
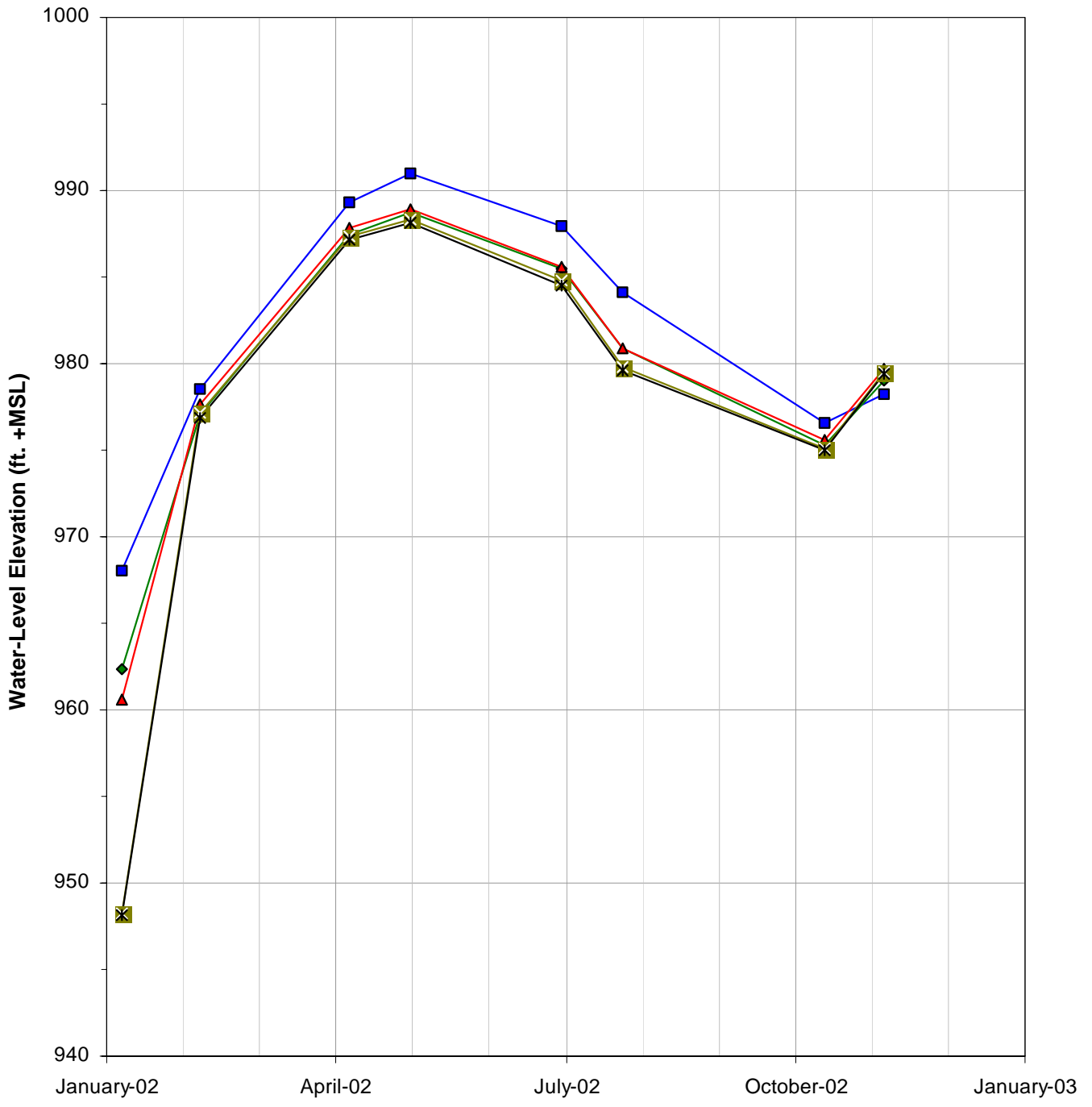


FIGURE 5-1
 ANNUAL HYDROGRAPH FOR DEEP
 MULTI-PORT WELL MW-3
 2002
 Jet Propulsion Laboratory
 Pasadena, California
 SOTA Environmental Technology, Inc.



- Screen 1
- ◆— Screen 2
- ▲— Screen 3
- ⊗— Screen 4
- *— Screen 5

FIGURE 5-2
 ANNUAL HYDROGRAPH FOR DEEP
 MULTI-PORT WELL MW-4
 2002
 Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc. SOTA Environmental Technology, Inc.

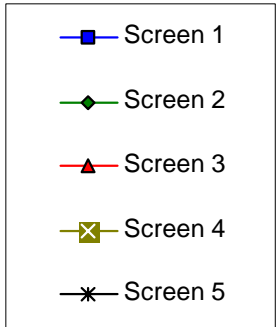
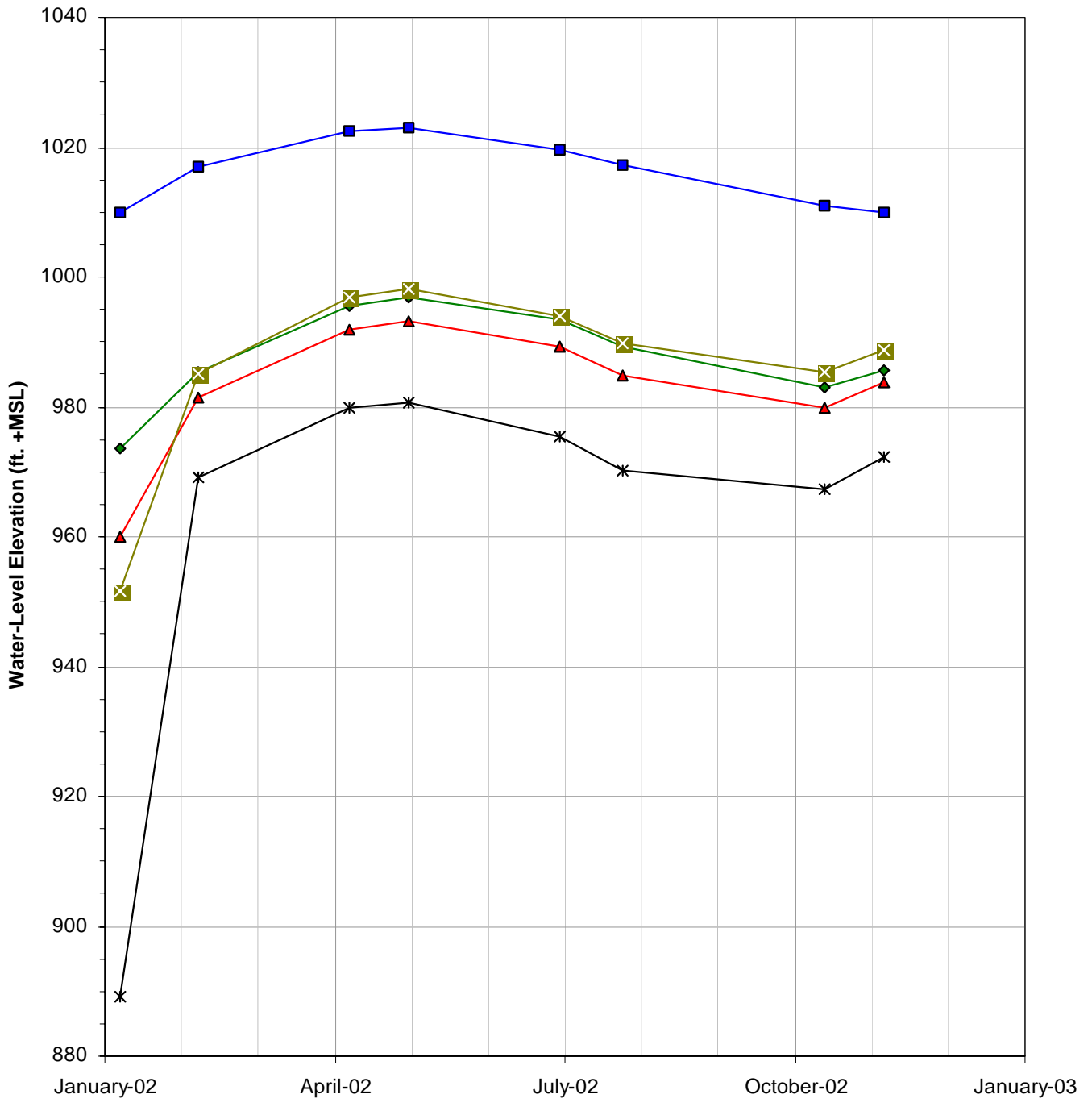



FIGURE 5-3
 ANNUAL HYDROGRAPH FOR DEEP
 MULTI-PORT WELL MW-11
 2002
 Jet Propulsion Laboratory
 Pasadena, California
 SOTA Environmental Technology, Inc.

