

SkyCast™ Radar Wind and Thermodynamic Profiling System Installations

These systems typically include an MP-3000A and a radar wind profiler (RWP) with acoustic wind profiler (AWP) and lidar wind profiler (LWP) options, except as noted -- with the RWTPS instrumentation package supporting detection and nowcasting of fog, turbulence, sea breezes, inversions, wind shear and other high impact weather conditions, as well as air quality monitoring and research.

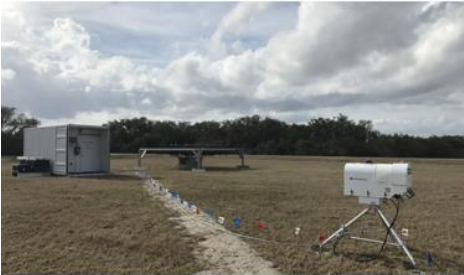
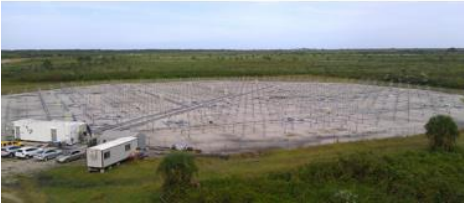
Photo	Install Date & Model	Installation Site/Customer/Location	Application	Links
	2018 MP-3000A XBS-T-RWP	Cape Canaveral Air Force Station Eastern Test Range	Launch Weather Decision Support	http://weatherview.radiometrics.com/ccafs.htm
	2015 FBS-MST RWP			http://radiometrics.com/data/uploads/2014/08/Hurricane-Matthew-161017.pdf
	2013 AWP			

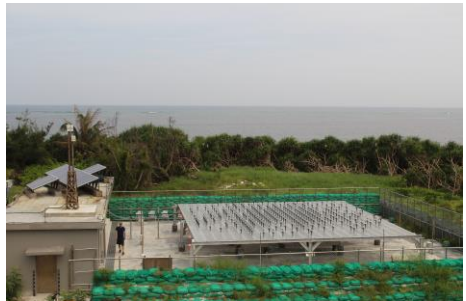
Photo	Install Date & Model	Installation Site/Customer/Location	Application	Links
	2017 MP-3000A XBS-T RWP AWP	Vandenberg Air Force Base Western Test Range	 <u>Launch Weather Decision Support</u>	 <u>http://weatherview.radiometrics.com/vafb.htm</u>
	2017 MP-3000A XBS-T RWP	National Central University Taiwan	<i>Tropospheric Wind and Thermodynamic Profiling to Support High Impact Weather Research</i>	
	2017 MP-3000A FBS-ST RWP	Central Weather Bureau (CWB) Taiwan	<i>Tropospheric Wind and Thermodynamic Profiling to support CWB Typhoon Forecasting Operations</i>	

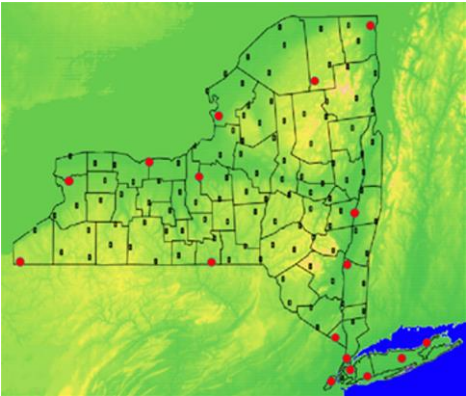
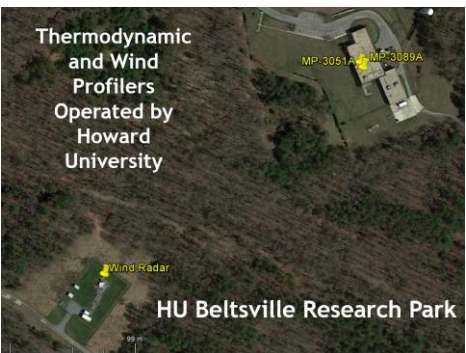
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	2017 17-Site MP-3000A +LWP network	New York State Mesonet	<i>High-Impact Weather Effect Mitigation</i>	http://www.nysmesonet.org
	2016 2 MP-3000As (BL-RWPs planned for 2018)	Colombian Air Force (FAC)	<i>High Impact Weather Nowcasting</i>	

