

Organization:

Remote Sensing Institute
South Dakota State University
Brookings, South Dakota 57006

Title:

Monthly Report to National
Aeronautics and Space
Administration

Report Type:

Monthly Progress Report
May 1975

EREP Investigation Number:

S452

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NASA Contract Number:

NAS 9-13337

Principal Investigator:

Victor I. Myers

Date Submitted:

June 20, 1975

NASA Technical Monitor:

Clayton Forbes
Operations Room
Code TF6
Johnson Space Center
Houston, Texas 77058

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(E75-10395) DEVELOP TECHNIQUES AND
PROCEDURES, USING MULTISPECTRAL SYSTEMS, TO
IDENTIFY FROM REMOTELY SENSED DATA THE
PHYSICAL AND THERMAL CHARACTERISTICS OF
PLANTS AND SOIL Monthly Progress (South

N75-33450

G3/43

Unclas
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3.0 Report of work as identified in Ex. A (SOW) --- Contract NAS 9-13337.

3.1 Progress Reports

a. Overall status ---

A paper entitled "Evaluation of Thermal X/5-Detector SKYLAB S-192 Data for Estimating Evapotranspiration and Thermal Properties of Soils for Irrigation Management" was prepared for and presented at the Agriculture, Forestry, Range Resource Inventory and Management Section of the Earth Resource Survey Symposium held in Houston, Texas June 8-13, 1975. Completion of the final manuscript for publication was pursued.

b. Recommendations ---

None at this time

c. Expected accomplishments ---

None at this time

d. A readily.....results.....

None at this time

e. Summary outlook ---

The ground-based ET assessments were conducted for seven different physical settings. The analysis will include a multistage approach for assessing ET of agricultural land.

f. Travel summary ---

None expected.

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