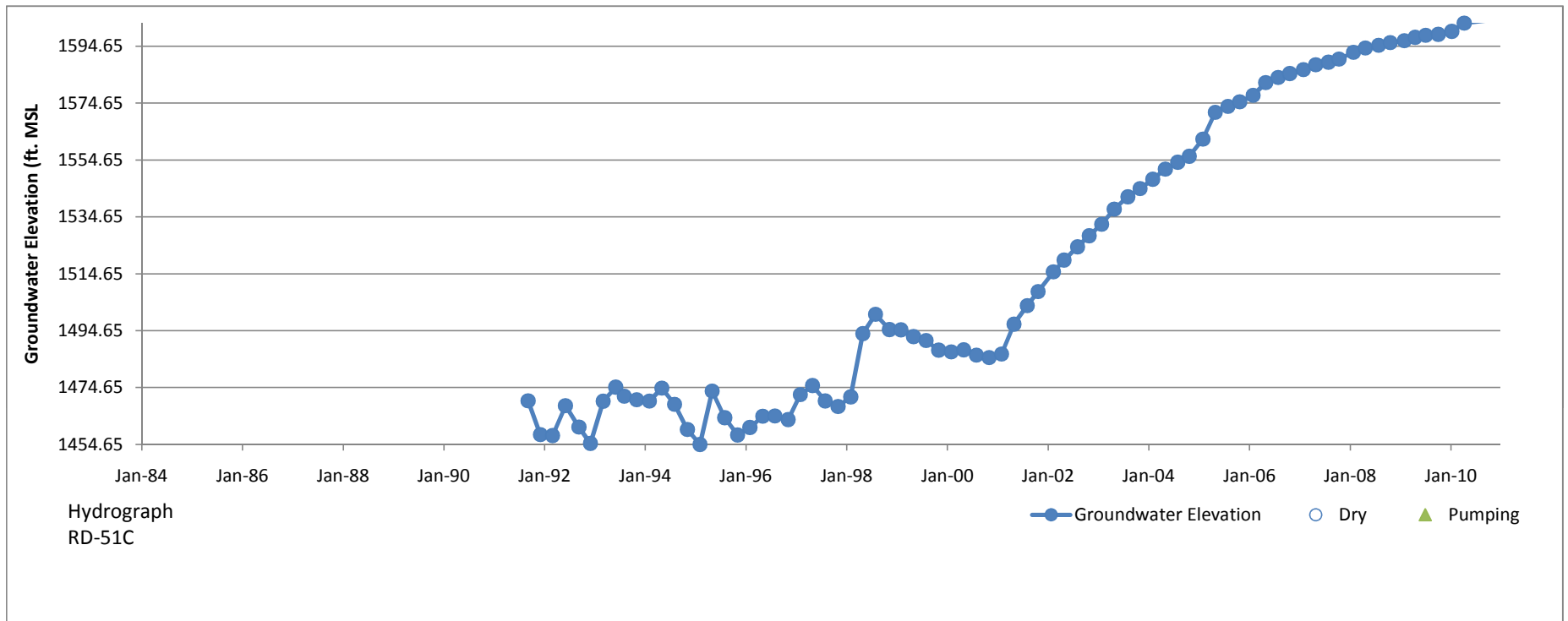


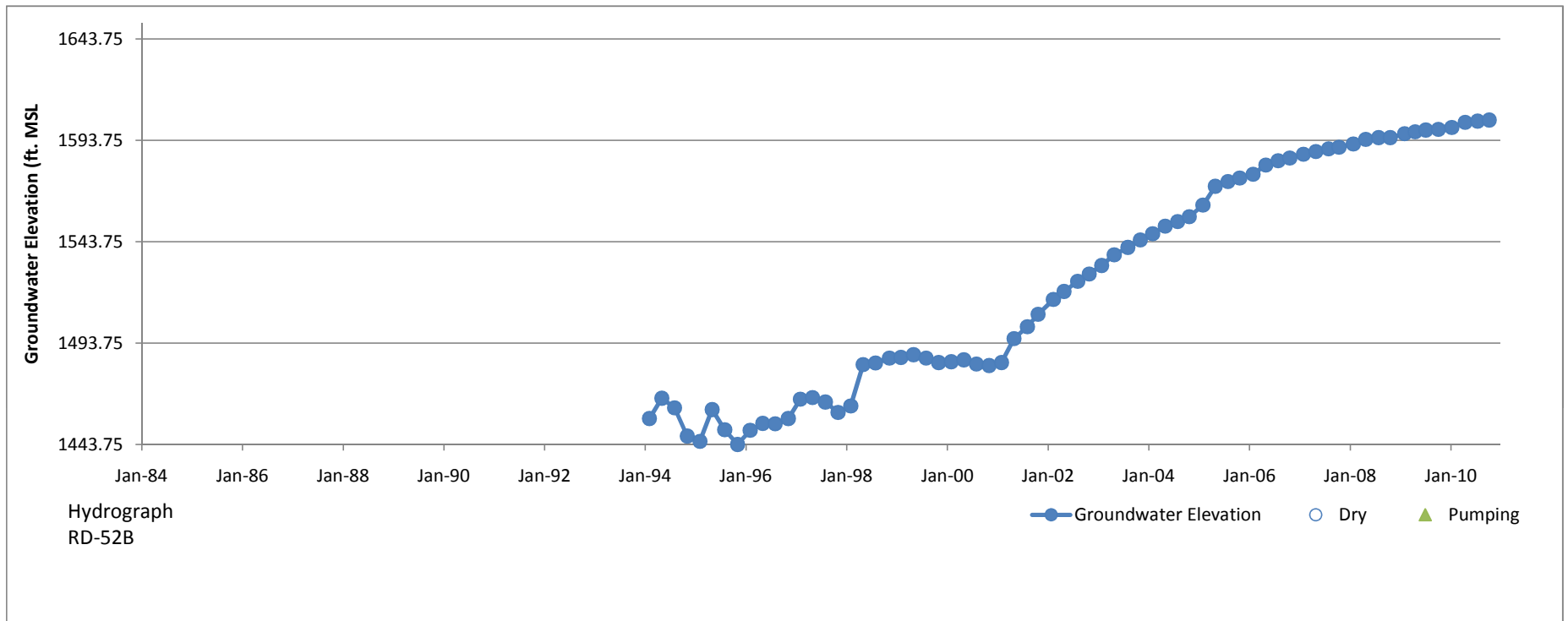


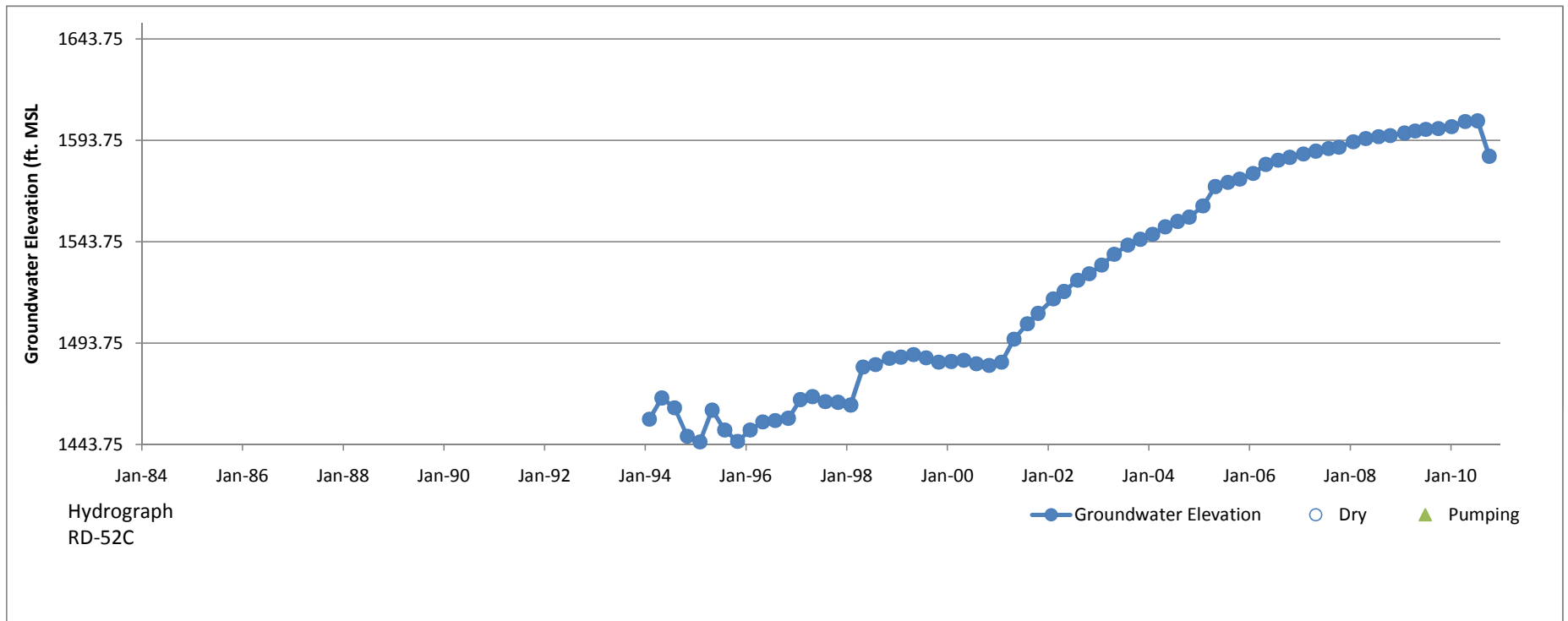


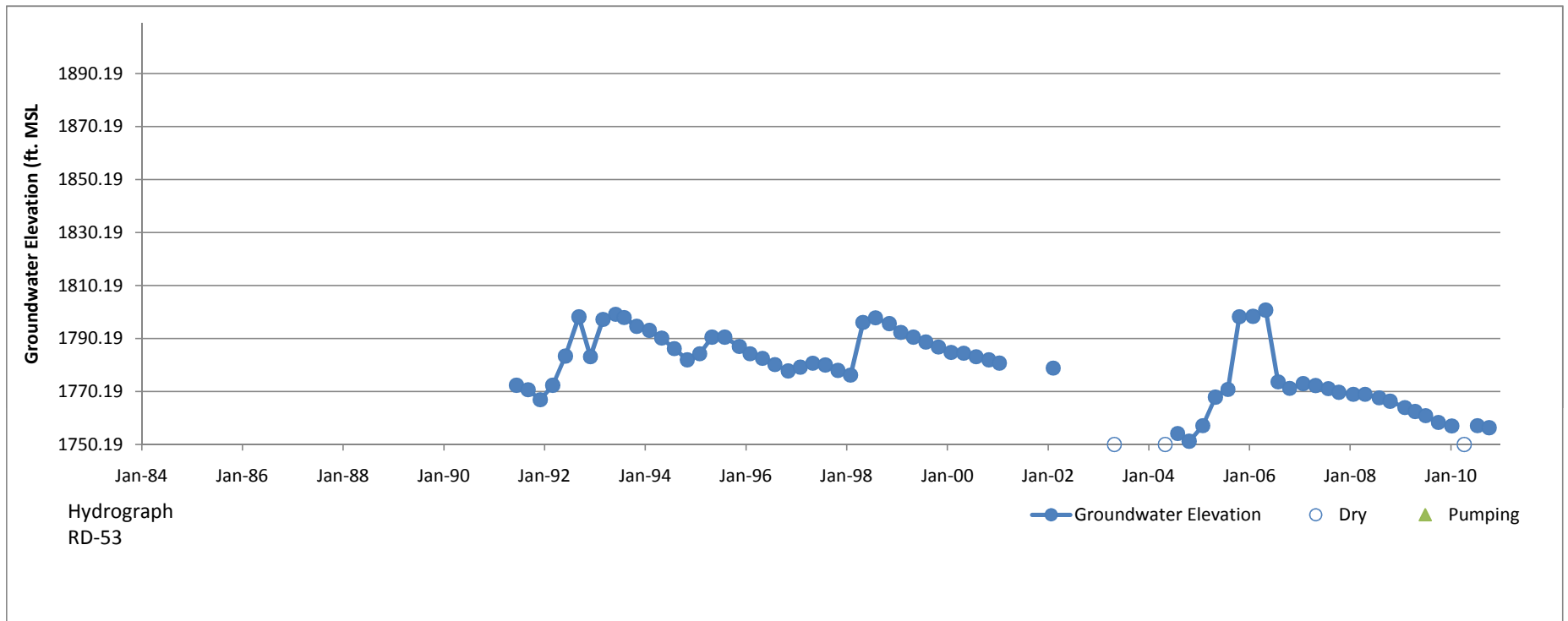


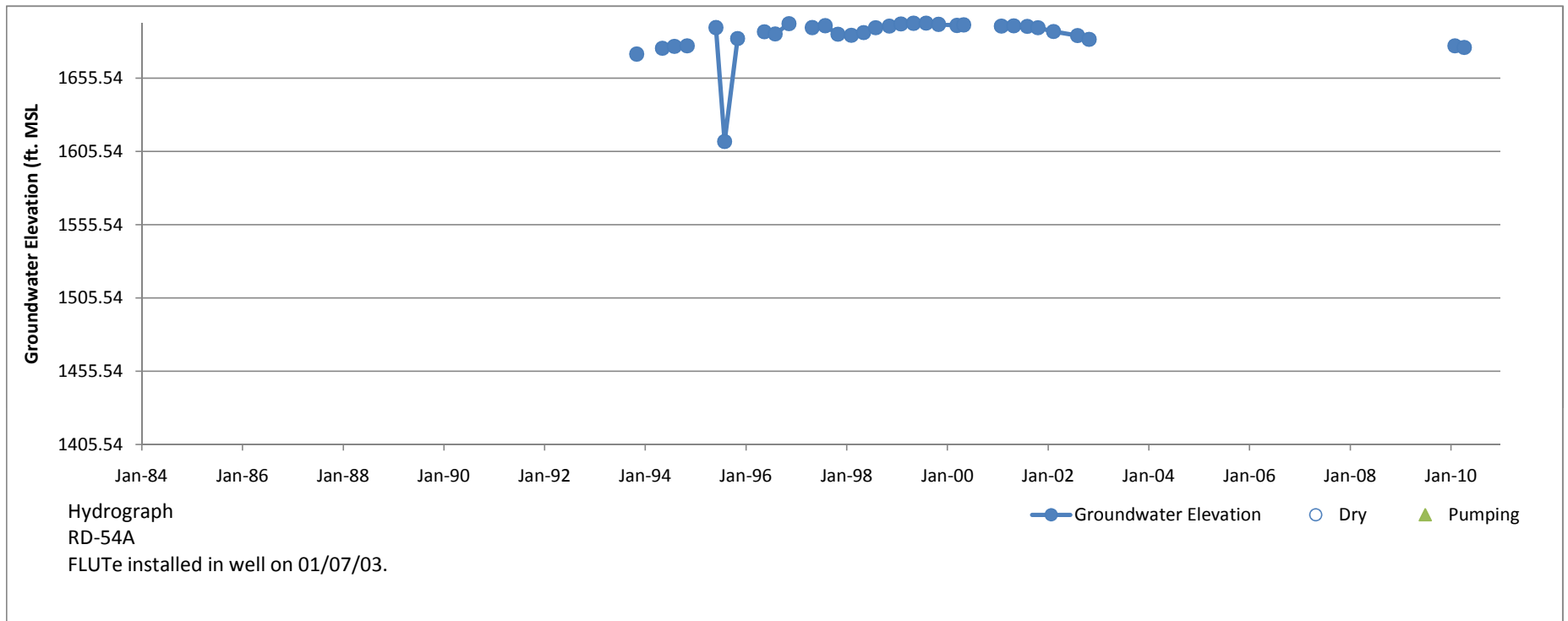


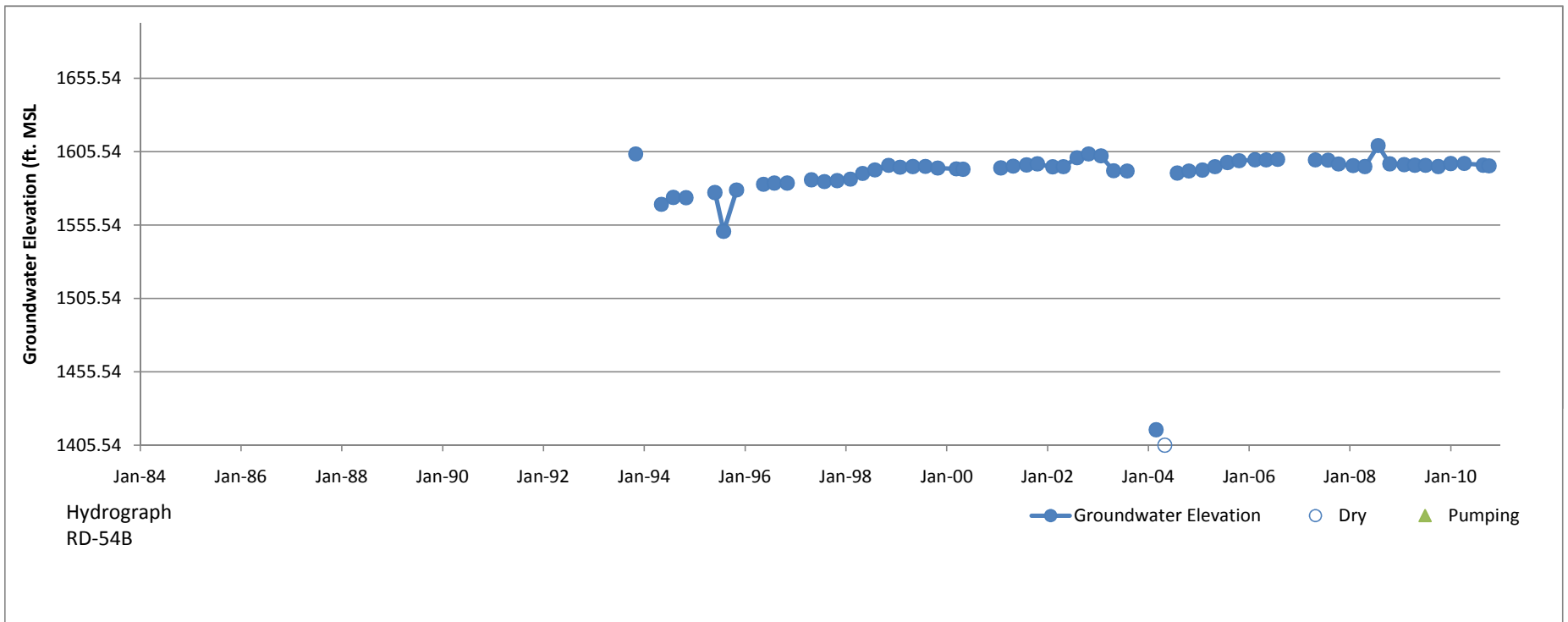


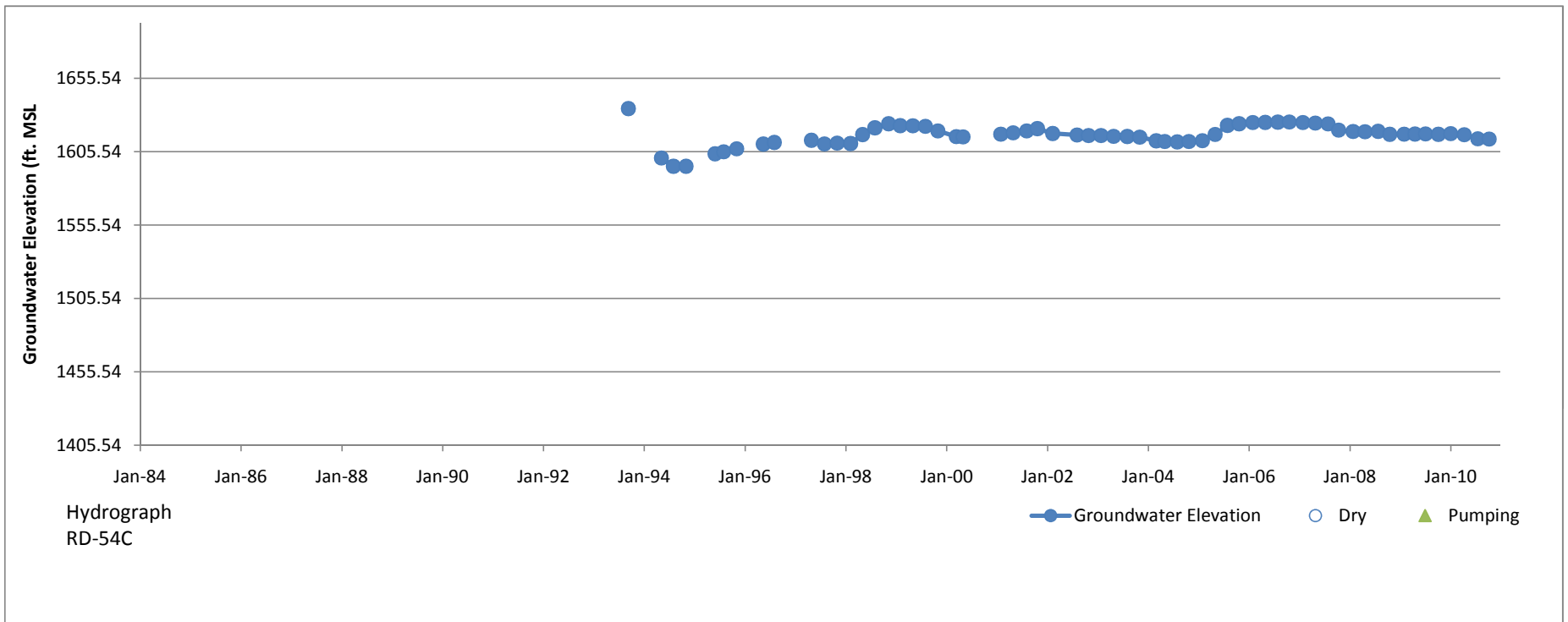


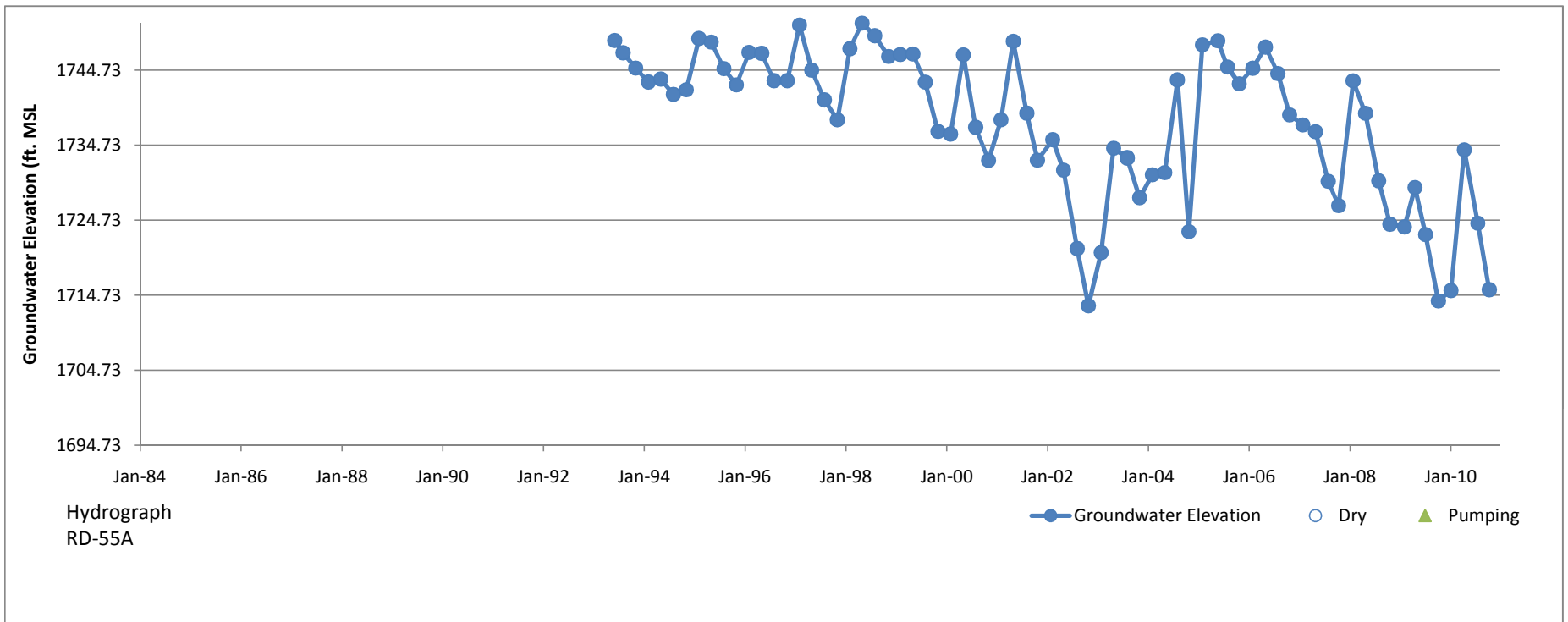


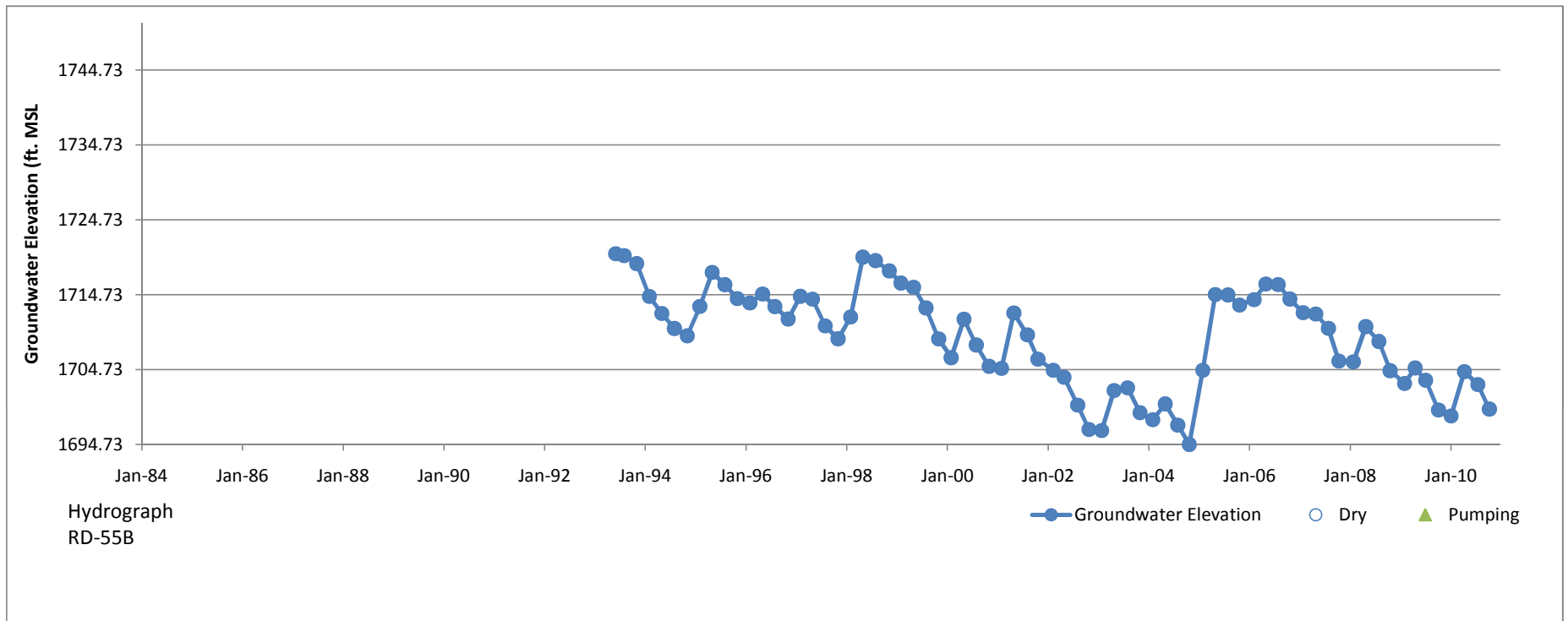


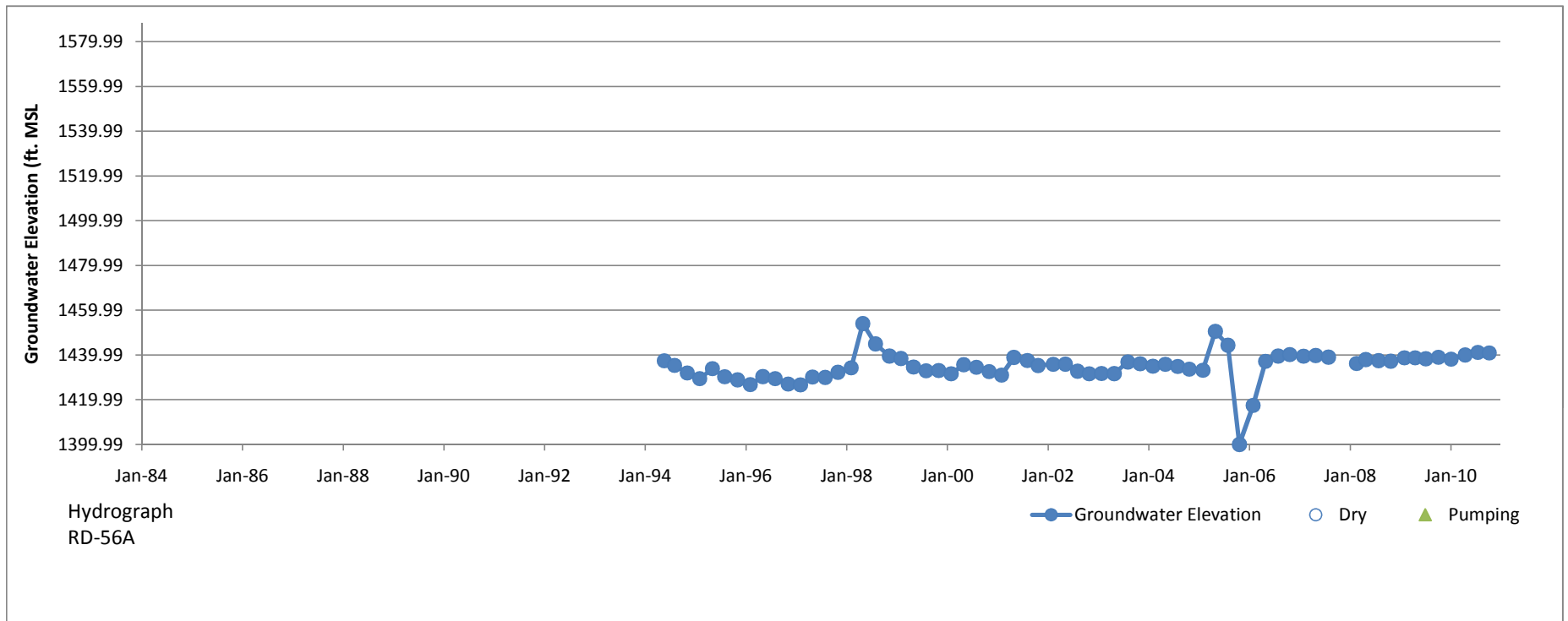


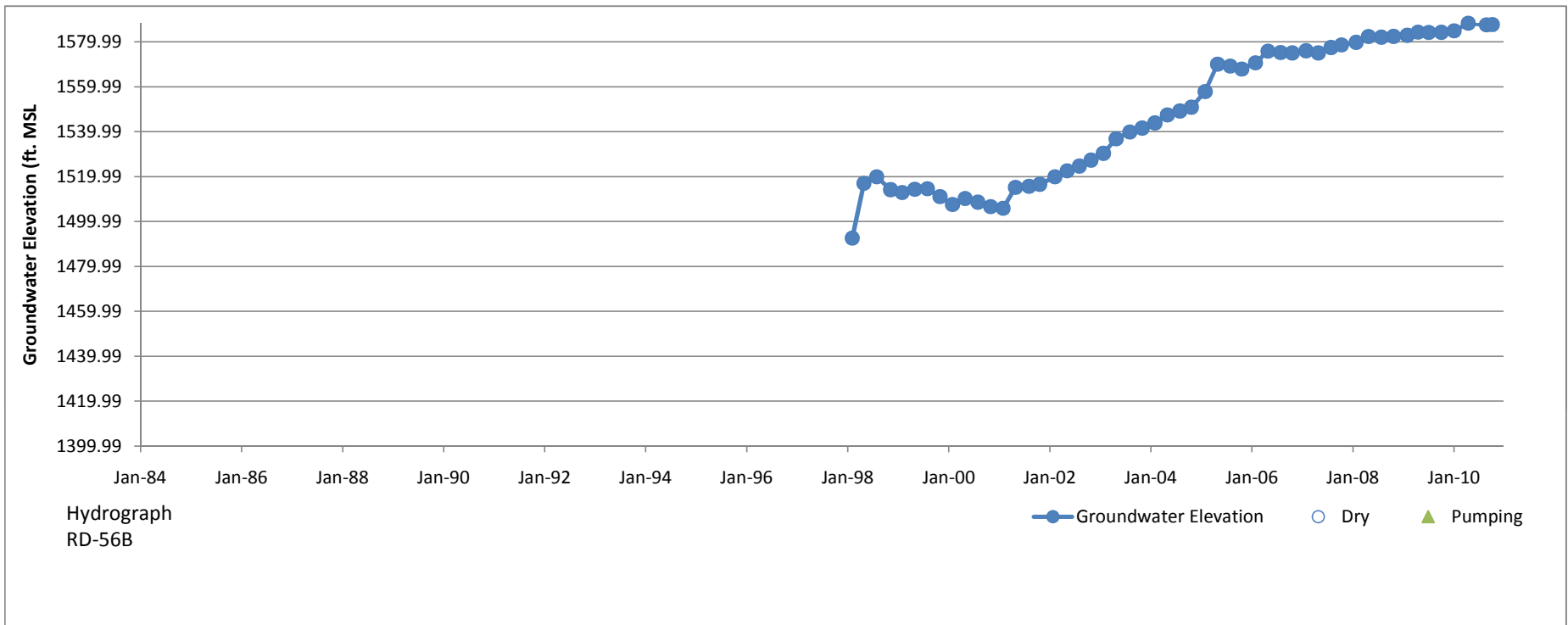


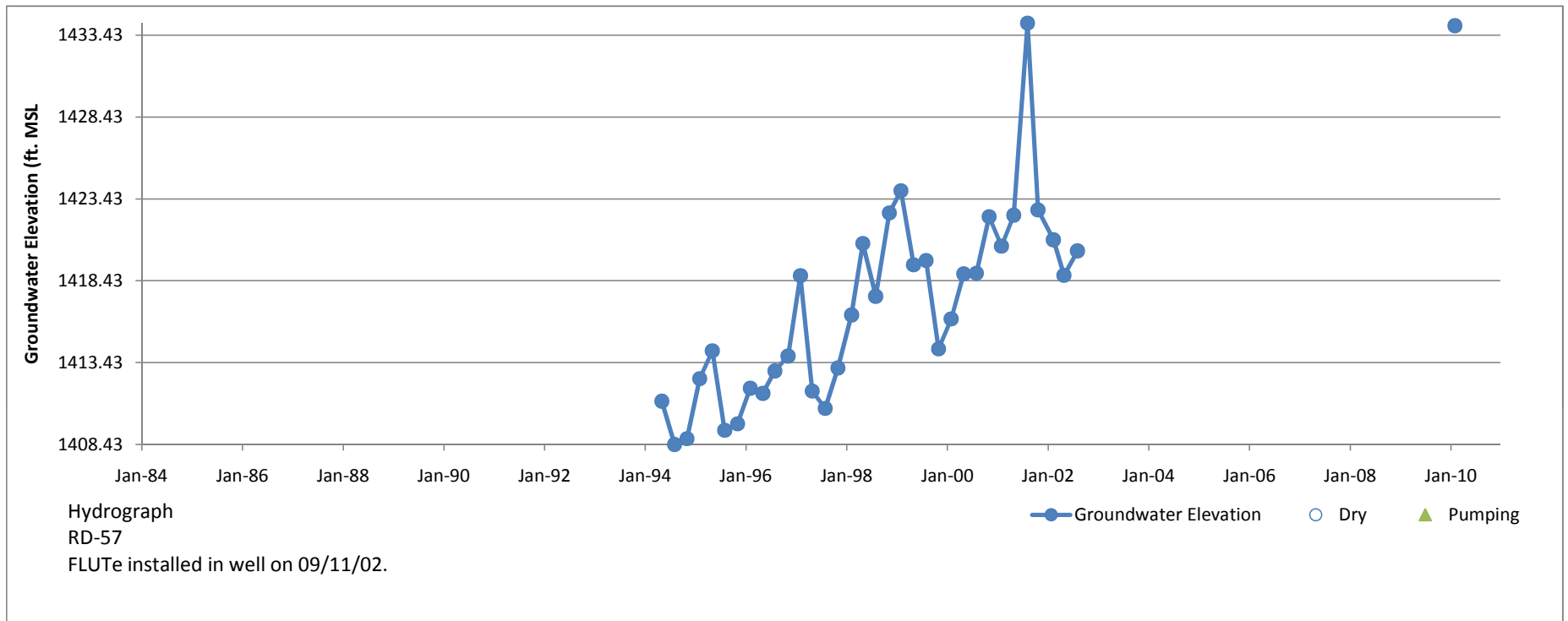


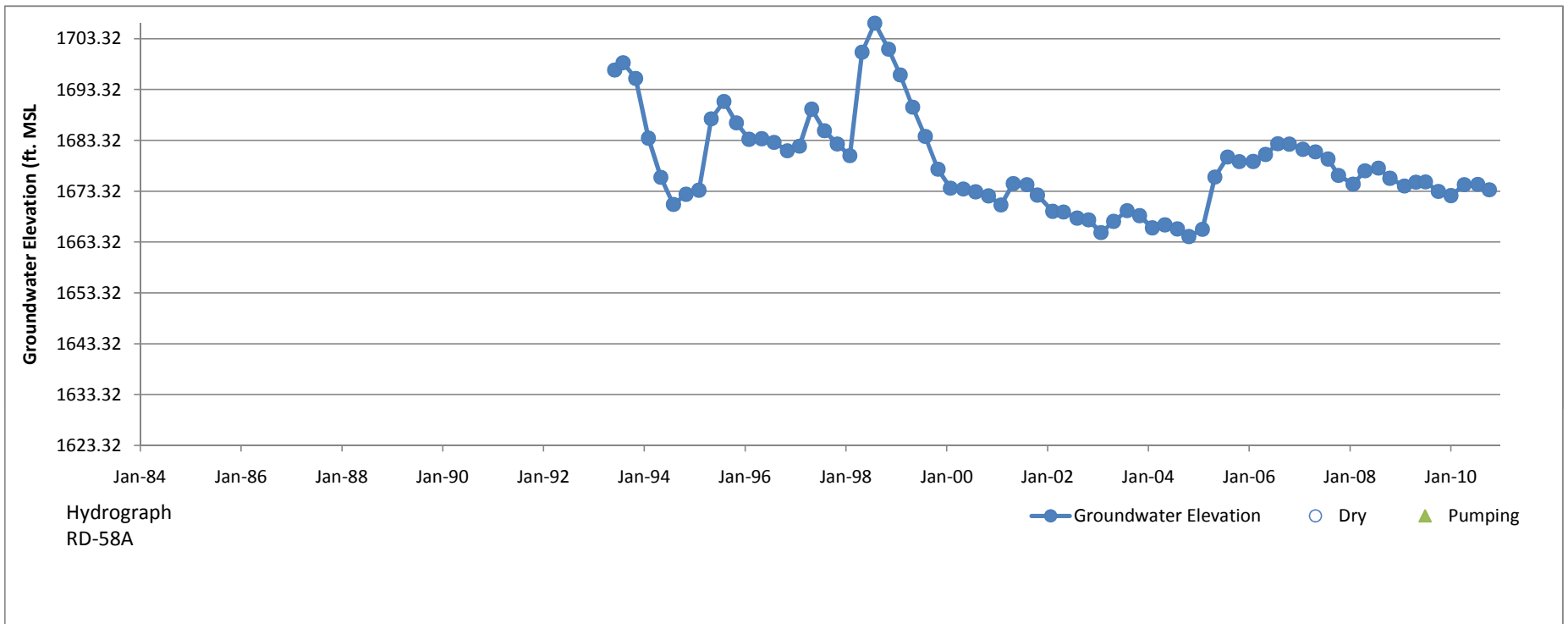


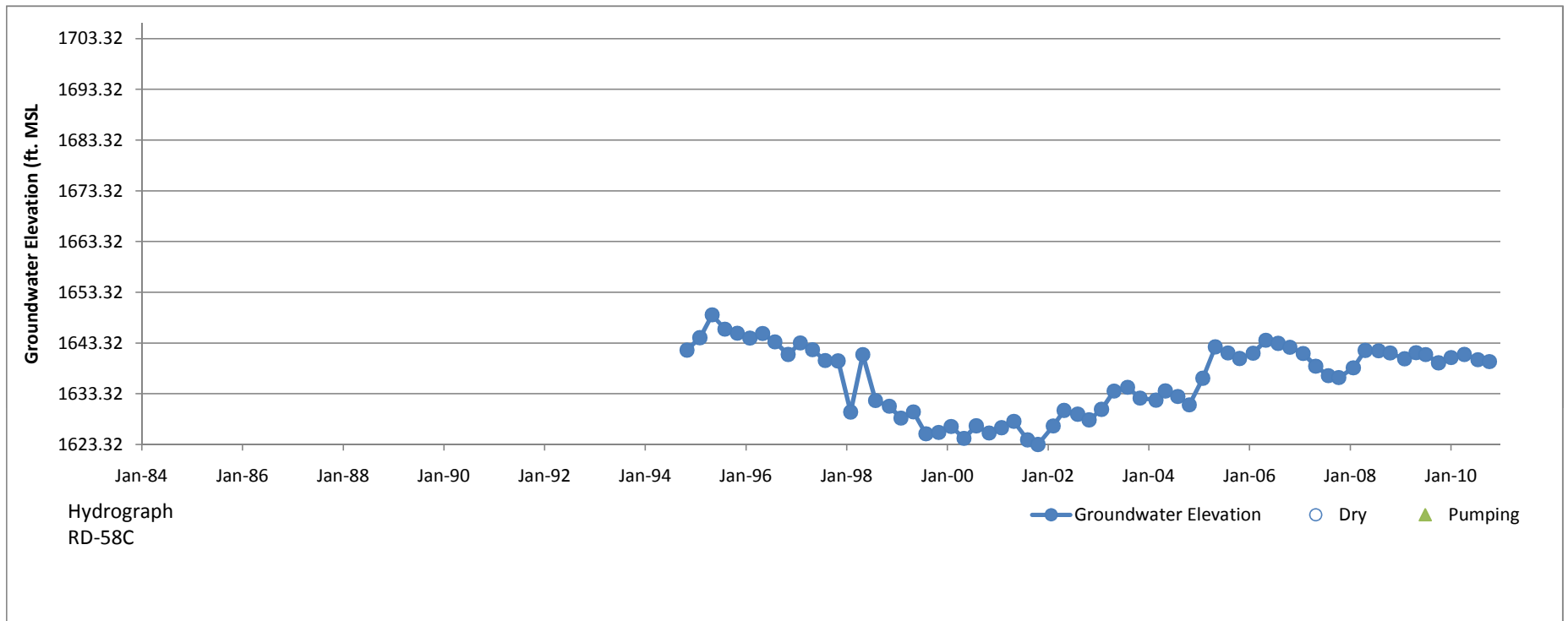


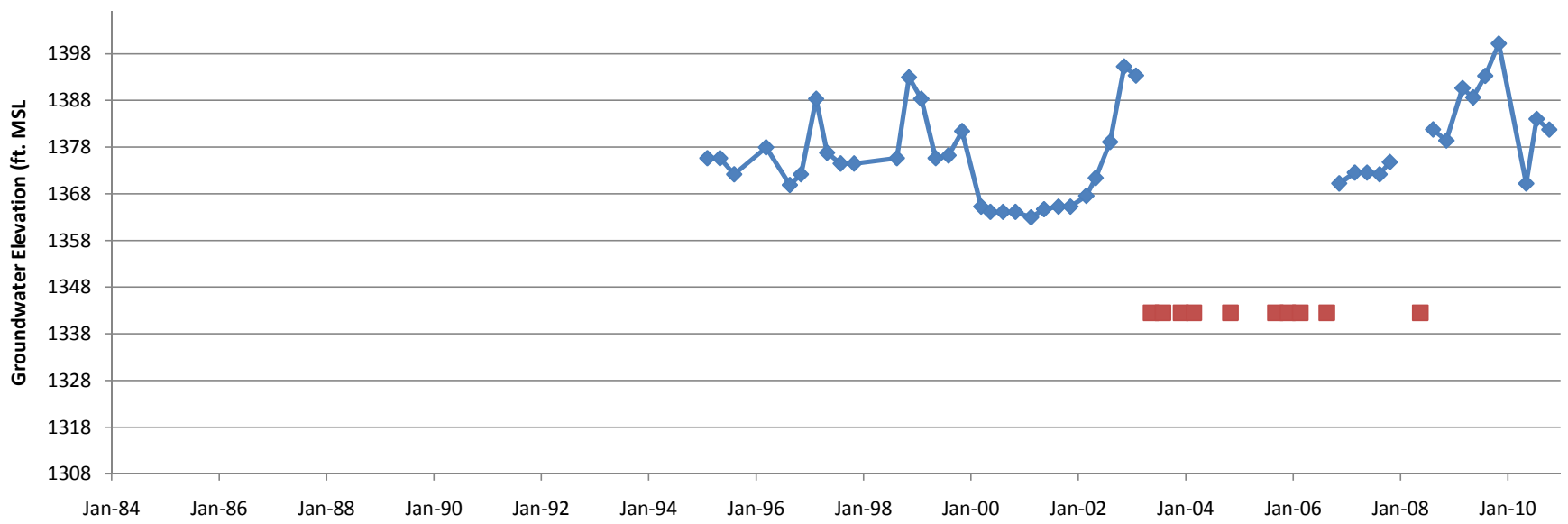








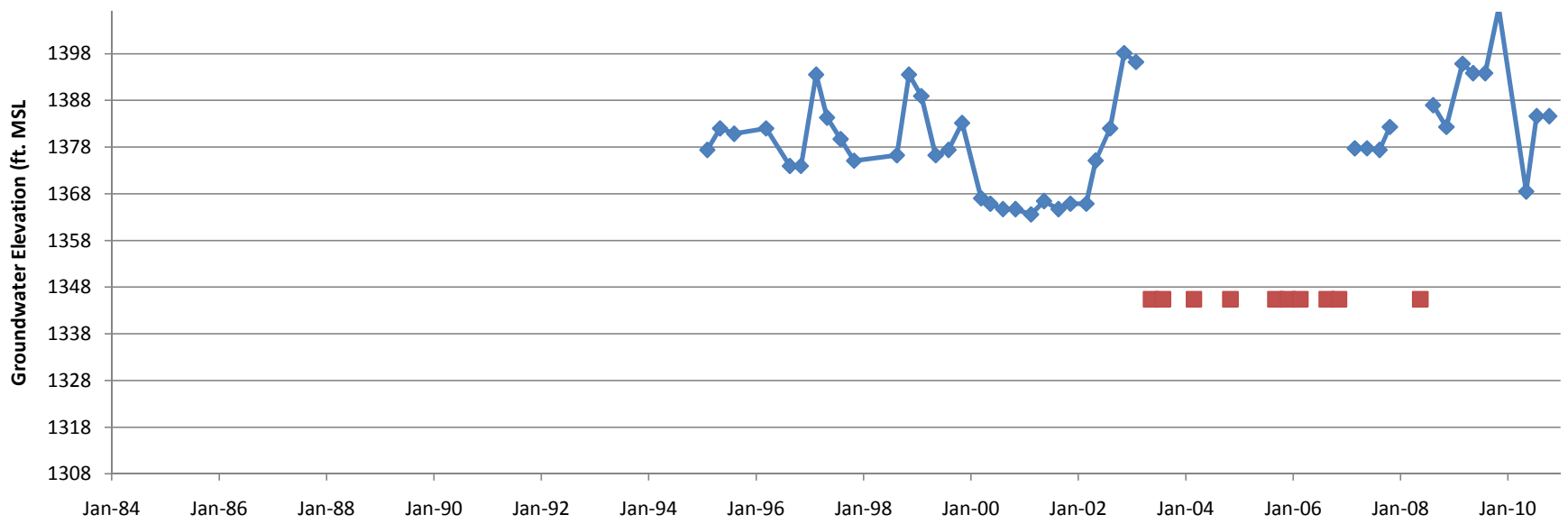




Hydrograph
Well RD-59B

◆ Groundwater Elevation
 ■ MPE
 ▲ Pumping

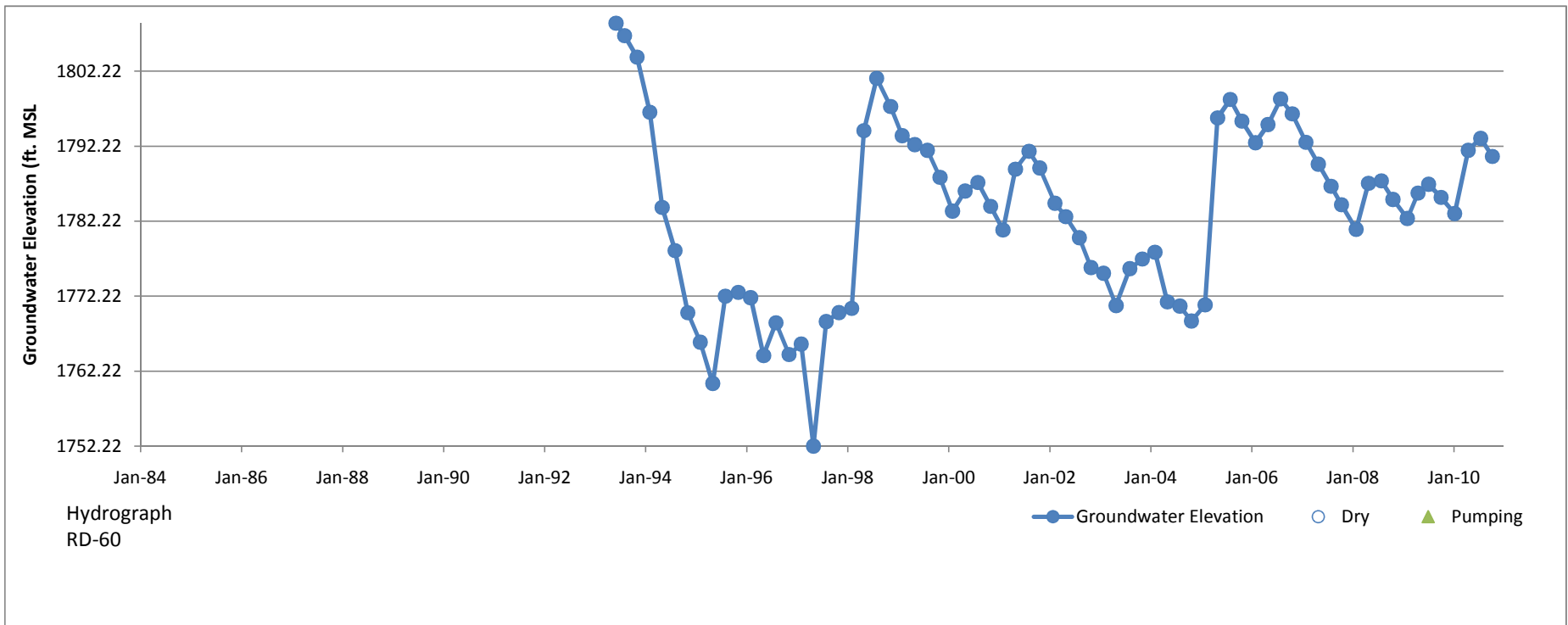
NOTE: Measuring point elevation is plotted when hydrostatic water elevation is unavailable due to artesian conditions observed at well head.

