

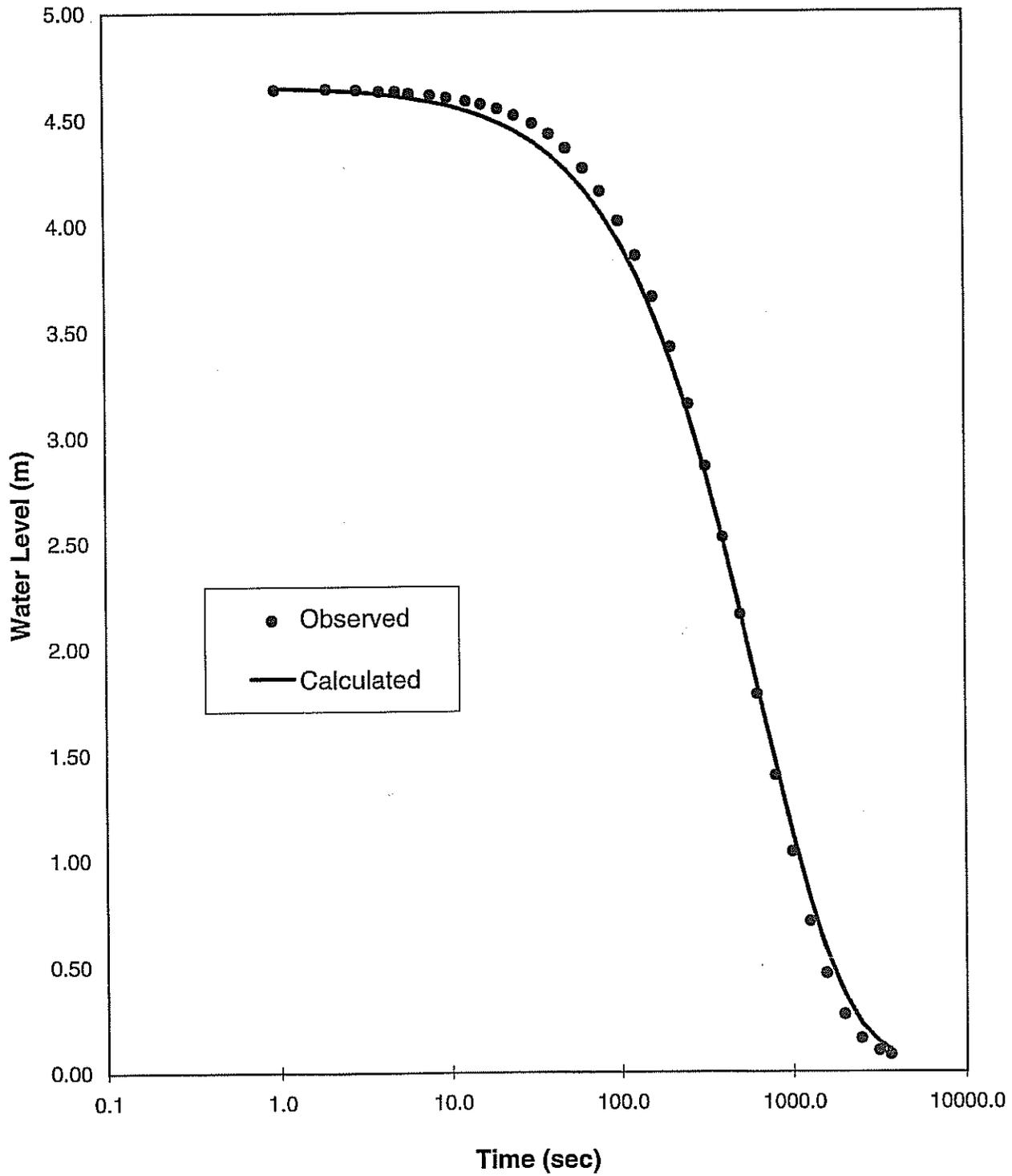
# Appendix A

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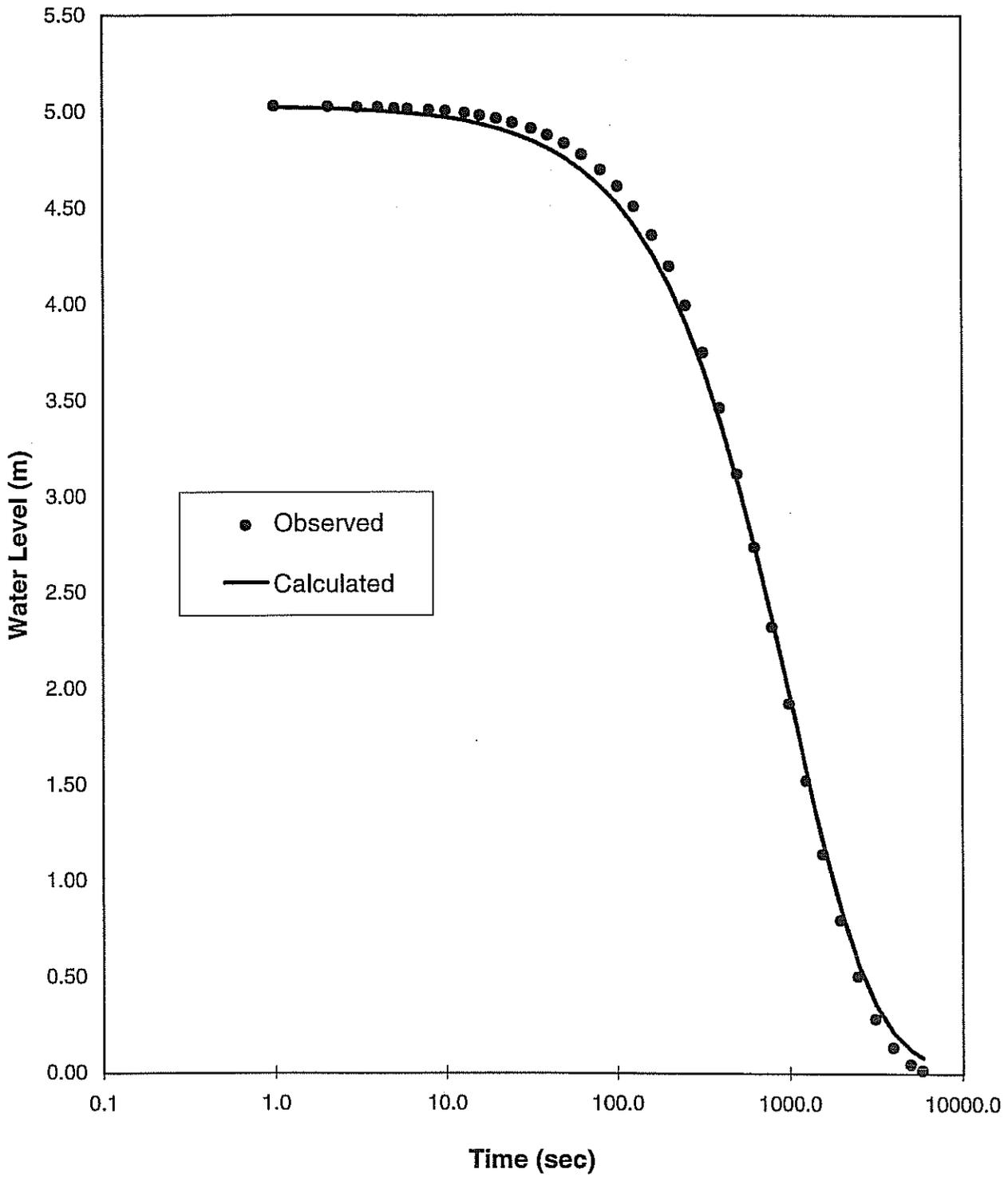
## Hydrogeological Test Data

# Slug Test Data

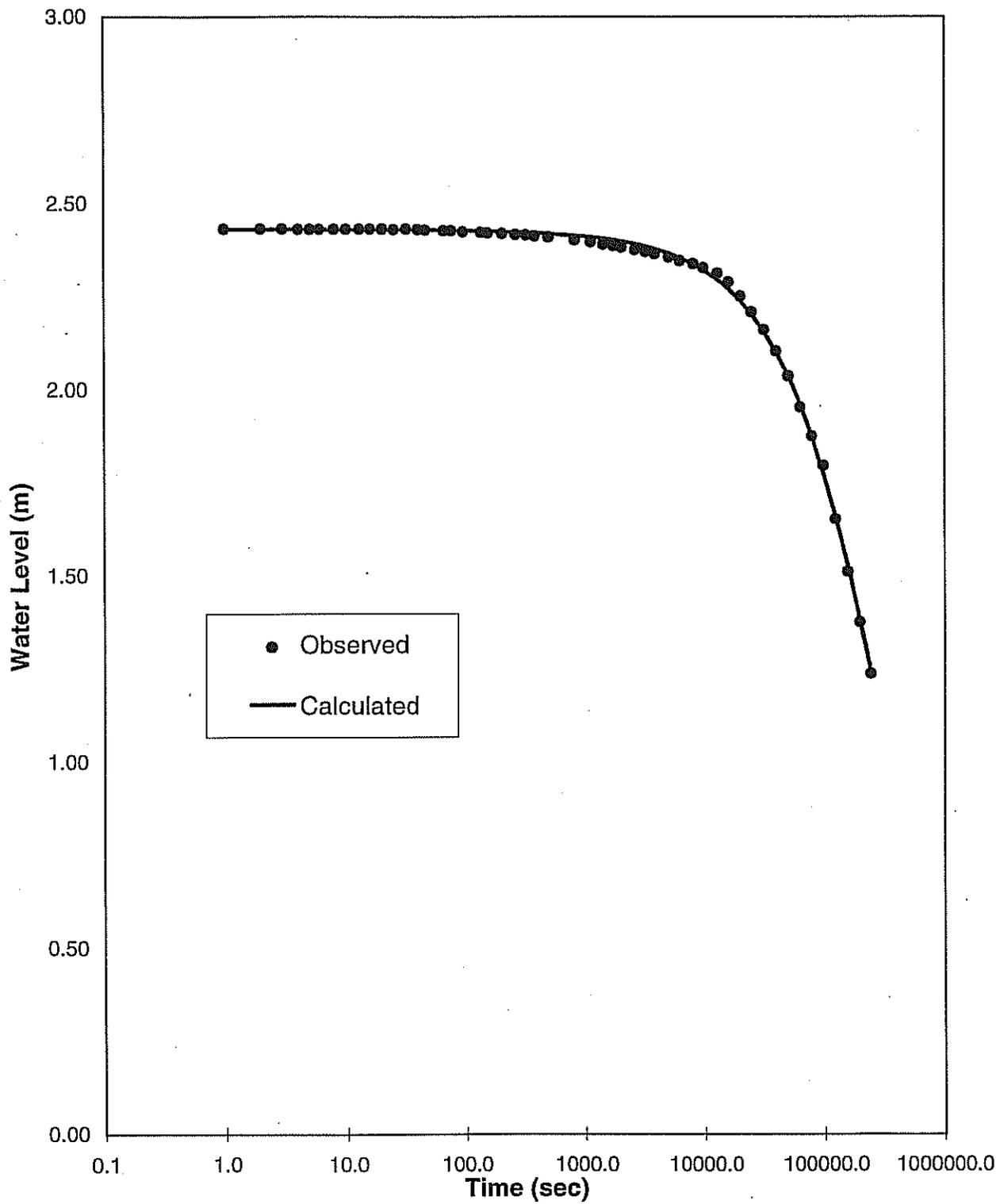
Slug Test at LBL, Well 90-2  
 $K = 1.4 \times 10^{-6}$  [m/sec]



Slug Test at LBL, Well 90-3  
 $K = 1.2 \times 10^{-6}$  [m/sec]

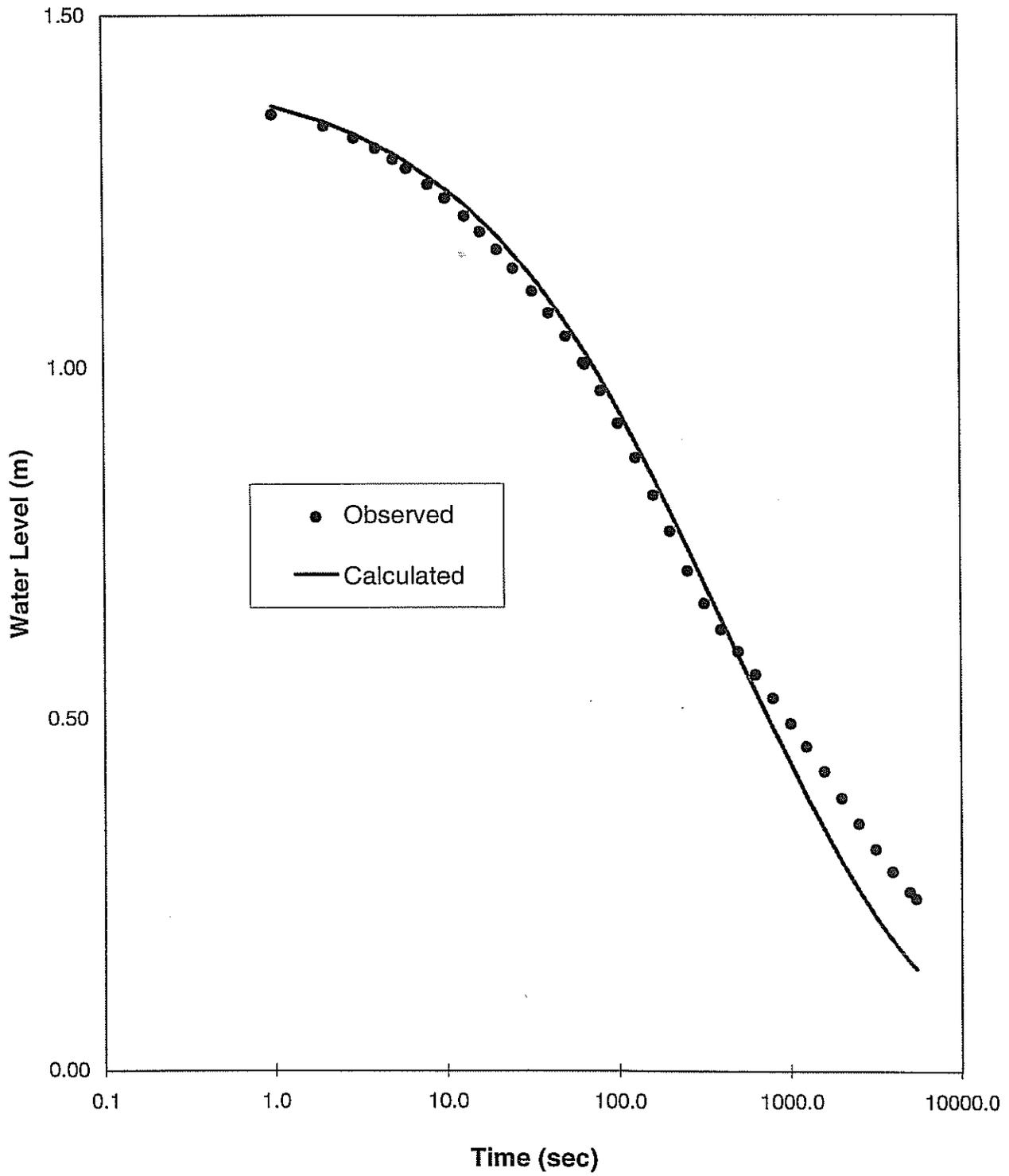


Slug Test at LBL, Well 90-4  
 $K = 1.2 \times 10^{-9}$  [m/sec]

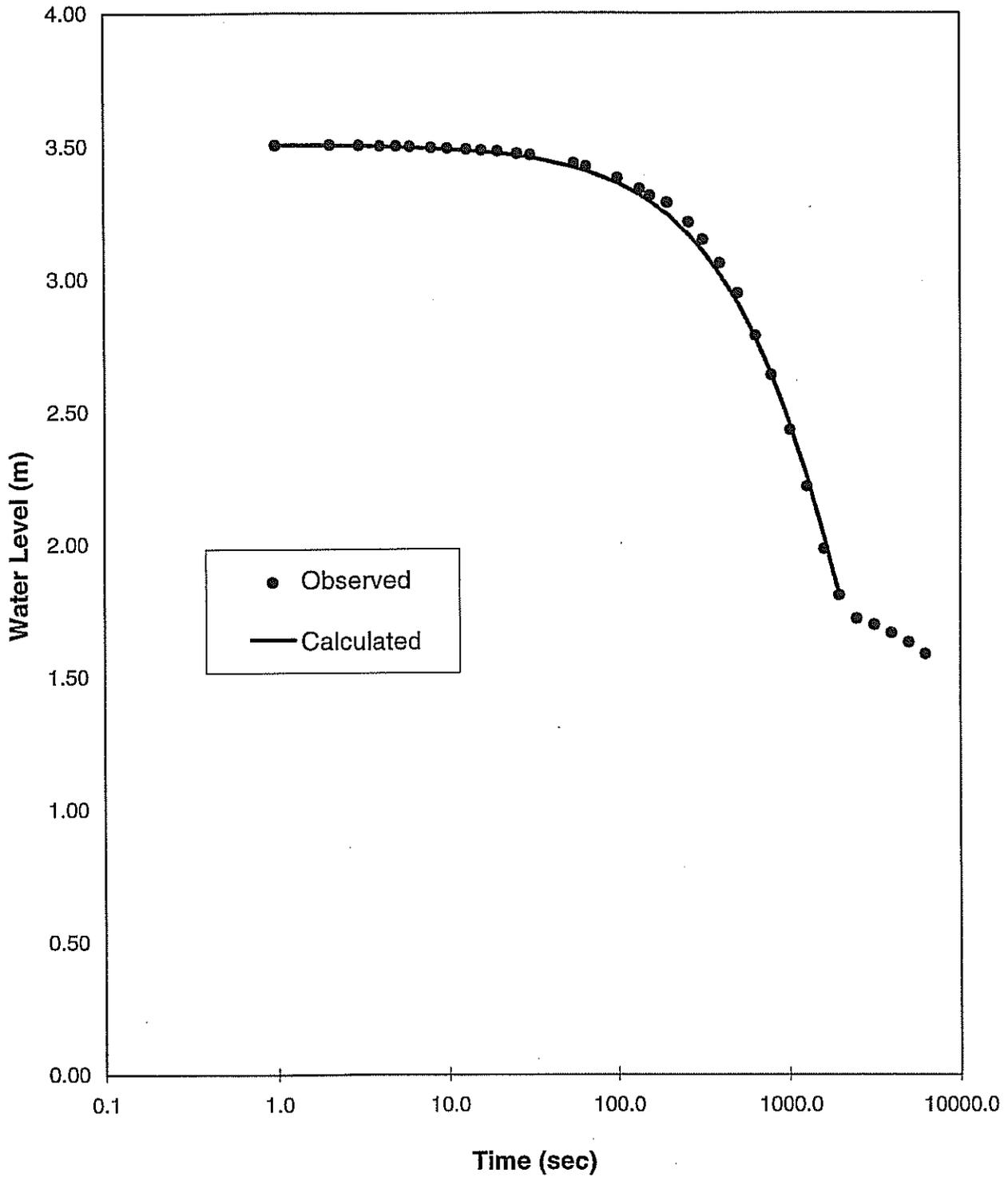


### Slug Test at LBL, Well 90-5

$$K = 3.0 \times 10^{-7} \text{ [m/sec]}$$

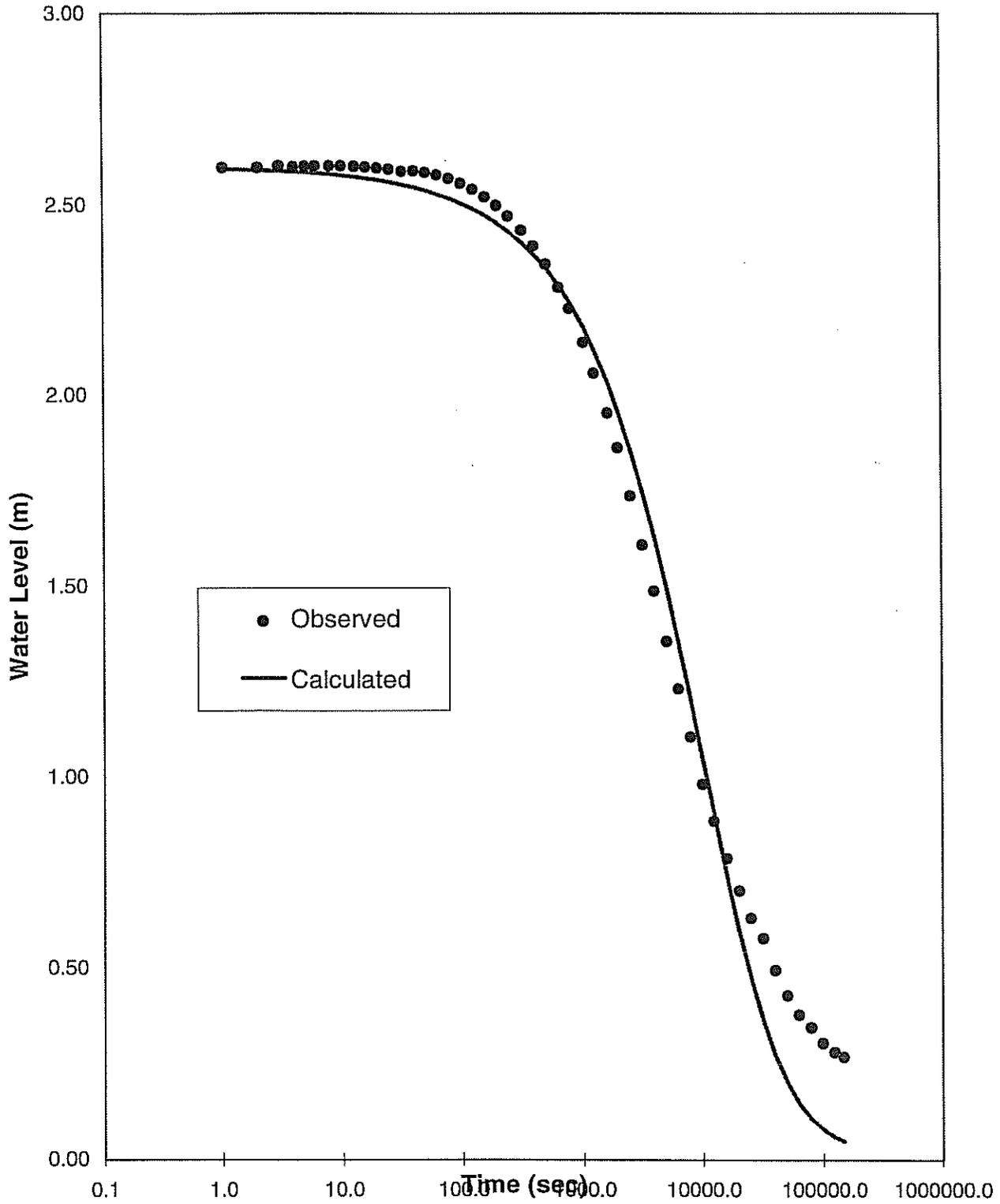


Slug Test at LBL, Well 90-6  
 $K = 3.0 \times 10^{-7}$  [m/sec]



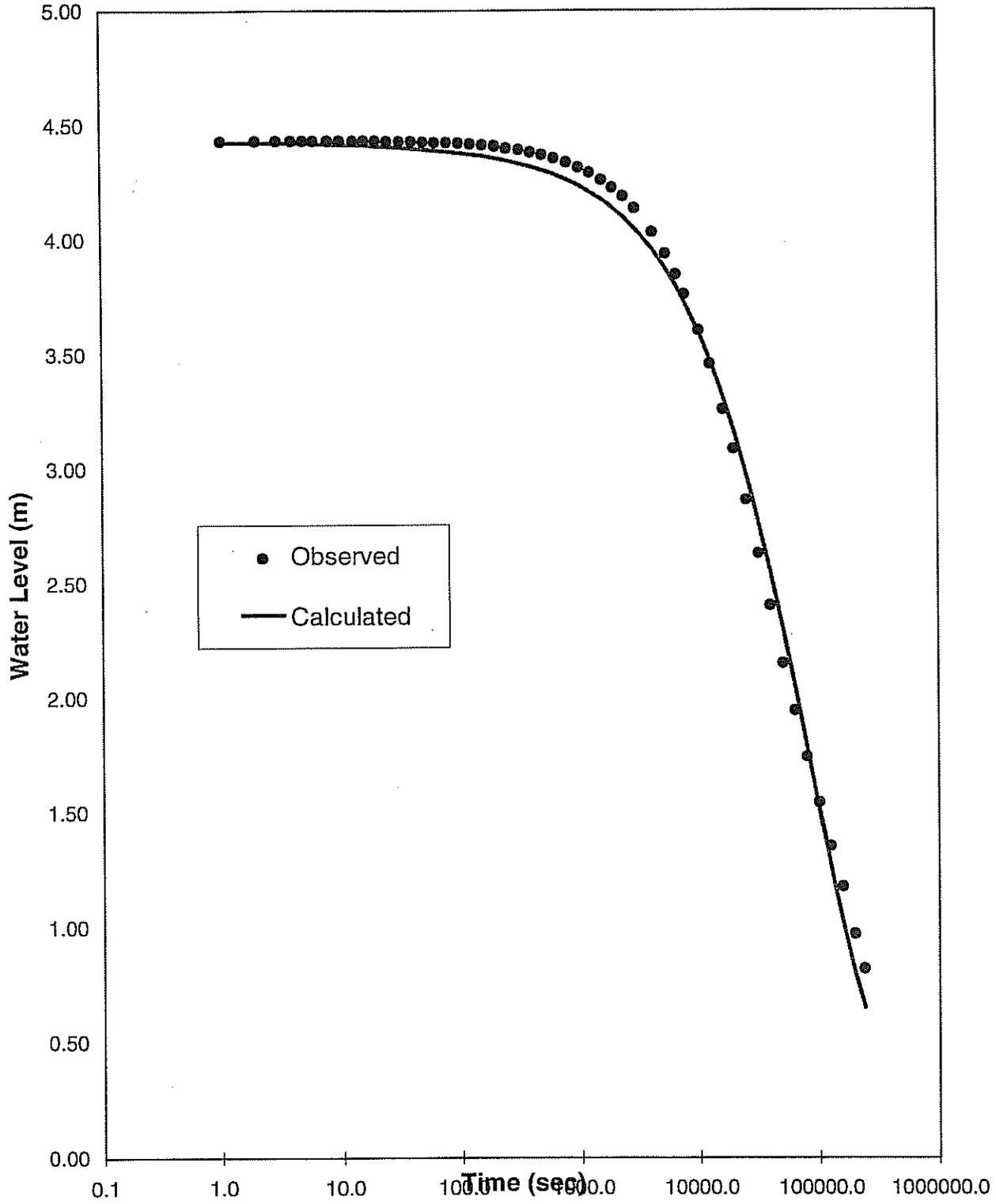
# Slug Test at LBL, Well 91-1

$$K = 2.0 \times 10^{-8} \text{ [m/sec]}$$



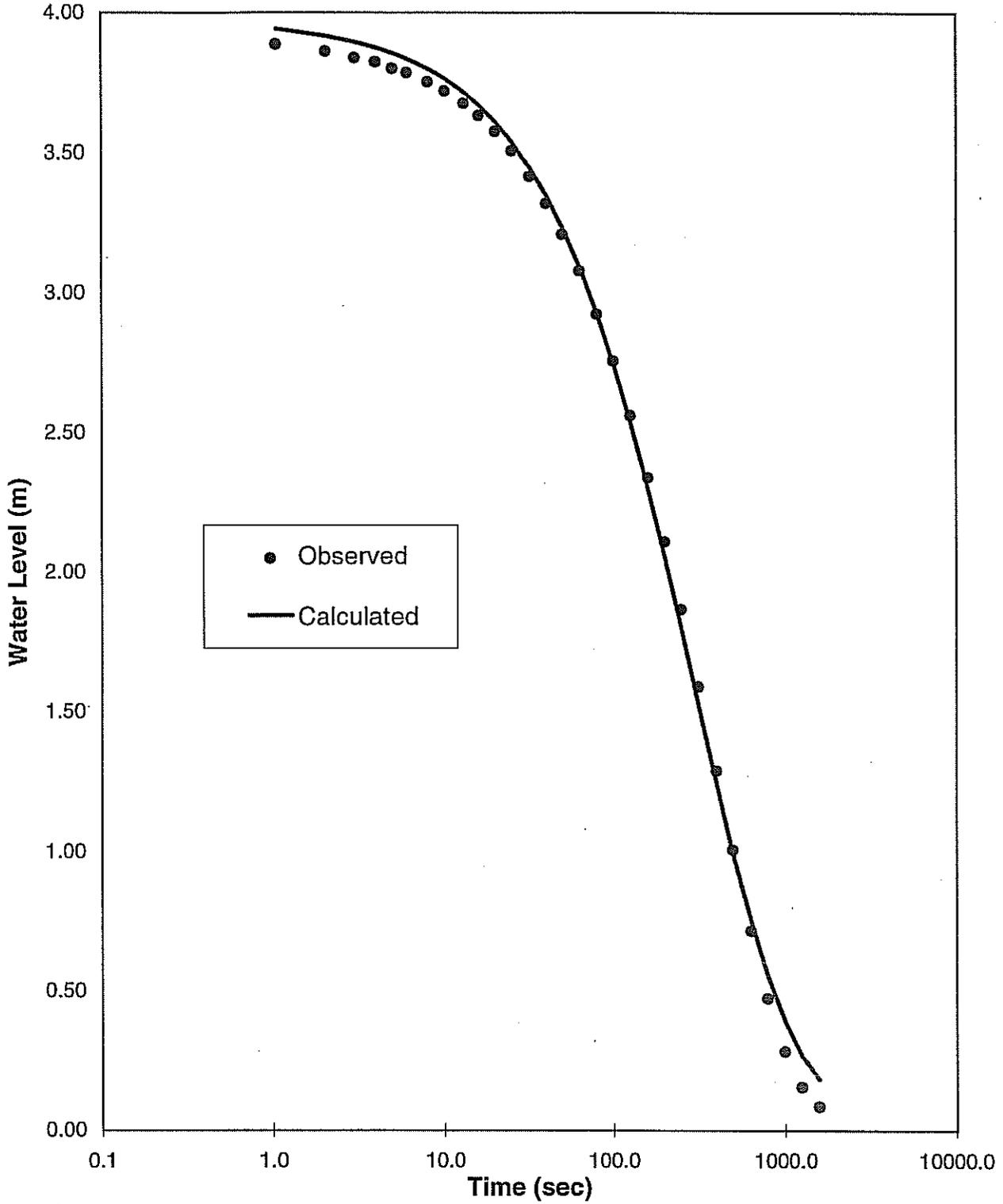
### Slug Test at LBL, Well 91-2

$$K = 2.2 \times 10^{-9} \text{ [m/sec]}$$



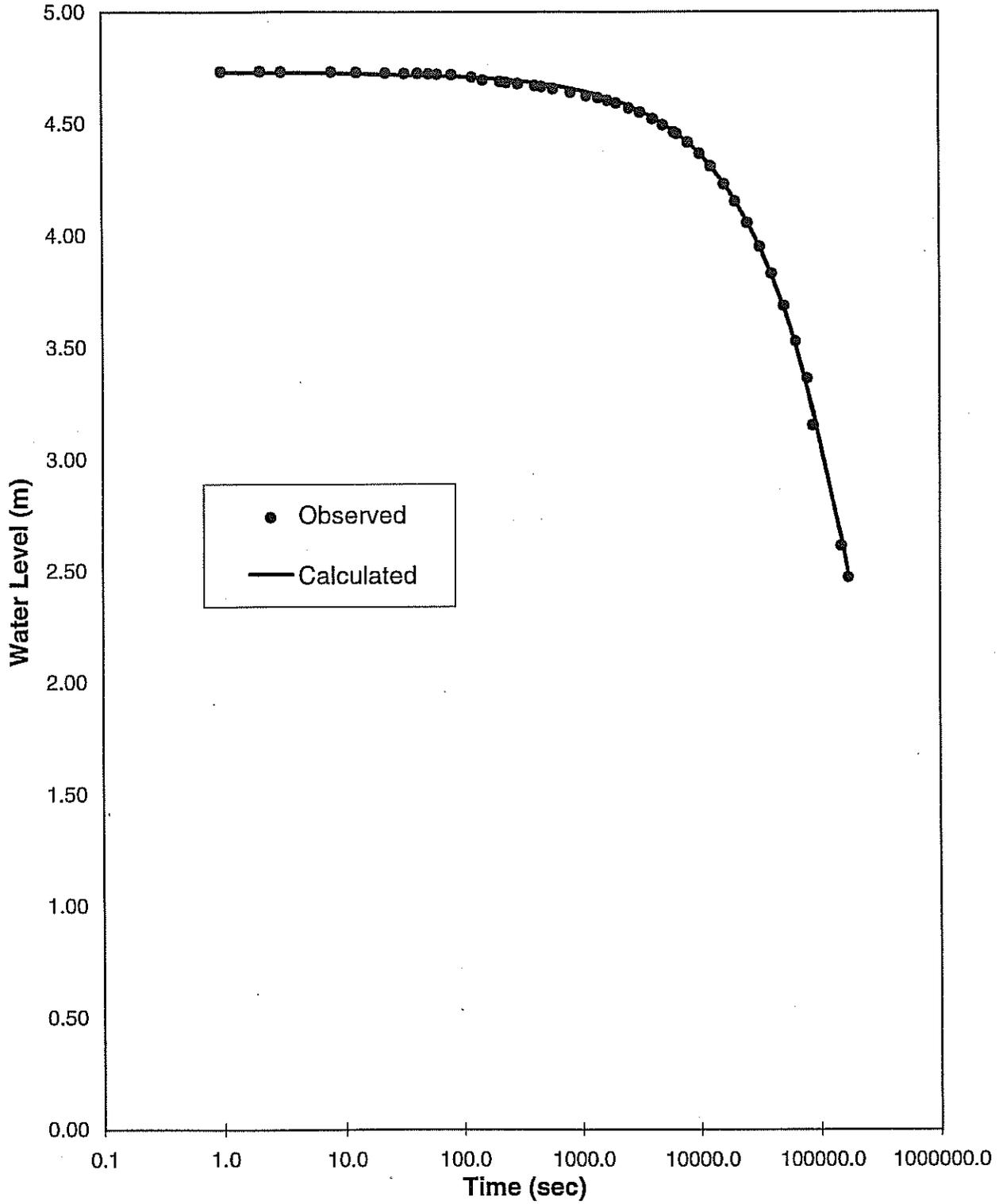
### Slug Test at LBL, Well 91-3

$K = 1.4 \times 10^{-6}$  [m/sec]



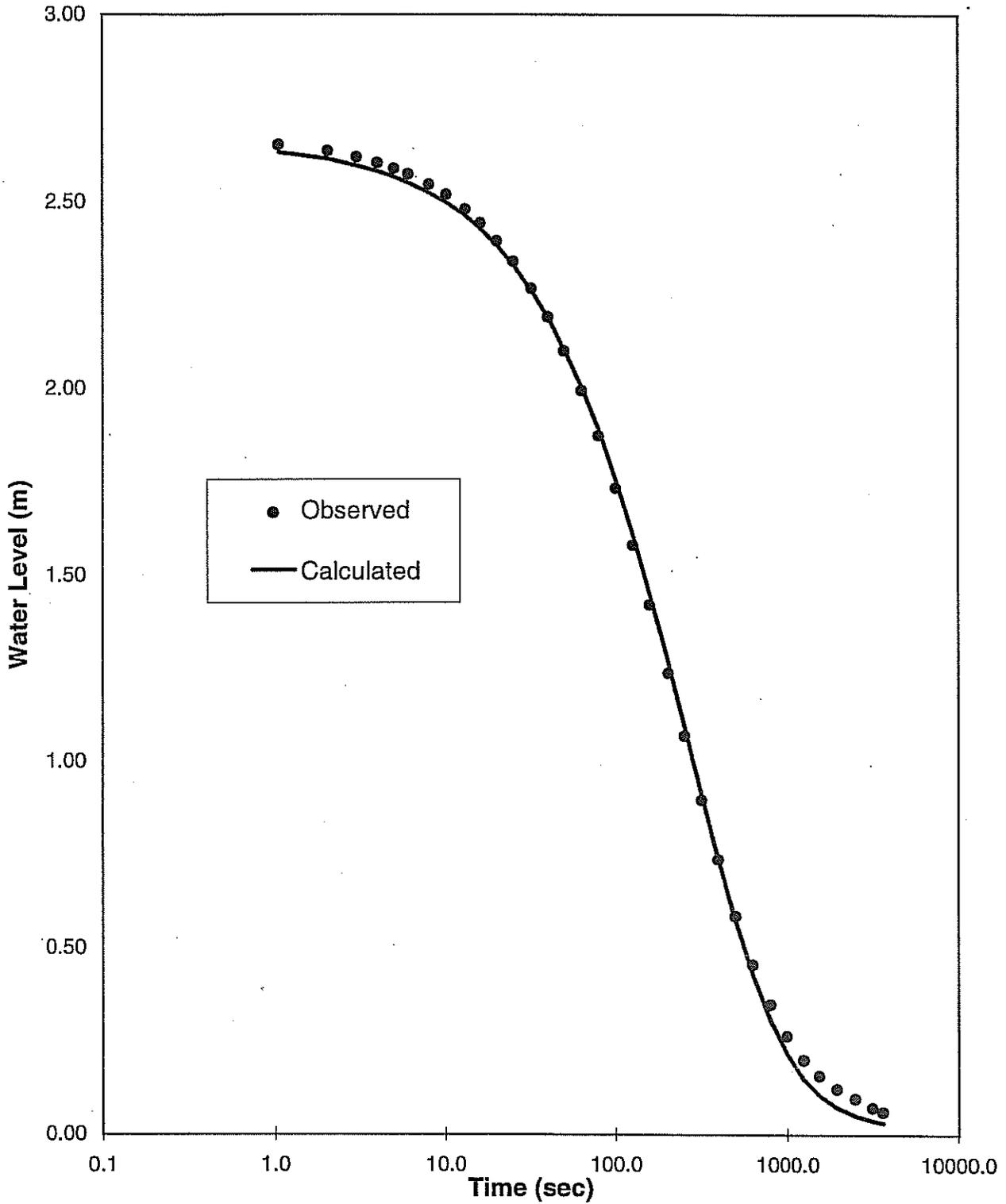
### Slug Test at LBL, Well 91-5

$K = 1.0 \times 10^{-9}$  [m/sec]

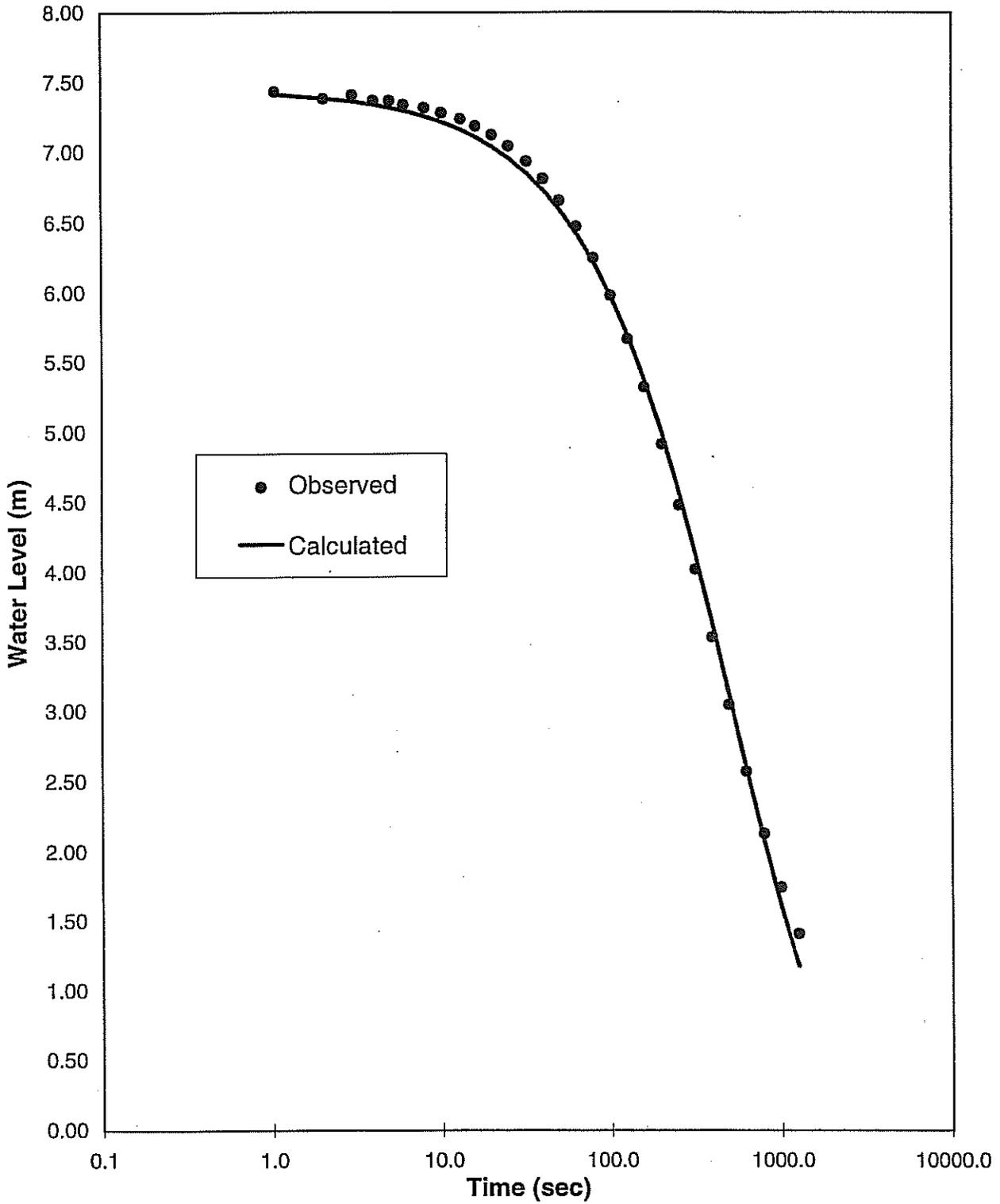


### Slug Test at LBL, Well 91-6

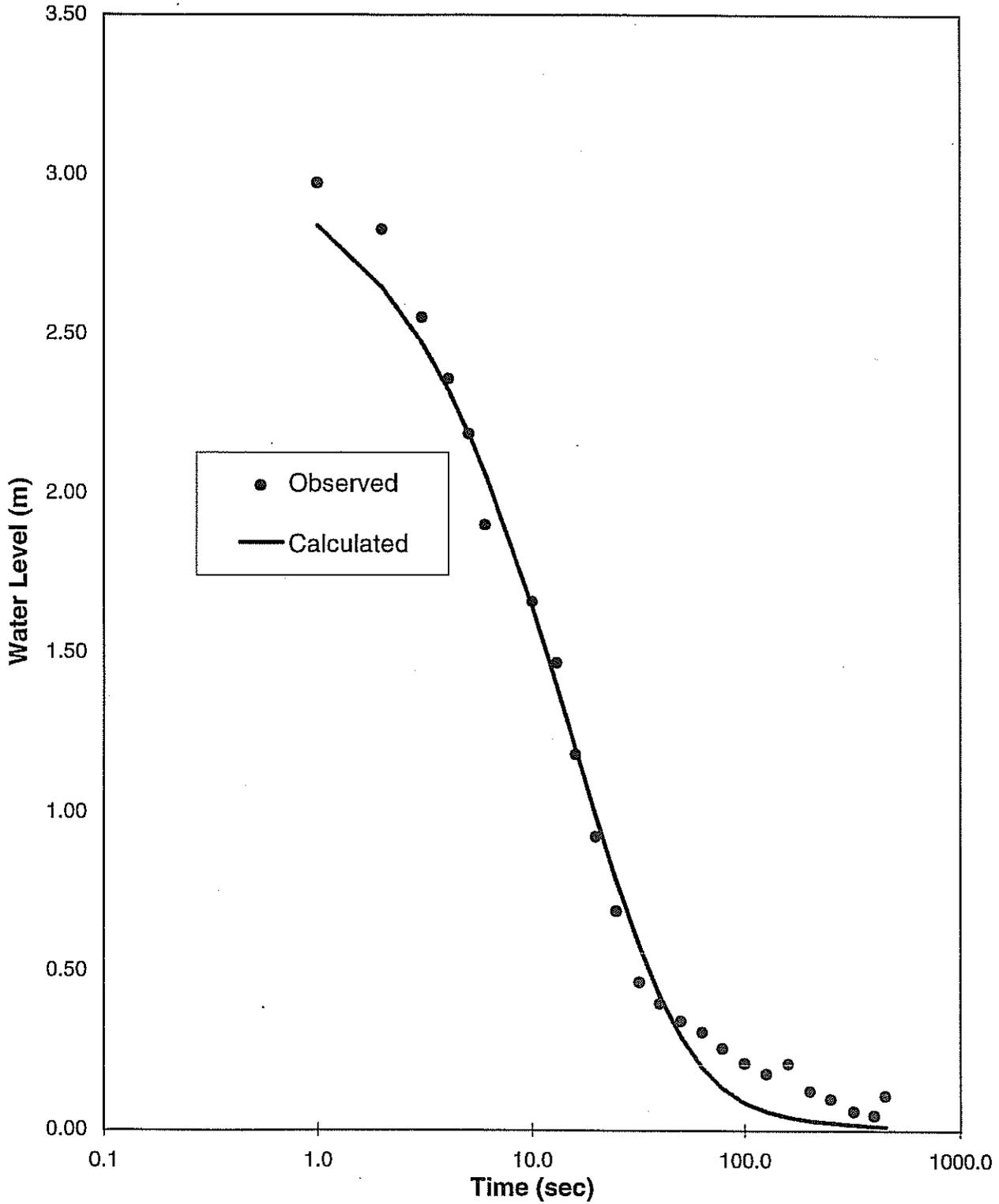
$$K = 6.3 \times 10^{-6} \text{ [m/sec]}$$



Slug Test at LBL, Well 91-7  
 $K = 8.8 \times 10^{-7}$  [m/sec]

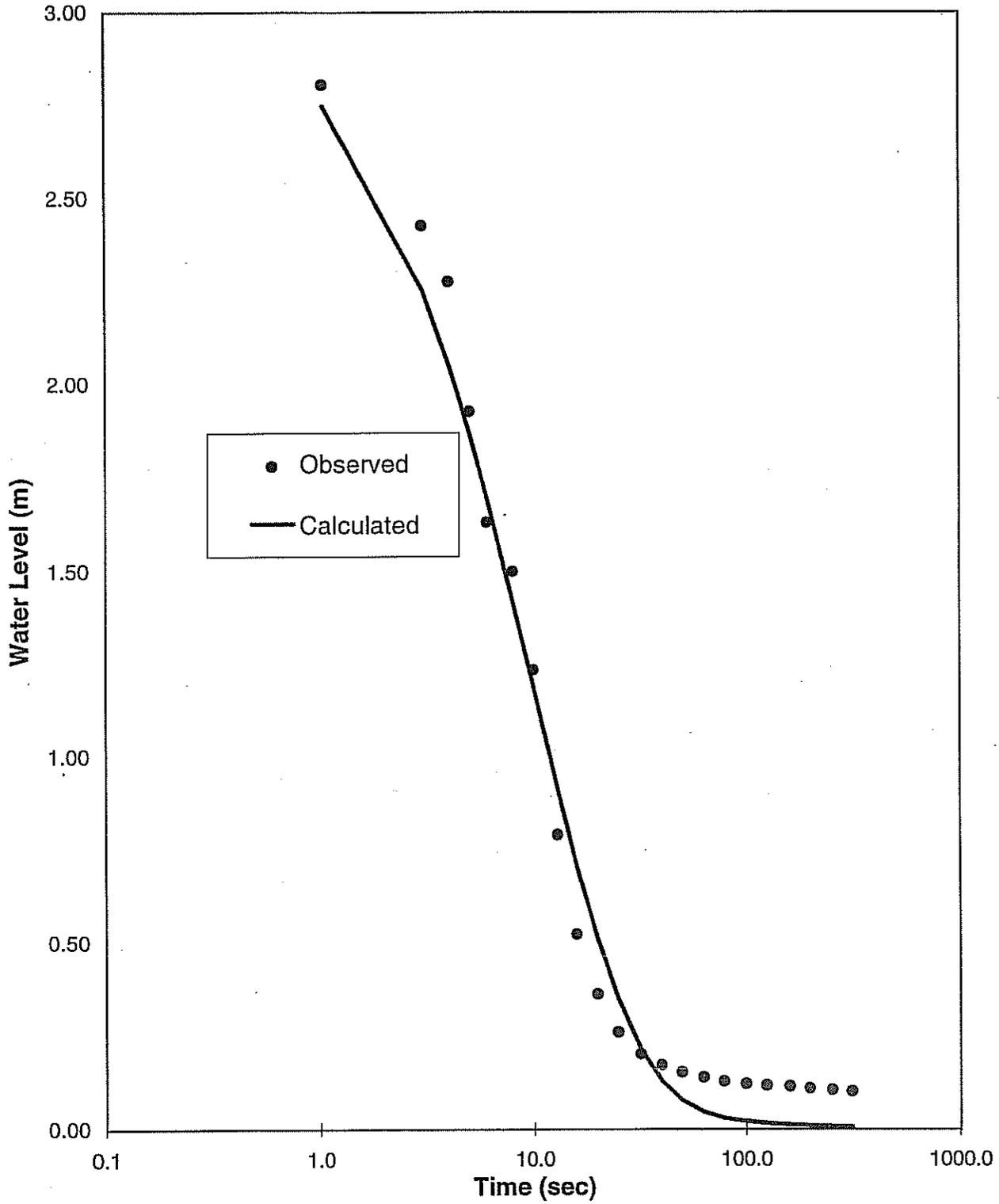


Slug Test at LBL, Well 91-8  
 $K = 3.3 \times 10^{-5}$  [m/sec]

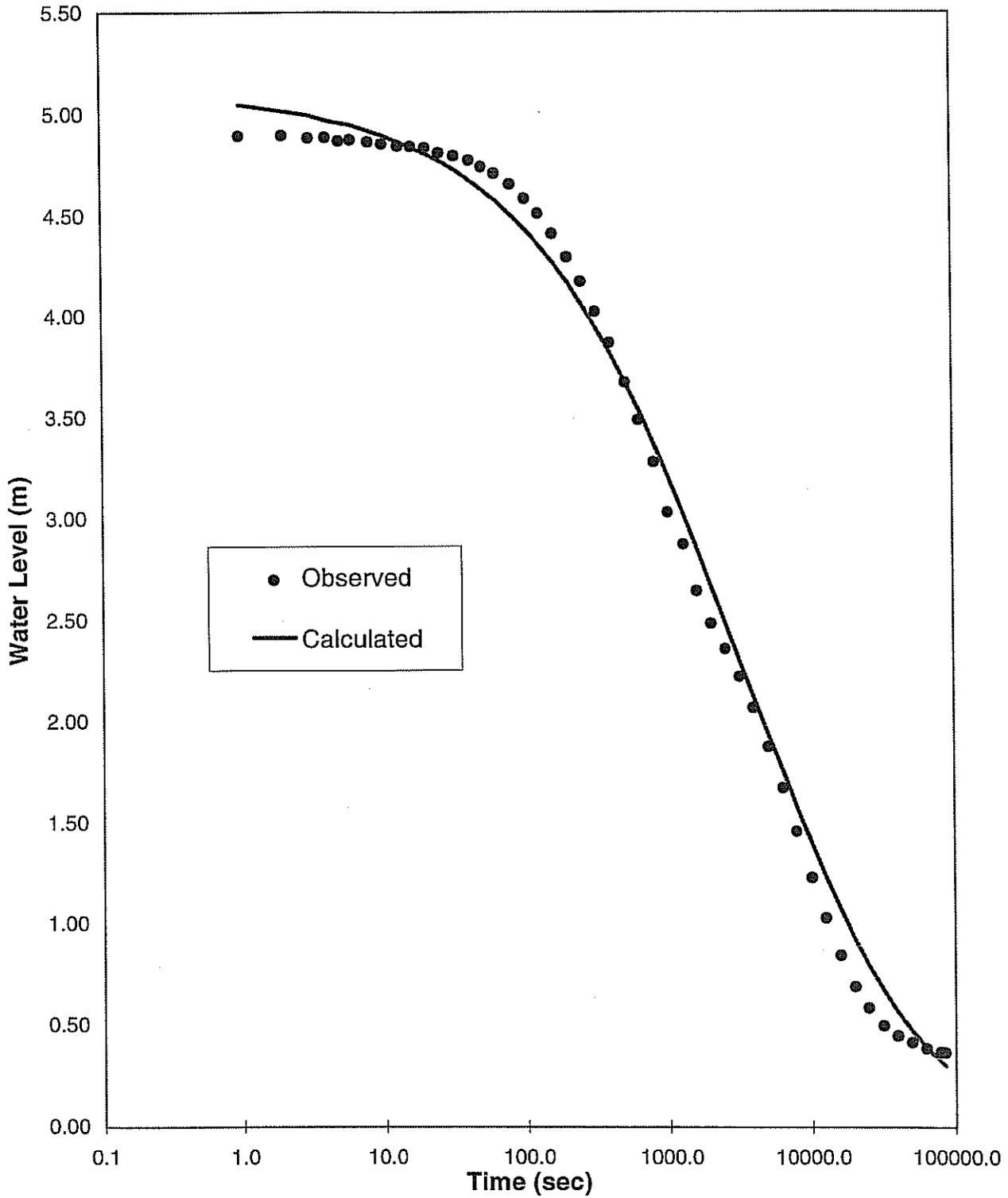


### Slug Test at LBL, Well 91-9

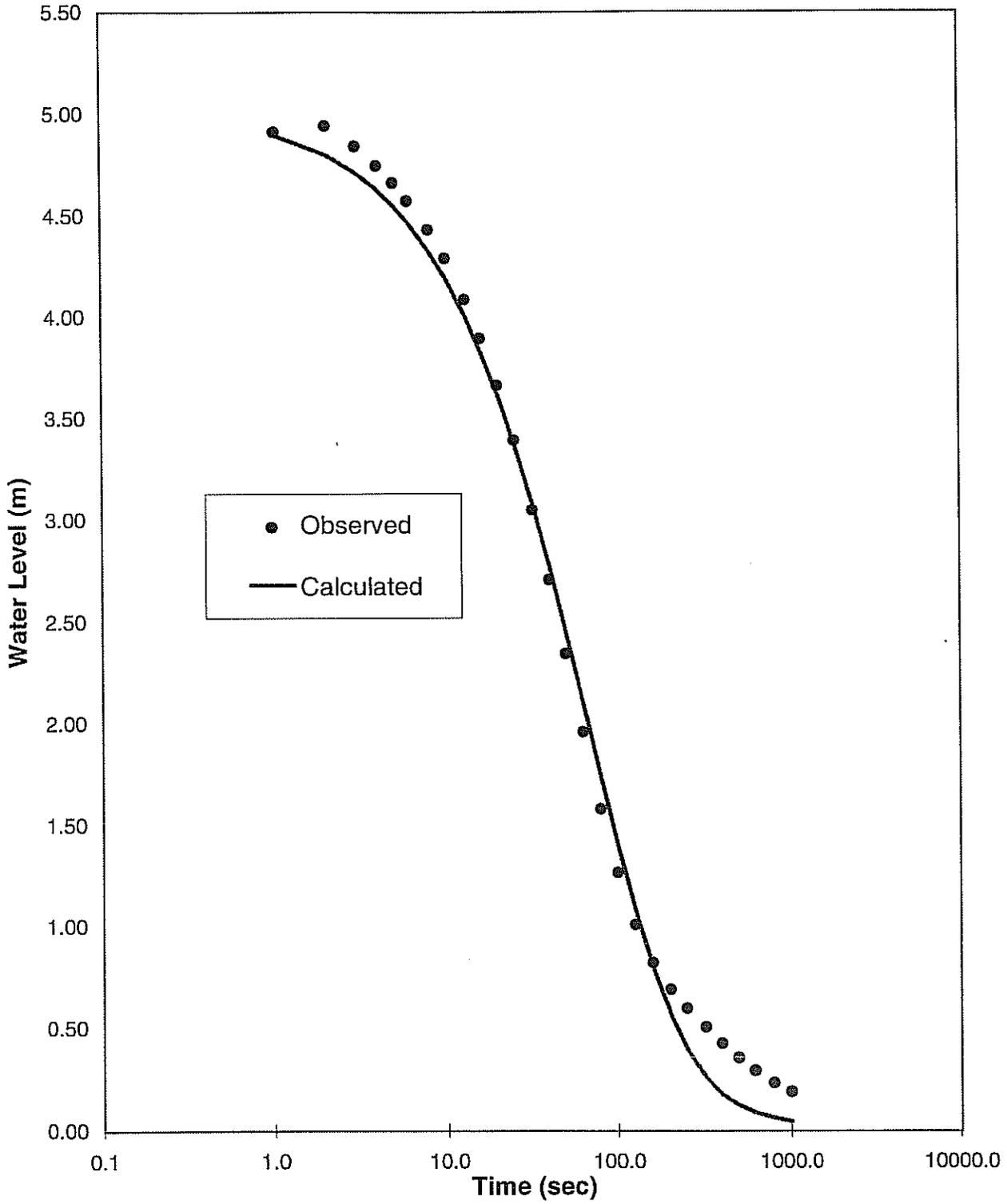
$$K = 1.1 \times 10^{-4} \text{ [m/sec]}$$



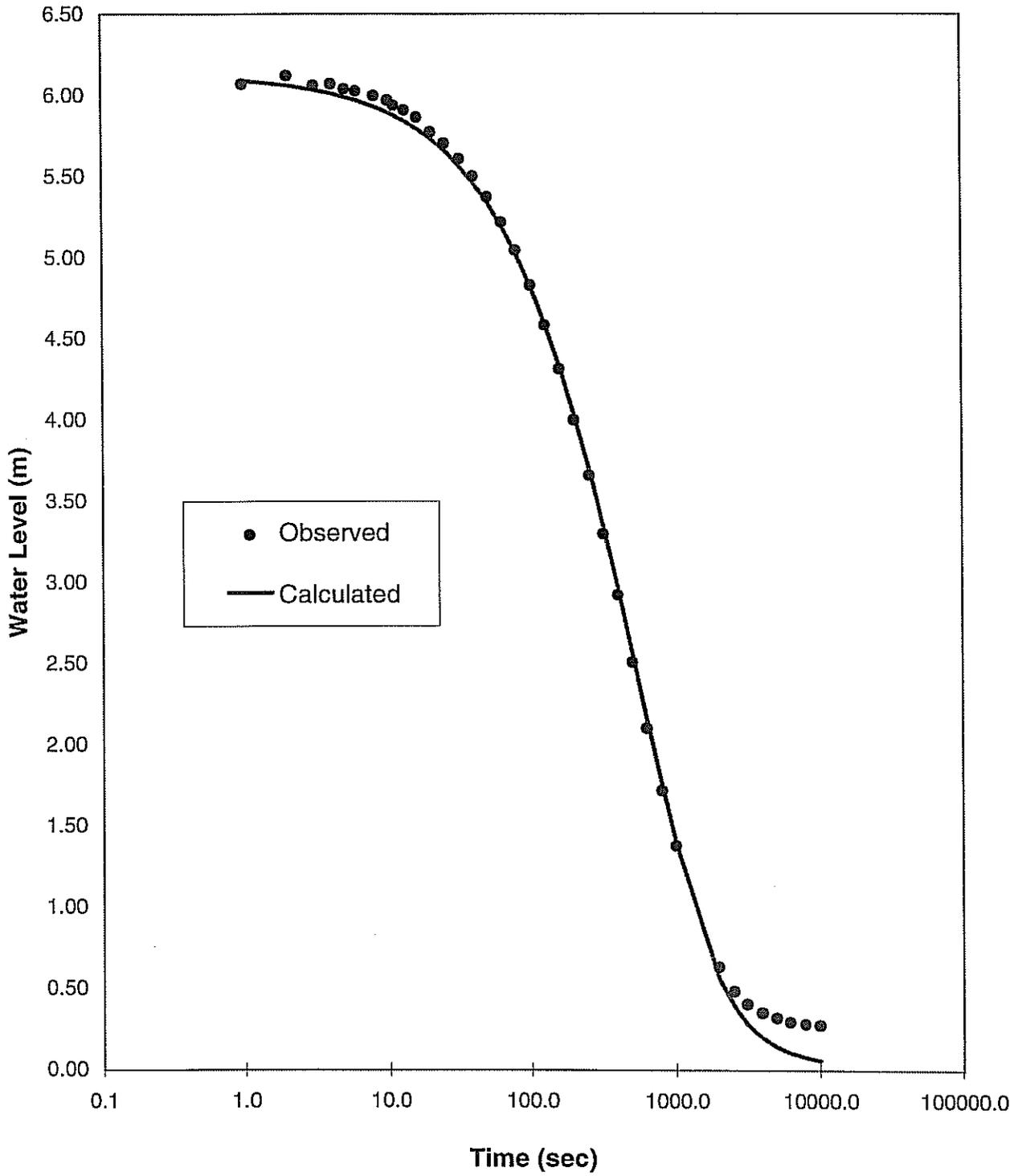
Slug Test at LBL, Well P-2  
 $K = 8.8 \times 10^{-9}$  [m/sec]



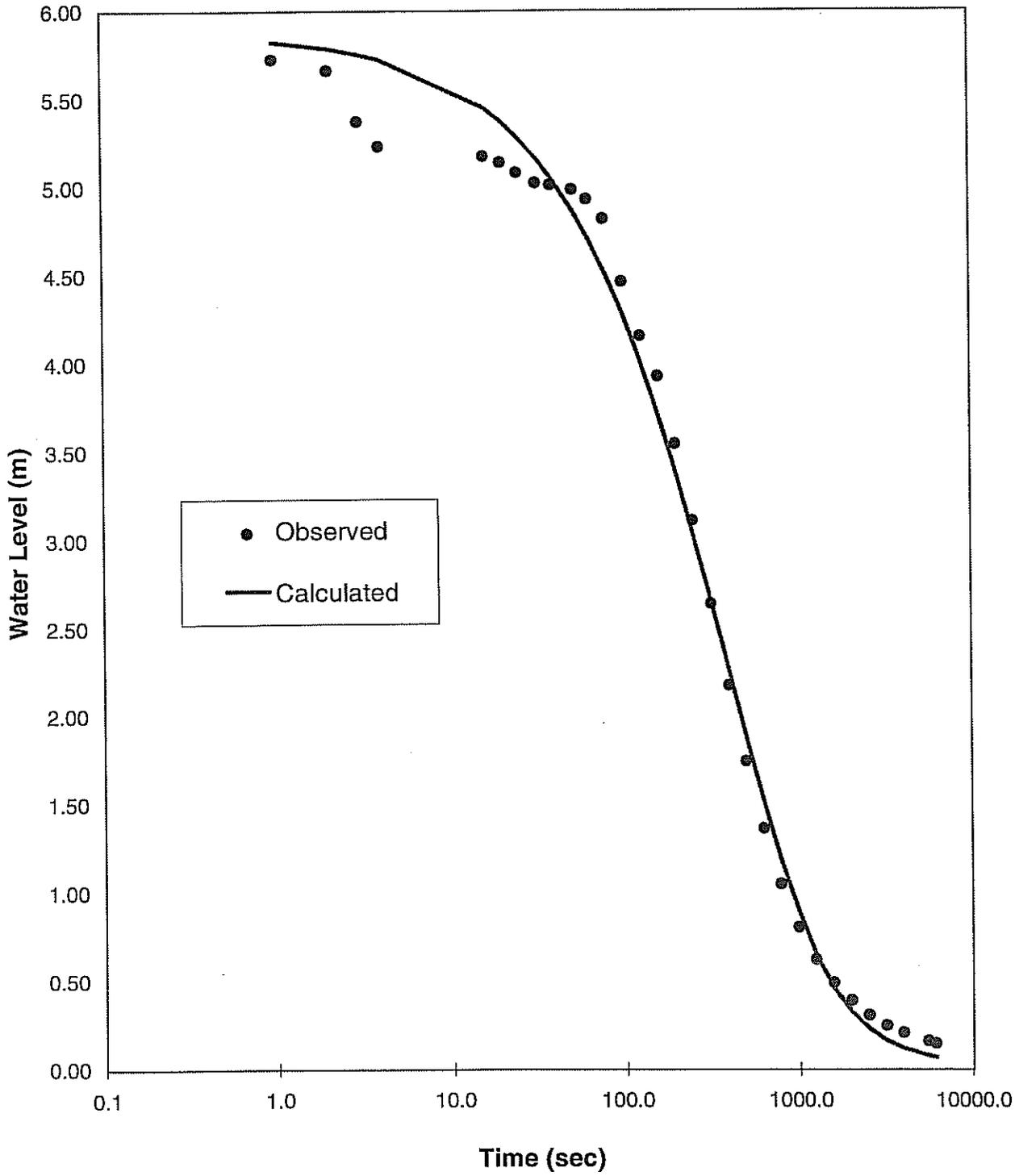
Slug Test at LBL, Well P-6  
 $K = 6.9 \times 10^{-6}$  [m/sec]



