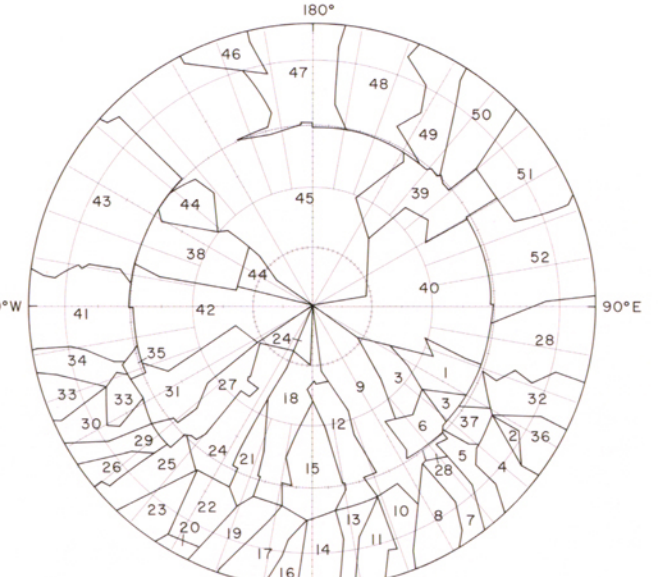


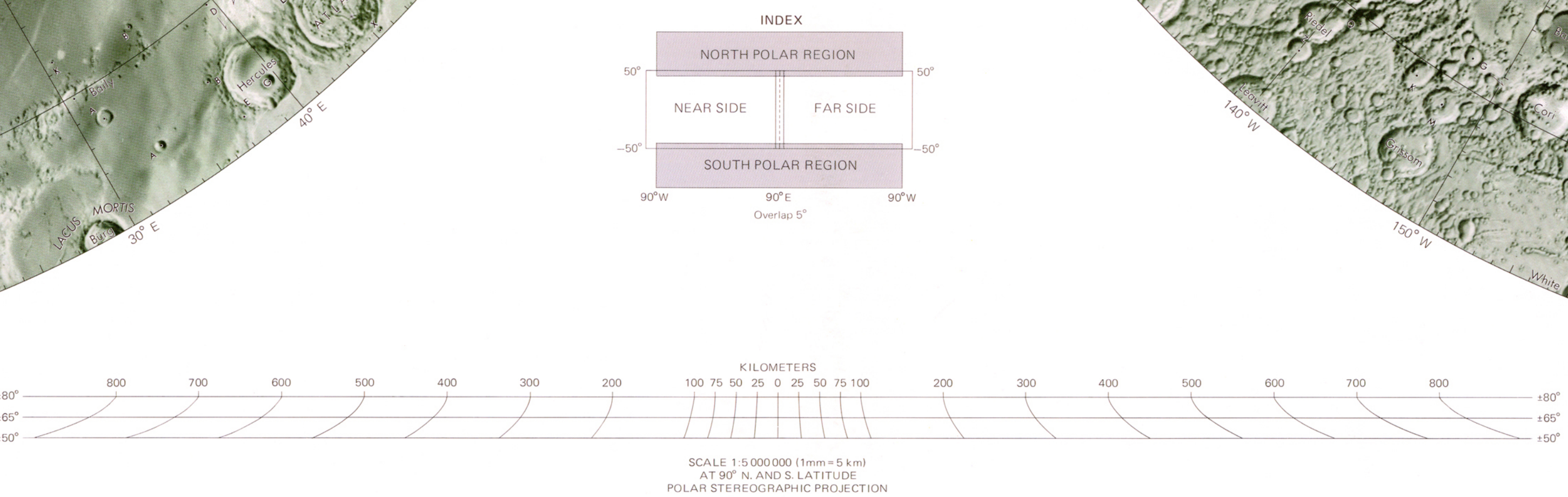
NOTES ON BASE
The lunar surface features shown on this map are portrayed utilizing pictures taken primarily by the Lunar Orbiter IV spacecraft. Some data from Lunar Orbiter V, Apollo orbital flights, Mariner IV, and the USSR Zond missions are also used. Shaded relief was drawn with uniform illumination with sun to the east. Albedo techniques used for this map have been described by Faye and Bridges (1976). Interpretation and albedo portrayal are by Barbara J. Hill. Ray patterns and albedo differences are incomplete due to the limitations of the source materials. The color of the shaded relief was selected for optimum discrimination of detail and is not intended to represent the color of the Moon.
Positions of the features are based on photomosaics made by the Defense Mapping Agency, Topographic Command. The mosaics are tied to the Apollo control system of 1973. Positional discrepancies as large as 25 km at map scale exist in the mosaic base.