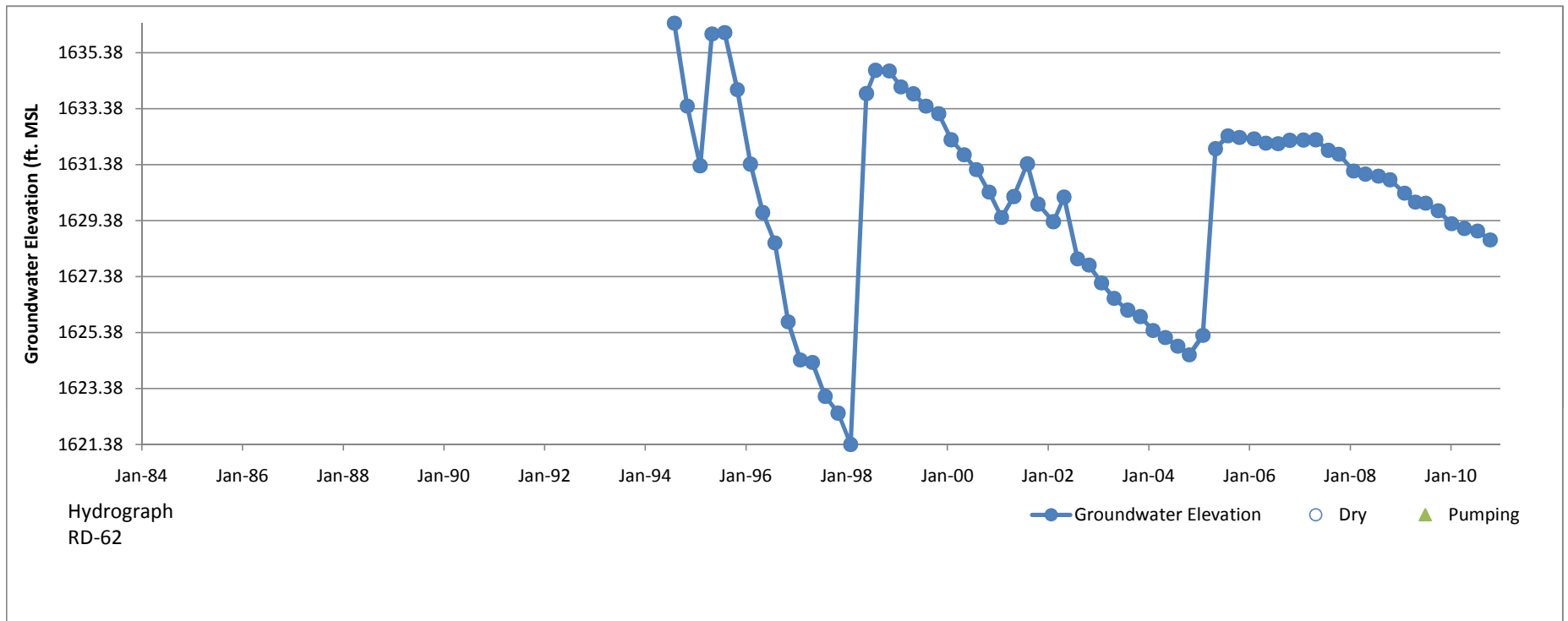


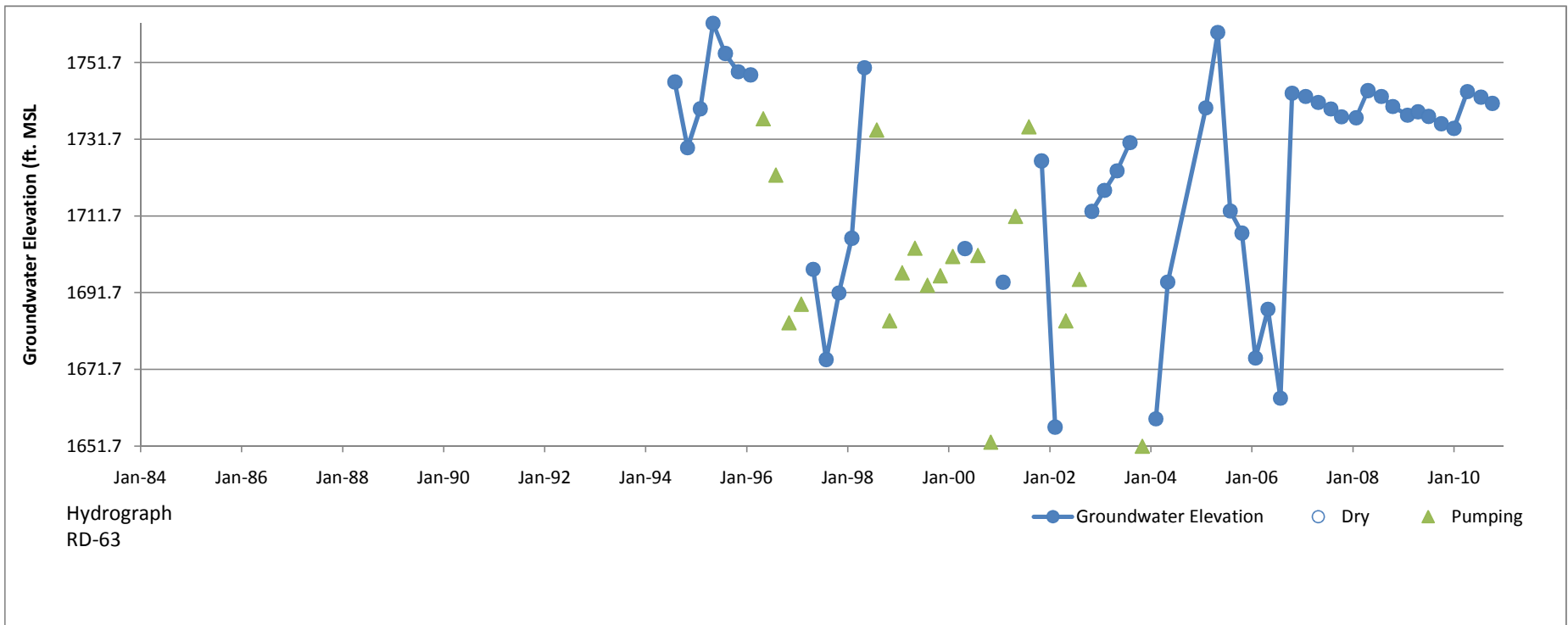
Hydrograph
Well RD-59C

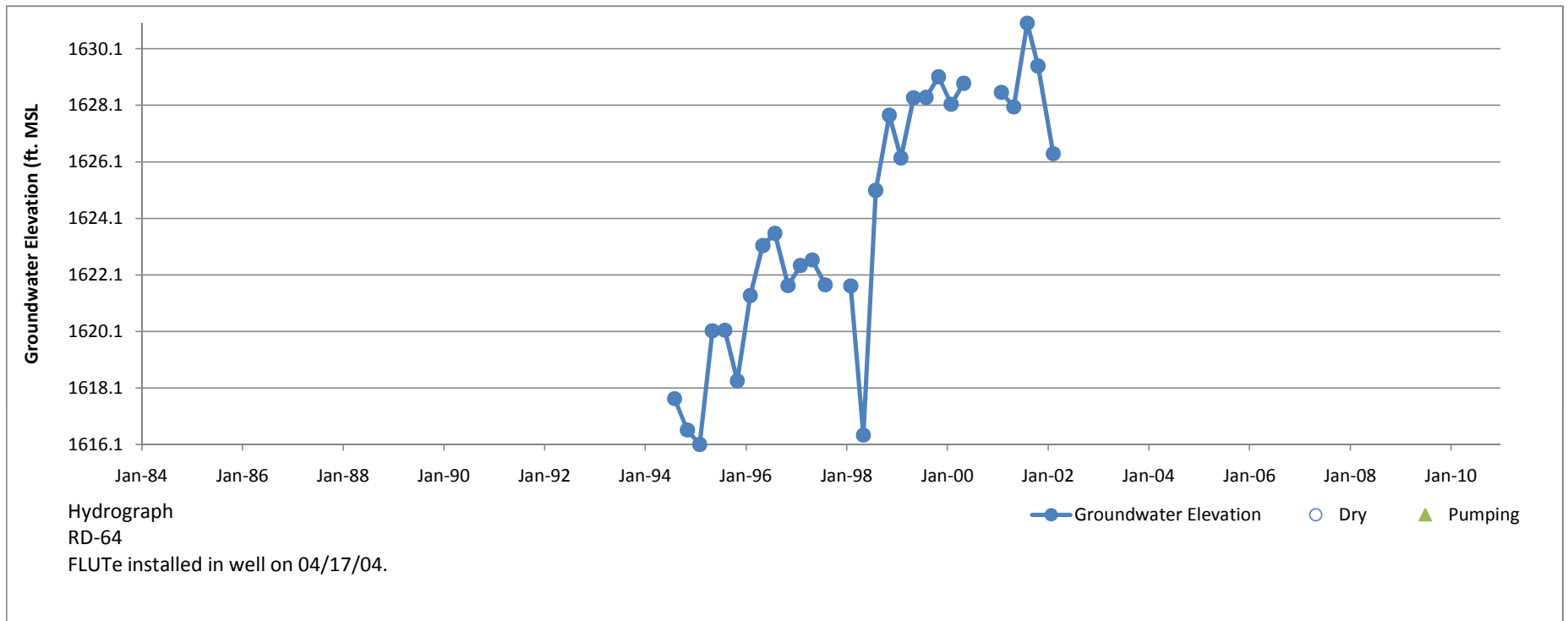
◆ Groundwater Elevation ■ MPE ▲ Pumping

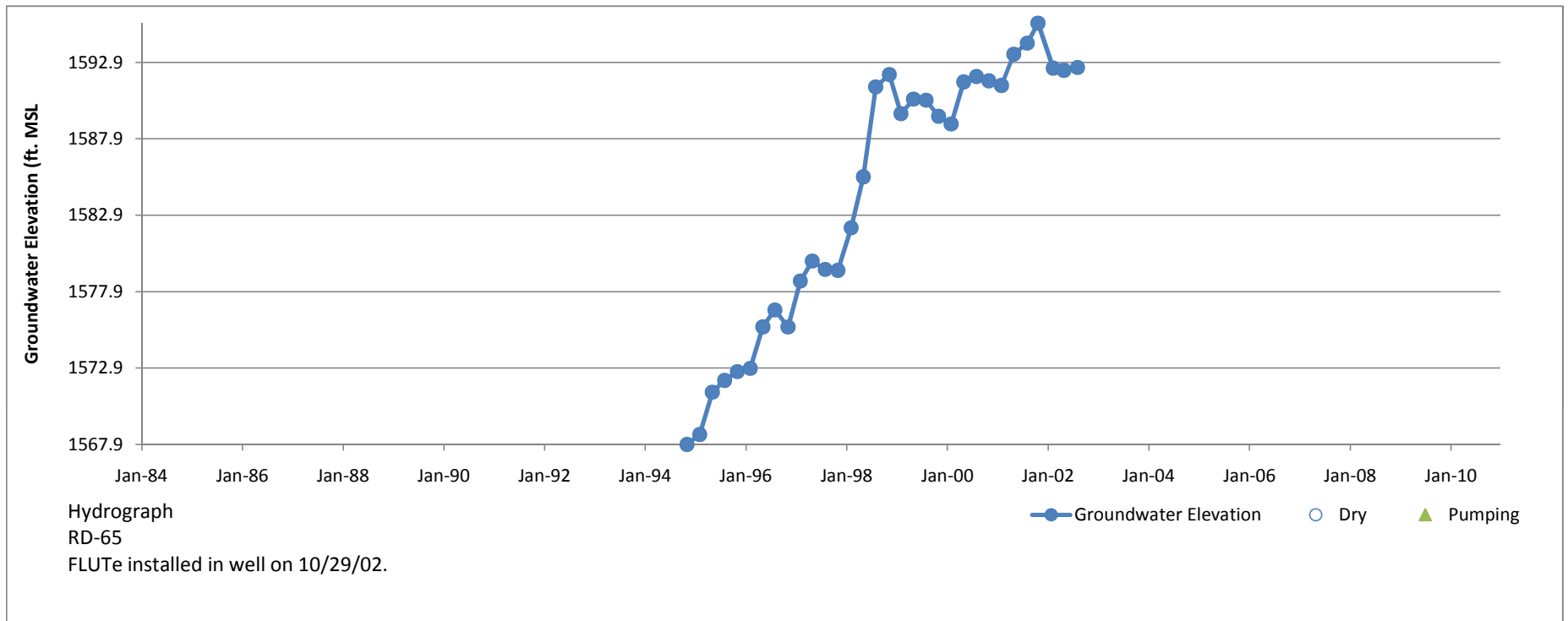
NOTE: Measuring point elevation is plotted when hydrostatic water elevation is unavailable due to artesian conditions observed at well head.

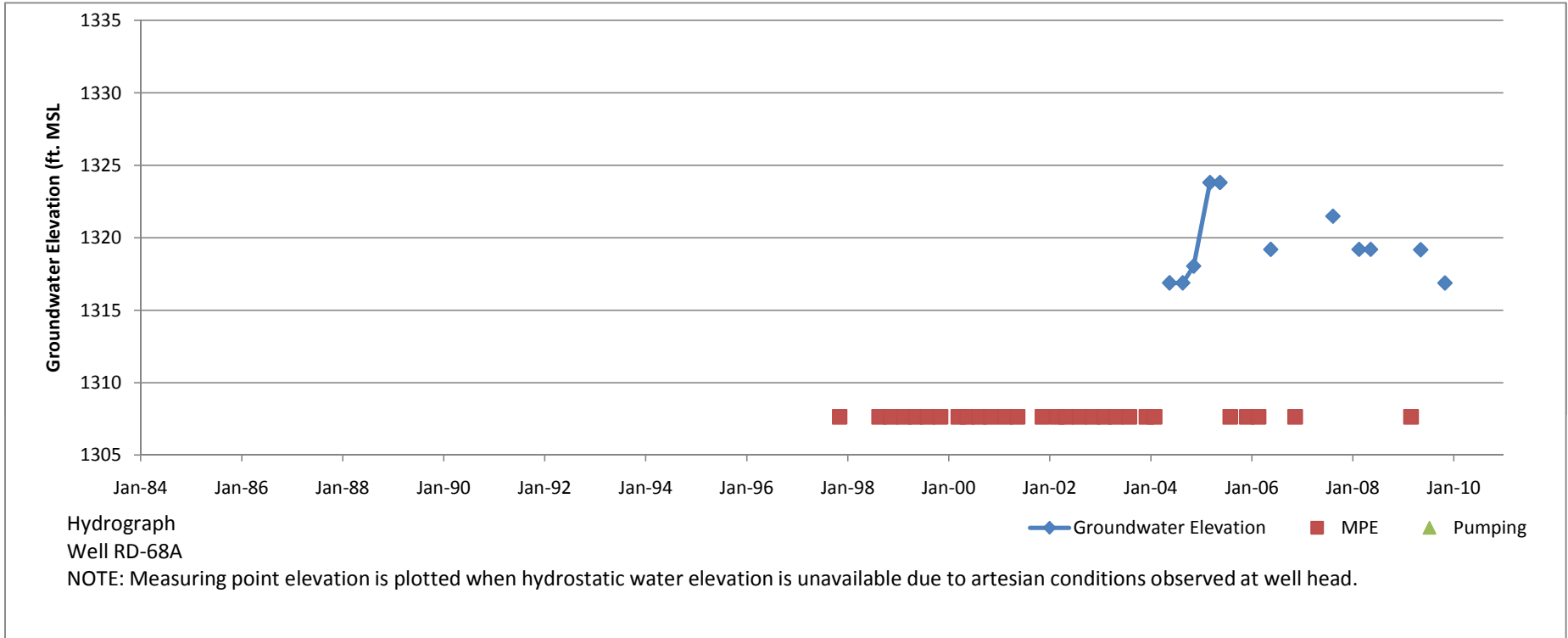


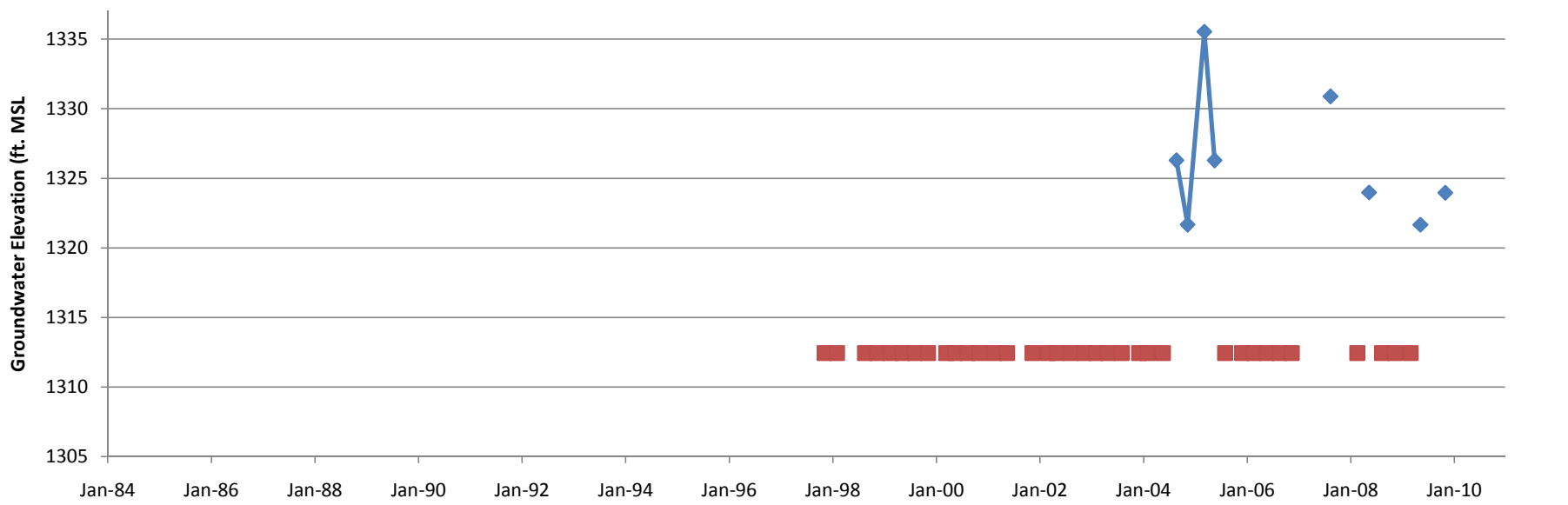








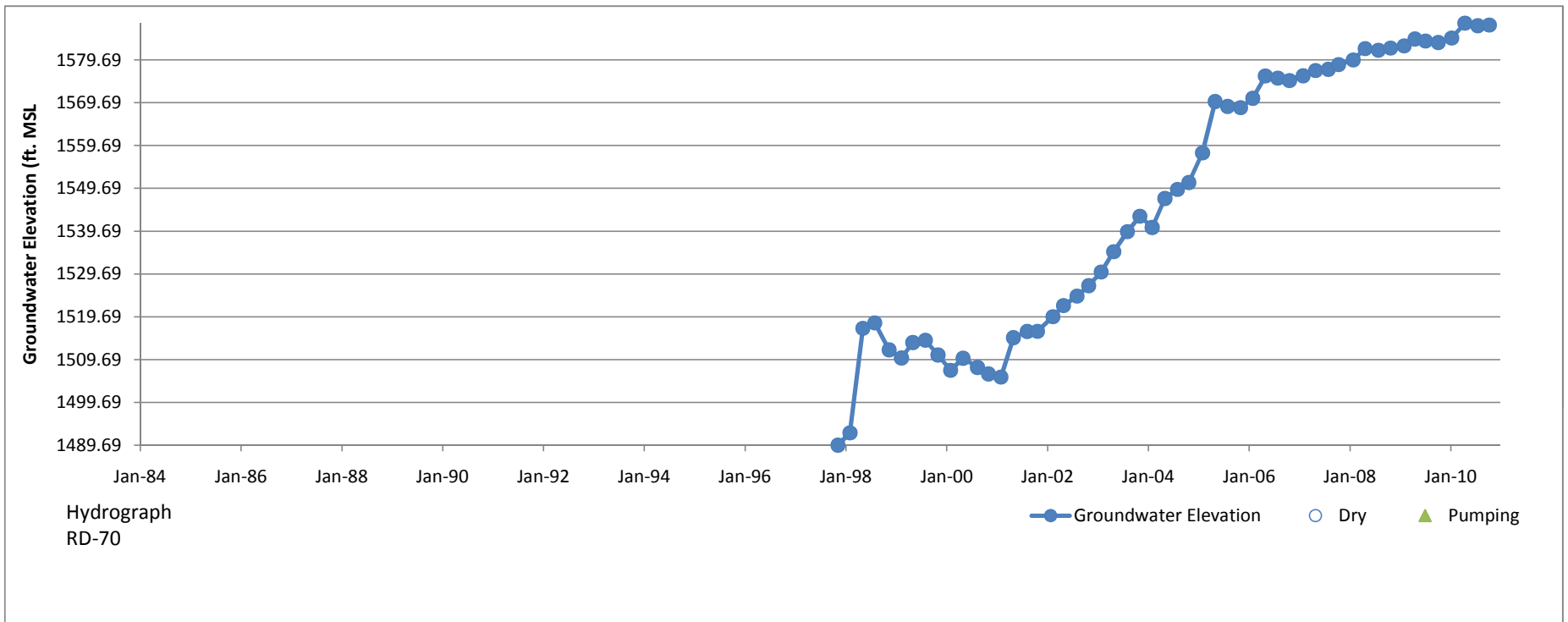


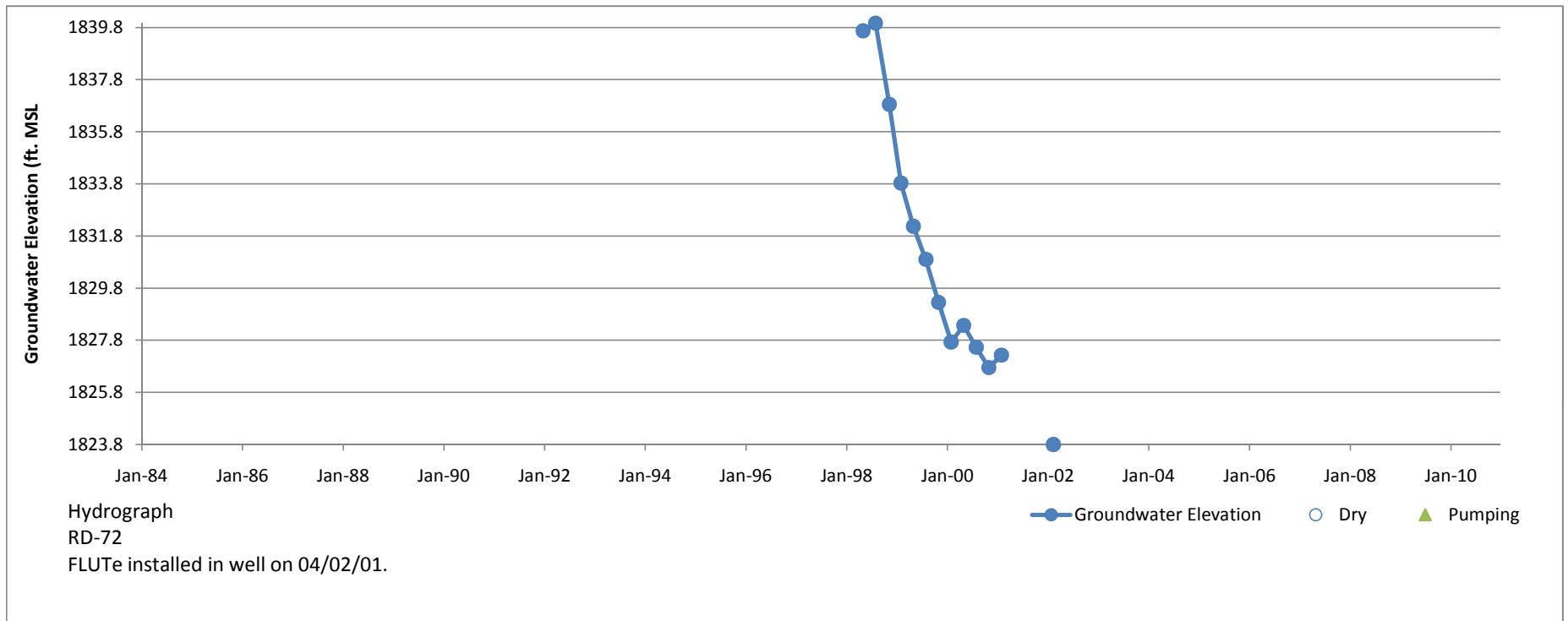


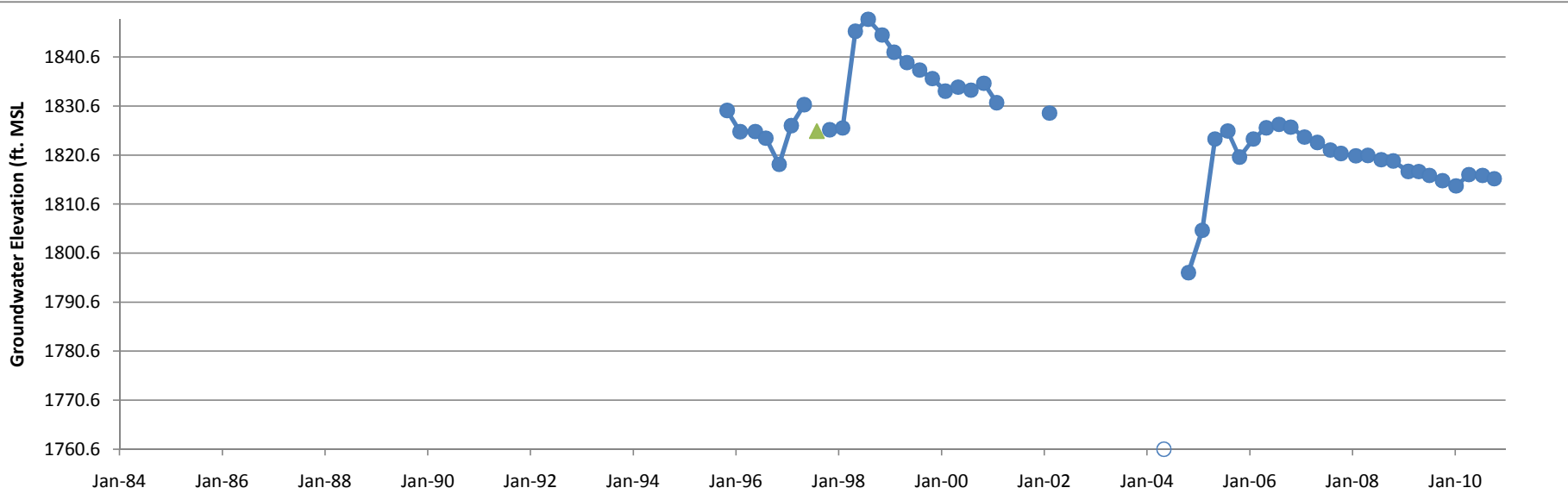
Hydrograph
Well RD-68B

◆ Groundwater Elevation ■ MPE ▲ Pumping

NOTE: Measuring point elevation is plotted when hydrostatic water elevation is unavailable due to artesian conditions observed at well head.



