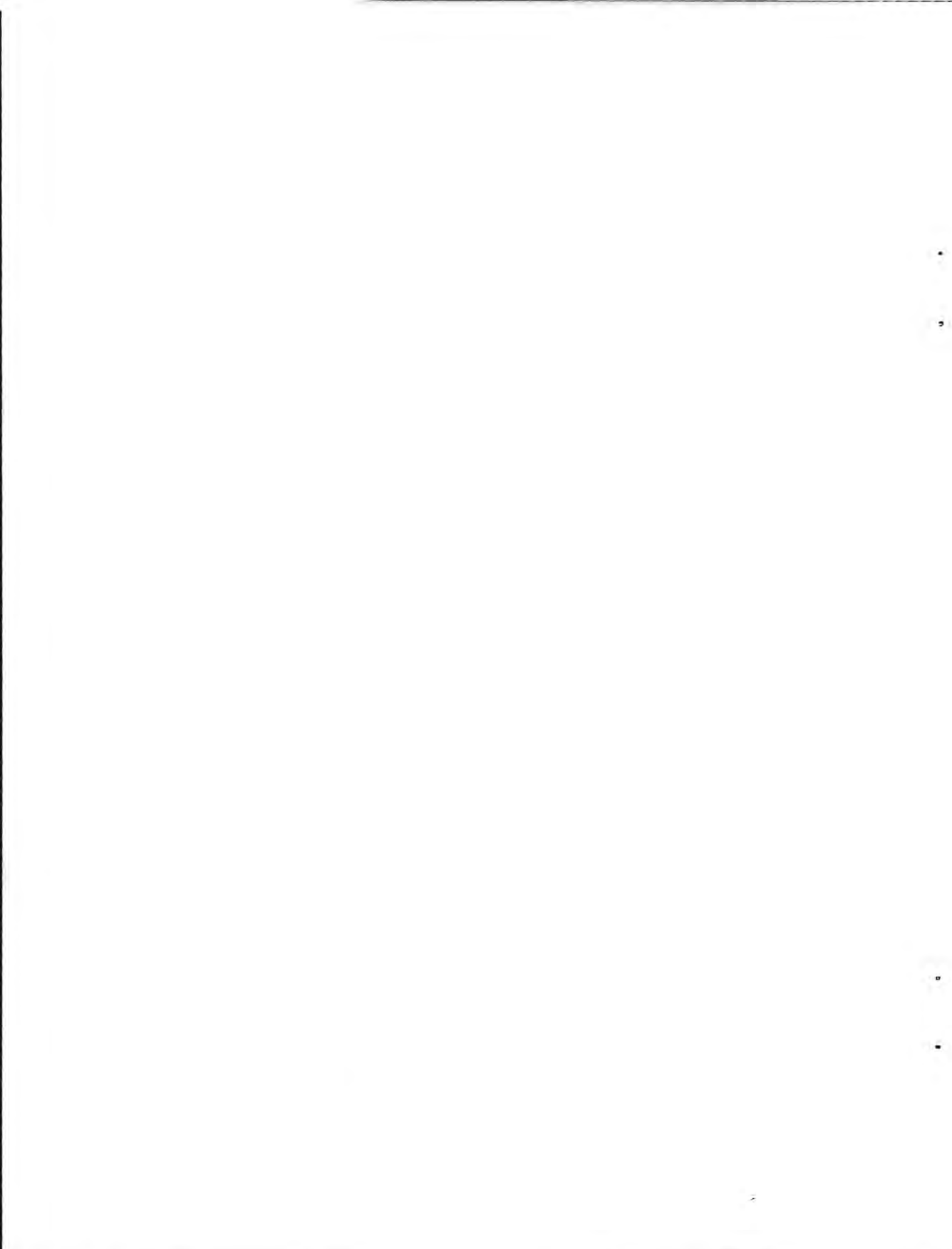


APOLLO 12
70-mm PHOTOGRAPHIC CATALOG

NATIONAL SPACE SCIENCE DATA CENTER
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GREENBELT, MARYLAND 20771

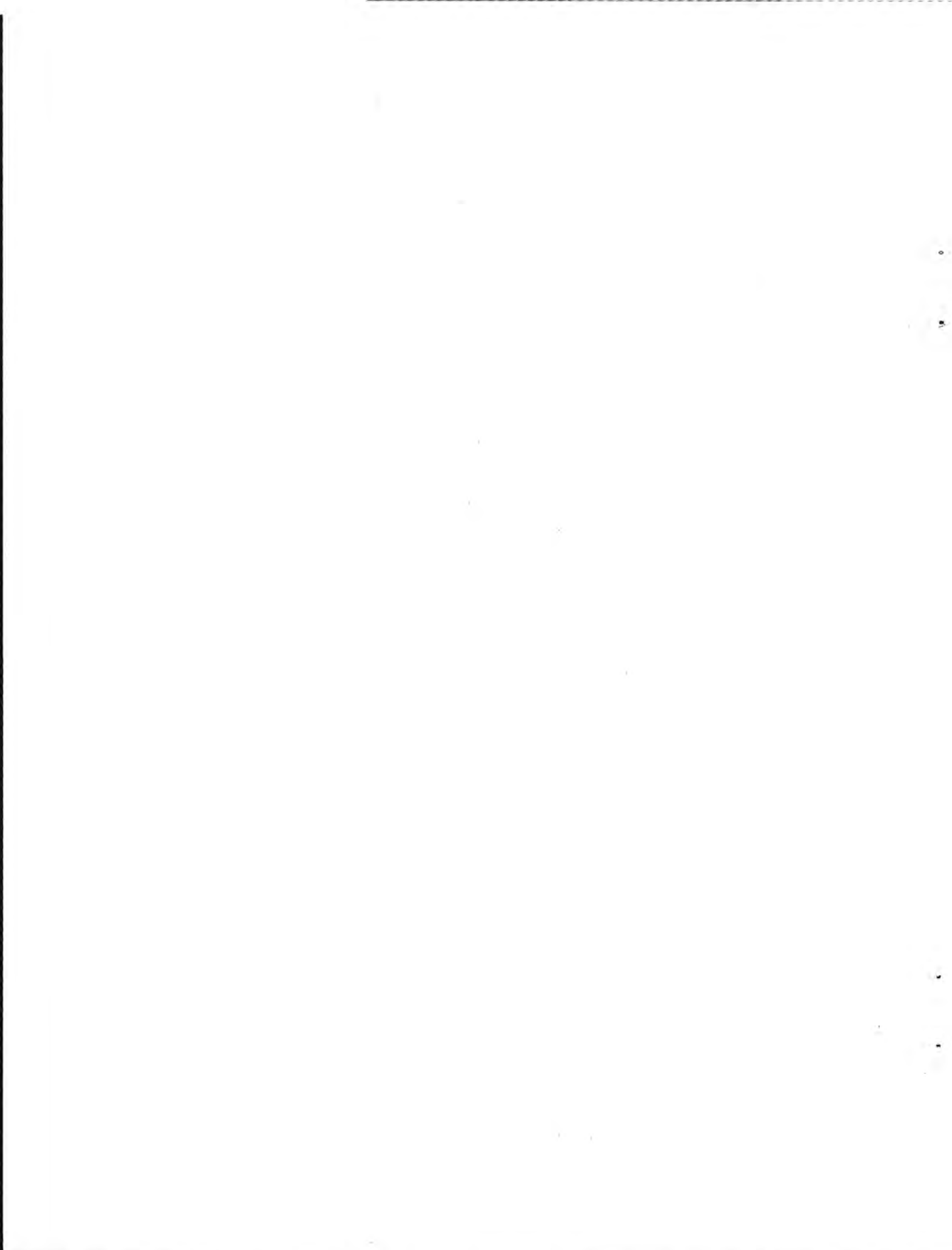
JULY 1970



APOLLO 12
70-mm PHOTOGRAPHIC CATALOG

NATIONAL SPACE SCIENCE DATA CENTER
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GREENBELT, MARYLAND 20771

JULY 1970



INTRODUCTION

This catalog contains proof prints of the 70-mm photography exposed during the Apollo 12 mission.* The photography has been sorted by magazine and by frame number. For example, in AS12-50-7325, AS12 identifies the photography as being part of the Apollo 12 mission, 50 identifies the magazine number, and 7325 identifies the actual frame. This numbering scheme is being used throughout all Apollo missions. The 28 lunar surface panorama mosaics that are part of this photography are included in the last 13 pages of this catalog. A listing of the mosaics directly precedes the photography.

This document, as part of an integrated package prepared by the National Space Science Data Center (NSSDC), is designed to be used in conjunction with the section on 70-mm photography in "Apollo 12 Photography: 70-mm, 16-mm, and 35-mm Frame Index," which makes it possible to locate the area covered by each frame.

NSSDC will provide reproduction support to individuals and organizations only when the data requested are needed for specific scientific research projects or for use in college-level science courses, in that order. The current policy in satisfying such requests is to furnish limited quantities of reproductions without charge. Nominal charges will be imposed for large orders. Individuals or organizations that wish to obtain Apollo 12

*The photography from the Lunar Multispectral Camera (LMC) Experiment is not included.

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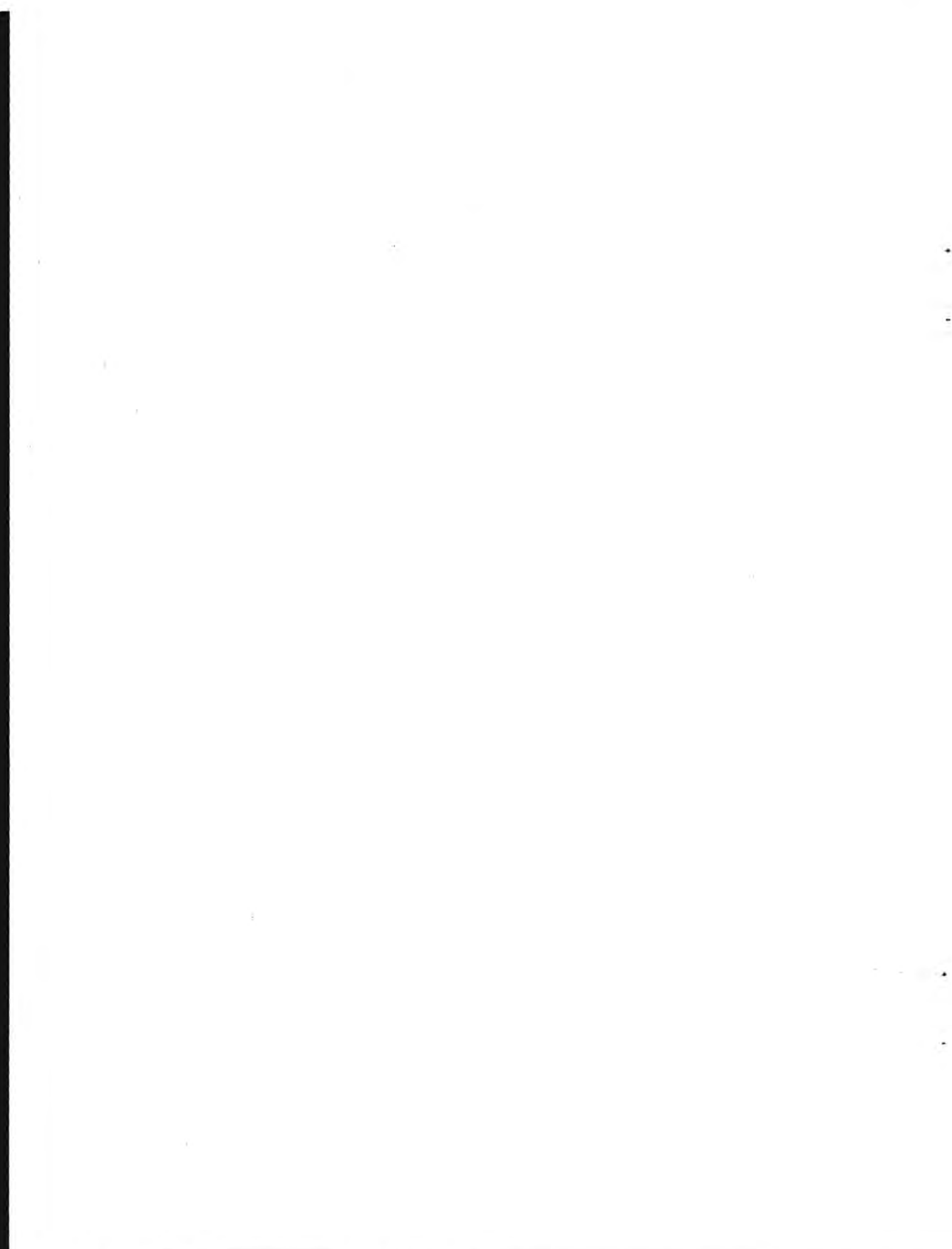
Printed materials to satisfy general information requests are also available from this division. The section on Ordering Procedures in the Data Users' Note for Apollo 12 (NSSDC 70-09) provides more specific instructions on ordering Apollo photography.

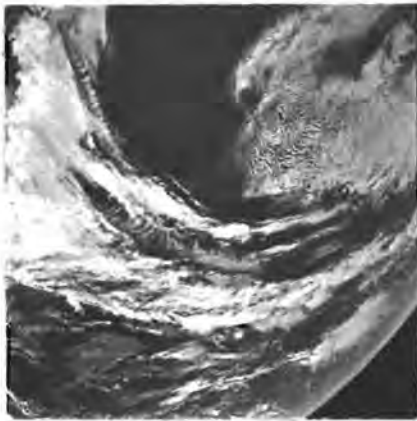
The Data Center wishes to thank Mr. James H. Sasser, Chief, Mapping Sciences Laboratory, Manned Spacecraft Center, for providing the original layout pages from which this catalog has been prepared. The work in preparing these pages represents the combined efforts of Mr. Robert Musgrove, Mr. Gary Gutschewski, and Mr. Andrew Patteson, Mapping Sciences Laboratory, and the personnel of Lockheed Electronics Company/Mapping Sciences Department. The document preparation effort at NSSDC was under the direction of Mr. Arthur T. Anderson.

MAGAZINE

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AS12-50-7325 thru AS12-59-7459





AS12-50-7325



AS12-50-7326



AS12-50-7327



AS12-50-7328



AS12-50-7329



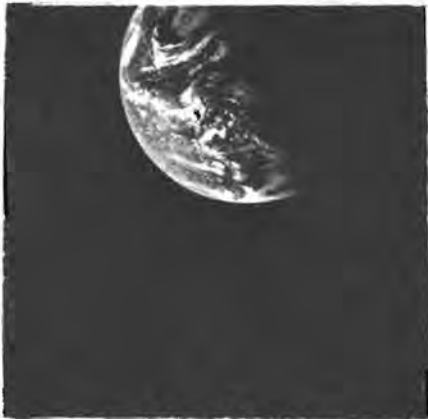
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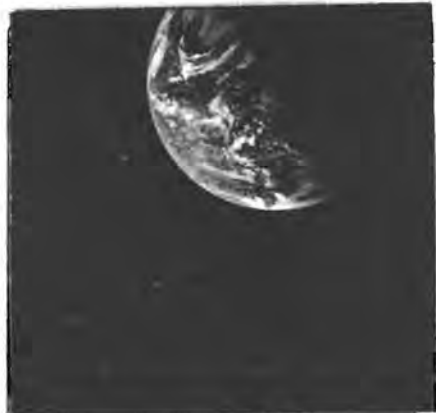
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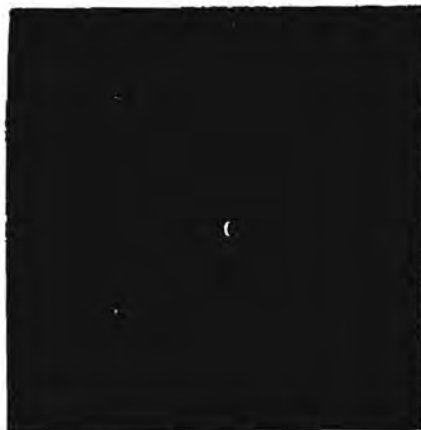
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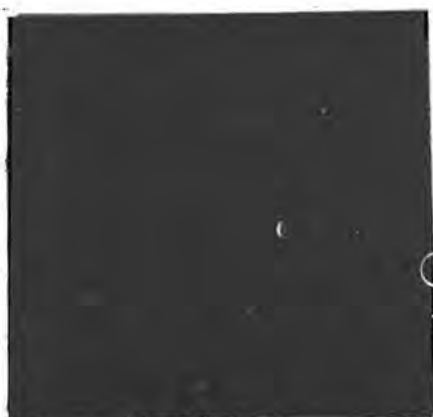
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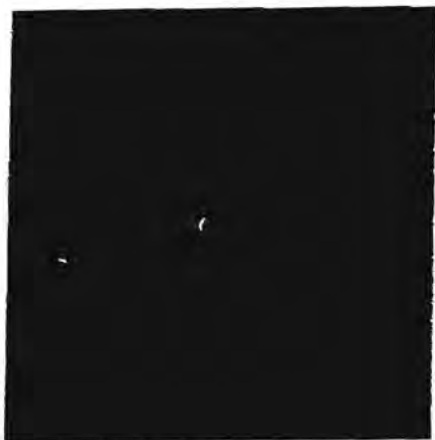
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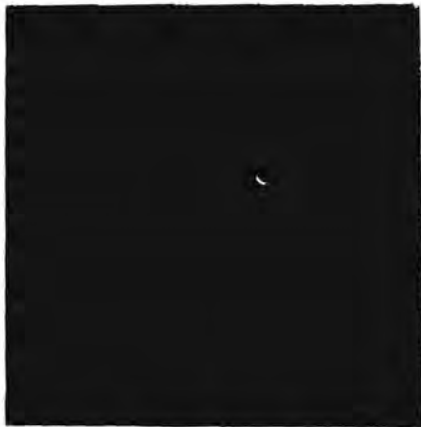
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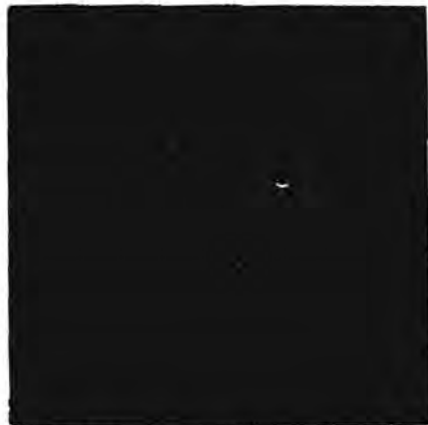
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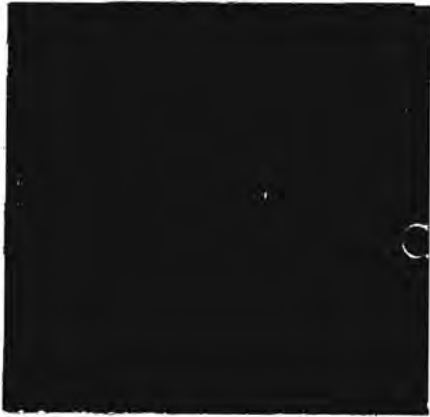
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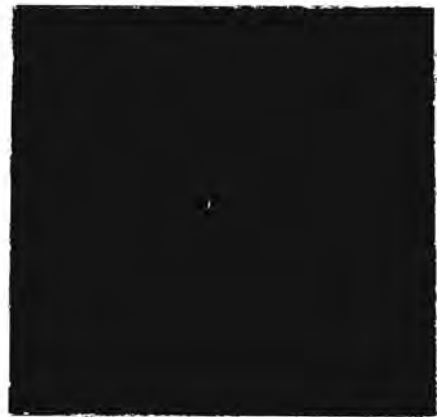
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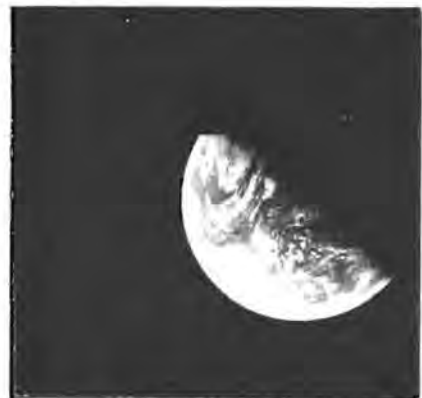
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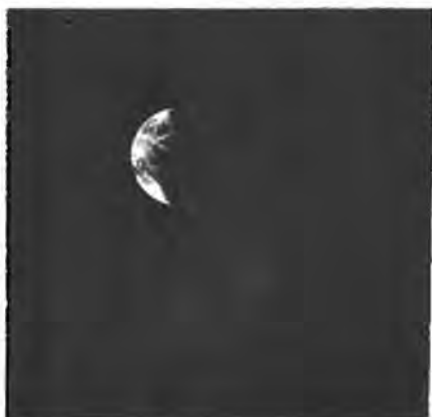
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AS12-50-7357



AS12-50-7358



AS12-50-7359



AS12-50-7360



AS12-50-7361



AS12-50-7362



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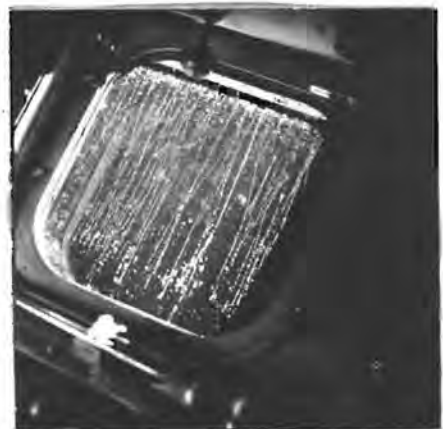
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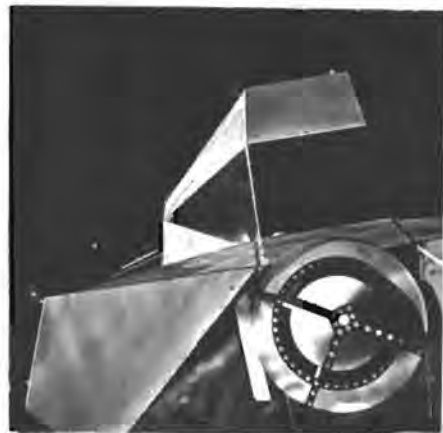
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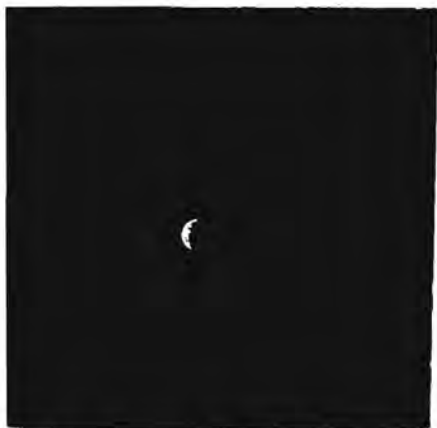
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AS12-50-7379



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AS12-59-7381



AS12-50-7382



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AS12-50-7384



AS12-50-7385



AS12-50-7386



AS12-50-7387



AS12-50-7388



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AS12-50-7391



AS12-50-7392



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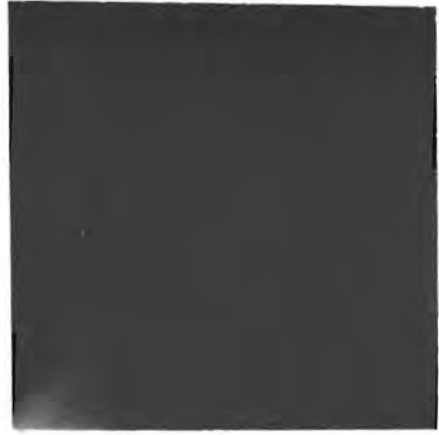
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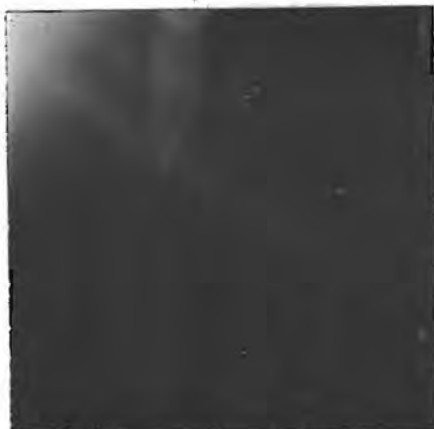
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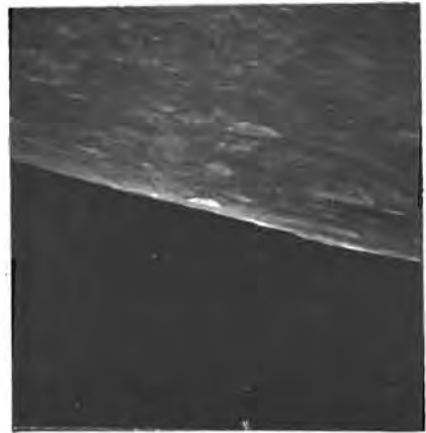
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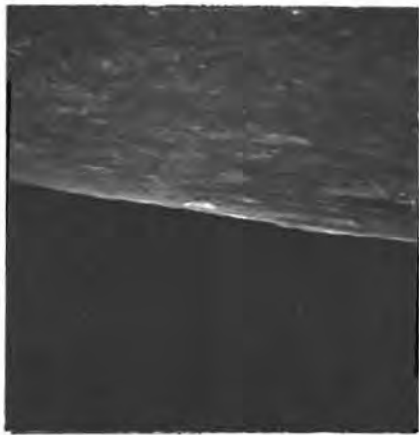
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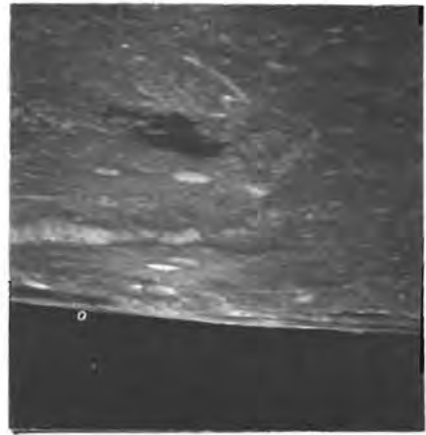
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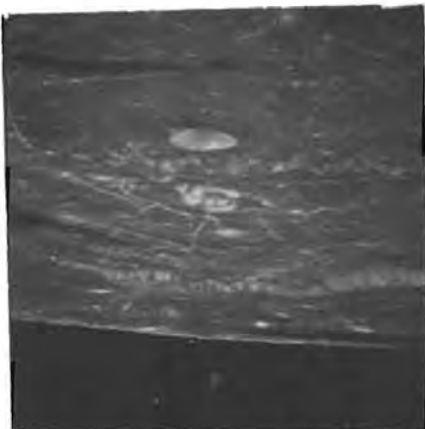
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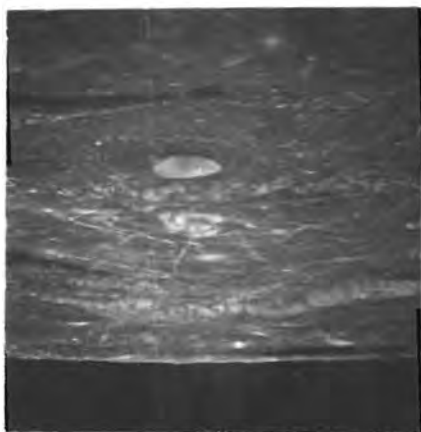
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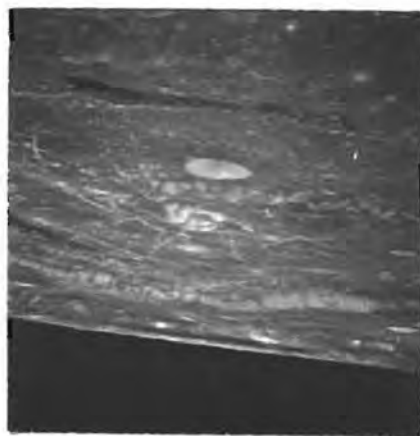
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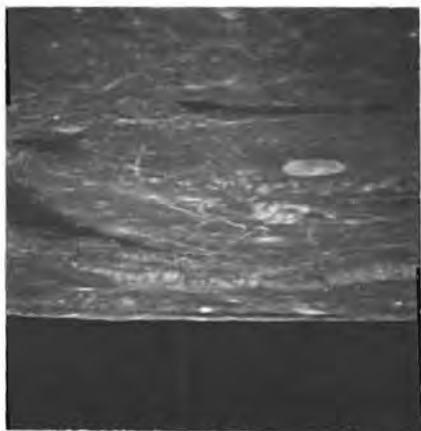
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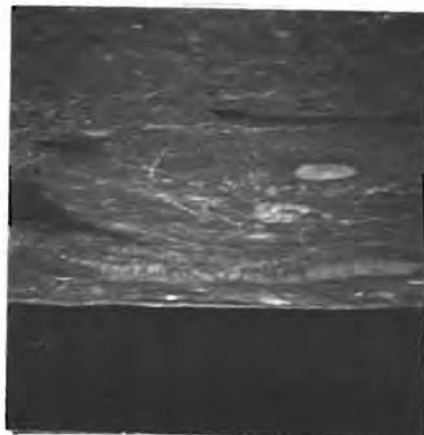
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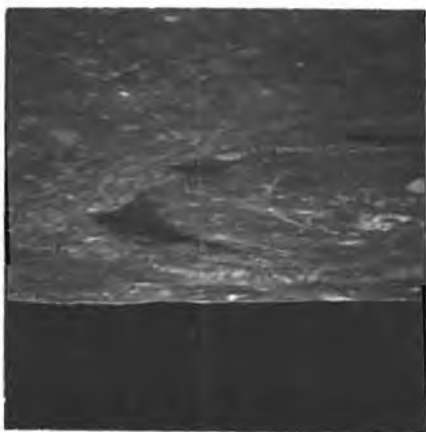
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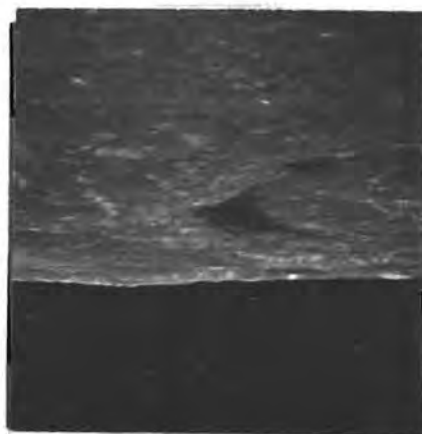
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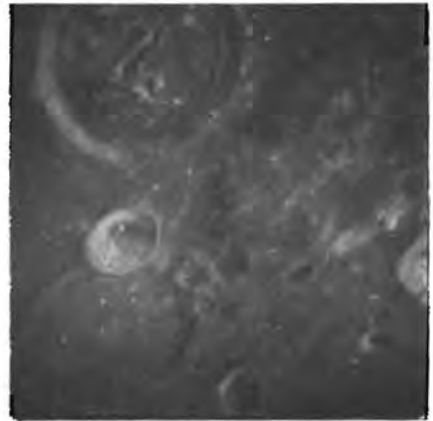
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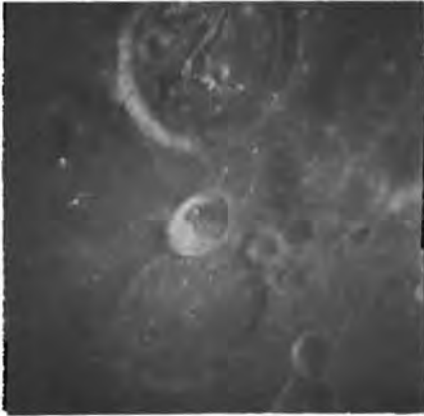
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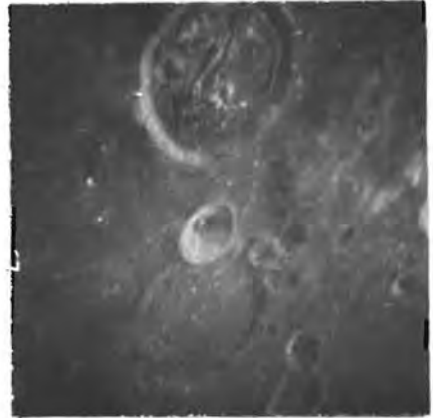
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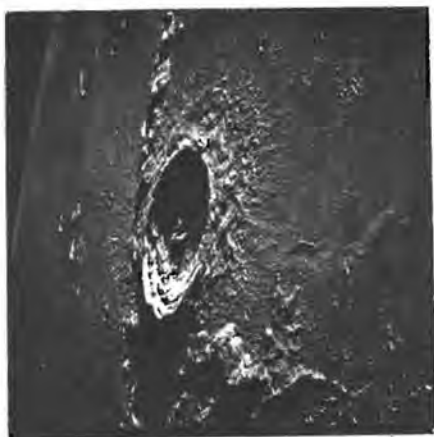
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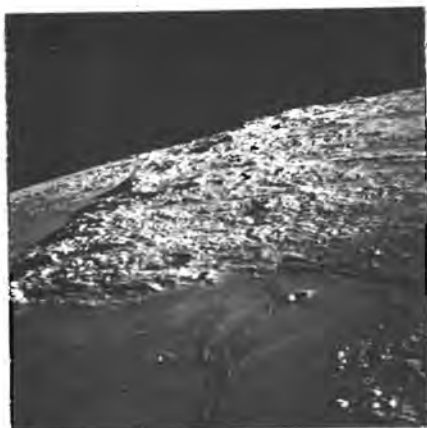
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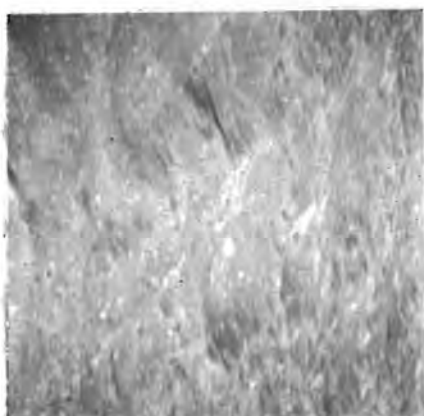
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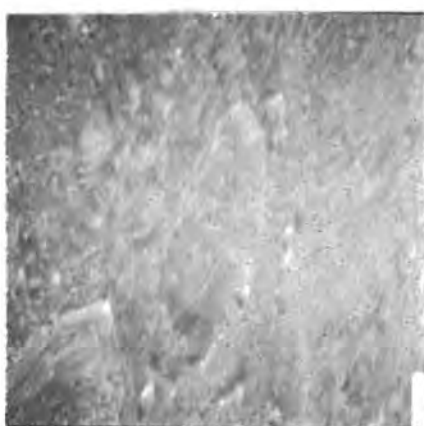
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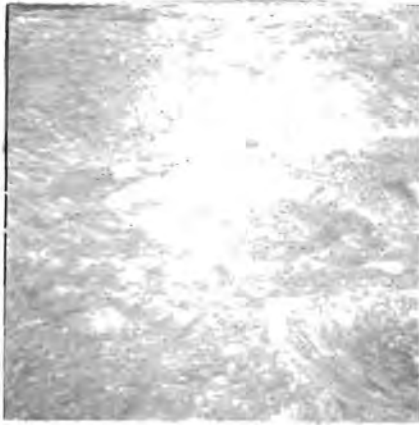
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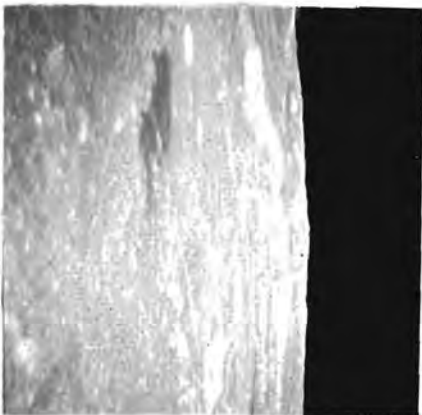
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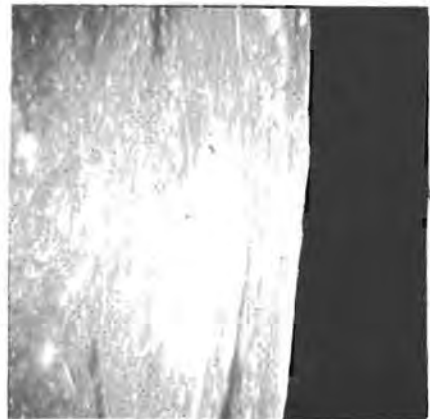
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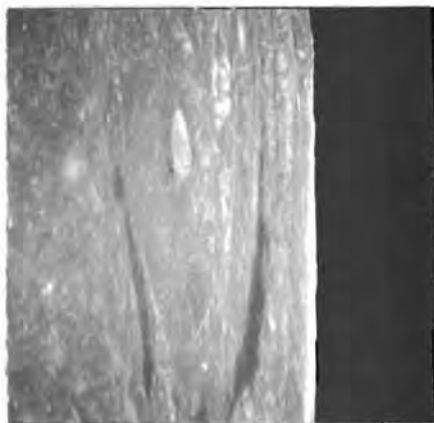
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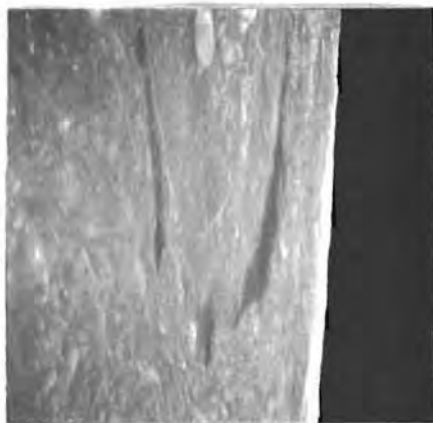
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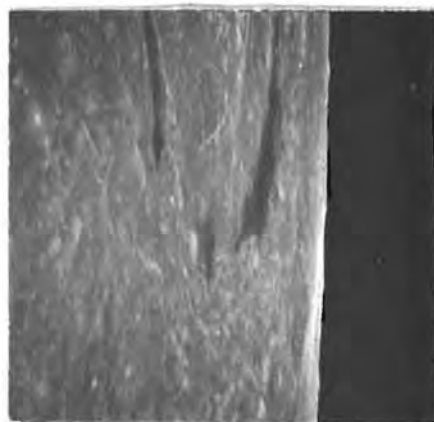
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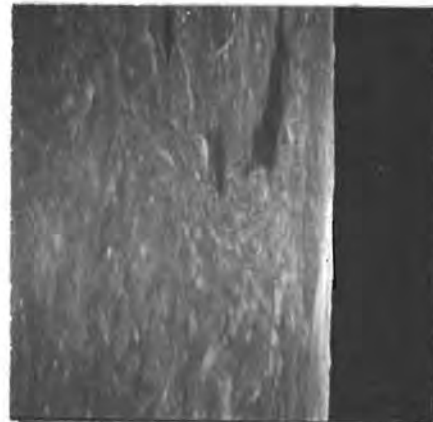
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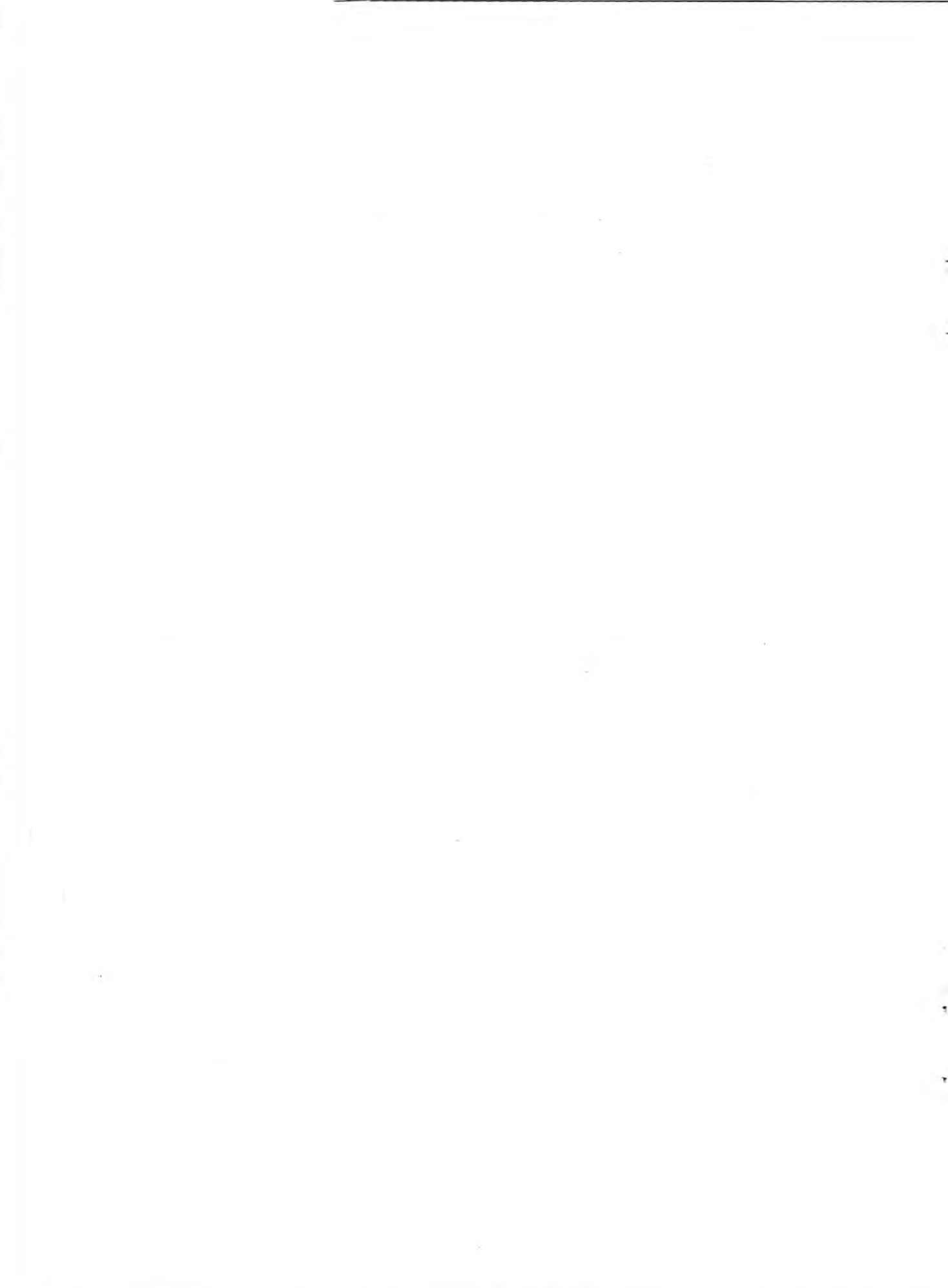
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AS12-50-7459



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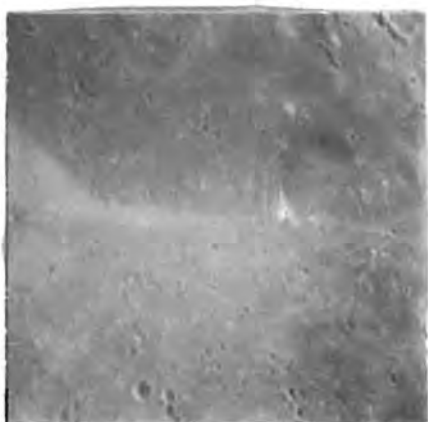




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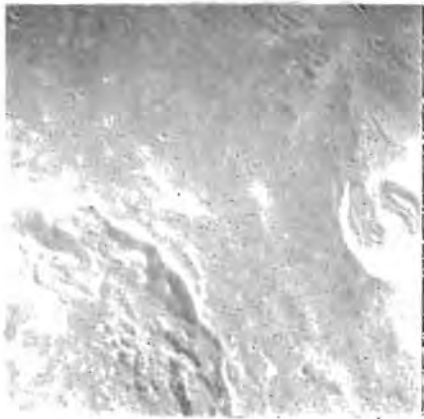
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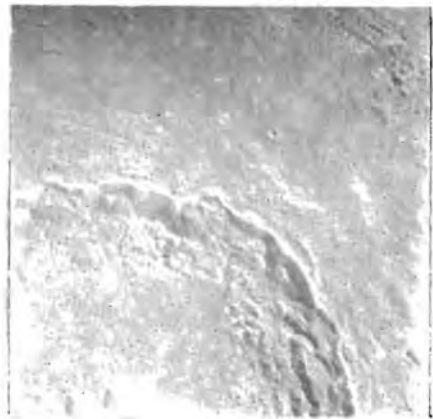
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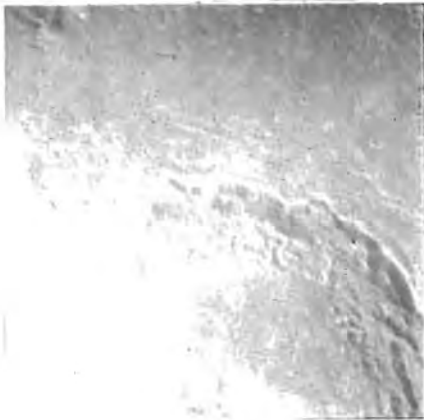
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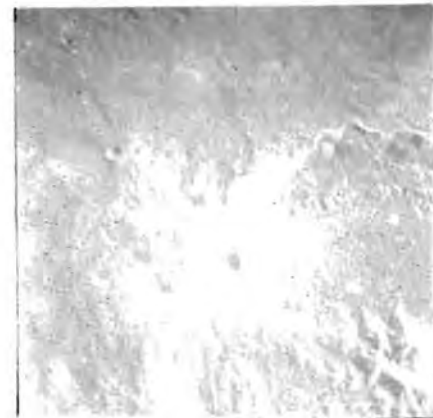
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AS12- 51-7470



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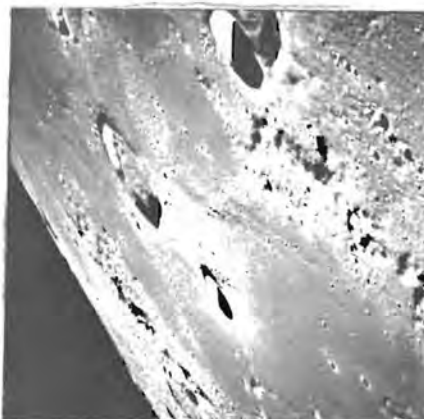
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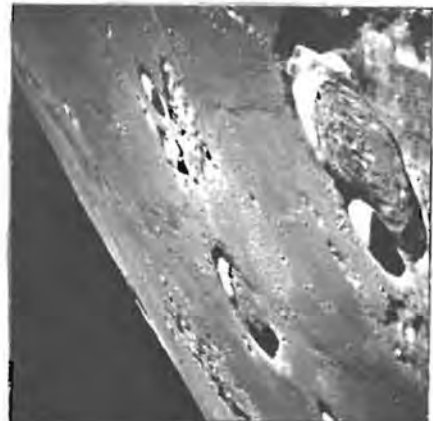
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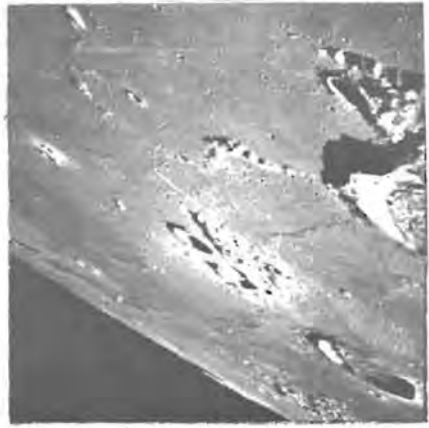
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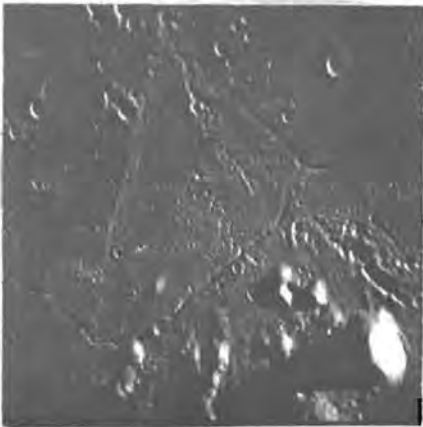
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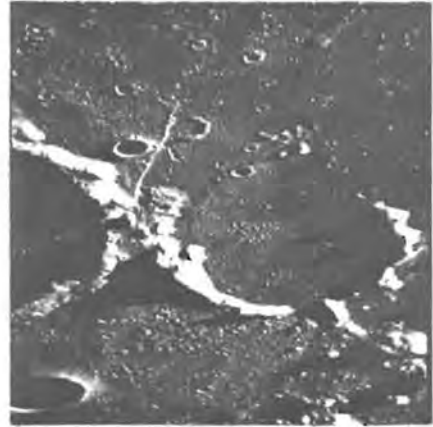
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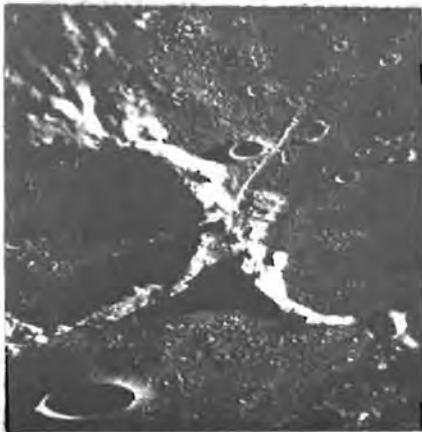
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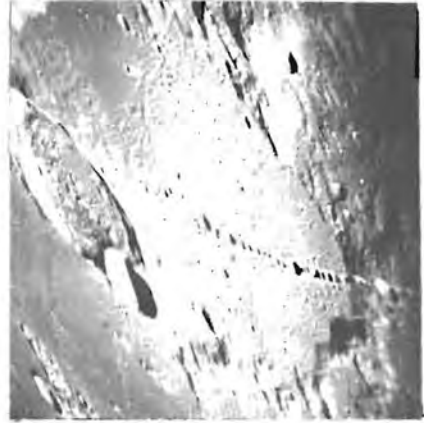
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AS12- 51-7486



