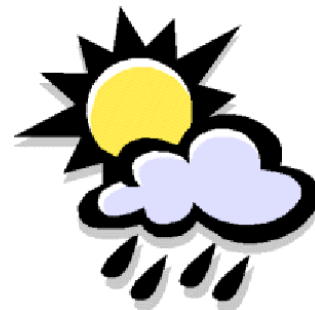


Weather Permitting



1. **DESCRIPTION**: This event will test the team's knowledge of conducting investigations and using appropriate technology to build an understanding of **Climate**.
2. **ESSENTIAL STANDARDS ALIGNMENT**: 2.E.1, 5.E.1
3. **TEAM OF UP TO**: 2
4. **MAXIMUM TIME**: 60 min.
5. **TEAMS**: Must bring writing instruments. No other resources are allowed.
6. **EVENT LEADERS**: Will provide a hands-on event with all necessary items, maps, charts data sets, materials, questions, and response sheets for participants to complete stations.
7. **SAFETY REQUIREMENTS**: None
8. **IMPOUND**: No
9. **THE COMPETITION**: This event can be run as sit-down test or a station format. Teams will rotate through stations that assess any or all of the following topics:
 - a. Locating climate zones around Earth and describing the conditions in each.
 - b. Explaining why climate zones are located where they are.
 - c. Observing and interpreting data to determine the climate of certain areas.
 - d. Examining historical data to describe and explain shifts in climate.
 - e. Explaining the factors that can cause the climate to be different than expected in a certain location.
 - f. Comparing climates in different areas and explaining why they are different.
 - g. Matching areas with the appropriate climate data.
 - h. Describing the climate in a given area.
10. **SCORING**: Points will be awarded for the accuracy of responses. Ties will be broken by the accuracy or quality of responses to pre-selected questions chosen by the event leader.
11. **EVENT RESOURCES**:
See the Event Resources tab on our website (ncscienceolympiad.ncsu.edu) for instructions, videos and more.