My NASA Data - Mini Lesson/Activity

Exploring Sea Ice Changes over Time: Student Activity

Student Directions

Watch the video and answer the questions.

1. What does ICE-SAT2 measure?
2. Why is this measurement important?
3. How does this relate to the annual Arctic sea ice minimum extent?


Teachers, these mini lessons/student activities are perfect "warm up" tasks that can be used as a hook, bellringer, exit slip, etc.

Teachers who are interested in receiving the answer key, please contact MND from your school email address at larc-mynasadata@mail.nasa.gov. We verify that requestors are teachers prior to sending access to the answer keys as we’ve had many students try to pass as teachers to gain access. To receive the keys please provide the following:

1. The link to the school/institution’s teacher directory where you are employed so we can verify that you are a teacher
2. Ensure that the school email address is provided in your response as we are unable to send to personal email accounts

Access and Explore Data

- Glacier Area
- Monthly Snow and Ice Percent Cover
- Sea Ice Extent