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VISITUpdated Jun 1, 2020.
Schedule subject to change.**FY20 Web-Based Training Release Schedule**More FY20 releases to be added as
dates become available.

Training Deliverable	Audience	Release Date	Delivery Method	Length	Learning Center Search Keywords	Notes
Radar & Applications Course (RAC) FY20-2 Release	Recently hired meteorologists	Oct '19	Blended (Learning Center, WES-2 Bridge & Workshop)	101 hours (61 hours of distance learning, plus 40 hour workshop)		This release will have limited availability with only one workshop in early February. Only 24 forecasters can be accommodated.
Probabilistic Winter Weather Forecasting: HREF Applications	Forecasters with Winter Weather Responsibilities	Oct '19	Learning Center, MetEd Site	45 Min	HREF	Sponsored by NOAA NWS AFS
NBM v3.2 Modified Blend Methods and New Model Components	All Forecasters	Oct '19	Learning Center, MetEd Site	45 Min	v3.2	Sponsored by NOAA NWS STI
NBM v3.2 Winter Weather Guidance	Forecasters with Winter Weather Responsibilities	Nov '19	Learning Center, MetEd Site	45 Min	v3.2	Sponsored by NOAA NWS AFS
NBM v3.2 New Weather Elements	All Forecasters	Nov '19	Learning Center, MetEd Site	45 Min	v3.2	Sponsored by NOAA NWS STI
Microwave Remote Sensing: Applications for Water Vapor, Clouds and Precipitation	All Forecasters	Nov '19	Learning Center, MetEd Site	1 Hour	Sensing Applications	Sponsored by NOAA NESDIS
Radar & Applications Course (RAC) FY20-3 Release	Recently hired meteorologists	Nov '19	Blended (Learning Center, WES-2 Bridge & Workshop)	101 hours (61 hours of distance learning, plus 40 hour workshop)		This release will have limited availability with only one workshop in early February. Only 24 forecasters can be accommodated.
Hazard Services IOC Focal Point Training	All AWIPS hydro focal points	Nov '19	Learning Center, VLab job sheets	Estimated: 3hrs overviews, 12hrs VLab jobsheet practice		User training is a prerequisite. Initial Operating Capability (IOC) will be hydro watch, warning, and advisory (WWA) capability. Focal point workshop at WDTD is being scheduled coincident with 19.3.1 deployment.
Hazard Services IOC User Training	All AWIPS users with hydrology responsibilities	Nov '19	Learning Center, VLab job sheets, applied warning exercises	Estimated: 2.5hrs overviews/demonstrations, 3-4hrs VLab jobsheet practice		Initial Operating Capability (IOC) will be hydro watch, warning, and advisory (WWA) capability. All WWA generation will migrate to Hazard Services over the next few years.

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AWIPS Build 19.3.1 Informational Overview	All AWIPS Users	Dec '19; maybe earlier	Learning Center, VLab job sheets	~10 min overviews and job sheets in the VLab	19.3.1 Informational Overview	Significant changes in 19.3.1 - note that Hazard Services is deployed in this build and will have a separate course.
Radar & Applications Course (RAC) FY20-4 Release	Recently hired meteorologists	Dec '19	Blended (Learning Center, WES-2 Bridge & Workshop)	101 hours (61 hours of distance learning, plus 40 hour workshop)		This release will have limited availability with only one workshop in early February. Only 24 forecasters can be accommodated.
Warning Operations Course - Flash Flood Warnings	New NWS Forecasters	Dec '19	Blended (Learning Center & WES-2 Bridge)	12 Hours		
Seasonal Readiness Training - Flash Flood Warnings	Experienced NWS Forecasters	Dec '19	Learning Center	0.5 - 12 Hours		Includes several new & updated lessons
Seasonal Readiness Training - Core Warning Decision Making	Experienced NWS Forecasters	Dec '19	Learning Center	0.5 - 12 Hours		
Seasonal Readiness Training - Severe Convective Warnings	Experienced NWS Forecasters	Dec '19	Learning Center	0.5 - 16 Hours		Includes new intro to mesoanalysis course
The Weather, Water, and Climate Enterprise: Enhancing Science, Service and Partnerships for a Weather-Ready Nation	All Forecasters	Dec '19	Learning Center, MetEd Site	45 Min	Weather-Ready	Sponsored by NOAA NWS
Gridded NUCAPS: Pre-Convective Analysis	All Forecasters	Dec '19	Learning Center, NASA/SPoRT Site	15 Min	NUCAPS	Produced by NASA/SPoRT
AWIPS System Readiness Update	All AWIPS Users	early FY20	Learning Center, VLab job sheets, WES exercises	varies	System Readiness	AWIPS fundamentals course will be updated as needed to support RAC, and AWIPS build training will be added to the curricula as new builds are deployed. Hazard Services training will be a major addition in Nov 2019 time frame for 19.3.1 deployment and Apr-May 2020 time frame for 20.2.1 deployment.

