



STATISTICAL MATCH PARAMETER ESTIMATES

Estimate                      Std. Error  
 K = 1.3422E+001 +/- 1.2637E-001 ft/day  
 y0 = 2.7191E+000 +/- 4.1315E-002 ft

ANALYSIS OF MODEL RESIDUALS

residual = observed - calculated  
 weighted residual = residual \* weight

Weighted Residual Statistics:

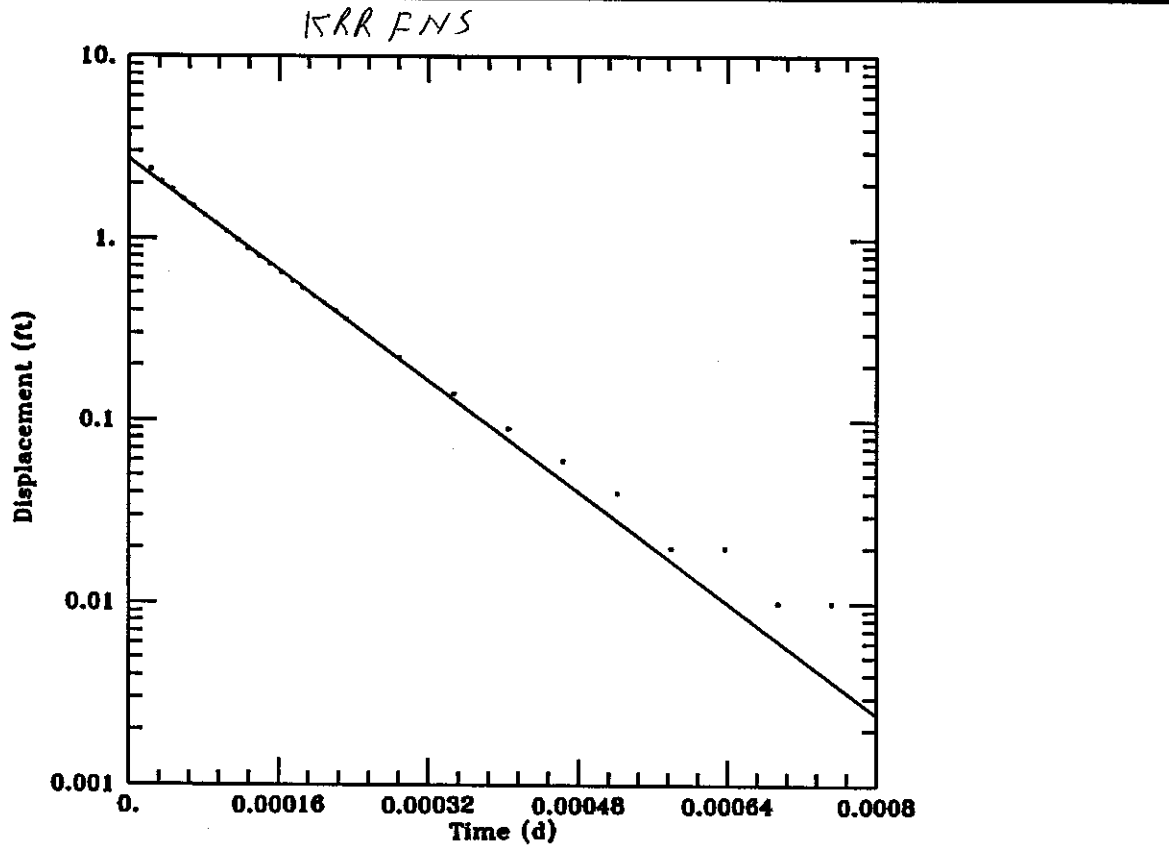
Number of residuals..... 28  
 Number of estimated parameters.... 2  
 Degrees of freedom..... 26  
 Residual mean..... 0.02149  
 Residual standard deviation..... 0.0641  
 Residual variance..... 0.004109

Model Residuals:

