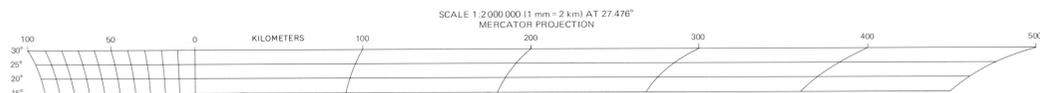
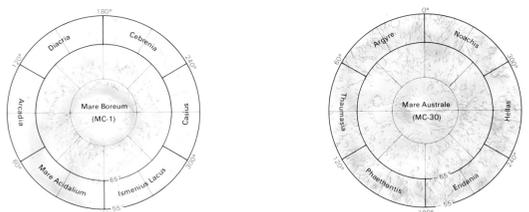


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 200 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally enhanced by the Jet Propulsion Laboratory's Mission and Test Imaging System to accentuate high-frequency detail. Image placement is based on the 1978 control net (Davies, M. E., and others, 1978, Control net of Mars: February 1978: The Rand Corp. R02309-NASA). At least 66 percent of the image control points lie within 0.5 mm (1 km) of their published locations.

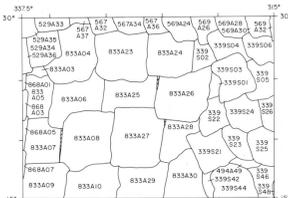


Interior—Geological Survey, Reston, Va.—1982—G82245
Prepared on behalf of the Mars Data Analysis Program,
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14,574



