

### 1. Student Learning Outcomes

Which of the program's student learning outcomes were assessed in this annual assessment cycle? (Please list the full, complete learning outcome statements and not just numbers, e.g., Outcomes 1 and 2.)

2. Students will be able to analyze and interpret observational data and numerical model output.

### 3. Assessment Methods: Artifacts of Student Learning

Which artifacts of student learning were used to determine if students achieved the outcome(s)? Please describe and identify the course(s) in which these artifacts were collected. Clarify if any such courses were offered a) online b) at the Madrid campus or c) at any other off-campus location.

One set of data was taken from the course EAS 1700 Weather Briefing. The student scores associated with the weather presentation rubric that evaluated the students' ability to correctly identify observed atmospheric fields and features. This was a freshmen course. Another set of data was taken from EAS 4220 Synoptic Meteorology II. The student scores associated with forecast discussions that evaluated the students' ability to correctly identify and interpret both observations and numerical model output.

### 4. Assessment Methods: Evaluation Process

What process was used to evaluate the artifacts of student learning, and by whom? Please identify the tools(s) (e.g., a rubric) used in the process and include them in/with the report document (do not just refer to the assessment plan).

The scores from the rubric were collected for each student that presented. In the rubric from course EAS 1700, the scores (1



Changes to the  
Curriculum or  
Pedagogies

- Course content
- Teaching techniques
- Improvements in technology
- Prerequisites

EAS 1700 -

EAS 4200/4220 Rubric  
Forecast Discussions

NAME:

Category:

ITEM	COMMENTS	SCORE (0-10)
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