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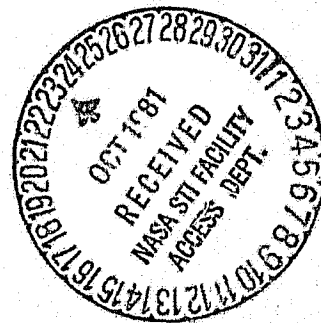


National Space Science Data Center/
World Data Center A For Rockets and Satellites

Data Users Note

Lunar Maps Available From NSSDC

August 1981



DATA USERS NOTE

LUNAR MAPS AVAILABLE FROM NSSDC

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August 1981

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World Data Center A for Rockets and Satellites (WDC-A-R&S)
National Aeronautics and Space Administration
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Greenbelt, Maryland 20771

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PREFACE

This document is intended to provide for the identification and a brief description of the type of maps available from the National Space Science Data Center/World Data Center A for Rockets and Satellites (NSSDC/WDC-A-R&S) for the support of lunar and comparative planetology scientific investigations. Information on other sources of maps useful to planetologists is included. Procedures for obtaining available lunar maps from NSSDC/WDC-A-R&S and an order form can be found at the back of this document.

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I. INTRODUCTION

This document is divided into four sections by increasing map scale. The parameters listed are the name, scale, date of edition, the four corner coordinates of each map, and the NSSDC ID. The maps are sorted by name. The NSSDC ID is similar to that assigned by the originating agency with the addition of the scale where possible. An "S" in the ID indicates the map was made for a specific site. Those not familiar with the numbering system used in lunar mapping can obtain Lunar Map Index-1, LMI-1 (See page 2). The corner coordinates for selenographic longitude are in degrees east. Selenographic latitude is expressed with a "+" for degrees north or a "-" for degrees south.

II. LUNAR MAPS COVERING LARGE AREAS

Maps of large areas of the lunar surface are available in scales from 1:25,000,000 to 1:5,000,000 (25M to 5M). Included in this group is the LMI-1 (Lunar Map Index-1) map which provides information on the Apollo mapping coverage of the lunar surface. The LMP (Lunar Earthside, Farside, and Polar Charts) series provides complete lunar coverage. Only the Farside Chart is available currently. The LPC-1 (Lunar Chart-1) map, which has the entire surface on one sheet, is based on the data from the LMP series. Equatorial regions are available in the LP21EQZ (lunar planning, equatorial zone) mosaic series.

LUNAR MAPS AVAILABLE FROM NSSDC

DATE 05/29/81

MAP NAME	SCALE	EDITION DATE	UPPERLEFT LONG	UPPERLEFT LAT	UPPERRIGHT LONG	UPPERRIGHT LAT	LOWERRIGHT LONG	LOWERRIGHT LAT	LOWERLEFT LONG	LOWERLEFT LAT	MAP ID
APOLLO PHOTO AND MAP INDEX	005M	1980	290	+40	210	+40	210	+40	290	-40	LMI-1
EARTH SIDE (LEMC)	025M	1969	040	+15	040	+15	040	-15	040	-15	LP21EQZM1
LPC-1	010M	1979									LPC-1
LUNAR EQUATORIAL ZONE MOSAIC	005M	1969	140	+15	140	+15	140	-15	140	-15	LP21EQZN31
LUNAR EQUATORIAL ZONE MOSAIC	005M	1969	130	+15	050	+15	050	-15	130	-15	LP21EQZN41
LUNAR EQUATORIAL ZONE MOSAIC	005M	1969	050	+15	130	+15	130	-15	050	-15	LP21EQZN21
LUNAR FANSIDE CHART	005M	1976	050	+50	280	+50	280	-50	050	-50	LMP-2

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III. LUNAR MAPS COVERING INTERMEDIATE AREAS

Topographic coverage of the lunar surface at a scale of 1:1,000,000 (1M) is available from the LM (Lunar Map) series. These were produced to replace the LAC (Lunar Astronomical Charts; not available from NSSDC) based on Earth telescope observations with Lunar Orbit information. The LSR (Lunar Shaded Relief) series maps have the same coverage as the LM's but include shaded relief. Only selected areas are currently available.

LUNAR MAPS AVAILABLE FROM NSSDC

DATE 05/29/81

MAP NAME	SCALE	EDITION DATE	UPPERLEFT LONG	UPPERLEFT LAT	UPPERRIGHT LONG	UPPERRIGHT LAT	LOWERRIGHT LONG	LOWERRIGHT LAT	LOWERLEFT LONG	LOWERLEFT LAT	MAP ID
ARISTARCHUS	001M	1979	310	+32	330	+32	330	+16	310	+16	LSR-039
ARISTARCHUS	001M	1979	310	+32	330	+32	330	+16	310	+16	LM-039
JULIUS CAESAR	001M	1978	010	+16	030	+16	030	+00	010	+00	LM-060
JULIUS CAESAR	001M	1978	010	+16	030	+16	030	+00	010	+00	LSR-060
MARE SERENITATIS	001M	1976	010	+32	030	+32	030	+16	010	+16	LM-042
MARE SERENITATIS	001M	1976	010	+32	030	+32	030	+16	010	+16	LSR-042
MARE UNDARUM	001M	1978	050	+16	070	+16	070	+00	050	+00	LM-062
MONTES APENNINUS	001M	1976	350	+32	010	+32	010	+16	350	+16	LM-041
MONTES RIPHAeus	001M	1980	330	+00	350	+00	350	-16	330	-16	LSR-076
O'DAY	001M	1978	150	-16	170	-16	170	-32	150	-32	LM-103
PTOLEMAEUS	001M	1978	030	+00	010	+00	010	-16	030	-16	LM-077
SELEUCUS	001M	1979	290	+32	310	+32	310	+16	290	+16	LM-038
THEOPHILUS	001M	1978	010	+00	030	+00	030	-16	010	-16	LM-078
THEOPHILUS	001M	1978	010	+00	030	+00	030	-16	010	-16	LSR-078
VAN DE GRAEFF	001M	1978	170	-16	190	-16	190	-32	170	-32	LM-104
VAN DE GRAEFF	001M	1978	170	-16	190	-16	190	-32	170	-32	LSR-104

IV. LUNAR MAPS COVERING SMALL AREAS

Maps at a scale of 1:250,000 (250K) were made in two series. The Lunar Topographic Orthophotomap (LTO) and the Lunar Orthophotomap (LO) series. These maps are identical except for the superposition of topographic lines in the LTO series.

