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Updated September 25, 2018.

## FY18 Web-Based Training Release Schedule

Schedule to be expanded into FY19 soon.

Training Deliverable	Audience	Release Date	Delivery Method	Length	Learning Center Search Keywords	Notes
AWIPS Delta Build Training - 17.2.1	All AWIPS Forecasters	Coincident with 17.2.1 release (Sep/Oct '17)	Learning Center	~10 min Informational Overview with optional VLab job	17.2.1 Informational Overview	New RH7 Operating System and ffmpeg video capture capability
Radar & Applications Course (RAC) FY18	Recently hired meteorologist and hydrologist interns; Select experienced	Oct '17	Blended Delivery (Learning Center, WES-2 Bridge, & Workshop)	80-100 Hours (NOTE: Time includes in-person workshop)	RAC, Radar, Applications Course	
WSR-88D System Readiness Training	Experienced NWS Forecasters	Oct '17	Learning Center	0.5 - 8 Hours	RAC, Radar, Applications Course	SOO matches modules to individual forecasters
Warning Operations Course - Winter Weather Warnings	All NWS Forecasters	Oct '17	Learning Center	7 Hours	WOC Winter	This course, aligning with the updated PDS. Part 1 to focus on forecasting impacts. Part 2 to focus on science, risk management and operations published
Seasonal Readiness Training - Winter Weather Warnings	Experienced NWS Forecasters	Oct '17	Learning Center	0.5 - 7 Hours	WOC Winter	SOO matches modules to individual forecasters
Communicating Winter Weather Surface Impacts	Forecasters with Winter Weather Responsibilities	Oct '17	Learning Center, MetEd Site	1.25 Hours	Surface Impacts	Sponsored by NOAA NWS
Local Tropical Cyclone Precipitation Forecasting and Communication	Forecasters with responsibility for areas affected by tropical cyclones	Oct '17	Learning Center, MetEd Site	45 Min	Local Tropical	Sponsored by NOAA NWS
Dam Failure Concepts and Modeling	Forecasters with Hydrology Responsibilities	Oct '17	Learning Center, MetEd Site	1.25 Hours	Dam Failure	Sponsored by WMO
Instrumentation and Measurement of Atmospheric Temperature	Staff involved with temperature measurement instrumentation	Oct '17	Learning Center, MetEd Site	2 Hours	Atmospheric Temperature	
WHFS User Introduction to Hydrology Applications	WFO Forecasters	Oct '17	Learning Center	15 Min	WHFS User	Introduction to WHFS applications in AWIPS-2
WHFS User Hydro Perspective	WFO Forecasters	Oct '17	Learning Center	20 Min	WHFS User	Specifics on using the Hydro Perspective in AWIPS-2

