

**Edward (Ward) Hindman**  
**Emeritus Professor of Meteorology and Oceanography**  
**Earth and Atmospheric Sciences Department**  
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**Education:**

Diploma, Lutheran High School, Los Angeles CA, 1960  
B. Sc., Meteorology, University of Utah, 1965  
M. Sc., Atmospheric science, Colorado State University, 1967  
Post-graduate oceanography, Old Dominion University, 1969-71  
Ph. D., Atmospheric science, University of Washington, 1975



15 April 2025 (82 years old)

**Research positions:**

Meteorology Research, Inc., Altadena, California, 1961-64  
Colorado State University, Fort Collins, Colorado, 1964-67, 1979-84, 2005-06  
Navy Weather Research Facility, Norfolk, Virginia, 1967-71  
Naval Weapons Center, China Lake, California, 1971-79  
Tribhuvan University, Kathmandu, Nepal, 1995-96

Dr. Hindman developed meteorological instruments and conducted cloud physics research using the instruments in fogs, thunderstorms and hurricanes. He conducted research on the effects of human activities on physical and chemical properties of clouds. The field portions of the studies occurred in Colorado (where he founded Storm Peak Laboratory in 1981), at sea and in the Himalayas. He mentored numerous students during these field studies. He developed at CCNY a computer laboratory for the acquisition and analysis of real-time meteorological, oceanographic and solid-earth data and for numerical modeling studies. During his 1995/96 sabbatical, he conducted a unique, trans-Himalayan, international expedition to Mt. Everest to study the weather of the region and to determine the feasibility of ascending Everest with a sailplane, the ultimate ascent. During his 2005/06 sabbatical, he investigated at Colorado State University the diagnosis and prediction of soaring flight by combining the CSU Regional Atmospheric Modeling System (RAMS) and the Swiss-developed "TopTask" soaring flight system. He is continuing soaring meteorology studies.

**Teaching positions:**

Associate Professor, Oceanography Department, U. S. Naval Academy, Annapolis MD 1984-87  
Associate Professor, Physics and Atmospheric Sciences Department, Drexel University, Philadelphia PA 1988  
Associate Professor, Earth and Atmospheric Sciences Dept., The City College of New York, NYC NY 1988-1994  
Professor, EAS Dept., The City College of New York, 1994-2007, Emeritus 2007  
Instructor, Landfall Marine Training Center, Stamford CT, 2007-2013

**Awards:**

Eagle Scout, 1960  
Bank of America Achievement Award in Laboratory Science, 1960  
First place, American Meteorological Society Macelwane Undergraduate Award, 1965  
Best Overall Rider, National Collegiate Athletic Association Intermountain Cycling Championships, 1966  
Superior Achievement, Naval Weapons Center, 1978  
CCNY President's Innovation and Excellence in Teaching, 1993  
Explorers Club Flag Award, Trans-Himalayan Meteorology Expedition, 1995  
Federation Aeronautic International Gold Badge (two diamonds), 1998  
Fellow, American Meteorological Society, 2003  
Paul E. Tuntland Award, Soaring Society of America, 2003  
Explorers Club Flag Award, Student Expeditions in the Colorado Rockies, 2004  
OSTIV Diploma for best meteorological paper at 27<sup>th</sup> Congress, 2006  
OSTIV Special Recognition for editing *Technical Soaring*, 2008  
OSTIV Diploma for best meteorological paper at 31<sup>st</sup> Congress, 2012  
OSTIV elected Honorary Member at 33<sup>rd</sup> Congress, 2017

**Service:**

Certified consulting meteorologist (retired 2017), American Meteorological Society  
Certified weather modification manager (retired 2013), Weather Modification Association, Honorary Member WMA (2015)  
Commercial Pilot and Certificated Flight Instructor-Glider, US Federal Aviation Administration, ~1500 hours total time, ~100 instructing  
Church Council, Our Savior's Atonement Lutheran Church, New York City (1996-1999), President (1998-99)  
Choir, OSA Lutheran Church, New York City, NY (1988-2015)  
Choir, St. Peter's Lutheran Church, Port Jervis, NY (2015-2019)  
Member and former treasurer, Cornerstone Choral, New York City (1990-2013)  
Member, Larimer Choral, Ft. Collins CO, (2005-06)  
Member, Middletown Concert Choral, Middletown NY (2017-2023)  
Vice Chair (1999-01), Chair (2001-2004), Atmospheric Sciences Section, New York Academy of Sciences, NYC