AS12- 51-7487



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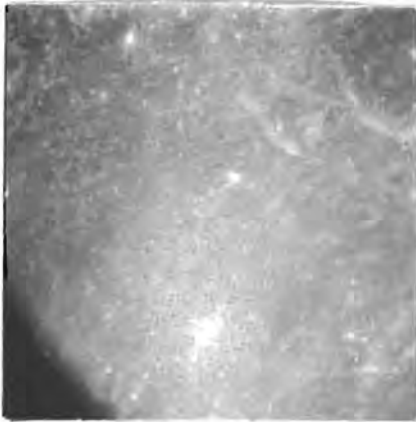
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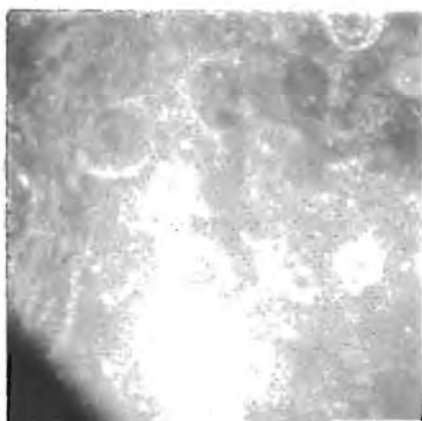
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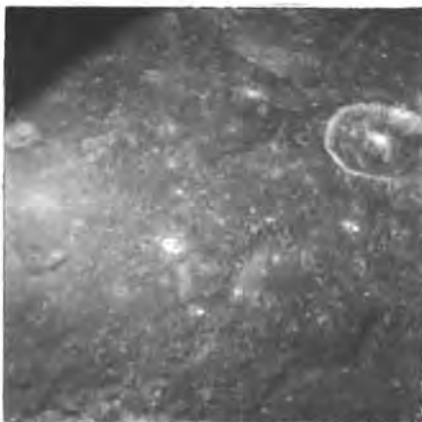
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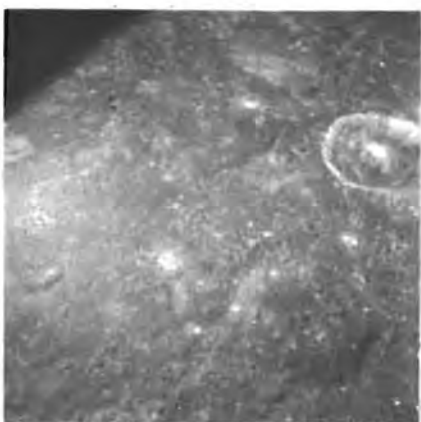
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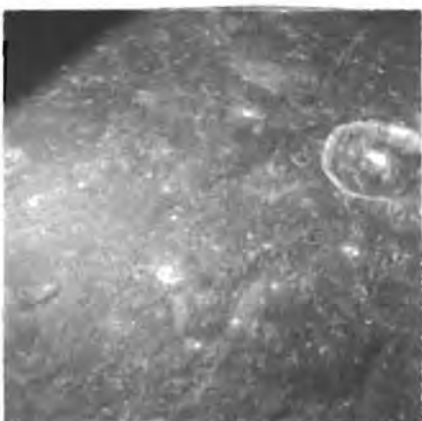
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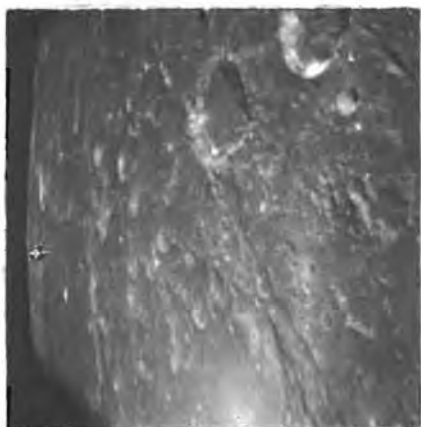
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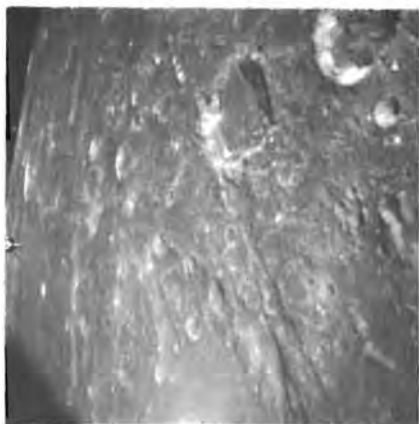
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AS12- 51-7502



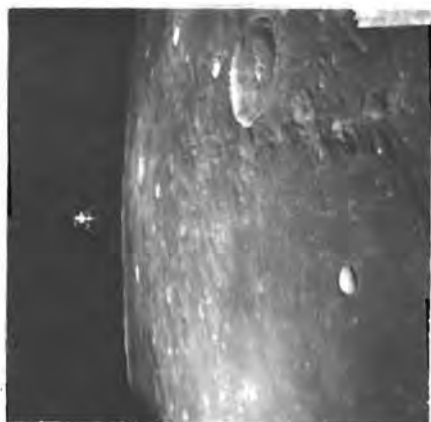
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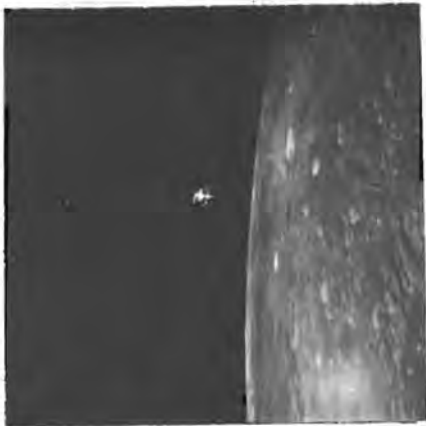
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AS12-51-7510



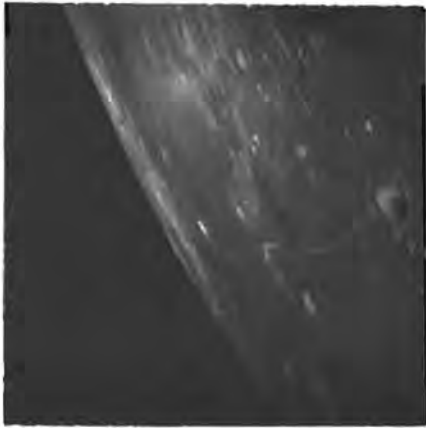
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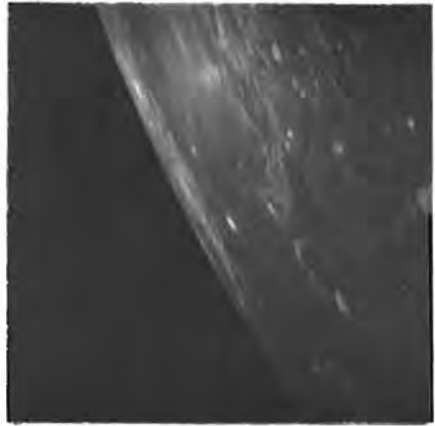
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AS12- 51-7513



AS12- 51-7514



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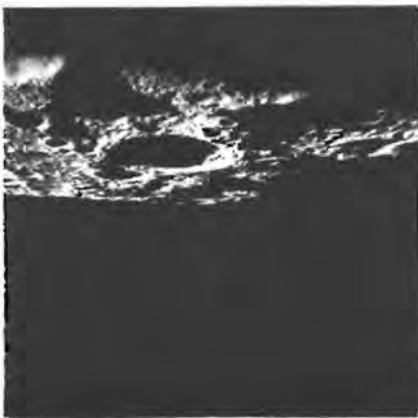
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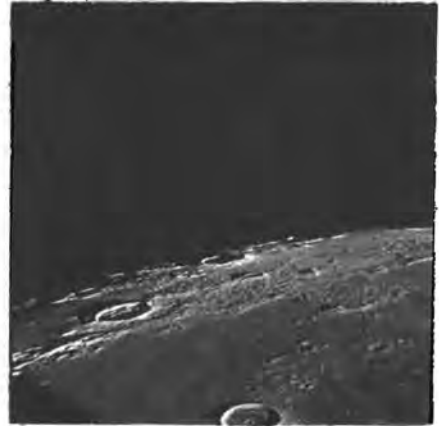
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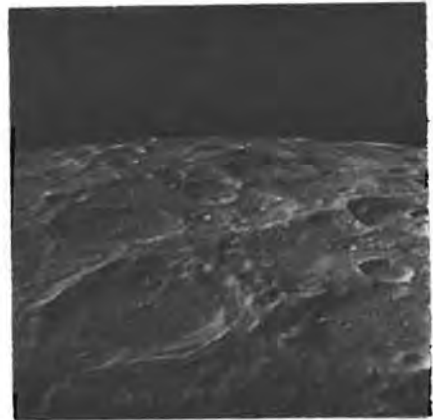
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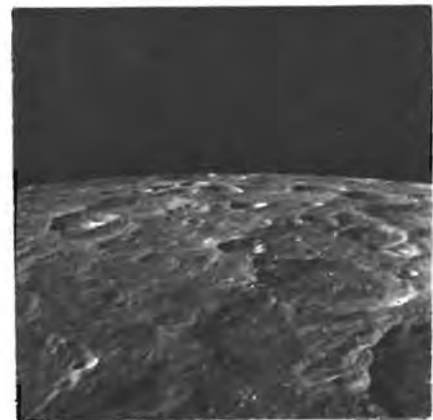
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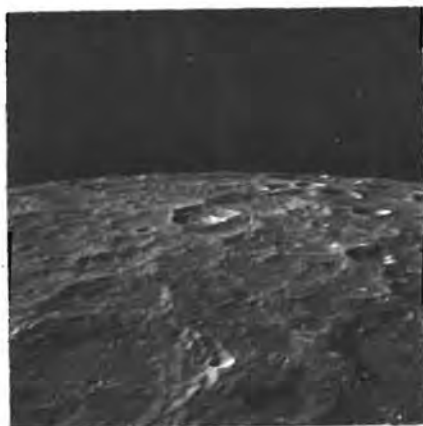
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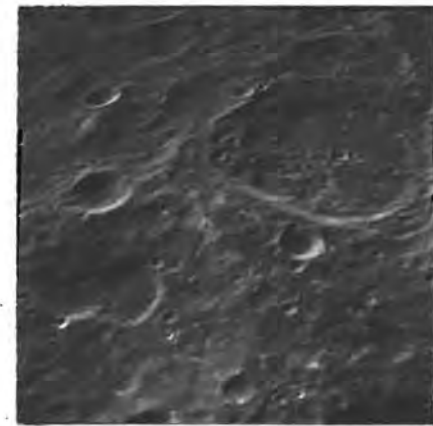
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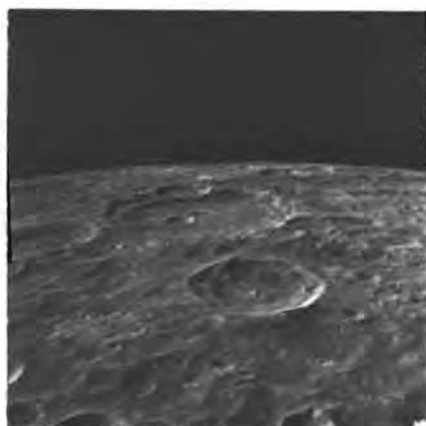
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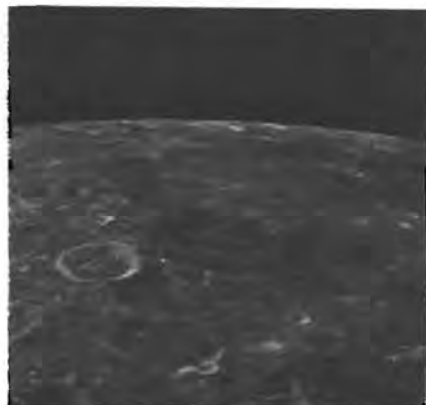
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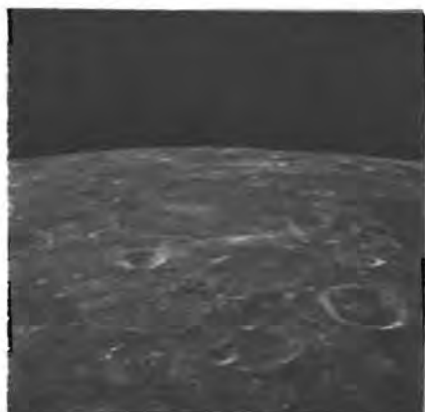
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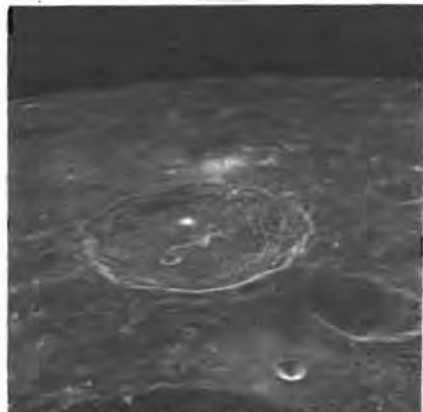
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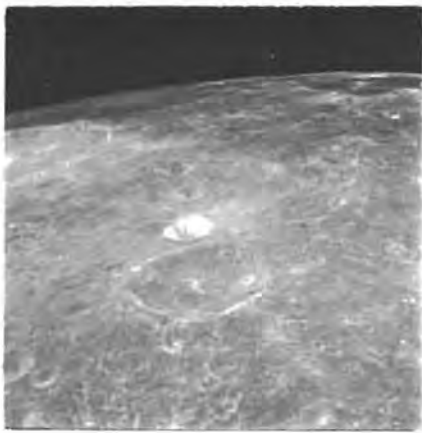
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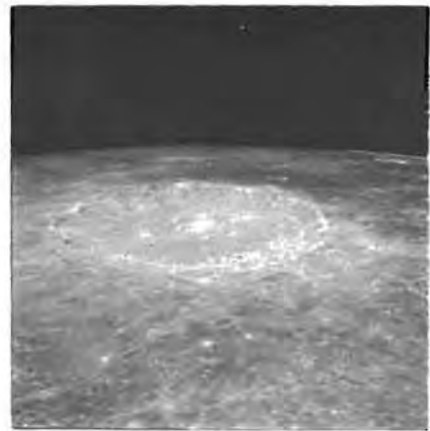
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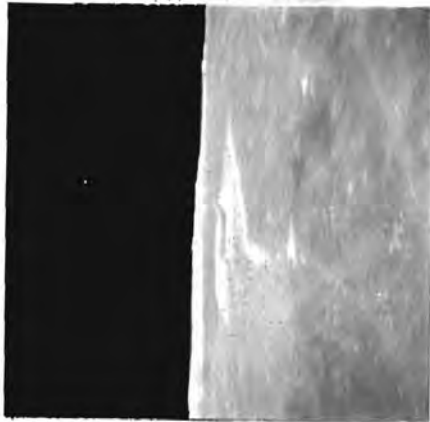
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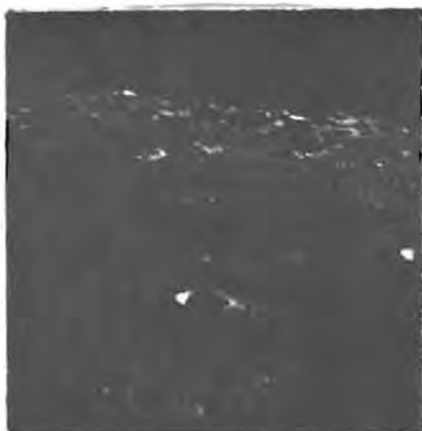
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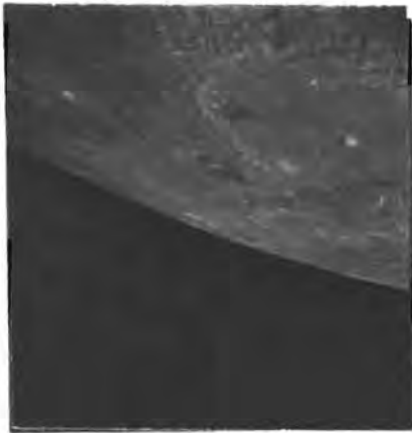
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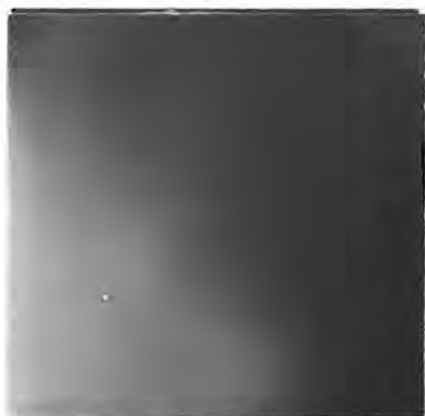
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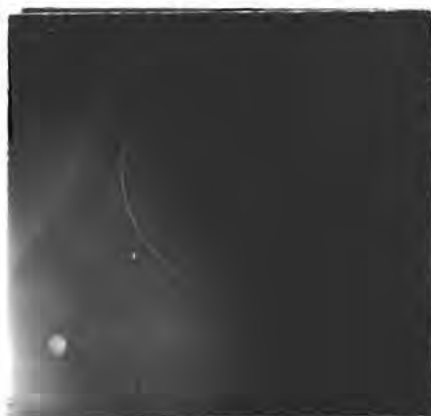
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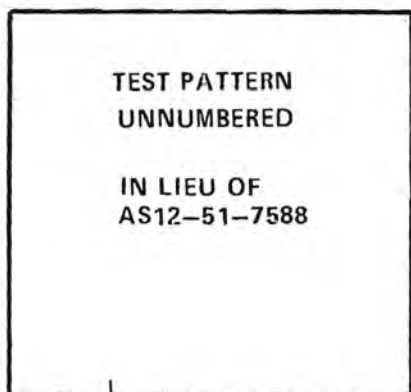
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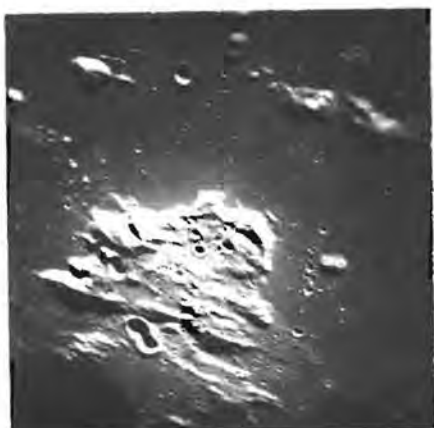
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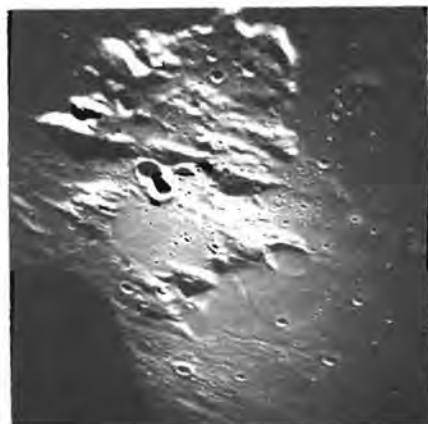
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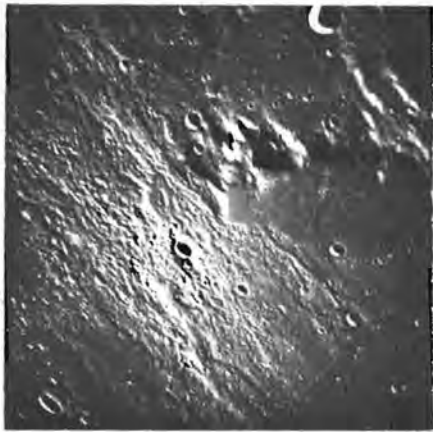
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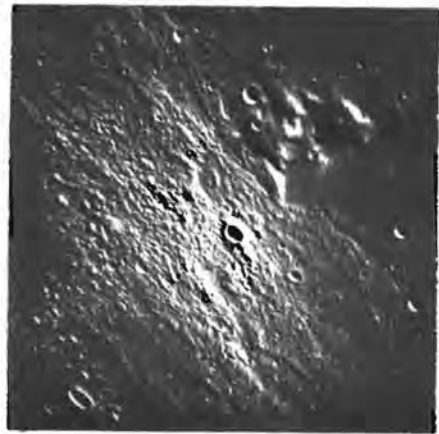
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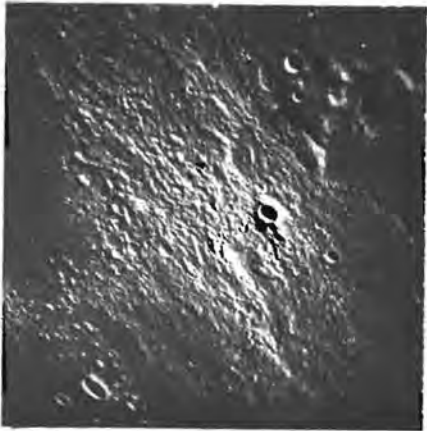
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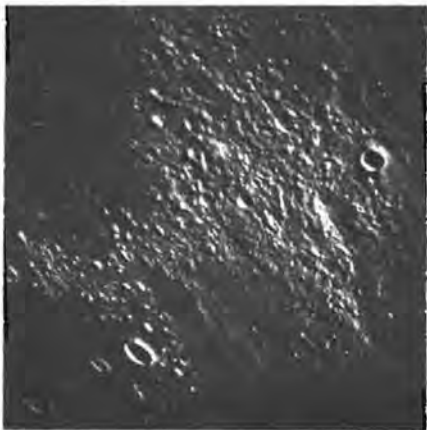
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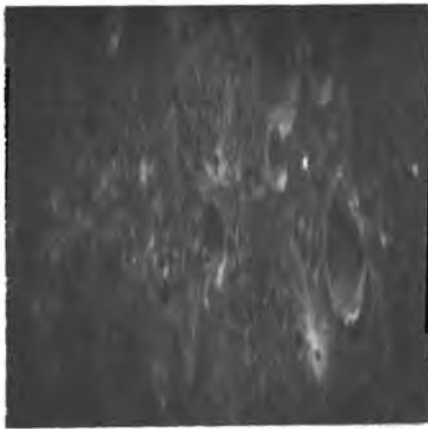
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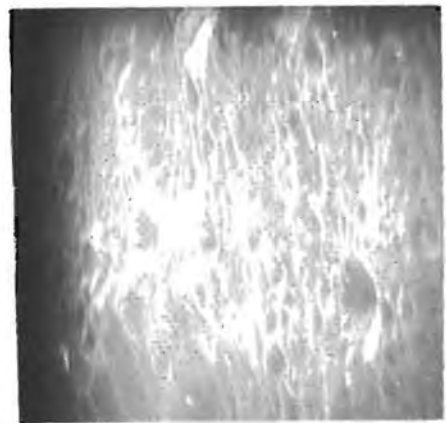
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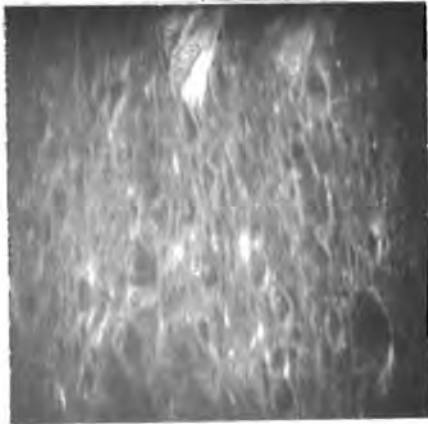
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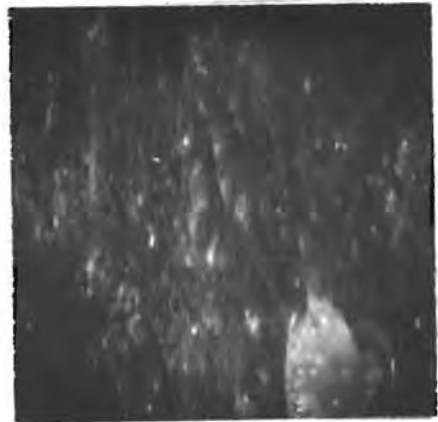
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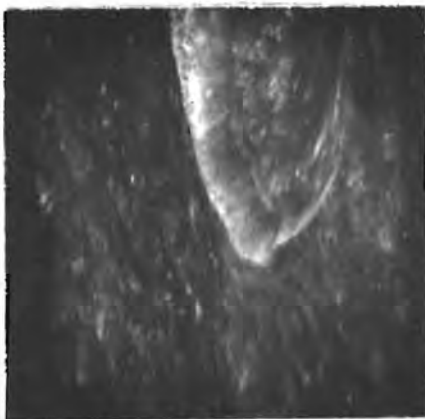
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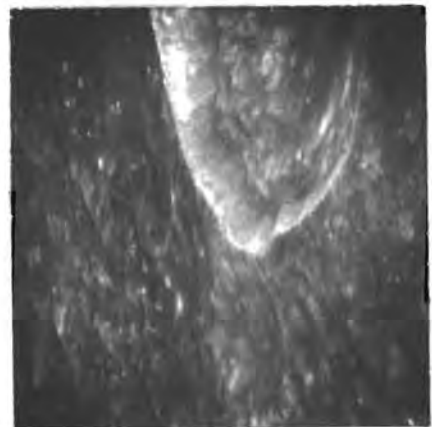
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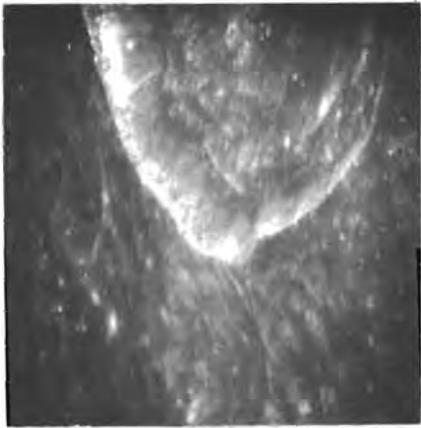
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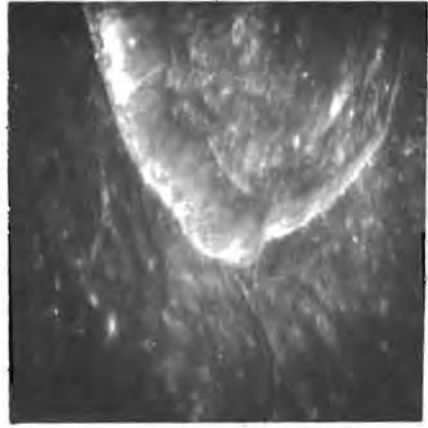
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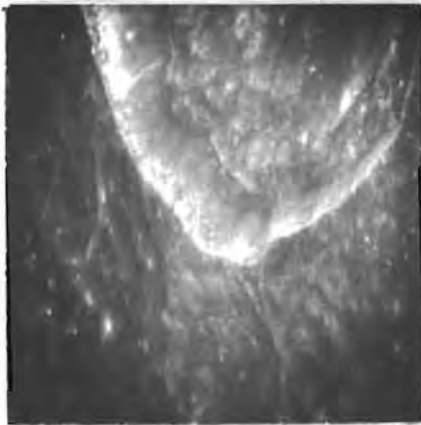
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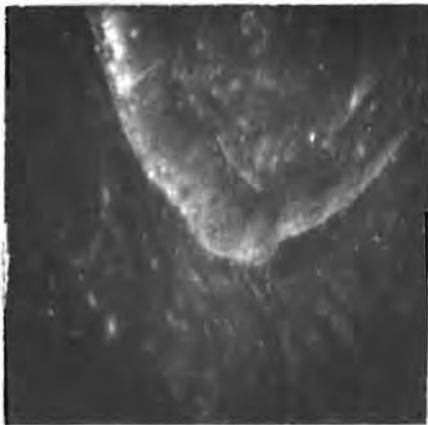
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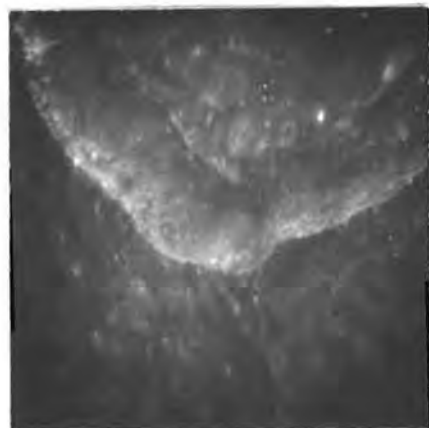
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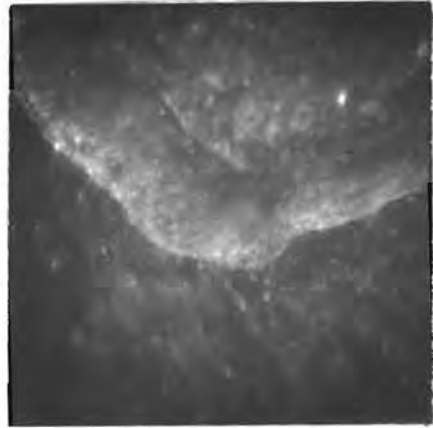
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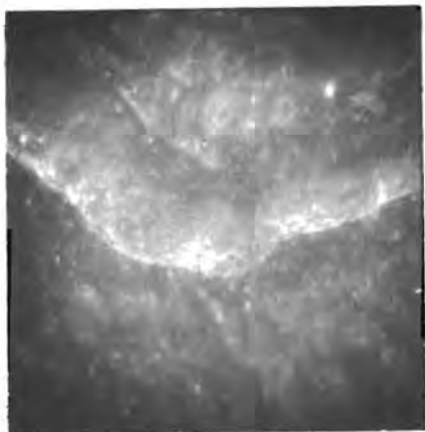
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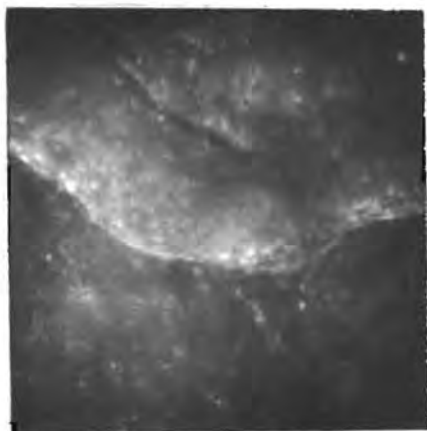
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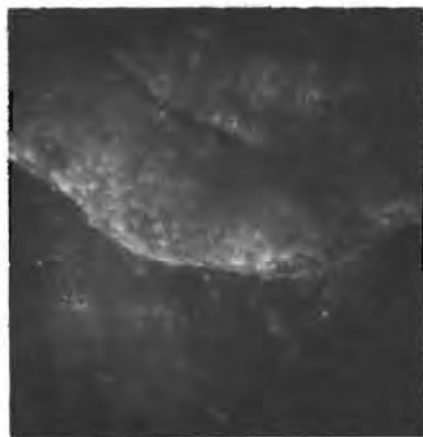
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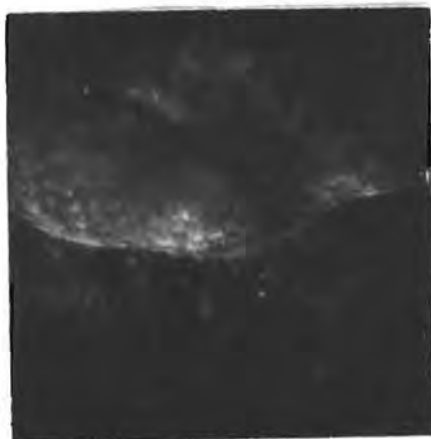
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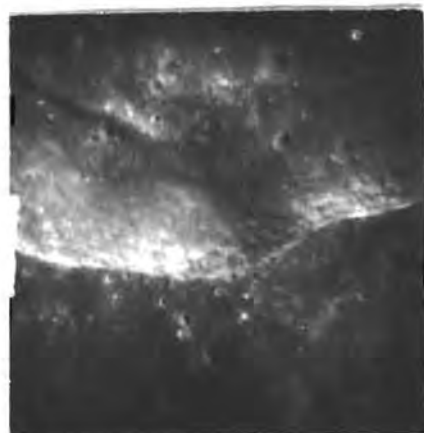
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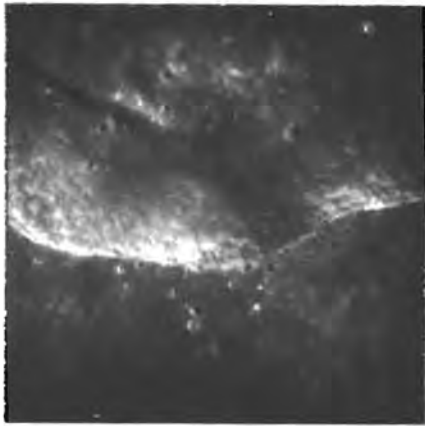
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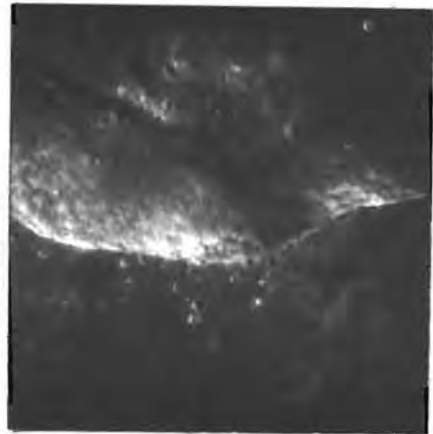
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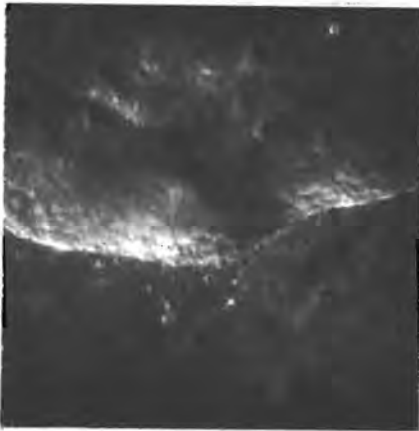
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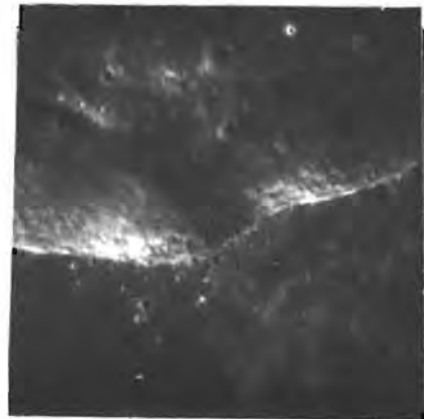
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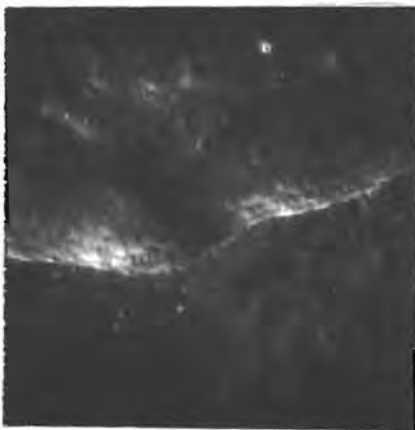
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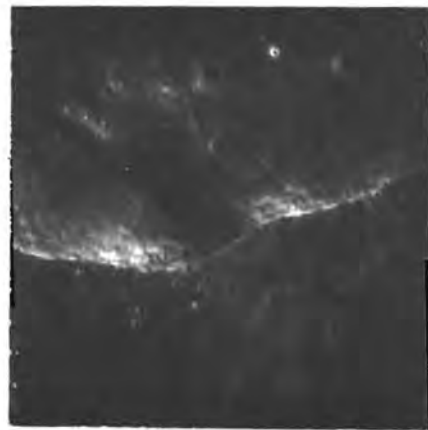
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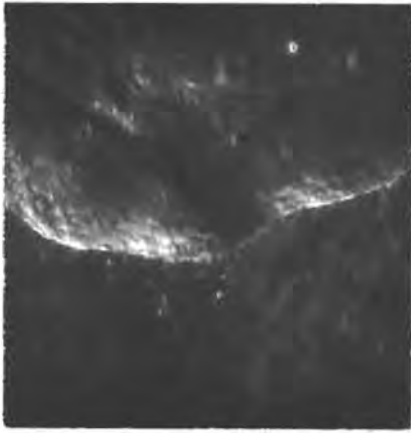
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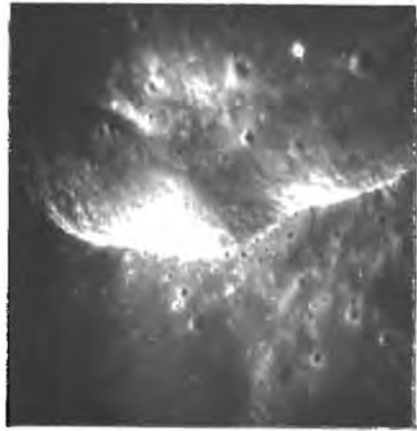
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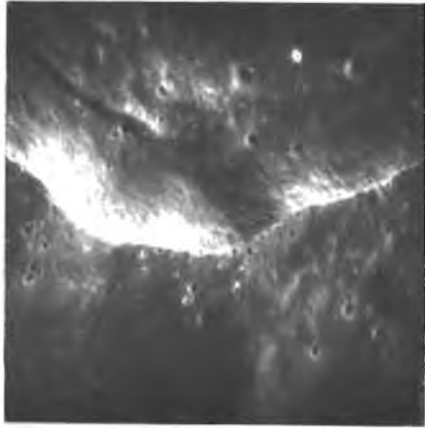
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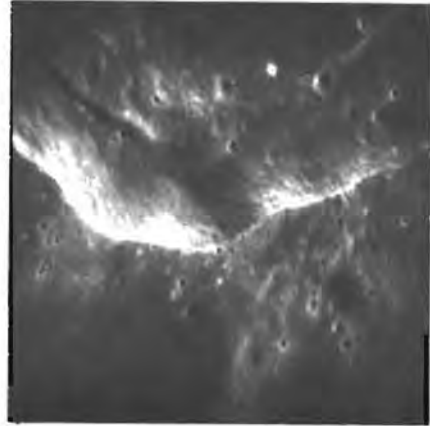
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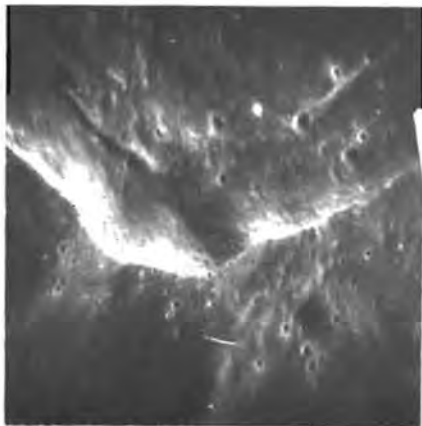
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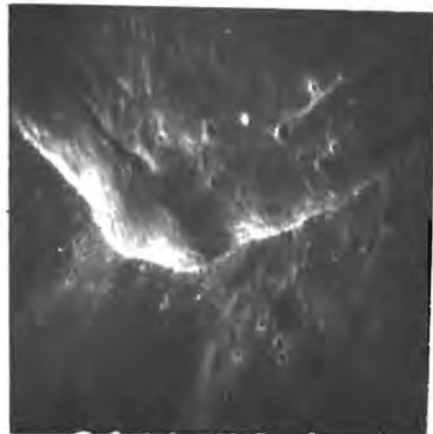
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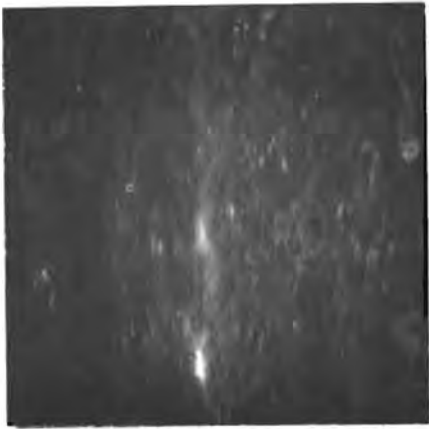
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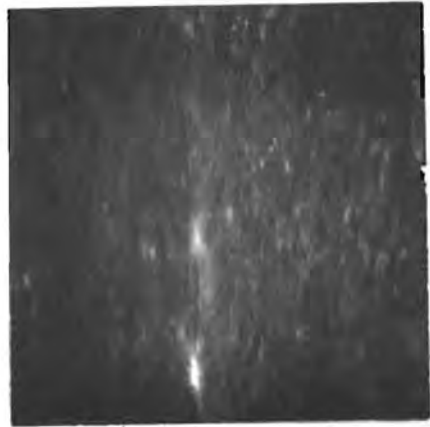
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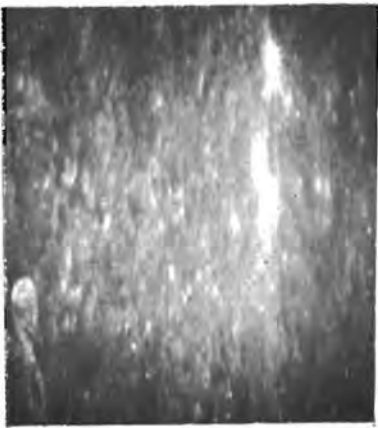
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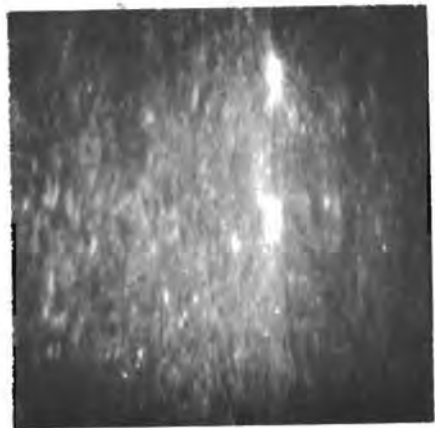
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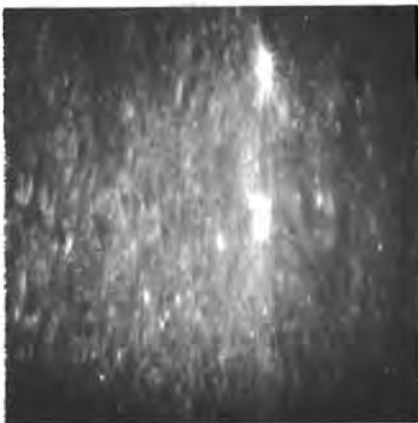
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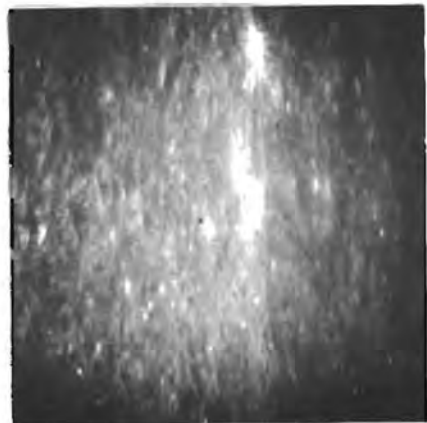
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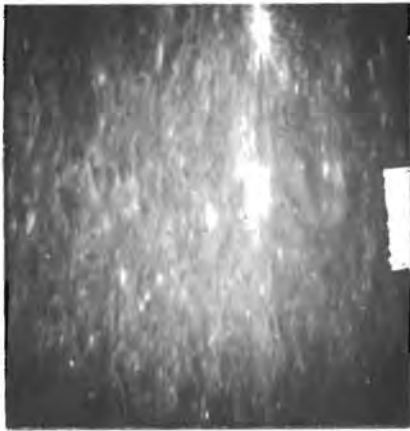
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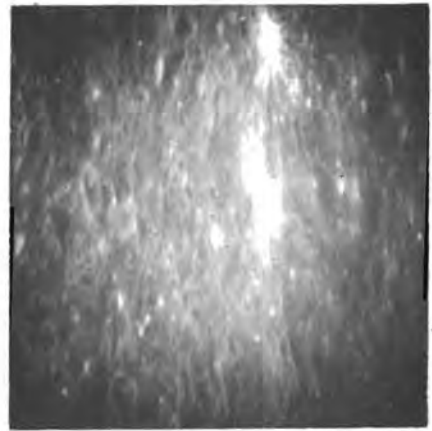
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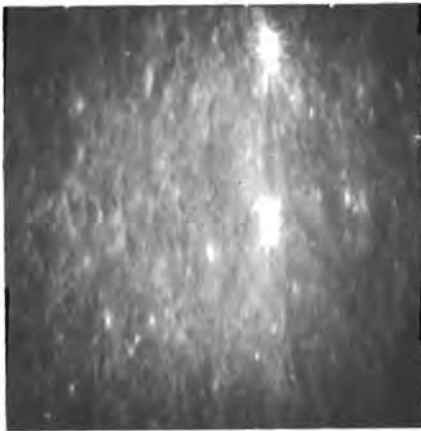
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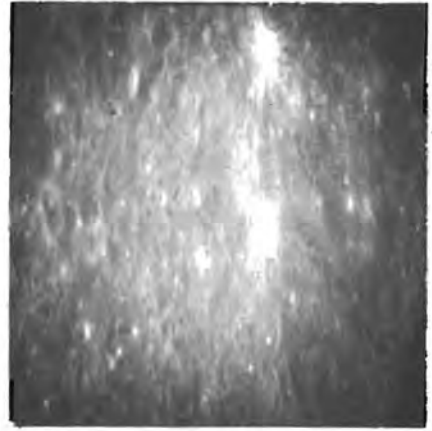
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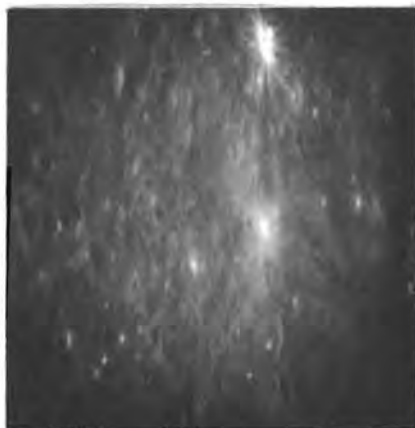
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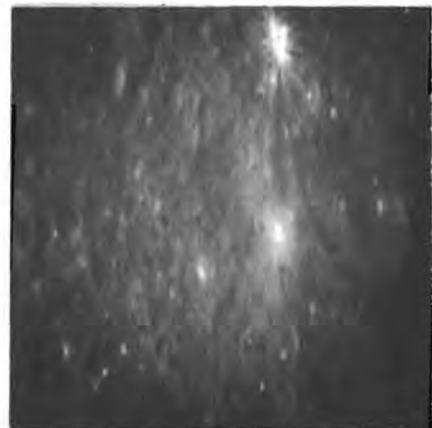
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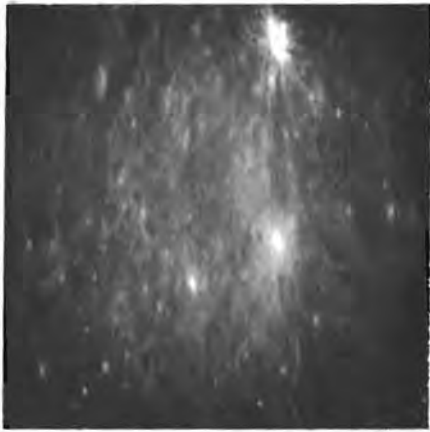
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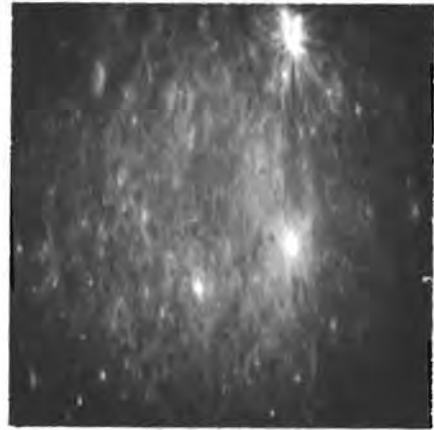
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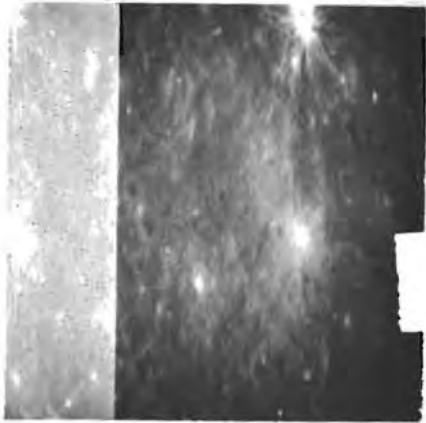
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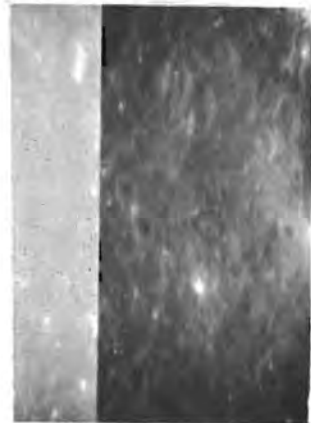
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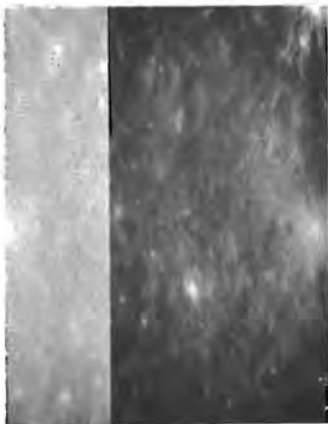
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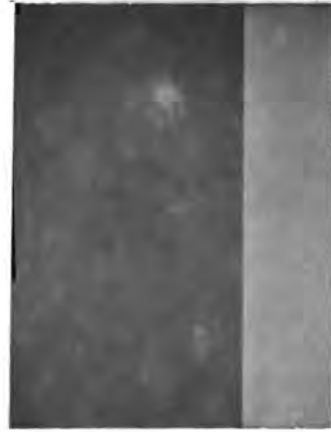
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AS12- 52-7663



