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NSSDC/WDC-A-R&S-76-02

DATA ANNOUNCEMENT BULLETIN

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NATIONAL SPACE SCIENCE DATA CENTER/
WORLD DATA CENTER A FOR POCKETS AND SATELLITES
Code 601

Goddard Space Flight Center • Greenbelt, Maryland 20771

STATUS OF AVAILABILITY OF LUNAR ORBITER TV PICTURE DATA
Supplement No. 1 to NSSDC 69-05 -

February 1976

INTRODUCTION

This *Data Announcement Bulletin* (DAB) describes the changes in availability of Lunar Orbiter picture data since the issuance of *Lunar Orbiter Photographic Data* (NSSDC 69-05) and explains the procedures for ordering these data. For details concerning picture formats and available sizes and for ordering information about specific data sets described in NSSDC 69-05, refer to that document. A summary of availability of Lunar Orbiter picture and supporting data appears on page 4 of this DAB.

CAL TECH MICROFICHE

The National Space Science Data Center (NSSDC) has received enhanced TV pictures of Lunar Orbiter missions 1 through 5 from the Langley Research Center (LaRC)* on 4- x 6-in. (105- x 148-mm) microfiche.** For each mission, there are 15 microfiche cards of numerically arranged photographs. The normal frame position is designated "THIS PICTURE IS NOT AVAILABLE" if the frame was not enhanced. To enable the researcher to select the Lunar Orbiter pictures best suited for his study, the microfiche can be ordered as a complete catalog or by individual cards (by mission and frame number). Figure 1 shows a Lunar Orbiter microfiche card sample. These microfiche supersede the microfilm previously available.

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* NSSDC 69-05 and the microfiche use LRC for this abbreviation.

** Prepared by the Division of Geological and Planetary Sciences of the California Institute of Technology (Cal Tech).

SUPPORTING DATA

NSSDC no longer has Lunar Orbiter supporting data available as hardcopy. Supporting data can be supplied as one reel of 16-mm microfilm or as 10 microfiche cards. The researcher should indicate which form will more appropriately satisfy his needs. Figure 2 shows a microfiche sample of the Lunar Orbiter 1 supporting data which also are displayed on microfilm in exactly the same manner. Each frame has mission and frame numbers indicated. Figure 3 is an enlarged frame from the microfiche sample of Lunar Orbiter 1 supporting data shown in Figure 2.