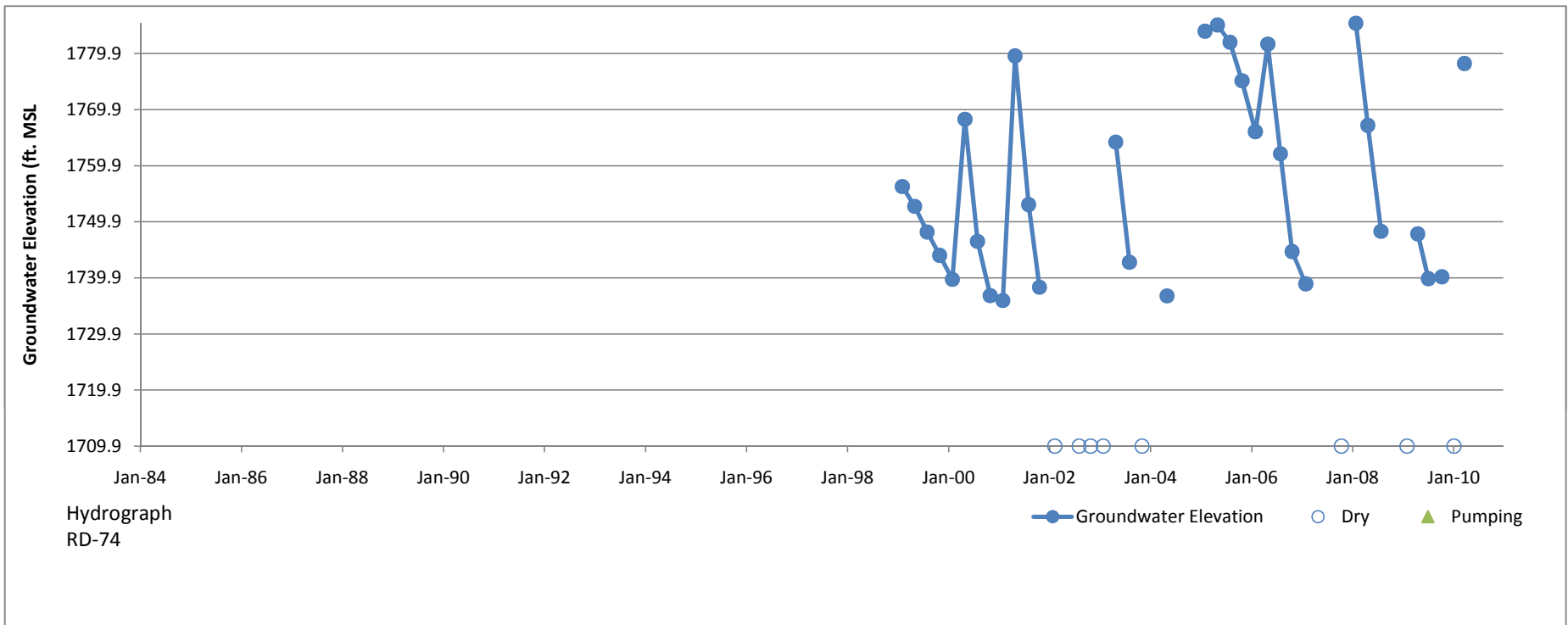


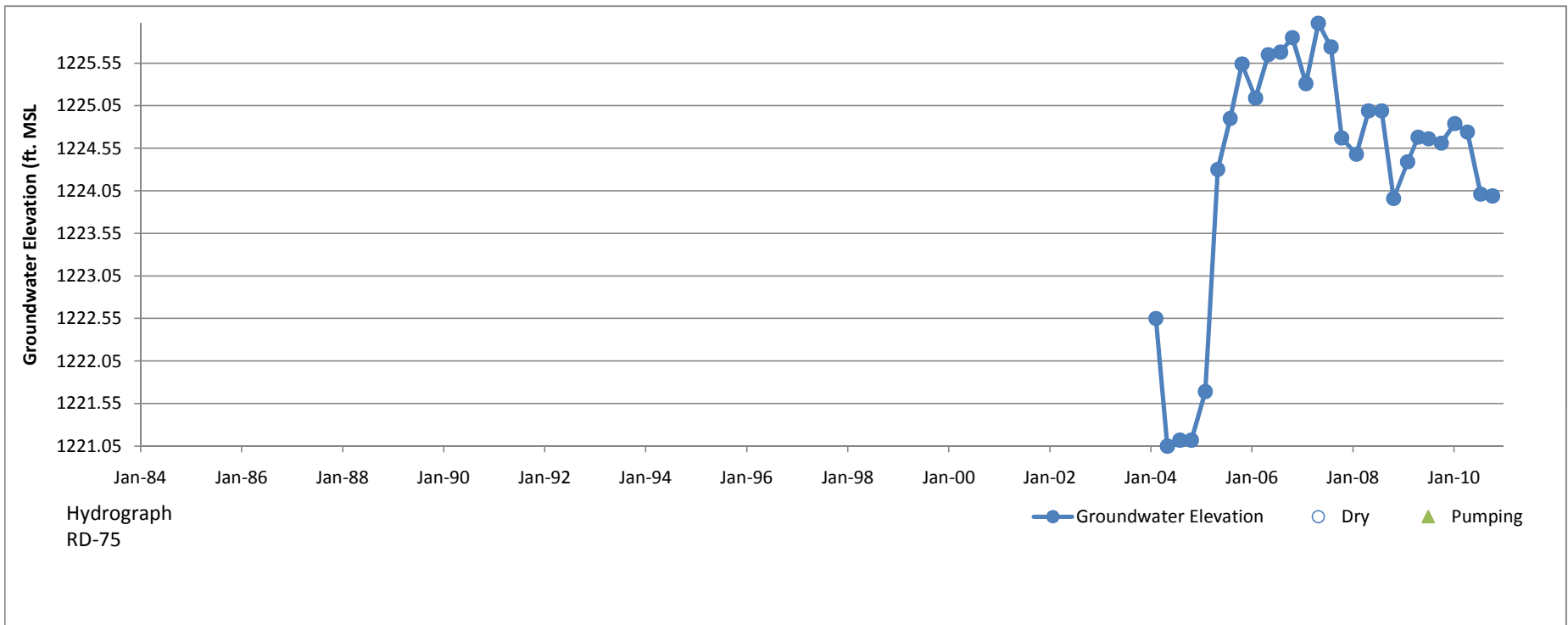


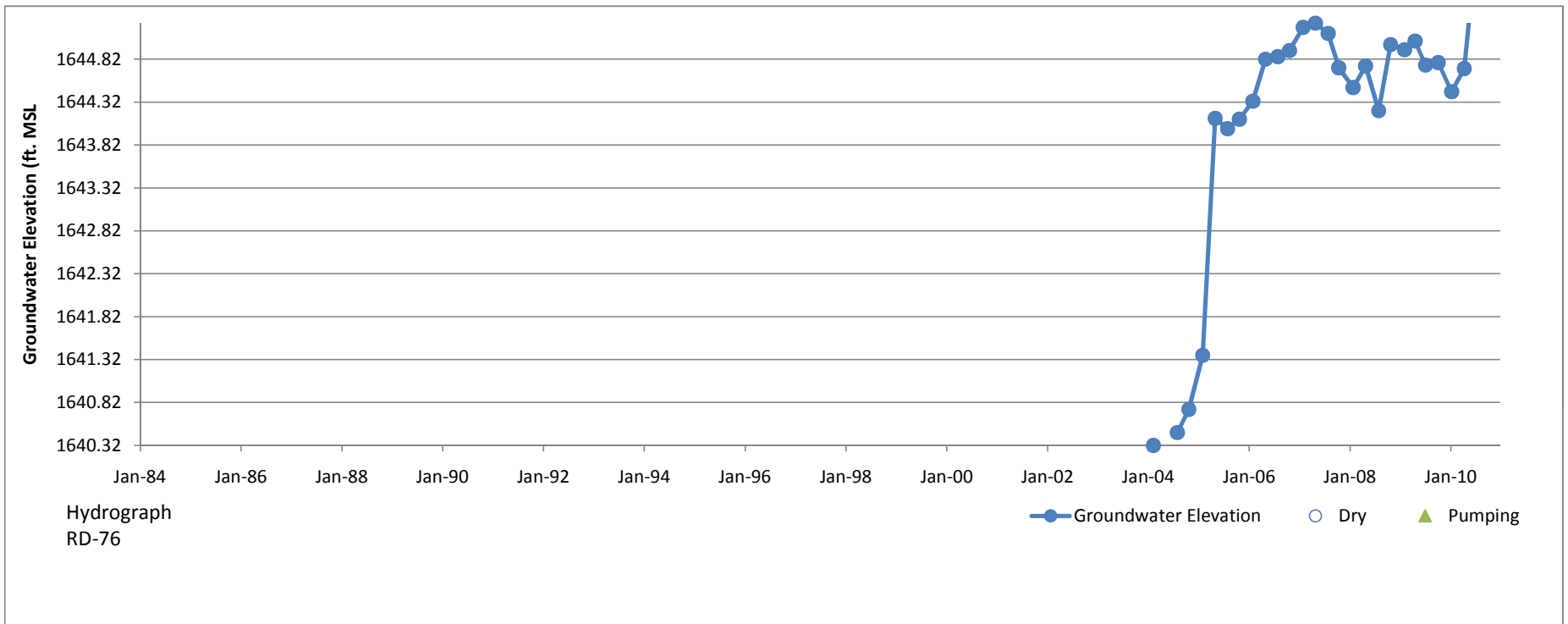
Hydrograph
RD-73

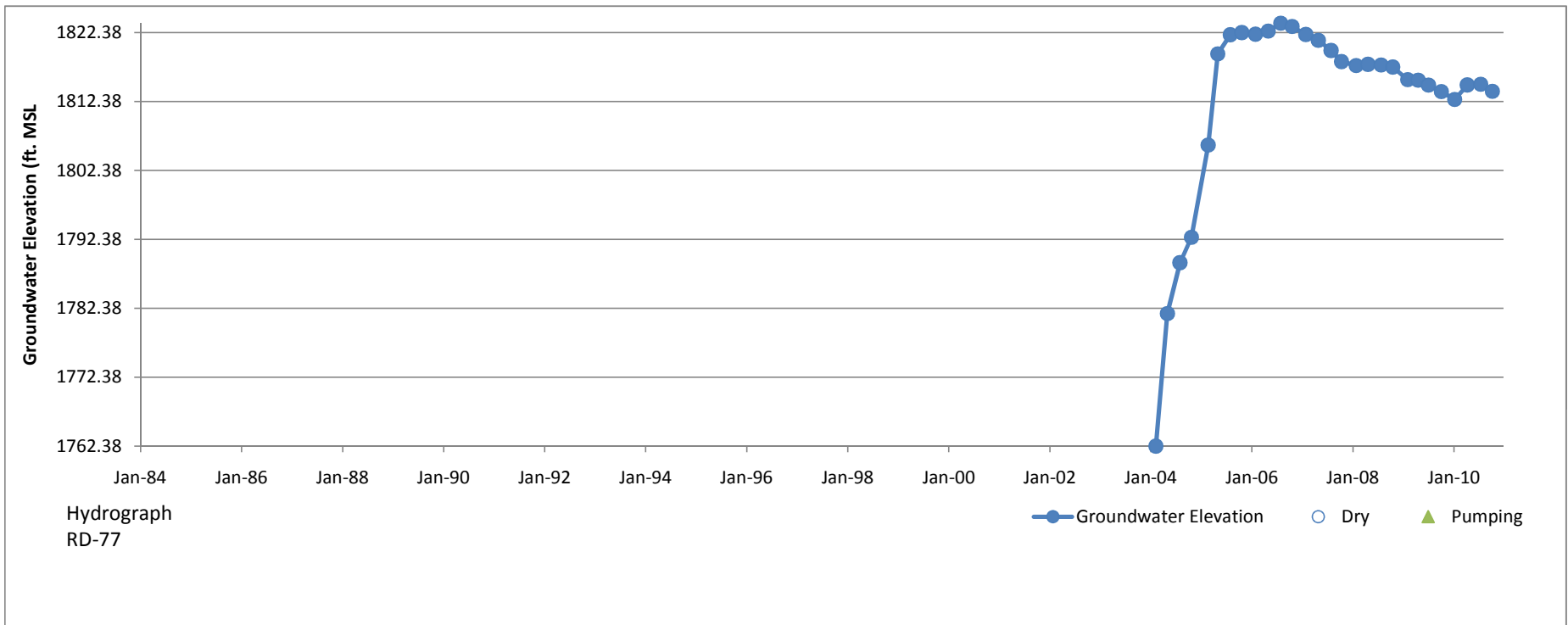
FLUTE installed in well 02/02/01 through 07/28/04.

