

Applied Weather Associates Projects Prior to 2018

- Support of PMP analysis for two basins in southern California (2018)
- Site-specific PMP for two small basins owned by Talen Energy in central Pennsylvania (2018)
- Site-Specific PMP for Lake Vermillion Dam, IL (2018)
- Site-specific PMP for the Spray basin in the southern Alberta Rockies for TransAlta (2018)
- Depth-duration-frequency curve development for portions of the Grasberg Mine, Indonesia (2018)
- Site-specific PMP for the Mayo and Hyco Reservoirs basin in North Carolina (2018)
- Regional Probable Maximum Precipitation analysis for Colorado and New Mexico (2018)
- SPAS Gridded Rainfall Data for Model Calibration for a basin near Saratoga Springs, NY (2018)
- Annual Exceedance Probability of the Local Intense Precipitation depth at a nuclear site in eastern Virginia (2018)
- SPAS gridded rainfall analysis for model calibration, Papillion Basin, Omaha, NE (2018)
- Temporal analysis of PMP accumulations for the Commonwealth of Virginia (2018)
- CSU-CO DWR Mountain Hydrology Research utilizing SPAS gridded rainfall data (2018)
- Site-specific Probable Maximum Precipitation analysis for the Antamina Mine, Peru (2018)
- Site-Specific Probable Maximum Precipitation study for the Ashokan Reservoir basin, New York (2018)
- SPAS Gridded Rainfall Data for Model Calibration for a basin near Saratoga Springs, NY (2018)
- Consequential rainfall analysis and alternative action trigger development for a nuclear site in Michigan (2017)
- Consequential rainfall analysis to develop alternative action trigger levels for a nuclear site in New England (2017)
- Site-specific Probable Maximum Precipitation analysis for three basins in the Canadian Rockies of Alberta (2017)
- Site-specific Probable Maximum Precipitation analysis for the Piney Dam basin, Pennsylvania (2017)
- Site-specific Probable Maximum Precipitation analysis for the Lake Maloya Dam basin, New Mexico (2017)
- Precipitation frequency analysis, storm typing, and seasonality analysis for several mine sites in Arizona and New Mexico (2017)
- Site-specific Probable Maximum Precipitation analysis for the Wallowa Lake Dam, Oregon (2017)
- Site-specific Probable Maximum Precipitation analysis for the Glade Reservoir basin, Colorado (2017)

- Site-specific Probable Maximum Precipitation analysis for the Lake Michie, North Carolina (2017)
- Gridded rainfall analysis for model calibration for a basin in Baton Rouge, LA for the August 2016 storm (2017)
- Consequential rainfall analysis and alternative action trigger development for a nuclear site in Iowa (2017)
- Probable Maximum Precipitation support for Lake Wallenpaupack, PA (2017)
- Meteorological analysis and storm information for Eagle Creek Diversion, Findlay, OH (2017)
- Site-specific Probable Maximum Precipitation analysis for the Bradner Dam basin, New Mexico (2017)
- Annual Exceedance Probability assessment of the Probable Maximum Precipitation analysis for Gross Reservoir, Colorado (2017)
- Site-Specific Probable Maximum Precipitation analysis for Gross Reservoir, Colorado (2017)
- Site-Specific PMP for the Grasberg Mine Basin, Papua, Indonesia (2017)
- Statewide Probable Maximum Precipitation study for the state of Texas (2017)
- Meteorological input for spillway Analysis for the Lake Julian basin, North Carolina (2017)
- Hydrometeorological analysis for model calibration of the Papillion Creek basin, Omaha, NE (2017)
- Meteorological evaluation of PMP accumulations for Kingsley Dam, Nebraska (2016)
- Forensic Meteorological analysis of the July 2015 rainfall event near Colorado Springs, CO (2016)
- Feasibility study for a potential Site-specific Probable Maximum Precipitation analysis for a basin in Northern California (2016)
- Site-Specific Probable Maximum Precipitation analysis for a nuclear facility in upstate New York (2016)
- Expert testimony and forensic analysis of wind damage in Aurora, Colorado (2016)
- Consequential rainfall analysis for a nuclear site in Alabama (2016)
- Site-Specific Probable Maximum Precipitation study for North Fork Dam, Pennsylvania (2016)
- Site-Specific Probable Maximum Precipitation study for Lock Haven, Pennsylvania (2016)
- Site-Specific Probable Maximum Precipitation analysis for Hebgen Dam, MT (2016)
- Site-Specific Probable Maximum Precipitation study for the Sylvan Dam basin, Colorado (2016)
- Statewide Probable Maximum Precipitation study for the Commonwealth of Virginia (2015)
- Storm analysis for model calibration/validation, Eel River, California (2015)
- Temporal analysis of PMP accumulations for the state of Wyoming (2015)
- Site-Specific Probable Maximum Precipitation study for the Eucha Dam basin, Oklahoma (2015)
- Updated precipitation frequency, dew point climatology over the country of Mexico, and storm analyses for the state of New Mexico (2015)

