

Week 8 Reading Assignments and Discussion Questions

Reading Assignment:

WEBSITE: <http://ww2010.atmos.uiuc.edu/%28Gh%29/guides/mtr/af/home.rxml>

- Go through the whole section on Air Masses, Fronts and Advection

WEBSITE: <http://www.wrcc.dri.edu/narratives/HAWAII.htm>

- Read the sections on “Storms,” “Intense Local Storms,” “Major Storms,” “Cold Front Storms,” “Kona Storms,” and “Storms Associated with Upper Level Lows,”

Kauraka, K. (1987) *Dreams of a Rainbow*, Mana Publications, Raotonga, Cook Islands: 82 pp.

- Page 10.

Discussion Questions for Week 8

Weather 2010

- What are the different general types of air masses?
- Based on previous information, what type of air mass do you think dominates the Pacific Islands? Why?
- What are the 5 different types of fronts?
- What two types of fronts are associated with a cyclone?

Kauraka

- What types of storms and storm features are mentioned by Kauraka? Why might this be surprising?

WEBSITE: <http://www.wrcc.dri.edu/narratives/HAWAII.htm>

- What time of year (season) do the majority of storms occur in Hawaii?
- How did “Kona Storms” get their name?