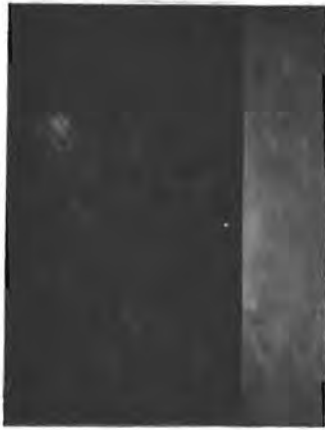
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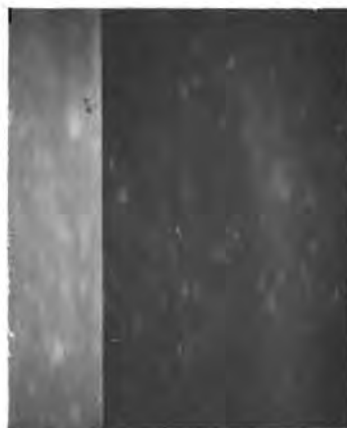
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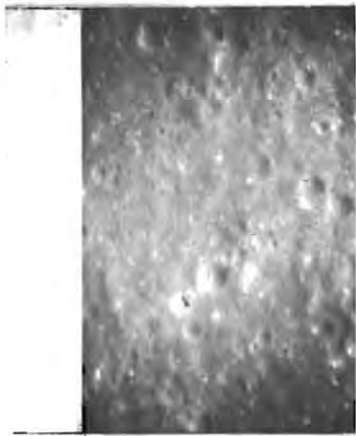
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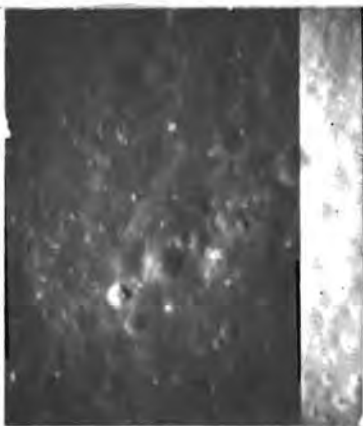
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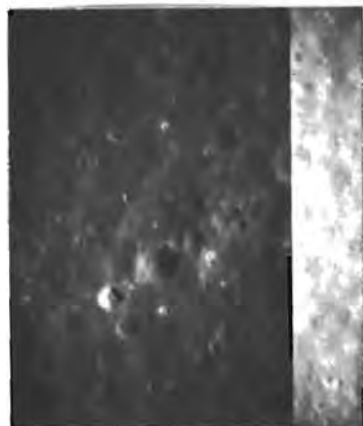
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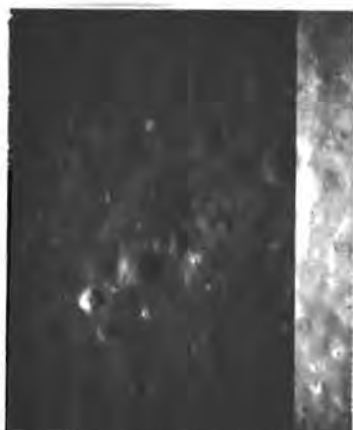
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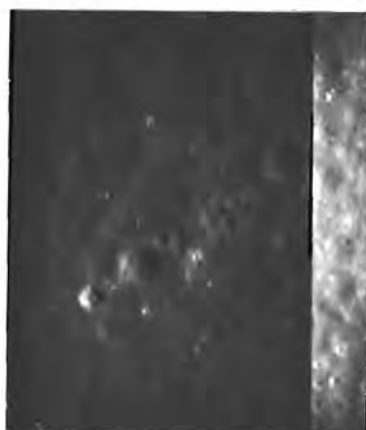
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AS12-52-7696



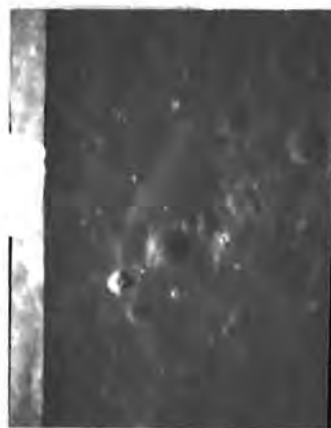
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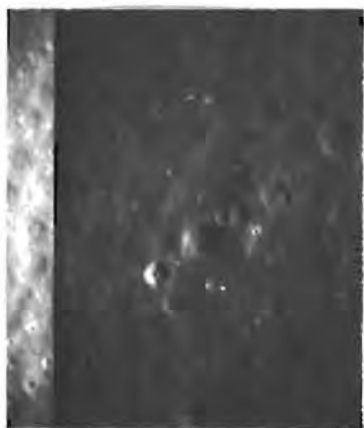
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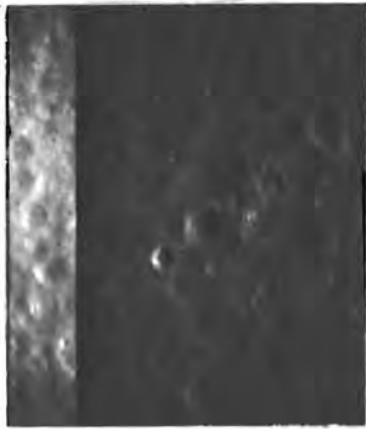
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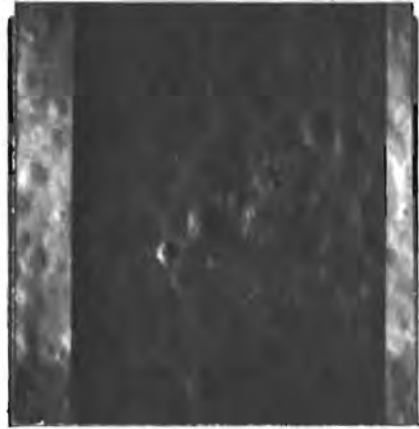
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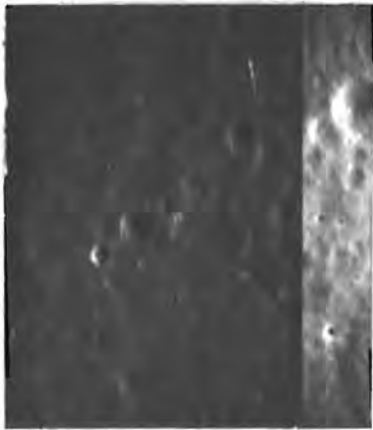
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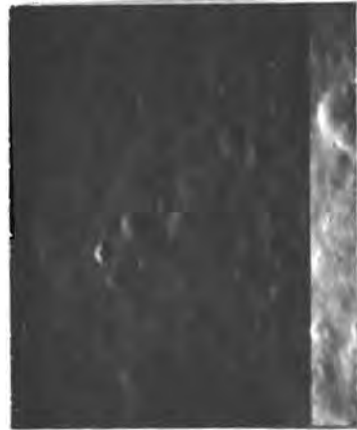
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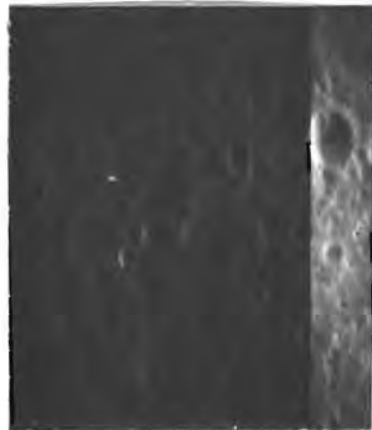
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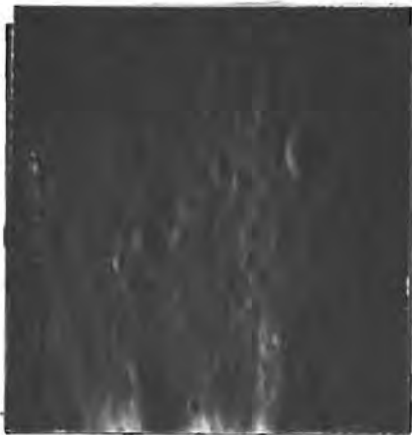
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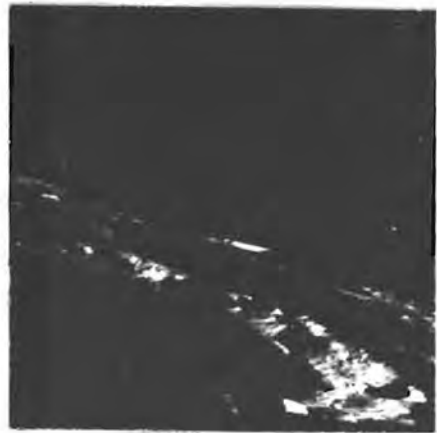
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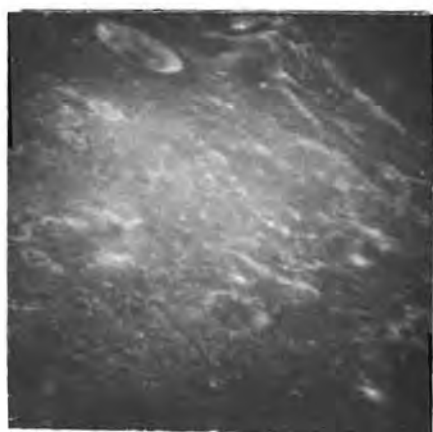
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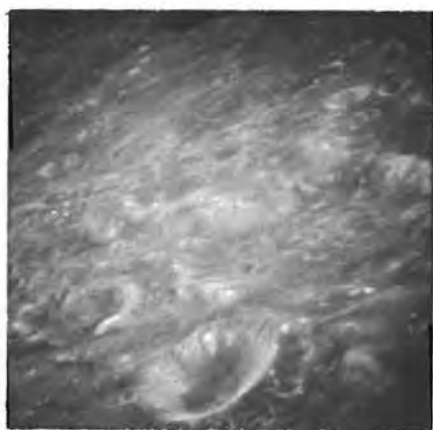
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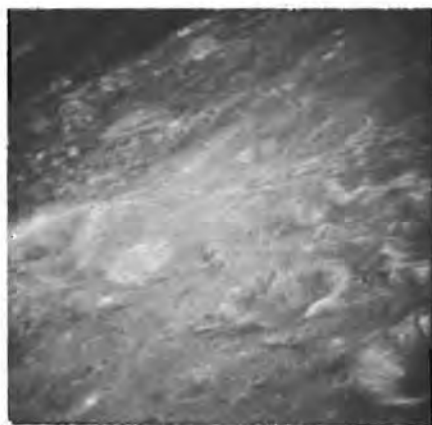
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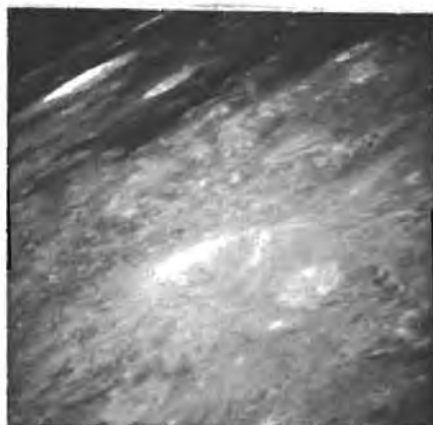
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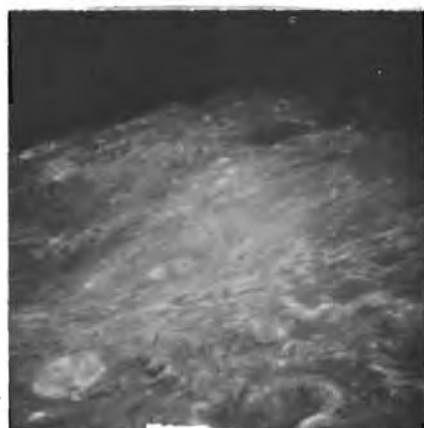
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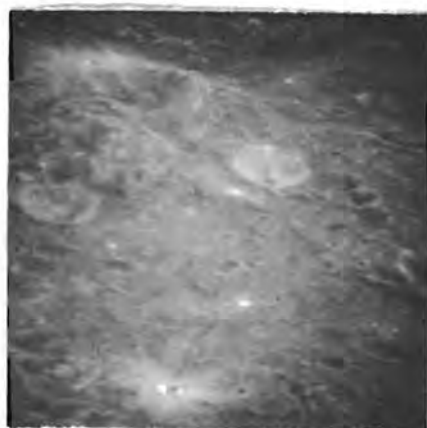
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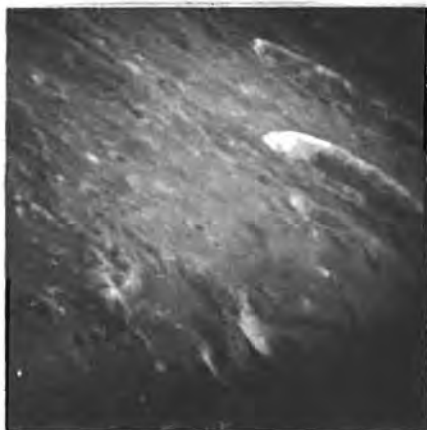
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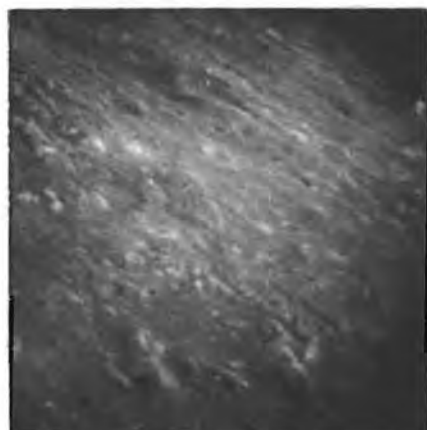
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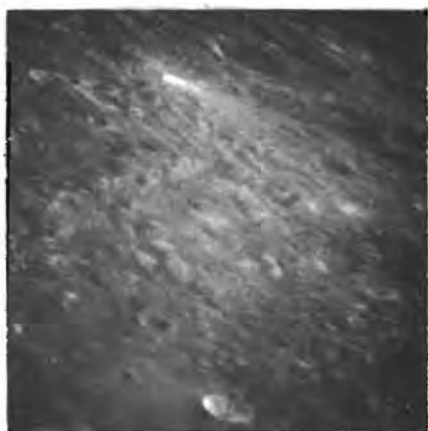
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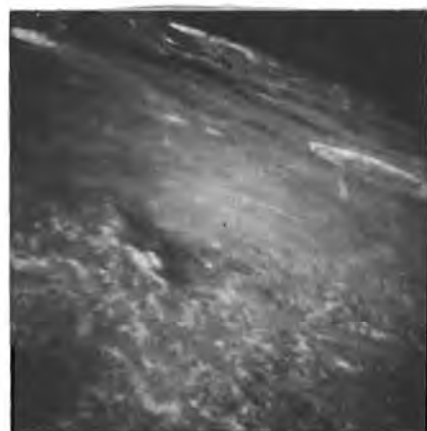
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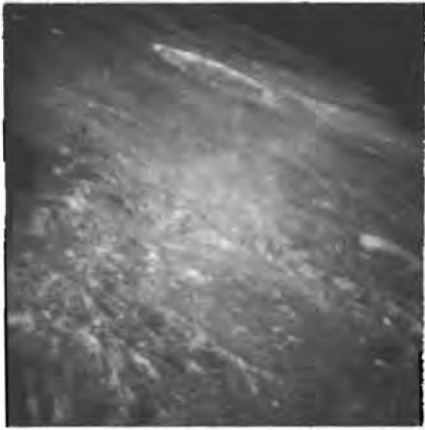
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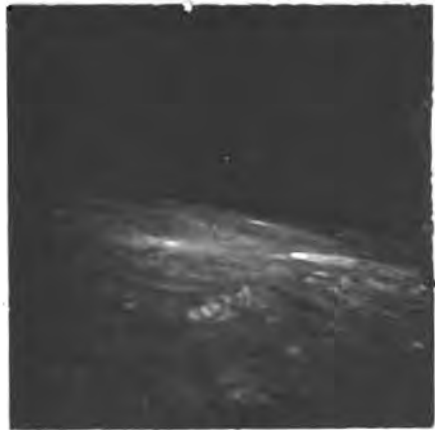
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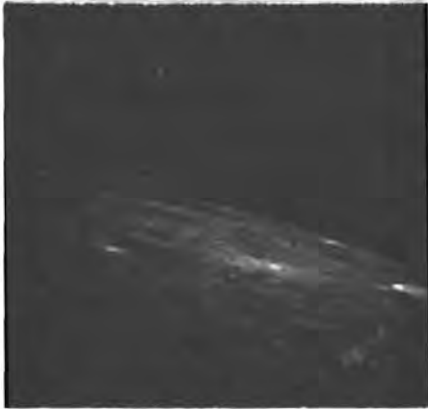
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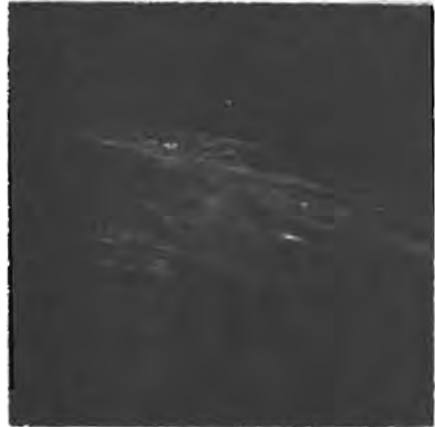
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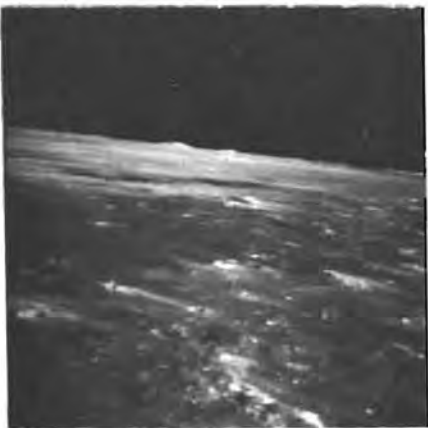
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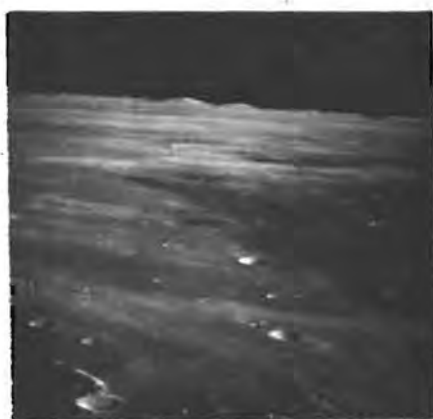
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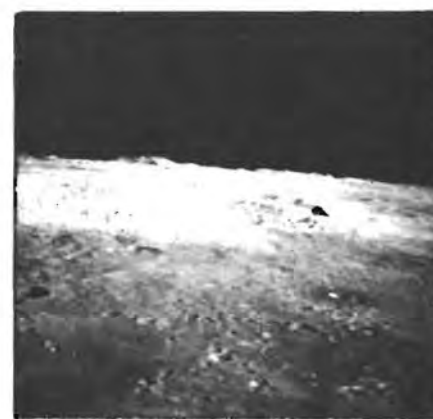
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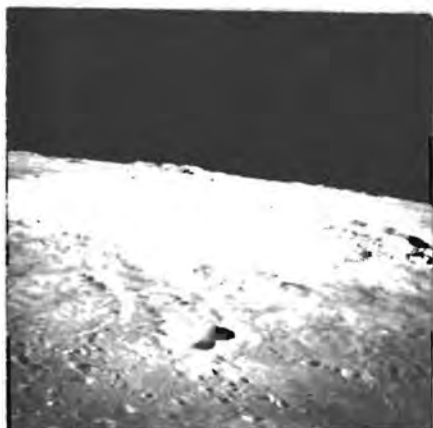
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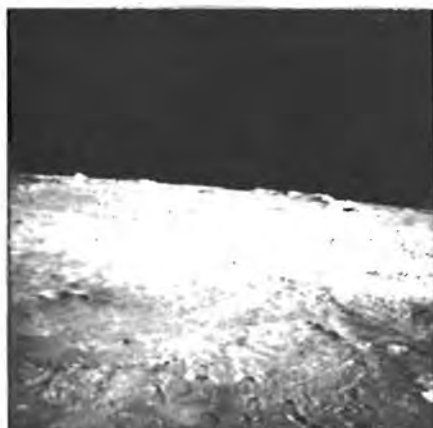
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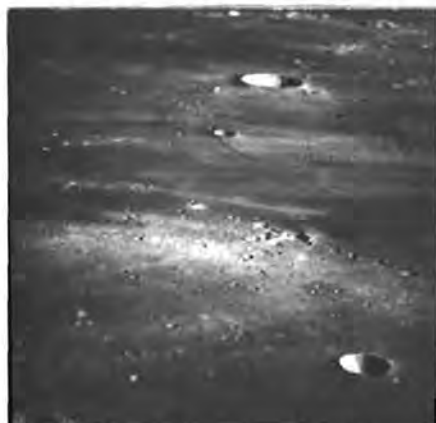
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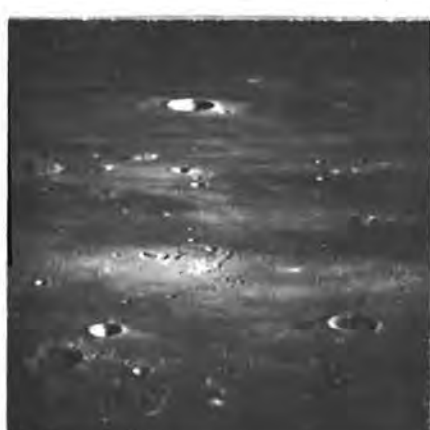
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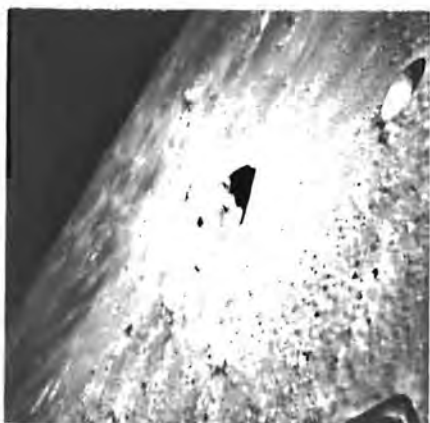
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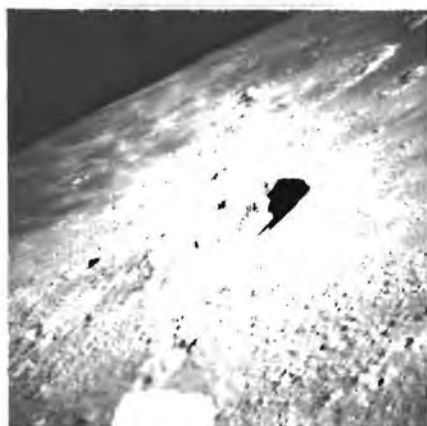
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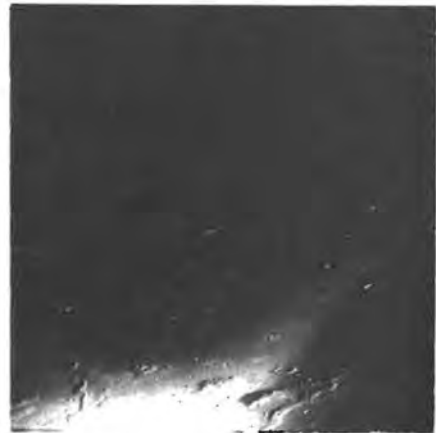
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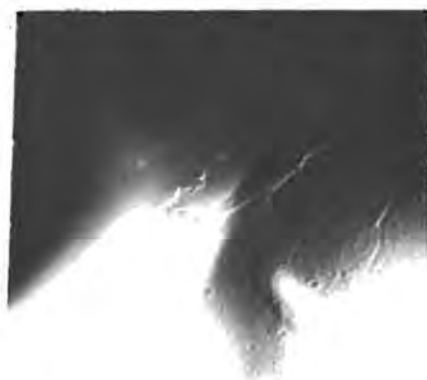
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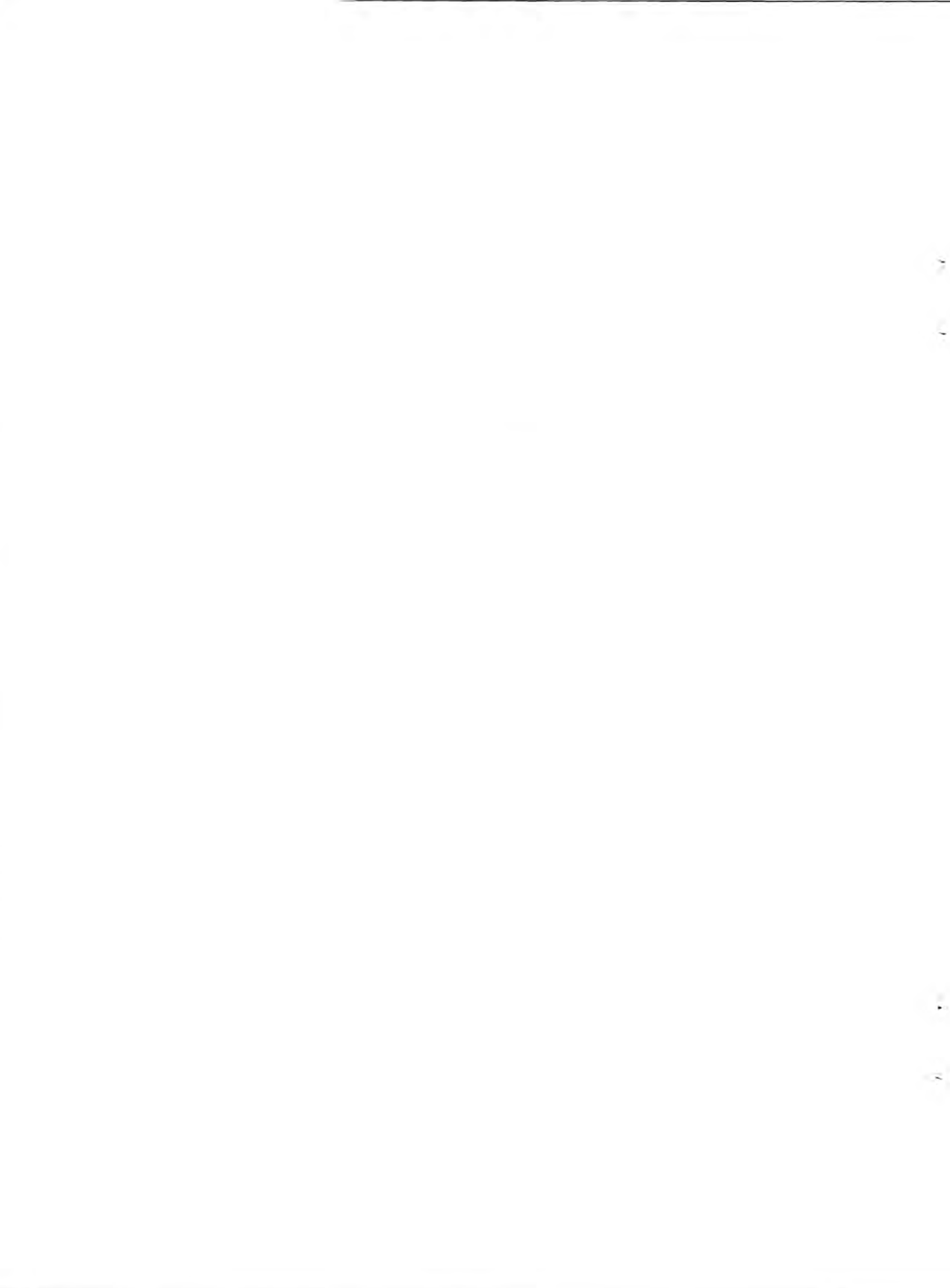
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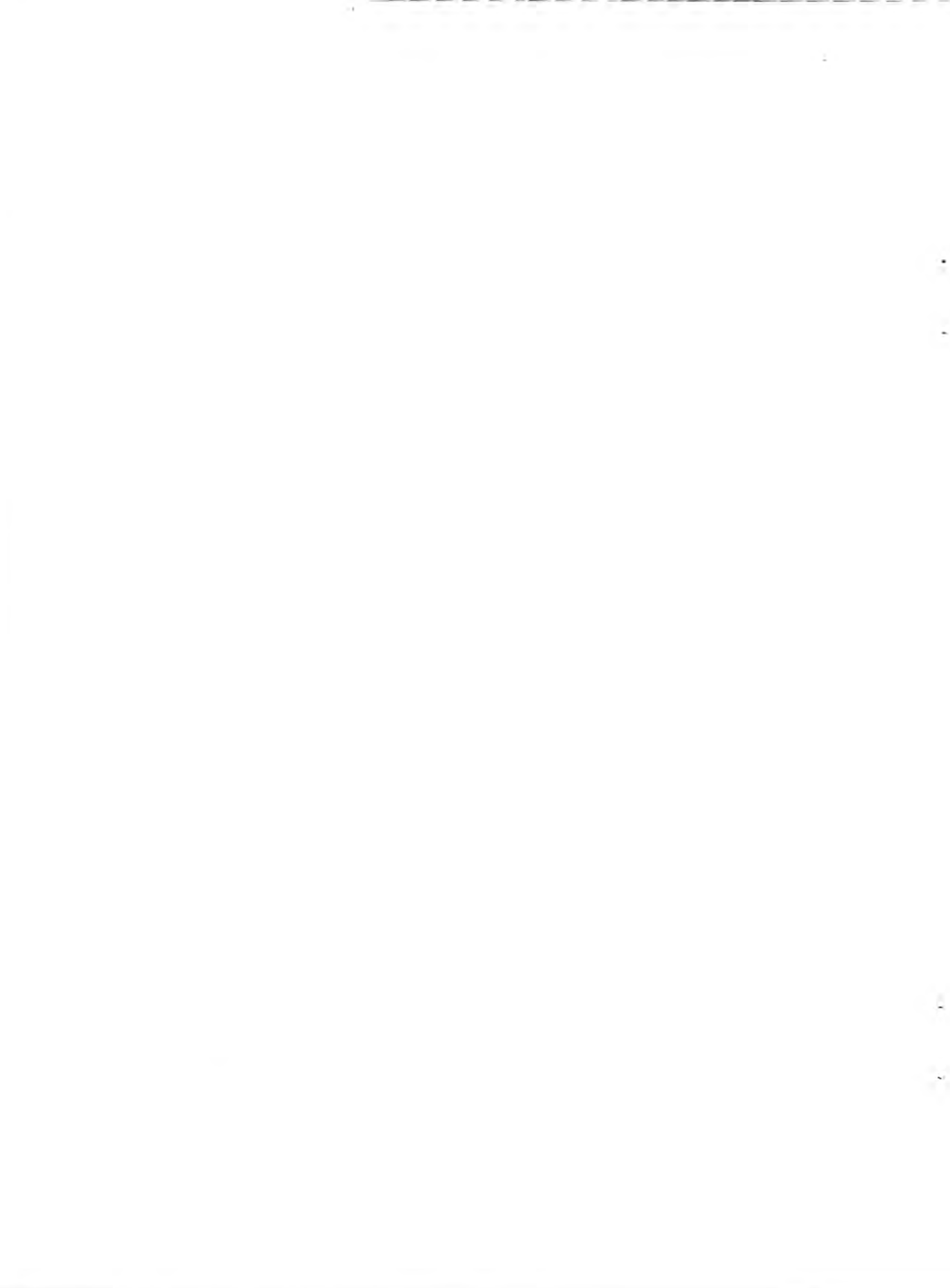
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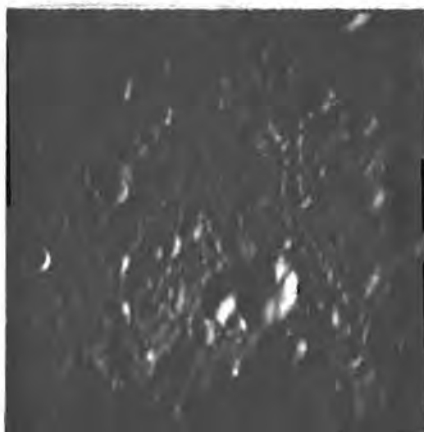
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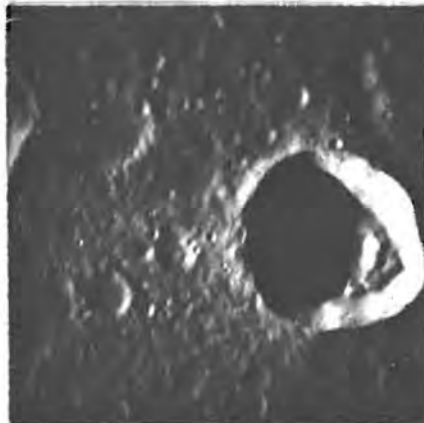
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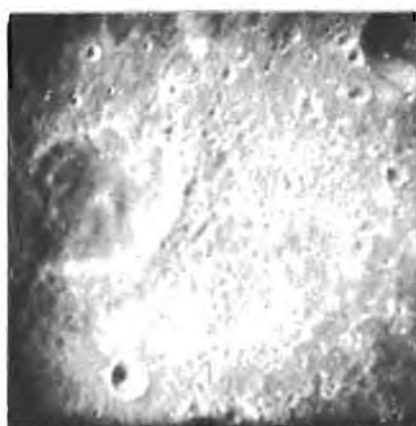
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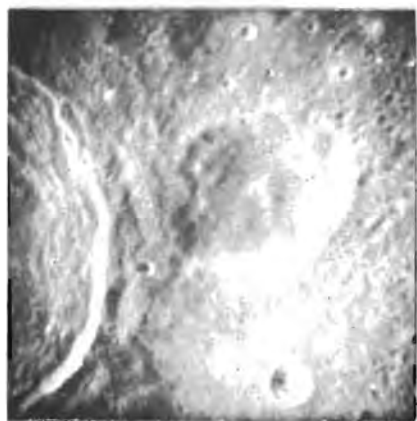
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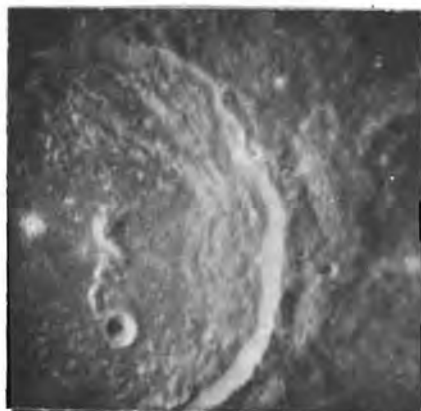
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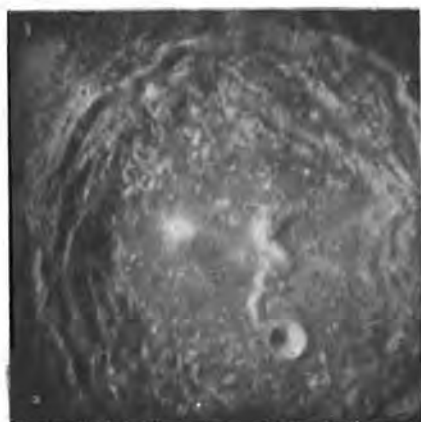
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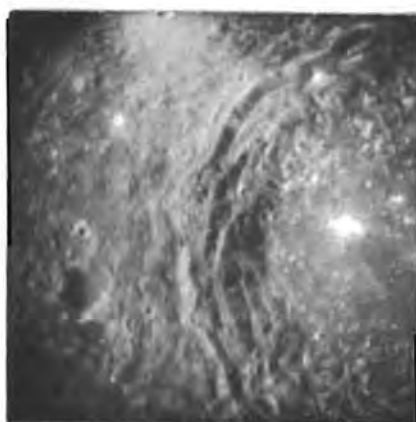
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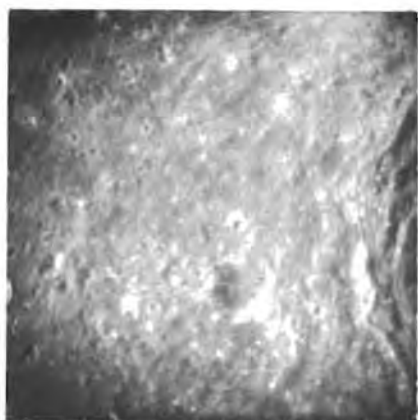
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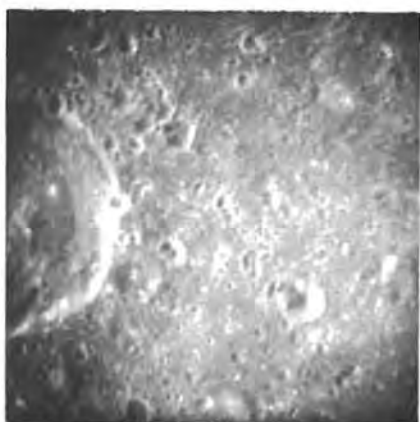
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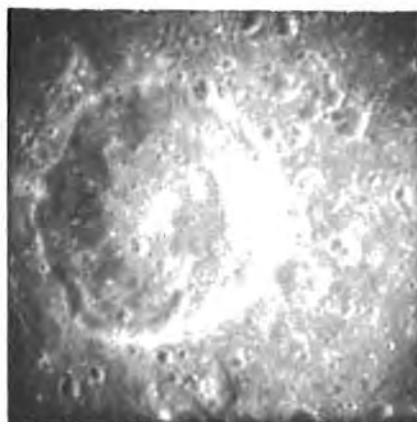
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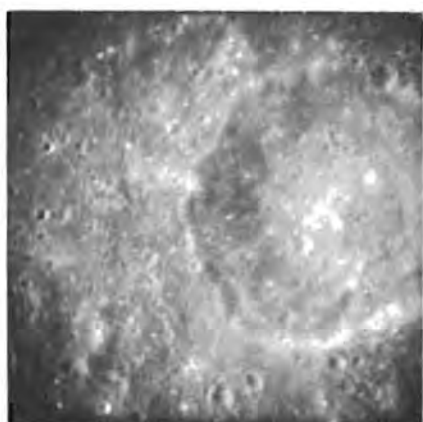
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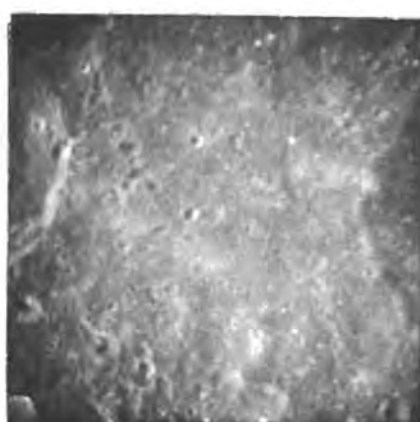
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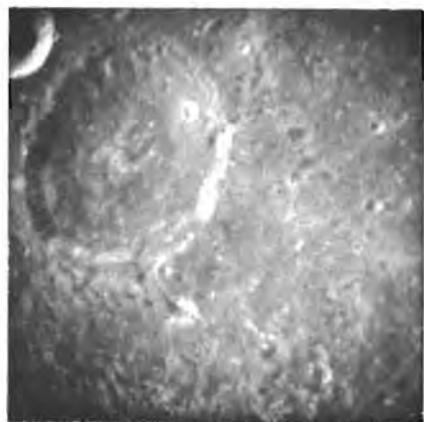
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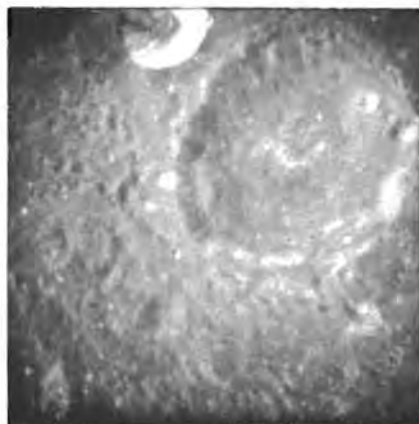
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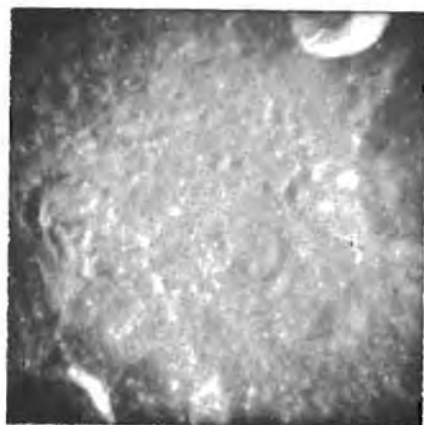
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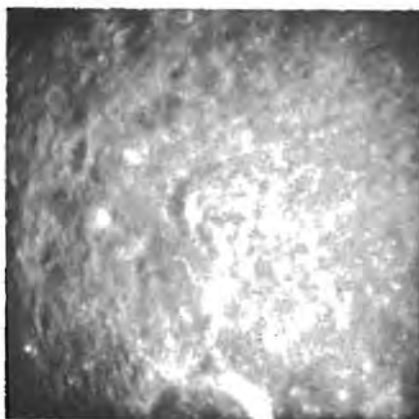
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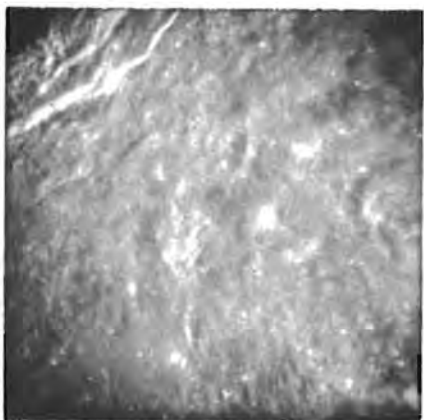
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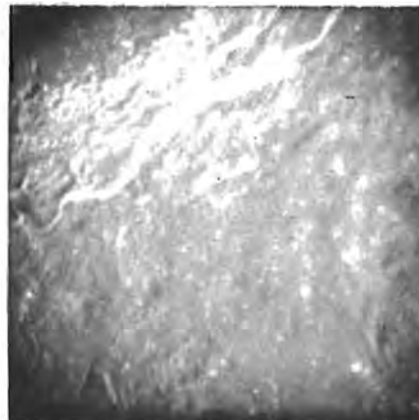
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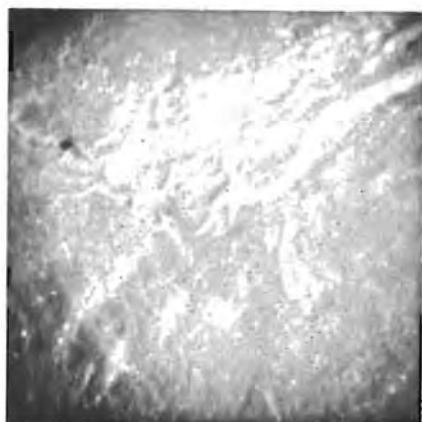
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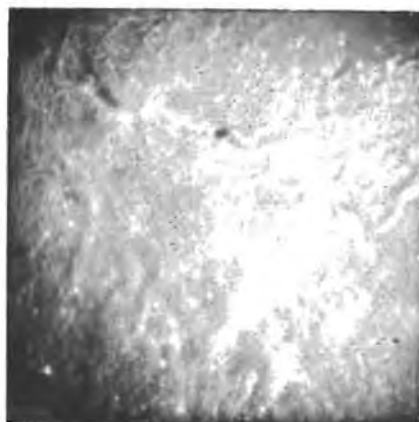
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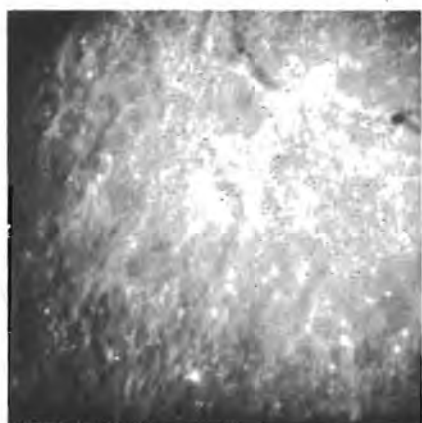
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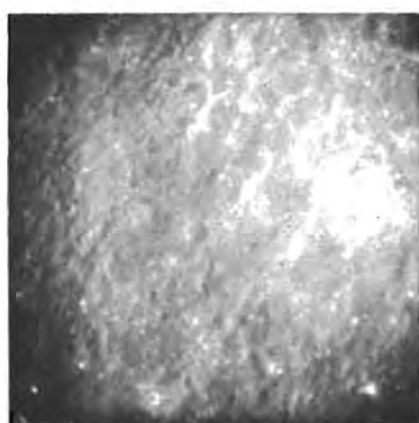
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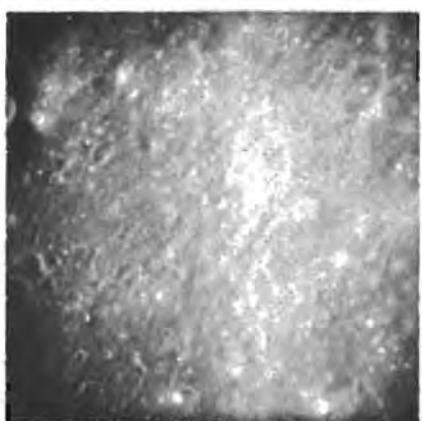
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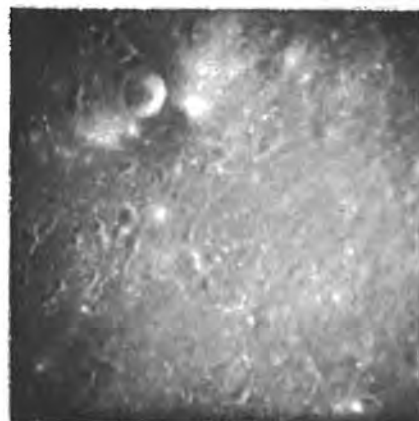
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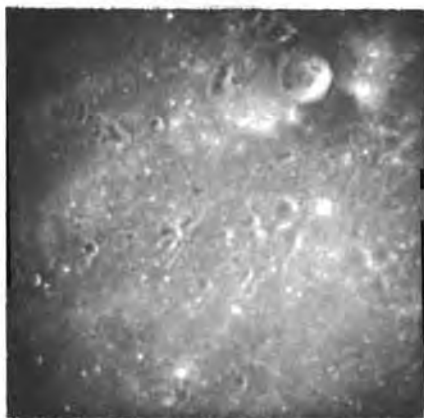
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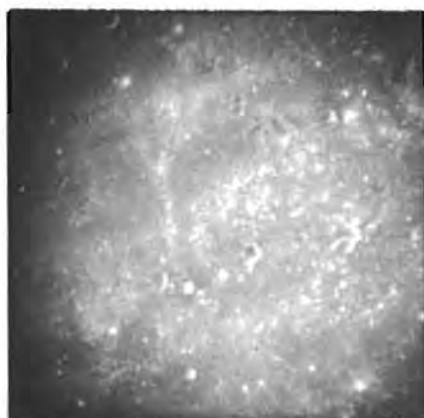
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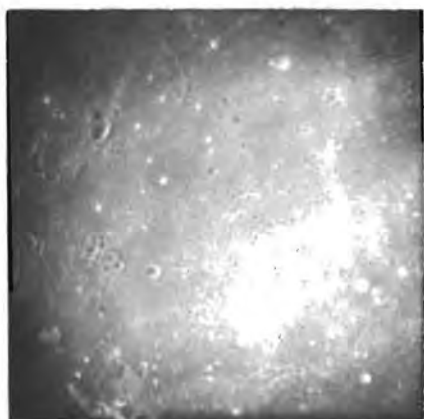
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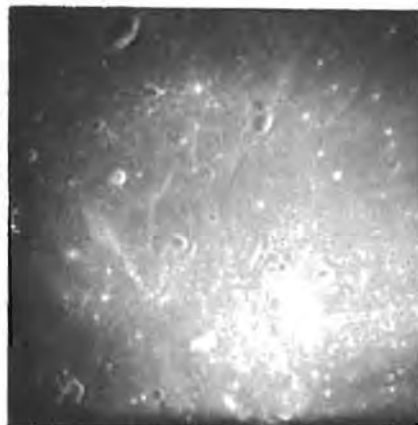
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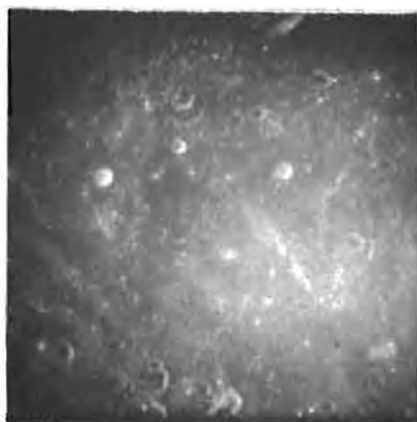
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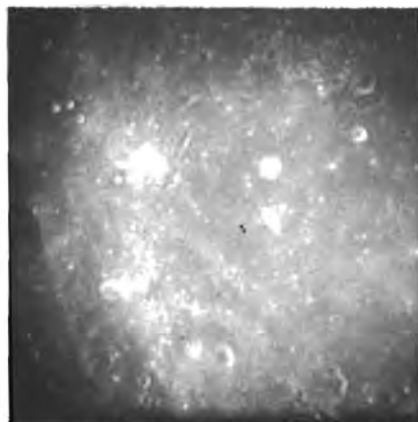
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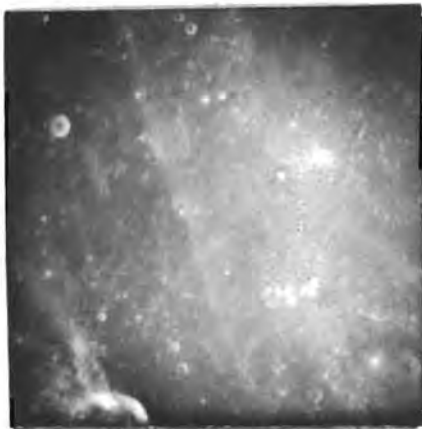
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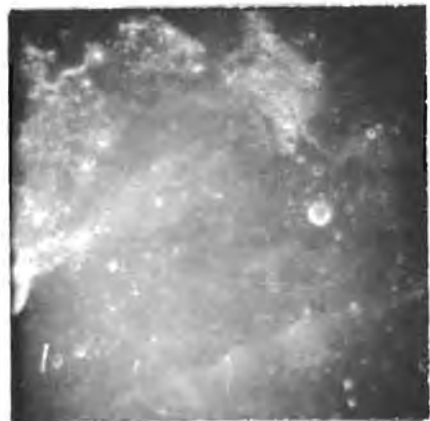
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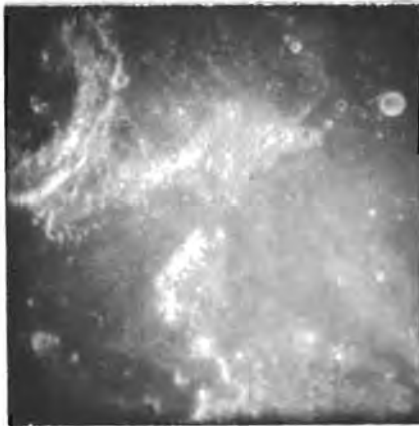
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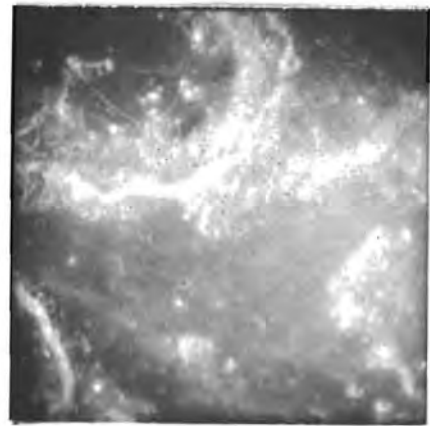
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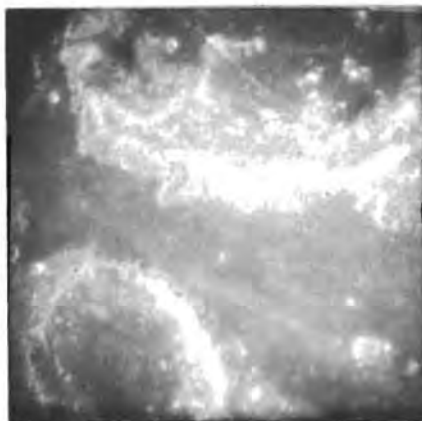
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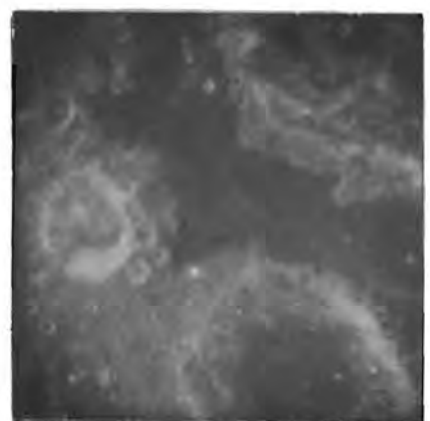
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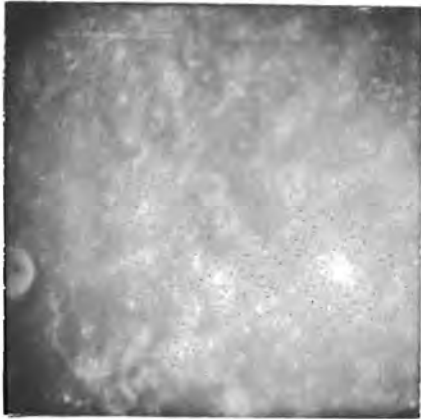
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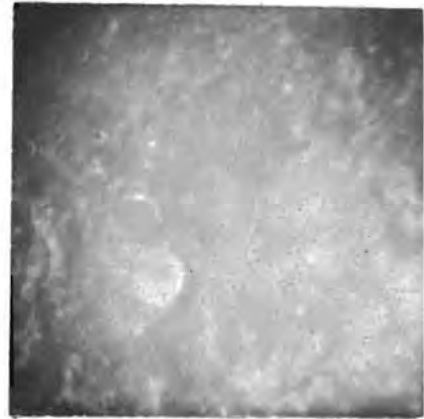
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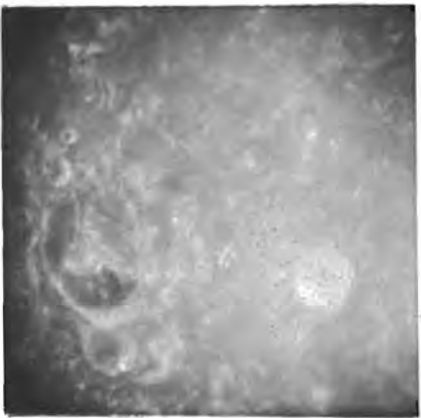
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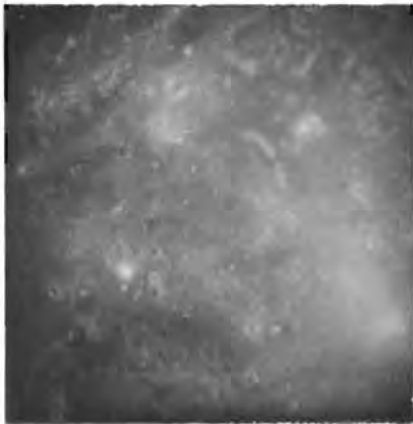
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AS12-54-8032