MAP NAME	SCALE	EDITION DATE	UPPERLEFT LONG	UPPERLEFT L/T	UPPERRIGHT LONG	UPPERRIGHT LAT	LOWERLEFT LONG	LOWERLEFT LAT	MAP ID
ABBOT	250K	1974	050	+12	055	+68	055	+84	L062B1250
ABBOT	250K	1974	050	+08	055	+02	055	+84	LT062B1250
ABUL WAFI	250K	1974	115	+04	120	+04	120	+00	L065D3250
ABUL WAFI	250K	1974	115	+04	120	+04	120	+00	L065D3250
ACOSTA	250K	1975	060	-04	065	-04	065	-08	L08004250
ACOSTA	250K	1974	060	-04	065	-04	065	-08	L08004250
AITKEN AUSTRALIS	250K	1976	170	-16	175	-16	175	-20	LT0104A1250
AITKEN AUSTRALIS	250K	1976	170	-16	175	-16	175	-20	LT0104A1250
AITKEN BOREALIS	250K	1976	170	-12	175	-12	175	-16	LT026D4250
AITKEN BOREALIS	250K	1976	170	-12	175	-12	175	-16	LT026D4250
AL-MARRAKUSHI	250K	1974	055	-08	060	-08	060	-12	L088D2250
AL-MARRAKUSHI	250K	1974	055	-08	060	-08	060	-12	L088D2250
AL-BATEGNIUS	250K	1974	000	-08	005	-08	005	-12	LT077C1250
AL-BATEGNIUS	250K	1974	000	-08	005	-08	005	-12	LT077C1250
ALFRAGANUS	250K	1977	015	-04	020	-04	020	-08	LT078A3250
ALFRAGANUS	250K	1977	015	-04	020	-04	020	-08	LT078A3250
AMEGHINO	250K	1974	015	+04	020	+04	020	+08	L078A3250
AMEGHINO	250K	1974	015	+04	020	+04	020	+08	L078A3250
AMONIUS	250K	1974	055	+04	060	+04	060	+08	LT062D3250
AMONIUS	250K	1974	055	+04	060	+04	060	+08	LT062D3250
AMONTONS	250K	1974	355	-08	360	-08	360	-12	LT077D2250
AMONTONS	250K	1974	355	-08	360	-08	360	-12	LT077D2250
AMONTONS	250K	1974	045	-04	050	-04	050	-08	L079B3250
AMONTONS	250K	1974	045	-04	050	-04	050	-08	L079B3250
ANDEL	250K	1974	010	-08	015	-08	015	-12	LT078D1250
ANDEL	250K	1974	010	-08	015	-08	015	-12	LT078D1250
AMRONOV	250K	1974	145	-20	150	-20	150	-24	L078D1250
AMRONOV	250K	1974	145	-20	150	-20	150	-24	L078D1250
ANUSTROM	250K	1973	315	+32	320	+32	320	+28	L0102B3250
ANUSTROM	250K	1973	315	+32	320	+32	320	+28	L0102B3250
ANVILLE	250K	1974	045	+04	050	+04	050	+08	L039A2250
ANVILLE	250K	1974	045	+04	050	+04	050	+08	L039A2250
ARSIHOVICH	250K	1974	320	+28	325	+28	325	+24	L061C3250
ARSIHOVICH	250K	1974	320	+28	325	+28	325	+24	L061C3250
ARYABHATA	250K	1980	035	+08	040	+08	040	+08	L039B4250
ARYABHATA	250K	1980	035	+08	040	+08	040	+08	L039B4250
ARYABHATA	250K	1980	035	+08	040	+08	040	+08	L061D2250
ARYABHATA	250K	1980	035	+08	040	+08	040	+08	L061D2250
AUWERS	250K	1974	015	+16	020	+16	020	+12	L068A2250
AUWERS	250K	1974	015	+16	020	+16	020	+12	L068A2250
AUZOUT	250K	1974	060	+12	065	+12	065	+08	LT060A2250
AUZOUT	250K	1974	060	+12	065	+12	065	+08	LT060A2250
BABAKIN	250K	1974	120	-20	125	-20	120	-24	L062B4250
BABAKIN	250K	1974	120	-20	125	-20	120	-24	L062B4250
BABAKIN	250K	1975	120	-20	125	-20	120	-24	LT0104A250
BABAKIN	250K	1975	120	-20	125	-20	120	-24	LT0104A250
BANACHIEWICZ NW	250K	1980	075	+08	080	+08	075	+04	LT0104A250
BANACHIEWICZ NW	250K	1980	075	+08	080	+08	075	+04	LT0104A250
BANTING	250K	1980	075	+08	080	+08	075	+04	L063D2250
BANTING	250K	1980	075	+08	080	+08	075	+04	L063D2250
BANTING	250K	1974	015	+28	020	+28	020	+24	L063D2250
BANTING	250K	1974	015	+28	020	+28	020	+24	L063D2250
BARKALA	250K	1977	065	-08	070	-08	070	-12	LT042A1250
BARKALA	250K	1977	065	-08	070	-08	070	-12	LT042A1250
BEER	250K	1977	065	-08	070	-08	070	-12	L080C2250
BEER	250K	1977	065	-08	070	-08	070	-12	L080C2250
BEER	250K	1974	350	+28	355	+28	355	+24	LT041A250
BEER	250K	1974	350	+28	355	+28	355	+24	LT041A250
BERGMAN	250K	1974	350	+28	355	+28	355	+24	LT041A250
BERGMAN	250K	1974	350	+28	355	+28	355	+24	LT041A250
BERGMAN	250K	1974	135	+08	140	+08	140	+04	LT091A4250
BERGMAN	250K	1974	135	+08	140	+08	140	+04	LT091A4250
BESSEL	250K	1974	135	+08	140	+08	140	+04	LT066D2250
BESSEL	250K	1974	135	+08	140	+08	140	+04	LT066D2250
BESSEL	250K	1974	015	+24	020	+24	020	+20	L042B2250
BESSEL	250K	1974	015	+24	020	+24	020	+20	L042B2250
BILHARZ	250K	1974	055	-04	060	-04	060	-08	L0702B2250
BILHARZ	250K	1974	055	-04	060	-04	060	-08	L0702B2250
BILHARZ	250K	1974	055	-04	060	-04	060	-08	L080A3250
BILHARZ	250K	1974	055	-04	060	-04	060	-08	L080A3250
BOETHIUS	250K	1974	070	+08	075	+08	075	+04	L063D1250
BOETHIUS	250K	1974	070	+08	075	+08	075	+04	L063D1250

MAP NAME	SCALE	EDITION DATE	UPPERLEFT LONG	UPPERLEFT LAT	UPPERRIGHT LONG	UPPERRIGHT LAT	LOWERLEFT LONG	LOWERLEFT LAT	LOWERRIGHT LONG	LOWERRIGHT LAT	MAP ID
BOETHIUS	250K	1974	070	+08	075	+08	075	+04	075	+04	LT06391250
BONPLAND	250K	1974	340	-08	345	-08	345	-12	345	-12	LT076C1250
BONPLAND	250K	1974	340	-08	345	-08	345	-12	345	-12	LT076C1250
BORN	250K	1976	065	-04	070	-04	078	-08	078	-08	LT088B3250
BORN	250K	1976	065	-04	070	-04	078	-08	078	-08	LT088B3250
BOWEN	250K	1974	005	+20	010	+20	010	+16	010	+16	LT041C3250
BOWEN	250K	1975	005	+20	010	+20	010	+16	010	+16	LT041C3250
BRACKETT	250K	1974	020	+20	025	+20	025	+16	025	+16	LT042C4250
BRACKETT	250K	1974	020	+20	025	+20	025	+16	025	+16	LT042C4250
BRAYLEY	250K	1975	320	+24	325	+24	325	+20	325	+20	LT039C1250
BRAYLEY	250K	1975	320	+24	325	+24	325	+20	325	+20	LT039C1250
BRUNNER	250K	1973	090	-08	095	-08	095	-12	095	-12	LT029D1250
BRUNNER	250K	1973	090	-08	095	-08	095	-12	095	-12	LT029D1250
BRUNNER	250K	1973	090	-08	095	-08	095	-12	095	-12	LT029D1250
CAJAL	250K	1974	030	+16	035	+16	035	+12	035	+12	LT061A1250
CAJAL	250K	1974	030	+16	035	+16	035	+12	035	+12	LT061A1250
CAMERON	250K	1974	045	+08	050	+08	050	+04	045	+04	LT061C2250
CAMERON	250K	1974	045	+08	050	+08	050	+04	045	+04	LT061C2250
CAPELLA	250K	1974	035	-04	040	-04	040	-08	035	-08	LT079A3250
CAPELLA	250K	1974	035	-04	040	-04	040	-08	035	-08	LT079A3250
CARMICHAEL	250K	1974	040	+20	045	+20	045	+16	040	+16	LT043C4250
CARMICHAEL	250K	1974	040	+20	045	+20	045	+16	040	+16	LT043C4250
CARMICHAEL	250K	1974	040	+20	045	+20	045	+16	040	+16	LT043C4250
CARRELL	250K	1977	025	+12	030	+12	030	+08	025	+08	LT060B3250
CARRELL	250K	1977	025	+12	030	+12	030	+08	025	+08	LT060B3250
CAUCHY	250K	1974	035	+12	040	+12	040	+08	035	+08	LT061A3250
CAUCHY	250K	1974	035	+12	040	+12	040	+08	035	+08	LT061A3250
CAUCHY	250K	1974	035	+12	040	+12	040	+08	035	+08	LT061A3250
CAVENTOU	250K	1974	330	+32	335	+32	335	+28	330	+28	LT040A1250
CAVENTOU	250K	1974	330	+32	335	+32	335	+28	330	+28	LT040A1250
CAVENTOU	250K	1974	330	+32	335	+32	335	+28	330	+28	LT040A1250
CENSORINUS	250K	1969	031	+01	035	+01	035	-02	031	-01	LP510551250
CENSORINUS	250K	1969	031	+01	035	+01	035	-02	031	-01	LP510551250
CHAPLYGIN	250K	1977	150	-04	155	-04	155	-08	150	-08	LT085A4250
CHAPLYGIN	250K	1977	150	-04	155	-04	155	-08	150	-08	LT085A4250
CHAPLYGIN	250K	1977	150	-04	155	-04	155	-08	150	-08	LT085A4250
CLEWKE	250K	1974	025	+24	030	+24	030	+20	025	+20	LT042C2250
CLEWKE	250K	1974	025	+24	030	+24	030	+20	025	+20	LT042C2250
CLEWKE	250K	1974	025	+24	030	+24	030	+20	025	+20	LT042C2250
CONDON	250K	1974	060	+04	065	+04	065	+00	060	+00	LT062C4250
CONDON	250K	1974	060	+04	065	+04	065	+00	060	+00	LT062C4250
CONDORCET	250K	1974	065	+16	070	+16	070	+12	065	+12	LT062B2250
CONDORCET	250K	1974	065	+16	070	+16	070	+12	065	+12	LT062B2250
CONDORCET SE	250K	1980	070	+12	075	+12	075	+08	070	+08	LT063A4250
CONDORCET SE	250K	1980	070	+12	075	+12	075	+08	070	+08	LT063A4250
CONDORCET SE	250K	1980	070	+12	075	+12	075	+08	070	+08	LT063A4250
CONDON	250K	1974	000	+24	005	+24	005	+24	000	+24	LT041C1250
CONDON	250K	1974	000	+24	005	+24	005	+24	000	+24	LT041C1250
COPERNICUS	250K	1971	021	+12	019	+12	019	+08	021	+08	LT05105537
COPERNICUS	250K	1971	021	+12	019	+12	019	+08	021	+08	LT05105537
CURTIS	250K	1974	055	+16	060	+16	060	+12	055	+12	LT062A2250
CURTIS	250K	1974	055	+16	060	+16	060	+12	055	+12	LT062A2250
CURTIS	250K	1974	055	+16	060	+16	060	+12	055	+12	LT062A2250
DA VINCI	250K	1973	040	+12	045	+12	045	+08	040	+08	LT061B4250
DA VINCI	250K	1973	040	+12	045	+12	045	+08	040	+08	LT061B4250
DAGUERRE	250K	1974	030	-08	035	-08	035	-12	030	-12	LT079B1250
DAGUERRE	250K	1974	030	-08	035	-08	035	-12	030	-12	LT079B1250
DAGUERRE	250K	1974	030	-08	035	-08	035	-12	030	-12	LT079B1250
DALY	250K	1974	055	+08	060	+08	060	+04	055	+04	LT062B2250
DALY	250K	1974	055	+08	060	+08	060	+04	055	+04	LT062B2250
DALY	250K	1974	055	+08	060	+08	060	+04	055	+04	LT062B2250
DANJON	250K	1974	120	-08	125	-08	125	-12	120	-12	LT083C1250
DANJON	250K	1974	120	-08	125	-08	125	-12	120	-12	LT083C1250
DANJON	250K	1974	120	-08	125	-08	125	-12	120	-12	LT083C1250
DAUBREE	250K	1973	010	+16	015	+16	015	+12	010	+12	LT068A1250
DAUBREE	250K	1973	010	+16	015	+16	015	+12	010	+12	LT068A1250
DAUBREE	250K	1973	010	+16	015	+16	015	+12	010	+12	LT068A1250

