

CLIMATE CHANGE COLLECTION SCORECARD

Date: 1/17/05

Reviewer: Ellen DeBacker

Name of resource: Climate Variability

Sponsoring Organization:UCAR

URL: http://www.ucar.edu/learn/1_2_2_9t.htm

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

RESOURCE WITHIN A SITE? Y / N

FOUND THROUGH DLESE? Y / N double check. Got to thru another activity that is in.

IF SO, WHICH COLLECTIONS?

RECOMMENDATION YES YES WITH RESERVATIONS NO

STARS 1 2 3 4 5 (LAME TO STELLAR)

NARRATIVE (USE OTHER SIDE IF NEEDED)

Good activity to see the difficulty of telling if climate change being observed is random variability or truly change. Activity points out the difficulties of showing this to students.

INTENDED USE

REFERENCE

COMPUTER ACTIVITY

NON-COMPUTER ACTIVITY

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

BEGINNER OR ADVANCED (CIRCLE)

Easily Printed? Y / N

BUGS & TECHNICAL DIFFICULTIES (PROBLEMATIC TO ROBUST)

1 2 3 4

COMMENTS

SCIENTIFIC ACCURACY- FACTUAL ERRORS/OMISSIONS (NATIONAL ENQUIRER TO NATIONAL GEOGRAPHIC)

1 2 3 4

EVIDENCE IT HAS BEEN REVIEWED FOR ACCURACY? Y / N

COMMENTS Does give info on where students could be confused by the activity.

PEDAGOGICAL INFORMATION

REFERENCE ONLY

TEACHER GUIDE

MATERIALS LIST

ASSESSMENT STRATEGIES

TIMEFRAME PROVIDED

STANDARDS ALIGNMENT INDICATED

PROMOTES STUDENT LEARNING (WEAK TO STRONG)

1 2 3 4

COMMENTS

APPROPRIATE/EFFECTIVE MULTIMEDIA DESIGN (WEAK TO STRONG)

1 2 3 4

COMMENTS Good use of graphs/visuals near descriptions in text. Is difficult to see the averages on the graph for ave. daily max temps over 30 years.

VISUAL APPEAL (WEAK TO STRONG)

1 2 3 4

COMMENTS

TEACHING TIPS: ANNOTATION DESCRIBING HOW SITE COULD BE USED OR ADAPTED FOR CLASSROOM

Looks like a really good activity for seeing how climate variability can cause difficulties in deciding if changes in climate are part of global warming or natural variability. Could easily be used as a 2-3 day lab, day one to explain and do a

simple set through with graphing, then day 2 to do more complicated version with change values, day 3 to analyze data and discuss.

RECOMMENDATION: ANNOTATION DESCRIBING HOW THE DEVELOPER COULD IMPROVE THE SITE.

Revised 12/3/04