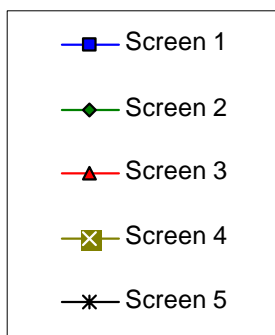
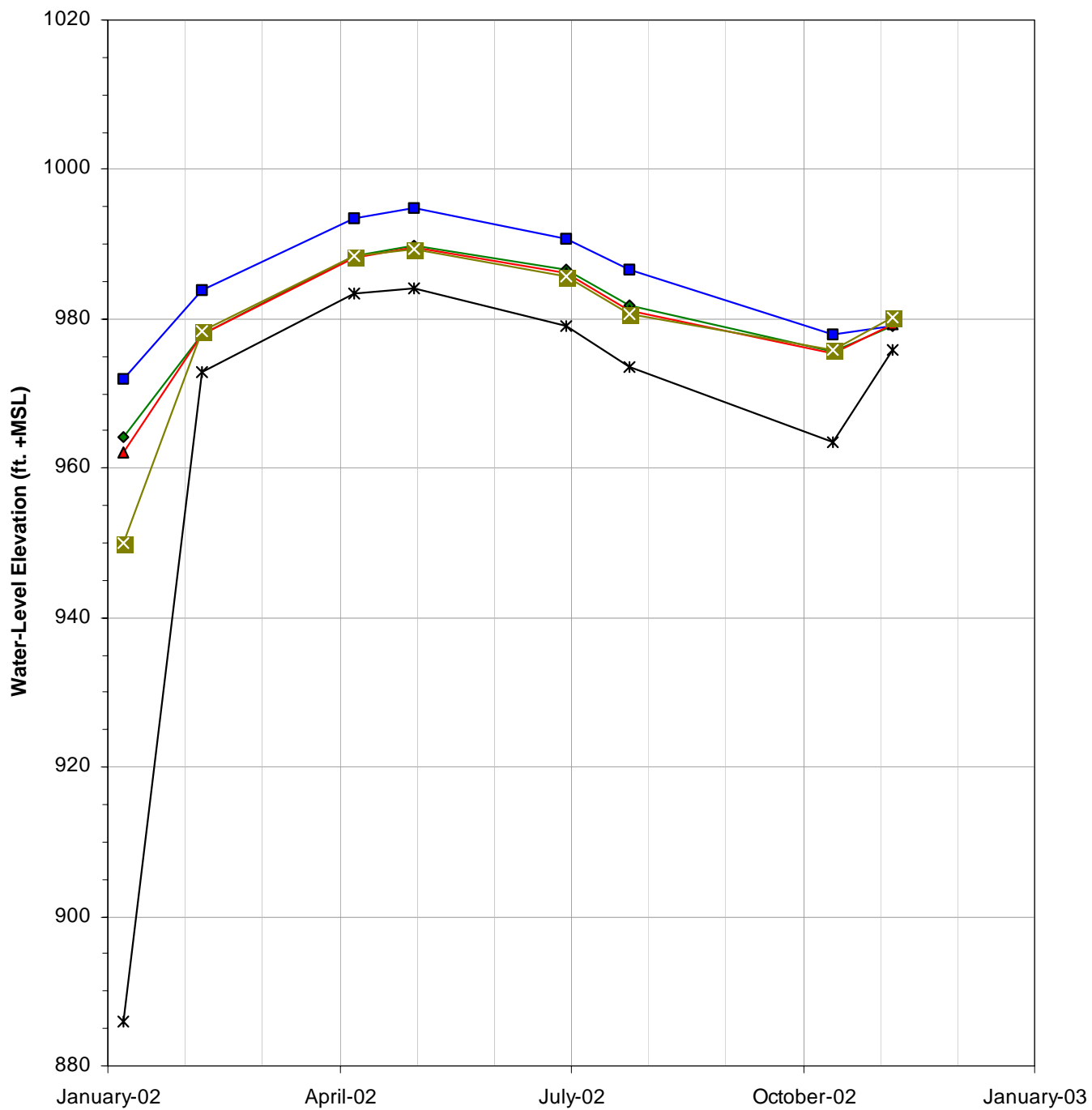



FIGURE 5-4
 ANNUAL HYDROGRAPH FOR DEEP
 MULTI-PORT WELL MW-12
 2002
 Jet Propulsion Laboratory
 Pasadena, California
 SOTA Environmental Technology, Inc.

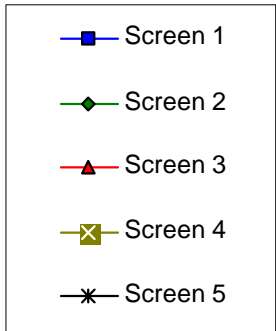
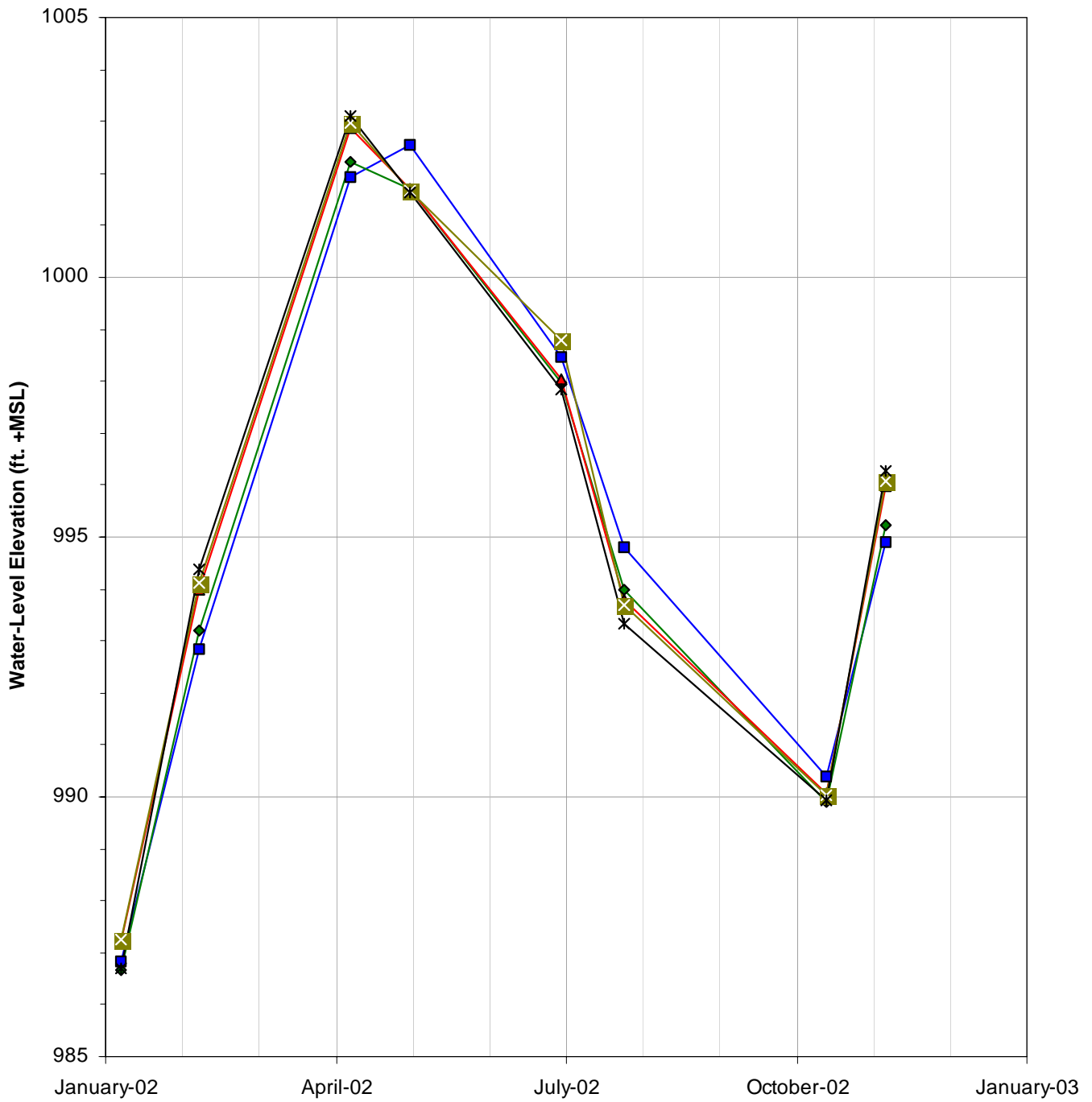



FIGURE 5-5
 ANNUAL HYDROGRAPH FOR DEEP
 MULTI-PORT WELL MW-14
 2002
 Jet Propulsion Laboratory
 Pasadena, California
 SOTA Environmental Technology, Inc.