Slug Test at LBL, Well P-9  
 $K = 6.5 \times 10^{-7}$  [m/sec]

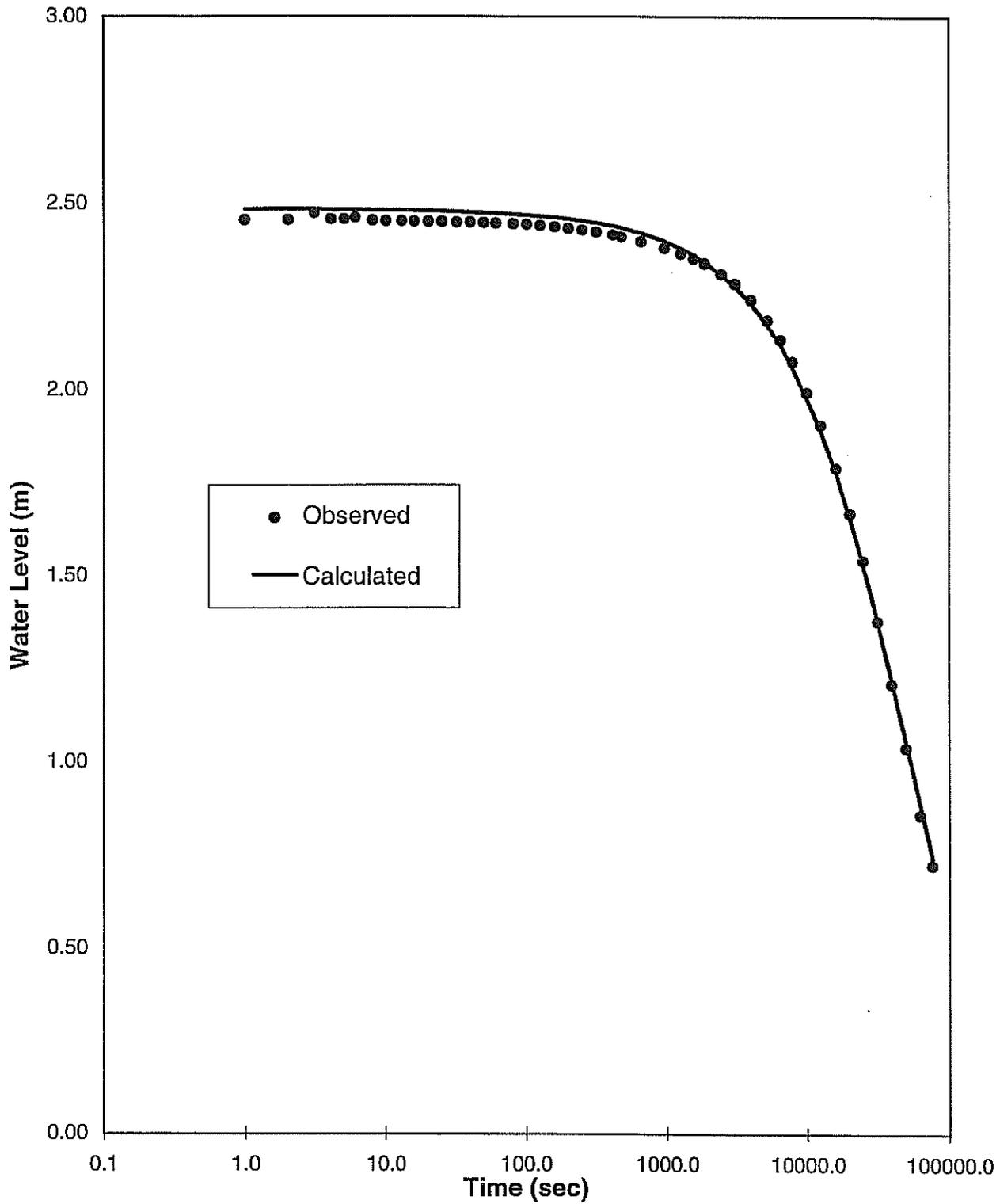


Slug Test at LBL, Well P-10  
 $K = 9.0 \times 10^{-7}$  [m/sec]

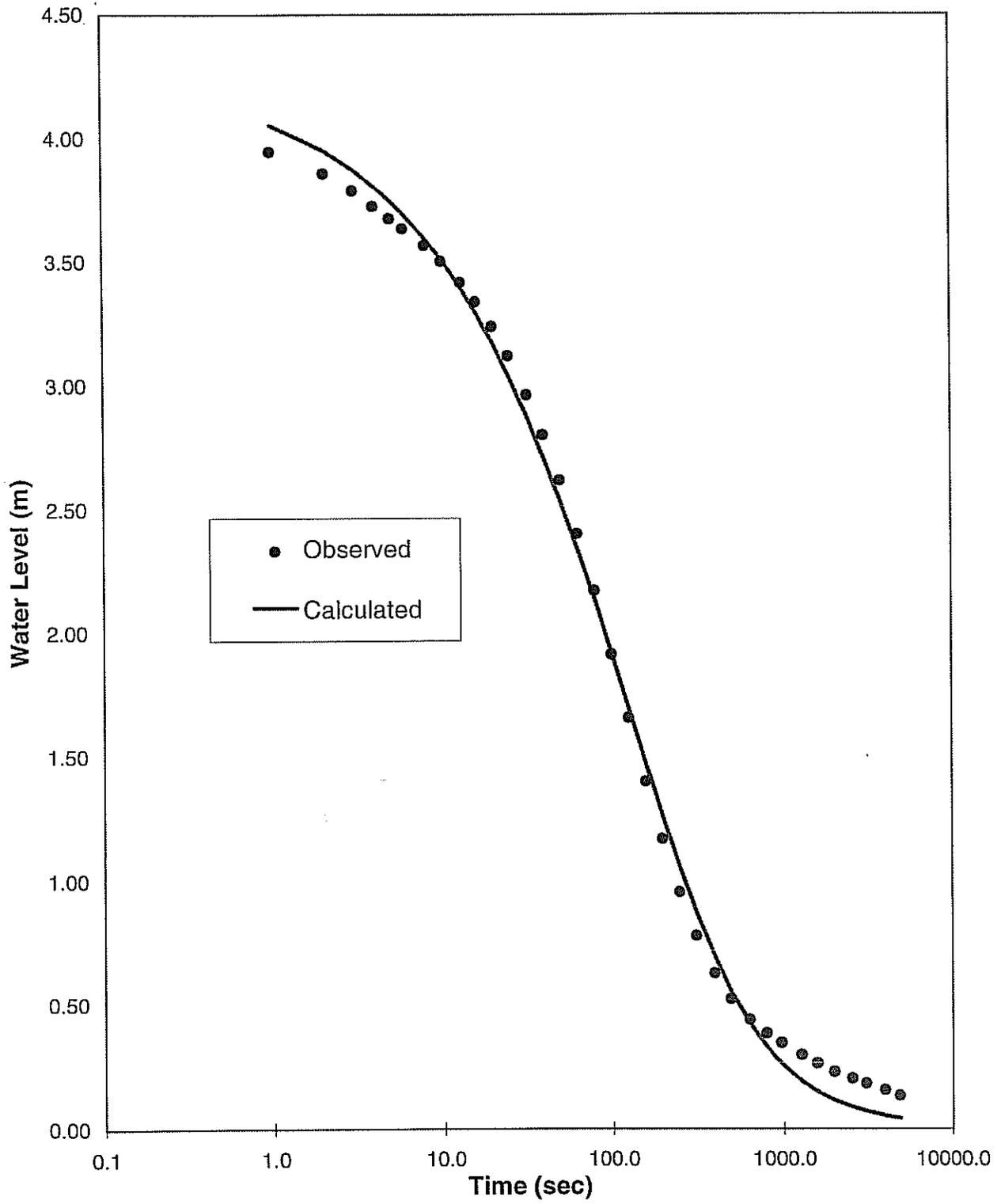


### Slug Test at LBL, Well 76-1

$$K = 2.8 \times 10^{-8} \text{ [m/sec]}$$

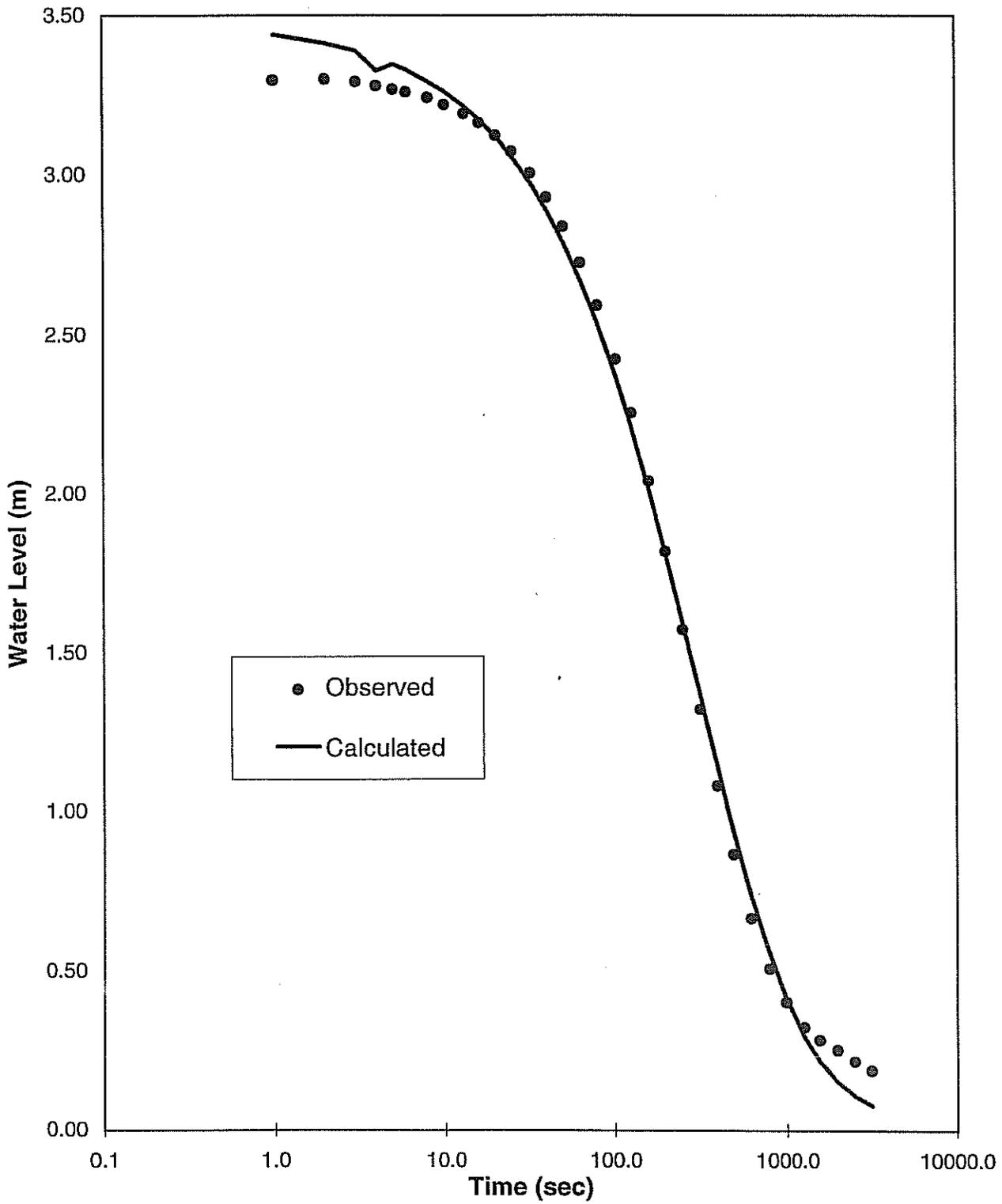


Slug Test at LBL, Well 62-b1a  
 $K = 1.2 \times 10^{-6}$  [m/sec]

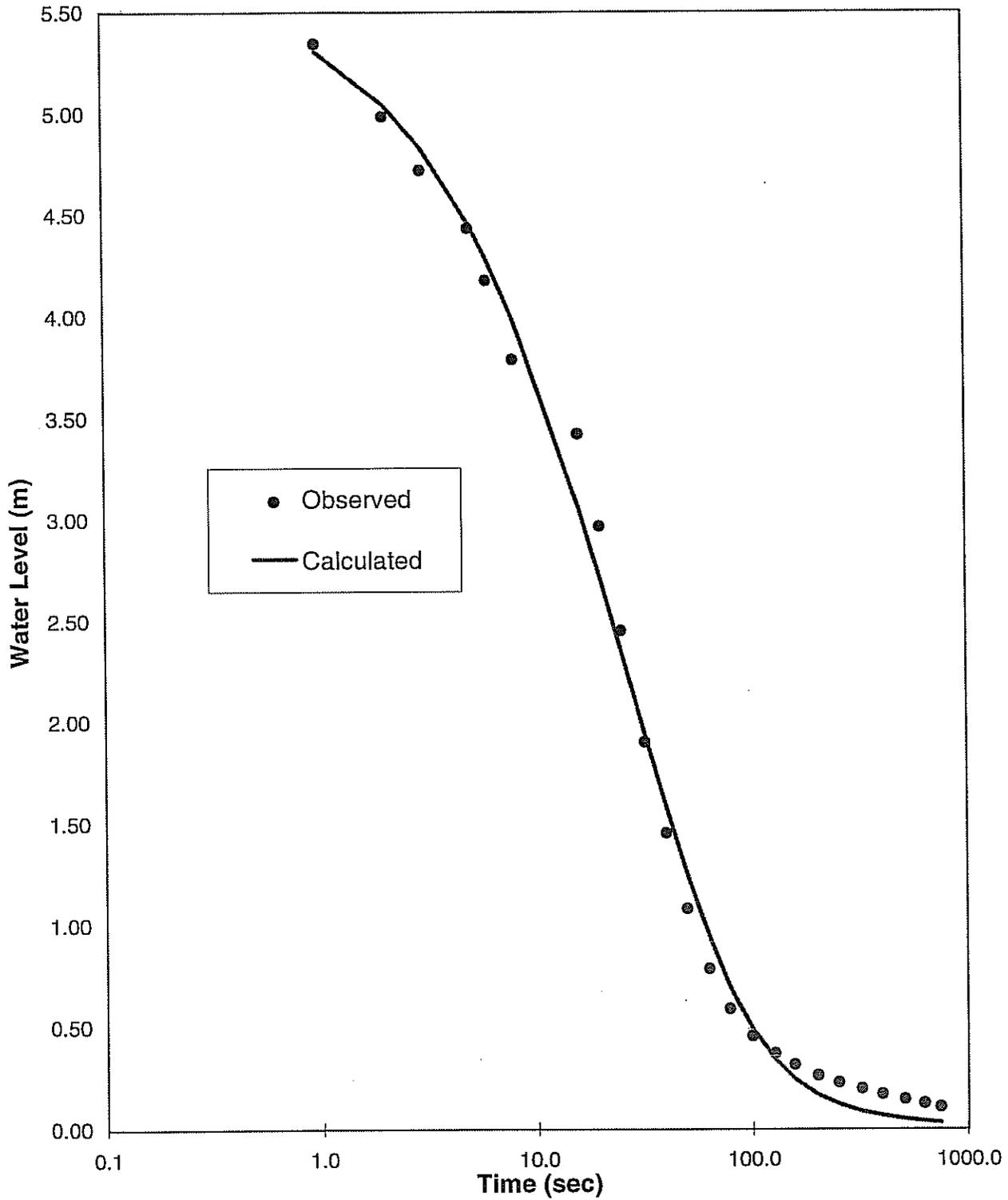


### Slug Test at LBL, Well 62-b2

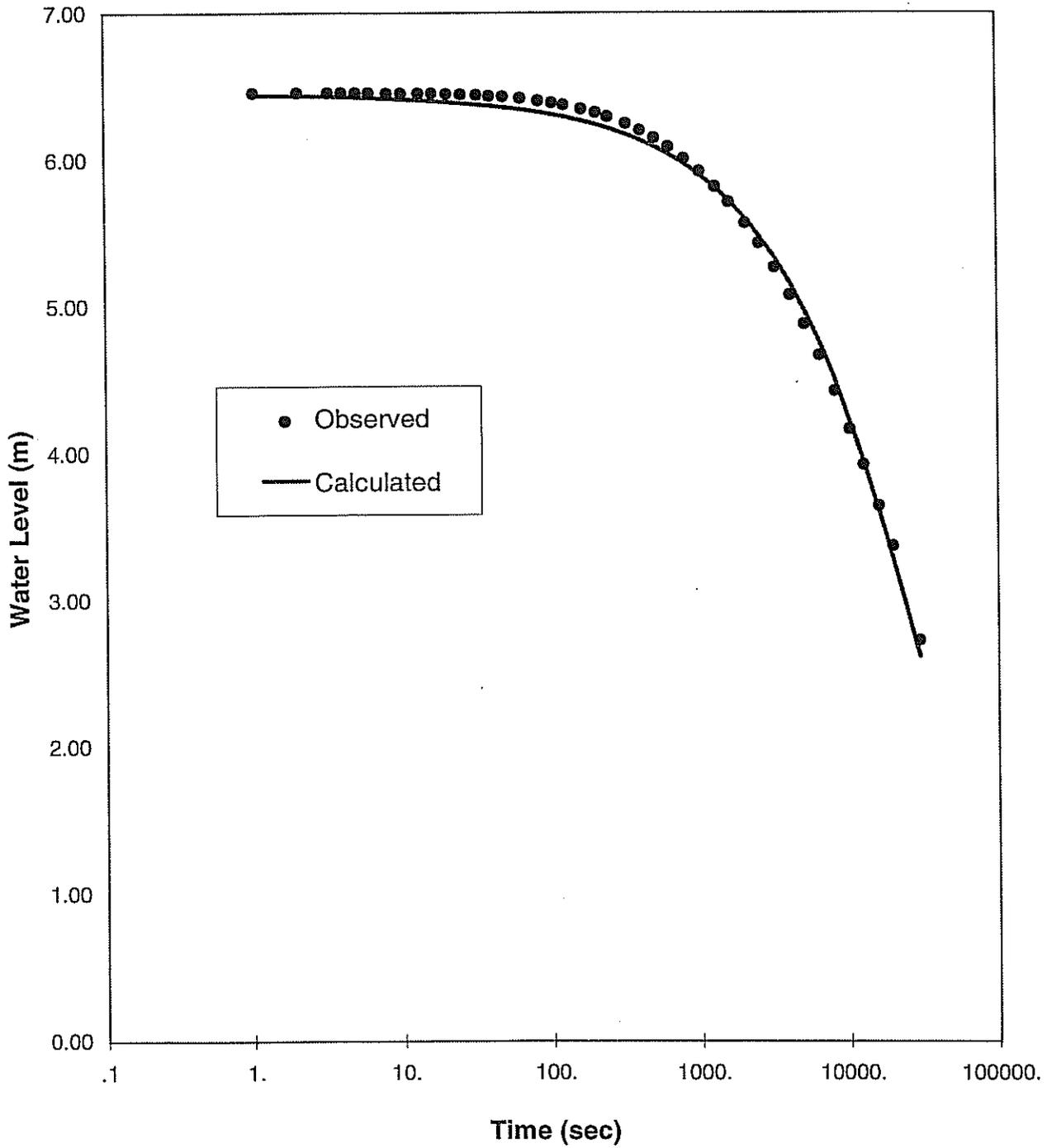
$K = 1.0 \times 10^{-6}$  [m/sec]



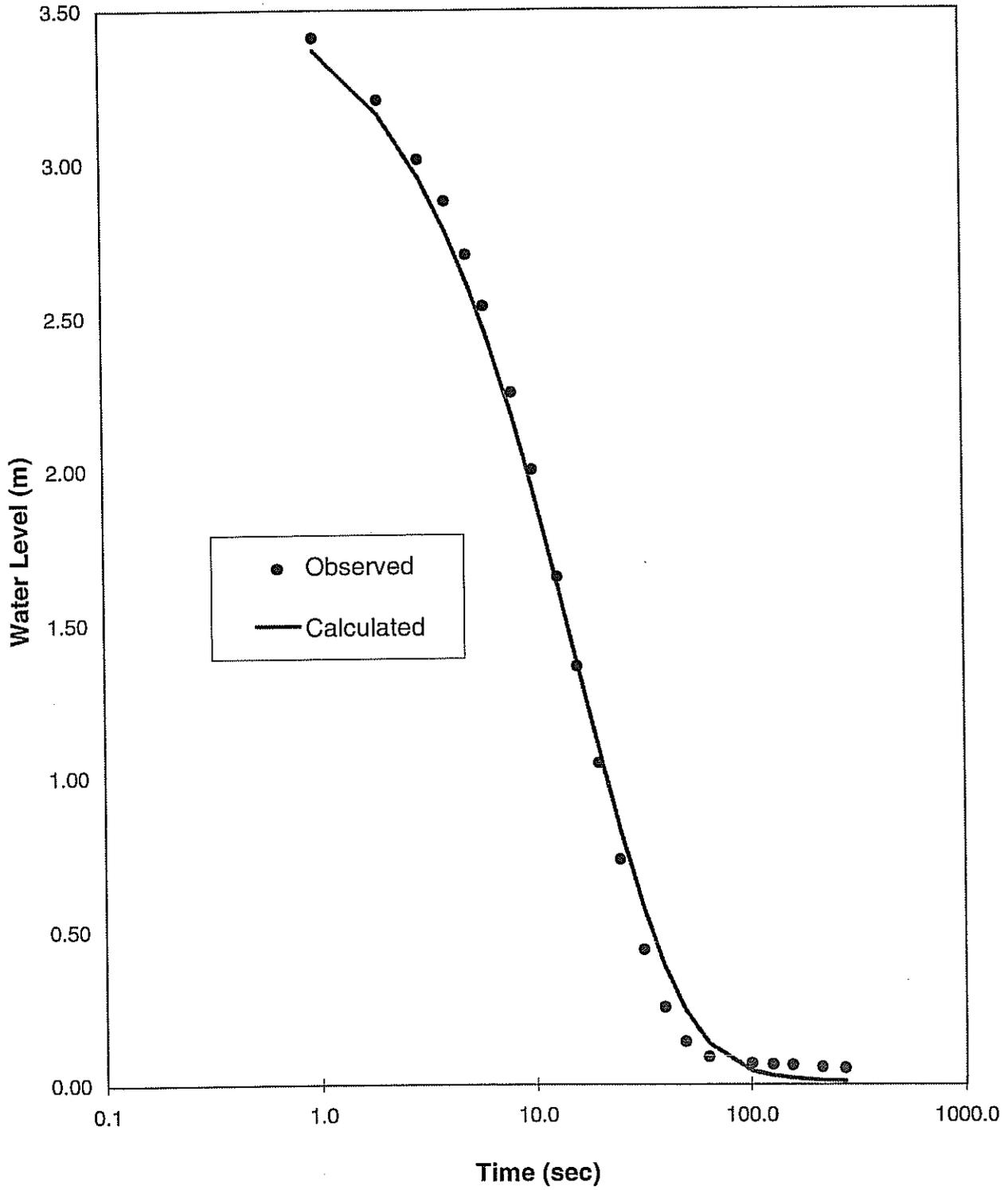
Slug Test at LBL, Well 88-92-4  
 $K = 1.4 \times 10^{-5}$  [m/sec]



Slug Test at LBL, Well 37-92-5  
 $K=3.59 \times 10^{-9}$  [m/sec]

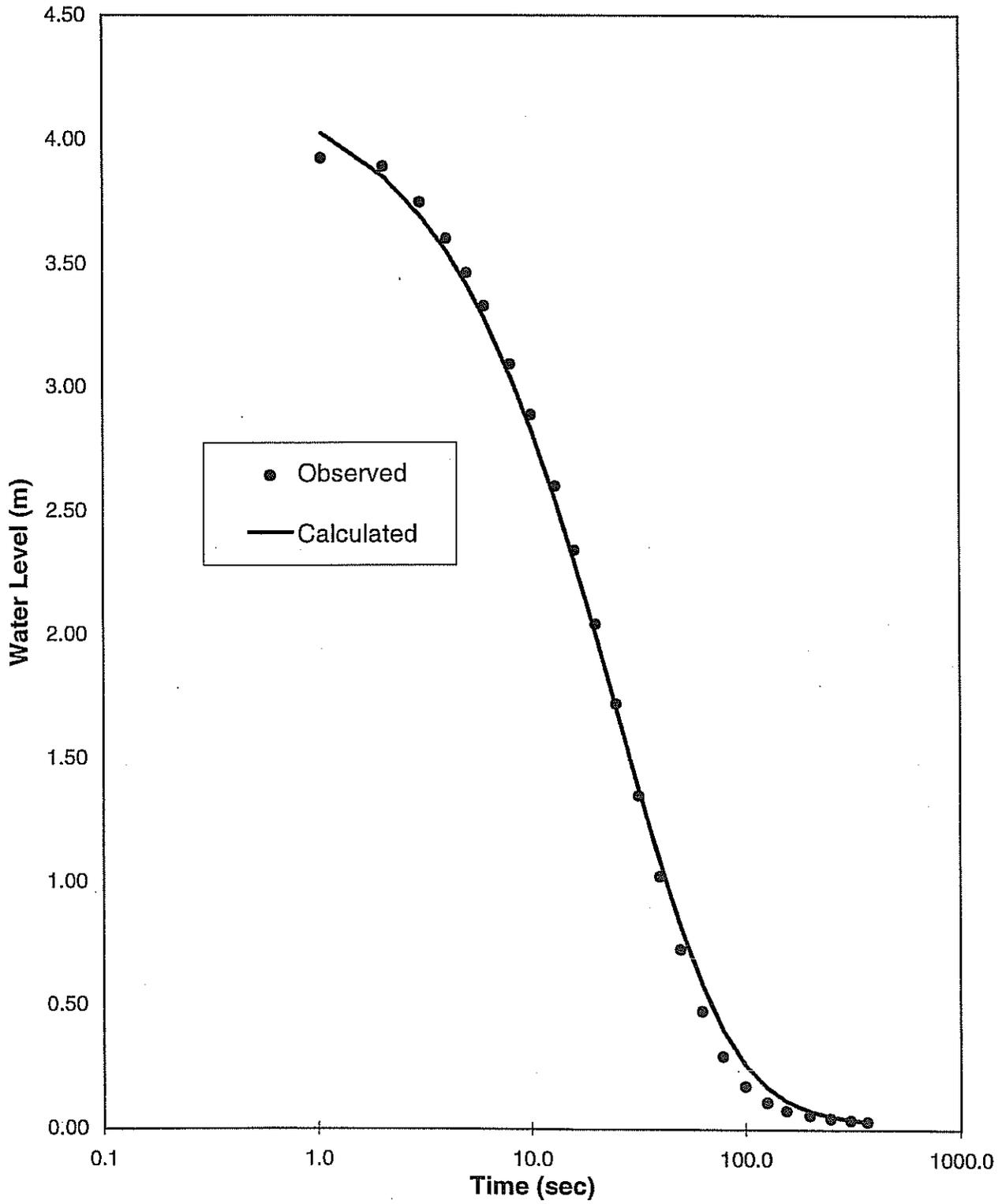


Slug Test at LBL, Well 70-92-7  
 $K = 1.7 \times 10^{-4}$  [m/sec]



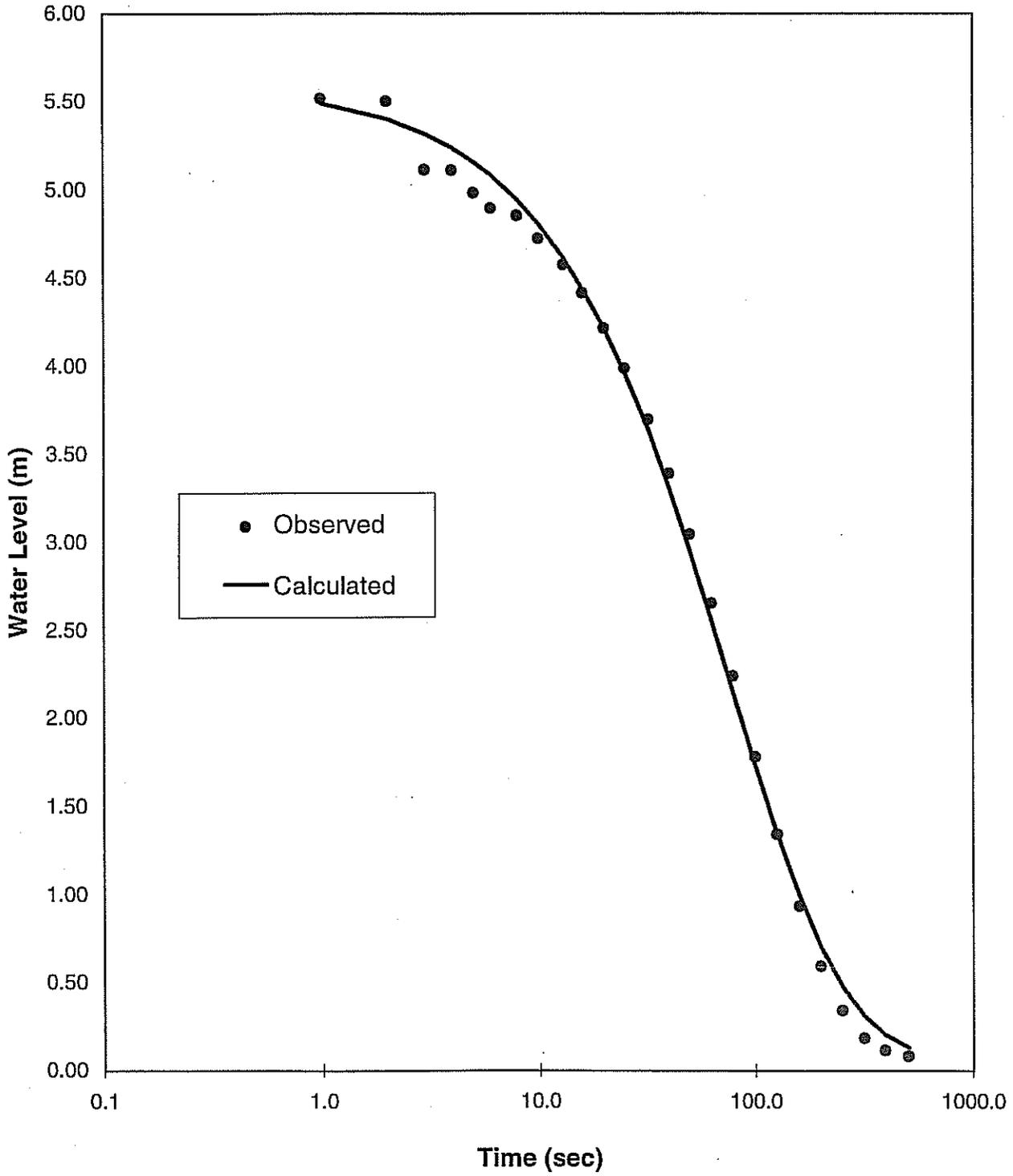
### Slug Test at LBL, Well 26-92-11

$K = 2.4 \times 10^{-5}$  [m/sec]

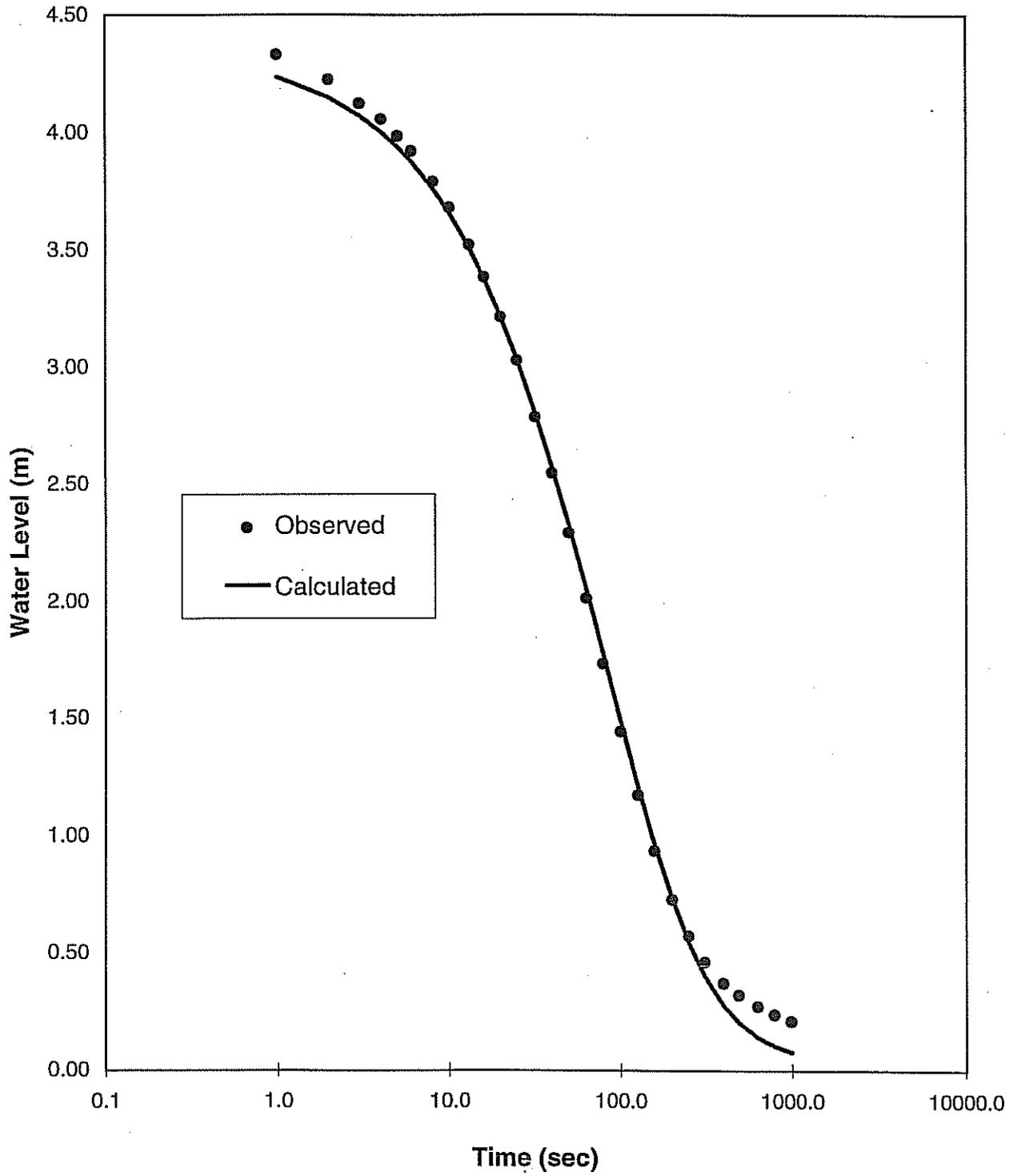


# Slug Test at LBL, Well 74-92-13

$$K = 8.0 \times 10^{-6} \text{ [m/sec]}$$

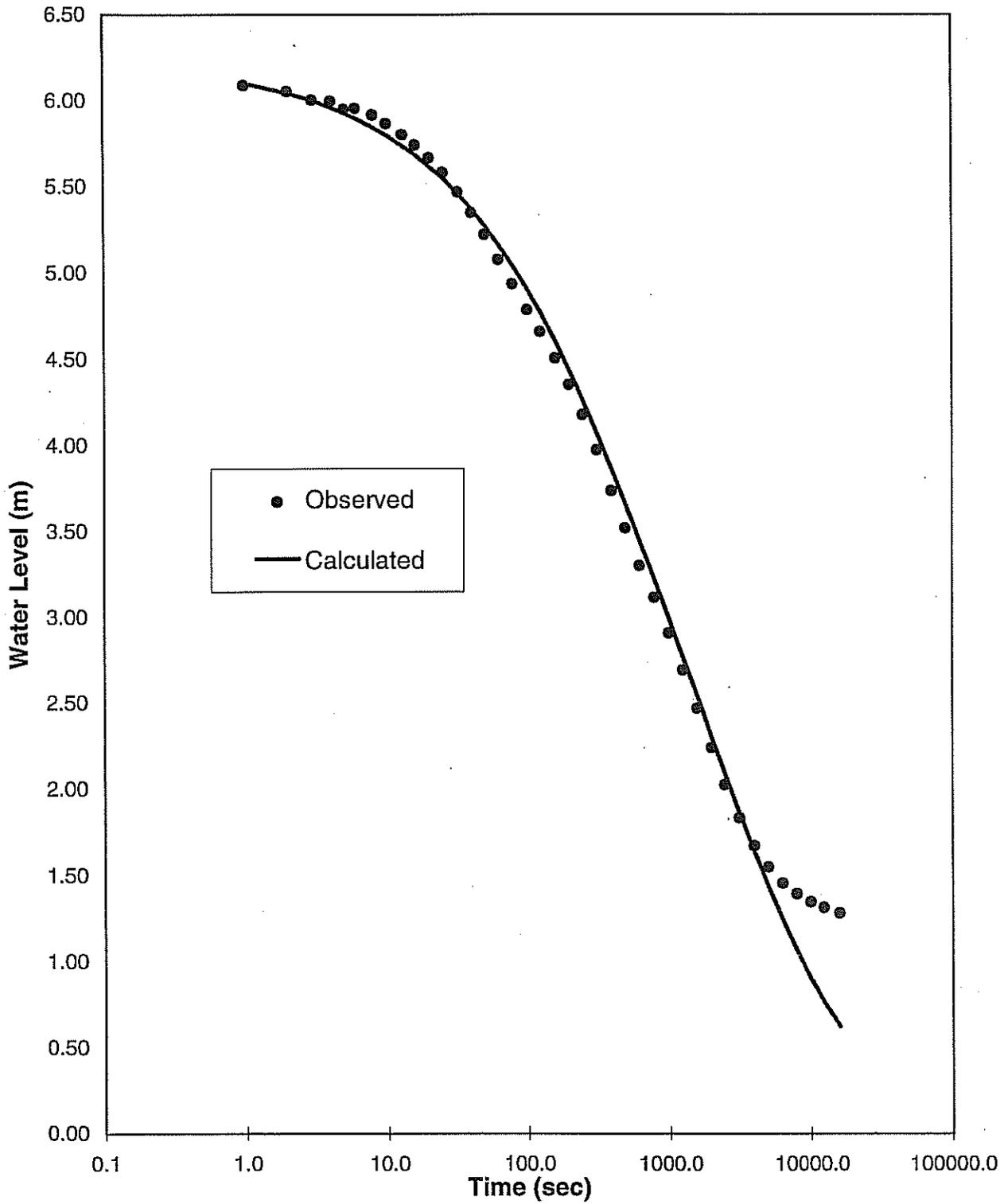


Slug Test at LBL, Well 46A-92-15  
 $K = 4.0 \times 10^{-6}$  [m/sec]



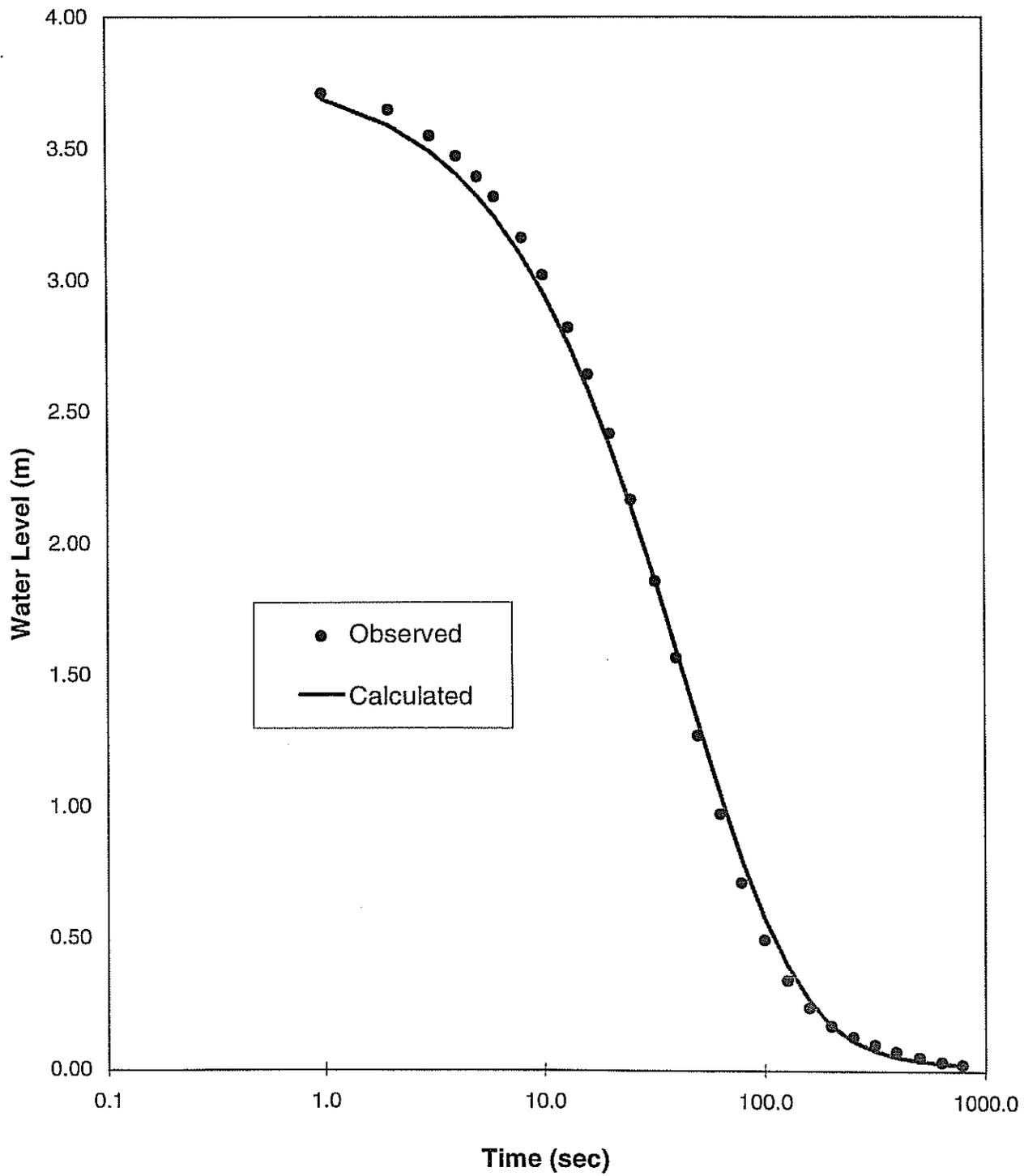
### Slug Test at LBL, Well 83-92-14

$$K = 2.7 \times 10^{-8} \text{ [m/sec]}$$



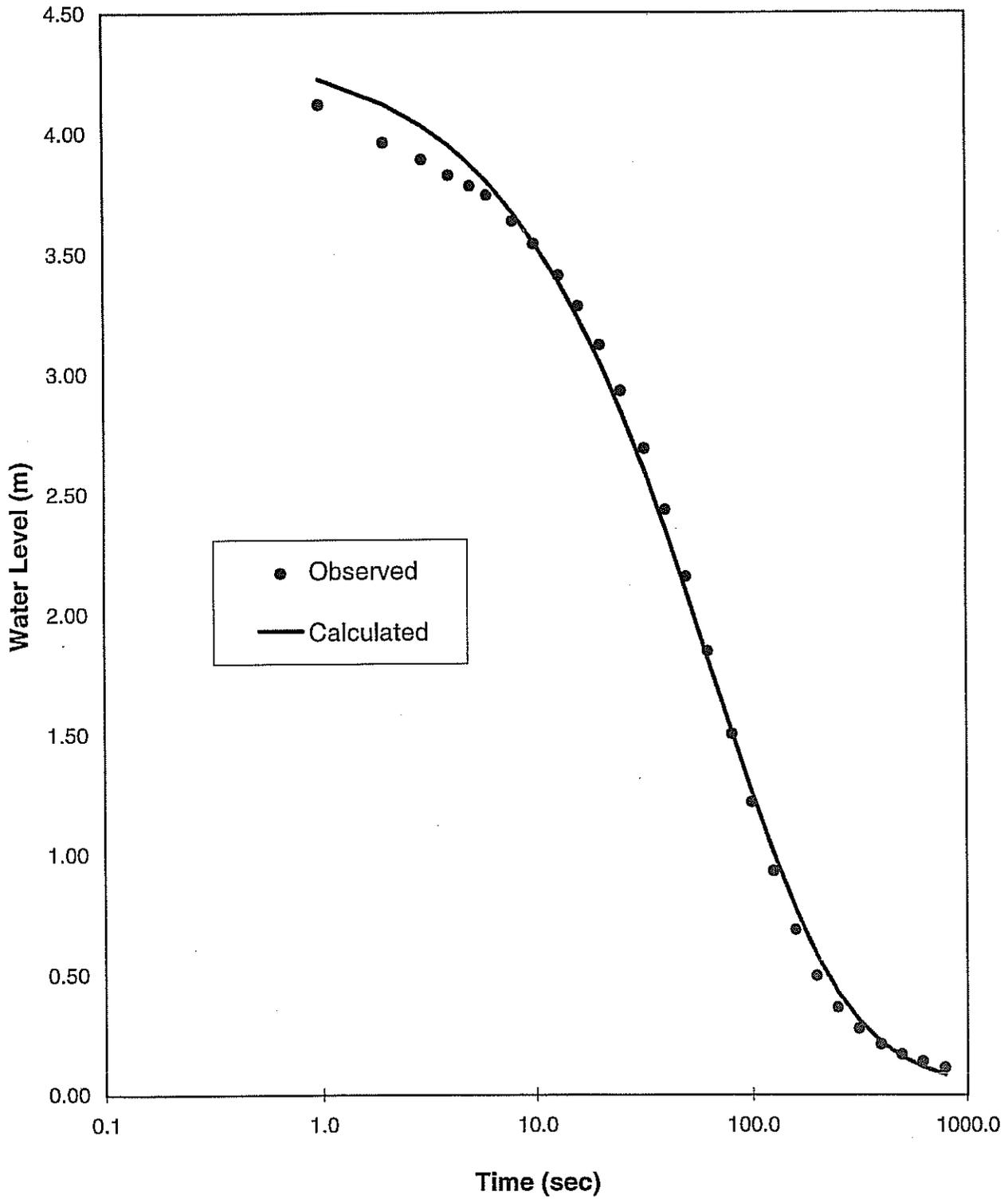
# Slug Test at LBL, Well 7-92-16

$$K = 5.4 \times 10^{-6} \text{ [m/sec]}$$



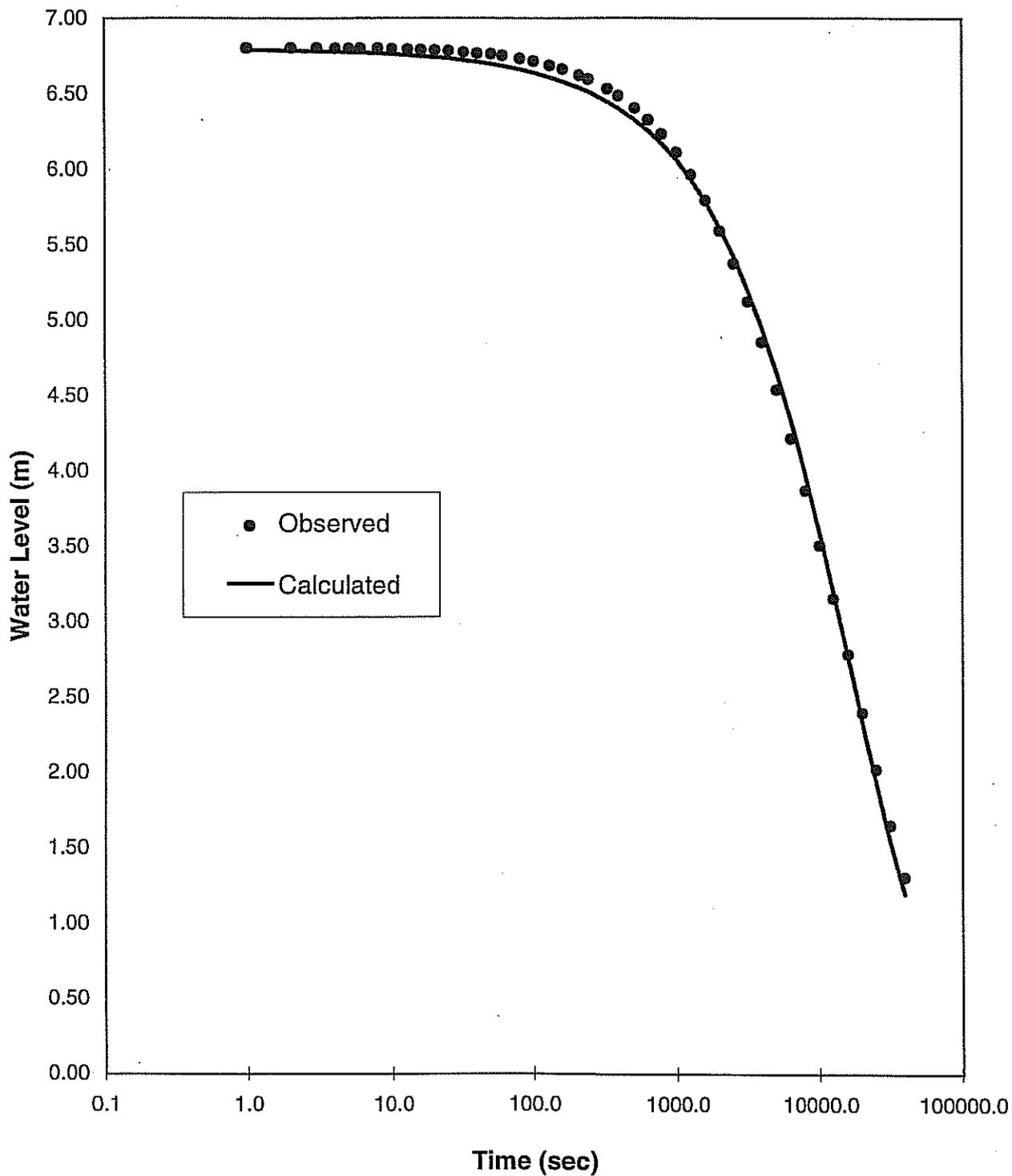
# Slug Test at LBL, Well 6-92-17

$K = 3.0 \times 10^{-6}$  [m/sec]



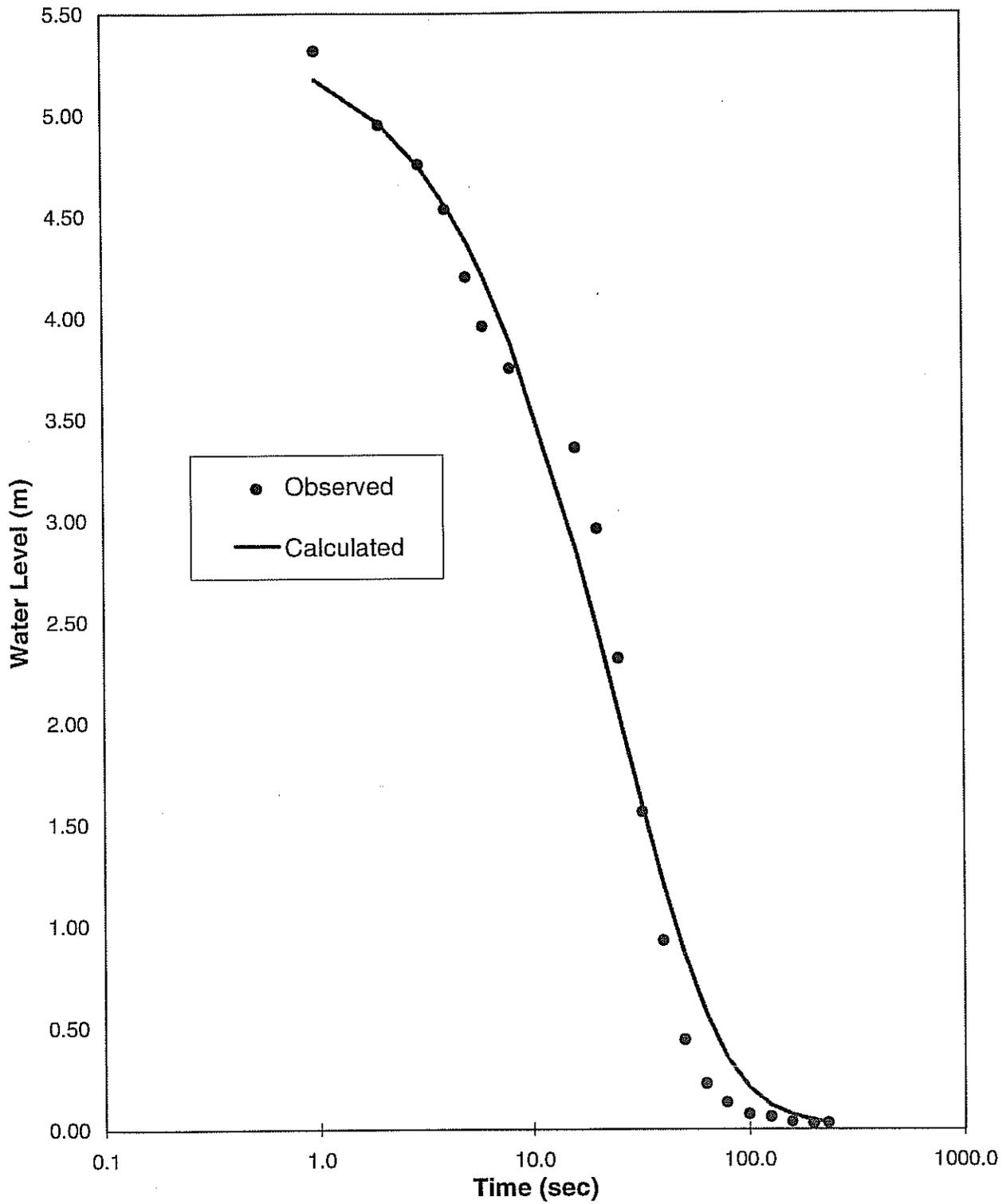
### Slug Test at LBL, Well 7-92-19

$$K = 1.1 \times 10^{-8} \text{ [m/sec]}$$

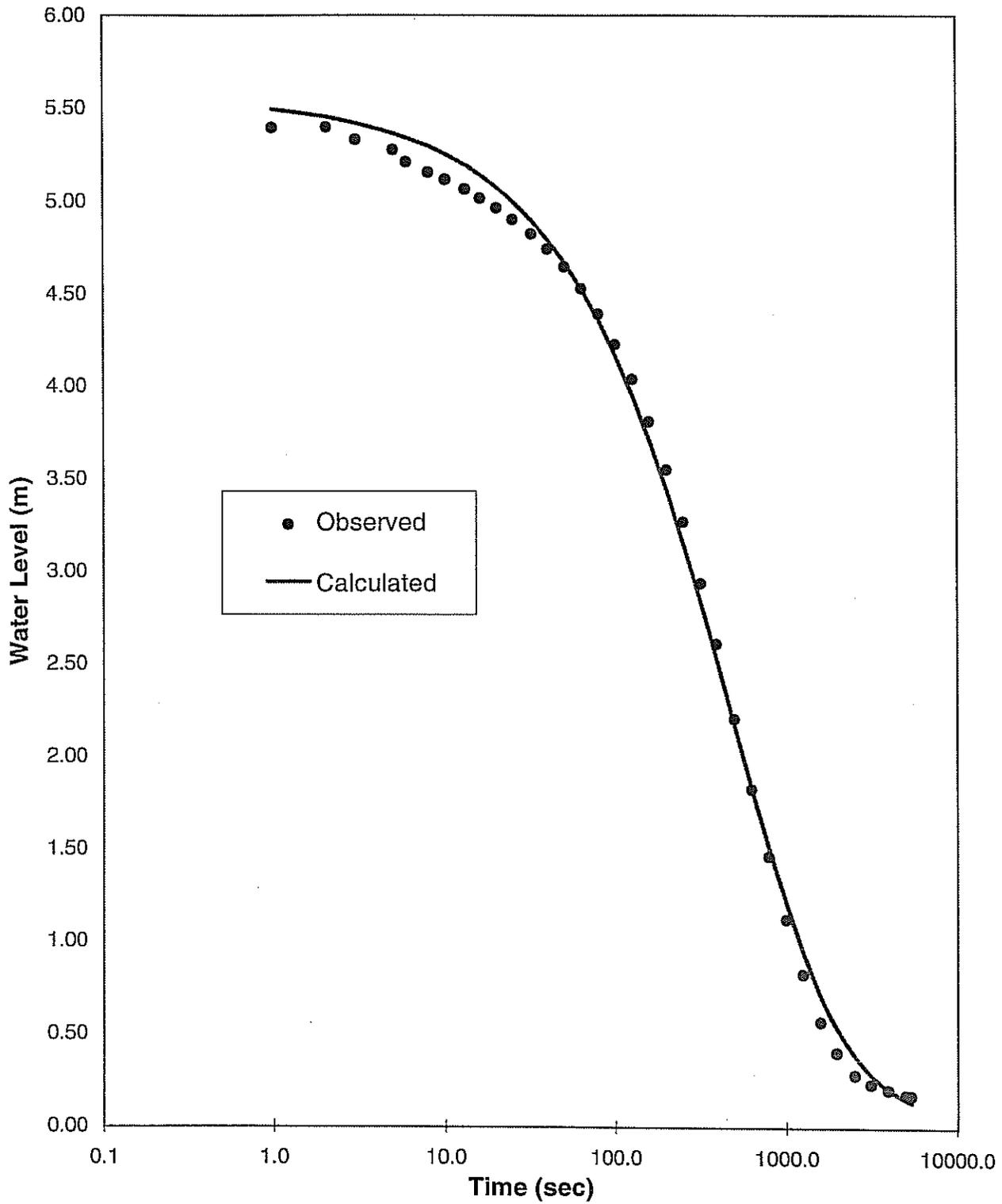


### Slug Test at LBL, Well 27-92-20

$K = 2.5 \times 10^{-5}$  [m/sec]

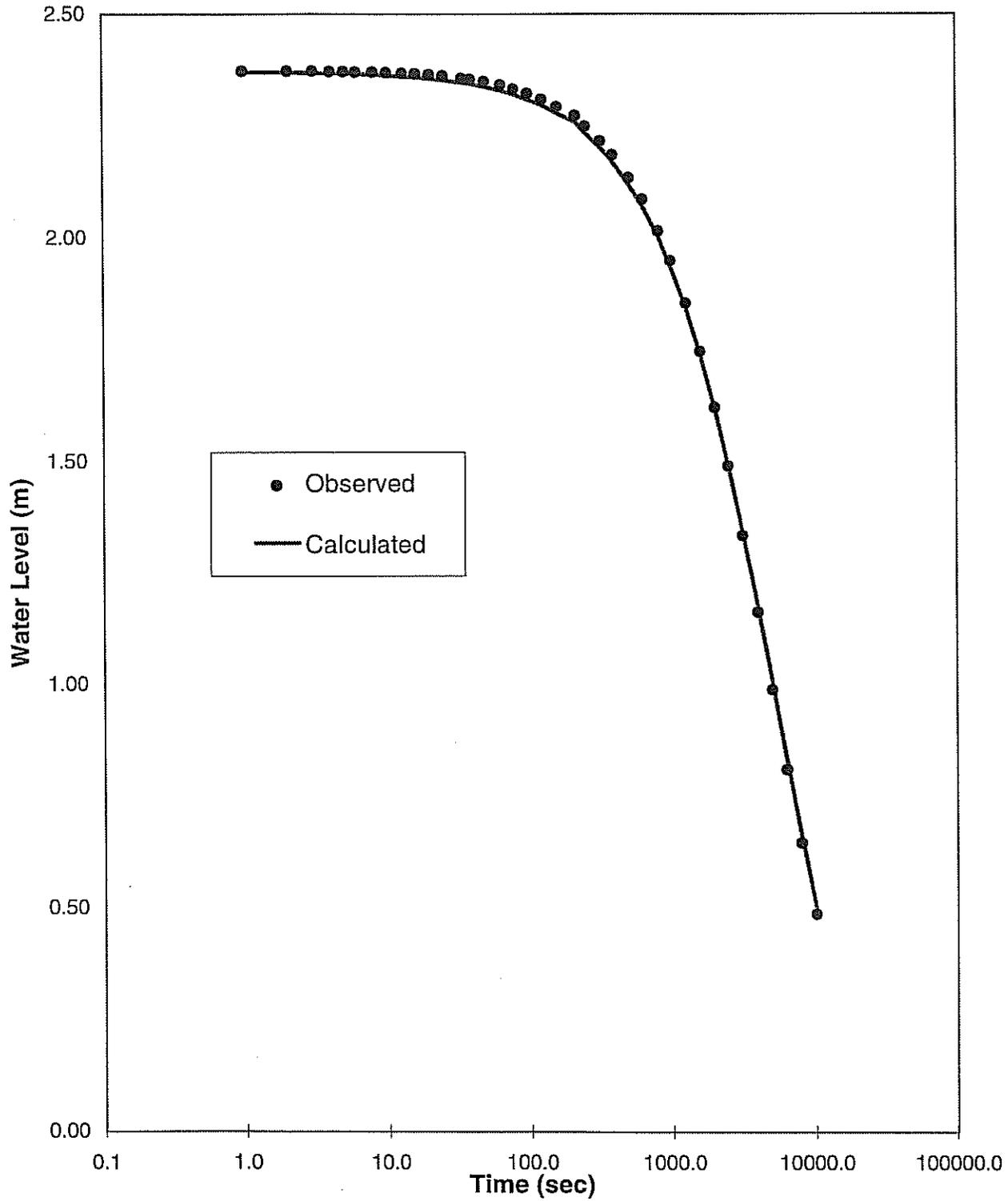


Slug Test at LBL, Well 69A-92-22  
 $K = 2.6 \times 10^{-7}$  [m/sec]