1329 NW	1328 NE	1325 NW	1322 NE	1317 NW	1314 NE	1309 NW	1306 NE	1301 NW	1298 NE	1293 NW	1290 NE	1285 NW	1282 NE	1277 NW	1274 NE	1269 NW	1266 NE	1261 NW	1258 NE	1253 NW	1250 NE	1245 NW	1242 NE	1237 NW	1234 NE	1229 NW	1226 NE	1221 NW	1218 NE	1213 NW	1210 NE	1205 NW	1202 NE	1197 NW	1194 NE	1189 NW	1186 NE	1181 NW	1178 NE	1173 NW	1170 NE	1165 NW	1162 NE	1157 NW	1154 NE	1149 NW	1146 NE	1141 NW	1138 NE	1133 NW	1130 NE	1125 NW	1122 NE	1117 NW	1114 NE	1109 NW	1106 NE	1101 NW	1098 NE	1093 NW	1090 NE	1085 NW	1082 NE	1077 NW	1074 NE	1069 NW	1066 NE	1061 NW	1058 NE	1053 NW	1050 NE	1045 NW	1042 NE	1037 NW	1034 NE	1029 NW	1026 NE	1021 NW	1018 NE	1013 NW	1010 NE	1005 NW	1002 NE	997 NW	994 NE	989 NW	986 NE	981 NW	978 NE	973 NW	970 NE	965 NW	962 NE	957 NW	954 NE	949 NW	946 NE	941 NW	938 NE	933 NW	930 NE	925 NW	922 NE	917 NW	914 NE	909 NW	906 NE	901 NW	898 NE	893 NW	890 NE	885 NW	882 NE	877 NW	874 NE	869 NW	866 NE	861 NW	858 NE	853 NW	850 NE	845 NW	842 NE	837 NW	834 NE	829 NW	826 NE	821 NW	818 NE	813 NW	810 NE	805 NW	802 NE	797 NW	794 NE	789 NW	786 NE	781 NW	778 NE	773 NW	770 NE	765 NW	762 NE	757 NW	754 NE	749 NW	746 NE	741 NW	738 NE	733 NW	730 NE	725 NW	722 NE	717 NW	714 NE	709 NW	706 NE	701 NW	698 NE	693 NW	690 NE	685 NW	682 NE	677 NW	674 NE	669 NW	666 NE	661 NW	658 NE	653 NW	650 NE	645 NW	642 NE	637 NW	634 NE	629 NW	626 NE	621 NW	618 NE	613 NW	610 NE	605 NW	602 NE	597 NW	594 NE	589 NW	586 NE	581 NW	578 NE	573 NW	570 NE	565 NW	562 NE	557 NW	554 NE	549 NW	546 NE	541 NW	538 NE	533 NW	530 NE	525 NW	522 NE	517 NW	514 NE	509 NW	506 NE	501 NW	498 NE	493 NW	490 NE	485 NW	482 NE	477 NW	474 NE	469 NW	466 NE	461 NW	458 NE	453 NW	450 NE	445 NW	442 NE	437 NW	434 NE	429 NW	426 NE	421 NW	418 NE	413 NW	410 NE	405 NW	402 NE	397 NW	394 NE	389 NW	386 NE	381 NW	378 NE	373 NW	370 NE	365 NW	362 NE	357 NW	354 NE	349 NW	346 NE	341 NW	338 NE	333 NW	330 NE	325 NW	322 NE	317 NW	314 NE	309 NW	306 NE	301 NW	298 NE	293 NW	290 NE	285 NW	282 NE	277 NW	274 NE	269 NW	266 NE	261 NW	258 NE	253 NW	250 NE	245 NW	242 NE	237 NW	234 NE	229 NW	226 NE	221 NW	218 NE	213 NW	210 NE	205 NW	202 NE	197 NW	194 NE	189 NW	186 NE	181 NW	178 NE	173 NW	170 NE	165 NW	162 NE	157 NW	154 NE	149 NW	146 NE	141 NW	138 NE	133 NW	130 NE	125 NW	122 NE	117 NW	114 NE	109 NW	106 NE	101 NW	98 NE	93 NW	90 NE	85 NW	82 NE	77 NW	74 NE	69 NW	66 NE	61 NW	58 NE	53 NW	50 NE	45 NW	42 NE	37 NW	34 NE	29 NW	26 NE	21 NW	18 NE	13 NW	10 NE	5 NW	2 NE	1 NW	0 NE	1 NW	2 NE	3 NW	4 NE	5 NW	6 NE	7 NW	8 NE	9 NW	10 NE	11 NW	12 NE	13 NW	14 NE	15 NW	16 NE	17 NW	18 NE	19 NW	20 NE	21 NW	22 NE	23 NW	24 NE	25 NW	26 NE	27 NW	28 NE	29 NW	30 NE	31 NW	32 NE	33 NW	34 NE	35 NW	36 NE	37 NW	38 NE	39 NW	40 NE	41 NW	42 NE	43 NW	44 NE	45 NW	46 NE	47 NW	48 NE	49 NW	50 NE	51 NW	52 NE	53 NW	54 NE	55 NW	56 NE	57 NW	58 NE	59 NW	60 NE	61 NW	62 NE	63 NW	64 NE	65 NW	66 NE	67 NW	68 NE	69 NW	70 NE	71 NW	72 NE	73 NW	74 NE	75 NW	76 NE	77 NW	78 NE	79 NW	80 NE	81 NW	82 NE	83 NW	84 NE	85 NW	86 NE	87 NW	88 NE	89 NW	90 NE	91 NW	92 NE	93 NW	94 NE	95 NW	96 NE	97 NW	98 NE	99 NW	100 NE
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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 454, 2205 North Gemini Drive, Flagstaff, Arizona 86001. A replacement copy will be returned.



INDEX TO VIKING PICTURES
The mosaic was made with the Viking pictures outlined above. Coverage at comparable resolution was not available in cross-hatched areas. Copies of various enhancements of these pictures are available from National Space Science Data Center, Code 601 Goddard Space Flight Center, Greenbelt, MD 20771.



LOCATION OF SELECTED FEATURES
Contrast in the reduced base mosaic was purposely suppressed to emphasize the names.

INDEX OF PUBLISHED PHOTOMOSAICS
Quadrangle availability is indicated by an "I" series number.

CONTROLLED PHOTOMOSAIC OF THE ARABIA NORTHEAST QUADRANGLE OF MARS
M 2M 22/326 CM
MC-12 NE
1982

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