

Homework 1 Due January 31

I put the problems in the order we discussed them in class, which was not the same order as they ended up in the text.

1. Problem 3.7.
2. Problem 3.17 using the soil grain-size distribution in the handout for the sample at 313 ft.
3. Problem 3.18 using the soil grain-size distribution in the handout for the sample at 313 ft.
4. Problem 3.16.
5. Problem 3.10.
6. Problem 3.13.

[i] Find the compressibility as stated.

[ii] A head decline of 15 m occurred. The initial saturated thickness of the confined aquifer was 40 m. Find the change in thickness caused by that head decline.