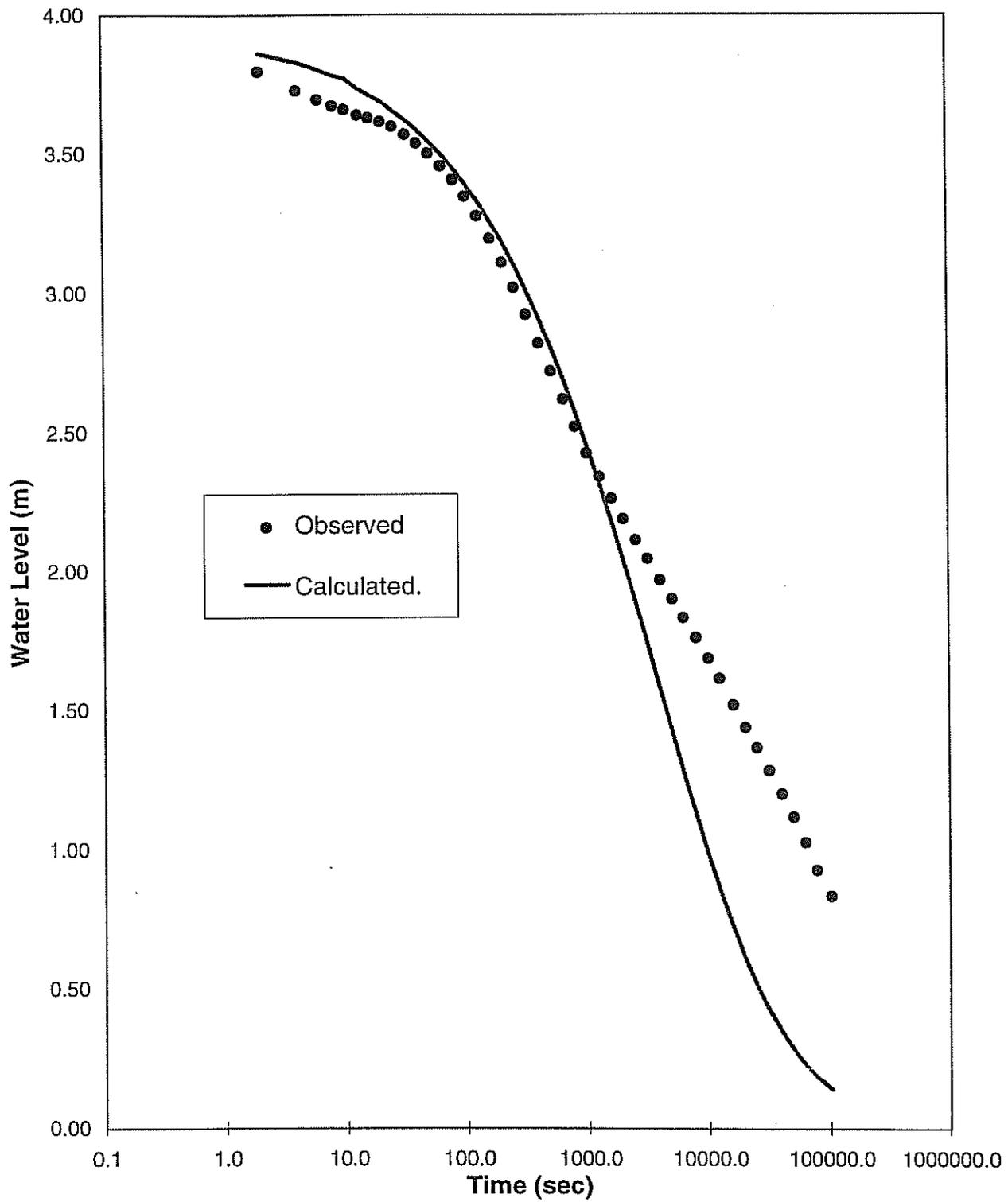
### Slug Test at LBL, Well 75-92-23

$$K = 5.1 \times 10^{-7} \text{ [m/sec]}$$

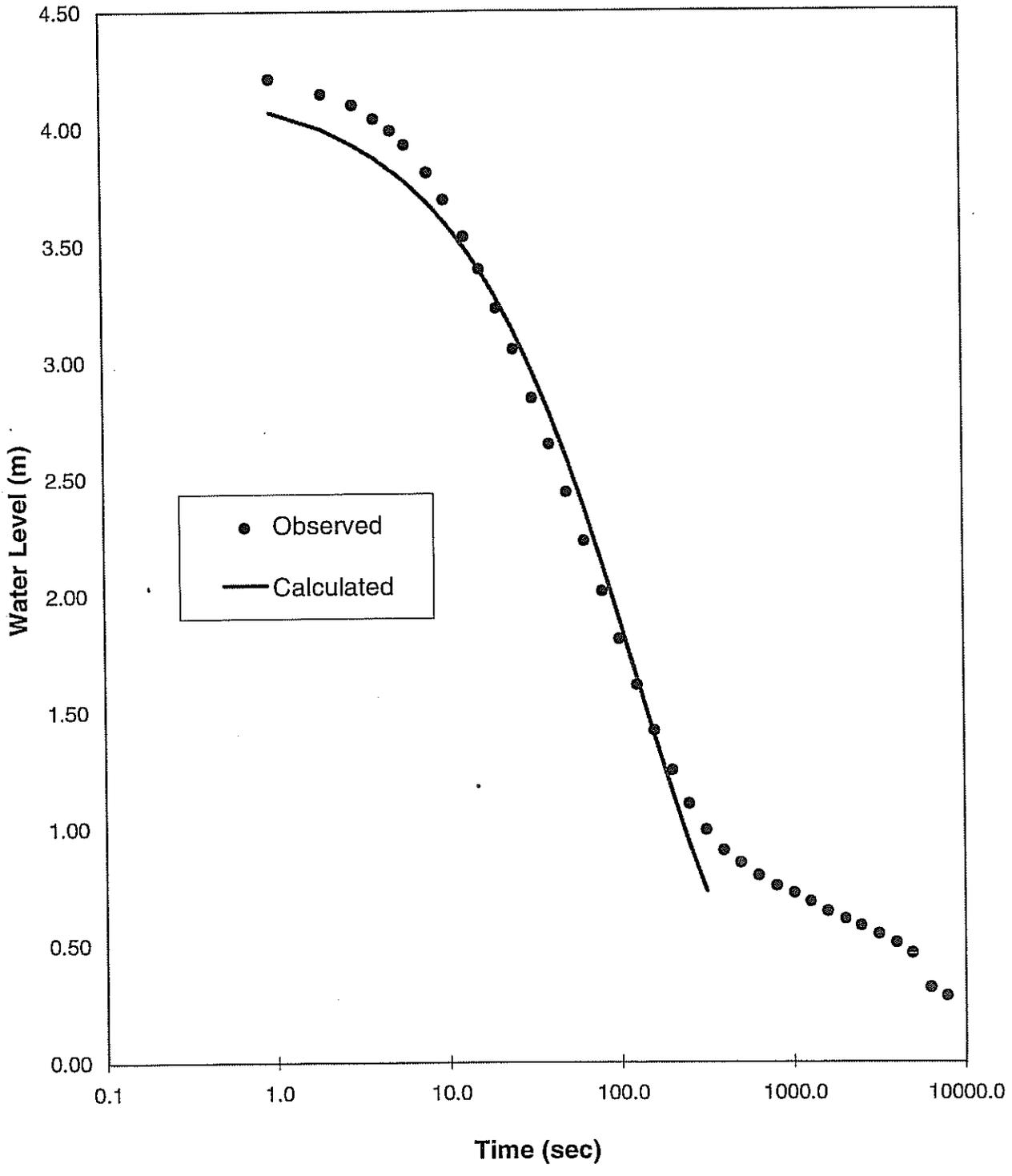


### Slug Test at LBL, Well 76-92-25

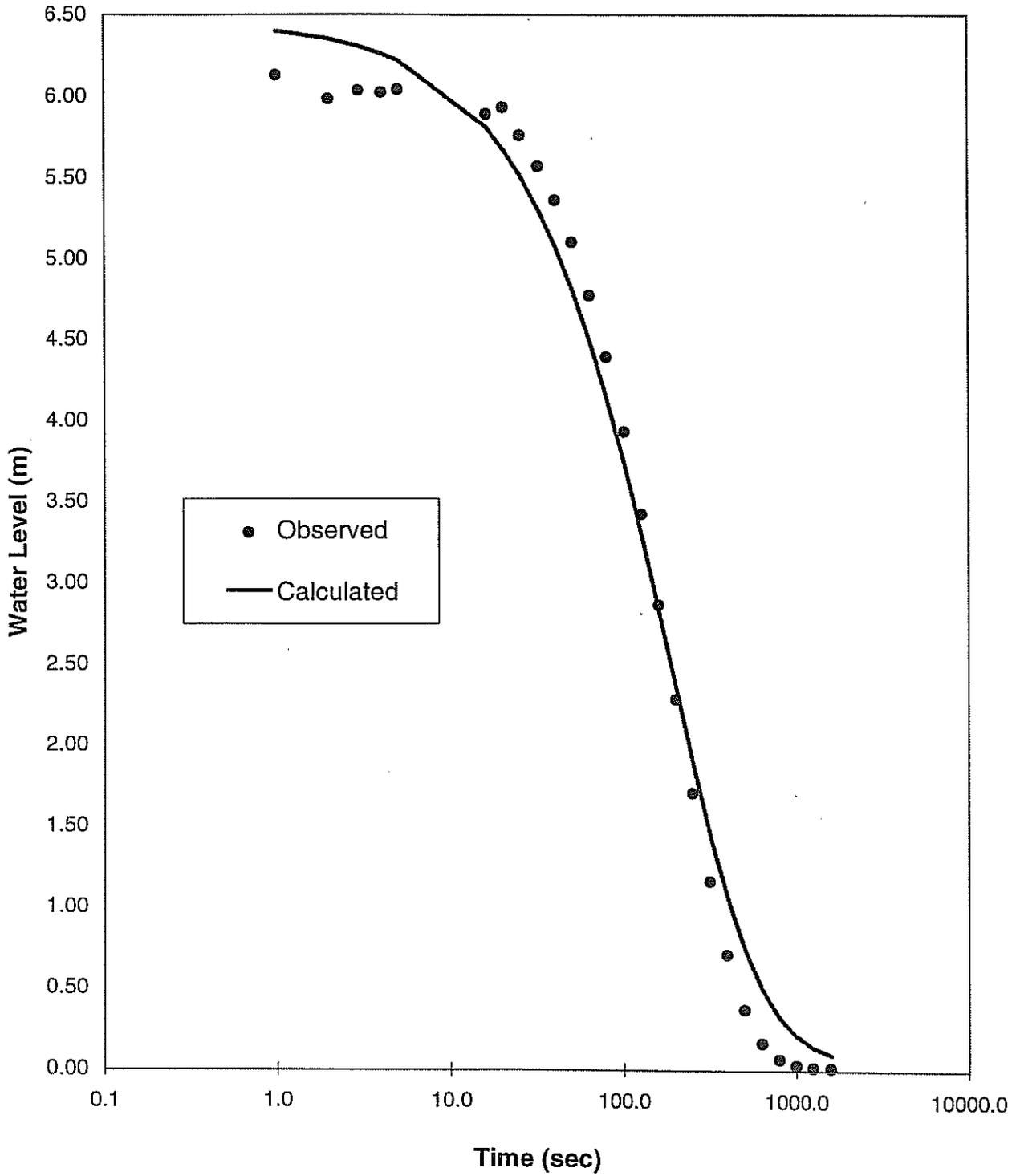
$$K = 1.7 \times 10^{-8} \text{ [m/sec]}$$



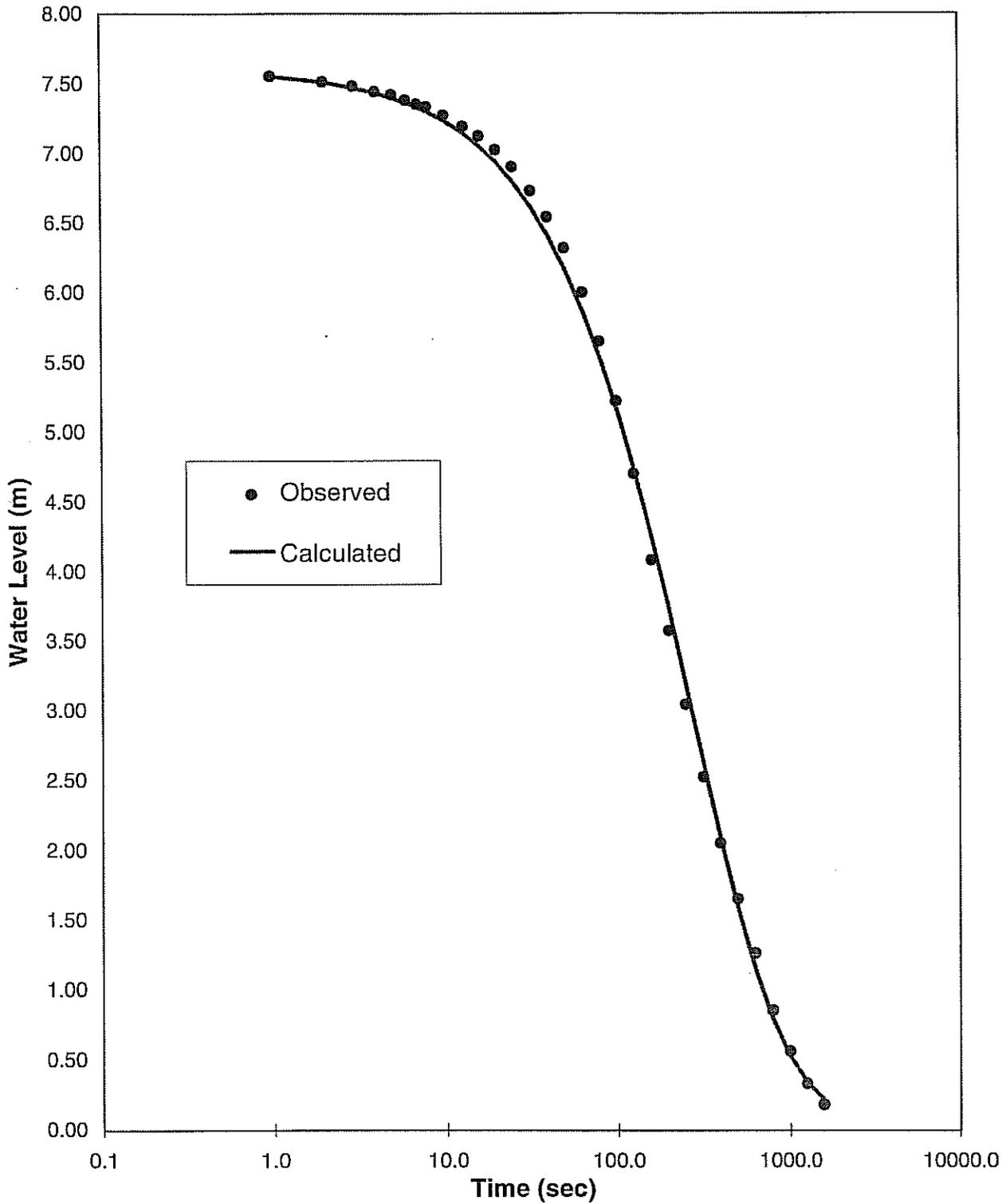
Slug Test at LBL, Well 62-92-26  
 $K = 2.0 \times 10^{-6}$  [m/sec]



Slug Test at LBL, Well 62-92-27  
 $K = 6.6 \times 10^{-6}$  [m/sec]

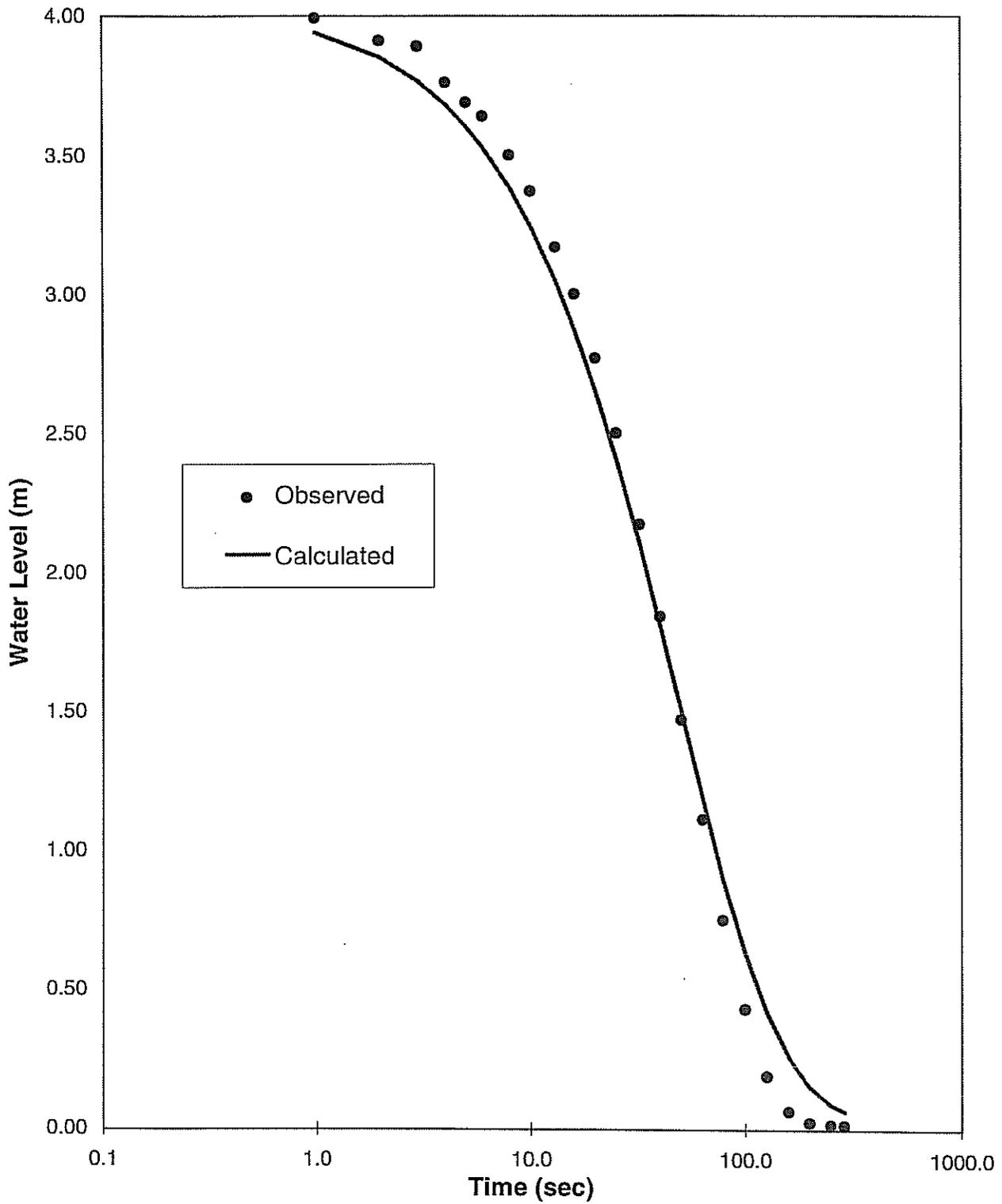


Slug Test at LBL, Well 71-93-1  
K = 1.1 x 10<sup>-6</sup> [m/sec]



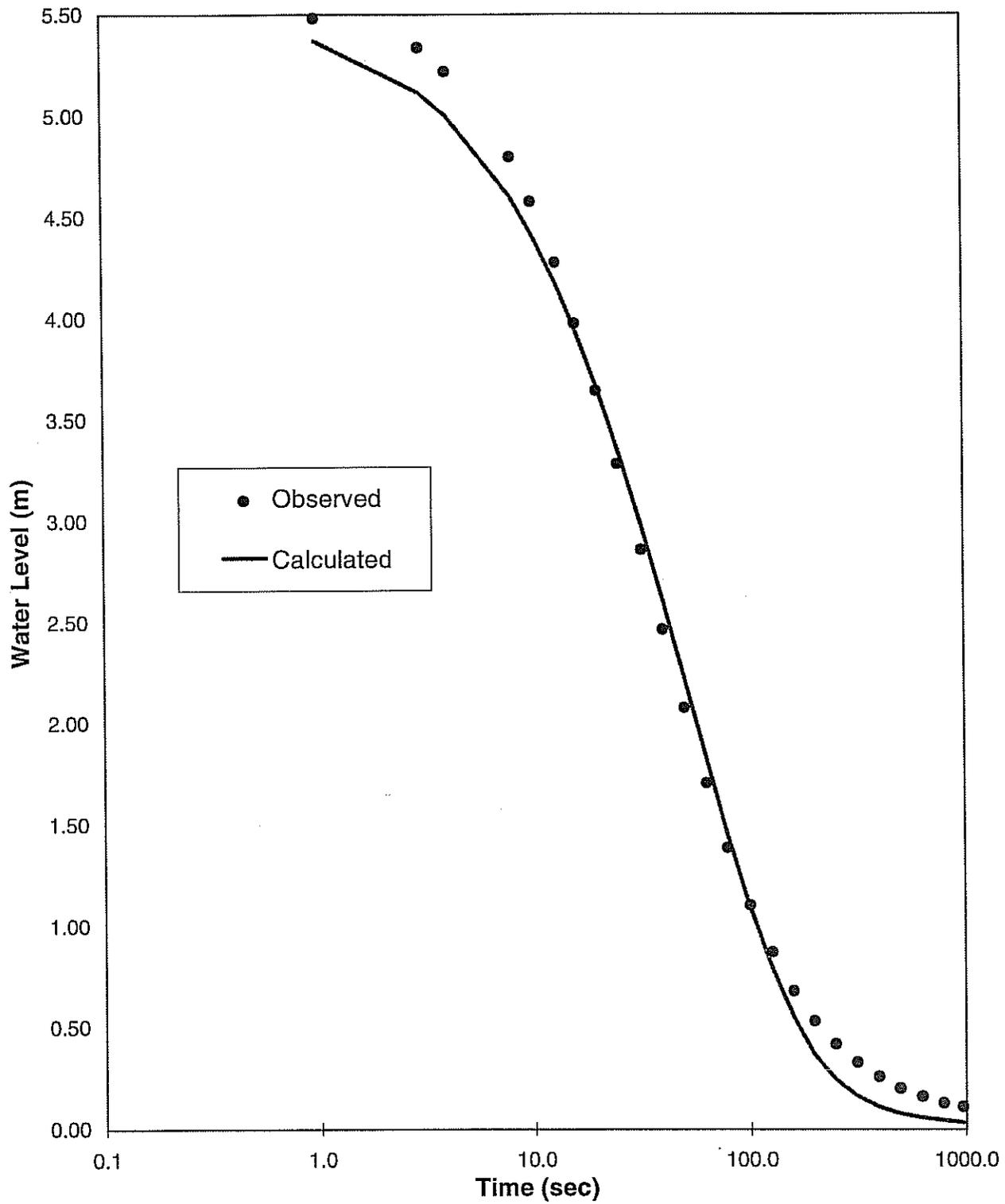
### Slug Test at LBL, Well 71-93-2

$K = 1.2 \times 10^{-5}$  [m/sec]



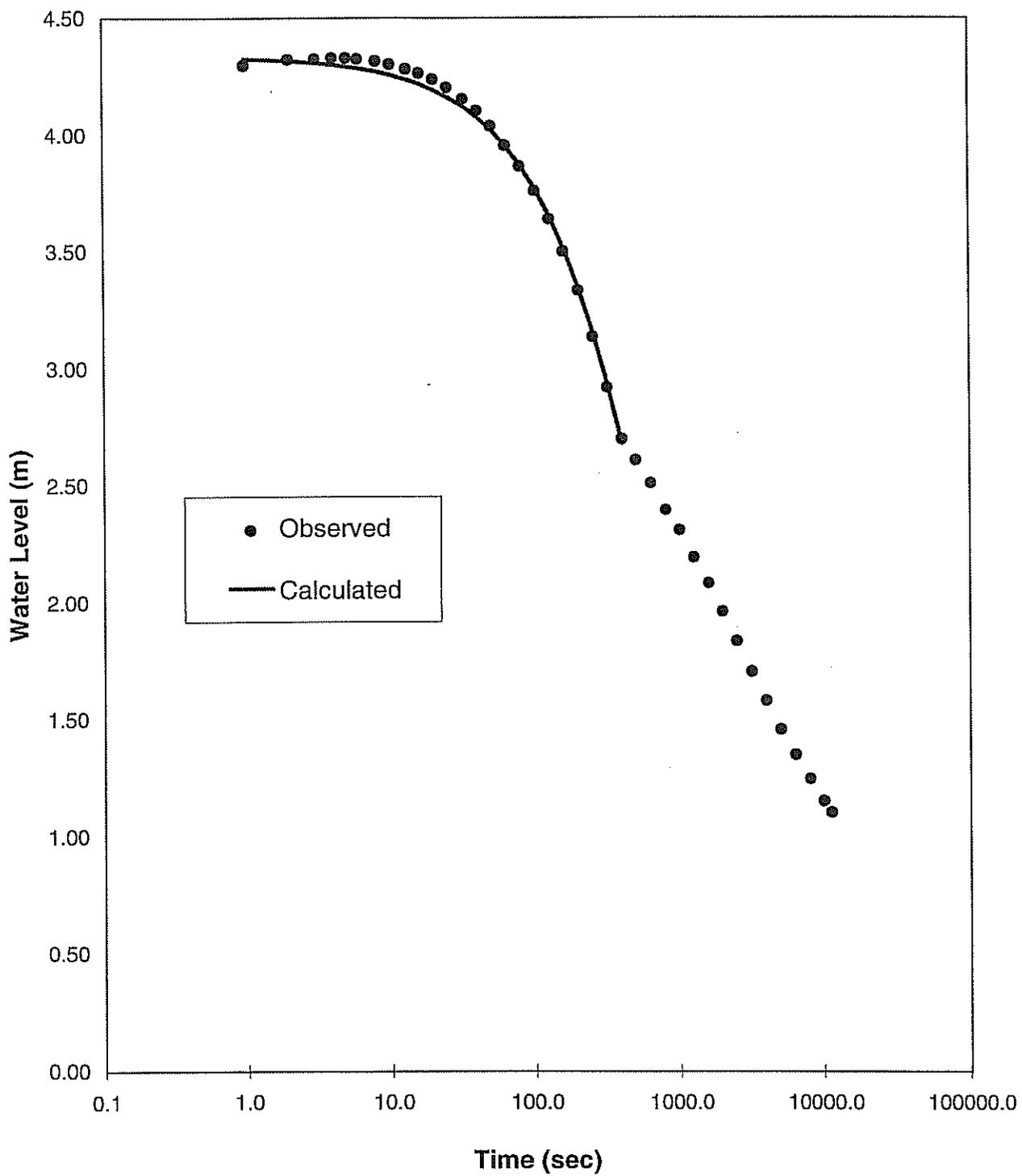
# Slug Test at LBL, Well 6-93-4

$K = 7.0 \times 10^{-6}$  [m/sec]



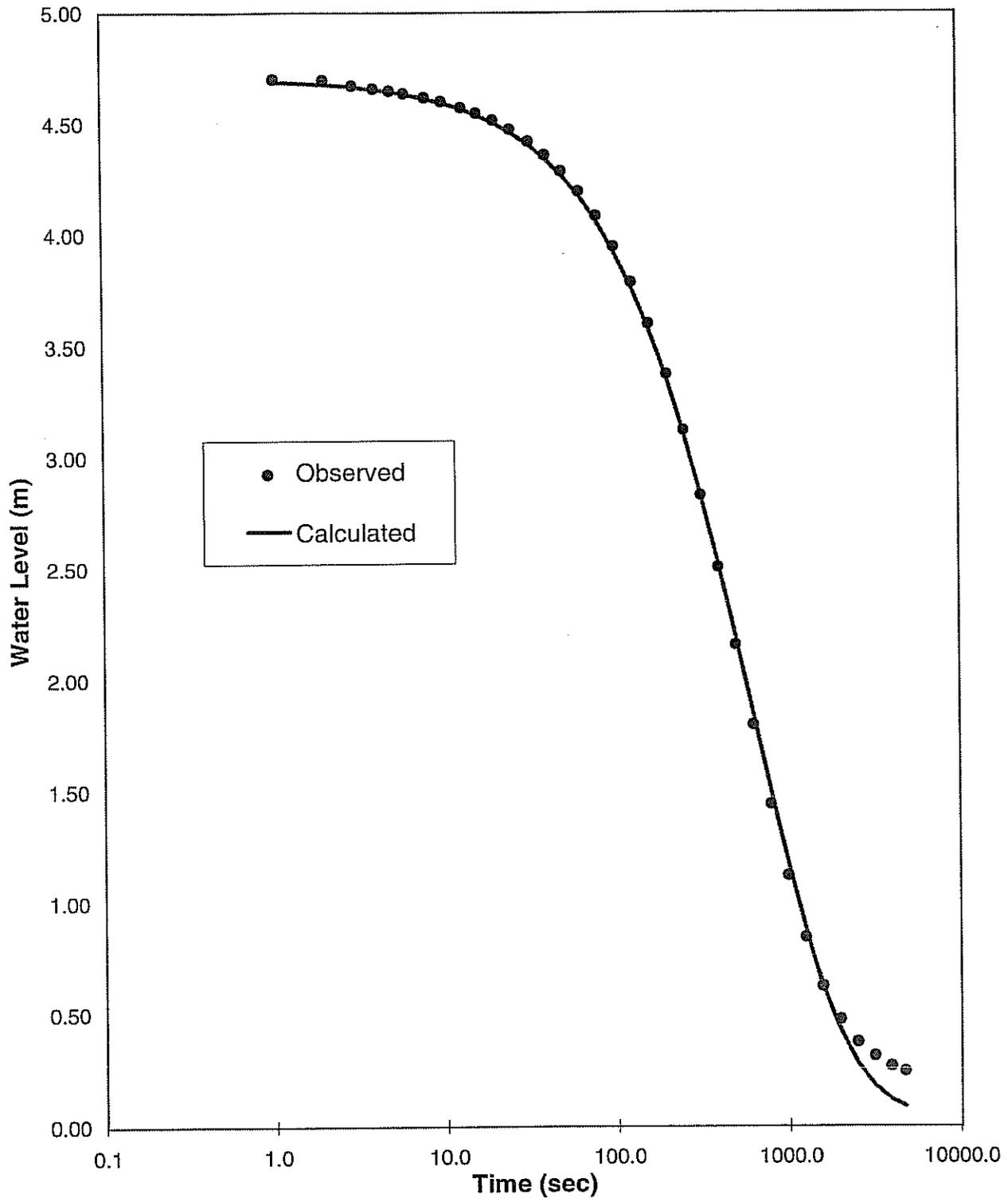
### Slug Test at LBL, Well 37-93-5

$$K = 7.2 \times 10^{-7} \text{ [m/sec]}$$



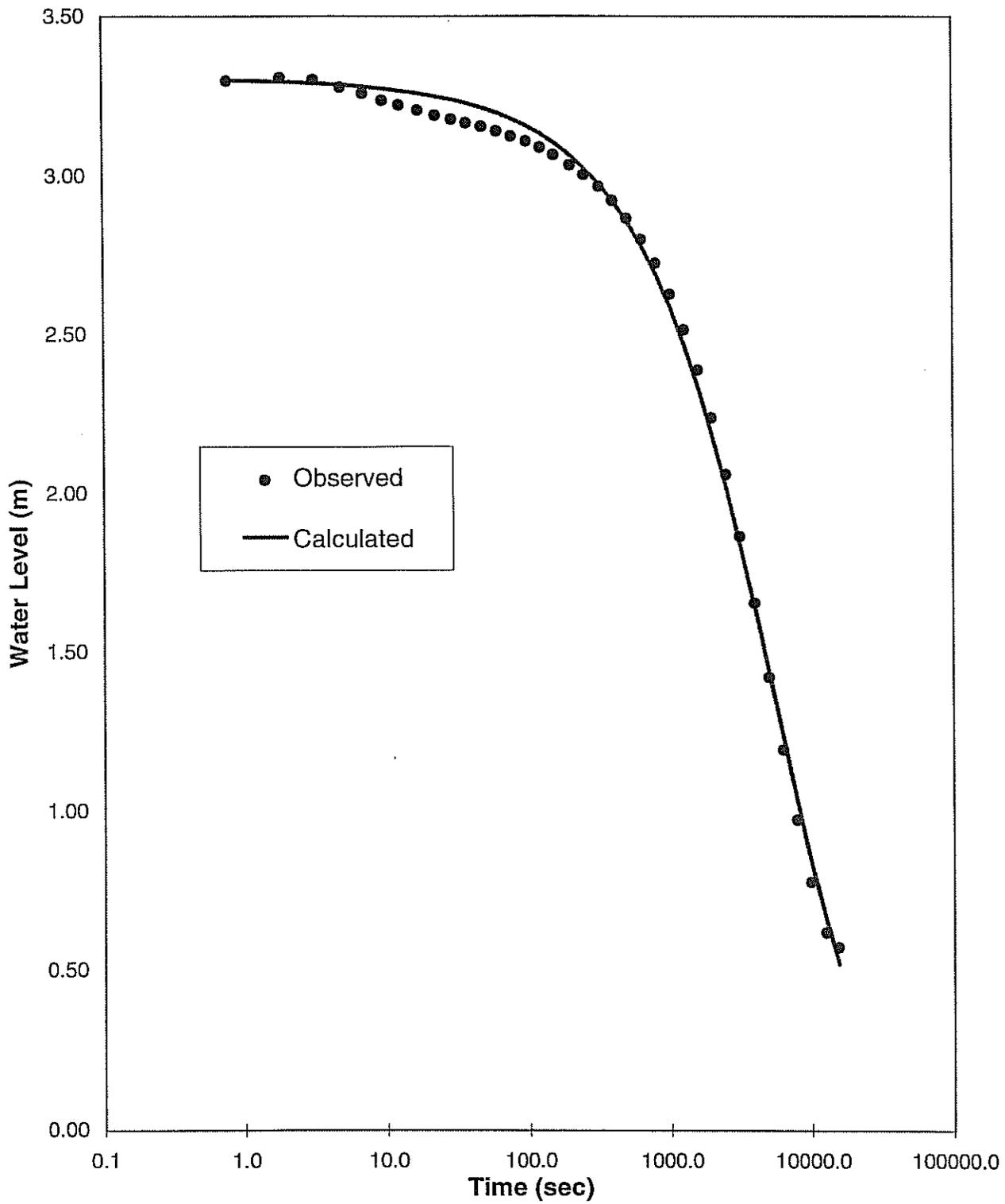
# Slug Test at LBL, Well 76-93-6

$K = 9.7 \times 10^{-7}$  [m/sec]



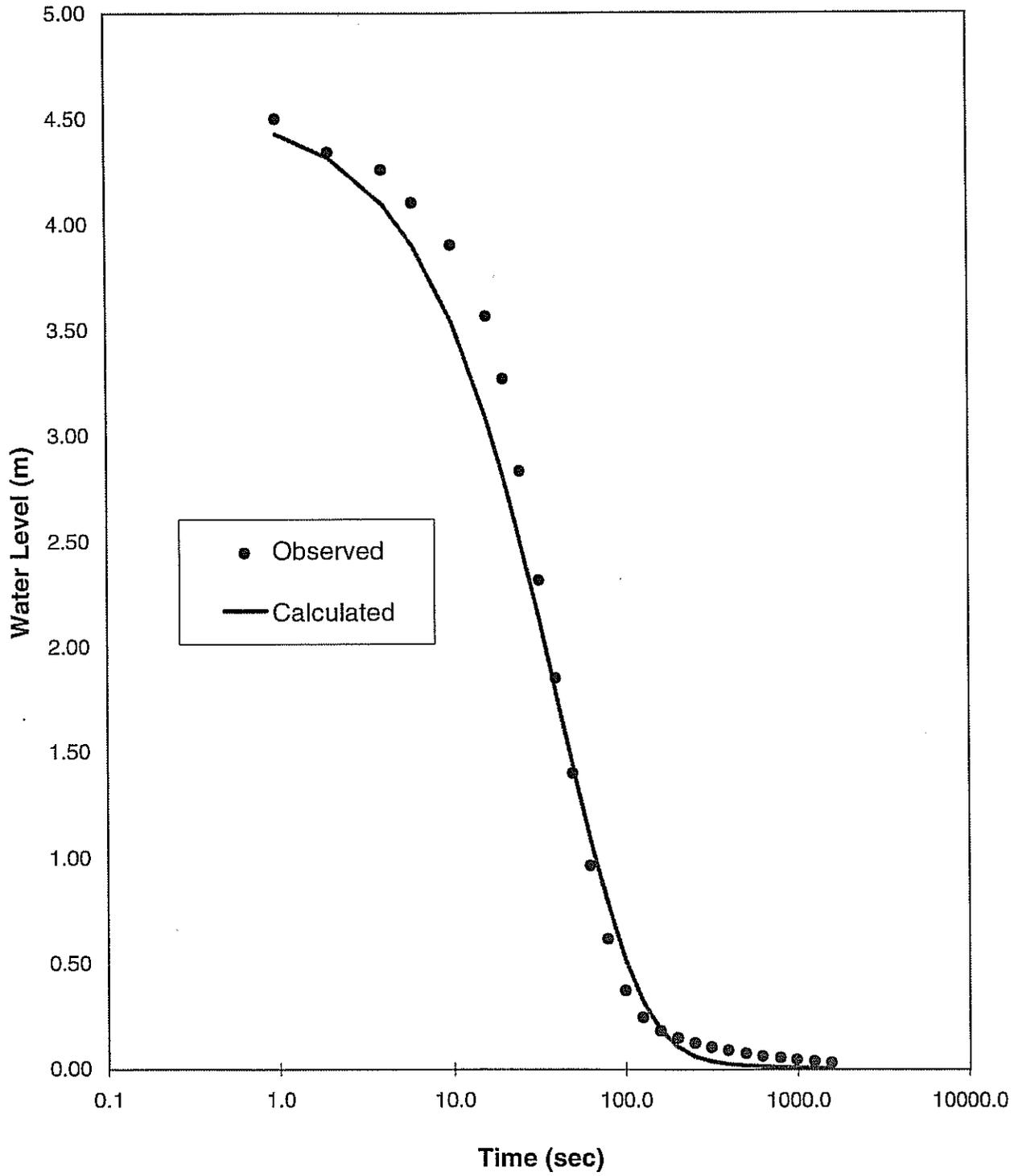
### Slug Test at LBL, Well 77-93-8

$$K = 4.9 \times 10^{-8} \text{ [m/sec]}$$



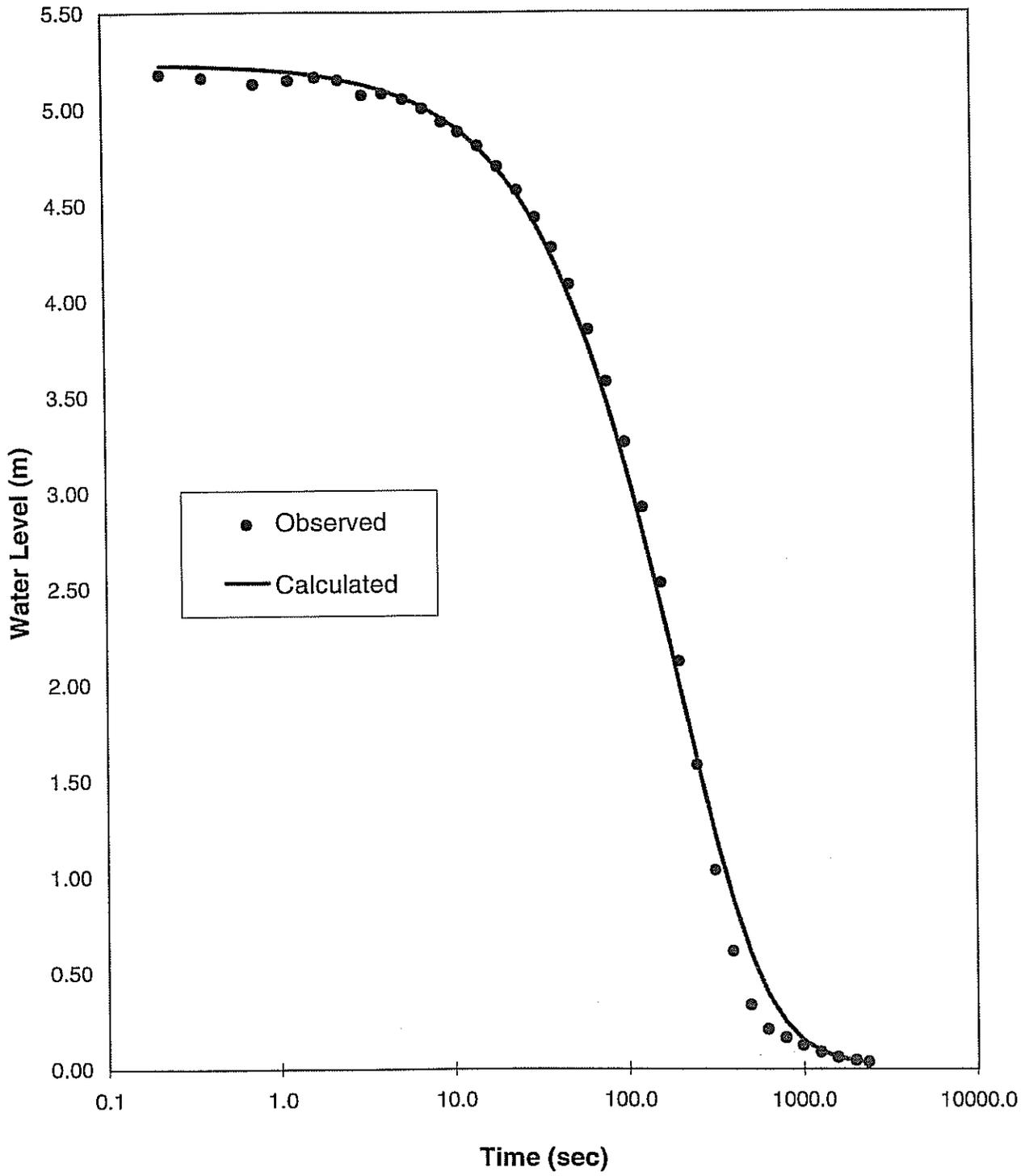
# Slug Test at LBL, Well 53-93-9

$$K = 1.7 \times 10^{-5} \text{ [m/sec]}$$

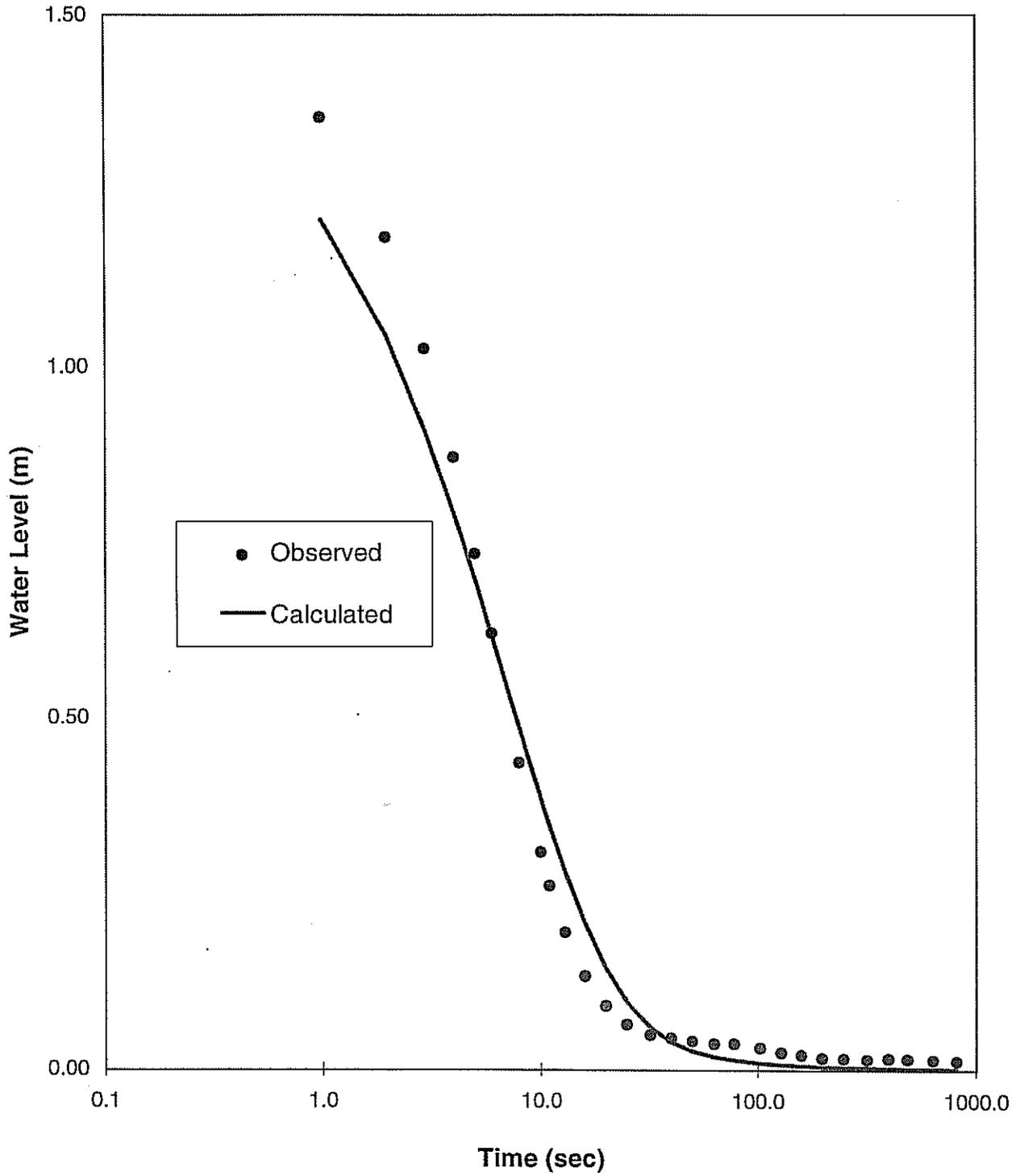


# Slug Test at LBL, Well 5-93-10

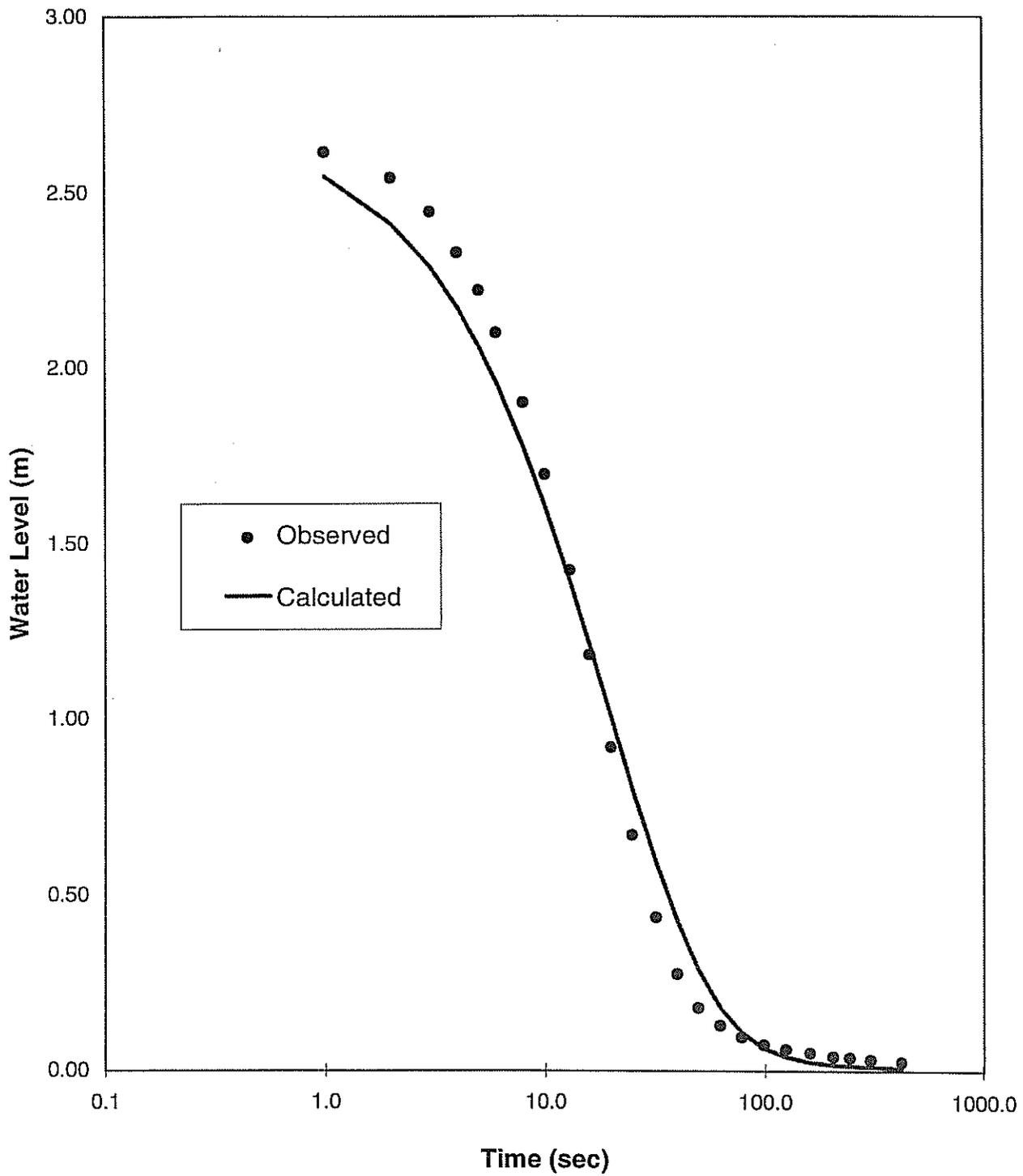
$$K = 2.9 \times 10^{-6} \text{ [m/sec]}$$



Slug Test at LBL, Well 46-93-12  
 $K = 3.6 \times 10^{-4}$  [m/sec]

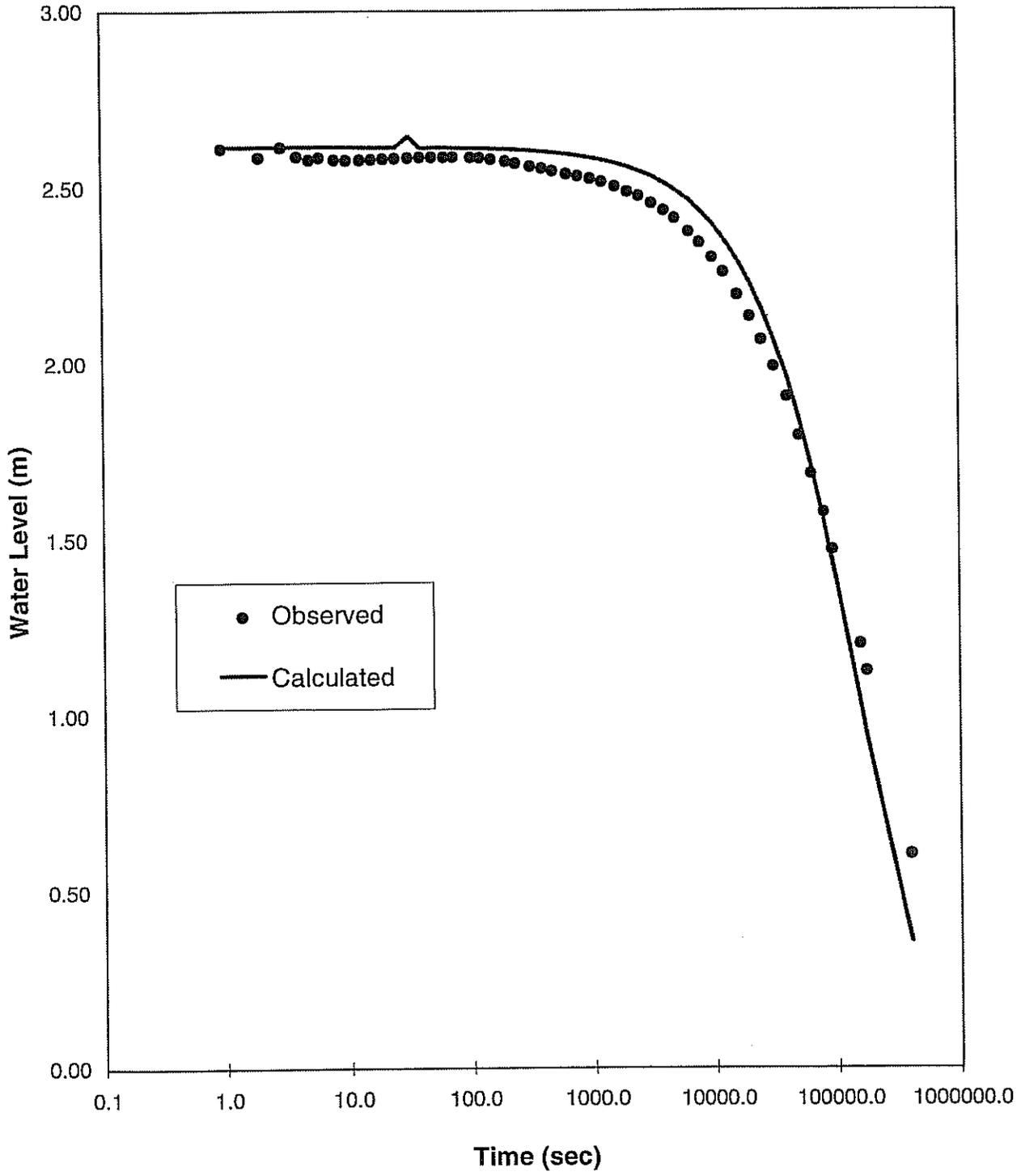


Slug Test at LBL, Well 88-93-13  
 $K = 2.8 \times 10^{-5}$  [m/sec]



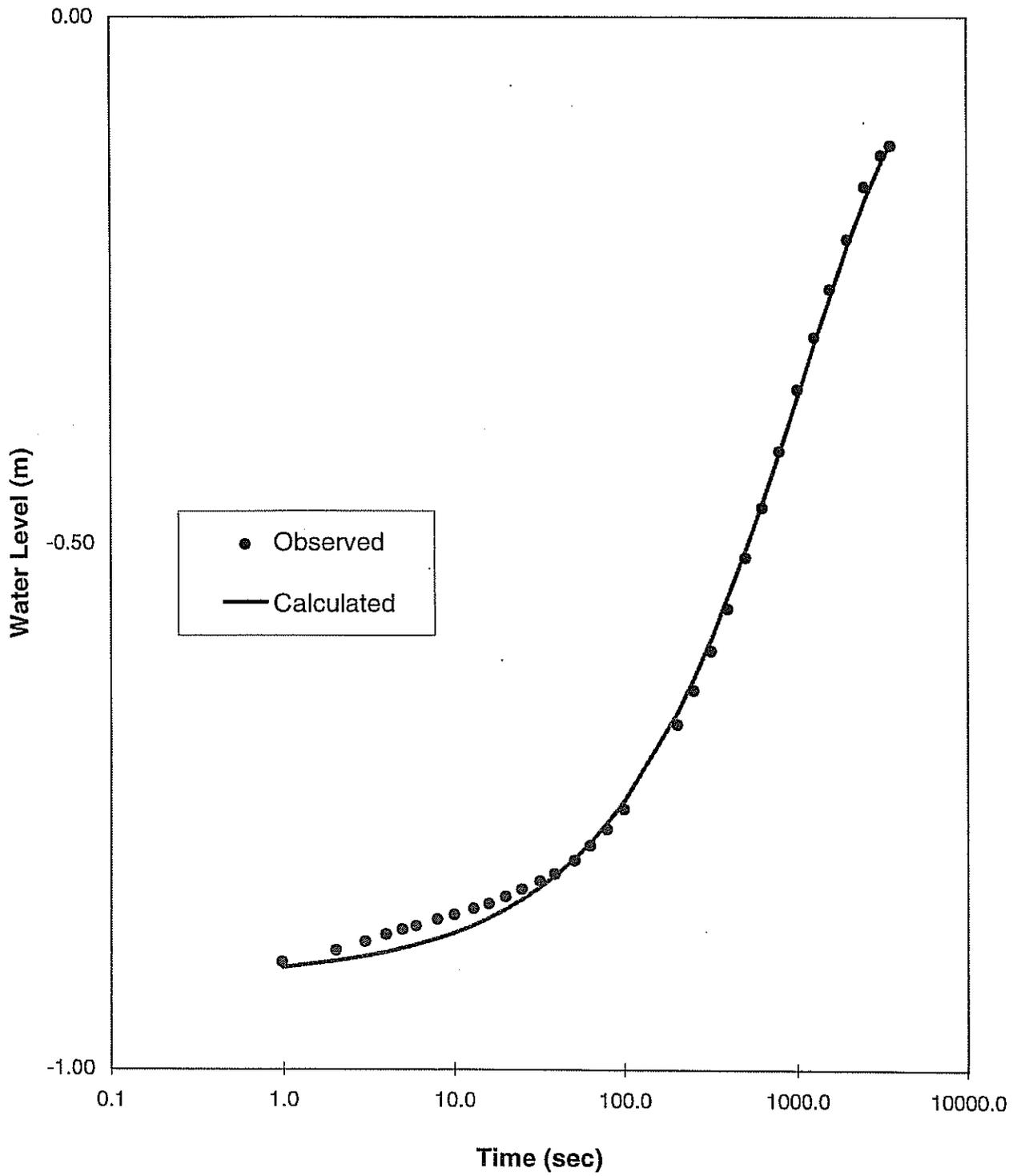
# Slug Test at LBL, Well 25-93-15

$$K = 2.7 \times 10^{-8} \text{ [m/sec]}$$

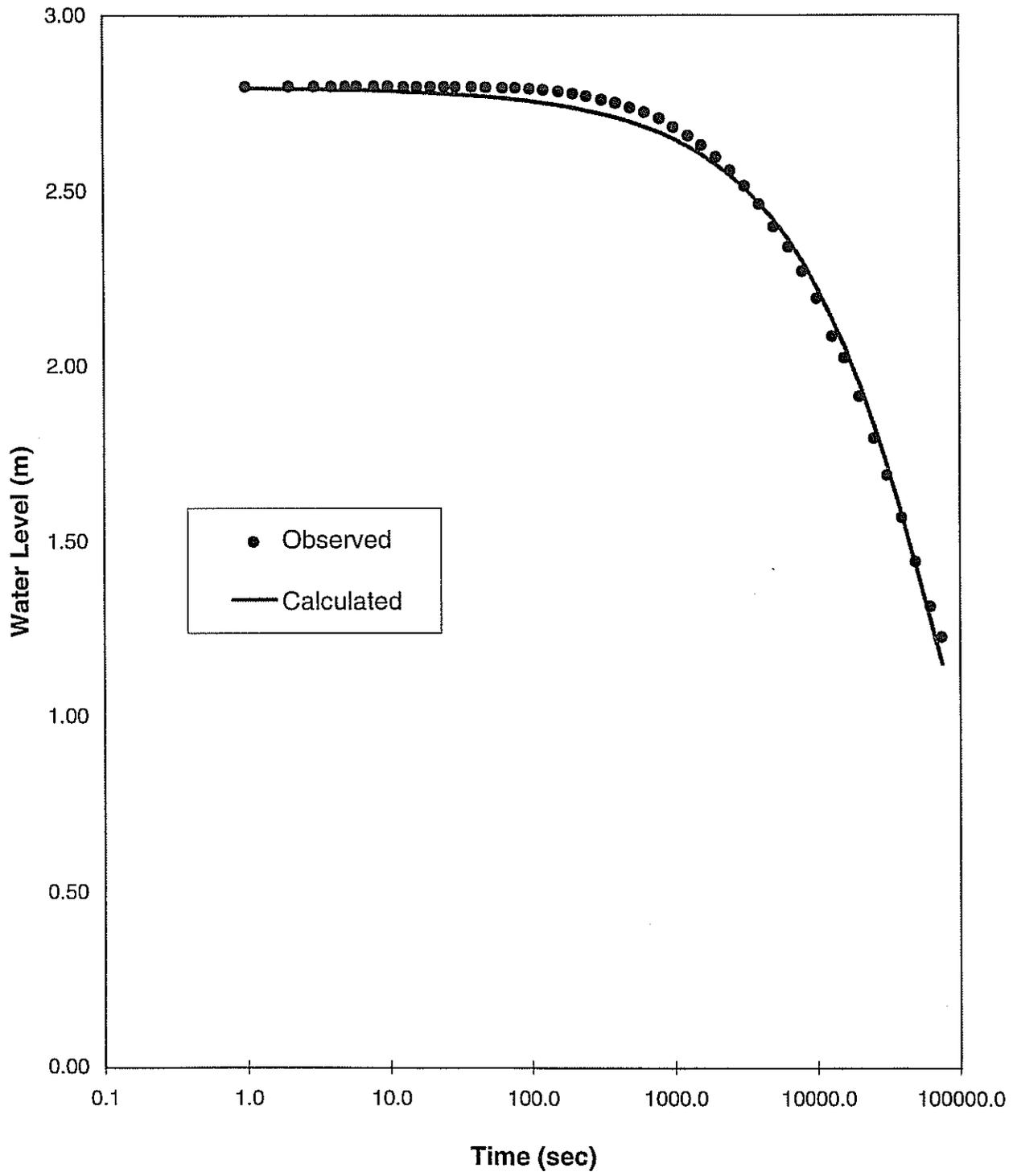


### Slug Test at LBL, Well 53-93-16

$$K = 6.8 \times 10^{-7} \text{ [m/sec]}$$

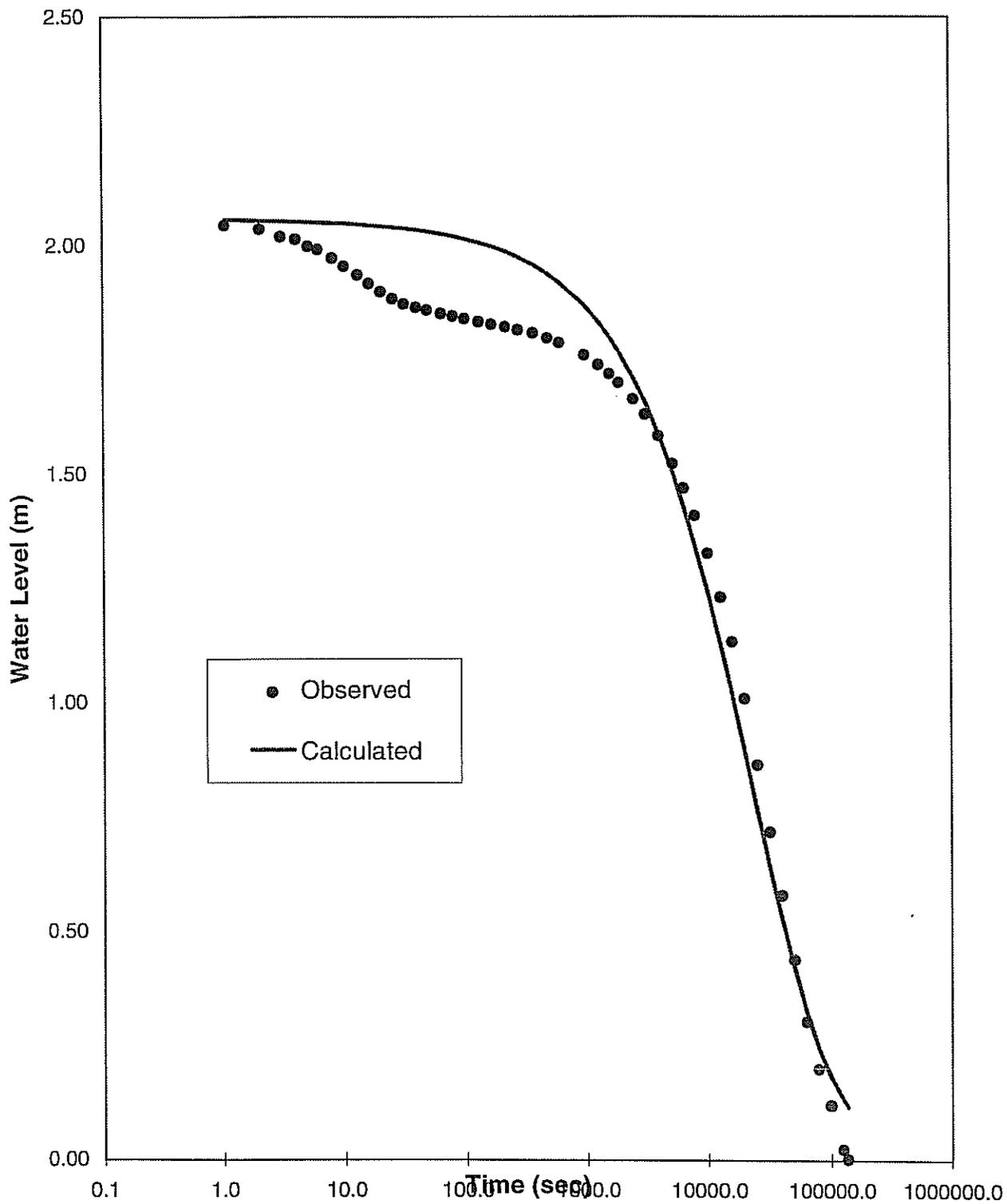


Slug Test at LBL, Well 53-93-17  
 $K = 1.5 \times 10^{-9}$  [m/sec]

