

NHWC Quick View Agenda –Monday June 15, 2015 Indianapolis Conference

9:00a-12:00p	Registration		
12:00p-7:00p	Exhibitor Setup		
	C&O	Milwaukee	Illinois Central
9:00a-12:00p	NHWC Committee Meeting (as scheduled)	NHWC Committee Meeting (as scheduled)	NHWC Committee Meeting (as scheduled)
LUNCH ON YOUR OWN			
TBD	Golf Best Ball Scramble – additional fee applies		
5:00p-7:00p	Registration and Welcome Reception		
8:00p-11:00p	DINNER ON YOUR OWN Hospitality Suite in Lincoln		

Agenda is provisional and subject to change

NHWC Quick View Agenda –Tuesday June 16, 2015 Indianapolis Conference

7:00a-5:00p Registration			
8:00a-12:00p Exhibitor Setup			
1:30p-5:00p Exhibit Open in Grand Hall			
	C&O	Milwaukee	Illinois Central
8:30a-10:00a	OneRain TDMA Manager and Latest Contrail® Enhancements <i>Mike Zucosky, OneRain, Inc.</i>	Hydrological Data Collection: What You Learn in Over 20 Years of Field Support Experience <i>Dave Gunderson, U.S. Bureau of Reclamation</i>	USGS Fluvial Erosion Hazard (FEH) Mitigation Program and High Water Mark (HWM) Training Workshop <i>Zach Martin, U.S. Geological Survey</i>
10:00a-10:30a BREAK in foyer			
10:30a-12:00p	How to Upgrade Your Flood Warning System to use the ALERT2 Protocol <i>David Leader, HydroLynx, Inc.</i>	Acoustic Dopplers In Continuous Monitoring—Principles Of Operation, Best Practices, And Use Of Water Velocity Data For Flood Warning Applications <i>Janice Landsfeld, Xylem Inc.</i>	Why and How You Could Integrate Twitter into Your Flood Warning Platform <i>Jim Moffitt, Twitter</i>
12:00p-1:30p LUNCH – included with registration in Grand Hall			
1:30p-3:00p	ALERT2 Workshop Session 1 –General Toward More Intelligent Use of a More Intelligent Protocol <i>Don Van Wie, Telos Services</i>	Technical Training: SDI-12, AL200, and GPS <i>Ken Conner, Campbell Scientific, Inc.</i>	Implementing USACE RTS Flood Forecast System (Tentative) <i>Jeff Harris, WEST Consultants, Inc.</i>
3:00p-3:30p BREAK and EXHIBITOR FOCUS in Grand Hall			
3:30p-5:00p	ALERT2 Workshops Session 2 – Southern California Rollout Advancing Southern California's Complicated Flood Warning Networks to ALERT2 <i>Ron Marotto, Ventura County Watershed Protection District</i>	Integrated Water Resources Science and Services – Key Activities and Status <i>Mary Mullusky, National Weather Service</i>	High Resolution Flash Flood Modeling <i>Baxter Vieux, Vieux & Associates, Inc.</i>
6:00p-10:00p Dinner and Networking Event at Indianapolis Motor Speedway Museum - included with registration (buses load 5:30p -5:45p)			
10:00p-11:00p Hospitality Suite in Lincoln			