Time Weight	Observed	Calculated	Residual
2.3E-005 1	2.4	2.222	0.17801
3.5E-005 1	2.05	1.9998	0.050164
4.6E-005 1	1.86	1.8158	0.044241
5.8E-005 1	1.65	1.6342	0.015783
6.9E-005 1	1.51	1.4838	0.026206
8.1E-005 1	1.34	1.3354	0.0045582
9.3E-005 1	1.21	1.2019	0.0080776
0.000104 1	1.09	1.0913	-0.0012902
0.000116 1	0.98	0.98218	-0.0021814
0.000127 1	0.88	0.89178	-0.011776
0.000139 1	0.8	0.80261	-0.0026145
0.00015 1	0.72	0.72874	-0.0087371
0.000162 10	0.65	0.65588	-0.0058769




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**DATA SET:**  
 KRRFNS.DAT  
 02/10/97

**AQUIFER MODEL:**  
 Unconfined  
**SOLUTION METHOD:**  
 Bouwer-Rice

**TEST DATA:**  
 H0 = 3.67 ft  
 rc = 0.0833 ft  
 rw = 0.25 ft  
 L = 5. ft  
 b = 28.2 ft  
 H = 13.2 ft

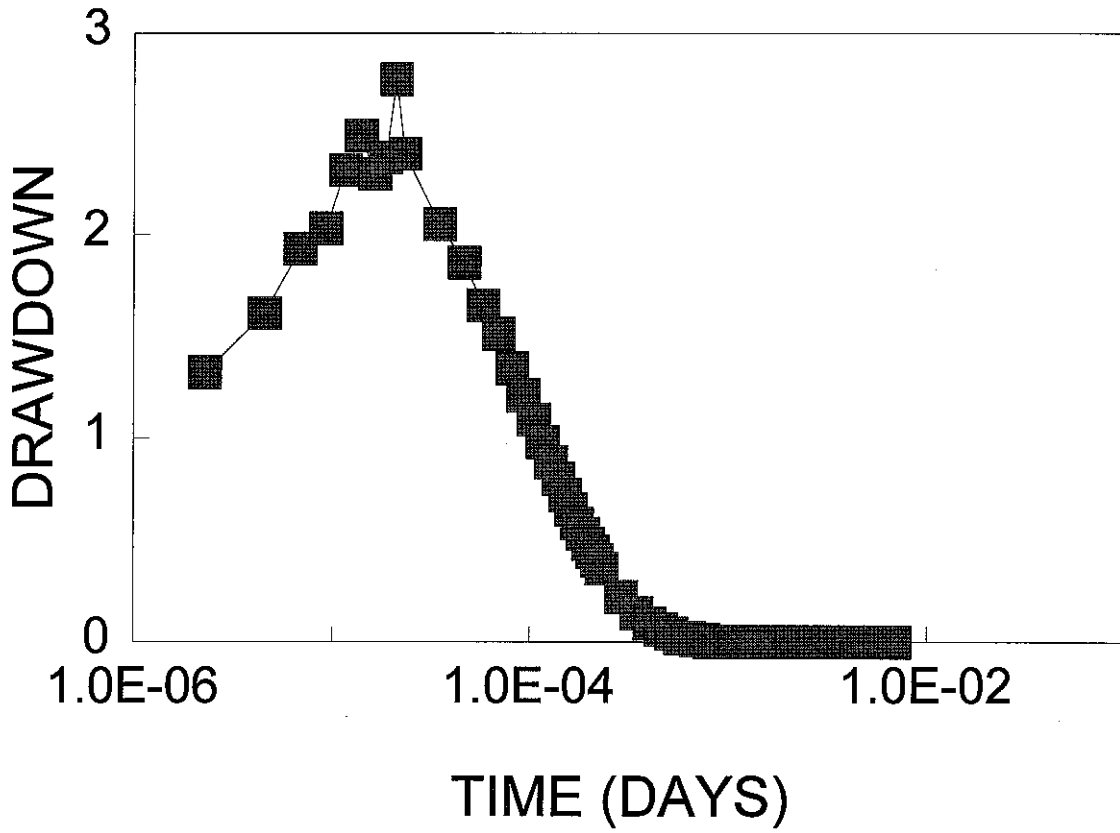
**PARAMETER ESTIMATES:**  
 K = 13.42 ft/day  
 y0 = 2.719 ft