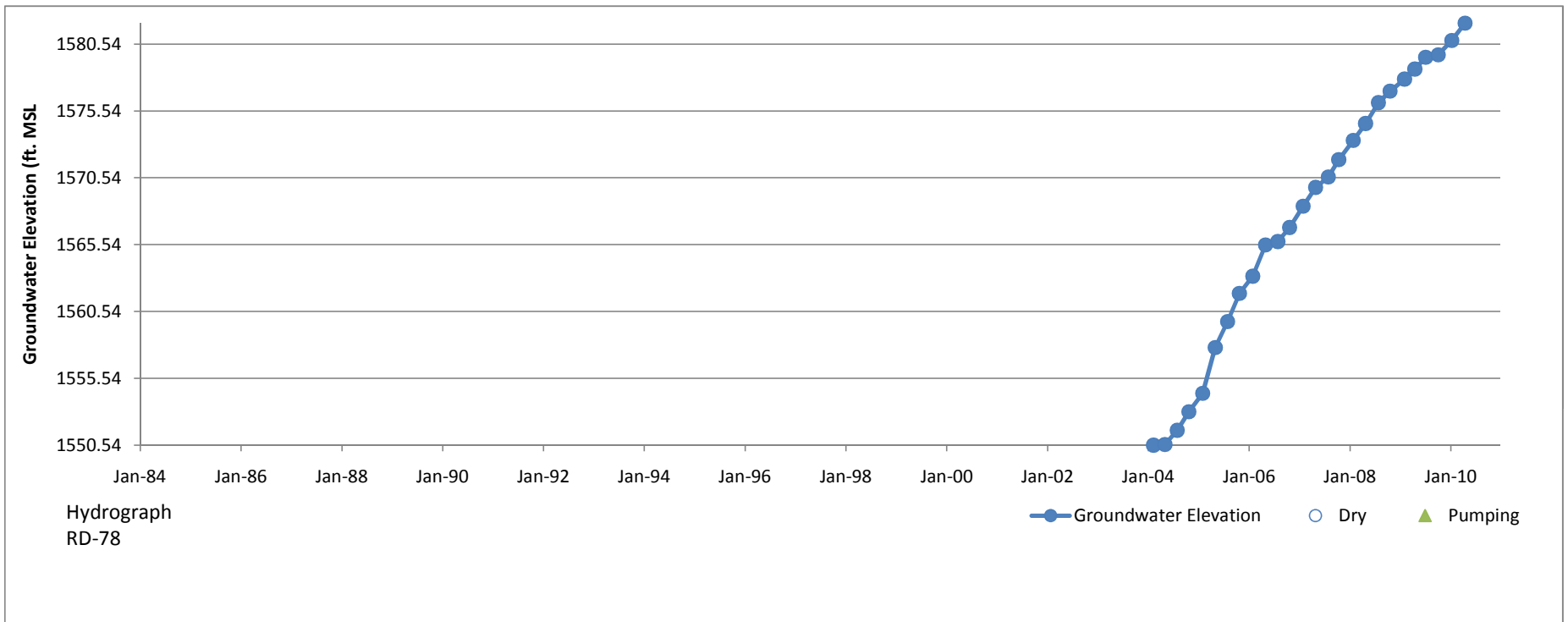
● Groundwater Elevation ○ Dry ▲ Pumping

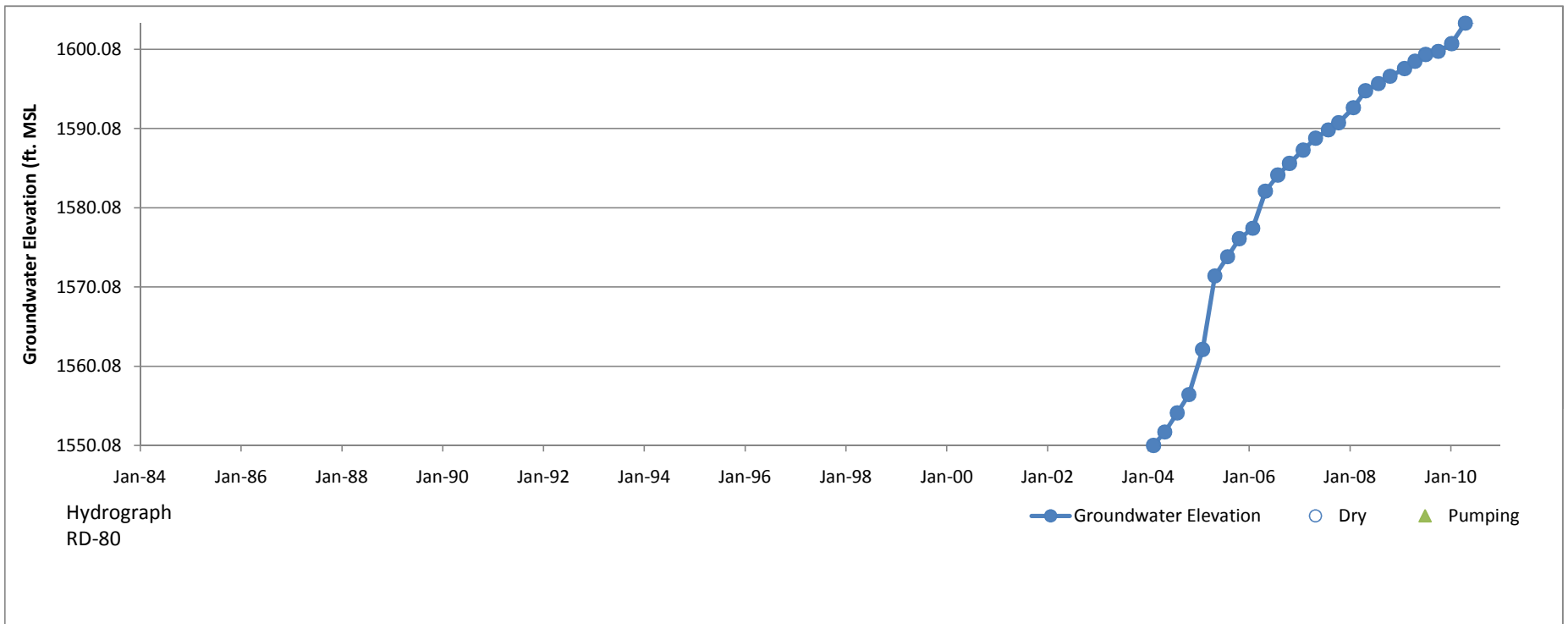


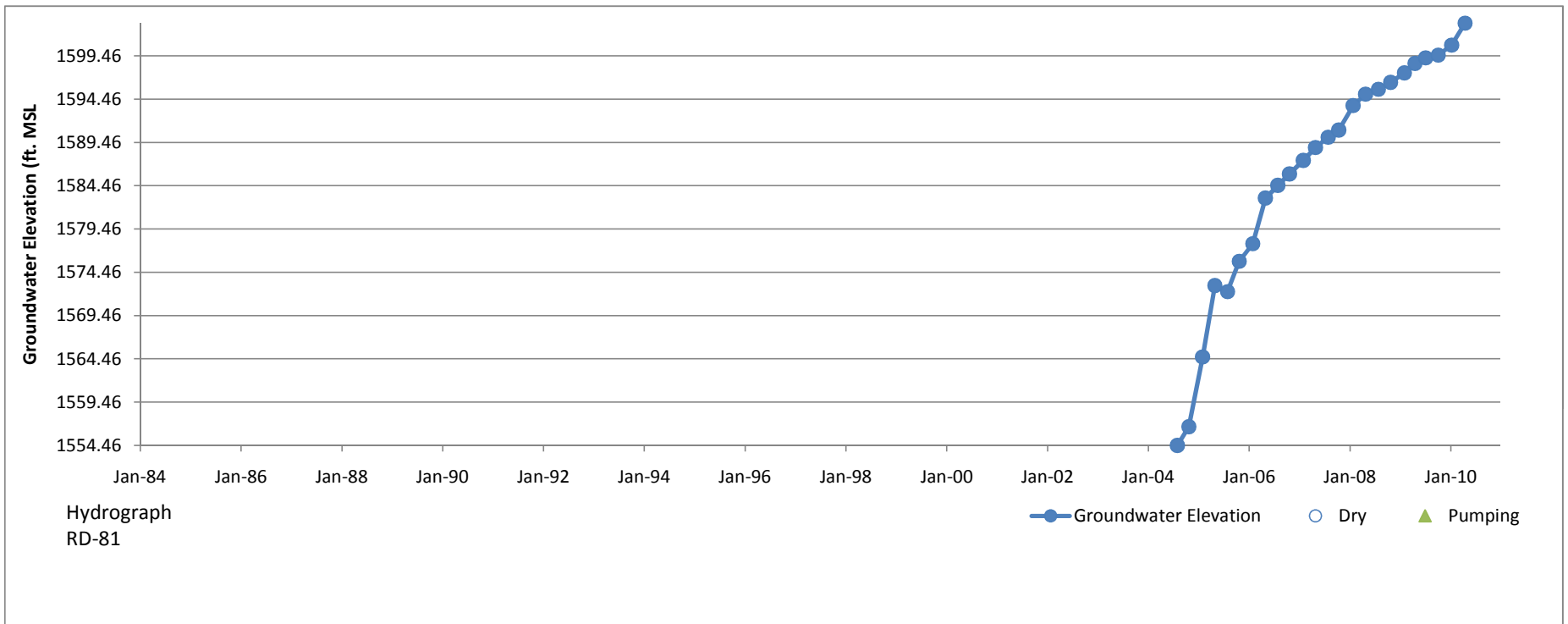


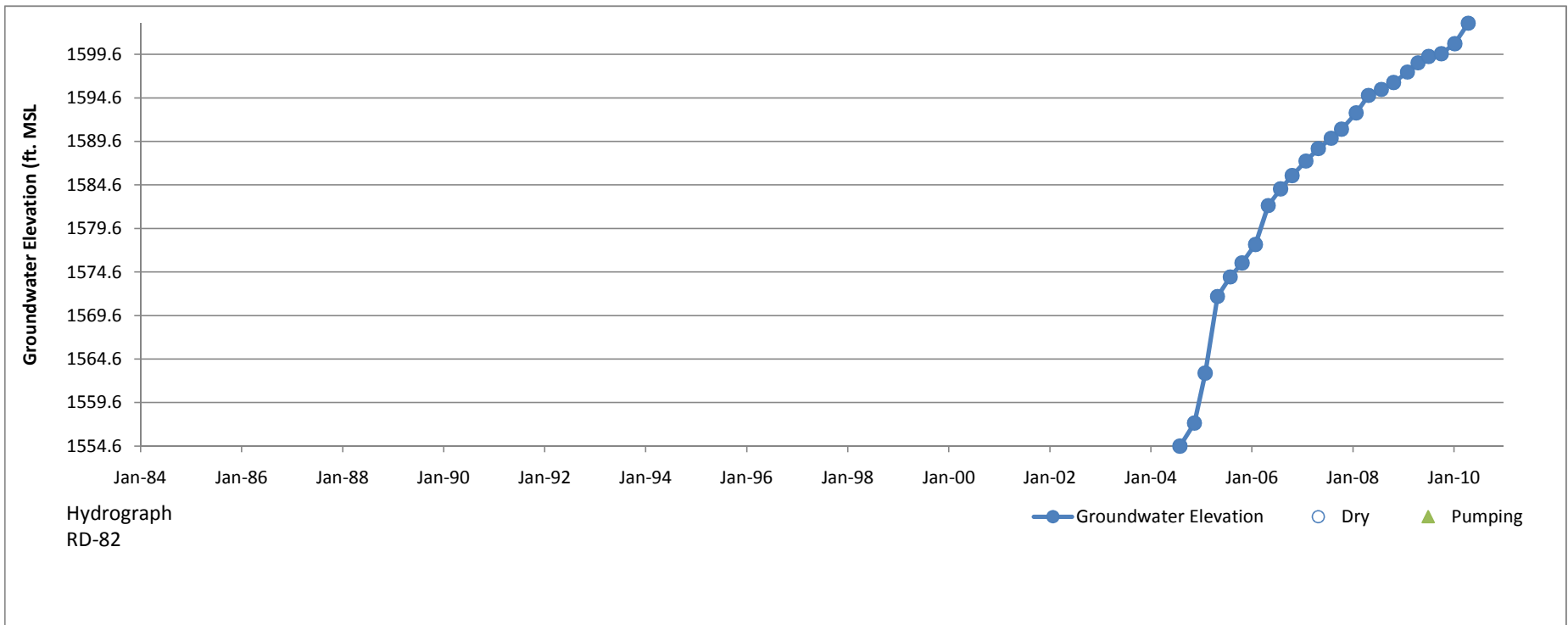


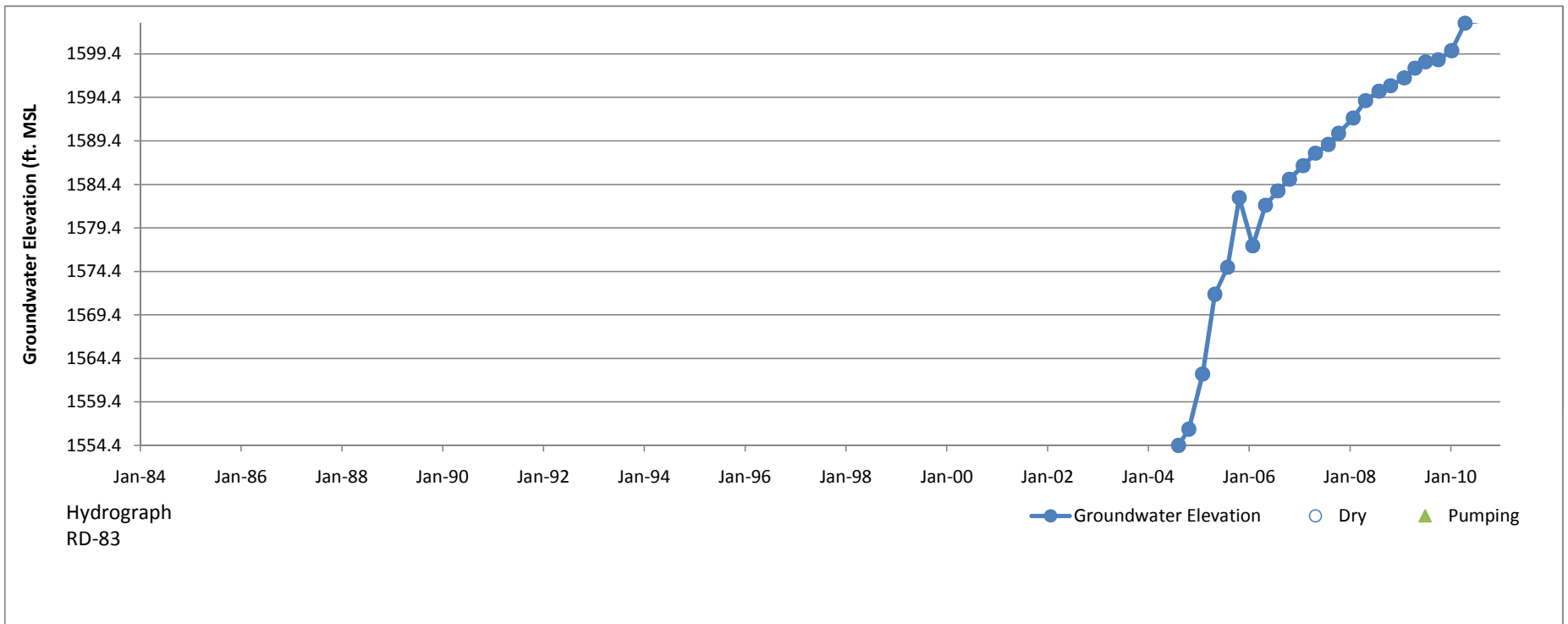


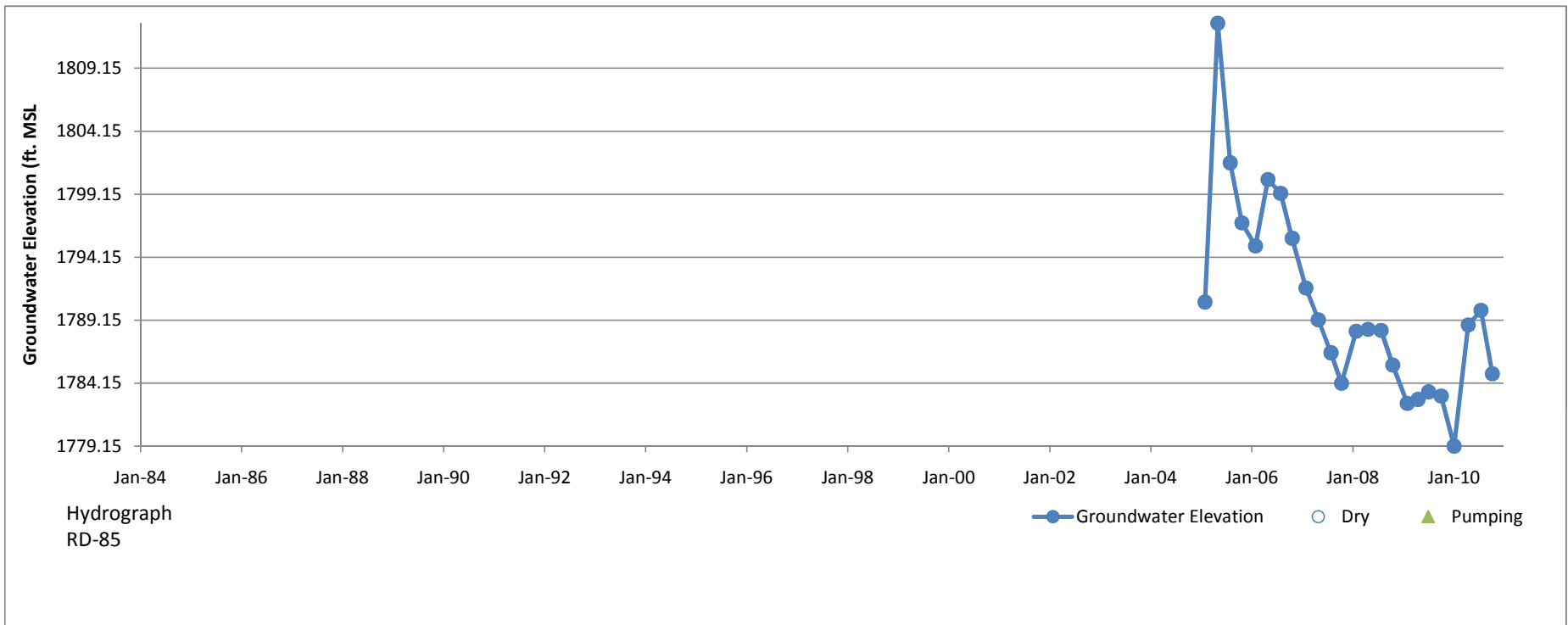


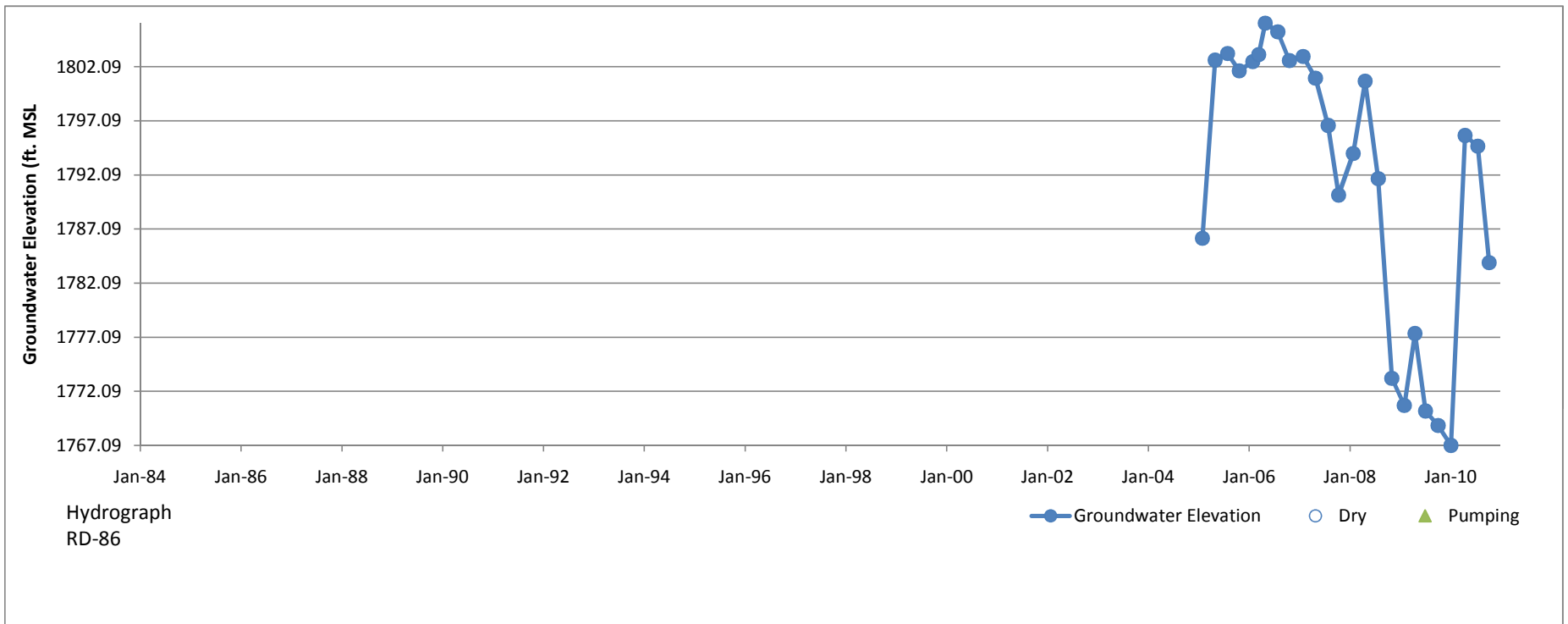


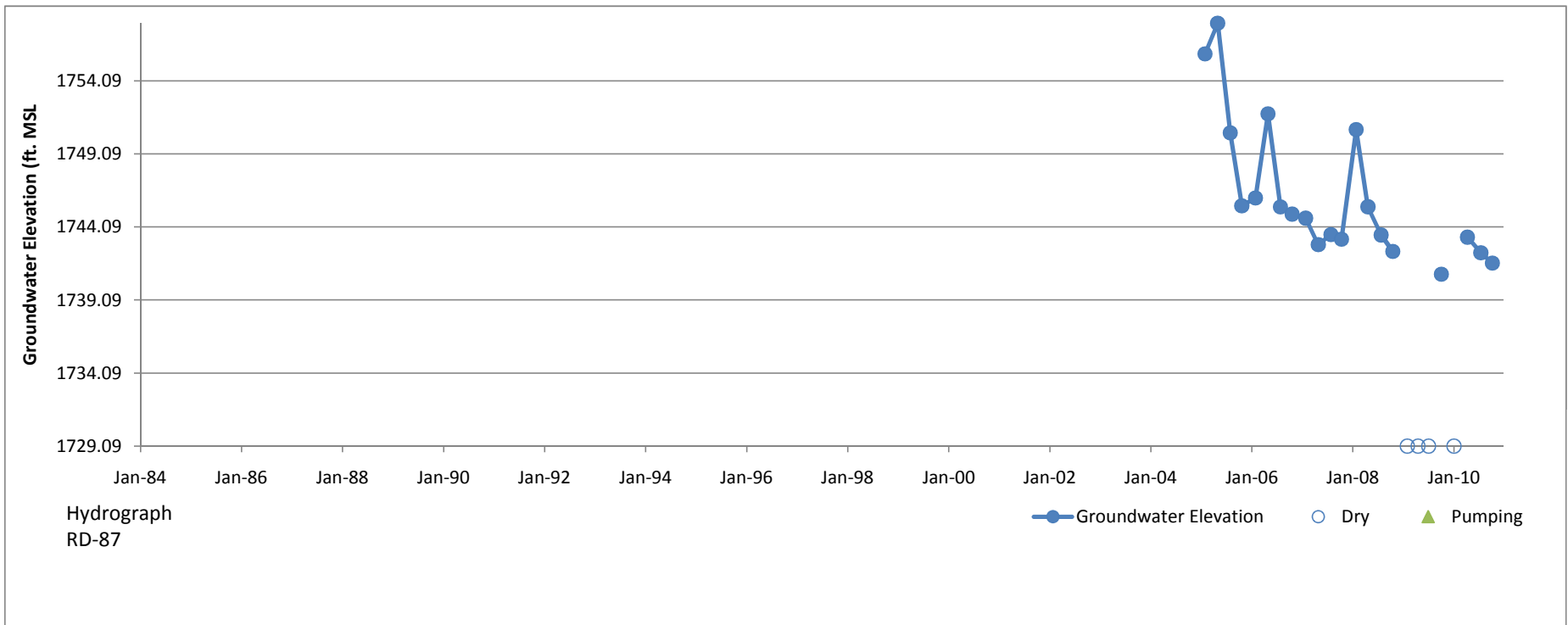


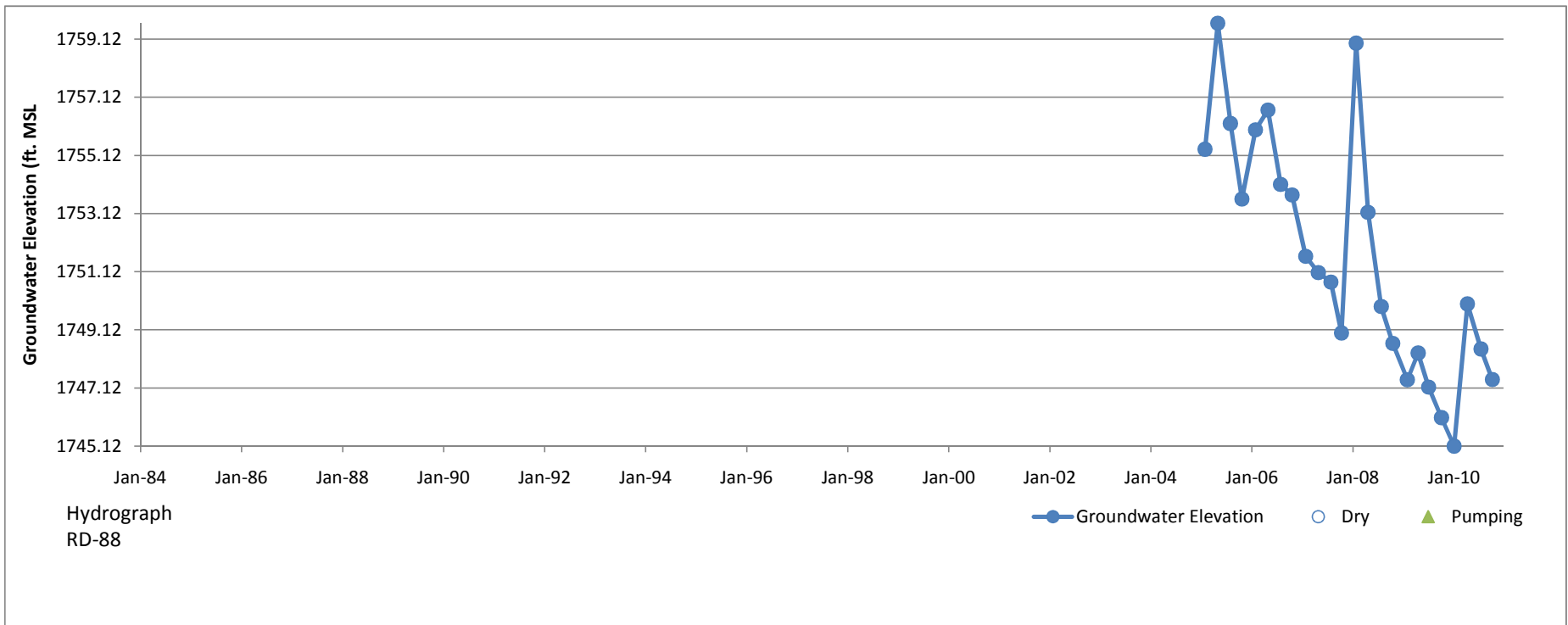


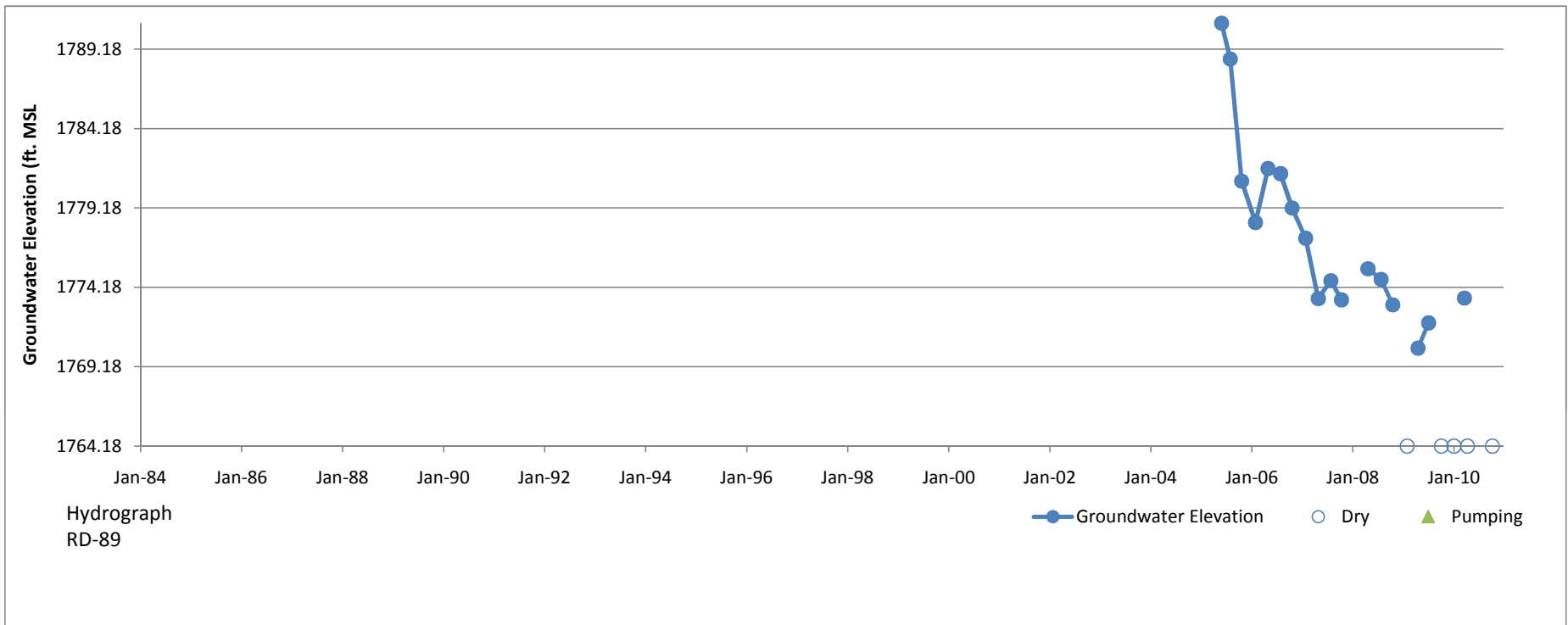