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Instrumentation and Measurement of Cloud Hydrometeors and Airborne Particles	Staff involved with Cloud and Particle Measurement Instrumentation	Jan '20	Learning Center, MetEd Site	2.5 Hours	Airborne Particles	Sponsored by NSF
VIIRS NCC Imagery in AWIPS	All Forecasters	Jan '20	Learning Center, VISIT Site	25 Min	VIIRS NCC	Produced by VISIT/CIRA
Integrating GOES Into Mesoanalysis for Severe Storm Forecasting	All Forecasters	Jan '20	Learning Center, VISIT Site	35 Min	Integrating GOES	Produced by VISIT/CIRA
Above-Anvil Cirrus Plumes	All Forecasters	Feb '20	Learning Center, VISIT Site	30 Min	Above-Anvil	Produced by VISIT/CIMSS
Winter Forecast Challenge	All Forecasters	Feb '20	WDTD Web Site	Periodic forecasts issued over a 2-3 month period		The Winter Forecast Challenge is a component of the Warning Operations Course Winter Weather that was opened up to all NWS forecasters several years ago. Forecasters issue a forecast of winter weather for a specific point during a time period and why they think the forecast will occur.
The National Weather Service Probabilistic QPF (PQPF) Experiment	Offices participating in the NWS PQPF Experiment	Mar '20	Learning Center	45 Min	PQPF	
2020 Tropical Training	Forecasters with responsibility for areas affected by Tropical Cyclones	Mar '20	Learning Center		2020 Tropical	Training covering changes/enhancements to tropical program for 2020 hurricane season.
AWIPS Build 20.1.1 Informational Overview	All AWIPS Users	Mar '20	Learning Center, VLab job sheets	~10 min overviews and job sheets in the VLab	20.1.1 Informational Overview	Significant changes in 20.1.1 - this may be primarily for focal points as python upgrades to python 3.6.8
Using Merged Satellite Precipitation (CMORPH and IMERG) Guidance	All Forecasters	Mar '20	Learning Center, MetEd Site	1 Hour	IMERG	Sponsored by NOAA NESDIS

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Satellite Jet Analysis	All Forecasters	Mar '20	Learning Center, MetEd Site	15 Min	Jet Analysis	Sponsored by MSC
Navigating the National Weather Service Fire Weather Program	Forecasters with Fire Weather Responsibilities	Mar '20	Learning Center, MetEd Site	45 Min	Service Fire	Sponsored by NOAA NWS
GOES-R/JPSS Case Exercise: Detecting and Monitoring Western US Wildfires	Aviation Program Leaders	Mar '20	Learning Center, MetEd Site	1 Hour	Western Wildfires	Sponsored by NOAA NESDIS
Best Practices for Identifying and Communicating Tropical Cyclone Threats and Impacts	Forecasters with responsibility for areas affected by Tropical Cyclones	Mar '20	Learning Center, MetEd Site	1 Hour	Identifying and Communicating	Sponsored by NOAA NWS
Storm Signatures Observed in Satellite Imagery	All Forecasters	Apr '20	Learning Center, VISIT Site	30 Min	Storm Signatures	Produced by VISIT/CIRA
BMH Attrition Course	NWS Forecasters	Apr '20	Learning Center	TBD	BMH, AWIPS NOAA Weather Radio	
AWIPS Build 20.2.1 Informational Overview	All AWIPS Users	Apr-Jun '20	Learning Center, VLab job sheets	~10 min overviews and job sheets in the VLab	20.2.1 Informational Overview	Significant changes in 20.2.1 - note that Hazard Services winter weather and hydro haz simplification is deployed in this build and will have a separate course.
Hazard Services Winter Weather User Training	Forecasters with winter weather responsibilities	Apr-Jun '20	Learning Center, VLab job sheets	Est 1-2 Hours		New Hazard Services capability released with build 20.2.1; build may slip
Hazard Services Winter Weather Focal Point Training	Forecasters with winter weather responsibilities	Apr-Jun '20	Online documentation, VLab job sheets	Est 1-2 Hours		New Hazard Services capability released with build 20.2.1; build may slip
Hazard Services Hydro Hazard Simplification User Training	Forecasters with winter weather responsibilities	Apr-Jun '20	Learning Center, VLab job sheets	est 1hr		New Hazard Services capability released with build 20.2.1; build may slip

