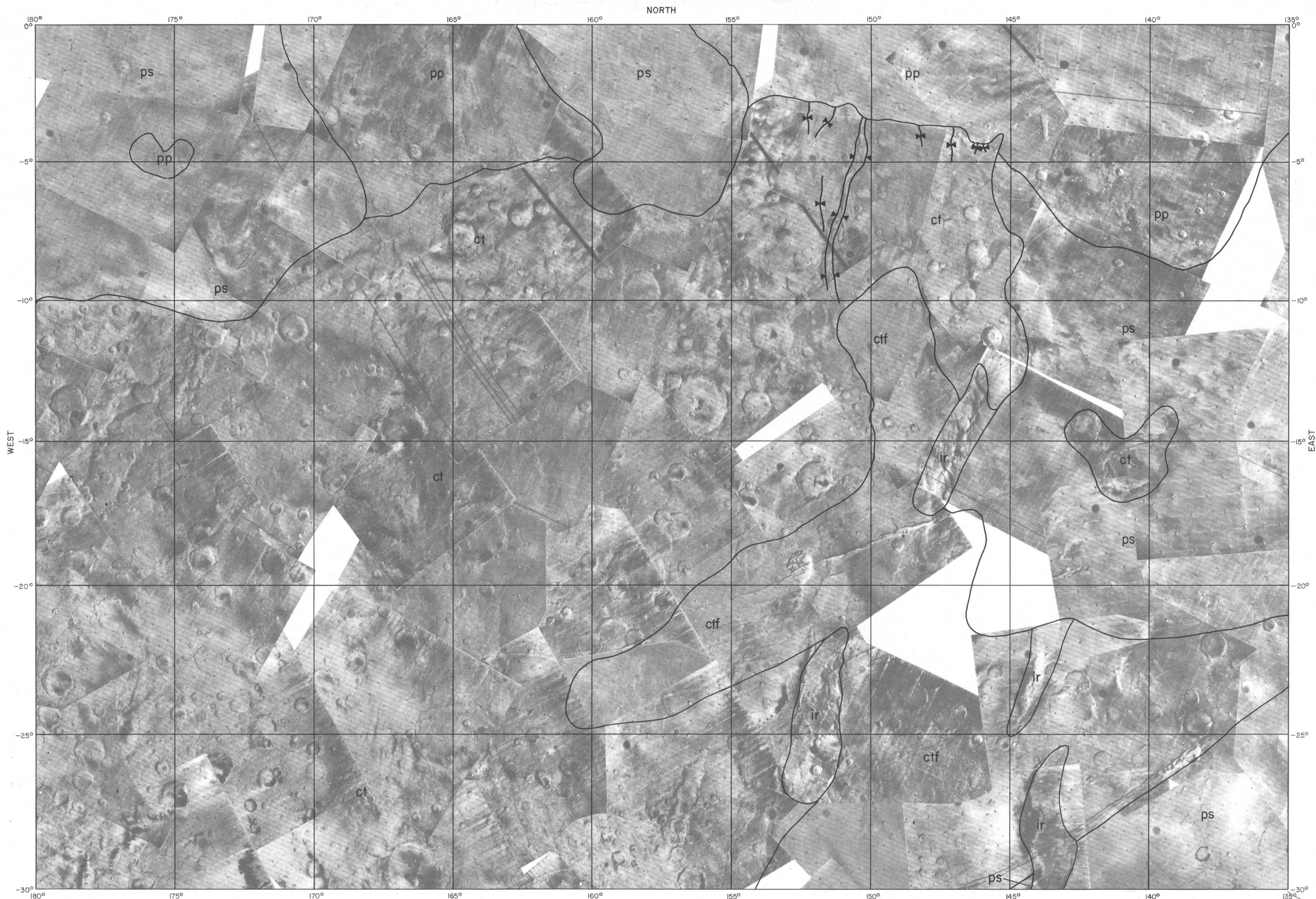
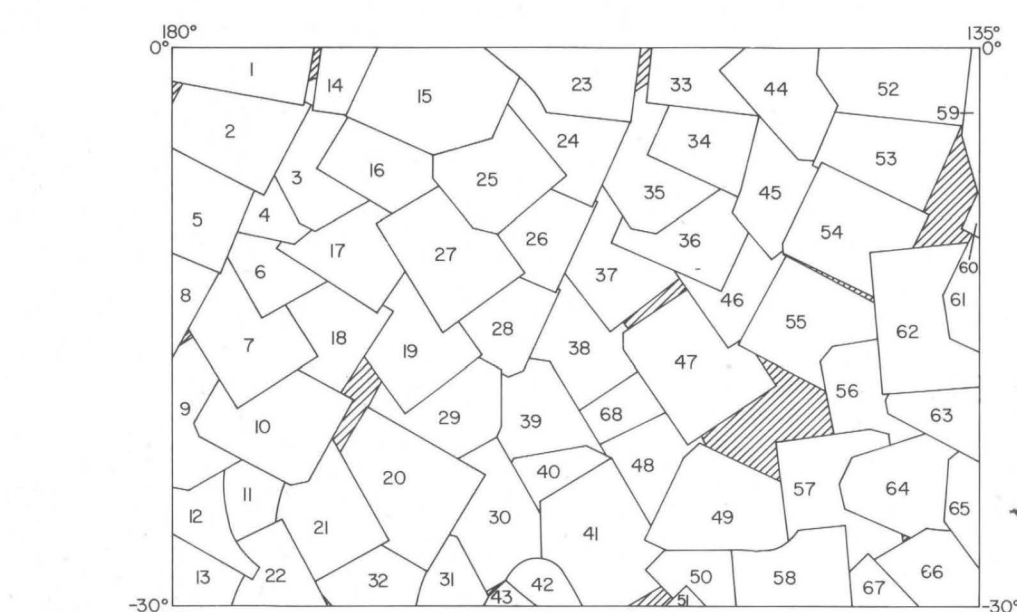
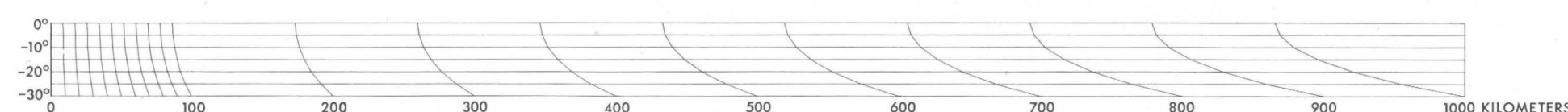




