

Prepared by the United States Geological Survey for the Kingdom of Saudi Arabia from computer enhanced Landsat MSS band 7 imagery.  
Imagery controlled to photointerfered ground positions. The root-mean-square error in position of well-defined features in relation to the graticule is approximately 154 meters.  
Transverse Mercator Projection

5 0 5 10 15 20 25 30 35 40 45 KILOMETERS

SCALE 1:250 000

5 0 5 10 15 20 25 30 35 40 45 MILES

Magnetic declination for 1983  
is 2°53' E over entire area.  
Annual rate of change 2 1/2' E

LANDSAT IMAGE MAP OF THE  
AL HAMAD QUADRANGLE  
SHEET 31D  
KINGDOM OF SAUDI ARABIA  
1983

M(670)5.1s  
250  
H/79  
c.1

Satellite Image and Adjoining Sheet Index

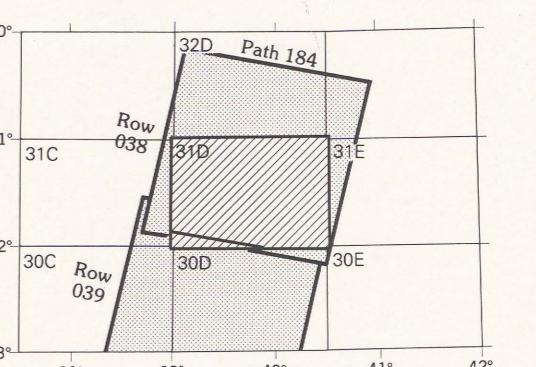


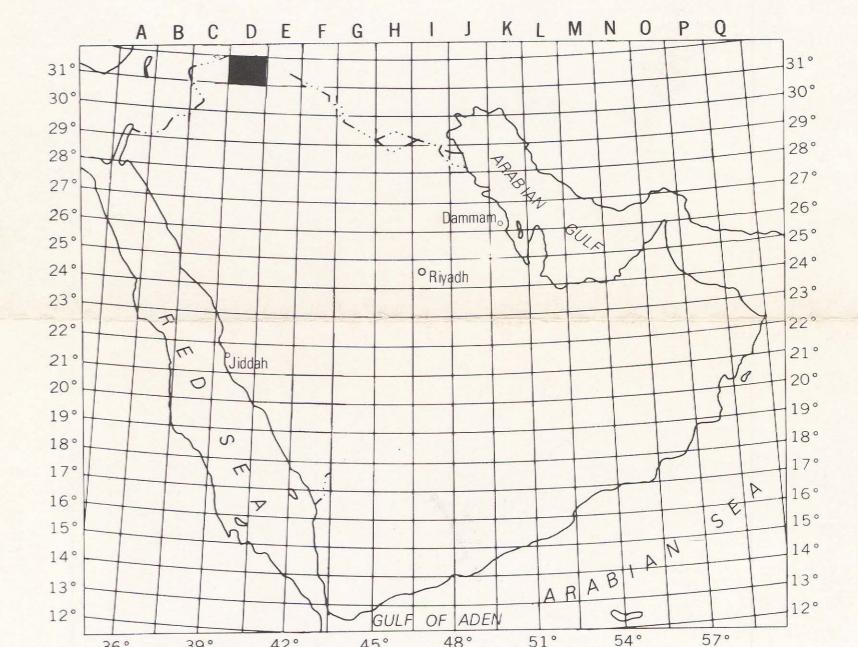
Image Index

Path/row	Image ID	Date acquired
184/38	1231-07261-7	Mar. 11, 1973
184/39	1231-07263-7	Mar. 11, 1973

Imagery acquired by NASA Landsat  
Multispectral Scanner (MSS)

Adjoining Sheet Index

32D Jabal 'Unazah  
31C Turayf 31D Al Hamad 31E Judayyidat 'Ar 'Ar  
30C Al Isawiyah 30D Ash Shuwayhiyah 30E Badanah



Index to 1:250,000-scale Landsat image maps  
of the Arabian Peninsula showing location of  
the Al Hamad quadrangle, 31D

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This map is preliminary and has not been edited or reviewed  
for conformity with U.S. Geological Survey standards



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