

## AMS Weather Studies Spring 2012/Fall 2012 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 2012

Week	Current Weather Studies A (Posted about Monday noon ET)	Current Weather Studies B (Posted about Wednesday noon ET)
Preview	Jan 16 - Surface Air Pressure Patterns	Jan 18 - Air Pressure and Wind
1	Jan 23 - Surface Air Pressure Patterns	Feb 25 - Air Pressure and Wind
2	Jan 30 - Surface Weather Maps	Feb 1 - The Atmosphere in the Vertical
3	Feb 6 - Weather Satellite Imagery	Feb 8 - Sunlight Throughout the Year
4	Feb 13 - Temperature and Air Mass Advection	Feb 15 - Heating Degree-Days and Wind Chill
5	Feb 20 - Air Pressure Change	Feb 22 - Atmospheric Pressure in the Vertical
6	Feb 27- Clouds, Temperature, and Air Pressure	Mar 1 - Rising and Sinking Air
Break	Mar 5	-----
7	Mar 12 - Precipitation Patterns	Mar 14 - Doppler Radar
8	Mar 19 - Surface Weather Maps and Forces	Mar 21 - Upper-Air Weather Maps
9	Mar 26 - Westerlies and the Jet Stream	Mar 28 - El Niño
10	Apr 2 - The Extra-Tropical Cyclone	Apr 4 - Extra-Tropical Cyclone Track Weather
11	Apr 9 - Thunderstorms	Apr 11 - Tornadoes
12	Apr 16 - Hurricanes	Apr 18 - Hurricane Wind Speeds and Pressure Changes

## Fall 2012

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