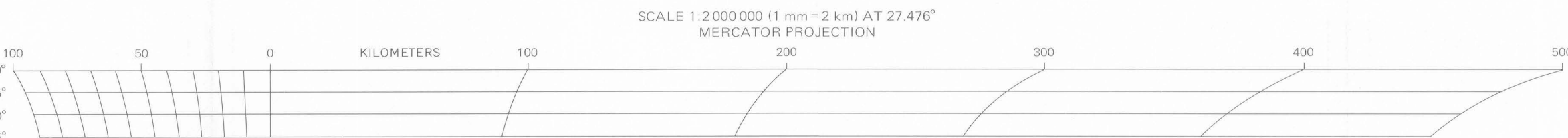


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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. ROZ309-NASA). At least 66 percent of the image control points lie within 0.5 mm (1 km) of their published locations.

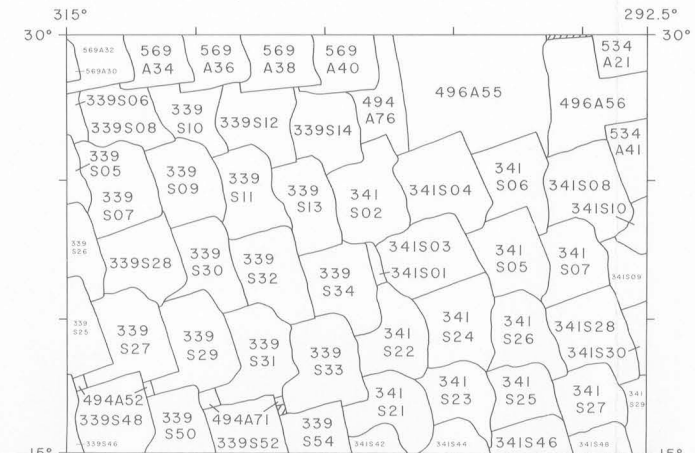


Interior - Geological Survey, Reston, Va. - 1982 - G81395
Prepared on behalf of the Mars Data Analysis Program,
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14,575