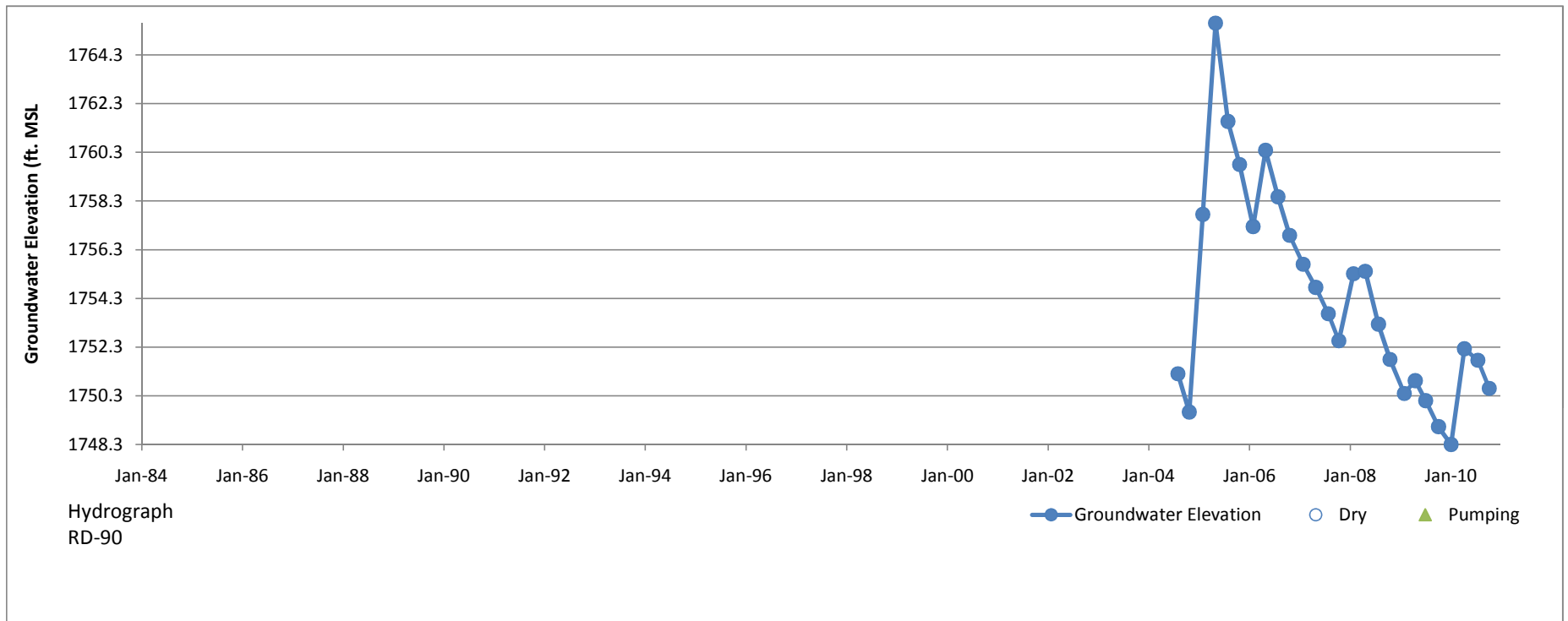


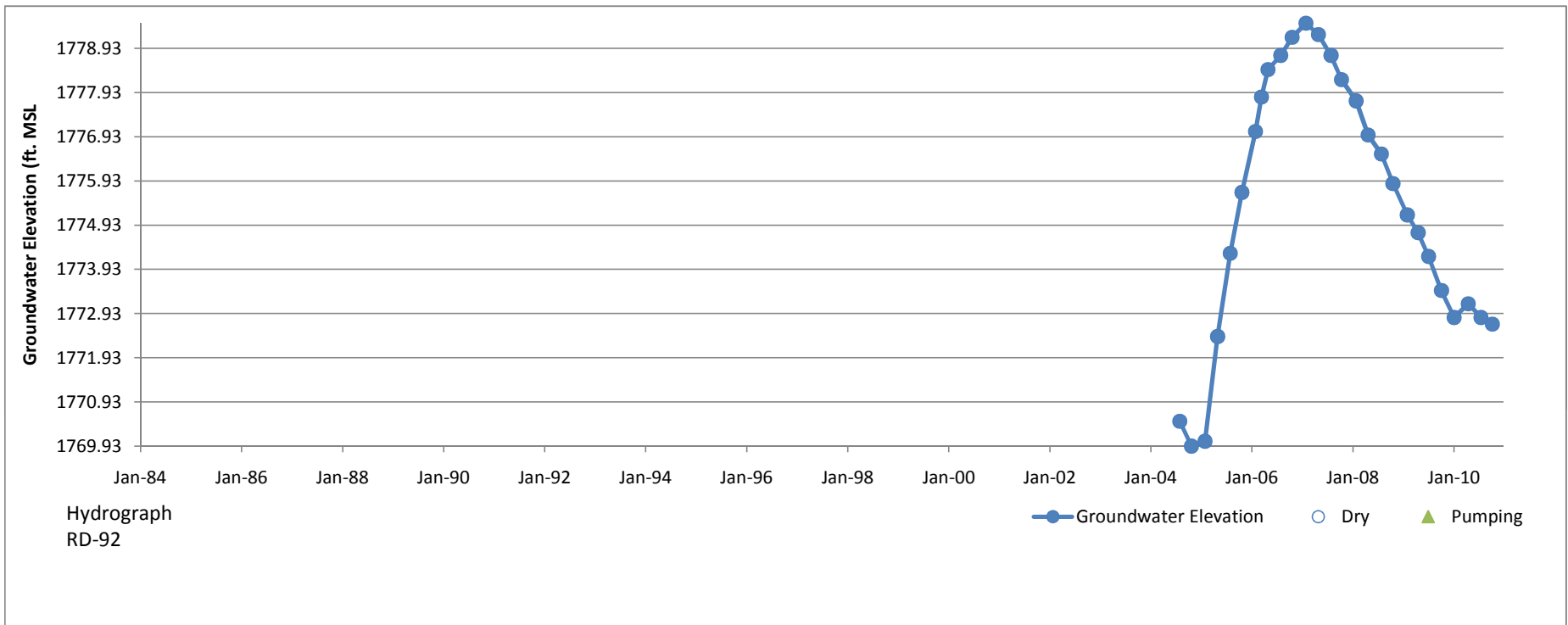


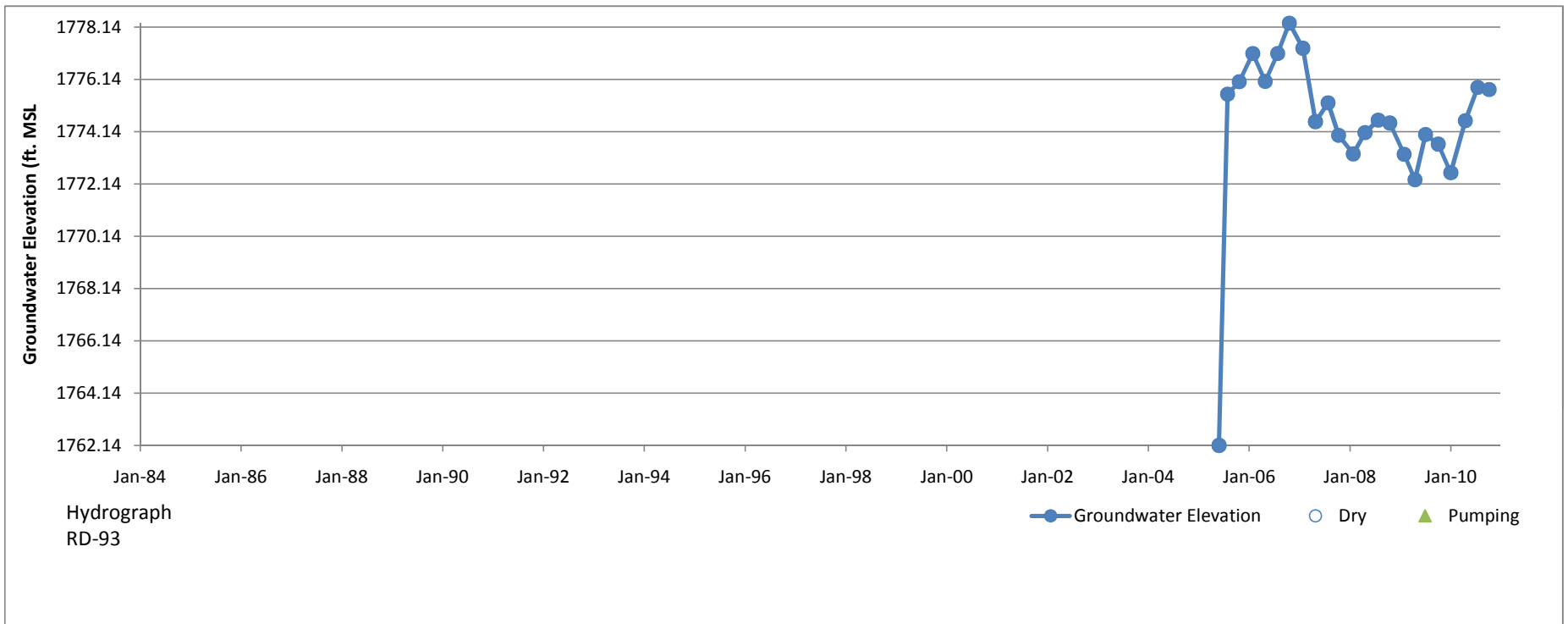


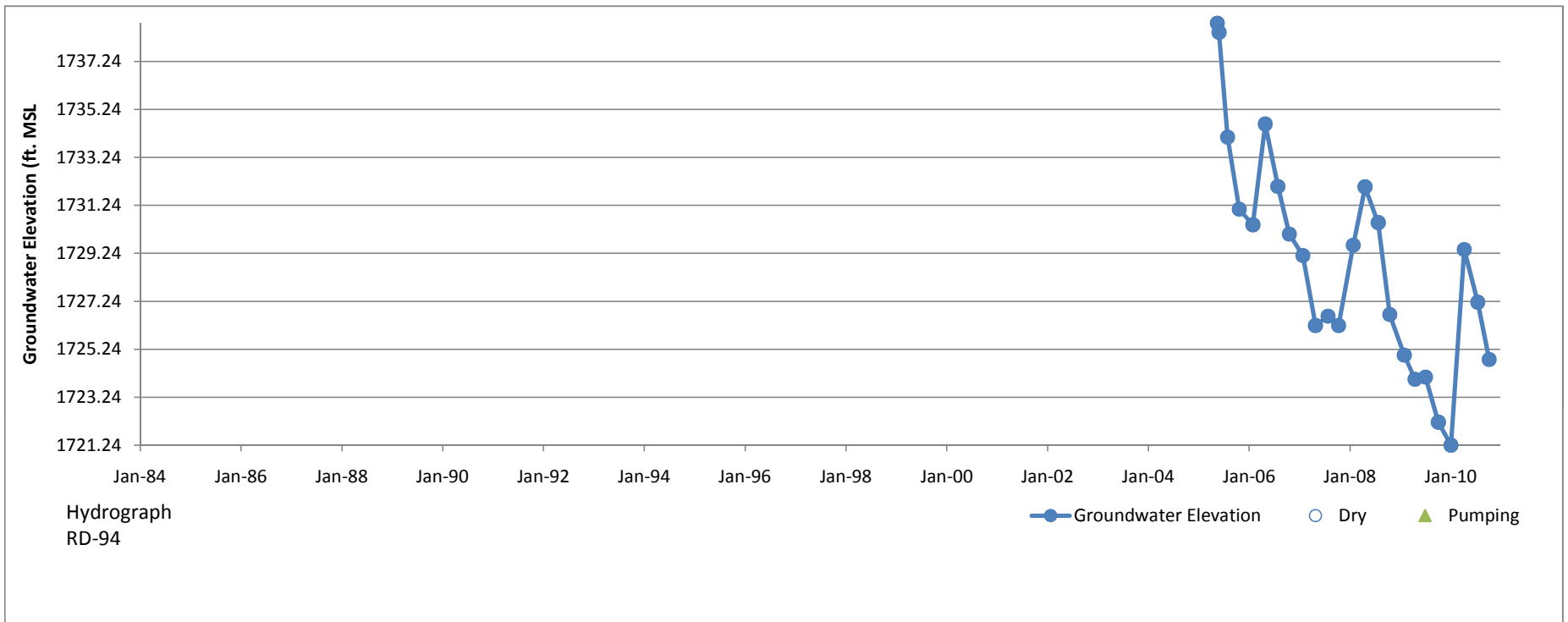


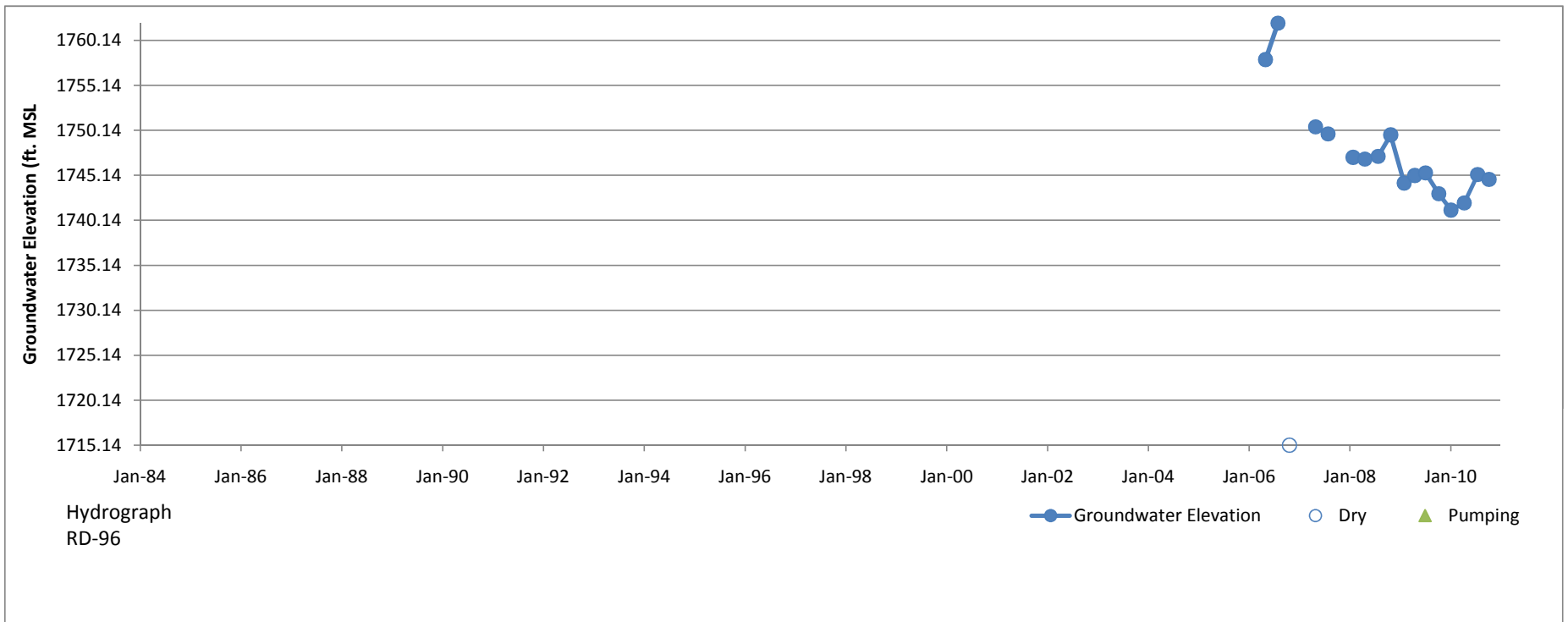


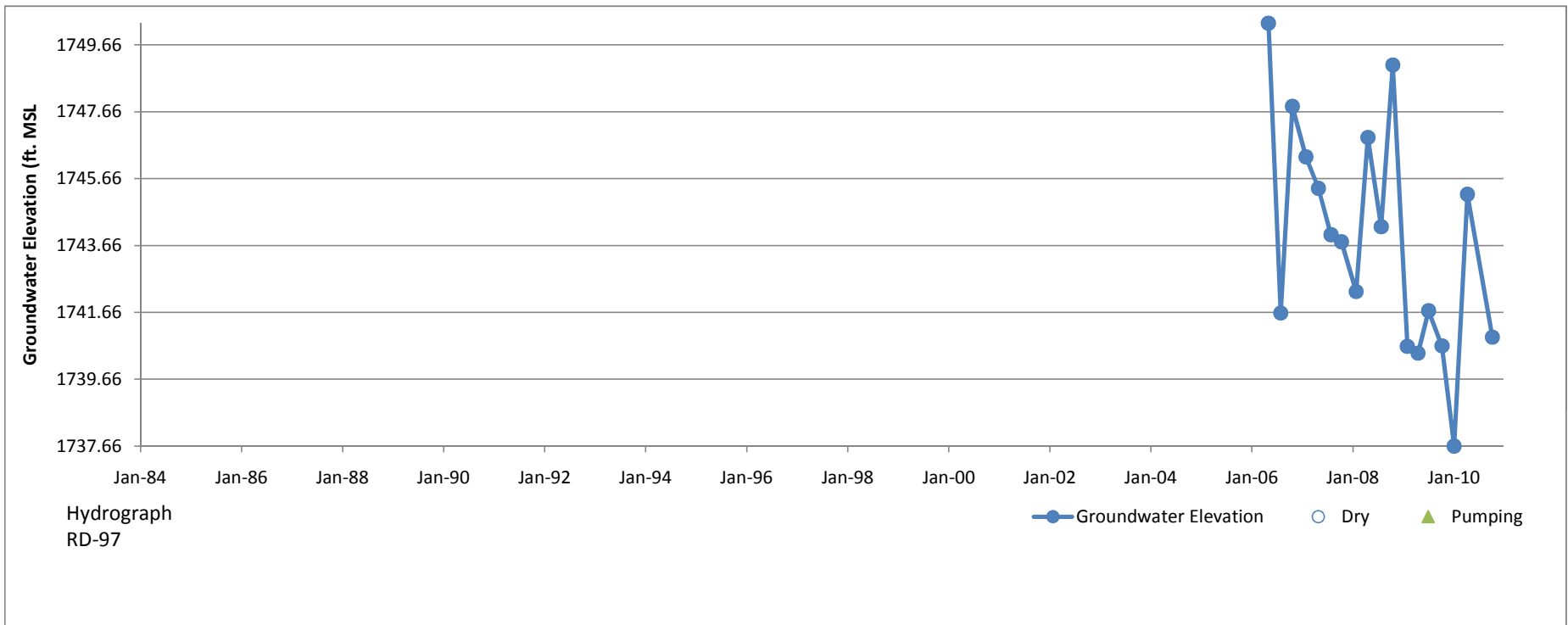


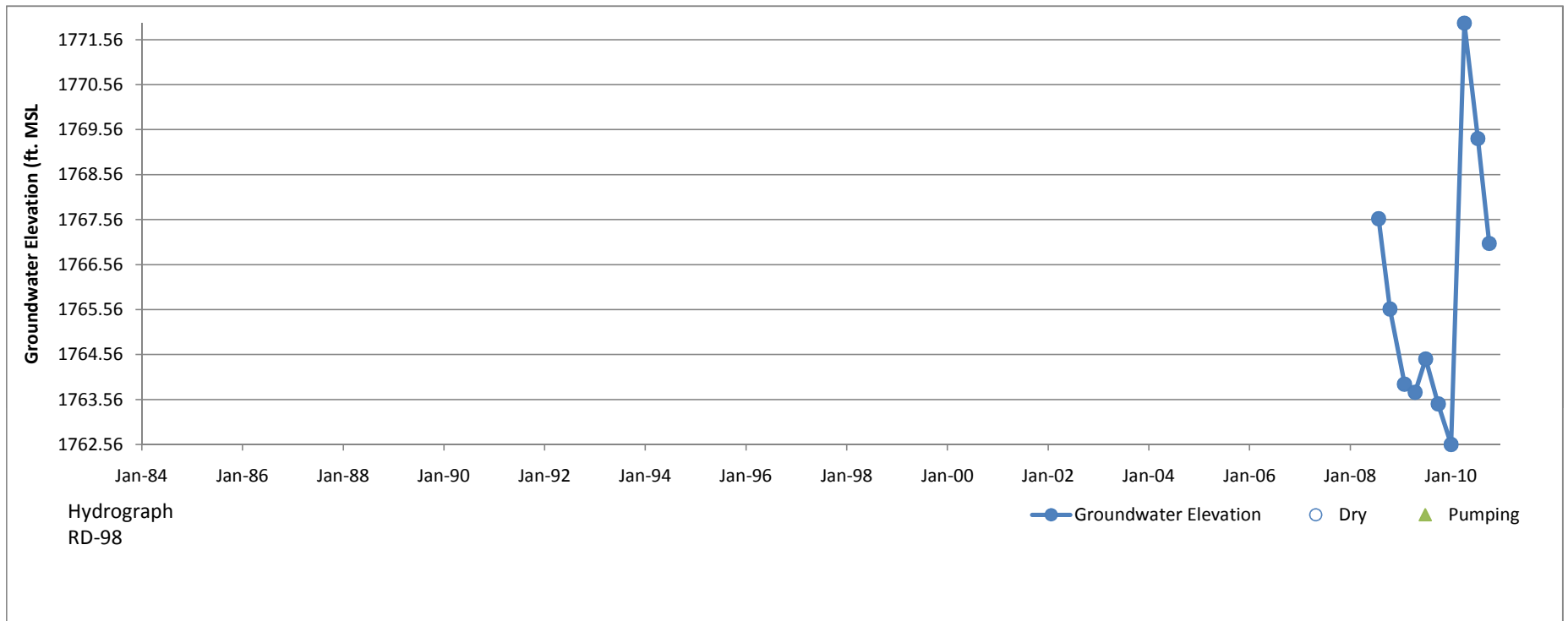


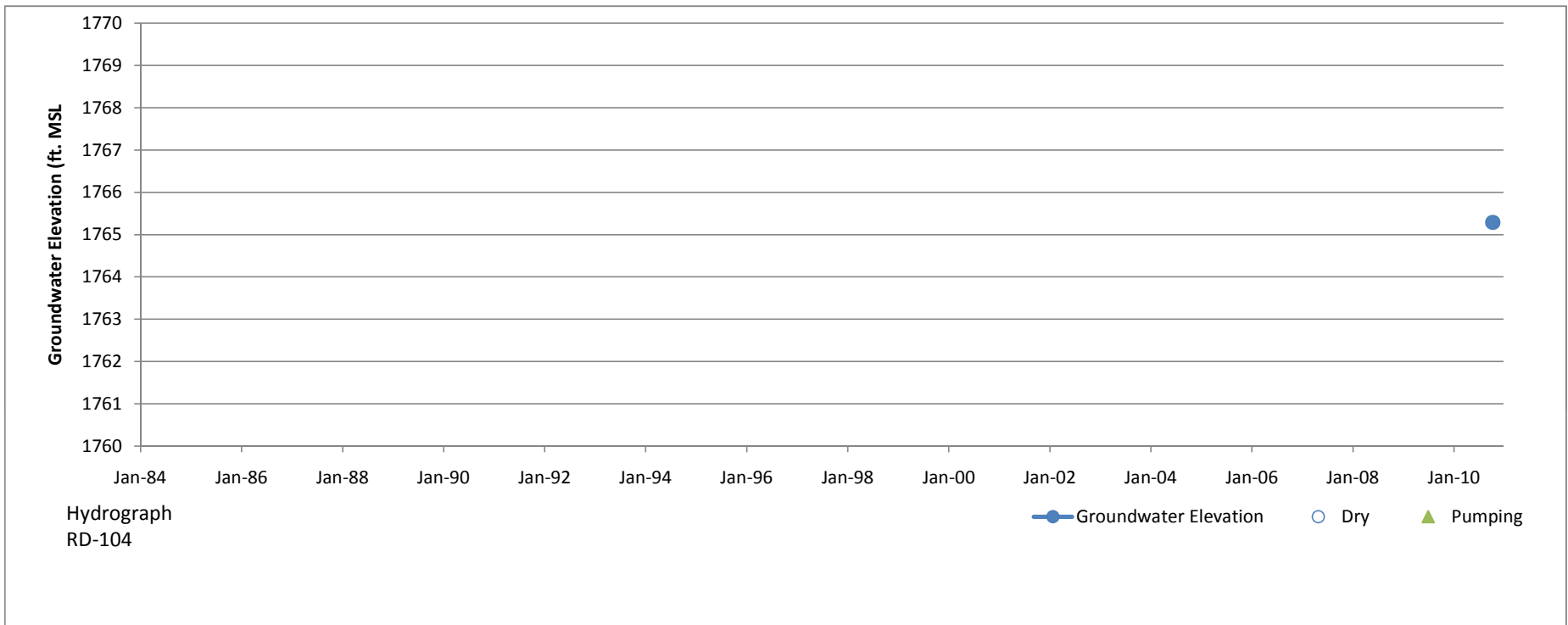


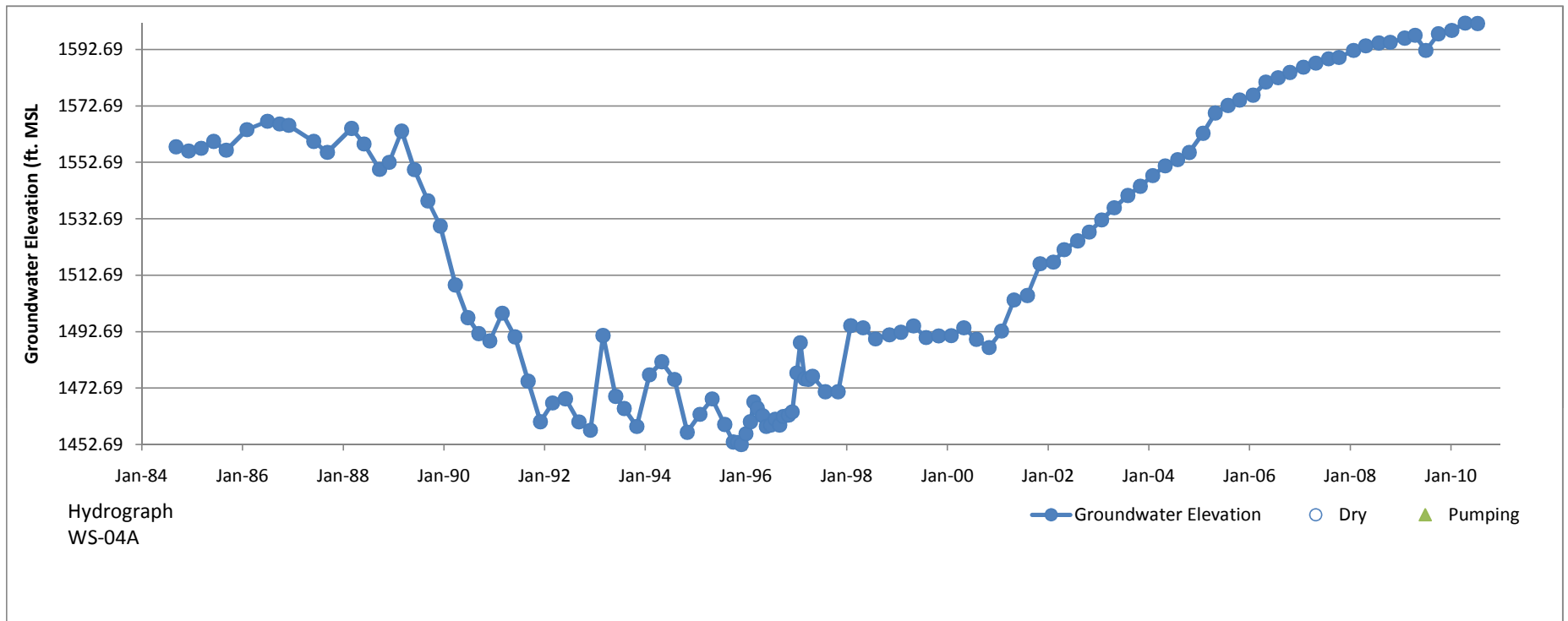


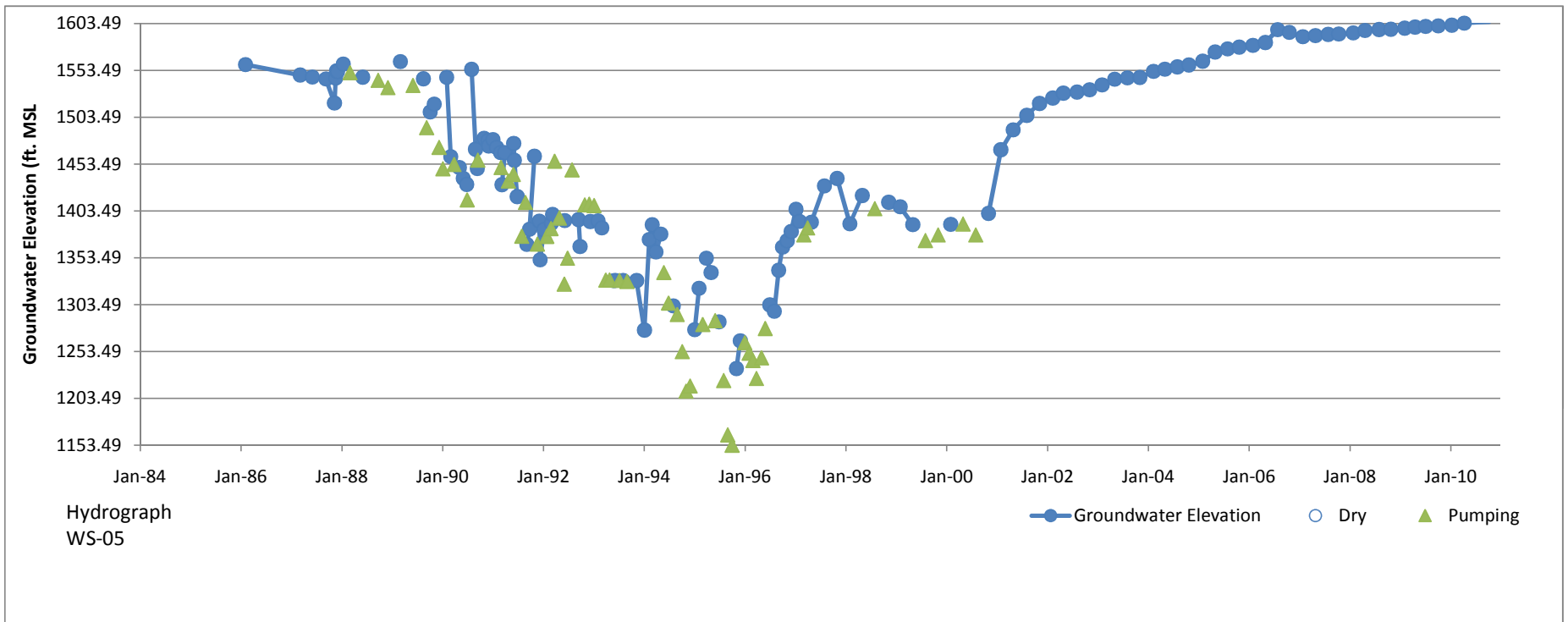


