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Resume

Edward M. Tomlinson, PhD

EDUCATION

Ph.D., Meteorology, University of Utah, Salt Lake City, Utah; 1980
M.S., Meteorology, University of Utah, Salt Lake City, Utah; 1974
B.A., Mathematics and Physics, University of Richmond, Richmond, Virginia; 1966

TECHNICAL SPECIALTIES

- Hydrometeorology
- Probable Maximum Precipitation
- Computer Simulations of Atmospheric Effects
- Weather Modification
- Meteorology (weather observation and forecasting)
- Satellite Meteorology
- Atmospheric Dispersion

RELATED EXPERIENCE

Dr. Tomlinson is the owner and chief meteorologist of Applied Weather Associates (AWA) LLC, a small business located in Monument, Colorado. AWA specializes in environmental information with emphasis in meteorological analyses and geographic information systems applications. Projects during the past several years include site-specific probable maximum precipitation studies for the Great Sacandaga Lake in New York, the Cherry Creek drainage basin south of Denver, the Upper and Middle Dams for Maine Hydro, Spring Run Reservoir No2 in Colorado Springs, the Catawba and Wateree Rivers in central and western Carolinas for Duke Power, the Great Western Reservoir west of Denver, Colorado, the Muddy Creek and Elkhead drainage basins in northwestern Colorado for the Colorado River Water Conservation District, Electric Power Research Institute managed regional PMP study for Michigan and Wisconsin,

and the Williams Fork drainage basin for the City of Denver, Colorado. A detailed analysis of the Georgia 1994 extreme rainfall event was completed in 1995 to provided hourly rainfall for each of the sub-basins within the Flint River drainage. Current projects include site-specific PMP studies for the Blenheim Gilboa pumped storage project in New York, the Wanahoo Lake drainage basin in Nebraska, and for the Baker River drainage basin in Washington. Dr. Tomlinson has been a member of the Bureau of Reclamation Risk Assessment Committee for Dam Safety and is a member of the Association of State Dam Safety Officials Advisory Committee. Dr. Tomlinson is currently a member of the honorarium faculty at the University of Colorado, Colorado Springs where he teaches meteorology in the Geography and Environmental Science Department. Previously he was a part-time faculty member of the Meteorology Department at the University of Utah.

Dr. Tomlinson joined North American Weather Consultants (NAWC) in 1990 as Chief Scientist and continued in that position until becoming a consultant to NAWC in 1994. Projects with NAWC include evaluating atmospheric dispersion in eastern Utah using mesoscale models and designing a high energy laser system for clearing fog at airports. Additionally, he was the project manager for a six month project in Greece, where he directed an operational cloud seeding project for rainfall enhancement over the water supply drainage basin for the City of Athens. This project involved two aircraft, a weather radar and a weather operations center.

From 1987 to 1990, Dr. Tomlinson was the Research Coordinator for the Geosciences Center at Colorado State University. In that capacity, he coordinated research activities in multi-disciplines ranging from hydrology to quantitative precipitation forecasting. Additionally, he was a senior research scientist for METSAT, Inc, where he was involved in research programs on meteorological satellite design and cloud analysis from satellite imagery.

Previous experience was with the United States Air Force as a meteorologist. Lieutenant Colonel Tomlinson was assigned as Senior Staff Meteorologist to the Secretary of the Air Force for Special Projects in 1983. He provided the environmental support for high level classified space systems from the initial design to operational support. He was the sponsor and principle investigator for the CLOUDS experiment that was flown seven times on the Space Shuttle.

After receiving his PhD in 1980, Major Tomlinson was assigned to the Wright Aeronautical Laboratories as Chief Staff Meteorologist. In this position, he and his staff were responsible for the assessment and identification of geophysical and space environmental impacts on aerospace systems ranging from advanced cruise missiles to national space platforms. He directed the application of state-of-the-science technology to real world problems. Additionally he established system specifications and managed integrated test and evaluation. Major Tomlinson was a co-founder of the Clouds Program, a tri-service organization addressing the impact of clouds on Department of Defense systems. He also provided technical meteorological consultation to the Foreign Technology Division.

