

CLIMATE CHANGE COLLECTION SCORECARD

Date: 12/4/04

Reviewer: Carrie Morrill

Name of resource: Differences between climate and weather

Sponsoring Organization: UCAR Project LEARN

URL: http://www.ucar.edu/learn/1_2_2_8t.htm

Site Homepage: <http://www.ucar.edu/learn>

RESOURCE WITHIN A SITE? Y / N

FOUND THROUGH DLESE? Y / N

IF SO, WHICH COLLECTIONS? DLESE Community Collection, CRS Annotated Collection

RECOMMENDATION YES YES WITH RESERVATIONS NO

STARS 1 2 3 4 5 (LAME TO STELLAR)

NARRATIVE Students use weather data and long-term climatological averages to learn the difference between weather and climate. Also contains useful background material. In the activity students measure all their own weather data, but this might not be an effective use of time. Instead, data can be downloaded elsewhere online.

INTENDED USE

REFERENCE

COMPUTER ACTIVITY

NON-COMPUTER ACTIVITY But computers are necessary if collecting weather data online.

EDUCATOR OR LEARNER OR BOTH IF FOR LEARNER, EVIDENCE ITS BEEN TESTED? Y / N

BEGINNER OR ADVANCED OR BOTH

Easily Printed? Y / N

BUGS & TECHNICAL DIFFICULTIES (PROBLEMATIC TO ROBUST)

1 2 3 4

COMMENTS: Nothing fancy, but it works.

SCIENTIFIC ACCURACY (NATIONAL ENQUIRER TO NATIONAL GEOGRAPHIC)

1 2 3 4

EVIDENCE IT HAS BEEN REVIEWED FOR ACCURACY? Y / N

COMMENTS: Everything looks fine to me.

PEDAGOGICAL INFORMATION

REFERENCE ONLY

TEACHER GUIDE

MATERIALS LIST

ASSESSMENT STRATEGIES

TIMEFRAME PROVIDED

STANDARDS ALIGNMENT

PROMOTES STUDENT LEARNING (WEAK TO STRONG)

1 2 3 4

COMMENTS: This exercise clearly shows the difference between weather and climate. Having students measure all their own weather data is not an effective use of time, though.

APPROPRIATE/EFFECTIVE MULTIMEDIA DESIGN (WEAK TO STRONG)

1 2 3 4

COMMENTS: Nothing fancy, have to scroll a lot.

VISUAL APPEAL (WEAK TO STRONG)

1 2 3 4

TEACHING TIPS: Save time by gathering weather data from sites such as <http://www.ncdc.noaa.gov/oa/ncdc.html>.

RECOMMENDATIONS FOR DEVELOPER: Provide information about finding weather data online.