

General Disclaimer

One or more of the Following Statements may affect this Document

- This document has been reproduced from the best copy furnished by the organizational source. It is being released in the interest of making available as much information as possible.
- This document may contain data, which exceeds the sheet parameters. It was furnished in this condition by the organizational source and is the best copy available.
- This document may contain tone-on-tone or color graphs, charts and/or pictures, which have been reproduced in black and white.
- This document is paginated as submitted by the original source.
- Portions of this document are not fully legible due to the historical nature of some of the material. However, it is the best reproduction available from the original submission.

STIP

~~II~~

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

SDSU-RSI-79-06

7.9-10.188
CR-158448

HCMM Energy Budget as a Model Input for Assessing Regions of High Potential Groundwater Pollution

Principal Investigator: Donald G. Moore
Report Authors: J. Heilman, D. Moore
Remote Sensing Institute
South Dakota State University
Brookings, South Dakota 57007

(E79-10188) HCMM ENERGY BUDGET AS A MODEL INPUT FOR ASSESSING REGIONS OF HIGH POTENTIAL GROUNDWATER POLLUTION Interim Report, Jan. - Mar. 1979 (South Dakota State Univ.) 3 p HC A02/MF A01 N79-22587 Unclas 00188 CSCI 08H G3/43

March 1979
Interim Type II Report for Period January-March, 1979

HCMM-032

Prepared For:
Goddard Space Flight Center
Greenbelt, Maryland 20771



RECEIVED

APR 23 1979

SIS/902.6

A. Problems

Priority HCMM data have not been received.

B. Accomplishments

Analyses procedures have been finalized and are awaiting HCMM data.

C. Significant Results

There are no significant results to report since HCMM data have not been received.

D. Publications

"Thermography for Estimating Soil Moisture Under a Developing Crop Canopy" has been submitted to Journal of Applied Meteorology (see HCMM progress report SDSU-RSI-79-01).

"Hydrologic Investigation of Eastern South Dakota Using HCMM Data" to be presented at Pecora Symposium on "Satellite Hydrology" in June.

"Thermal Remote Sensing of Soil Moisture For Developing Crop Canopies" to be presented at "Symposium on Methods for Soil Moisture Determination" at the 1979 Spring Meeting of American Geophysical Union on June 1.

E. Recommendations

None at this time.

F. Funds Expended

\$64,145.88

G. Data Utility

Priority HCMM data have not been received.