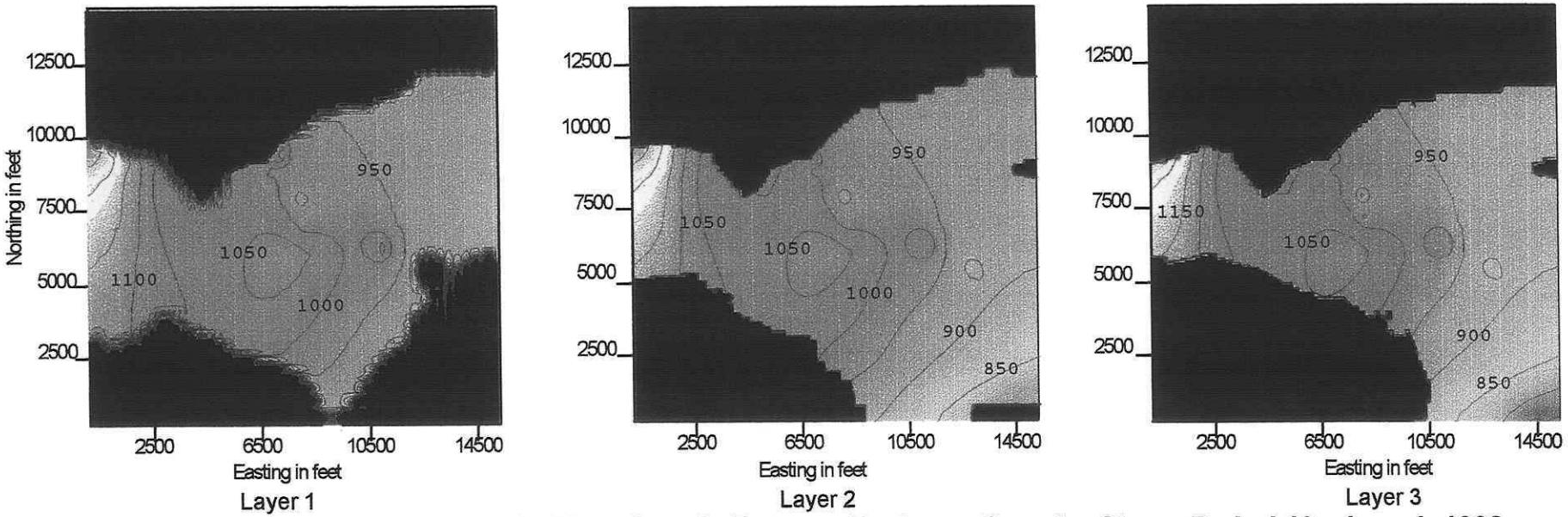
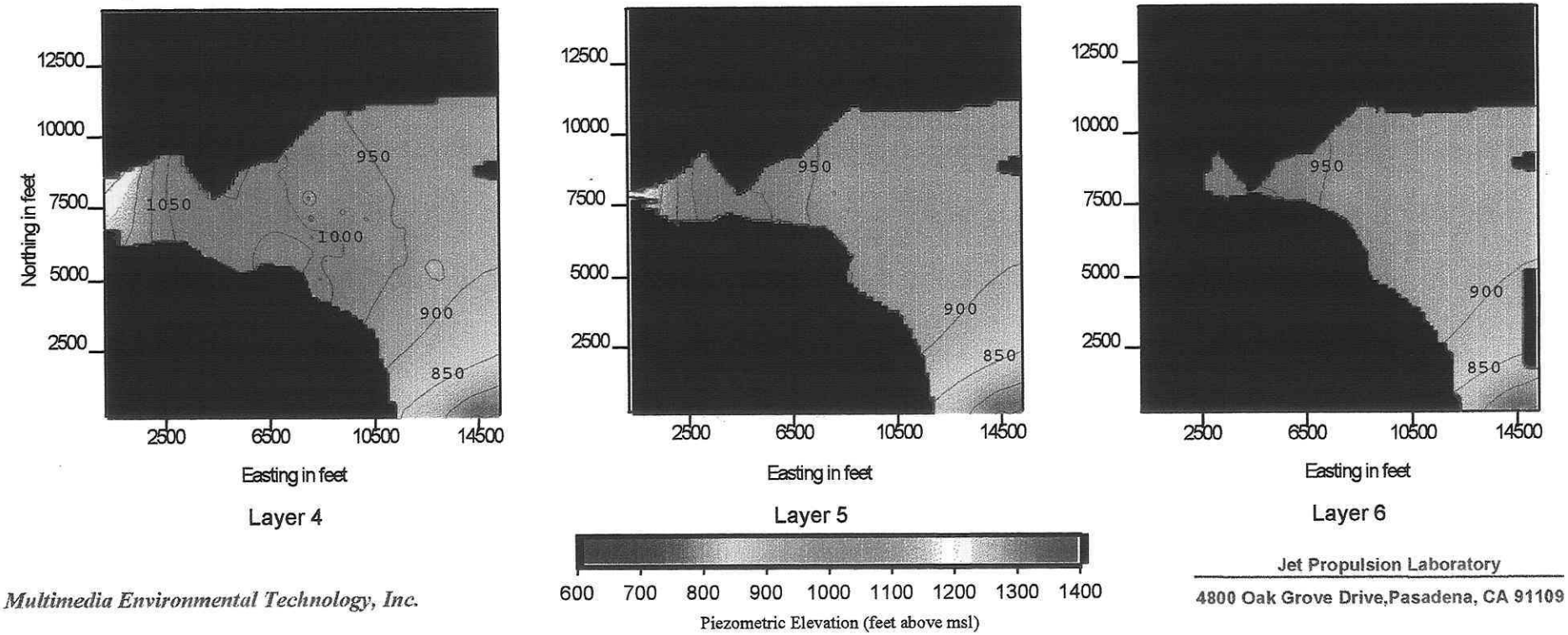
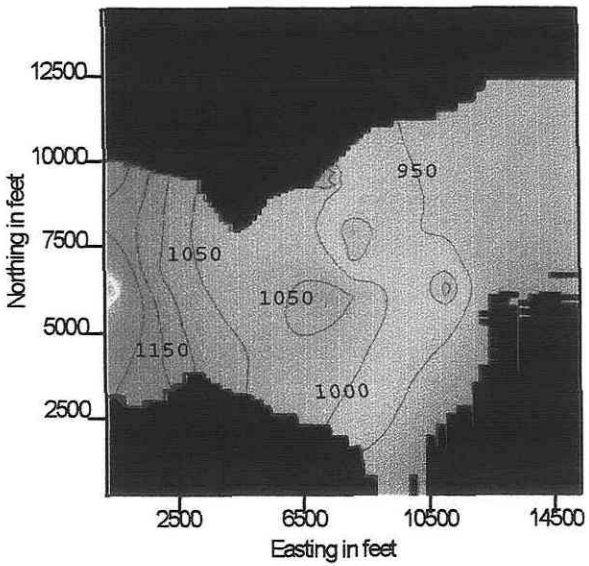
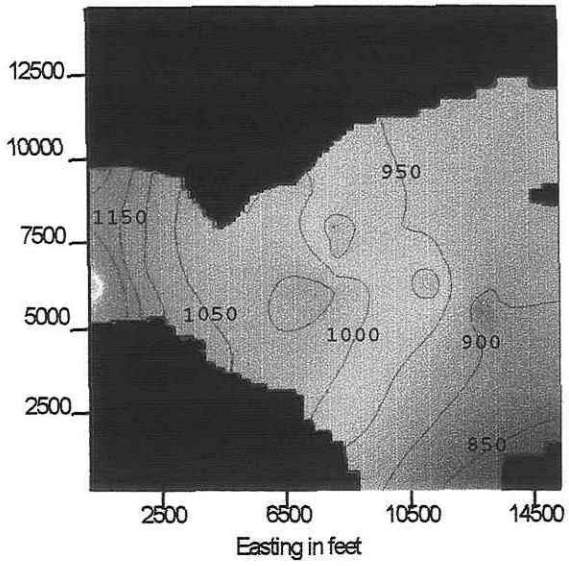


Figure 7-2e Simulated Piezometric Elevations in Extreme Recharge Case for Stress Period 10: June 1, 1996

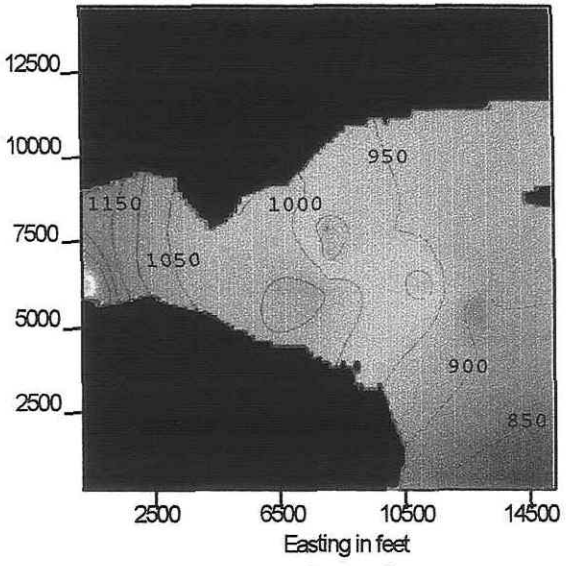




Layer 1

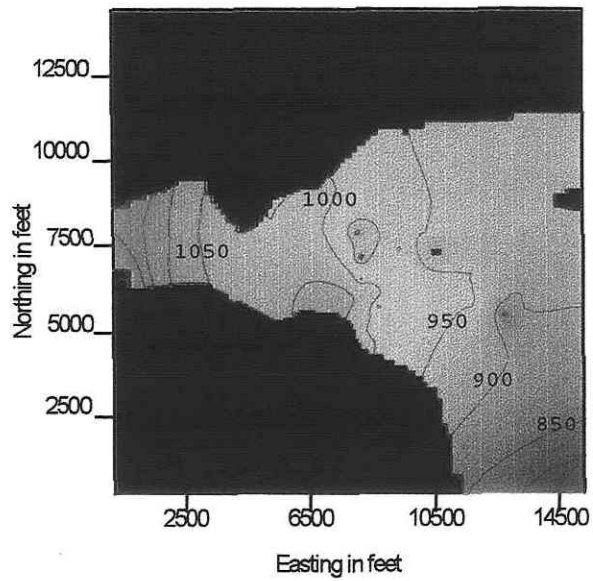


Layer 2



Layer 3

Figure 7-2f Simulated Piezometric Elevations in Extreme Recharge Case for Stress Period 12: August 1, 1996



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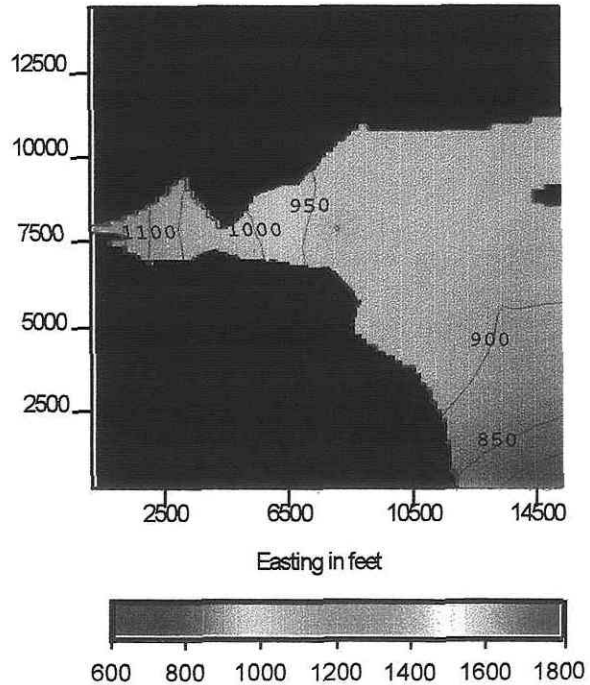
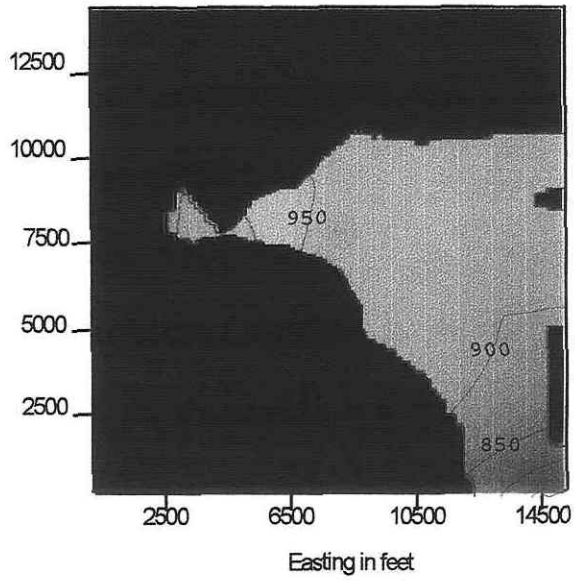




Layer 6

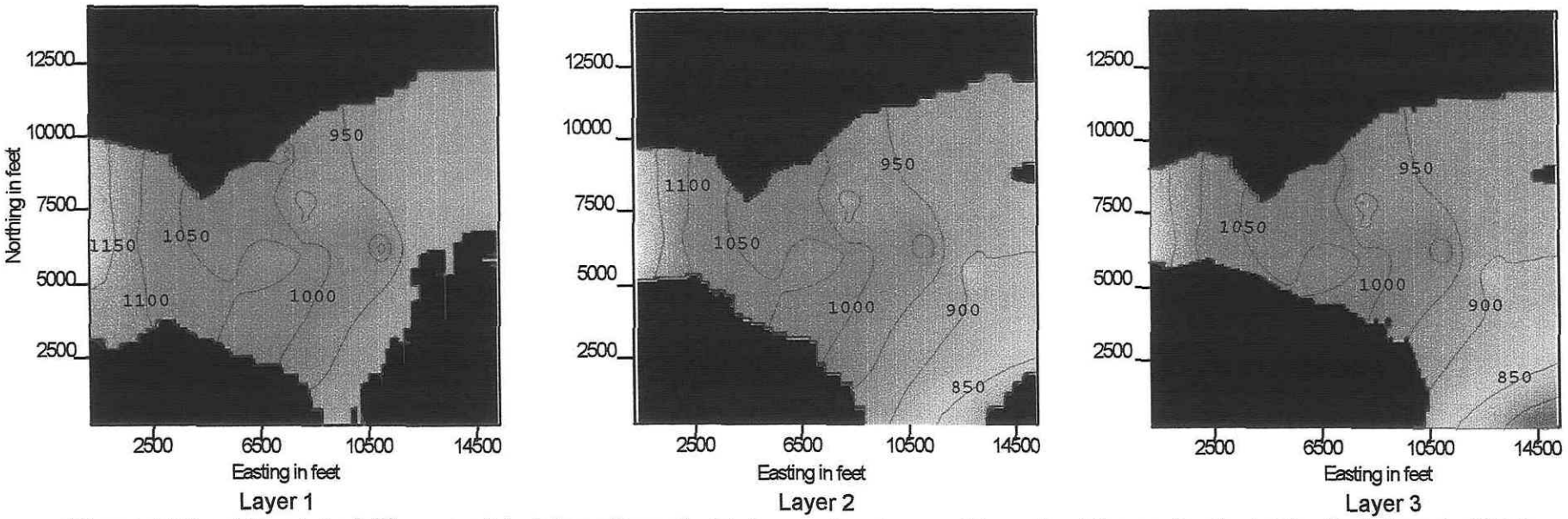
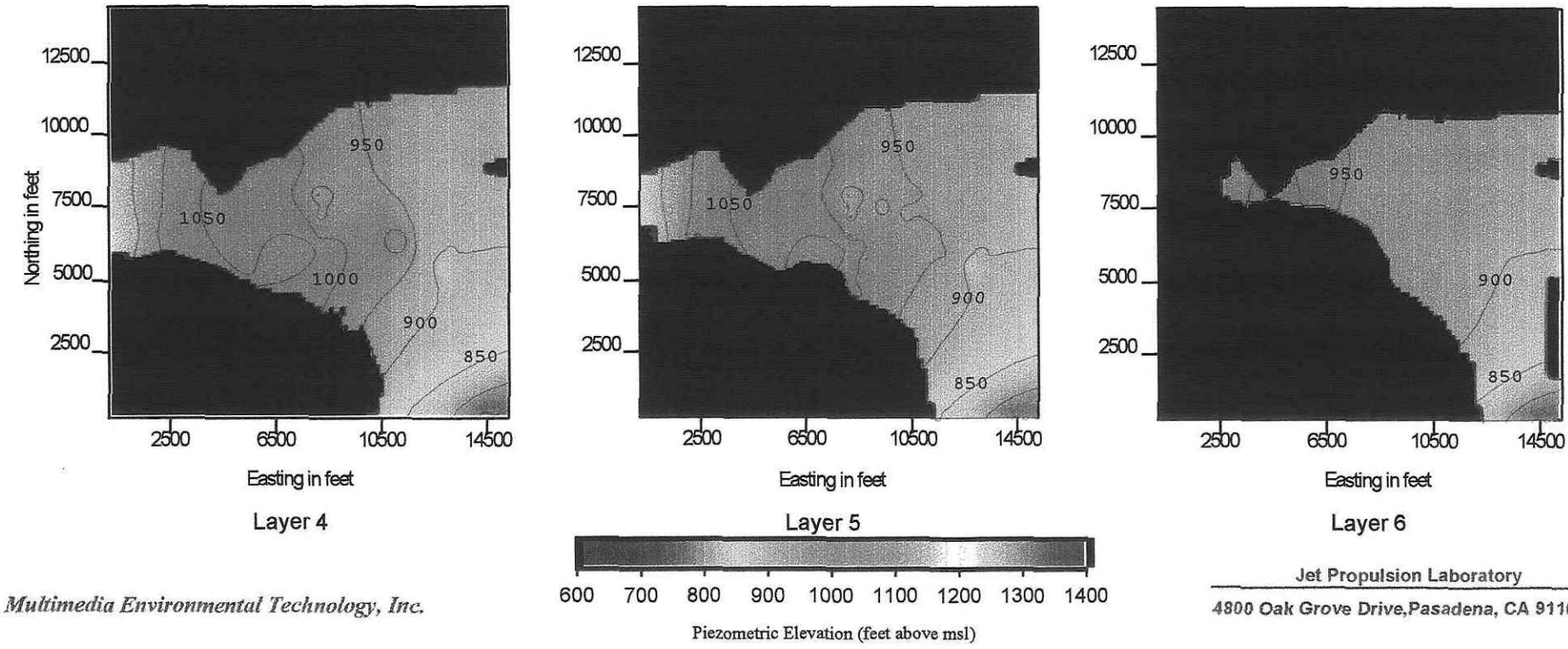