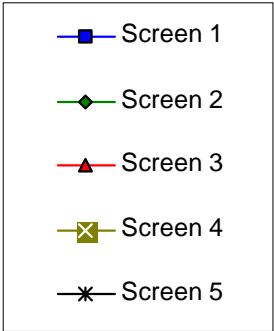
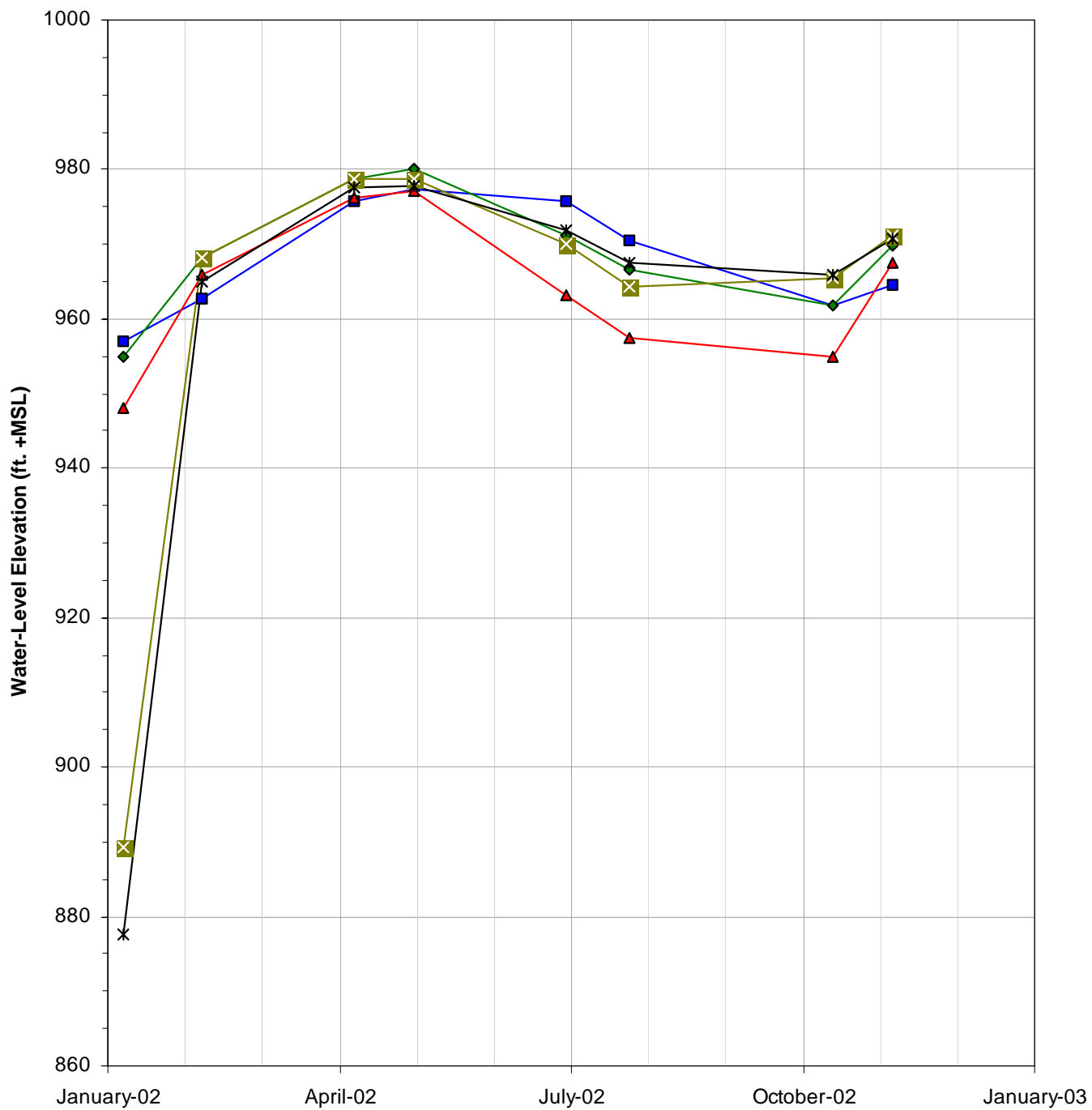


FIGURE 5-6
 ANNUAL HYDROGRAPH FOR DEEP
 MULTI-PORT WELL MW-17

Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc. SOTA Environmental Technology, Inc.

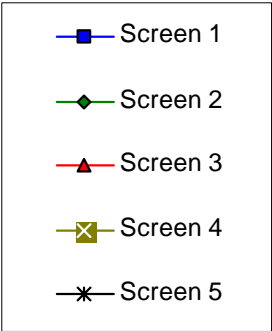
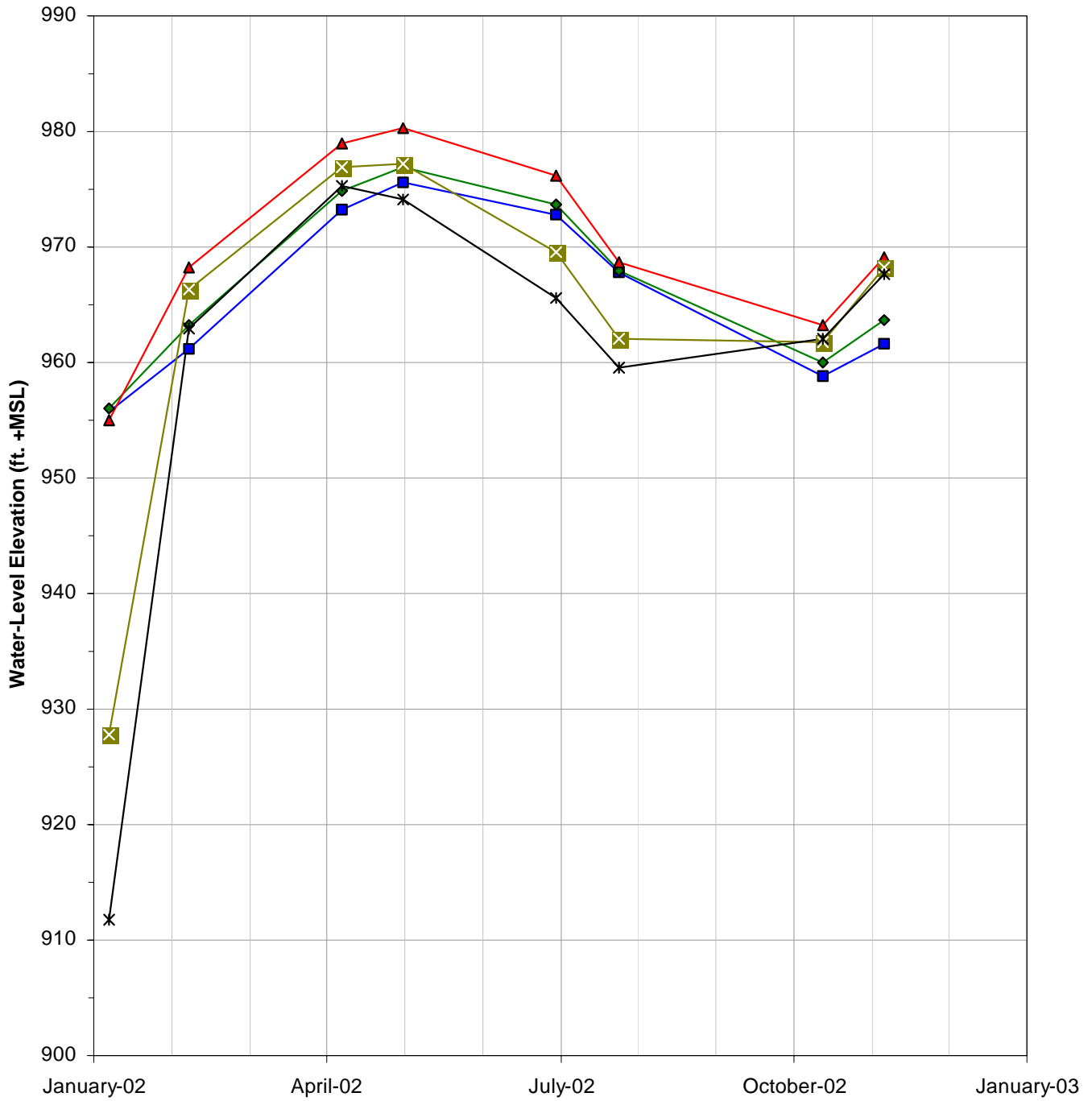


FIGURE 5-7
 ANNUAL HYDROGRAPH FOR DEEP
 MULTI-PORT WELL MW-18

Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc. SOTA Environmental Technology, Inc.

