

Geodetic and Charting Publications

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U.S. DEPARTMENT OF COMMERCE
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INTRODUCTION

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NOAA Technical Memorandum NOS C&GS 2. GPS-assisted phototriangulation Package (GAPP) users guide, Version 1.02 by Lucas, James R., November 1989, 25 p., \$2.20.

NOAA Technical Memorandum NOS C&GS 3. Overview of the integrated digital photogrammetric facility by Snyder, Gregory I., November 1990, 10 p., \$1.30.

NOAA Technical Memorandum NOS C&GS 4. General Integrated Analytical Triangulation Program (GIANT), Version 3.9, User's Guide

NOAA Technical Memorandum NOS NGS- 1. Use of climatological and meteorological data in the planning and execution of National Geodetic Survey field operations by Leffler, Robert J., December 1975, 30 p., \$2.20.

NOAA Technical Memorandum NOS NGS- 2. Final Report on Responses to Geodetic Data Questionnaire by Spencer, Jr., John F., March 1976, 40 p., \$3.10.

NOAA Technical Memorandum NOS NGS- 3. Adjustment of geodetic field data using a sequential method by Whiting, Marvin C., and Pope, Allen J., March 1976, 11 p., \$1.30.

NOAA Technical Memorandum NOS NGS- 4. Reducing the profile of sparse symmetric matrices by Snay, Richard A., June 1976, 24 p., \$2.20.

NOAA Technical Memorandum NOS NGS- 6. Determination of North American Datum 1983 coordinates of map corners by Vincenty, T. , October 1976, 8 p., \$1.30.

NOAA Technical Memorandum NOS NGS- 7. Recent elevation change in southern California by Holdahl, Sandford R., February 1977, 19 p., \$1.60.

NOAA Technical Memorandum NOS NGS- 8. Establishment of calibration base lines by Dracup, Joseph F., Fronczek, Charles J., Spofford, Paul R., and Tomlinson, Raymond W., February 1994, 17 p., \$1.60.

NOAA Technical Memorandum NOS NGS-10. Use of calibration base lines by Fronczek, Charles J., December 1977, 38 p., \$2.80.

NOAA Technical Memorandum NOS NGS-11. Applicability of array algebra by Snay, Richard A., February 1978, 6 p., \$1.30.

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NOAA Technical Memorandum NOS NGS-15. Goldstone validation survey - phase 1 by Carter, William E., and Pettey, James E., November 1978, 39 p., \$2.80.

NOAA Technical Memorandum NOS NGS-16. Determination of North American Datum 1983 coordinates of map corners (second prediction) by Vincenty, T. , April 1979, 5 p., \$1.30.

NOAA Technical Memorandum NOS NGS-18. Determination of astronomic positions for California-Nevada boundary monuments near Lake Tahoe by Pettey, James E., March 1979, 16 p., \$1.60.

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NOAA Technical Memorandum NOS NGS-24. Determination of the geopotential from satellite-to-satellite tracking data by Douglas, Bruce C., Goad, Clyde C., and Morrison, Foster, January 1980, 29 p., \$2.20.

NOAA Technical Memorandum NOS NGS-26. Motorized leveling at the National Geodetic Survey by Poetzschke, Heinz , October 1980, 17 p., \$1.60.

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NOAA Technical Memorandum NOS NGS-57. General Integrated Analytical Triangulation Program GIANT, Version 4.0 Users Guide by Malhotra, Roop C., and Elassal, Atef A., July 1995, 94 p., \$6.90.

NOAA Technical Memorandum NOS NGS-58. Guidelines for Establishing GPS-Derived Ellipsoid Heights (Standards 2 cm and 5 cm) Version 4.3 by Zilkoski, David B., July 1997, 22 p., \$1.90.

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NOAA Technical Report NOS 95 NGS 24. Proceedings of Symposium No. 5: geodetic applications of radio interferometry, Int. Assn. of Geodesy, Tokyo, Japan, May 7-8, 1982 by Tusuchiya, A. , and Carter, William E., May 1982, 334 p., \$25.00.

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NOAA Technical Report NOS 137 NGS 49. Proceedings of the AGU Chapman Conference on Geodetic VLBI: Monitoring Global Change by Carter, William E., and American Geophysical Union, January 1991, 440 p., \$31.30.