NHWC Quick View Agenda –Wednesday June 17, 2015 Indianapolis Conference

7:00a-5:00p		Registration	
8:00a-7:00p		Exhibits Open in Grand Hall	
in Champions Dr & E			
8:00a-8:30a		Exhibitor Focus and Refreshments in Grand Hall	
	Illinois Street Ballroom		
8:30a-10:00a General Session 1	NHWC Welcome: David Curtis, NHWC President Louis Uccellini, Director, National Weather Service Senior Staff, Office of the Director, U.S. Geological Survey		
10:00a-10:45a		BREAK and EXHIBITOR FOCUS in Grand Hall	
10:45a-12:00p General Session 2	James Angel, State Climatologist, Illinois State Water Survey Don Cline, Executive Director, Indiana Department of Homeland Security (invited)		
12:00p-1:30p		LUNCH – included with registration in Grand Hall Lunch speaker David Kane, Indiana Department of Homeland Security	
	Edison North		Edison South
	High Octane: New Technology		Racing Lore: Storm Stories and Lessons Learned Special Session on the 1913 Floods in the Ohio River Valley: Devastation, Consequences, Legacies
1:30p-2:00p	Application of a Distributed Model to Provide Enhanced Decision Support Services for a Flash Flood Prone Canyon in Northern Arizona Michael Schaffner, National Weather Service		1913’s “Katrina”: The Great Easter 1913 Storm System and Flood Devastation, Consequences, Legacies Trudy E. Bell, University of California High-Performance AstroComputing Center
2:00p-2:30p	Flood Warning Before the Rain Hits the Ground - Evaluating a New Precipitation Forecast Product for Increased Situational Awareness for the City of Austin Susan Janek, City of Austin		Ohio Valley Flood of 1913 Julia Dian-Reed, National Weather Service
2:30p-3:00p	Building for the Future - Retrofitting Early Warning Systems for the Next Generation Lex Kamstra, U.S. Bureau of Reclamation		The Disastrous Ohio Valley Flood of 1913 A Silver Jackets Collaborative Flood Outreach Campaign Sarah Jamison, National Weather Service
3:00p-3:30p		BREAK and EXHIBITOR FOCUS in Grand Hall	
	High Octane: New Technology		Where the Rubber Meets the Road
3:30p-4:00p	ALERT vs. ALERT2 - Performance Comparisons in Sacramento County David Curtis, WEST Consultants, Inc.		Nashville SAFE: Going Public Roger Lindsey, City of Nashville
4:00p-4:30p	Designing Networks for ALERT2 James Logan, OneRain, Inc.		Nashville SAFE: Using HEC-RTS for Flood Forecasting Bradley Heilwagen, AMEC Foster Wheeler
4:30p-5:00p	Lessons learned in implementing ALERT2 upgrades David Leader, HydroLynx, Inc.		Nashville SAFE: Situational Awareness for Flooding Events Bradley Heilwagen, AMEC Foster Wheeler
5:00p-7:00p		Exhibitor Reception – included with registration in Grand Hall	
9:00p-11:00p		DINNER ON YOUR OWN Hospitality Suite in Lincoln	

NHWC Quick View Agenda –Thursday June 18, 2015 Indianapolis Conference

7:00a-12:00p Registration						
8:00a-1:45p Exhibits Open in Grand Hall						
8:00a-8:30p Exhibitor Focus and Refreshments in Grand Hall						
	Edison North	Edison South	C&O	Milwaukee	Illinois Central	New York Central
	Where the Rubber Meets the Road	Rules of the Road: Policies and Procedures	Forecasting the Finish	High Octane: New Technology	Racing Lore: Storm Stories and Lessons Learned	Down the Road: Climate Change