After completing his Masters degree in 1974, he was assigned to Headquarters, Tactical Air Command (TAC) where he was responsible for weather support to the commanding general and his staff. Additionally he provided onboard weather support to the Airborne TAC Command Post, providing weather support for numerous deployments involving air-to-air refueling to Europe and Asia. He logged 1,000 flying hours during this tour.

In 1970, Captain Tomlinson went to the 54th Weather Reconnaissance Squadron in Guam where he flew typhoon reconnaissance, accumulating 19 typhoon penetrations. He attained the positions of Instructor, Flight Evaluator and Standardization Aerial Reconnaissance Weather Officer. Additionally, he flew 120 missions in Southeast Asia in support of the precipitation enhancement program, earning the Distinguished Flying Cross and five Air Medals. He served as the Project Weather Officer for Project Cold Cowl in support of the fog dispersal program in Anchorage, Alaska. In total, he logged 1,500 flying hours on various weather missions during this tour.

Following his completion of the basic meteorology course at the University of Michigan, Lt. Tomlinson was a weather forecaster at Mather Air Force Base, California from 1968 until 1970. During his last year in Sacramento, he held the positions of Strategic Air Command Wing Weather Officer and Chief Forecaster.

PROFESSIONAL AFFILIATIONS

American Meteorological Society, Past President, Wright Memorial Chapter, Dayton, Ohio
American Society of Civil Engineers
Association of State Dam Safety Officials, Advisory Committee member
National Weather Association
Weather Modification Association
American Geophysical Union
American Association for the Advancement of Science
American Scientific Affiliation
Military Operations Research Society
Pi Kappa Pi, Honorary Research Fraternity
Sigma Xi, Scientific Research Society
Pi Mu Epsilon, Honorary Mathematics Society

AWARDS

Distinguished Flying Cross
Department of Defense Meritorious Service Award
Air Force Meritorious Service Award with an Oak Leaf Cluster
Air Medal with Four Oak Leaf Clusters
Air Force Commendation Award
Air Weather Service Zimmerman Award, Best Application of Climatology 1981
Air Force Systems Command Long Award, Staff Meteorologist of the Year 1982
Air Force Senior Meteorologist Badge
Air Force Senior Officer Aircrew Member Badge
Air Force Senior Space Badge
Listed in Who's Who in America - 47th Edition

REVIEWED PUBLICATIONS

Parzybok, Tye W., and Edward M. Tomlinson, 2006: A New System for Analyzing Precipitation from Storms, Hydro Review, Vol. XXV, No. 3, 58-65.

Tomlinson, Edward M., Ph.D., Robert D. Jarrett, Ph.D., Tye W. Parzybok, and Douglas J. Trieste, P.H., 2004: "Reanalysis of a Colorado Extreme Rainfall Storm Using GIS, Paleoflood, and Rainfall-Runoff ", The Journal of Dam Safety, Winter 2004, 21-28.

Jarrett, Robert D. and Edward M. Tomlinson, 2000: Regional Interdisciplinary Paleoflood Approach to Assess Extreme Flood Potential, Water Resources Research, Vol. 36, No.10, 2957-2984.

Morris Douglas I. and E. M. Tomlinson, 1993: A Look at the Advantages of Determining Regional Probable Maximum Precipitation, Hydro Review, Vol. XII, No. 6, 42-50.

Young, Kenneth C., and E. M. Tomlinson, 1993: The Microphysical Effects of Irradiating a Fog with a 10.6 Micron CO_2 Laser, J. of Atmos. Sci., 50, 941-950.

Tomlinson, E.M., and N. Fukuta, 1985: "A New Horizontal Gradient, Continuous Flow, Ice Thermal Diffusion Chamber", J. Atmos. and Oceanic Tech., 2, 448-467.

Snow, J.W., J.T. Bunting, R,P. d'Entremont, D.D. Grantham, K.R. Hardy and Edward M. Tomlinson, 1985: "Space Shuttle Cloud Photographs Assist in Correcting Meteorological Satellite Data", EOS, Transactions, American Geophysical Union, 66, No. 24, 489-490.

