

AMS Weather Studies Spring 2010/Fall 2010/Spring 2011 Schedule

AMS Weather Studies course investigations are self-contained in the Investigations Manual or may be completed by using the Manual introductory section with Current Weather Studies posted to the course website during fall and spring semesters.

The following is the schedule of our postings of Current Weather Studies investigations. Each "A" investigation will be posted on Mondays (by about noon Eastern Time) and the "B" investigation will be posted on Wednesdays. "Current Weather Studies" for optional Chapters 13, 14, and 15 (which may be used at any point in the course) are updated prior to the start of each fall semester and are available year-round. Current Weather Studies answer keys and Respondus® files will be posted to the faculty website on the same schedule.

Spring 2010

Week	Current Weather Studies A (Posted about Monday noon ET)	Current Weather Studies B (Posted about Wednesday noon ET)
Preview	Jan 25 - Air Pressure and Wind	Jan 27 - Surface Air Pressure Patterns
1	Feb 1 - Air Pressure and Wind	Feb 3 - Surface Air Pressure Patterns
2	Feb 8 - Surface Weather Maps	Feb 10 - The Atmosphere in the Vertical
3	Feb 15 - Weather Satellite Imagery	Feb 17 - Sunlight Throughout the Year
4	Feb 22 - Temperature and Air Mass Advection	Feb 24 - Heating Degree-Days and Wind Chill
5	Mar 1 - Air Pressure Change	Mar 3 - Atmospheric Pressure in the Vertical
6	Mar 8- Clouds, Temperature, and Air Pressure	Mar 10 - Rising and Sinking Air
<i>Break</i>	-----	-----
7	Mar 22 - Precipitation Patterns	Mar 24 - Doppler Radar
8	Mar 29 - Surface Weather Maps and Forces	Mar 31 - Upper-Air Weather Maps
9	Apr 5 - Westerlies and the Jet Stream	Apr 7 - El Niño
10	Apr 12 - The Extra-Tropical Cyclone	Apr 14 - Extra-Tropical Cyclone Track Weather
11	Apr 19 - Thunderstorms	Apr 21 - Tornadoes
12	Apr 26 - Hurricanes	Apr 28 - Hurricane Wind Speeds and Pressure Changes

Fall 2010

Week	Current Weather Studies A (Posted about Monday noon ET)	Current Weather Studies B (Posted about Wednesday noon ET)
Preview	Aug 30 - Surface Air Pressure Patterns	Sep 1 - Air Pressure and Wind
1	Sep 6 - Surface Air Pressure Patterns	Sep 8 - Air Pressure and Wind
2	Sep 13 - Surface Weather Maps	Sep 15 - The Atmosphere in the Vertical
3	Sep 20 - Weather Satellite Imagery	Sep 22 - Sunlight Throughout the Year
4	Sep 27 - Temperature and Air Mass Advection	Sep 29 - Heating Degree-Days and Wind Chill
5	Oct. 4 - Air Pressure Change	Oct 6 - Atmospheric Pressure in the Vertical
6	Oct 11 - Clouds, Temperature, and Air Pressure	Oct 13 - Rising and Sinking Air
7	Oct 18 - Precipitation Patterns	Oct 20 - Doppler Radar
8	Oct 25 - Surface Weather Maps and Forces	Oct 27 - Upper-Air Weather Maps
9	Nov 1 - Westerlies and the Jet Stream	Nov 3 - El Niño
10	Nov 8 - The Extra-Tropical Cyclone	Nov 10 - Extra-Tropical Cyclone Track Weather
11	Nov 15 - Thunderstorms	Nov 16 - Tornadoes
<i>Thanksgiving Break</i>	Nov 22	-----
12	Nov 29 - Hurricanes	Dec 1 - Hurricane Wind Speeds and Pressure Changes

Spring 2011

Week	Current Weather Studies A (Posted about Monday noon ET)	Current Weather Studies B (Posted about Wednesday noon ET)
Preview	Jan 17 - Air Pressure and Wind	Jan 19 - Surface Air Pressure Patterns
1	Jan 24 - Air Pressure and Wind	Feb 26 - Surface Air Pressure Patterns
2	Jan 31 - Surface Weather Maps	Feb 2 - The Atmosphere in the Vertical
3	Feb 7 - Weather Satellite Imagery	Feb 9 - Sunlight Throughout the Year
4	Feb 14 - Temperature and Air Mass Advection	Feb 16 - Heating Degree-Days and Wind Chill
5	Feb 21 - Air Pressure Change	Feb 23 - Atmospheric Pressure in the Vertical
6	Feb 28- Clouds, Temperature, and Air Pressure	Mar 2 - Rising and Sinking Air
<i>Break</i>	Mar 7	-----
7	Mar 14 - Precipitation Patterns	Mar 16 - Doppler Radar
8	Mar 21 - Surface Weather Maps and Forces	Mar 23 - Upper-Air Weather Maps
9	Mar 28 - Westerlies and the Jet Stream	Apr 30 - El Niño
10	Apr 4 - The Extra-Tropical Cyclone	Apr 6 - Extra-Tropical Cyclone Track Weather
11	Apr 11 - Thunderstorms	Apr 13 - Tornadoes
12	Apr 18 - Hurricanes	Apr 20 - Hurricane Wind Speeds and Pressure Changes