This mosaic is made with computer-enhanced, unrectified Mariner 9 pictures provided by The Jet Propulsion Laboratory Mission and Test Video System (MTVS). The Vertical Automatic Gain Control (Vert. AGC) version is used. The pictures were scaled for a "best fit" by the U.S. Geological Survey using spacecraft tracking data. Discrepancies between image positions are as large as one degree in latitude and longitude.

SCALE 1:5,000,000 AT 0° LATITUDE
MERCATOR PROJECTION

Prepared under NASA contract L-55232

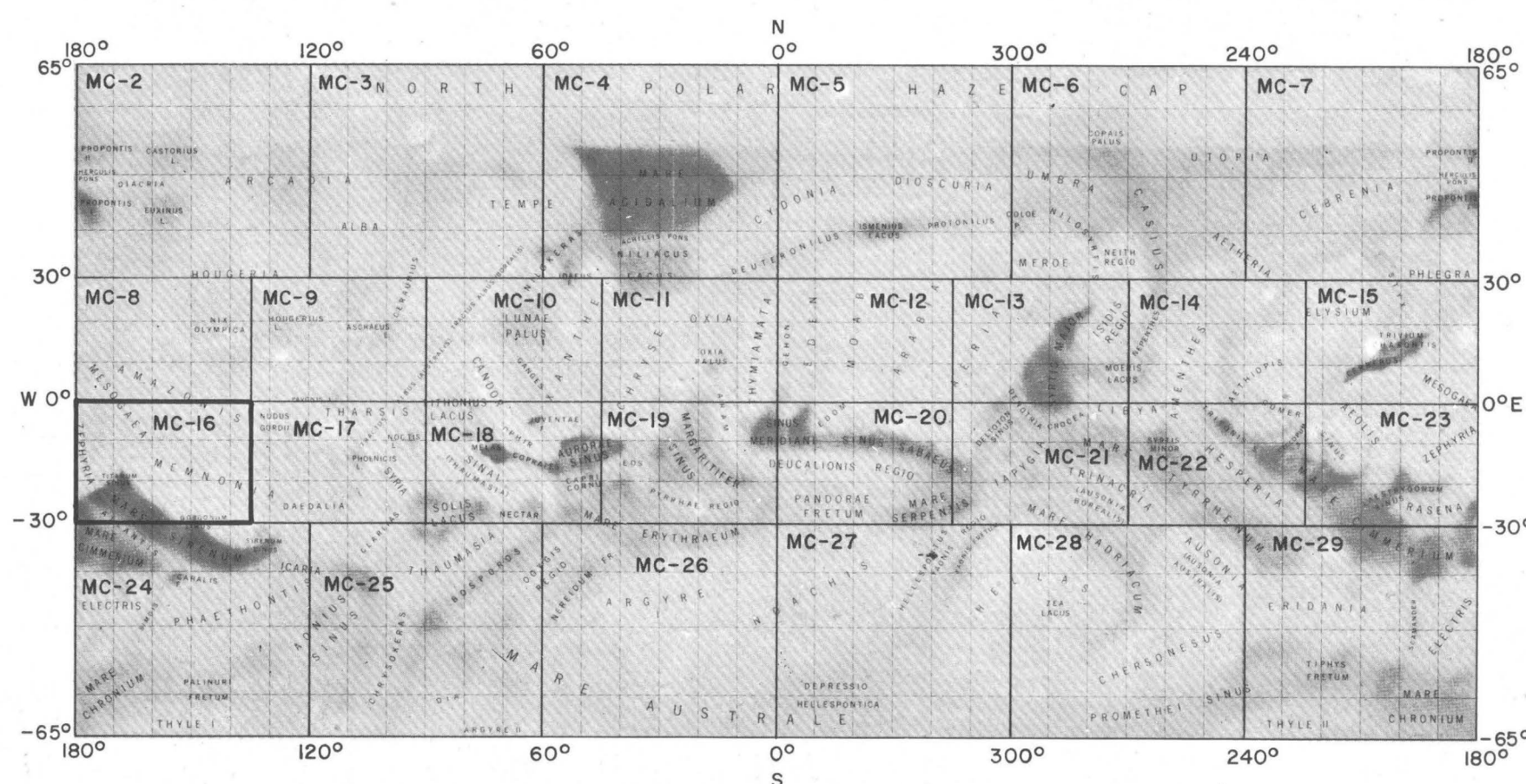


INDEX OF PICTURES IN THE MOSAIC

- ctf** Flat cratered terrain
- ct** Cratered terrain
- ir** Irregular terrain
- ps** Smooth plains
- pp** Patterned plains

MEMNONIA QUADRANGLE MARS
Scale 1:5,000,000
T. Mutch
EXPLANATION

IDENTIFICATION NUMBERS OF PICTURES IN THE MOSAIC									
Index No.	Revolution No.	MTVS Roll No.	MTVS File No.	DAS No.	Index No.	Revolution No.	MTVS Roll No.	MTVS File No.	DAS No.
1	140	4167	51	6607338	35	185	4218	48	8225604
2	140	4167	42	6606988	36	146	4174	39	8227725
3	181	4213	54	8081678	37	185	4218	45	8225534
4	179	4211	51	8010068	38	185	4218	39	8225464
5	140	4167	36	6606918	39	185	4218	36	8225384
6	181	4213	51	8081608	40	146	4174	21	8225518
7	181	4213	45	8081534	41	187	4220	27	8227284
8	140	4167	30	6606848	42	107	4131	84	8419298
9	181	4213	42	8081468	43	107	4131	78	8419229
10	142	4169	30	6678668	44	187	4220	48	8227634
