

AOSC 433/633 & CHEM 433 Atmospheric Chemistry & Climate

Admission Ticket, Lecture 4

Due: Thursday, 5 February 2015 (at *start* of class)

10 points

Your name: _____

a) (1 points) Roughly how far back in time does the detailed, systematic record of weather parameters such as temperature, rainfall, and cloudiness extend?

b) (4 points) How have scientists been able to estimate variations in temperature, over say the past 400,000 years?

c) (5 points) Briefly (two or three sentences) summarize the theory of what drives long-term variation in Earth's climate that was developed in 1920 by Milutin Milankovitch.