UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PINE LAKES QUADRANGLE
FLORIDA
7.5 MINUTE SERIES (TOPOGRAPHIC)

4742 II SE (ALEXANDER SPRINGS)
4742 III SW (LAKE WOODRUFF)
4742 III SE (DE LAND)
4641 I NE (PAISLEY)
4741 IV NE (ORANGE CITY)
(SORRENTO) 4641 I SE
(SANFORD) 4741 IV SE
(SANFORD SW) 4741 IV SW

81°30′ — 81°22′30″ — 29°00′ — 28°52′30″ — 27′30″ — 57′30″ — 55′

452 000m E. — 453 — 454 — R. 28 E. — 27′30″ R. 29 E. — 456 — 457 — 459 — 25′ — 460 — 370 000 FEET — 461 — 462 — 463 000m E.

3207 000m N. — 3206 — 3205 — 3204 — 3203 — 3202 — 3200 — 3199 — 3198 — 3197 — 1 660 000 FEET — 3196 — 3195 000m N.

1 690 000 FEET — 3207 — 3205 — 3204 — 3203 — 3202 — 3200 — 3199 — 3198 — 3197 — 3196

T. 17 S. — T. 18 S.

0.3 MI. TO FLA. 42 — DE LAND 5 MI.

Lake Heron — Forest Hills — Forest Lake — Lake Holly — Lake Mack Park — Lake Mack — Jake Bay — Bear Lake — Cooter Pond — Hanna Lake — Buck Lake — St Claire Lake — Lake Tracy — Lake Marion — Dade Lake — Lake Lappin — Pine Hills — Florida Hills — Grass Lake — Crystal Lake — Pine Lakes — Spruce Lake — Deer Lake — Lake Dot — Bass Lake — Pine Lake — Jack Lake — South Lake — South Pine Lakes — Fish Lake — Gator Lake — Gourd Lake — Hedges Pond — Walker Pond — Owens Pond — Lake Jordan

Crows Bluff — Dredger Islands — Mud Lake — Borrow Pit — Shell Creek — Artesian Well — Scrub Island — Bush Island — Otter Mound — HONTOON ISLAND STATE PARK

TRACY CANAL — TRACY CANAL — TRACY — RAILROAD — GRADE — JEEP TRAIL — TRAIL — Landing Strip — Cem — BM — Cassia — EUSTIS 12 MI. LEESBURG 28 MI.

Black Water Creek

ST. JOHNS — VOLUSIA CO — LIC — LT

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Planimetry by photogrammetric methods from aerial photographs taken 1957. Topography by planetable surveys 1962

Polyconic projection
10,000-foot grid based on Florida coordinate system, east zone
1000-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 26 meters south and 18 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

Where omitted, land lines have not been established

There may be private inholdings within the boundaries of the National or State reservations shown on this map

MN — GN — 3° 53 MILS — 0°13′ 4 MILS
UTM GRID AND 1988 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER
CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

USGS NMD HISTORICAL MAP ARCHIVES
NOV 03 1995
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THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revision shown in purple compiled from aerial photographs taken 1984 and other sources. This information not field checked. Map edited 1988

FLORIDA
QUADRANGLE LOCATION

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

PINE LAKES, FLA.
28081-H4-TF-024
1962
PHOTOREVISED 1988
DMA 4741 IV NW—SERIES V847
ISBN 0-607-14225-1

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988