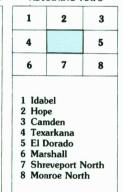


33093-A1-PL-100 Magnolia arkansas-louisiana 93° 00' 33° 30' T 14 S 300 000 FEET 1:100 000-scale (ARK.) planimetric map All C 30 X 60 MINUTE QUADRANGLE SHOWING • Elevations in meters Highways, roads and other manmade structures • Water features • Woodland areas • Geographic names GEOLOGICAL SURVEY Medlor 1986 Produced by the United States Geological Survey Compiled from USGS 1:24 000-scale topographic maps dated 1952-1978. Planimetry revised from aerial photographs taken 1983 and other source data. Revised information not field checked. Map edited 1986 Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator 25 000-foot grid ticks based on Arkansas coordinate system, south zone and Louisiana coordinate system, north zone 1927 North American Datum To place on the predicted North American Datum 1983, move the projection lines 10 meters south and 17 meters east There may be private inholdings within the boundaries of the National or State reservations shown on this map NATIONAL GEODETIC VERTICAL DATUM OF 1929 X THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS 6 7 8

To convert meters to feet multiply by 3.2808 To convert feet to meters multiply by 0.3048 UTM grid convergence (GN) and 1986 magnetic declination (MN) at center of map Diagram is approximate



## FOR SALE BY U.S. GEOLOGICAL SURVEY DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092 USGS NMD HISTORICAL MAP JUN 0 2 1986 REC'D FILE COPY **Topo**graphic Map Symbols Primary highway, hard surface Secondary highway, hard surface... Light duty road, principal street, hard or improved surface Other road or street; trail...... Route marker: Interstate; U.S.; State Railroad: standard gage; narrow gage Bridge; overpass; underpass .... Tunnel: road; railroad...... • 155 Built up area; locality; elevation. Airport; landing field; landing strip. National boundary.... \_\_\_\_ State boundary .... \_\_\_\_\_ County boundary ...... National or State reservation box and grant boundary J.S. public lands survey: range, Range, township; section line: protra Dam; dam with lock.. Cemetery; building..... Windmill; water well; spring..... Mine shaft; adit or cave; mine, quarry; gravel p Campground; picnic area; U.S. location n Ruins; cliff dwelling ..... Distorted surface: strip mine, lava; sand Contours: index; intermediate; supplementar Bathymetric contours: index; intermediat $\frown$ Stream, lake: perennial; intermittent. Rapids, large and small; falls, large and small.. Area to be submerged; marsh, swamp.. Land subject to controlled inundation; woodland ..... Scrub; mangrove ..... Orchard; vineyard .....

A pamphlet describing topographic maps is available on request