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STUDY OF THE UTILIZATION OF EREP DATA FROM THE WABASH RIVER BASIN

Project #SR397

Contract #NAS 9-13301

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Skylab/EREP Monthly Report for April 1975

Principal Investigations Management Office

Lyndon B. Johnson Space Center

Technical Monitor - Dr. R. E. Joosten

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Activities during the subject reporting period were concerned with analysis of the SL/2 filtered and interim S192 data sets and the SL/4 S192 data set.

(A) Overall Status

Analysis work has begun on the digitized SL/4 S190A Color IR photography.

A paper entitled "Machine Aided Multispectral Analysis Utilizing Skylab Thermal Data for Land Use Mapping", to be presented at the Purdue Symposium on June 5 was completed. The paper presents the results of the initial work with the SL/4 S192 data. A meeting was held with the Allen County Plan Commission on April 16, 1975 to obtain information to evaluate the SL/4 S192 analysis.

The major portion of the analysis of the filtered and interim SL/2 S192 data was completed.

The proposal for extension of work through September 1975 (budgeted through August) is being formulated.

(B) Scientific Recommendations

No recommendations are being made this period.

(C) Expected Accomplishments

The major portion of the analysis of the digitized SL/4 S190A color IR photography should be completed along with the analysis of the SL/2 S191 data.

(D) Significant Results

Information was obtained during the meeting with the Allen County Plan Commission which indicates that the SL/4 S192 analysis results over the Allen County area are much more accurate than the figures that were given in the paper to be presented at the Purdue Symposium.

(E) Travel Summary

A trip was made to Fort Wayne, Indiana, for a meeting with the Allen County Plan Commission. No travel is planned for next month.

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