Tomlinson, E.M., and N. Fukuta, 1979: "Aspect Ratio of Thermal Diffusion Chambers", J. Atmos. Sci., 36, 1362-1365.

Paegle, J., and E.M. Tomlinson, 1975: "Solution of the Balance Equation by Fourier Transform and Gauss Elimination", Monthly Weather Review, 103.

CONFERENCE PRESENTATIONS

Tomlinson, Edward M., PhD; Bill Kappel, Tye Parzybok and Bryan Rappolt, 2006: Use of NEXRAD with the Storm Precipitation Analysis System (SPAS) to Provide High Spatial Resolution Hourly Rainfall Analyses for Runoff Model Calibration and Validation, Association of State Dam Safety Officials Annual Conference, Boston, Mass, September 12, 2006.

Tomlinson, Edward M., PhD, 2005: Invited paper, Probable Maximum Precipitation (PMP): History, Hydrometeorological Reports and Recent Advances, Association of State Dam Safety Officials Annual Conference, Orlando, Florida, September 26, 2005.

Tomlinson, Edward M., PhD, and Tye Parzybok, 2005: Review of the October 5, 1911, Gladstone, Colorado Rainfall Observation and Its Impact on PMP Values, ASDSO West Regional Conference, Santa Fe, NM, April 26, 2005.

Tomlinson, Edward M., and Tye Parzybok, 2004: Storm Precipitation Analysis System (SPAS), Association of State Dam Safety Officials Annual Conference, Phoenix, Arizona, September 26-30, 2004

Faulkner, Ellen, Terry Hampton, Richard M. Rudolph, and Edward M. Tomlinson, 2004: Technological Updates for PMP and PMF – Can They Provide Value for Dam Safety Improvements?, Association of State Dam Safety Officials Annual Conference, Phoenix, Arizona, September 26-30, 2004

Tomlinson, Ed; Ross Williams and Larry Lang, 2003: Site-Specific Probable Maximum Precipitation Study for Cherry Creek, Denver, Colorado: Background, Approach and Results; Association of State Dam Safety Officials Annual Conference, Minneapolis, Minnesota, September 7-10, 2003.

Tomlinson, Ed; Ross Williams and Mike Pelletier, 2003: Site-Specific Probable Maximum Precipitation (PMP) Study for the Upper and Middle Dams Drainage Basin, Association of State Dam Safety Officials Northeast Regional Conference, Lake Harmony, Pennsylvania, June 4-6., 2003.

Tomlinson, Ed; Ross Williams and Larry Lang, 2003: Site-Specific Probable Maximum Precipitation Study for Cherry Creek, Denver, Colorado: Background, Approach and Results, Association of State Dam Safety Officials West Region Conference, Oklahoma City, Oklahoma, May 8-9, 2003.

Tomlinson, Ed, Ross Williams and Larry Lang, 2002: Site-Specific Probable Maximum Precipitation Study for Cherry Creek, Denver, Colorado: Background, Approach and Status, Association of State Dam Safety Officials Annual Conference, Snowbird, Utah, September 9-12, 2001.

Tomlinson, Edward M.., 2001: Generalized and Site-Specific Probable Maximum Precipitation (PMP) Studies for Dam Safety Evaluations, Special Session of the 12th Symposium on Global Change and Climate Variations, American Meteorological Society's Annual Meeting, Albuquerque, New Mexico, January 15-18, 2001

Tomlinson, Edward M.., 2000: Site-Specific Probable Maximum Precipitation (PMP) Studies: What Makes Them Site-Specific and Do They Provide Improved Estimates of PMP Values, 2000 Annual ASDSO Conf., Providence, RI, September 23, 2000

Tomlinson, Edward M., George Wilkerson, and Terry Hampton, 1996: "Development of Hourly Rainfall Values for the Flint River Hydrology Study - Alberto, July, 1994", Association of State Dam Safety Officials Annual Conference, Seattle, Washington, September 8-11, 1996.