Figure 7-2g Simulated Piezometric Elevations in Extreme Recharge Case for Stress Period 14: October 1, 1996



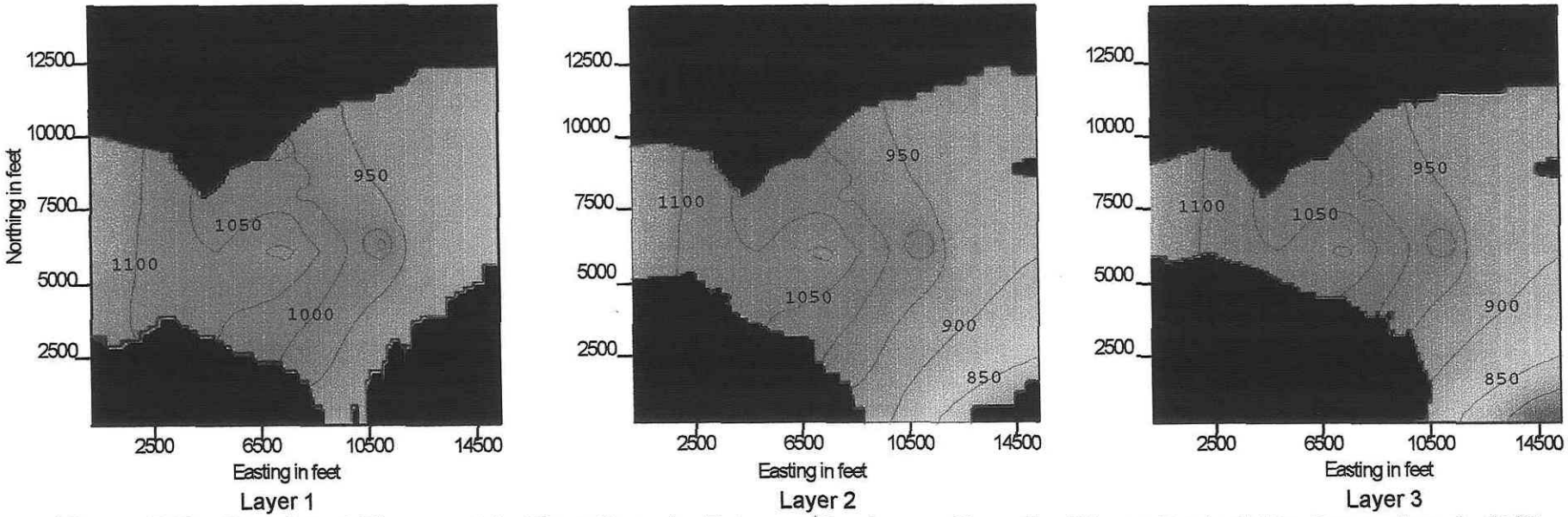
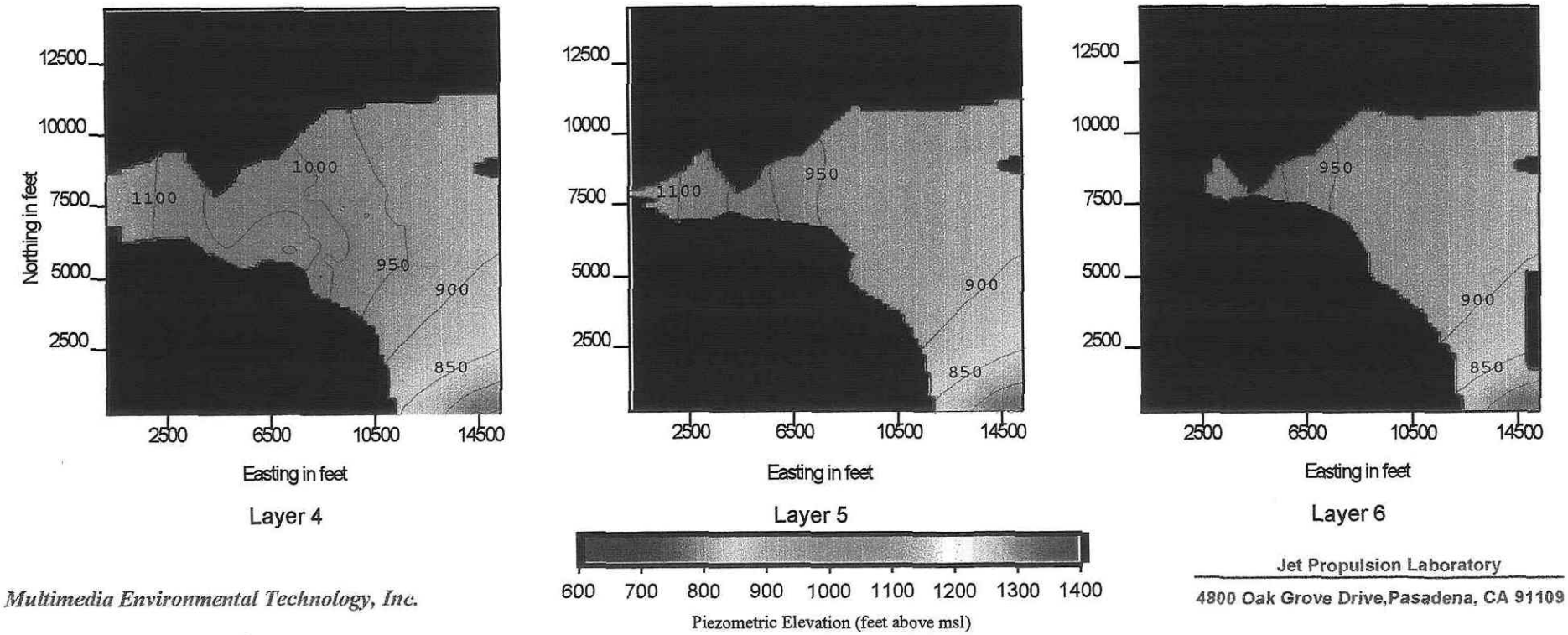
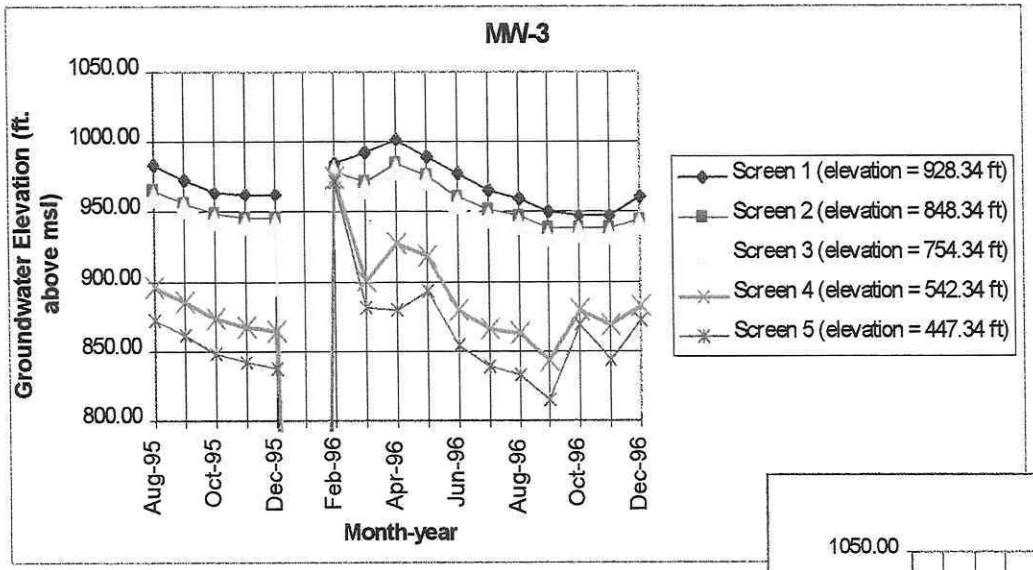
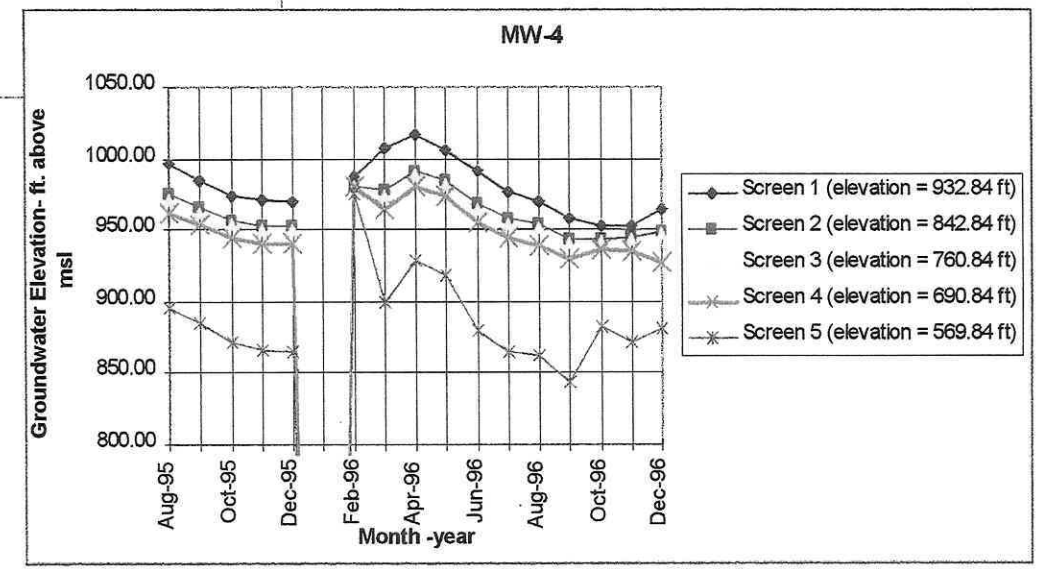


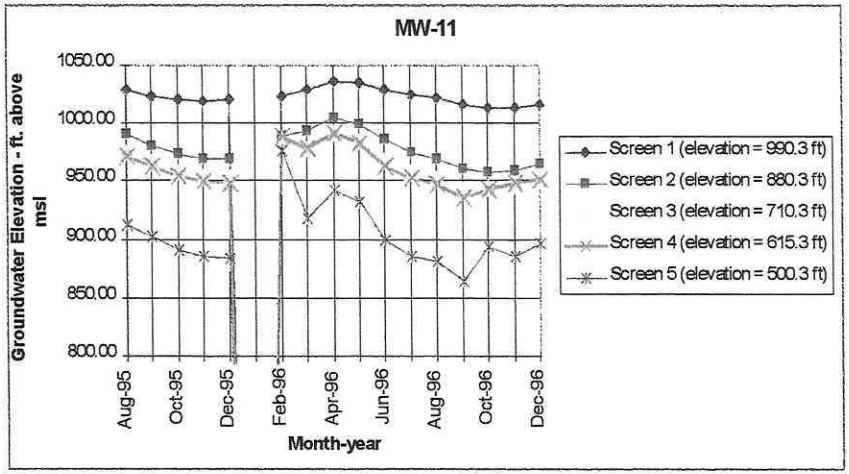
Figure 7-2h Simulated Piezometric Elevations in Extreme Recharge Case for Stress Period 16: December 1, 1996

