

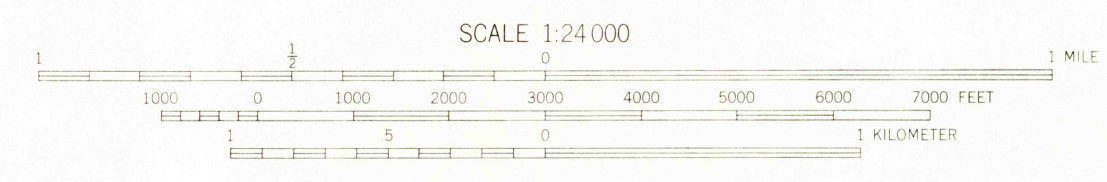
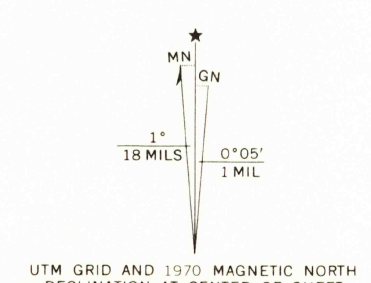
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

UNITED STATES  
DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

ARIEL QUADRANGLE  
FLORIDA-VOLUSIA CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped by the U. S. Coast & Geodetic Survey  
Edited and published by the Geological Survey  
Control by USC&GS(C) and USCE (E)  
Culture and drainage in part compiled from  
aerial photographs taken 1948  
Topography by plane-table methods 1949. Field check 1950  
Hydrography from surveys dated 1925, 1928, and 1929  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Florida coordinate system,  
east zone  
Dashed land lines indicate approximate location  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue  
Revisions shown in purple compiled by the Geological Survey from  
aerial photographs taken 1970. This information not field checked



CONTOUR INTERVAL 5 FEET  
DATUM IS MEAN SEA LEVEL  
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOW WATER  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 2 FEET ALONG THE OCEAN  
PERIODIC TIDES IN INDIAN RIVER NORTH ARE NEGLIGIBLE  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION

ROAD CLASSIFICATION  
Heavy-duty ——— Light-duty ———  
Unimproved dirt ———  
U. S. Route ——— State Route ———

ARIEL, FLA.  
N2852.5—W8045/7.5  
1950  
PHOTOREVISED 1970  
AMS 4841 IV NE—SERIES V847

4575  
JUN 6 1972