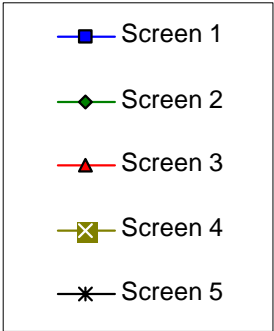
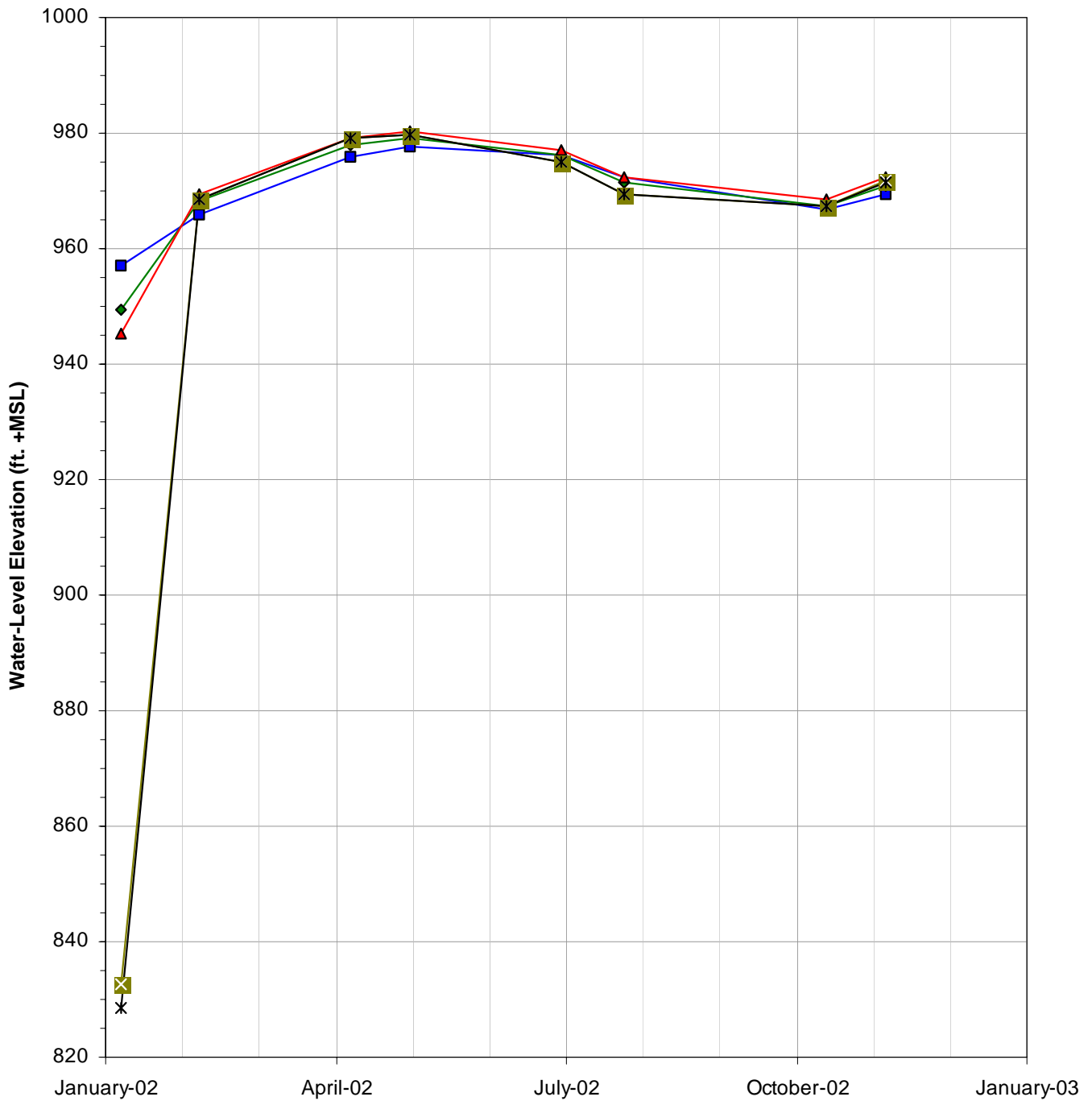


FIGURE 5-8
 ANNUAL HYDROGRAPH FOR DEEP
 MULTI-PORT WELL MW-19

Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc. SOTA Environmental Technology, Inc.

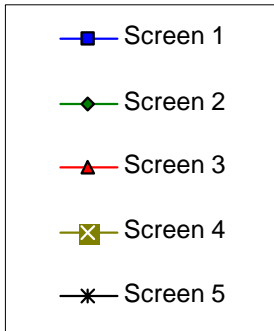
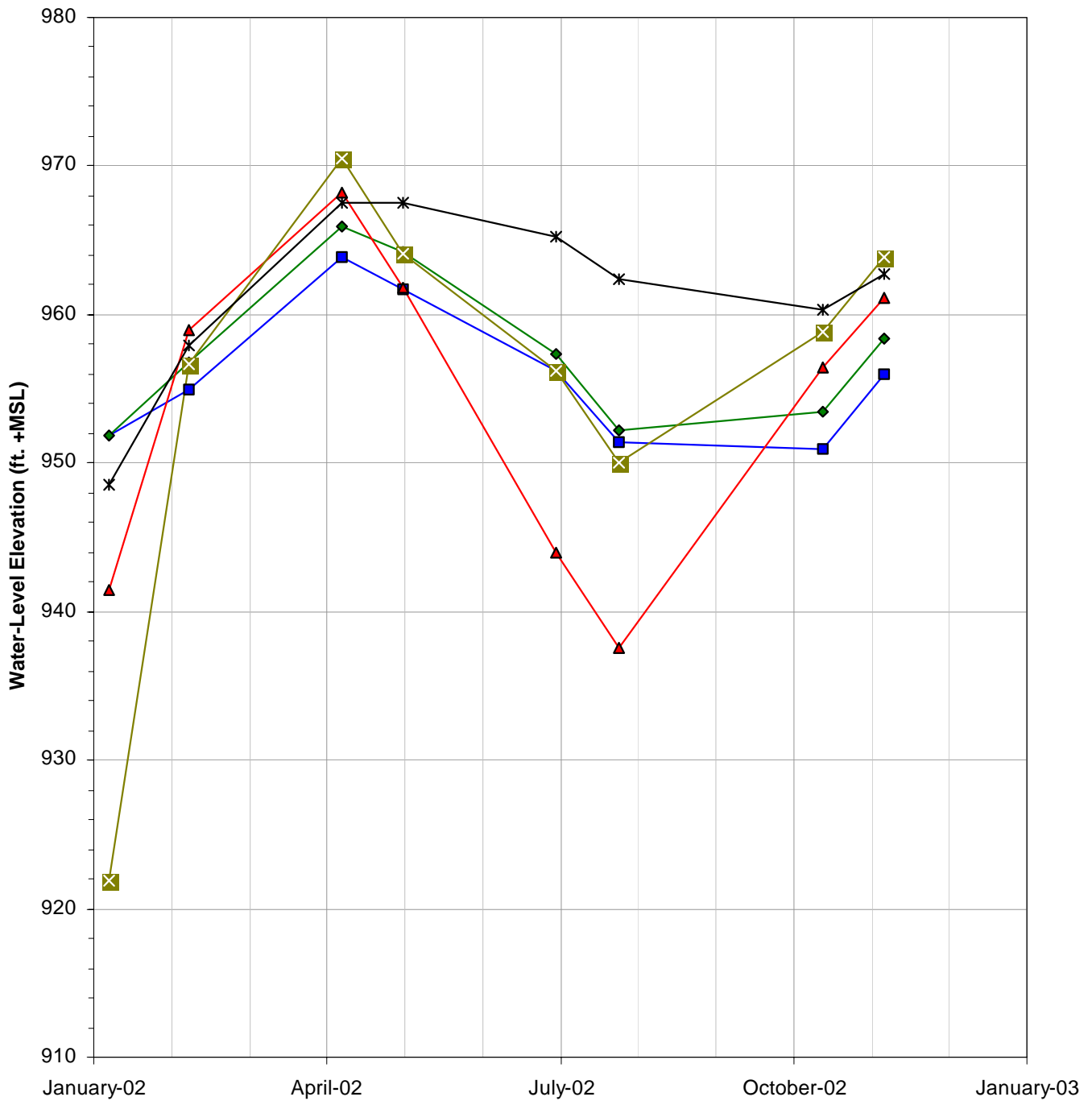


FIGURE 5-9
 ANNUAL HYDROGRAPH FOR DEEP
 MULTI-PORT WELL MW-20

Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc. SOTA Environmental Technology, Inc.

