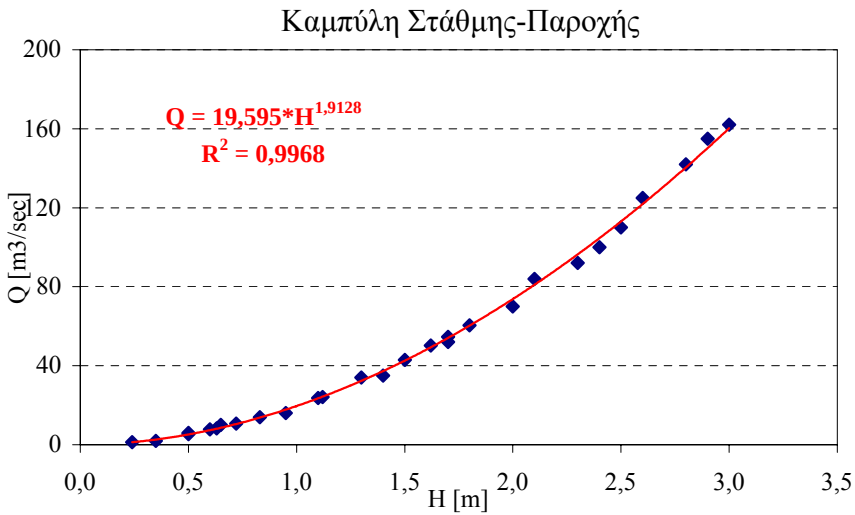
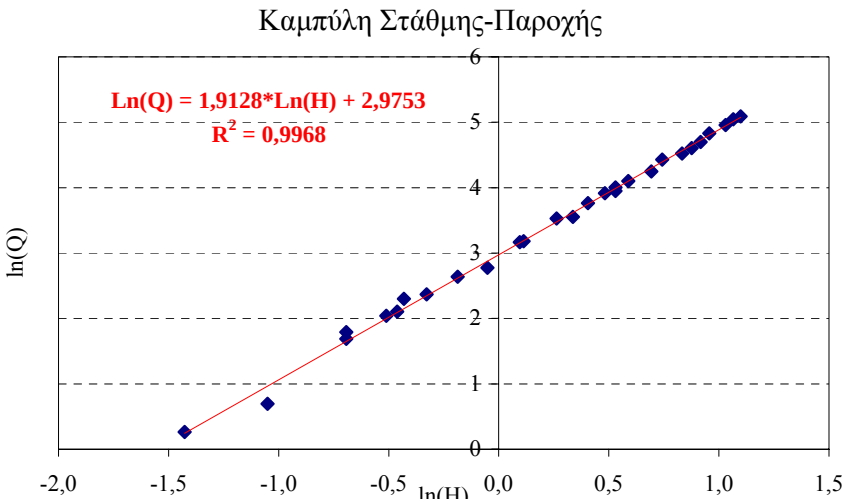


