

"Made available under NASA sponsorship
in the interest of early and wide dis-
semination of Earth Resources Survey
Program information and without liability
for any use made thereof."

E7.3-11101
CR-135570

Detection of Moisture and Moisture Related
Phenomena from Skylab

Joe R. Eagleman
Principal Investigator

Monthly Progress Report, Sept. 1973

Atmospheric Science Laboratory
Center for Research, Inc.
University of Kansas

(E7.3-11101) DETECTION OF MOISTURE AND
MOISTURE RELATED PHENOMENA FROM SKYLAB
Monthly Progress Report, Sep. 1973
(Kansas Univ. Center for Research, Inc.)
3 p HC \$3.00
CSSL 08H 63/13 01101
Unclas

N73-33258

Detection of Moisture and Moisture Related
Phenomena from Skylab

Joe R. Eagleman
Principal Investigator

Ernest C. Pogge and Richard K. Moore
Co-investigator

Norman Hardy, Wen Lin and Larry League
Graduate Research Assistants

Atmospheric Science Laboratory
Space Technology Center
Center for Research, Inc.
University of Kansas
Lawrence, Kansas 66045

Ryborn R. Kirby, Technical Monitor
Principal Investigations
Management Office
Lyndon B. Johnson Space Center
Houston, Texas 77058

EREP NO. 540-A2 March 19, 1973 to August 31, 1974

Contract Number. NAS 9-13273

Ground truth data collection was completed for site I46326 in Texas for the Skylab 3 EREP pass on September 13, 1973. Five hundred forty-six soil moisture samples were collected and analyzed for moisture content in addition to the vegetation survey on the site. Three hundred and fifty four soil moisture samples were also collected on site I46327 in Kansas on the 13th of September. These have also been analyzed and punched on cards for computer displays. The same ground truth data will apply to the side-looking SI93 data taken on Sept. 14th of the same area from Skylab tract 1. Ground truth data were also collected on September 18 on site I46327 in Kansas.

We are continuing the analysis of ground truth data from Skylab 2 taken on June 5, 1973 for site I46326 in Texas. We have now received the SI90A, SI90B, SI92 and SI94 data for this pass and plan a more detailed reporting of initial investigations in October. We are still anticipating receipt of the SI93 data for this site.