

CLIMATE CHANGE COLLECTION SCORECARD

Date: 4/20/05

Reviewer: Kirsten Butcher

Name of resource: A Paleo Perspective ... On Global Warming

Sponsoring Organization: NOAA

URL: <http://www.ncdc.noaa.gov/paleo/globalwarming/>

Site Homepage: <http://www.noaa.gov/>

RESOURCE WITHIN A SITE? Y / N

FOUND THROUGH DLESE? **Y** / N

IF SO, WHICH COLLECTIONS? [Digital Water Ed Library \(DWEL\)](#), [DLESE Community Collection \(DCC\)](#), [DLESE Reviewed Collection \(DRC\)](#), [CRS Annotated Collection](#)

RECOMMENDATION **YES** YES WITH RESERVATIONS NO

STARS 1 2 3 **4** 5 (LAME TO STELLAR)

NARRATIVE (USE OTHER SIDE IF NEEDED)

- The site provides useful information for beginners – for example, key terminology and summaries of background information, scientific data and findings, and importance – but also gives more advanced users easy access to more rigorous materials. These more advanced materials include animations of data records, full scientific references, and raw data. The site does not provide prepackaged lesson plans, so an educator will need to do preparatory work to explore the site, choose relevant information, develop assignments and assessments, etc. However, there is a good deal of useful information located here.

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 – No problems were encountered.

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

1 2 3 **4**

EVIDENCE IT HAS BEEN REVIEWED FOR ACCURACY? **Y** / N

COMMENTS

-Although this site provides background and summary information that is quite accessible to students, there are links to full scientific references as well as actual data. In addition, the resource appears in the DLESE reviewed collection and is sponsored by a trusted scientific organization: NOAA. These characteristics lead one to conclude that this is an accurate site.

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 – There is good information contained in this site. There are supports for beginning students (introductions to scientific terms and methodologies, summaries of important findings) but the site also provides links to more advanced information such as data and expanded scientific references.

APPROPRIATE/EFFECTIVE MULTIMEDIA DESIGN (WEAK TO STRONG)

1 **2** 3 4

COMMENTS – The initial summaries are heavy on decorative pictures which can distract the learner. There is also a problem in that many of the graphics (especially in the data section) are unreadable unless they are opened in a link that removes the supporting text (making it difficult for a learner to interpret and integrate the visual and verbal information). However, some of the multimedia has useful features – for example, the playback speed of an animated visualization of temperature records could be selected by the learner.

VISUAL APPEAL (WEAK TO STRONG)

1 2 **3** 4

COMMENTS – Pretty basic, but the layout and organization are pleasant and useful.

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

Educators could use the site for beginning learners to get a basic introduction to global warming and climate change. But advanced lessons could be developed to explore data and/or current scientific knowledge.

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

Revised 12/3/04