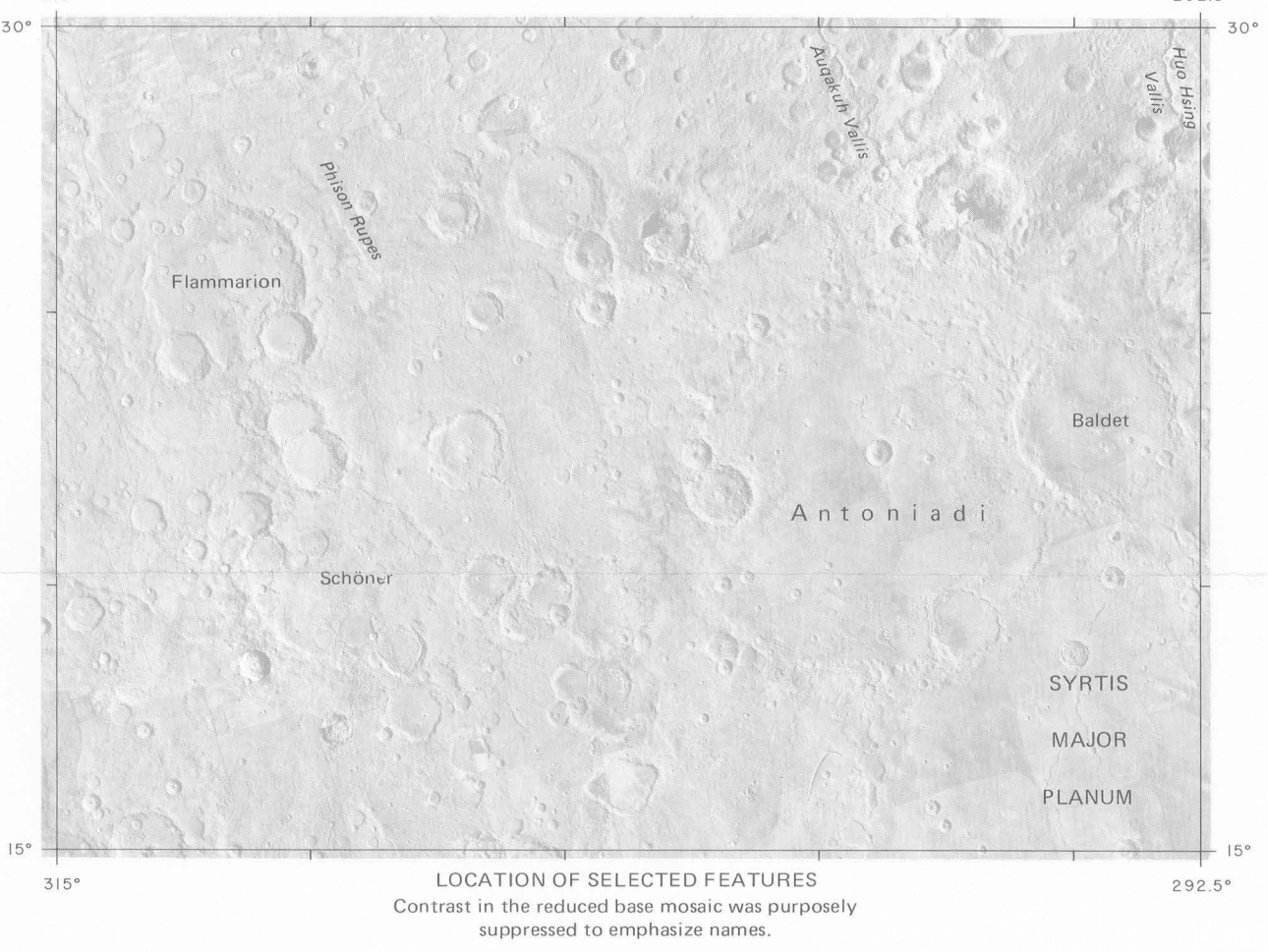
| 100°W | 110°W | 120°W | 130°W | 140°W | 150°W | 160°W | 170°W | 180°W |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 1228 99 36 | 1229 99 37 | 1230 99 38 | 1231 99 39 | 1232 99 40 | 1233 99 41 | 1234 99 42 | 1235 99 43 | 1236 99 44 |
| 1237 99 45 | 1238 99 46 | 1239 99 47 | 1240 99 48 | 1241 99 49 | 1242 99 50 | 1243 99 51 | 1244 99 52 | 1245 99 53 |
| 1246 99 54 | 1247 99 55 | 1248 99 56 | 1249 99 57 | 1250 99 58 | 1251 99 59 | 1252 99 60 | 1253 99 61 | 1254 99 62 |
| 1255 99 63 | 1256 99 64 | 1257 99 65 | 1258 99 66 | 1259 99 67 | 1260 99 68 | 1261 99 69 | 1262 99 70 | 1263 99 71 |
| 1264 99 72 | 1265 99 73 | 1266 99 74 | 1267 99 75 | 1268 99 76 | 1269 99 77 | 1270 99 78 | 1271 99 79 | 1272 99 80 |
| 1273 99 81 | 1274 99 82 | 1275 99 83 | 1276 99 84 | 1277 99 85 | 1278 99 86 | 1279 99 87 | 1280 99 88 | 1281 99 89 |
| 1282 99 90 | 1283 99 91 | 1284 99 92 | 1285 99 93 | 1286 99 94 | 1287 99 95 | 1288 99 96 | 1289 99 97 | 1290 99 98 |
| 1291 99 99 | 1292 99 00 | 1293 99 01 | 1294 99 02 | 1295 99 03 | 1296 99 04 | 1297 99 05 | 1298 99 06 | 1299 99 07 |

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

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, 2255 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.



CONTROLLED PHOTOMOSAIC OF THE SYRTIS MAJOR NORTHWEST QUADRANGLE OF MARS
M 2M 22/304 CM
MC-13 NW
1982

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