- Rainfall Frequency analysis for the Lower Wanagon basin, Indonesia (2015)
- Site-Specific Probable Maximum Precipitation study for Bellwood and Mill Run Dams, central Pennsylvania (2015)
- Site-Specific Probable Maximum Precipitation study for the Elbow River basin, Calgary, Alberta, Canada (2015)
- Site-Specific Probable Maximum Precipitation study for a basin in the Carolinas (2015)
- Local Intense Precipitation analysis for a nuclear site near Portsmouth, NH (2015)
- Site-Specific Probable Maximum Precipitation study for the North Fork Dam basin, North Carolina (2015)
- Site-Specific Probable Maximum Precipitation study for the Springer Dam basin, New Mexico (2015)
- Probable Maximum Precipitation and other meteorological data for the Tennessee Valley Authority (2015)
- Probable Maximum Precipitation study for Thomson Dam, Minnesota (2015)
- Probable Maximum Precipitation and model calibration study for the Conowingo Dam, Maryland (2015)
- SPAS gridded rainfall analysis for March 2014, Oso, WA (2015)
- SPAS gridded rainfall analysis for March 2014, Oso, WA Probable Maximum Precipitation study for the two Nuclear sites in Minnesota (2015)
- Local Intense Precipitation analysis for a nuclear site in New Orleans (2015)
- Local Intense Precipitation analysis for two nuclear sites in Virginia (2015)
- Site-Specific Probable Maximum Precipitation study for the Rogue River basin, Oregon (2015)
- Local Intense Precipitation analysis for a nuclear site in Connecticut (2015)
- Model calibration/validation/ARF analysis for CDOT, Colorado Front Range (2015)
- Statewide Probable Maximum Precipitation project for the state of Wyoming (2014)
- Probable Maximum Storm Surge/Hurricane Analysis for a Nuclear site in southern Louisiana (2014)
- Local Intense Precipitation analysis for a nuclear site in western Pennsylvania (2014)
- Local Intense Precipitation analysis for a nuclear site in western Pennsylvania (2014)
- Probable Maximum Precipitation study for a nuclear facility near Lake Erie (2014)
- Local Intense Precipitation analysis for a nuclear site along the Delmarva Peninsula (2014)
- Site-specific PMP for a nuclear facility in western Pennsylvania (2014)
- Expert review of EPAT for the state of Colorado (2014)
- Probable Maximum Precipitation for the North Umpqua basin, Oregon (2014)
- Site-specific PMP project for the Susitna-Watana Hydro Project, Alaska (2014)
- Probable Maximum Precipitation for College Lake basin, Ft Collins, CO (2014)

- Gridded rainfall analysis for Model Calibration for the Arkansas River Basin (2014)
- Local Intense Precipitation analysis for a nuclear site in Eastern Washington (2014)
- Model calibration/validation for Colorado Dam Safety, Colorado Front Range (2014)
- Local Intense Precipitation analysis for two nuclear sites in the Midwest (2014)
- Probable Maximum Precipitation study for Duck River, Alabama (2014)
- HMR 52 multiple storm centers analysis for PMF modeling for a basin in north central Pennsylvania (2014)
- Probable Maximum Precipitation for a nuclear facility in Arkansas (2014)
- Probable Maximum Precipitation for a nuclear facility in southeastern Pennsylvania (2014)
- Site-specific PMP and Local Intense Precipitation analysis for a nuclear facility in Iowa (2014)
- Probable Maximum Wind Storm and Local Intense Precipitation analysis for storm surge development at two nuclear sites along Lake Erie (2013)
- Local Intense Precipitation analysis for a nuclear facility on the coast of California (2013)
- Model calibrations for two storm over Camp Creek, Colorado and the Waldo Burn Scar (2013)
- Statewide PMP project for Arizona (2013)
- Gridded rainfall analysis for model calibration at Ashokan Reservoir, NY (2013)
- Forensic analysis of Hurricane Katrina rainfall over New Orleans (2013)
- Statewide PMP project for the state of Ohio (2013)
- Forensic analysis of ice accumulation accident near Boston, MA (2013)
- Site-specific PMP of two nuclear facilities in New England (2013)
- Regional PMP analysis for a Nuclear Generating Station on the upper Mississippi River basin (2012)
- Forensic case rainfall analysis relating to flooding from Hurricane Katrina in New Orleans, LA (2012)
- Comparison of Flood Hazard Estimation Methods for Dam Safety-CEATI (2012)
- Site-specific PMP project for the Tarrant Regional Water District, Ft Worth, Texas (2012)
- Site-Specific PMP project for the Piru Creek watershed in Ventura County, CA (2012)
- Site-specific PMP assistance on a PMP project for the Capilano Reservoir near Vancouver, BC (2011)
- Hurricane Irene rainfall analysis in the Catskill Mountains of New York (2011)
- Site-specific PMP project for the Lewis River watershed, southern Cascades of Washington State (2011)

- Site-specific PMP project for the Brassua basin near Greenville, Maine (2011)
- SPAS rainfall analysis for hydrologic modeling of four events Pompton Lake, New Jersey (2011)
- Forensic case relating to flooding from a thunderstorm north of Colorado Springs, CO (2011)
- Site-specific PMP project for the Tarrant Regional Water District, Ft Worth, Texas (2011)
- SPAS Real Time Rainfall Analysis for Inflow and Infiltration Analysis and Hydraulic Modeling of the waste water collection system for the city of Muskogee, Oklahoma (2010)
- Feasibility analysis and meteorological support for High Altitude Lighter Than Air Vehicle for a major defense contractor (2010)
- Surface observation verification for a nuclear facility in Pennsylvania (2010)
- Site-specific PMP study for Waterton Dam, Alberta, Canada (2010)
- Several site-specific PMP projects for Maricopa and Pinal Counties, AZ (2010)
- Wet bulb and dry bulb temperatures analysis and return frequency comparison for a nuclear facility along the East Coast (2010)
- Site-specific PMP for Tuxedo Lake, NY (2010)
- Forensic analysis of wind storm damage near Atlanta, GA (2010)
- Site-specific PMP study for Florence FRS, AZ (2010)
- Site-specific PMP study for Magma FRS near Phoenix, AZ (2010)