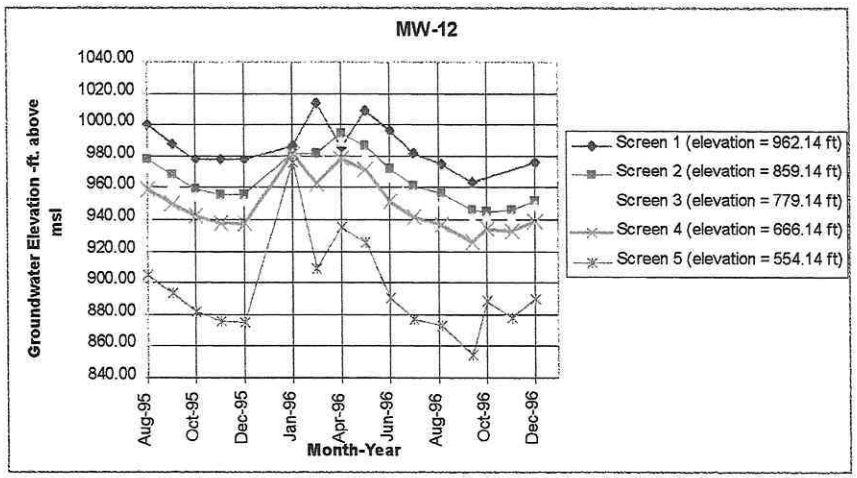


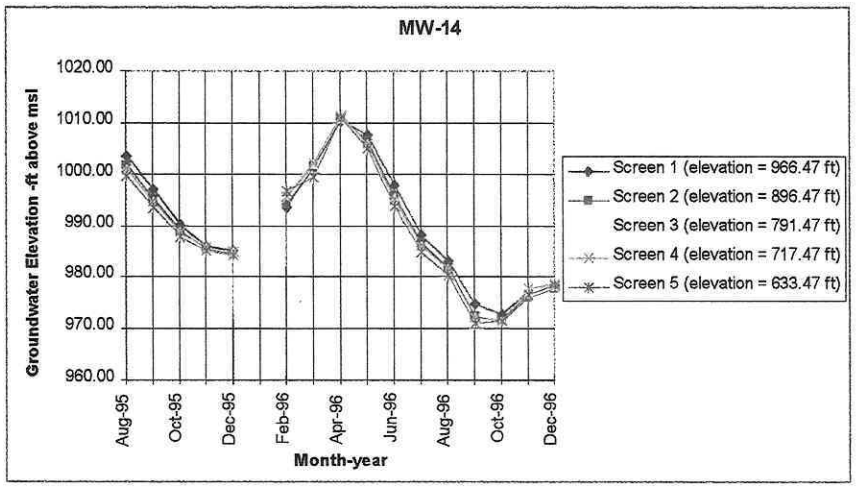


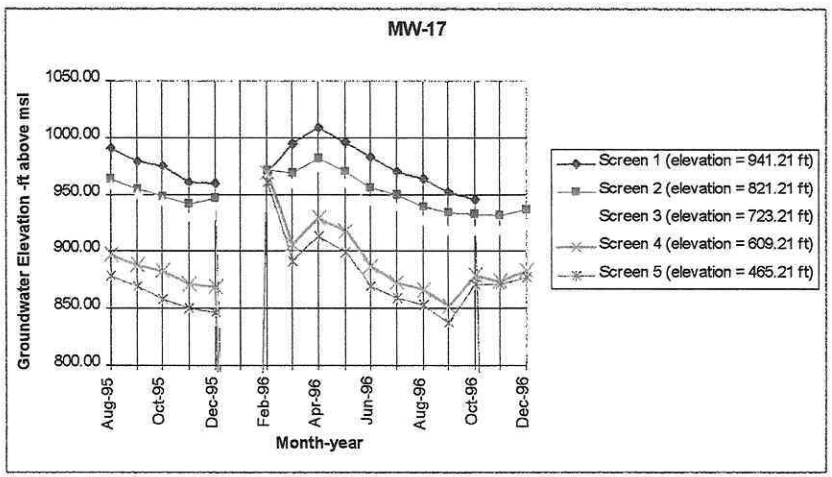


Observed Piezometric Elevations in JPL Multi-Port Wells

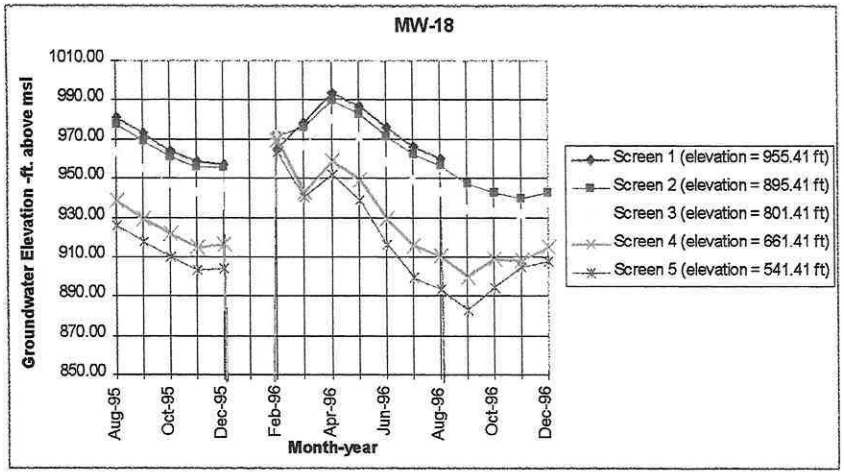


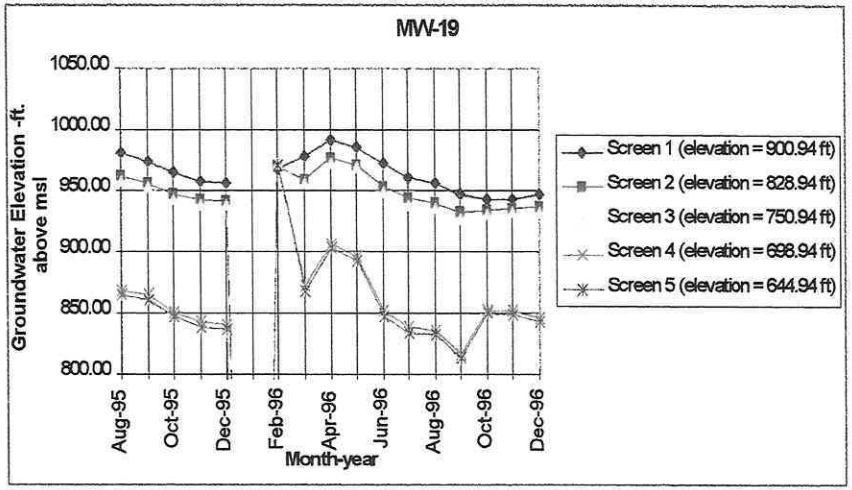


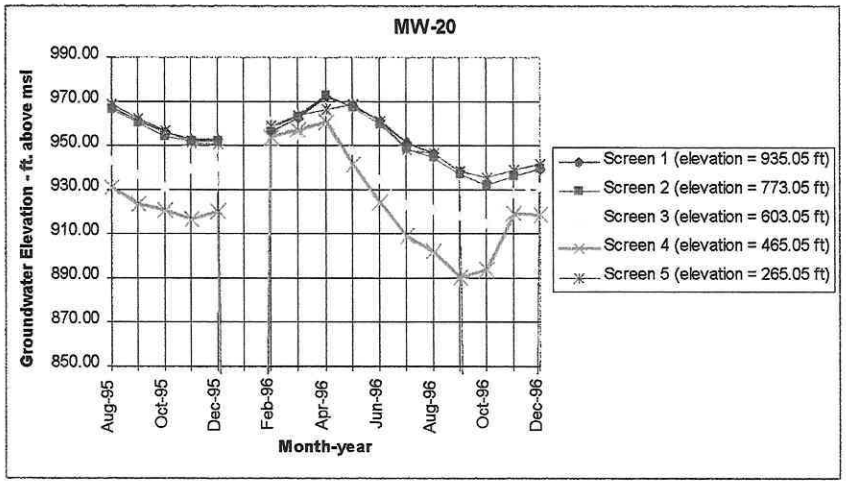


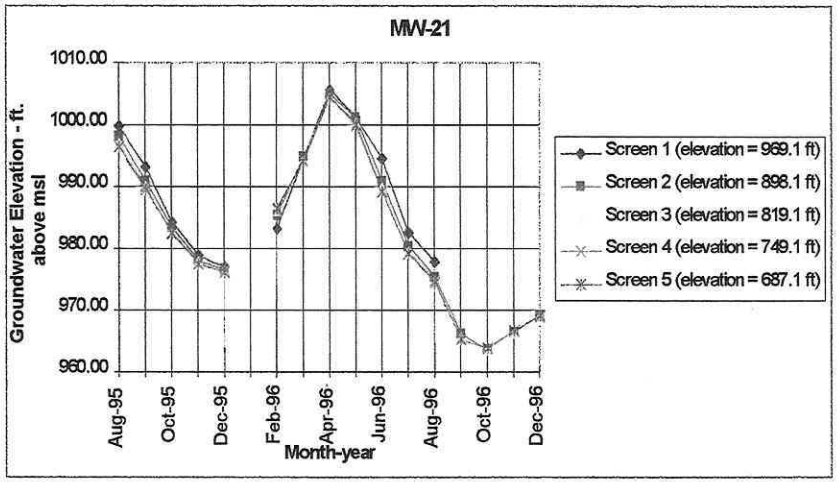


Observed Piezometric Elevations in JPL Multi-Port Wells

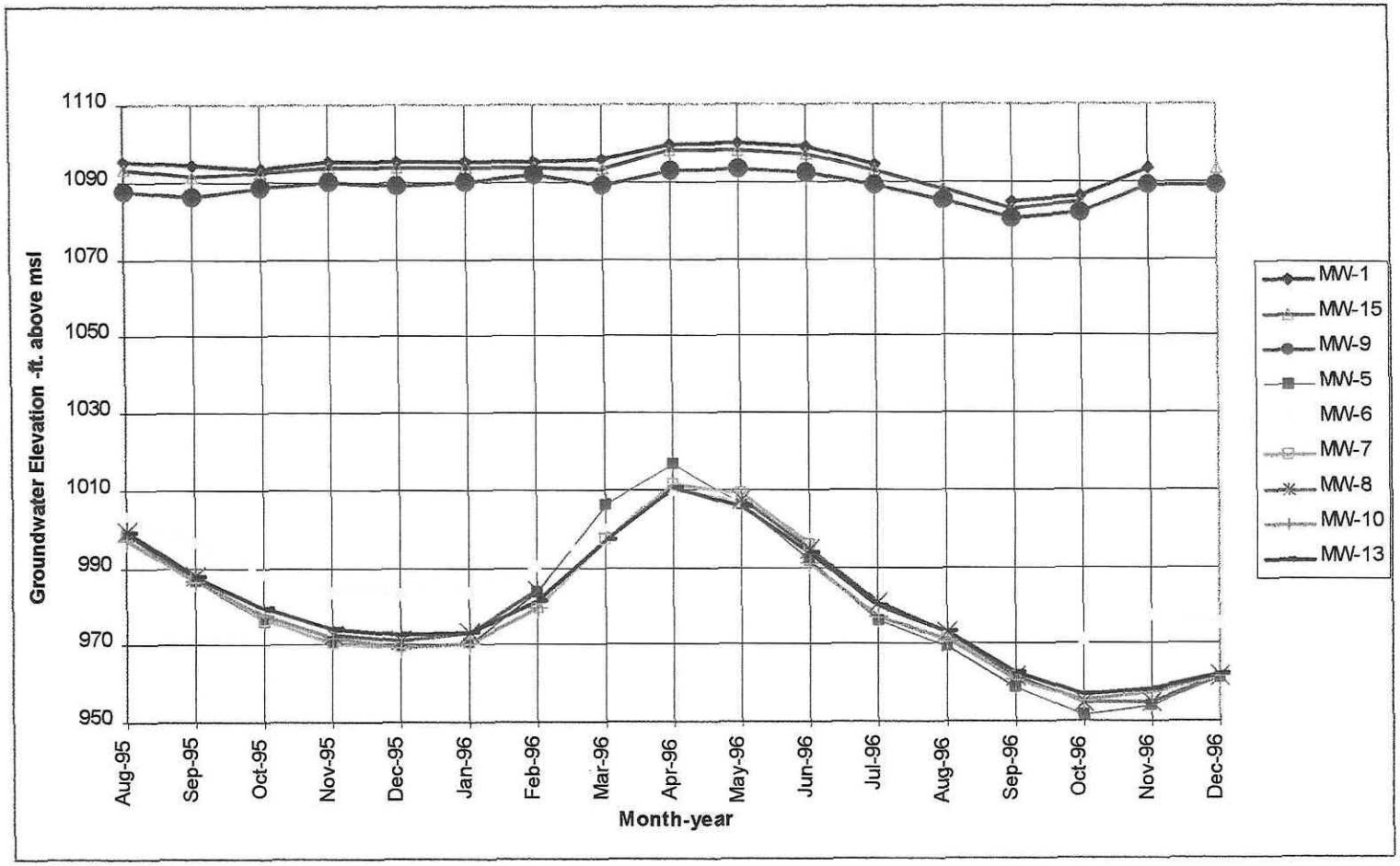




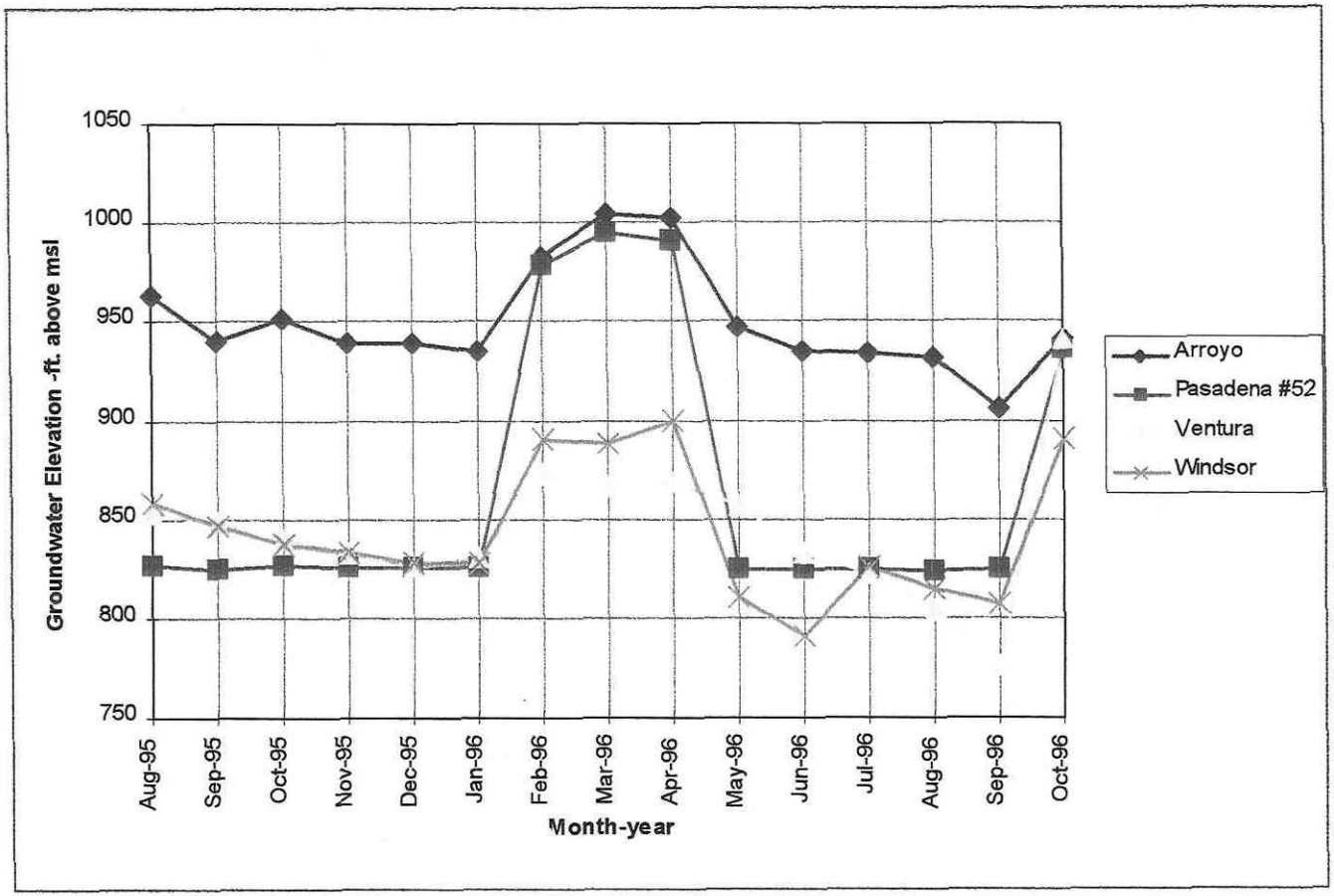




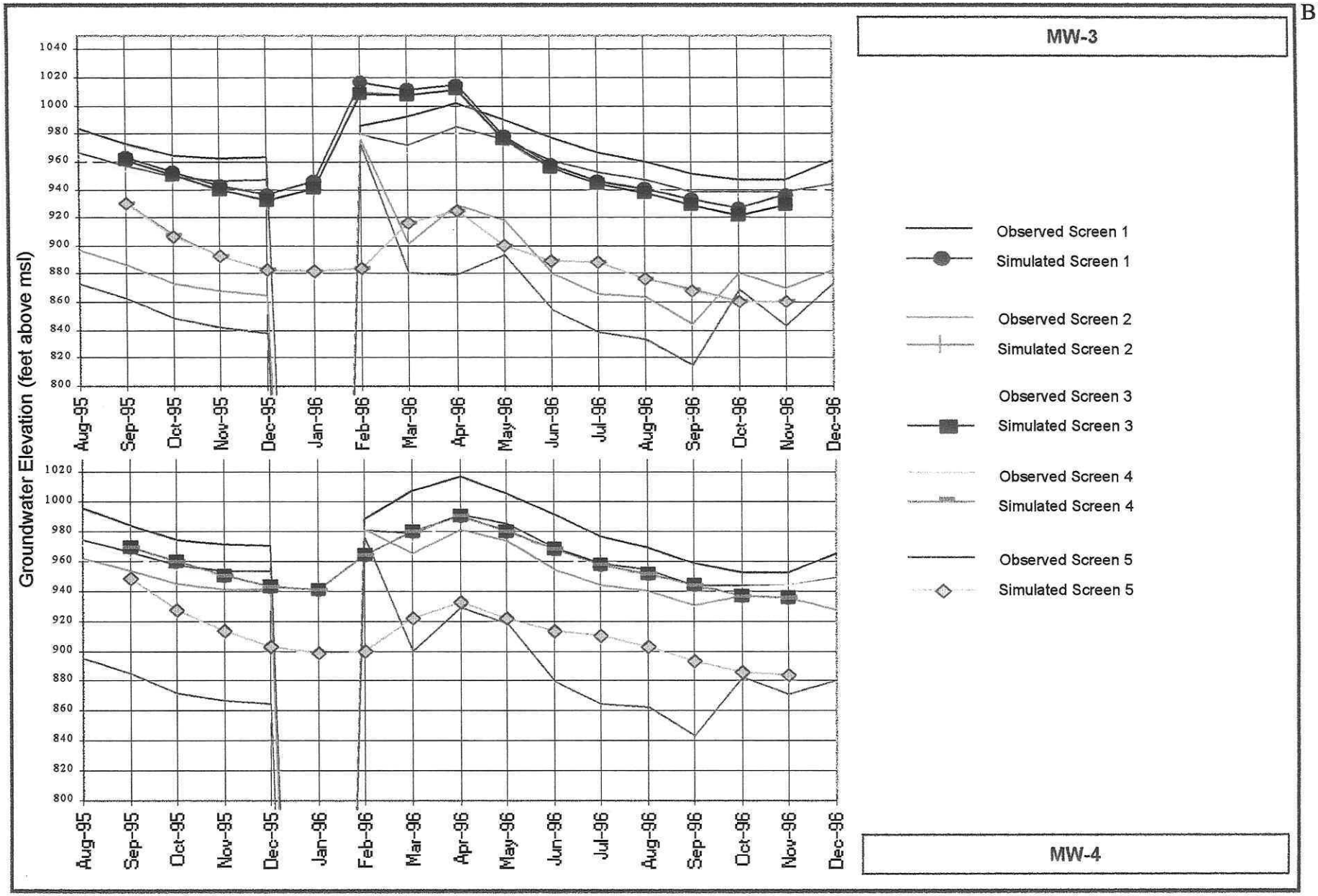
Observed Piezometric Elevations in JPL Multi-Port Wells



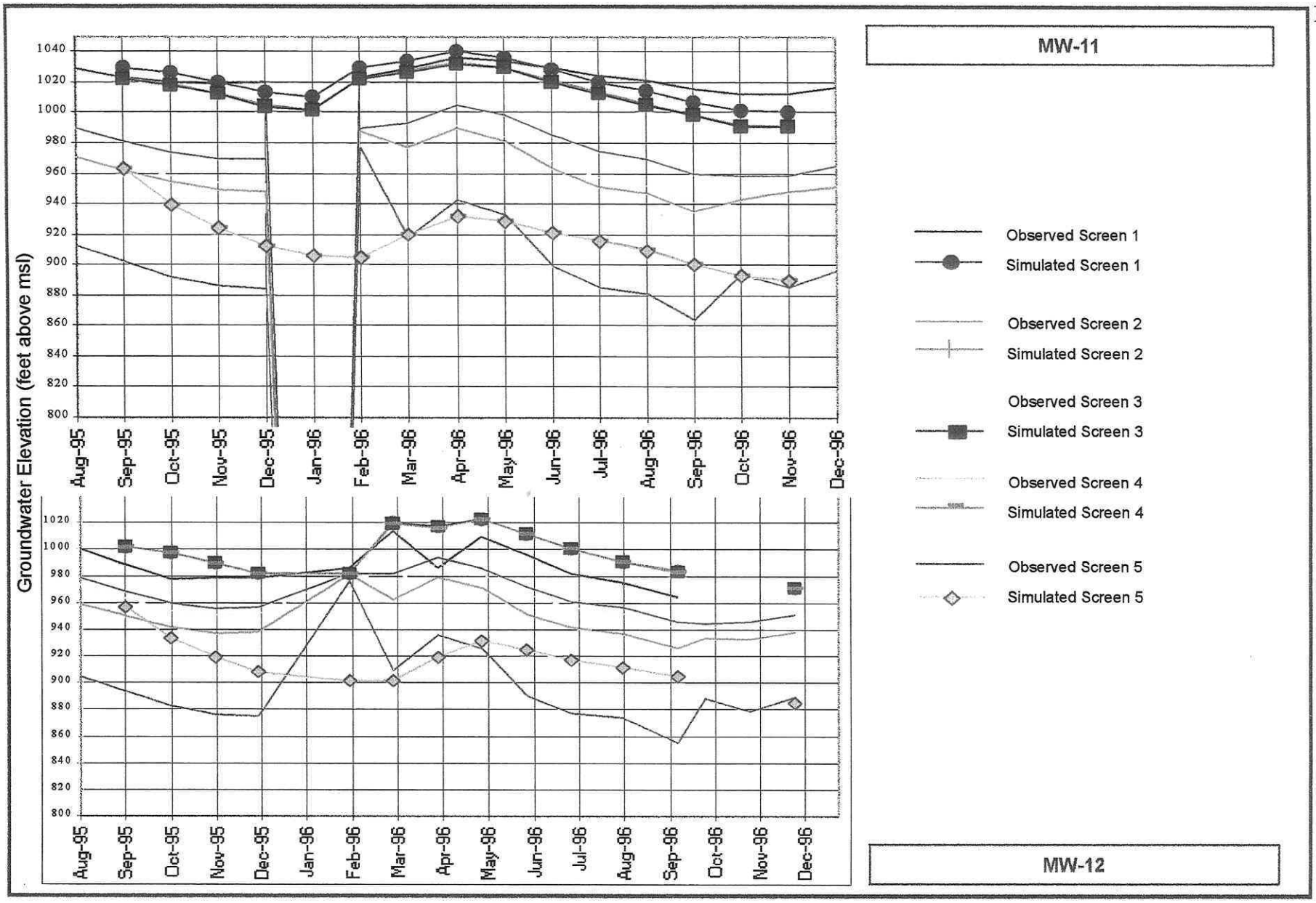
Observed Piezometric Elevations in JPL Shallow Wells



