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Skylab/EREP Monthly Report for the Month of December 1974

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Project SR-397 Contract #NAS 9-13301

CA-141391

Activities during the subject reporting period were con-
cerned with preliminary analysis of the SL/4-S192 data, cali-
bration of the thermal data obtained by the Michigan Scanner
over Lake Monroe during the SL2 mission, and final preparation
of the cost-extension proposal.

(A) Overall Status

The cost-extension proposal was submitted to the Purdue
Contract Office and it is our understanding that NASA's Contract
Office has received the proposal. The only data that is needed
now to complete our contract requirements are the re-processed
SL/2 S192 data over Lake Monroe.

(B) Scientific Recommendations

No recommendations are being made this reporting period.

(C) Expected Accomplishments

Analysis will continue on the SL/4 S192 data and the SL/92
S191 data.

(D) Results

The SL/4 S192 data over northern Indiana looks good. The
thermal band looks very encouraging. The preliminary analysis
indicates so far that it will be difficult to distinguish some
land-use classes because of the lack of vegetation. Preliminary
analysis of the thermal band in particular indicates that there
appears to be a correlation of the "hot spots" in the data over
the Ft. Wayne, Indiana area and it's industrial centers.

(E75-10095) ANALYSIS OF SKYLAB MSS DATA,
AND CALIBRATION OF THERMAL DATA OVER LAKE
MONROE, INDIANA MONTHLY REPORT, Dec. 1974
(Purdue Univ.) 2 p HC \$3.25

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(E) Travel Summary and Plans

No travel was made during the subject reporting period, nor are there any plans of any in the immediate future.

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