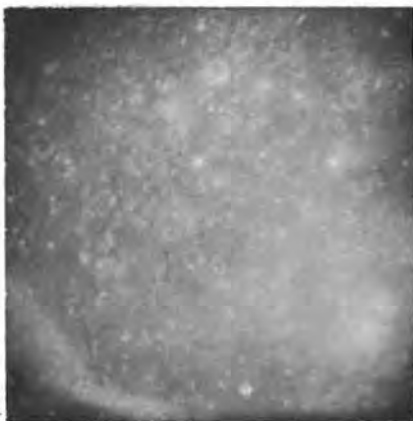
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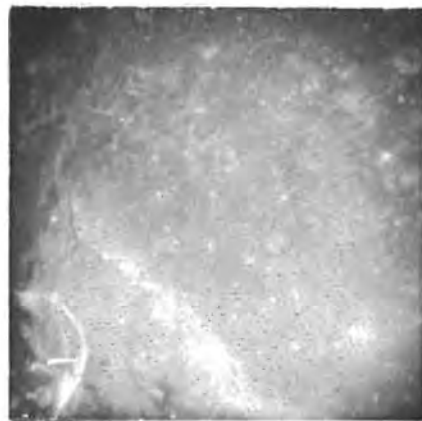
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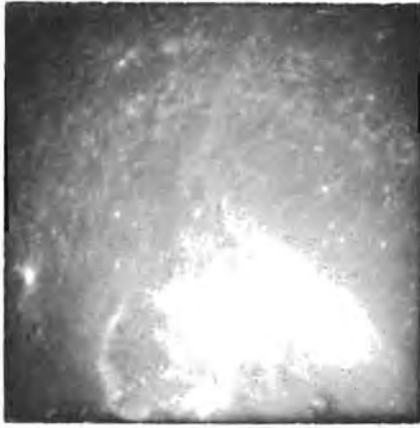
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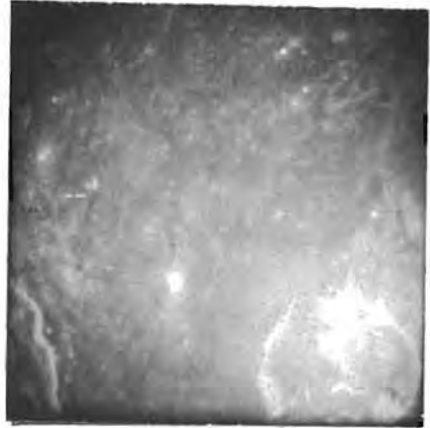
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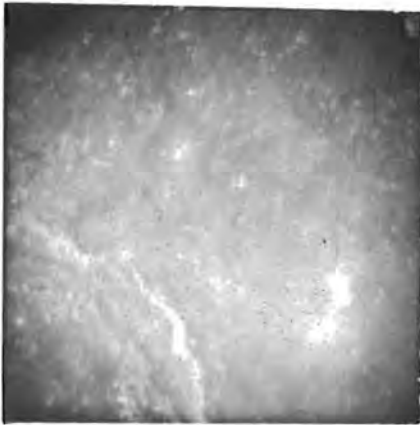
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AS12-54-8040



AS12-54-8041



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AS12-54-8043



AS12- 54-8044



AS12-54-8045



AS12-54-8046



AS12- 54-8047



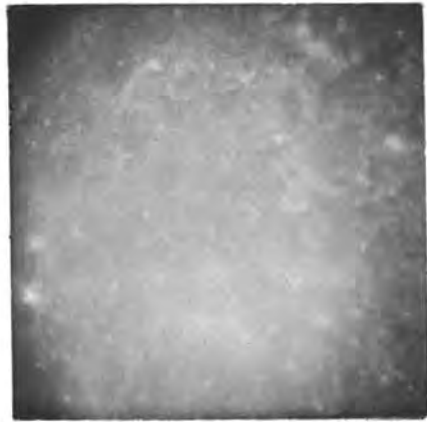
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AS12- 54-8049



AS12- 54-8050



AS12- 54-8051



AS12- 54-8052



AS12-54-8053



AS12- 54-8054



AS12- 54-8055



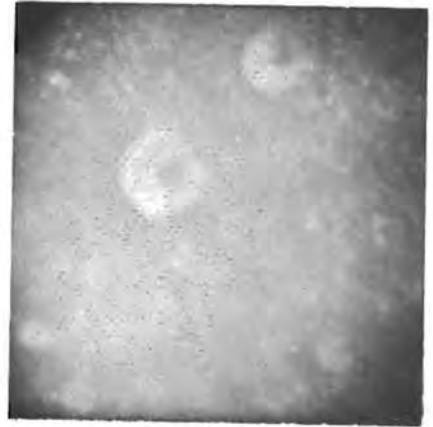
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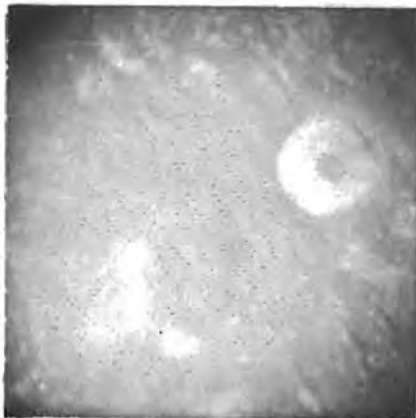
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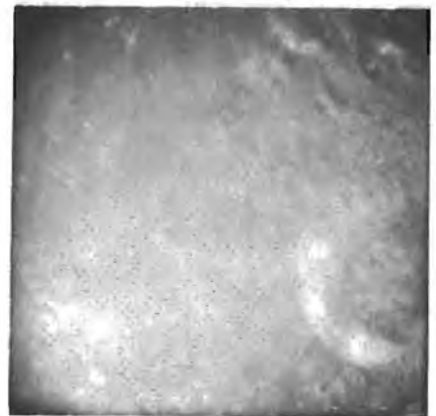
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AS12-54-8059



AS12-54-8060



AS12-54-8061



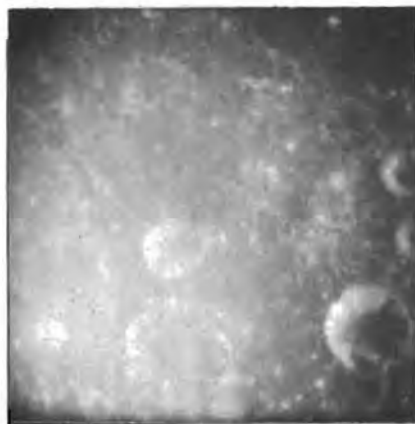
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AS12-54-8063



AS12-54-8064



AS12-54-8065



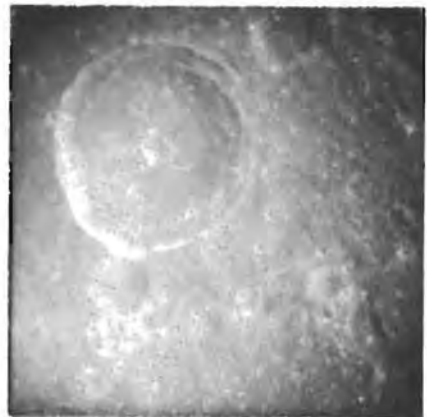
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AS12-54-8068



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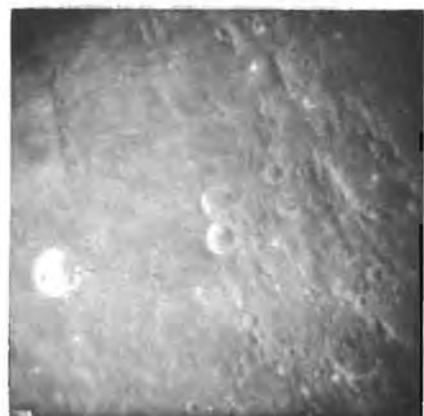
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AS12-54-8071



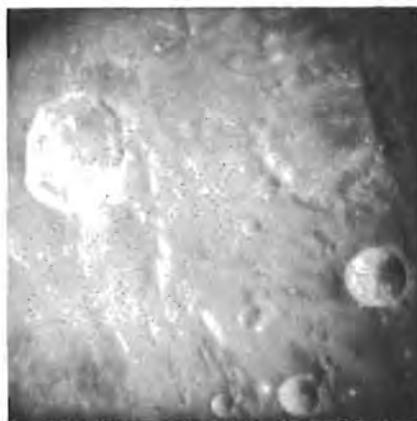
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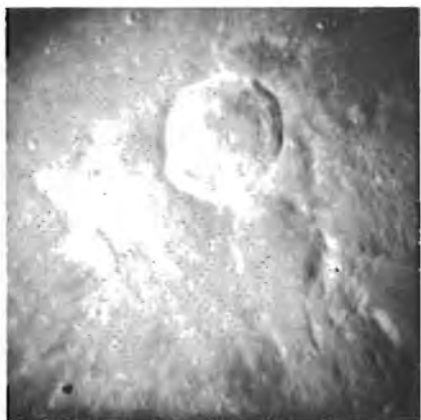
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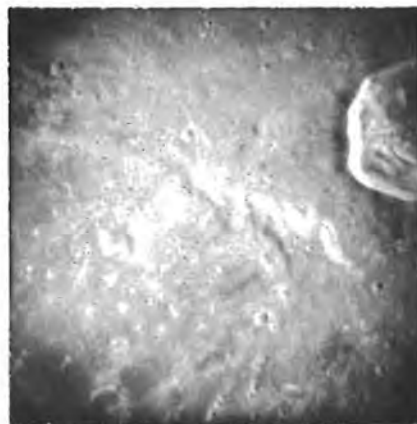
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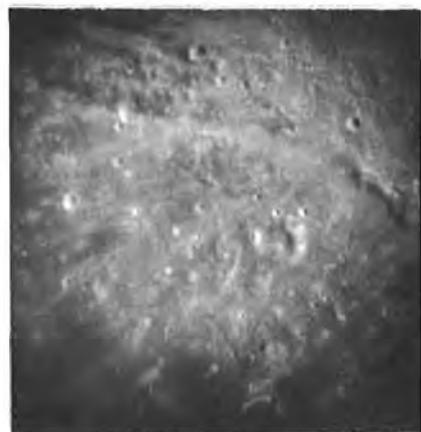
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AS12-54-8076



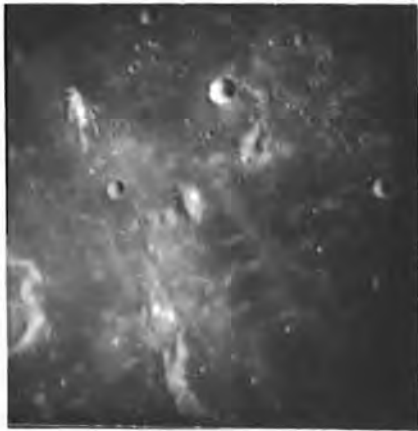
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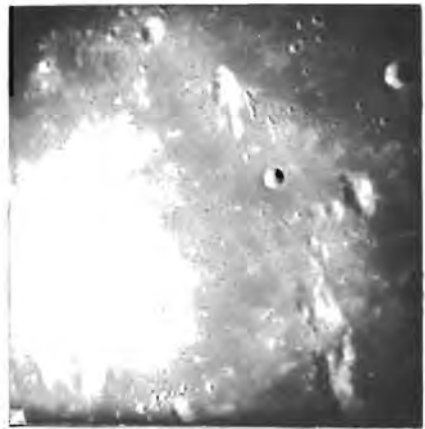
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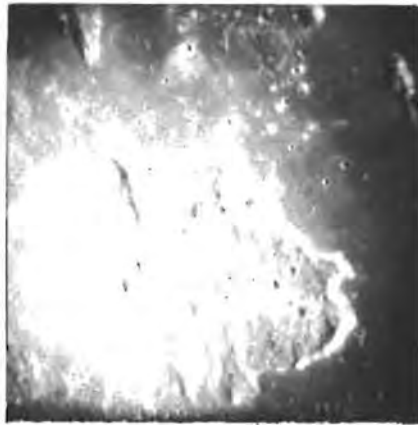
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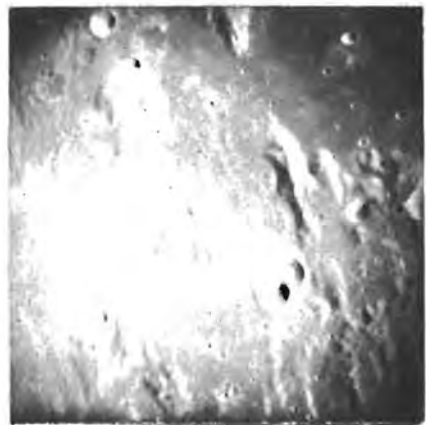
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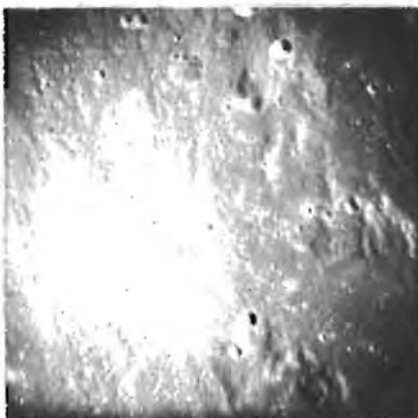
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AS12-54-8082



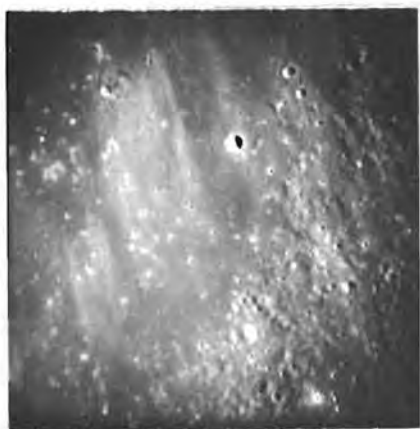
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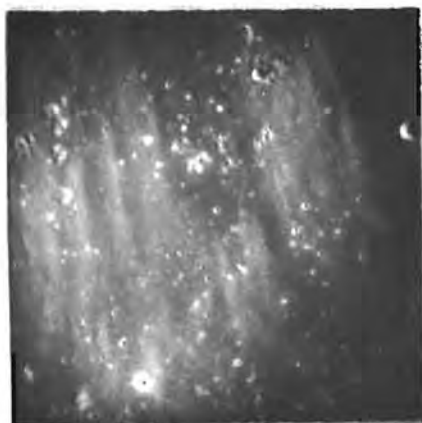
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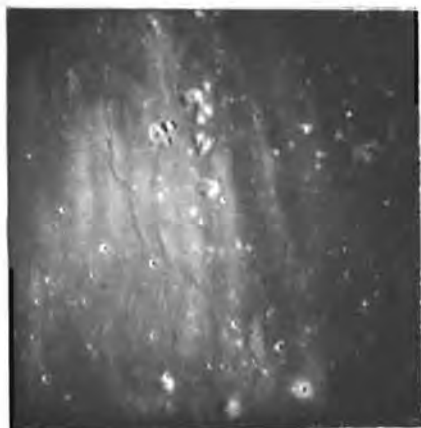
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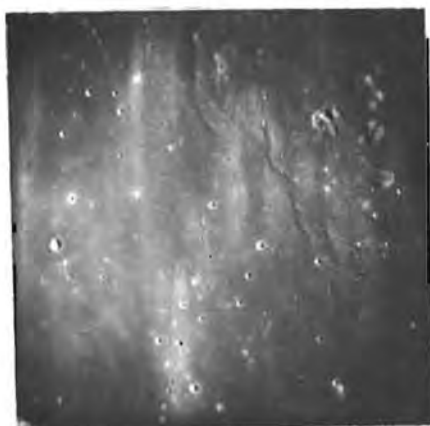
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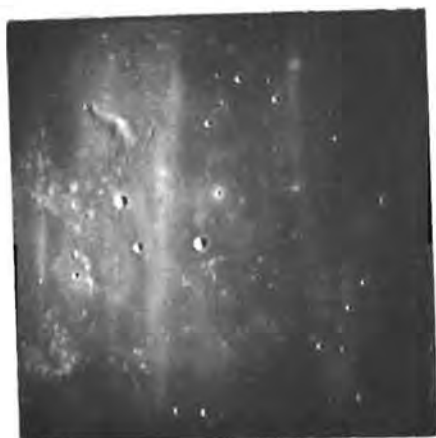
AS12- 54-8087



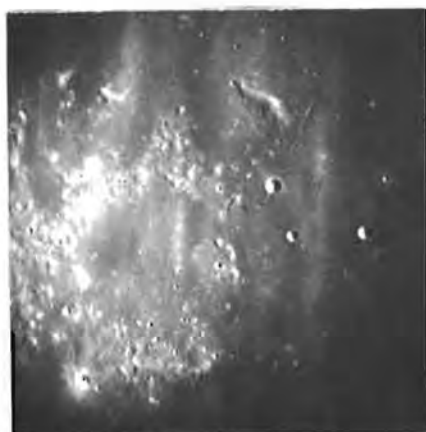
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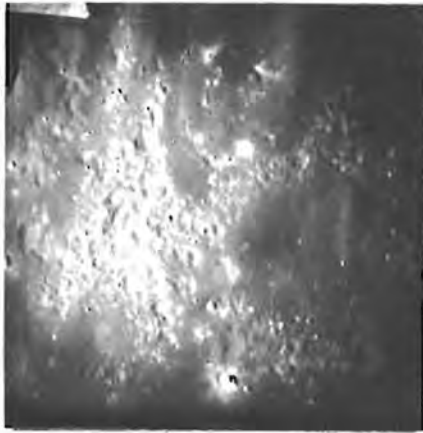
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AS12-54-8090



AS12- 54-8091



AS12- 54-8092



AS12- 54-8093



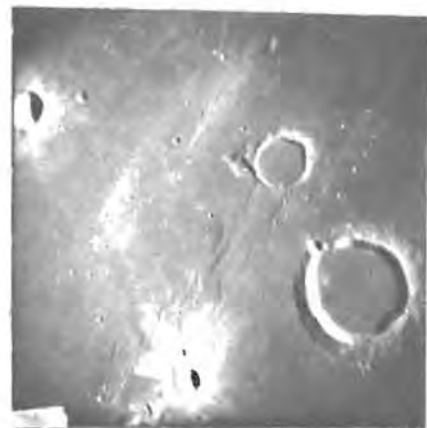
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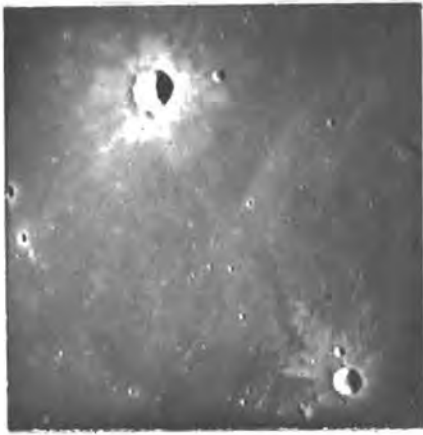
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AS12- 54-8096



AS12- 54-8097



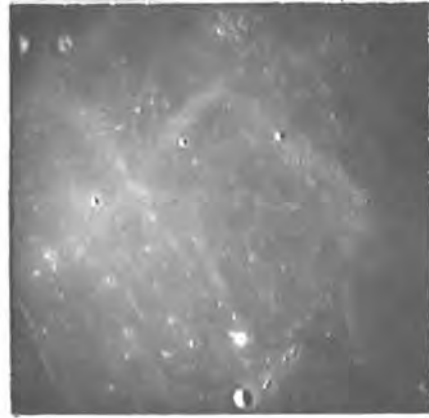
AS12- 54-8098



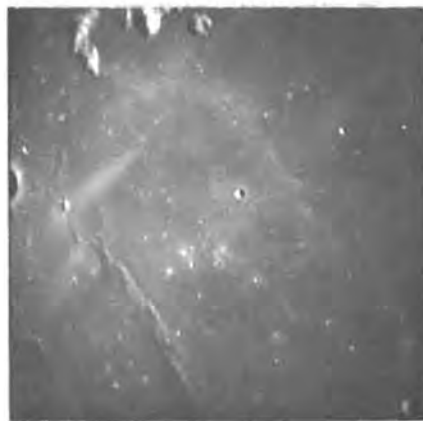
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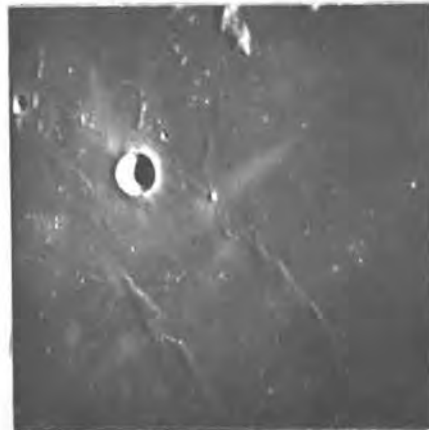
AS12- 54-8100



AS12- 54-8101



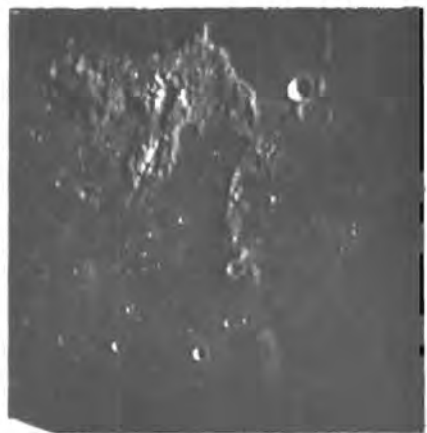
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AS12- 54-8103



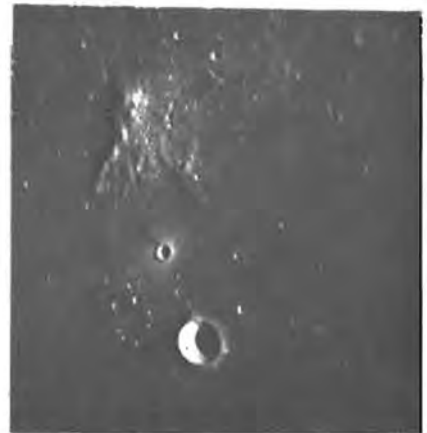
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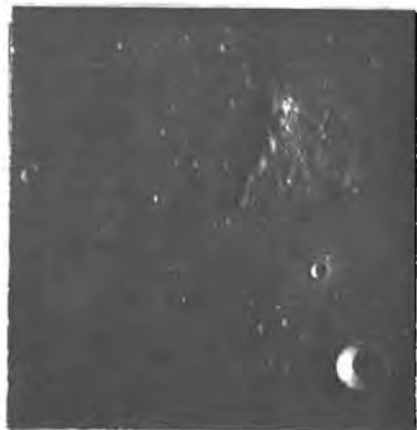
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AS12-54-8106



AS12-54-8107



AS12-54-8108



AS12-54-8109



AS12- 54-8110



AS12- 54-8111



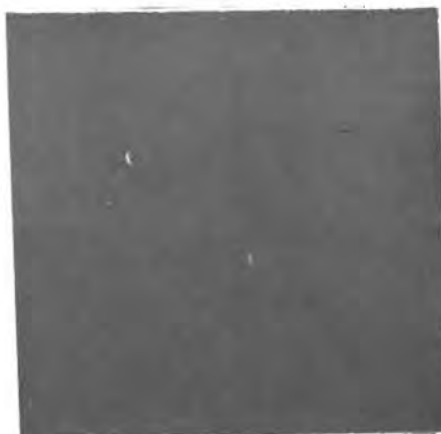
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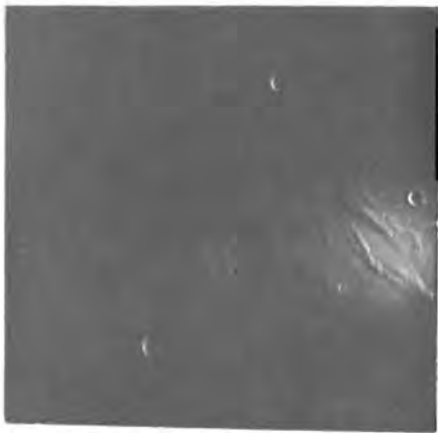
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AS12- 54-8114



AS12- 54-8115



AS12-54-8116



AS12-54-8117



AS12-54-8118



AS12-54-8119

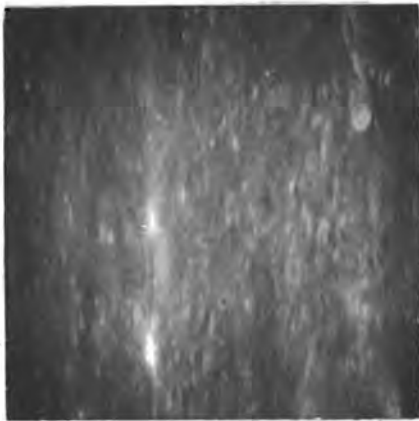


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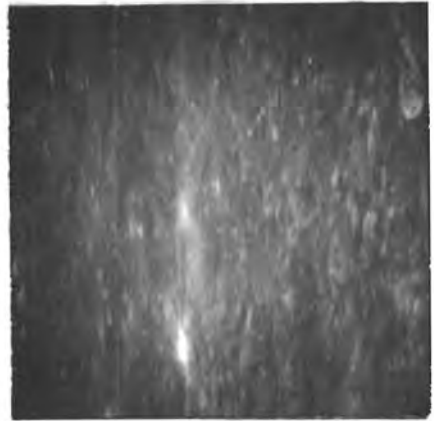
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AS12-53-7763 thru AS12-53-7947



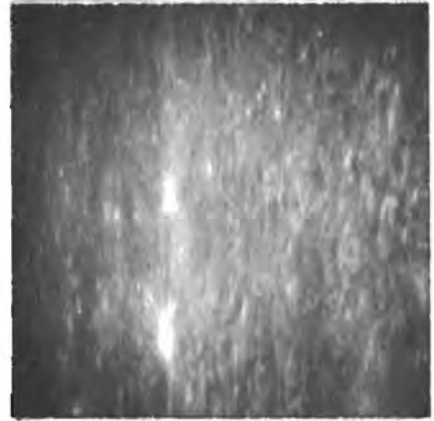
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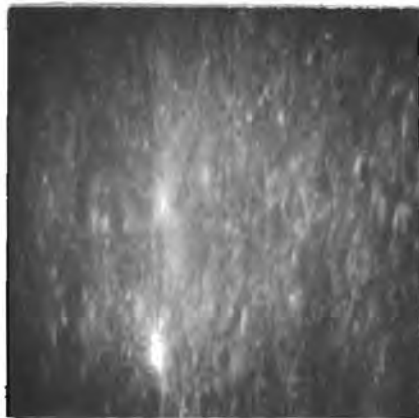
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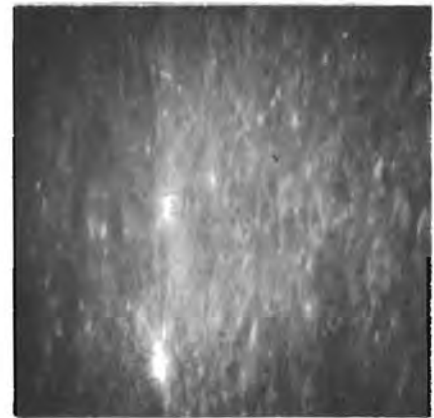
AS12- 53-7765



AS12- 53-7766



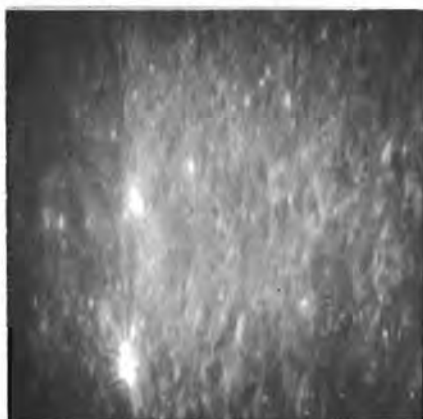
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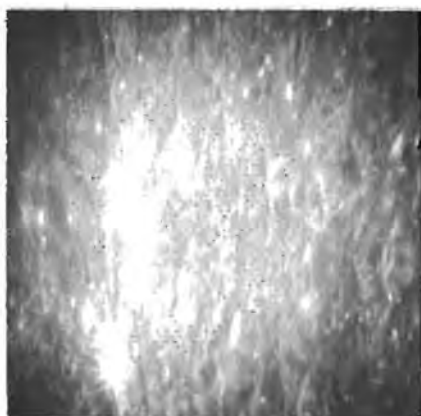
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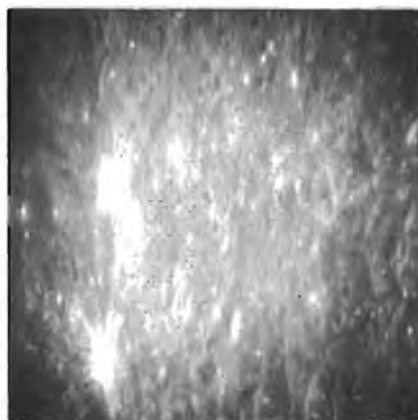
AS12- 53-7769



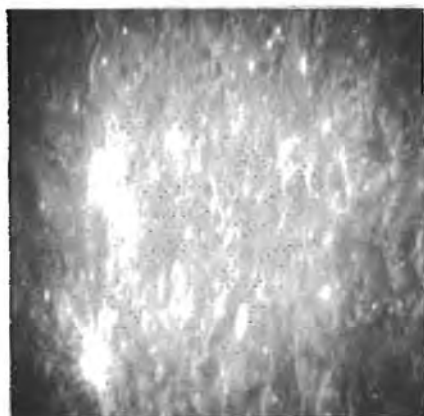
AS12- 53-7770



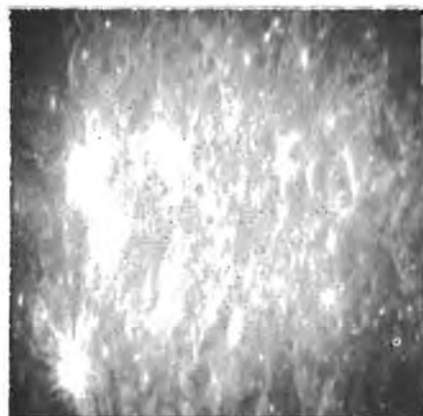
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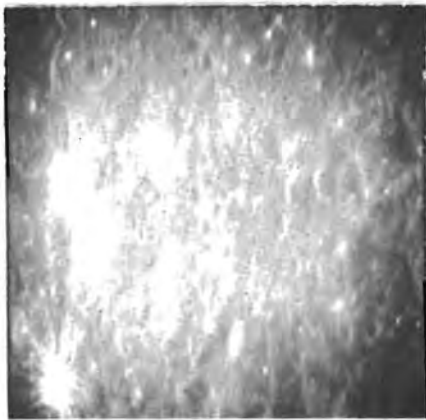
AS12- 53-7772



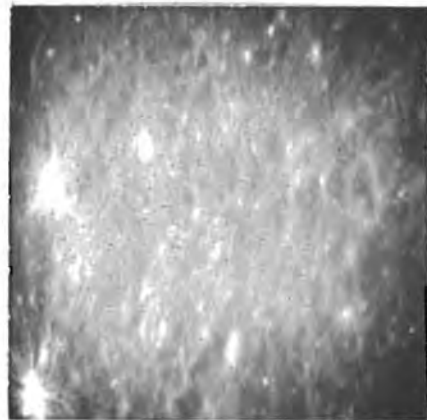
AS12- 53-7773



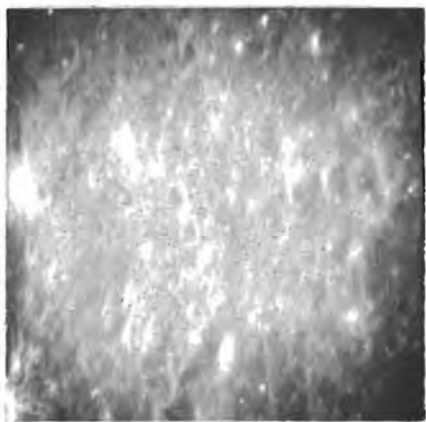
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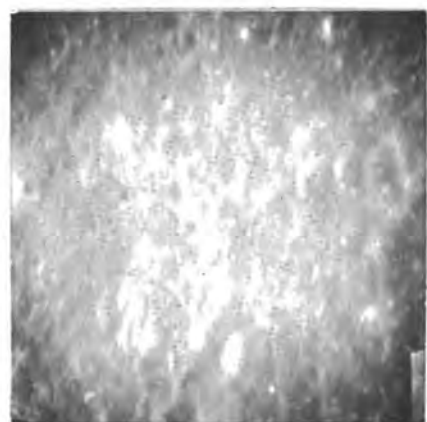
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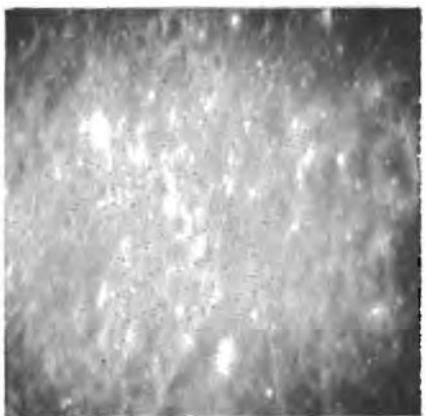
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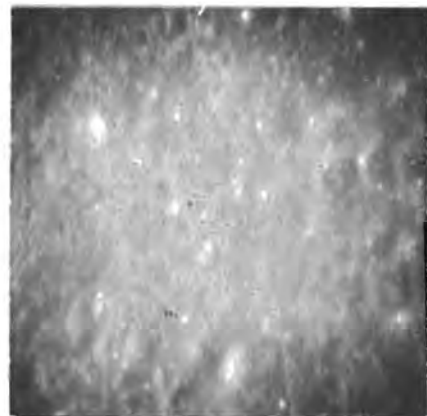
AS12-53-7777



AS12-53-7778



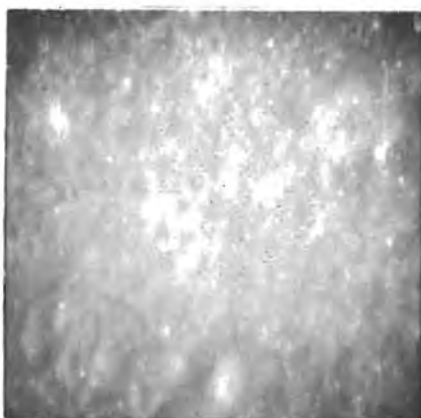
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AS12-53-7780



AS12-53-7781



AS12-53-7782



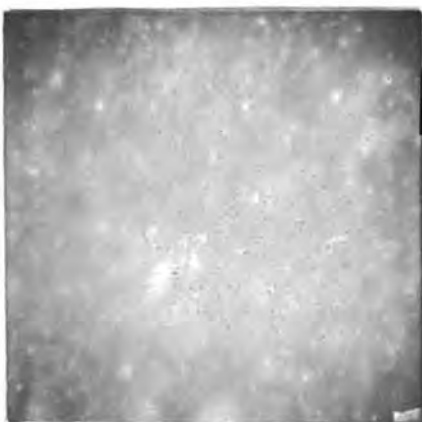
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AS12-53-7784



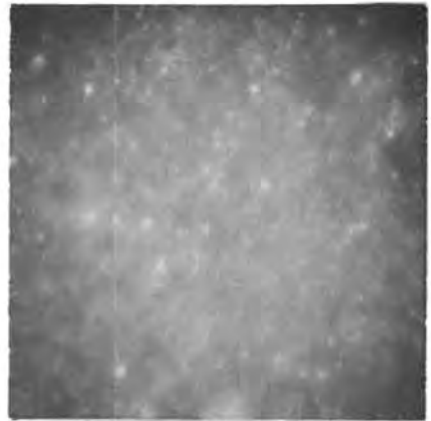
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AS12-53-7786



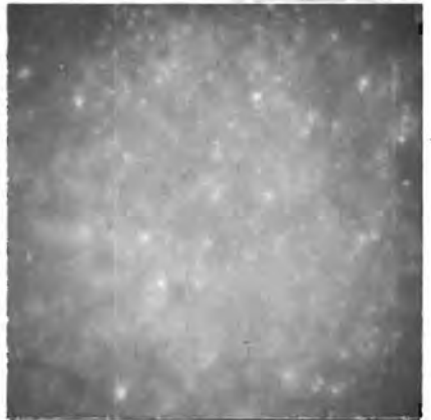
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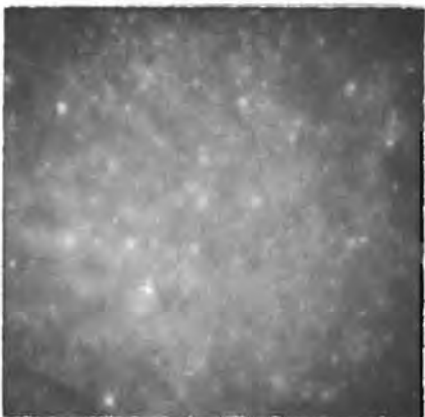
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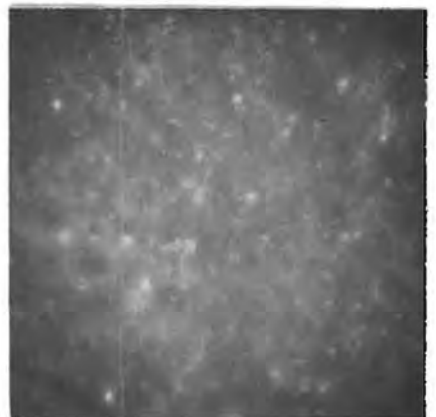
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AS12-53-7790



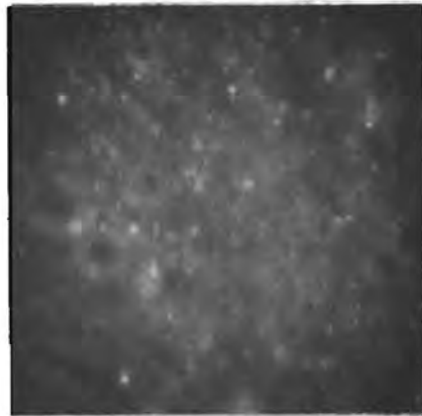
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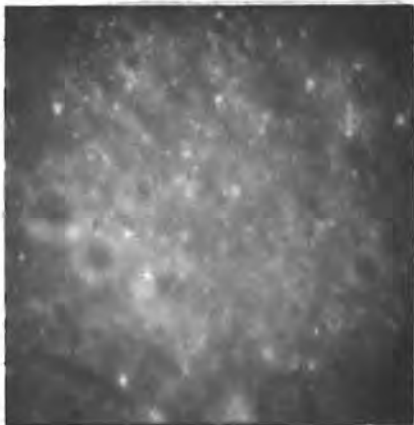
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AS12-53-7793



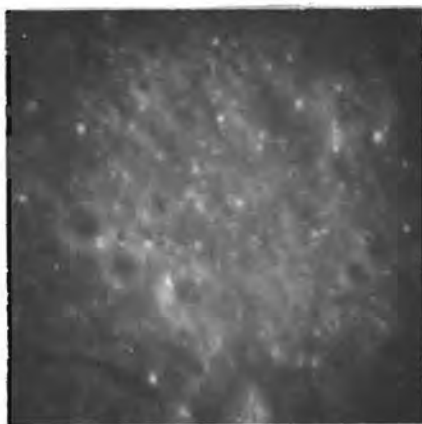
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AS12-53-7795



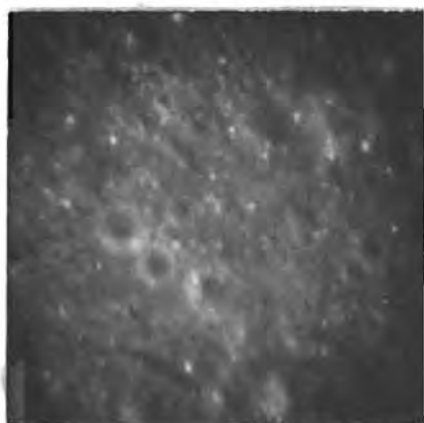
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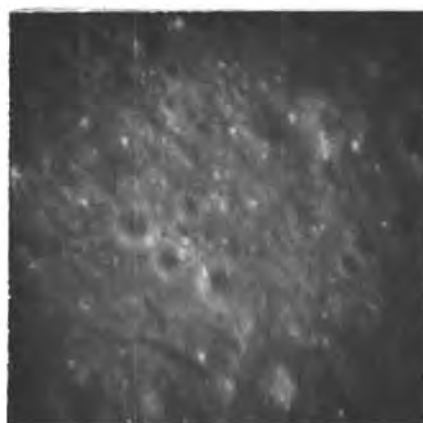
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AS12-53-7798



