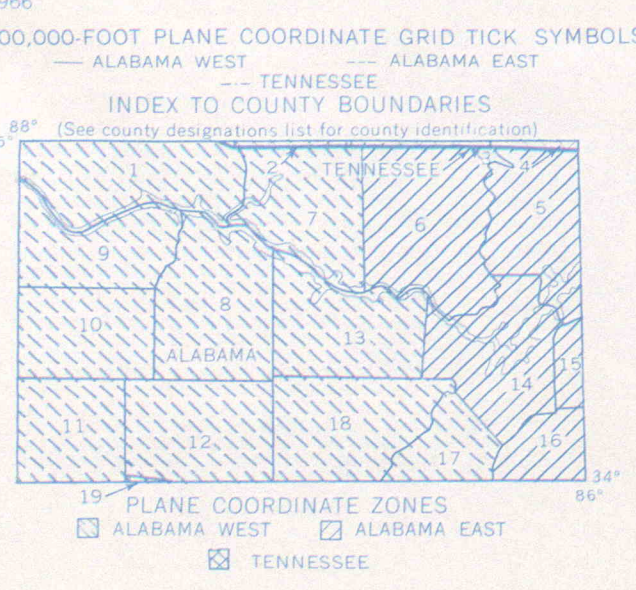


GADSDEN ALA., TENN. (N) 16-5

Base prepared by the U. S. Army Topographic Command (TWSK), Washington, D. C., completed in 1956 by photogrammetric methods and from United States quadrangles, 1:24,000, 1:25,000, and 1:62,500, 1935-56. Photometry revised from aerial photographs taken 1953. Control by USGS, USCGS, USACE and Tennessee Valley Authority. Map held checked 1956. Limited revision by U. S. Geological Survey 1966.



HORIZONTAL CONTROL

Coast & Geodetic Survey	Geological Survey	Other Agencies
▲	▲	▲
▲	▲	▲
○	○	○
60		
WASHINGTON		

Monumented Point - First Order
Monumented Point - Second Order
Monumented Point - Third Order
Located Object - Third Order
See separate index for names of numbered stations
Station reported not recovered
Measured Base - Electro Optical or Taped
Line of triangulation observed
Line of triangulation observed from one end only
Measured length - Electronic or Taped
Theodolite Traverse - Electronic Distance
Transit Traverse - Taped Distance Third Order
Transit Traverse and Leveling Third Order

VERTICAL CONTROL

Coast & Geodetic Survey	Geological Survey	Other Agencies
—	—	—
—	—	—
—	—	—
—	—	—

First Order
Second Order
Third Order

STATE SURVEY CONTROL

Horizontal or Vertical

CODE OF OTHER AGENCIES

U. S. Army Topographic Command
Geodetic control established by other agencies, shown in brown, may be obtained from Geodesy Division, NOAA, Rockville, Maryland 20852

Scale 1:250,000
0 5 10 15 20 25 30 Statute Miles
0 25,000 50,000 75,000 100,000 Feet

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

TRANSVERSE MERCATOR PROJECTION

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

LEGEND

ROADS: Hard surface, heavy duty; More than two lanes wide; Two lanes wide, Federal route marker; Hard surface, medium duty; More than two lanes wide; Two lanes wide, State route marker; Improved light duty; Unimproved dirt; Trail

RAILROADS: Single track; Double or Multiple Standard Gauge; Narrow Gauge

BOUNDARIES: International; State; County; Park or Reservation

LANDMARKS: School; Church; Other; Horizontal control point; Spot elevation in feet; Marsh or swamp; Intermittent or dry stream; Power line

COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

34 087 4	34 087 1	34 086 4	34 086 1
34 087 3	34 087 2	34 086 3	34 086 2
11	12	18	16
19	17	18	16

ORDER CONTROL DATA SHOWN IN BLACK OR BROWN, BY 30 MINUTE QUADRANGLE UNITS FROM GEODESY DIVISION, NOAA, ROCKVILLE, MARYLAND 20852.

GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

ORDER CONTROL DATA SHOWN IN RED, BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON, D. C. 20542.

COUNTY DESIGNATIONS

1. Lauderdale	12. Madison
2. Giles	13. Morgan
3. Lincoln	14. Marshall
4. Franklin	15. Randolph
5. Jackson	16. De Kalb
6. Madison	17. Etowah
7. Limestone	18. Blount
8. Lawrence	19. Cullman
9. Colbert	20. Walker
10. Franklin	

ALABAMA (Cont.) ALABAMA (Cont.)

196. Anzola	213. Mt. Hope	232. Hagen Green
197. Sneed	214. Bear Creek	233. Veto
198. Blountville	215. Belgreen	234. Mount Rose
199. Woodville	216. Larkwood	235. Regentville
200. Ashland	217. Sun Valley	236. Muscle Shoals
201. Double Springs	218. Hartselle	237. Grassly Springs
202. Hartselle	219. Decatur	TENNESSEE
203. Nashville	220. Larkin	8. Larkin
204. Athens	221. Van Over	9. Phlox
205. Guntersville	222. Lumberton	10. Hael Green
206. Oxford	223. Bark	11. Veto
207. Hartsville	224. Landon	12. Mount Rose
208. Daviston	225. Phlox	

U. S. DEPT. OF COMMERCE
 COAST AND GEODETIC SURVEY
 WASHINGTON, D. C.
 FORM - 6471 (1-63)
 DATE MARCH 1972

INDEX TO
NUMBERED HORIZONTAL CONTROL STATIONS
by the
Coast and Geodetic Survey

PAGE 1
 QUADS 340861 2-3 4 & 340871-2-3 4
 ALA-TENN
 LATITUDE 34° 00' TO 35 00'
 LONGITUDE 86° 00' TO 88 00'
 DIAGRAM NI 16-5 GADSDEN

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
1	DALLAS MILLS WATER TANK	340864	1015
1	LINCOLN MILLS BLACK WATER TANK	340864	1021
2	HUNTSVILLE METHODIST EPISCOPAL CHURCH SPIRE	340864	1018
2	HUNTSVILLE PRESBYTERIAN CHURCH SPIRE	340864	1019
2	HUNTSVILLE TIMES BLDG FLAGPOLE	340864	1020
3	DOUBLE SPRINGS MAGNETIC STATION	340872	1010
3	WEAVER	340872	1009
3	WINSTON COUNTY COURTHOUSE CUPOLA	340872	1012

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
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