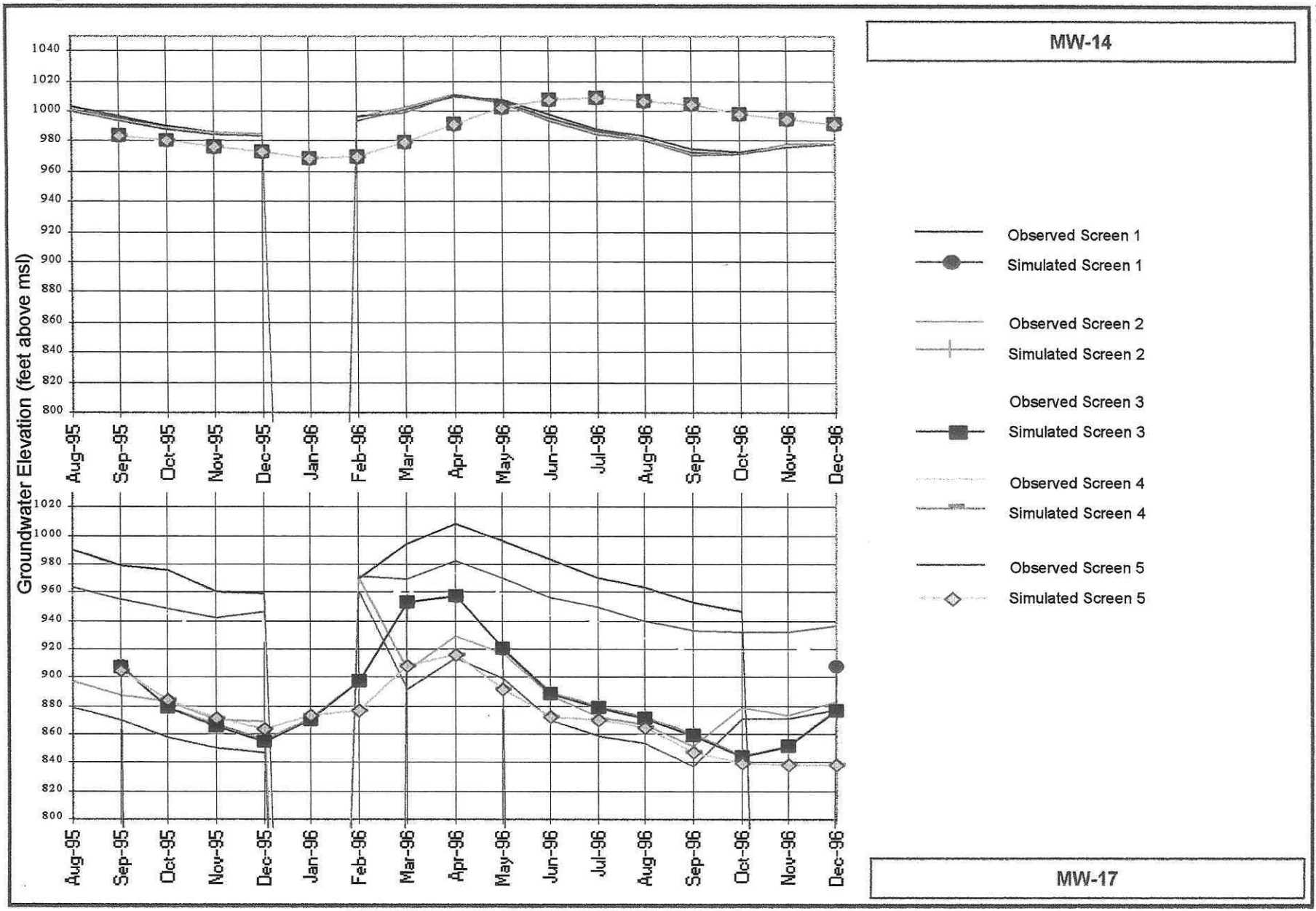
Observed Piezometric Elevations in City of Pasadena Wells



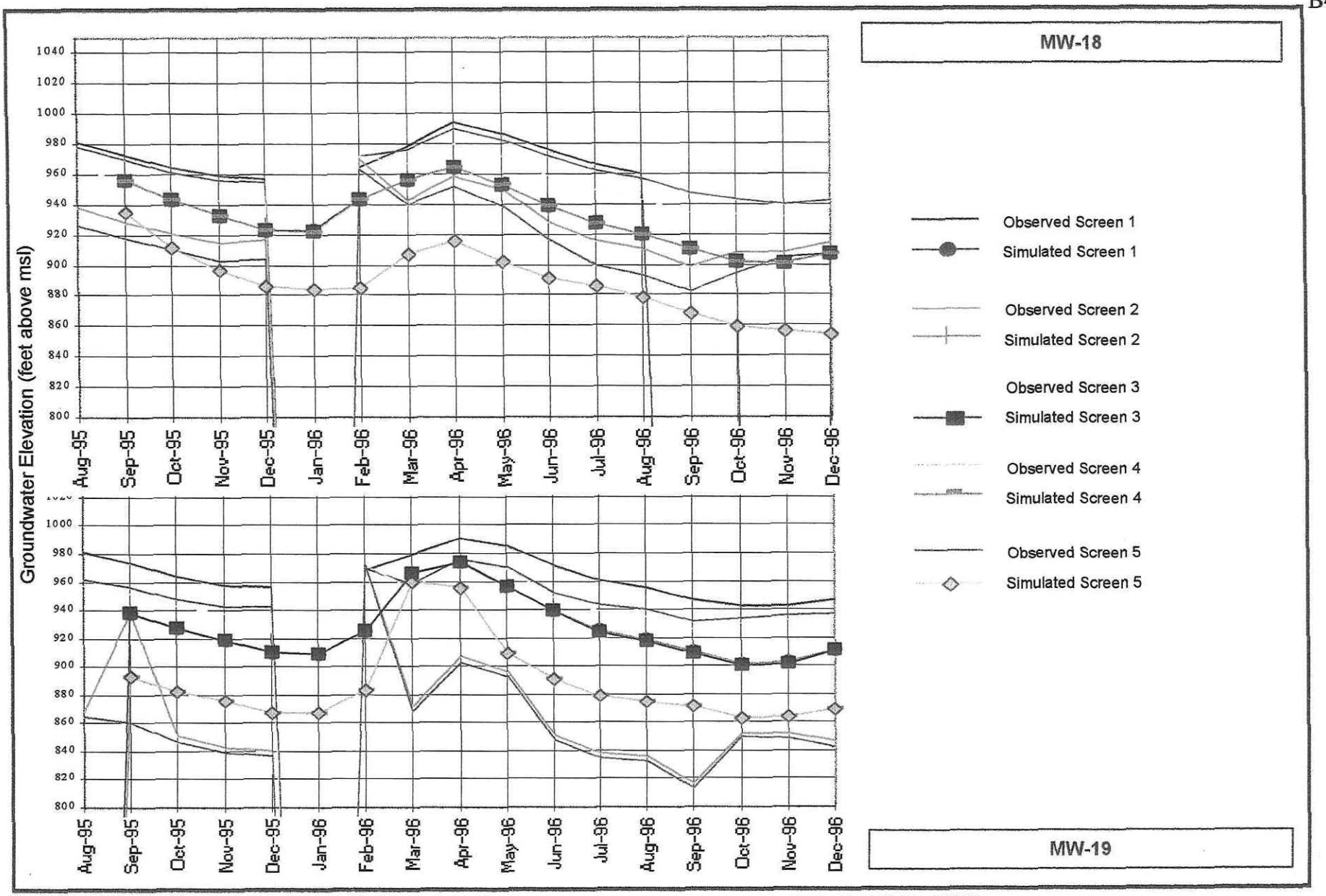
Simulated vs. Observed Piezometric Elevations in Multi-Port Wells-Initial Three-Dimensional Calibration



Simulated vs. Observed Piezometric Elevations in Multi-Port Wells-
Initial Three-Dimensional Calibration



Simulated vs. Observed Piezometric Elevations in Multi-Port Wells-
Initial Three-Dimensional Calibration



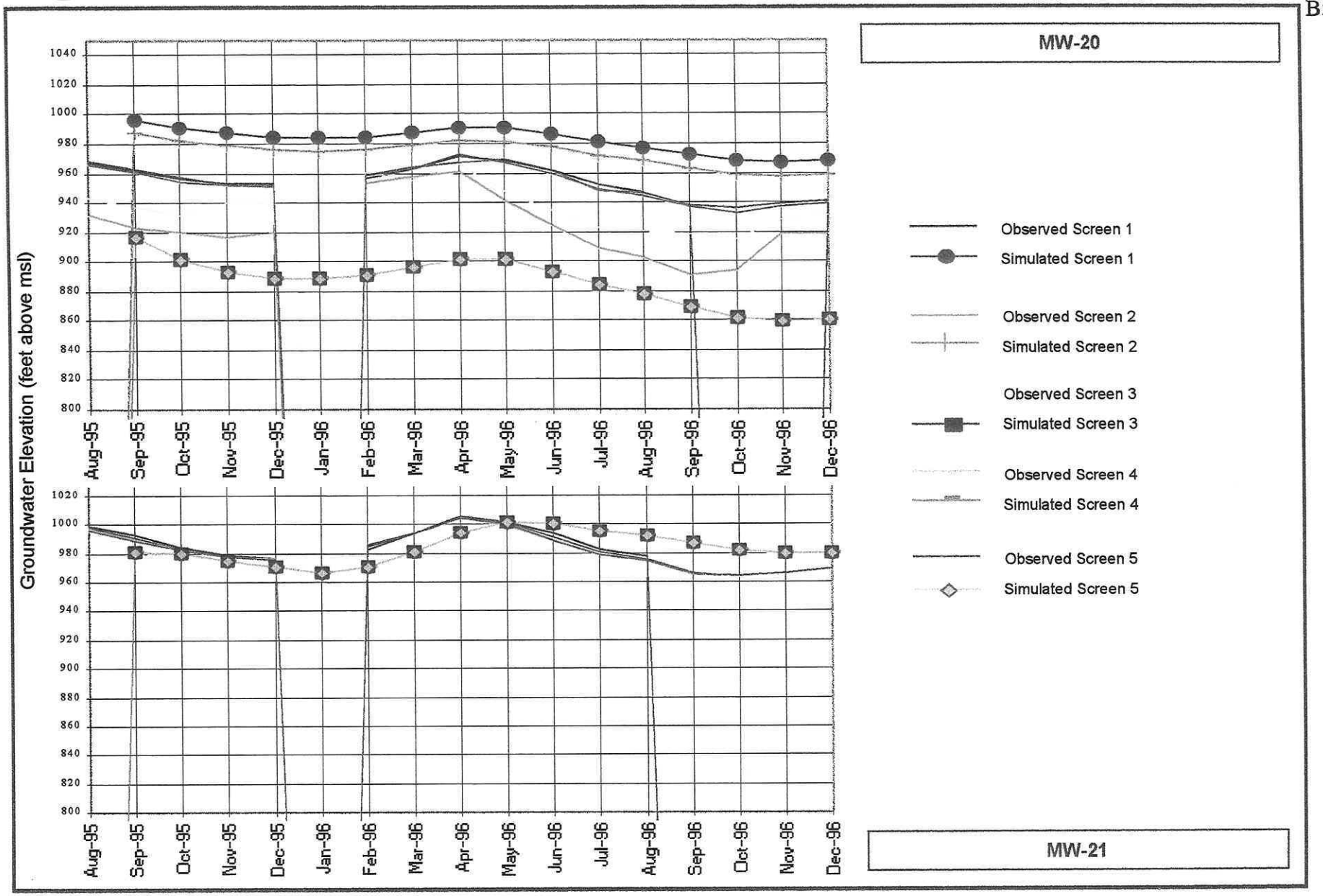
Simulated vs. Observed Piezometric Elevations in Multi-Port Wells- Initial Three-Dimensional Calibration

APPENDIX A

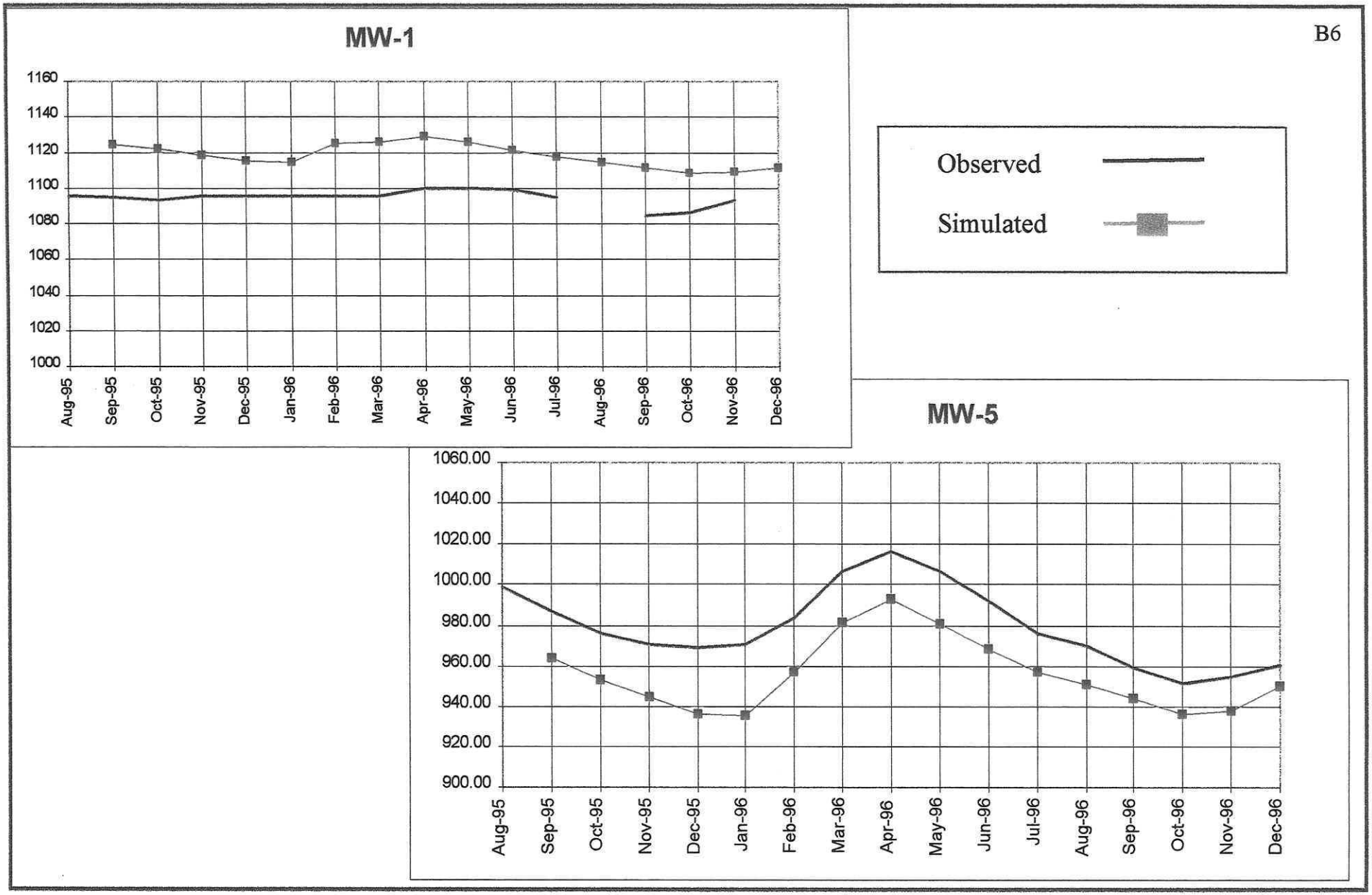
OBSERVED PIEZOMETRIC ELEVATIONS IN MULTI-PORT AND SHALLOW JPL WELLS FOR THREE-DIMENSIONAL MODELING TIME PERIOD

APPENDIX B

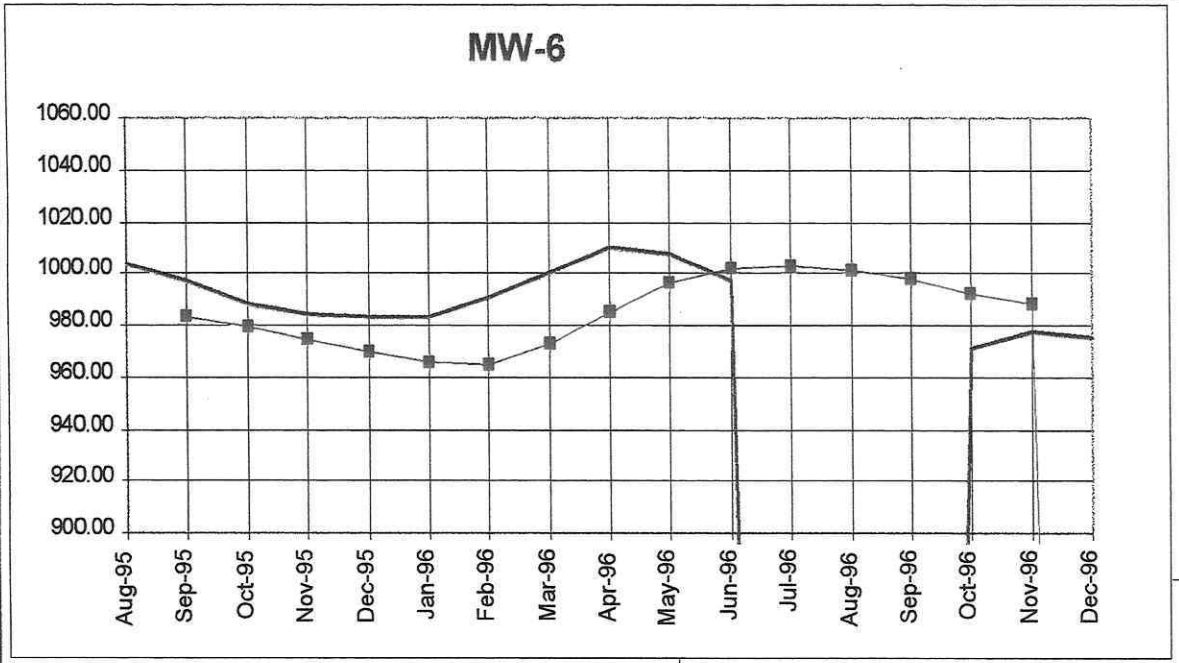
OBSERVED VS. SIMULATED PIEZOMETRIC ELEVATIONS IN MULTI-PORT AND SHALLOW JPL WELLS FOR INITIAL THREE-DIMENSIONAL CALIBRATION