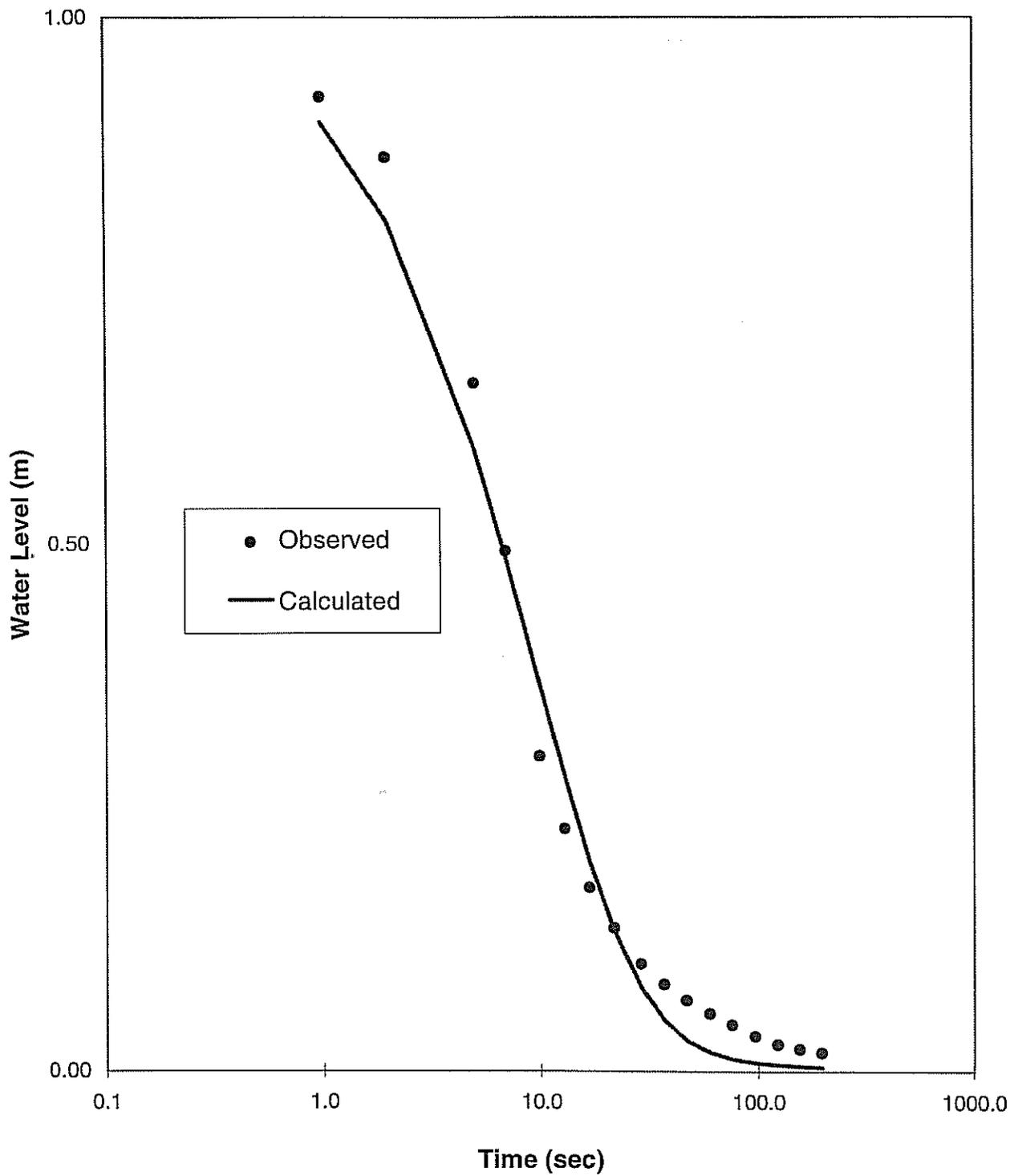


### Slug Test at LBL, Well 51B-93-18b

$K = 5.5 \times 10^{-9}$  [m/sec]

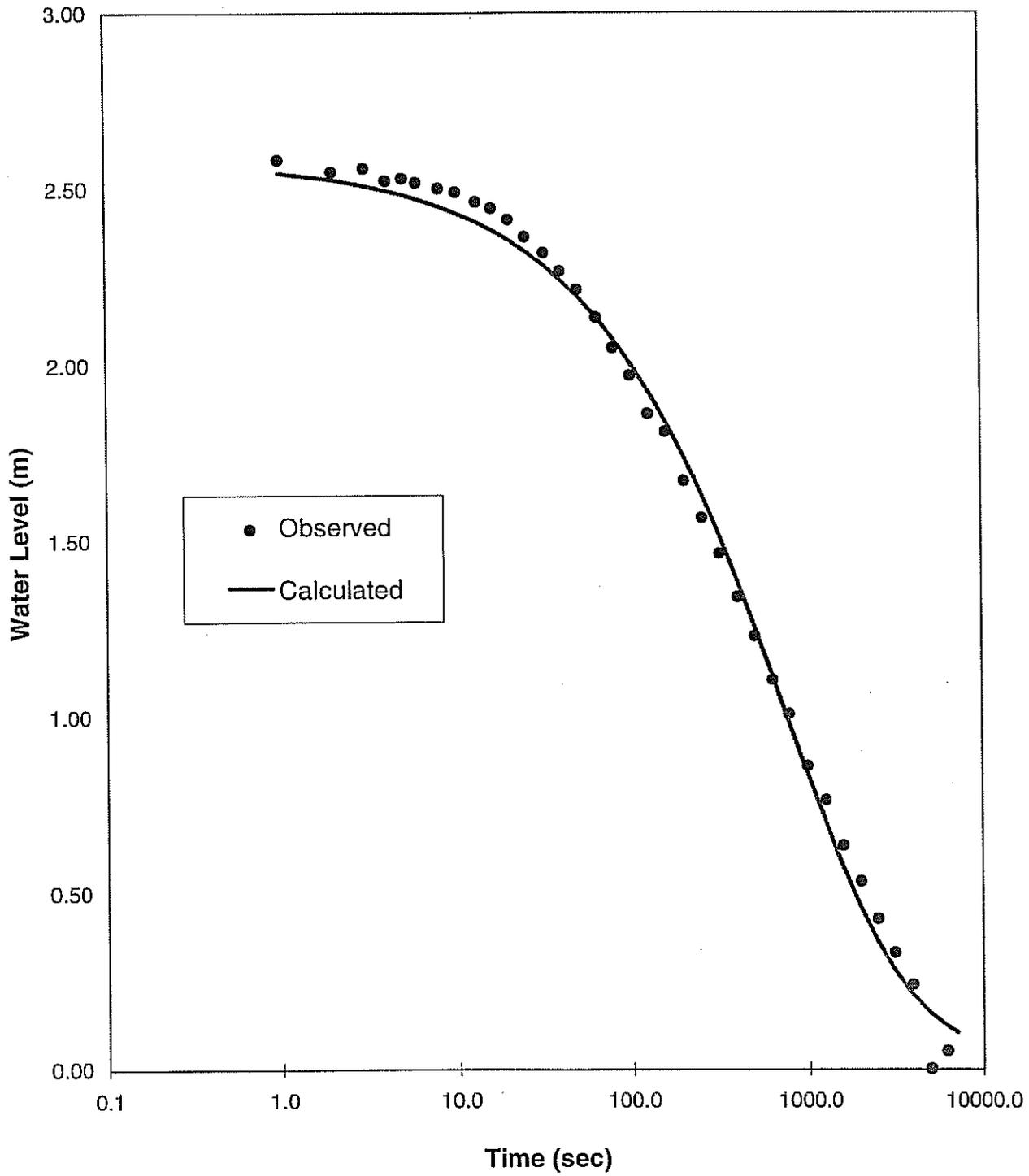


Slug Test at LBL, Well 71-94-1  
 $K = 9.4 \times 10^{-5}$  [m/sec]



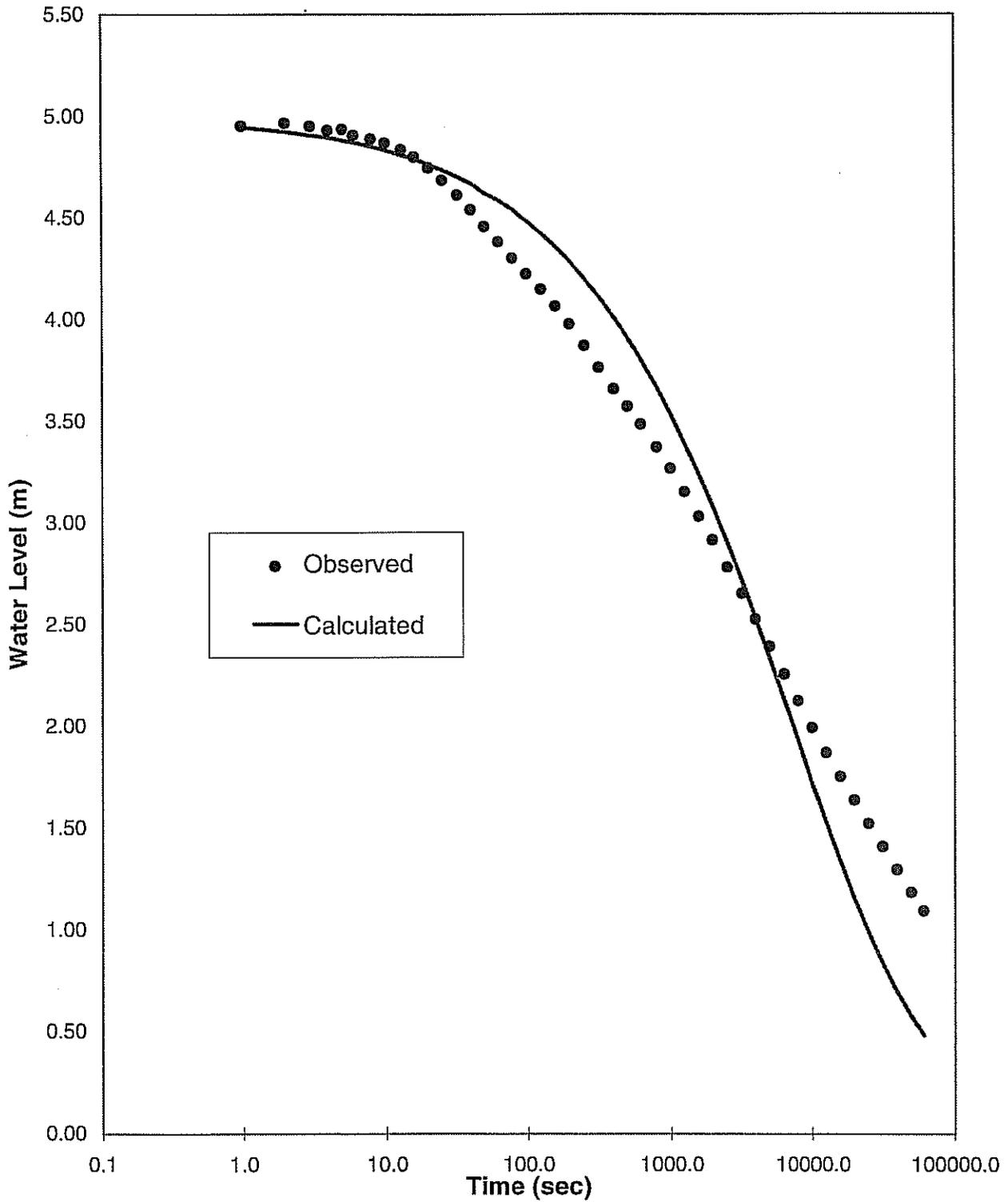
### Slug Test at LBL, Well 7-94-3

$$K = 1.1 \times 10^{-7} \text{ [m/sec]}$$



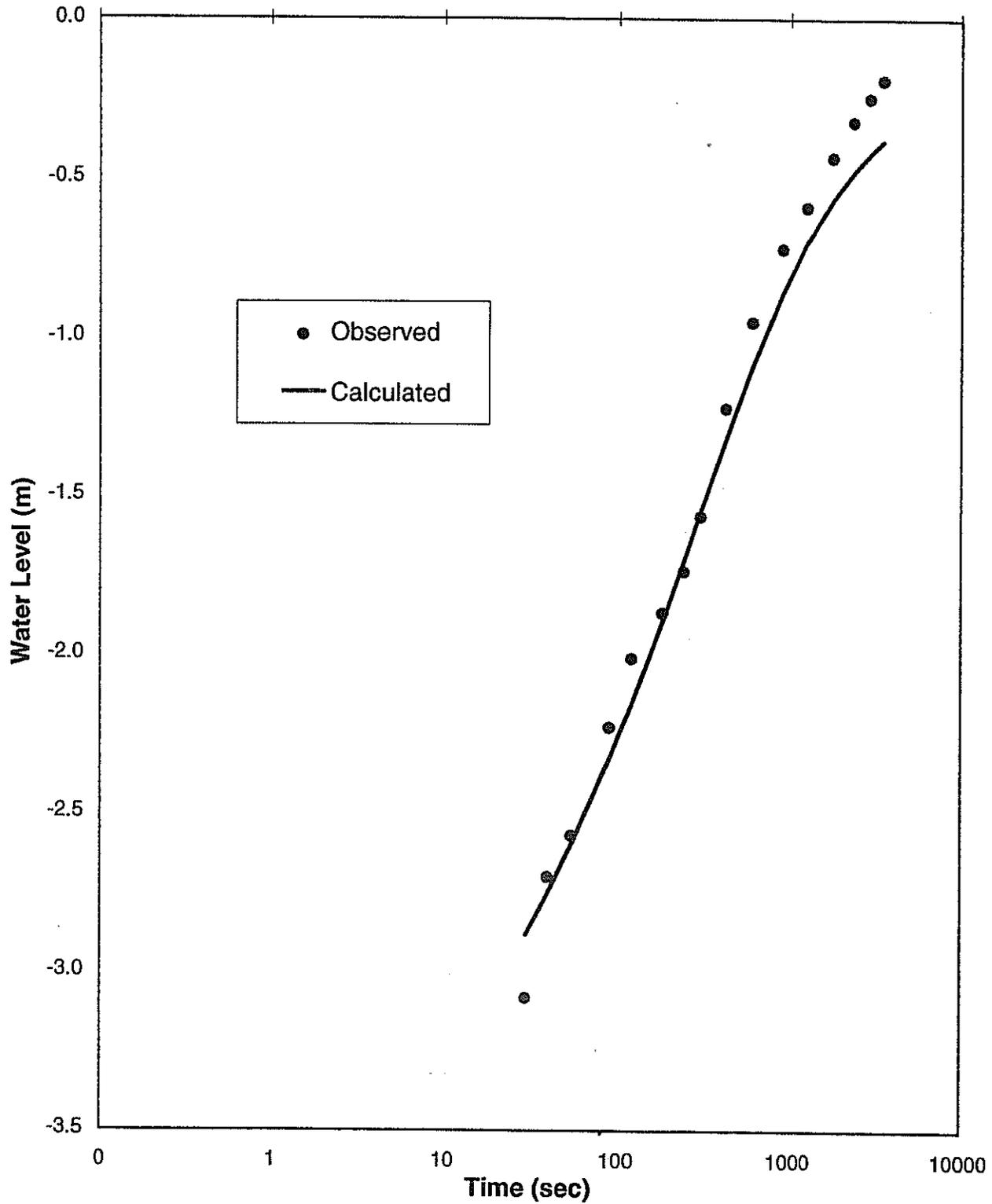
# Slug Test at LBL, Well 77-94-5

$K = 4.3 \times 10^{-9}$  [m/sec]



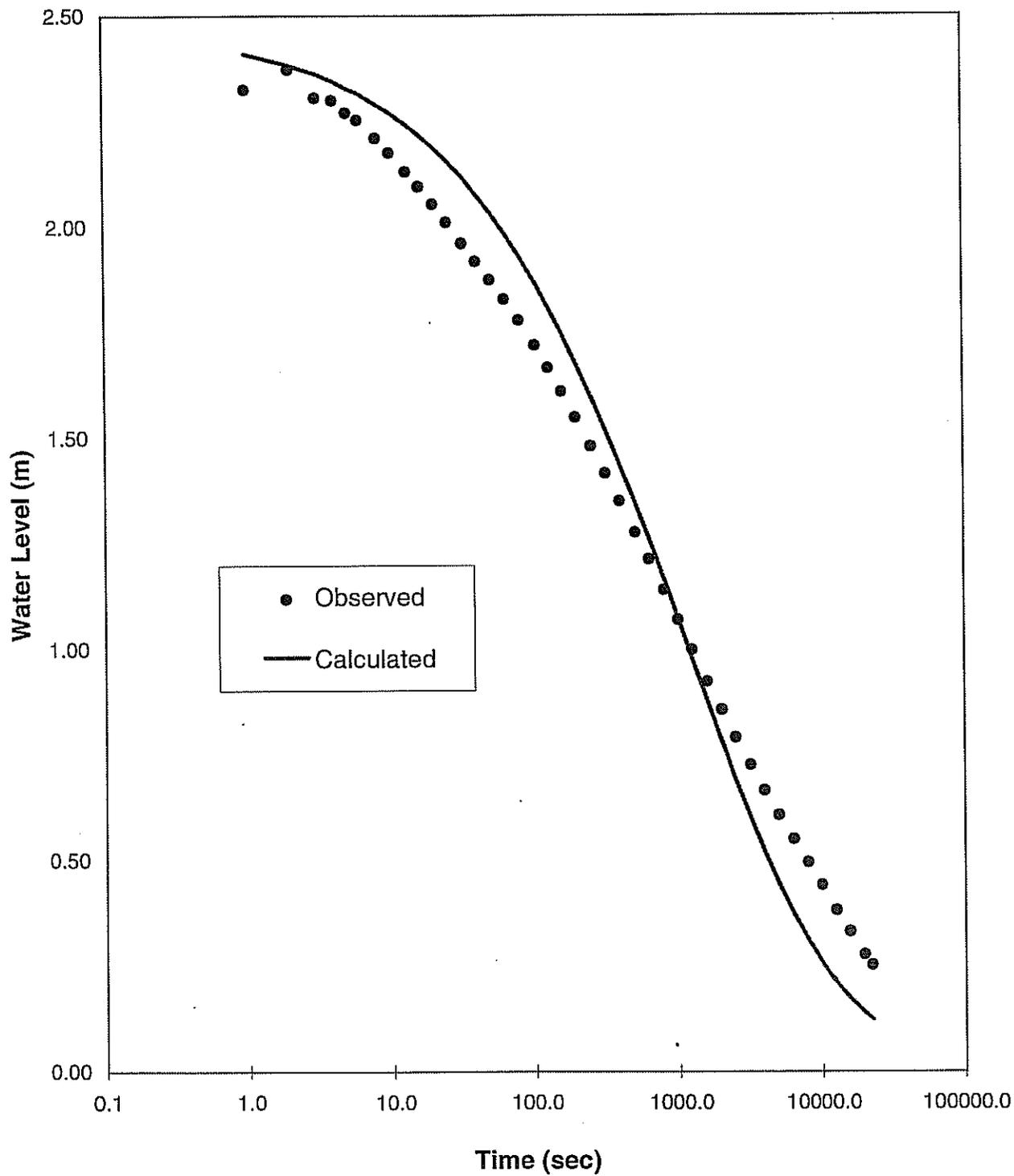
### Slug Test at LBL, Well 77-94-6

$K = 3.4 \times 10^{-8}$  [m/sec]



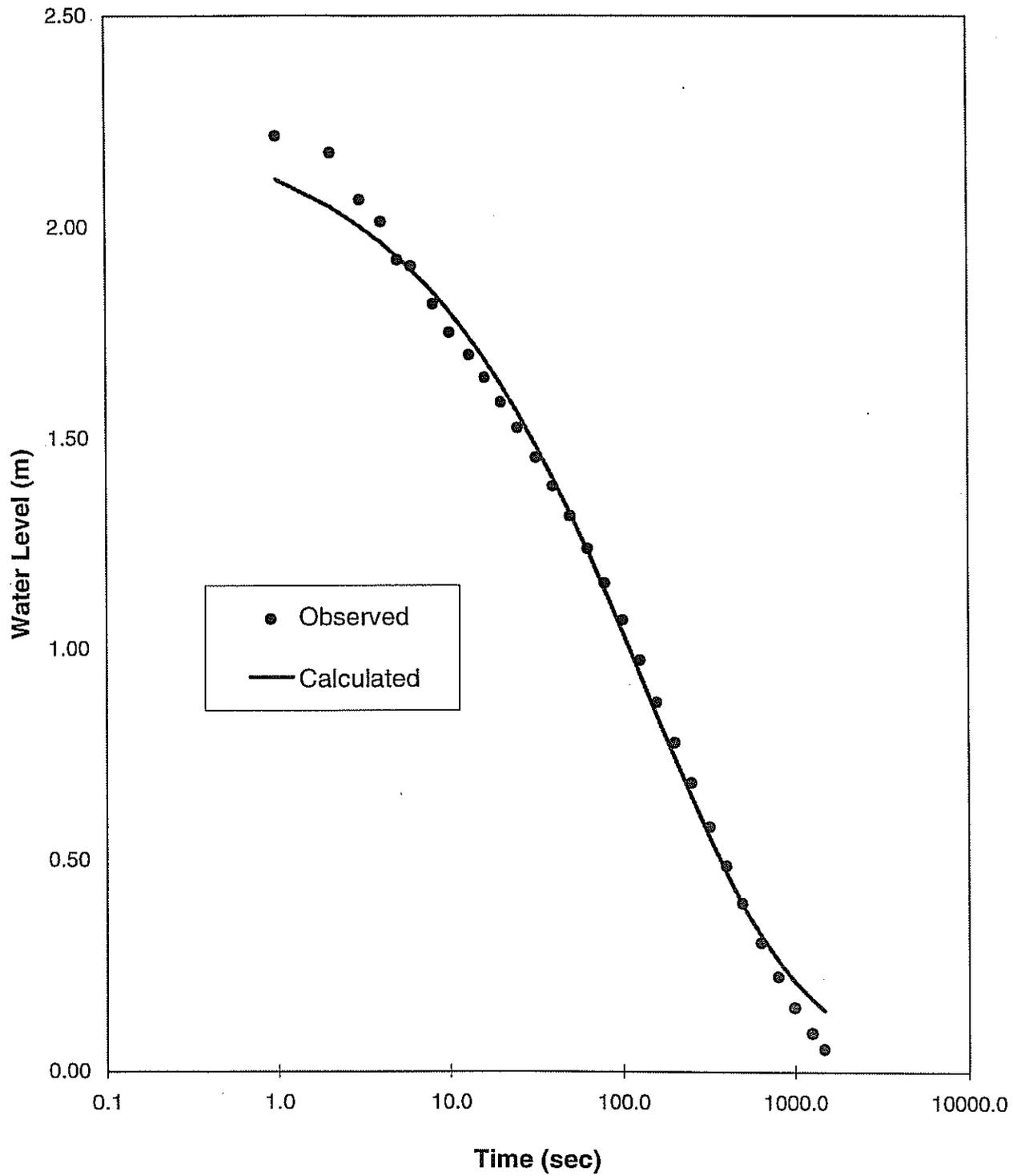
### Slug Test at LBL, Well 74-94-7

$K = 4.6 \times 10^{-8}$  [m/sec]

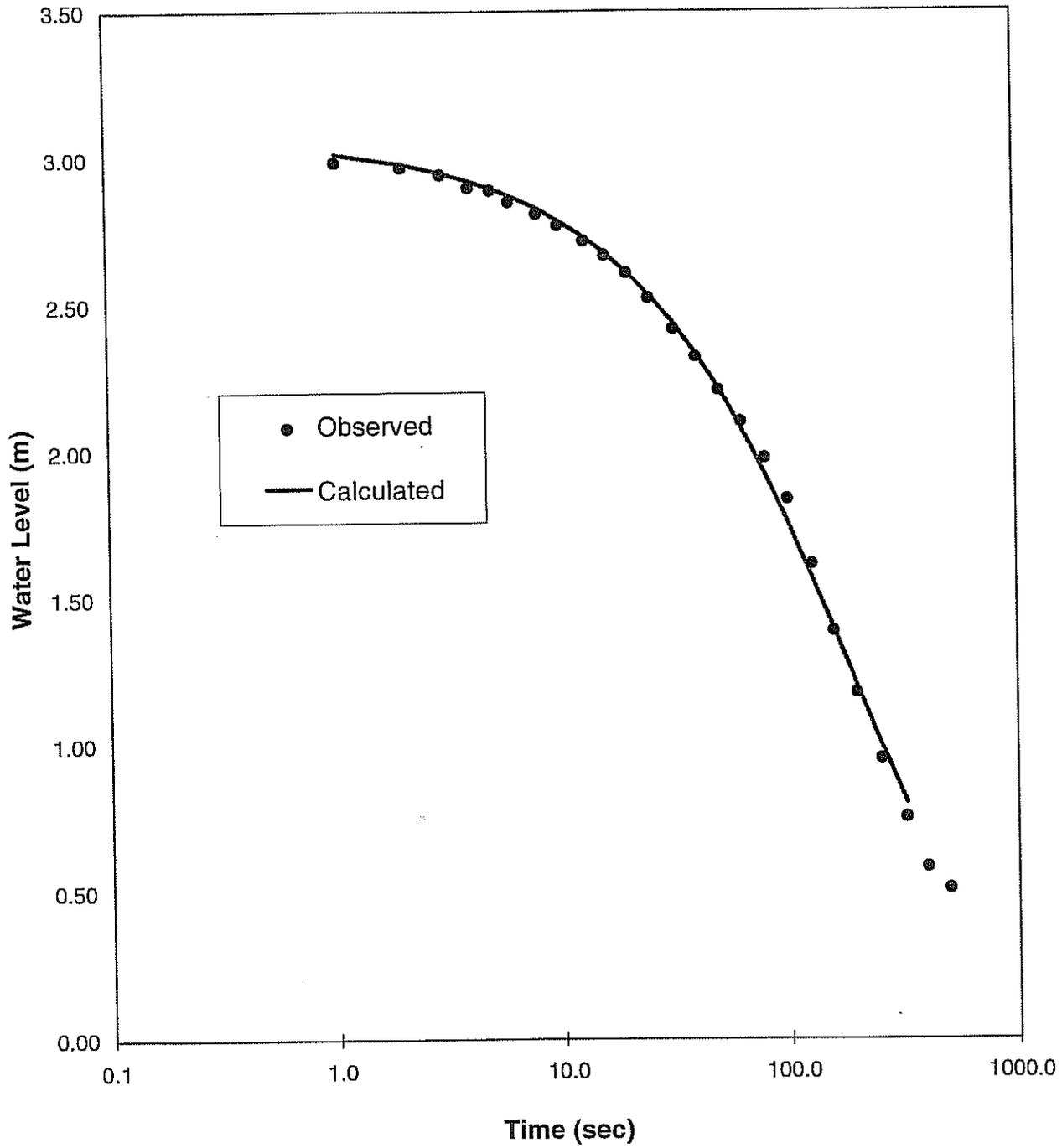


# Slug Test at LBL, Well 74-94-8

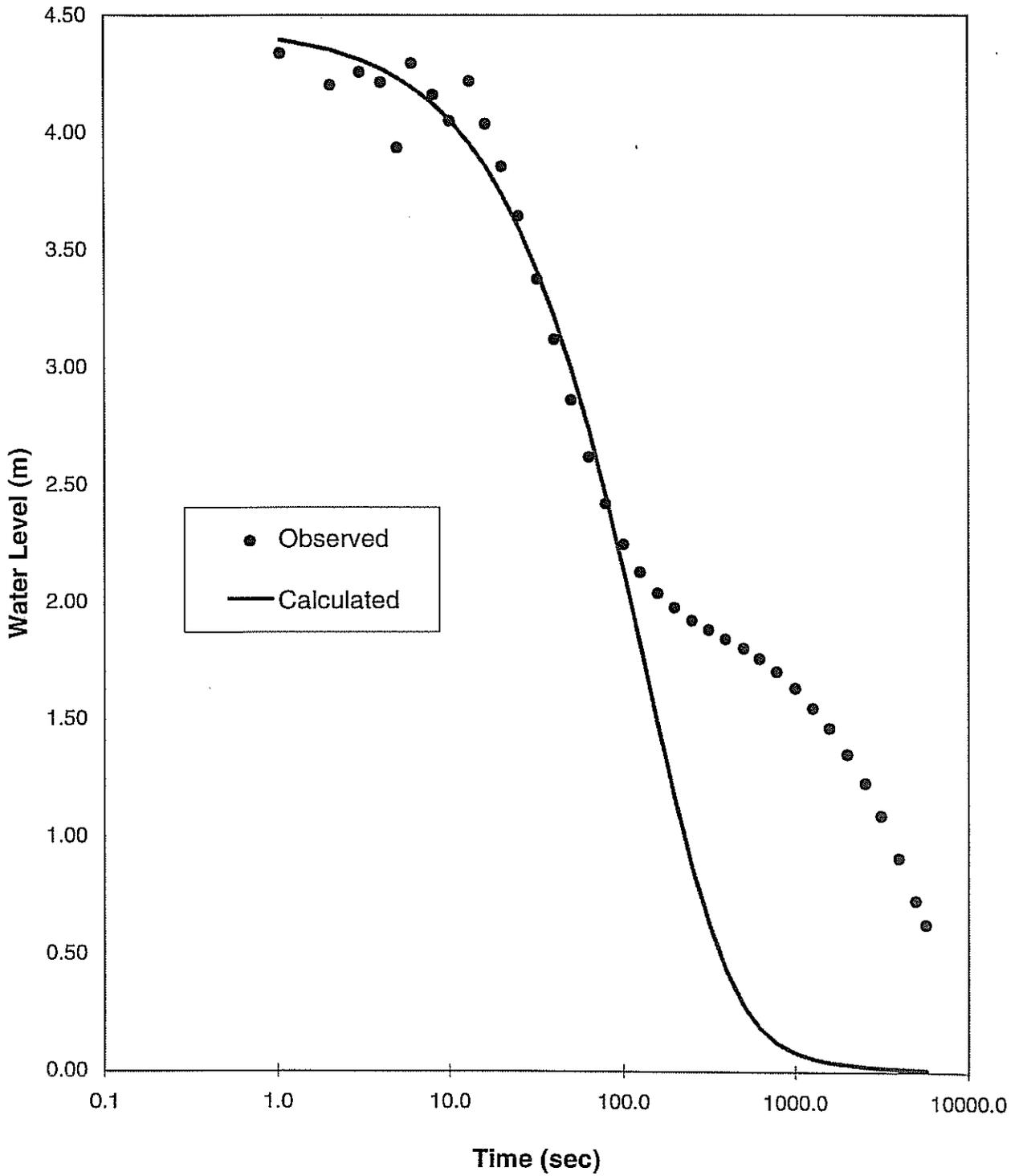
$K = 6.3 \times 10^{-7}$  [m/sec]



Slug Test at LBL, Well 37-94-9  
 $K = 7.7 \times 10^{-7}$  [m/sec]

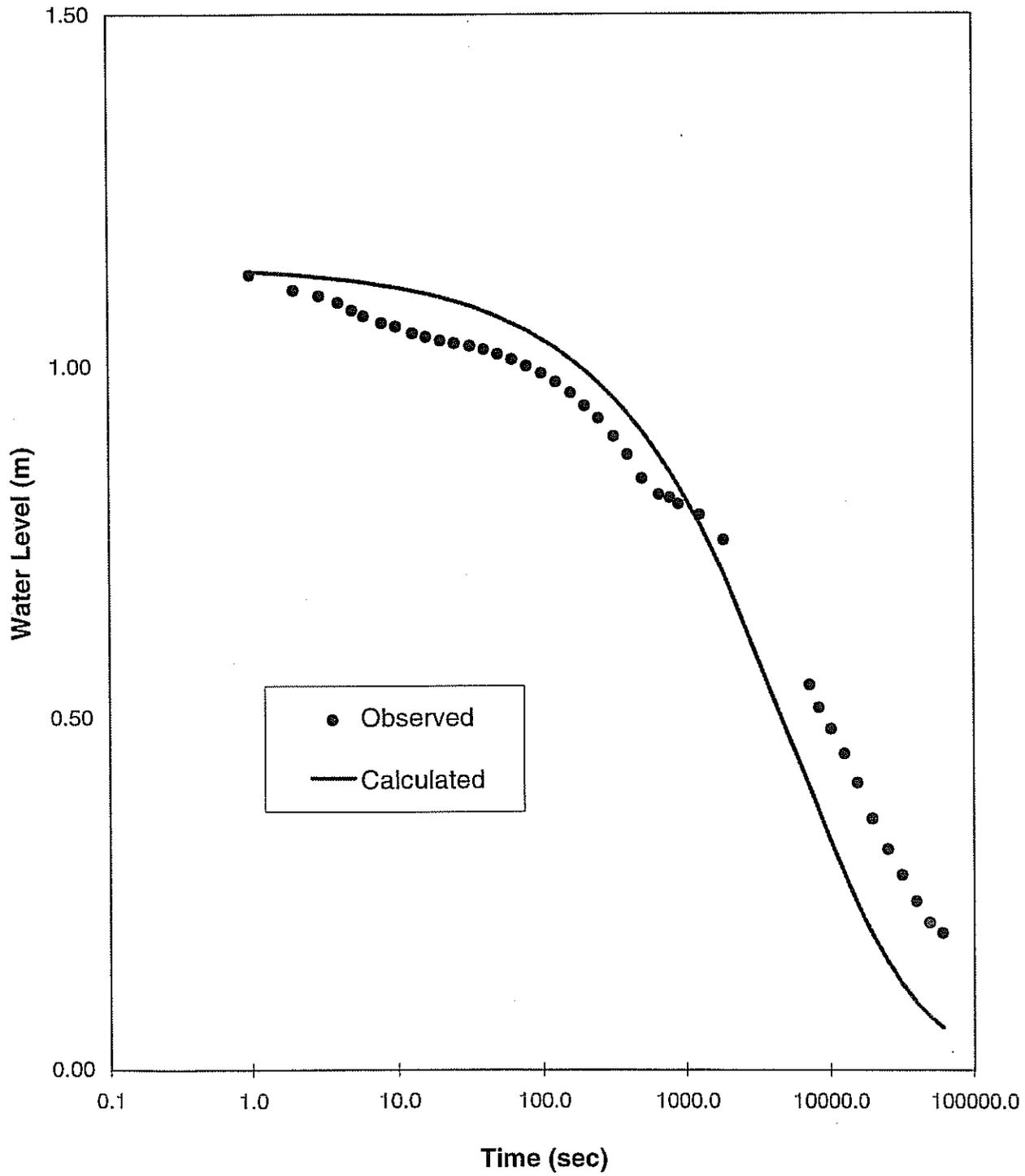


Slug Test at LBL, Well 52-94-10  
 $K = 2.0 \times 10^{-6}$  [m/sec]



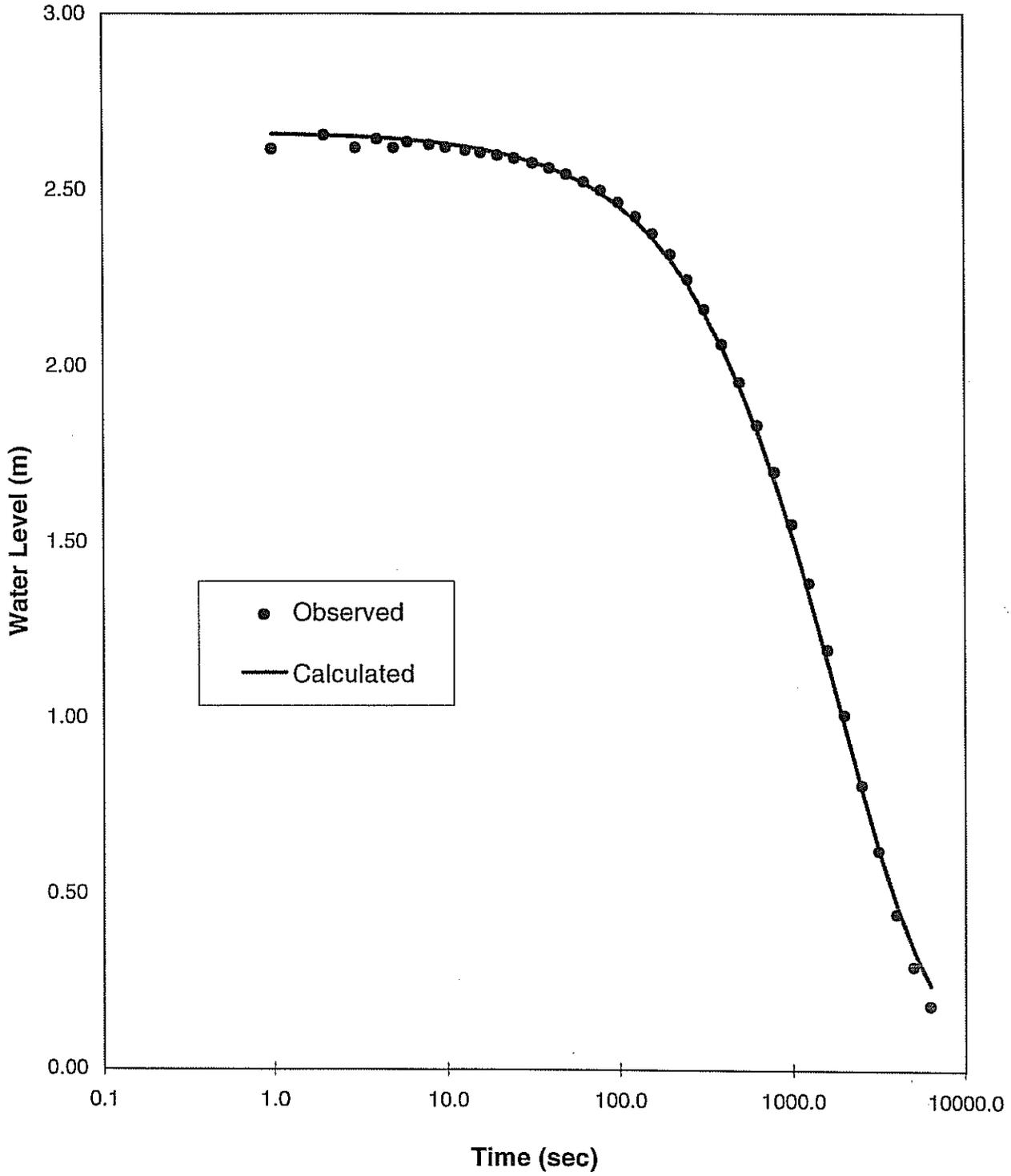
### Slug Test at LBL, Well 51-94-11

$$K = 1.8 \times 10^{-7} \text{ [m/sec]}$$



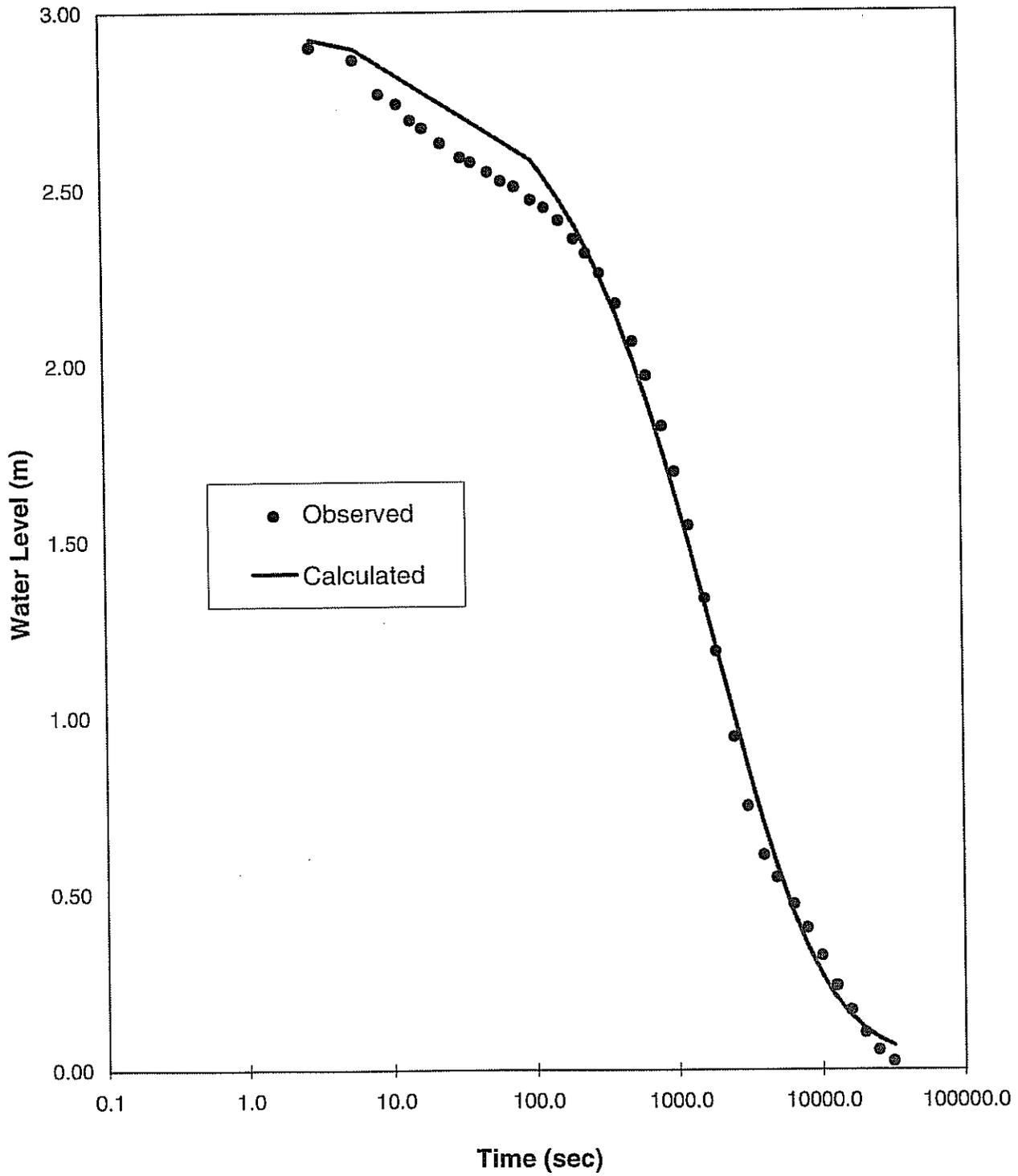
### Slug Test at LBL, Well 16-94-13

$$K = 2.4 \times 10^{-7} \text{ [m/sec]}$$



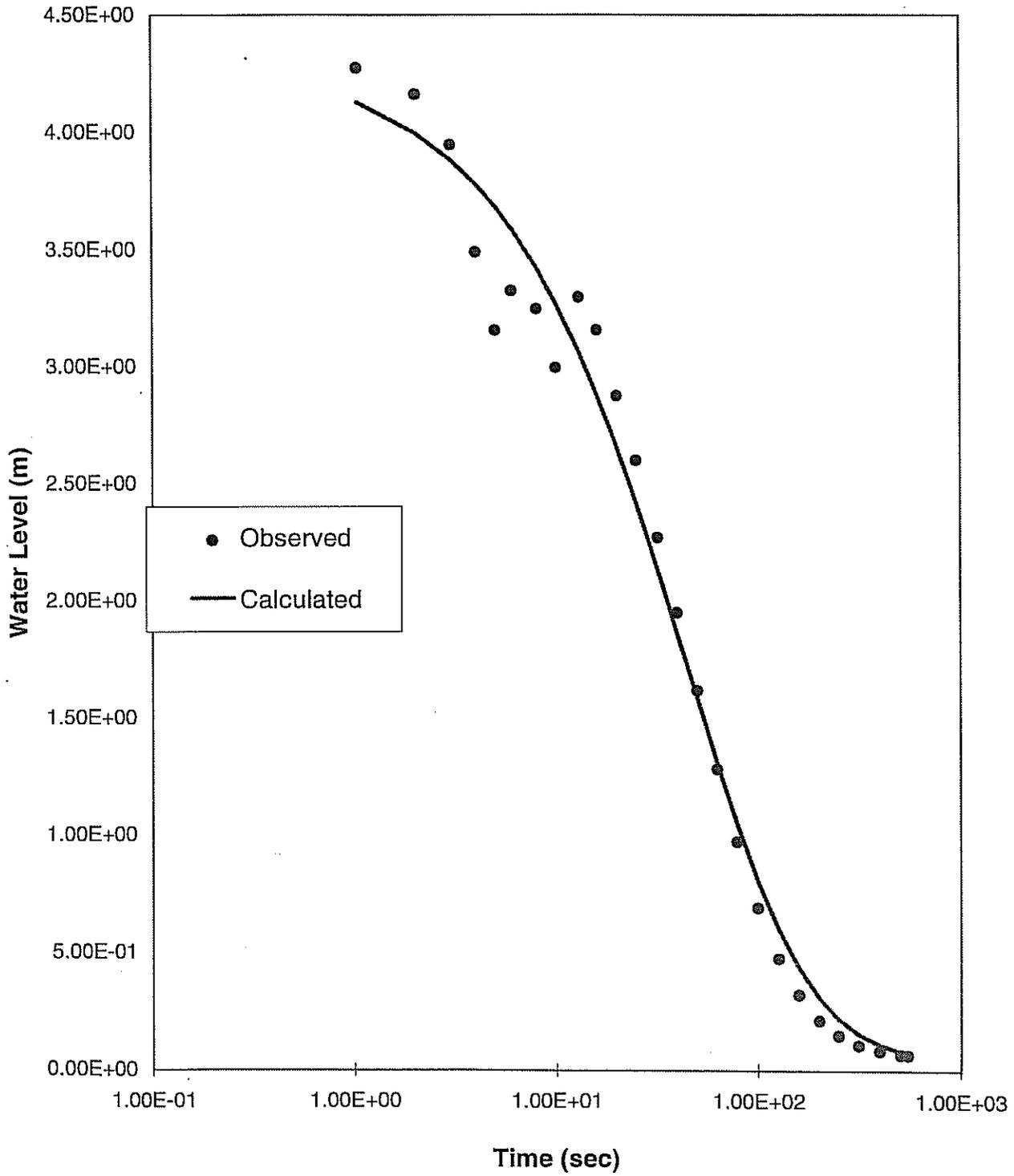
### Slug Test at LBL, Well 58A-94-14

$K = 4.6 \times 10^{-8}$  [m/sec]



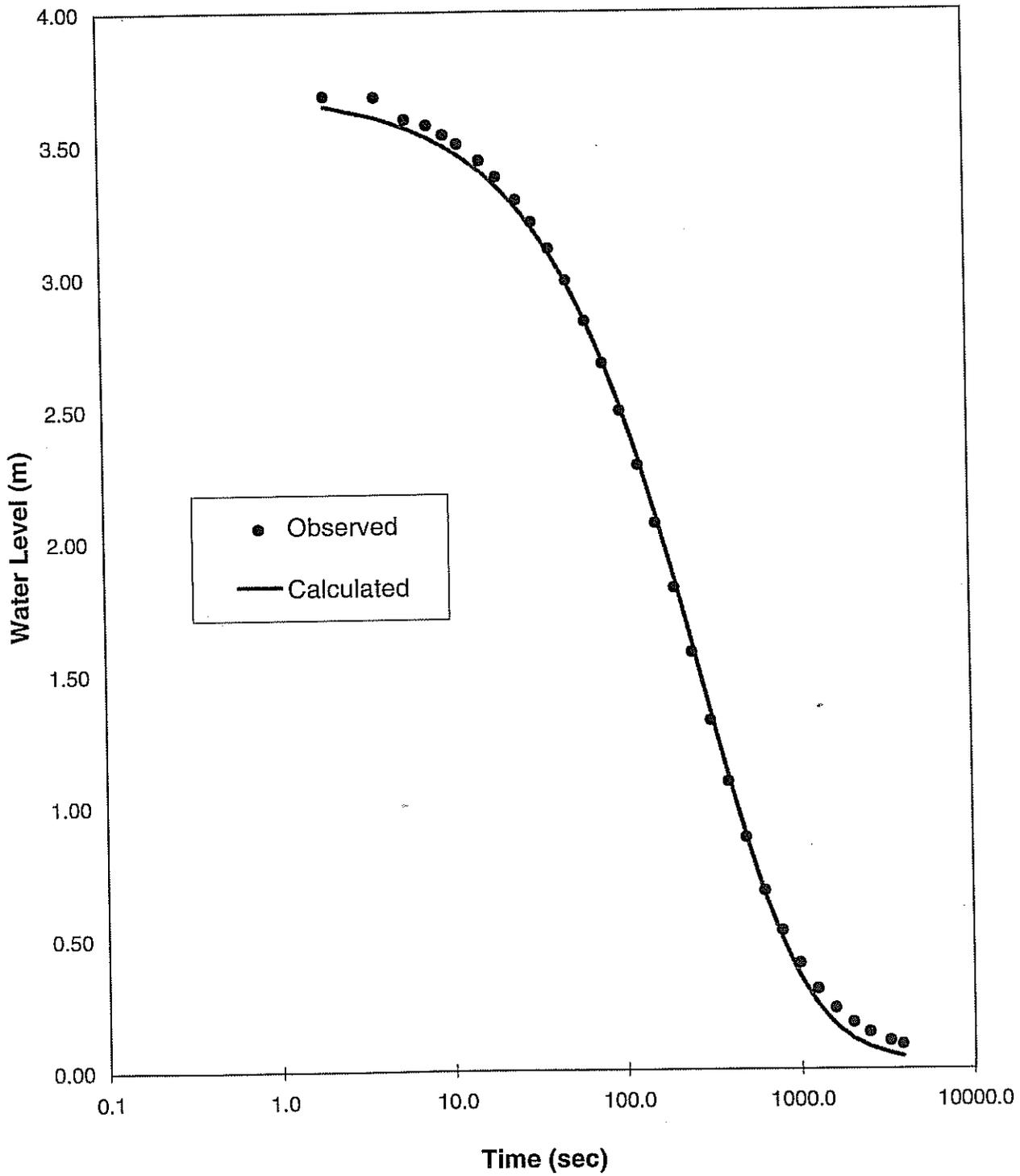
### Slug Test at LBL, Well 52-95-2b

$K = 1.6 \times 10^{-6}$  [m/sec]



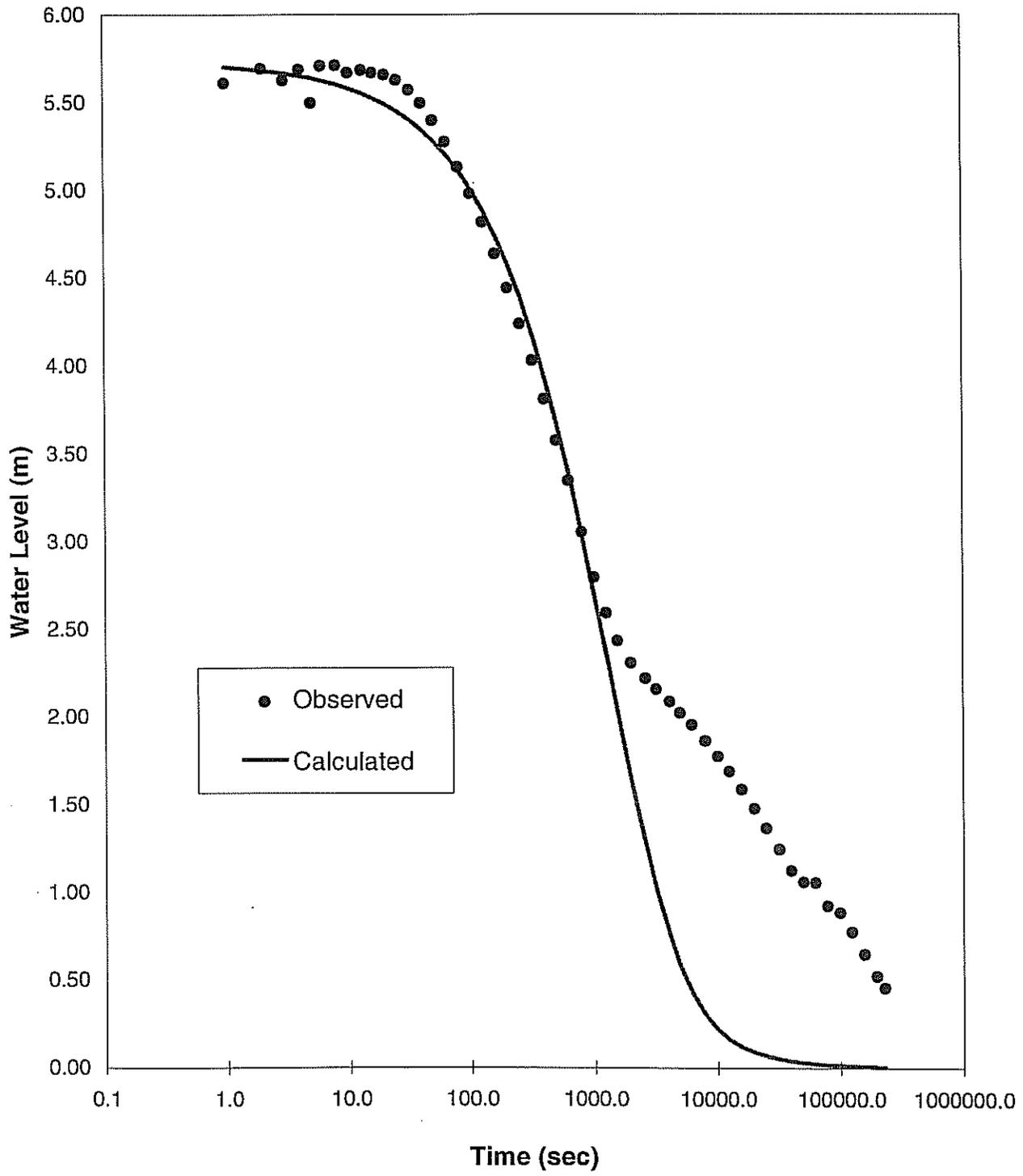
# Slug Test at LBL, Well 16-95-3

$$K_{\text{Coop}} = 7.2 \times 10^{-7} \text{ [m/sec]}$$



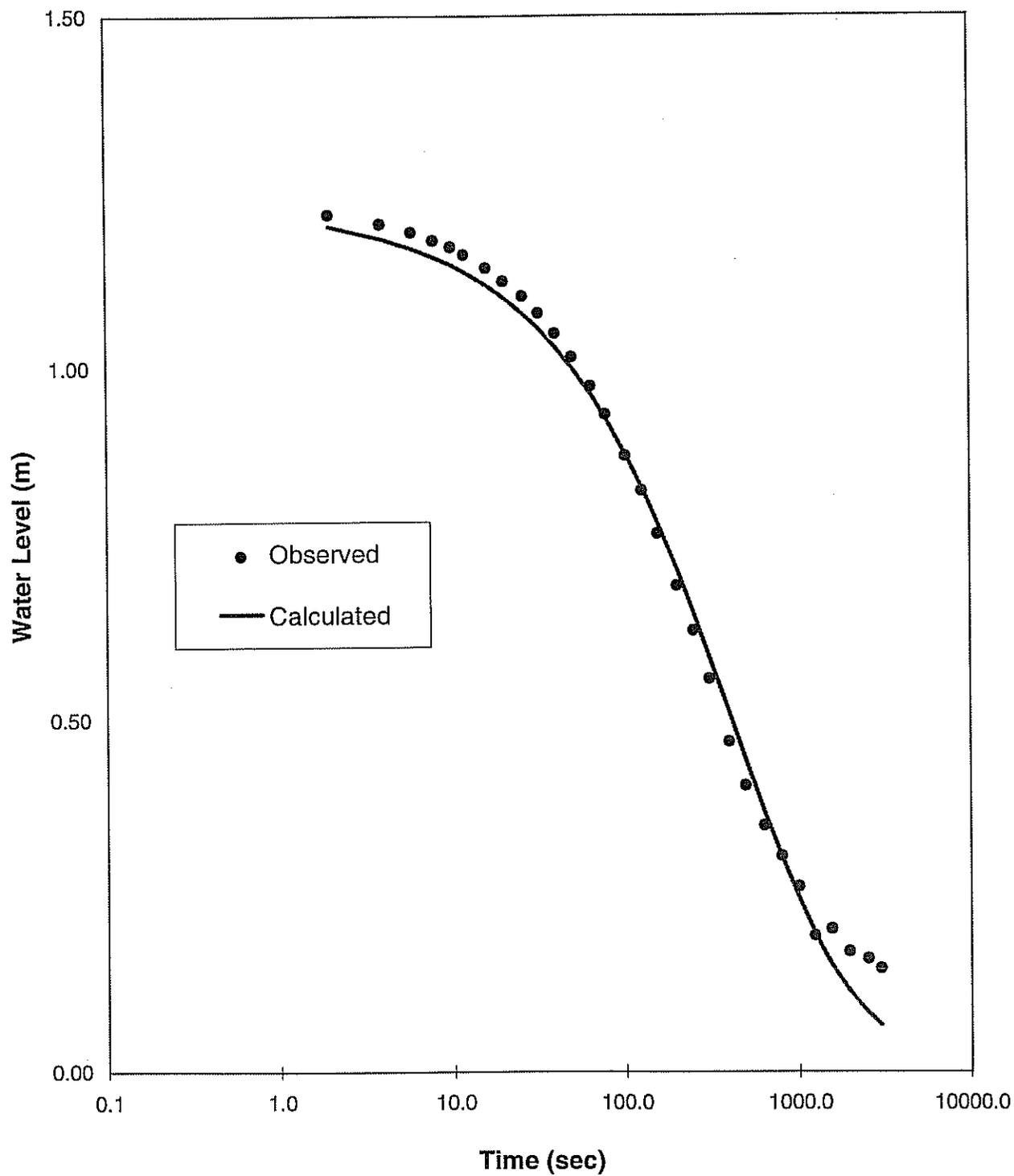
### Slug Test at LBL, Well 25A-95-4

$$K = 8.6 \times 10^{-8} \text{ [m/sec]}$$

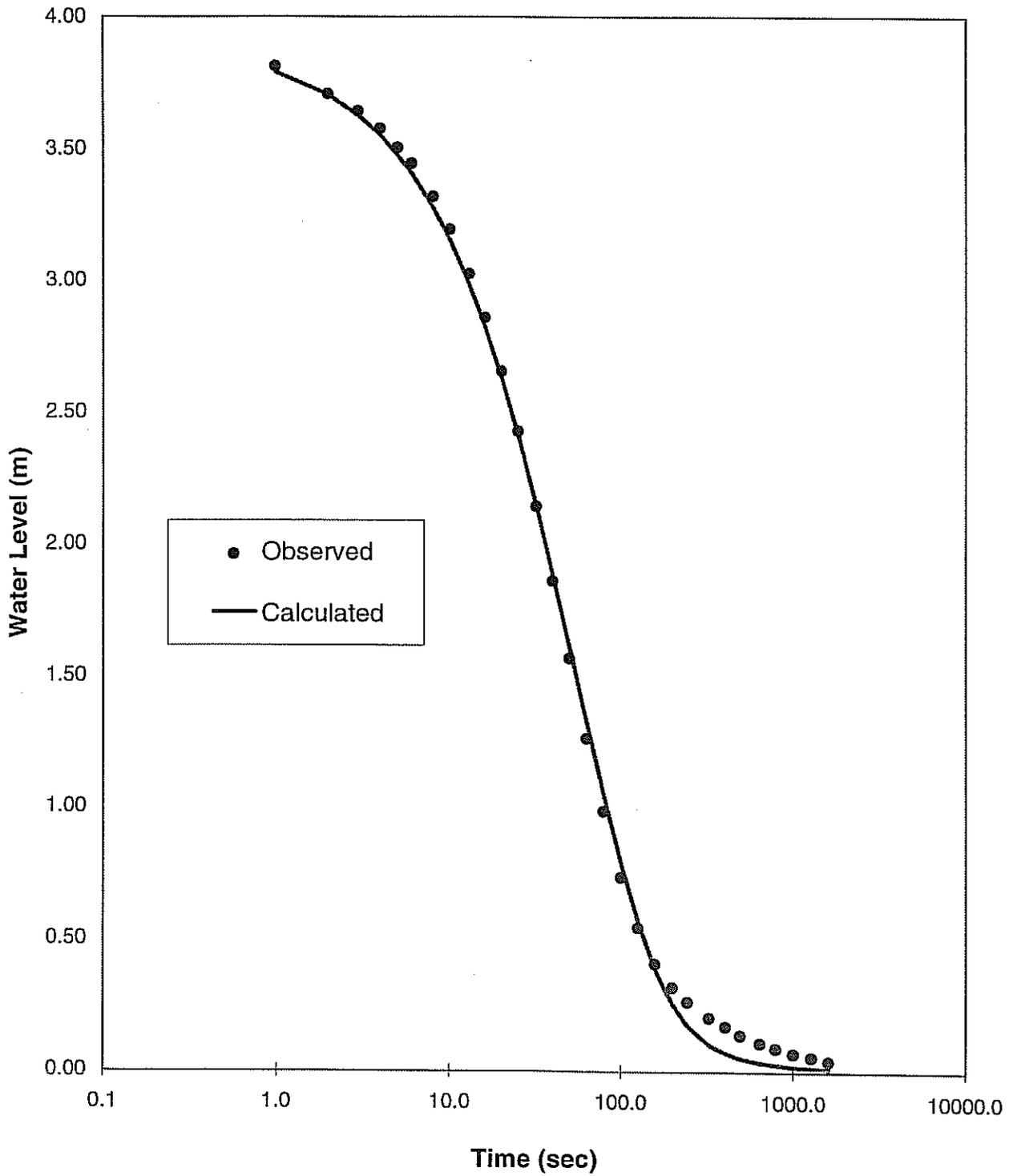


### Slug Test at LBL, Well 83-95-7

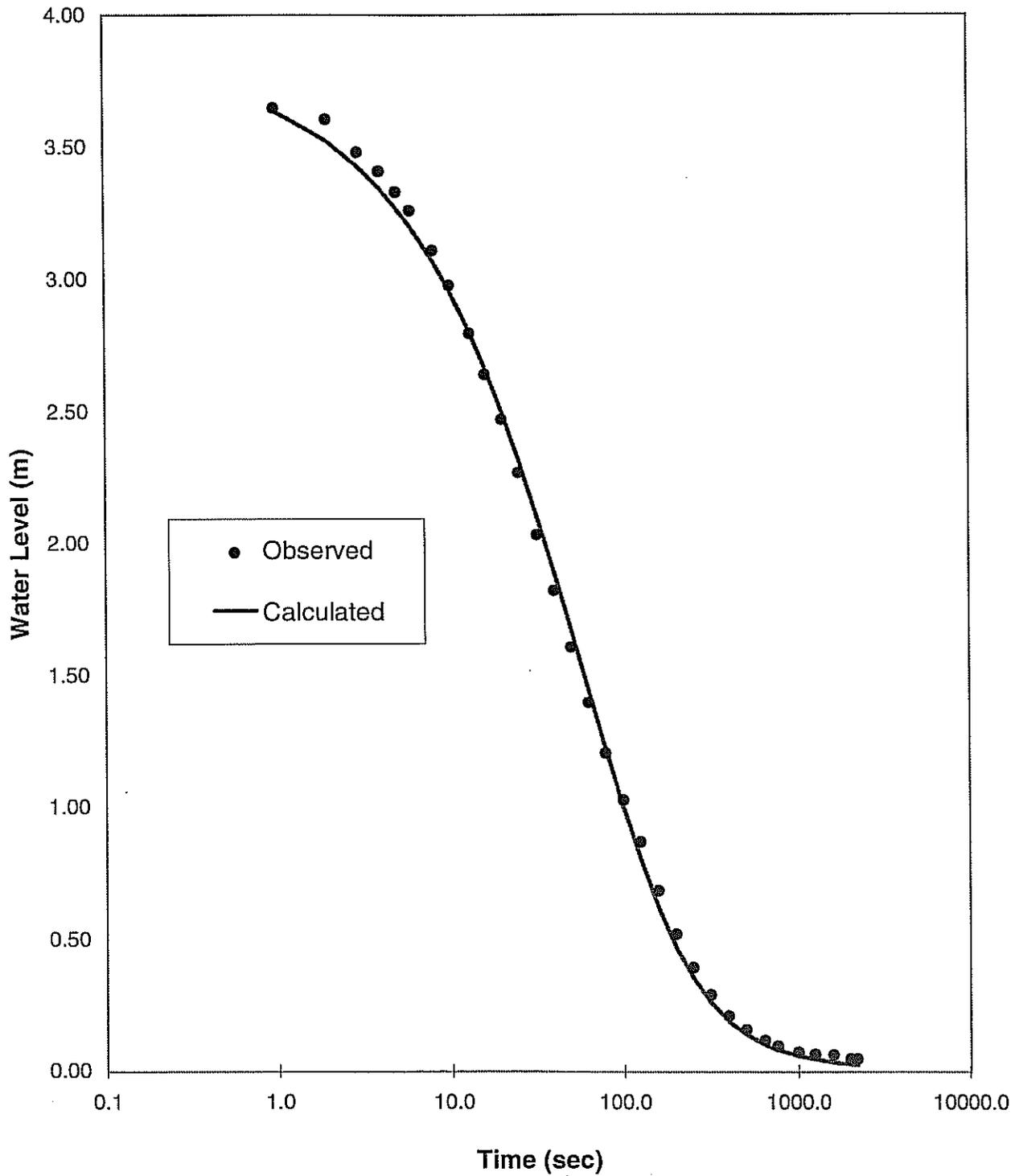
$$K = 3.0 \times 10^{-6} \text{ [m/sec]}$$



