MesoNews sign-up for ATMS 316 – Mesoscale Meteorology – Spring 2024

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| Date | Topic | Reading/Homework\* |
| T 16 Jan 2024 | Dr. Miller |  |
| T 23 Jan |  | Chapter 4 |
| T 30 Jan |  | Miller (2012) , Project#1 due |
| T 6 Feb | Jacob S. | Nordeng & Rassmussen (1992) |
| T 13 Feb | Evan J. | Chapter 5, Project#2 due |
| T 20 Feb | Marcus S. | Chapter 6 |
| T 27 Feb | presentations | Presentation#1 due |
| T 5 Mar | Josh W. and Sara M. |  |
| T 19 Mar | Jason L. | Chapter 12 |
| T 26 Mar | Audrey S. and Annalisa S. | Chapter 5 |
| T 2 Apr | Isaac A. | Chapter 7 |
| T 9 Apr | Steven R. | Chapter 8 |
| T 16 Apr | Bryce G. and Obi O. | Chapter 9 |
| T 23 Apr | Spring Symposium | No Classes |
| T 30 Apr | presentations | 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. Some students will work in teams on their MesoNews presentation.