MAP NAME	SCALE	EDITION DATE	UPPERLEFT LONG	UPPERLEFT LAT	UPPERRIGHT LONG	UPPERRIGHT LAT	LOWERLEFT LONG	LOWERLEFT LAT	LOWERRIGHT LONG	LOWERRIGHT LAT	MAP ID
DAVY	250K	1974	350	-08	355	-08	355	-12	355	-12	LT07701250
DAVY	250K	1974	350	-08	355	-08	355	-12	355	-12	L07701250
DAVES	250K	1979	025	+20	030	+20	030	+16	025	+16	L042C3250
DAVES	250K	1975	025	+20	030	+20	030	+16	025	+16	L7042C3250
DELISLE	250K	1974	375	+32	330	+32	330	+28	335	+28	L03901250
DELPORTE	250K	1973	120	-12	125	-12	125	-16	120	-16	LT063C4250
DELPORTE	250K	1975	120	-12	125	-12	125	-16	120	-16	L083C4250
DESCARTES	250K	1974	015	-08	020	-08	020	-12	015	-12	LT07802250
DESCARTES	250K	1974	015	-08	020	-08	020	-12	015	-12	L07802250
DESEILLIGNY	250K	1974	020	+24	025	+24	025	+20	020	+20	L042C1250
DESEILLIGNY	250K	1974	020	+24	025	+24	025	+20	020	+20	LT042C1250
DESEILLIGNY	250K	1974	020	+24	025	+24	025	+20	020	+20	LT042C1250
DIOPHANTUS	250K	1974	325	+28	330	+28	330	+24	325	+24	L03901250
DIOPHANTUS	250K	1974	325	+28	330	+28	330	+24	325	+24	L03901250
DOBROVOLSKIJ	250K	1973	125	-12	130	-12	130	-16	125	-16	L083C3250
DOBROVOLSKIJ	250K	1975	125	-12	130	-12	130	-16	125	-16	L083C3250
DORSA LISTER	250K	1977	021	+19	023	+19	023	+18	021	+18	LP42C42250
DUBYAGO	250K	1974	065	+08	070	+08	070	+04	065	+04	L062C2250
DUBYAGO	250K	1974	065	+08	070	+08	070	+04	065	+04	L062C2250
ECKERT	250K	1974	055	+20	060	+20	060	+16	055	+16	L04401250
ECKERT	250K	1974	055	+20	060	+20	060	+16	055	+16	L04401250
EPPINGER	250K	1974	330	-08	335	-08	335	-12	330	-12	LT07601250
EPPINGER	250K	1974	330	-08	335	-08	335	-12	330	-12	LT07601250
ERRO	250K	1974	095	+08	100	+08	100	+04	095	+04	L06402250
ERRO	250K	1974	095	+08	100	+08	100	+04	095	+04	L06402250
EUCLIDES	250K	1961	327	-03	332	-03	332	-08	327	-08	LUMAR21250
EUCLIDES	250K	1976	330	+24	335	+24	335	+20	330	+20	L04001250
EJLER	250K	1976	330	+24	335	+24	335	+20	330	+20	L04001250
EULER	250K	1976	330	+24	335	+24	335	+20	330	+20	L04001250
FAHRENHEIT	250K	1974	060	+16	065	+16	065	+12	060	+12	L06201250
FAHRENHEIT	250K	1974	060	+16	065	+16	065	+12	060	+12	L06201250
FEDOROV	250K	1974	320	+32	325	+32	325	+28	320	+28	L03901250
FEDOROV	250K	1974	320	+32	325	+32	325	+28	320	+28	L03901250
FEDOROV	250K	1973	135	-20	134	-20	134	-24	135	-24	LT0182A250
FERRICUS	250K	1974	060	+08	065	+08	065	+04	060	+04	L062C1250
FERRICUS	250K	1974	060	+08	065	+08	065	+04	060	+04	L062C1250
FISCHER	250K	1974	140	+08	145	+08	145	+04	140	+04	LT066C1250
FISCHER	250K	1974	140	+08	145	+08	145	+04	140	+04	LT066C1250
FISCHER	250K	1974	140	+08	145	+08	145	+04	140	+04	L066C1250
FOX	250K	1974	095	+34	100	+34	100	+00	095	+00	L06403250
FOX	250K	1974	095	+34	100	+34	100	+00	095	+00	L06403250
FRANCK	250K	1974	035	+24	040	+24	040	+20	035	+20	L043C2250
FRANCK	250K	1974	035	+24	040	+24	040	+20	035	+20	L043C2250
FREUD	250K	1973	305	+28	310	+28	310	+24	305	+24	L03803250
FREUD	250K	1974	305	+28	310	+28	310	+24	305	+24	L03803250
FREUD	250K	1974	005	+24	010	+24	010	+20	005	+20	LC11C2250
GALEN	250K	1974	005	+24	010	+24	010	+20	005	+20	LT041C2250
GALEN	250K	1974	005	+24	010	+24	010	+20	005	+20	LT041C2250
GARSKIJ	250K	1973	095	-08	100	-08	100	-12	095	-12	L08202250
GARSKIJ	250K	1973	095	-08	100	-08	100	-12	095	-12	L08202250
GASSENDI SHEET A	250K	1971	042	-13	038	-13	038	-17	042	-17	LTM5105432A
GASSENDI SHEET B	250K	1971	042	-13	038	-13	038	-17	042	-17	LTM5105432B
GAUDIBERT	250K	1974	035	-08	040	-08	040	-12	035	-12	L07902250
GAUDIBERT	250K	1974	035	-08	040	-08	040	-12	035	-12	L07902250
GEIKIE	250K	1974	050	+00	055	+00	055	-04	050	-04	LT080A1250
GEIKIE	250K	1974	050	+00	055	+00	055	-04	050	-04	L080A1250