Slug Test at LBL, Well 71-95-8  
 $K = 5.9 \times 10^{-6}$  [m/sec]

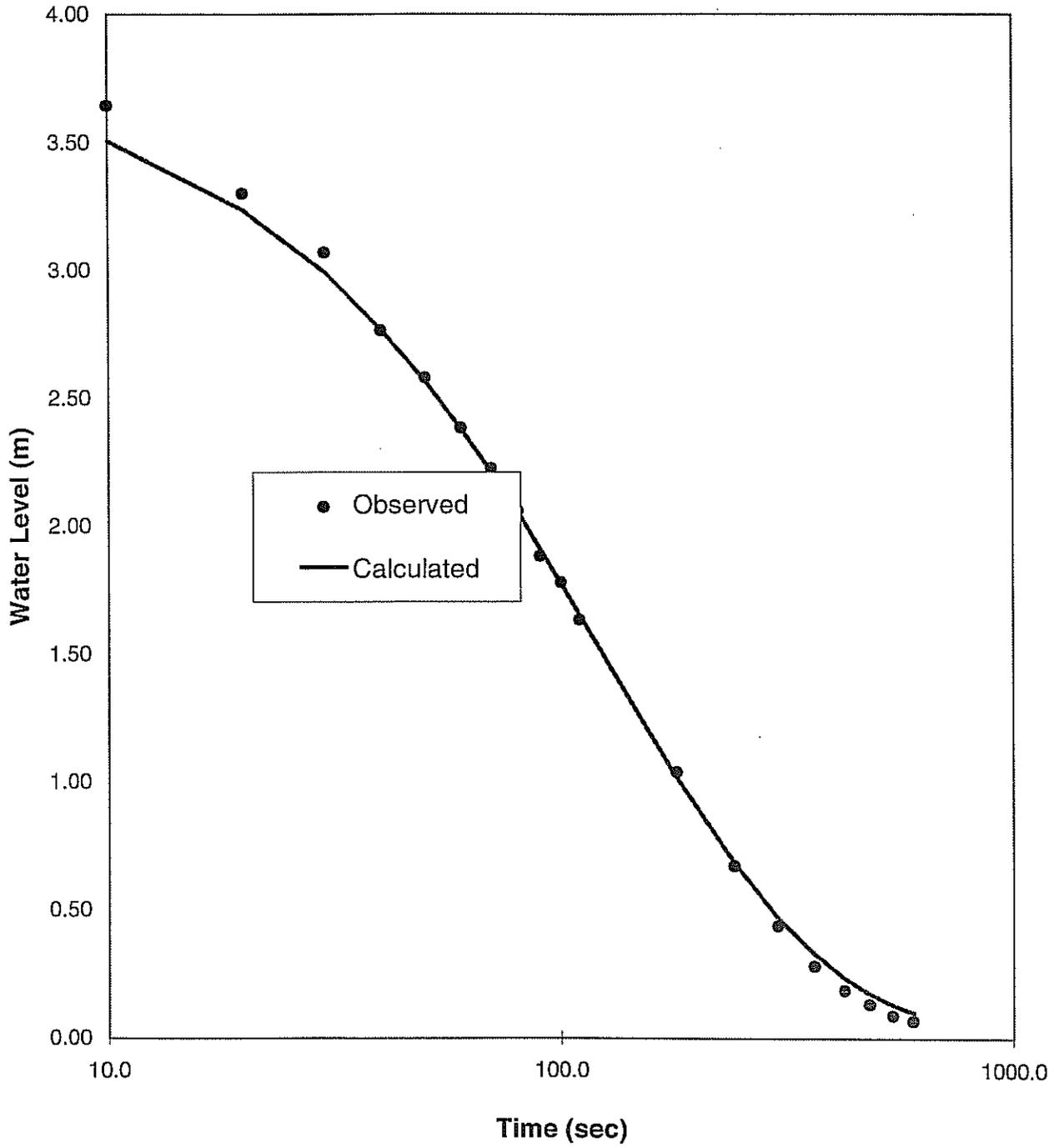


Slug Test at LBL, Well 71-95-9  
 $K = 2.8 \times 10^{-6}$  [m/sec]

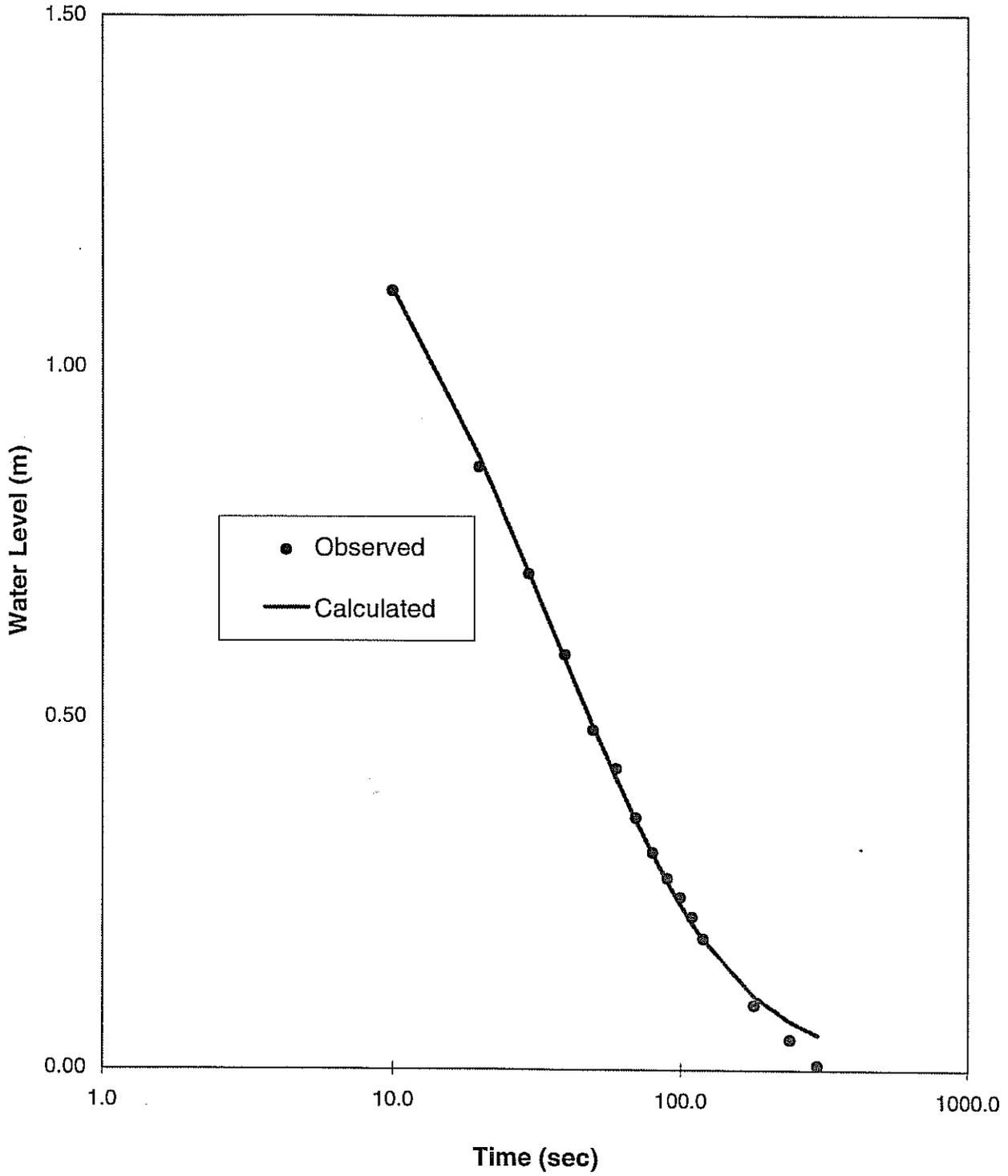


### Slug Test at LBL, Well 53-95-12

$$K = 9.2 \times 10^{-7} \text{ [m/sec]}$$

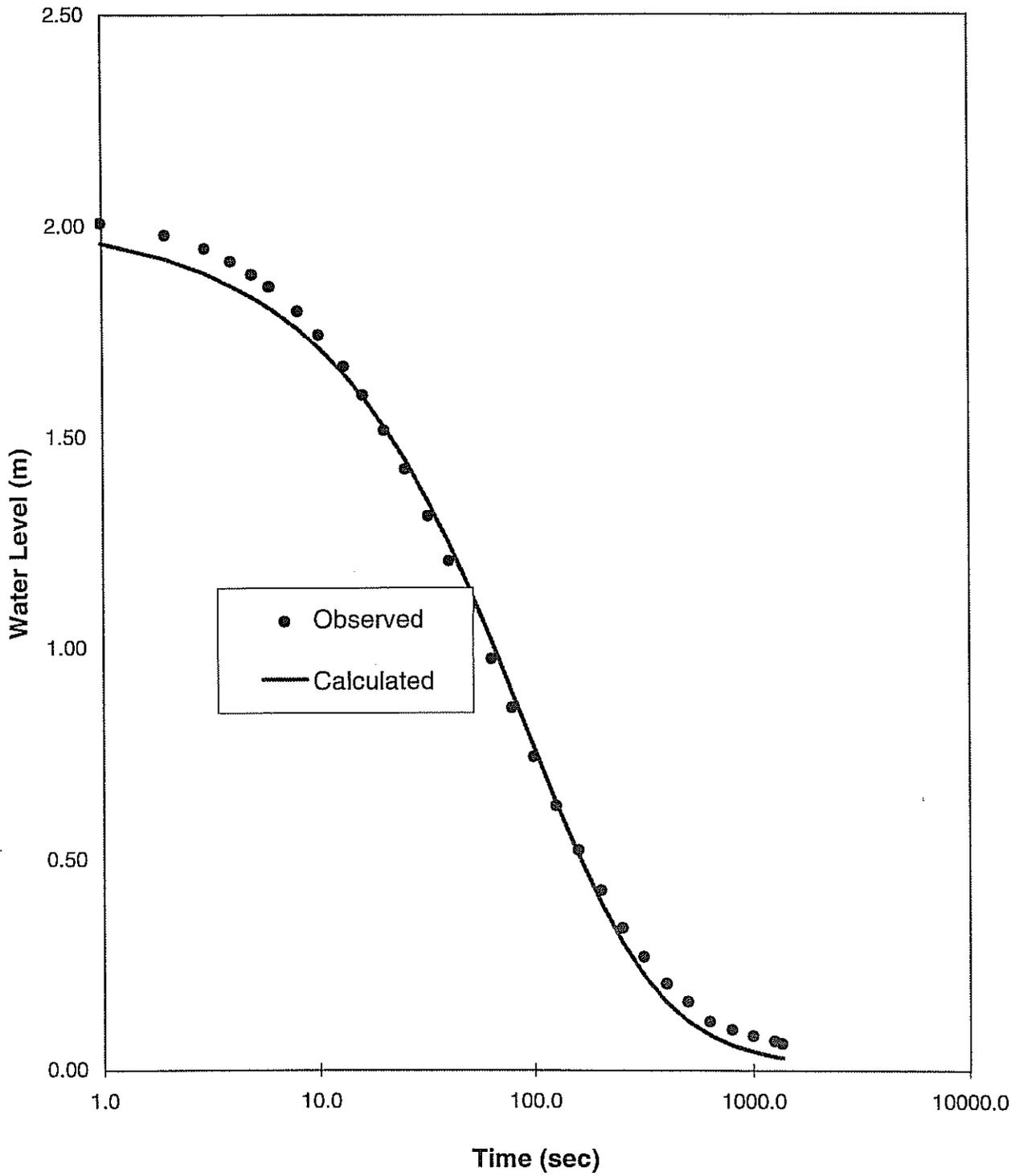


Slug Test at LBL, Well 52B-95-13  
 $K = 1.2 \times 10^{-6}$  [m/sec]



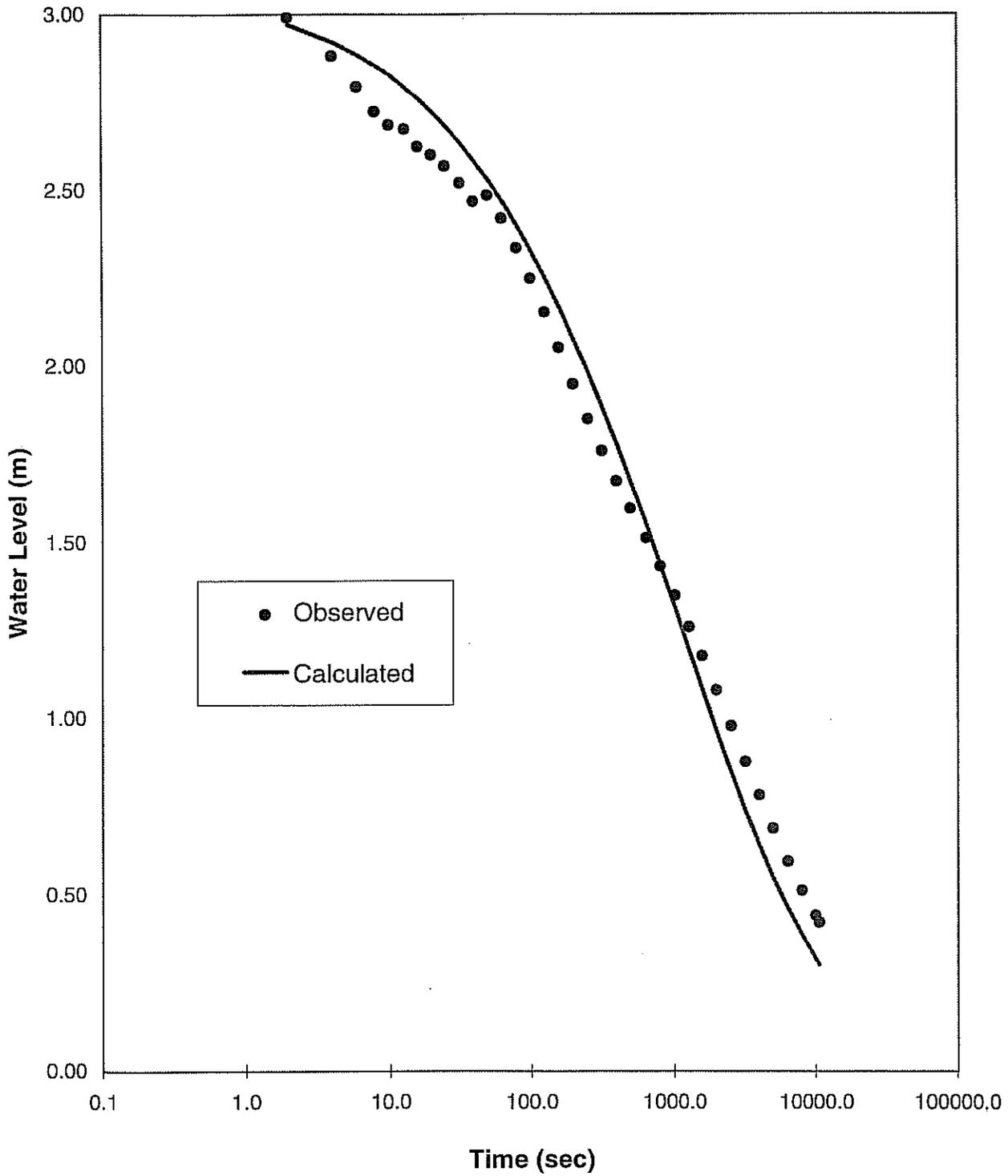
# Slug Test at LBL, Well 6-95-14

$$K = 2.8 \times 10^{-6} \text{ [m/sec]}$$

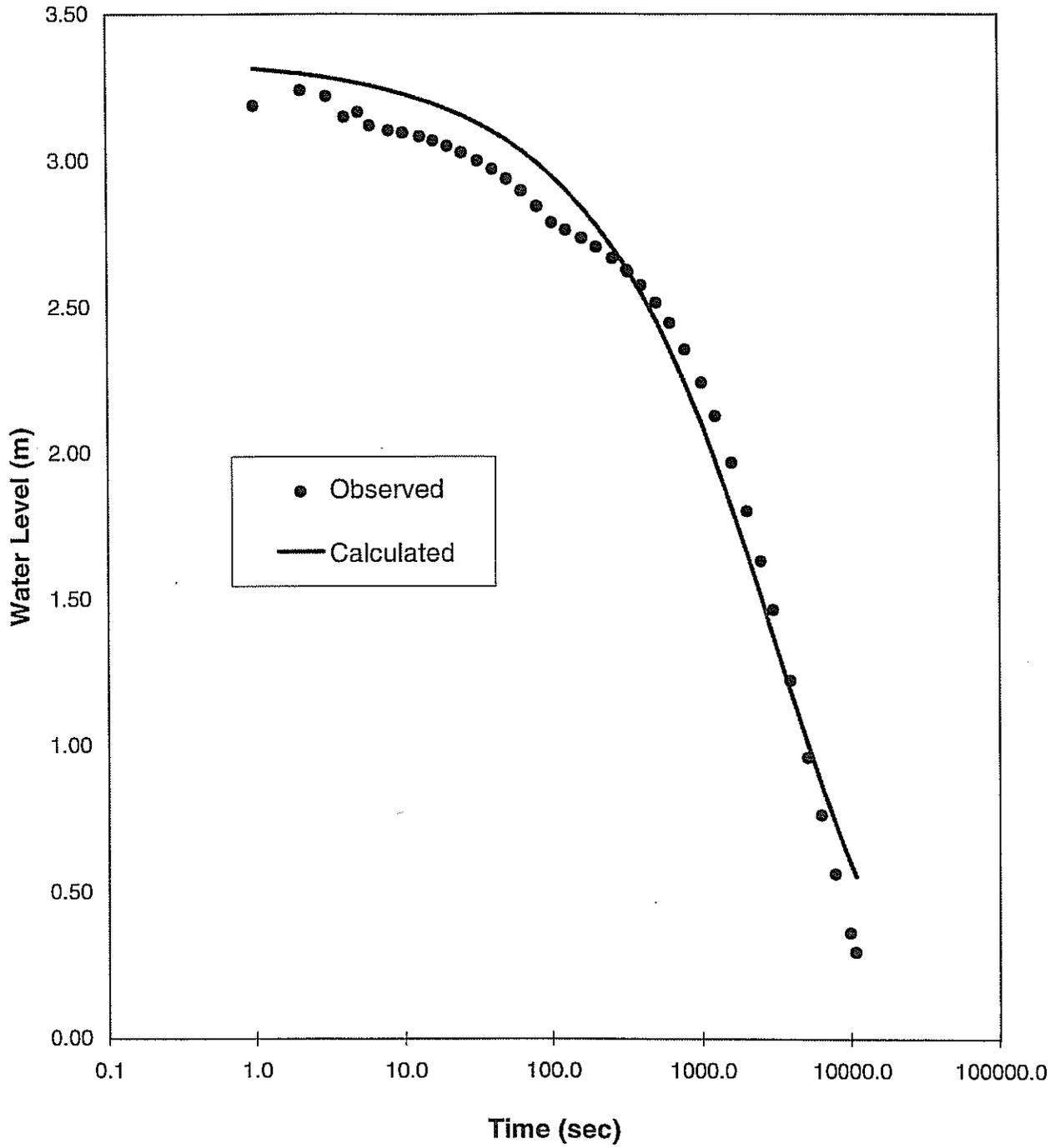


### Slug Test at LBL, Well 25A-95-15

$$K = 1.7 \times 10^{-8} \text{ [m/sec]}$$

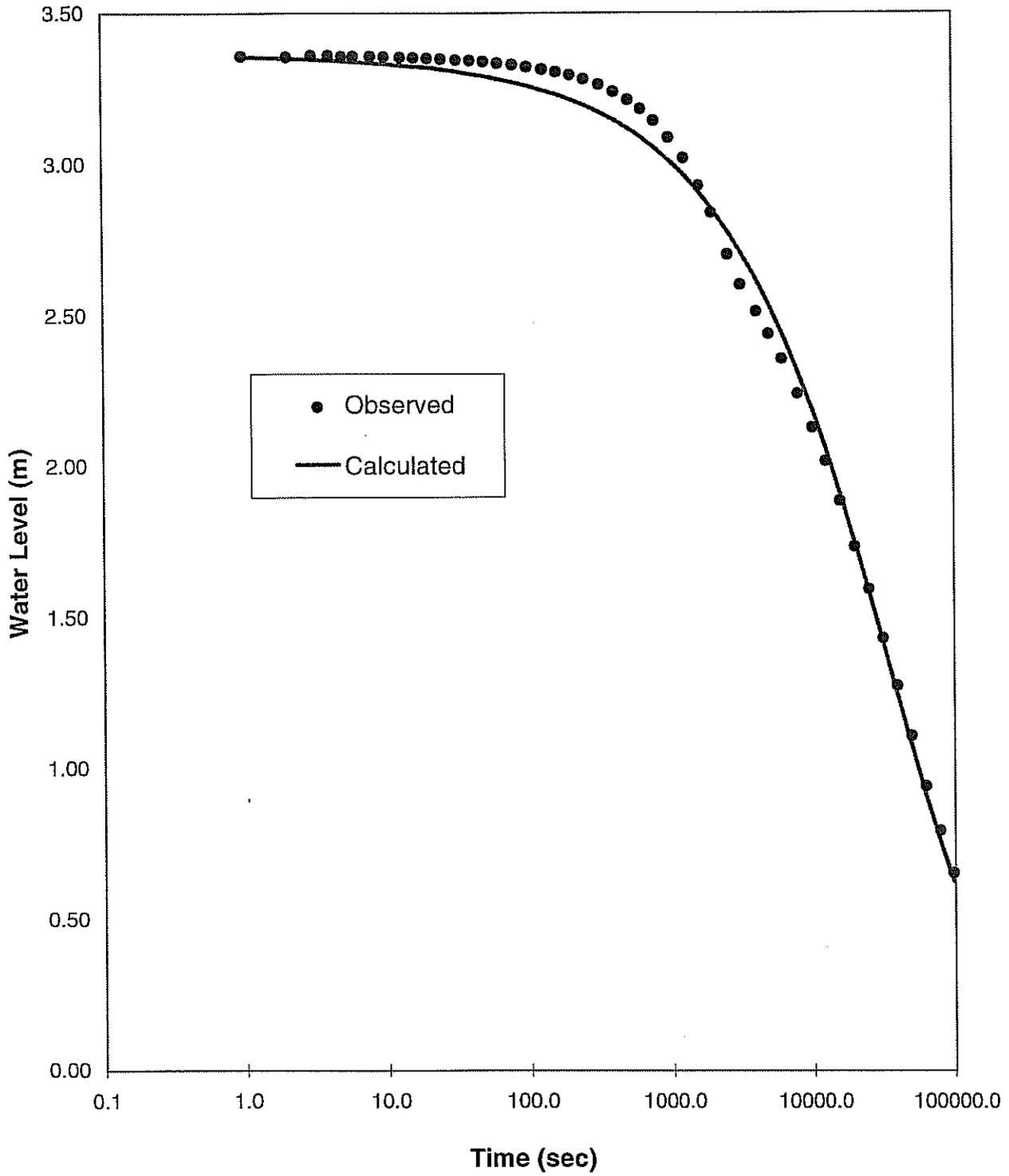


Slug Test at LBL, Well 58-95-20  
 $K = 1.7 \times 10^{-8}$  [m/sec]



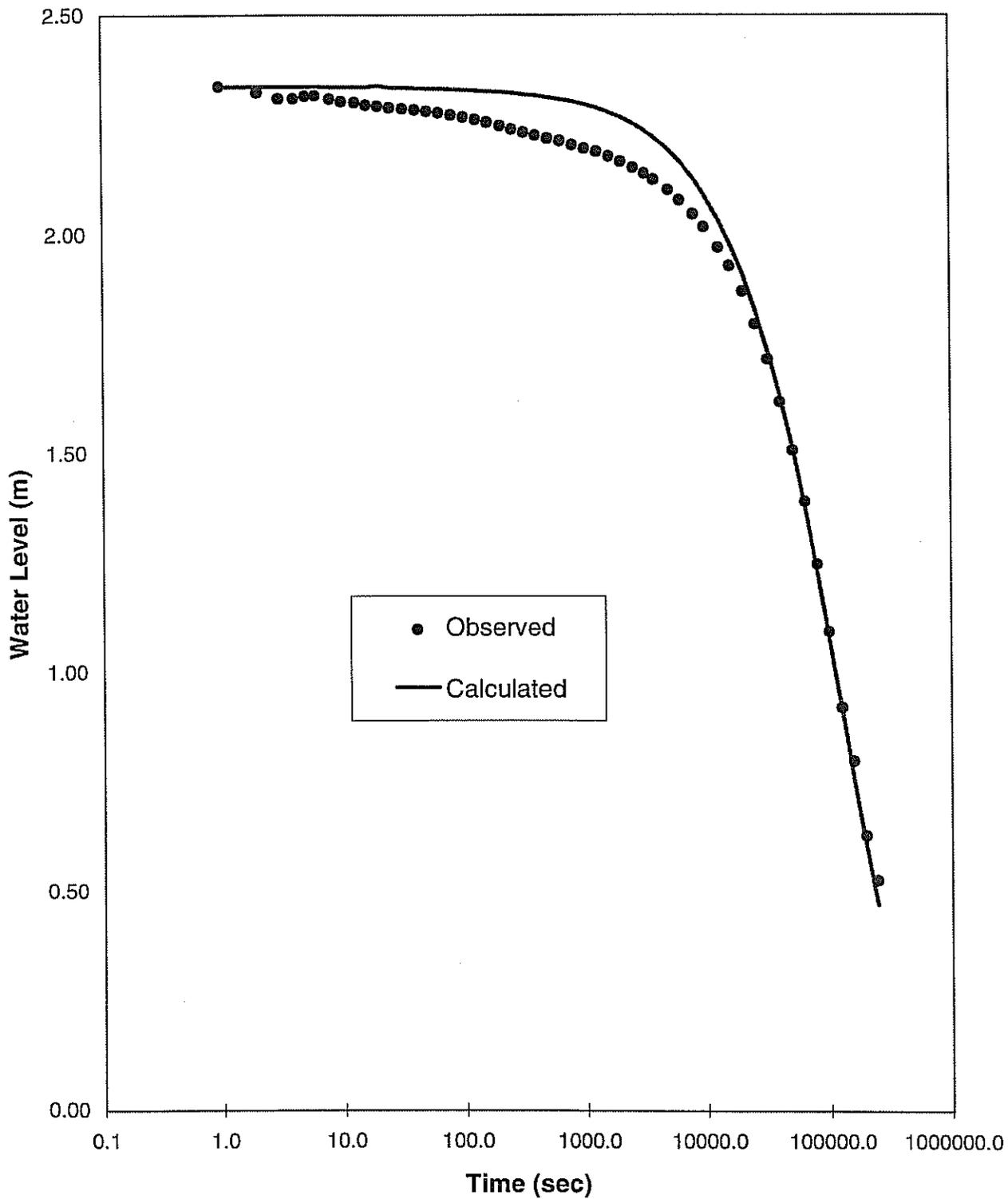
### Slug Test at LBL, Well 7B-95-21

$$K = 1.4 \times 10^{-9} \text{ [m/sec]}$$

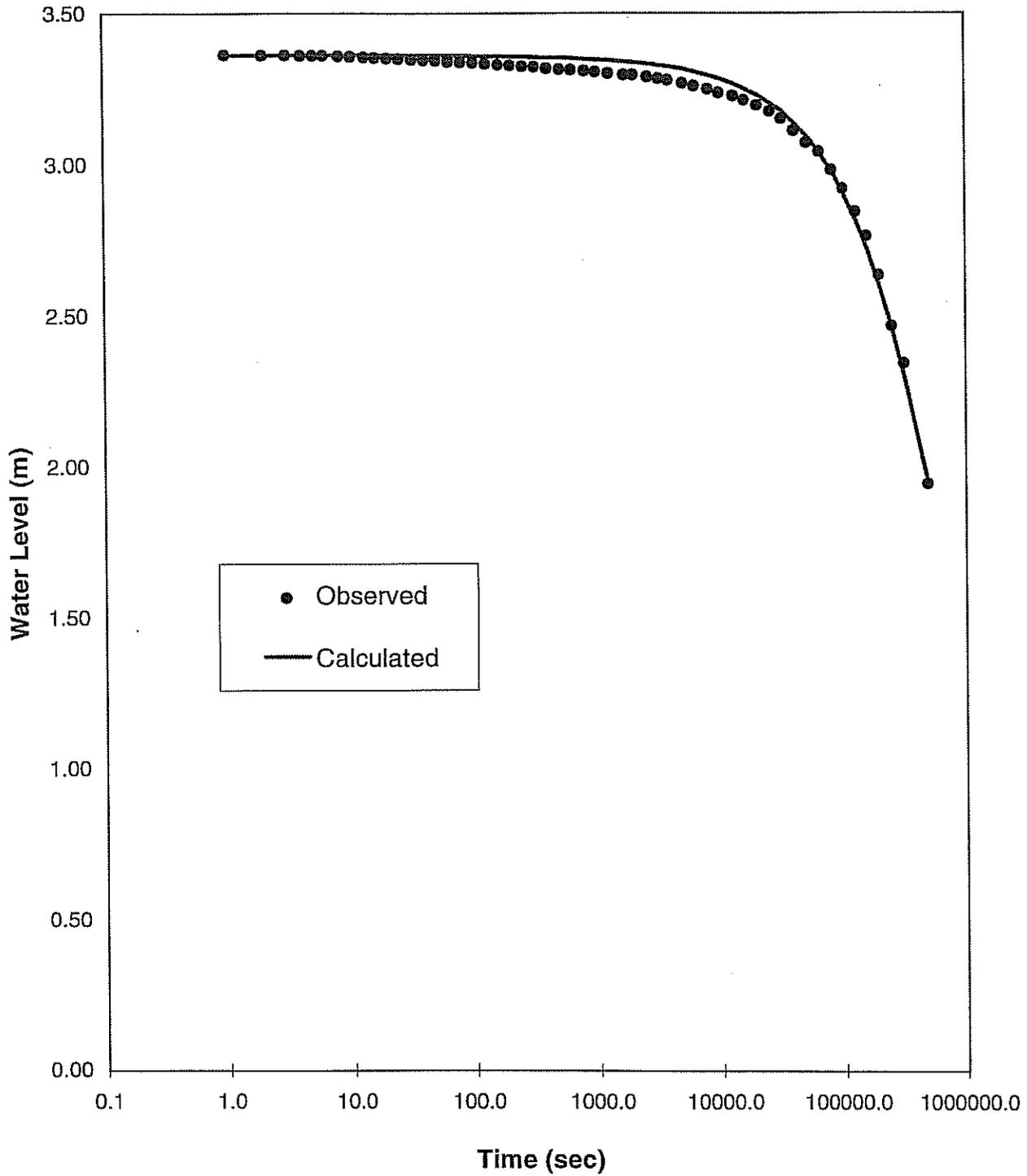


### Slug Test at LBL, Well 7-95-22

$$K = 1.7 \times 10^{-8} \text{ [m/sec]}$$

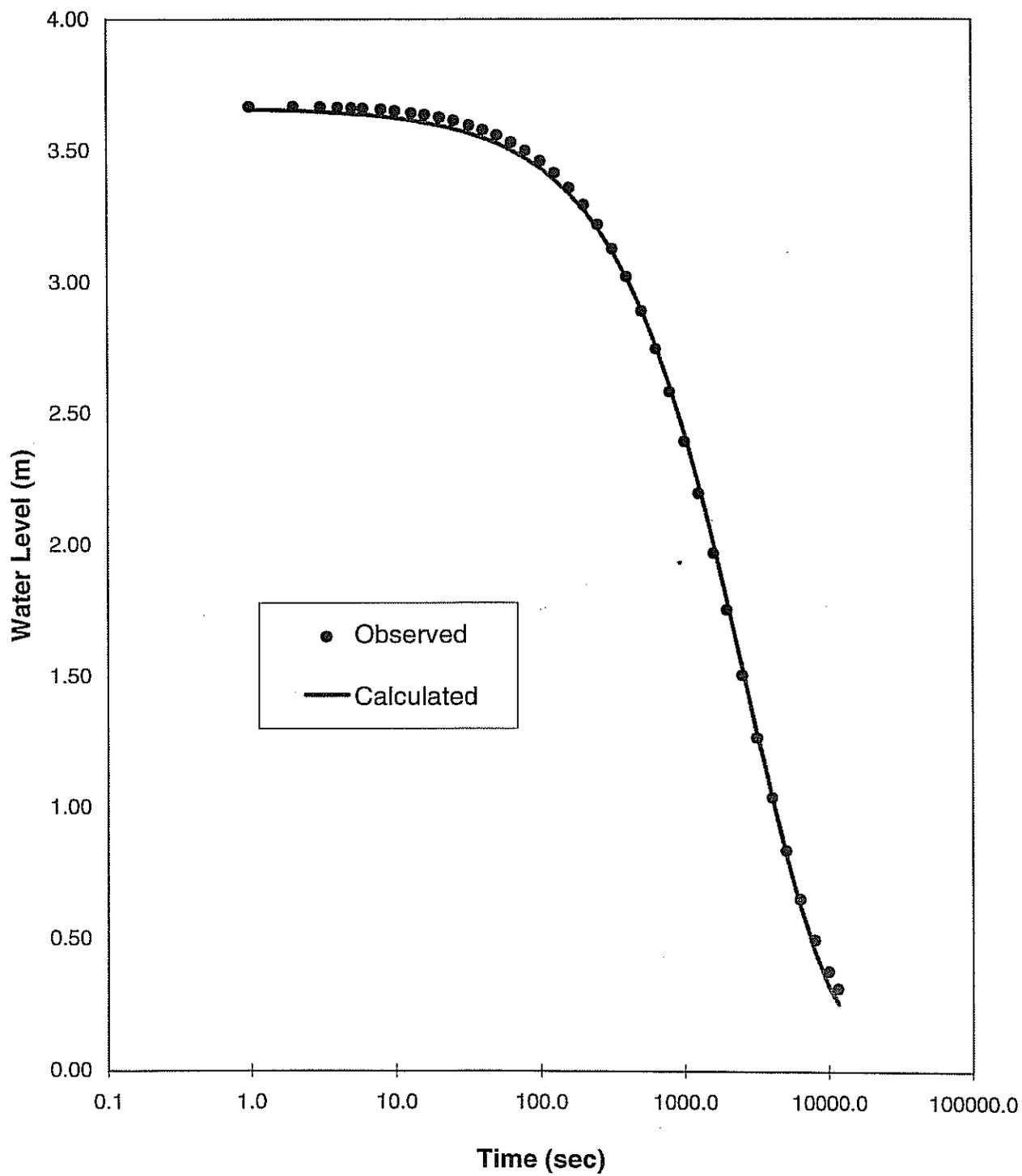


Slug Test at LBL, Well 7-95-23  
 $K = 1.3 \times 10^{-9}$  [m/sec]



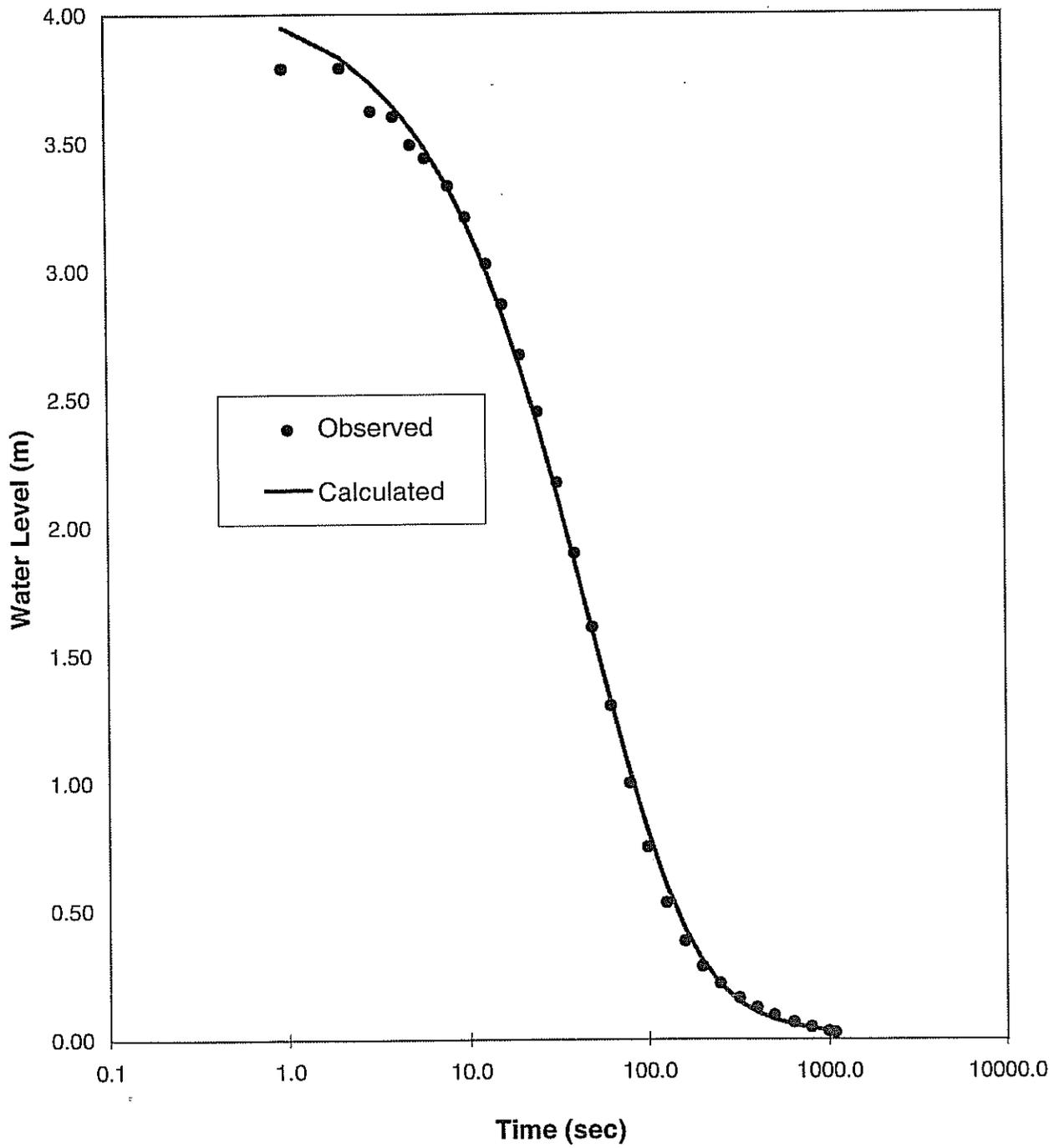
### Slug Test at LBL, Well 7B-95-24

$K = 2.4 \times 10^{-7}$  [m/sec]

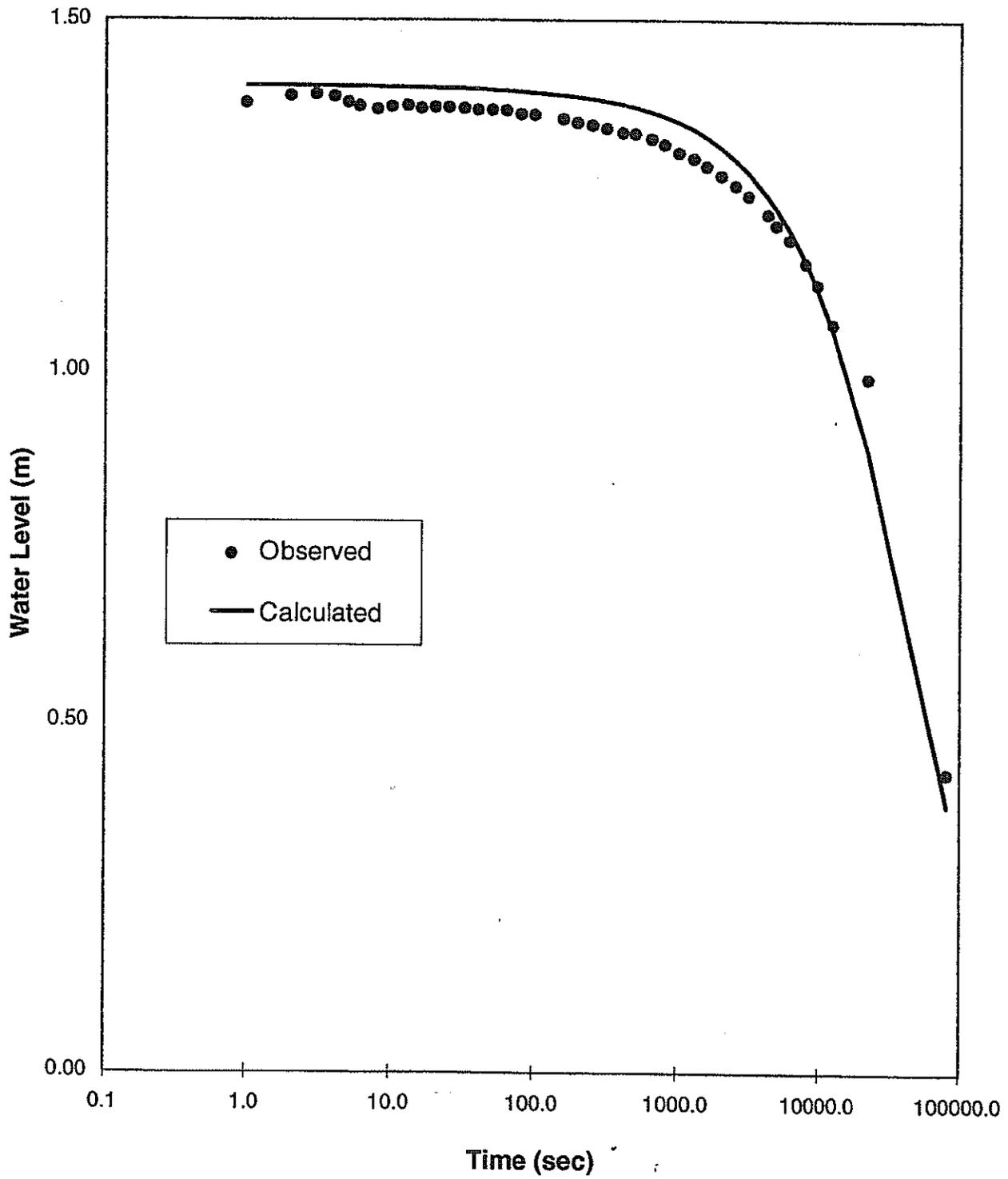


### Slug Test at LBL, Well 7B-95-25

$$K = 3.8 \times 10^{-6} \text{ [m/sec]}$$

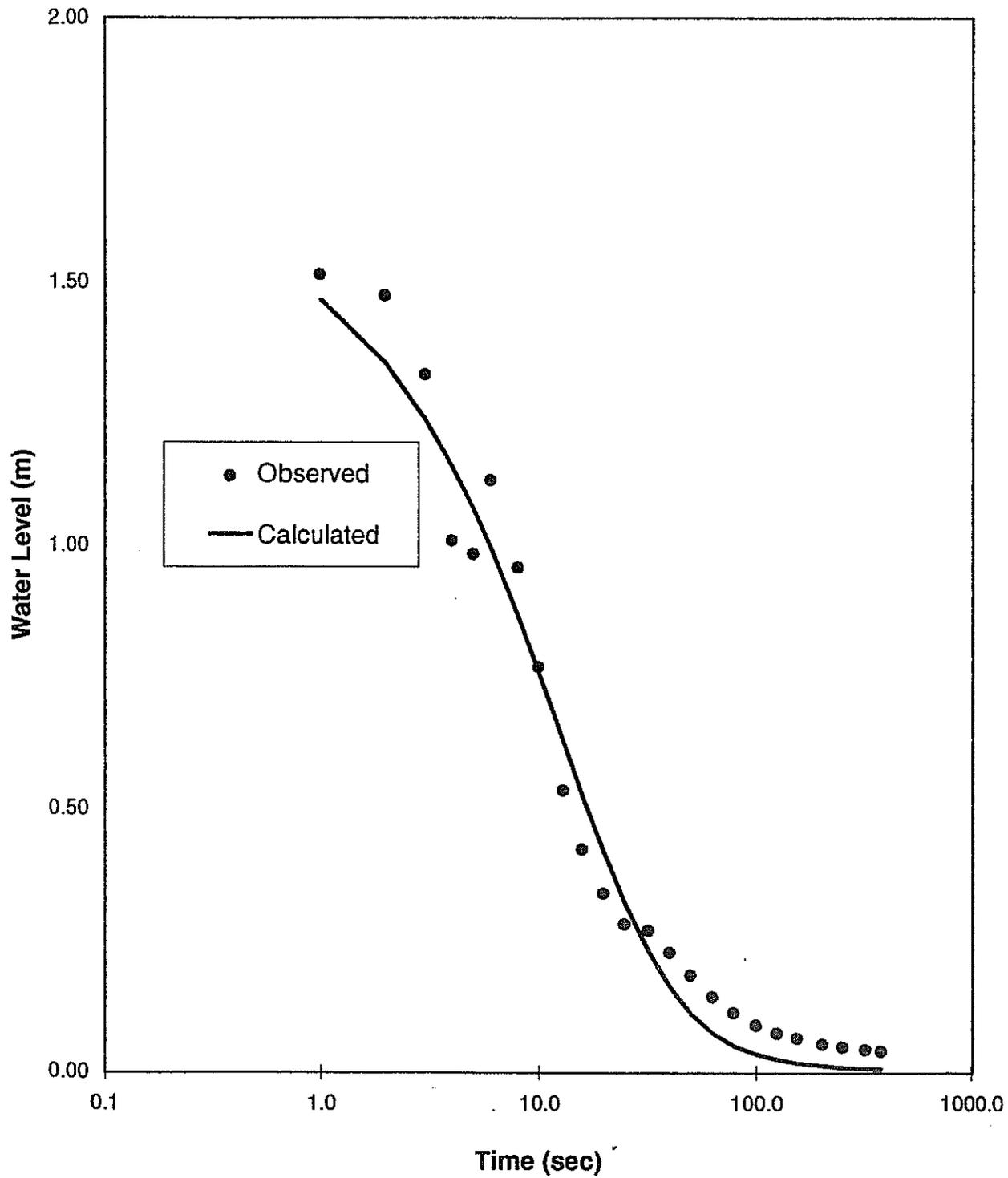


Slug Test at LBL, Well 51-96-3  
 $K = 2.4 \times 10^{-8}$  [m/sec]



# Slug Test at LBL, Well 88-96-4

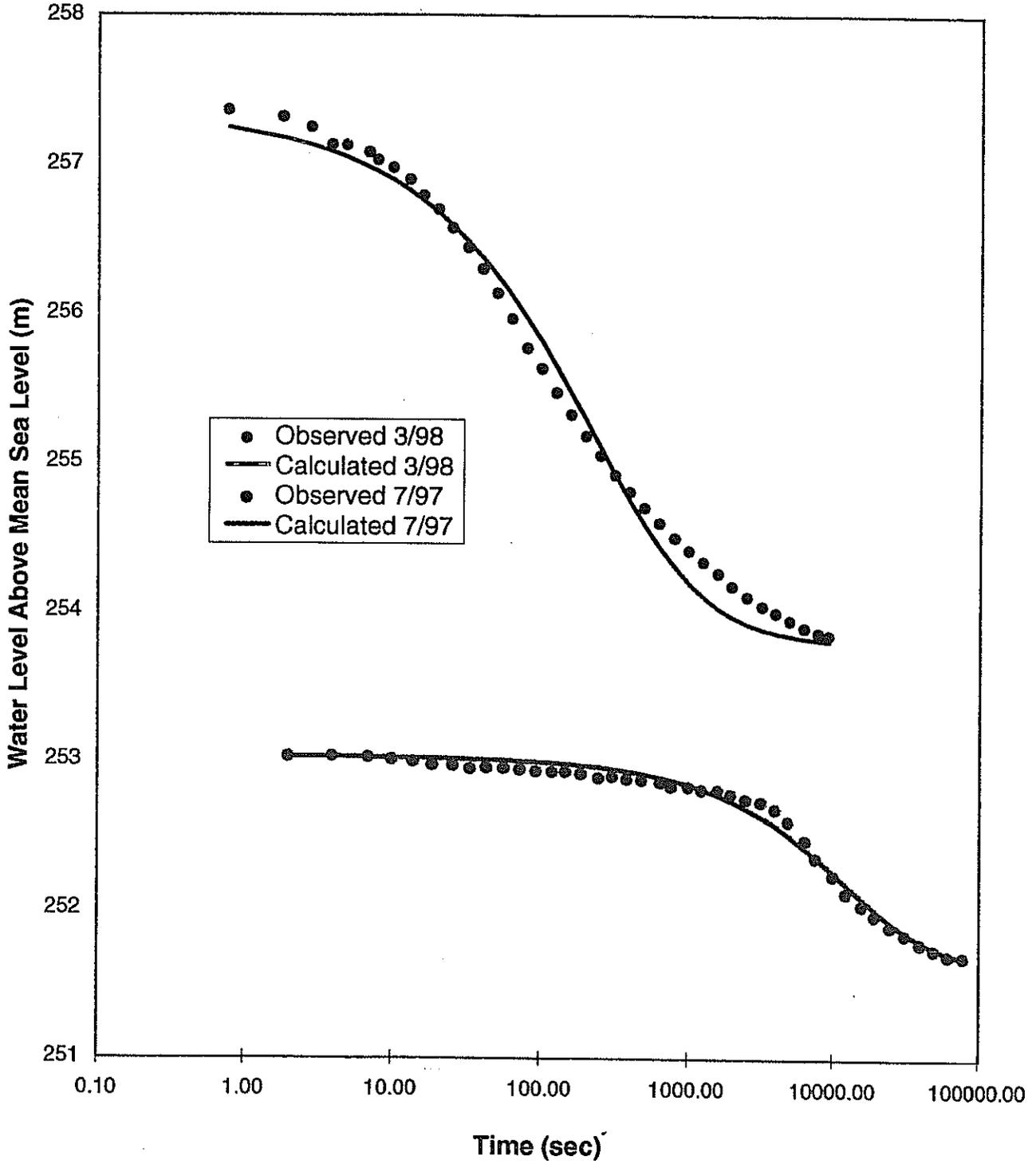
$$K = 1.9 \times 10^{-5} \text{ [m/sec]}$$



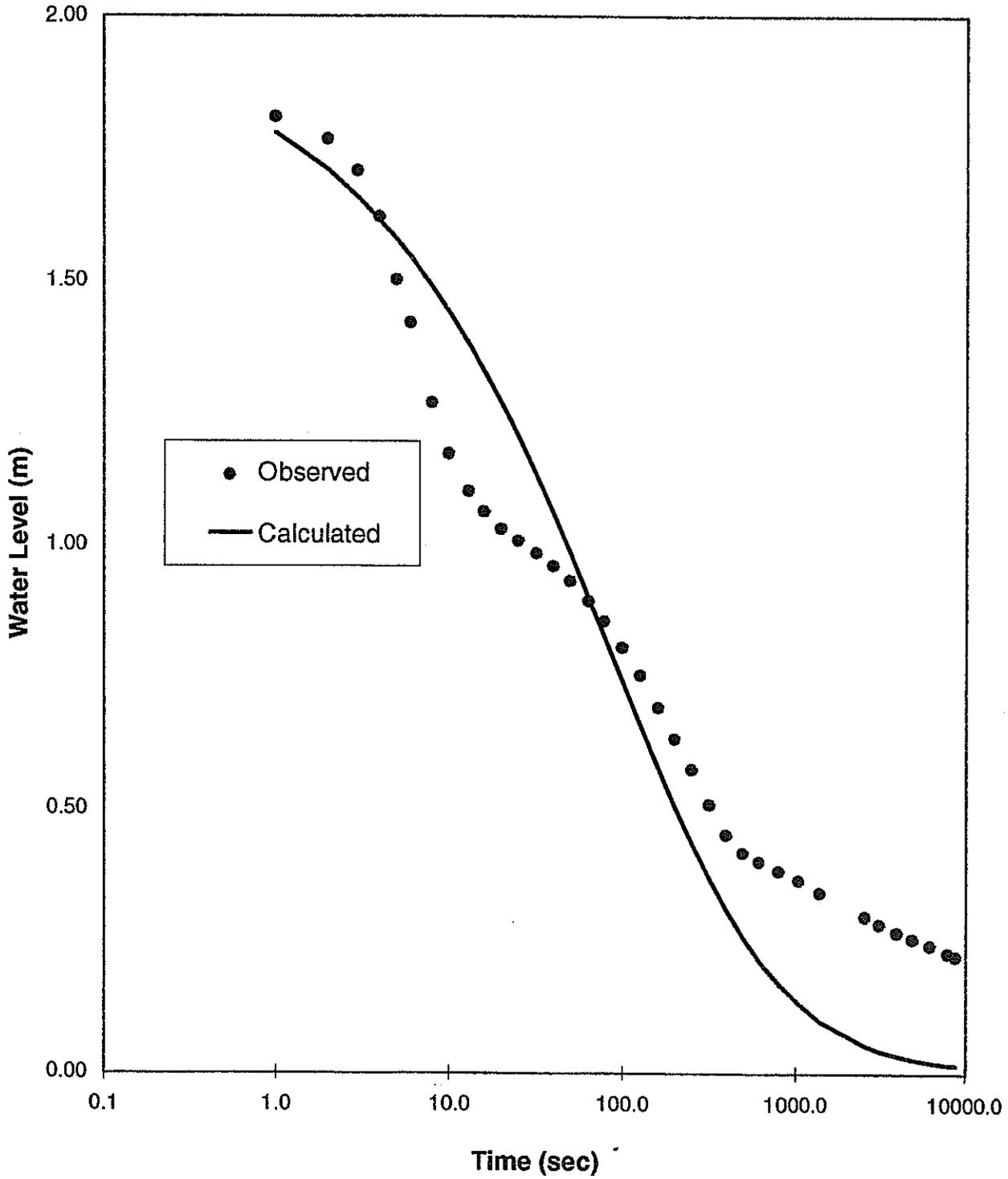
### Slug Tests at LBL, Well 58-96-11

$$K_{3/98} = 1.1 \times 10^{-8} \text{ [m/sec]}$$

$$K_{7/97} = 3.0 \times 10^{-7} \text{ [m/sec]}$$

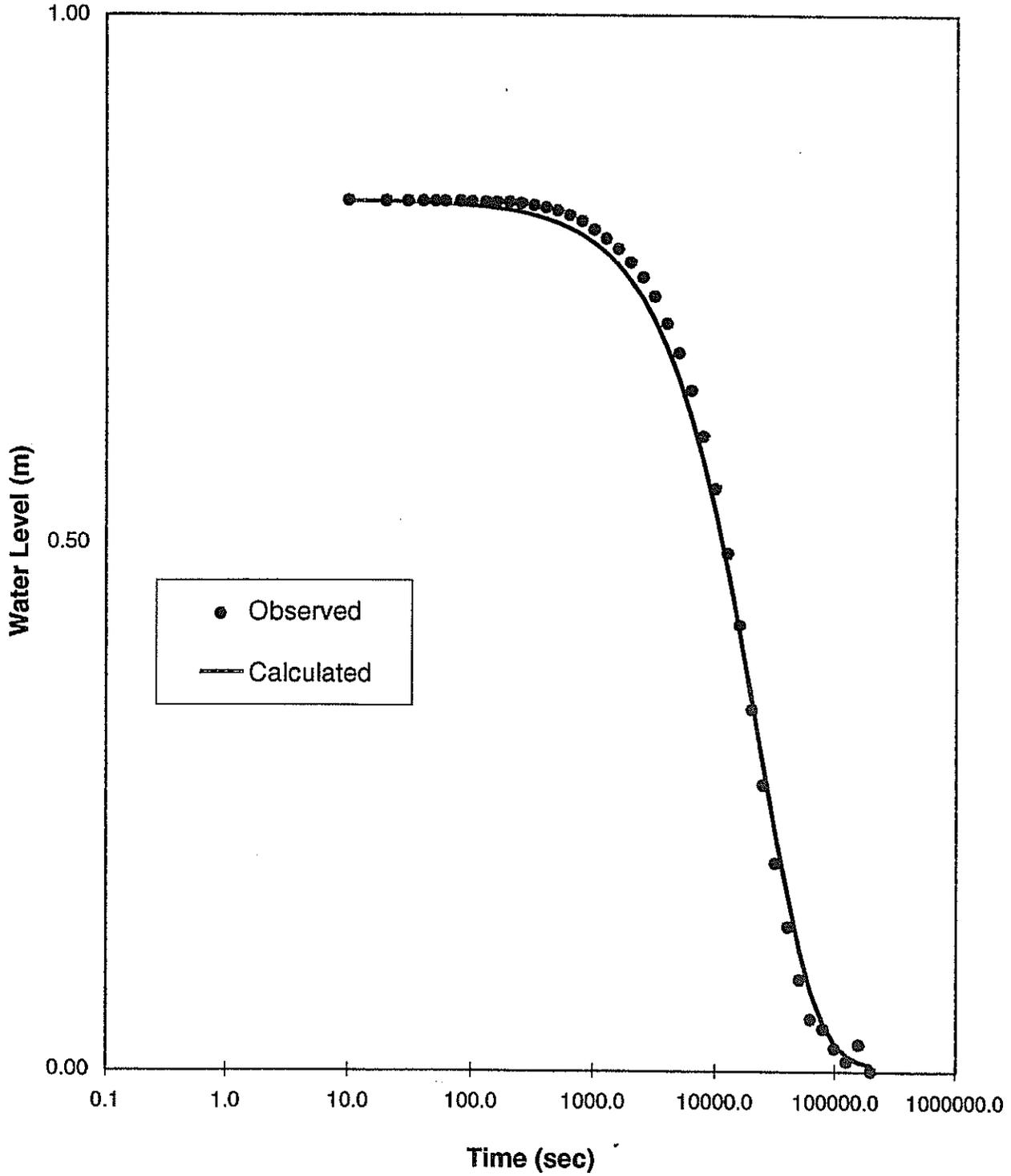


Slug Test at LBL, Well 51-96-15  
 $K = 2.8 \times 10^{-6}$  [m/sec]

