

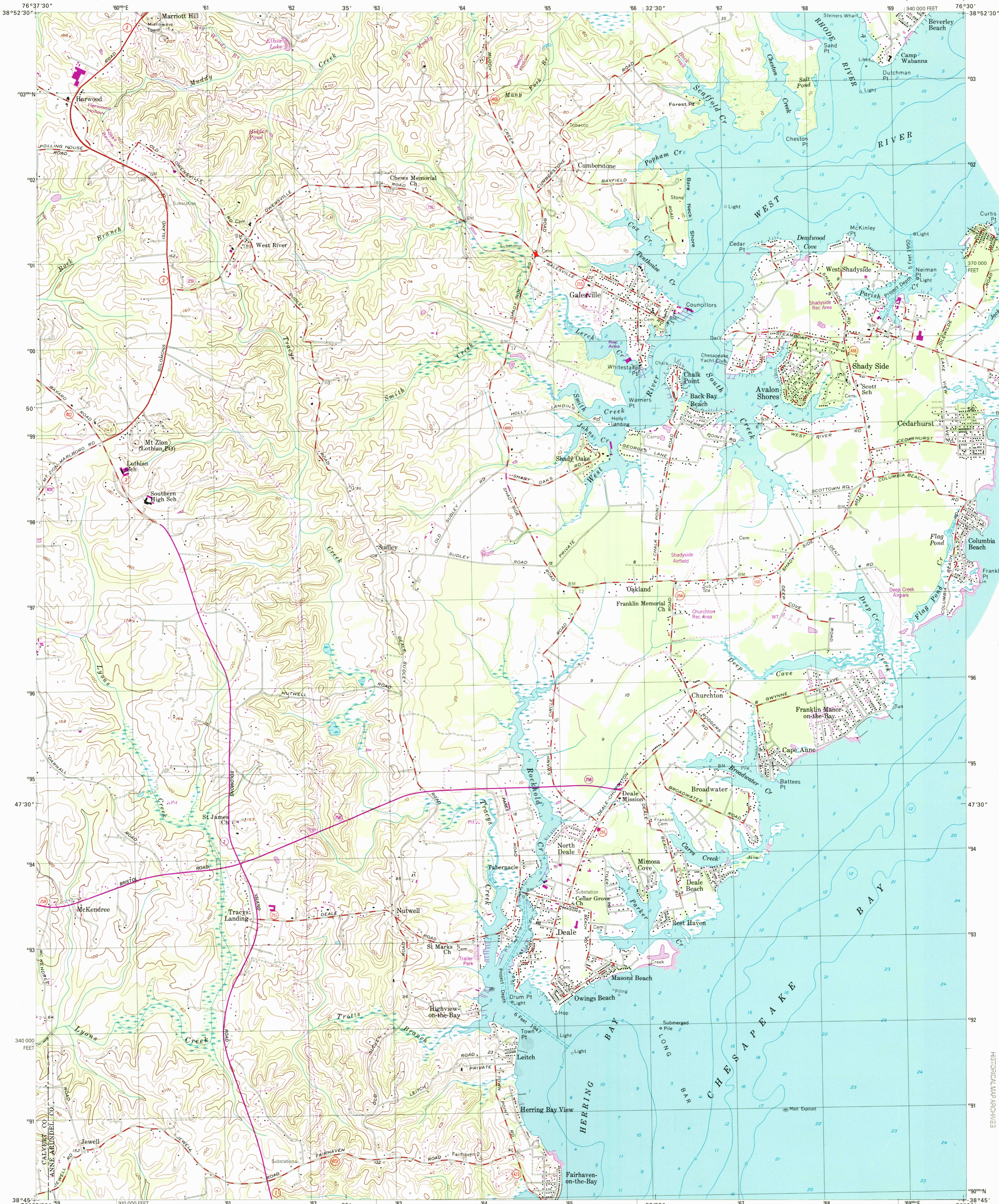


U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

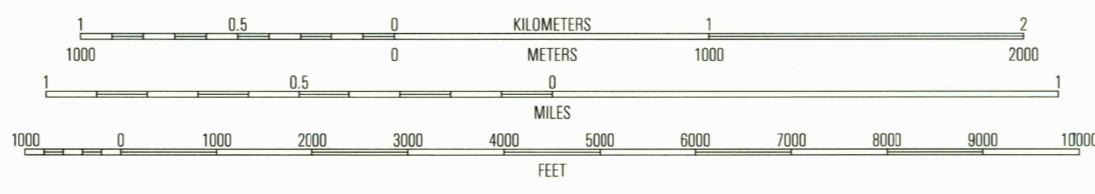
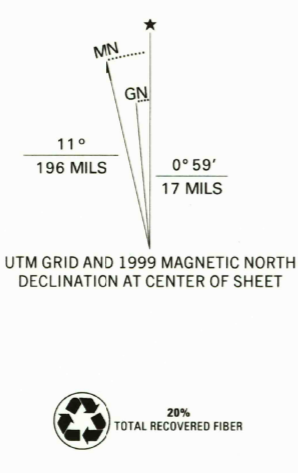


STATE OF MARYLAND  
MARYLAND GEOLOGICAL SURVEY

DEALE QUADRANGLE  
MARYLAND  
7.5-MINUTE SERIES (TOPOGRAPHIC)



Produced by the United States Geological Survey  
Topography compiled 1944. Planimetry derived from imagery taken 1977 and other sources. Photospected using imagery dated 1997; no major culture or drainage changes observed. Survey control current as of 1957. Boundaries verified 1999  
North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks: Maryland coordinate system (Lambert conformal conic)  
1000-meter Universal Transverse Mercator grid, zone 18  
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software  
Hydrography compiled from NOS chart 550 (1957)  
Information shown in purple may not meet USGS content standards and may conflict with previously mapped contours



SCALE 1:24 000  
CONTOUR INTERVAL 20 FEET  
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048  
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOWER LOW WATER  
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 0.9 FEET  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

1	2	3	Bowie
			2 South River
			3 Annapolis
			4 Bristol
4		5	Deale Co E
			6 Lower Marlboro
			7 North Beach
6	7	8	Chesapeake Bay 1 (all Water)

ADJOINING 7.5' QUADRANGLE NAMES

ROAD CLASSIFICATION  
Primary highway hard surface .....  
Secondary highway hard surface .....  
Light-duty road, hard or improved surface .....  
Unimproved road .....  
Interstate Route U.S. Route State Route

DEALE, MD  
1997  
NIMA 5661 1 SE-SERIES V833



RECEIVED  
SEP 3 0 1999  
USGS/MD  
HISTORICAL MAP ARCHIVES