

PURDUE UNIVERSITY

LABORATORY FOR APPLICATIONS OF REMOTE SENSING
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CR-142215

Study of the Utilization of EREP Data from the Wabash River Basin
 Skylab/EREP Monthly Report for the Month of February 1975
 Project # SR 397 Contract # NAS 9-13301

Activities during the subject reporting period were concerned with analysis of the SL/2 filtered and interim S19L data.

(A) Overall Status

The digitized SL/4 S190A color IR photography was received from Mead Technology Laboratories. The tape is being reformatted into the LARSYS format.

The work completed for the SL/2 filtered set consisted of clustering and selecting training fields for the filtered set, obtaining test fields from the interim data using a grid approach and transferring the test fields selected from the interim data to the filtered data. Transferring the training fields from the filtered data to the interim data is about half completed. The transferring of test fields from one set to another so that the same test areas are used was much more difficult than anticipated because of the scale differences between the interim and filtered data.

The data to calibrate the thermal band was also received during this month.

The SL/4 S192 data hasn't been registered correctly yet.

(B) Scientific Recommendations

No recommendations are being made this period.

(C) Expected Accomplishments

The results of the SL/2 interim and filtered data will be obtained with different sets and numbers of channels. Analysis will begin on the SL/4 digitized color IR photography.

(D) Significant Results

No significant results are being reported this period.

(E) Travel Summary and Plans

No travel was made during the subject reporting period, and none is planned for next month.

Report submitted by
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 Remote Sensing

(E75-10166) STUDY OF THE UTILIZATION OF
 EREP DATA FROM THE WABASH RIVER BASIN
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