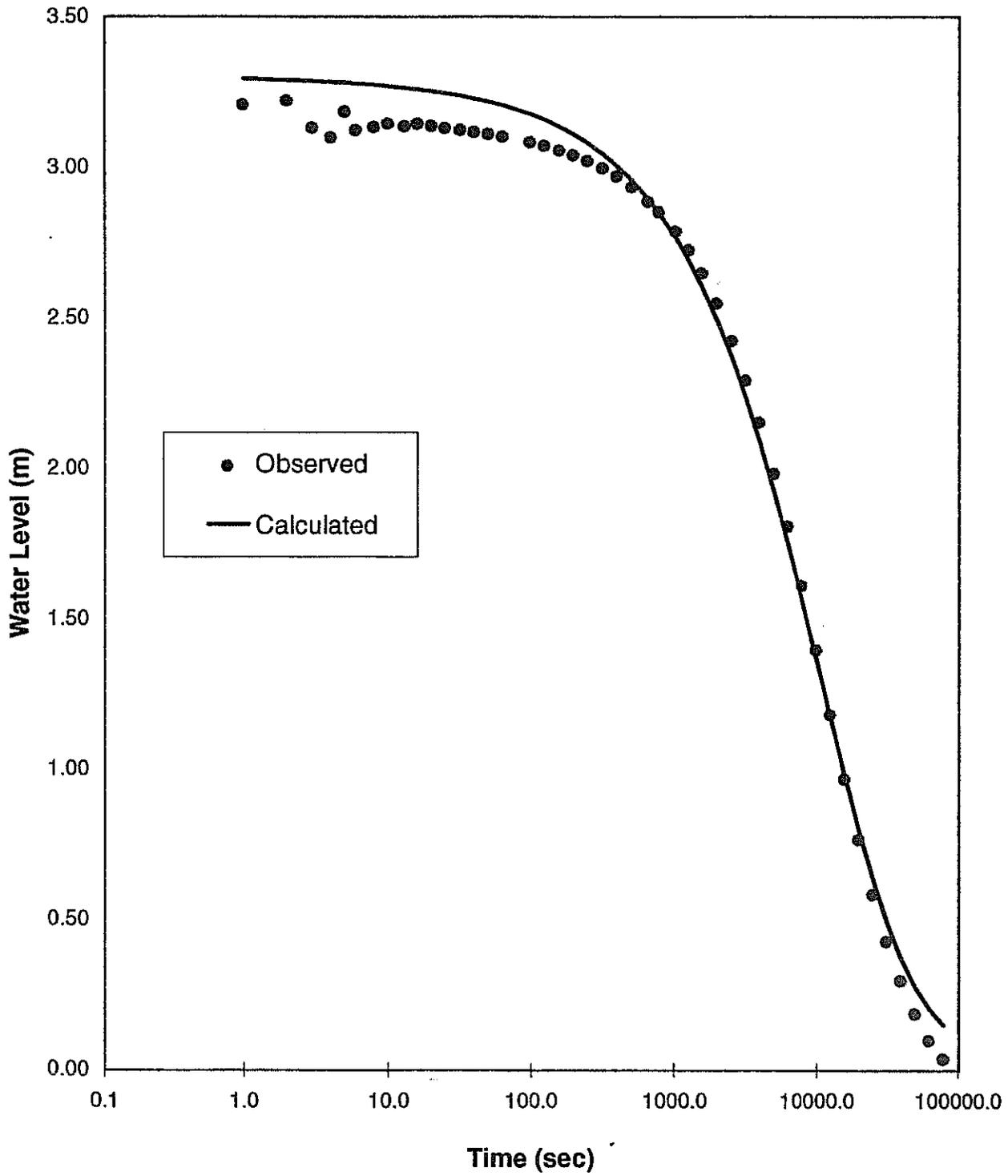


# Slug Test at LBL, Well 51-96-16

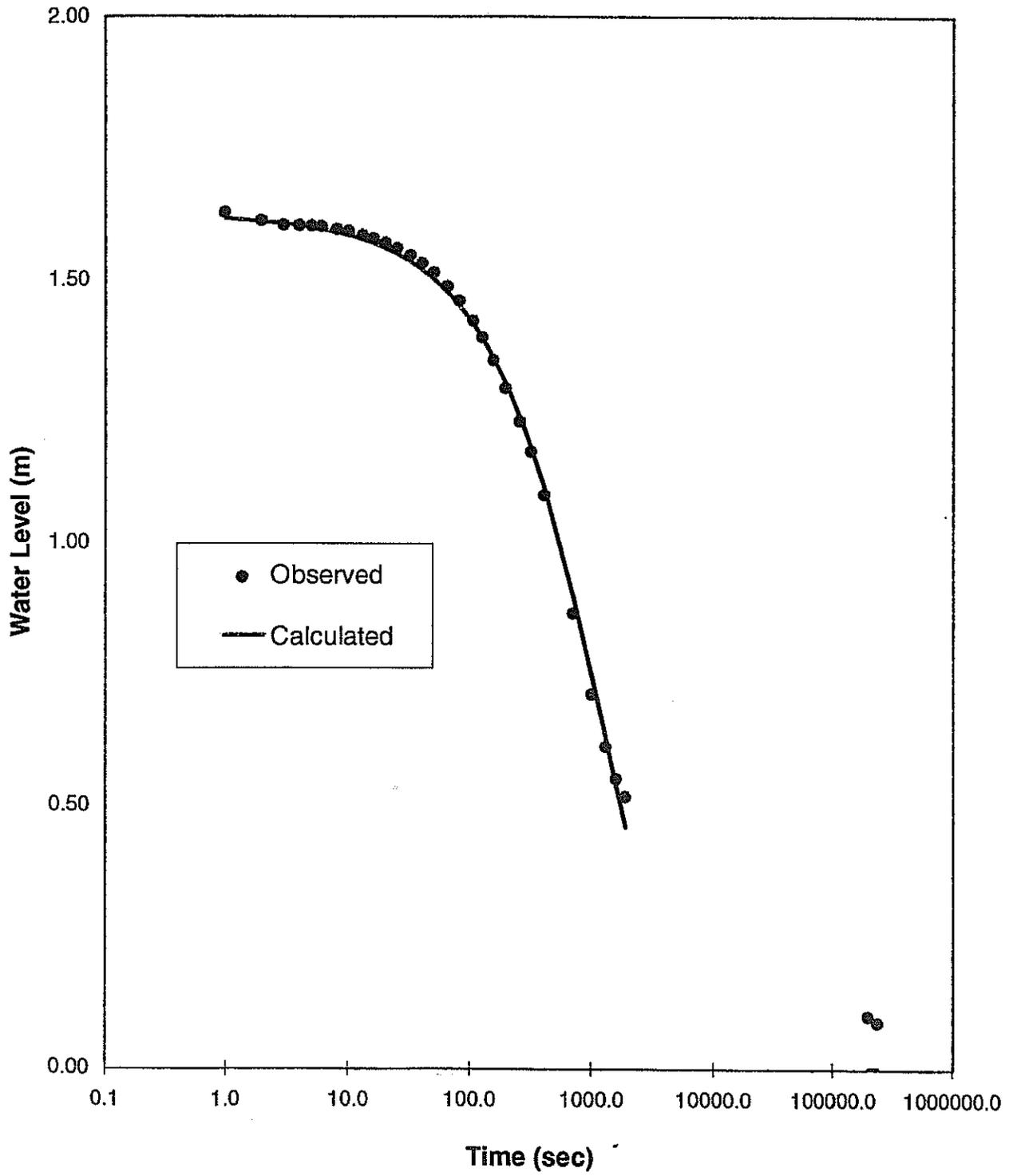
$$K = 4.5 \times 10^{-8} \text{ [m/sec]}$$



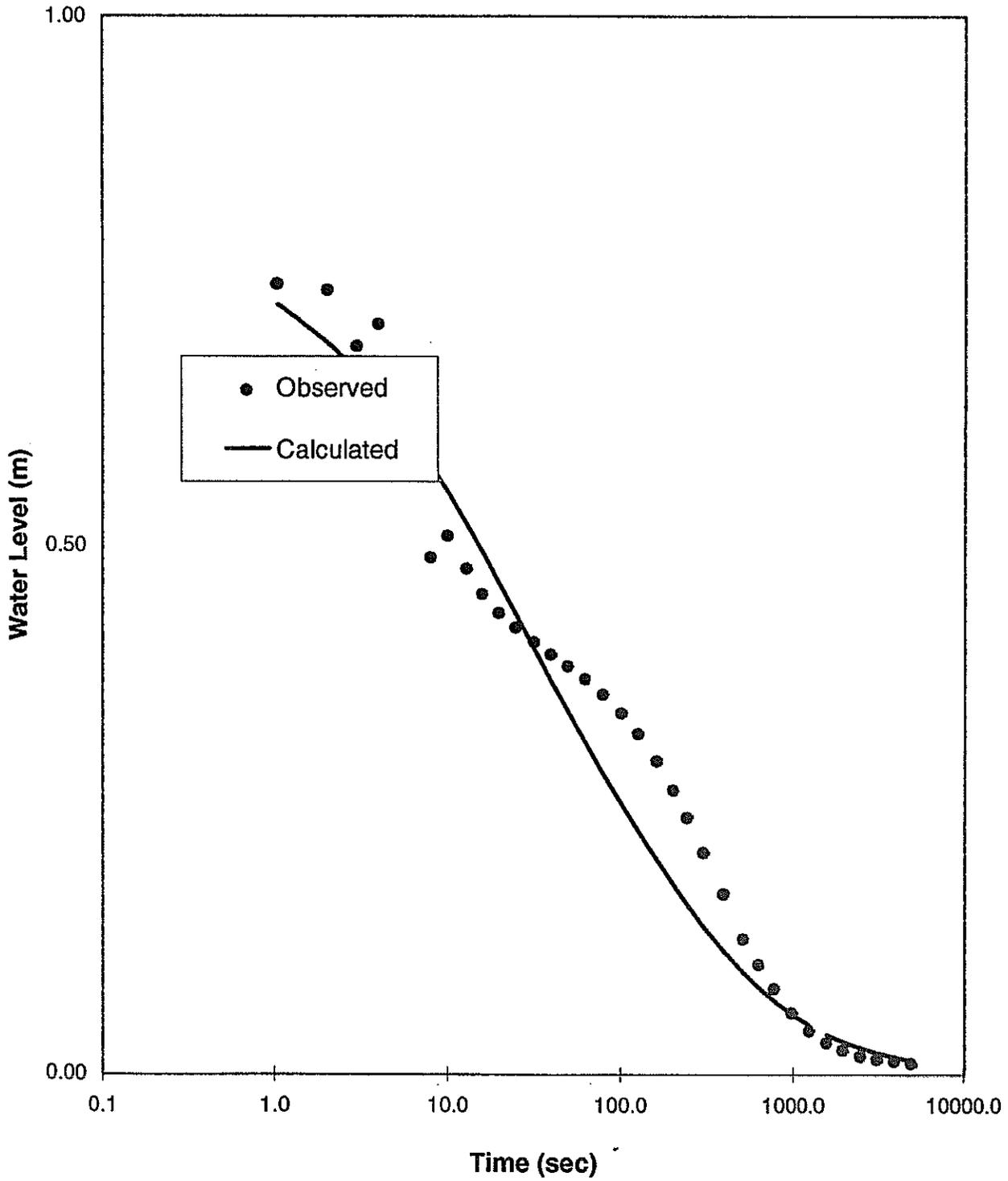
Slug Test at LBL, Well 51-96-17  
 $K = 1.0 \times 10^{-8}$  [m/sec]



Slug Test at LBL, Well 51-96-18  
 $K = 2.5 \times 10^{-7}$  [m/sec]

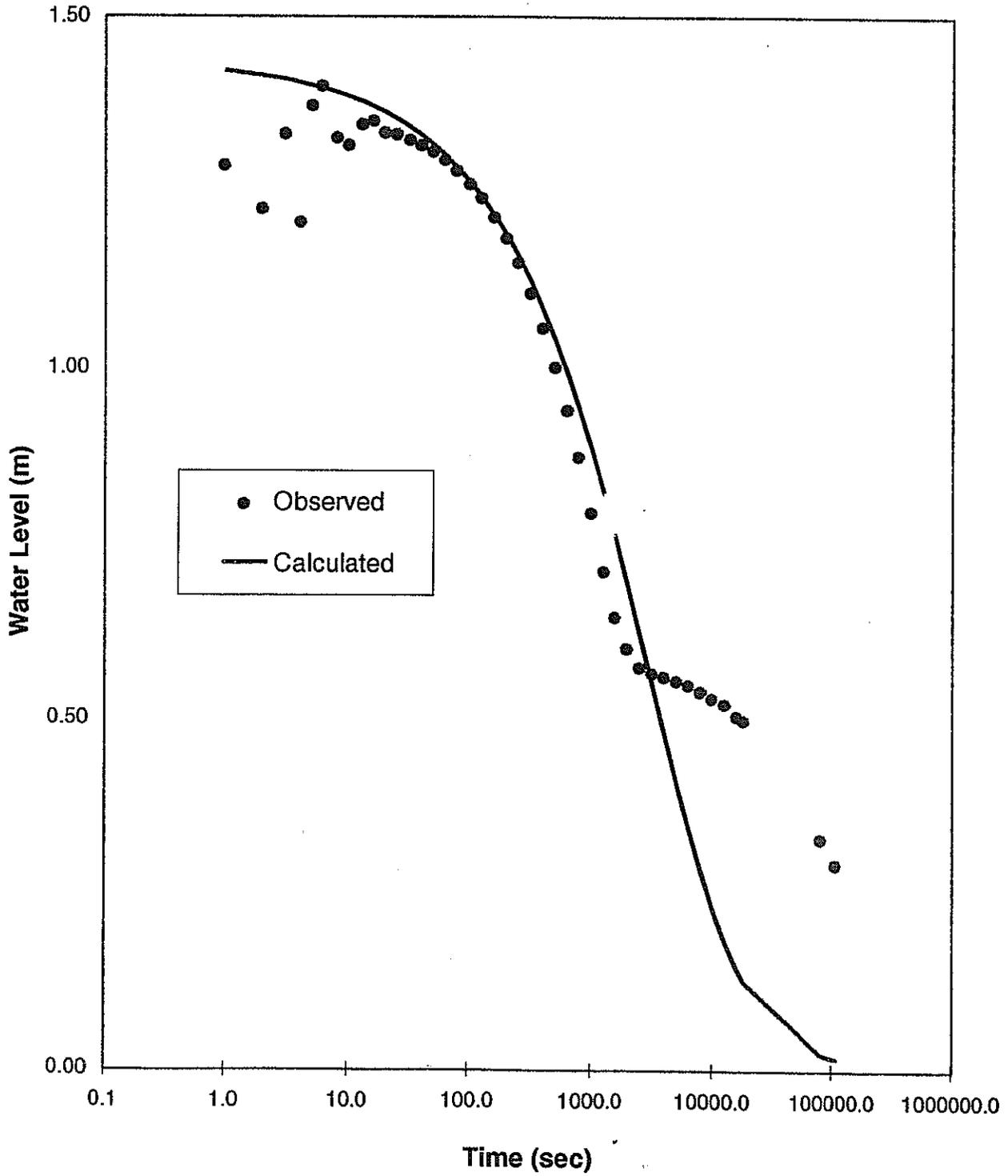


Slug Test at LBL, Well 51-96-19  
 $K = 7.8 \times 10^{-7}$  [m/sec]



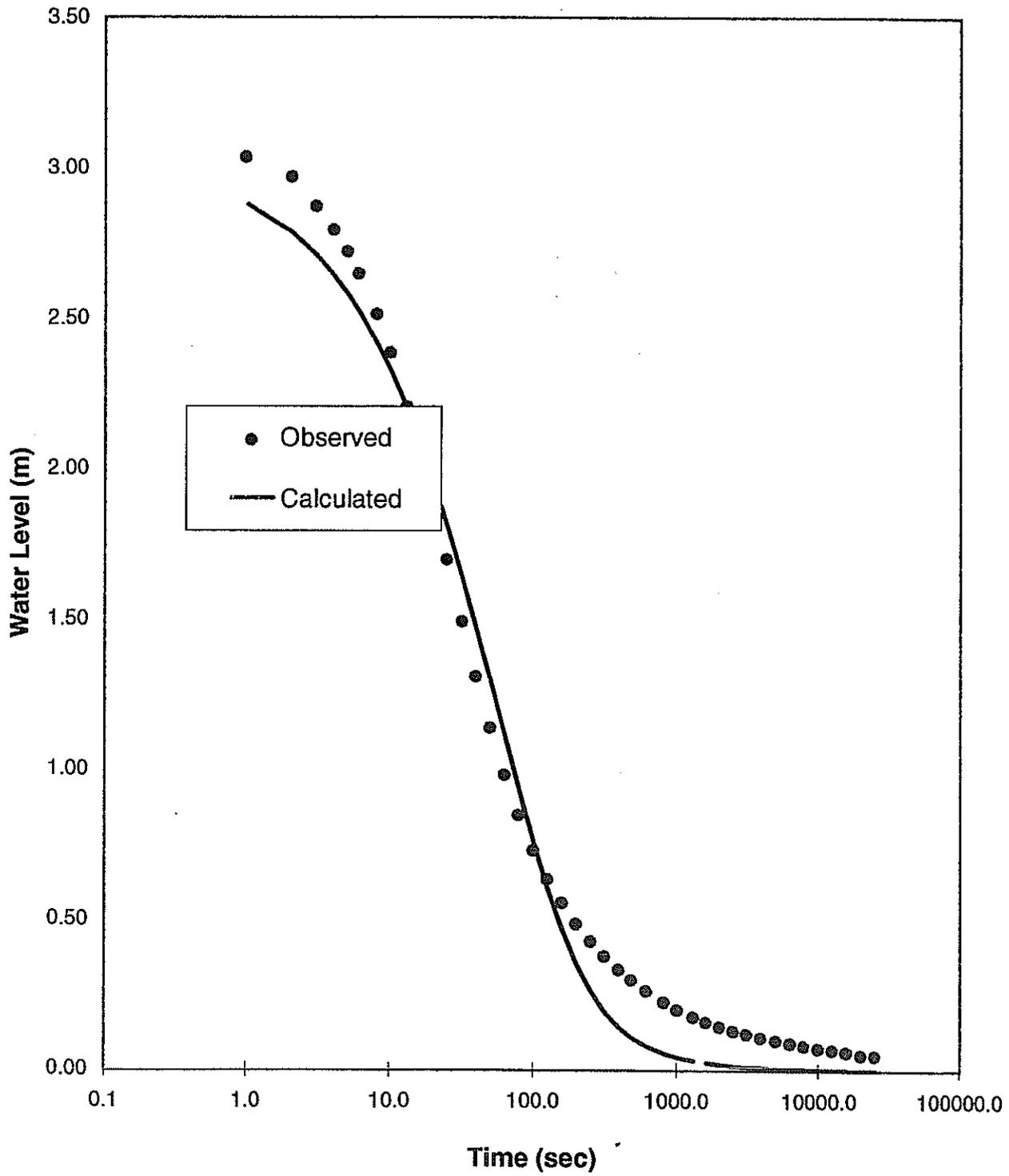
### Slug Test at LBL, Well 64-97-1

$$K = 2.3 \times 10^{-8} \text{ [m/sec]}$$

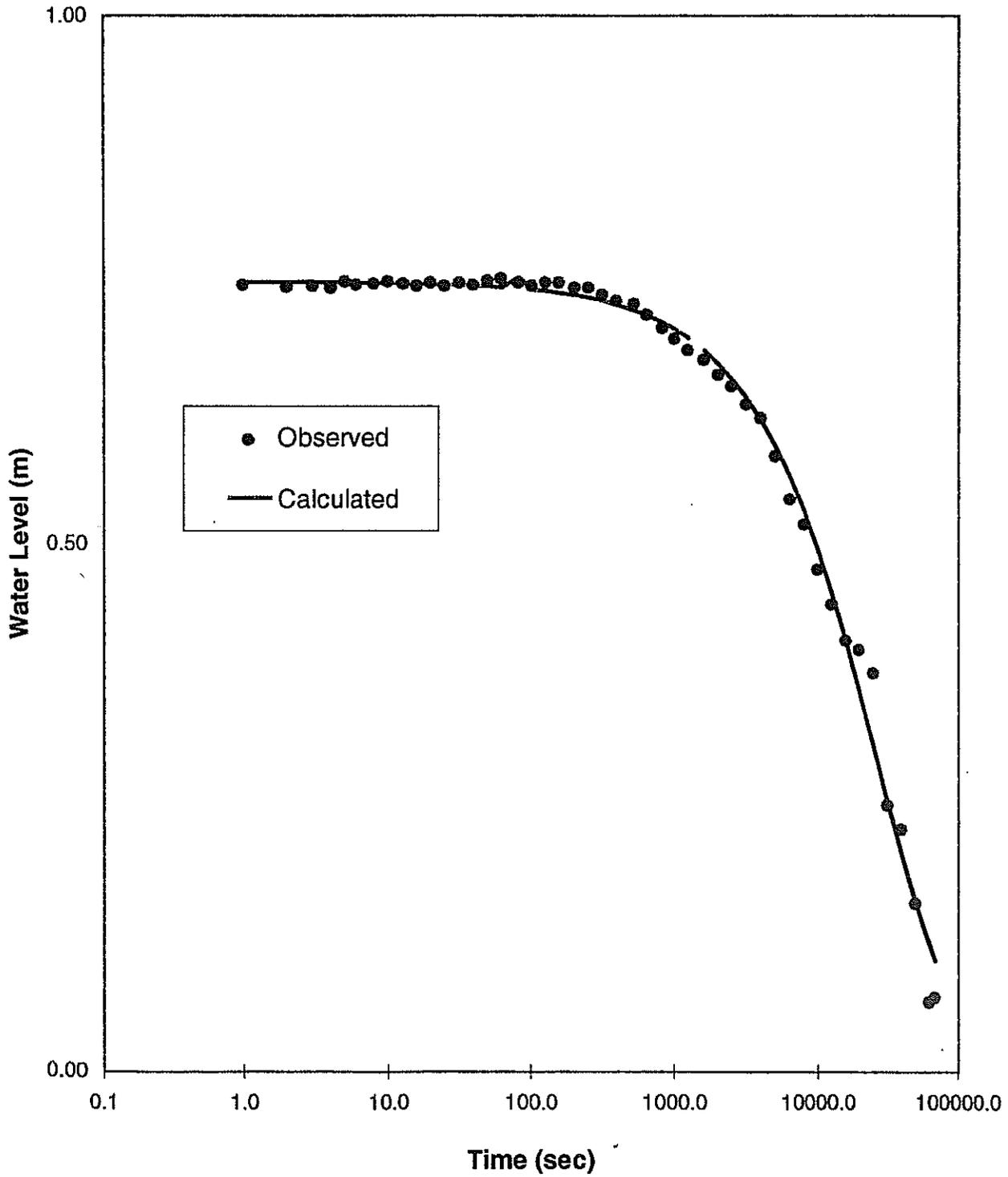




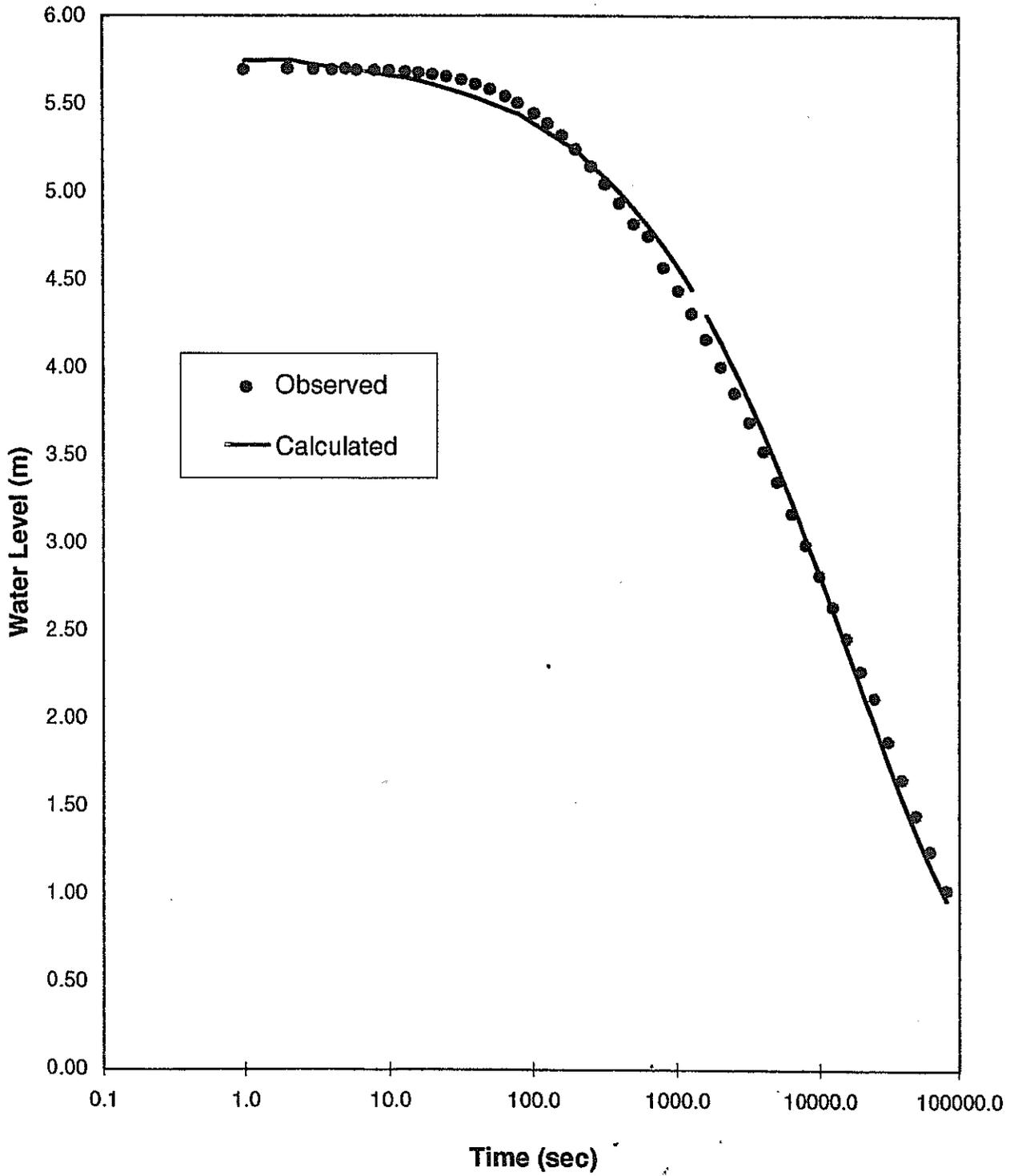
Slug Test at LBL, Well 51-97-3  
 $K = 1.9 \times 10^{-6}$  [m/sec]



Slug Test at LBL, Well 75-97-6  
 $K = 1.0 \times 10^{-7}$  [m/sec]

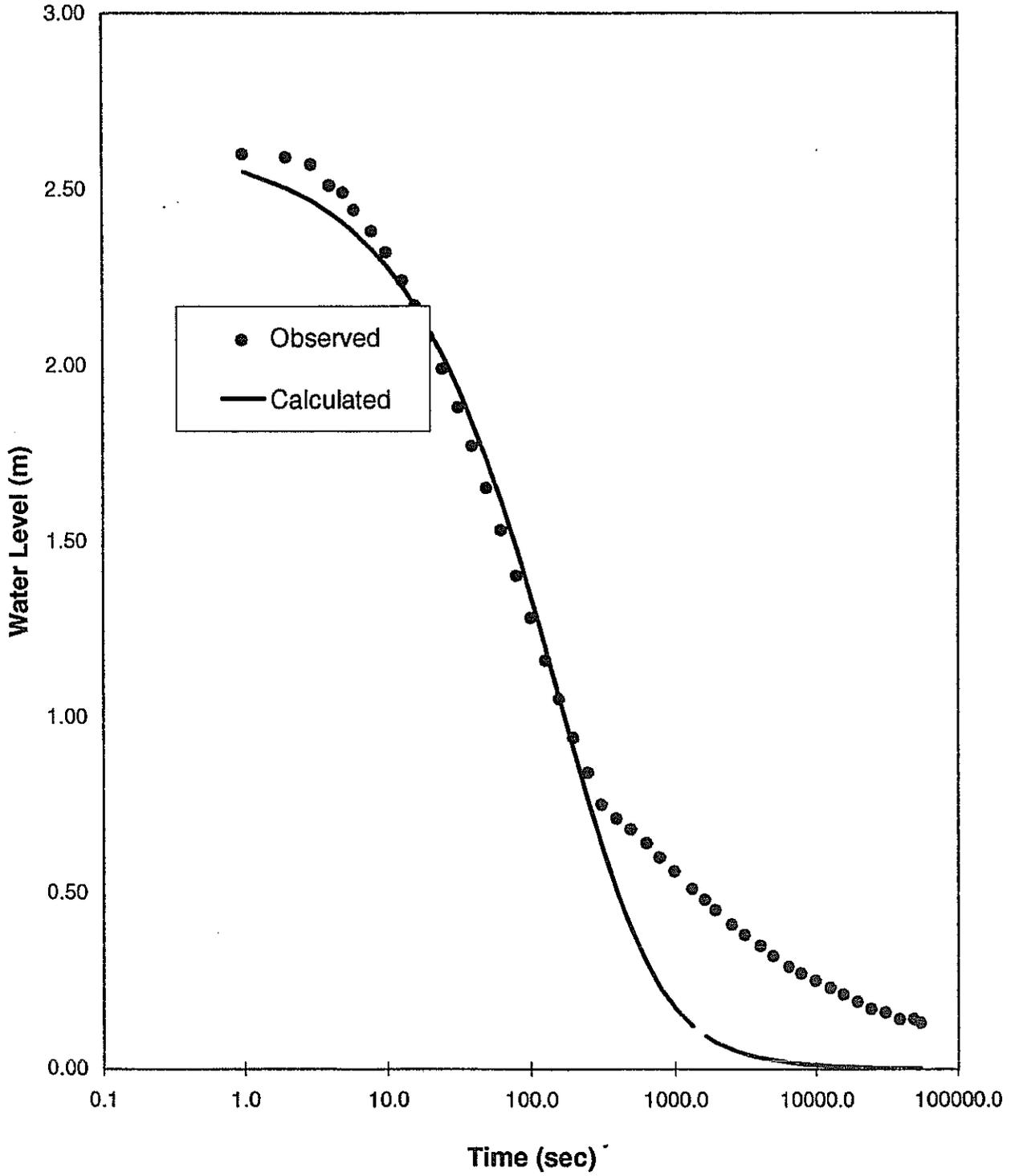


Slug Test at LBL, Well 75-97-7  
 $K = 1.3 \times 10^{-9}$  [m/sec]



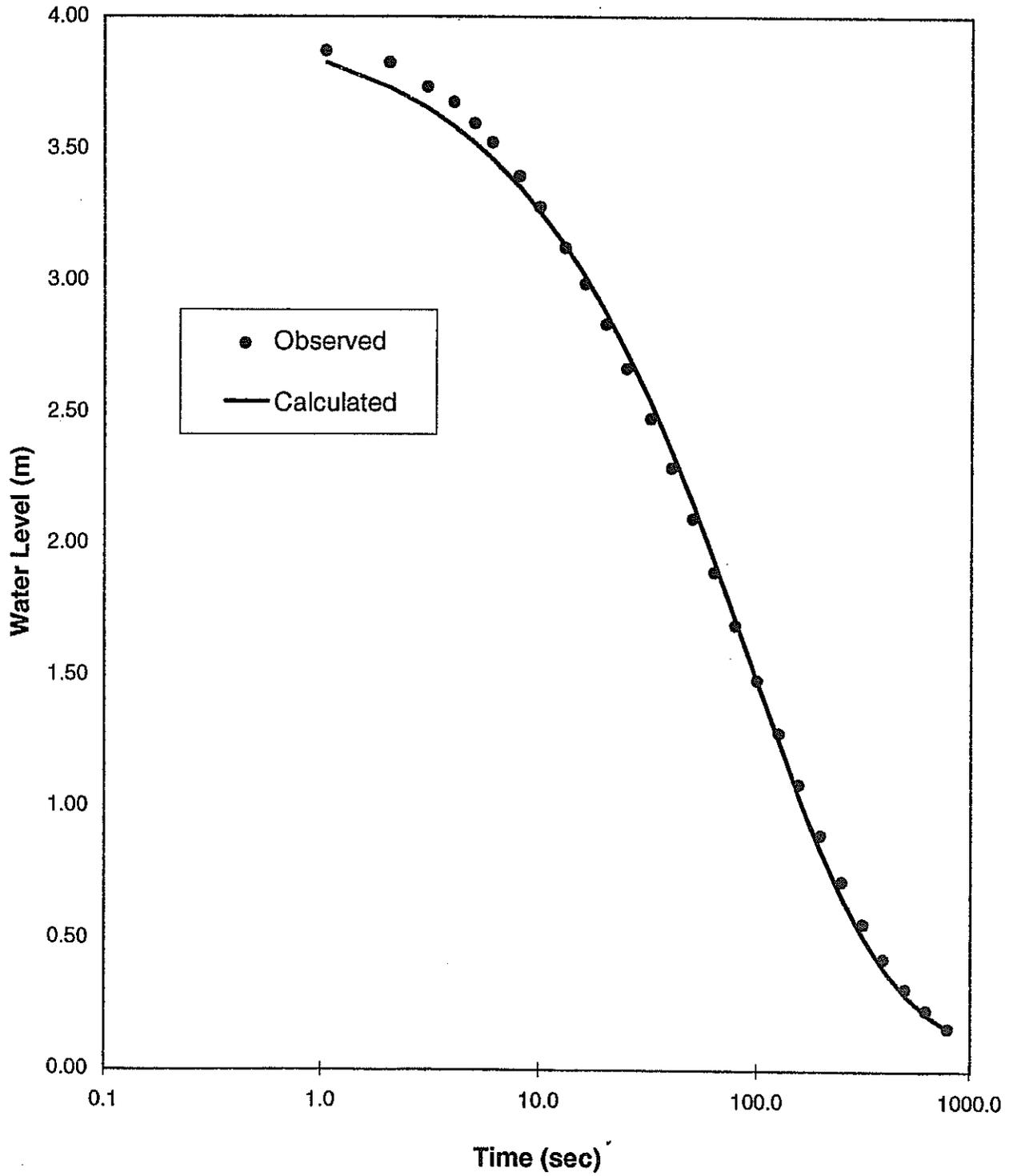
# Slug Test at LBL, Well 51-97-12

$$K = 7.1 \times 10^{-7} \text{ [m/sec]}$$

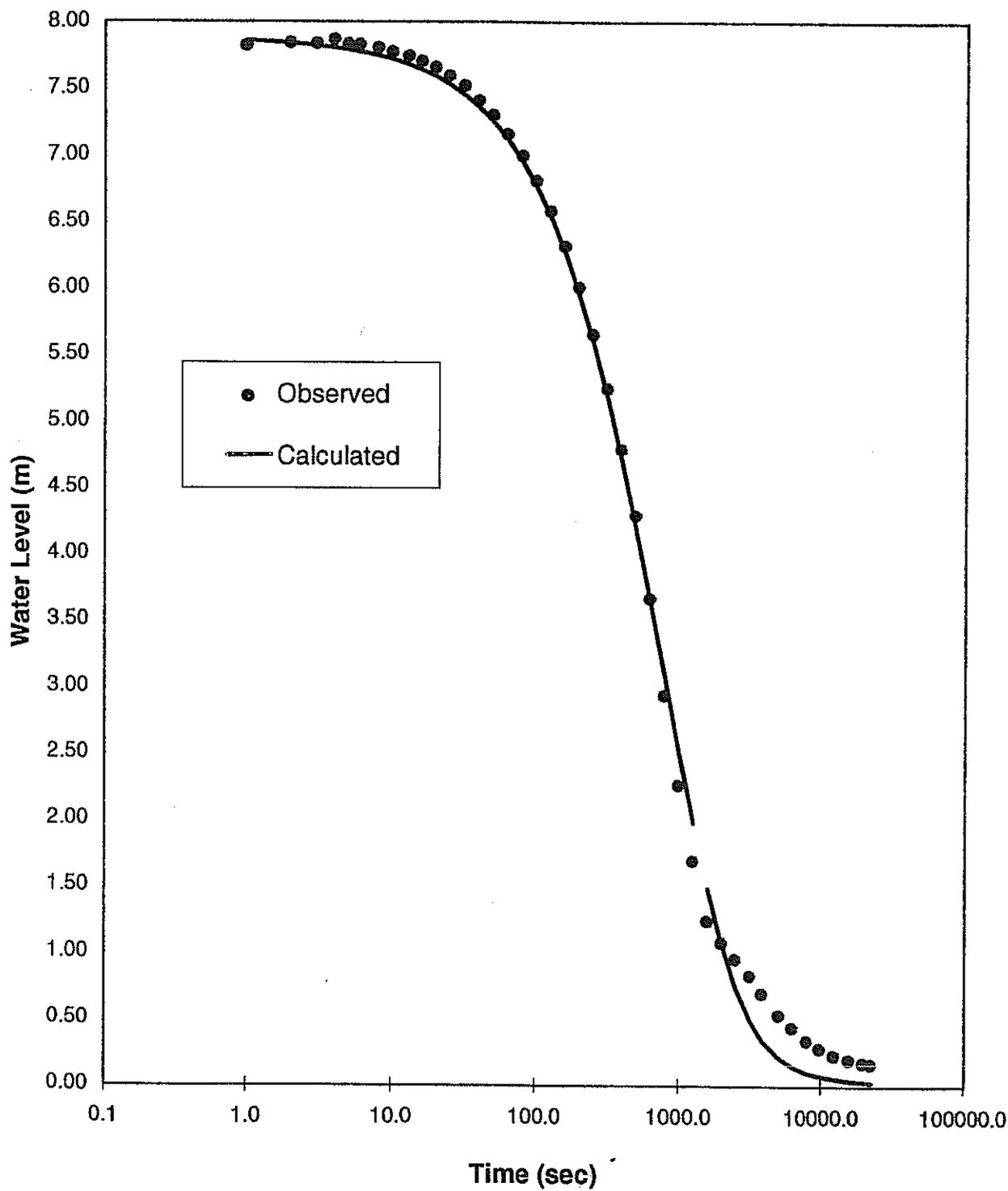


### Slug Test at LBL, Well 51-97-13

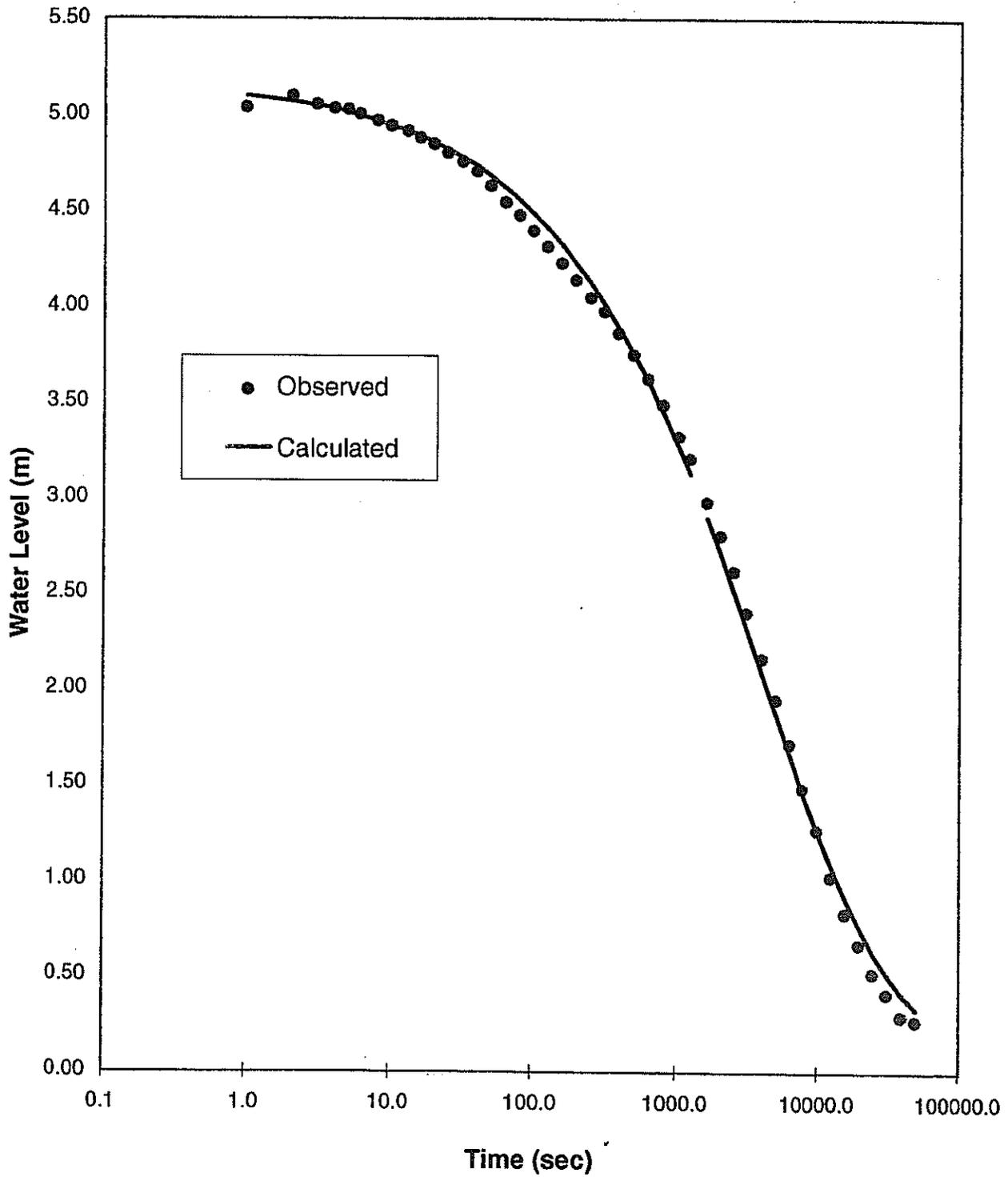
$$K = 9.5 \times 10^{-7} \text{ [m/sec]}$$



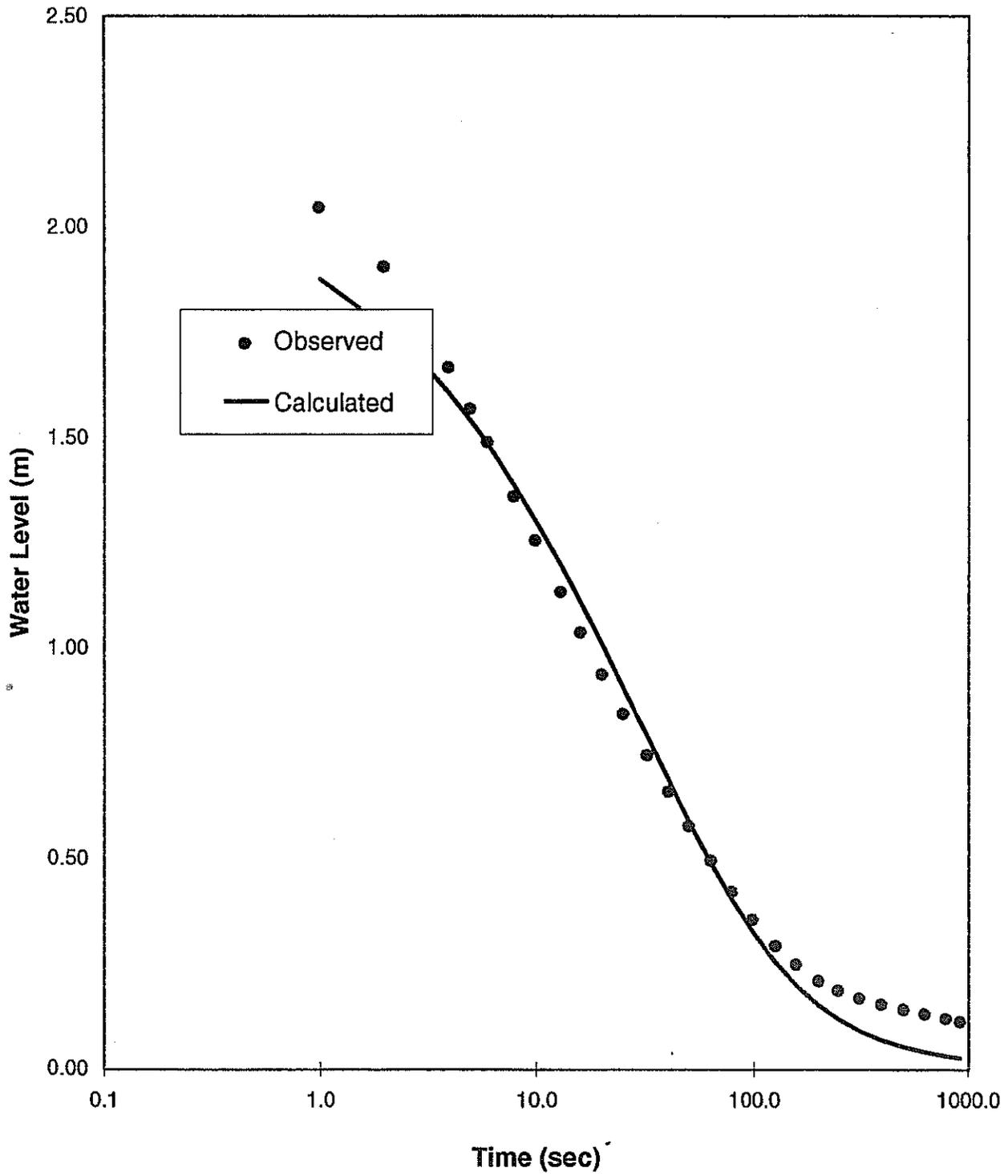
Slug Test at LBL, Well 51-97-14  
 $K = 3.5 \times 10^{-7}$  [m/sec]

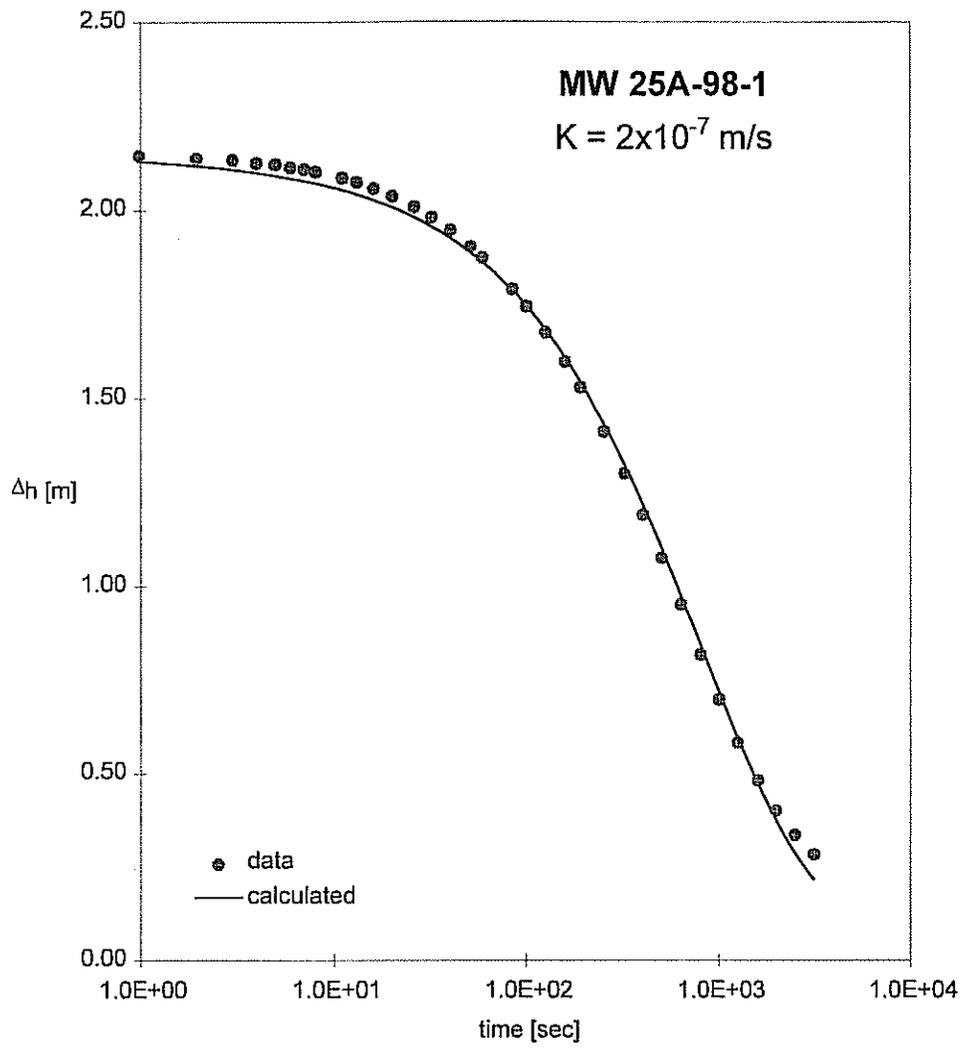


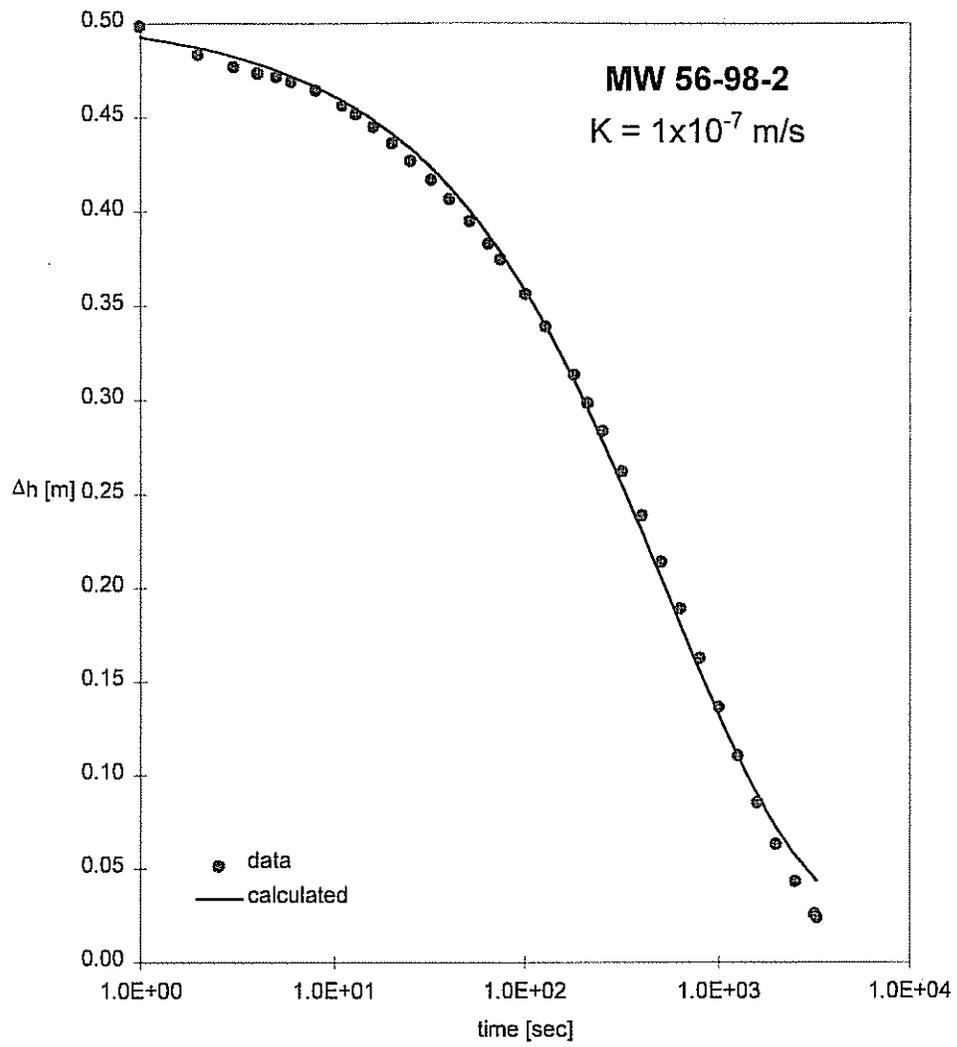
Slug Test at LBL, Well 51-97-15  
 $K = 6.9 \times 10^{-9}$  [m/sec]

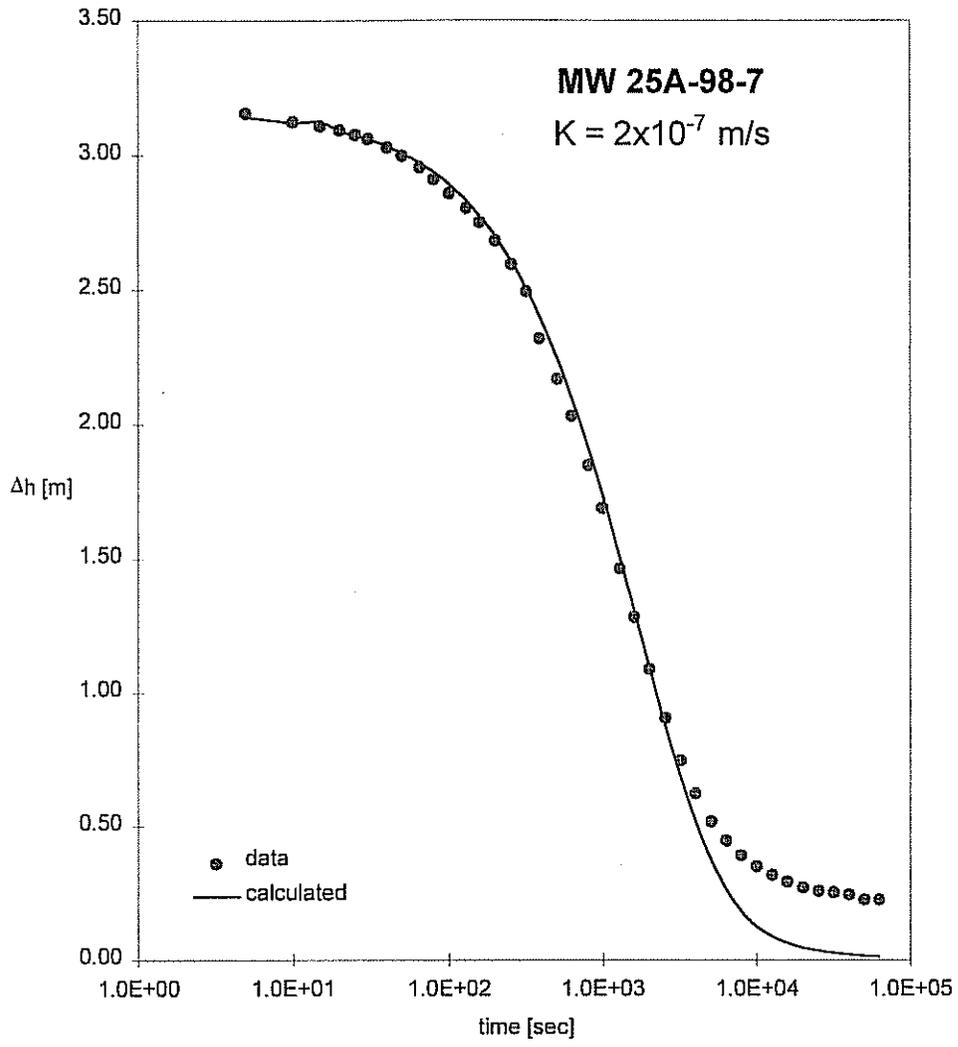


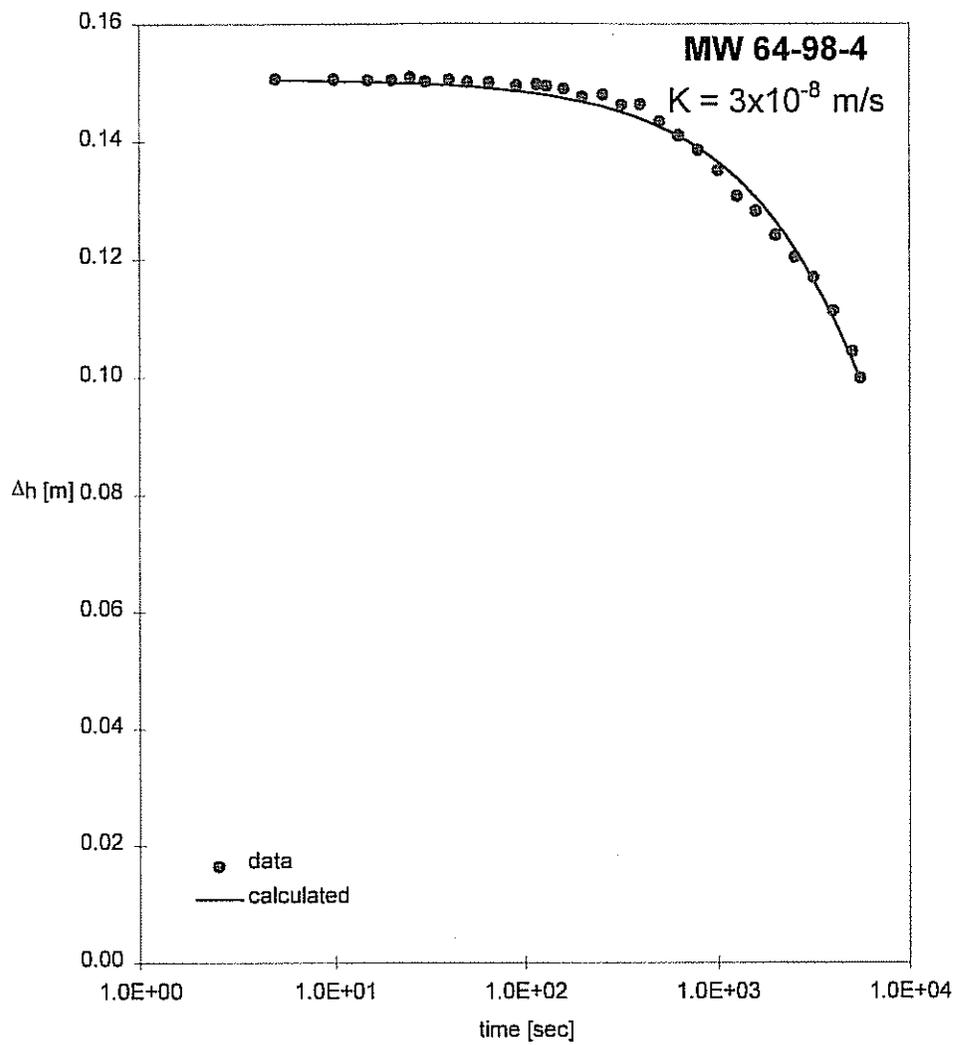
Slug Test at LBL, Well 51-97-16  
 $K = 2.3 \times 10^{-6}$  [m/sec]

