| Experiment Number | Duration min | Mean Flow L/min | Mean Pressure m | Ratio of Volumes and Pressure | Observations |
|---|---|---|---|---|---|
| 1st Series, with a thickness of sand of 0.58 m | | | | | |
| 1 | 25 | 3.60 | 1.11 | 3.25 | Sand was not washed |
| 2 | 20 | 7.65 | 2.36 | 3.24 | |
| 3 | 15 | 12.00 | 4.00 | 3.00 | ] |
| 4 | 18 | 14.28 | 4.90 | 2.91 | |
| 5 | 17 | 15.20 | 5.02 | 3.03 | |
| 6 | 17 | 21.80 | 7.63 | 2.86 | \|The manometer column |
| 7 | 11 | 23.41 | 8.13 | 2.88 | |
| 8 | 15 | 24.50 | 8.58 | 2.85 | \|had weak movements |
| 9 | 13 | 27.80 | 9.86 | 2.82 | |
| 10 | 10 | 29.40 | 10.89 | 2.70 | ] |
| | | | | | ] |
| | | | | | \|Very strong oscillations. |
| | | | | | ] |
| | | | | | ] Strong manometer ] oscillations. |
| 2nd Series, with a thickness of sand of 1.14 m | | | | | |
| 1 | 30 | 2.66 | 2.60 | 1.01 | Sand not washed. |
| 2 | 21 | 4.28 | 4.70 | 0.91 | |
| 3 | 26 | 6.26 | 7.71 | 0.81 | |
| 4 | 18 | 8.60 | 10.34 | 0.83 | |
| 5 | 10 | 8.90 | 10.75 | 0.83 | |
| 6 | 24 | 10.40 | 12.34 | 0.84 | ] |
| | | | | | \|Very strong oscillations. |
| | | | | | ] |
| 3rd Series, with a thickness of sand of 1.71 m | | | | | |
| 1 | 31 | 2.13 | 2.57 | 0.83 | Washed sand |
| 2 | 20 | 3.90 | 5.09 | 0.77 | |
| 3 | 17 | 7.25 | 9.46 | 0.76 | |
| 4 | 20 | 8.55 | 12.35 | 0.69 | ] Very strong oscillations. |
| | | | | | ] |
| 4th Series, with a thickness of sand of 1.70 m | | | | | |
| 1 | 20 | 5.25 | 6.98 | 0.75 | Sand washed, with a grain size a little coarser than the proceeding. |
| 2 | 20 | 7.00 | 9.95 | 0.70 | |
| 3 | 20 | 10.30 | 13.93 | 0.74 | Low oscillations because of the partial blockage of the manometer opening |

**FIGURE 2.15.** Table of the experiments made in Dijon on October 29 and 30, and November 2, 1855.

**Source:**

**G. F. Pinder and M. A. Celia, " Subsurface Hydrology", Wiley-Interscience, Hoboken, NJ (2006)**

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