Liaison, Earth and Environmental Sciences, PSC-CUNY Research Awards (1998-01)  
Vice-Chair, University Committee on Research Awards, CUNY (2000-01)  
Chief Editor, Editor *Technical Soaring*, Organisation Scientifique et Technique Internationale du Vol à Voile (OSTIV) (2006-12)  
On-line Manager and Archivist, *Technical Soaring*, journals.sfu.ca/ts/ (2012-2016)  
Board member, Organisation Scientifique et Technique Internationale du Vol à Voile (OSTIV) (2006-2015)  
Treasurer, Second Sunday Concert Society, Leonia NJ (2006-09)

**Peer reviewed publications last five years:**

Hindman, E. E. 2020: Validating mountain-wave predictions from the United States High-Resolution, Rapid-Refresh (HRRR) numerical weather prediction (NWP) model. *Technical Soaring*, **44/4**, 35-43.  
Hindman, E. E., 2021: A paraglider flight over 8051 Broad Peak *Technical Soaring*, **45/2**, 13-18.  
Hindman, E. and Lindstrom, S., 2022: The Mount Everest plume in winter, *Atmos. Chem. Phys.*, **22**, 7995-8008.  
Hallar, A. Gannett,..., Hindman, E...., 2025: Storm Peak Laboratory: A research and training facility for the Atmospheric Sciences, *Bull. Am. Meteor. Soc.*, **106**, E1130-E1148.

**Meeting presentations last five years:**

Hindman, E. E., 2021: 8051m Broad Peak ascended via paraglider-a possible analogue for an ascent of 8848m Mt. Everest. Presented 17 February 2021 at the on-line *OSTIV Meteorological Panel* hosted by Istanbul Aydın University, Istanbul, Turkey.  
Hindman, E. E., 2021: Ascend Mount Everest via paraglider? Presented at the virtual *XXXV OSTIV Congress*, 18 – 23 July 2021, hosted by TU Braunschweig, Germany.  
Hindman, E. E. and K. Sermeus, 2024: Now, publish your study in *Technical Soaring*! Presented, on-line, at the OSTIV Meteorological Panel meeting, 16 – 17 February 2024, University of Kyrenia, Turkish Republic of Northern Cyprus.  
Hindman, E. E. and K. Sermeus, 2024: *Technical Soaring* at 53 years: Past, Present, Future, Presented, on-line, at the *XXXVI OSTIV Congress*, Uvalde TX USA.

**Professional and educational articles last five years (not peer-reviewed):**

Hindman, E. E., 2021: 8051m Broad Peak ascended via paraglider-a possible analogue for an ascent of 8848m Mt. Everest. *OSTIV Meteorological Panel Extended Abstracts*, Istanbul Aydın University, Istanbul, Turkey, E-ISBN: 978-625-7783-42-2, pp. 32-34.  
Hindman, E. E., 2021: Ascend Mount Everest via paraglider? *Extended Abstracts XXXV OSTIV Congress*, TU Braunschweig, ISBN 978-3-947623-42-6, pp. 94-97.  
Hindman, E. E. and K. Sermeus, 2024: Now, publish your study in *Technical Soaring*! Presented, on-line, at the OSTIV Meteorological Panel meeting, 16 – 17 February 2024, University of Kyrenia, Turkish Republic of Northern Cyprus, 1 pg.  
Hindman, E. E. and K. Sermeus, 2024: *Technical Soaring* at 53 years: Past, Present, Future, *Extended Abstracts XXXVI OSTIV Congress*, TU Braunschweig, ISBN 978-3-947623-80-8, pp. 155-158.