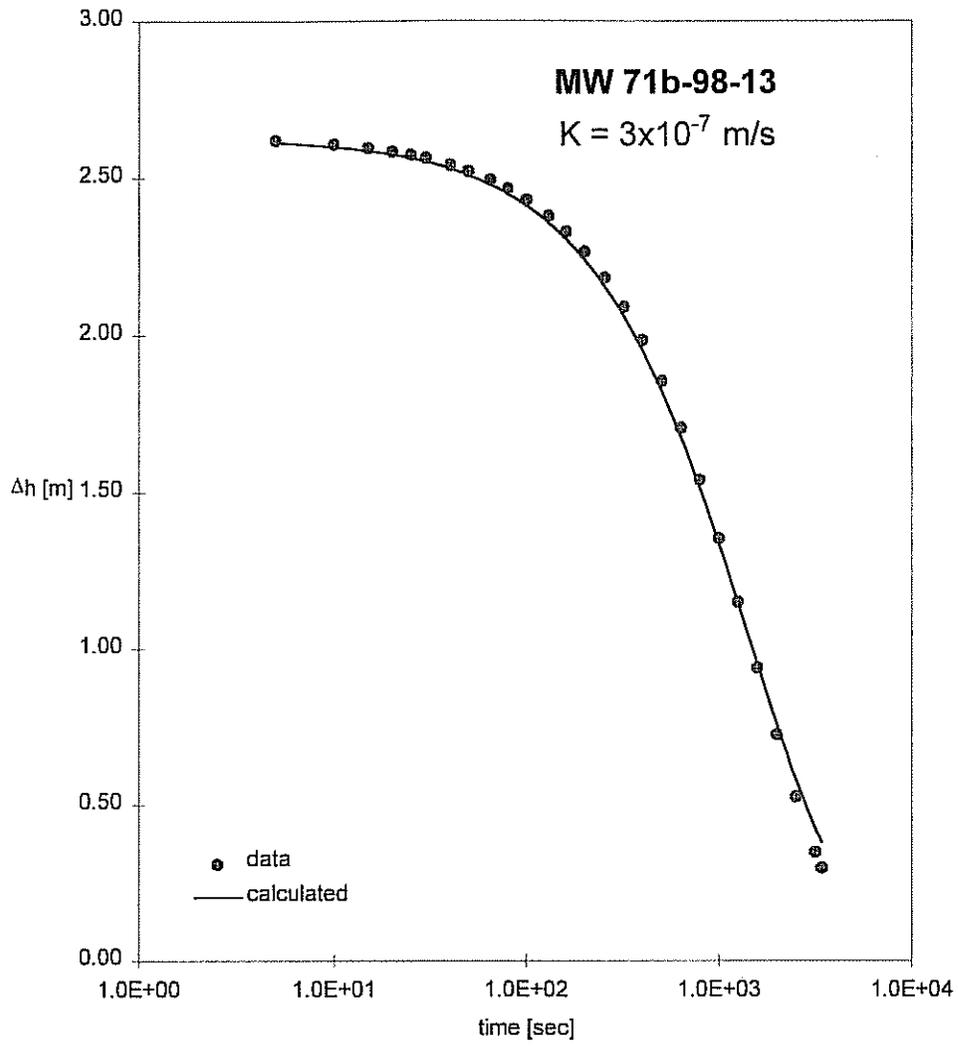


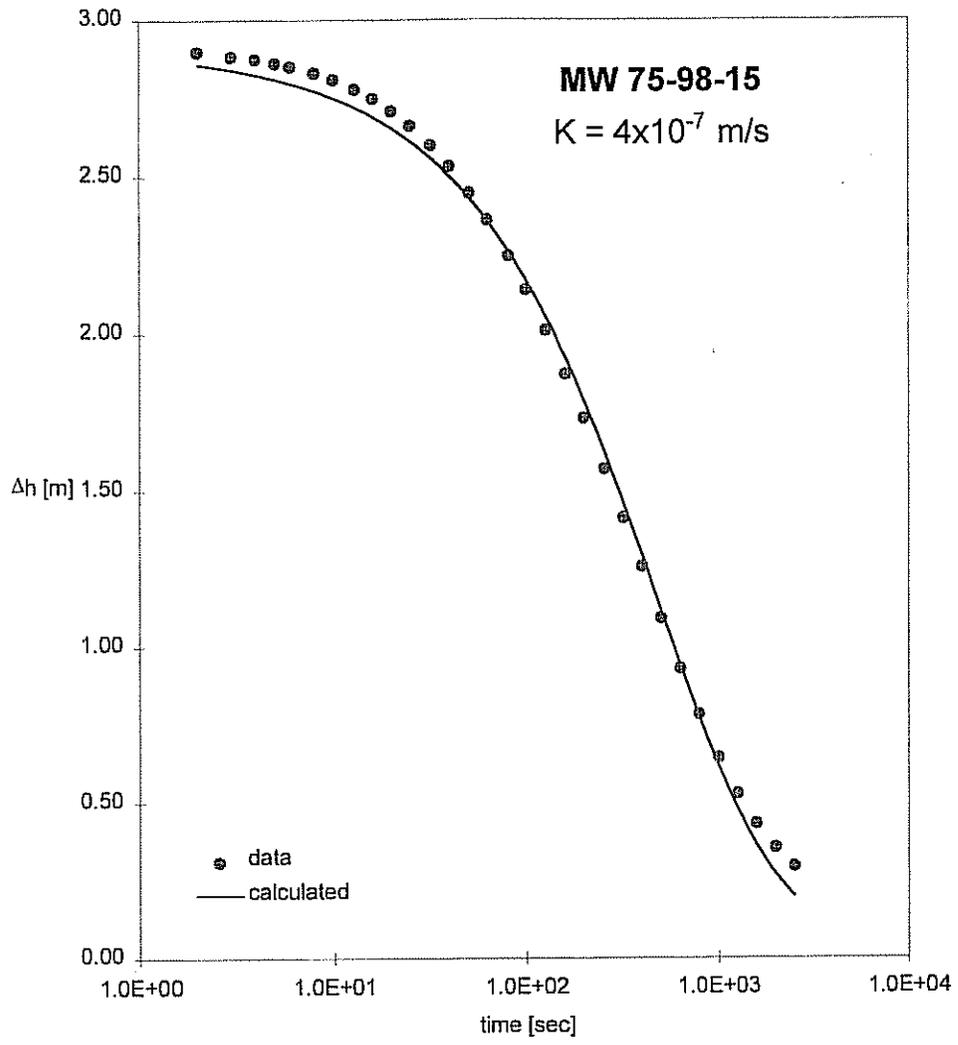


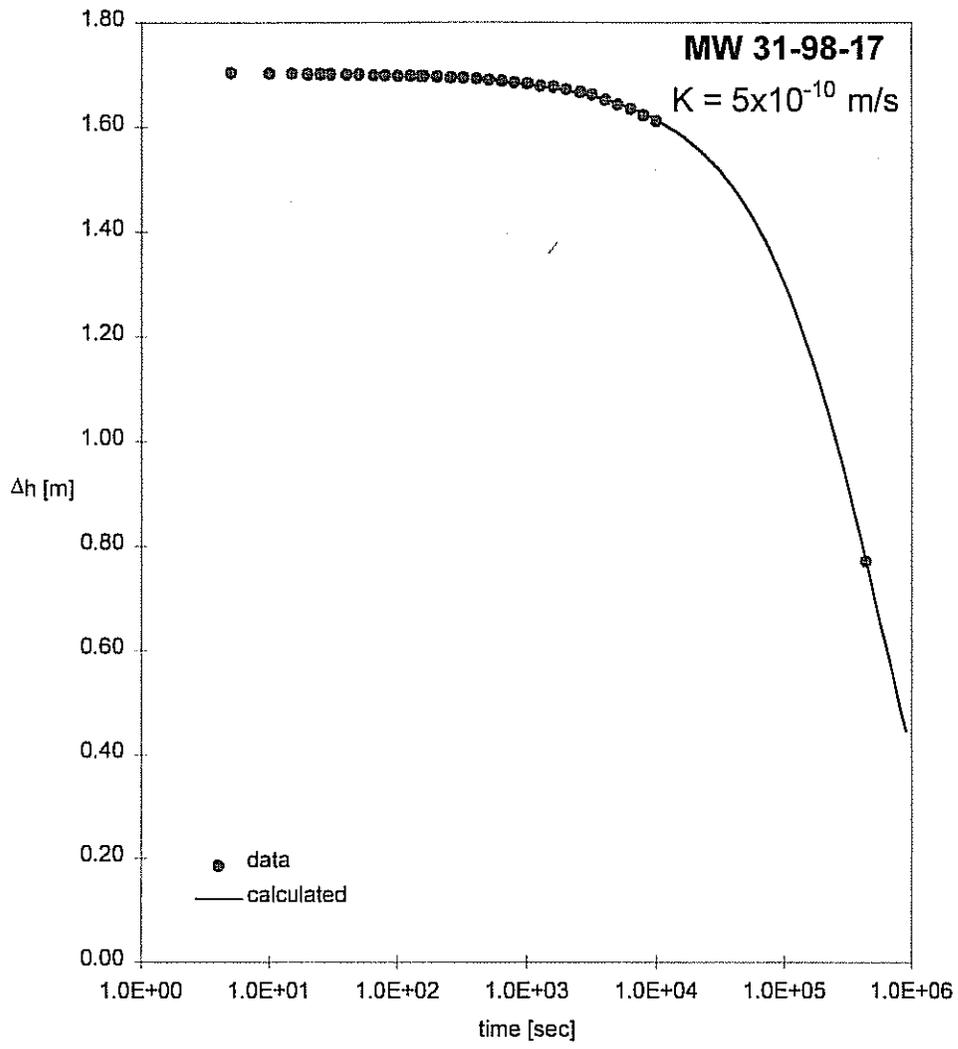


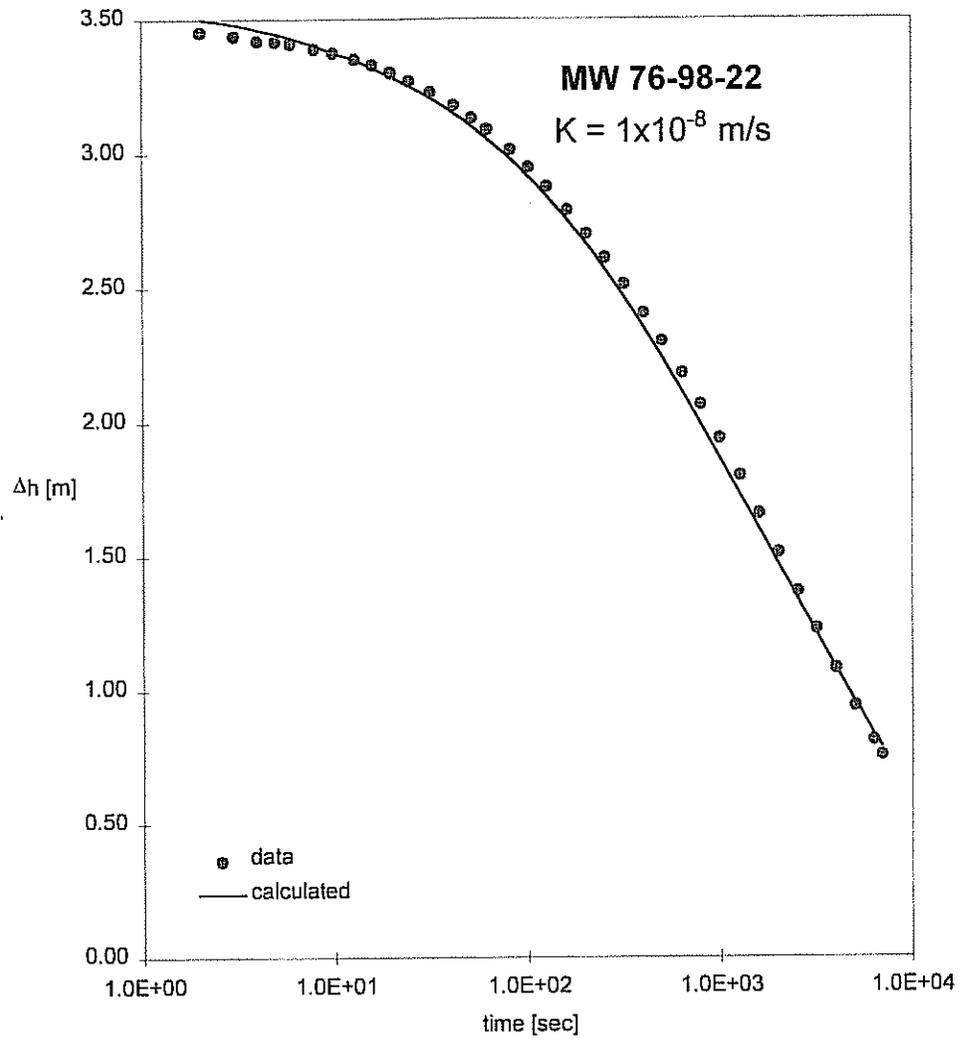








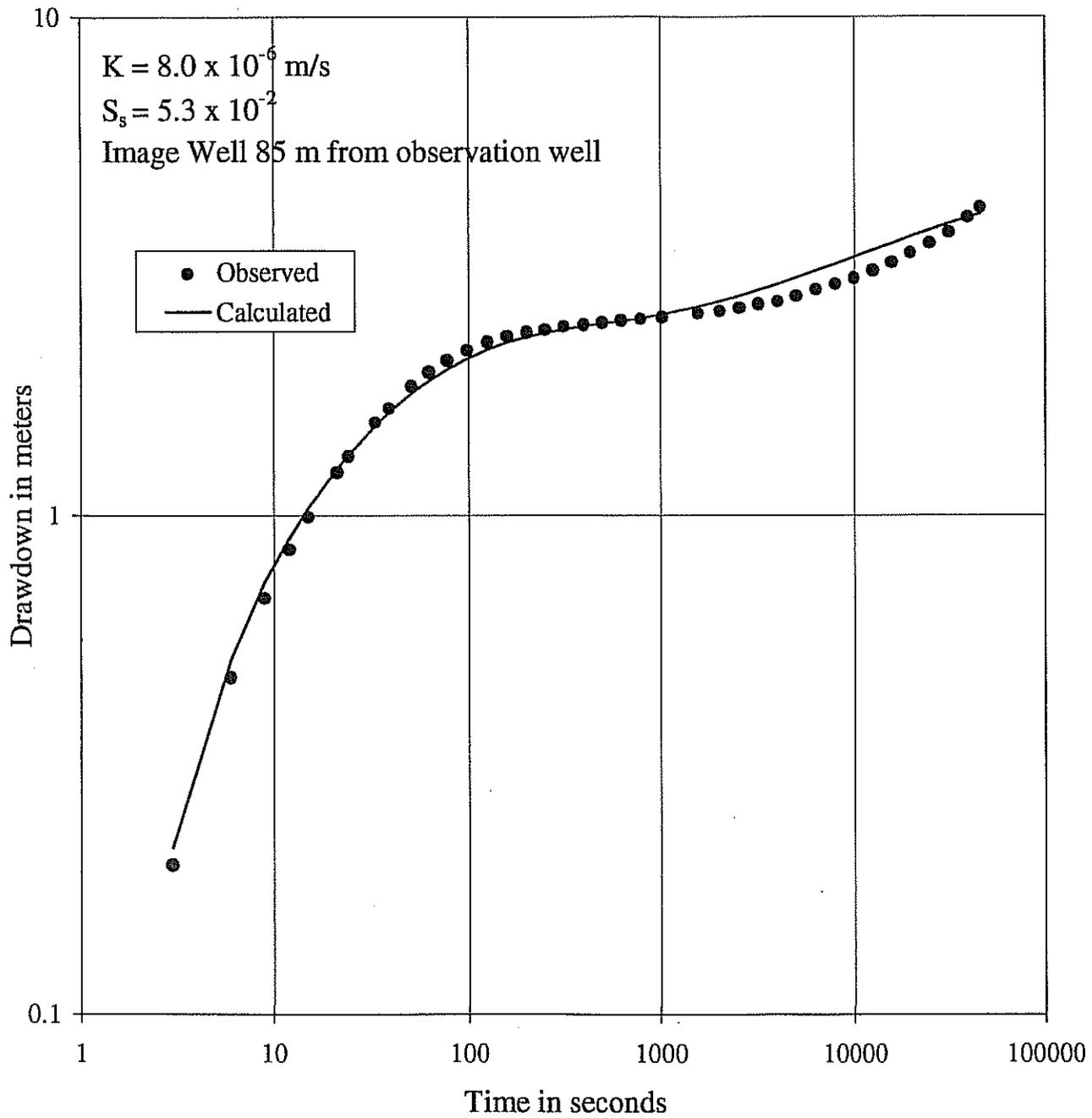




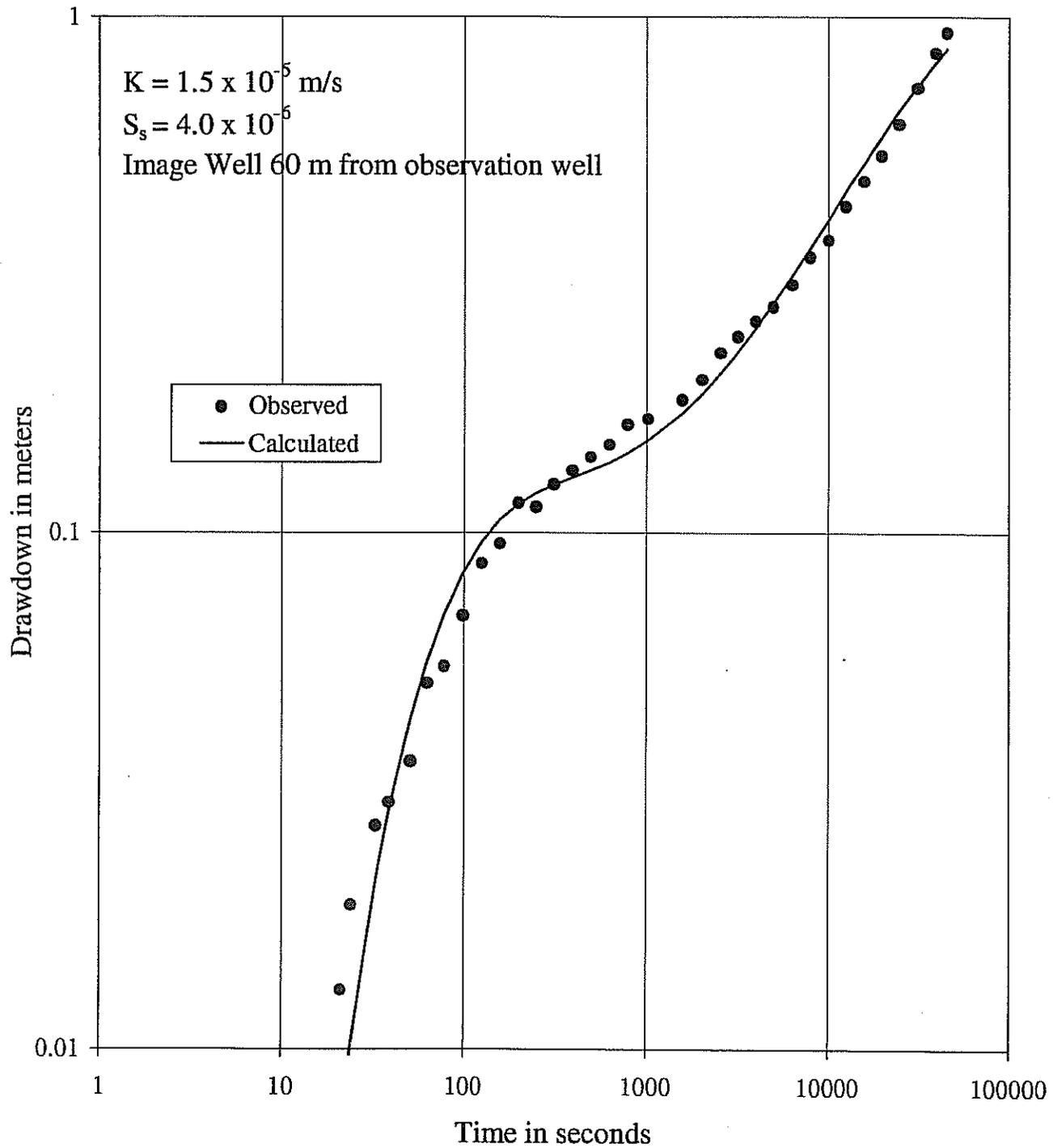
# Pumping/Recovery Test Data



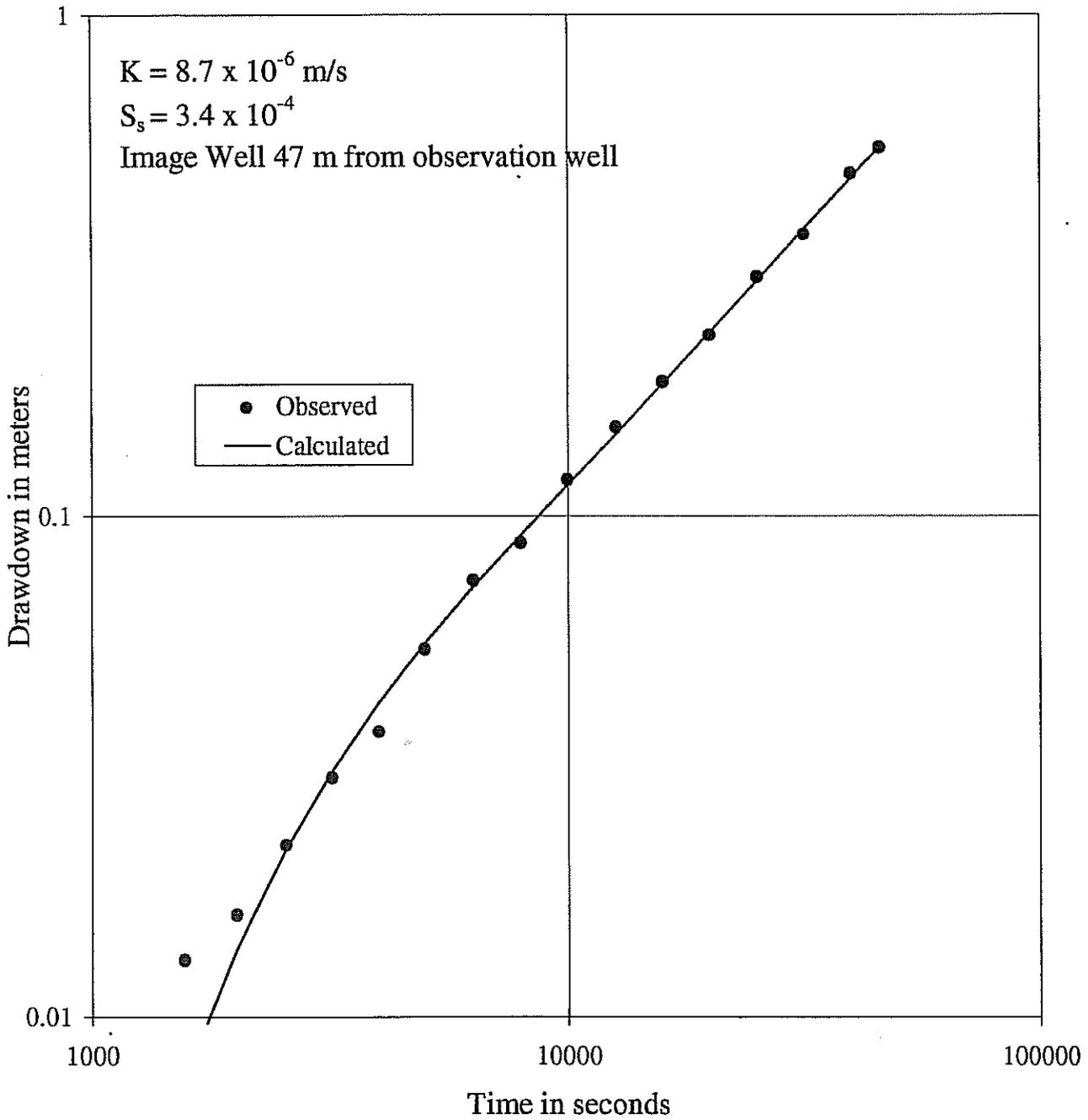
# Drawdown for Well 91-8 for 5gpm Pumping Test from MW91-8



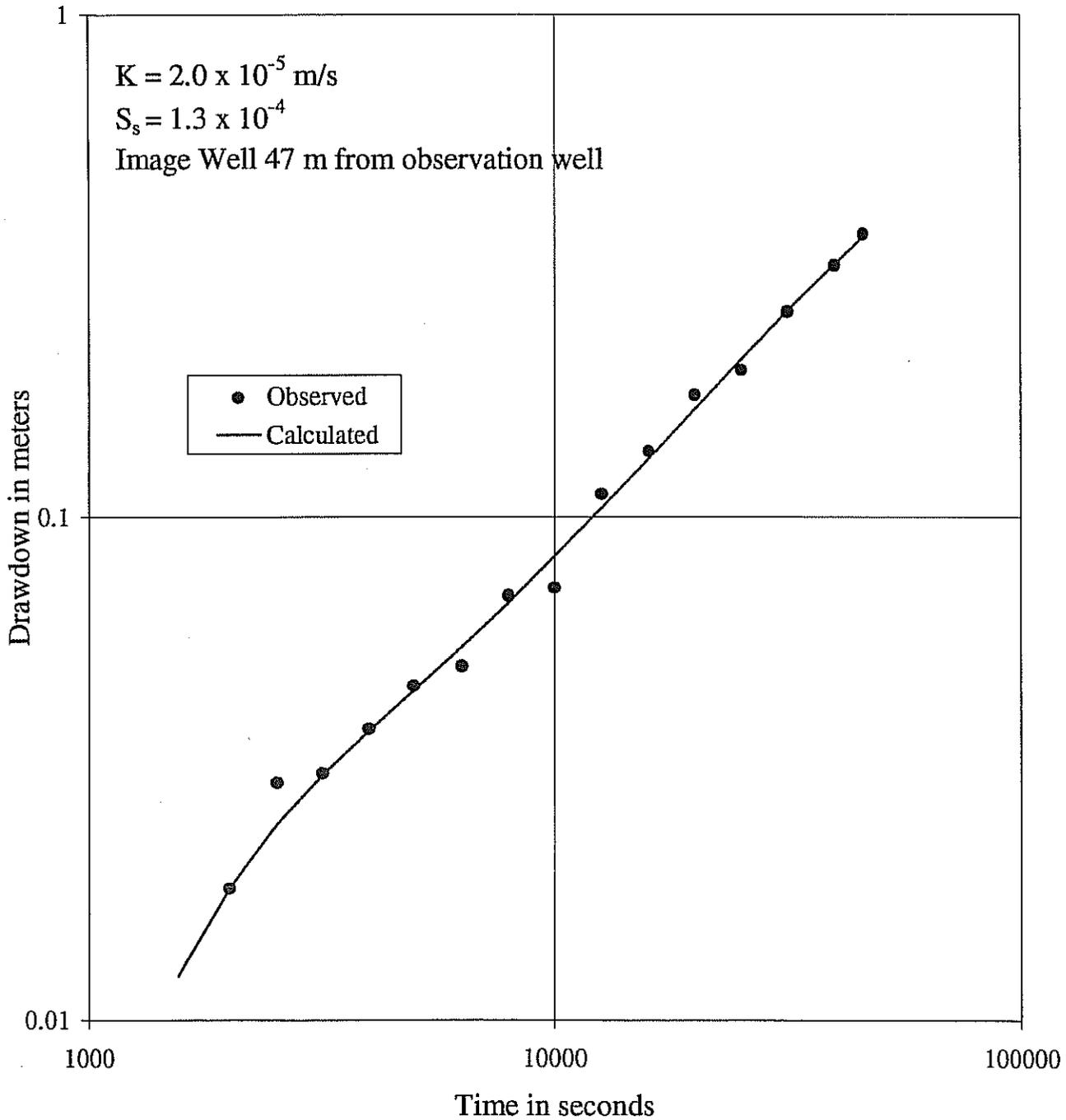
# Drawdown for Well 27-92-20 for 5gpm Pumping Test from MW91-8



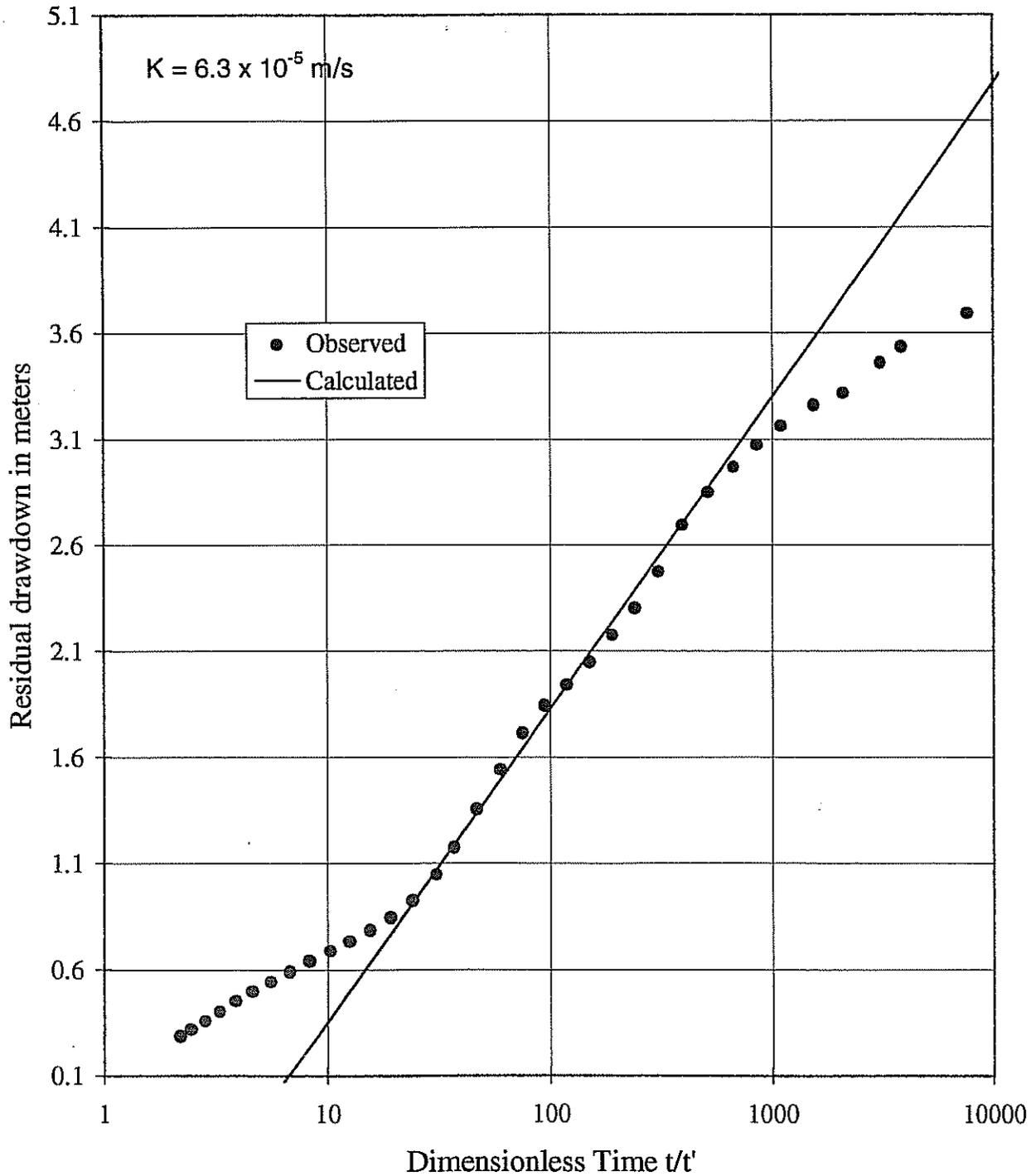
# Drawdown for Well 7-102 for 5gpm Pumping Test from MW91-8



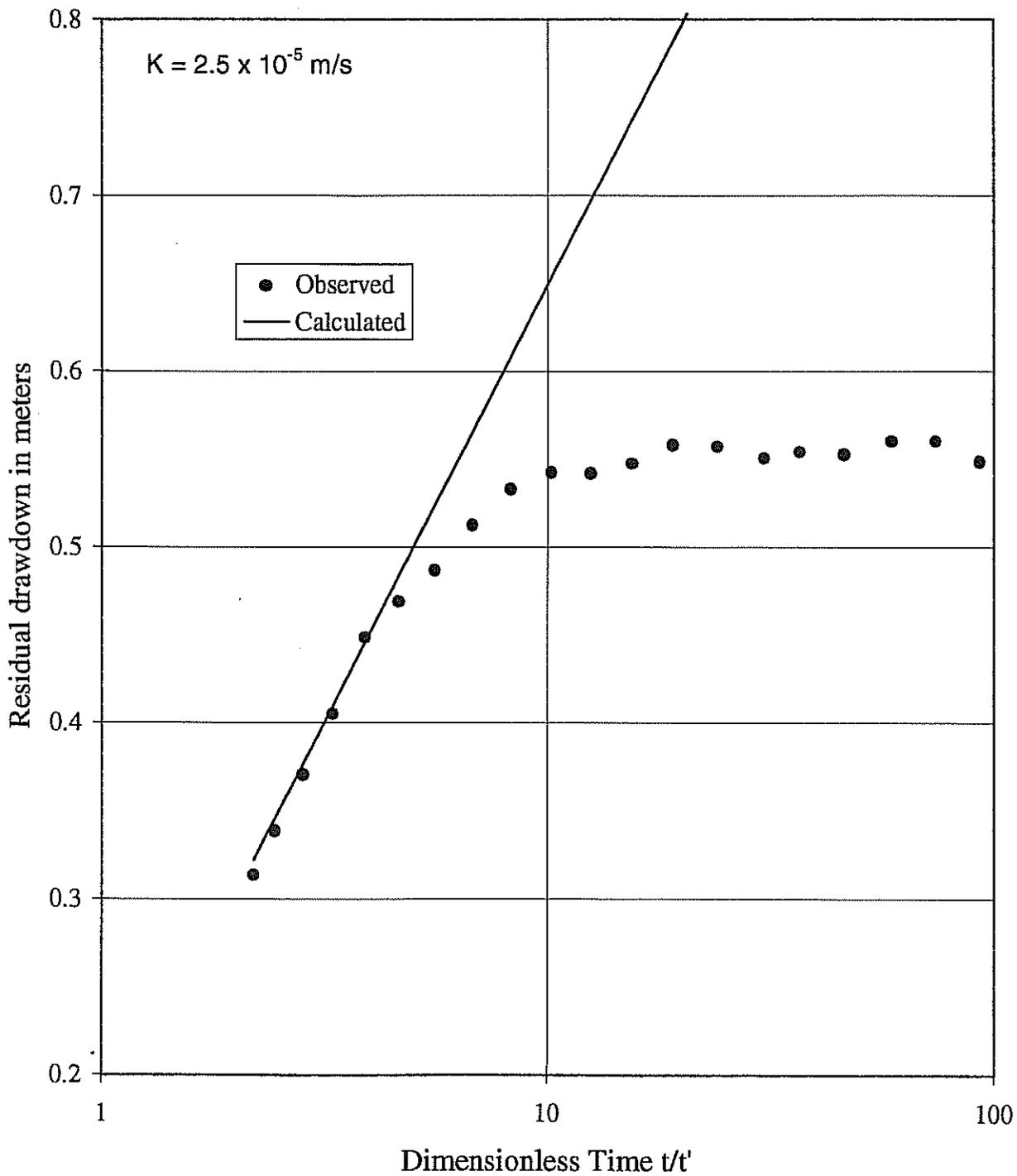
# Drawdown for Well 91-7 for 5gpm Pumping Test from MW91-8



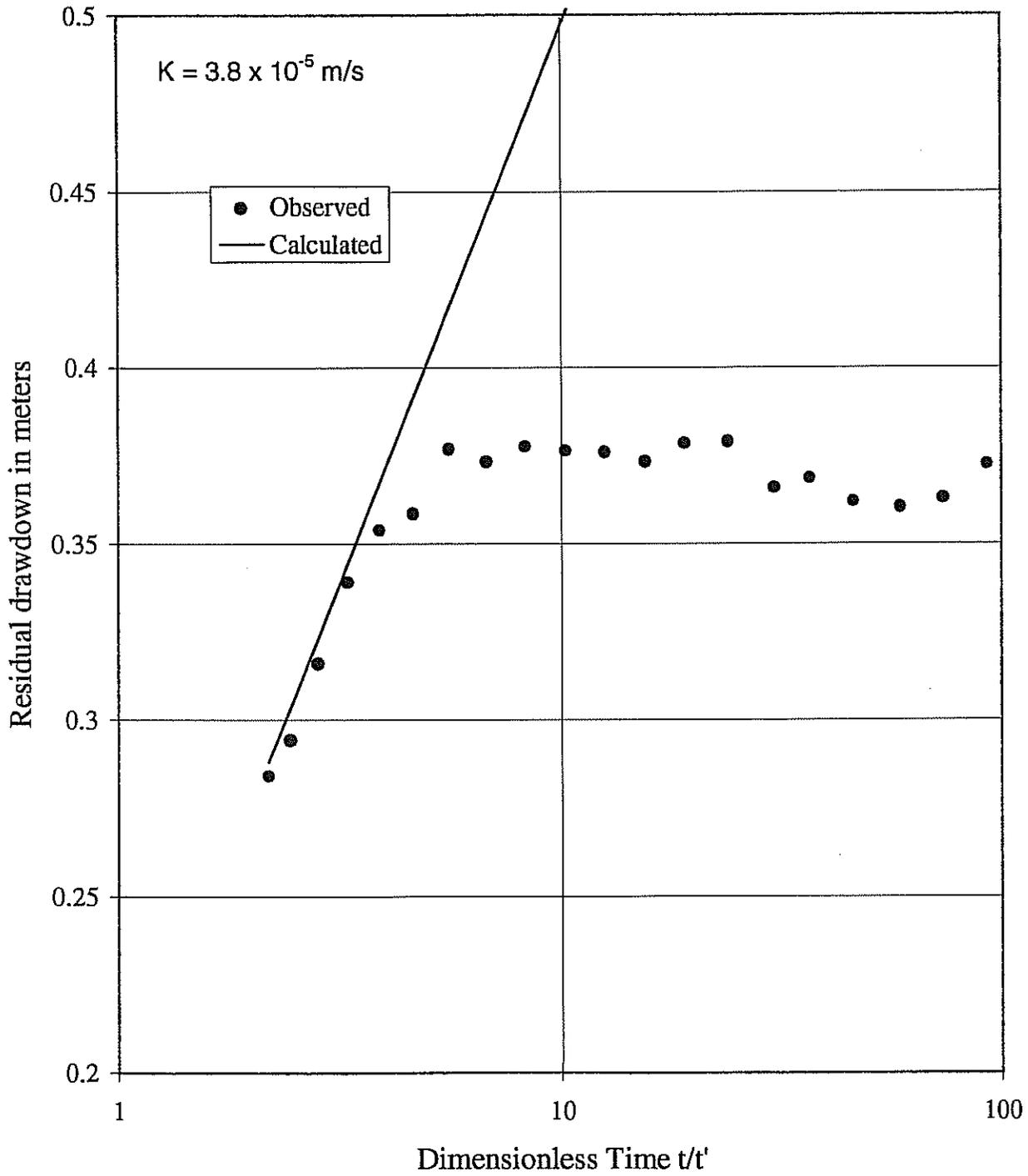
# Recovery of well 91-8 for 5gpm Pumping Test from MW91-8



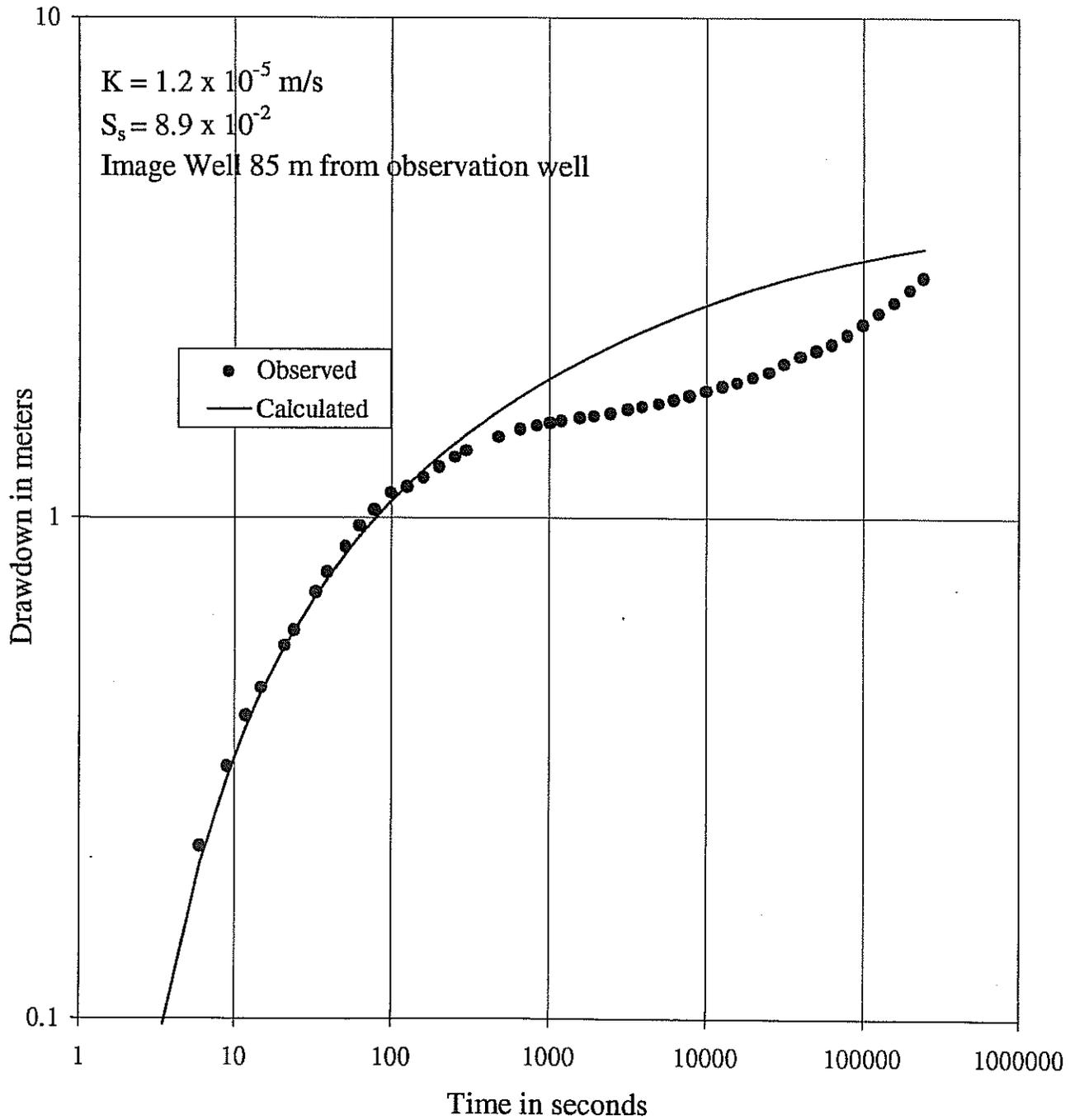
# Recovery of well 7-102 for 5gpm Pumping Test from MW91-8



# Recovery of well 91-7 for 5gpm Pumping Test from MW 91-8



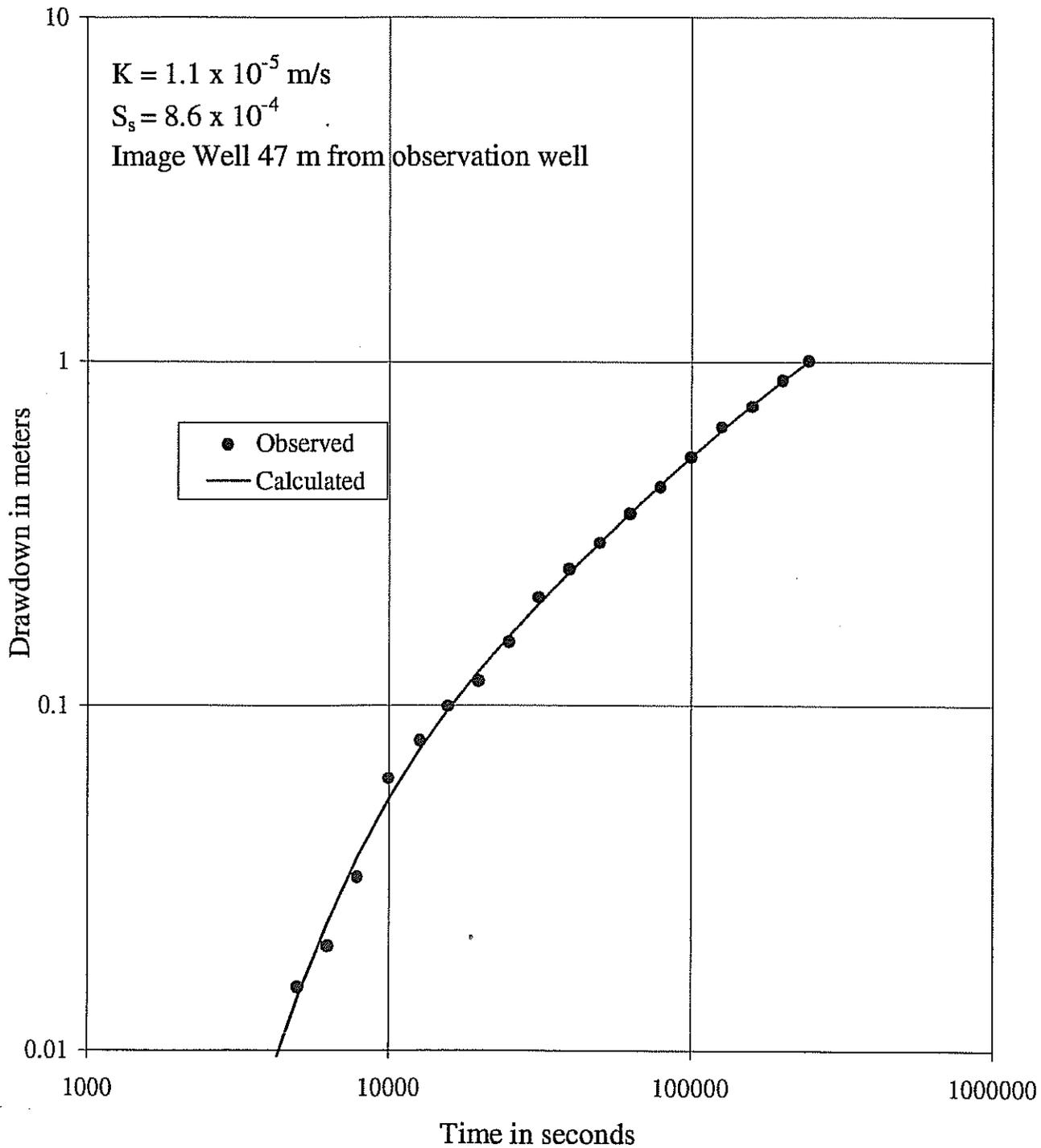
# Drawdown for Well 91-8 for 3gpm Pumping Test from MW91-8



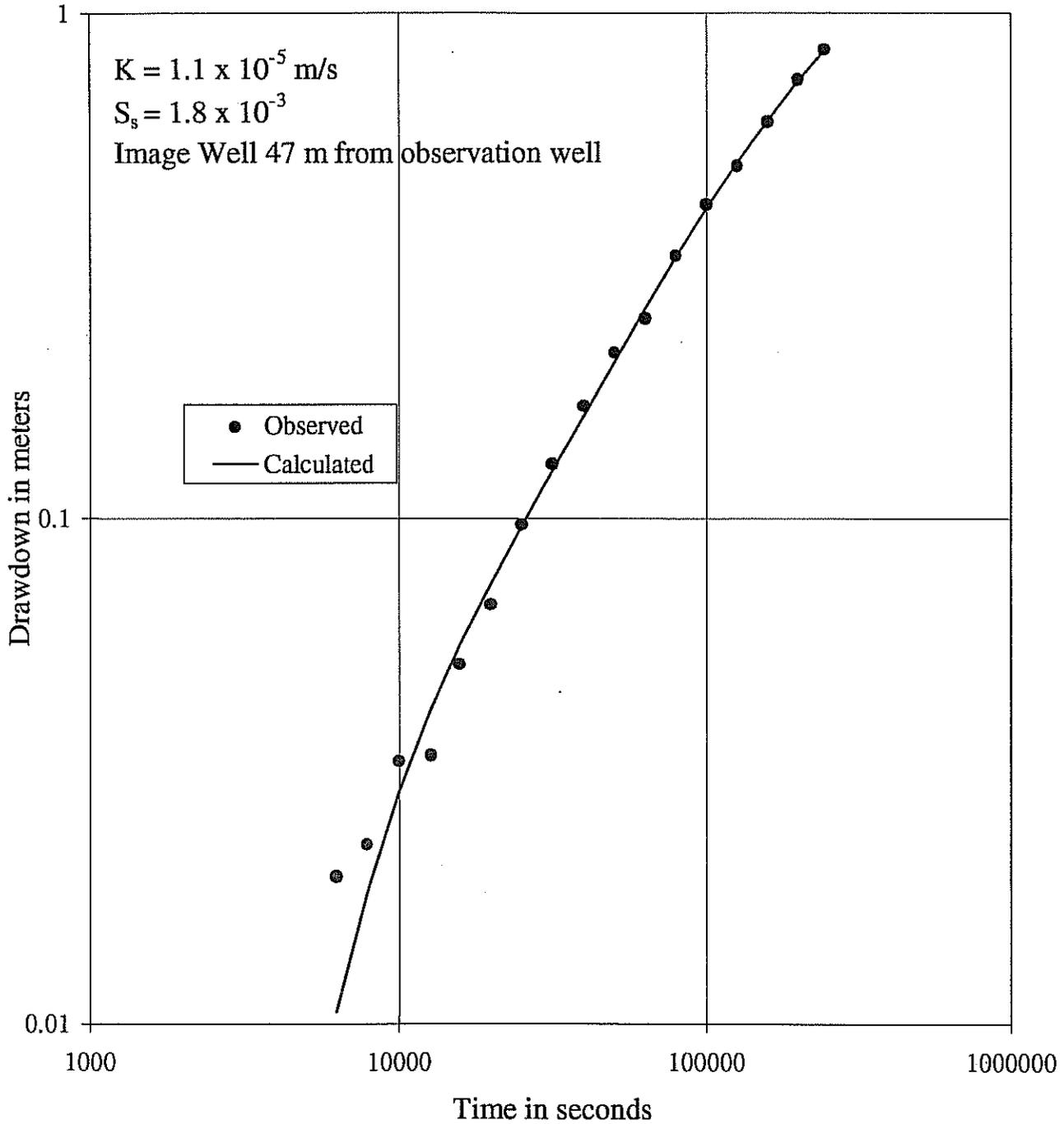


# Drawdown for Well 53-93-16 69' for 3gpm Pumping Test from MW91-8

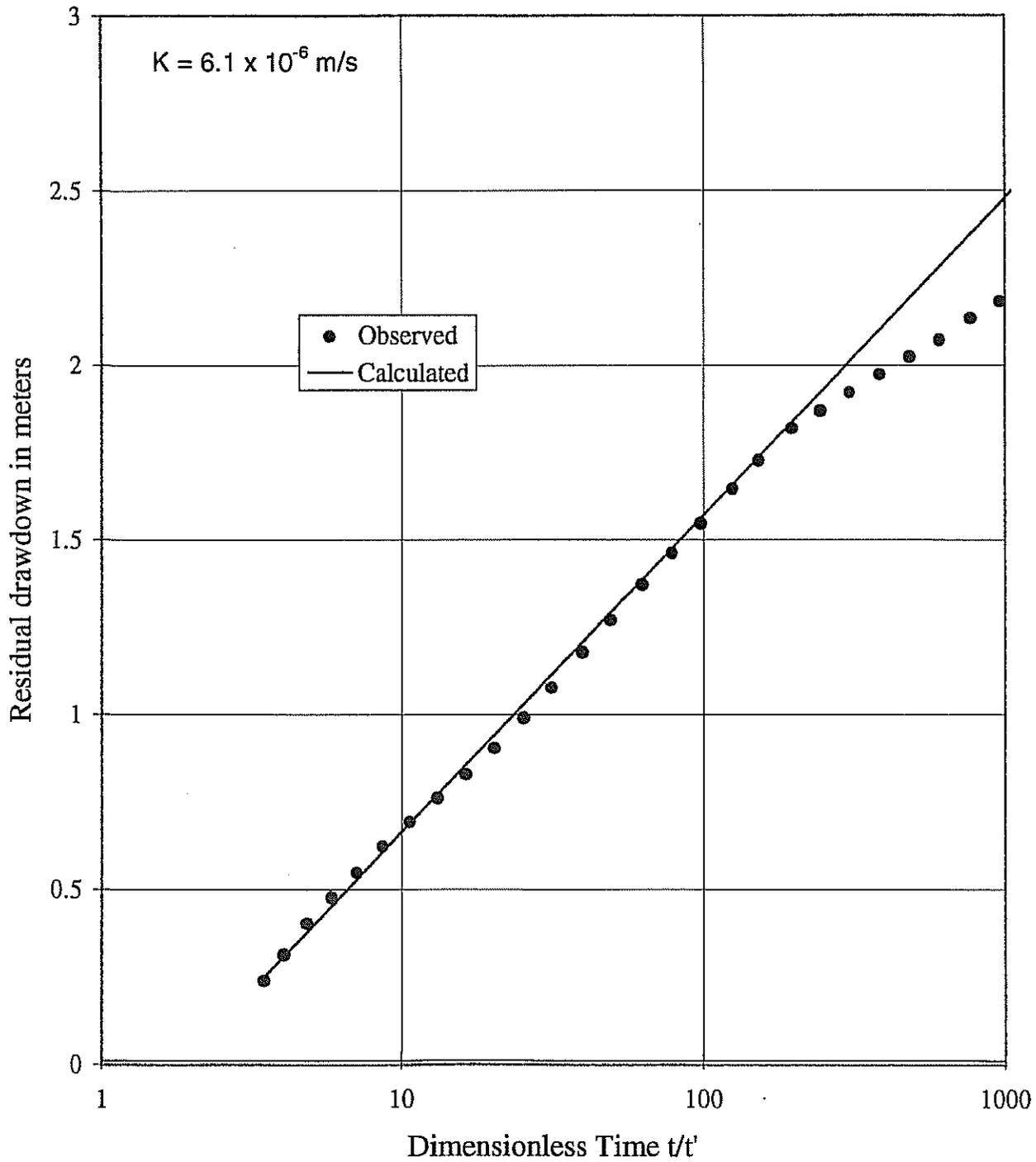
(well 53-93-16-69 used to be MW7-102)



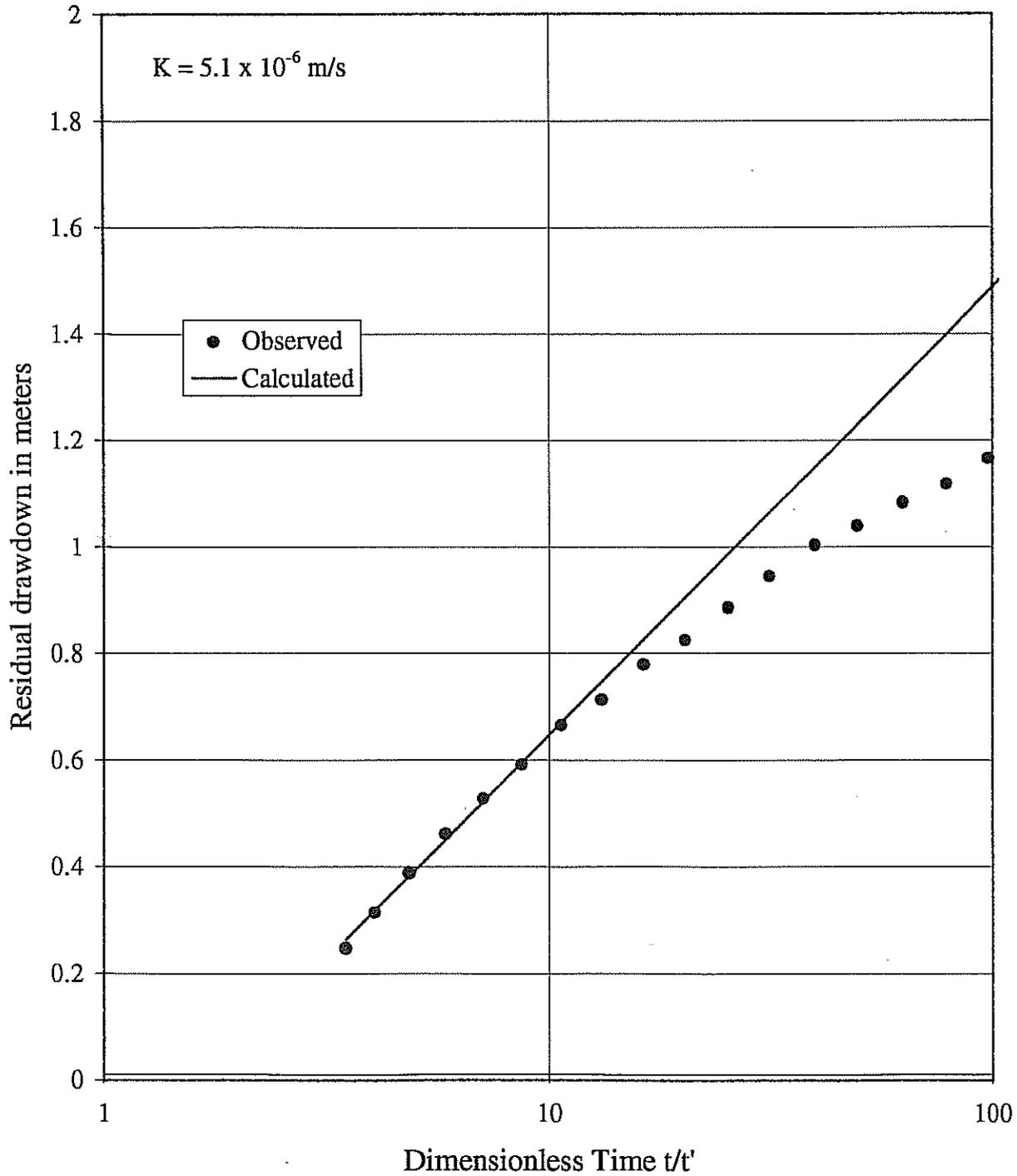
# Drawdown for Well 91-7 for 3gpm Pumping Test from MW91-8



# Recovery of well 91-8 for 3gpm Pumping Test from MW91-8

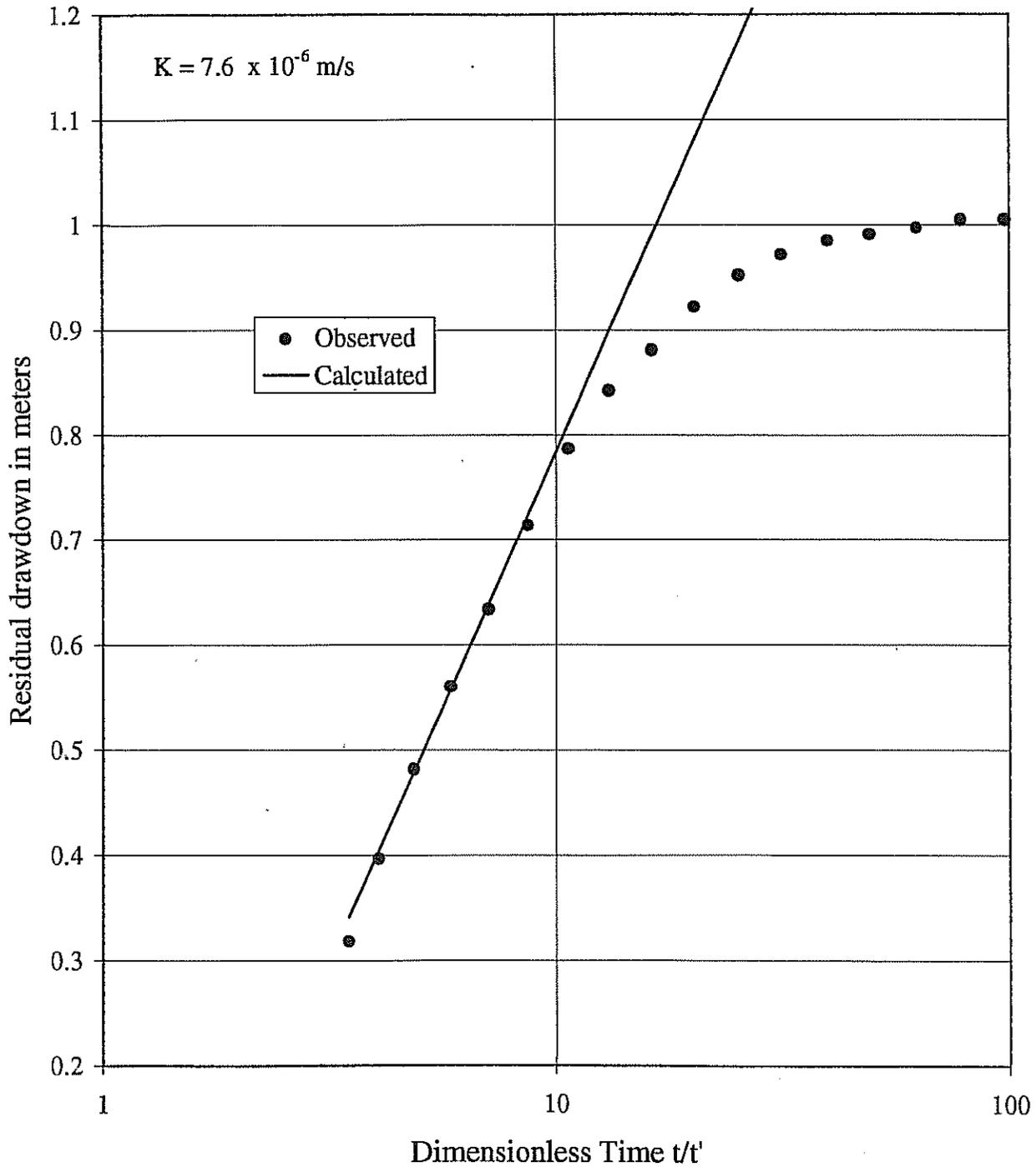


# Recovery of well 27-92-20 for 3gpm Pumping Test from MW91-8

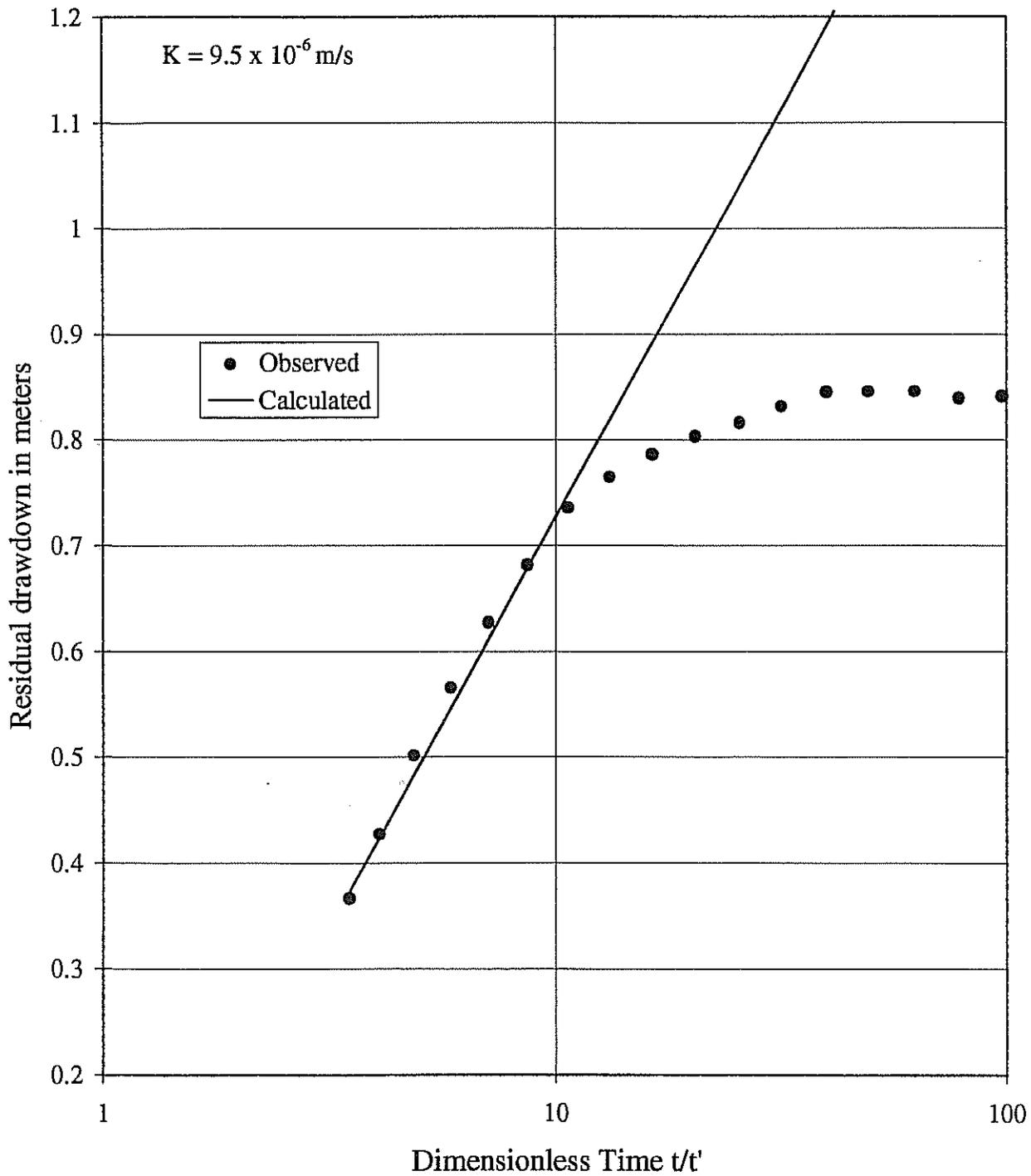


# Recovery of well 53-93-16-69' for 3gpm Pumping Test from MW91-8

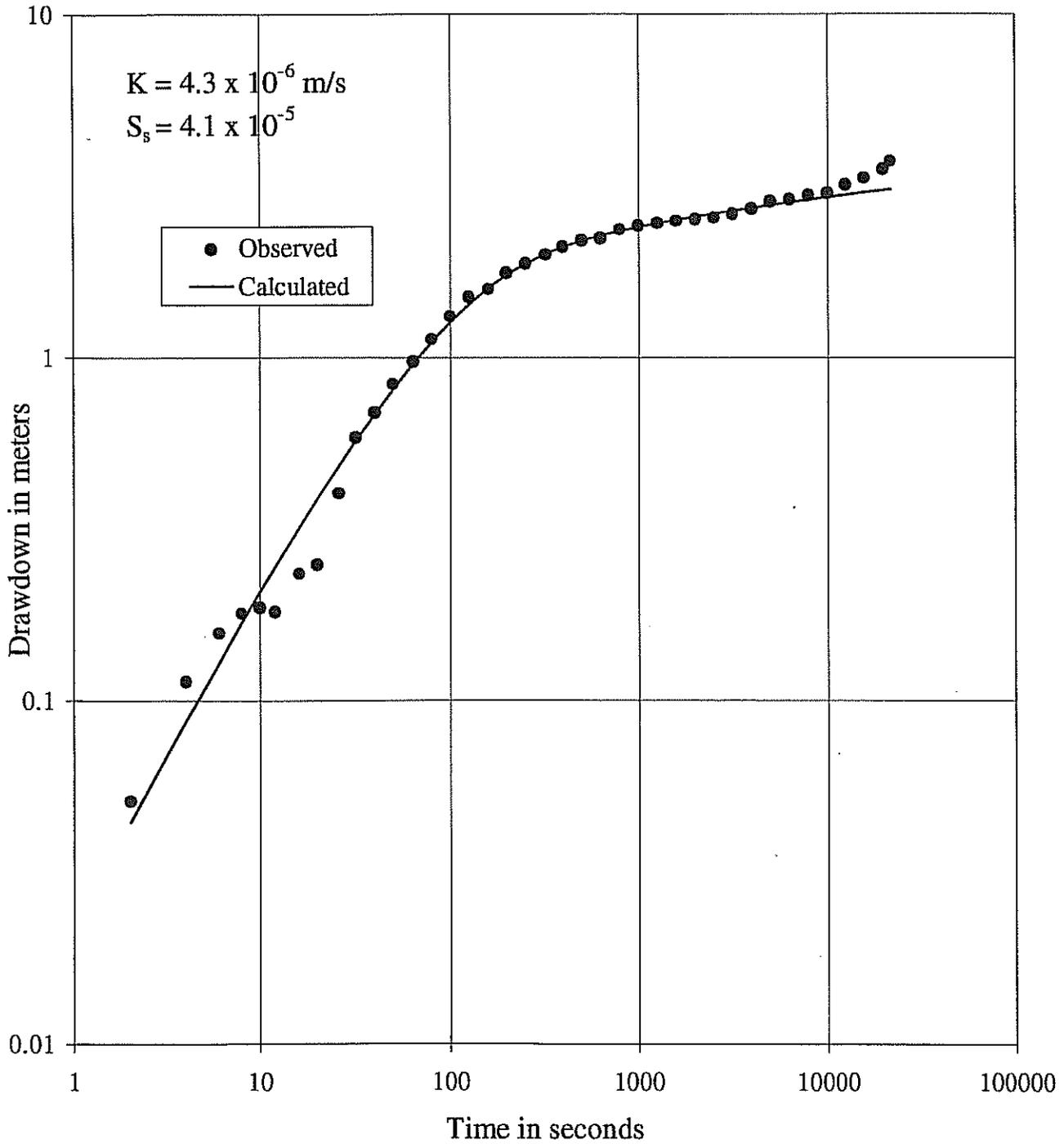
(well 53-93-16-69 used to be MW7-102)