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GILBERT	250K	1974	075	+00	080	+00	080	-04	075	-04	L081A2250
GILBERT	250K	1974	075	+00	080	+00	080	-04	075	-04	L7081A2250
GLAISHER	250K	1974	045	+16	050	+16	050	+12	045	+12	L061B2250
GLAISHER	250K	1974	045	+16	050	+16	050	+12	045	+12	LT061B2250
GLAUBER	250K	1974	140	+12	145	+12	145	+08	140	+08	LT066B4250
GLAUBER	250K	1974	140	+10	145	+10	145	+08	140	+08	L066B4250
GLYDEN	250K	1977	000	-04	005	-04	005	-08	000	-08	LT077B4250
GLYDEN	250K	1977	000	-04	005	-04	005	-08	000	-08	L077B4250
GODDARD	250K	1976	085	+16	090	+16	090	+12	085	+12	L063B2250
GODDARD	250K	1976	085	+16	090	+16	090	+12	085	+12	LT063B2250
GODDARD	250K	1974	150	-16	155	-16	155	-20	150	-20	LT0103A1250
GRAVE	250K	1974	155	-16	155	-16	155	-20	150	-20	L0103A1250
GUERICKE	250K	1974	345	-08	350	-08	350	-12	345	-12	LT076C2250
GUERICKE	250K	1974	345	-08	350	-08	350	-12	345	-12	L076C2250
GUTENBERG	250K	1974	040	-04	045	-04	045	-08	040	-08	L079B4250
GUTENBERG	250K	1974	040	-04	045	-04	045	-08	040	-08	LT079B4250
GUYOT	250K	1974	115	+11	120	+11	120	+08	115	+08	L065A3250
GUYOT	250K	1974	115	+11	120	+11	120	+08	115	+08	LT065A3250
HADLEY	250K	1974	080	+00	085	+00	085	+24	080	+24	L041B4250
HALDANE	250K	1973	080	+00	085	+00	085	+24	080	+24	L041B4250
HALDANE	250K	1973	080	+00	085	+00	085	+24	080	+24	L041B4250
HALDANE	250K	1974	005	-08	010	-08	010	-12	005	-12	L081B1250
HALLEY	250K	1974	005	-08	010	-08	010	-12	005	-12	LT081B1250
HEAVISIDE	250K	1977	165	-08	170	-08	170	-12	165	-12	LT085C2250
HEAVISIDE	250K	1977	165	-08	170	-08	170	-12	165	-12	L085C2250
HEINRICH	250K	1974	340	+28	345	+28	345	+24	340	+24	L040B4250
HEINRICH	250K	1974	340	+28	345	+28	345	+24	340	+24	LT040B4250
HERSCHEL	250K	1977	355	-04	360	-04	360	-08	355	-08	L077A3250
HERSCHEL	250K	1977	355	-04	360	-04	360	-08	355	-08	LT077A3250
HILL	250K	1974	040	+24	045	+24	045	+20	040	+20	L043C1250
HILL	250K	1974	040	+24	045	+24	045	+20	040	+20	LT043C1250
HIPPARCHUS	250K	1971	003	-03	006	-03	006	-06	003	-06	LTW510S24
HIPPARCHUS	250K	1977	005	-04	010	-04	010	-08	005	-08	LT077B3250
HIPPARCHUS	250K	1977	005	-04	010	-04	010	-08	005	-08	LT077B3250
HIPPARCHUS	250K	1973	090	-04	095	-04	095	-08	090	-08	LT082A4250
HIRAYAMA	250K	1973	090	-04	100	-04	100	-08	090	-08	L082A4250
HIRAYAMA	250K	1974	010	+24	015	+24	015	+20	010	+20	L042B1250
HORNBY	250K	1974	010	+24	015	+24	015	+20	010	+20	LT042B1250
HOUTERMANS	250K	1973	085	-08	090	-08	090	-12	085	-12	L081C2250
HOUTERMANS	250K	1973	085	-08	090	-08	090	-12	085	-12	LT081C2250
HOUTERMANS	250K	1973	300	+32	305	+32	305	+28	300	+28	L038B1250
HUMASON	250K	1974	355	+24	360	+24	360	+20	355	+20	L041C250
HUXLEY	250K	1974	355	+24	360	+24	360	+20	355	+20	LT041C250
HUXLEY	250K	1974	020	-04	025	-04	025	-08	020	-08	LT078B4250
HYPATIA	250K	1974	020	-04	025	-04	025	-08	020	-08	L078B4250
HYPATIA	250K	1974	020	-04	025	-04	025	-08	020	-08	L078B4250
IBN HAYYAN	250K	1976	165	-12	170	-12	170	-16	165	-16	LT085C3250
IBN HAYYAN	250K	1976	165	-12	170	-12	170	-16	165	-16	L085C3250
ISAEV	250K	1974	145	-16	150	-16	150	-20	145	-20	LT0102B2250
ISAEV	250K	1974	145	-16	150	-16	150	-20	145	-20	LT0102B2250
ISIDORUS	250K	1974	030	-04	035	-04	035	-08	030	-08	LT079A4250
ISIDORUS	250K	1974	030	-04	035	-04	035	-08	030	-08	LT079A4250
JANSEN	250K	1974	025	+16	030	+16	030	+12	025	+12	L060B2250
JANSEN	250K	1974	025	+16	030	+16	030	+12	025	+12	LT060B2250
JANSKY	250K	1975	085	+12	090	+12	090	+08	085	+08	L063B3250