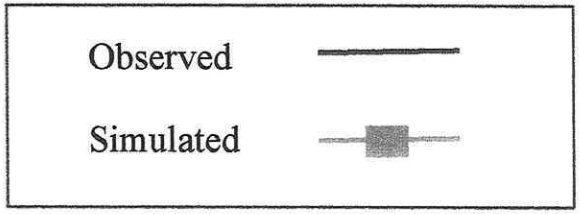


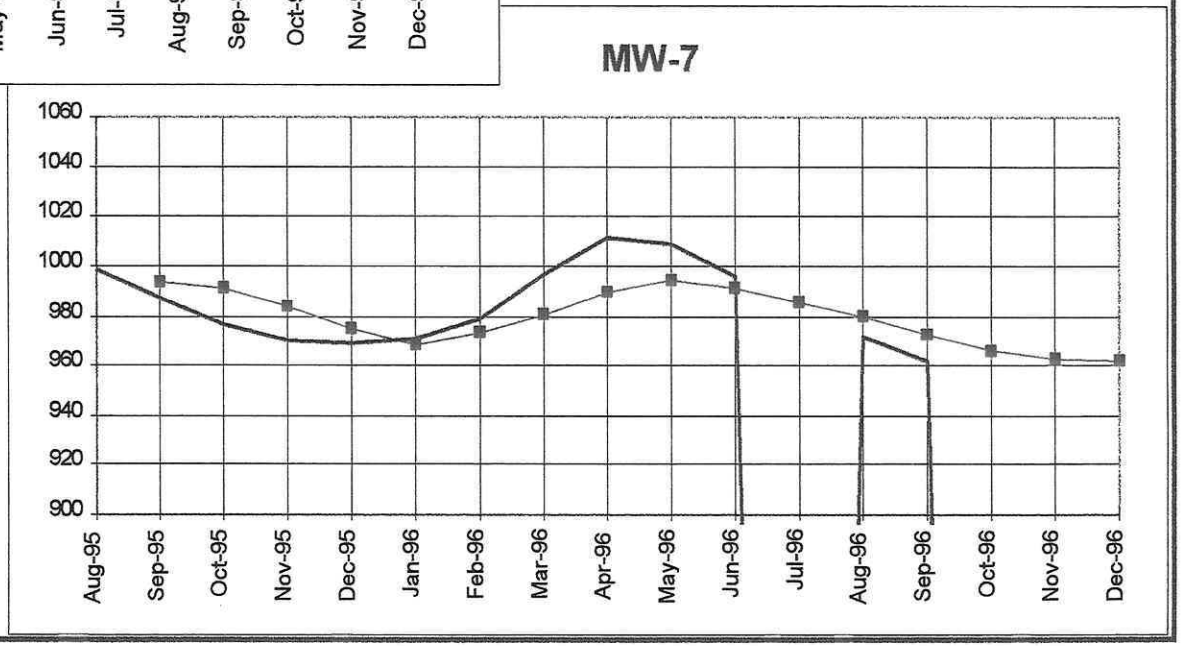
Simulated vs. Observed Piezometric Elevations in Multi-Port Wells-
Initial Three-Dimensional Calibration



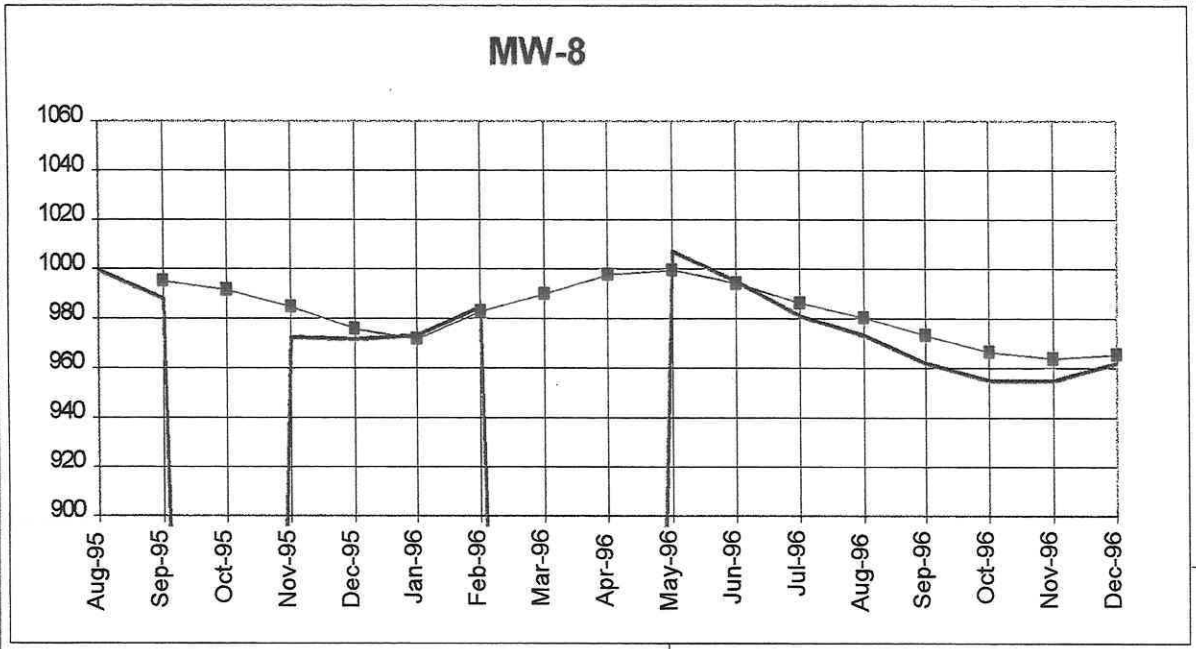
Simulated vs. Observed Piezometric Elevations in Shallow Wells- Initial Three-Dimensional Calibration

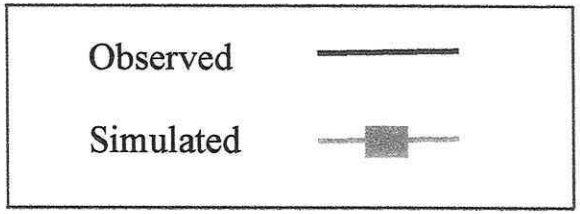


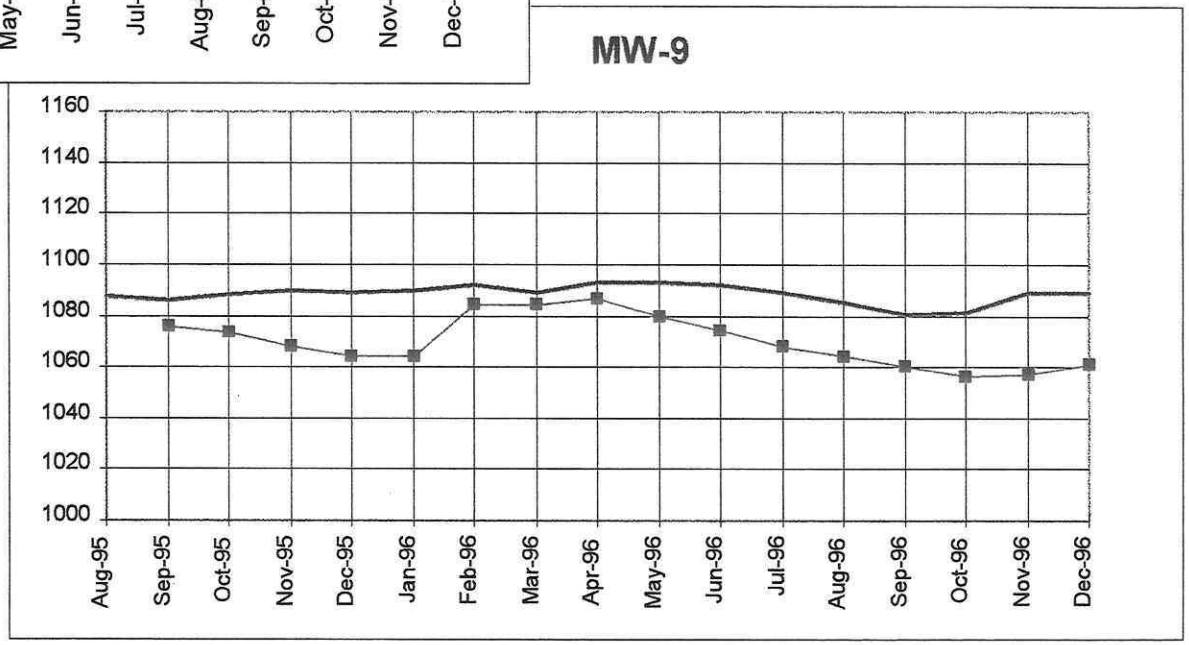




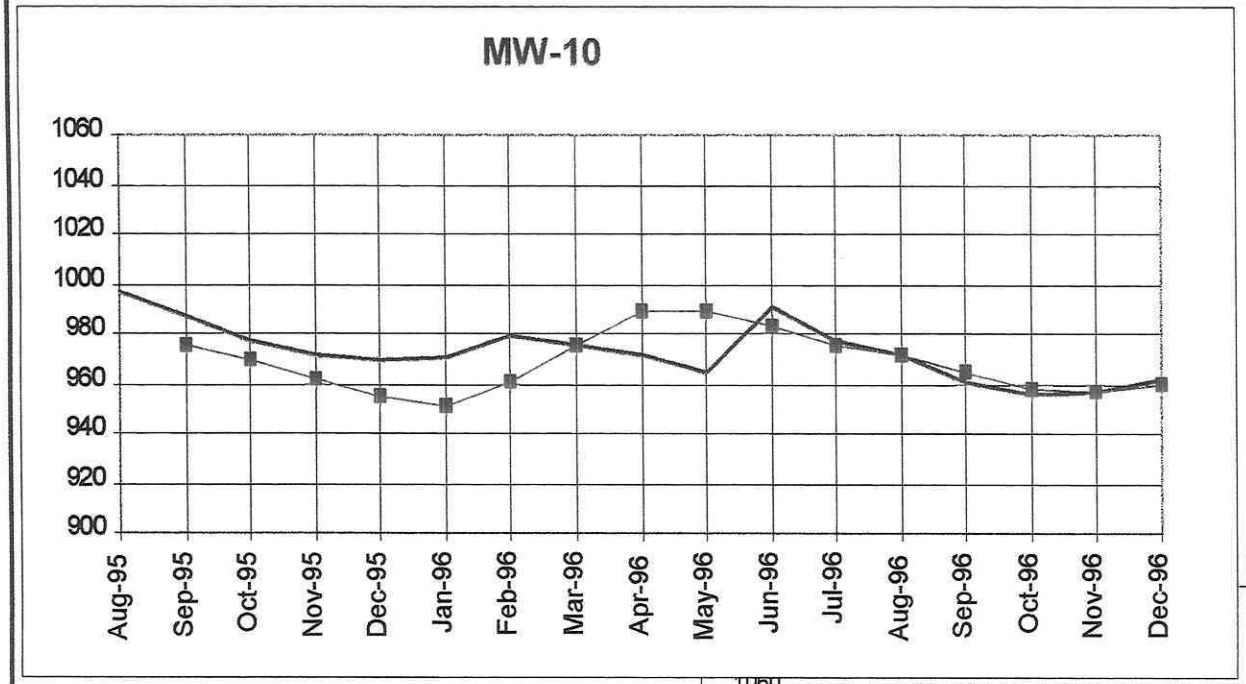
Simulated vs. Observed Piezometric Elevations in Shallow Wells- Initial Three-Dimensional Calibration

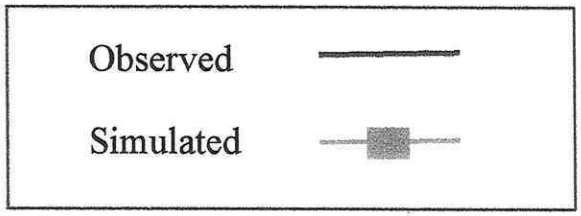


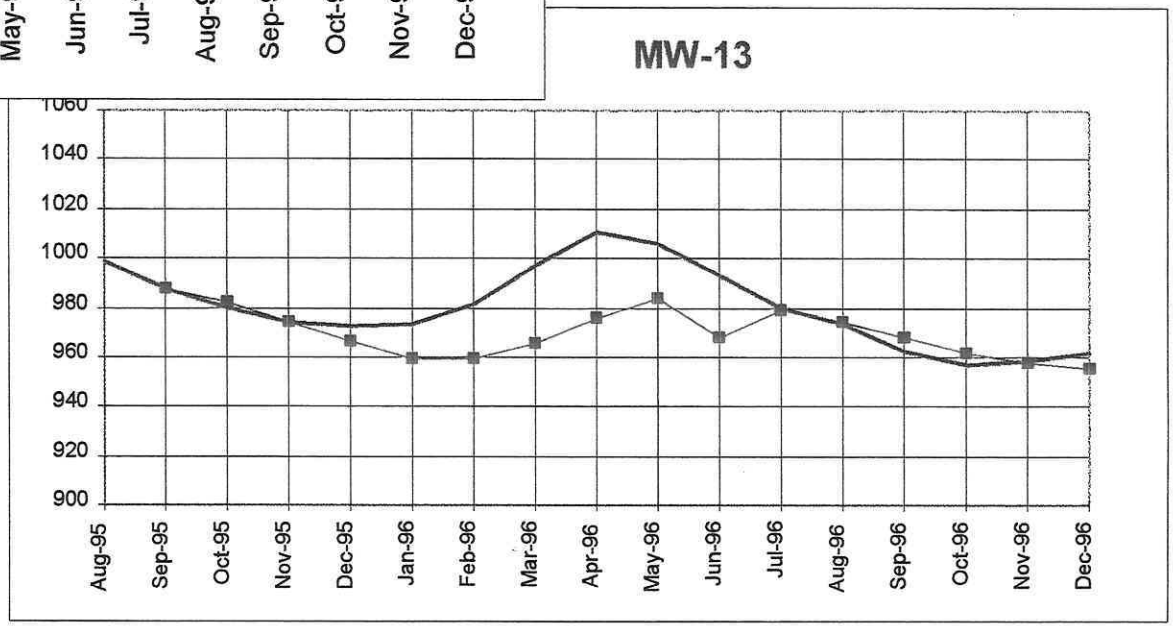




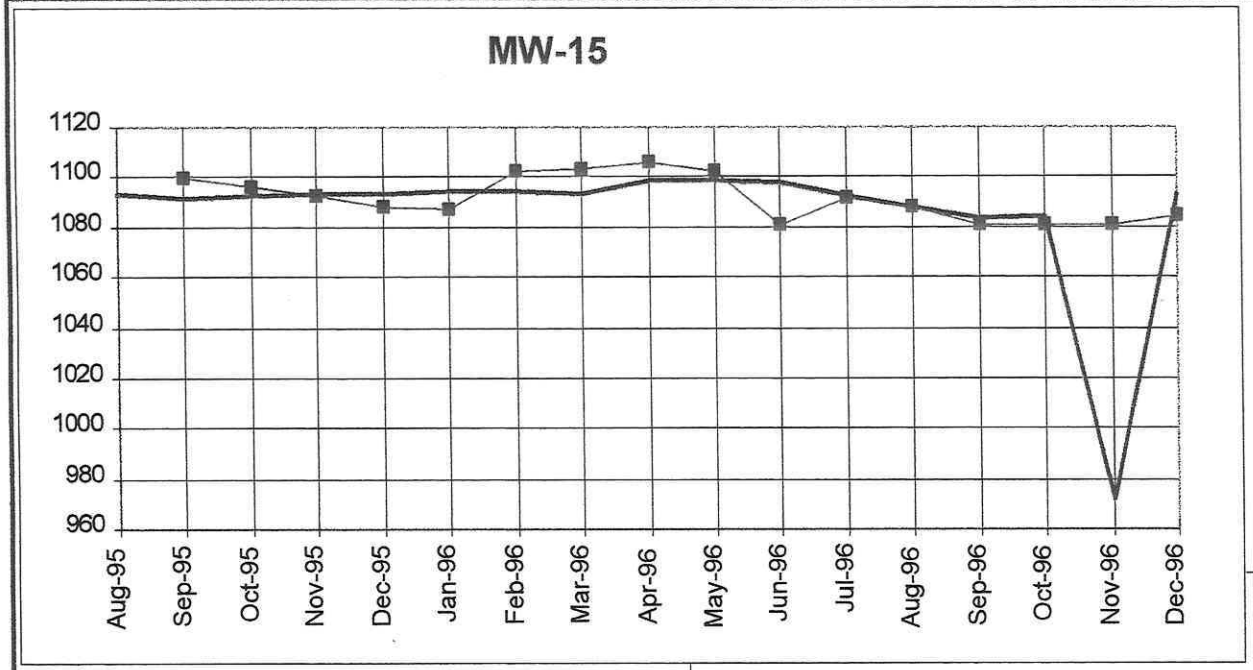
Simulated vs. Observed Piezometric Elevations in Shallow Wells- Initial Three-Dimensional Calibration

