

## **Biography**

### **For**

#### **Mark J. Andrews**

Mark J. Andrews attended and graduated from Waterford Township (Michigan) High School in the spring of 1975. In the fall, he attended the University of Michigan, where he graduated with a Bachelor's of Science in Atmospheric and Oceanic Science.

After finishing college he served as a commissioned officer in the U.S. Air Force, a position he served for nearly 22 years in a variety of positions. During this service Mark was competitively selected to attend the Air Force Institute of Technology Masters program at the Florida State University, where he graduated Summa Cum Laude with a Masters Degree in Meteorology, with special emphasis in satellite remote sensing. He subsequently served as Aeronautical System Division Staff Meteorologist, supporting Special Access Required (SAR) programs, including the B-2 bomber, the F-117A and F-22 fighters, the Advanced Cruise Missile, and the Tri-Service Standoff Attack Missile. Mark was then selected to become Commander, Detachment 8, at Tonopah Test Range, Nevada, where he oversaw weather support to the 37<sup>th</sup> Fighter Wing (3 F-117A fighter squadrons). Mark was assigned to the Air Staff (Pentagon) in 1992, serving as weather as the Air Force weather lead for the Defense Meteorological Satellite Program (DMSP). Mark was selected to represent the Department of Defense in the formation of the Tri-Agency Convergence Transition Team (TACTT), which laid the ground work and supporting Memorandum of Agreements between the Secretaries of Commerce, State, and Defense for the merging of the civilian and defense polar-orbiting meteorological satellite programs. Mark's last two tours of duty included selection as the Director of the Joint Typhoon Warning Center, Guam, and serving as both the Commander of the 3<sup>rd</sup> Weather Squadron, Fort Hood, Texas and as the Staff Weather Officer to the Army's III Corps Commander.

Mark's achievements include selection as the Air Force's Outstanding Staff Meteorologist (Bud Long Award), and the Air Force's top climatologist (Air Force Zimmerman Award). Mark was awarded the Vice-President's "Hammer" Award in 1996, and inducted into the Army's "Knowlton" Society, for excellence in supporting the Army's intelligence missions.

Upon retirement from the Air Force in 2000 in the rank of Lieutenant Colonel, Mark joined NOAA's National Weather Service to serve as the aviation services chief and NOAA's Aviation Weather Program Manager, a position served in for four years prior to his selection to represent the Department of Commerce as the Joint Planning and Development Office's Weather Working group federal chair.