| Ημερομηνία | Στάθμη' [m] | Παροχή [m³/s] | ln(H) | ln(Q) |
|------------|-------------|---------------|-------|-------|
| 20/3/2002  | 1,80        | 60,5          | 0,59  | 4,10  |
| 29/4/2002  | 1,40        | 35,0          | 0,34  | 3,56  |
| 27/5/2002  | 0,65        | 10,0          | -0,43 | 2,30  |
| 23/6/2002  | 0,50        | 6,0           | -0,69 | 1,79  |
| 20/7/2002  | 0,63        | 8,2           | -0,46 | 2,10  |
| 25/8/2002  | 0,24        | 1,3           | -1,43 | 0,26  |
| 20/9/2002  | 1,30        | 34,0          | 0,26  | 3,53  |
| 15/10/2002 | 2,10        | 84,0          | 0,74  | 4,43  |
| 13/11/2002 | 1,12        | 24,1          | 0,11  | 3,18  |
| 29/11/2002 | 1,70        | 52,0          | 0,53  | 3,95  |
| 23/12/2002 | 0,72        | 10,7          | -0,33 | 2,37  |
| 12/1/2003  | 2,90        | 155,0         | 1,06  | 5,04  |
| 30/1/2003  | 2,40        | 100,0         | 0,88  | 4,61  |
| 27/2/2003  | 2,30        | 92,0          | 0,83  | 4,52  |
| 4/3/2003   | 1,62        | 50,2          | 0,48  | 3,92  |
| 10/3/2003  | 1,10        | 23,7          | 0,10  | 3,17  |
| 28/4/2003  | 0,95        | 16,0          | -0,05 | 2,77  |
| 17/5/2003  | 0,83        | 14,0          | -0,19 | 2,64  |
| 18/6/2003  | 0,50        | 5,4           | -0,69 | 1,69  |
| 20/7/2003  | 0,60        | 7,7           | -0,51 | 2,04  |
| 21/8/2003  | 0,35        | 2,0           | -1,05 | 0,69  |
| 22/9/2003  | 1,50        | 43,0          | 0,41  | 3,76  |
| 24/10/2003 | 1,70        | 54,7          | 0,53  | 4,00  |
| 25/11/2003 | 2,50        | 110,0         | 0,92  | 4,70  |
| 27/12/2003 | 2,60        | 125,0         | 0,96  | 4,83  |
| 1/1/2004   | 3,00        | 162,0         | 1,10  | 5,09  |
| 7/1/2004   | 2,80        | 142,0         | 1,03  | 4,96  |
| 1/4/2004   | 2,00        | 70,0          | 0,69  | 4,25  |

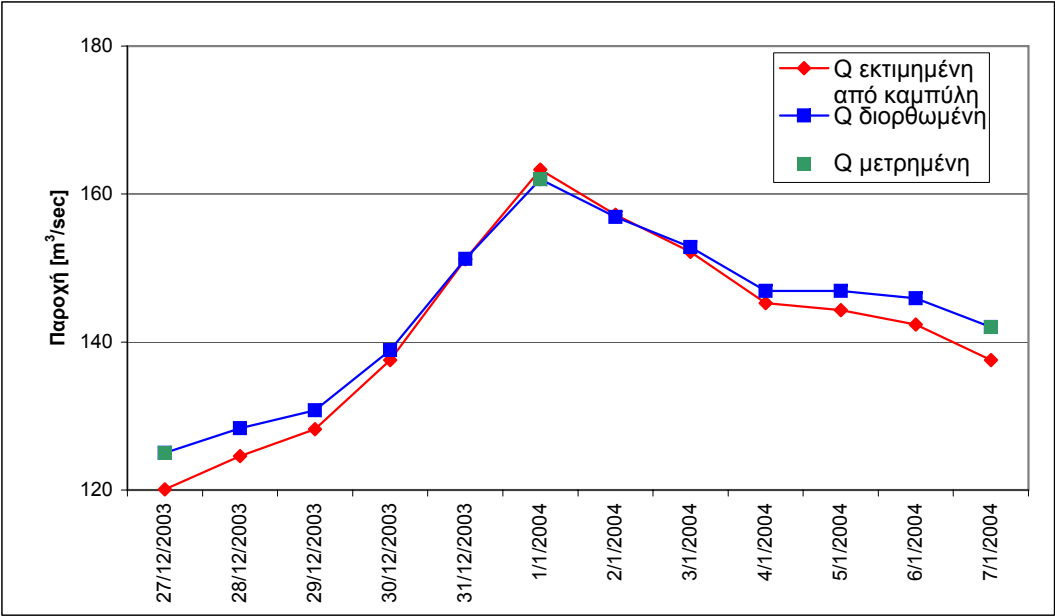
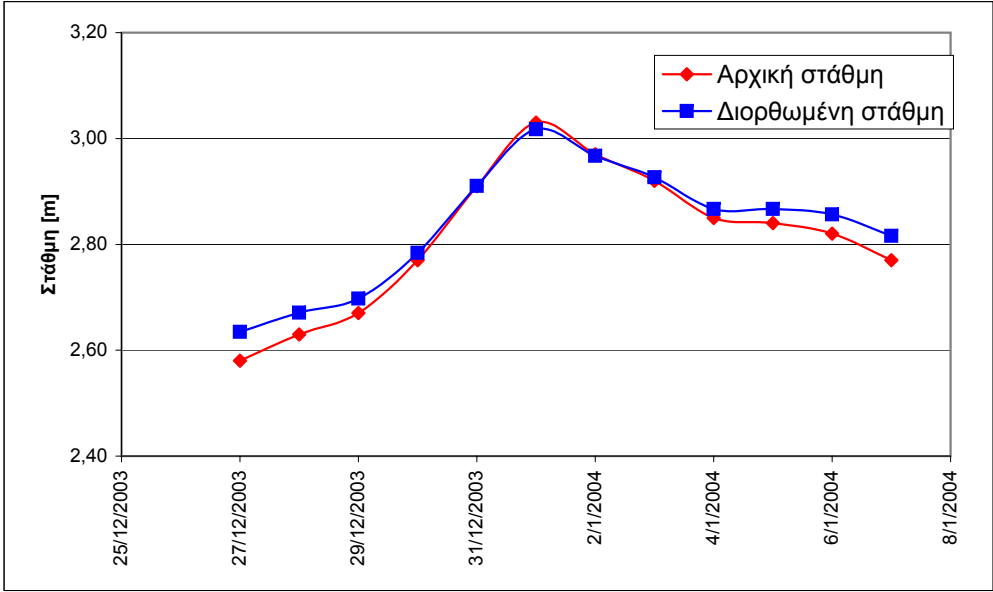
$Q=a \cdot H^b$  όπου  $b$ =slope  
 $H=e^{((\ln Q-\ln a)/b)}$   $\ln a$ =intercept  
και  $a=e^{\ln a}$