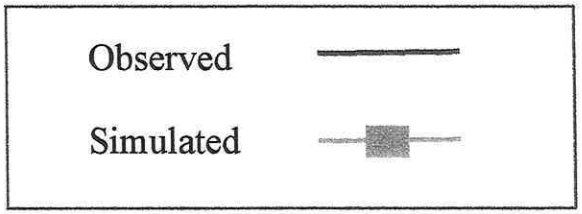


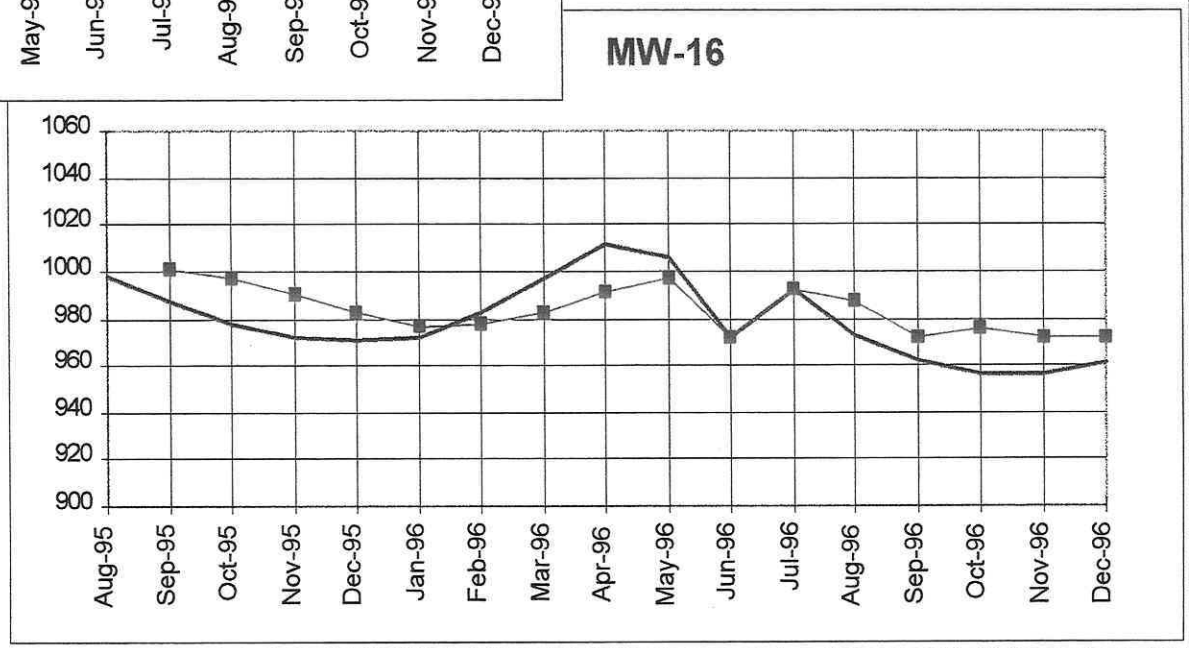




Simulated vs. Observed Piezometric Elevations in Shallow Wells- Initial Three-Dimensional Calibration



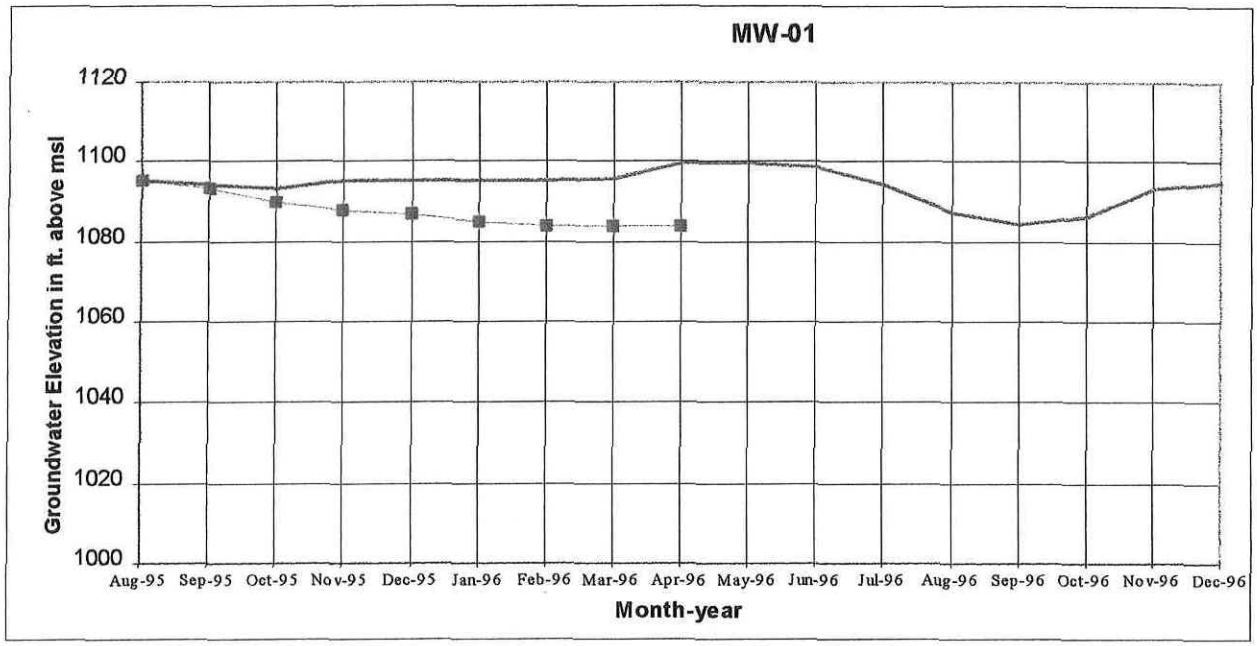


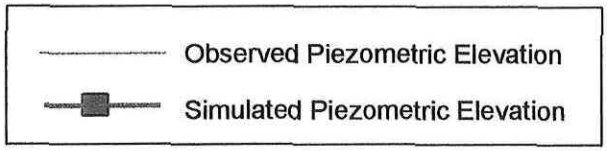


Simulated vs. Observed Piezometric Elevations in Shallow Wells- Initial Three-Dimensional Calibration

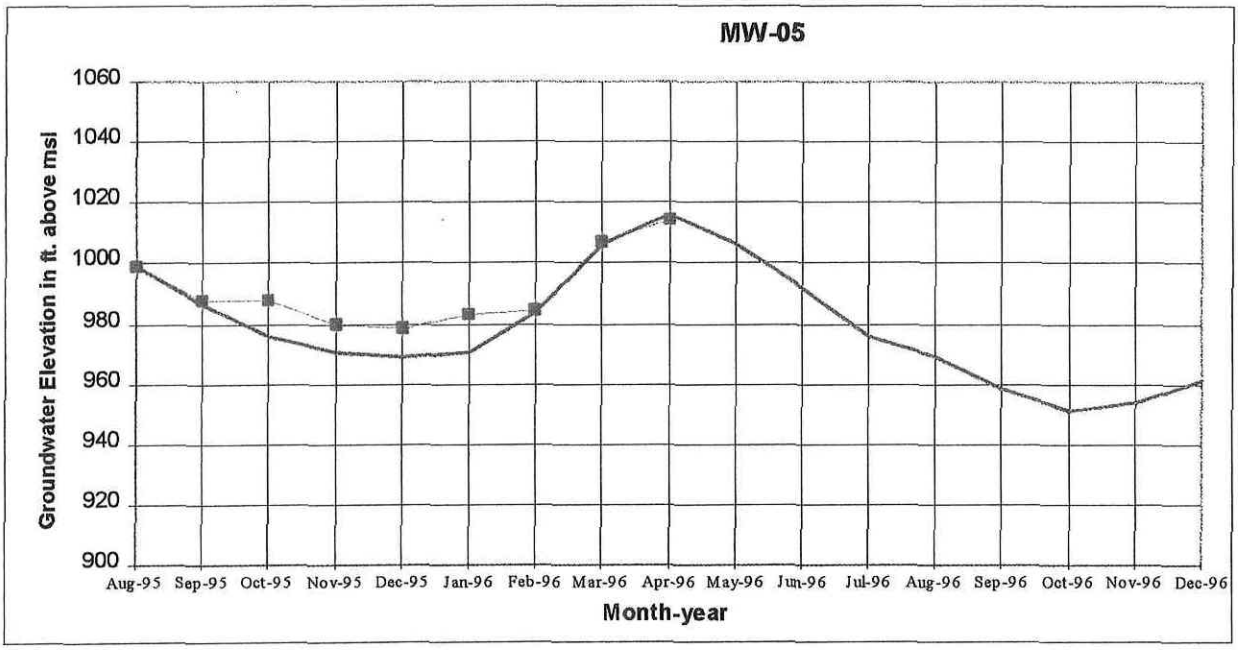
Observed vs. Simulated Piezometric Elevations- Refined Three Dimensional Calibration

CORRELATION FACTOR = -.49028





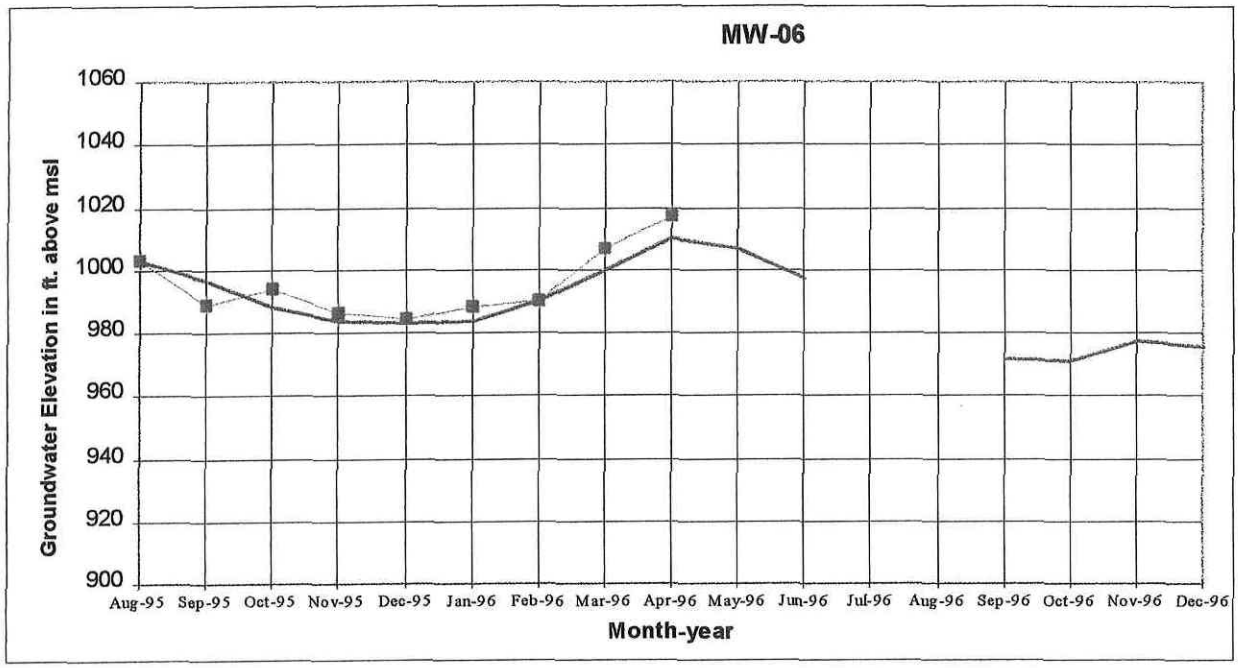
CORRELATION FACTOR = .97062

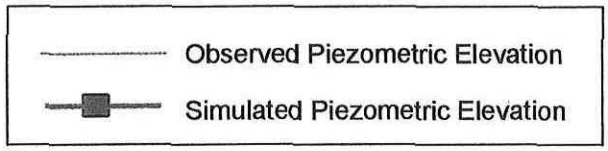


*Note: Refined Three-Dimensional Model Simulations Ran through April 1,1996

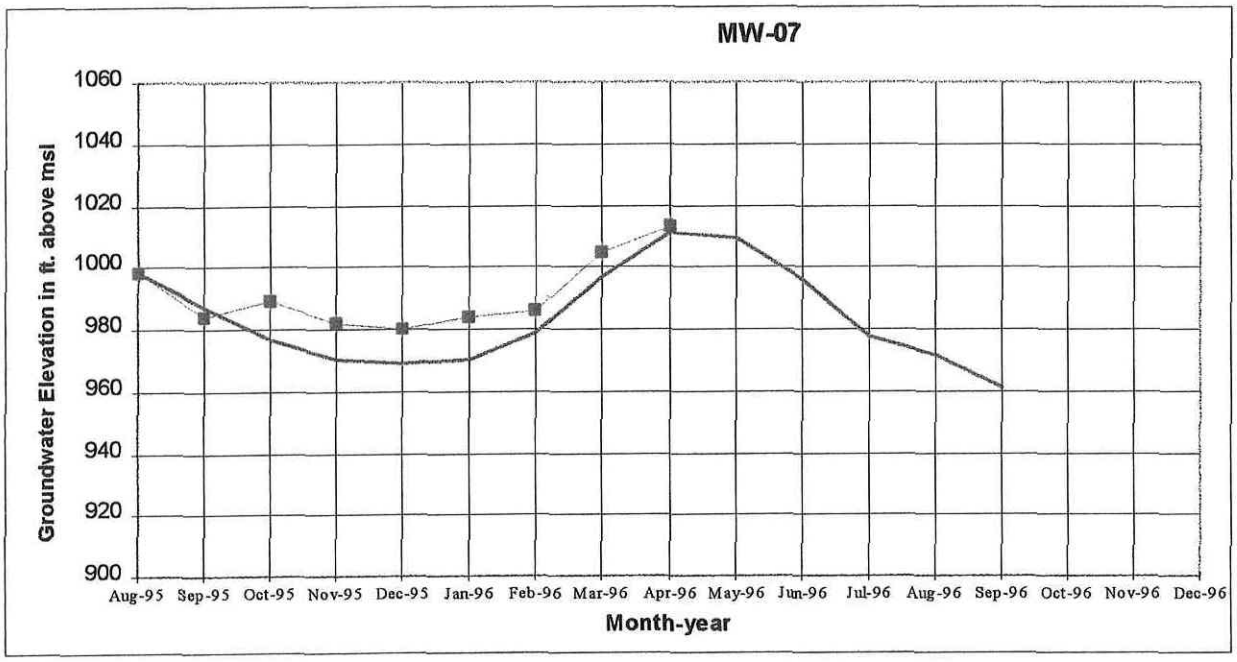
Observed vs. Simulated Piezometric Elevations- Refined Three Dimensional Calibration

CORRELATION FACTOR = .90407





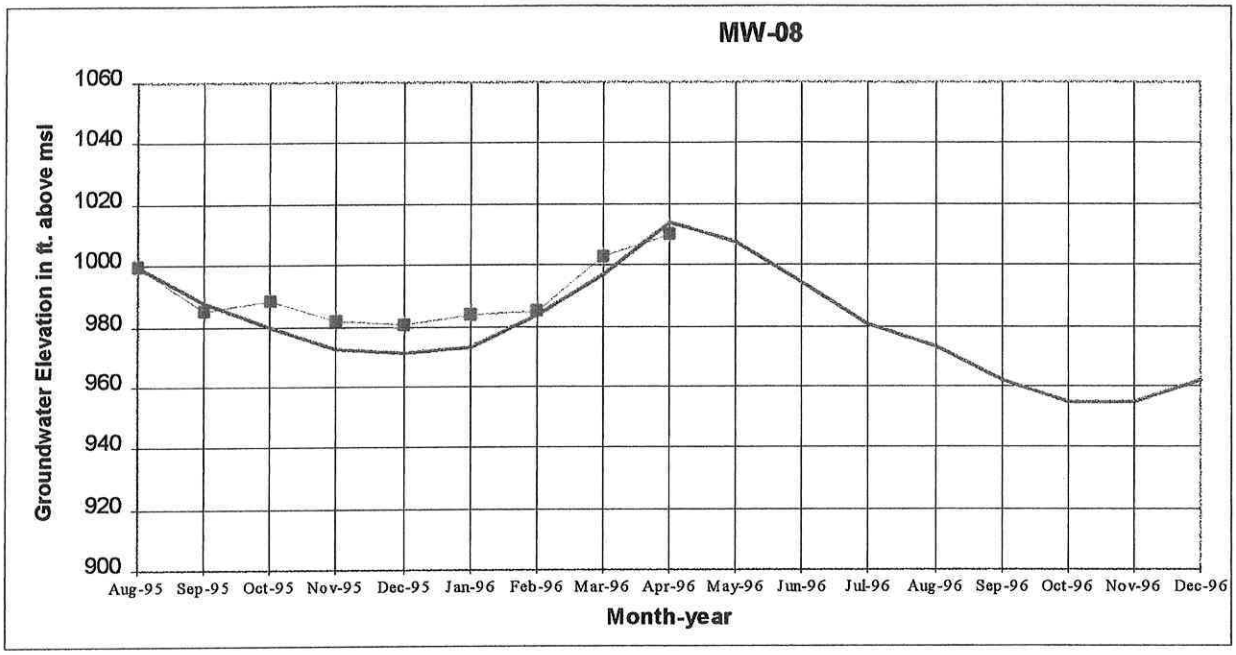
CORRELATION FACTOR = .92935

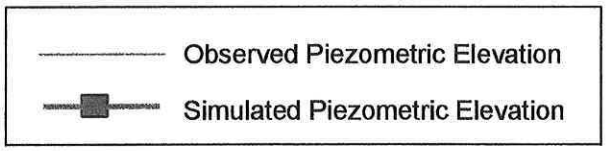


*Note: Refined Three-Dimensional Model Simulations Ran through April 1,1996

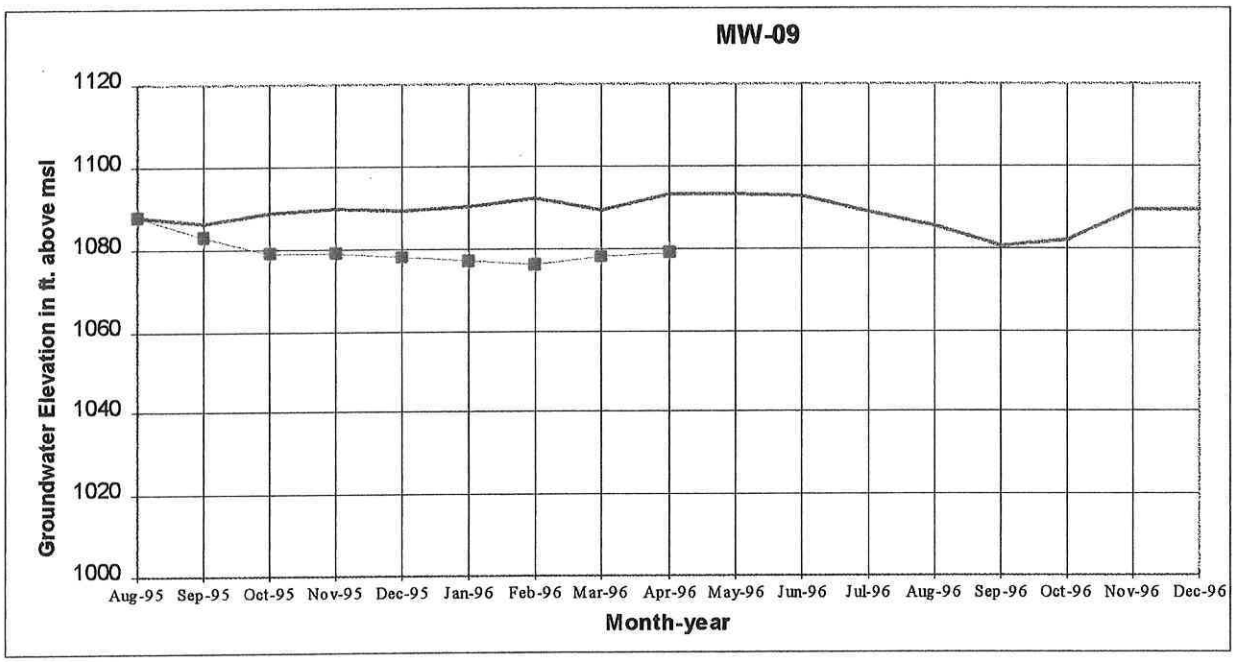
Observed vs. Simulated Piezometric Elevations- Refined Three Dimensional Calibration