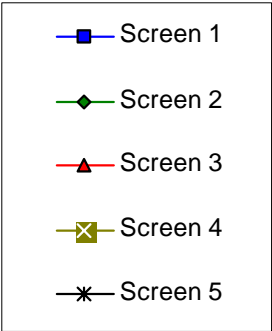
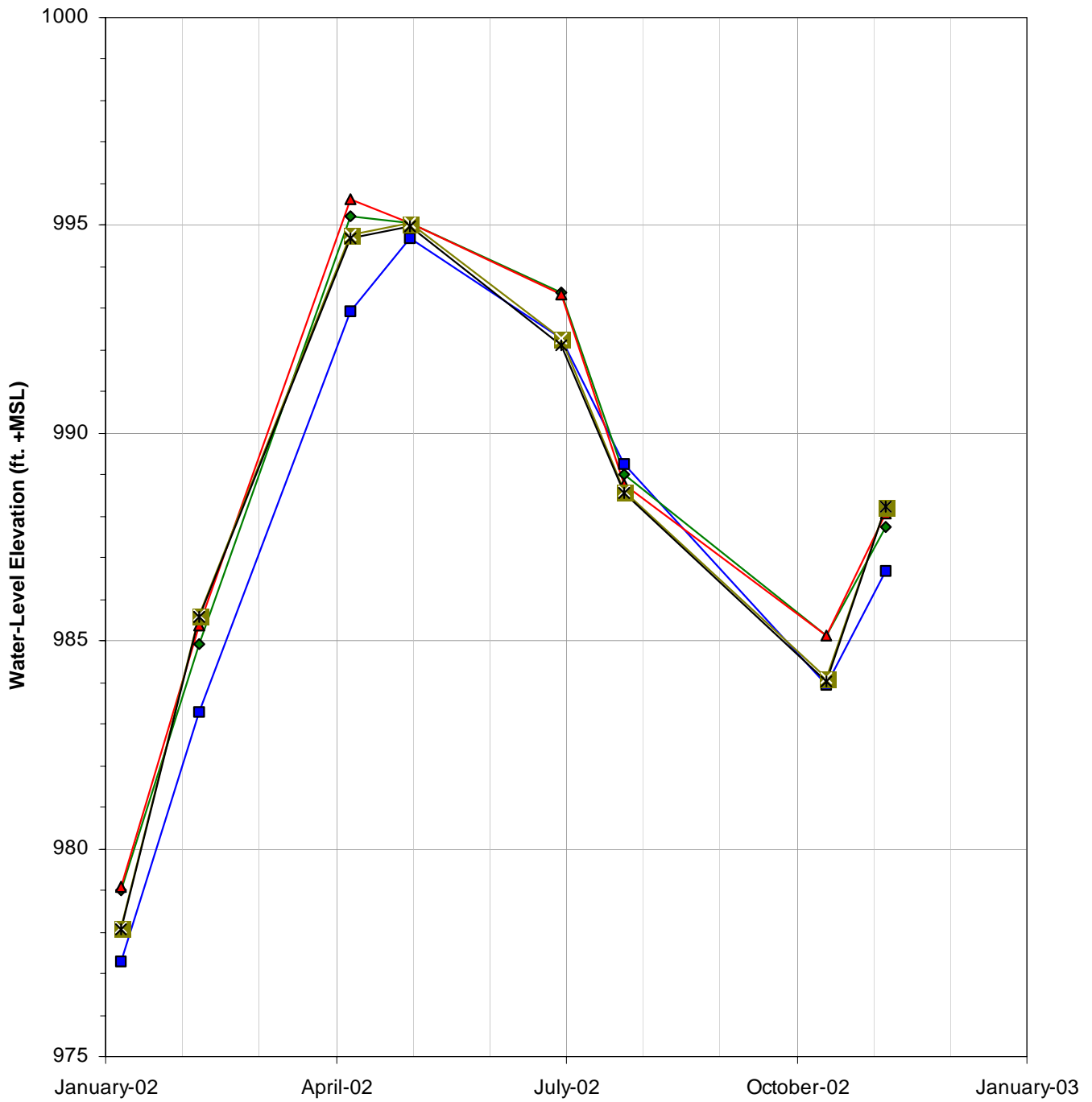


FIGURE 5-10
 ANNUAL HYDROGRAPH FOR DEEP
 MULTI-PORT WELL MW-21

Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc. SOTA Environmental Technology, Inc.

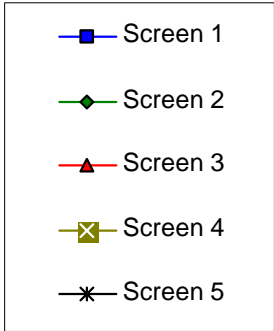
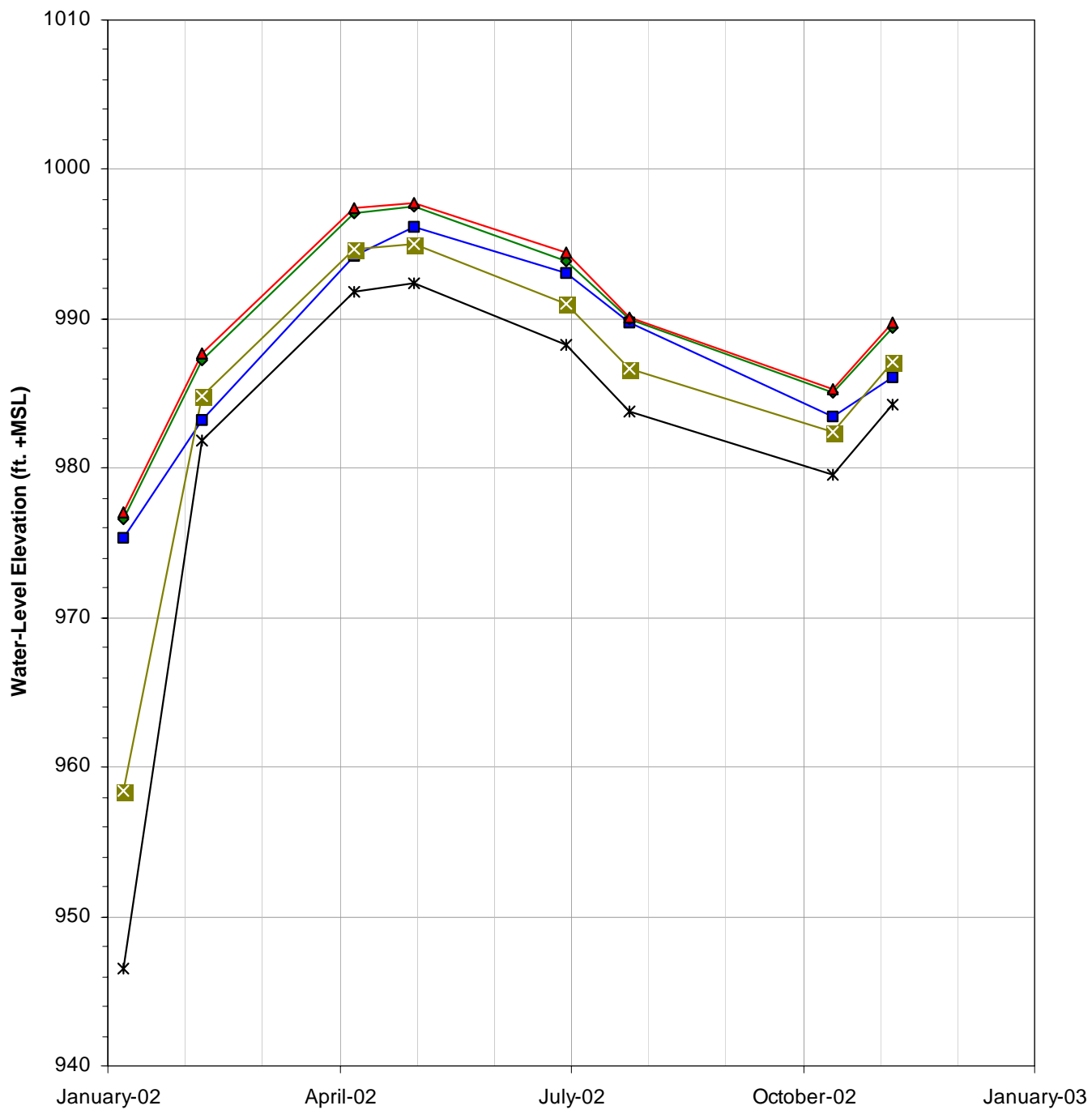


FIGURE 5-11
 ANNUAL HYDROGRAPH FOR DEEP
 MULTI-PORT WELL MW-22

Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc. SOTA Environmental Technology, Inc.