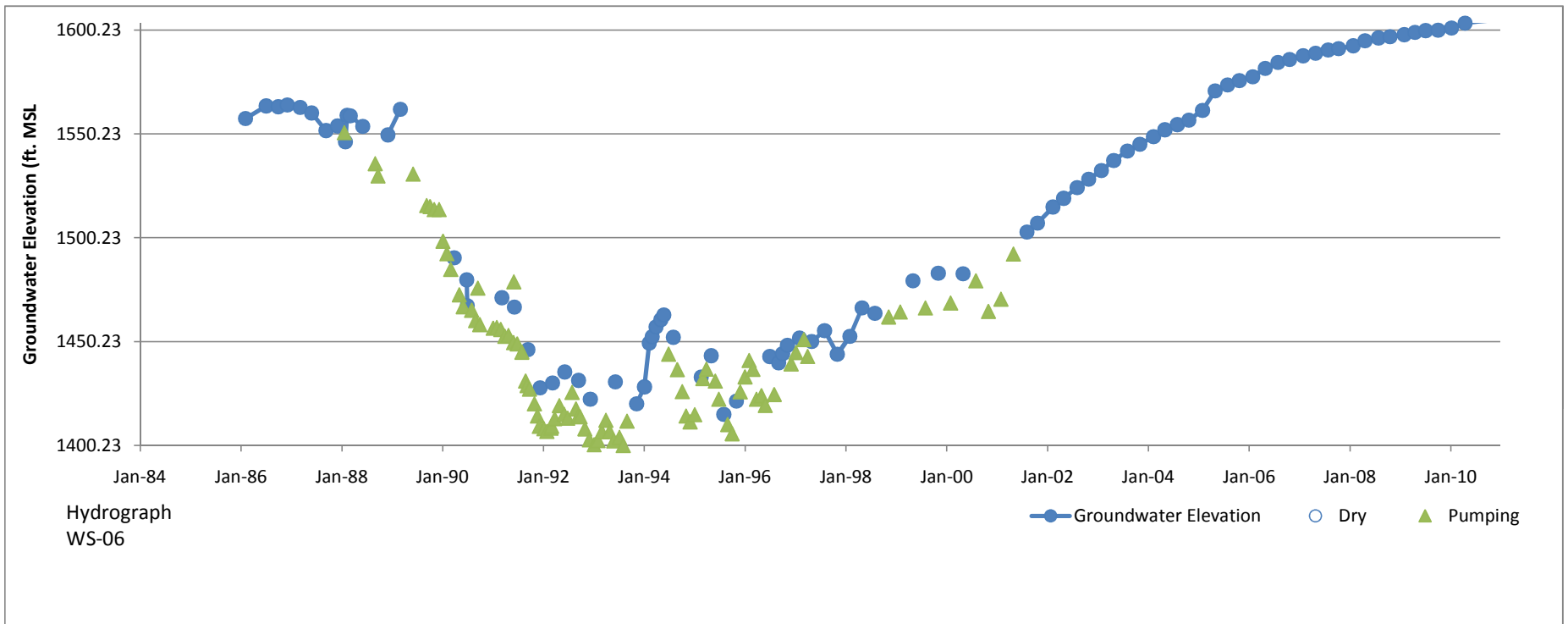


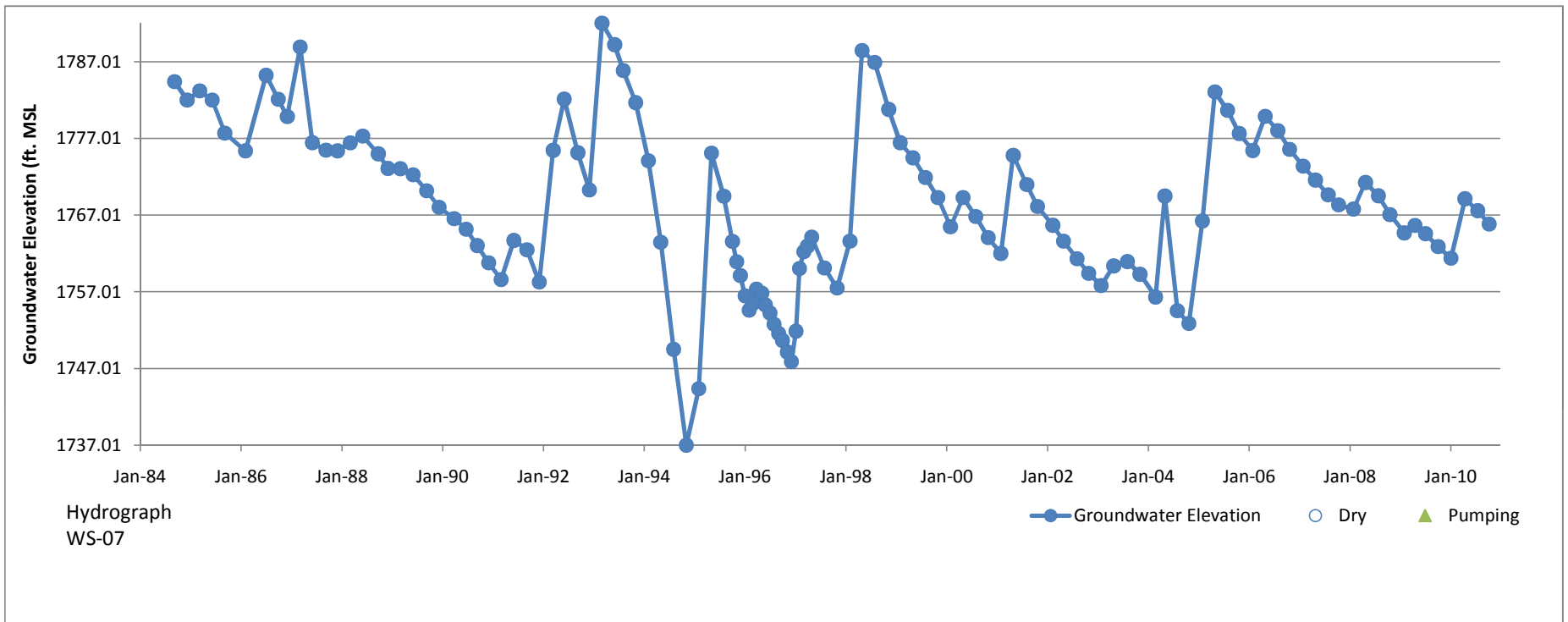


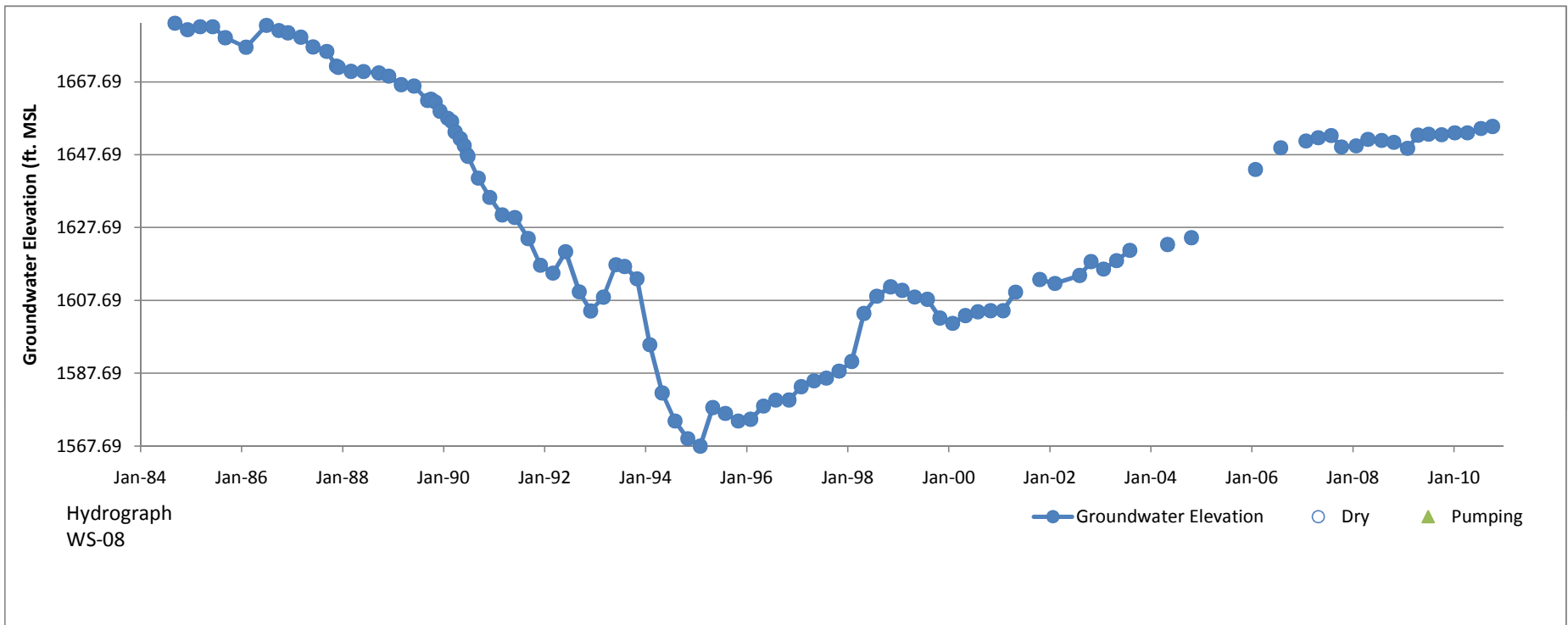


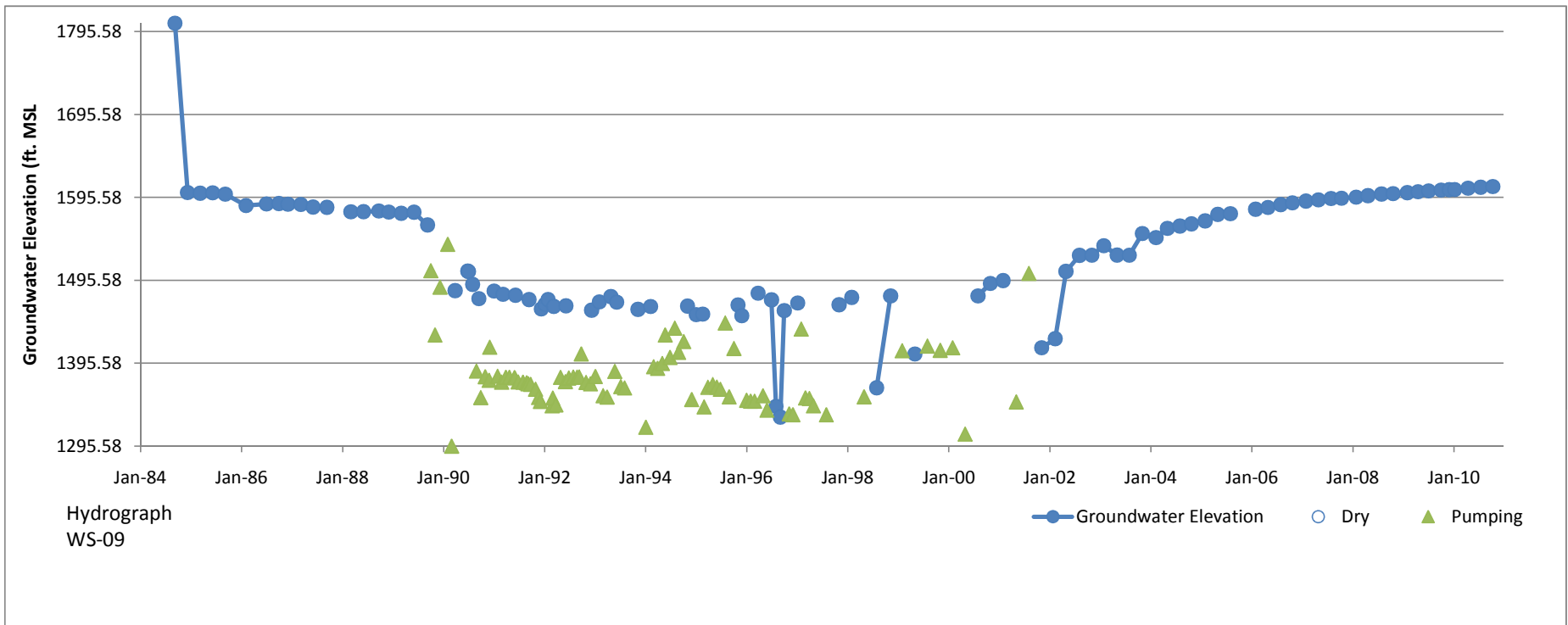


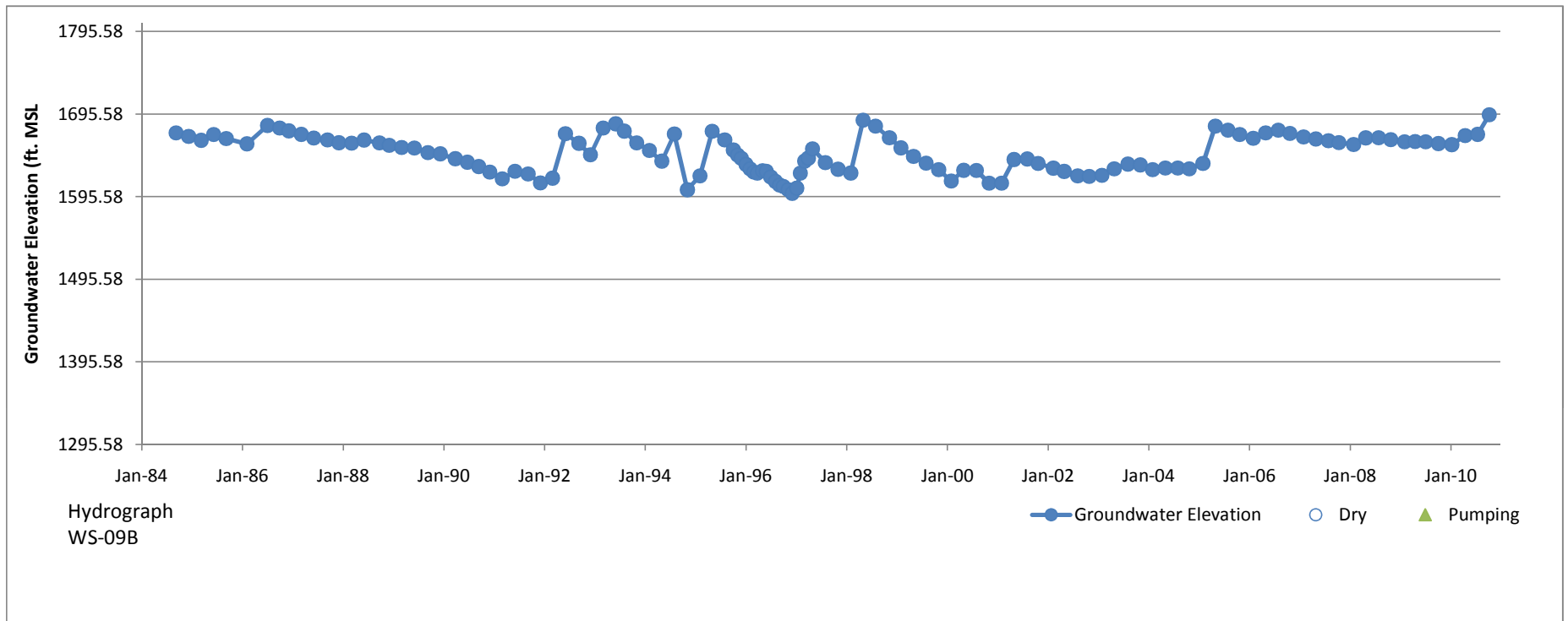


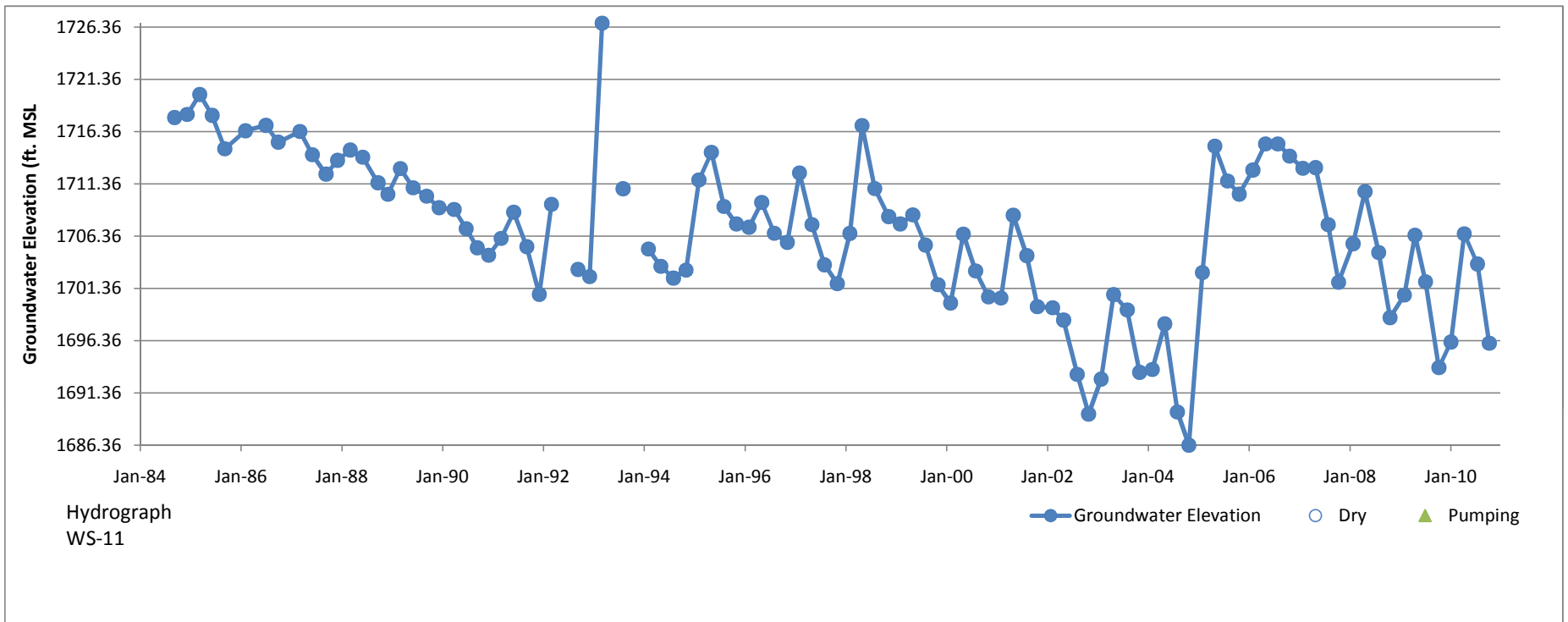


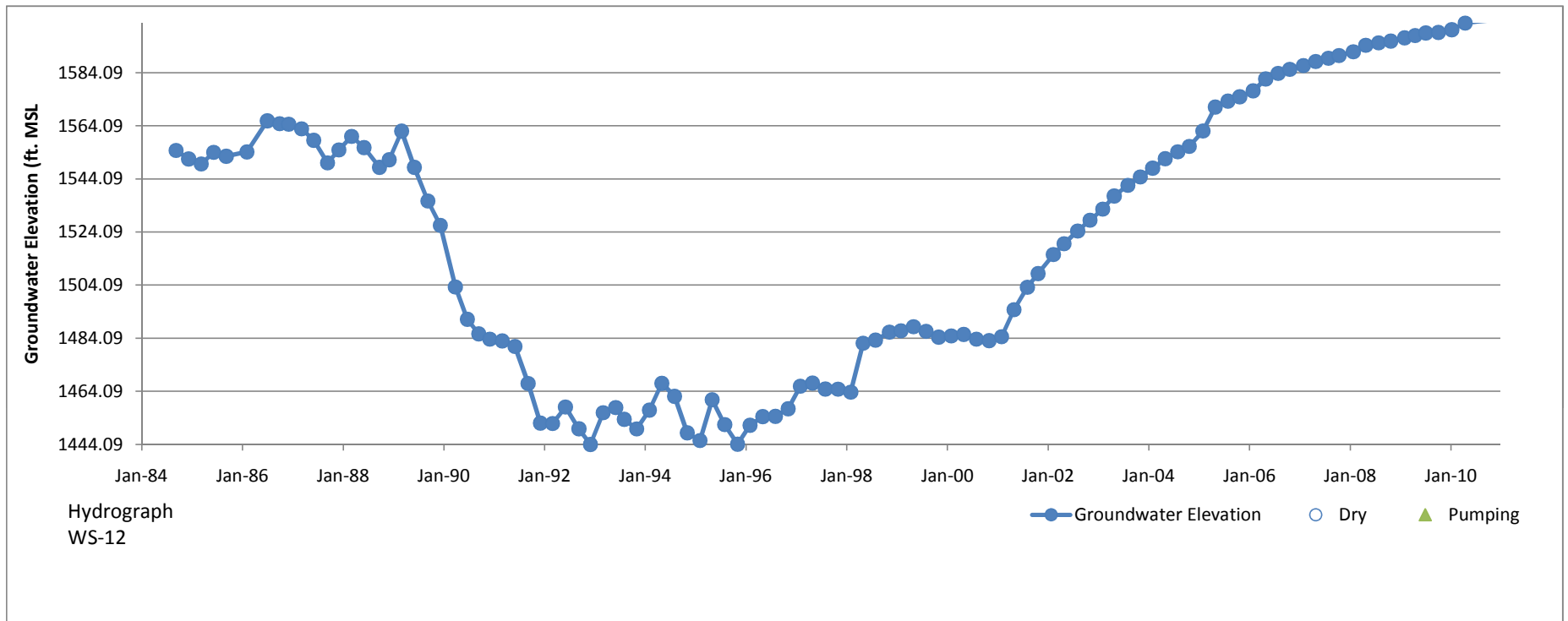


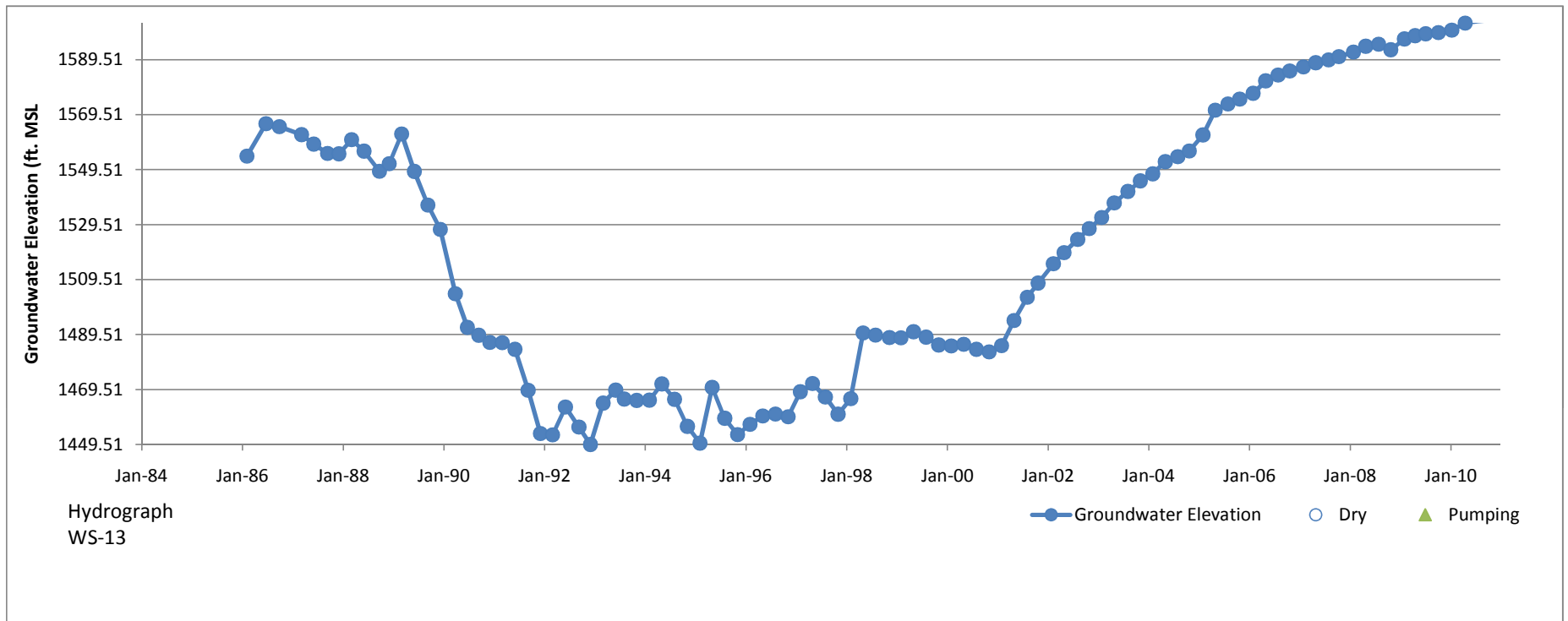


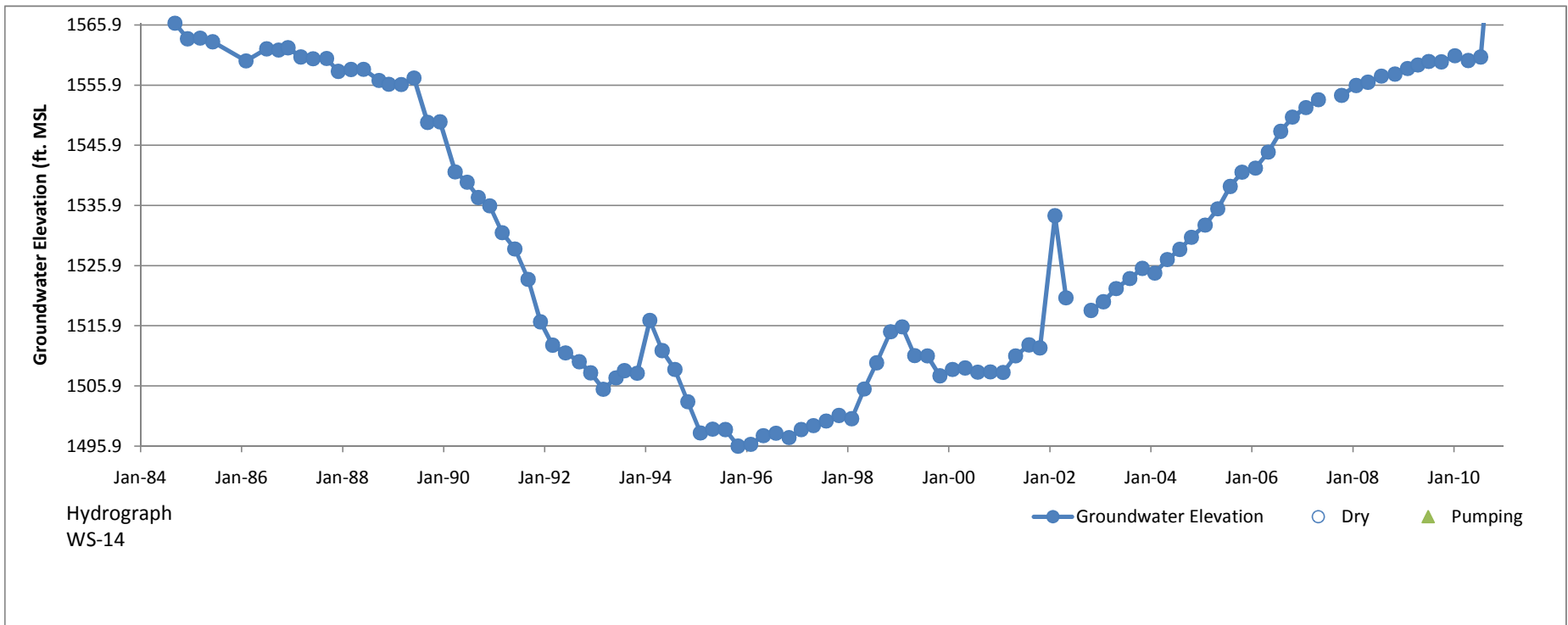


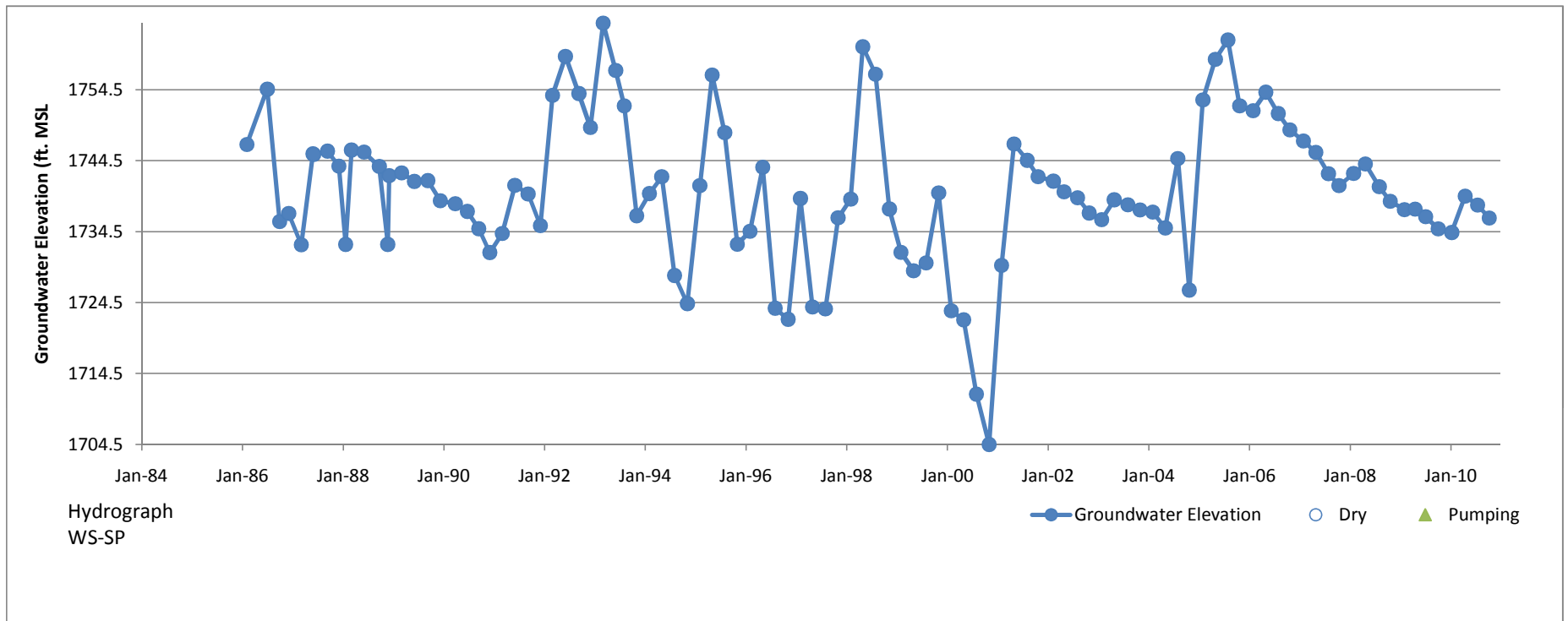