8:30a-9:00a	Synopsis of the December 12, 2014 Camarillo Springs, CA and Pacific Coast Highway Flash Flood and Debris Flow Event Resulting from the May 2013 Springs Burn Area <i>Jayme Laber, National Weather Service</i>	Water Quality Regulation Impacts on Flood Control in Orange County, California <i>Chris Crompton, County of Orange</i>	Flood Warning for Spring Valley, Wisconsin <i>Ferris Chamberlin, U.S. Army Corps of Engineers</i>	High Water Operation System modernizes Regional Flood Protection System <i>Barry Puskas, Miami Conservancy District</i>	Flood Hazard Assessment of Ungauged Basin Using GIS and Hydrological Models <i>Uttam Aryal, Trivhuran University, Nepal</i>	Improving Flood-Frequency Analyses with Updated Regional Skews <i>Andrea Veilleux, U.S. Geological Survey</i>
9:00a-9:30a	The National Weather Service and the Iowa Flood Center: Working Together to Help Iowans Better Understand, Prepare for and Respond to Floods <i>Jeff Zogg, National Weather Svc.</i>	Flood Warning and Dissemination: How FEMA's CRS program evaluates a community flood warning program. <i>Al Goodman, AWG Consulting</i>	Sacramento Soil Moisture Accounting Model for Urban Drainage and Flood Control District <i>Markus Ritsch, Water & Earth Technologies, Inc.</i>	MetStorm™: Near Real-time Storm Precipitation Analytics <i>Katie Laro, MetStat, Inc.</i>	Rend Lake Dam Case Study, an Evaluation of Vibrating Wire Measurement Techniques <i>Sam Utley, Campbell Scientific</i>	Long-range Streamflow and Snowpack Forecasting Using Hydro-Climatic Indices <i>Dimitry Smirnov, Dewberry</i>
9:30a-10:00a	Smartphones are Changing National Weather Service Flood Safety and Warning Messages <i>Katie Garrett, National Weather Service</i>	Evolution of Post Wildfire Services within the National Weather Service. <i>Michael Schaffner, National Weather Service</i>	Modeling Flash Floods in Small and Medium Sized Catchments with Distributed Hydrological Model: Case Studies in Southern China <i>Yangbo Chen, Sun Yat-sen University, China</i>	Using High-Resolution Quantitative Precipitation Forecasts for Heavy Rainfall Prediction in Colorado <i>Dimitry Smirnov, Dewberry</i>	The Impact of Hurricane Arthur on the Albemarle-Pamlico Sound of North Carolina <i>David Herlong, North Carolina Department of Public Safety</i>	Status of US National Flood Frequency Guidelines – Transition from Bulletin 17B to Bulletin 17C <i>Wilbert Thomas, Michael Baker International</i>
10:00a-10:45a BREAK and EXHIBITOR FOCUS in Grand Hall						
	Edison North	Edison South	C&O	Milwaukee	Illinois Central	
	Where the Rubber Meets the Road	Rules of the Road: Policies and Procedures	Forecasting the Finish	High Octane: New Technology	Racing Lore: Storm Stories and Lessons Learned	
10:45a-11:15a	Visualizing NOAA National Weather Service Forecasts and Services In Southern California Through The Use of ESRI Story Maps <i>Jayme Laber, National Weather Service</i>	Small Basin Flash Flooding in Puerto Rico and its Impact on Communities <i>Althea Austin-Smith, National Weather Service</i>	Near Real-Time Continuous Streamflow Simulation for Small Urban Watersheds in Northeastern Illinois <i>Terry Ortel, U.S. Geological Survey</i>	Innovative River Observations in Alaska <i>Scott Lindsey, National Weather Service</i>	Implementing a Siren System for a Multi-Agency Flood Warning System <i>Mike Dussere, High Sierra Electronics</i>	