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	2016 MP-3000A XBS-BL RWP	Abu Dhabi Int'l Airport (AUH) UAE	<i>Aviation Weather Nowcasting & Forecasting</i>	
	2015 MP-3000A BL-RWP	Las Vegas, Nevada Clark County Dept. Air Quality	<i>Air Quality Monitoring & Alerting</i>	Wiker, Quality of Air , MTI, 2010. Clark County Dept. Air Quality, Integrated Upper-Air Sounding System
	2015 MP-3000A XBS-BL RWP	Taiwan Typhoon and Flood Research Institute (TTFRI)	<i>Advanced Typhoon Research and Forecasting program.</i>	

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	2015 MP-3000A BL-RWP	Manama International Airport Bahrain	<i>Continuous wind and thermodynamic profiling to support nowcasting of high impact weather events</i>	Aviation Weather Decision Support System (AWDSS)
	2014 Mobile MP-3000A XBS-BL System	San Diego Gas and Electric (SDG&E)	<i>Fire Weather & Load Forecasting</i>	Channel 10 News: Backcounty Fire Protection
	2014 Mobile MP-3000A XBS-T System	San Diego Gas and Electric (SDG&E)	<i>Fire Weather & Load Forecasting</i>	Channel 10 News: Backcounty Fire Protection

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	2014 Network of 7 integrated MP3000A and BL-RWP sites	Korean Air Force (ROKAF)	<i>High Impact Weather Nowcasting & NWP</i>	
	2014 MP-3000A Acoustic WP	Tehachapi, California	<i>Wind Energy Prediction (U.S. Dept. Energy, University of California, So. Cal. Edison)</i>	
PHOTOS RESTRICTED	2013 Network of 20 MP-3000A (RWPs to be added 2018-2019)	Indian Air Force (IAF)	<i>Local High Impact Weather Nowcasting & NWP</i>	
	2013 VAD-BL RWP	Suvarnadhumi International Airport (BKK) Bangkok, Thailand	<i>Aviation Weather Decision Support</i>	

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	2013 MP-3000A VAD-BL RWP	AMVA/SIATA in Medellin, Colombia	<i>Local High Impact Weather Nowcasting & Forecasting</i>	 Disaster Alert Tower
	2012 MP-3000A VAD-BL RWP	Dirección de Monitoreo Atmosférico DMA Secretaría del Medio Ambiente: Mexico City	<i>Air Quality Monitoring & Alerting</i>	Mexico City Quality of Air

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 Los Angeles International Airport	2011 MP-3000A BL-RWP AWP	Los Angeles Int'l Airport (LAX) Operated by SoCal Edison and South Coast Air Quality Management District	<i>Air Quality Monitoring & Alerting</i>	Upper-Air Monitoring Network
	2009 MP-3000A BL-RWP	Dubai International Airport (DXB)	<i>Aviation Weather Decision Support System -- Local High-Impact Weather Nowcasting & Numerical Weather Prediction</i>	Thomas, Spread the Message, 2010. Shaw, WRF AWDSS, 2008. Barrere, Dubai AWDSS, 2008.
 Thermodynamic and Wind Profilers Operated by Howard University HU Beltsville Research Park	2008 MP-3000A BL-RWP AWP 2012 MP-3000A	Howard University Beltsville, Maryland	<i>Basic research to improve weather, climate, and air quality prediction through intensive and long-term atmospheric field experiments</i>	Beltsville Center for Climate System Observation