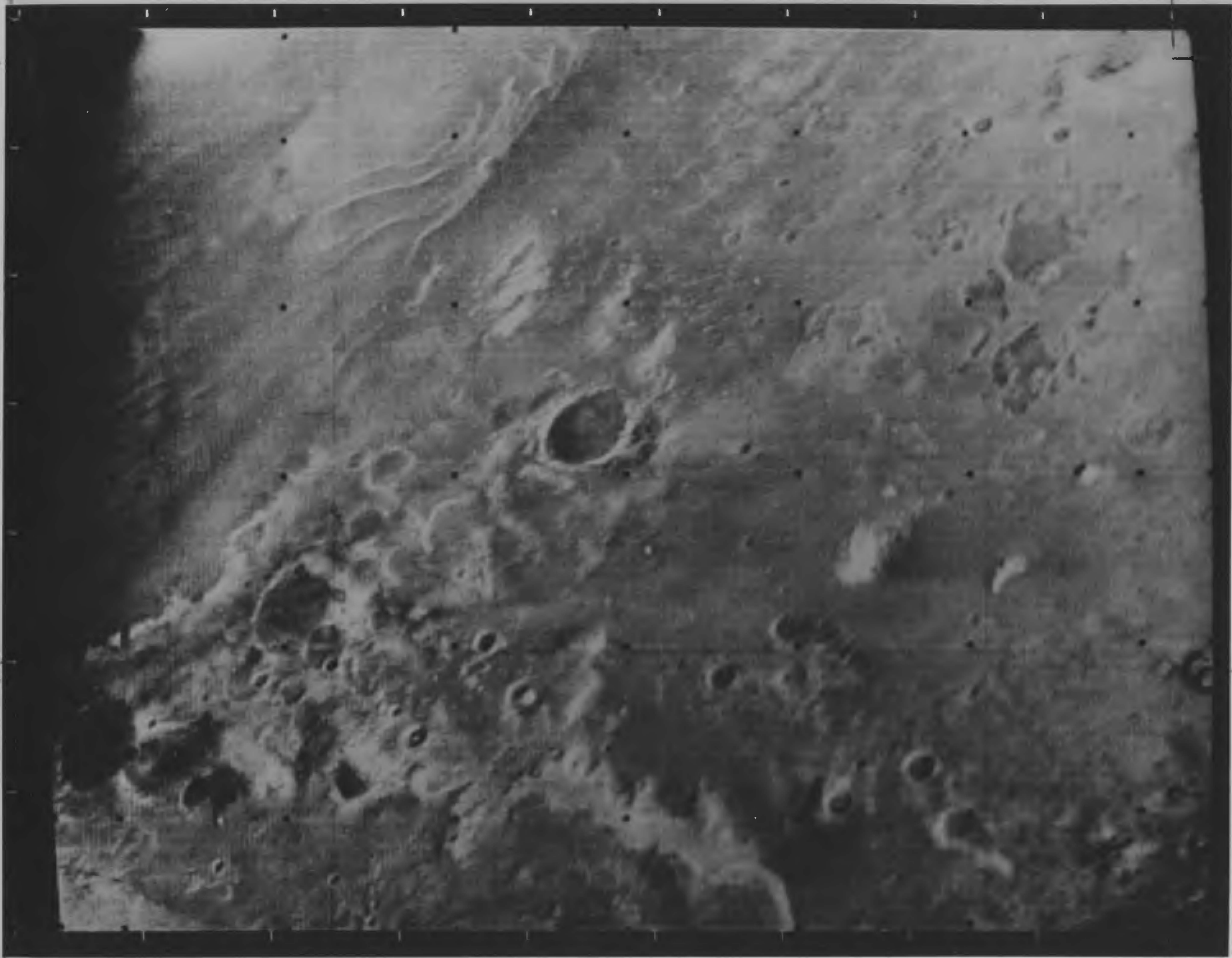


MARINER 7

TOP

FRAME 110





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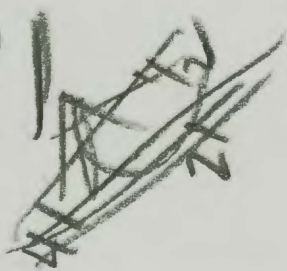
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MARINER 7 - 110
(Near Encounter Picture 17)

This picture of the south polar cap of Mars was taken by a television camera aboard Mariner 7 a few minutes before 10 p.m. PDT on August 4, 1969, as the spacecraft neared its closest approach to the planet. The picture was taken from an altitude of about 3300 miles and covers an area about 740 by 930 miles. The Martian south pole itself is believed to be located in the lower right portion of the picture (near the horizontal streaks). Clearly visible are three large craters with partially bare floors. Other irregular bare areas are seen at upper right. Apparent are numerous snowdrift-like formations, some of which appear to be related to local relief. At least one irregular cloud-like object is seen at the upper left. Direction of illumination is from the left. Sun angle at center of the picture is 10° above the horizon.

4 1/2 x 2 1/2
Fig. B4
1950



from BK,
Planetary Exploration
by Carl Sagan
Condor Lectures

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