| SLOPE  | INTERCEPT | EXP(lna) |
|--------|-----------|----------|
| 1,9128 | 2,9753    | 19,5947  |



| A/A | Ημερομηνία | Στάθμη [m] | Στάθμη' [m] | Παροχή [m³/s] | Q <sub>ΕΚΤ.</sub> [m³/sec] | h <sub>ΕΚΤ.</sub> [m] | Βήμα  | Δh[m] | h <sub>διορθ.</sub> [m] | Q <sub>διορθ.</sub> [m³/sec] |
|-----|------------|------------|-------------|---------------|----------------------------|-----------------------|-------|-------|-------------------------|------------------------------|
| 1   | 27/12/2003 | 2,58       | 2,60        | 125,0         | 120,1                      | 2,63                  |       | -0,05 | 2,63                    | 125,00                       |
| 2   | 28/12/2003 | 2,63       |             |               | 124,6                      |                       |       | -0,04 | 2,67                    | 128,33                       |
| 3   | 29/12/2003 | 2,67       |             |               | 128,2                      |                       | -0,01 | -0,03 | 2,70                    | 130,78                       |
| 4   | 30/12/2003 | 2,77       |             |               | 137,6                      |                       |       | -0,01 | 2,78                    | 138,92                       |
| 5   | 31/12/2003 | 2,91       |             |               | 151,2                      |                       |       | 0,00  | 2,91                    | 151,24                       |
| 6   | 1/1/2004   | 3,03       | 3,00        | 162,0         | 163,3                      | 3,02                  |       | 0,01  | 3,02                    | 162,00                       |
| 7   | 2/1/2004   | 2,97       |             |               | 157,2                      |                       |       | 0,00  | 2,97                    | 156,89                       |
| 8   | 3/1/2004   | 2,92       |             |               | 152,2                      |                       | 0,01  | -0,01 | 2,93                    | 152,85                       |
| 9   | 4/1/2004   | 2,85       |             |               | 145,3                      |                       |       | -0,02 | 2,87                    | 146,90                       |
| 10  | 5/1/2004   | 2,84       |             |               | 144,3                      |                       |       | -0,03 | 2,87                    | 146,89                       |
| 11  | 6/1/2004   | 2,82       |             |               | 142,4                      |                       |       | -0,04 | 2,86                    | 145,90                       |
| 12  | 7/1/2004   | 2,77       | 2,80        | 142,0         | 137,6                      | 2,82                  |       | -0,05 | 2,82                    | 142,00                       |

