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**EFFECTS OF CONSTRUCTION AND STAGED FILLING
OF RESERVOIR ON THE ENVIRONMENT AND ECOLOGY**

Dr. R. K. Jain, Principal Investigator
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Date: 6 July 1976
Type II Progress Report for Period
1 April 1976 - 30 June 1976

(E76-10430) EFFECTS OF CONSTRUCTION AND
STAGED FILLING OF RESERVOIR ON THE
ENVIRONMENT AND ECOLOGY Progress Report, 1
Apr. - 30 Jun. 1976 (Army Construction
Engineering Research Lab.) 2 p HC \$3.50

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Prepared for:

Goddard Space Flight Center (GSFC)
Greenbelt, Maryland 22771

TYPE II PROGRESS REPORT
For the Period 1 April 1976 - 30 June 1976

TITLE: Effects of Construction and Staged Filling of Reservoirs on
the Environment and Ecology, Investigation Number 23500

PRINCIPAL INVESTIGATOR: Dr. Ravinder K. Jain
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GSFC IF NUMBER: 350

A. PROBLEMS: None

B. ACCOMPLISHMENTS: Work continues on imagery processing and interpretation. Nine scenes have been processed for interpretation at 1:250,000. A digitizer has been set up to facilitate the coding process.

Preliminary evaluations indicate that tonal enhancements of mid-summer and mid-winter Landsat imagery are not suitable for interpretation of forest type distribution. Evaluation of aircraft imagery indicates that early spring imagery in the April to May time period may allow for this type of feature distinction. Landsat imagery for this time period has been ordered.

C. SIGNIFICANT RESULTS: None

D. PUBLICATIONS: None

E. RECOMMENDATIONS: None

F. FUNDS EXPENDED: \$7,600

G. DATA USE:

Value of Data Allowed: \$2,004.00
Value of Data Ordered: \$1,547.00
Value of Data Received: \$ 672.00

H. AIRCRAFT DATA: The most recent underflight was flown on 24 May 1976. Data for this flight has been ordered.