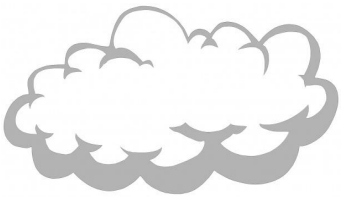
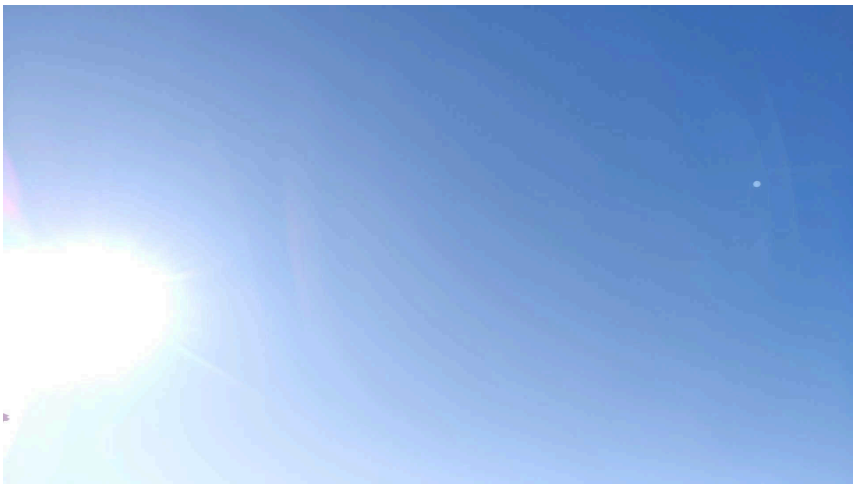
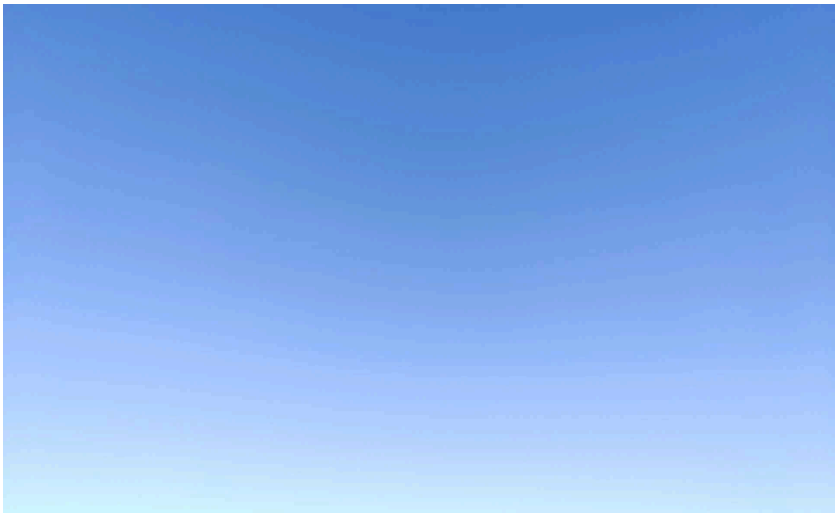
Cloud puffs Stella Urban



It was December 11 2023 at 10:33 am we were on the west side of the school gym in an open field.The latitude was 38.9586 and the longitude was -95.3258. Temperature was 4 degrees celsius .1 percent precipitation and 58 percent humidity and the wind was blowing 13 mph. We were at Corpus Christi Catholic School in Lawrence kansas. We could hear cars zooming by as we smelt the food from the kitchen .The trees had no leaves but the evergreens were still verdant.you could feel and hear the cold wind going past your ear.The grass felt like sticks it was dry brown and crunchy.The wind was blowing the grass to the north east.The sky was a light blue color and there were 2 small contrails in the sky.My teacher looked up flight radar 24 and we saw 3 different crafts above our area.I wonder if humidity affects clouds?Yes humidity is important to clouds.Clouds are made of ice and water and the more water the more clouds we will have in the sky.Clouds are made of as much water vapor as the cloud can hold and once it gets to heavy little water droplets drop from the cloud and that is called rain.In the beginning i wondered if humidity affected clouds.Through this paper we learned that humidity did affect clouds because clouds are made of water and ice and the more water in the cloud the heavier the cloud gets and it starts to rain because the cloud cant hold it any more.





Resources

1) Flight Radar 24

2) https://isccp.giss.nasa.gov/role.html