

Week 4 Reading Assignments and Discussion Questions

Reading Assignment:

Aguado, E. and J. E. Burt (2013) *Understanding Weather and Climate*, 6th ed., Pearson, Boston, MA: 552 pp.

- “Chapter 7 – Precipitation Processes” – pgs. 189-209

Maikunu, J. H. (1862) *Ka Nupepa Kuokoa*, 22 February. (*Hawaiian Newspaper Clipping)

- Read both the Hawaiian and English translation

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

- Read the poem in English and look at the native language version.

Discussion Questions for Lecture 6

Aguado and Burt

- What two processes are responsible for cloud droplet growth? Describe each.
- How does precipitation in the Pacific Island region compare to other regions, like the US or the Sahara? Why?
- Describe what a rain drop actually looks like and what happens to the drop shape if they get very large.
- What type of precipitation is most common in the Pacific Islands? How is Hawaii different in this respect?

Discussion Questions for Lecture 7

Maikunu

- Based on the newspaper reading: How common is hail on the big island? Can you guess the Hawaiian word for hail?
- Based on the newspaper reading: What was the individual's first interpretation of hail?

Kauraka

- What is the poem about? What is Kauraka focusing on?
- Is rain a beneficial or dangerous phenomenon in this poem?