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JANSKY	250K	1975	085	+12	090	+12	096	+08	085	+08	LT063B3250
JOY	250K	1974	005	+28	010	+28	010	+24	085	+24	L041B3250
KANT	250K	1974	020	-08	025	-08	025	-12	020	-12	LT078C1250
KANT	250K	1974	020	-08	025	-08	025	-12	020	-12	L078C1250
KAPTEYN	250K	1977	070	-08	075	-08	075	-12	070	-12	L081B1250
KAPTEYN	250K	1977	070	-08	075	-08	075	-12	070	-12	LT081B1250
KASTNER	250K	1975	075	-04	080	-04	080	-08	075	-08	L081A3250
KASTNER	250K	1975	075	-04	080	-04	080	-08	075	-08	LT081A3250
KATCHALSKY	250K	1975	115	+08	120	+08	120	+04	115	+04	LT065B2250
KATCHALSKY	250K	1974	115	+08	120	+08	120	+04	115	+04	L065B2250
KIESS	250K	1973	080	-04	085	-04	085	-08	080	-08	L081B4250
KIESS	250K	1973	080	-04	085	-04	085	-08	080	-08	LT081B4250
KING	250K	1974	120	+08	125	+08	125	+04	120	+04	L065C1250
KING	250K	1974	120	+08	125	+08	125	+04	120	+04	LT065C1250
KING	250K	1974	120	+08	125	+08	125	+04	120	+04	LT065C1250
KNOX-SHAW	250K	1974	080	+08	085	+08	085	+04	080	+04	L063C1250
KNOX-SHAW	250K	1974	080	+08	085	+08	085	+04	080	+04	LT063C1250
KOVALESKIJ	250K	1974	345	+28	350	+28	350	+24	345	+24	L040B3250
KOVALESKIJ	250K	1974	345	+28	350	+28	350	+24	345	+24	LT040B3250
KOVALESKIJ	250K	1973	080	-08	085	-08	085	-12	080	-12	L081C1250
KREIKEN	250K	1973	080	-08	085	-08	085	-12	080	-12	LT081C1250
KREIKEN	250K	1973	080	-08	085	-08	085	-12	080	-12	L081C1250
KRIEGER	250K	1973	310	+32	315	+32	315	+28	310	+28	L039A1250
KRIEGER	250K	1974	065	+12	070	+12	070	+08	065	+08	L062B3250
KROGH	250K	1974	065	+12	070	+12	070	+08	065	+08	LT062B3250
KUIPER	250K	1974	335	-08	340	-08	340	-12	335	-12	LT076D2250
KUIPER	250K	1974	335	-08	340	-08	340	-12	335	-12	L076D2250
LA HIRE	250K	1974	330	+28	335	+28	335	+24	330	+24	L040A4250
LA HIRE	250K	1974	330	+28	335	+28	335	+24	330	+24	LT040A4250
LA PEROUSE	250K	1977	075	-08	080	-08	080	-12	075	-12	L081B2250
LA PEROUSE	250K	1977	075	-08	080	-08	080	-12	075	-12	LT081B2250
LAMBERT	250K	1974	075	-08	080	-08	080	-12	075	-12	LT081B2250
LAMBERT	250K	1974	335	+28	340	+28	340	+24	335	+24	LT040A4250
LAMBERT	250K	1974	335	+28	340	+28	340	+24	335	+24	L040A4250
LANDSTEINER	250K	1974	345	+32	350	+32	350	+28	345	+28	L040B2250
LANDSTEINER	250K	1974	345	+32	350	+32	350	+28	345	+28	LT040B2250
LAWRENCE	250K	1974	040	+08	045	+08	045	+04	040	+04	L061C1250
LAWRENCE	250K	1974	040	+08	045	+08	045	+04	040	+04	LT061C1250
LE MONNIER	250K	1974	030	+28	035	+28	035	+24	030	+24	L043A4250
LE MONNIER	250K	1974	030	+28	035	+28	035	+24	030	+24	LT043A4250
LE MONNIER	250K	1974	030	+28	035	+28	035	+24	030	+24	L043A4250
LEAKEY	250K	1974	035	-00	040	-00	040	-04	035	-04	LT079A2250
LEAKEY	250K	1974	035	-00	040	-00	040	-04	035	-04	L079A2250
LINDBERGH	250K	1974	050	-04	055	-04	055	-08	050	-08	LY080A4250
LINDBERGH	250K	1974	050	-04	055	-04	055	-08	050	-08	L080A4250
LINDSAY	250K	1977	010	-04	015	-04	015	-08	010	-08	L078A4250
LINDSAY	250K	1977	010	-04	015	-04	015	-08	010	-08	L078A4250
LINNE	250K	1974	010	+28	015	+28	015	+24	010	+24	L042A4250
LINNE	250K	1974	010	+28	015	+28	015	+24	010	+24	LT042A4250
LITKE	250K	1973	120	-16	125	-16	125	-20	120	-20	LT010B1250
LITKE	250K	1973	120	-16	125	-16	125	-20	120	-20	L010B1250
LITROM	250K	1974	030	+24	035	+24	035	+20	030	+20	L043B1250
LITROM	250K	1974	030	+24	035	+24	035	+20	030	+20	LT043B1250
LUBBOCK	250K	1974	040	-00	045	-00	045	-04	040	-04	L079B1250
LUBBOCK	250K	1974	040	-00	045	-00	045	-04	040	-04	LT079B1250
LUCIAN	250K	1974	035	+16	040	+16	040	+12	035	+12	L061A2250
LUCIAN	250K	1974	035	+16	040	+16	040	+12	035	+12	LT061A2250

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LUDWIG	250K	1973	095	-04	100	-04	100	-08	095	-03	L082A3250
LUDWIG	250K	1973	095	-04	100	-04	100	-08	095	-03	L082A3250
LUNAR EQUATORIAL ZONE MOSAIC	250K	1968	320	+15	040	+15	040	-15	320	-15	LP21EQZM11
LYELL	250K	1974	040	+16	045	+16	045	+12	040	+12	L061B1250
LYELL	250K	1974	040	+16	045	+16	045	+12	040	+12	L061B1250
MACLAURIN	250K	1974	065	+00	070	+00	070	-04	065	-04	L080B2250
MACLAURIN	250K	1974	065	+00	070	+00	070	-04	065	-04	L080B2250
MACROBIUS	250K	1979	045	+24	050	+24	050	+20	045	+20	L043C2250
MACROBIUS	250K	1979	045	+24	050	+24	050	+20	045	+20	L043C2250
MADLER	250K	1974	025	-08	030	-08	030	-12	025	-12	L078C2250
MADLER	250K	1974	025	-08	030	-08	030	-12	025	-12	L078C2250
MASKELYNE ORIENTALIS	250K	1977	030	+04	035	+04	035	+00	030	+00	L061D4250
MASKELYNE ORIENTALIS	250K	1977	030	+04	035	+04	035	+00	030	+00	L061D4250
MCADIE	250K	1974	090	+04	095	+04	095	+00	090	+00	L064B4250
MCADIE	250K	1974	090	+04	095	+04	095	+00	090	+00	L064B4250
MCDONALD	250K	1974	335	+32	340	+32	340	+28	335	+28	L040A2250
MCDONALD	250K	1974	335	+32	340	+32	340	+28	335	+28	L040A2250
MENELAUS	250K	1974	015	+20	020	+20	020	+16	015	+16	L042D3250
MENELAUS	250K	1974	015	+20	020	+20	020	+16	015	+16	L042D3250
MENZEL	250K	1977	035	+04	040	+04	040	+00	035	+00	L061D3250
MENZEL	250K	1977	035	+04	040	+04	040	+00	035	+00	L061D3250
MESSIER	250K	1974	045	-00	050	-00	050	-04	045	-04	L079B2250
MESSIER	250K	1974	045	-00	050	-00	050	-04	045	-04	L079B2250
MONS VINOGRADOV	250K	1980	325	+24	330	+24	330	+20	325	+20	L03552250
MONS VINOGRADOV	250K	1980	325	+24	330	+24	330	+20	325	+20	L03552250
MORLEY	250K	1974	060	+00	065	+00	065	-04	060	-04	L080B1250
MORLEY	250K	1974	060	+00	065	+00	065	-04	060	-04	L080B1250
MECHO	250K	1976	120	-04	125	-04	125	-08	120	-08	L083B4250
MECHO	250K	1976	120	-04	125	-04	125	-08	120	-08	L083B4250
MECHO CRATER	250K	1977	122	-04	124	-04	124	-06	122	-06	L083B4S125
MECHO CRATER	250K	1977	122	-04	124	-04	124	-06	122	-06	L083B4S125
NEUJMIN	250K	1973	120	-24	125	-24	125	-28	120	-28	L0101C1250
NEUJMIN	250K	1973	120	-24	125	-24	125	-28	120	-28	L0101C1250
NIELSON	250K	1975	305	+31	310	+31	310	+28	305	+28	L038B2250
NIELSON	250K	1975	305	+31	310	+31	310	+28	305	+28	L038B2250
NIELSON	250K	1974	075	+04	080	+04	080	+00	075	+00	L063D3250
NIELSON	250K	1974	075	+04	080	+04	080	+00	075	+00	L063D3250
NOBILI	250K	1974	325	-08	330	-08	330	-12	325	-12	L075C4250
NOBILI	250K	1974	325	-08	330	-08	330	-12	325	-12	L075C4250
NORMAN	250K	1974	090	+08	095	+08	095	+04	090	+04	L064B1250
NORMAN	250K	1974	090	+08	095	+08	095	+04	090	+04	L064B1250
NUNN	250K	1974	090	+08	095	+08	095	+04	090	+04	L064B1250
NUNN	250K	1974	090	+08	095	+08	095	+04	090	+04	L064B1250
PATSAEV	250K	1974	135	-16	130	-16	135	-20	130	-20	L0102A1250
PATSAEV	250K	1974	135	-16	130	-16	135	-20	130	-20	L0102A1250
PEEK	250K	1973	085	+04	090	+04	090	+00	085	+00	L063C3250
PEEK	250K	1973	085	+04	090	+04	090	+00	085	+00	L063C3250
PEIRCE	250K	1974	050	+20	055	+20	055	+16	050	+16	L044D4250
PEIRCE	250K	1974	050	+20	055	+20	055	+16	050	+16	L044D4250
PLANTE	250K	1977	160	-08	165	-08	165	-12	160	-12	L085C1250
PLANTE	250K	1977	160	-08	165	-08	165	-12	160	-12	L085C1250
PLINNIUS	250K	1974	020	+16	025	+16	025	+12	020	+12	L060B1250
PLINNIUS	250K	1974	020	+16	025	+16	025	+12	020	+12	L060B1250
POMORSTEV	250K	1974	065	+04	070	+04	070	+00	065	+00	L062C3250
POMORSTEV	250K	1974	065	+04	070	+04	070	+00	065	+00	L062C3250

