

CWR 3540 – WATER RESOURCES ENGINEERING – Fall 2023

Assigned Study Material: Modules 1 and 2

Homework Set No.2:

Required Problem No. 1

Using the census data of Problem 1.3 (p. 34), identify the most appropriate short-term method to estimate the 2015 population and then report that population. Briefly explain why each one of the other 3 methods are not applicable. You should present the plot of census data and any needed calculations to back up your reported 2015 population estimate.

Required Problem No. 2:

1.15

Due on Thursday, September 7, 2023 (at the start of the lecture)

Recommended Practice Problems:

1.1, 1.2, 1.4, 1.6, 1.8, 1.12, 1.14, 1.23

(Selected answers may be available in the textbook (pp. 846-870) but, if not available, you should discuss your method and solution with your teaching assistant or instructor)

Exam No. 1: Tuesday, September 28, 2023