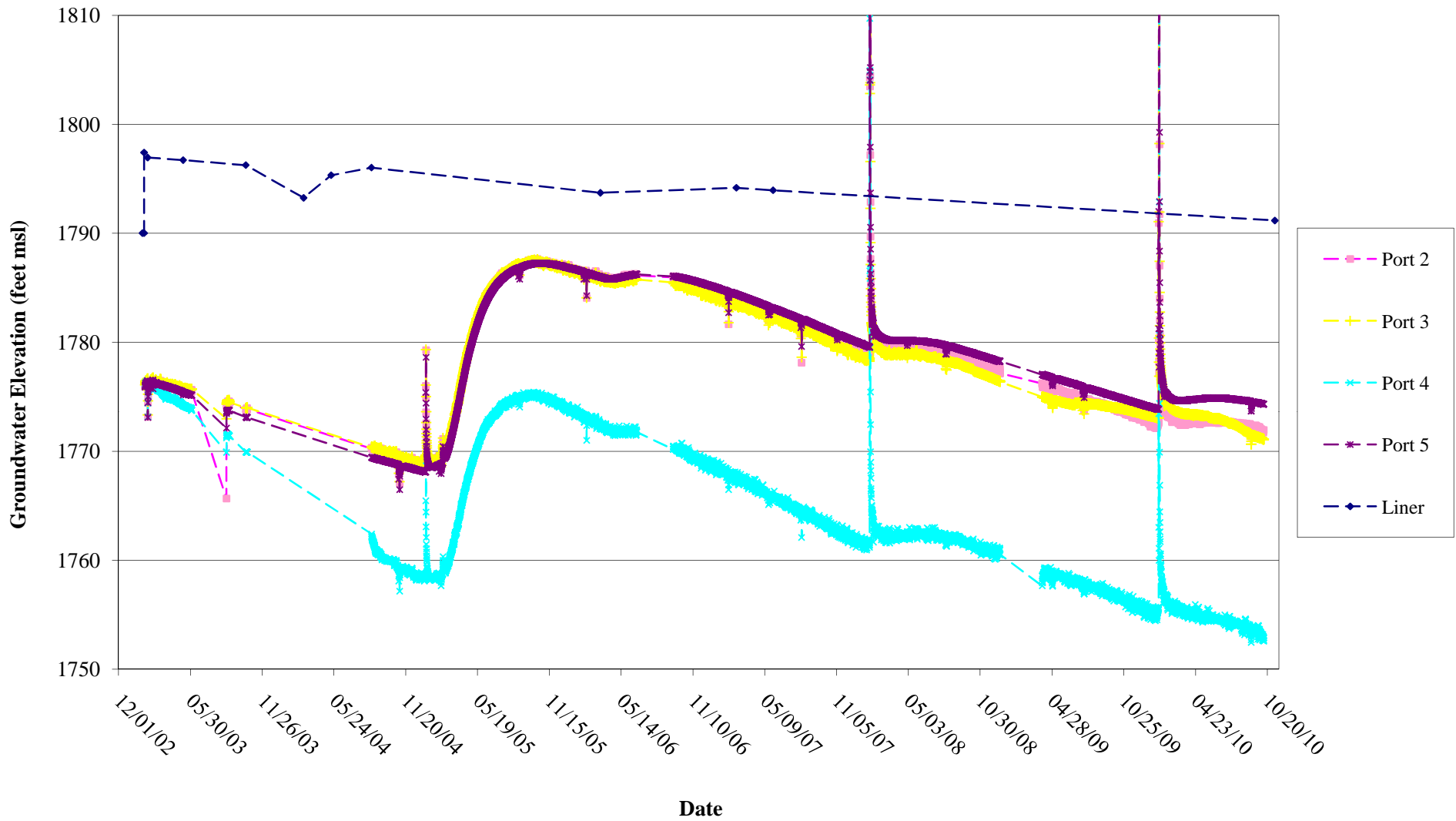




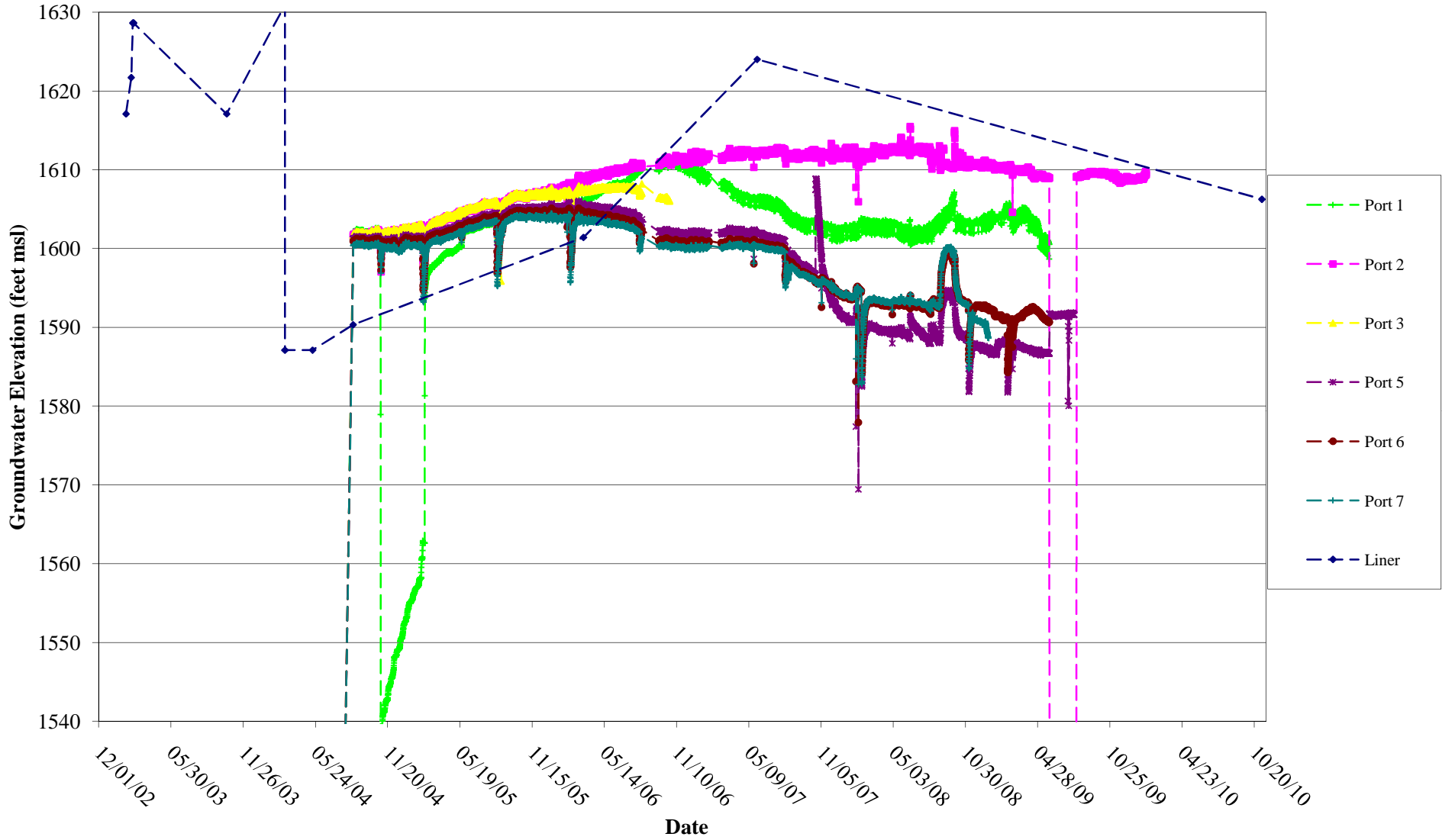


FLUTe WELLS

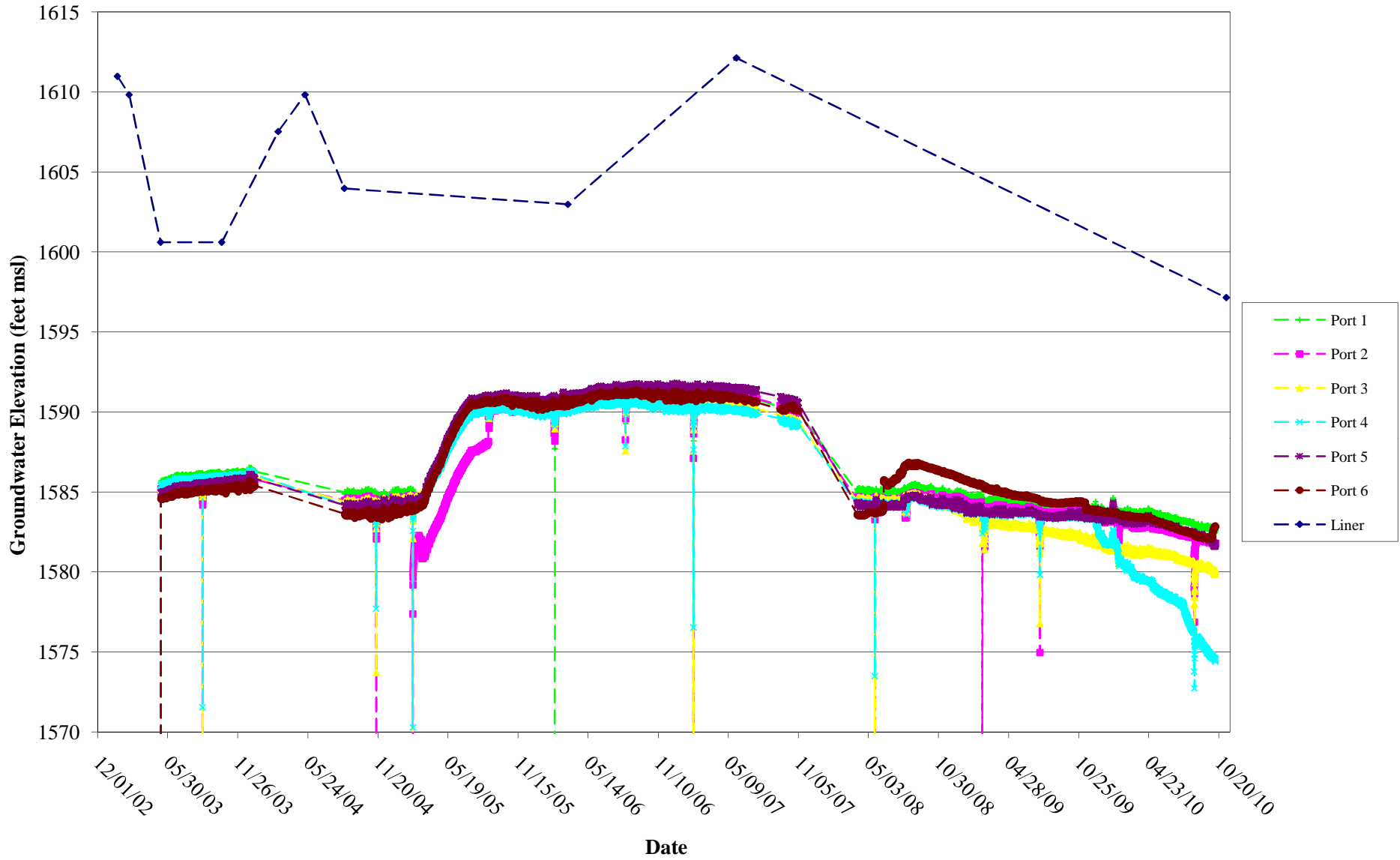
RD-21 FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1866.96 feet msl



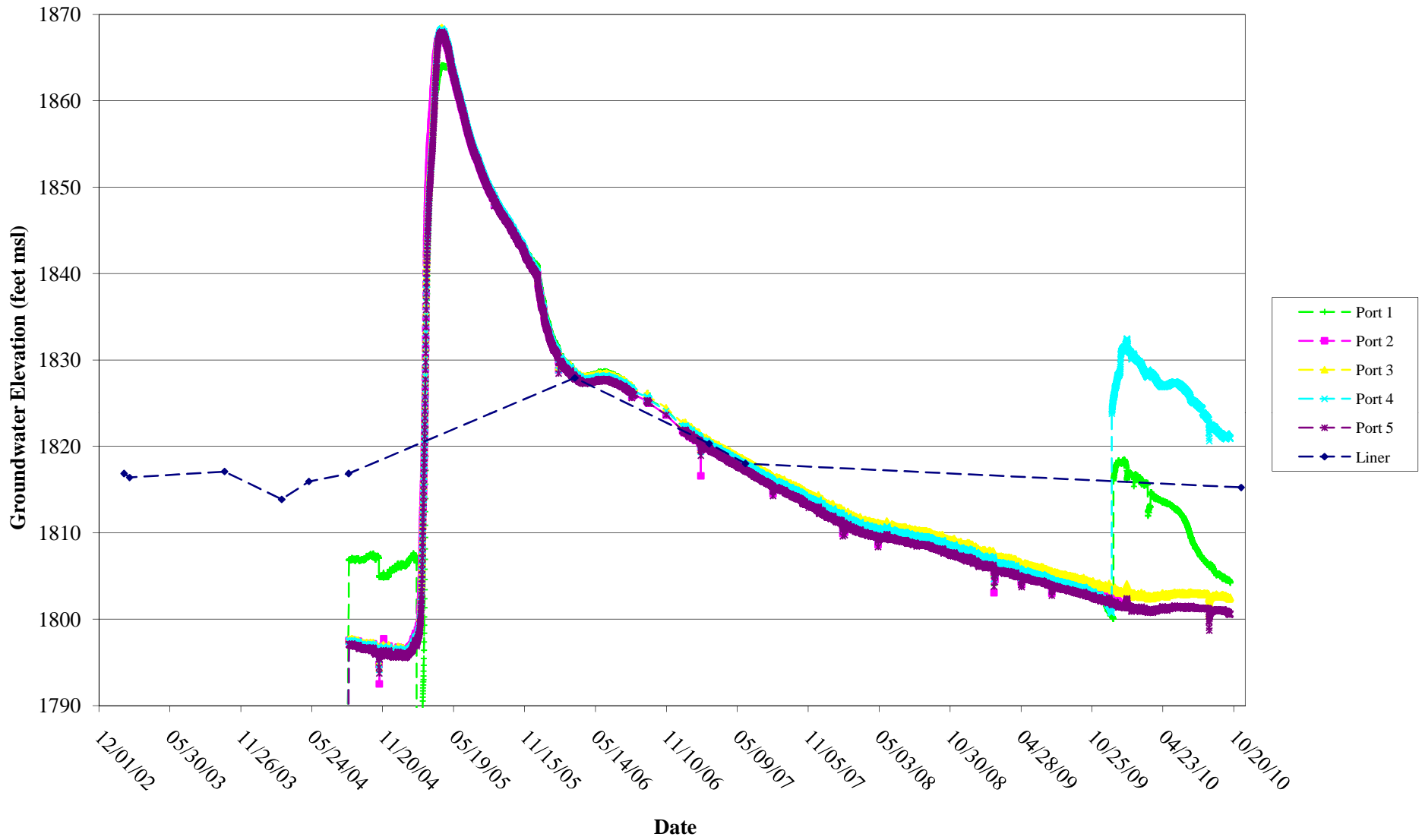
RD-23 FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1836.37 feet msl



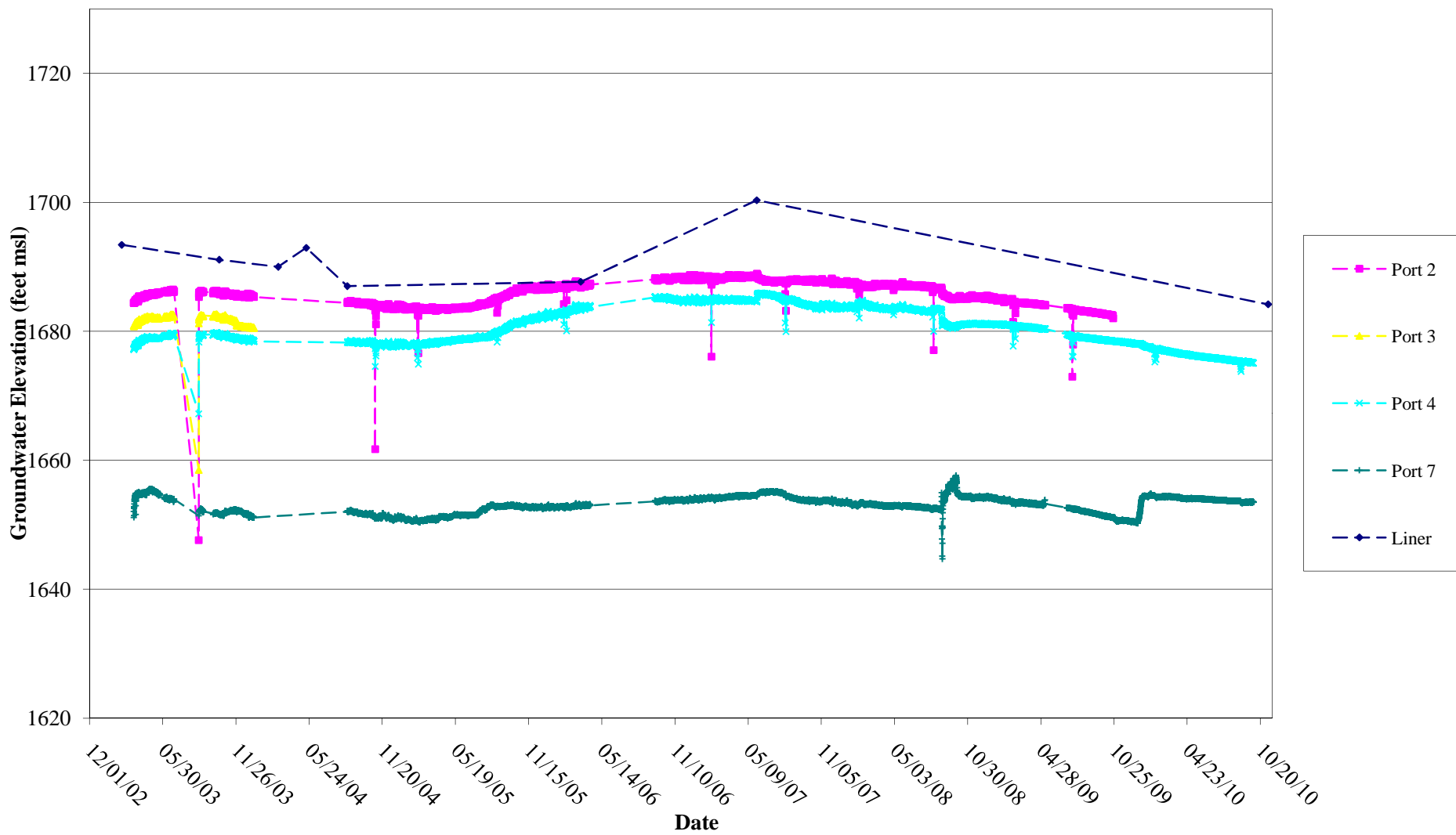
RD-33A FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1792.97 feet msl