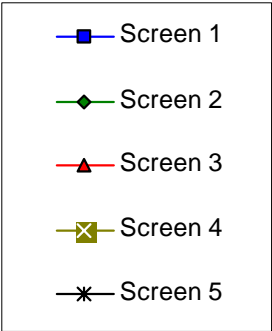
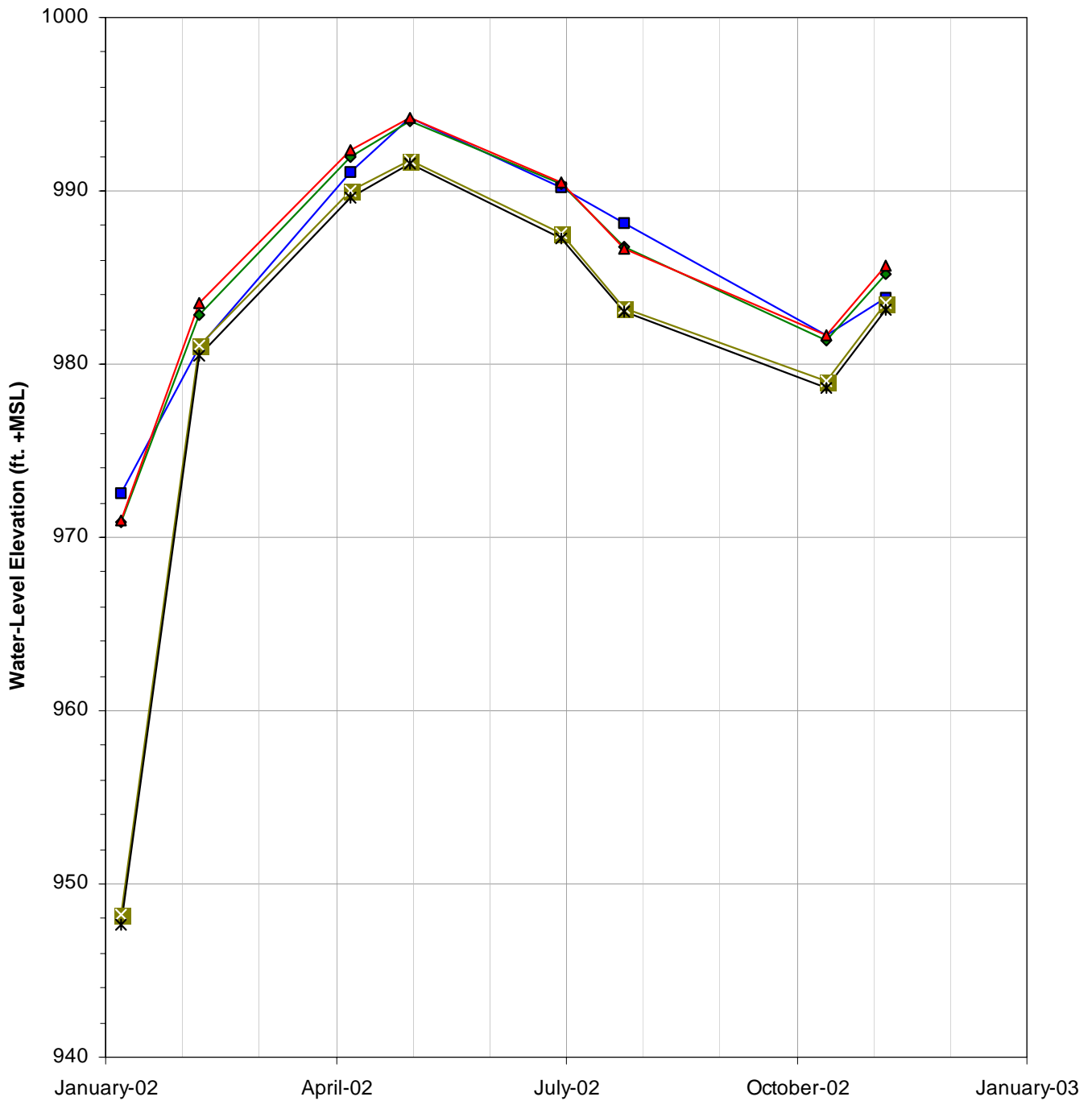


FIGURE 5-12
 ANNUAL HYDROGRAPH FOR DEEP
 MULTI-PORT WELL MW-23

Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc. SOTA Environmental Technology, Inc.

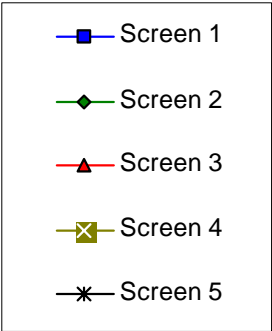
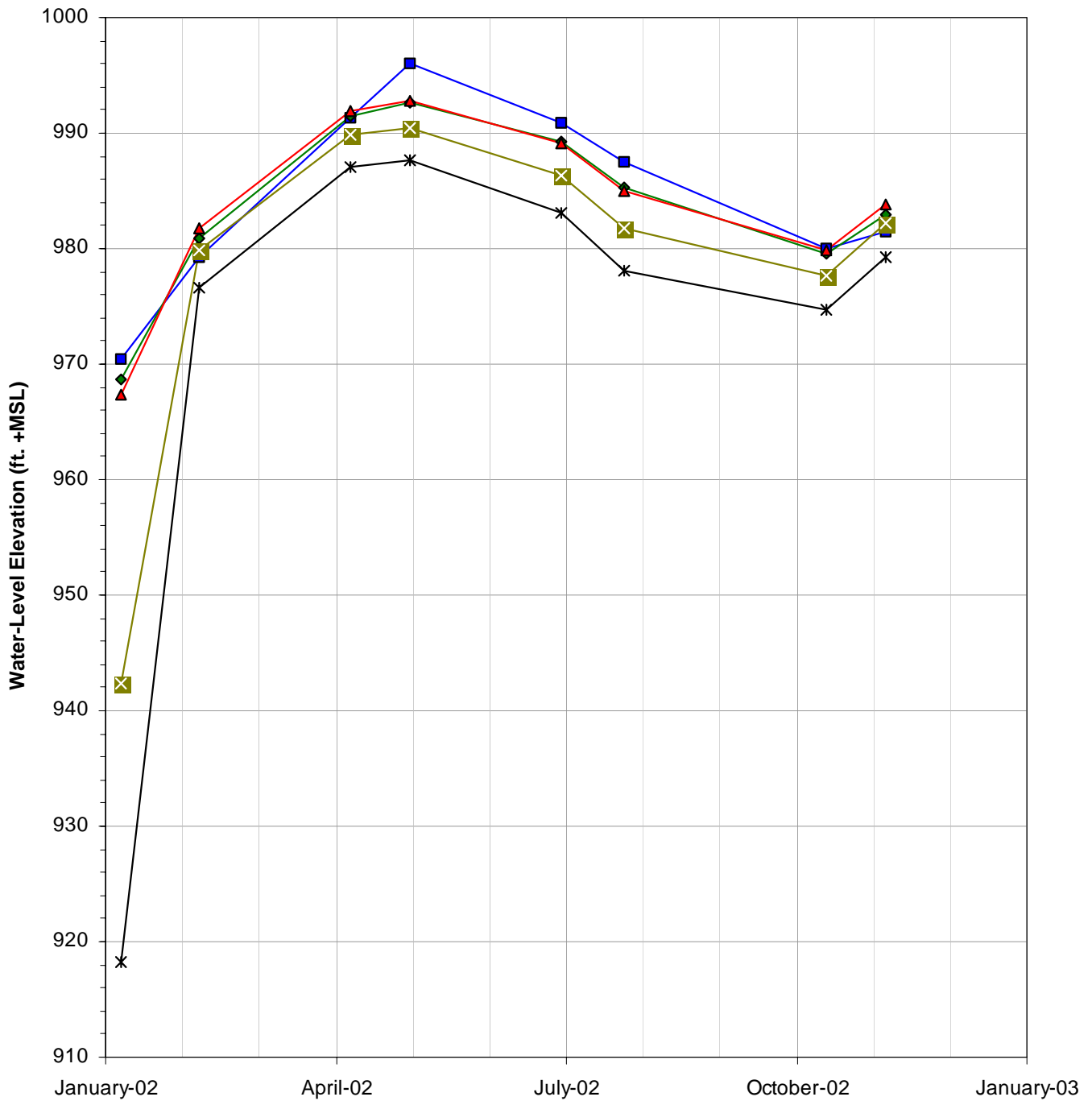


FIGURE 5-13
 ANNUAL HYDROGRAPH FOR DEEP
 MULTI-PORT WELL MW-24

Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc. SOTA Environmental Technology, Inc.