NOMENCLATURE
This sheet includes feature names officially approved by the International Astronomical Union (IAU). Provisional names are not included. Spelling conforms to IAU recommendations except for the more recognizable forms listed below. Letter designations have been applied to a selection of prominent but unnamed lunar craters using the IAU approved alphabetical scheme. Illustrated below. Letters are placed on the crater side closest to the patronymic or "parent" crater.

REFERENCES
Igor, J. L., and Bridges, P. M., 1976, Applied photointerpretation for albedo cartography: Photogrammetric Engineering and Remote Sensing, v. 42, no. 6, p. 749-760.
International Astronomical Union, 1980, Working Group for Planetary System Nomenclature, 17th General Assembly, Montreal, 1979, Proceedings: International Astronomical Union Transactions, v. 17B, p. 286-290.



LUNAR ORBITER IV AND V FRAMES					
Index No.	High-resolution	Index No.	High-resolution	Index No.	Moderate-resolution
1	IV-10-26	21	IV-10-140	40	IV-10-262
2	IV-10-28	22	IV-10-142	41	IV-10-264
3	IV-10-30	23	IV-10-144	42	IV-10-266
4	IV-10-32	24	IV-10-146	43	IV-10-268
5	IV-10-34	25	IV-10-148	44	IV-10-270
6	IV-10-36	26	IV-10-150	45	IV-10-272
7	IV-10-38	27	IV-10-152	46	IV-10-274
8	IV-10-40	28	IV-10-154	47	IV-10-276
9	IV-10-42	29	IV-10-156	48	IV-10-278
10	IV-10-44	30	IV-10-158	49	IV-10-280
11	IV-10-46	31	IV-10-160	50	IV-10-282
12	IV-10-48	32	IV-10-162	51	IV-10-284
13	IV-10-50	33	IV-10-164	52	IV-10-286
14	IV-10-52	34	IV-10-166	53	IV-10-288
15	IV-10-54	35	IV-10-168	54	IV-10-290
16	IV-10-56	36	IV-10-170	55	IV-10-292
17	IV-10-58	37	IV-10-172	56	IV-10-294
18	IV-10-60	38	IV-10-174	57	IV-10-296
19	IV-10-62	39	IV-10-176	58	IV-10-298
20	IV-10-64	40	IV-10-178	59	IV-10-300



MAP SHOWING RELIEF AND SURFACE MARKINGS OF THE LUNAR POLAR REGIONS

1981

NOTE TO USERS
Users noting errors or omissions are urged to indicate them on the map and to forward it to U.S. Geological Survey, Building 4, Room 6A, 2255 North Gemini Drive, Flagstaff, Arizona 86001. A replacement copy will be reissued.

LUNAR ORBITER II, III, IV and V FRAMES					
Index No.	High-resolution	Index No.	High-resolution	Index No.	Moderate-resolution
1	IV-10-26	19	IV-10-150	38	IV-10-276
2	IV-10-28	20	IV-10-152	39	IV-10-278
3	IV-10-30	21	IV-10-154	40	IV-10-280
4	IV-10-32	22	IV-10-156	41	IV-10-282
5	IV-10-34	23	IV-10-158	42	IV-10-284
6	IV-10-36	24	IV-10-160	43	IV-10-286
7	IV-10-38	25	IV-10-162	44	IV-10-288
8	IV-10-40	26	IV-10-164	45	IV-10-290
9	IV-10-42	27	IV-10-166	46	IV-10-292
10	IV-10-44	28	IV-10-168	47	IV-10-294
11	IV-10-46	29	IV-10-170	48	IV-10-296
12	IV-10-48	30	IV-10-172	49	IV-10-298
13	IV-10-50	31	IV-10-174	50	IV-10-300
14	IV-10-52	32	IV-10-176	51	IV-10-302
15	IV-10-54	33	IV-10-178	52	IV-10-304
16	IV-10-56	34	IV-10-180	53	IV-10-306
17	IV-10-58	35	IV-10-182	54	IV-10-308
18	IV-10-60	36	IV-10-184	55	IV-10-310