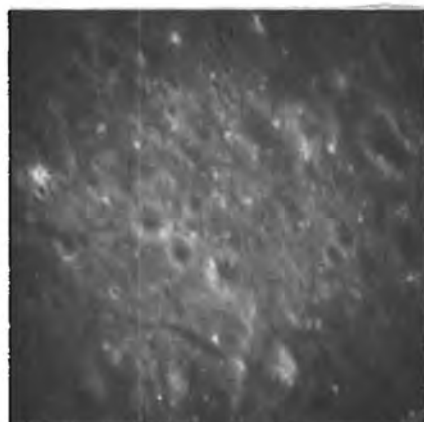
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AS12- 53-7800



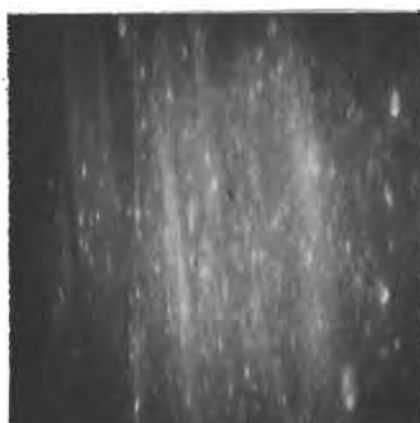
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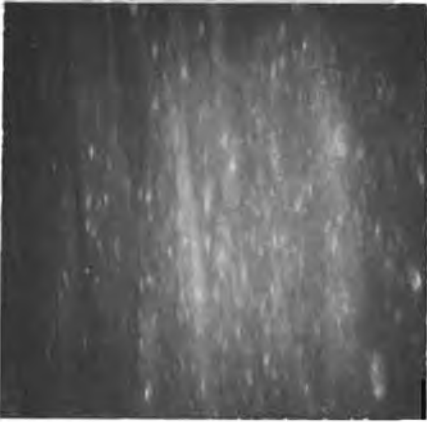
AS12- 53-7802



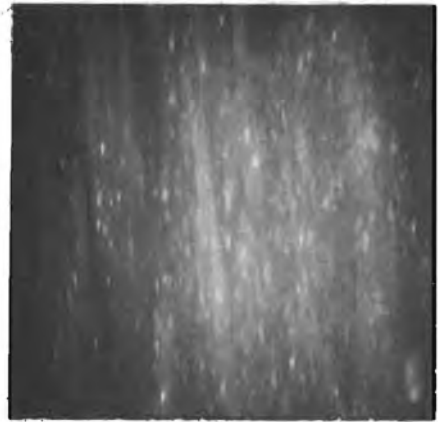
AS12- 53-7803



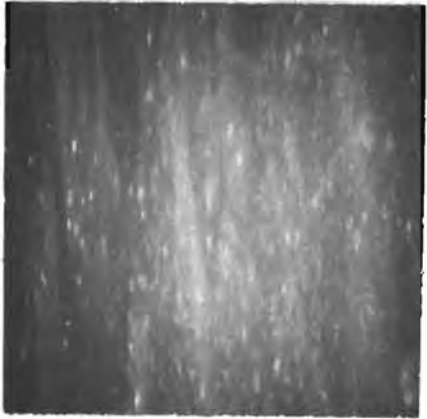
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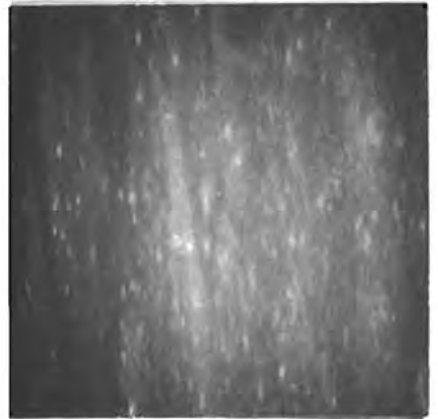
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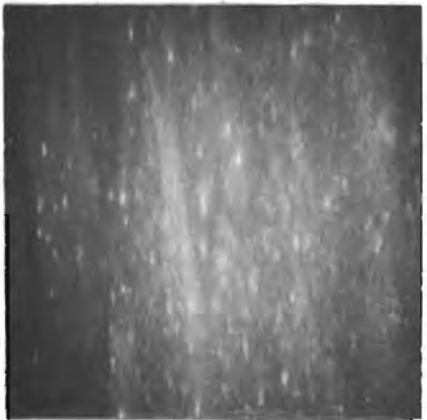
AS12-53-7806



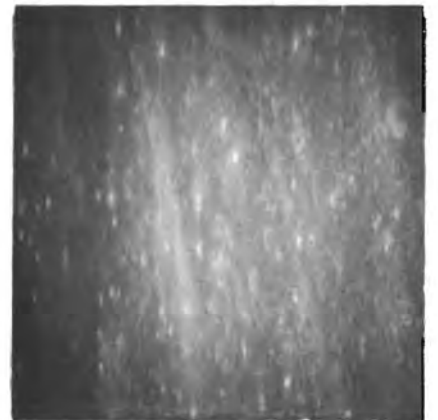
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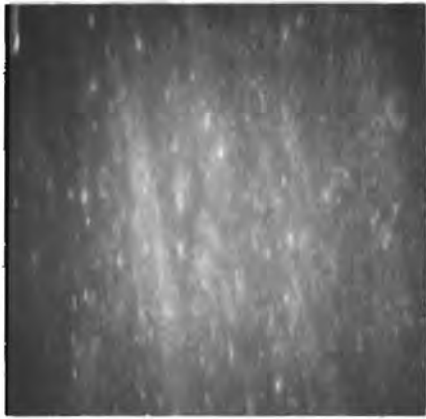
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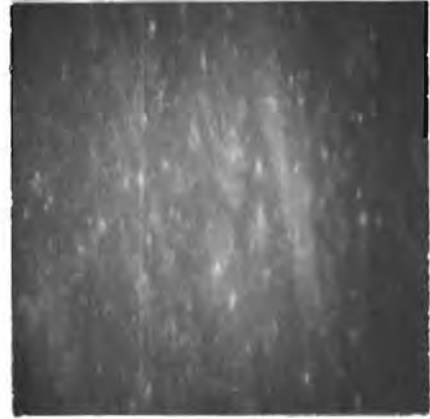
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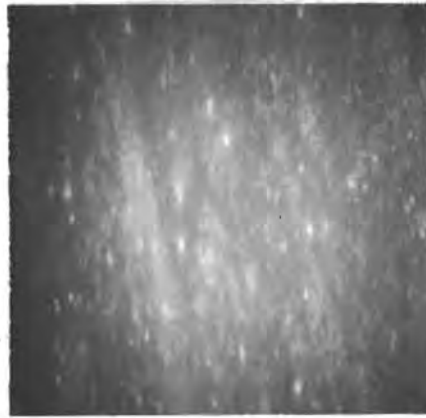
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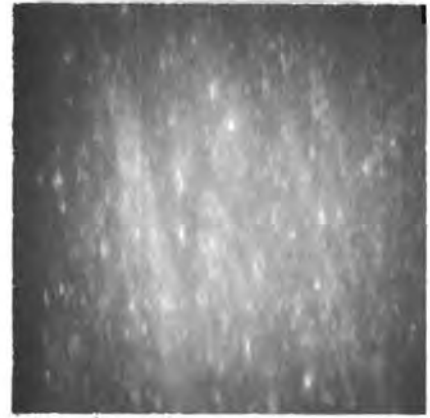
AS12- 53-7811



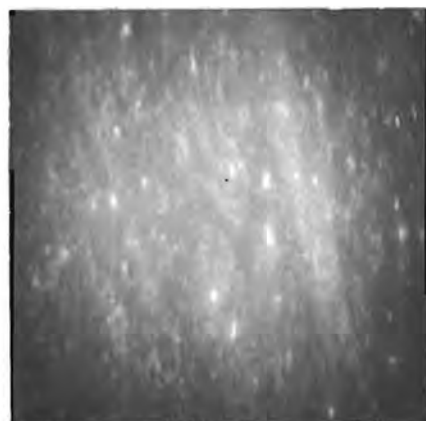
AS12- 53-7812



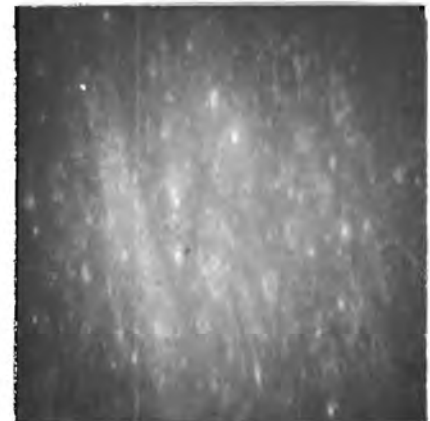
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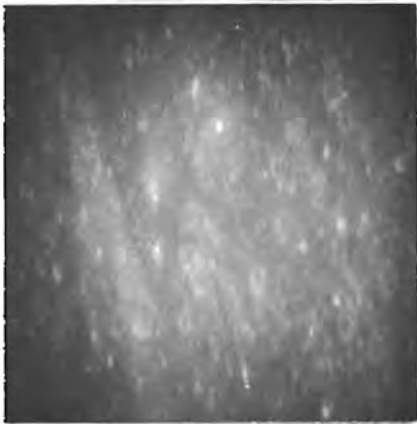
AS12- 53-7814



AS12- 53-7815



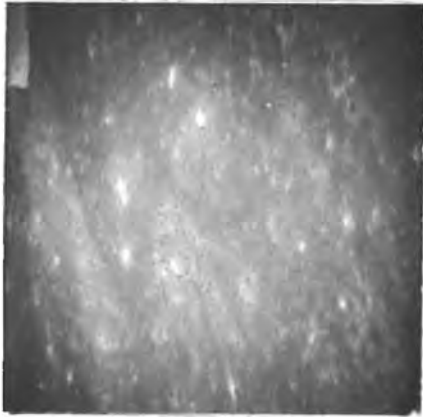
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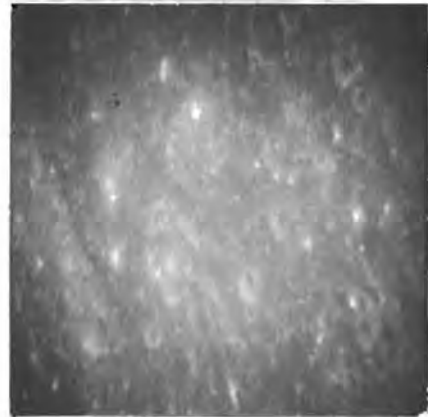
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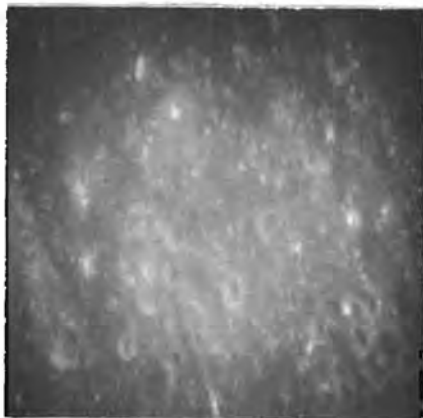
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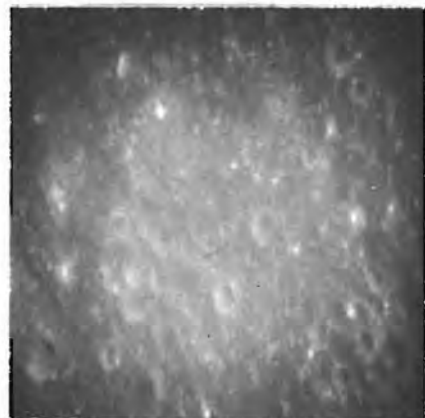
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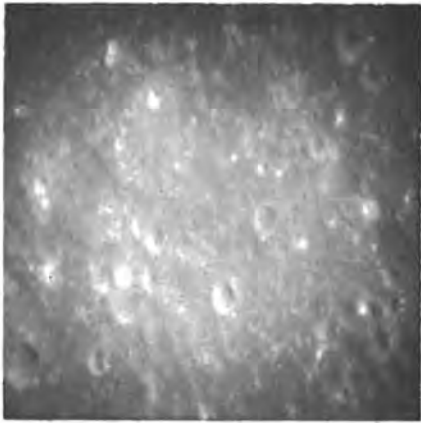
AS12- 53-7820



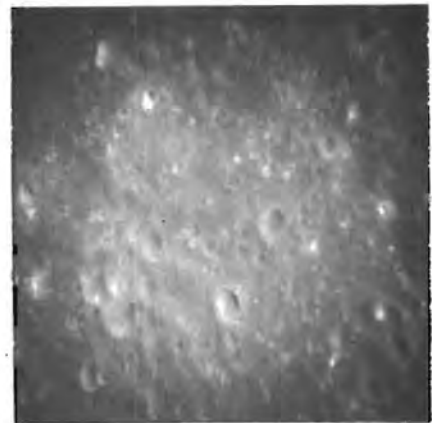
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AS12- 53-7822



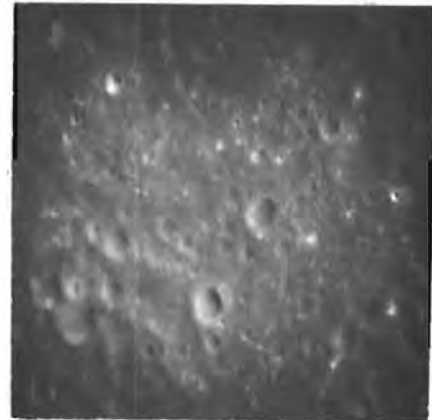
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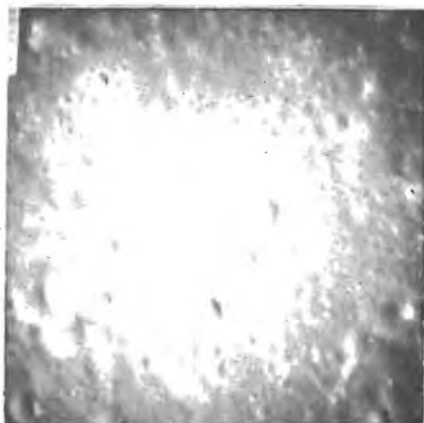
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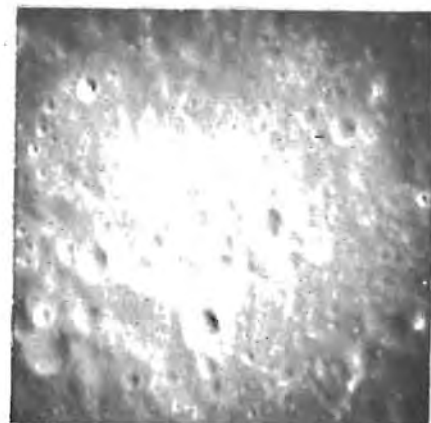
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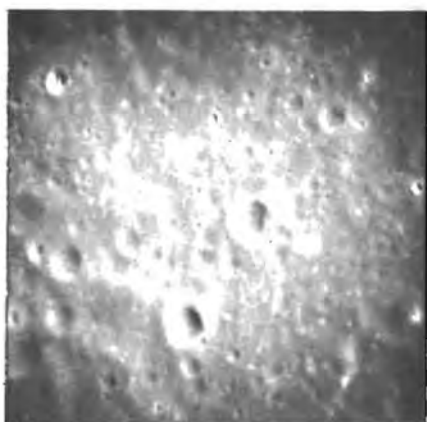
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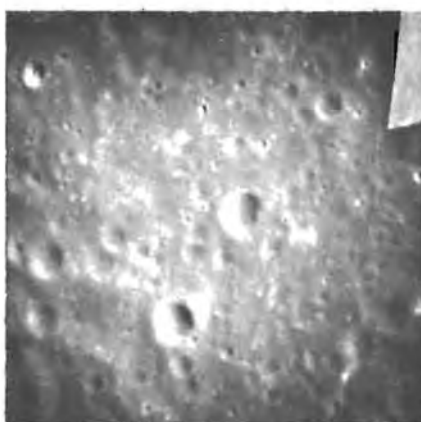
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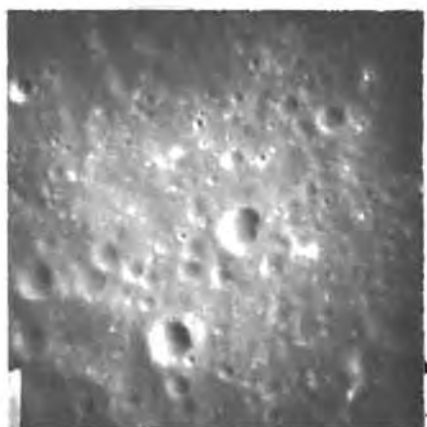
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AS12-53-7829



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AS12-53-7831



AS12-53-7832



AS12-53-7833



AS12-53-7834



AS12- 53-7835



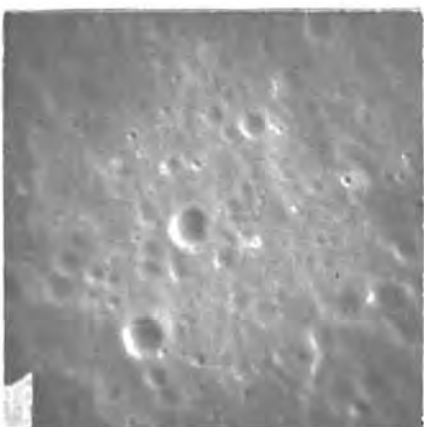
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AS12- 53-7837



AS12- 53-7838



AS12- 53-7839



AS12- 53-7840



AS12- 53-7841



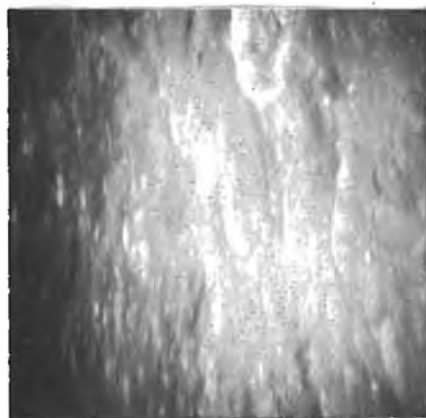
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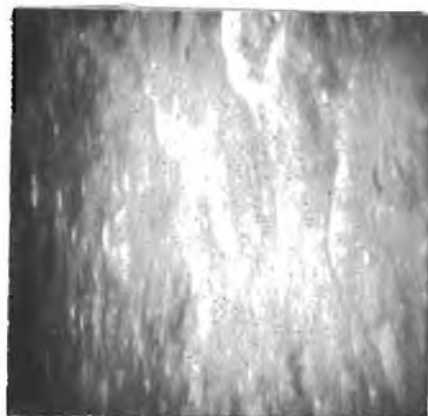
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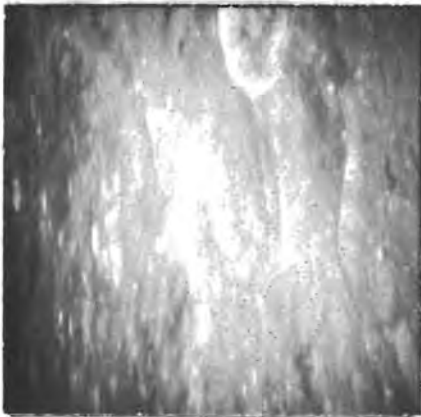
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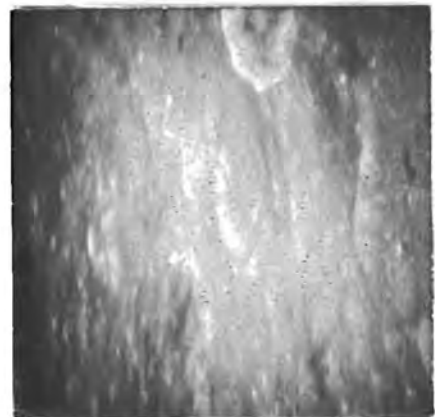
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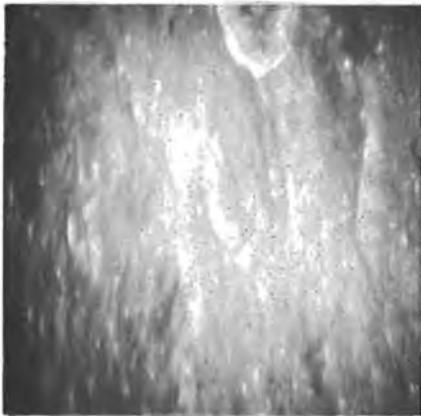
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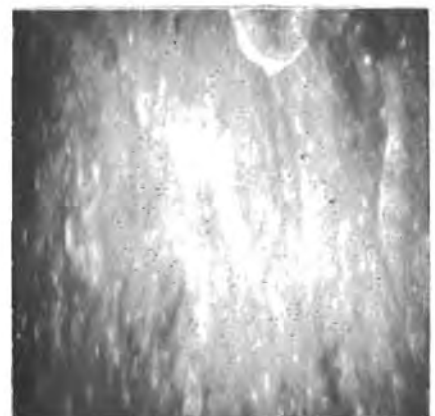
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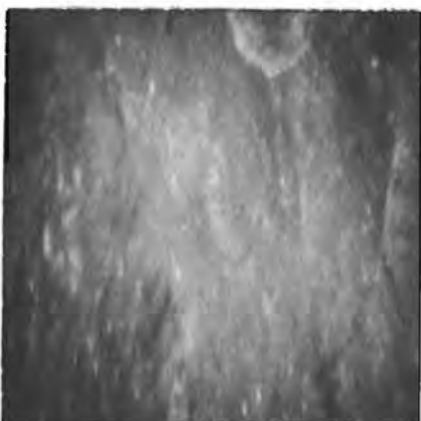
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AS12- 53-7849



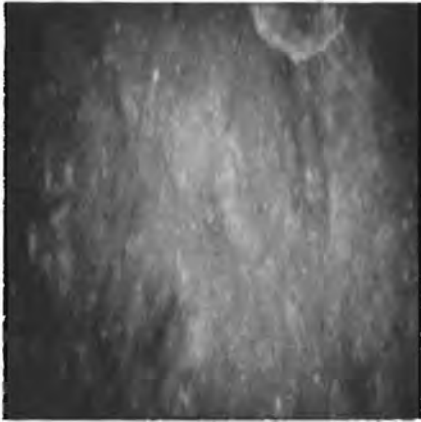
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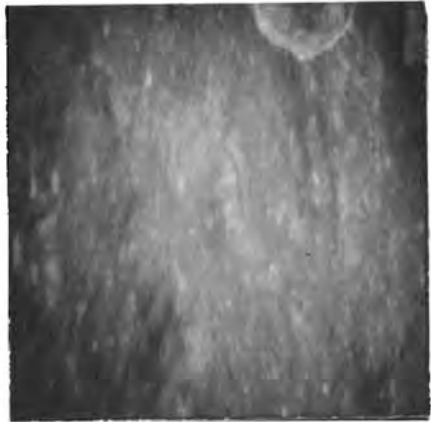
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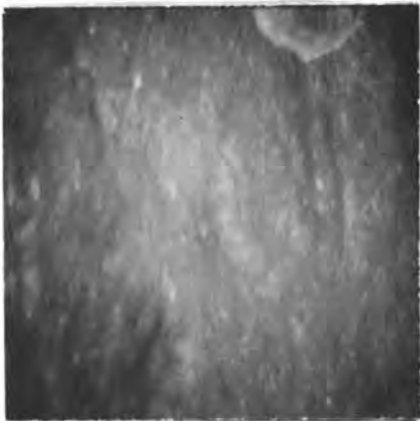
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AS12-53-7853



AS12-53-7854



AS12-53-7855



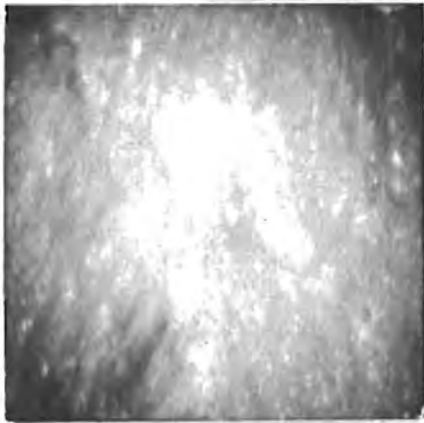
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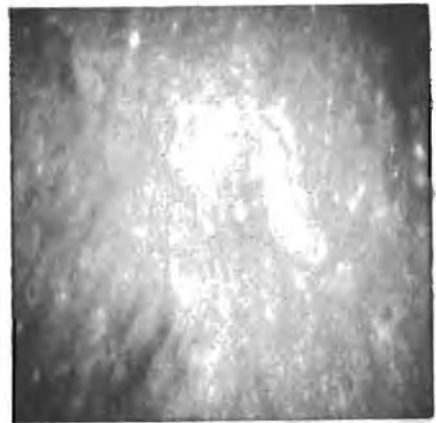
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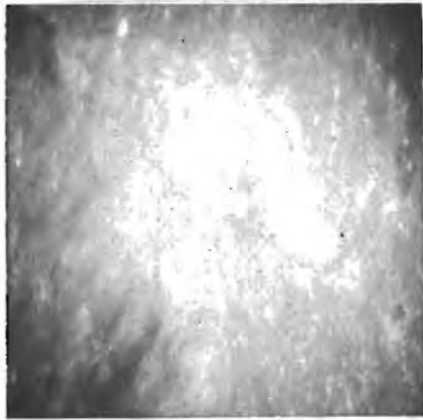
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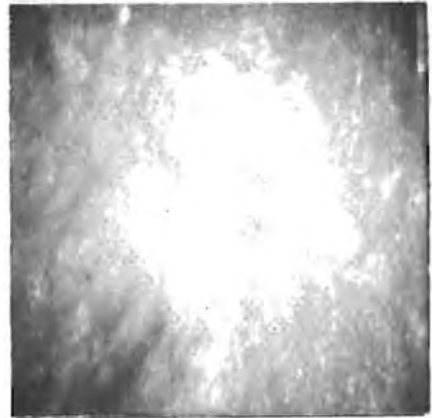
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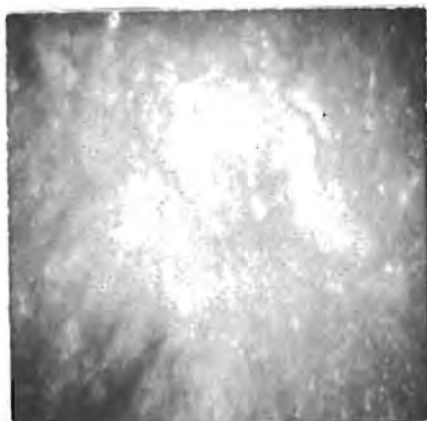
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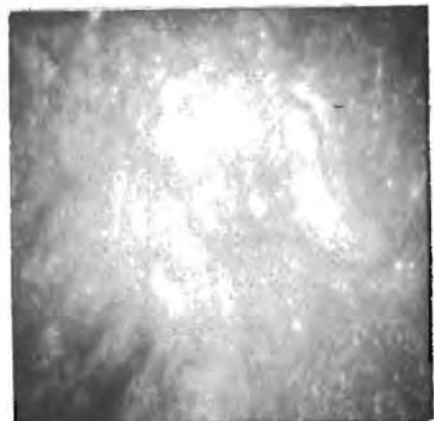
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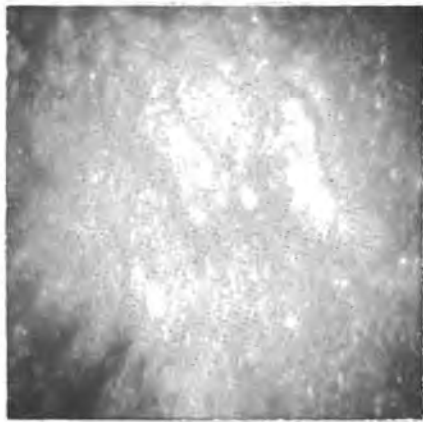
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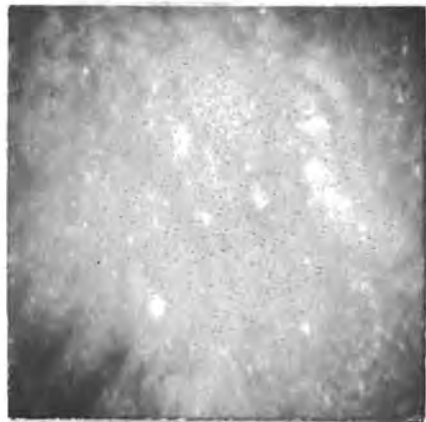
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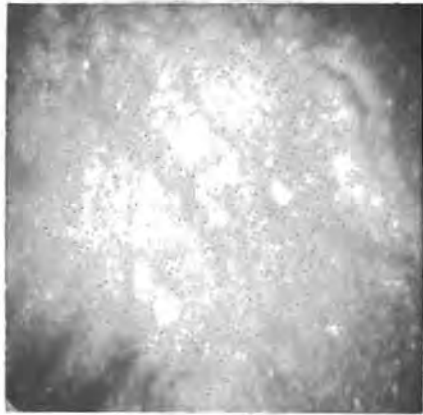
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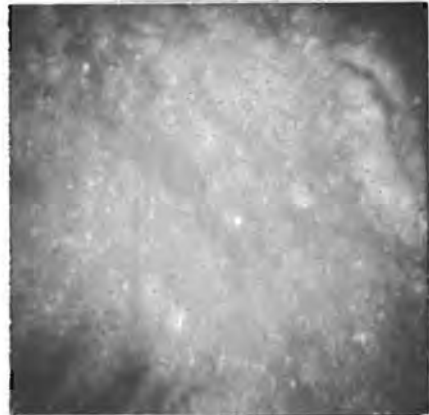
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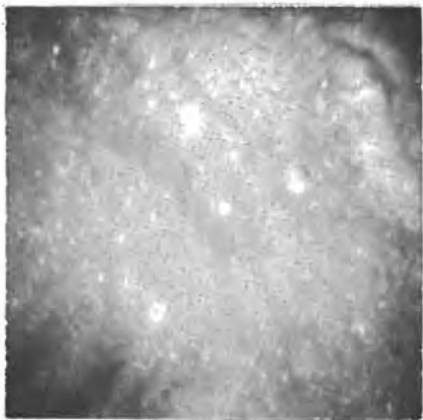
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AS12-53-7867



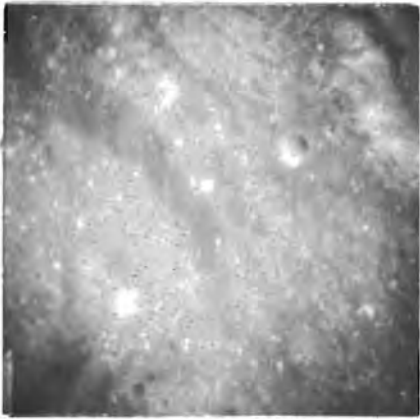
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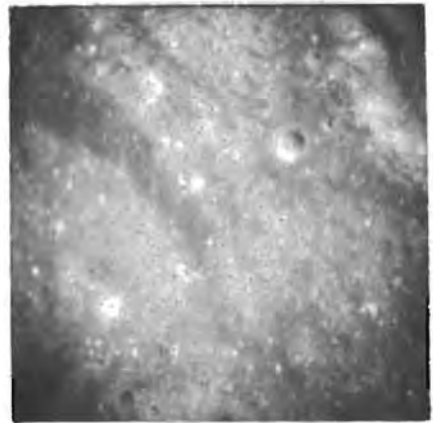
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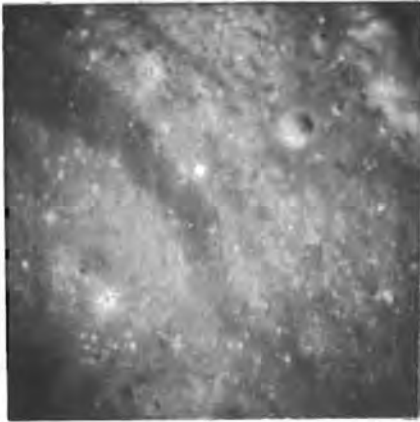
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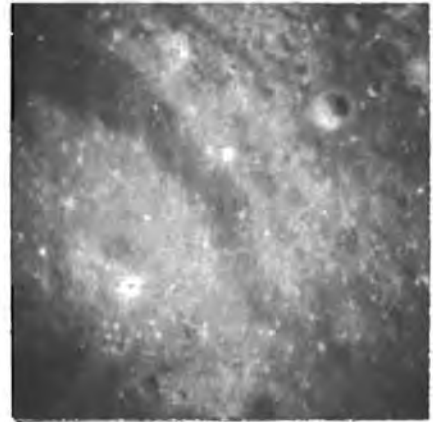
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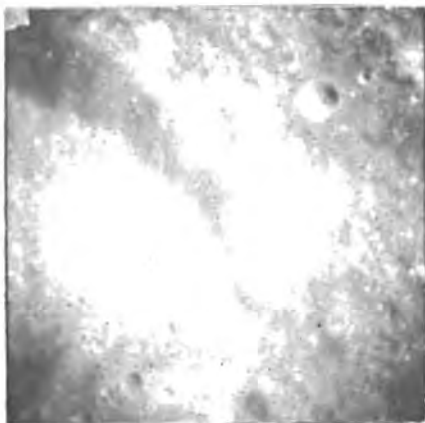
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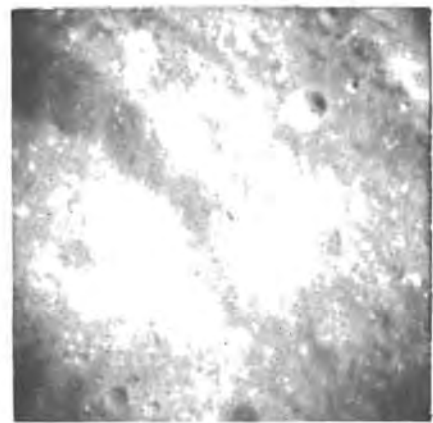
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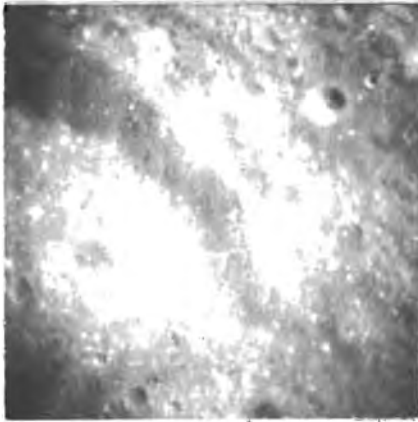
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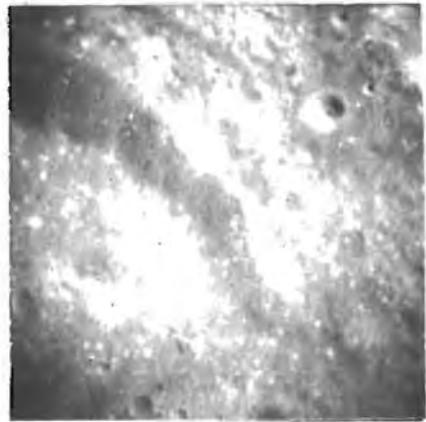
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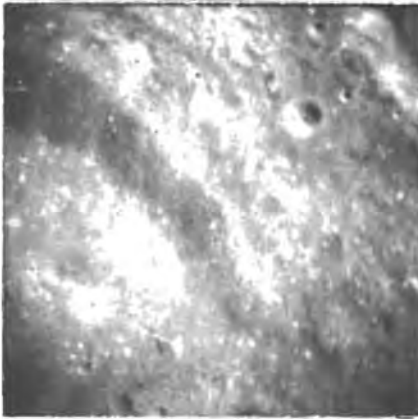
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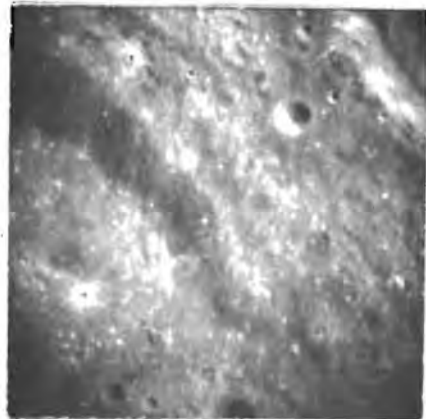
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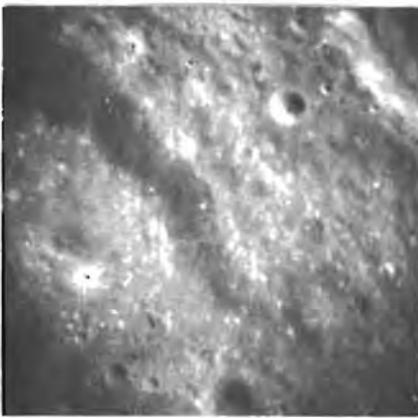
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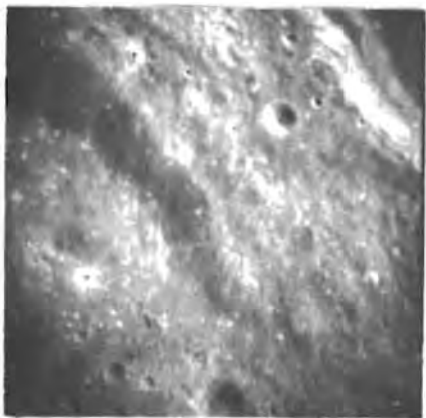
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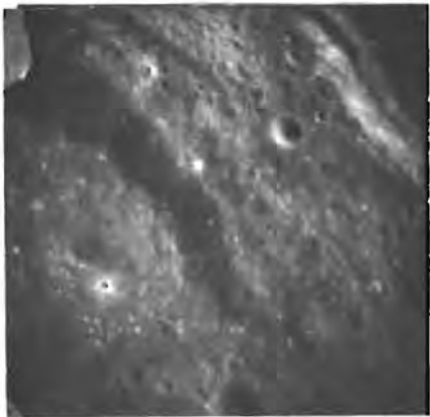
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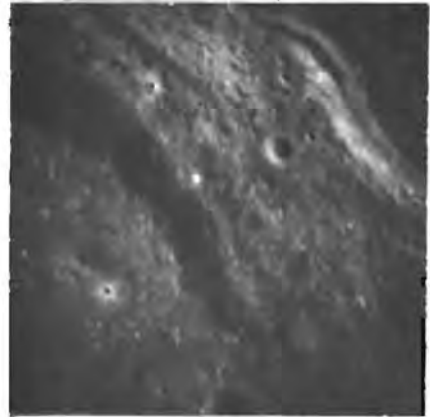
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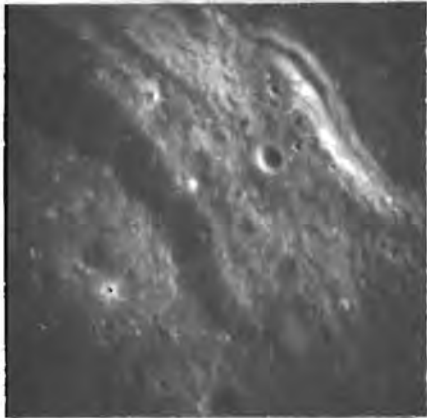
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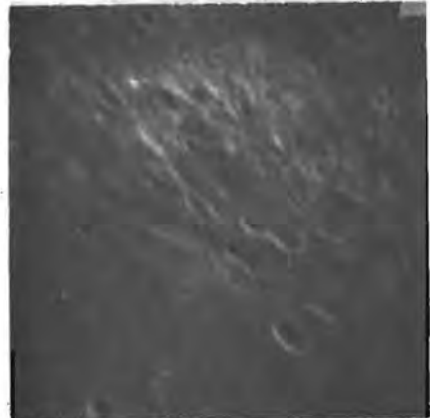
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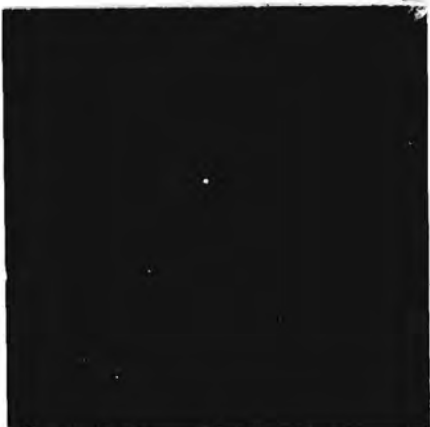
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AS12-53-7885



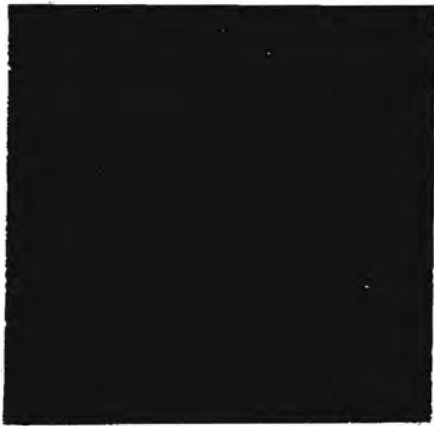
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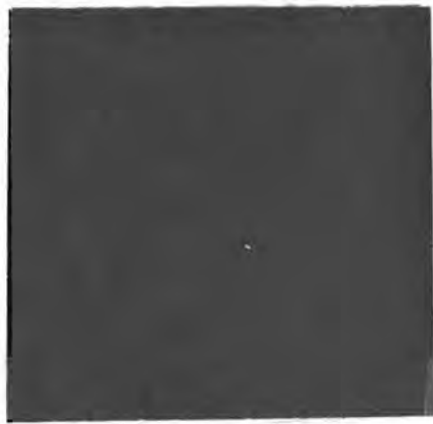
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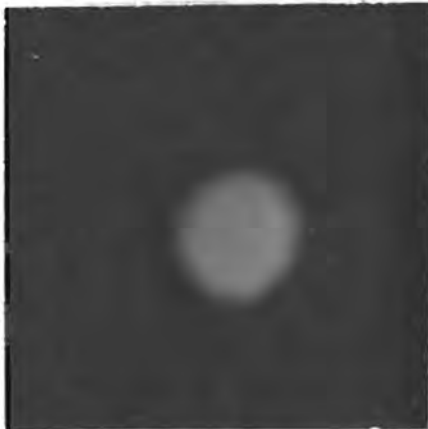
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AS12-53-7889



AS12-53-7890



AS12-53-7891



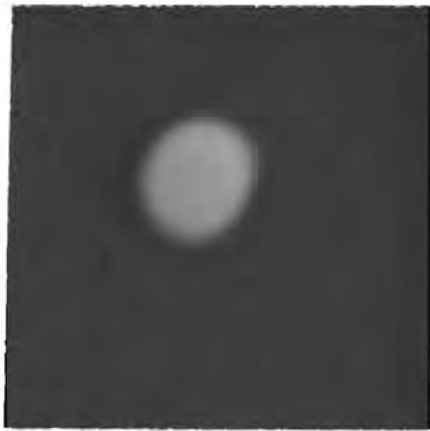
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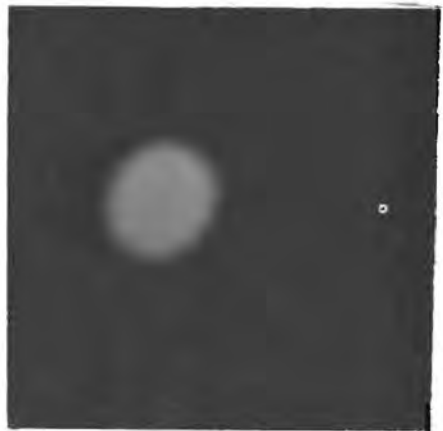
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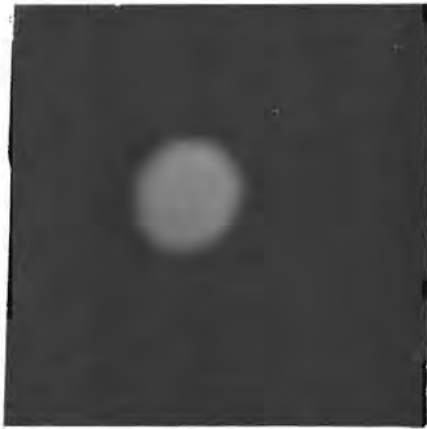
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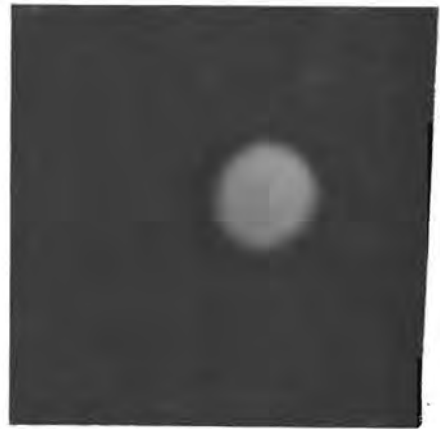
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AS12-53-7897



AS12-53-7898



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AS12-53-7902



AS12-53-7903



AS12-53-7904



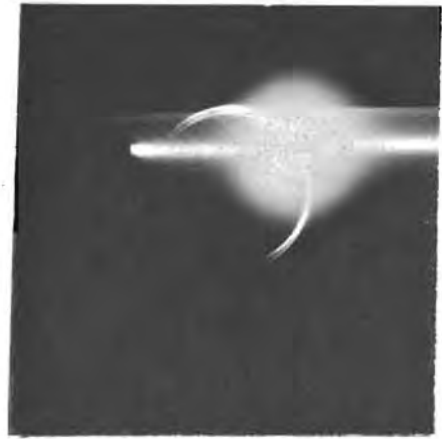
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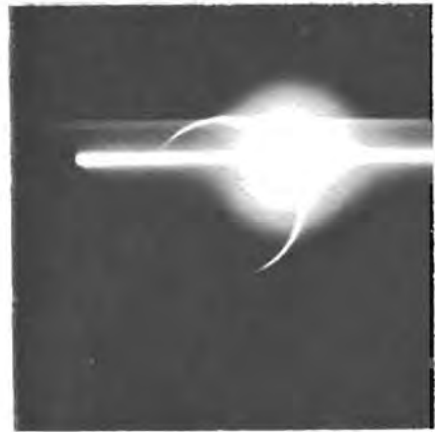
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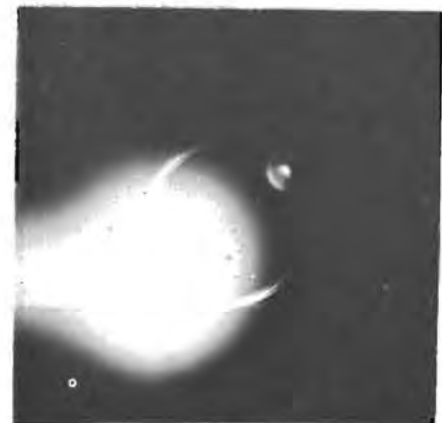
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AS12-53-7910



AS12-53-7911



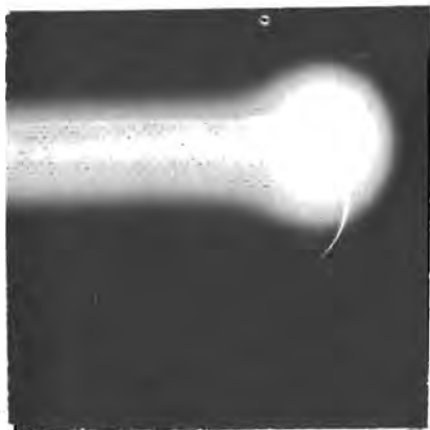
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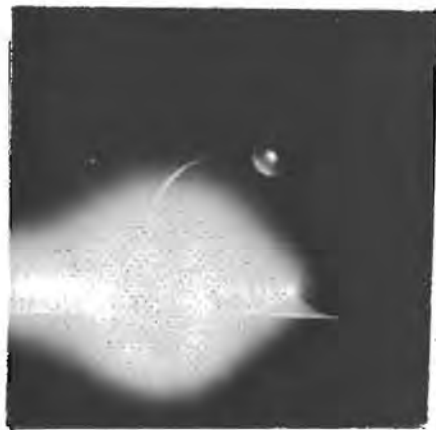
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AS12- 53-7914



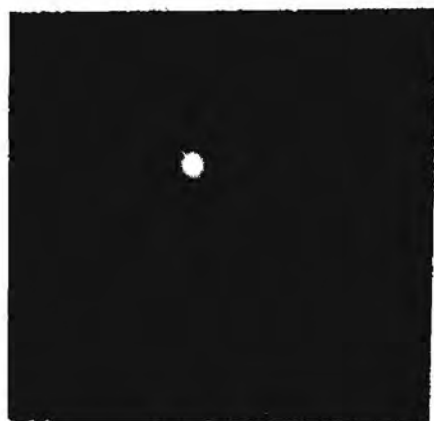
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AS12- 53-7917



