

# CLIMATE CHANGE COLLECTION SCORECARD

Date: 1/06/05

Reviewer: Carrie Morrill

Name of resource: *The discovery of rapid climate change*

Sponsoring Organization: *Physics Today*

URL: <http://www.physicstoday.org/vol-56/iss-8/p30.html>

Site Homepage: <http://www.physicstoday.org>

RESOURCE WITHIN A SITE? Y / N

FOUND THROUGH DLESE? Y / N

IF SO, WHICH COLLECTIONS? *DLESE Community Collection*

RECOMMENDATION YES YES WITH RESERVATIONS NO

STARS 1 2 3 4 5 (LAME TO STELLAR)

NARRATIVE *This is an article about abrupt climate change written by a historian of science. It was published in Physics Today, the magazine of the American Institute of Physics, in August 2003. It is useful for learning about abrupt climate change, as well as about the nature of the scientific process. It could be improved by including figures of the climate timeseries described in the text.*

## INTENDED USE

X REFERENCE

COMPUTER ACTIVITY

NON-COMPUTER ACTIVITY

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: *Simple page with text and a few images.*

## SCIENTIFIC ACCURACY (NATIONAL ENQUIRER TO NATIONAL GEOGRAPHIC)

1 2 3 4

EVIDENCE IT HAS BEEN REVIEWED FOR ACCURACY? Y / N

## PEDAGOGICAL INFORMATION

X REFERENCE ONLY

TEACHER GUIDE

MATERIALS LIST

ASSESSMENT STRATEGIES

TIMEFRAME PROVIDED

STANDARDS ALIGNMENT

## PROMOTES STUDENT LEARNING (WEAK TO STRONG)

1 2 3 4

COMMENTS: *Could be improved by showing the actual climate timeseries from ice cores, etc discussed in the text.*

## APPROPRIATE/EFFECTIVE MULTIMEDIA DESIGN (WEAK TO STRONG)

1 2 3 4

COMMENTS: *For the most part, easy to read. Some of the figures are useful. I don't like the pictures of the two scientists. There were many scientists who played an important role and these two should not be singled out.*

## VISUAL APPEAL (WEAK TO STRONG)

1 2 3 4

TEACHING TIPS: *This resource is perhaps most useful for teachers wanting to learn more about abrupt climate change, paleoclimate and the history of science.*

RECOMMENDATIONS FOR DEVELOPER: *Add several more figures, showing the timeseries of abrupt climate changes in the Greenland ice cores, etc as mentioned in text.*