

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
WASHINGTON, D. C. 20546



FOR RELEASE: February 7, 1974  
PHOTO NO. 74-8-84  
MARINER 10-7 (Venus)

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The nearly full planet Venus is portrayed in this mosaic of television pictures taken 24 hours after Mariner 10 made its closest approach to Venus. Taken from a distance of about 440,000 miles, the photos show cloud patterns visible only in ultraviolet light. Features as small as 10 miles can be resolved. (Venus is about 7560 miles in diameter.) The south ecliptic pole is near the bottom of the mosaic and the morning terminator is to the right. Cloud patterns show the general circulation of Venus' upper atmosphere. Minor blemishes in the photo will be removed by computer processing.

x-8.954

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Science: Artificial Satellite (Mariner: Mariner-10)

La casi totalidad del planeta Venus está retratada en este mosaico de imágenes de televisión tomadas 24 horas después de que el Mariner-10 realizara su más cercana aproximación a Venus. Tomadas desde una distancia de unas 440.000 millas, las fotografías muestran las nubes solamente visibles con luz ultravioleta. Detalles tan pequeños como de 10 millas pueden resolverse. (Venus tiene alrededor de 7.560 millas de diámetro). El polo sur eclíptico está cerca del extremo inferior del mosaico, y el límite de iluminación matutino está a la derecha. Las nubes muestran la circulación general de la atmósfera superior de Venus. Las manchas pequeñas serán eliminadas por el proceso del computador.

(Foto NASA)

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