Tomlinson, Ed, and John Vadnal, 1996: "Site-Specific Probable Maximum Precipitation (PMP) for the Central and Western Carolinas", Big Thompson Symposium, Ft Collins, Colorado, July 10-13, 1996.

Jarrett, Robert D., and Edward M. Tomlinson, 1996: "1995: Where the Past (Paleoflood Hydrology) Meets the Present, Understanding Maximum Flooding", North American Water and Environment Congress '96, Anaheim, California, June 22-28, 1996.

Tomlinson, Edward M., Mark Solak, and Ray Tenney, 1996: "Site-Specific Probable Maximum Precipitation Study for the Elkhead Creek Drainage Basin", ASDSO Western Region Conference, Incline Village, Nevada, April 14-16, 1996.

Tomlinson, E. M., **et. al.**: "Site-Specific Probably Maximum Precipitation Great Miami River Drainage in Southwestern Ohio," presented at the 1995 Annual Conference of the Water Resources Planning and Management Division, Boston, Massachusetts, May 7-10, 1995.

Brown, K. J. and E. M. Tomlinson, 1994: Precipitation Augmentation in Greece. Presented at the 1994 WMO Scientific Conf. on Weather Modification in Siena, Italy.

Tomlinson E., and M. Solak, 1994: Meteorological Analysis of a Local Flash Flood-Producing Thunderstorm Over Southwestern Wyoming - August 1990. ASDSO Western Regional Conf. Park City, Utah, May, 1994.

Tomlinson, E. M., G. Wilkerson, T. Wiscomb, J. Vadnal, 1994: Site Specific Probable Maximum Precipitation for the Central and Western Carolinas. Presented at the 1994 Annual ASDSO Conf., Boston, MA.

Tomlinson, Ed, 1993: "Updated PMP Calculations in Regional Studies", Presented at the Preliminary Assessment of Probabilities and Bounds on Extreme Precipitation Events Symposium, Committee on Meteorological Analysis, Prediction, and Research, National Research Council, Washington, October 21, 1993.

E. M. Tomlinson, 1992: Regional PMP Study of Wisconsin and Michigan. 9th Annual ASDSO Conference, Sept. 13-16, 1992 Baltimore, Maryland.

Eatough, D. J., E. M. Tomlinson, **et. al.**, "Apportionment of sulfur oxides at Canyonlands during the winter of 1990 based on SAS particles and fluoride as markers of potential sources", A&WMA 84th Annual Meeting June 16-21, 1992, Vancouver, British Columbia

Tomlinson, E.M., J. L. Gordon, L. E. Conger, C. Gibson, "Wind Flow and Trajectory Analysis over Eastern Utah During the Winter of 1990 for Emissions Transport Evaluation.", A&WMA 84th Annual Meeting June 16-21, 1992, Vancouver, British Columbia

Reinke, Donald L., Cynthia L. Combs, Edward M. Tomlinson and Thomas H. Vonder Haar, "Persistence Forecasts from High-Resolution Cloud Composite Climatologies", CIDOS 89/90, Naval Postgraduate School, Monterey, California, 9-11 January 1990

Combs, Cynthia L., Donald L. Reinke, Edward M. Tomlinson and Thomas H. Vonder Haar, "Technique for Cloud Discrimination on GOES Infrared Imagery", CIDOS 89/90 Conference, Navy Postgraduate School, Monterey, California, 9-11 January 1990

Reinke, Donald L., Cynthia L. Combs, Edward M. Tomlinson and Thomas H. Vonder Haar, "Interannual Variability in Cloud Frequency as Determined from GOES Satellite", CIDOS 89/90 Conference, Naval Postgraduate School, Monterey, California, 9-11 January 1990

Tomlinson, Edward M. and Stanley H. Grigsby, "Cloud Impact on ASCOT System Performance", Cloud Impacts on DOD Operations and Systems, 1989/90 Conference, Naval Postgraduate School, Monterey, California, 9-11 January 1990

Tomlinson, Edward M., Donald L. Reinke and Thomas H. Vonder Haar, "High Resolution Space/Time Cloud Climatologies from Satellite Data", Tenth Annual EOSAEL/TWI Conference, Las Cruces, New Mexico, 28-30 November 1989