11	103	4125	84	5275448	45	187	4220	45	8227564
12	142	4169	24	6678598	46	187	4220	39	8227494
13	103	4125	78	5275378	47	187	4220	36	8227424
14	142	4169	57	6679228	48	187	4220	30	8227354
15	183	4215	34	8153918	49	148	4177	21	8394778
16	142	4169	48	6678978	50	109	4133	84	8491258
17	142	4169	42	6678908	51	109	4133	78	8491188
18	142	4169	36	6678738	52	148	4177	54	8395108
19	183	4215	22	8153498	53	148	4177	45	8394758
20	144	4171	21	8750558	54	148	4177	39	8394688
21	183	4215	16	8153358	55	148	4177	33	8394618
22	183	4215	13	8153288	56	189	4222	36	8392244
23	144	4171	54	8751188	57	189	4222	30	8391174
24	144	4171	45	8750838	58	189	4222	27	8391104
25	183	4215	31	8153638	59	189	4222	48	8394454
26	144	4171	39	8750768	60	150	4179	39	8966718
27	183	4215	28	8153568	61	150	4179	33	8966648
28	144	4171	33	8750698	62	189	4222	39	8393314
29	144	4171	27	8750628	63	150	4179	27	8966578
30	185	4218	30	8225324	64	150	4179	21	8966508
31	185	4218	27	8225258	65	151	4224	30	8441344
32	105	4129	78	5347138	66	191	4224	27	8441274
33	146	4174	54	8823148	67	111	4136	88	5563218
34	146	4174	45	8822798	68	146	4174	27	8822588



LOCATION OF QUADRANGLE ON MM 71 MARS PLANNING CHART (G. deVaucouleurs, J. Roth, 1971)

PRELIMINARY GEOLOGIC MAP OF THE MEMNONIA QUADRANGLE OF MARS

VIKING MARS 1975 LANDING SITE

BY
T. A. Mutch
DECEMBER 1972

Mars (Memnonia quad.) geol. 1:5,000,000. 1972.
M(200)
R290
no. 73-200
C.1

