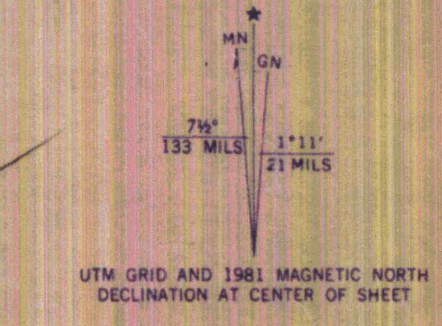




Mapped, edited, and published by the Geological Survey
 Control by USGS, NOS/NOAA, and USCE
 Topography by photogrammetric methods from aerial photographs
 taken 1962. Field checked 1964
 Polyconic projection. 10,000-foot grid ticks based on Pennsylvania
 coordinate system, south zone. 1,000-meter Universal Transverse
 Mercator grid ticks, zone 17, shown in blue. 1927 North American
 Datum. To place on the predicted North American Datum
 1983 move the projection lines 4 meters south and 20 meters west
 as shown by dashed corner ticks
 Fine red dashed lines indicate selected fence and field lines where
 generally visible on aerial photographs. This information is unchecked
 Areas covered by dashed light-blue pattern are subject to controlled
 inundation by Conemaugh Dam
 There may be private inholdings within the boundaries
 of the National or State reservations shown on this map



LOWER KITTANNING
PITTSBURGH

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

MAP MAY NOT BE COMPLETE OR ACCURATE

NAB 4/86
BOLIVAR, PA.

QUADRANGLE LOCATION
 N4022 5—W7907 5/7.5
 1964
 PHOTOREVISED 1981
 DMA 5184 1 NW—SERIES VES1

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST
 Revisions shown in purple and woodland compiled in cooperation with
 Commonwealth of Pennsylvania agencies from aerial photographs taken 1977
 and other sources. This information not field checked. Map edited 1981