Tomlinson, Edward M., D.L. Reinke, and T.H. Vonder Haar, "High-Resolution Space/Time Cloud Climatologies from Satellite Data", 57th Symposium, Military Operations Research Society, Fort Leavenworth, Kansas, 6-8 June 1989

Tomlinson, E.M., T.H. Vonder Haar, J.L. Behunek and C.F. Shih, "Battlefield Weather Information for Real-Time Mission Planning", Second National Symposium on Sensors and Sensor Fusion, Orlando, Florida, March 1989

Tomlinson, Edward M., Donald L. Reinke and Thomas H. Vonder Haar, "New Cloud Composite Climatologies Using Meteorological Satellite Imagery", SPIE-The International Society for Optical Engineering Conference, Los Angeles, California, 15-20 January 1989

Vonder Haar, T., and E. Tomlinson, "New Sensors Technologies and Data Applications of DMSP Block VI for Aviation Weather Support", AIAA 27th Aerospace Sciences Meeting, Reno, Nevada, 9-12 Jan 1989

Tomlinson, E., T. Brubaker and T. Vonder Haar, "Three-Dimensional Displays of Fused Meteorological Data for Aviation", AIAA 27th Aerospace Sciences Meetings, Reno, Nevada 9-12 Jan 1989

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Vonder Haar, T.H., and E.M. Tomlinson, "Ultrafast Methods of Cloud Detection for Interceptor Systems", SPIE Conference on Optoelectronics and Laser Applications in Science and Engineering, Los Angeles, California, January, 1988

Brubaker, Thomas A., Gordon K. Lee, Thomas H. Vonder Haar and Lt. Col Edward M. Tomlinson, "Linear Estimation for Prediction of Cloud Location using Current and Past Satellite Data", Fifth Tri-Service Clouds Modeling Workshop, United States Naval Academy, Annapolis, Md 23-24 June 1987

Tomlinson, Edward M., "Air Weather Service Gridded Cloud Data Base From 1979 GOES I Satellite Imagery", Fifth Tri-Service Clouds Modeling Workshop, United States Naval Academy, Annapolis, MD, 23-24 June, 1987

Snow, J.W. and E. M. Tomlinson, "Cloud Population Measurements Using Photographs Taken from the Space Shuttle", Sixth Symposium on Meteorological Observations and Instrumentation, American Meteorological Society, New Orleans, Louisiana, 12-16 Jan 1987

Snow, J.W., Donald D. Grantham and Lt. Col. Edward M. Tomlinson, "Apparent Cloud Cover as a Function of View Angle for Cumuliform Clouds - Model Development and Testing Using Space Shuttle Photographs", Fourth Tri-Service Clouds Modeling Workshop, Air Force Geophysics Laboratory, Hanscom Air Force Base, Massachusetts, 3-4 Jun 1986

Snow, J.W., D.D. Grantham, E. M. Tomlinson and J.H. Willard, "The Characterization of Cumuliform Cloud Fields Using Space Shuttle Photography", Second Conference on Satellite Meteorology/Remote Sensing and Applications, American Meteorological Society, Williamsburg, Virginia, 13-16 May 1986

Snow, J.W., Lt. Col. Edward Tomlinson and James H. Willard, "Distribution of Clear and Cloudy Intervals and Spatial Correlations from Space Shuttle Photographs", Third Tri-Service Clouds Modeling Workshop, Air Force Geophysics Laboratory, Hanscom Air Force Base, Massachusetts, 6-7 June 1985

Fukuta, N., and E.M. Tomlinson, "A New Horizontal Gradient, Continuous Flow, Ice Thermal Diffusion Chamber and Detailed Observations of Condensation-Freezing and Deposition Nucleation", Eighth International Conference on Cloud Physics, Clermont-Ferrand, France, 15-19 July 1980

REPORTS

Tomlinson, Ed, and Ross A. Williams, 2004: "Site-Specific Probable Maximum Precipitation (PMP) Study for the Dry Creek Reservoir Drainage Basin", Prepared for Boyle Engineering, Lakewood, Colorado, November, 2004