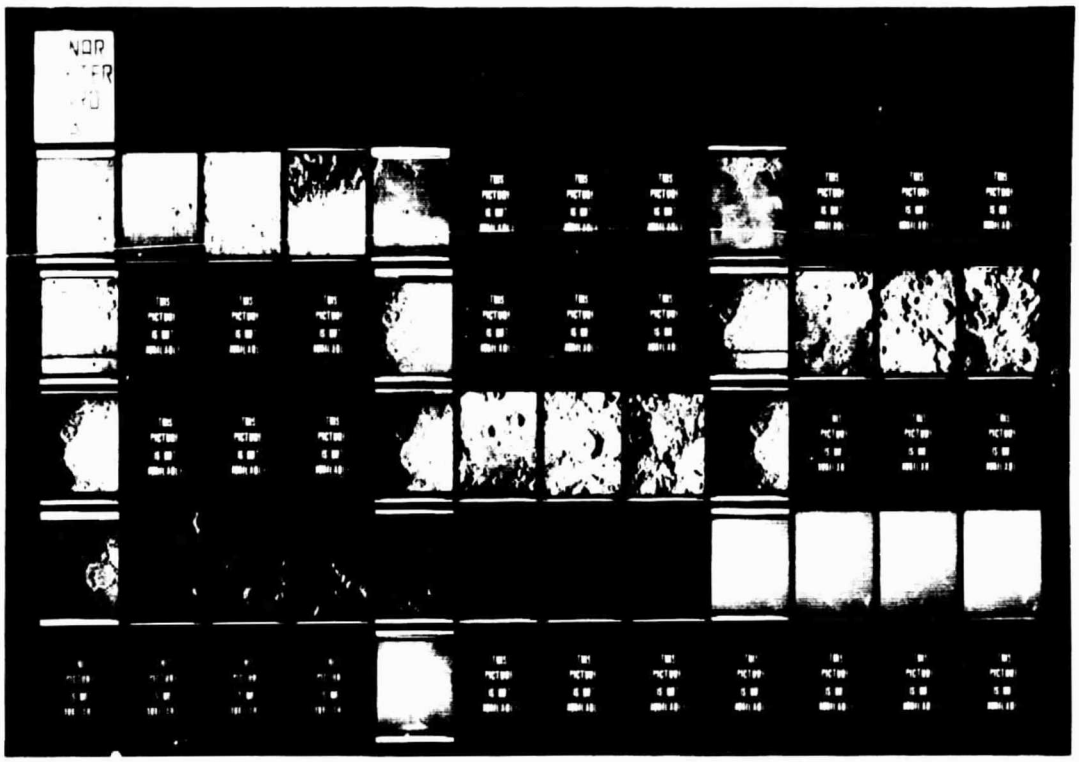

Figure 1. A Lunar Orbiter Microfiche Card Sample

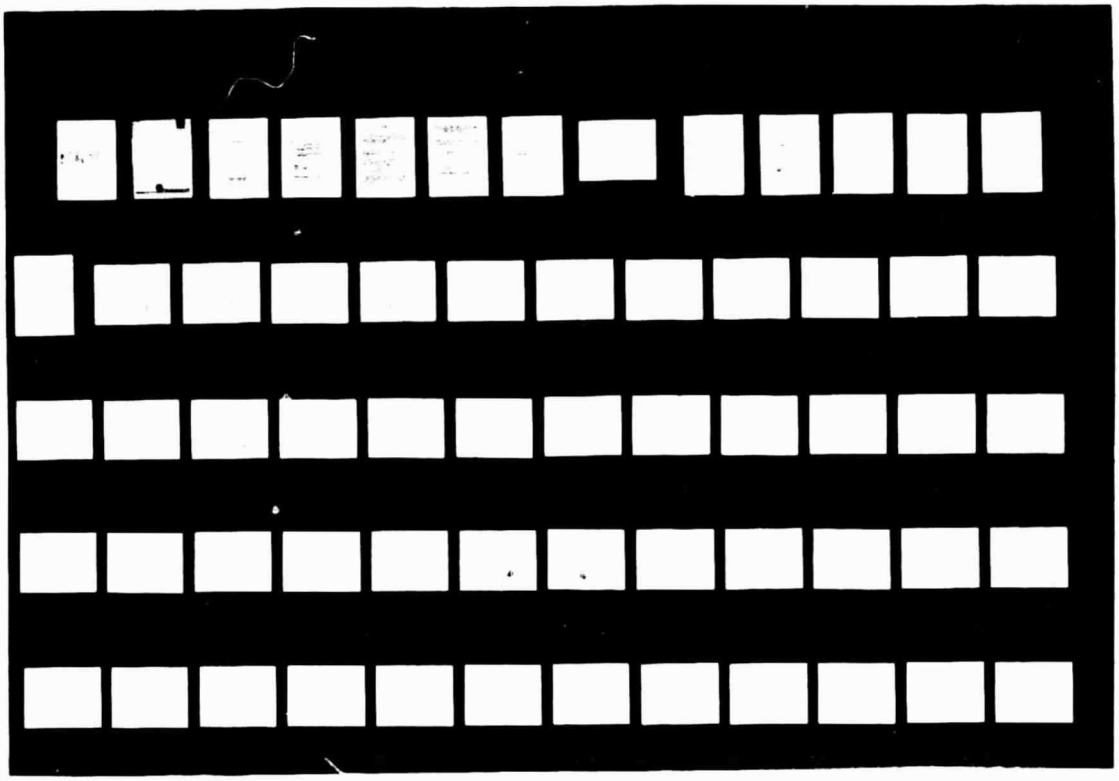

Figure 2. A Microfiche Sample of Lunar Orbiter 1 Supporting Data

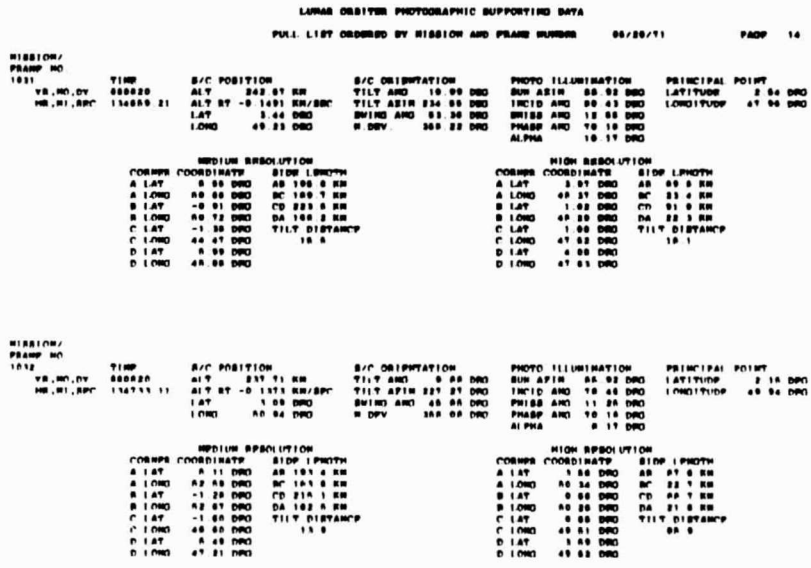

Figure 3. An Enlarged Frame from the Microfiche Sample in Figure 2

SUMMARY OF AVAILABILITY OF LUNAR ORBITER PICTURE AND SUPPORTING DATA

Format of Available Data	Availability
Boeing Enhancements	Data superseded by LaRC enhancements.
Kodak Subframes	Data superseded by LaRC enhancements.
AMS Enhancements	Data superseded by LaRC enhancements.
LaRC Enhancements	NSSDC can respond to requests.
35-mm Framelets	NSSDC can respond to requests.
35-mm Microfilm	Data superseded by Cal Tech microfiche.
Cal Tech Microfiche	NSSDC can respond to requests.
Microfilm Supporting Data	NSSDC can respond to requests.
Microfiche Supporting Data	NSSDC can respond to requests.

ORDERING PROCEDURES

When ordering microfiche, the researcher should specify which Lunar Orbiter mission or missions he requires. If he desires only selected cards, he needs to provide the mission and frame numbers for processing.

The Lunar Orbiter photographic data order form enclosed with this DAB is provided for the requester's convenience. All parts of the form must be completed to assure satisfactory request fulfillment. All required items should be identified in a single order to expedite the processing of the request. A copy of the "Charge and Service Policy" for dissemination of data from the National Space Science Data Center is included for the requester's guidance.

NSSDC requires knowledge of the scientific purpose for which the data provided will be used; therefore, a statement to this effect should be included in each request. NSSDC would also appreciate receiving copies of all publications resulting from studies in which data supplied by NSSDC have been used. It is further requested that NSSDC be acknowledged as the source of the data in all publications resulting from use of the data provided.