AS12- 53-7918



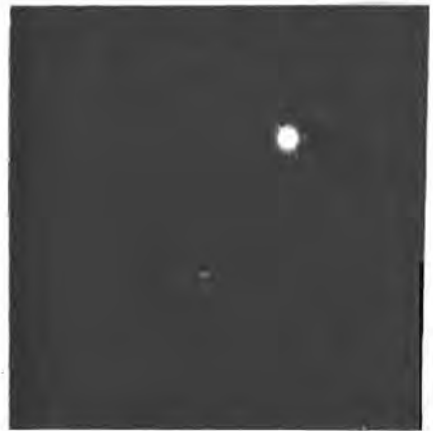
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AS12- 53-7920



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AS12- 53-7922



AS12- 53-7923



AS12- 53-7924



AS12-53-7925



AS12-53-7926



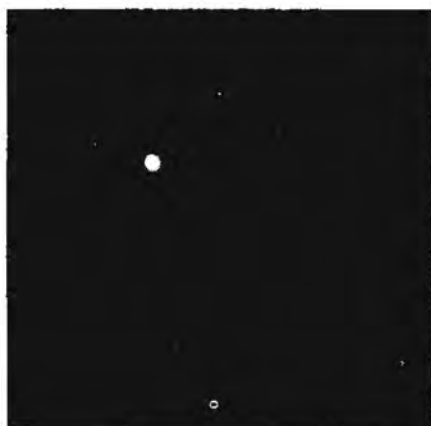
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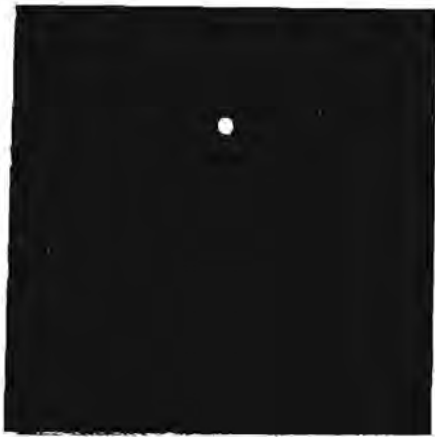
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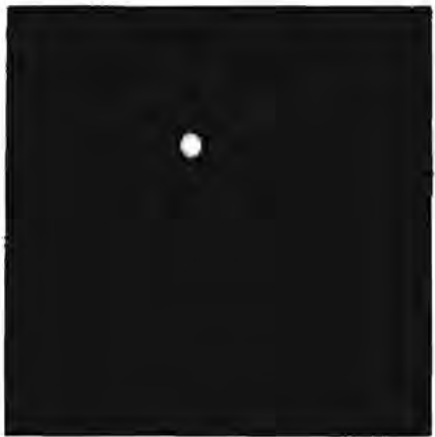
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AS12- 53-7931



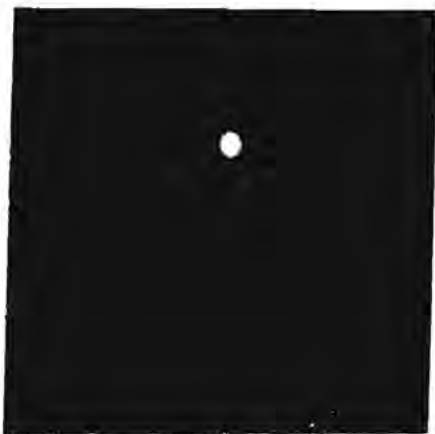
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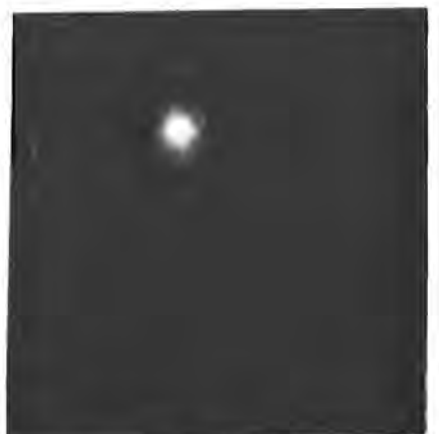
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AS12- 53-7936



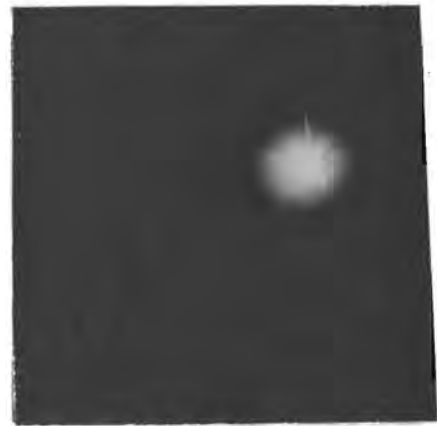
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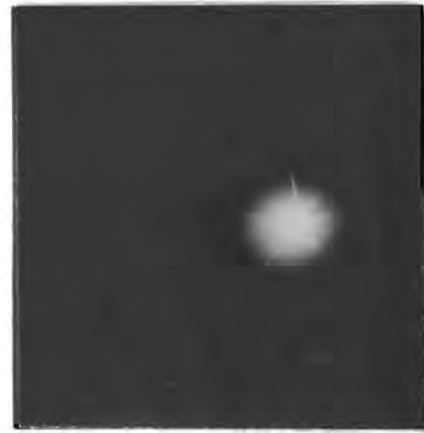
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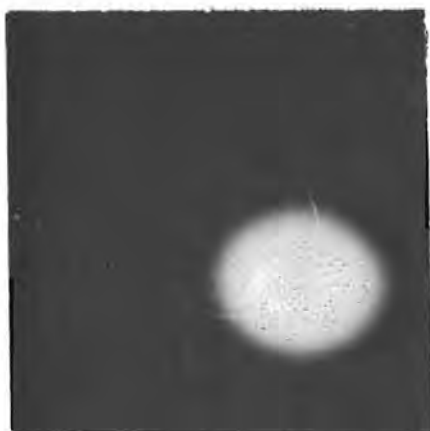
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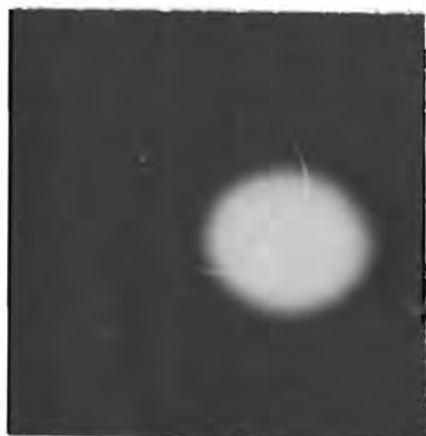
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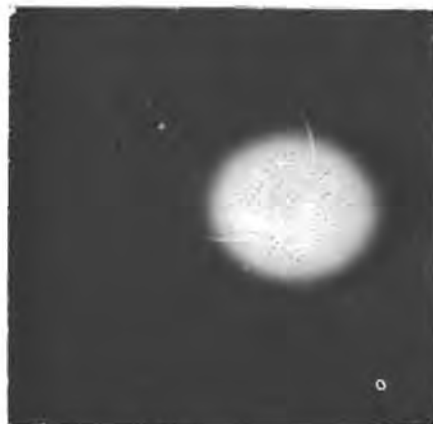
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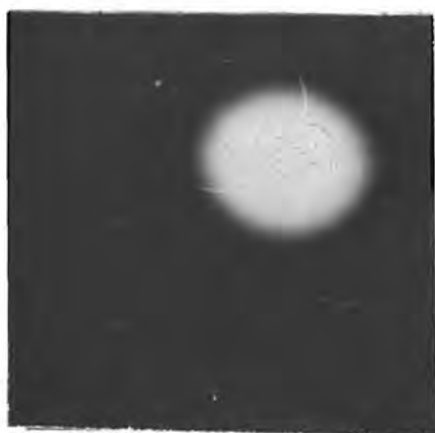
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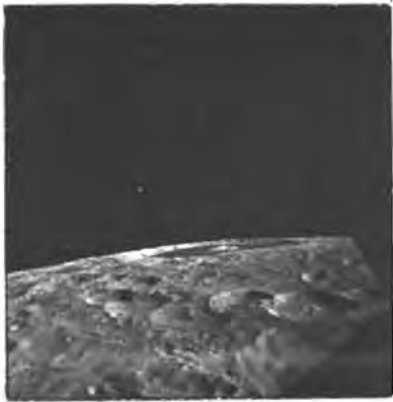


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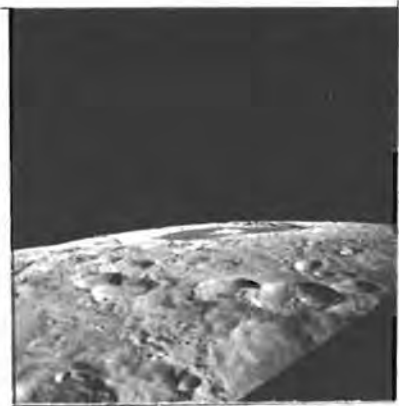
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AS12-47-6869 thru AS12-47-7021



AS12-47-6869



AS12-47-6870



AS12-47-6871



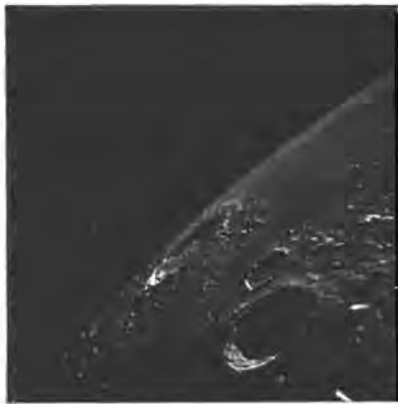
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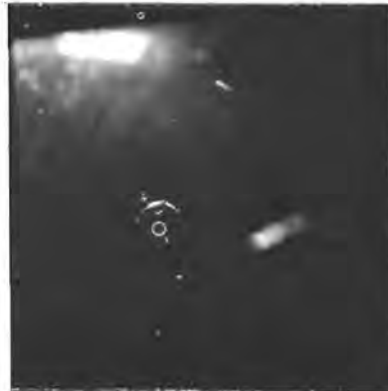
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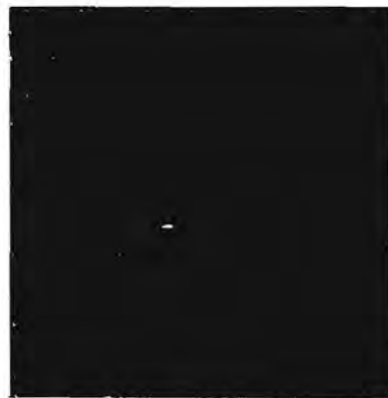
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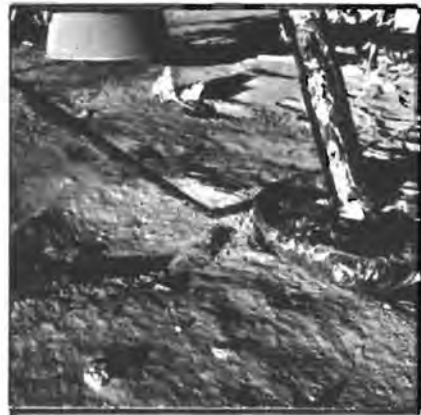
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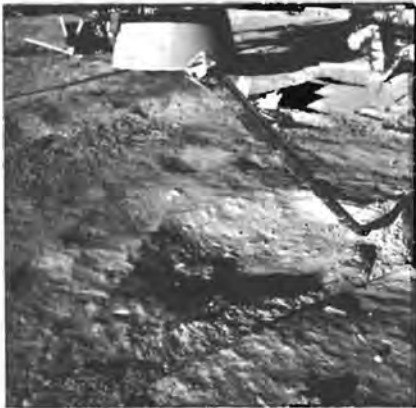
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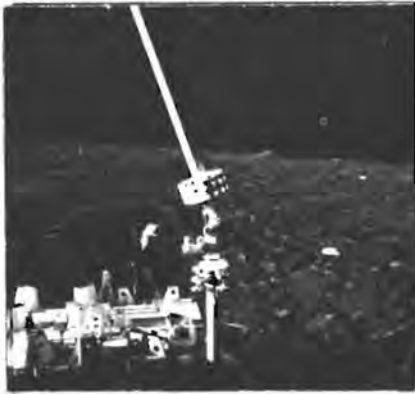
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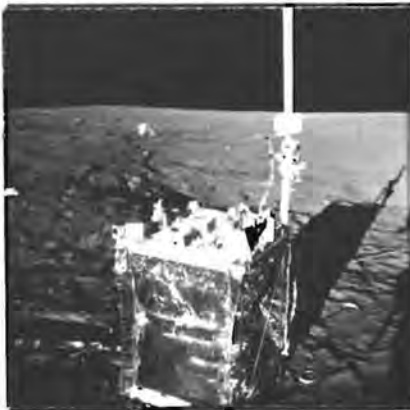
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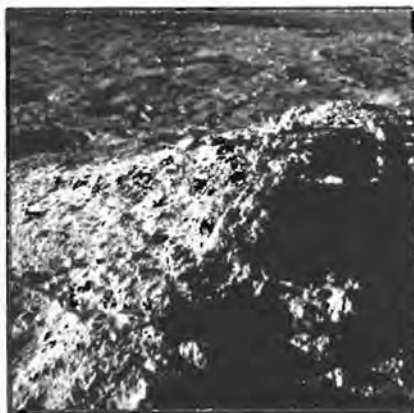
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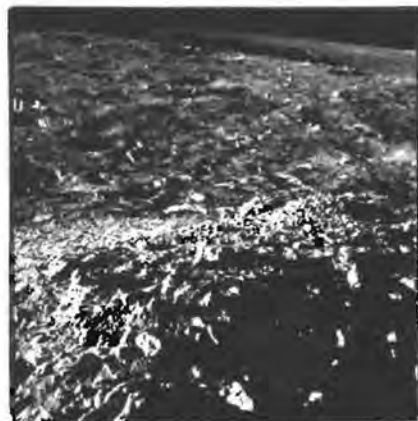
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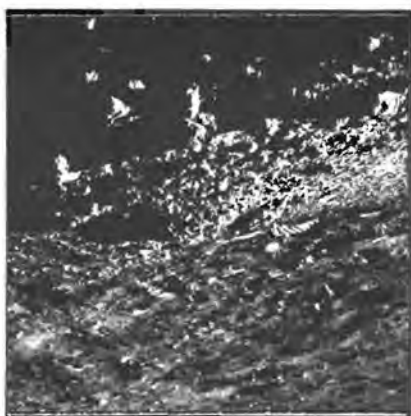
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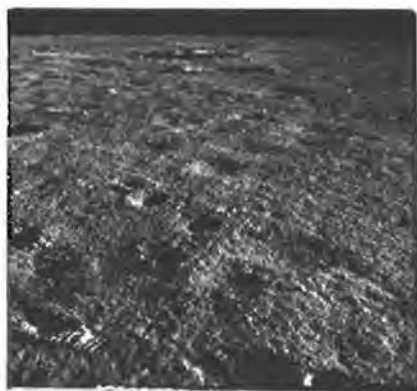
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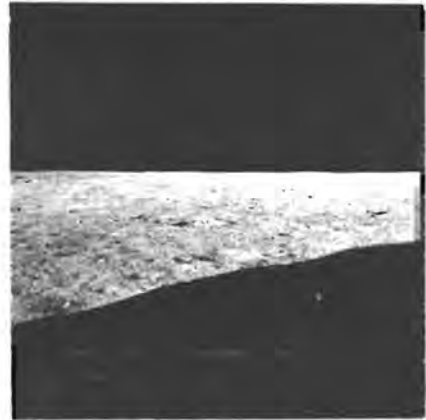
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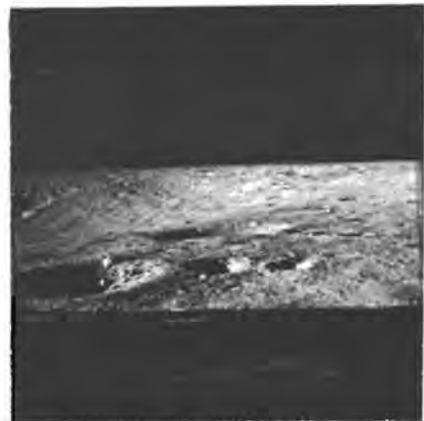
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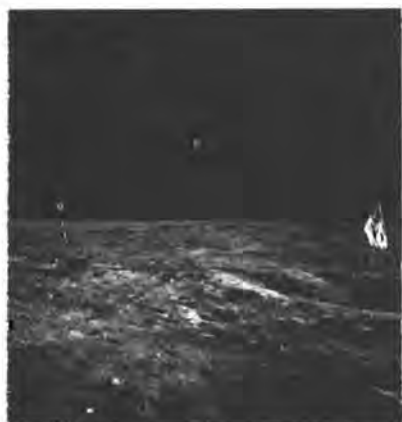
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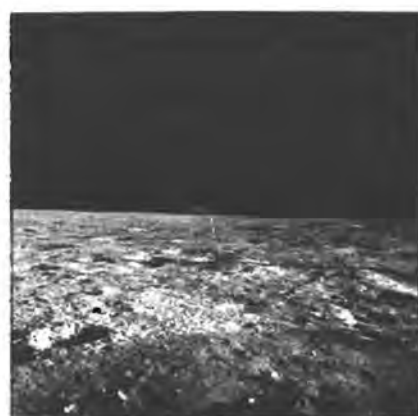
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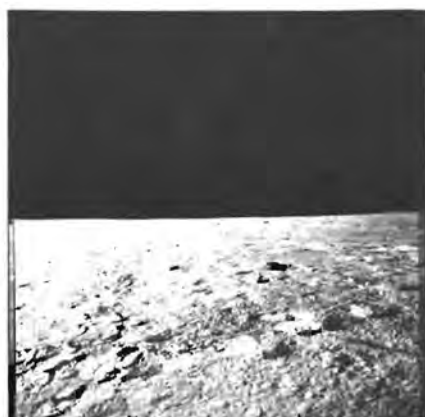
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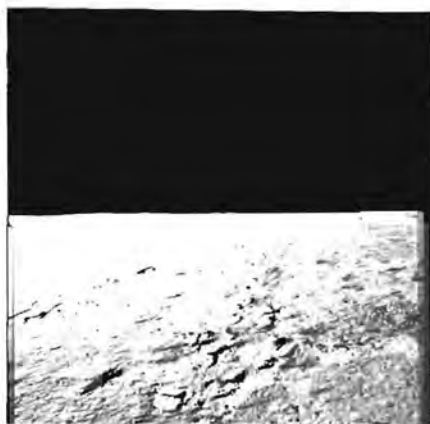
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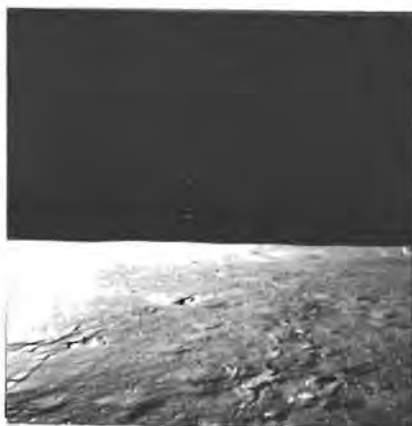
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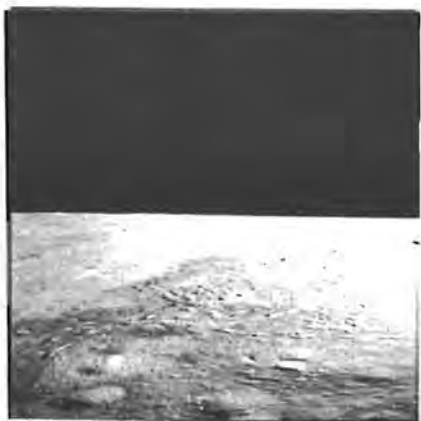
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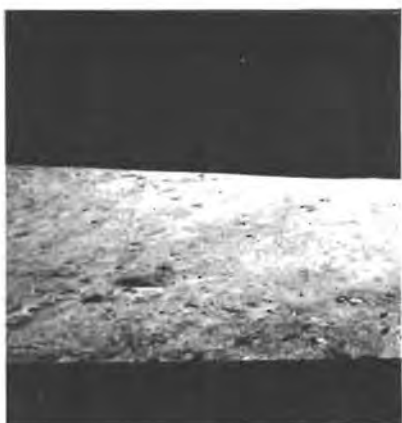
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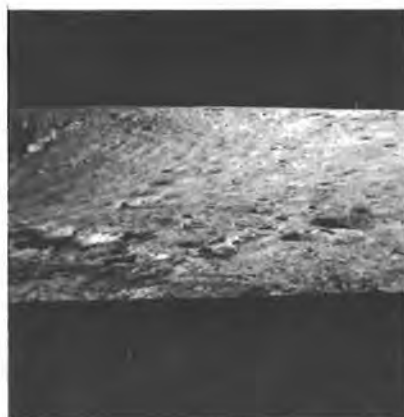
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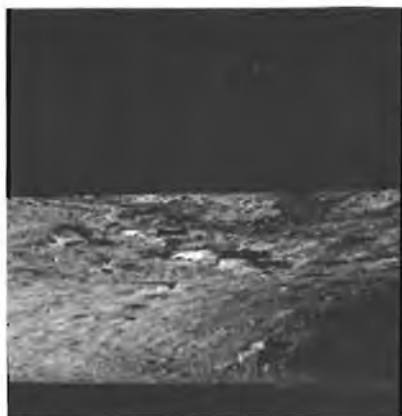
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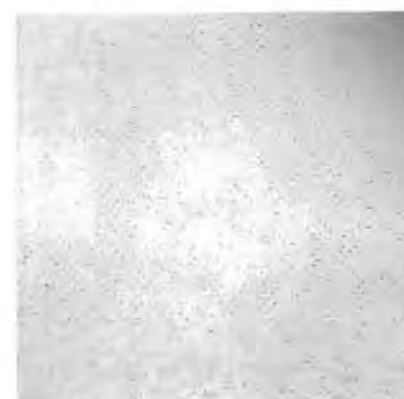
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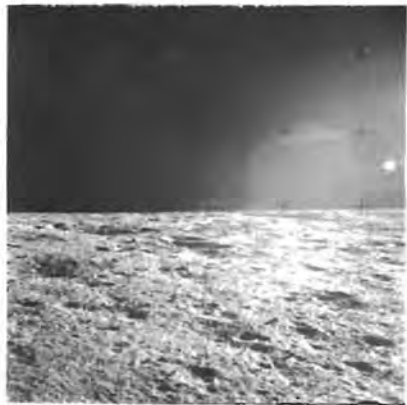
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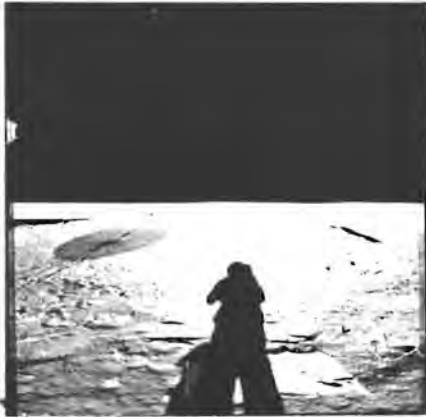
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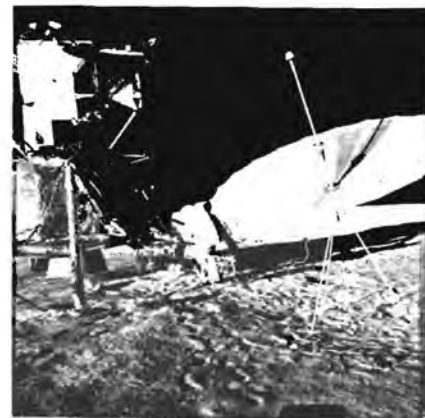
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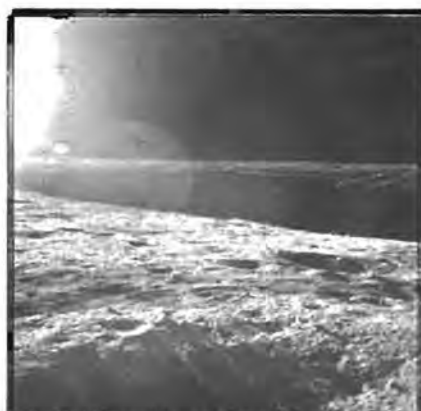
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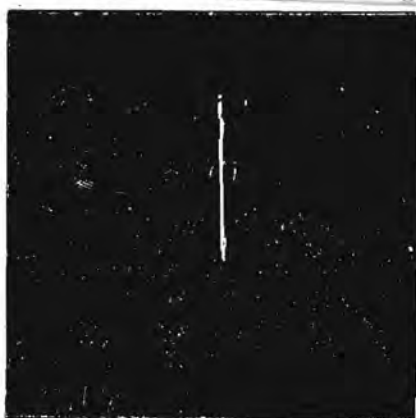
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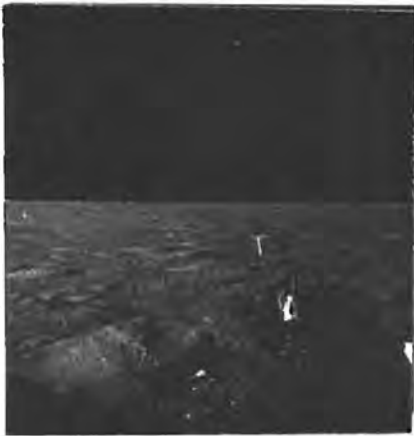
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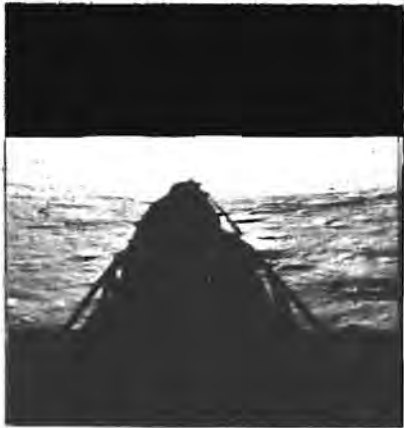
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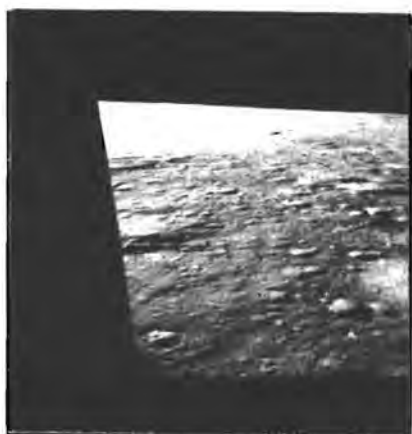
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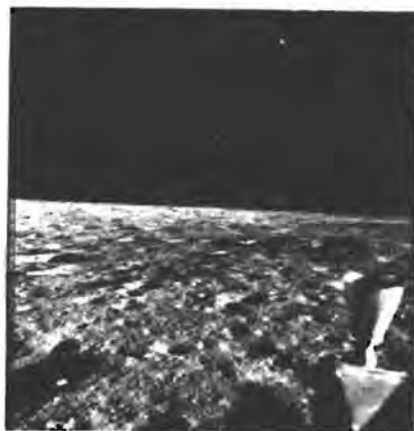
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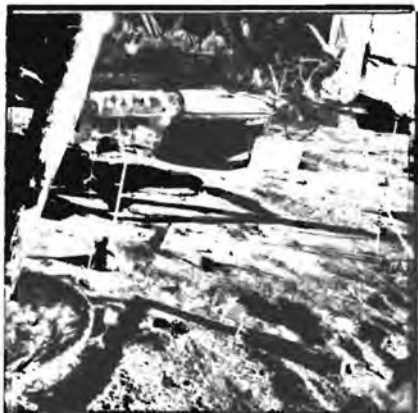
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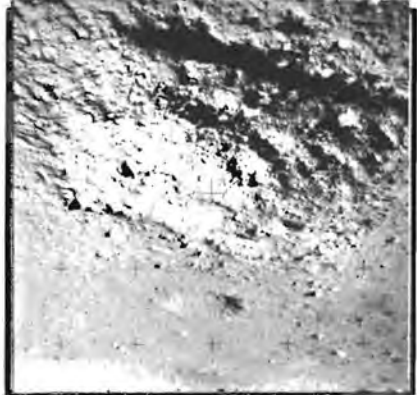
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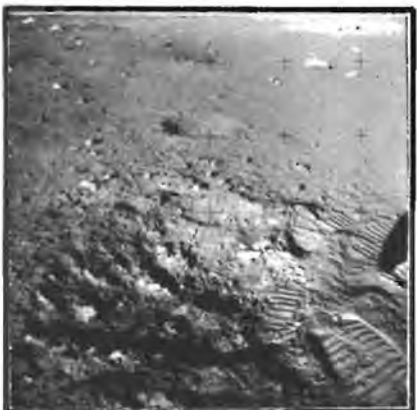
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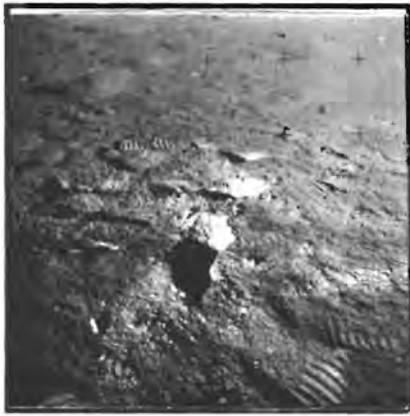
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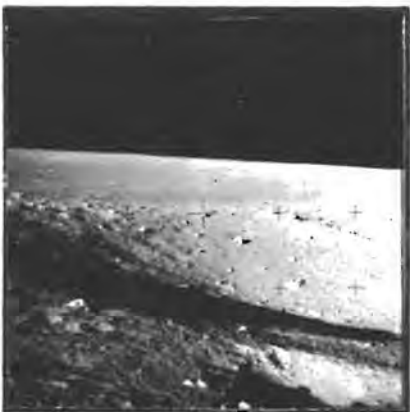
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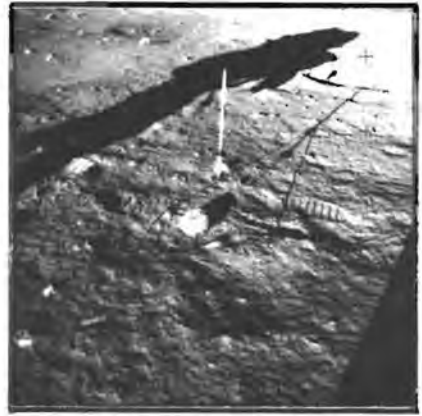
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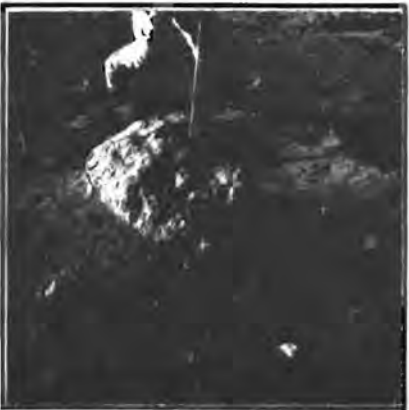
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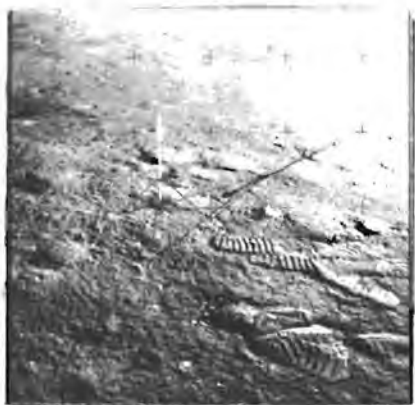
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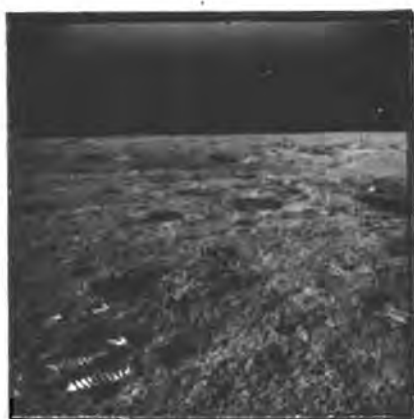
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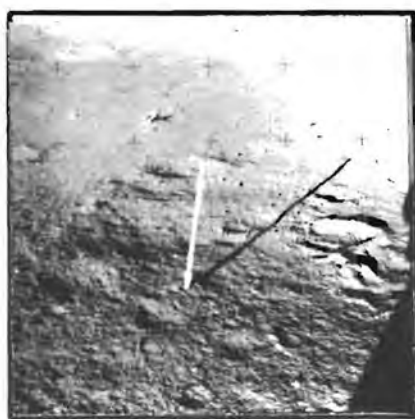
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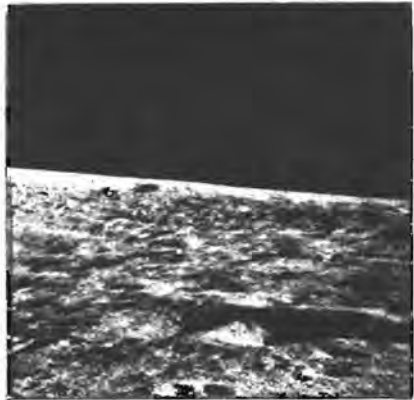
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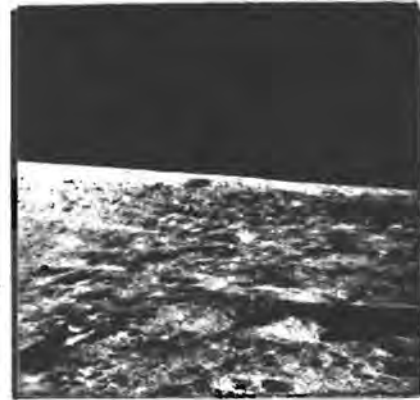
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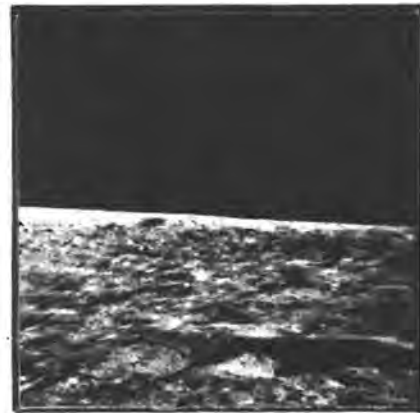
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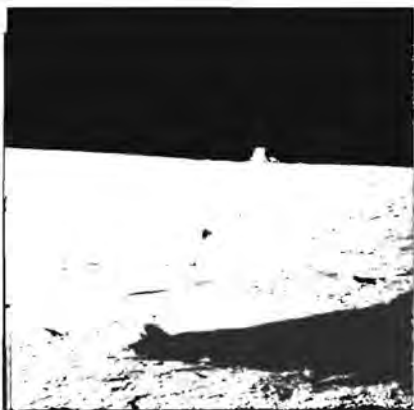
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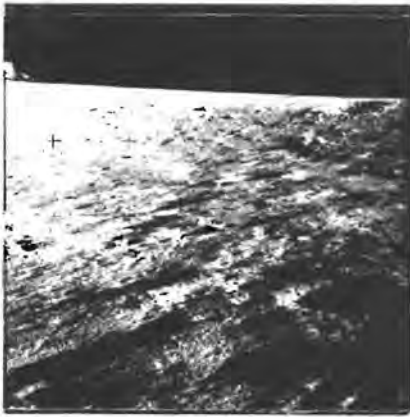
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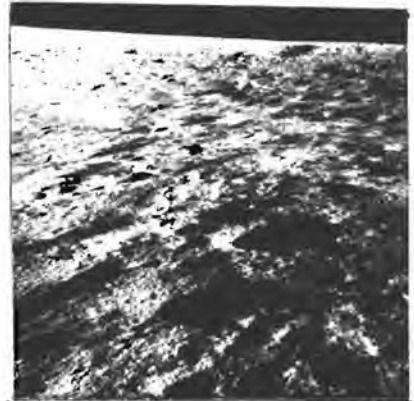
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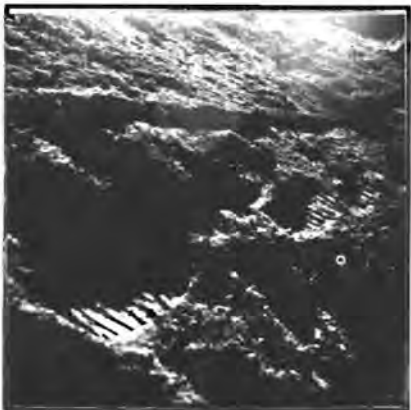
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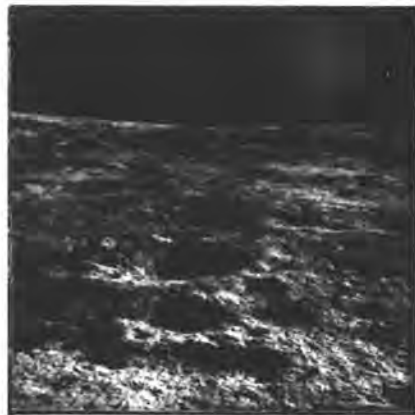
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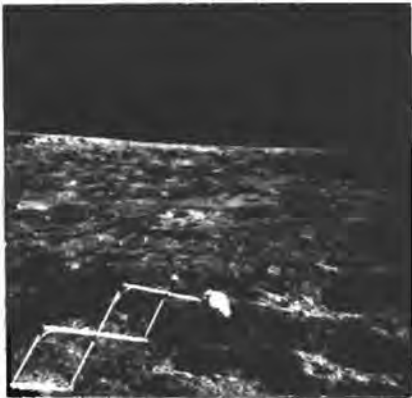
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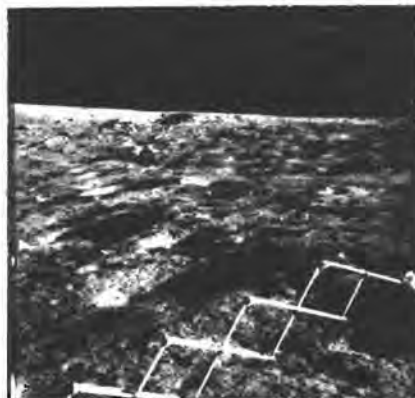
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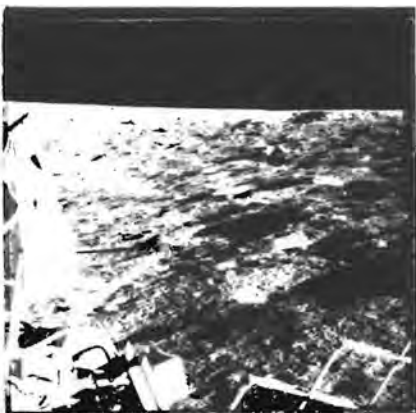
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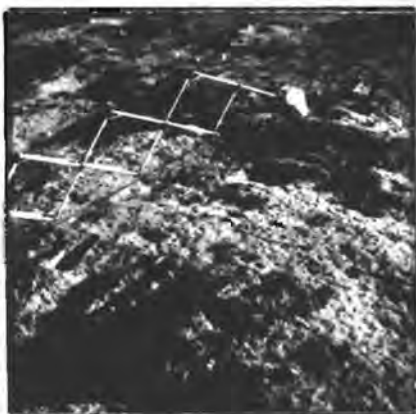
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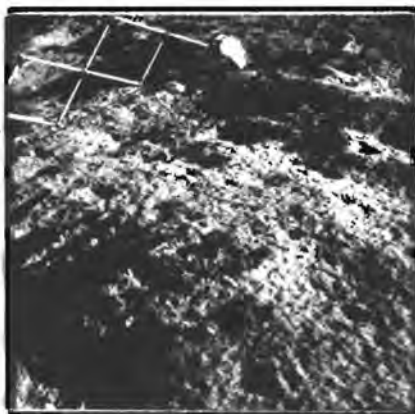
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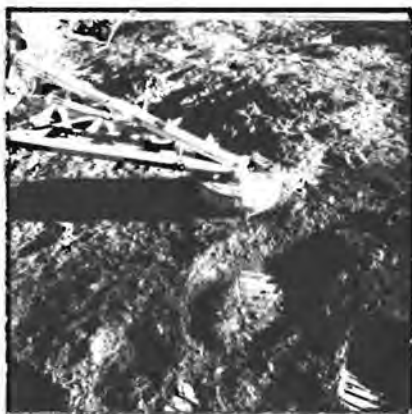
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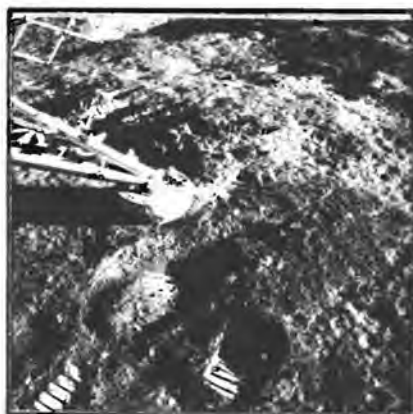
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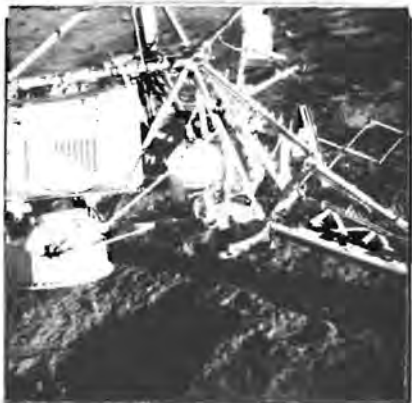
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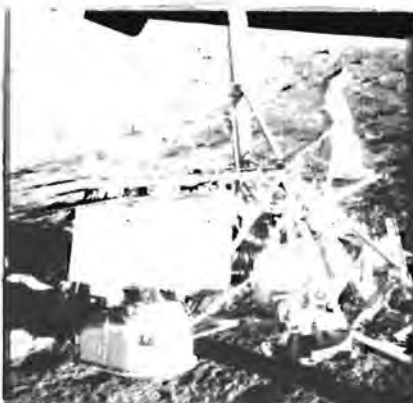
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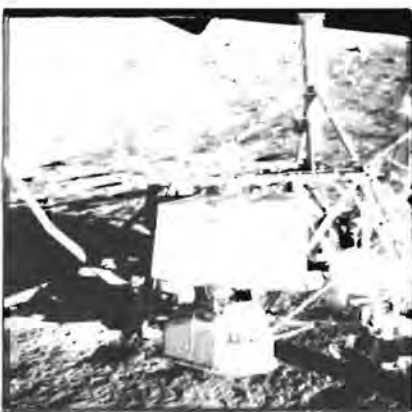
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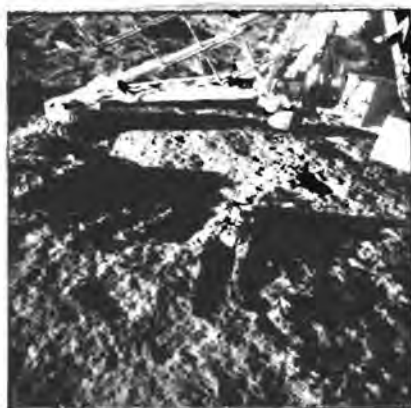
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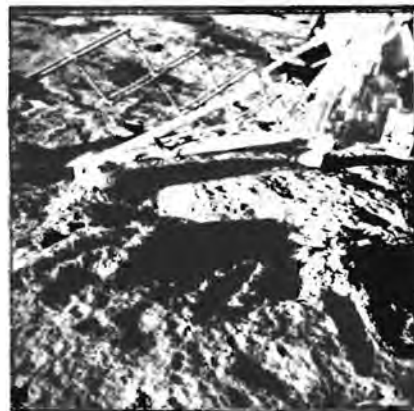
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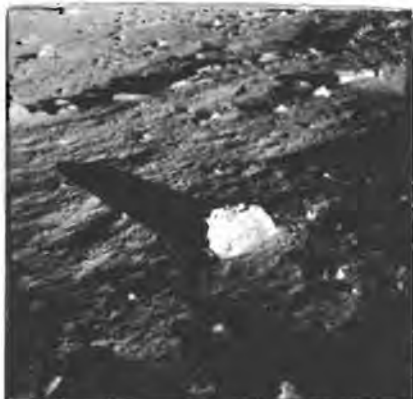
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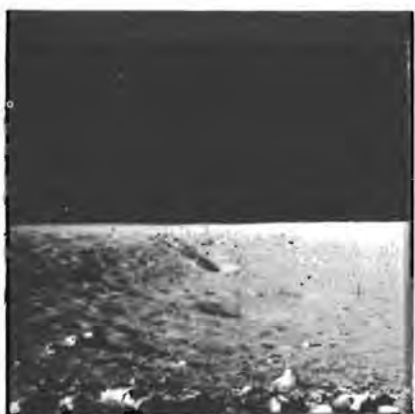
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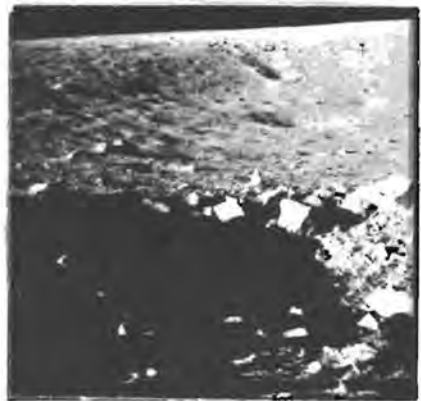
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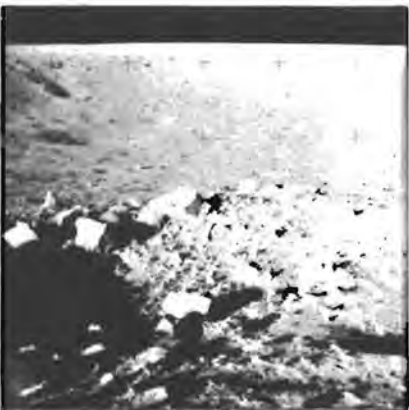
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AS12-48-7155



AS12-48-7156



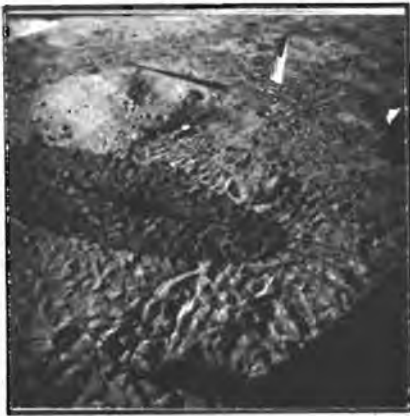
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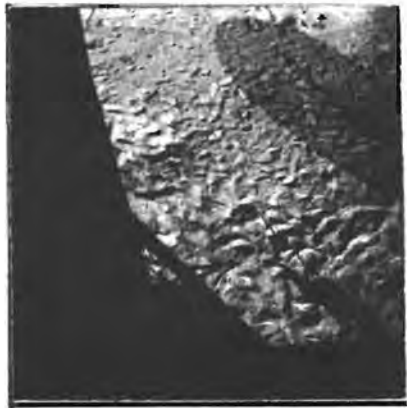
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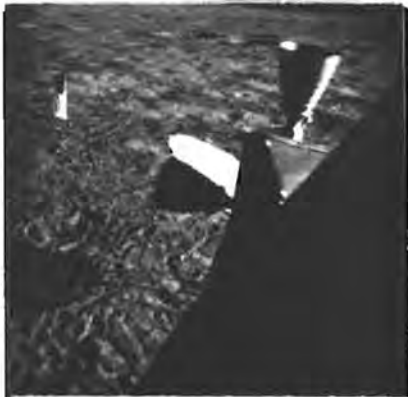
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AS12- 48-7160



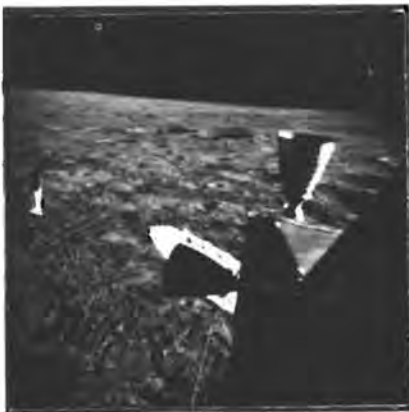
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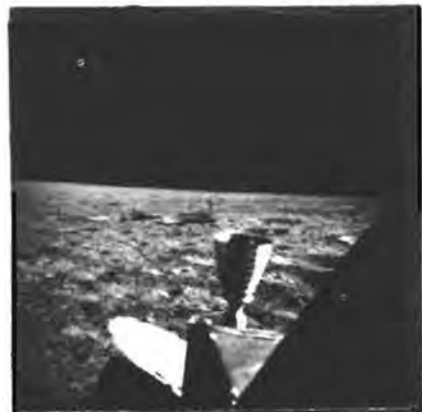
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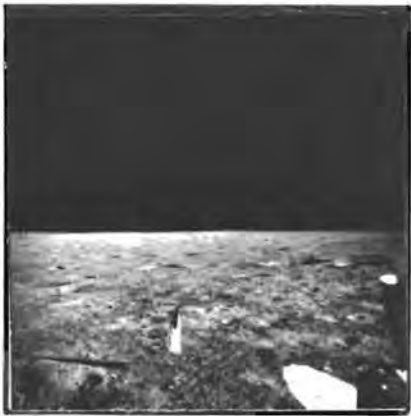
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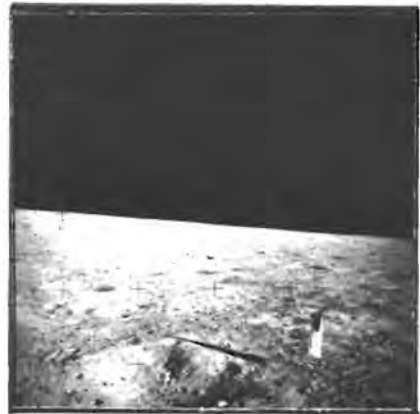
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AS12-48-7171



