

Douglas M. Hultstrand

Senior HydroMeteorologist

Applied Weather Associates, LLC, PO Box 175, Monument, CO 80132

720.771.5840

dhultstrand@appliedweatherassociates.com

Mr. Hultstrand is a Senior HydroMeteorologist at Applied Weather Associates with 17+ years of experience in meteorology, hydrology, and hydrometeorology. He has been involved in all aspects of site-specific, statewide and regional probable maximum precipitation (PMP) development, extreme storm analyses, regional precipitation frequency analyses, a developer of the Storm Precipitation Analysis System (SPAS), quantified annual exceedance probability (AEP) of PMP, developed rainfall areal reduction (ARF) factors, and performed forensic meteorological investigations.

Mr. Hultstrand received a Bachelor's Degree from the University of Colorado at Boulder (CU) (Physical Geography, and Hydrology Certificate), a Master of Science degree from Colorado State University (CSU) (Watershed Science), and is currently pursuing a Doctorate degree in Earth Sciences at Colorado State University (CSU). Mr. Hultstrand has worked with U.S. Geological Survey (USGS) Alpine Hydrology Research Group (AHRG), the Institute of Arctic and Alpine Research (INSTAAR), and the U.S. Forest Service Rocky Mountain Research Station (RMRS).

Mr. Hultstrand has been a guest instructor at Colorado State University and the University of Colorado at Boulder, an Executive Program Committee Member for the Data Analysis and Modeling group for the National Hydrologic Warning Council, has published and peer reviewed numerous articles in the academic, scientific, and private communities, and is a member the American Geophysical Union, American Meteorological Society, American Water Resources Association, Association of State Dam Safety Officials, National Hydrologic Warning Council, and the Western Snow Conference, and acted as an independent peer-review member for the Journal of Hydrometeorology, Journal of Hydrologic Engineering, and the US Geological Survey Scientific Investigation Reports (SIR).