Researchers may view the Lunar Orbiter pictures at NSSDC. United States researchers should address inquiries about or requests for pictures to:

National Space Science Data Center
Code 601.4
Goddard Space Flight Center
Greenbelt, Maryland 20771
Telephone: (301) 982-6695

Researchers outside the United States should direct their requests to:

World Data Center A for Rockets and Satellites
Code 601
Goddard Space Flight Center
Greenbelt, Maryland 20771 U.S.A.

NATIONAL SPACE SCIENCE DATA CENTER

Charge and Service Policy

The purpose of the National Space Science Data Center (NSSDC) is to provide data and information from space flight scientific experiments in support of additional studies beyond those performed by the principal investigators. Therefore, NSSDC will provide data and information upon request to any researcher or organization resident in the United States. In addition, the same services are available to researchers outside the United States through the World Data Center A for Rockets and Satellites (WDC-A-R&S). Normally, a charge is made for the requested data to cover the cost of reproduction and the processing of the request. The researcher will be notified of the cost, and payment must be received prior to processing the request. However, as resources permit, the Director of NSSDC/WDC-A-R&S may waive the charge for modest amounts of data for use in scientific studies or specific educational purposes when they are requested by a researcher affiliated with:

- NASA installations, NASA contractors, or NASA grantees
- Other United States Government agencies, their contractors, or their grantees
- Universities or colleges
- State and local governments
- Nonprofit organizations