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AS12-46-6715 thru AS12-46-6868



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AS12-46-6717



AS12-46-6718



AS12-46-6719



AS12-46-6720



AS12- 46-6721



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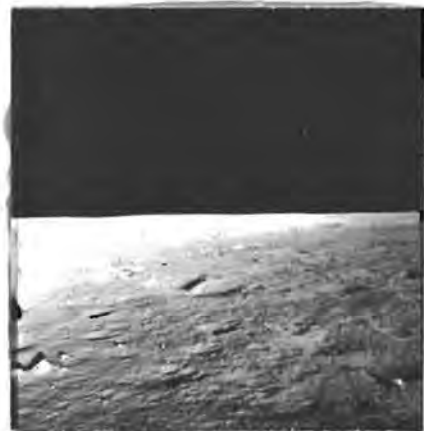
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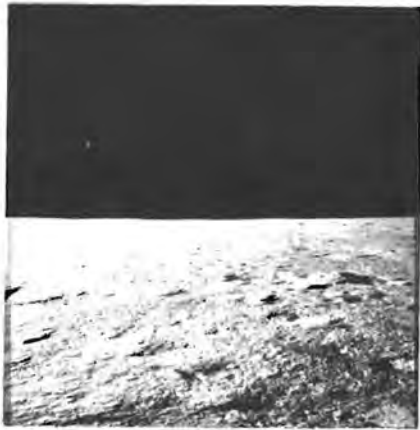
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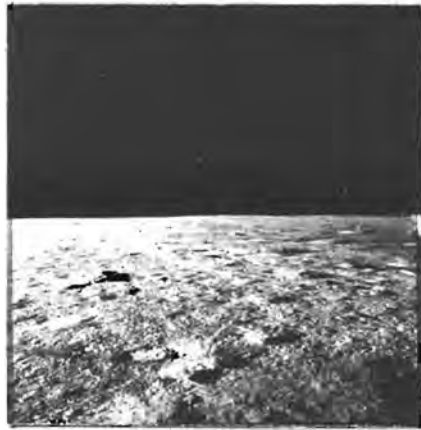
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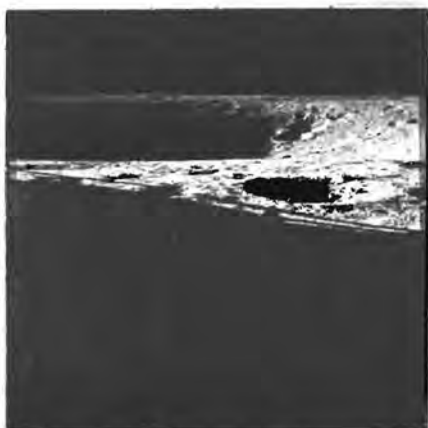
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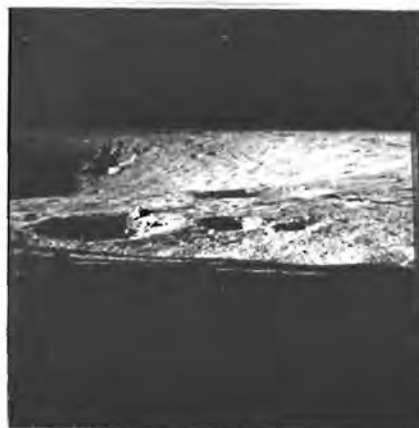
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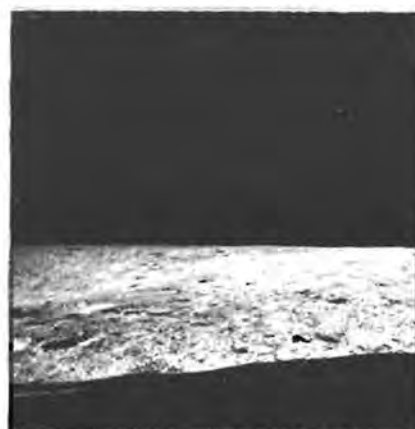
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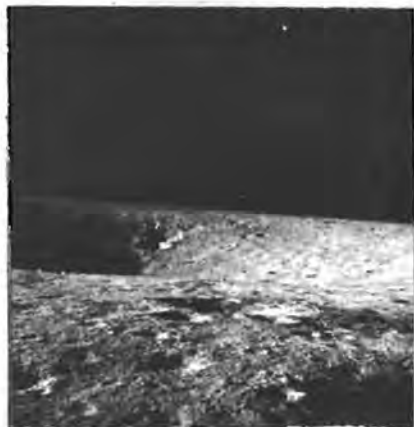
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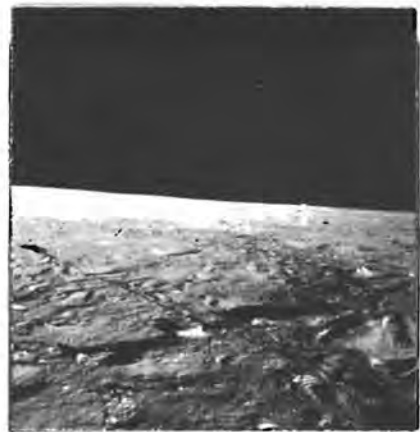
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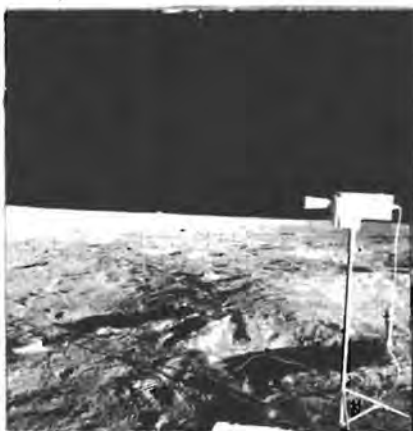
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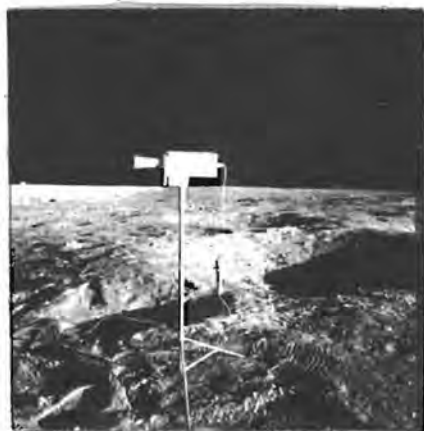
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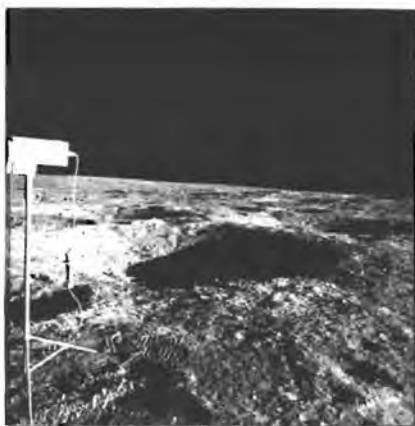
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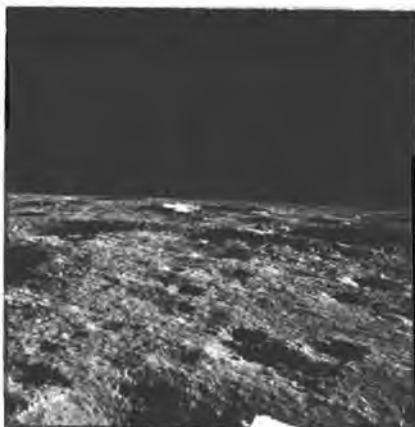
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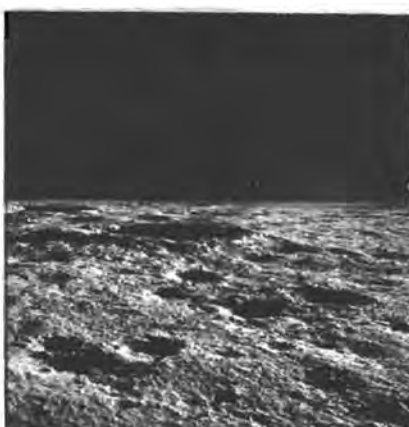
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AS12-46-6765



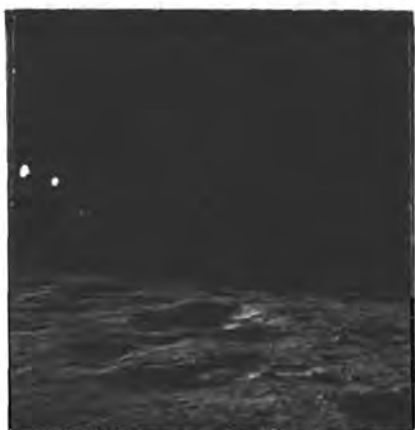
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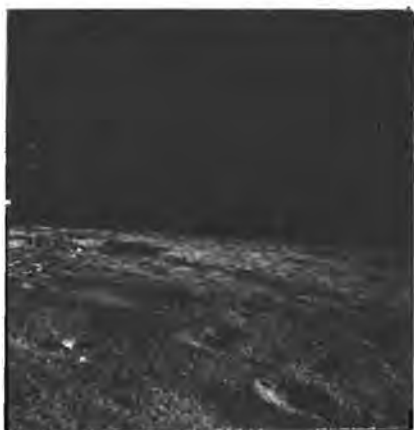
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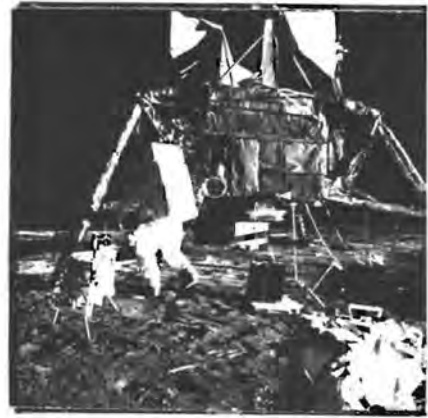
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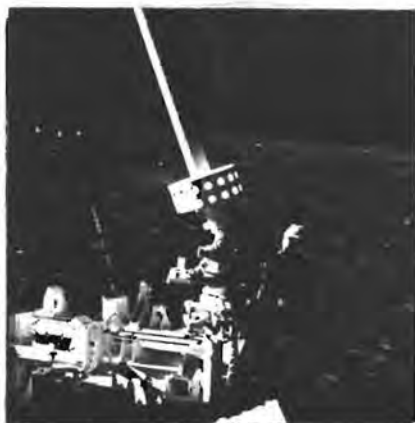
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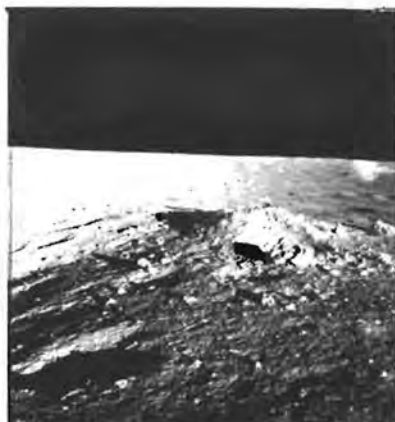
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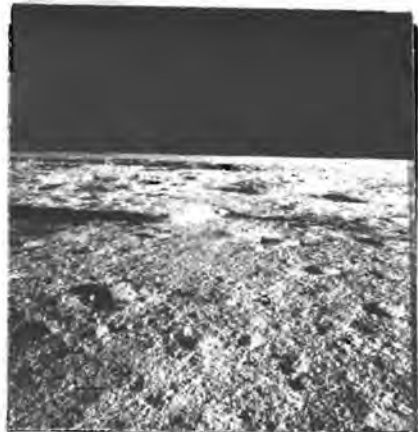
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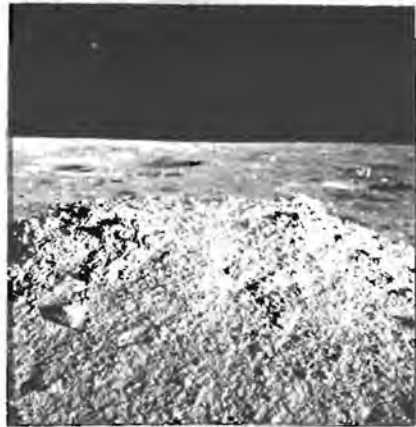
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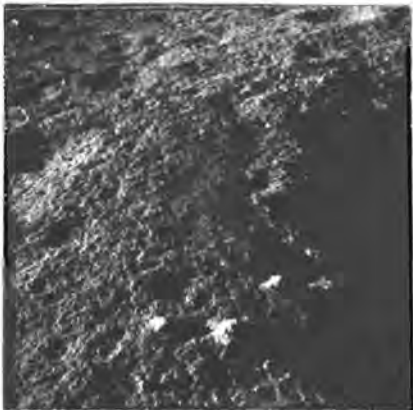
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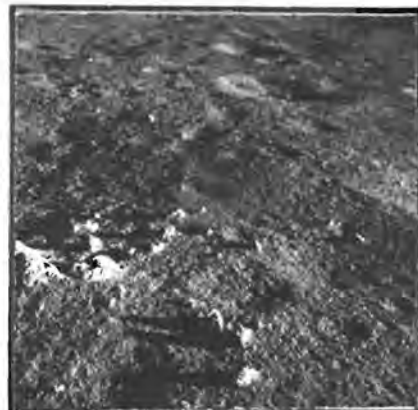
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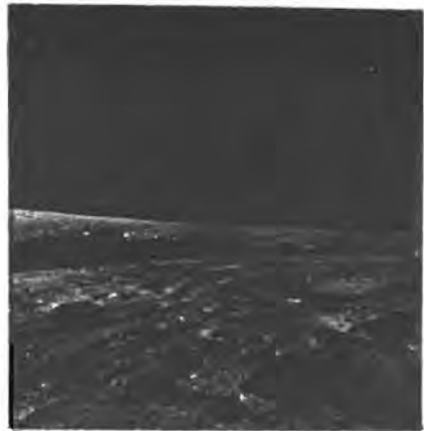
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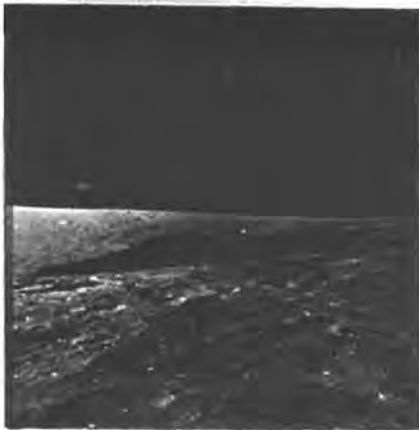
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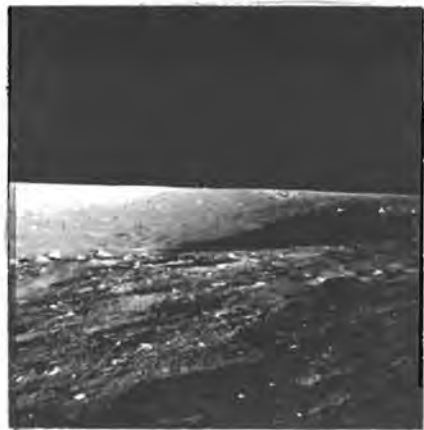
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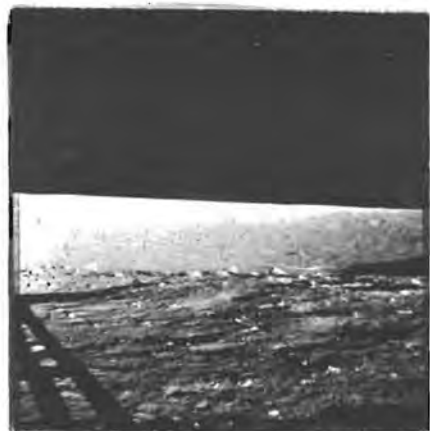
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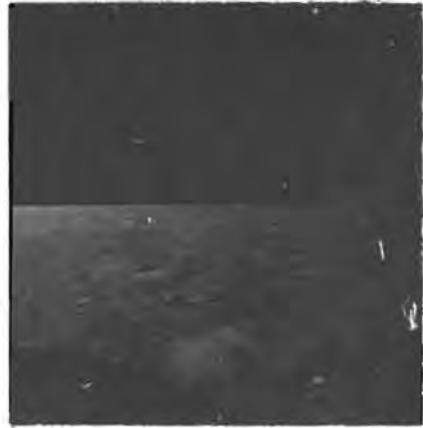
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AS12-46-6868

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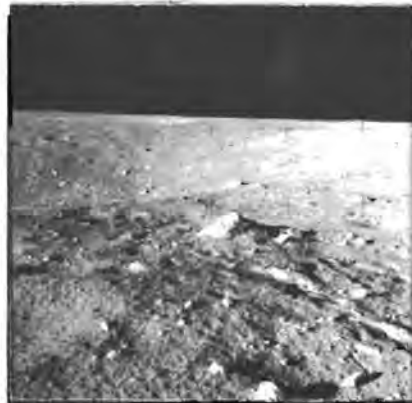
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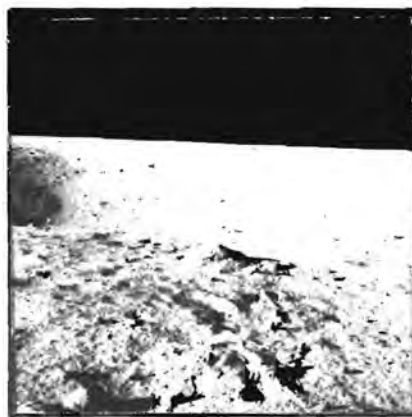
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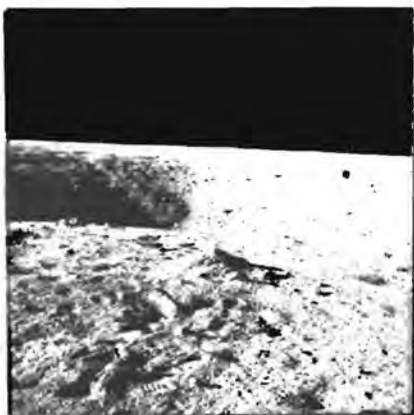
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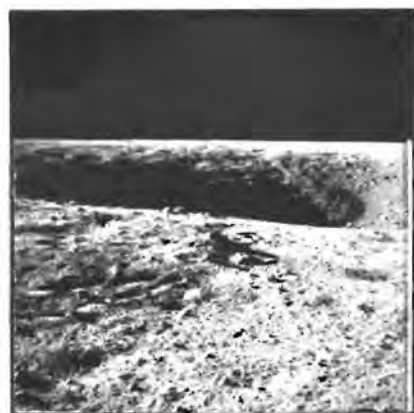
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AS12-49-7195



AS12-49-7196



AS12-49-7197



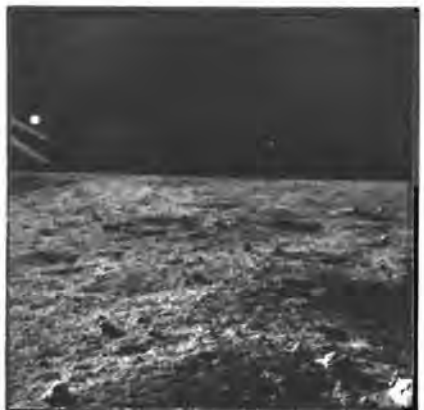
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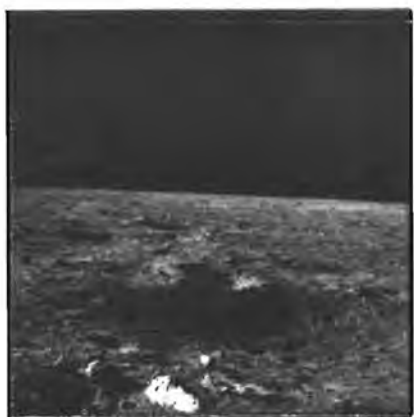
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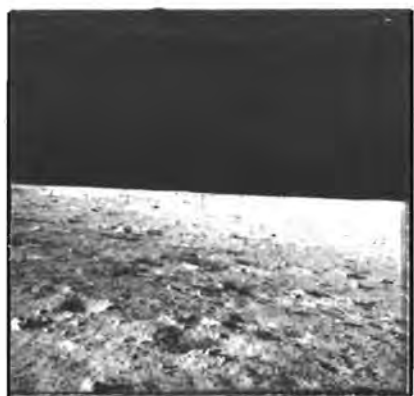
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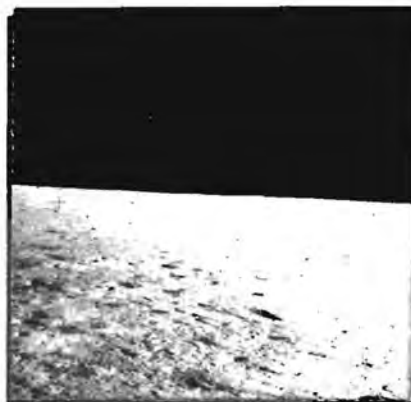
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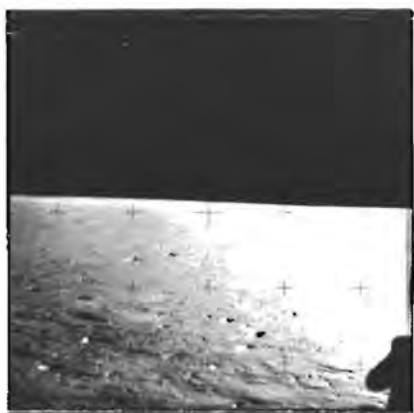
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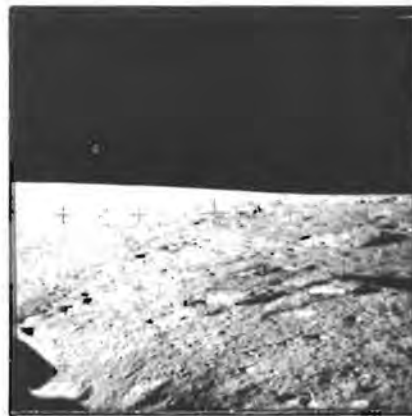
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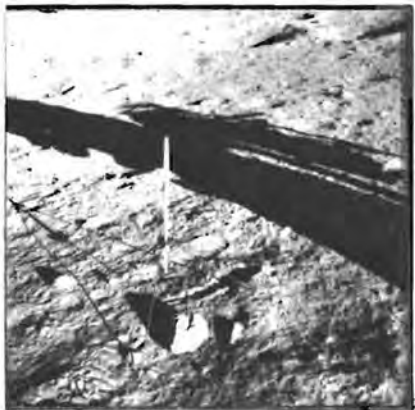
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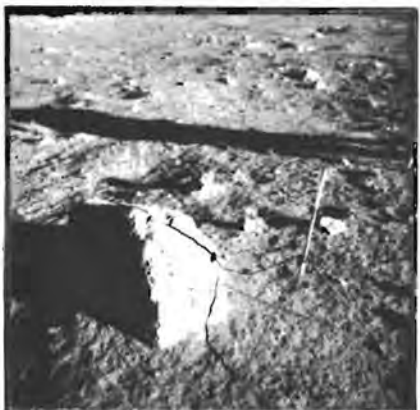
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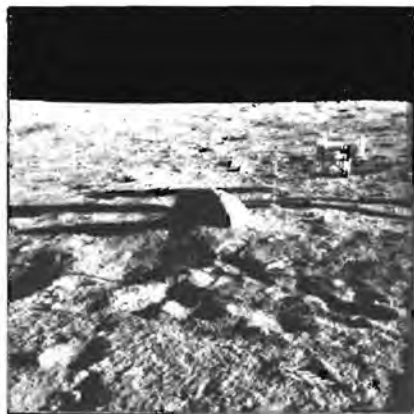
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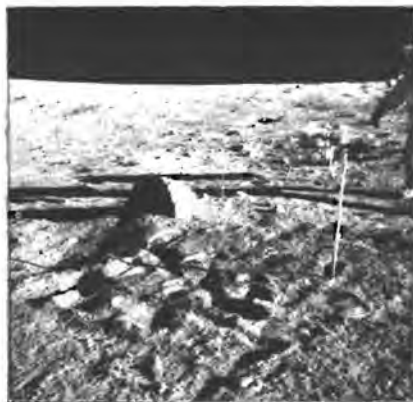
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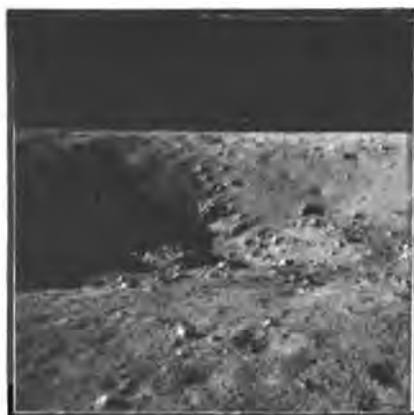
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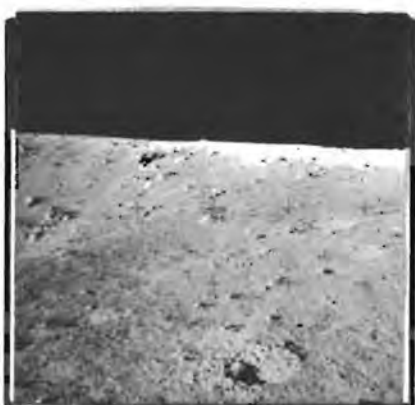
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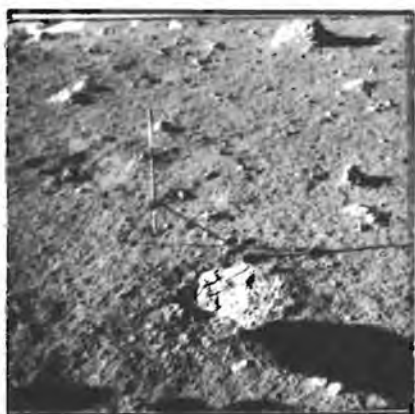
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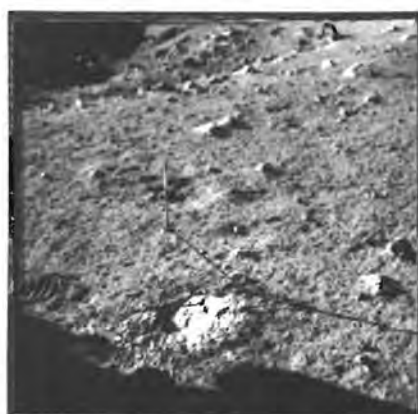
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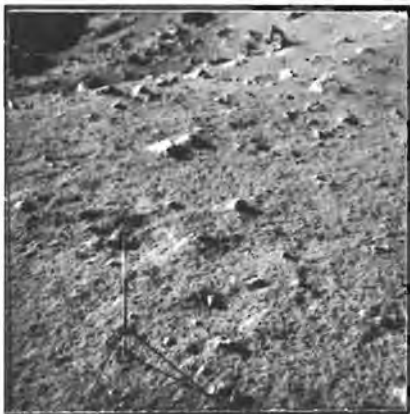
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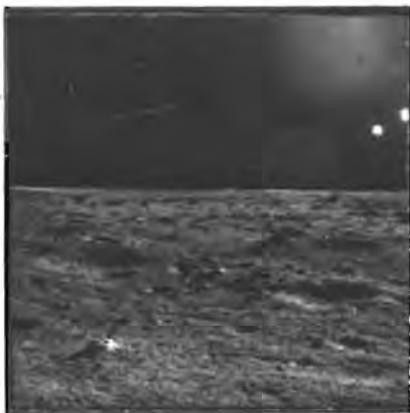
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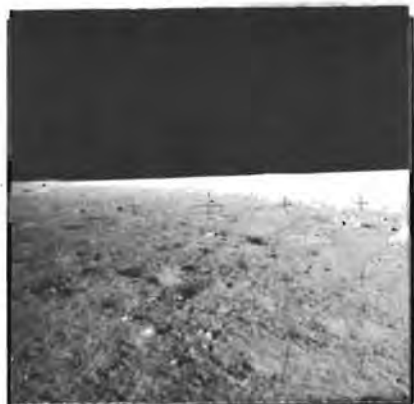
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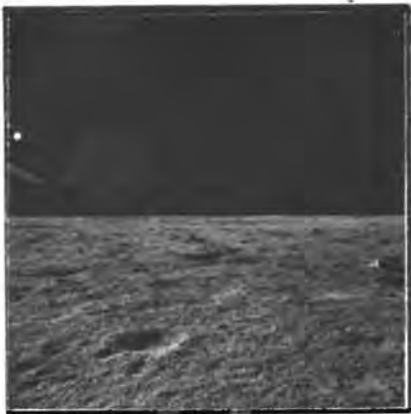
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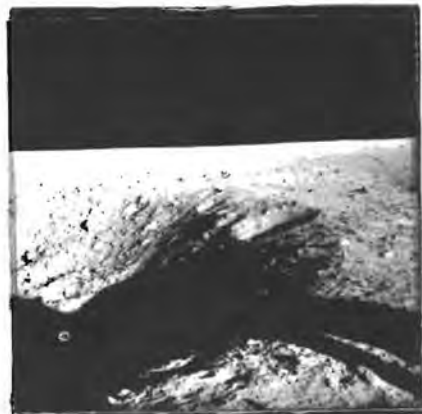
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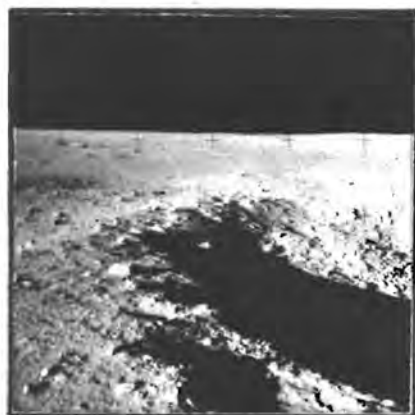
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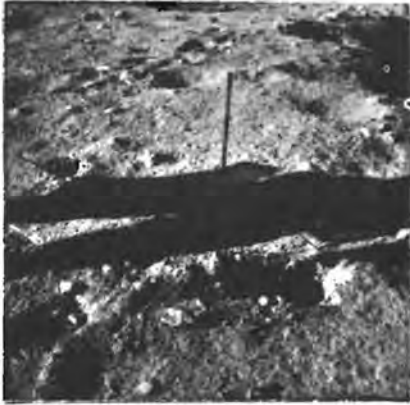
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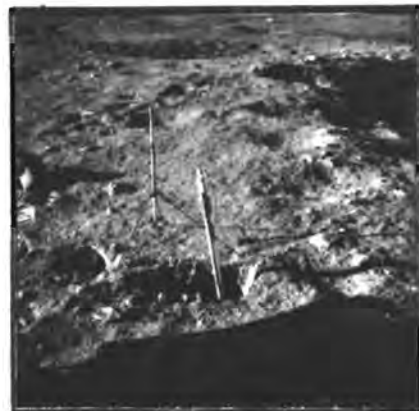
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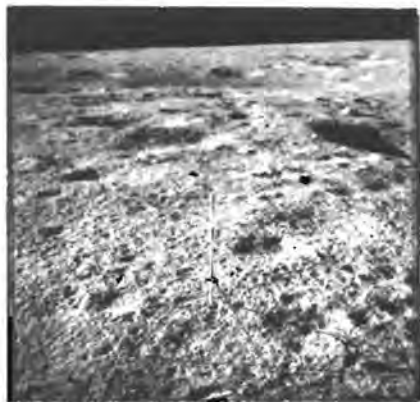
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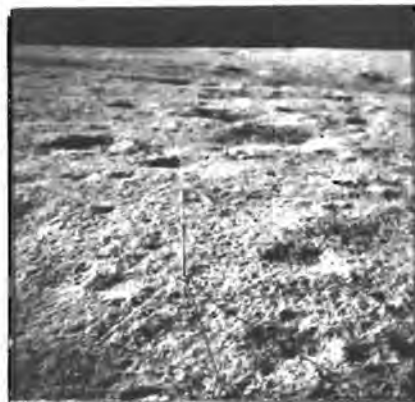
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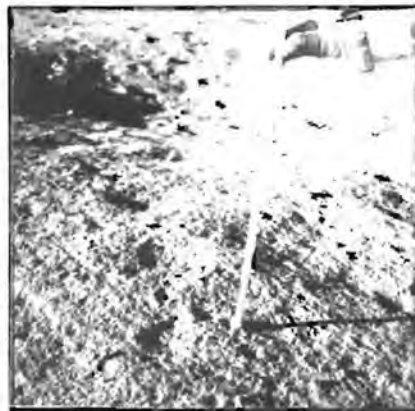
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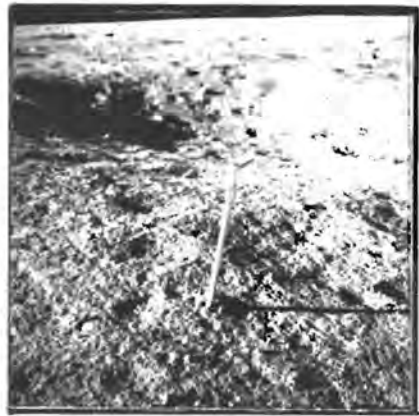
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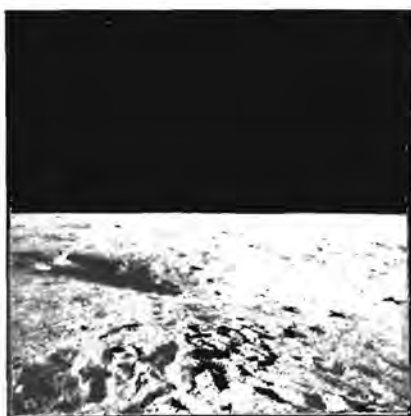
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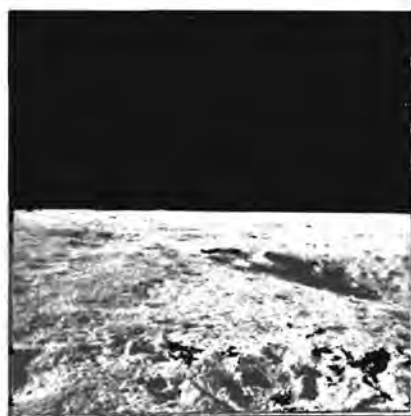
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AS12-49-7292



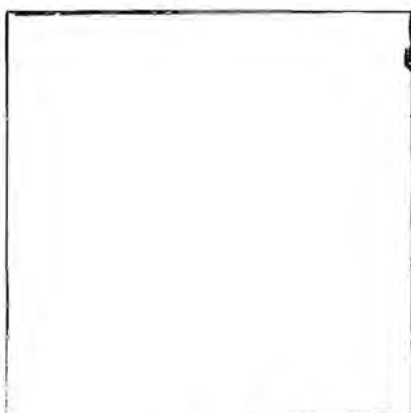
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AS12-49-7294



AS12-49-7295



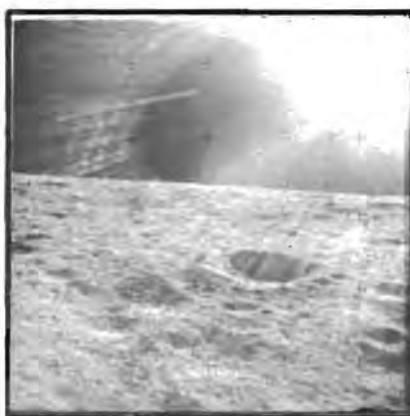
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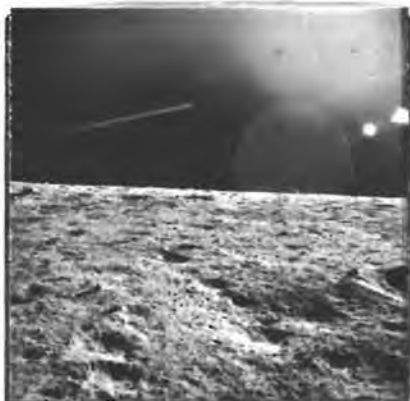
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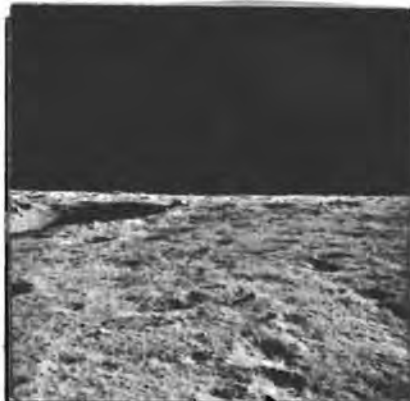
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AS12-49-7299



AS12-49-7300



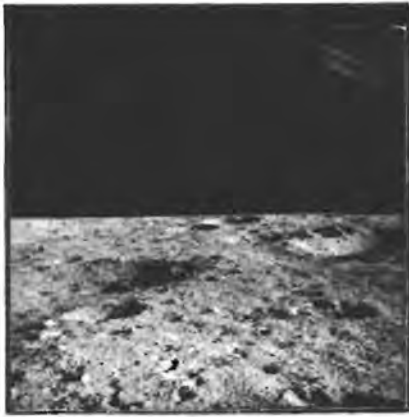
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AS12-49-7302



AS12-49-7303



AS12-49-7304



AS12-49-7305



AS12-49-7306



AS12-49-7307



AS12-49-7308



AS12-49-7309



AS12-49-7310



AS12-49-7311



AS12-49-7312



AS12-49-7313



AS12-49-7314



AS12-49-7315



AS12-49-7316



AS12-49-7317



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AS12-49-7319



AS12-49-7320



AS12-49-7321



AS12-49-7322



AS12-49-7323

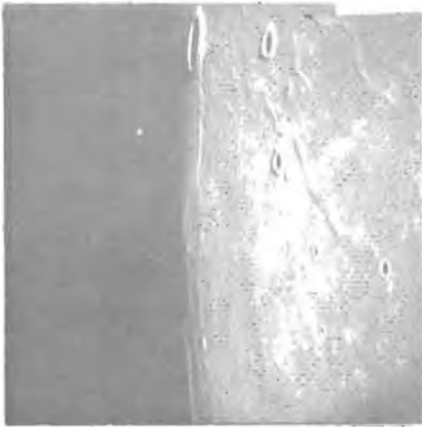


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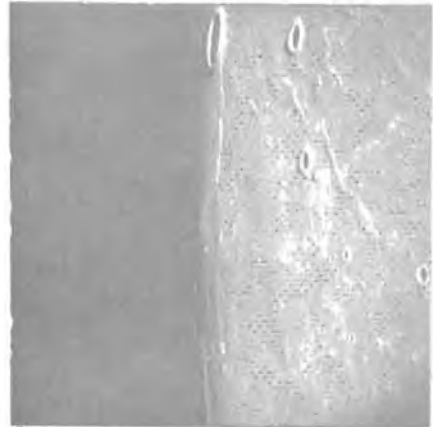
MAGAZINE

EE

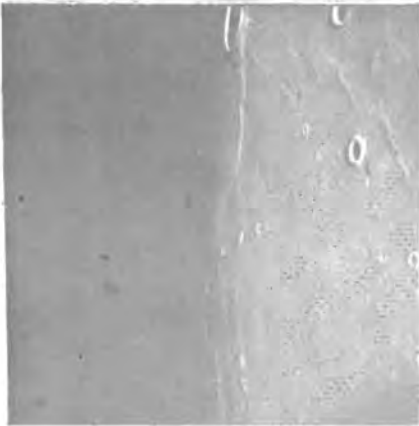
AS12-55-8121 thru AS12-55-8297



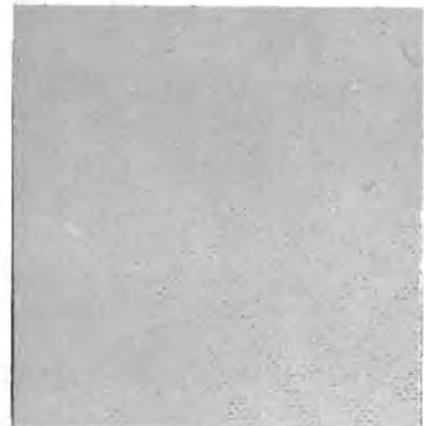
AS12- 55-8121



AS12- 55-8122



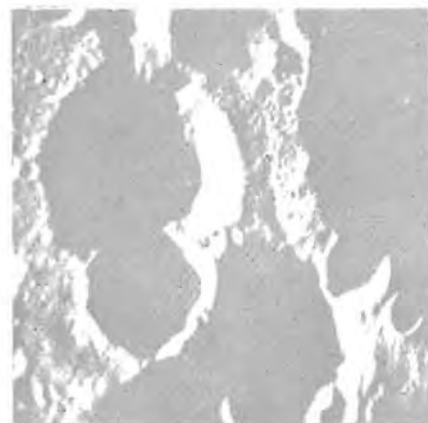
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AS12- 55-8124



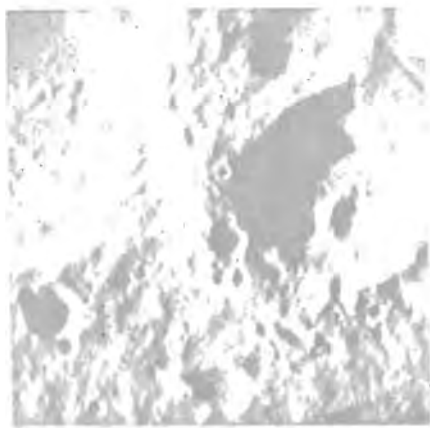
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AS12- 55-8126



AS12- 55-8127



AS12- 55-8128



AS12- 55-8129



AS12- 55-8130



AS12- 55-8131



AS12- 55-8132



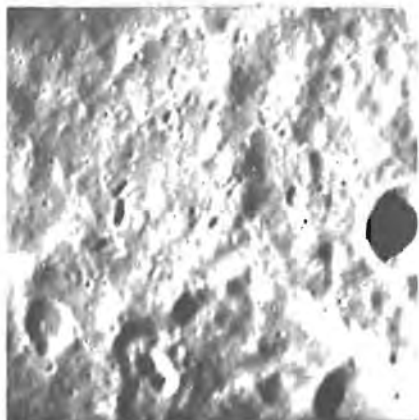
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AS12- 55-8134



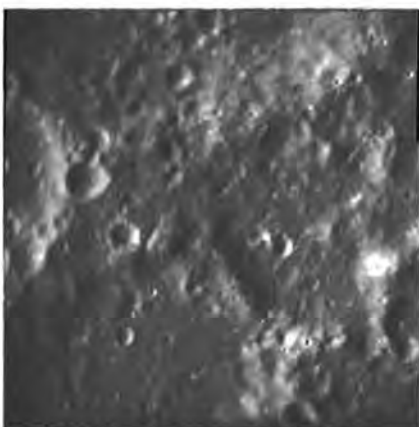
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AS12- 55-8136



AS12- 55-8137



AS12- 55-8138



AS12-55-8139



AS12-55-8140



AS12-55-8141



AS12-55-8142



AS12-55-8143



AS12-55-8144



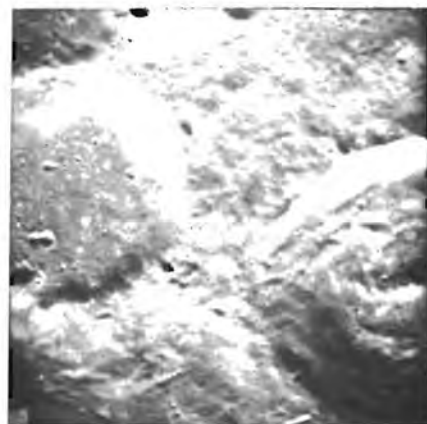
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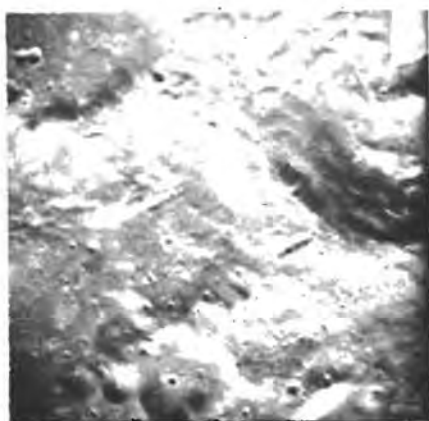
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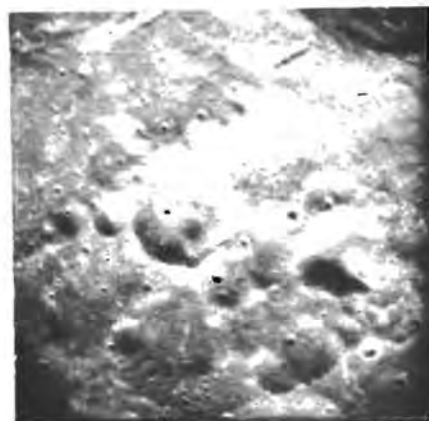
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AS12-55-8148



AS12-55-8149



AS12-55-8150



AS12- 55-8151



AS12- 55-8152



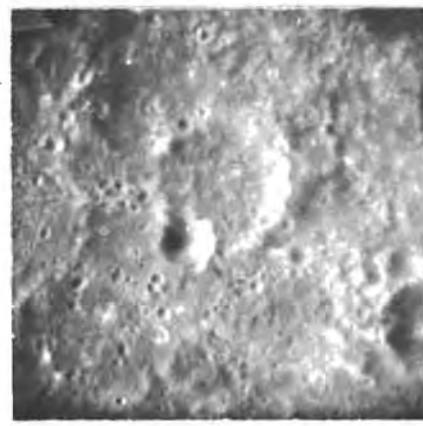
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AS12- 55-8154



AS12- 55-8155



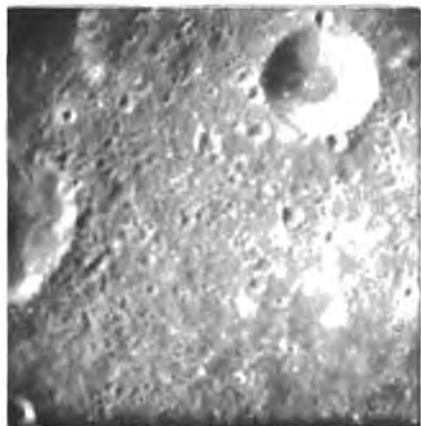
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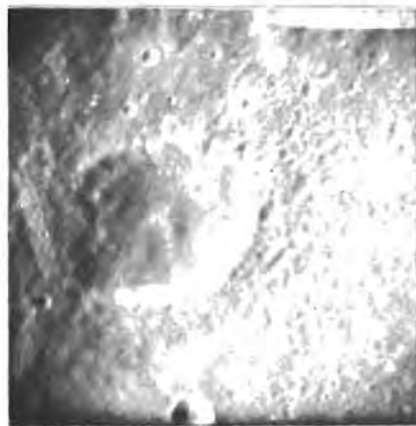
AS12- 55-8157



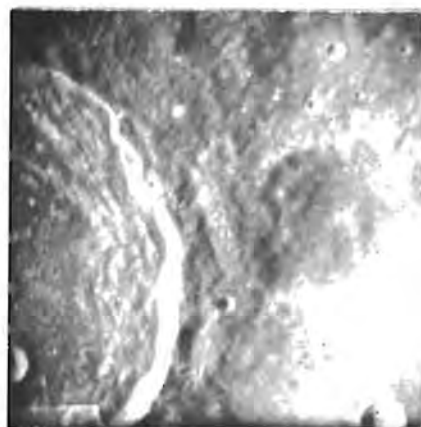
AS12- 55-8158



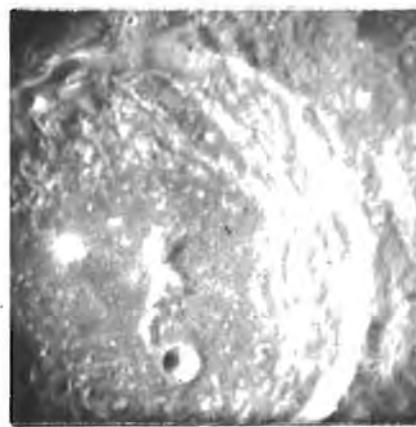
AS12- 55-8159



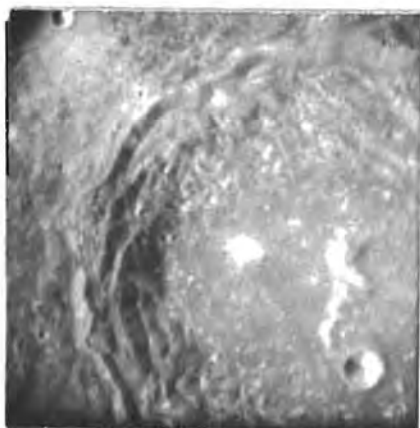
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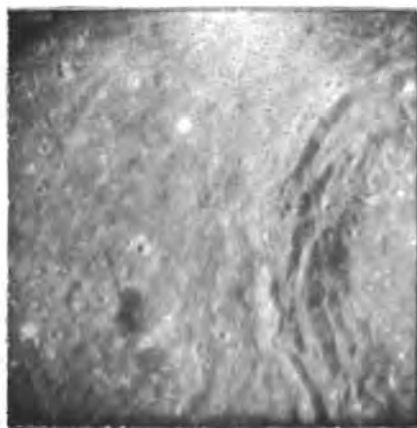
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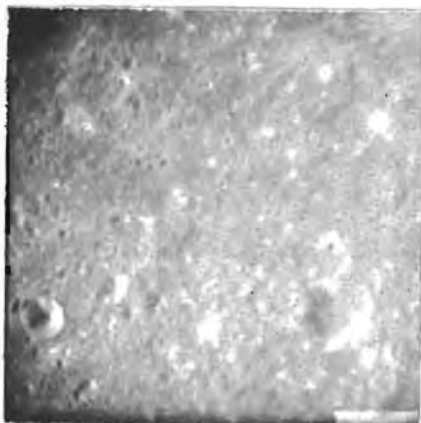
AS12- 55-8162



