

Nature Note

by:Andrew Soldner

On 12-12-23 at 5:01 AM I conducted field work near the west side of my school. The latitude is 38.958200 and the longitude -95.324600. We were standing in a large grass field and there were clouds in the sky. The grass is brown and has gone dormant. It is cold and windy. All the leaves have fallen off of the trees except for the Evergreen trees. There were no birds in the sky and the air was cool and it smelled fresh.

Il noticed that the clouds were altocumulus, altoStratus, nimbostratus, cumulus and stratocumulus. Cloud coverage was approximately 50 to 90%, broken up and spread across the sky. I was surprised to see so many different clouds in the sky. Il was able to identify these clouds by comparing what I saw to the pictures of clouds that we learned about in class. (see photo links below).

This connects to what I already know because on a cold windy day in Kansas we can expect to see many different clouds. This wasn't surprising, but I found it interesting to see so many different clouds in the sky at the same time.

My observation makes me wonder if it will be cold, cloudy and windy the next day, or if it might rain. I could investigate this issue further by doing another observation the next day.

Here are the pictures we took:

North:

<https://data.globe.gov/system/photos/2023/12/12/3694099/original.jpg>

East:

<https://data.globe.gov/system/photos/2023/12/12/3694101/original.jpg>

South:

<https://data.globe.gov/system/photos/2023/12/12/3694100/original.jpg>

West:

<https://data.globe.gov/system/photos/2023/12/12/3694102/original.jpg>

Up:

<https://data.globe.gov/system/photos/2023/12/12/3694103/original.jpg>

Down: <https://data.globe.gov/system/photos/2023/12/12/3694104/original.jpg>