11:15a-11:45a	Risk Communication and Cognitive Bias <i>Tony Krause, U.S. Army Corps of Engineers</i>	A Race Against Time, America's Flood Risk from Aging Dams <i>Jason Wilson, AMEC Foster Wheeler</i>	Corps Water Management System (CWMS) for the Alabama-Coosa-Tallapoosa (ACT) River System. A Comprehensive and Integrative Tool for the Water Management Toolbox <i>Jeff Harris, WEST Consultants, Inc.</i>	Implementing a Camera System to Aid in Flood Monitoring <i>Bob Eitel, High Sierra Electronics</i>	DEFenS – DEbris and Flood Early warNing System <i>John Fulton, U.S. Geological Survey</i>
11:45a-12:15p	Forecasting the 2013 Illinois River Record Floods <i>Jonathon Thornburg, National Weather Service</i>	Effective Flood Preparedness and Response: More Than Just Technology <i>Andrew Rooke, AMR Consults</i>	The Latest Advances in the US Army Corps of Engineers' Corps Water Management System (CWMS) and Real-Time System (HEC-RTS) <i>Fauwaz Hanbali, U.S. Army Corps of Engineers</i>	Rationale for Advances in National Hurricane Center Products and Warnings <i>Richard Knabb, National Weather Service</i>	Addressing the Challenges of Distributed Hydrologic Modelling for Operational Forecasting <i>Steve Blake, DHI</i>
12:15p-1:45p LUNCH and FINAL EXHIBITOR PRIZES – included with registration in Grand Hall Lunch speaker Richard Knabb, Director, National Hurricane Center					
	Edison North	Edison South	C&O	Milwaukee	Illinois Central
	Where the Rubber Meets the Road	Rules of the Road: Policies and Procedures	Forecasting the Finish	High Octane: New Technology	Pit Crews: Framework for Success in the Field
1:45p-2:15p	Forecasts and Warnings -vs- Monitoring: Which is Best for Your Organization? <i>Andrew Rooke, AMR Consults</i>	Certification Now Available For Flood Barriers <i>Charles Mahall, FM Approval</i>	Real-Time Flow/Stage Forecasting, Inundation Mapping and Decision Support for the Russian River Basin with CWMS 3.0 / HEC-RTS 3.0 <i>Bill Charley, U.S. Army Corps of Engineers</i>	Flood Warning Systems of the Future <i>Mike Zucosky, OneRain, Inc.</i>	Areal Reduction Factors for the Colorado Front Range and Analysis of the September 2013 Colorado Storm. <i>Bill Kappel, Applied Weather Associates</i>
2:15p-2:45p	FloodWise: A Flash Flooding Emergency Management Tool <i>David Gilbey, Aquatic Informatics</i>	Show Me Your Validation – An Eye Towards Improving Flood Forecasting <i>Stuart Geiger, Dewberry</i>	Corps Water Management System (CWMS) National Implementation Plan <i>George Modini, U.S. Army Corps of Engineers</i>	Australian Bureau of Meteorology – Next Generation Hydrological & Flood Forecasting System – Ready For Operations. <i>Robert Thompson, Bureau of Meteorology, AU</i>	Upgrade of Flood Early Warning System in Slovenia for Efficient Forecasting, Flood Mapping and Dissemination <i>Henrick Garsdal, DHI</i>
2:45p-3:15p	Public Alerts and Warnings for Dam and Levee Safety Emergencies: What Really Matters? <i>Jason Needham, U.S. Army Corps of Engineers</i>	Flood Forecast System in Santa Clara County <i>Nahm Lee, Santa Clara Valley Water District</i>	Roseville, CA, Flood Forecast and Emergency Response <i>David Curtis, WEST Consultants, Inc.</i>	Modernization of TVA's Forecasting Framework <i>Gabe Miller, Riverside Technology</i>	Introduction to the USGS HWM and Flood Event Database and Tools <i>Marie Peppler, U.S. Geological Survey</i>
3:15p-3:30p BREAK in foyer					
	Edison North	Edison South	C&O	Milwaukee	Illinois Central
	High Speed: The Rise of Social Media	Down the Road: Climate Change	Forecasting the Finish	High Octane: New Technology	Pit Crews: Framework for Success in the Field
3:30p-4:00p	Should This Condition Worsen, the Following Areas Should Prepare to Evacuate... <i>Siavsaah Beik, Christopher B. Burke Engineering, LLC</i>	Those Rare, Heavy Rainfall Events are not so Rare Anymore: The Impacts of Increasingly Common Heavy Rainfall Events in Iowa <i>Jeff Zogg, National Weather Service</i>	Implementing a Real-Time Flood Forecast System with Inundation Mapping on the San Diego River <i>David Curtis, WEST Consultants</i>	Technologies for Next-Generation Real-Time Forecasting Systems <i>Karel Heynert, Deltares</i>	USGS Flood Inundation Mapping Program Updates <i>Marie Peppler, U.S. Geological Survey</i>
4:00p-4:30p	How the Colorado Flood Unfolded on Twitter <i>Jim Moffitt, Twitter</i>	Regional Precipitation Frequency Analysis for Four Storm Types in Tennessee Valley Watershed <i>Deborah Martin, Metstat</i>	The Road to a Successful CWMS Deployment <i>Benjamin Zoeller and Nathan Lefkovitz, AMEC Foster Wheeler</i>	Overhauling the Hot Springs Flood Warning Information System <i>Joseph Fleming, U.S. Geological Survey</i>	Ensuring Operational Readiness <i>David Haynes, Distinctive Automated Flood Warning System Designs</i>

4:30p-5:00p	Early Warning of Toxic Spills for Drinking Water Suppliers in the Susquehanna River Basin. <i>Kimberly Dagen, Susquehanna River Basin Commission</i>	A Case Study in Radar-based Hydrology: The September Flood of 2013 <i>Kevin Stewart, Urban Drainage and Flood Control District and Baxter Vieux, Vieux & Associates</i>	New Approaches in Flood Forecasting and Warning – Effective Flood Hazard Communication with Uncertain Forecasts <i>Murray Dale, CH2M Hill</i>	Results from the NWS Flash Flood Summit: Building a community-based initiative for modernized operational flash flood modeling and forecasting <i>Kate Abshire, National Weather Service</i>	Water Risk in Drought: Being Proactive in a Reactive Situation <i>Alan Peebles, Alabama Power Company</i>
5:00p-5:30p	NHWC Annual Business Meeting in C&O				
6:00p-9:00p 9:00p-11:00p	NHWC AWARDS BANQUET with door prizes – included with registration - Illinois Street Ballroom Hospitality Suite in Lincoln				