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PRINZ	250K	1973	315	+28	320	+28	320	+24	320	+24	L039A3250
PRINZ	250K	1974	315	+28	320	+28	320	+24	315	+24	L039A3250
PROCLUS	250K	1974	045	+20	050	+20	050	+16	050	+16	L043C3250
PROCLUS	250K	1974	045	+20	050	+20	050	+16	045	+16	L043C3250
PUPIN	250K	1974	345	+24	350	+24	350	+20	345	+20	L040C2250
PUPIN	250K	1974	345	+24	350	+24	350	+20	345	+20	L040C2250
PURKYNE	250K	1973	090	+00	095	+00	095	-04	090	-04	L082A1250
PURKYNE	250K	1973	090	+00	095	+00	095	-04	090	-04	L082A1250
PYTHEAS	250K	1976	335	+24	340	+24	340	+20	335	+20	L040D2250
PYTHEAS	250K	1976	335	+24	340	+24	340	+20	335	+20	L040D2250
RANKINE	250K	1974	070	+00	075	+00	075	-04	070	-04	L081A1250
RANKINE	250K	1974	070	+00	075	+00	075	-04	070	-04	L081A1250
RASPLETIN	250K	1974	150	-20	155	-20	155	-24	150	-24	L0103A4250
RASPLETIN	250K	1974	150	-20	155	-20	155	-24	150	-24	L0103A4250
RECHT	250K	1974	120	+12	125	+12	125	+08	120	+08	L065B4250
RECHT	250K	1974	120	+12	125	+12	125	+08	120	+08	L065B4250
RESPIGHI	250K	1974	070	+04	075	+04	075	+00	070	+00	L063D4250
RESPIGHI	250K	1974	070	+04	075	+04	075	+00	070	+00	L063D4250
RIMA HADLEY	250K	1970	001	+29	005	+29	005	+26	001	+26	LTP5105250
RIMA HADLEY SHEET A	250K	1971	001	+30	005	+30	005	+26	001	+26	LTM5105261
RIMA HADLEY SHEET B	250K	1971	001	+26	005	+26	005	+22	001	+22	LTM5105261
RIMA PRINZ	250K	1974	315	+27	317	+27	317	+26	315	+26	L029A3150
RIMA PRINZ	250K	1974	315	+27	317	+27	317	+26	315	+26	L029A3150
ROSS	250K	1979	020	+12	025	+12	025	+08	020	+08	L0608A250
RUNGE	250K	1973	085	+00	090	+00	090	-04	085	-04	L081B2250
RUNGE	250K	1973	085	+00	090	+00	090	-04	085	-04	L081B2250
RUTHERFORD	250K	1974	135	+10	140	+10	140	+08	135	+08	L066A3250
RUTHERFORD	250K	1974	135	+10	140	+10	140	+08	135	+08	L066A3250
SABATIER	250K	1979	060	+16	075	+16	075	+12	060	+12	L063A2250
SAMPSON	250K	1974	340	+32	345	+32	345	+28	340	+28	L040B1250
SAMPSON	250K	1974	340	+32	345	+32	345	+28	340	+28	L040B1250
SARABHAI	250K	1974	022	+26	025	+26	025	+24	020	+24	L042B4250
SARABHAI	250K	1974	022	+26	025	+26	025	+24	020	+24	L042B4250
SCHEELE	250K	1974	320	-08	325	-08	325	-12	320	-12	L075C1250
SCHEELE	250K	1974	320	-08	325	-08	325	-12	320	-12	L075C1250
SCHUBERT	250K	1973	080	+04	085	+04	085	+00	080	+00	L063C4250
SCHUBERT	250K	1973	080	+04	085	+04	085	+00	080	+00	L063C4250
SECCHI	250K	1974	040	+04	045	+04	045	+00	040	+00	L061C4250
SECCHI	250K	1974	040	+04	045	+04	045	+00	040	+00	L061C4250
SHAPLEY	250K	1979	055	+12	060	+12	060	+08	055	+08	L062A3250
SHAPLEY	250K	1974	055	+12	060	+12	060	+08	055	+08	L062A3250
SHERRINGTON	250K	1974	115	-08	120	-08	120	-12	115	-12	L083D2250
SHERRINGTON	250K	1974	115	-08	120	-08	120	-12	115	-12	L083D2250
SINAS	250K	1980	030	+12	035	+12	035	+08	030	+08	L061A4250
SINAS	250K	1980	030	+12	035	+12	035	+08	030	+08	L061A4250
SKLODOWSKA OCCIDENTALIS	250K	1977	090	-16	095	-16	095	-20	090	-20	L0100A1250
SKLODOWSKA OCCIDENTALIS	250K	1976	095	-16	100	-16	100	-20	095	-20	L0100A2250
SKLODOWSKA OCCIDENTALIS	250K	1976	095	-16	100	-16	100	-20	095	-20	L0100A2250
SKLODOWSKA OCCIDENTALIS	250K	1974	050	+04	055	+04	055	+00	050	+00	L062D4250
SMITHSON	250K	1974	050	+04	055	+04	055	+00	050	+00	L062D4250
SMITHSON	250K	1974	050	+04	055	+04	055	+00	050	+00	L062D4250
SOMERVILLE	250K	1974	060	-08	065	-08	065	-12	060	-12	L080C1250
SOMERVILLE	250K	1974	060	-08	065	-08	065	-12	060	-12	L080C1250

DATE 05/29/81

MAP NAME	SCALE	EDITION DATE	UPPERLEFT LONG	UPPERLEFT LAT	UPPERRIGHT LONG	UPPERRIGHT LAT	LOWERLEFT LONG	LOWERLEFT LAT	LOWERRIGHT LONG	LOWERRIGHT LAT	MAP ID
SPURR	250K	1973	355	+28	360	+28	360	+24	360	+24	L041A3250
SPURR	250K	1974	355	+28	360	+28	360	+24	355	+24	L041A3250
STARK	250K	1974	130	-24	135	-24	135	-28	130	-28	L70102B1250
STARK	250K	1973	130	-24	135	-24	135	-28	130	-28	L0182B1250
SULPICIVS GALLUS	250K	1974	010	+20	015	+20	015	+16	010	+16	L042D4250
SULPICIVS GALLUS	250K	1974	010	+20	015	+20	015	+16	010	+16	L042D4250
TACHINNI	250K	1974	085	+08	090	+08	090	+04	085	+04	L063C2250
TACHINNI	250K	1974	085	+08	090	+08	090	+04	085	+04	L063C2250
TAMM	250K	1976	145	-04	150	-04	150	-08	145	-08	L084B3250
TAMM	250K	1976	145	-04	150	-04	150	-08	145	-08	L084B3250
TAURUS LITTRON	250K	1972	028	+22	034	+22	034	+18	028	+18	L05115250
TEBUTT	250K	1974	050	+12	055	+12	055	+08	050	+08	L062A4250
TEBUTT	250K	1974	050	+12	055	+12	055	+08	050	+08	L062A4250
THEILER	250K	1976	080	+16	085	+16	085	+12	080	+12	L063B1250
THEILER	250K	1976	080	+16	085	+16	085	+12	080	+12	L063B1250
THEOPHRASTUS	250K	1974	035	+20	040	+20	040	+16	035	+16	L043B3250
THEOPHRASTUS	250K	1974	035	+20	040	+20	040	+16	035	+16	L043B3250
TITIVS	250K	1975	100	-24	105	-24	105	-28	100	-28	L0100C1250
TITIVS	250K	1974	100	-24	105	-24	105	-28	100	-28	L0100C1250
TORRICELLI	250K	1974	025	-04	030	-04	030	-08	025	-08	L078B3250
TORRICELLI	250K	1974	025	-04	030	-04	030	-08	025	-08	L078B3250
TSIOLKOVSKIJ AUSTRALIS	250K	1973	125	-20	130	-20	130	-24	125	-24	L0101B3250
TSIOLKOVSKIJ BOREALIS	250K	1973	125	-16	130	-16	130	-20	125	-20	L0101B2250
TSIOLKOVSKIJ BOREALIS	250K	1973	125	-16	130	-16	130	-20	125	-20	L0101B2250
TYCHO SHEET A	250K	1971	016	-38	008	-38	008	-41	016	-41	LTM5105530A
TYCHO SHEET B	250K	1971	016	-42	007	-42	007	-45	016	-45	LTM5105530B
VAISALA	250K	1974	310	+28	315	+28	315	+24	310	+24	L039A4250
VAISALA	250K	1974	310	+28	315	+28	315	+24	310	+24	L039A4250
VERY	250K	1974	025	+28	030	+28	030	+24	025	+24	L042B3250
VERY	250K	1974	025	+28	030	+28	030	+24	025	+24	L042B3250
VIRCHOW	250K	1976	080	+12	085	+12	085	+08	080	+08	L063B4250
VIRCHOW	250K	1976	080	+12	085	+12	085	+08	080	+08	L063B4250
VITRUVIUS	250K	1974	030	+20	035	+20	035	+16	030	+16	L043D4250
VITRUVIUS	250K	1974	030	+20	035	+20	035	+16	030	+16	L043D4250
VOLKOV	250K	1974	230	-12	225	-12	225	-16	230	-16	L084D4250
VOLKOV	250K	1974	230	-12	225	-12	225	-16	230	-16	L084D4250
VON BEHRING	250K	1975	070	-04	075	-04	075	-08	070	-08	L081A4250
VON BEHRING	250K	1975	070	-04	075	-04	075	-08	070	-08	L081A4250
WALLACE	250K	1974	350	+24	355	+24	355	+20	350	+20	L041D1250
WALLACE	250K	1974	350	+24	355	+24	355	+20	350	+20	L041D1250
WALLACH	250K	1980	030	+08	035	+08	035	+08	030	+08	L061D1250
WALLACH	250K	1980	030	+08	035	+08	035	+08	030	+08	L061D1250
WATERMAN	250K	1980	030	+08	035	+08	035	+04	030	+04	L061D1250
WATERMAN	250K	1973	125	-24	130	-24	130	-28	125	-28	L0101C2250
WATTS	250K	1974	045	+12	050	+12	050	+08	045	+08	L0101C2250
WATTS	250K	1974	045	+12	050	+12	050	+08	045	+08	L0101C2250
WEBB	250K	1974	055	-00	060	+00	060	-04	055	-04	L080A2250
WEBB	250K	1974	055	-00	060	+00	060	-04	055	-04	L080A2250
WIDMANNSTATTEN	250K	1973	085	-04	090	-04	090	-08	085	-08	L081B3250
WIDMANNSTATTEN	250K	1973	085	-04	090	-04	090	-08	085	-08	L081B3250
WILDT	250K	1979	075	+12	080	+12	080	+08	075	+08	L063A3250
WIDMANNSTATTEN	250K	1973	085	-04	090	-04	090	-08	085	-08	L081B3250