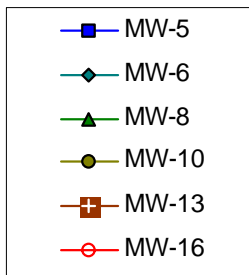
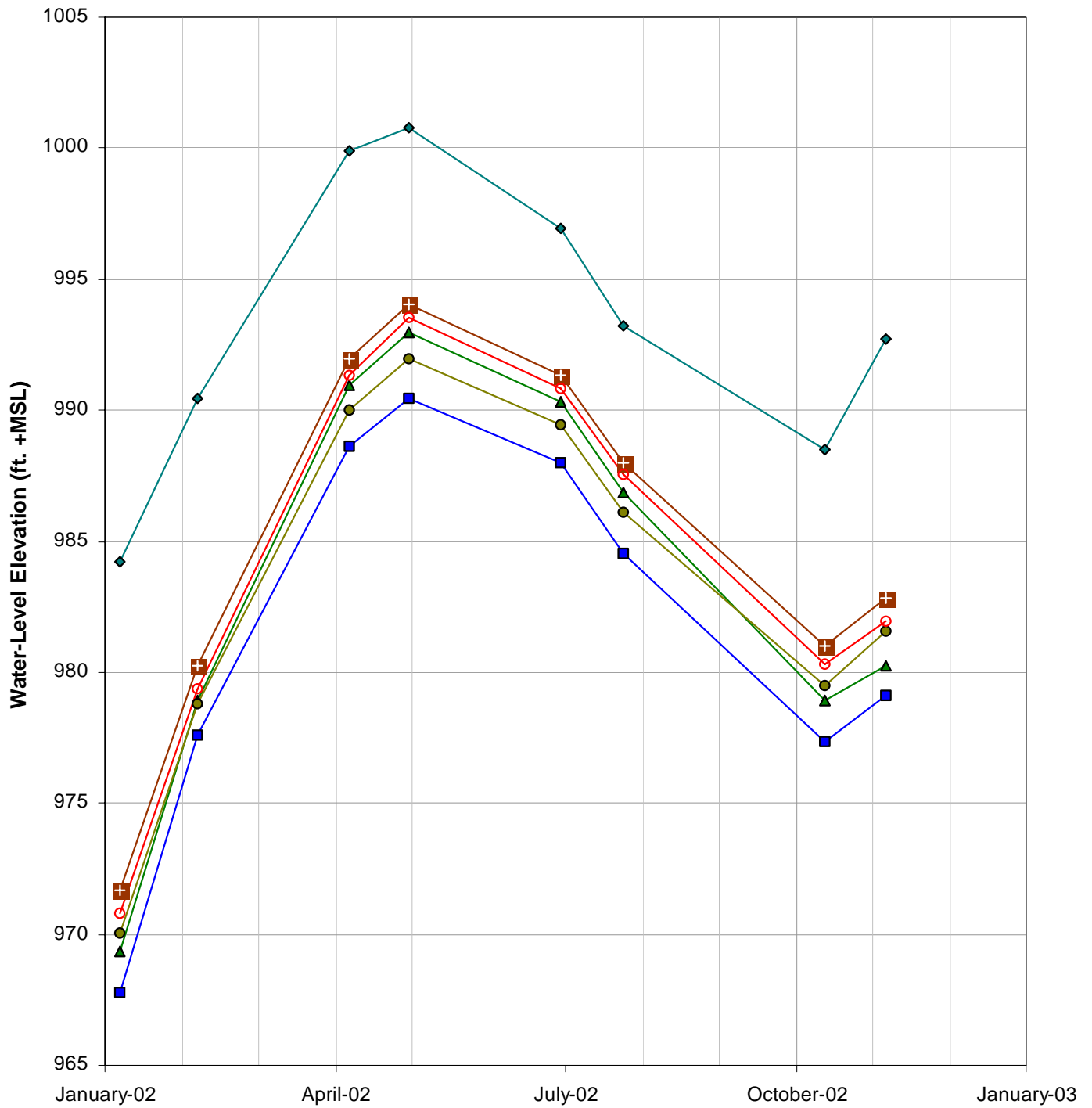


FIGURE 5-14
 ANNUAL HYDROGRAPH FOR SHALLOW
 MONITORING WELLS MW-5, MW-6,
 MW-8, MW-10, MW-13, AND MW-16
 Jet Propulsion Laboratory
 Pasadena, California
 SOTA Environmental Technology, Inc.

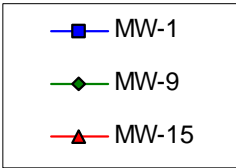
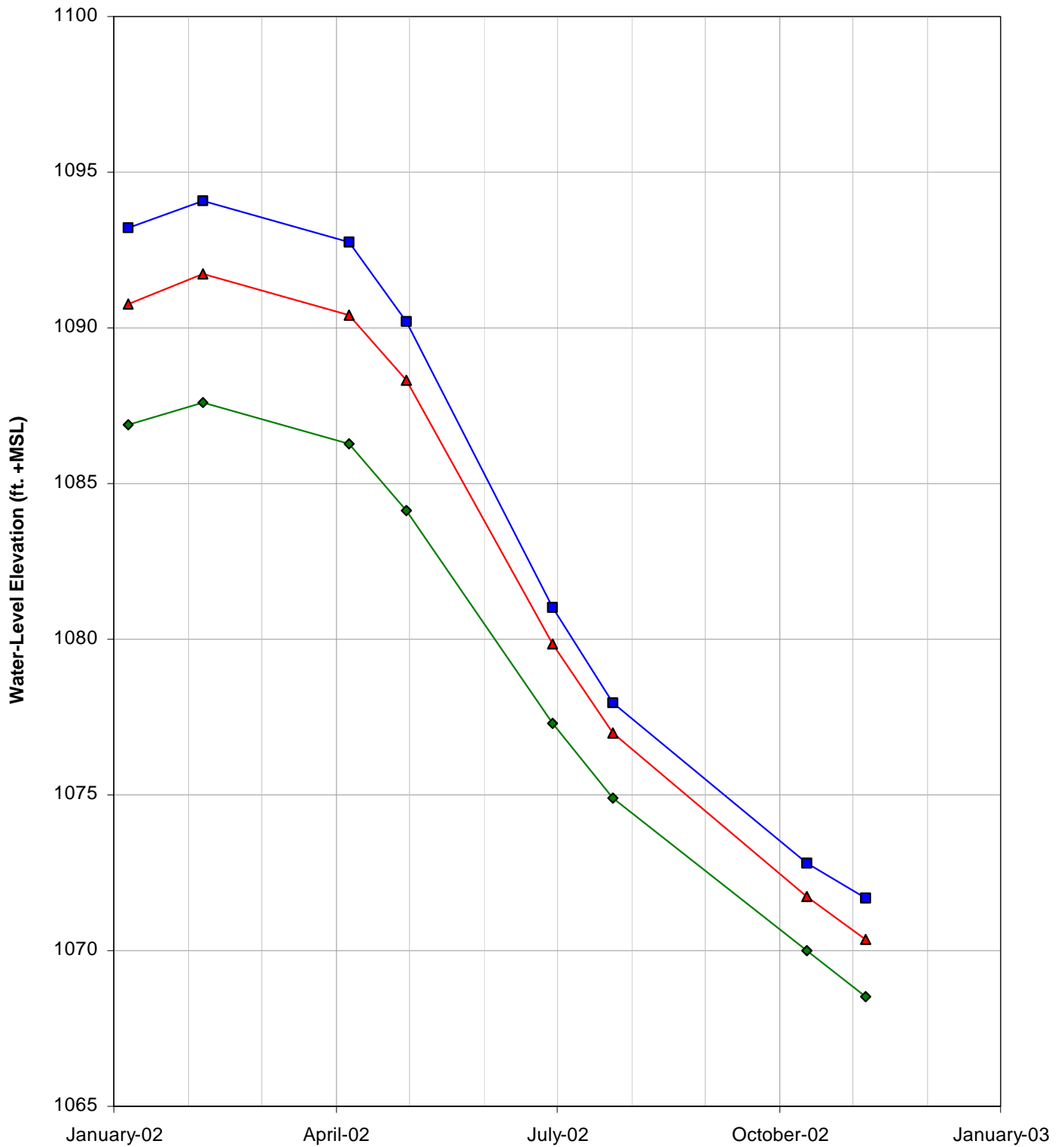