<b>WHFS User Hydro Time Series</b>	WFO Forecasters	<b>Oct '17</b>	Learning Center	20 Min	<b>WHFS User</b>	Using the Hydro Time Series application in AWIPS-2
<b>WHFS User RiverPro</b>	WFO Forecasters	<b>Oct '17</b>	Learning Center	20 Min	<b>WHFS User</b>	Using the RiverPro applicatio in AWIPS-2
<b>Digital Aviation Services</b>	NWS Operational Employees who are involved with Digital Aviation Services	<b>Nov '17</b>	Learning Center	TBD	<b>DAS, Digital, Aviation, Aviation Services</b>	
<b>NOAA Social Science Overview (101)</b>	All NOAA	<b>Nov '17</b>	Learning Center	TBD	<b>Social Science</b>	Overview of Social Science in NOAA meant for all employees
<b>WHFS User River Monitor</b>	WFO Forecasters	<b>Nov '17</b>	Learning Center	15 Min	<b>WHFS User</b>	Using River Monitor in AWIPS-2
<b>WHFS User Precip Monitor</b>	WFO Forecasters	<b>Nov '17</b>	Learning Center	15 Min	<b>WHFS User</b>	Using Precip Monitor in AWIPS-2
<b>GOES-R Series Faculty Virtual Course</b>	Non-operational staff interested in GOES-R Series data and products	<b>Nov '17</b>	Learning Center, MetEd Site	4 Hours	<b>Faculty Virtual</b>	Series of seven sessions. Sponsored by NOAA NESDIS.
<b>GOES-16 Case Exercise: 8 May 2017 Colorado Hail Event</b>	Forecasters with Convective Weather Responsibilities	<b>Nov '17</b>	Learning Center, MetEd Site	30 Min	<b>Colorado Hail</b>	
<b>What's Coming in Hydrologic Impacts Studies?</b>	Staff with interest in hydrologic impact studies	<b>Nov '17</b>	Learning Center, MetEd Site	1 Hour	<b>Hydrologic Impacts</b>	Sponsored by Bureau of Reclamation
<b>Meteorological Instrument Performance Characteristics</b>	Staff involved with meteorological instrument performance	<b>Dec '17</b>	Learning Center, MetEd Site	2 Hours	<b>Instrument Performance</b>	
<b>Advection Layer Precipitable Water (LPW) Product</b>	All Forecasters	<b>Dec '17</b>	Learning Center, VISIT Site	20 Min	<b>LPW</b>	New VISIT session introducing the CIRA Advection Layer Precipitable Water (LPW) product.
<b>IDSS PDS PCU 4</b>	NWS Operational Employees wishing to become Deployment Ready	<b>Dec '17</b>	Learning Center	TBD	<b>TBD</b>	Curricula/learning plan in LMS, content TBD
<b>IDSS PDS PCU 5</b>	NWS Operational Employees wishing to become Deployment Ready	<b>Dec '17</b>	Learning Center	TBD	<b>TBD</b>	Curricula/learning plan in LMS, content TBD

<b>IDSS PDS PCU 6</b>	NWS Operational Employees wishing to become Deployment Ready	<b>Dec '17</b>	Learning Center	TBD	<b>TBD</b>	Curricula/learning plan in LMS, content TBD
<b>IDSS PDS PCU 7</b>	NWS Operational Employees wishing to become Deployment Ready	<b>Dec '17</b>	Learning Center	TBD	<b>TBD</b>	Curricula/learning plan in LMS, content TBD
<b>WHFS User Site Specific Hydrologic Predictor (SSHP)</b>	WFO Forecasters	<b>Dec '17</b>	Learning Center	20 Min	<b>WHFS User</b>	This function is being replaced by WFO CHPS so this will be a cursory overview
<b>TDWR Update Training</b>	All Weather Radar Forecasters	<b>1st Quarter FY18</b>	Learning Center	TBD	<b>TBD</b>	Data Quality Improvements; TDWR applications to warning operations
<b>Warning Operations Course - Core Warning Decision Making</b>	New NWS Forecasters	<b>Jan '18</b>	Learning Center	12 Hours	<b>WOC Core</b>	- Maximizing Performance Under Stress - Coping with stress - Maximizing Motivation
<b>Seasonal Readiness Training - Core Warning Decision Making</b>	Experienced NWS Forecasters	<b>Jan '18</b>	Learning Center	0.5 - 12 Hours	<b>WOC Core</b>	- Maximizing Performance Under Stress - Coping with stress - Maximizing Motivation
<b>Warning Operations Course - Severe Convective Warnings</b>	New NWS Forecasters	<b>Jan '18</b>	Blended (Learning Center & WES-2 Bridge)	16 Hours	<b>WOC Severe</b>	- Effective use of CAMs in Svr Wx - QLCS Tor recognition/detection - Mesoanalysis methods - Expanded ILT exercises
<b>Seasonal Readiness Training - Severe Convective Warnings</b>	Experienced NWS Forecasters	<b>Jan '18</b>	Learning Center	0.5 - 16 Hours	<b>WOC Severe</b>	- Effective use of CAMs in Svr Wx - QLCS Tor recognition/detection - Mesoanalysis methods - Expanded ILT exercises
<b>Warning Operations Course - Flash Flood Warnings</b>	New NWS Forecasters	<b>Jan '18</b>	Blended (Learning Center & WES-2 Bridge)	8 Hours	<b>WOC Flash Flood</b>	- FLASH applications lesson - Lessons related to issues facing the western US - Lessons on hydro-related AWIPS tools
<b>Seasonal Readiness Training - Flash Flood Warnings</b>	Experienced NWS Forecasters	<b>Jan '18</b>	Learning Center	0.5 - 8 Hours	<b>WOC Flash Flood</b>	- FLASH applications lesson - Lessons related to issues facing the western US - Lessons on hydro-related AWIPS tools
<b>AWIPS Delta Build Training - 17.3.1</b>	All AWIPS Forecasters	<b>Feb '18</b>	Learning Center	~10 min overviews and job sheets in the VLab	<b>17.3.1 Informational Overview</b>	Hazard Simplification, FFMP numerous DR fixes, Data Delivery friendly NOMADS data renaming, FLASH product menus for SBN ingest, Sub-
<b>Rapid Scan Applications and Benefits</b>	All Forecasters	<b>Feb '18</b>	Learning Center, MetEd Site	45 Min	<b>Rapid Scan</b>	Sponsored by EUMETSAT
<b>Mesoscale Model Components of the National Blend of Models Version 3.0</b>	All Forecasters	<b>Mar '18</b>	Learning Center, MetEd Site	45 Min	<b>NBM</b>	Sponsored by NOAA NWS