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Hazard Services Hydro Hazard Simplification Focal Point Training	Forecasters with winter weather responsibilities	Apr-Jun '20	Learning Center, VLab job sheets	est 1hr		New Hazard Services capability released with build 20.2.1; build may slip
FY20 Warning Operations Course - Severe Weather		May '20	web, instructor-led, gamification, simulations	30-35 hours	WOC Severe	
Severe Forecast Challenge	All Forecasters	May '20	WDTD Web Site	Periodic forecasts issued over a 2-3 month period		The Severe Forecast Challenge is a component of the Warning Operations Course Severe Convection that was opened up to all NWS forecasters several years ago. Forecasters issue a forecast of severe weather for a specific point during a time period and why they think the forecast will occur.
NOAA/CIMSS ProbSevere Product version 2	All Forecasters	May '20	Learning Center, VISIT Site	30 Min	ProbSevere version 2	Produced by VISIT/CIMSS
GOES-R/JPSS Case Exercise: Products & Capabilities for Assessing Convective Initiation	All Forecasters	May '20	Learning Center, MetEd Site	45 Min	Capabilities for Assessing	Sponsored by NOAA NESDIS
Instrumentation and Measurement of Surface Precipitation	Staff involved with Precipitation Measurement Instrumentation	Jun '20	Learning Center, MetEd Site			Sponsored by NSF
AFVT (Aviation Forecast Verification Tool)	Forecasters with Aviation Responsibilities	Jun '20	Learning Center, MetEd Site	30 Min	AFVT	Sponsored by NOAA NWS Aviation
GOES/JPSS Convective Maintenance	All Forecasters	Jun '20	Learning Center, MetEd Site			Sponsored by NOAA NESDIS
NWM Validation and Verification	Forecasters with Hydrology responsibilities	Jun '20	Learning Center, MetEd Site			Sponsored by NOAA NWS

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Training Deliverable	Audience	Release Date	Delivery Method	Length	Learning Center Search Keywords	Notes
Intro to NWS Tropical Program	Forecasters with responsibility for areas affected by Tropical Cyclones	Jun '20	Learning Center			
AWIPS Build 20.3.1 Informational Overview	All AWIPS Users	Jul-Sep '20	Learning Center, VLab job sheets	~10 min overviews and job sheets in the VLab	20.3.1 Informational Overview	Significant changes in 20.2.1 - training coincident with deployment of 20.2.1; build may slip
NWPS Probabilistic Rip Current Model	Forecasters with Marine/Coastal Responsibilities	Sep '20	Learning Center	20 Min	NWPS	Will cover operational use of new probabilistic rip current guidance.
NWP Probability Definitions	All Forecasters	Sep '20	Learning Center, MetEd Site			Sponsored by NOAA NWS
Aviation Program Leader Training	Aviation Program Leaders	Sep '20	Learning Center, MetEd Site			Sponsored by NOAA NWS Aviation
IDSS 101	All NWS Employees	TBD	Learning Center	TBD (Goal 30 min)	IDSS, Decision Support, NWS Evolve, Weather-Ready Nation	Requested during IDSS PDS analysis phases but on hold until policy is officially released.