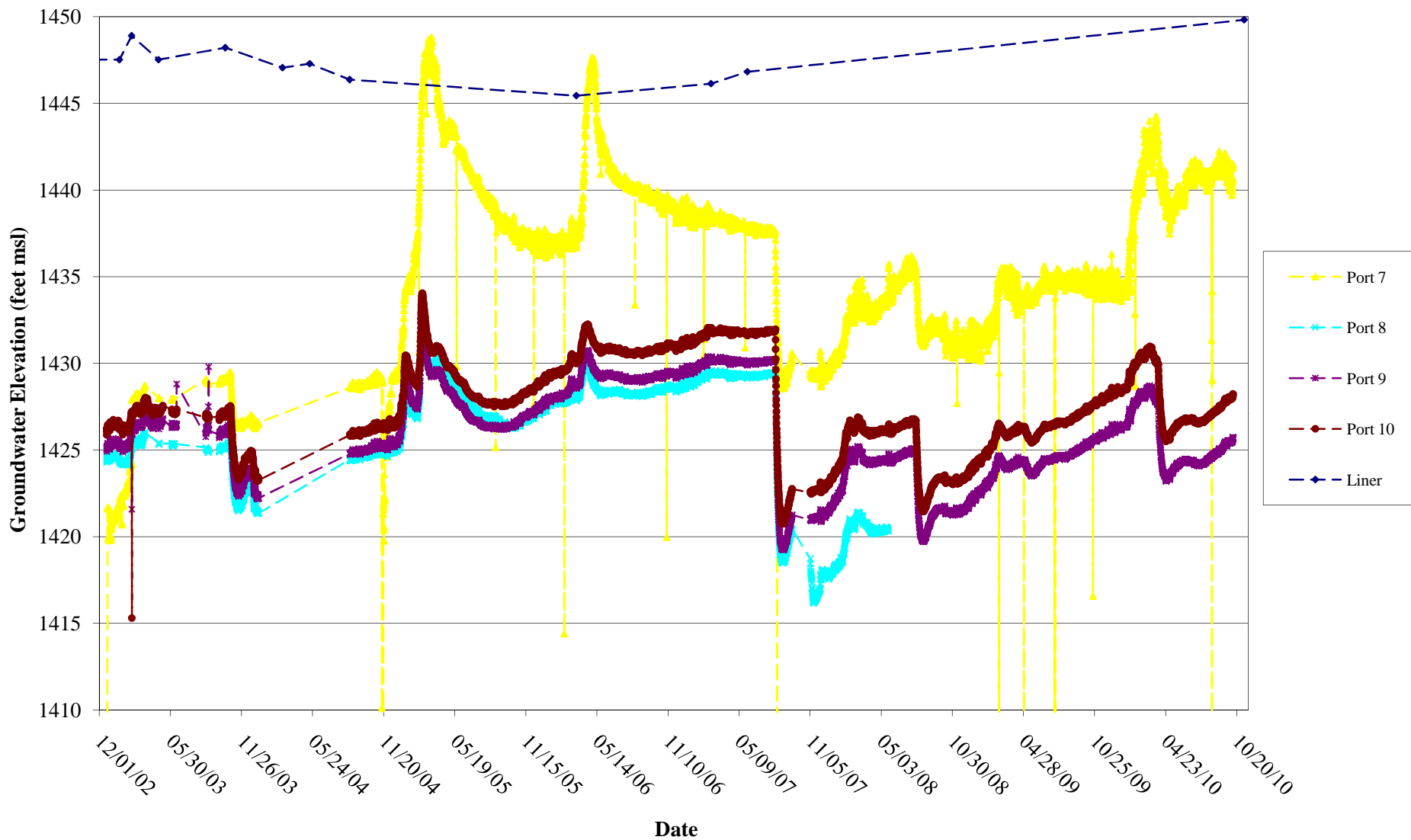
RD-50 FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1914.88 feet msl



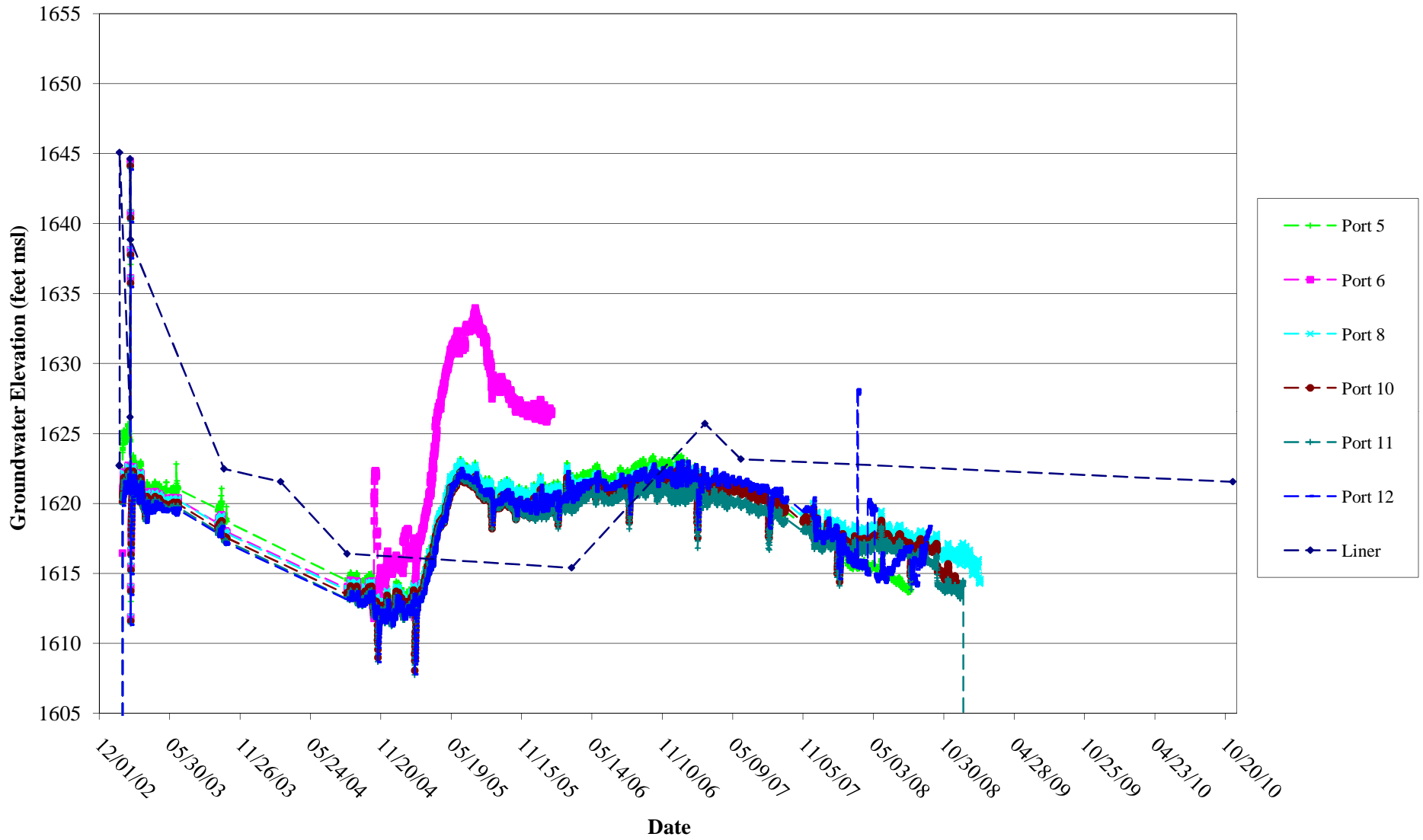
RD-54A FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1834.99 feet msl



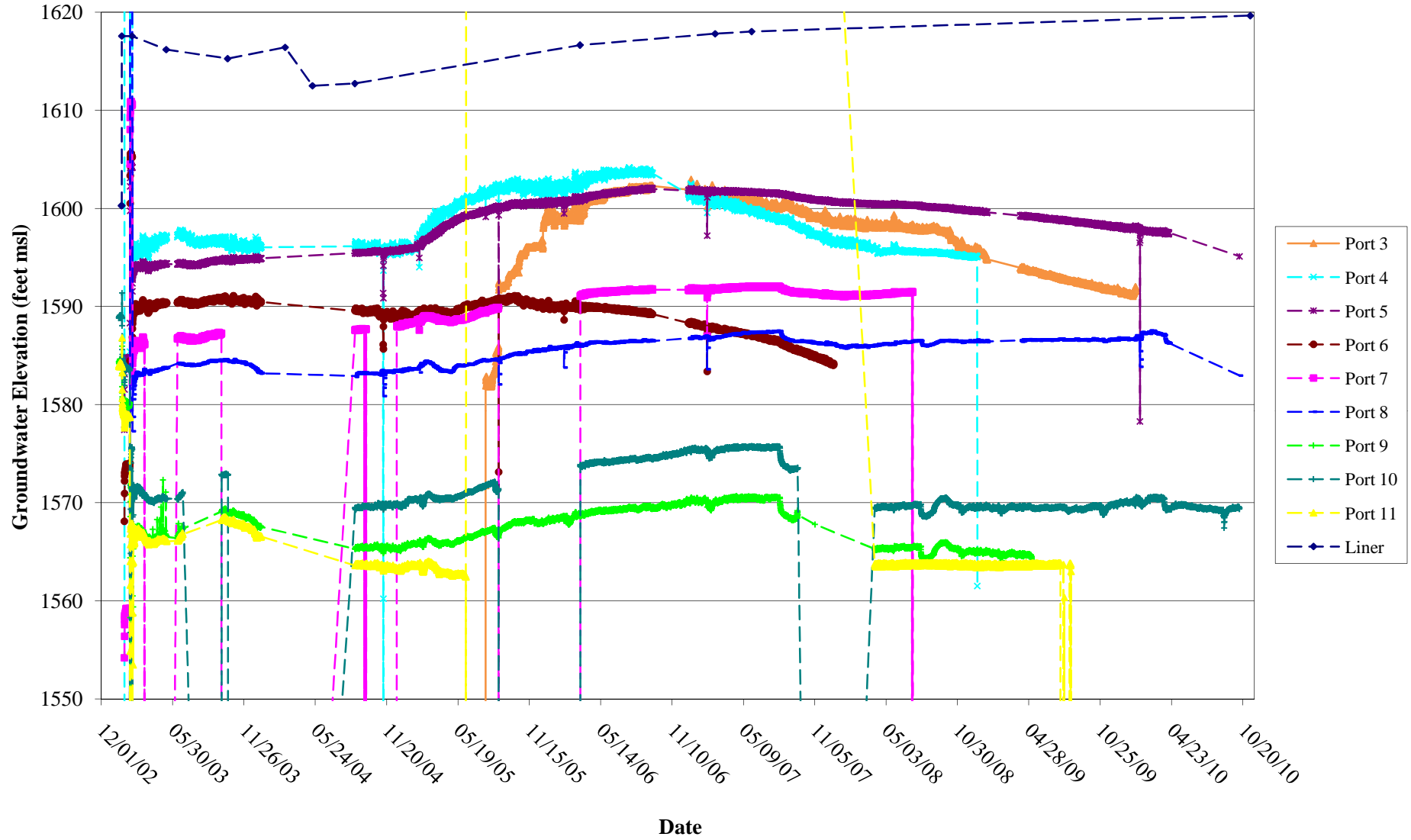
RD-57 FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1774.15 feet msl



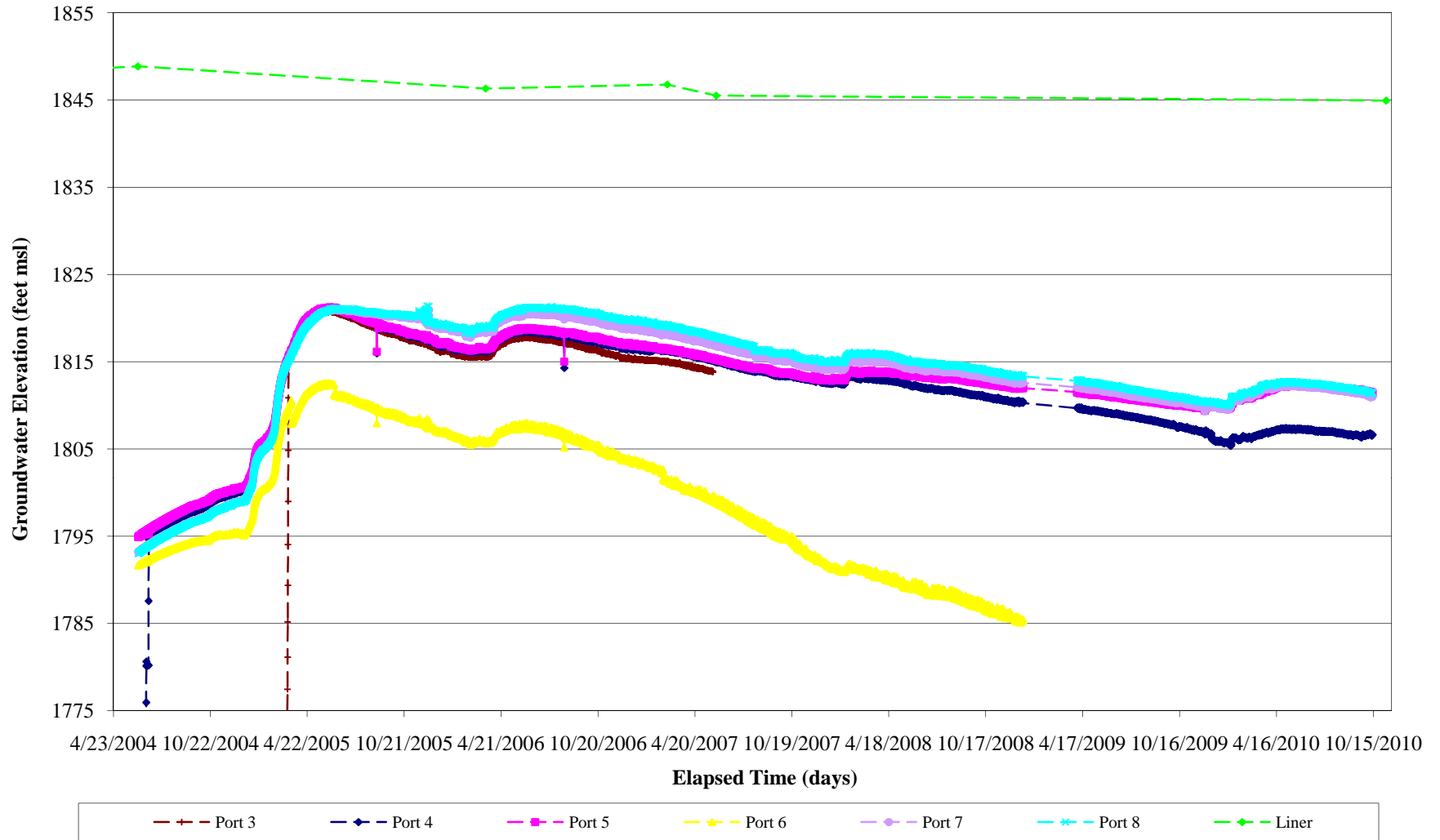
RD-64 FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1852.40 feet msl



RD-65 FLUTe Liner
Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1819.14 feet msl



RD-72 FLUTe Liner Groundwater Elevation vs Time
Top-of-Casing Reference Elevation = 1907.25 feet msl



WESTBAY WELLS

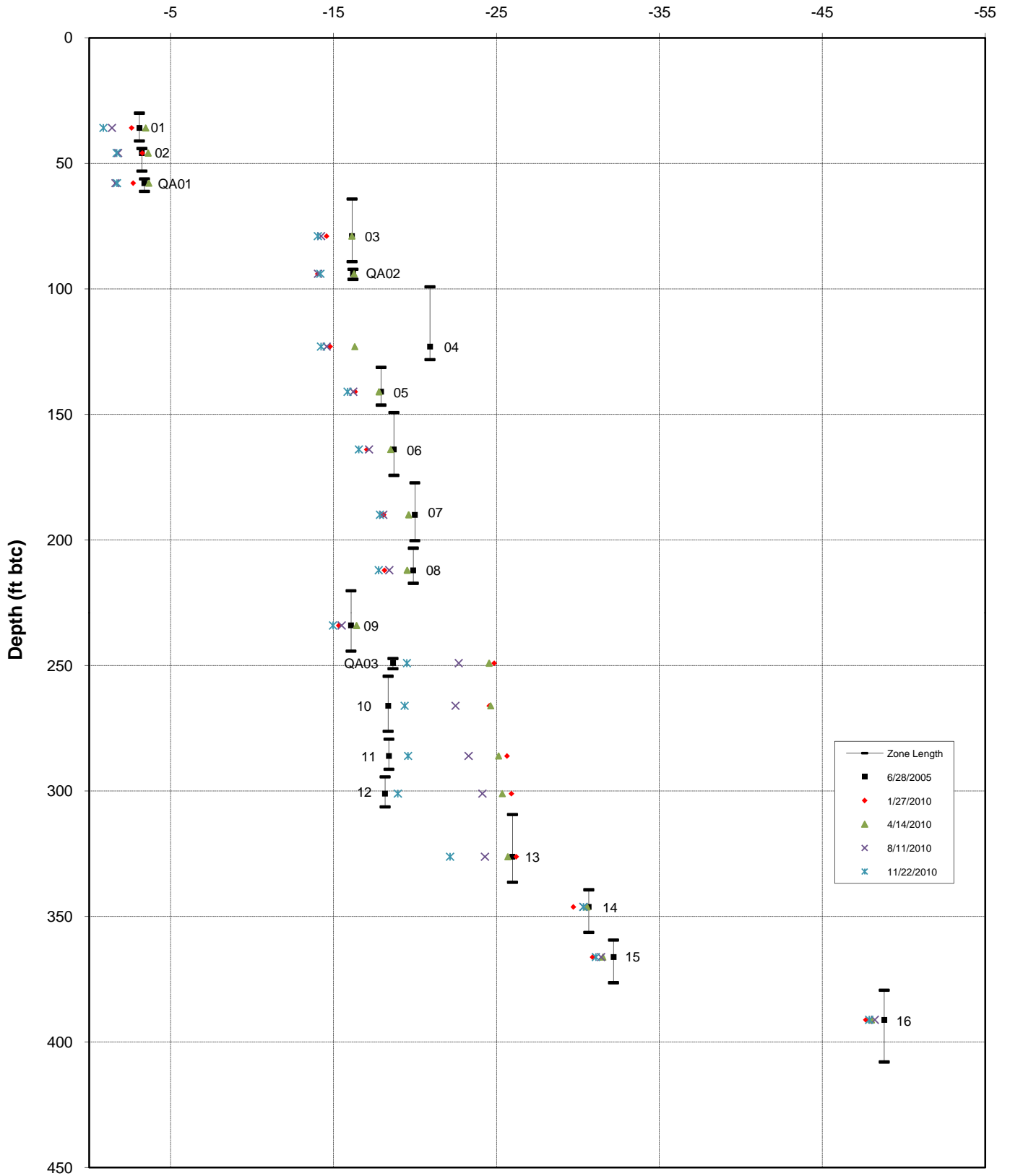
Piezometric Profile

OS-09R Westbay Multilevel System

Equivalent Depth To Water (ft btc)

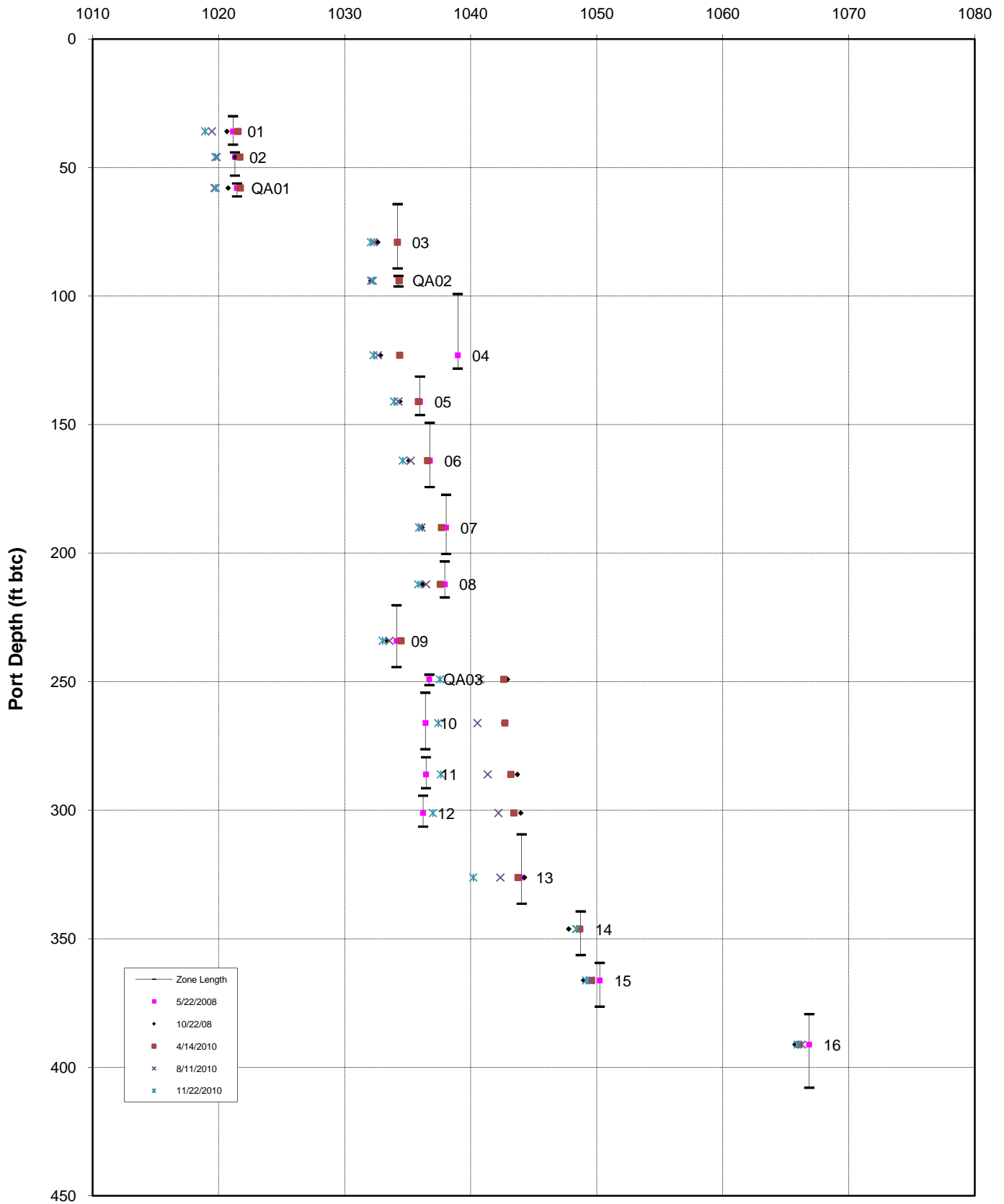
TOC Reference Elevation = 1018.06 feet msl

NOTE: Negative values on x-axis indicate artesian conditions



OS-09R Westbay Multilevel System

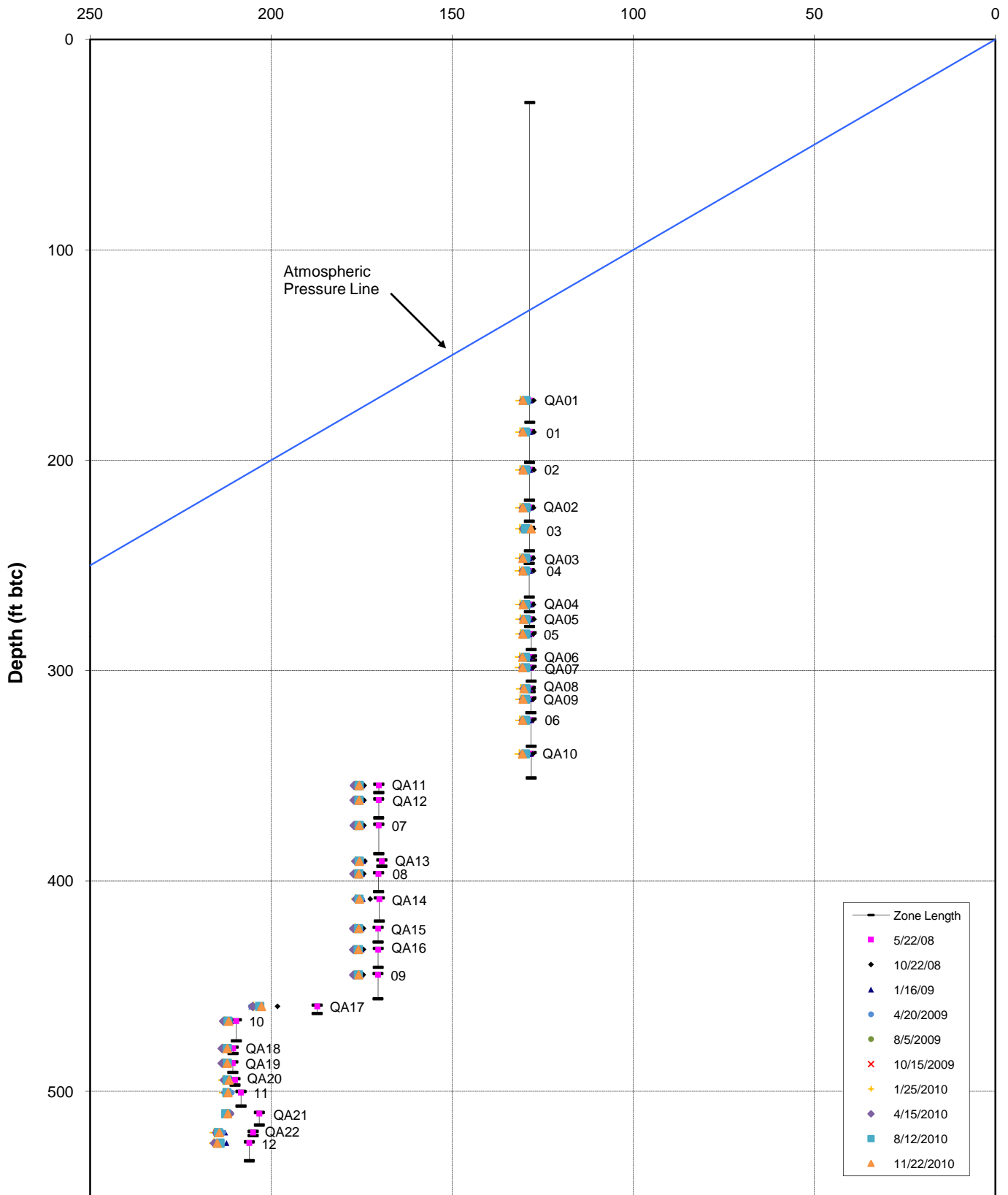
Groundwater Elevation (ft MSL)



Piezometric Profile

RD-31 Westbay Multilevel System

Equivalent Depth To Water (ft btc)
 TOC Reference Elevation = 1944.55 feet msl



Piezometric Profile

RD-31 Westbay Multilevel System

Groundwater Elevation (ft MSL)