<b>National Water Model, Part 1: Science and Products</b>	Forecasters with Hydrology Responsibilities	<b>Mar '18</b>	Learning Center, MetEd Site	1 Hour	<b>Water Model</b>	Sponsored by NOAA NWS
<b>Real-time Storm Surge Products (lesson update)</b>	Forecasters with responsibility for coastal areas affected by tropical	<b>Mar '18</b>	Learning Center, MetEd Site	45 Min	<b>Surge Products</b>	Sponsored by NOAA NWS
<b>Interpreting and Communicating EPS Guidance: Iberian Heat Wave</b>	All Forecasters	<b>Mar '18</b>	Learning Center, MetEd Site	45 Min	<b>EPS Guidance</b>	Sponsored by MSC
<b>Interpreting and Communicating EPS Guidance: British Columbia Winter Storm</b>	All Forecasters	<b>Mar '18</b>	Learning Center, MetEd Site	45 Min	<b>EPS Guidance</b>	Sponsored by MSC
<b>2018 Tropical Training</b>	Forecasters with Tropical/Coastal Responsibilities	<b>Mar '18'</b>	Learning Center	5 new modules totaling 1.75 Hours	<b>2018 Tropical</b>	Training covering changes/enhancements to tropical program for 2018 hurricane season.
<b>Data Delivery</b>	All AWIPS-2 users	<b>Apr '18</b>	Learning Center	TBD	<b>AWIPS-2; Data Delivery</b>	Still determining office roles for software use.
<b>Operational Environmental Monitoring Applications using the Community Satellite Processing Package (CSPP)</b>	Forecasters and others interested in accessing polar satellite data	<b>Apr '18</b>	Learning Center, MetEd Site	20 Min	<b>CSPP</b>	Sponsored by NOAA NESDIS
<b>National Water Model, Part 2: Early Performance</b>	Forecasters with Hydrology Responsibilities	<b>May '18</b>	Learning Center, MetEd Site	45 Min	<b>Water Model</b>	Sponsored by NOAA NWS
<b>Instrumentation and Measurement of Atmospheric Pressure</b>	Staff involved with pressure measurement instrumentation	<b>Jun '18</b>	Learning Center, MetEd Site	2 Hours	<b>Atmospheric Pressure</b>	
<b>GOES-16 and S-NPP/JPSS Case Exercise: Hurricane Harvey Surface Flooding</b>	Forecasters with Hydrology Responsibilities	<b>Jul '18</b>	Learning Center, MetEd Site	45 Min	<b>Harvey</b>	Sponsored by NOAA NESDIS
<b>What's New in the National Blend of Models version 3.1</b>	All Forecasters	<b>Jul '18</b>	Learning Center, MetEd Site	5 Min Video	<b>Version 3.1</b>	Sponsored by NOAA NWS
<b>Determining the Onset and Risk of Tropical Cyclone Winds (lesson update)</b>	Forecasters with responsibility for areas affected by tropical cyclones	<b>Jul '18</b>	Learning Center, MetEd Site	45 Min	<b>Onset and Risk</b>	Sponsored by NOAA NWS
<b>Situational Awareness in The Fire Environment</b>	Forecasters with Fire Weather Responsibilities	<b>Aug '18</b>	Learning Center, MetEd Site	1 Hour	<b>Situational Awareness</b>	Sponsored by NOAA NWS