MAP NAME	SCALE	EDITION DATE	UPPERLEFT LONG	UPPERLEFT LAT	UPPERRIGHT LONG	UPPERRIGHT LAT	LOWERRIGHT LONG	LOWERRIGHT LAT	LOWERLEFT LONG	LOWERLEFT LAT	MAP ID
WINTHROP	250K	1974	315	-08	320	-08	320	-12	315	-12	LT075022250
WINTHROP	250K	1974	315	-08	320	-08	320	-12	315	-12	L075022250
WYLD	250K	1973	095	+00	100	+00	100	-04	095	-04	L082A22250
WYLD	250K	1973	095	+00	100	+00	100	-04	095	-04	LT082A22250
YANGEL	250K	1974	000	+20	005	+20	005	+16	000	+16	L041C4250
YANGEL	250K	1974	000	+20	005	+20	005	+16	000	+16	LT041C4250
YERKES	250K	1974	050	+16	055	+16	055	+12	050	+12	L062A1250
YERKES	250K	1974	050	+16	055	+16	055	+12	050	+12	LT062A1250
ZANSTRA	250K	1974	120	+04	125	+04	125	+00	120	+00	LT065C4250
ZANSTRA	250K	1974	120	+04	125	+04	125	+00	120	+00	L065C4250
ZINNER	250K	1976	165	-16	170	+28	170	+24	165	+24	L038B4250
ZWICKY	250K	1976	165	-16	170	-16	170	-20	165	-20	LT0103B2250
ZWICKY	250K	1976	165	-16	170	-16	170	-20	165	-20	L0103B2250

V. LUNAR MAPS OF SELECTED AREAS

Maps of specific areas are available. The maps vary in scale depending on the nature of the area covered and the data available. These maps cover very small areas of the lunar surface and in many cases were used for lunar lander site certification purposes. Not listed, but available from the NSSDC, is a map of the Apollo 11, 12, and 14 lunar landing traverses by the astronauts. These traverses are different scales printed on a single sheet. Those who need a copy of this map should state the name of the map on the order form.

MAP NAME	SCALE	EDITION DATE	UPPERLEFT LONG	UPPERLEFT LAT	UPPERRIGHT LONG	UPPERRIGHT LAT	LOWERRIGHT LONG	LOWERRIGHT LAT	LOWERLEFT LONG	LOWERLEFT LAT	MAP ID
APOLLO 15 LANDING AREA	050K	1974	002	+26	004	+26	004	+25	002	+25	LT41B4S150
APOLLO 15 TRAVERSES	025K	1974	003	+26	004	+26	004	+25	003	+25	LP41B4S425
APOLLO 16 LANDING AREA	050K	1975	015	-08	016	-08	016	-10	015	-10	LP78D2S150
APOLLO 16 TRAVERSES	025K	1975	015	-08	016	-08	016	-09	015	-09	LP78D2S225
APOLLO 17 LANDING AREA	010K	1974	030	+20	031	+20	031	+19	030	+19	LP43D1S150
APOLLO 17 TRAVERSES	025K	1975	030	+20	031	+20	031	+19	030	+19	LP43D1S225
ARTEMIS	010K	1975	334	+25	334	+25	334	+24	334	+24	LP40A4S110
ARTEMIS	010K	1971	021	+12	019	+12	019	+08	021	+08	LP51S5537
COPERNICUS	150K	1971	353	-10	353	-10	353	-11	353	-11	LP77D1S110
DAVY CATENA	010K	1974	015	-08	017	-08	017	-10	015	-10	LP8114025
DESCARTES	025K	1971	015	-08	016	-08	016	-09	015	-09	LP811425
DESCARTES	010K	1972	015	-08	016	-08	016	-09	015	-09	LP8114100
DESCARTES	100K	1972	015	-08	017	-08	017	-10	015	-10	LP8114125
DESCARTES	025K	1971	015	-08	016	-08	016	-09	015	-09	LP61D2S150
DONNA	050K	1977	037	+07	039	+07	039	+06	037	+06	LP102S150
DONNA	050K	1977	021	+19	023	+19	023	+18	021	+18	LP2C4S250
DONSA LISTER	050K	1974	022	+18	023	+18	023	+17	022	+17	LP2C4S0
DORSUM NICOL	050K	1974	022	+18	023	+18	023	+17	022	+17	LP42C4S150
DORSUM NICOL	050K	1974	335	+30	335	+30	335	+29	333	+29	LP40A1S150
DORSUM ZIRKEL	050K	1974	335	+30	335	+30	335	+29	333	+29	LP40A1S150
DORSUM ZIRKEL	050K	1974	357	-12	358	-12	358	-13	357	-13	LP77D3S150
FOSSAE ALPHONSUS	050K	1974	028	+22	029	+22	029	+21	028	+21	LP2C2S150
FOSSAE LITTRON	050K	1974	028	+22	029	+22	029	+21	028	+21	LP2C2S150
FOSSAE LITTRON	050K	1974	035	+15	036	+15	036	+14	035	+14	LP61A2S150
GRACE	050K	1976	035	+15	036	+15	036	+14	035	+14	LP61A2S150
GRACE	050K	1976	003	-03	006	-03	006	-06	003	-06	LP53B5S24
HIPPARCHUS	150K	1970	005	+18	006	+19	006	+19	005	+18	LP1C3S110
INA	010K	1974	027	+19	027	+19	027	+18	027	+18	LP2C3S110
ISIS	010K	1974	027	+19	027	+19	027	+18	027	+18	LP2C3S110
ISIS	010K	1974	120	+05	121	+05	121	+04	120	+04	LP5C1S150
KING CENTRAL PEAKS	050K	1975	120	+06	121	+06	121	+04	120	+04	LP5C1S150
KING CENTRAL PEAKS	050K	1975	119	+06	120	+06	120	+05	119	+05	LP5D2S150
KING NORTH FLANK	050K	1975	132	-17	133	-17	133	-18	132	-18	LP7A1S150
KIRA	050K	1974	132	-17	133	-17	133	-18	132	-18	LP7A1S150
KIRA	050K	1974	350	-04	352	-04	352	-05	350	-05	LP7A4S150
LALANDE	050K	1977	011	+24	011	+24	011	+24	011	+24	LP2A410
LORCA EAST	010K	1974	011	+24	011	+24	011	+24	011	+24	LP2A4S210
LORCA EAST	016K	1974	011	+24	011	+24	011	+24	011	+24	LP2A4S110
LORCA WEST	010K	1974	011	+25	011	+25	011	+24	011	+24	LP2A4S110
LORCA WEST	010K	1974	010	+24	011	+24	011	+24	010	+24	LP2A4S110
LUNAR EARTH SIDE HEMISPHERE	125K	1969									LEN-18
LUNAR EARTH SIDE HEMISPHERE	150K	1966									LEN-18
MELISSA	050K	1976	121	+08	122	+08	122	+07	121	+07	LP45C1S250
MONS ARGAEUS	050K	1974	028	+20	030	+20	030	+19	028	+19	LP4C3S150
MONS ARGAEUS	050K	1974	028	+20	030	+20	030	+19	028	+19	LP4C3S150
MONS ARGAEUS	050K	1974	305	+30	307	+30	307	+29	305	+29	LP30B2S150
MONTE AGRICOLA	050K	1974	174	-16	174	-16	174	-16	174	-16	LP104A1S11
NE OF AITKEN G	010K	1980	174	-16	174	-16	174	-16	174	-16	LP104A1S11
NE OF AITKEN G	010K	1980	174	-16	174	-16	174	-16	174	-16	LO104A1S110
NEO CRATER	050K	1977	122	-04	124	-04	124	-06	122	-06	LP30B4S150
OSIRIS	010K	1974	027	+18	030	+18	030	+19	027	+18	LP42C2S10
OSIRIS	010K	1974	027	+18	030	+18	030	+19	027	+18	LP42C3S110