CORRELATION FACTOR = .94370





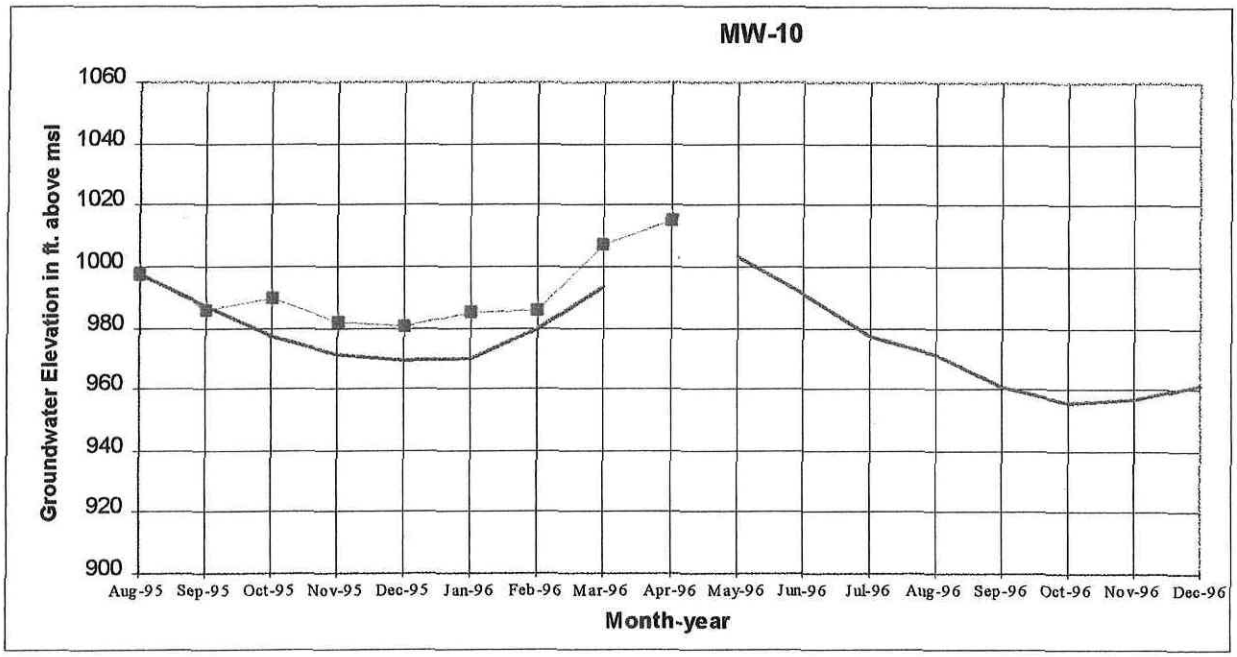
CORRELATION FACTOR = -.62266

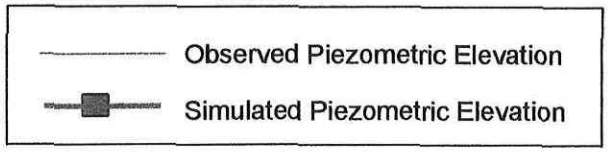


*Note: Refined Three-Dimensional Model Simulations Ran through April 1,1996

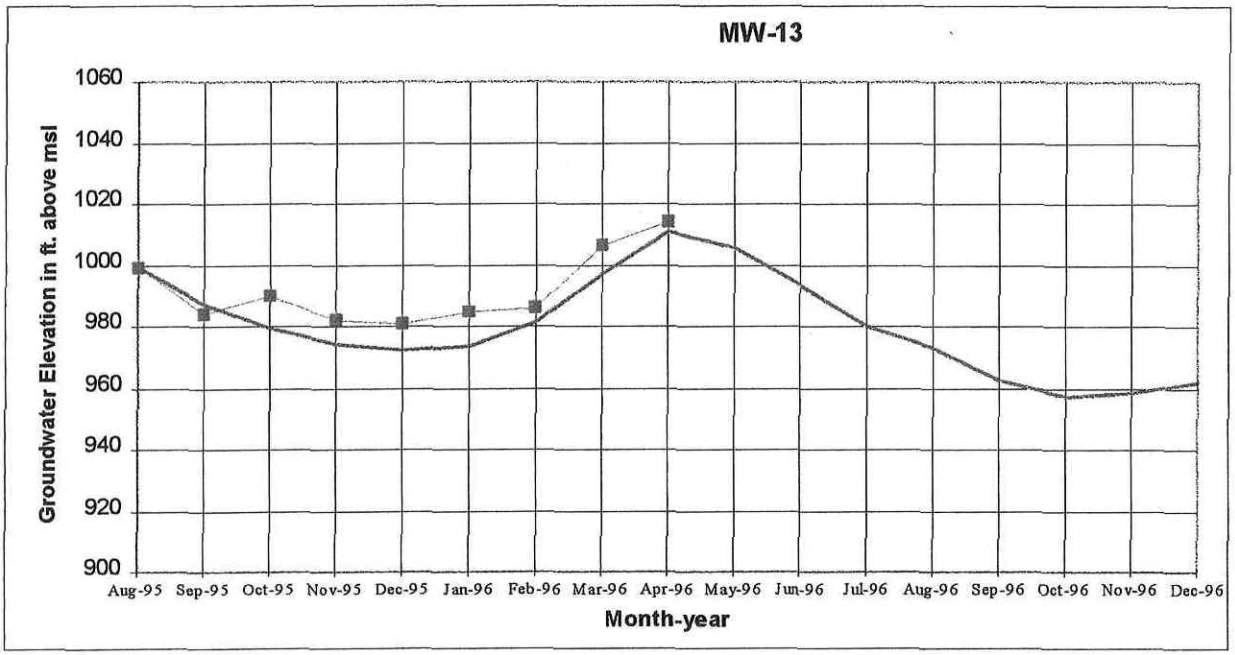
Observed vs. Simulated Piezometric Elevations- Refined Three Dimensional Calibration

CORRELATION FACTOR = .82852





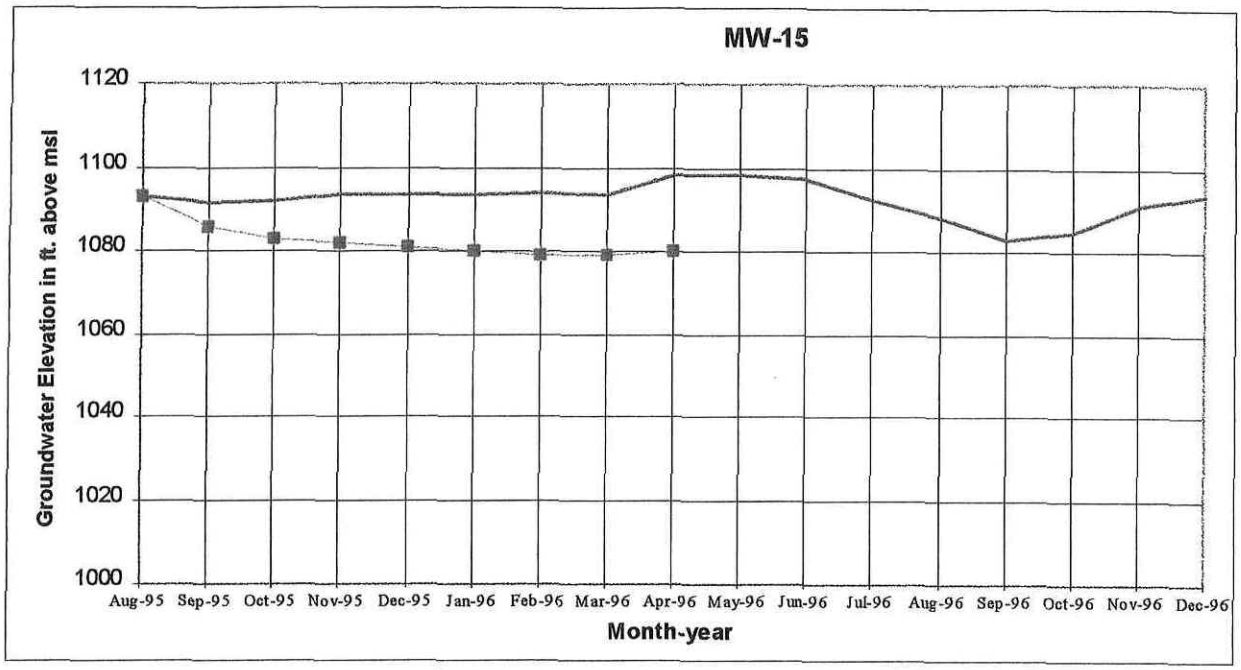
CORRELATION FACTOR = .93129

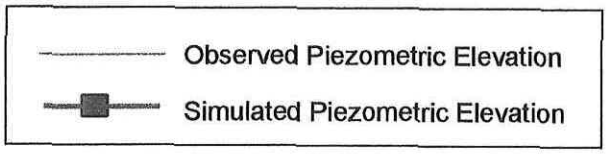


*Note: Refined Three-Dimensional Model Simulations Ran through April 1,1996

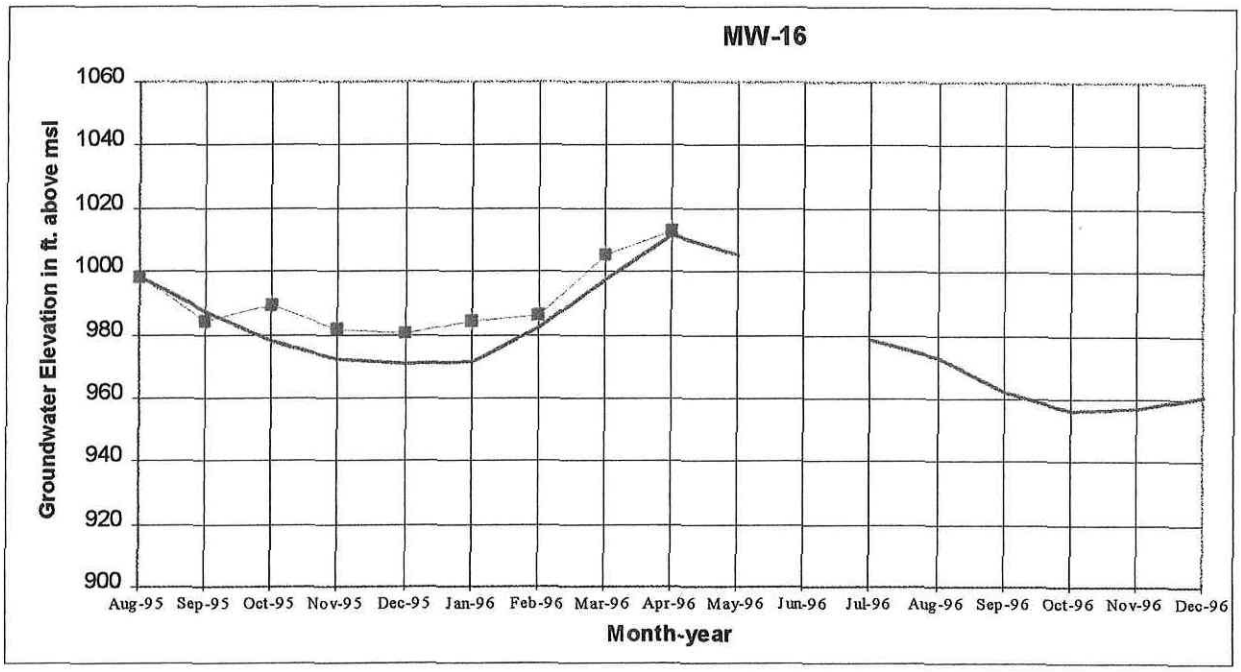
Observed vs. Simulated Piezometric Elevations- Refined Three Dimensional Calibration

CORRELATION FACTOR = -.36380





CORRELATION FACTOR = .92992



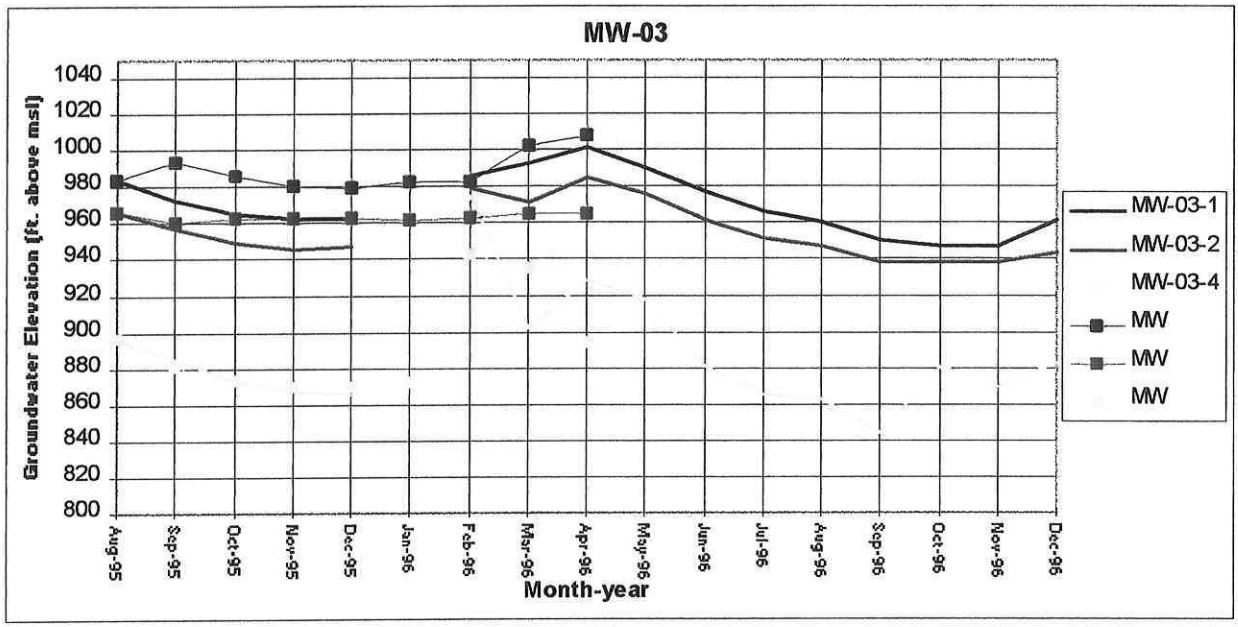
*Note: Refined Three-Dimensional Model Simulations Ran through April 1,1996

Observed vs. Simulated Piezometric Elevations-Refined Three Dimensional Calibration, Geologic Layers 1,2,3

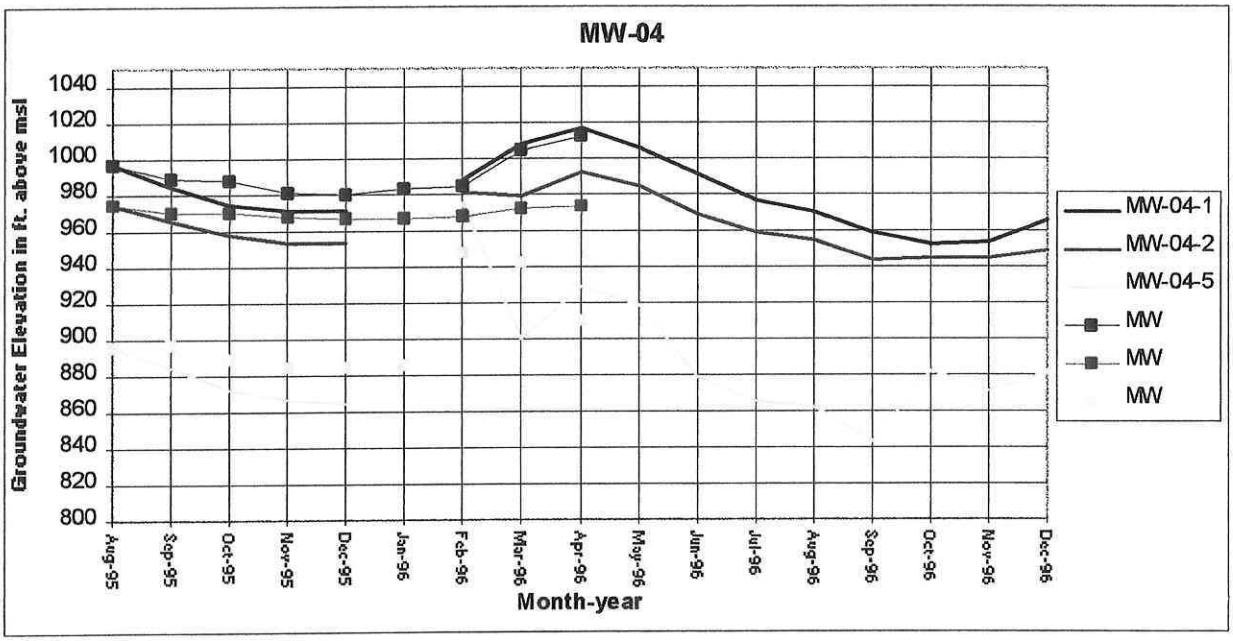
Model Layers	Color
1	
2	
3	
4	
5	
6	

Observed Values (line)
Simulated Values (symbol)

