

Meteorology 2270 – Homework #2

Due: 09/12/2025

Problem: You require an algorithm that will prompt the user for a monthly precipitation (P) and the amount of evapotranspiration (ET) that occurred over the month. From those values, calculate the difference ($P - ET$), and the percent difference ($PD = (P - ET)/P * 100$). Finally, produce a message to the user telling them if there is a surplus ($P > ET$) or a deficit ($P < ET$) of water in the system.

Assignment: Outline a solution to this problem by building a defining diagram and flow chart.