NOAA Manuals

NOAA Manual NOS NGS 1. Geodetic bench marks by Floyd, Richard P., September 1978, 50 p., \$3.40.

NOAA Manual NOS NGS 3. Geodetic leveling (unbound, supersedes C&GS Special Publication 239) by Schomaker, M. Christine, and Berry, Ralph Moore, August 1981, 209 p., \$16.30.

NOAA Manual NOS NGS 5. State plane coordinate system of 1983 by Stem, James E., January 1989, 119 p., \$10.00.

NOAA Professional Papers

NOAA Professional Paper 12. A priori prediction of roundoff error accumulation in the solution of a super-large geodetic normal equation system by Meissl, Peter , June 1980, 128 p., \$9.40.

NOAA Professional Paper NOS 2. North American Datum of 1983 by Schwarz, Charles R., December 1989, 256 p., \$25.00.

C&GS Special Publications

C&GS Special Publication 5. (sixth edition). Tables for a polyconic projection of maps and

lengths of terrestrial arcs of meridian and parallels based upon Clarke's Reference Spheroid of 1866 by C&GS, June 1946, 189 p., \$15.00.

C&GS Special Publication 8. Formulas and tables for the computation of geodetic positions (first 19 pages text only, no tables included). by C&GS, January 1911, 19 p., \$1.60.

C&GS Special Publication 28. Application of the theory of least squares to the adjustment of triangulation by Adams, Oscar S., May 1915, 220 p., \$16.30.

C&GS Special Publication 68. (fifth edition). Elements of map projection with applications to map and chart construction by Adams, Oscar S., and Deetz, Charles H., January 1921, 226 p., \$16.30.

C&GS Special Publication 71. (superseded by two pages). Relationship between local plane coordinates and geographic positions by Reynolds, Walter F., January 1921, 2 p., \$1.30.

C&GS Special Publication 138. Manual of triangulation computation and adjustment by Reynolds, Walter F., August 1928, 242 p., \$17.50.

C&GS Special Publication 193 (first 14 pages only). Manual of plane-coordinate computation by Adams, Oscar S., and Claire, Charles N., May 1935, 14 p., \$1.30.

C&GS Special Publication 205. Cartography, review and guide for the construction and use of charts by Deetz, Charles H., June 1936, 83 p., \$5.90.

C&GS Special Publication 225. Manual of reconnaissance for triangulation by Musseter, William, January 1941, 100 p., \$7.50.

C&GS Special Publication 234. Signal building by Bilby, Jasper S., March 1943, 43 p., \$3.10.

C&GS Special Publication 235. State coordinate systems (a manual for surveyors) by Mitchell, Hugh C., and Simmons, Lansing G., May 1945, 62 p., \$4.40.

C&GS Special Publication 240. Manual of leveling computation and adjustment by Rappleye, Howard S., August 1948, 178 p., \$13.80.

C&GS Special Publication 241. Natural tables for the computation of geodetic positions: Clarke spheroid of 1866 by Simmons, Lansing G., September 1949, 86 p., \$6.30.

C&GS Special Publication 246. Sines, cosines, and tangents, ten decimal places with ten second interval: zero degrees-six degrees by C&GS, September 1949, 36 p., \$2.80.

C&GS Special Publication 247. Manual of geodetic triangulation by Gossett, Franklin R., January 1950, 344 p., \$25.00.

C&GS Special Publication 251. Conformal projections in geodesy and cartography by Thomas, Paul D., February 1952, 142 p., \$10.60.

C&GS Special Publication 252. Plane coordinate projection tables: Texas (Lambert) by C&GS, January 1950, 64 p., \$4.70.

C&GS Special Publication 253. Plane coordinate projection tables: California (Lambert) by C&GS, January 1951, 70 p., \$5.00.

C&GS Special Publication 255. Plane coordinate projection tables: Florida (Lambert and Transverse Mercator) by C&GS, January 1951, 30 p., \$2.20.

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C&GS Special Publication 306. Plane coordinate projection tables: Idaho (Transverse Mercator) by C&GS, March 1953, 32 p., \$2.50.

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NOTE - Index to State Plane Coordinate Zone Code is available for \$7.00. This 1:5,000,000 scale U.S. map shows at a glance the counties within each State Plane Coordinate Zone and the type of

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