MesoNews sign-up for ATMS 316 – Mesoscale Meteorology – Fall 2021

|  |  |  |
| --- | --- | --- |
| Date | Topic | Reading/Homework\* |
| T 17 Aug 2021 |  |  |
| T 24 Aug | Dr. Miller | Chapter 4 |
| T 31 Aug |  | Miller (2012) , Project#1 due |
| T 7 Sep |  | Nordeng & Rassmussen (1992) |
| T 14 Sep | Samuel | Chapter 5, Project#2 due |
| T 21 Sep | Taylor | Chapter 6 |
| T 28 Sep | Wayne | Presentation#1 due |
| R 7 Oct | Zachary |  |
| T 12 Oct | Exam I | 17Aug – 7 Oct material |
| T 19 Oct | Alice | Quiz #6 |
| T 26 Oct | Sarah | Quiz #7 |
| T 2 Nov | Andrew | Quiz #8, Project#4 due |
| T 9 Nov | Jacob | Quiz #9 |
| T 16 Nov | Michelle | Chapter 10 |
| T 30 Nov |  | Presentation#2 due |
| Final Exam Period | Exam II |  |

**MesoNews**

 Each student will have one opportunity during the semester to find a significant mesoscale-influenced weather event over the past week and present the case study to the class. The presentation should be no longer than **FIVE** minutes and should consist of a synoptic disussion (SLP, 850, 700, 500, and 300 mb maps), show image loops (radar and/or satellite), and discuss how mesoscale effects might have played a role in the weather event. The MesoNews presentations will take place at the beginning of class on Tuesday.