KRRFNS SLUG TEST DATA				
ELAPSED	HERMIT	ELAPSED	DRAWDOWN	WEIGHT
TIME	LEVEL	TIME		
(MIN)		(DAYS)		
0.000000	1.52	0.000000	1.52	1
0.003300	1.32	0.000002	1.32	1
0.006600	1.61	0.000005	1.61	1
0.009900	1.93	0.000007	1.93	1
0.013300	2.03	0.000009	2.03	1
0.016600	2.32	0.000012	2.32	1
0.020000	2.49	0.000014	2.49	1
0.023300	2.30	0.000016	2.30	1
0.026600	2.38	0.000018	2.38	1
0.030000	2.77	0.000021	2.77	1
0.033300	2.40	0.000023	2.40	1
0.050000	2.05	0.000035	2.05	1
0.066600	1.86	0.000046	1.86	1
0.083300	1.65	0.000058	1.65	1
0.100000	1.51	0.000069	1.51	1
0.116600	1.34	0.000081	1.34	1
0.133300	1.21	0.000093	1.21	1
0.150000	1.09	0.000104	1.09	1
0.166600	0.98	0.000116	0.98	1
0.183300	0.88	0.000127	0.88	1
0.200000	0.80	0.000139	0.80	1
0.216600	0.72	0.000150	0.72	1
0.233300	0.65	0.000162	0.65	1
0.250000	0.58	0.000174	0.58	1
0.266600	0.53	0.000185	0.53	1
0.283300	0.48	0.000197	0.48	1
0.300000	0.44	0.000208	0.44	1
0.316600	0.40	0.000220	0.40	1
0.333300	0.36	0.000231	0.36	1
0.416700	0.22	0.000289	0.22	1
0.500000	0.14	0.000347	0.14	1
0.583300	0.09	0.000405	0.09	1
0.666700	0.06	0.000463	0.06	1
0.750000	0.04	0.000521	0.04	1
0.833300	0.02	0.000579	0.02	1
0.916700	0.02	0.000637	0.02	1
1.000000	0.01	0.000694	0.01	1
1.083300	0.01	0.000752	0.01	1
1.166700	0.00	0.000810	0.00	1
1.250000	0.00	0.000868	0.00	1

KRRFNS SLUG TEST DATA				
ELAPSED	HERMIT	ELAPSED	DRAWDOWN	WEIGHT
TIME	LEVEL	TIME		
(MIN)		(DAYS)		
1.333300	0.00	0.000926	0.00	1
1.416600	0.00	0.000984	0.00	1
1.500000	0.00	0.001042	0.00	1
1.583300	0.00	0.001100	0.00	1
1.666700	0.00	0.001157	0.00	1
1.750000	0.00	0.001215	0.00	1
1.833300	0.00	0.001273	0.00	1
1.916700	0.00	0.001331	0.00	1
2.000000	0.00	0.001389	0.00	1
2.500000	0.00	0.001736	0.00	1
3.000000	0.00	0.002083	0.00	1
3.500000	0.00	0.002431	0.00	1
4.000000	0.00	0.002778	0.00	1
4.500000	0.00	0.003125	0.00	1
5.000000	0.00	0.003472	0.00	1
5.500000	0.00	0.003819	0.00	1
6.000000	0.00	0.004167	0.00	1
6.500000	0.00	0.004514	0.00	1
7.000000	0.00	0.004861	0.00	1
7.500000	0.00	0.005208	0.00	1
8.000000	0.00	0.005556	0.00	1
8.500000	0.00	0.005903	0.00	1
9.000000	0.00	0.006250	0.00	1
9.500000	0.00	0.006597	0.00	1
10.000000	0.00	0.006944	0.00	1
END				



# KRRFNS



■ Data A