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NOAA Technical Memorandum NESDIS 11



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PUBLICATIONS AND FINAL REPORTS  
ON CONTRACTS AND GRANTS, 1984

Washington, D.C.  
April 1985

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**U.S. DEPARTMENT OF  
COMMERCE**

/ National Oceanic and  
Atmospheric Administration

/ National Environmental Satellite, Data,  
and Information Service



NOAA TECHNICAL MEMORANDUMS

National Environmental Satellite, Data, and Information Service

The National Environmental Satellite, Data, and Information Service (NESDIS) manages the Nation's civil Earth-observing satellite systems, as well as global national data bases for meteorology, oceanography, geophysics, and solar-terrestrial sciences. From these sources, it develops and disseminates environmental data and information products critical to the protection of life and property, national defense, the national economy, energy development and distribution, global food supplies, and the development of nature resources.

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A partial listing of more recent memorandums appears below:

- NESDIS 113 Satellite Identification of Surface Radiant Temperature Fields of Subpixel Resolution. Jeff Dozier, December, 11 pp. (PB81 184038)
- NESDIS 114 An Attitude Predictor/Target Selector. Bruce M. Sharts, February 1981, 21 pp. (PB81 200479)
- NESDIS 115 Publications and Final Reports on Contracts and Grants, 1980. Nancy Everson (Compiler), June 1981, 13 pp (PB82 103219)
- NESDIS 116 Modified Version of the TIROS N/NOAA A-G Satellite Series (NOAA E-J) - Advanced TIROS-N (ATN). Arthur Schwalb, February 1982, 29 pp. (PB82 194044)
- NESDIS 117 Publications and Final Reports on Contracts and Grants, 1981. Nancy Everson (Compiler), April 1982, 11 pp. (PB82 229204)
- NESDIS 118 Satellite Observation of Great Lakes Ice - Winter 1979-80. Sharolyn Reed Young, July 1983, 47 pp. (PB84 101054)
- NESDIS 119 Satellite Observation of Great Lakes Ice: 1980-81. A.L. Bell, December 1982, 36 pp. (PB83 156877)
  
- NESDIS 1 Publications and Final Reports on Contracts and Grants, 1982. N. Everson, March 1983, 13 pp. (PB83 252528)
- NESDIS 2 The Geostationary Operational Environmental Satellite Data Collection System. D.H. MacCallum and M.J. Nestlebush, June 1983, 49 pp. (PB83 257634)
- NESDIS 3 Nimbus-7 ERB Sub-Target Radiance Tape (STRT) Data Base. L.L. Stowe and M.D. Fromm, November 1983, 71 pp. (PB84 149921)
- NESDIS 4 Publications and Final Reports on Contracts and Grants, 1983. Nancy Everson (Compiler), April 1984, 16 pp. (PB84 192301)
- NESDIS 5 A Tropical Cyclone Precipitation Estimation Technique Using Geostationary Satellite Data. Leroy E. Spayd Jr. and Roderick A. Scofield, July 1984, 36 pp.
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- NESDIS 8 A Technique that uses Satellite, Radar, and Conventional Data for Analyzing and Short-Range Forecasting of Precipitation from Extratropical Cyclones. Roderick A. Scofield and Leroy E. Spayd, Jr., November 1984, 51 pp.
- NESDIS 9 Surface Cyclogenesis as Indicated by Satellite Imagery. Frank Smigielski and Gary Ellrod, March 1985, 30 pp.
- NESDIS 10 Detection of High Level Turbulence Using Satellite Imagery and Upper Air Data. Gary Ellrod, April 1985, 30 pp.



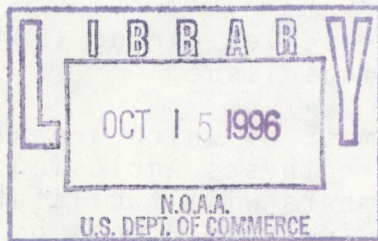
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UNITED STATES  
DEPARTMENT OF COMMERCE  
Malcolm Baldrige, Secretary

National Oceanic and  
Atmospheric Administration  
Anthony J. Calio  
Deputy Administrator

National Environmental Satellite,  
Data, and Information Service  
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## CONTENTS

Preface.....	ii
Publications by NESDIS staff member, 1984.....	1
Final reports on contracts and grants sponsored by NESDIS, 1984..	13

## PREFACE

This technical memorandum is one of a series (see inside covers) containing lists of articles and reports published by or for the National Environmental Satellite, Data and Information Service (NESDIS). To date, the series consists of NESCTM 1 (for 1958-1966), 2, (1967), 11 (1968), and 22 (1969); NOAA TM NESS 31 (1979), 38 (1971), 46 (1972), 55 (1973), 69 (1974), 79 (1975), 92 (1976), 97 (1977), 104 (1978), 108 (1979), 115 (1980), 117 (1981); NOAA TM NESDIS 1 (1982) and 4 (1984).

This issue lists items published or received during 1984 and includes items omitted from the previous issue.

In the memorandum, several entries (most of which are also listed on the inside cover) are followed by parentheses enclosing numbers prefaced by PB or COM. Use of these numbers will facilitate ordering copies. Reprints of articles listed in Publications by Staff Members will be furnished free of charge as long as supplies last, the books listed must be obtained from the publishers, and copies of Final Reports on Contracts or Grants will be supplied to qualified requestors when available.

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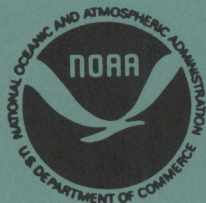
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