Port	1	2	4
CORRELATION	.77097	.53672	.96178



Port	1	2	5
CORRELATION	.95492	.61370	.98078



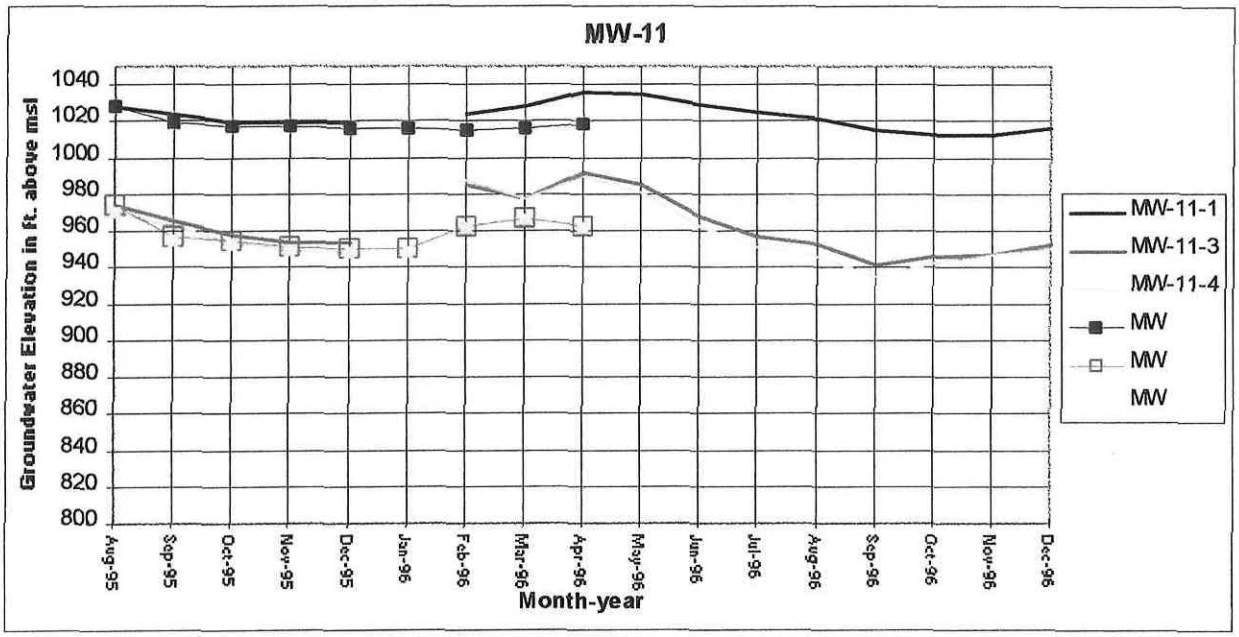
*Note: Refined Three-Dimensional Model Simulations Ran through April 1,1996

Observed vs. Simulated Piezometric Elevations-Refined Three Dimensional Calibration, Geologic Layers 1,2,3

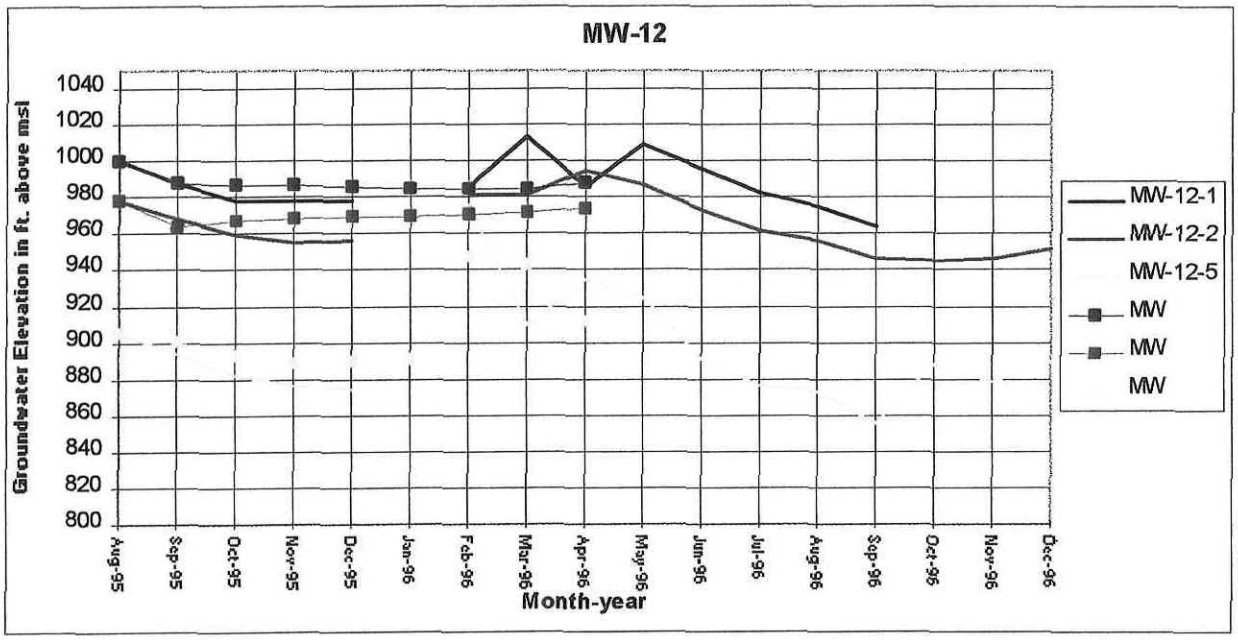
Model Layers	Color
1	
2	
3	
4	
5	
6	

Observed Values (line)
Simulated Values (symbol)

Port	1	3	4
CORRELATION	.31656	.70028	.74213



Port	1	2	5
CORRELATION	.28205	.56571	.97813



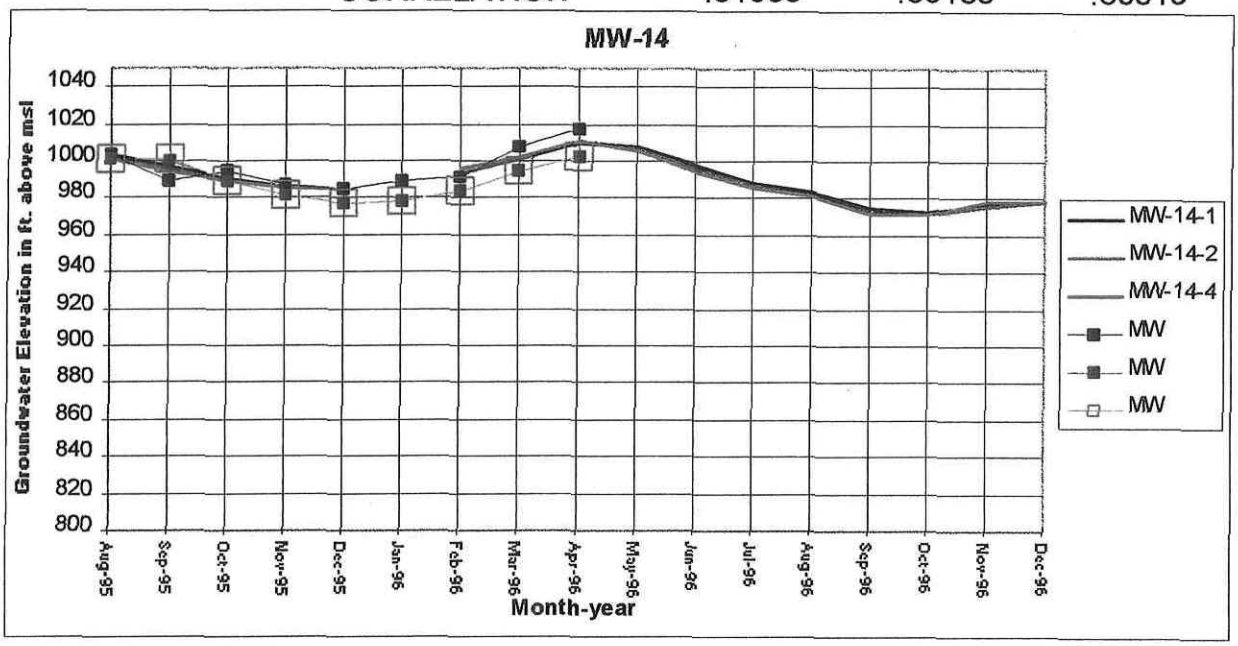
*Note: Refined Three-Dimensional Model Simulations Ran through April 1,1996

Observed vs. Simulated Piezometric Elevations-Refined Three Dimensional Calibration, Geologic Layers 1,2,3

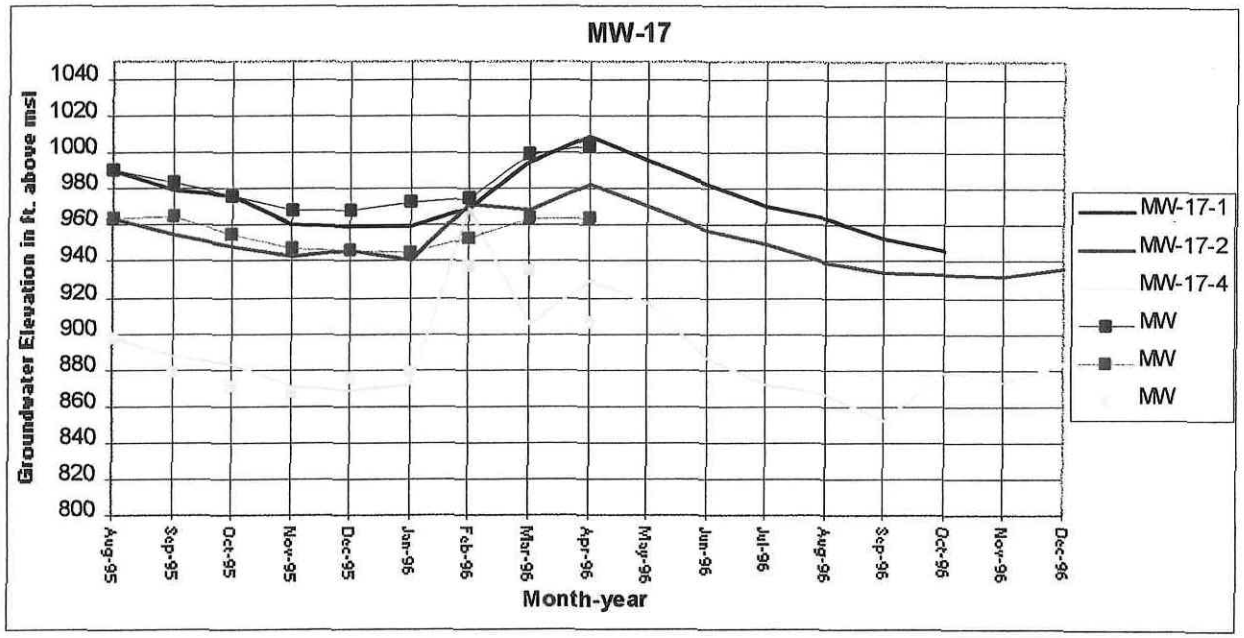
Model Layers	Color
1	
2	
3	
4	
5	
6	

Observed Values (line)
Simulated Values (symbol)

Port	1	2	4
CORRELATION	.91533	.85185	.80019



Port	1	2	4
CORRELATION	.97577	.71565	.96828



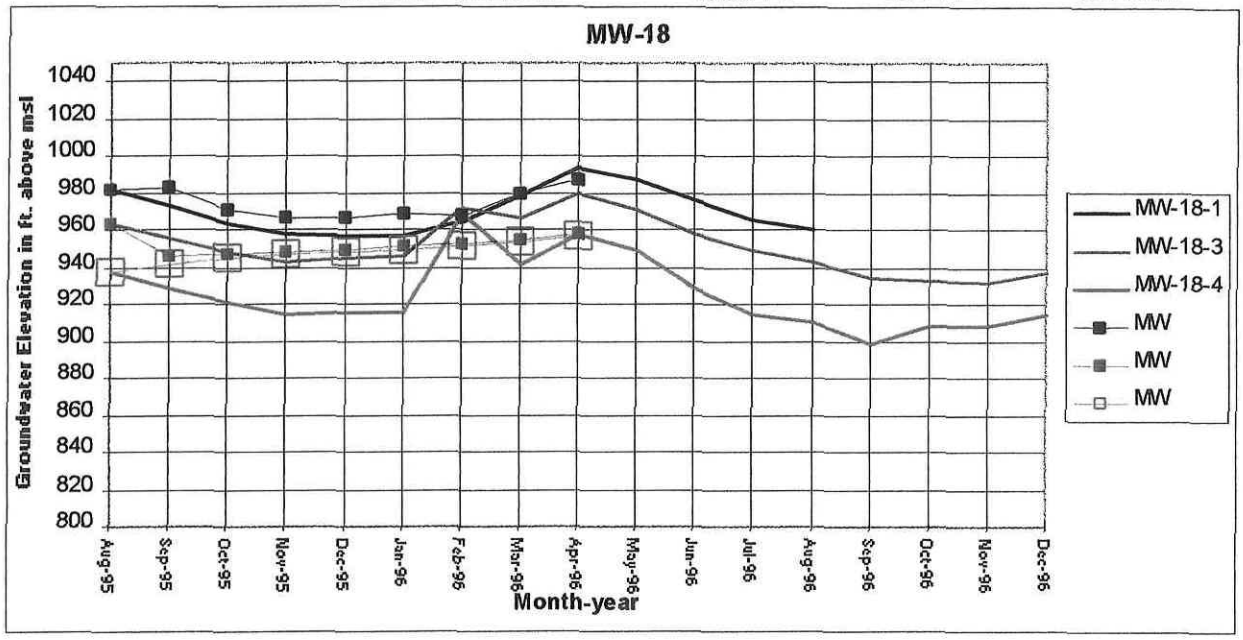
*Note: Refined Three-Dimensional Model Simulations Ran through April 1,1996

Observed vs. Simulated Piezometric Elevations-Refined Three Dimensional Calibration, Geologic Layers 1,2,3

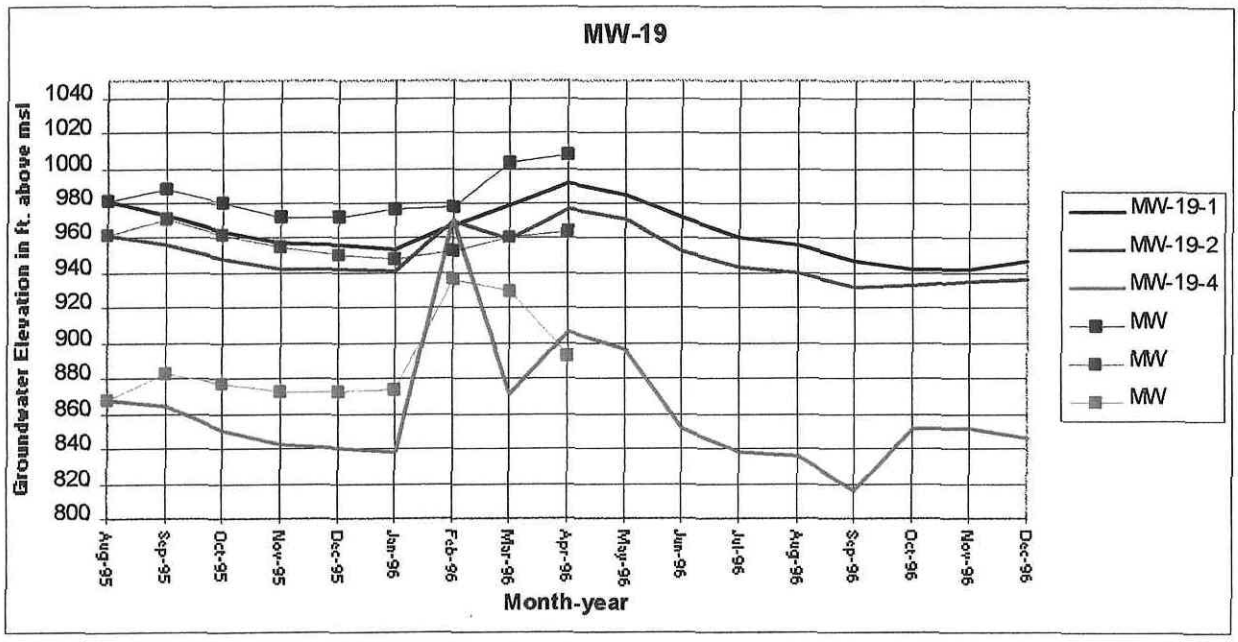
Model Layers	Color
1	
2	
3	
4	
5	
6	

Observed Values (line)
Simulated Values (symbol)

Port	1	3	4
CORRELATION	.93618	.64114	.37722



Port	1	2	4
CORRELATION	.85038	.48236	.94720



*Note: Refined Three-Dimensional Model Simulations Ran through April 1,1996

APPENDIX C

OBSERVED VS. SIMULATED PIEZOMETRIC ELEVATIONS IN DEEP AND SHALLOW JPL WELLS AND RESIDUAL PLOT FOR REFINED THREE-DIMENSIONAL CALIBRATION