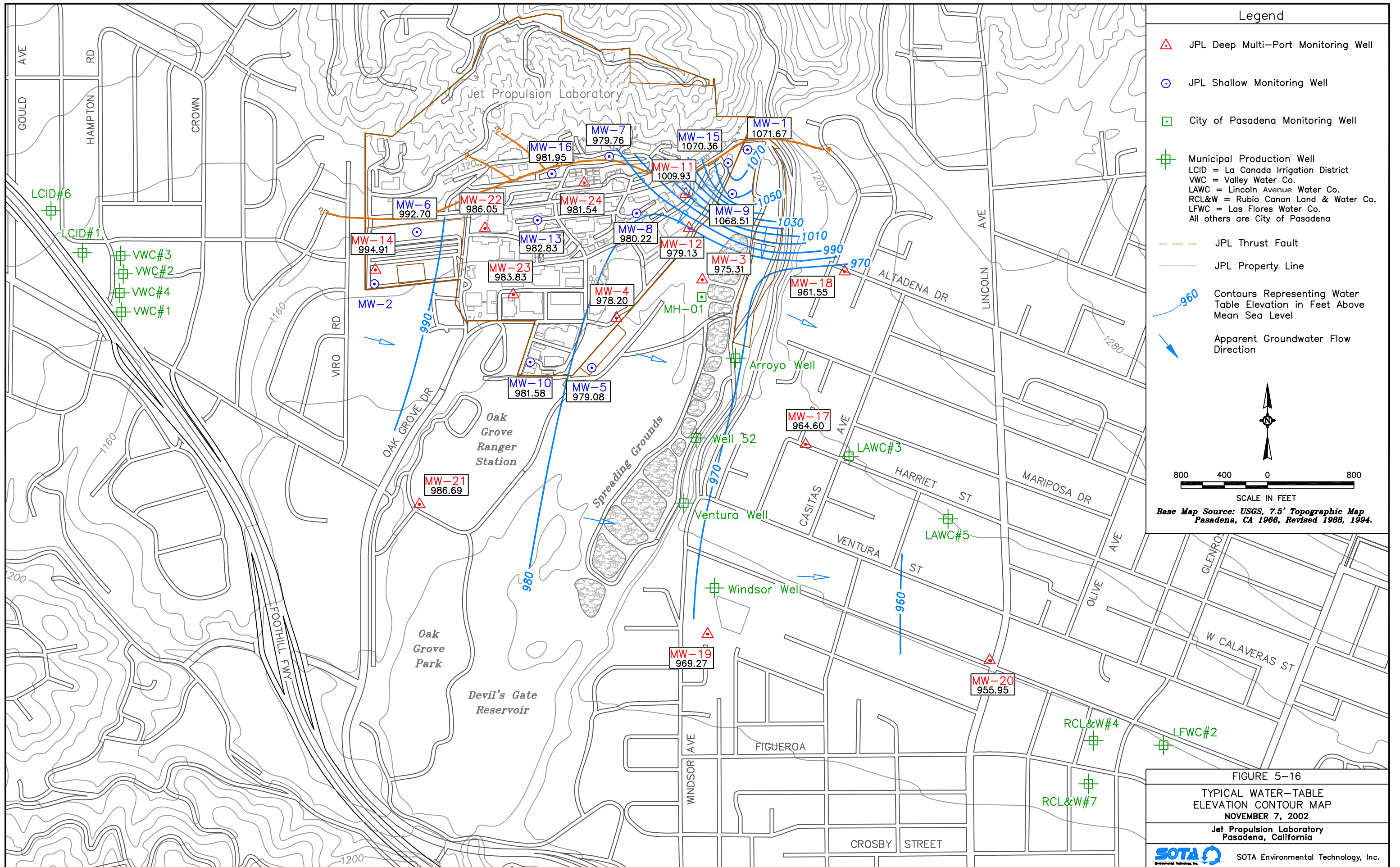


FIGURE 5-15
 ANNUAL HYDROGRAPH FOR SHALLOW
 MONITORING WELLS MW-1,
 MW-9, AND MW-15
 Jet Propulsion Laboratory
 Pasadena, California
 SOTA Environmental Technology, Inc.



- Legend**
- ▲ JPL Deep Multi-Port Monitoring Well
 - JPL Shallow Monitoring Well
 - City of Pasadena Monitoring Well
 - ⊕ Municipal Production Well
 LCID = La Canada Irrigation District
 VWC = Valley Water Co.
 LAWC = Lincoln Avenue Water Co.
 RCL&W = Rubio Canon Land & Water Co.
 LFWC = Las Flores Water Co.
 All others are City of Pasadena
 - JPL Thrust Fault
 - JPL Property Line
 - ~ Contours Representing Water Table Elevation in Feet Above Mean Sea Level
 - Apparent Groundwater Flow Direction




 800 400 0 800
 SCALE IN FEET
 Base Map Source: USGS, 7.5' Topographic Map
 Pasadena, CA 1966, Revised 1988, 1994.

FIGURE 5-16
 TYPICAL WATER-TABLE
 ELEVATION CONTOUR MAP
 NOVEMBER 7, 2002
 Jet Propulsion Laboratory
 Pasadena, California
 SOTA Environmental Technology, Inc.

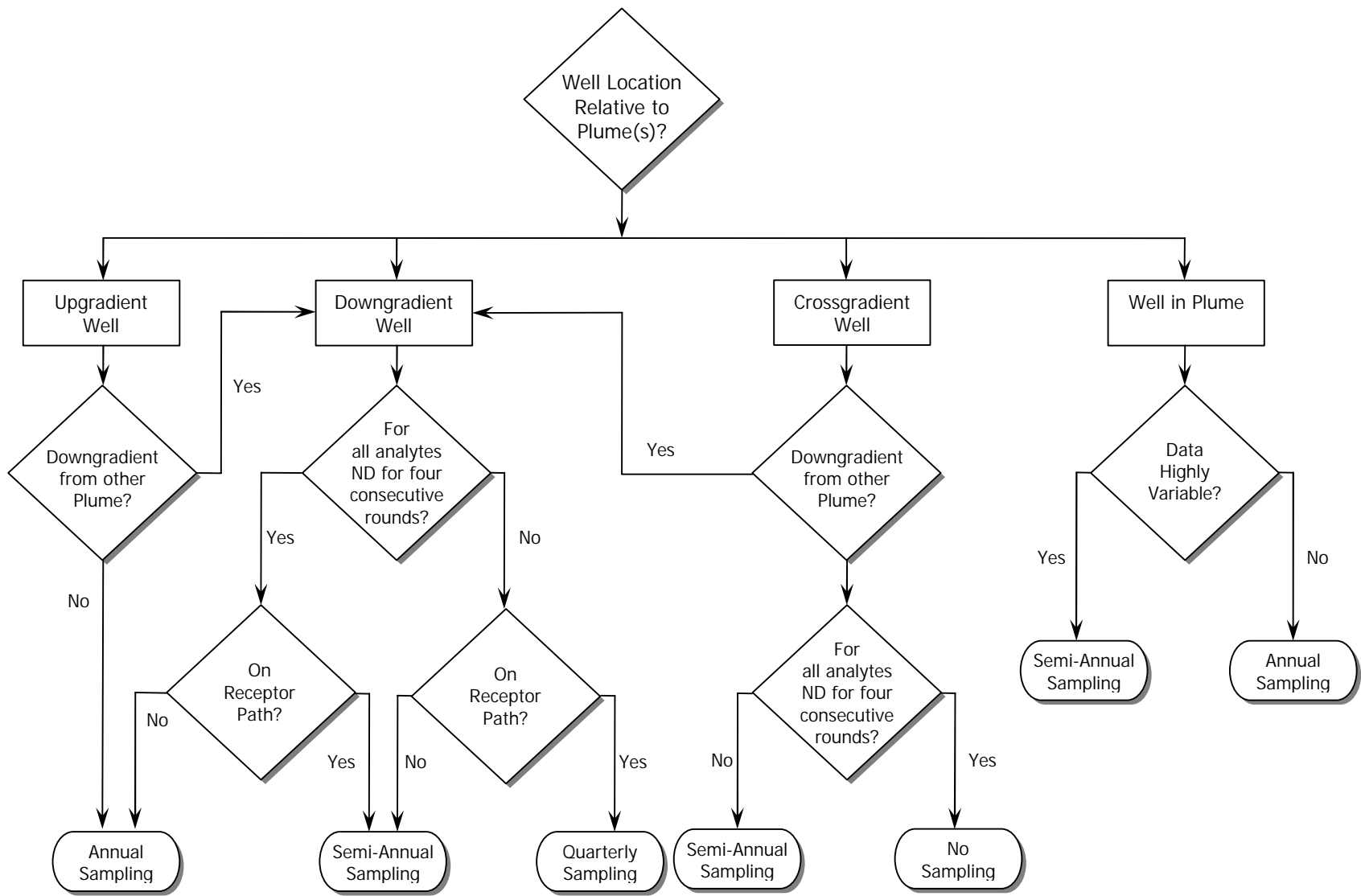


FIGURE 6-1
 FLOW CHART SUMMARIZING
 POTENTIAL CHANGES TO LONG TERM
 GROUNDWATER SAMPLING FREQUENCIES
 Jet Propulsion Laboratory
 Pasadena, California

SOTA Environmental Technology, Inc.

Source: Foster Wheeler, 1996,