<b>Unified Terrain in the National Blend of Models</b>	All Forecasters	<b>Aug '18</b>	Learning Center, MetEd Site	30 Min	<b>Unified Terrain</b>	Sponsored by NOAA NWS
<b>AFVT (Aviation Forecast Verification Tool)</b>	Forecasters with Aviation Responsibilities	<b>Sep '18</b>	Learning Center, MetEd Site	30 Min	<b>AVFT</b>	Sponsored by NOAA NWS Aviation
<b>GOES-16 GLM Case Exercise: Buenos Aires Tornado and Hail Event</b>	All Forecasters	<b>Sep '18</b>	Learning Center, MetEd Site	30 Min	<b>Aires</b>	
<b>Satellite Foundational Course for JPSS (SatFC-J)</b>	All Forecasters	<b>Sep '18</b>	Learning Center	14 lessons totaling 4.5 Hours	<b>SatFC-J</b>	Sponsored by NOAA JPSS. Content developed by COMET, CIRA, CIMSS, and SPoRT.
<b>WSR-88D Build Training - RDA/RPG Build 18.0 Training</b>	ALL WSR-88D Users	<b>4th Quarter FY18</b>	Learning Center	1 - 2 hours via LMS Modules and VLAB Guides	<b>WSR-88D, RDA, RPG</b>	Refresh of VCPs; HCA and TDS Updates; RPG Interface redesigned
<b>Overseas Multi-Radar/Multi-Sensor</b>	Overseas MRMS Users	<b>4th Quarter FY18</b>	Learning Center	6 Hours	<b>OCONUS MRMS</b>	Provides MRMS warning competencies to OCONUS Forecasters.
<b>WES-2 Bridge Training for 17.2.2 Release</b>	WES users and focal points	<b>TBD</b>	Learning Center	15-30 min training modules for forecasters and WES Focal Points	<b>WES-2 Bridge</b>	
<b>Automated Microburst Detection Algorithm (AMDA)</b>	All forecasters with severe thunderstorm warning responsibility	<b>TBD</b>	Learning Center and possibly WES-2 Bridge	20 Min	<b>AMDA</b>	New microburst detection algorithm from the FAA via the RPG Build 16 and AWIPS-2 14.4.1. Training delayed due to staff turnover and lack of backfilling.
<b>AWIPS Archiver Improvements</b>	SOOs and WES and archiving focal points	<b>TBD</b>	Learning Center	TBD	<b>AWIPS Archiver</b>	- Adds more intuitive names to archiver datasets, - Provides more flexibility in saving only relevant data for an office's area of
<b>AWIPS Delta Build Training - 18.1.1</b>	All AWIPS Forecasters	<b>TBD</b>	Learning Center	~10 min overviews and job sheets in the VLab	<b>18.1.1 Informational Overview</b>	Climate perspective, Post Tropical Storm Report, NOMADS VB menus, MRLE/VCP80 support, color coded station plot, 14-bit colormap support,
<b>Impact Catalog - Partner Events</b>	All NWS Employees using Impacts Catalog	<b>TBD</b>	Learning Center	TBD	<b>Impacts Catalog, Partners</b>	Training on partner event capability of Impacts Catalog.
<b>Impact Catalog - Partner Thresholds</b>	All NWS Employees using Impacts Catalog	<b>TBD</b>	Learning Center	TBD	<b>Impacts Catalog, Partners</b>	Training on partner thresholds capability of Impacts Catalog.