Auroras Data Collection

Directions: The following questions will help you analyze the data to determine the answer to the big question, "Have auroras been seen within the last 24 hours due to a solar storm?" You can answer each of the questions on the back of this paper or on a separate Aurora Answer Sheet.

Refer to “Auroral Activity on Earth – NOAA POES” Data
  a) What is the intensity of the storm: Severe, Intense, Moderate, Low?
  
  b) What is the southernmost extent of auroral activity?
  
  c) In what states would you expect to see aurora?

Refer to “Kiruna All-Sky camera” Data
  d) What is exact date and time that the image was taken? This information can be found at the top of the webpage right above the image.
  
  e) Do you see auroral activity in the image?
  
  f) If auroral activity is visible, describe what you see.

Comprehension Question: Based on the data you have analyzed from these instruments, answer the question, "Have auroras been seen within the last 24 hours due to a solar storm?" Be sure to cite specific data in your response.