AS12-55-8163



AS12-55-8164



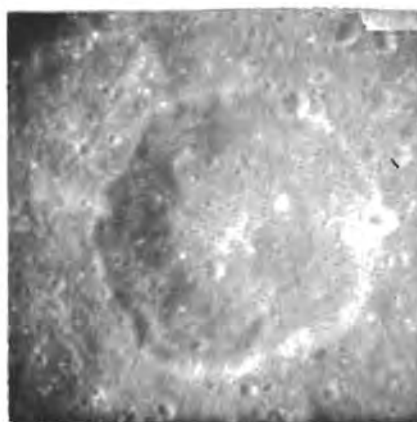
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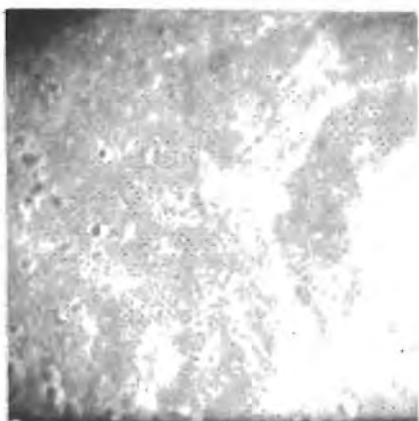
AS12-55-8166



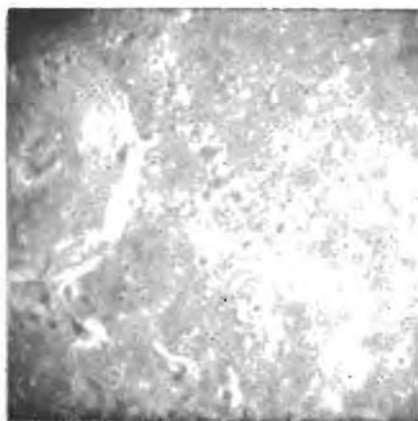
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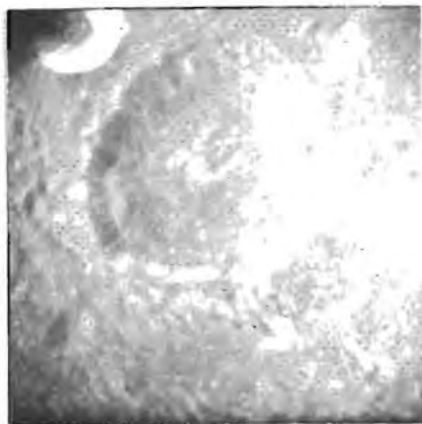
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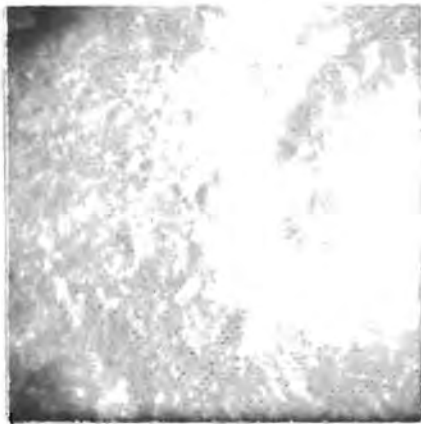
AS12- 55-8169



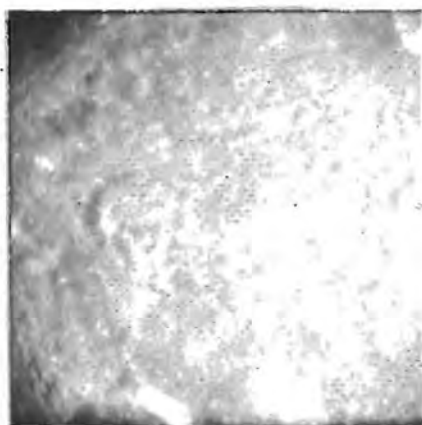
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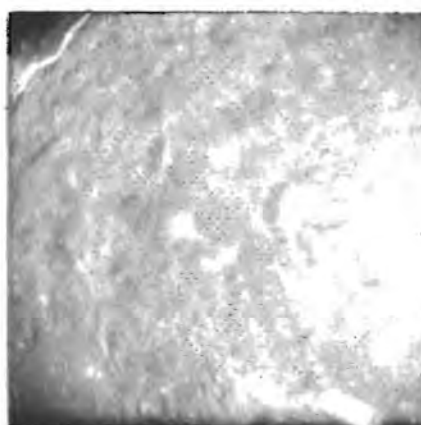
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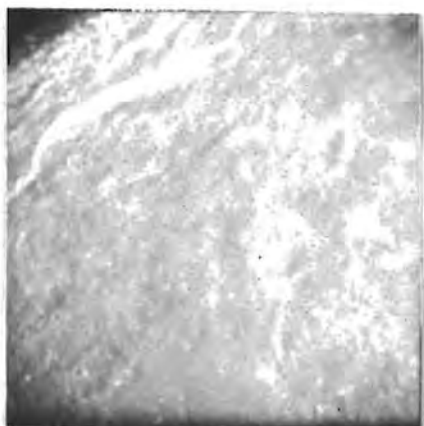
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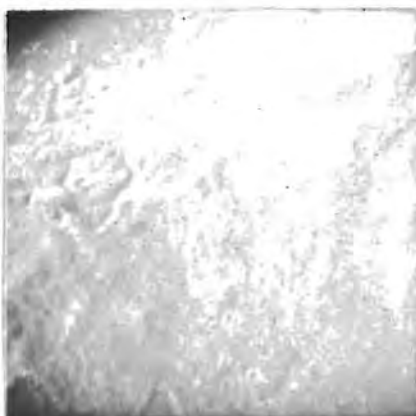
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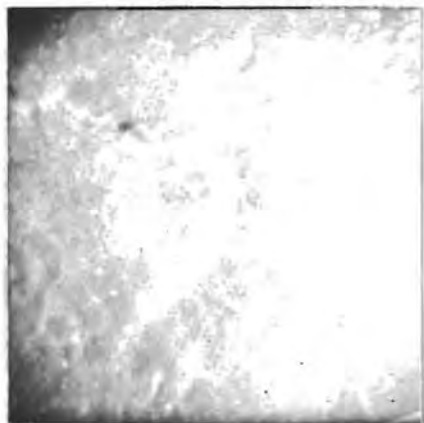
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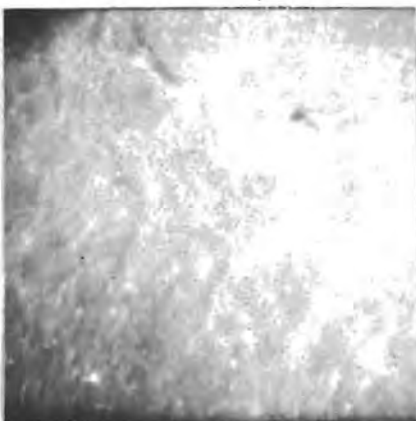
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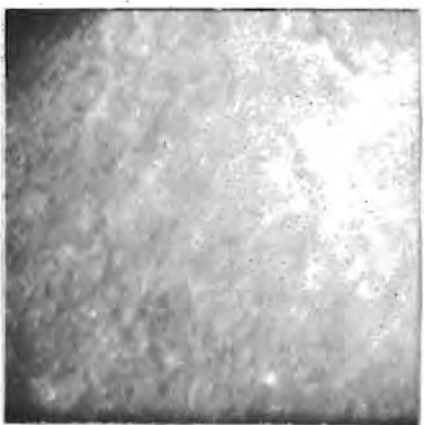
AS12- 55-8176



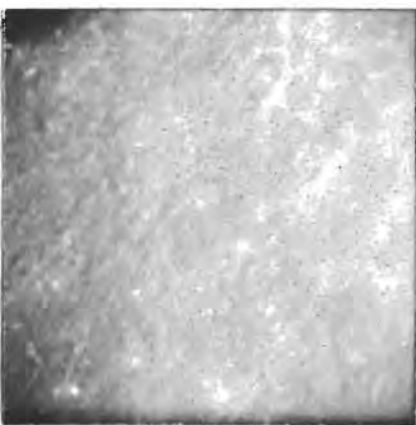
AS12- 55-8177



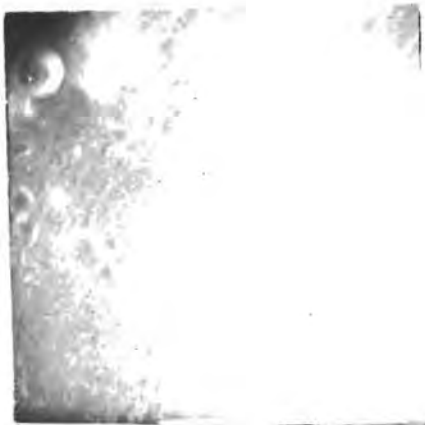
AS12- 55-8178



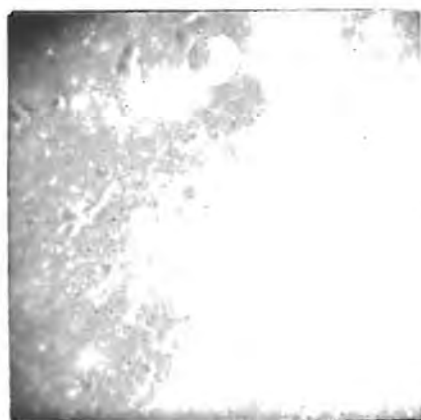
AS12- 55-8179



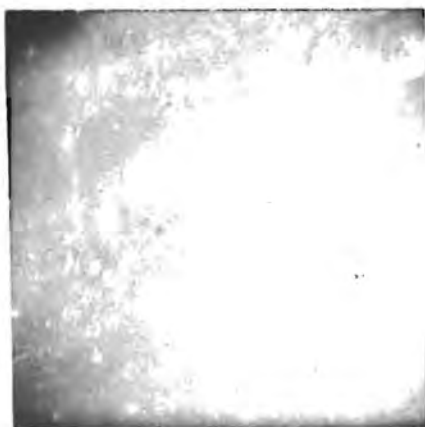
AS12- 55-8180



AS12-55-8181



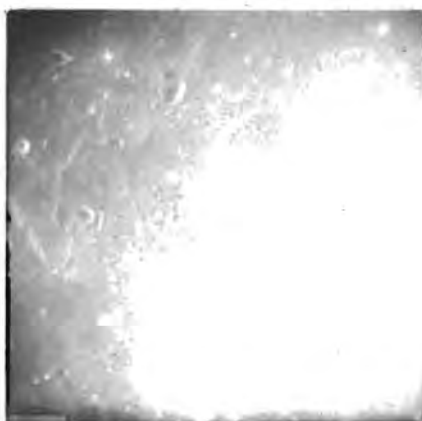
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AS12-55-8183



AS12-55-8184



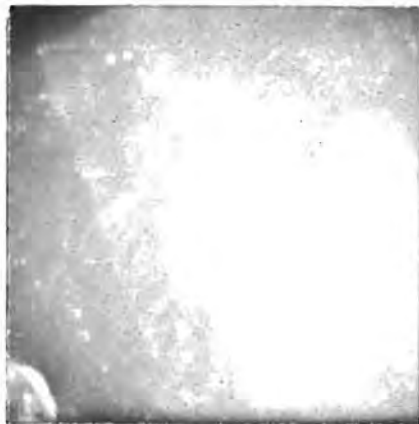
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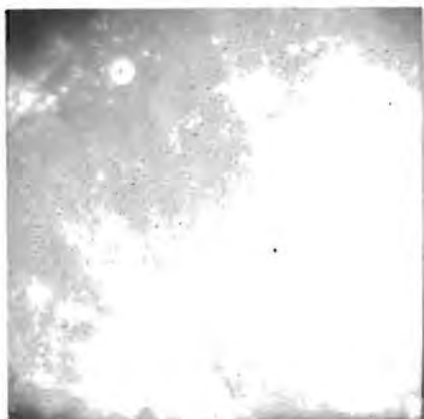
AS12-55-8186



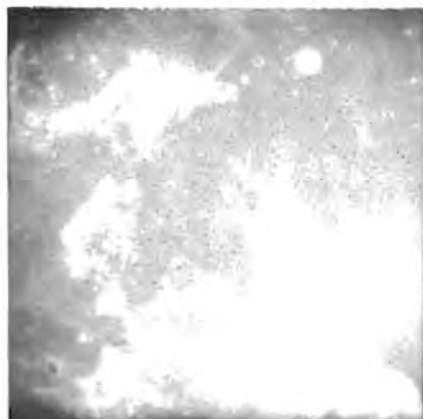
AS12- 55-8187



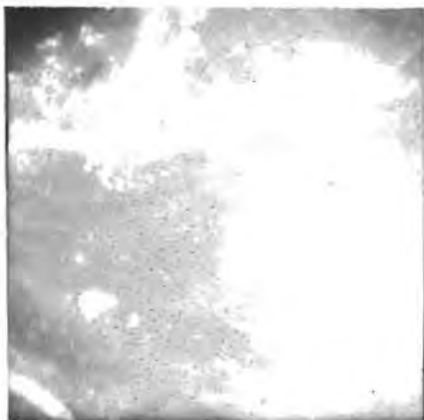
AS12- 55-8188



AS12- 55-8189



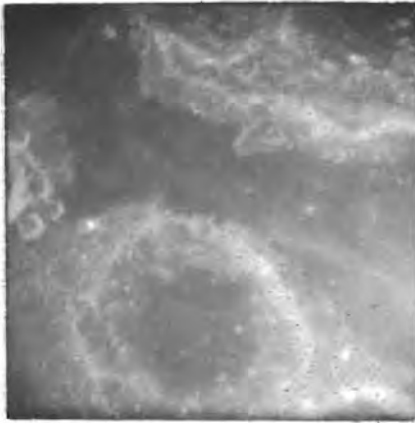
AS12- 55-8190



AS12- 55-8191



AS12- 55-8192



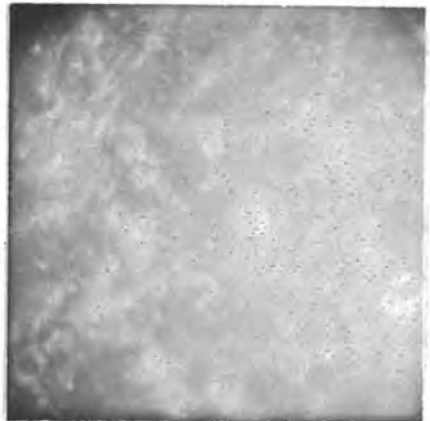
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AS12- 55-8194



AS12- 55-8195



AS12- 55-8196



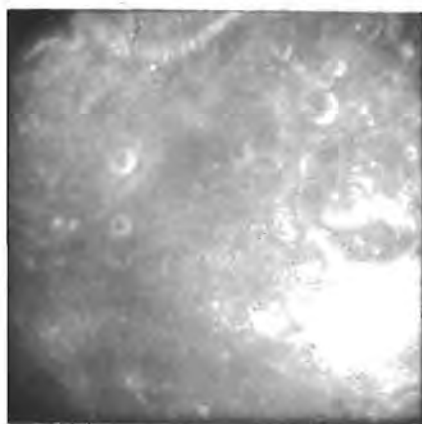
AS12- 55-8197



AS12- 55-8198



AS12-55-8199



AS12-55-8200



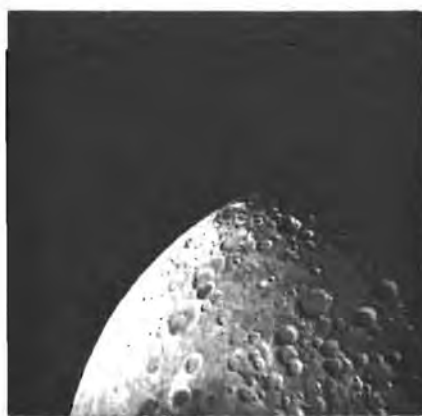
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AS12-55-8202



AS12-55-8203



AS12-55-8204



AS12- 55-8205



AS12- 55-8206



AS12- 55-8207



AS12- 55-8208



AS12- 55-8209



AS12- 55-8210



AS12-55-8211



AS12-55-8212



AS12-55-8213



AS12-55-8214



AS12-55-8215



AS12-55-8216



AS12-55-8217



AS12-55-8218



AS12-55-8219



AS12-55-8220



AS12-55-8221



AS12-55-8222



AS12-55-8223



AS12-55-8224



AS12-55-8225



AS12-55-8226



AS12-55-8227



AS12-55-8228



AS12-55-8229



AS12-55-8230



AS12-55-8231



AS12-55-8232



AS12-55-8233



AS12-55-8234



AS12-55-8235



AS12-55-8236



AS12-55-8237



AS12-55-8238



AS12-55-8239



AS12-55-8240



AS12-55-8241



AS12-55-8242



AS12-55-8243



AS12-55-8244



AS12-55-8245



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AS12-55-8248



AS12-55-8249



AS12-55-8250



AS12-55-8251



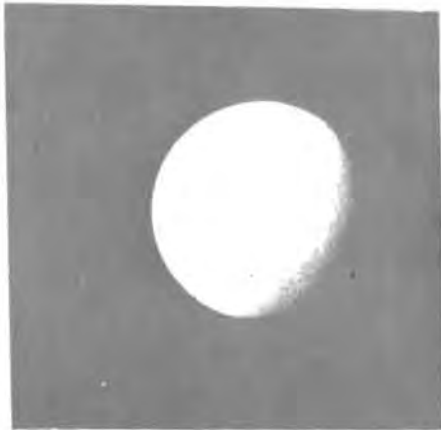
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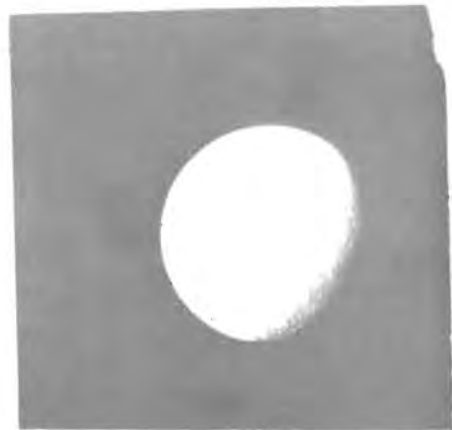
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AS12-55-8257



AS12-55-8258



AS12-55-8259



AS12-55-8260



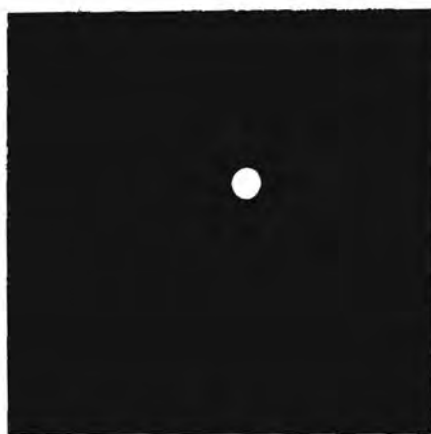
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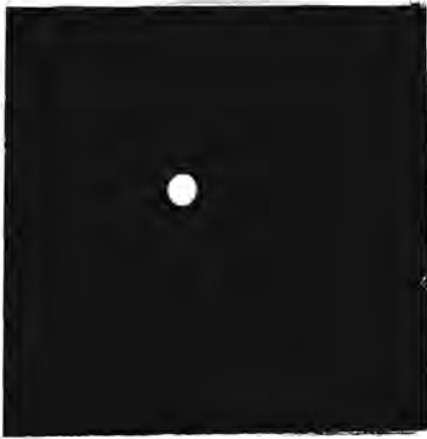
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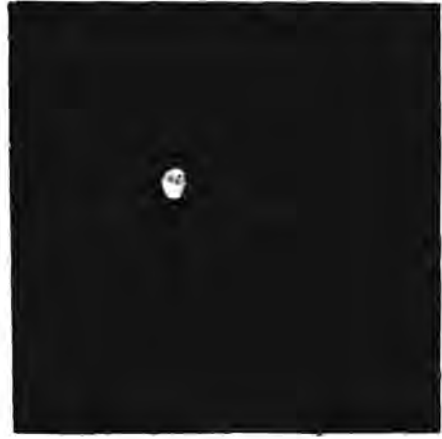
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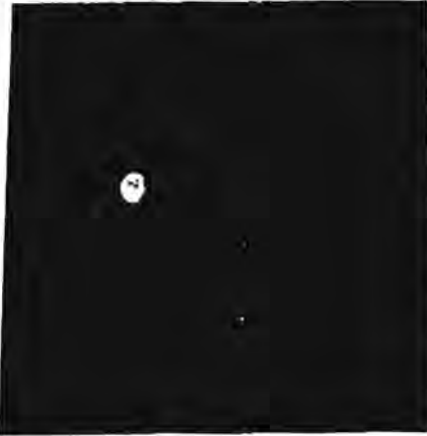
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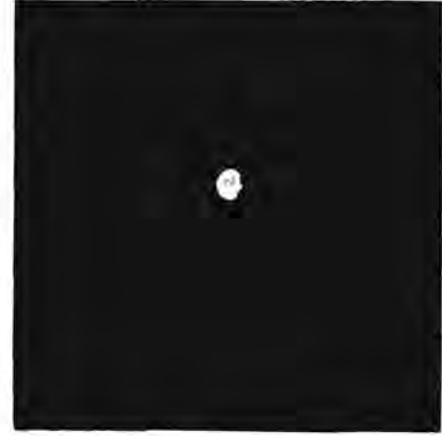
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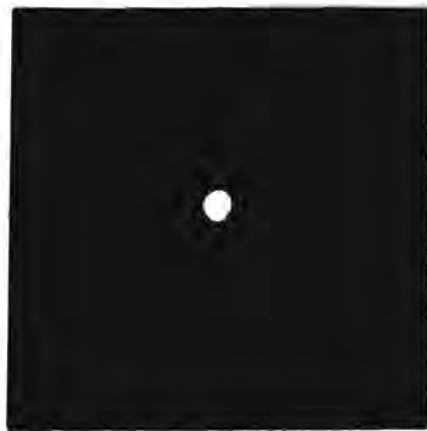
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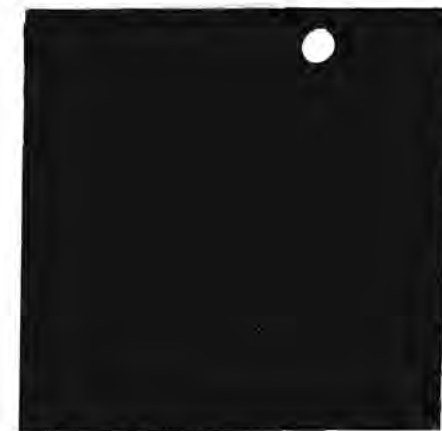
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AS12-55-8268



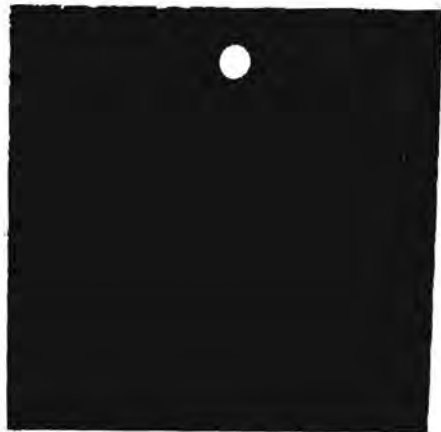
AS12-55-8269



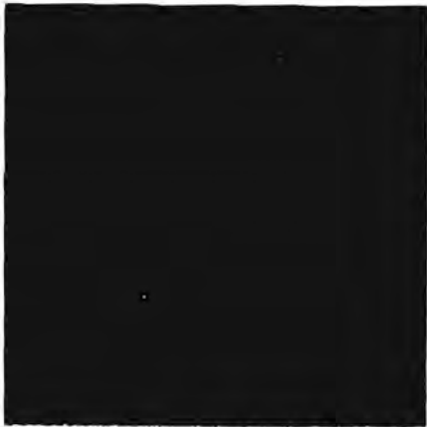
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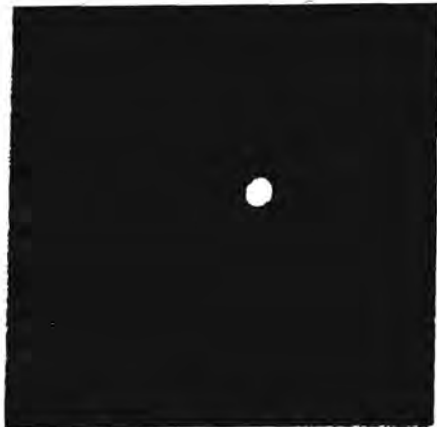
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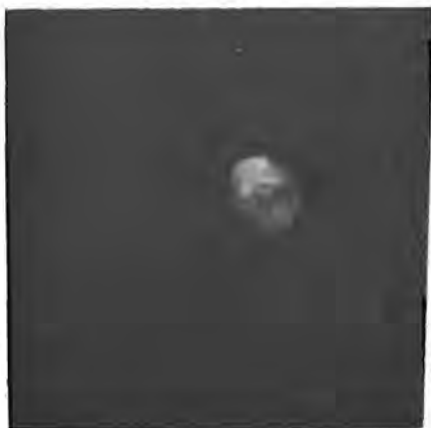
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AS12-55-8275



AS12-55-8276



AS12- 55-8277



AS12- 55-8278



AS12- 55-8279



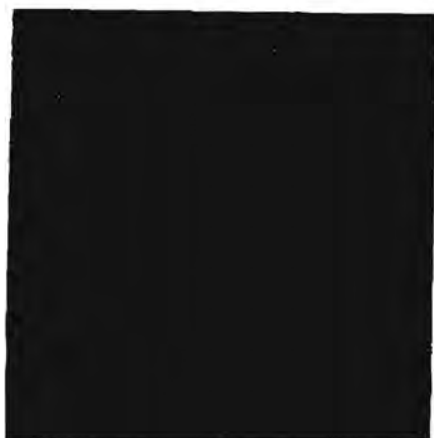
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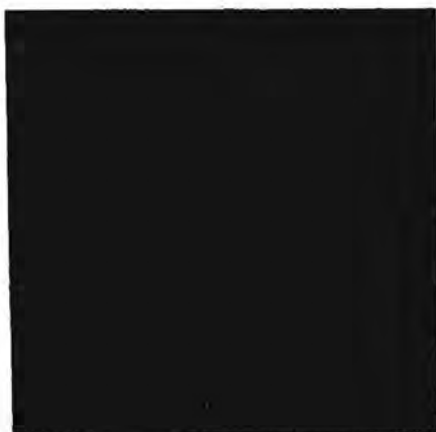
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AS12- 55- 8282



AS12-55-8283



AS12-55-8284



AS12-55-8285



AS12-55-8286



AS12-55-8287



AS12-55-8288



AS12- 55-8289



AS12- 55-8290



AS12- 55-8291



AS12- 55-8292



AS12- 55-8293



AS12- 55-8294



AS12-55-8295



AS12-55-8296

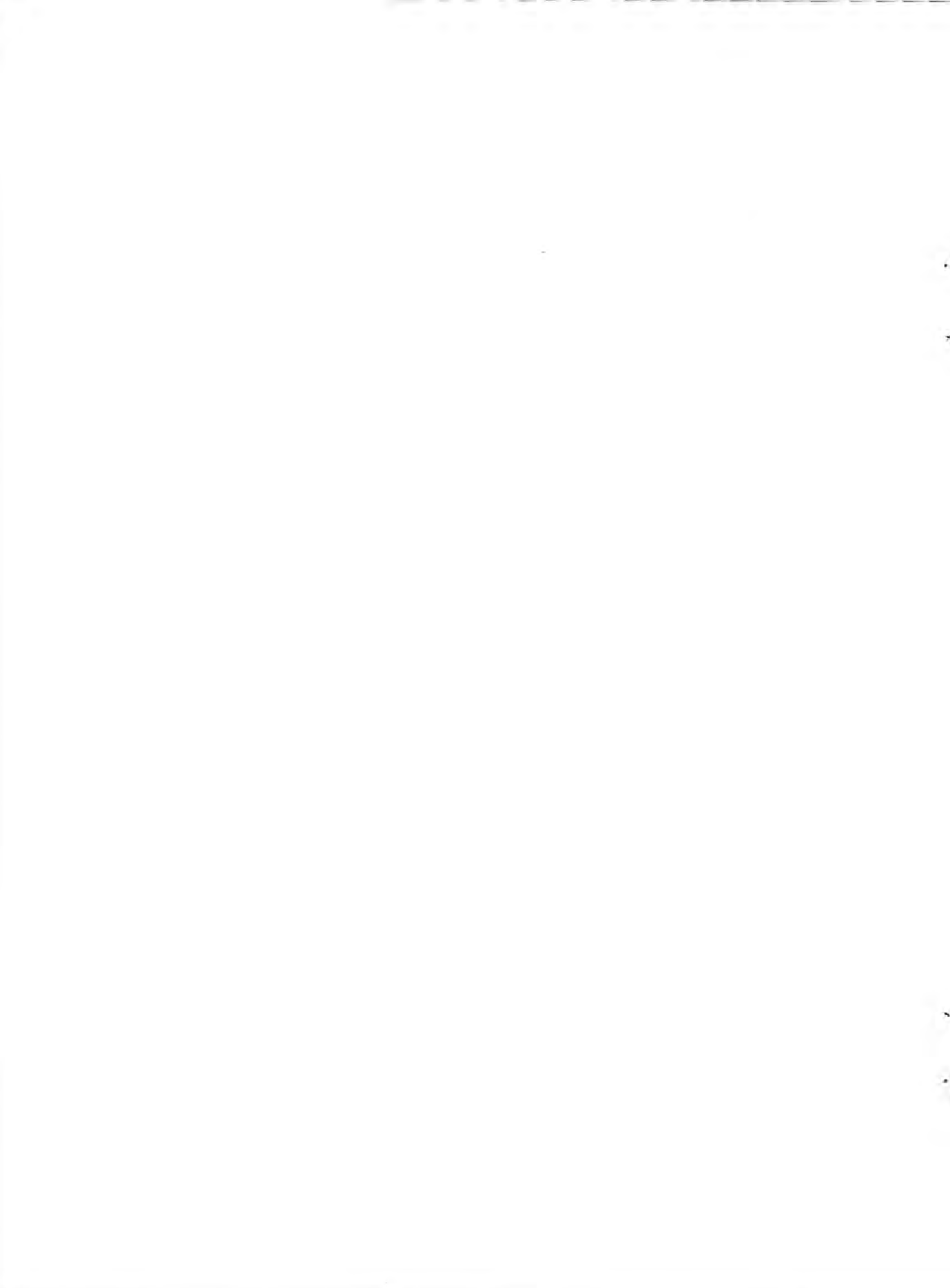


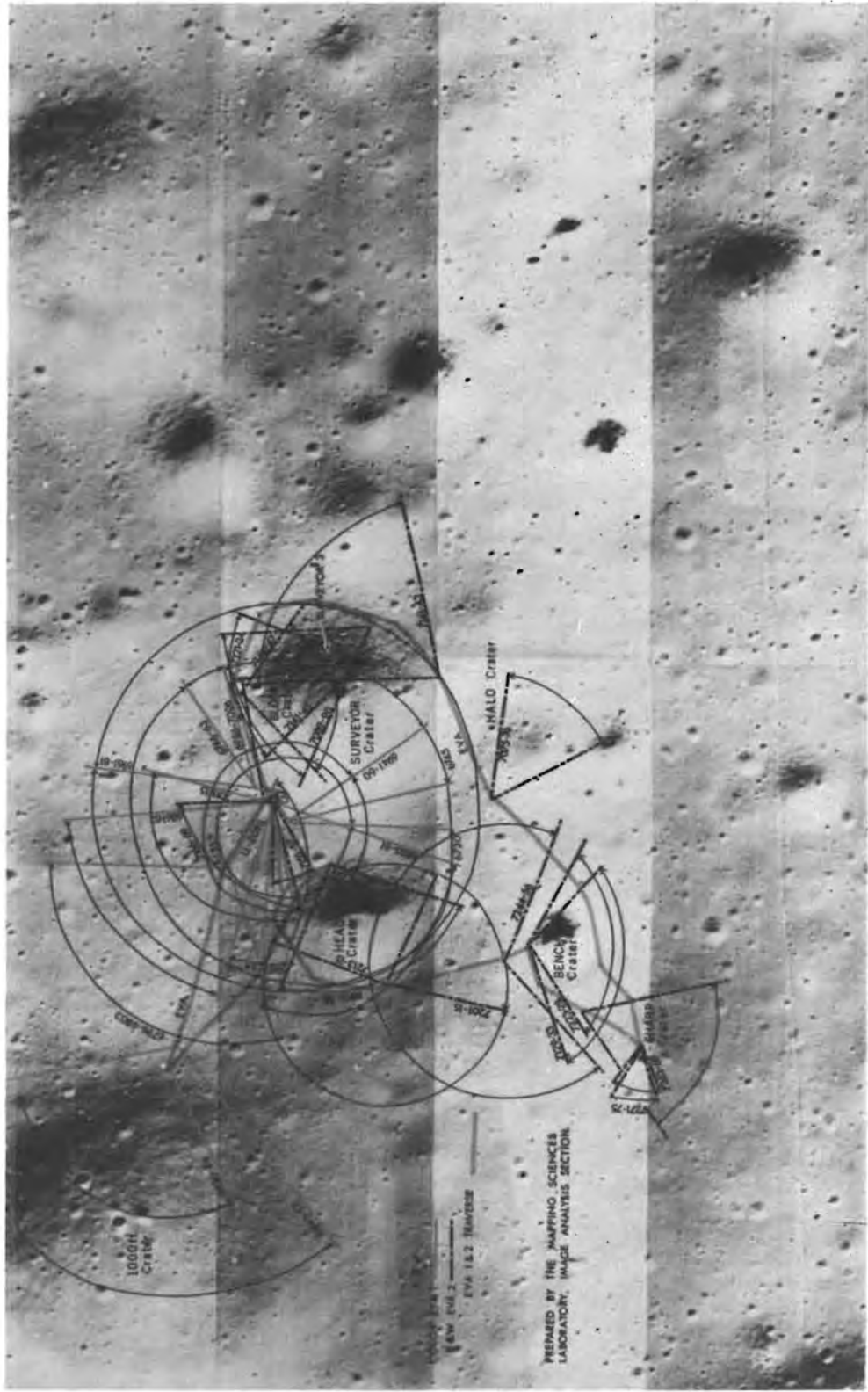
AS12-55-8297

APOLLO 12 PANORAMAS

The following frames are included in each unrectified panorama mosaic:

AS12-46-6730 thru 6745
AS12-46-6764 thru 6782
AS12-46-6746 thru 6763
AS12-46-6796 thru 6805
AS12-46-6853 thru 6855
AS12-46-6861 thru 6864
AS12-46-6845 thru 6852
AS12-46-6836 thru 6844
AS12-47-6941 thru 6960
AS12-47-6961 thru 6981
AS12-47-7012 thru 7015
AS12-48-7166 thru 7169
AS12-48-7031 thru 7032
AS12-48-7056 thru 7058
AS12-48-7101 thru 7105
AS12-48-7144 thru 7147
AS12-48-7263 thru 7269
AS12-48-7141 thru 7143
AS12-48-7155 thru 7157
AS12-49-7209 thru 7212
AS12-49-7229 thru 7233
AS12-49-7223 thru 7228
AS12-49-7244 thru 7256
AS12-49-7259 thru 7262
AS12-49-7271 thru 7275
AS12-49-7293 thru 7304
AS12-49-7201 thru 7207
AS12-49-7308 thru 7311





Apollo 12 Panoramas



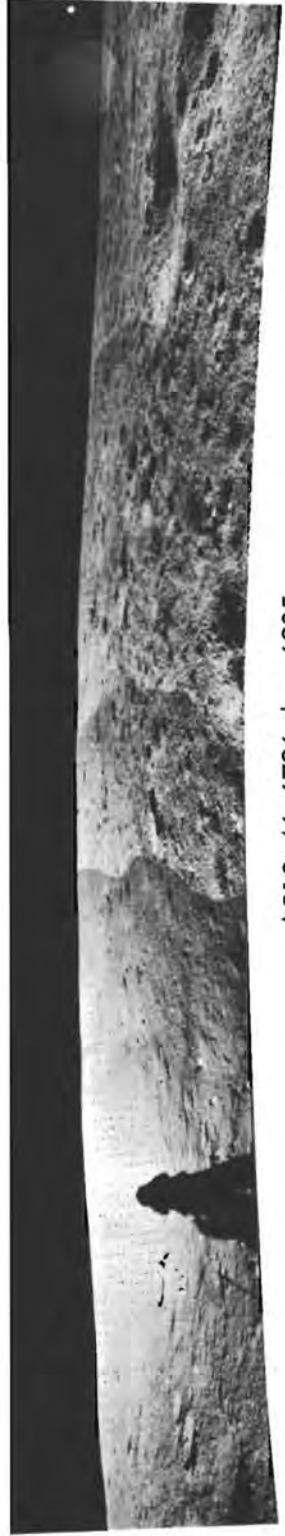
AS12-46-6730 thru 6745



AS12-46-6764 thru 6782



AS12-46-6746 thru 6763



AS12-46-6796 thru 6805



AS12-46-6853 thru 6855



AS12-46-6861 thru 6864



AS12-46-6845 thru 6852



AS12-46-6836 thru 6844



AS12-47-6941 thru 6960



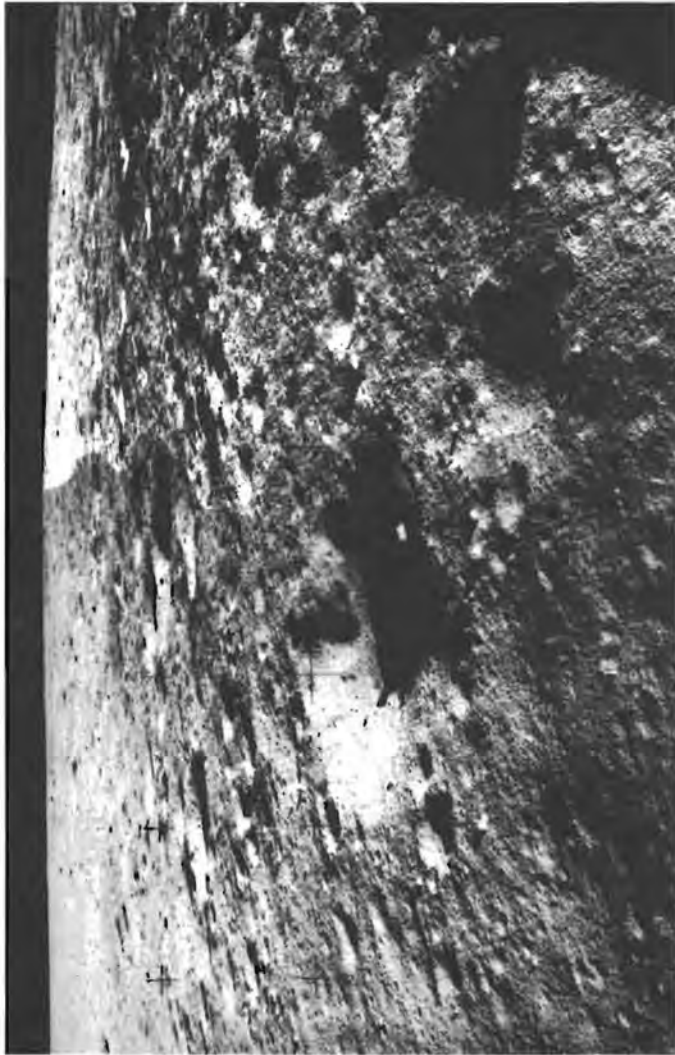
AS12-47-6961 thru 6981



AS12-47-7012 thru 7015



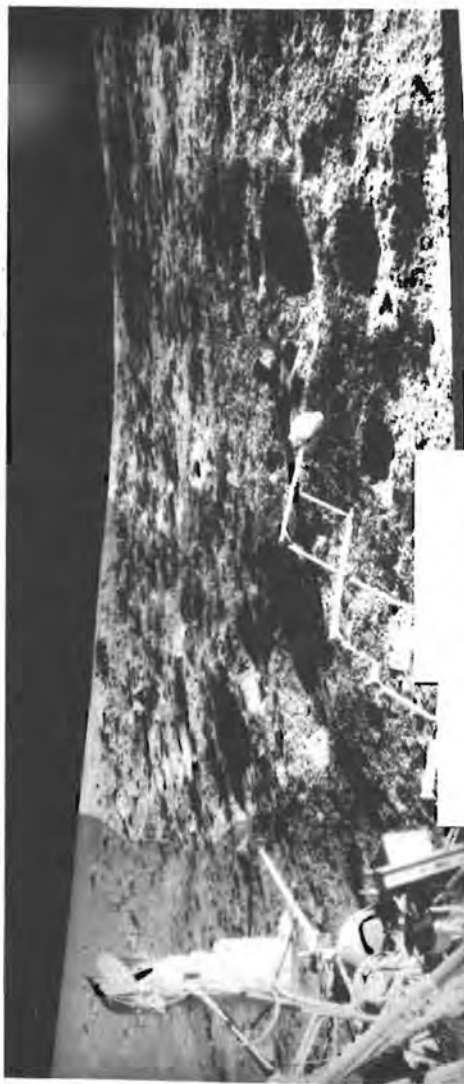
AS12-48-7166 thru 7169



AS12-48-7031 thru 7032



AS12-48-7056 thru 7058



AS12-48-7101 thru 7105



AS12-48-7144 thru 7147



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AS12-48-7141 thru 7143



AS12-48-7155 thru 7157



AS12-49-7209 thru 7212



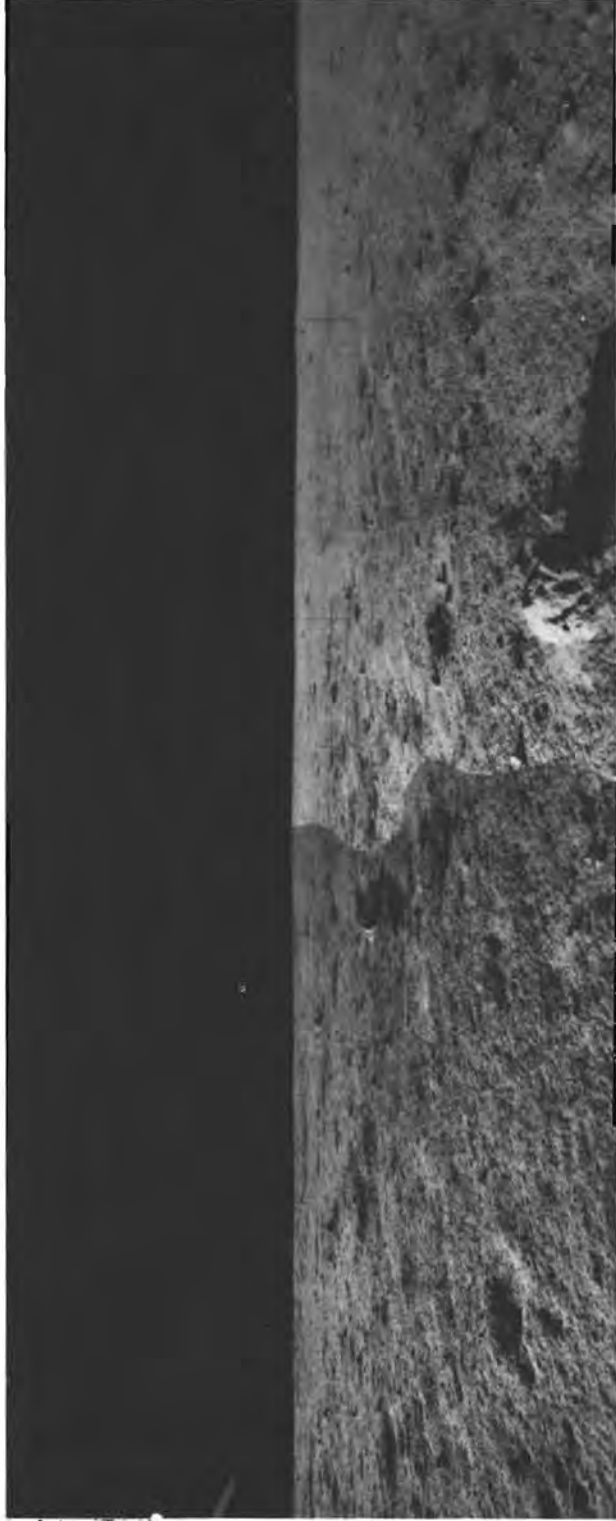
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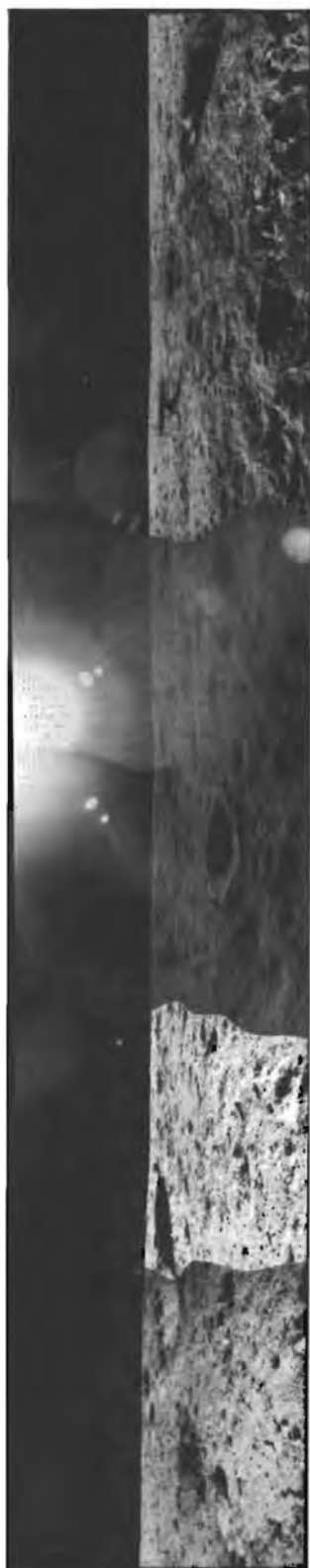
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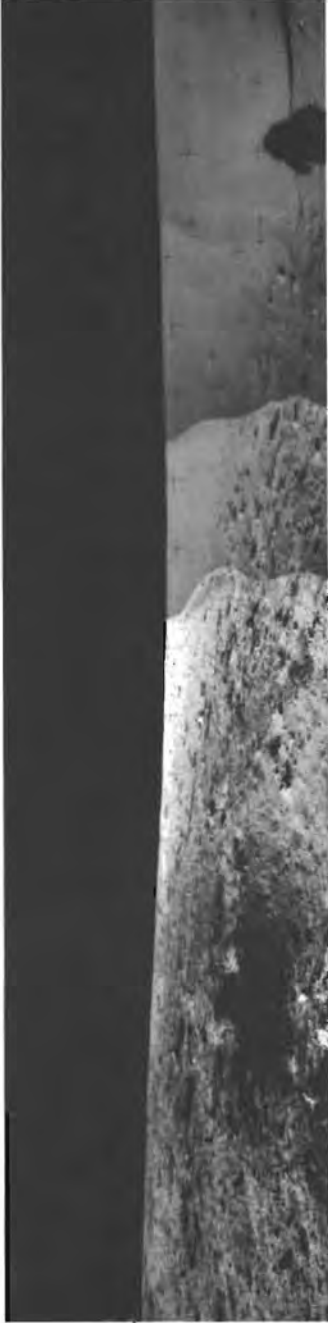
AS12-49-7259 thru 7262



AS12-49-7271 thru 7275



AS12-49-7293 thru 7304



AS12-49-7201 thru 7207



AS12-49-7308 thru 7311