Tomlinson, Ed, and Ross A. Williams, 2004: "Site-Specific Probable Maximum Precipitation (PMP) Study for the Sweitzer Reservoir / Garnet Mesa Dam Drainage Basin", Prepared for Ayres Associates, Louisville, Colorado, September 2004

Tomlinson, Ed, Tye Parzybok, Ross A. Williams, and Doug Trieste; "Review of the Gladstone, Colorado Rainfall Observation, October 5, 1911", Prepared for the Colorado State Engineer Office, March, 2004

Tomlinson, Ed, and Ross A. Williams, 2004: "Site-Specific Probable Maximum Precipitation (PMP) Study for the Milton Reservoir Drainage Basin", Prepared for The Farmers Reservoir and Irrigation Company, Brighton, Colorado, March 2004

Tomlinson, Ed, Ross A. Williams, 2004: "Site-Specific Probable Maximum Precipitation (PMP) Study for the Barr Reservoir Drainage Basin", Prepared for The Farmers Reservoir and Irrigation Company, Brighton, Colorado, March 2004

Tomlinson, Ed, Ross A. Williams, 2004: "Site-Specific Probable Maximum Precipitation (PMP) Study for the Black Hollow Reservoir Drainage Basin, Colorado", Prepared for Water Management Consultants, Denver, Colorado, March, 2004

Tomlinson, Ed, Ross A. Williams, 2003: “Site-Specific Probable Maximum Precipitation (PMP) Study for the Boyd and Horseshoe Lakes Drainage Basins, Colorado”, Prepared for Boyle Engineering, Lakewood, Colorado, November, 2003

Tomlinson, Edward M., Ross A. Williams, and Tye Parzybok, 2003: “Site-Specific Probable Maximum Precipitation (PMP) Study for the Great Sacandaga Lake / Stewarts Bridge Drainage Basin”, Prepared for Reliant Energy Corporation, Liverpool, New York, September, 2003

Tomlinson, Ed, PhD, 2002: “New Developments and Needs in Site-Specific Probable Maximum Precipitation (PMP) Studies”, *Workshop Proceedings on Hydrologic Research Needs for Dam Safety*, U.S. Army Corps of Engineers Hydrologic Engineering Center, Davis, California, November 14-15, 2001

Tomlinson, Edward M., John F. Henz, and Ross A. Williams, 2003: “Technical Review for the Probable Maximum Precipitation (PMP) Site-Specific Study for Cherry Creek Reservoir”, Prepared for the Colorado Water Conservation Board, Denver, Colorado, August, 2003

Tomlinson, Edward M., Ross A. Williams, and Dan Dansereau, 2002: "Site-Specific Probable Maximum Precipitation (PMP) Study for FPL Energy Maine Hydro, LLC, Upper and Middle Dams Storage Projects, Maine", Prepared for FPL Maine Hydro, LLC, Lewiston, Maine, March 2002

Tomlinson, Edward M., and Ross A. Williams, 2001: ▪Applicability of the Probable Maximum Precipitation (PMP) Portion of the Site-Specific Meteorological and Hydrological Study of the Williams Fork Drainage Basin for the Henderson Mill Tailing Pond Drainage Basin•, Prepared for W.W. Wheeler and Associates, Englewood, Colorado, February, 2001.

Tomlinson, Edward M., and Ross A. Williams, 2001: ▪Site-Specific Probable Maximum Precipitation (PMP) Study for Spring Run No2 Drainage Basin, Colorado Springs, Colorado•, Prepared for Myron Stratton Home, Colorado Springs, Colorado, June, 2001.

Tomlinson, Edward M.: ▪Theory, State-of-the-Science, and Operational Considerations for Cloud Seeding for Hail Suppression•, Prepared for AAI Corporation, Hunt Valley, Maryland, June, 1998.

Tomlinson, Edward M., and Mark Solak, 1996: "Site-Specific Probable Maximum Precipitation (PMP) Study of the Elkhead Drainage Basin", NAWC Report AR 95-1, Prepared for Colorado River Water Conservation District, Glenwood Springs, Colorado, February, 1996.