MAP NAME	SCALE	EDITION DATE	UPPERLEFT LONG	UPPERLEFT LAT	UPPERRIGHT LONG	UPPERRIGHT LAT	LOWERRIGHT LONG	LOWERRIGHT LAT	LOWERLEFT LONG	LOWERLEFT LAT	MAP ID
PICARD	050K	1980	054	+15	055	+15	055	+14	054	+14	LT62A1S150
PRINZ	150K	1970	046	+30	041	+30	041	+24	045	+24	LTP5105S46
PROCLUS CRATER	050K	1977	046	+16	047	+16	047	+15	046	+15	LP6182S150
PROCLUS CRATER	050K	1977	046	+16	047	+16	047	+15	046	+15	LP6182S150
RIMA DAWES	050K	1976	025	+18	027	+18	027	+16	025	+16	LTP42C3S450
RIMA EULER	050K	1974	327	+20	328	+20	328	+19	327	+19	LP39C2S150
RIMA EULER	050K	1974	327	+21	329	+21	329	+19	327	+19	LTP39C2S150
RIMA HADLEY CENTRAL	050K	1975	002	+25	003	+25	003	+24	002	+24	LI4184S250
RIMA HADLEY SHEET B	150K	1970	001	+26	005	+26	005	+22	001	+22	LTMS105S261
RIMA HADLEY SOUTH	050K	1975	002	+25	003	+25	003	+25	002	+24	LI4184S350
RIMA HERIGONIUS	050K	1977	323	-11	324	-11	324	-12	323	-12	LP75C1S150
RIMA HERIGONIUS NORTH	050K	1977	323	-11	324	-11	324	-12	323	-12	LTM75C1S150
RIMA HERIGONIUS NORTH	050K	1977	323	-11	324	-11	324	-12	323	-12	LP69C4S150
RIMA HERIGONIUS SOUTH	050K	1977	322	-12	323	-12	322	-13	322	-13	LTP5105S231
RIMA HYGINUS	150K	1970	004	+10	007	+10	007	+06	004	+06	LTP5105S231
RIMA MOZART	050K	1974	359	+26	000	+26	000	+25	359	+24	LP71A3S150
RIMA MOZART	050K	1974	359	+25	000	+25	000	+24	359	+24	LP71A3S150
RIMA PRINZ	050K	1974	315	+27	317	+27	317	+26	315	+26	LP39A3S150
RIMAE LITTRON	150K	1970	027	+24	031	+24	031	+20	027	+20	LTP5105S14
RUPES BORIS	025K	1976	325	+31	326	+31	326	+30	325	+30	LTP39B2S225
RUPES BORIS	025K	1976	325	+31	326	+31	326	+30	325	+30	LTP39B2S225
SAMIR	025K	1976	325	+28	326	+28	326	+27	325	+27	LTP39B5S125
SIEGFRIED	050K	1974	102	-25	103	-25	103	-26	102	-26	LP100C1S150
SIEGFRIED	050K	1974	102	-25	103	-25	103	-26	102	-26	LTP100C1S1
TAURUS LITTRON	025K	1972	030	-20	031	-20	031	-19	030	-19	LTP8115S125
TAURUS LITTRON	050K	1972	030	+20	031	+20	031	+19	030	+19	LTP7115S50
TIMOCHARIS SE	025K	1978	347	+26	348	+26	348	+26	347	+25	LI40B3S125
TIMOCHARIS SE	025K	1978	347	+25	348	+26	348	+26	347	+25	LP40B3S125
VAN BIESBROECK	050K	1974	313	+29	315	+29	313	+28	313	+28	LIP39A1S150
ZAHIA	050K	1974	328	+25	329	+25	329	+24	328	+24	LTP39B3S150
ZAHIA	050K	1974	328	+25	329	+25	329	+24	328	+24	LP39B3S150

VI. AVAILABILITY OF OTHER PLANETARY PROBE MAPS

Maps of the planets and their satellites other than the Earth-Luna system can be obtained from the United States Geological Survey. Distribution center addresses are listed below. Non-U.S. requesters should contact the distribution center in Arlington, Virginia.

U.S. Geological Survey
Branch of Distribution
120 South Eads Street
Arlington, Virginia 22202

U.S. Geological Survey
Branch of Distribution
Box 25286
Federal Center
Denver, Colorado 80225

Requesters for large quantities of Lunar Maps should direct their inquiries to

Defense Mapping Agency
Aerospace Center
St. Louis Air Force Station
Missouri 63118

VII. NSSDC FACILITIES AND ORDERING PROCEDURES

NSSDC PURPOSE AND ORGANIZATION

The National Space Science Data Center (NSSDC) was established by the National Aeronautics and Space Administration (NASA) to provide data and information from space science experiments in support of additional studies beyond those performed by principal investigators. In addition to its main function, NSSDC produces other publications. Among these are the *Report on Active and Planned Spacecraft and Experiments*, the *NSSDC Data Listing*, and various users guides.

Virtually all data available at or through NSSDC result from individual experiments carried on individual spacecraft. The center has developed an information system utilizing spacecraft/experiment/data identification hierarchy. In addition to satellite data, NSSDC maintains some supporting information that may be related to the needs of researchers, such as the maps listed in this document.

NSSDC FACILITIES AND SERVICES

NSSDC provides facilities for reproduction of data and for on-site data use. Resident and visiting researchers are invited to study the data while at the center. Researchers will be assisted with additional data searches and use of equipment.

NSSDC AVAILABILITY, COSTS, AND ORDERING PROCEDURES

The services provided by NSSDC are available to any individual or organization resident in the United States and to researchers outside the United States through WDC-A-R&S. Normally a charge is made for the requested data to cover the cost of reproducing and processing the request. The researcher will be notified of the charge, and payment must be received prior to processing. However, as resources permit, the Director of NSSDC/WDC-A-R&S may waive charges for modest amounts of data when they are to be used for scientific studies or for specific educational purposes and when they are requested by an individual affiliated with (1) NASA installations, NASA contractors, or NASA grantees; (2) other U.S. Government agencies, their contractors, or their grantees; (3) universities or colleges; (4) state or local governments; or (5) nonprofit organizations.

Researchers may obtain data by letters, telephone requests, or on-site visits. Those who wish to obtain lunar maps for a scientific study should specify the NSSDC ID and the common name of the map. Researchers should also specify why and when the data are needed, the subject of their work, their affiliation, and any government contracts they may have for performing their studies.

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 a source of the data.

Researchers residing in the U.S. should direct requests for data to the following address:

National Space Science Data Center
Code 601.4
Goddard Space Flight Center
Greenbelt, Maryland 20771
Phone: (301) 344-6695

Researchers who reside outside the U.S. should direct data requests to the following address:

World Data Center A for Rockets and Satellites
Code 601
Goddard Space Flight Center
Greenbelt, Maryland 20771 U.S.A.
Phone: (301) 344-6695