Ίδια με τα  
Q<sub>ΕΚΤ.</sub>



Στάθμη 3,00 m  
 Παροχή 162,00 m<sup>3</sup>/sec  
 Πλάτος 20 m  
 Μέγιστο Ύψος 6 m  
 Ανάντη κλίση 0,005  
 A 60 m<sup>2</sup>  
 Βρεχόμενη Περίμετρος 26 m  
 R 2,31 m

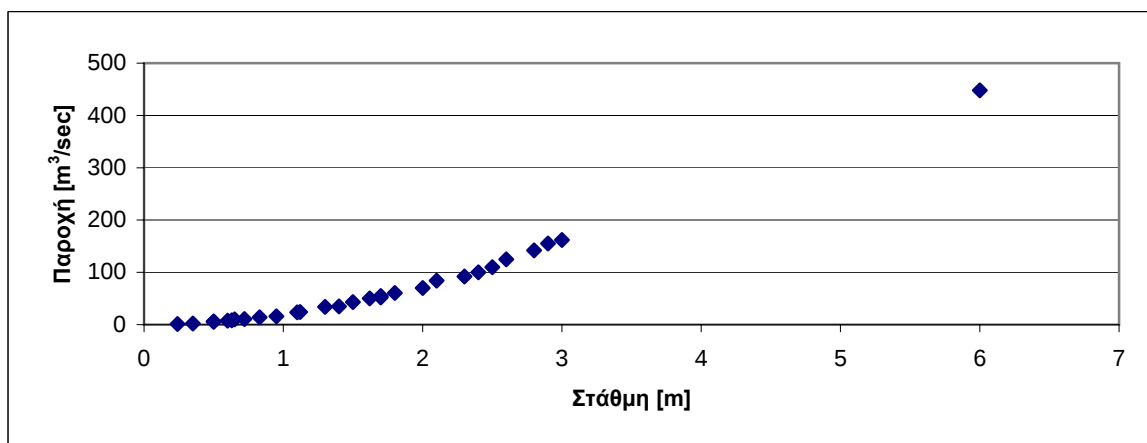
Manning  $Q = (1/n * A * S^{(1/2)} * R^{(2/3)})$   
 $n = 1/Q * A * S^{(1/2)} * R^{(2/3)}$

Συντελεστής τραχύτητας 0,04573

Παροχευτικότητα διατομής > Ύψος = Μέγιστο Ύψος

$A_{max}$  120 m<sup>2</sup>  
 Βρεχόμενη Περίμετρος<sub>max</sub> 32 m  
 $R_{max}$  3,75 m

$Q_{max}$  447,831 m<sup>3</sup>/sec



| Στάθμη [m] | Παροχή [m³/sec] |
|------------|-----------------|
| 1,80       | 60,5            |
| 1,40       | 35,0            |
| 0,65       | 10,0            |
| 0,50       | 6,0             |
| 0,63       | 8,2             |
| 0,24       | 1,3             |
| 1,30       | 34,0            |
| 2,10       | 84,0            |
| 1,12       | 24,1            |
| 1,70       | 52,0            |
| 0,72       | 10,7            |
| 2,90       | 155,0           |
| 2,40       | 100,0           |
| 2,30       | 92,0            |
| 1,62       | 50,2            |
| 1,10       | 23,7            |
| 0,95       | 16,0            |
| 0,83       | 14,0            |
| 0,50       | 5,4             |
| 0,60       | 7,7             |
| 0,35       | 2,0             |
| 1,50       | 43,0            |
| 1,70       | 54,7            |
| 2,50       | 110,0           |
| 2,60       | 125,0           |
| 3,00       | 162,0           |
| 2,80       | 142,0           |
| 2,00       | 70,0            |
| 6,00       | 447,831         |