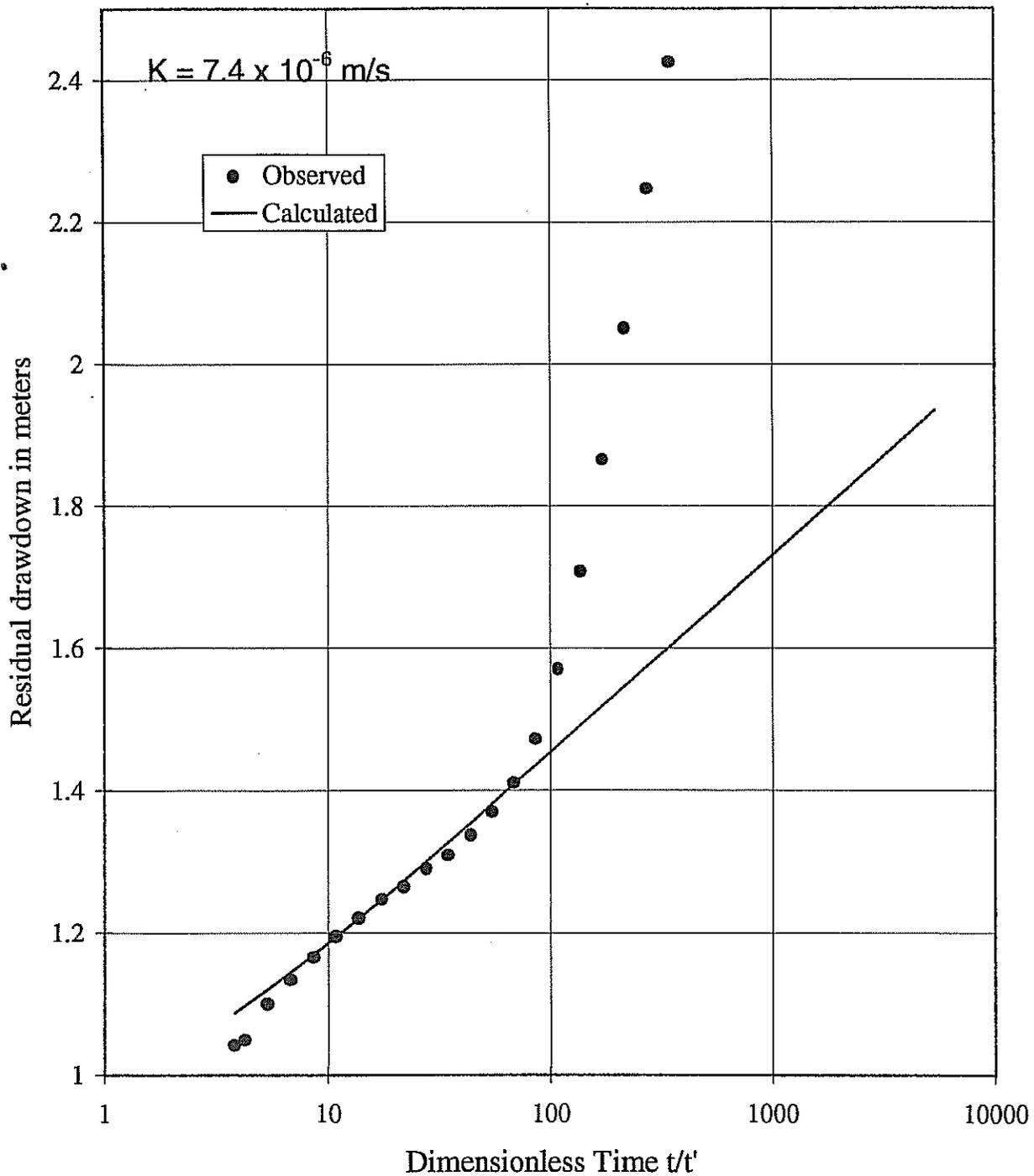
# Recovery of well 91-7 for 3gpm Pumping Test from MW91-8



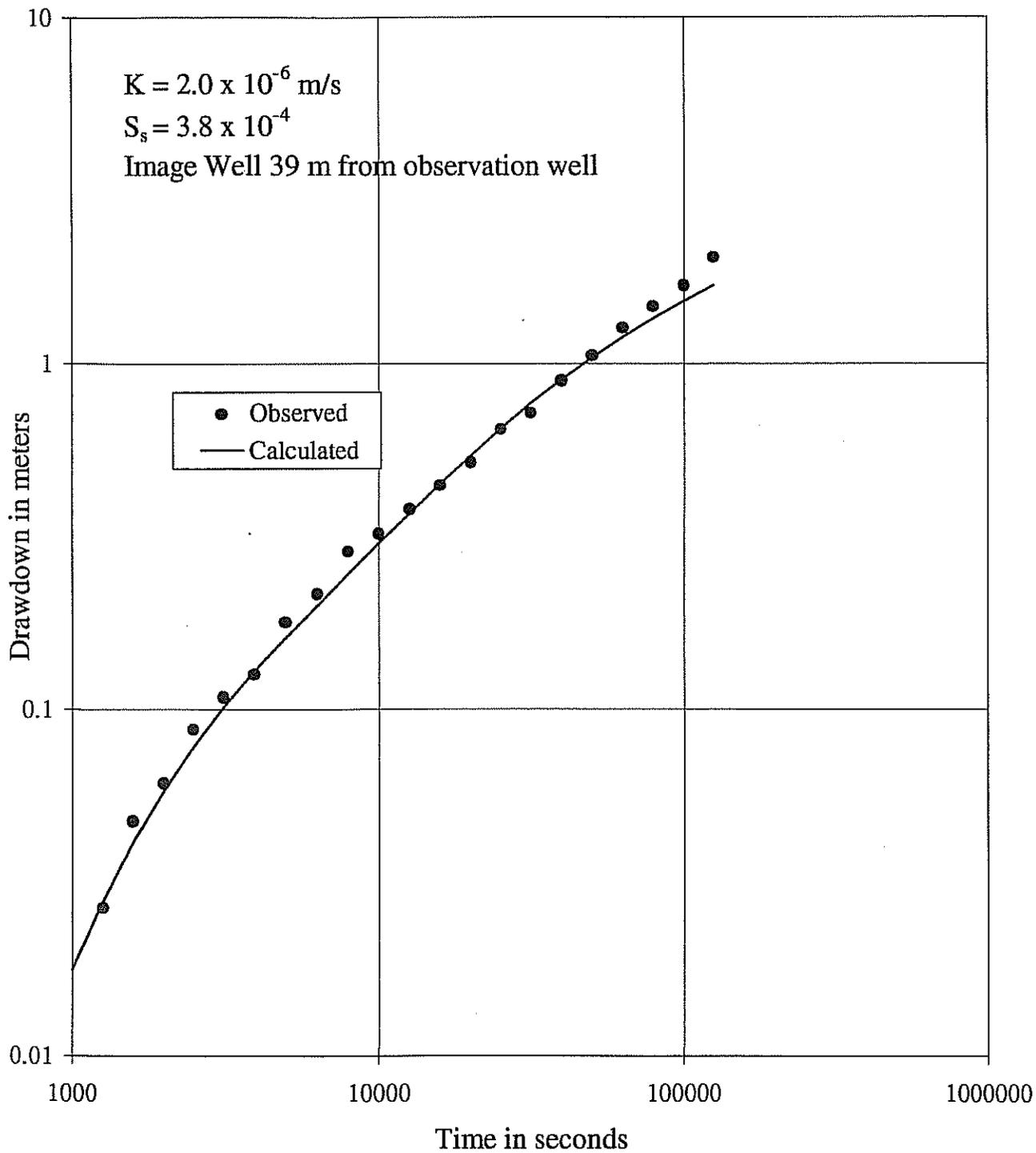
# Drawdown for Well 74-92-13 for Pumping Test from MW 74-92-13



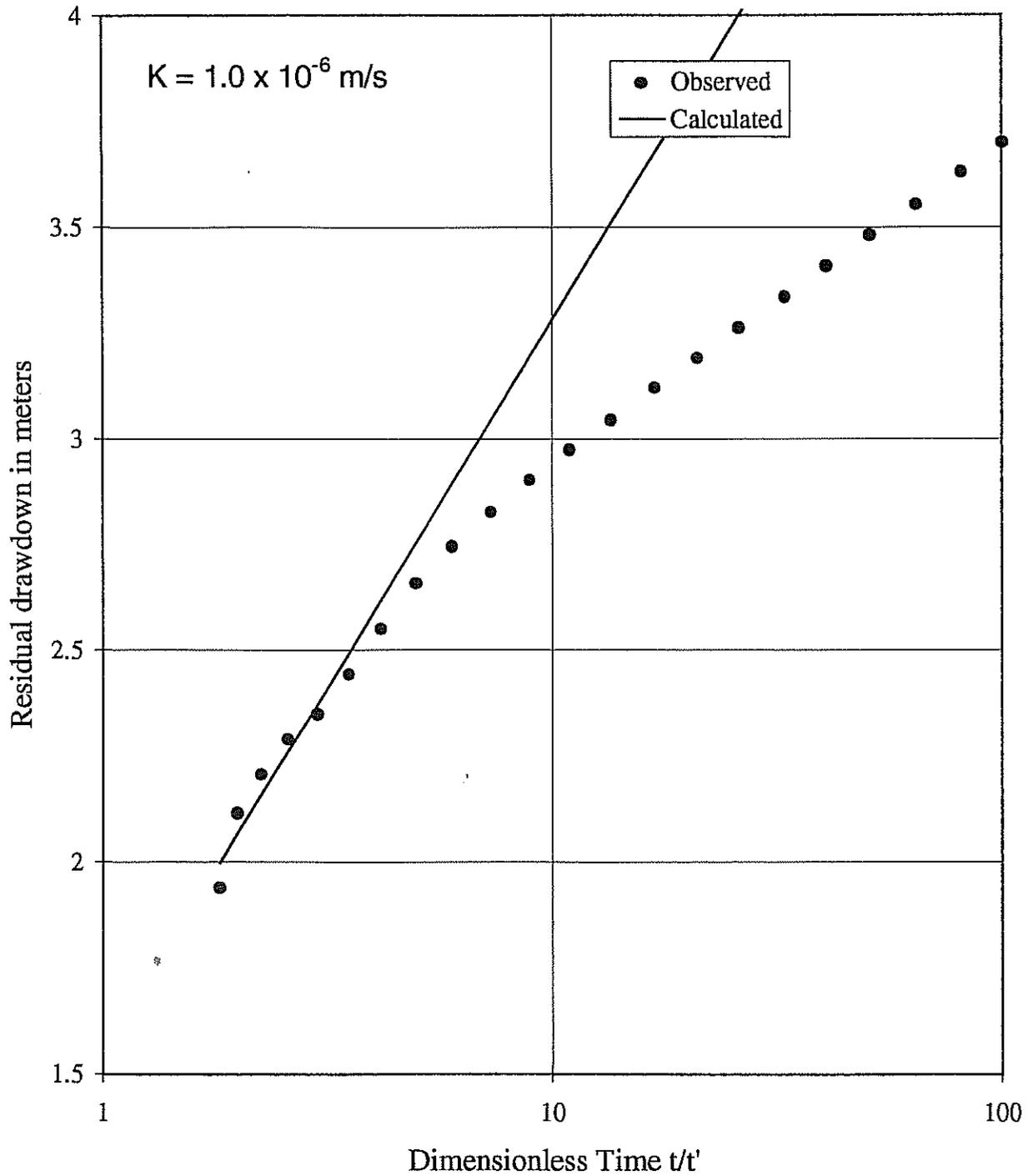
# Recovery of MW74-92-13 for Pumping Test from MW74-92-13



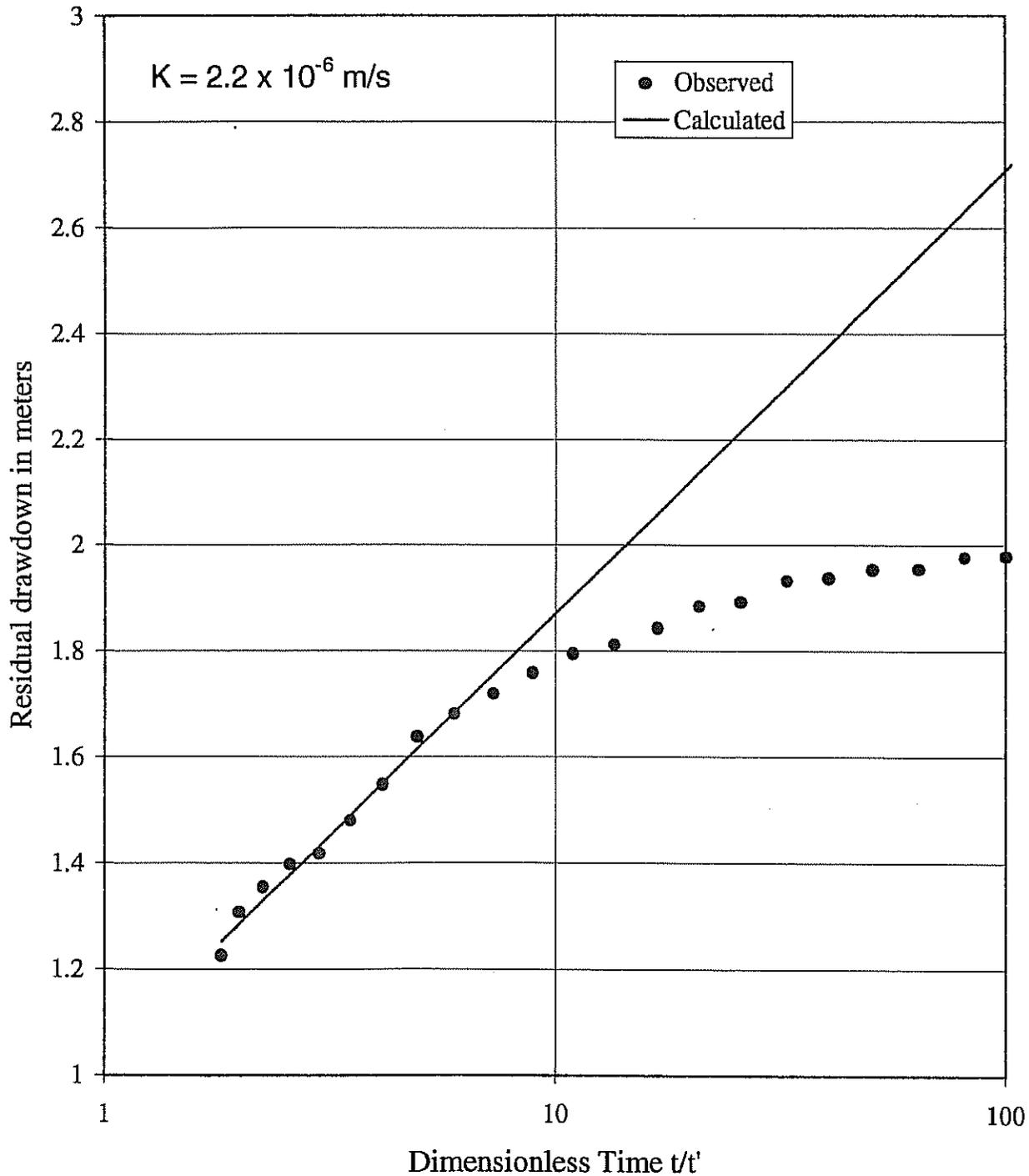
# Drawdown for Well 6-93-4 for Pumping Test from MW 7-92-16



# Recovery of MW7-92-16 for Pumping Test from MW7-92-16

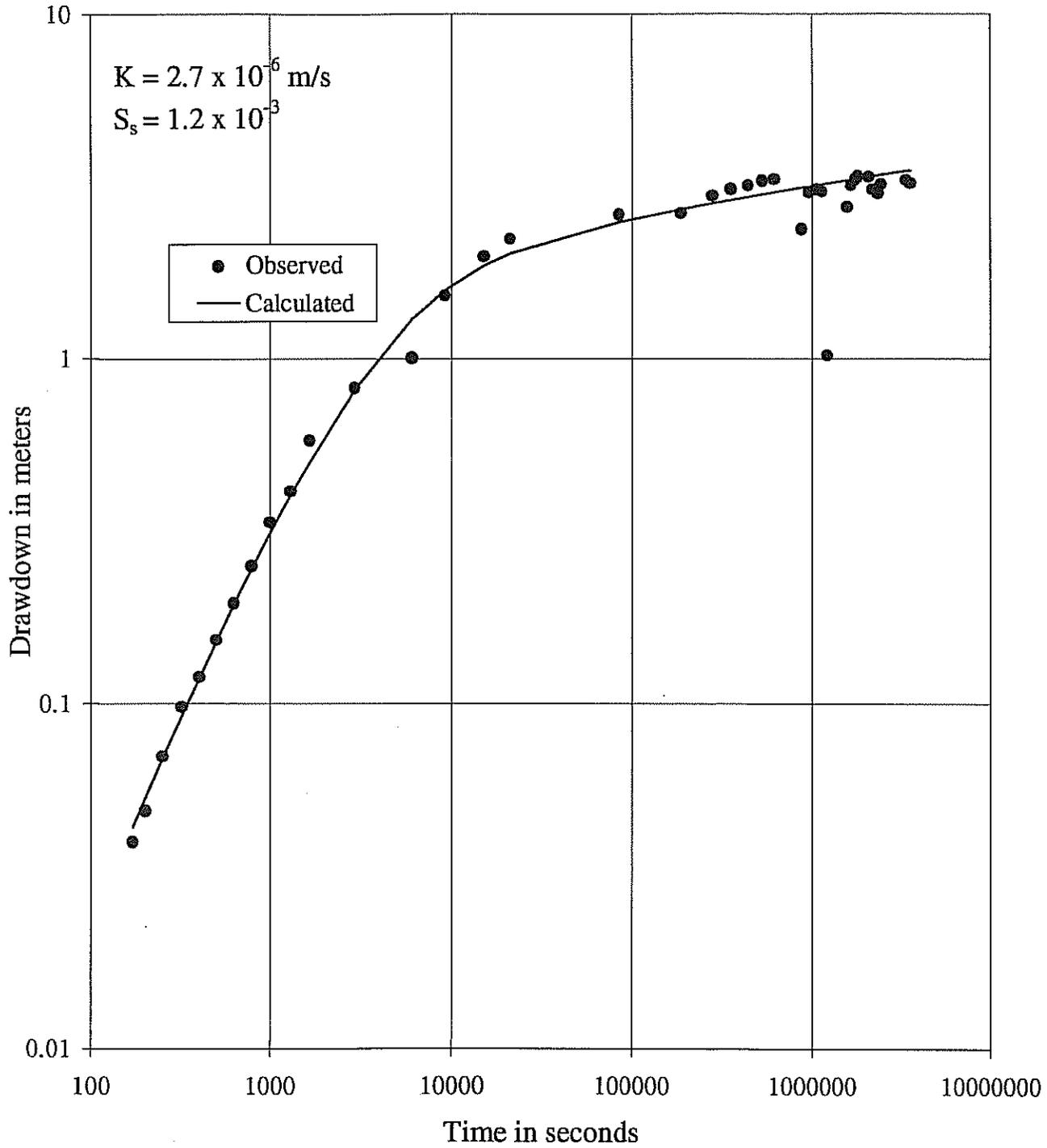


# Recovery of MW6-93-4 for Pumping Test from MW7-92-16

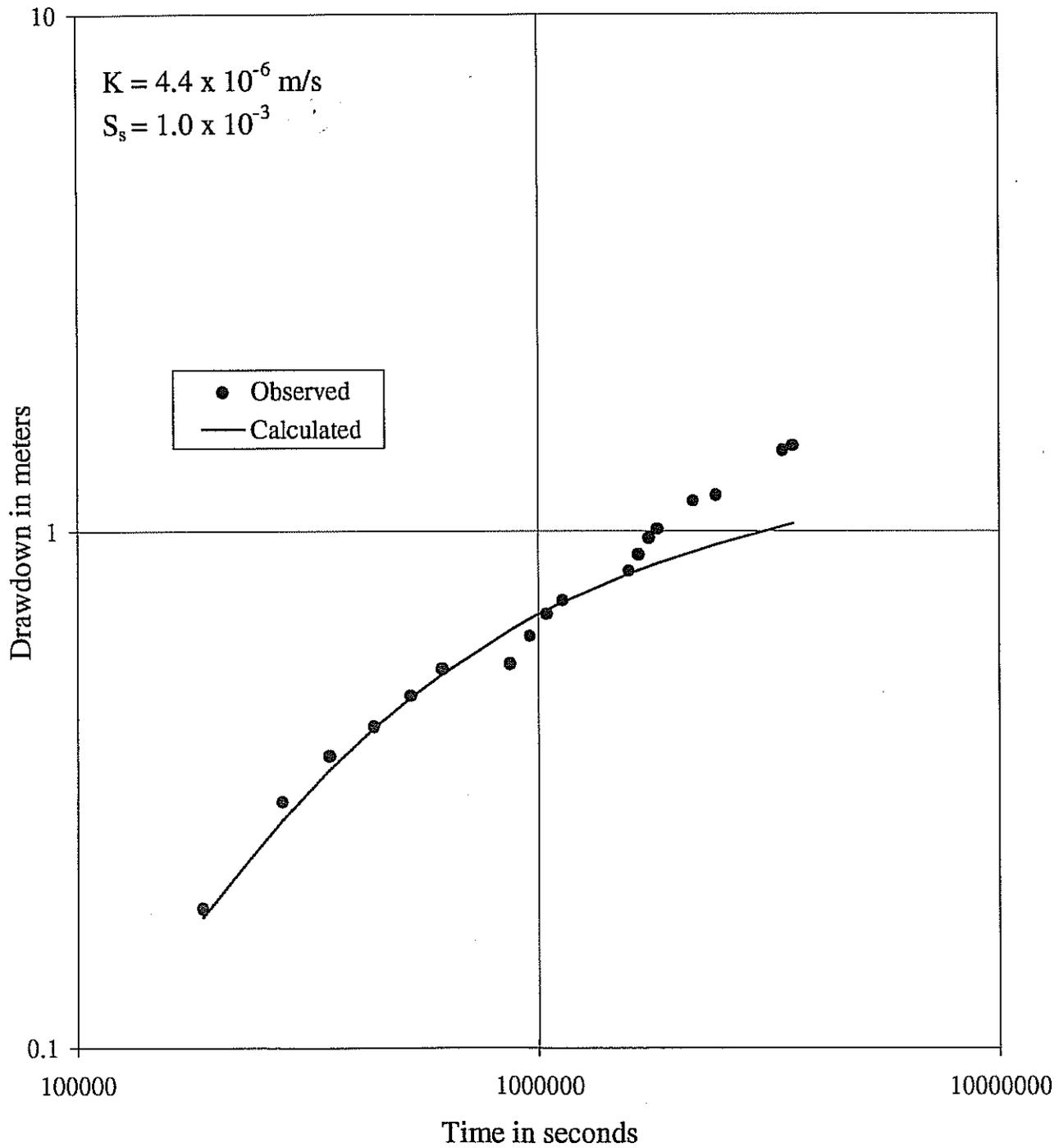




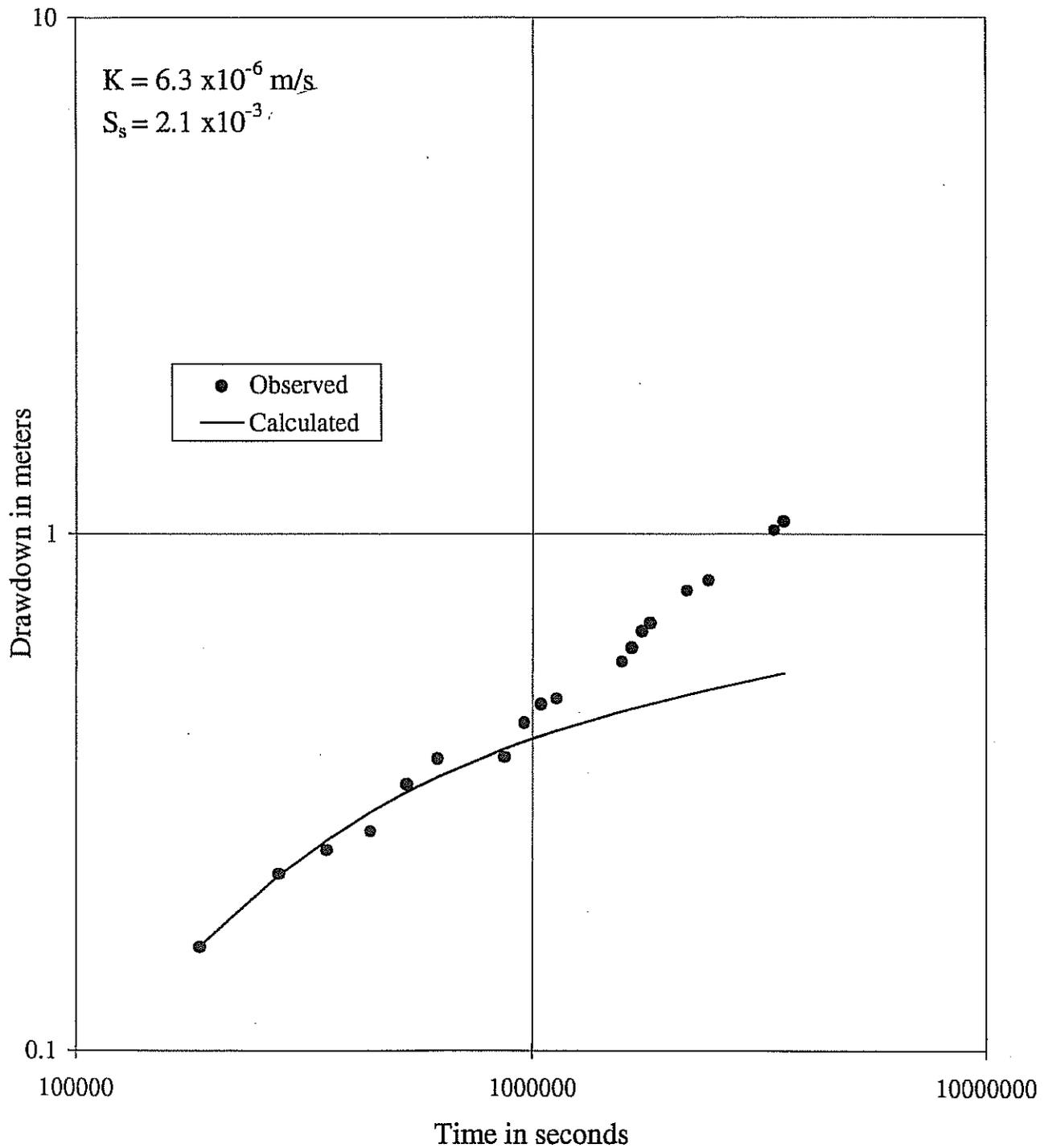
# Drawdown for Well 91-7 for Pumping Test from MW53-93-16-69'



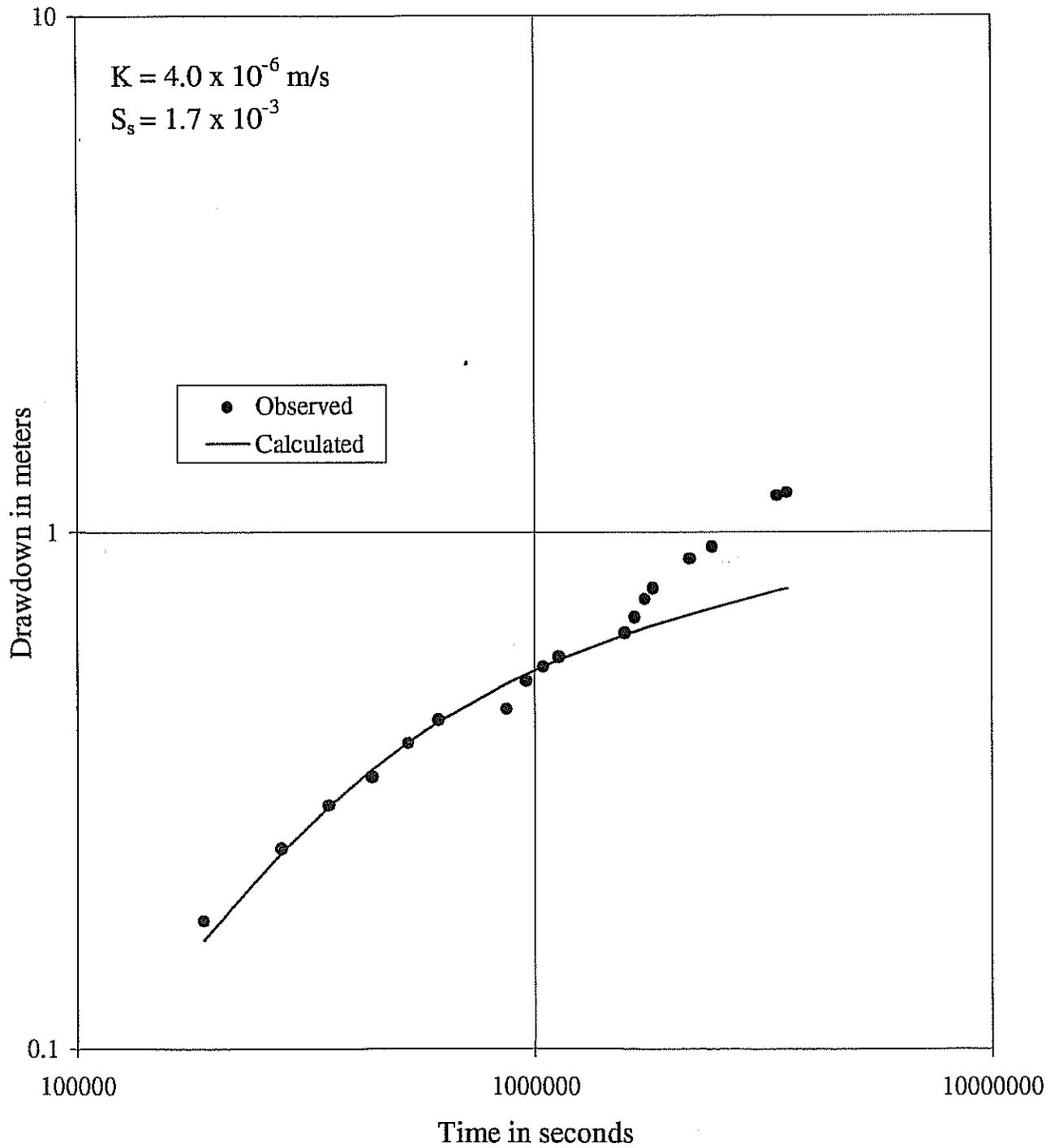
# Drawdown for Well 53-93-17 Pumping Test from MW53-93-16-69'



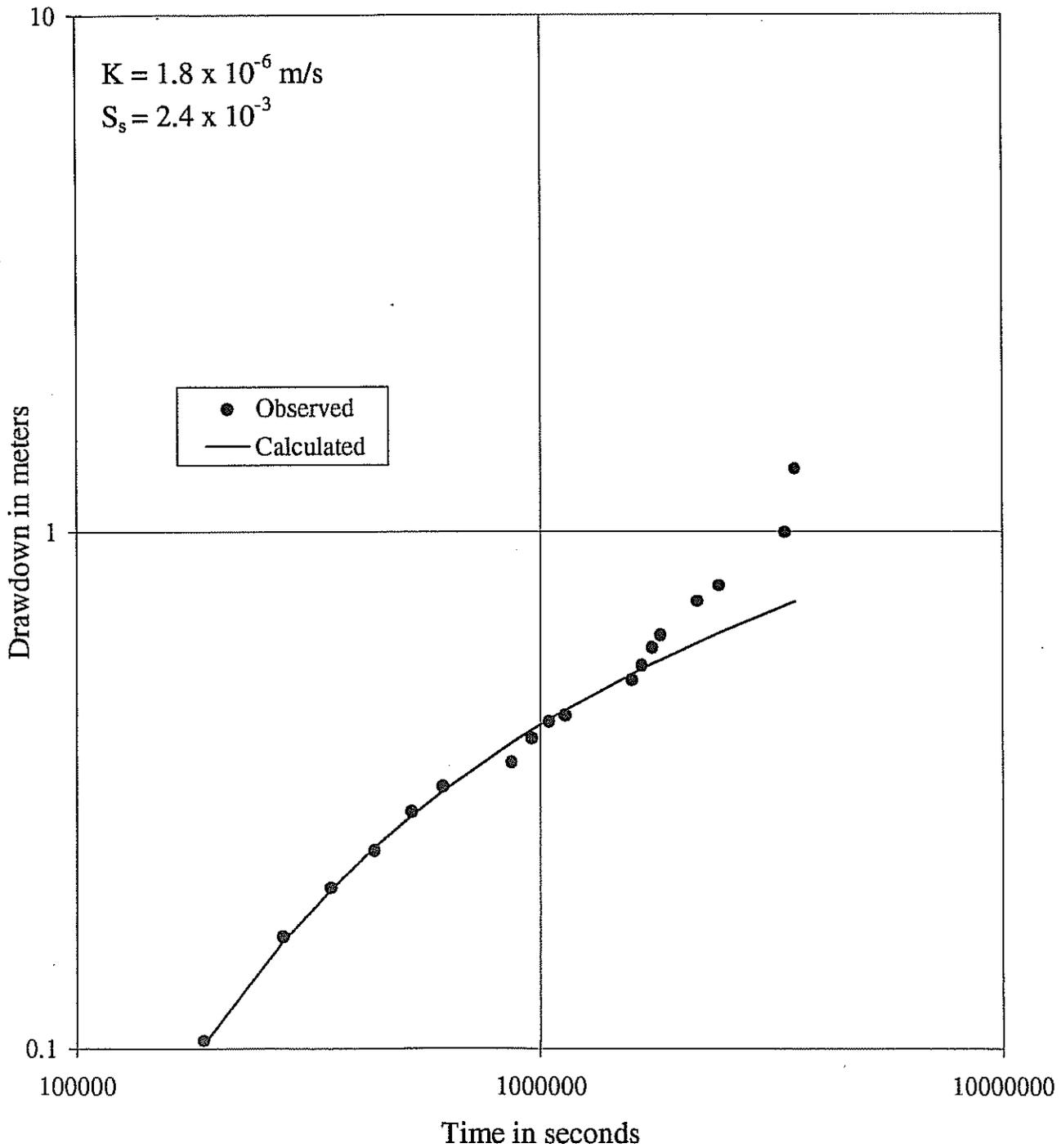
# Drawdown for Well 53-93-9 Pumping Test from MW53-93-16-69'



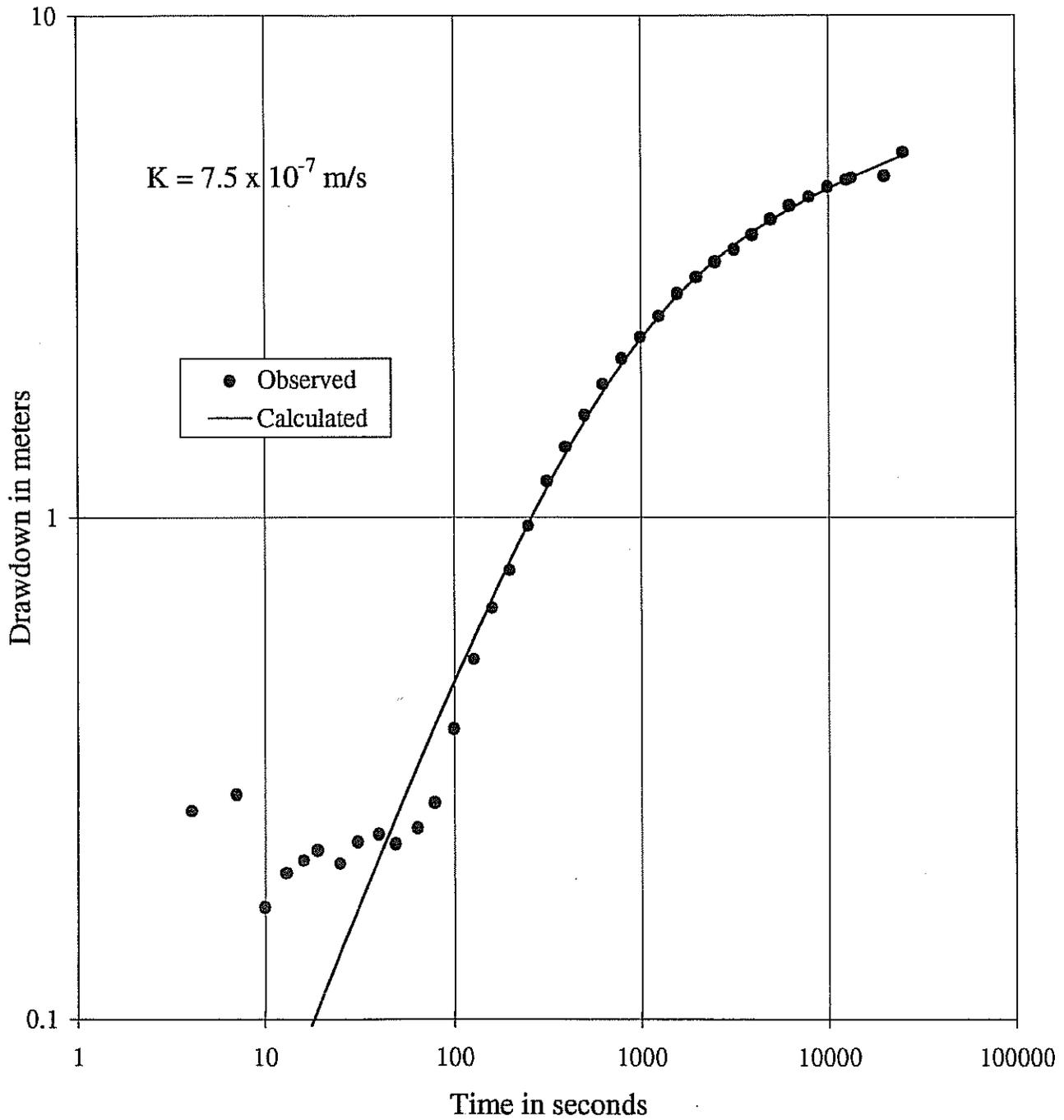
# Drawdown for Well 91-8 for Pumping Test from MW53-93-16-69'



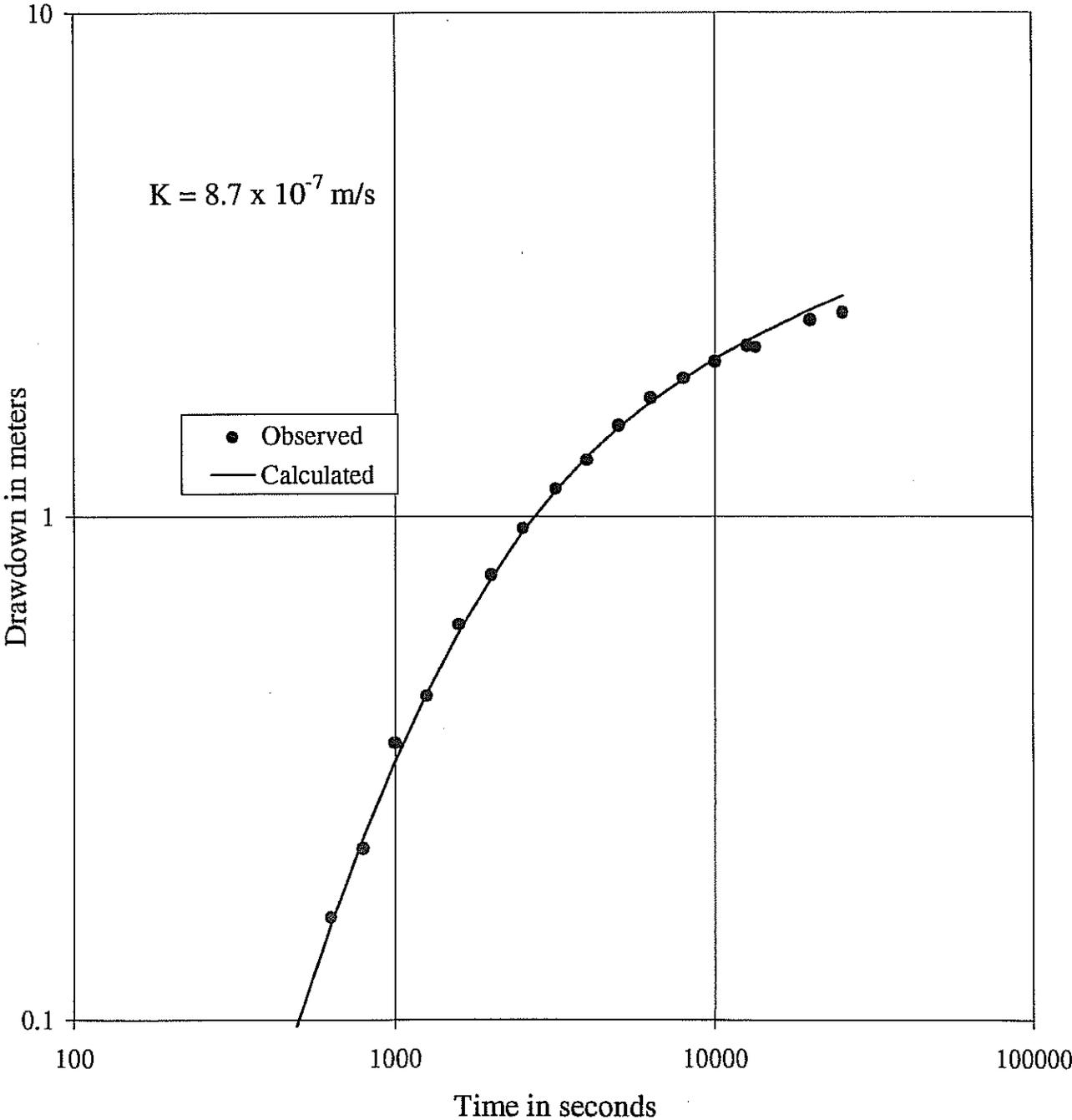
# Drawdown for Well 27-92-20 for Pumping Test from MW53-93-16-69'



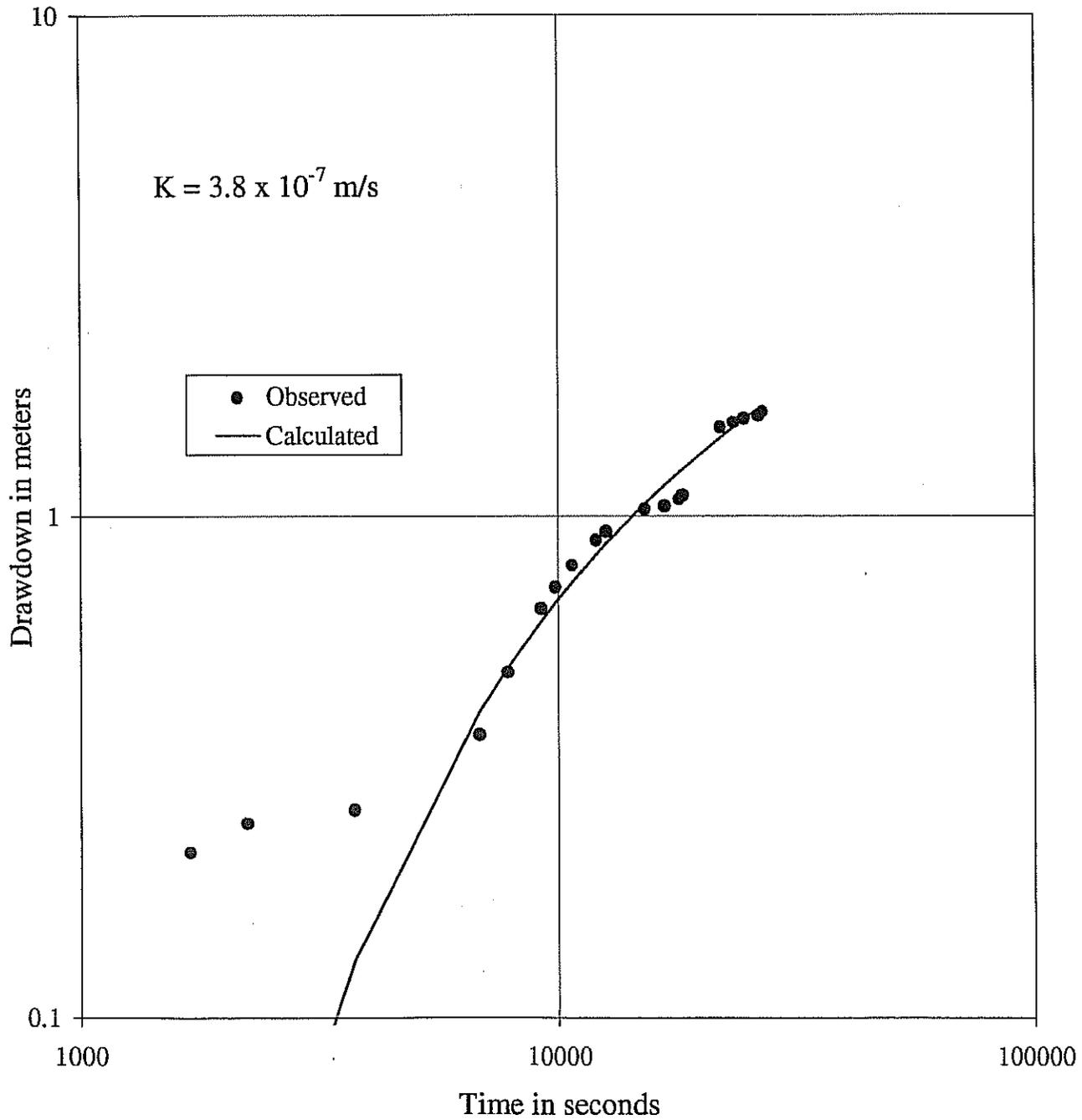
# Drawdown for SB58-95-1 for Pumping Test from SB58-95-1



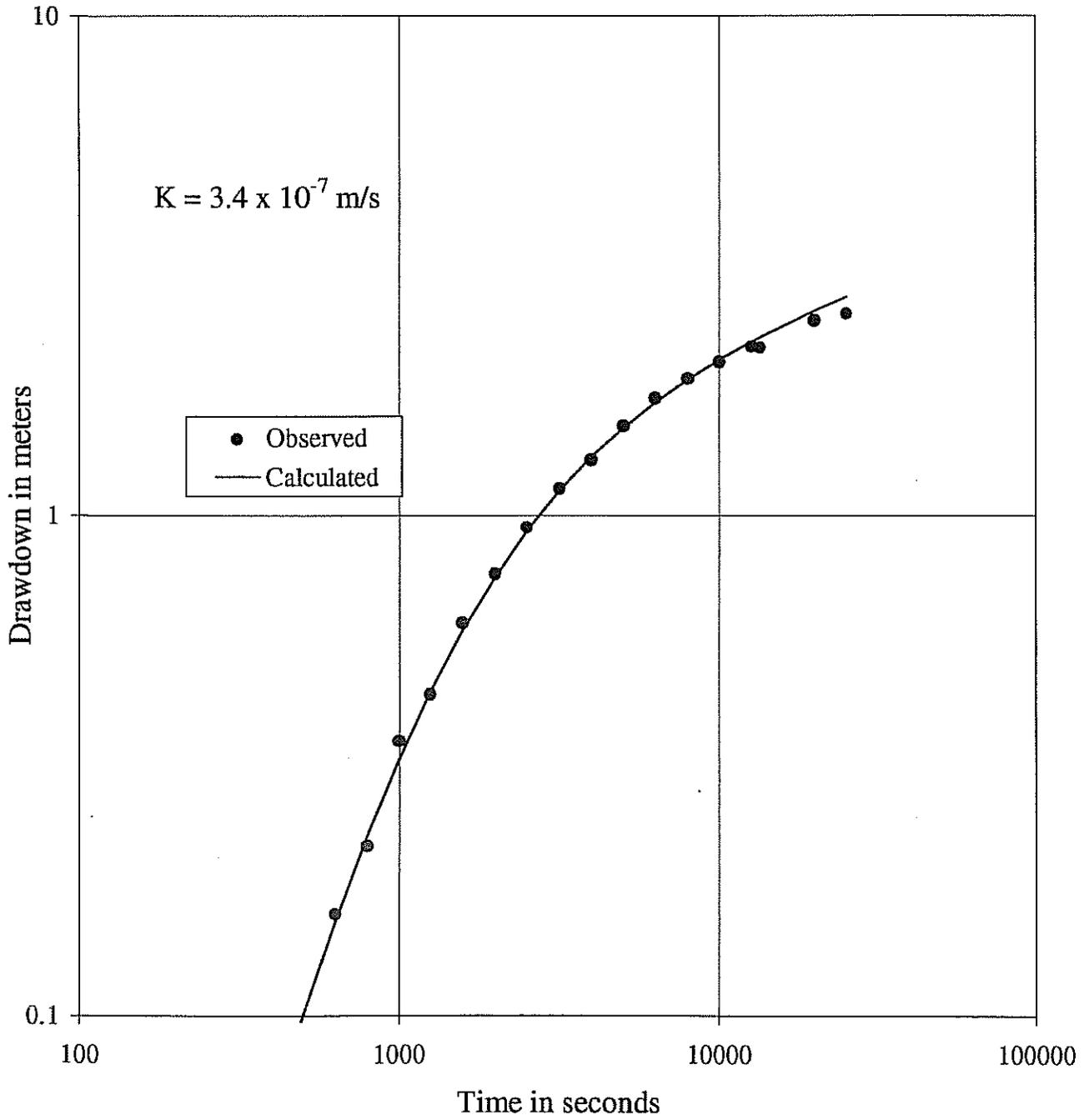
# Drawdown for MW58-93-3 for Pumping Test from SB58-95-1



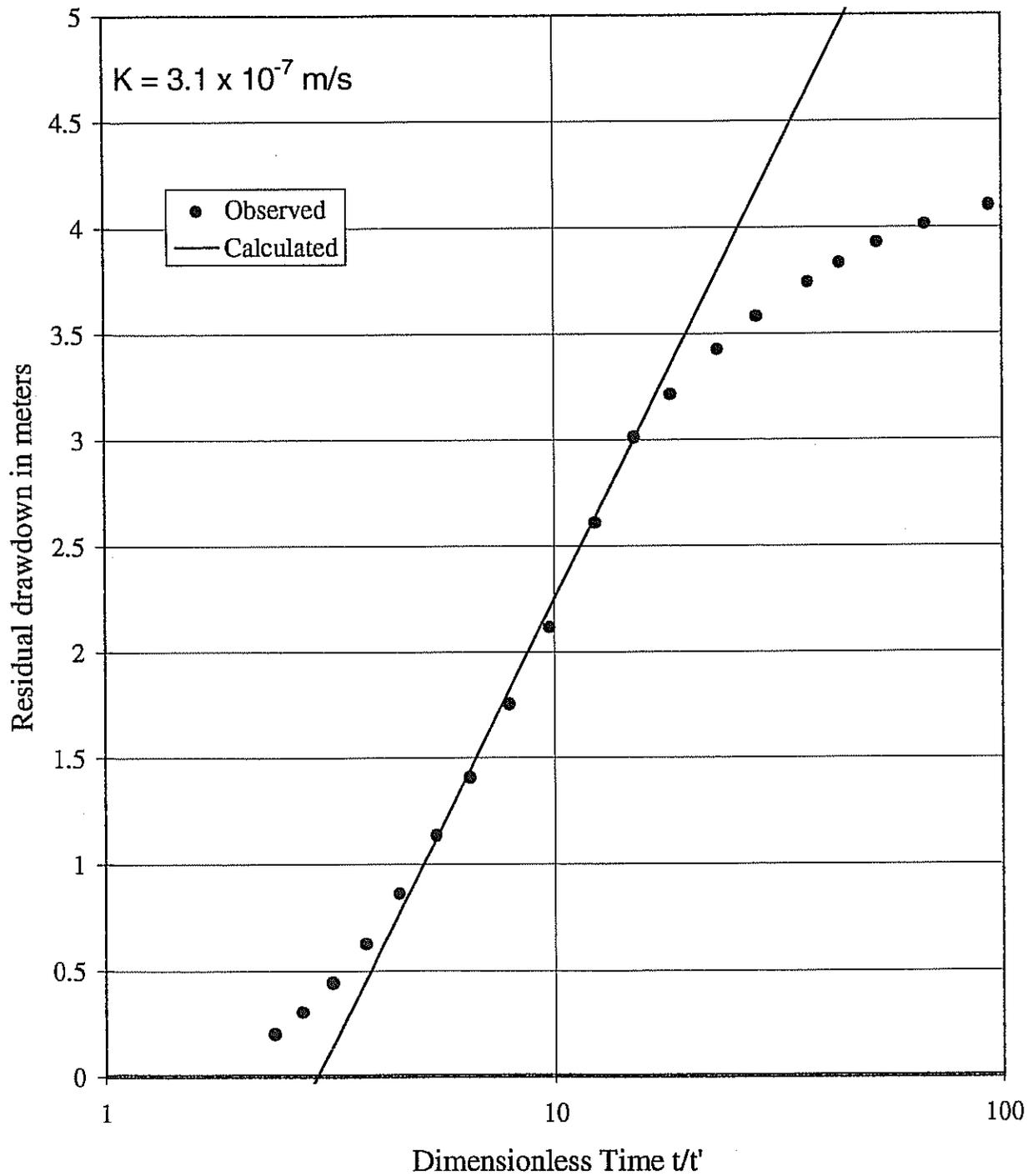
# Drawdown for MW58-95-11 for Pumping Test from SB58-95-1



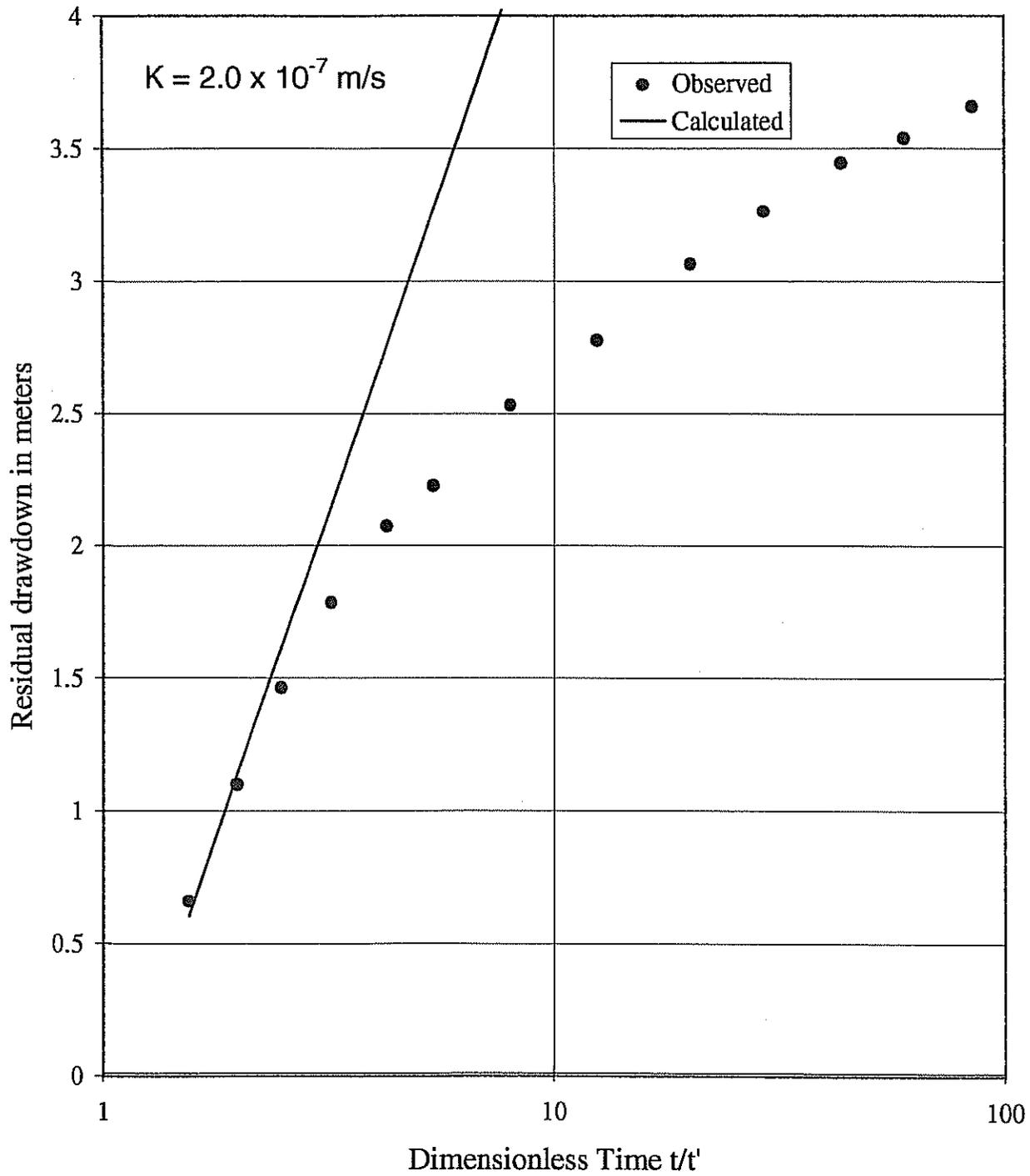
# Drawdown for SB58-95-2 for Pumping Test from SB58-95-1



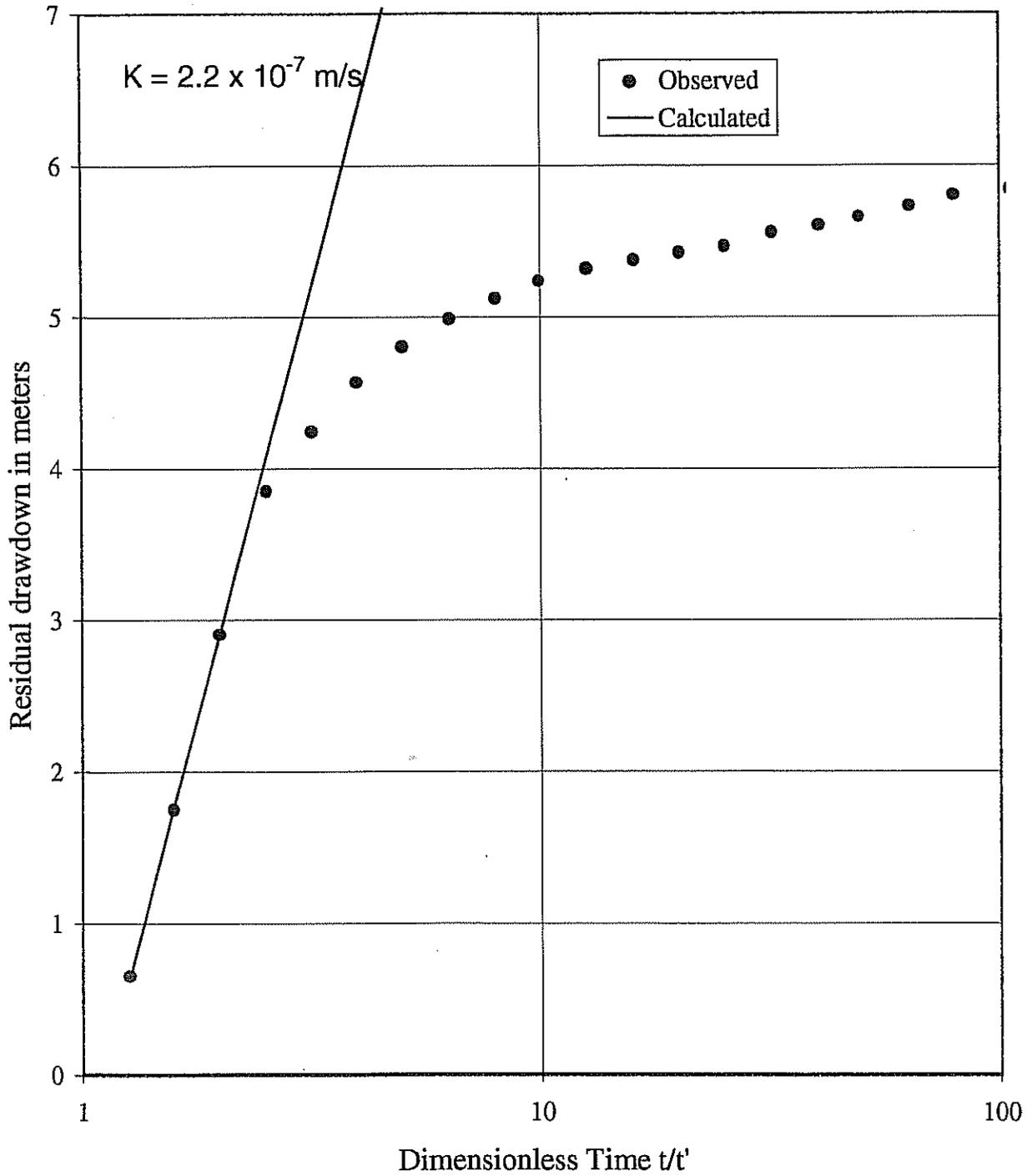
# Recovery of SB58-95-1 for Pumping Test from SB58-95-1



# Recovery of SB58-95-2 for Pumping Test from SB58-95-2



# Recovery of MW58-93-3 for Pumping Test from MW58-93-3



# Recovery of MW58-95-11 for Pumping Test from MW58-95-11