Tomlinson, Edward M., 1995: "Rainfall Analysis of Tropical Storm Alberto, July 4-7, 1994", Prepared for Duke Power, Carolina Power, Georgia Power, Alabama Power, and the Federal Energy Regulatory Commission, January, 1995.

Tomlinson, Edward M., 1996: "Site-Specific PMP Study for the St Croix Drainage Basin", Prepared for Ayres and Associates, Eau Claire, Wisconsin, March, 1996.

Tomlinson, Edward M., George W. Wilkerson, and Thomas G. Wiscomb, 1995: "Site-Specific Probable Maximum Precipitation for the Catawba-Wateree and Buzzard Roost Drainage Basins", Prepared for Duke Power, Charlotte, North Carolina, November, 1995.

Tomlinson, E. M., M. E. Solak, 1994: Site-Specific Meteorological and Hydrological Study of the Williams Fork Drainage Basin. NAWC Report AR 94-1 Prepared for Denver Water Board Denver, Colorado. March, 1994.

Tomlinson, E. M., M. E. Solak, 1994: Site-Specific Probable Maximum Precipitation (PMP) Study of the Muddy Creek Drainage Basin. NAWC Report AR 94-4 Prepared for the Colorado River Water Conservation District. Oct. 1994.

Tomlinson, E. M., E. L. Hovind, A. D. Lisonbee, K. D. Knox, 1993: Cloud Seeding Program Increase Rainfall for the Mornos River Drainage Basin, Final Report. Prepared for the Water Authority for the Greater Athens Area (E.Y.D.A.P.). NAWC Report WM 93-1

Morris, D. I., E. M. Tomlinson, 1992: Probable Maximum Precipitation Study for Wisconsin and Michigan, Vol. 1, TR-101554, V1, Prepared for Electric Power Research Institute, Research Project 2917-29, Final Report, July, 1993.

Tomlinson, E. M., 1992: Yadkin Basin Probable Maximum Precipitation. Prepared for Charles Howard & Associates Ltd., Water Resources Engineers, Victoria, B.C. Canada, Nov., 1992.

Tomlinson, E. M., 1992: Probable Maximum Precipitation Study for Michigan and Wisconsin, Research Project 2917-29, Final Report. Prepared for Electric Power Research Institute. NAWC Report R 92-2, November, 1992.

Tomlinson, Edward M. 1992: Mesoscale Meteorological Modeling of Boundary Layer Flow Patterns in Eastern Utah NAWC Report AQ 92-3, Feb., 1992.

Tomlinson, Edward M., and Kenneth C. Young, 1992: Laser Technology Applications for Dissipation of Warm Fog at Airfields. NAWC Report R 92-1, March, 1992.

Tomlinson, Edward M., and G. W. Wilkerson, 1991: Kennecott Copper Corporation, Final Report. NAWC Report AQ 91-08

Tomlinson, Edward M., John L. Gordon, Linda E. Conger and Chris V. Gibson, " Trajectory Analysis for Southeastern Utah", NAWC Report AQ 90-9, PacifiCorp, November, 1990

Vonder Haar, Thomas H., Edward M. Tomlinson, Donald Reinke, Chi-Fan Shih and Cindy Combs, "Cloud Data Collection for Whole-Sky Imager Studies", Progress Reports 1-19, Office of Naval Research, July 1988 - January 1990

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Tomlinson, Edward M., Thomas H. Vonder Haar, Jan L. Behunek and Chi-Fan Shih, "Advanced Computer Techniques for Weather Information in Real-Time Mission Planning", Defense Advanced Research Project Agency, SBIR Final Report, 30 April 1989

Tomlinson, Edward M., Thomas A. Brubaker and Thomas H. Vonder Haar, "Ultrafast Algorithms for Real-Time Detection and Characterization of Clouds", SBIR Final Report, Office of Naval Research, 1988

Bauer, E., S.H. Grigsby and E.M. Tomlinson, "Cloud Effects on Space-Based Laser Weapon Systems", Institute for Defense Analyses, IDA Annotated Briefing B-6, 1983

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