

Agenda for Residence Training on Climate Services Operations

	NWS TC Lecture Room 127	NWS TC Lab Room 123	
Time	Tuesday, Aug 26	Wednesday, Aug 27	Thursday, Aug 28
8 – 12	Introduction (8-8:10) Bair (8:10 – 9:00) Tribble Know CFP role and functions, Mapping CFP functions to the course agenda Climate Observations (9:15 – 10:45) McGuirk. Know how to ensure on site QC for NCDC climate data and how to report data problems using Datzilla; explain what impact integrity has on climate observations.	Climate Variability (8:00-9:00) Staudenmaier. Explain meaning, applicability and relevance of ENSO phenomenon to customers	CPC Seasonal Forecast Verification (8:00-8:30) Timofeyeva Explain customers where, when and how good is CPC seasonal forecast
	Climate Observations (11 – 11:45) Eggleston Know how NWS regional and local offices will participate in NCDC lead projects on ThreadEx and Health of the Network		Local Forecast Products Bair (8:30-10:00) Deliver Local 3-month Temperature Outlook (based on downscaling) <ul style="list-style-type: none"> • Identify role of local office in issuing product • Explain product to customers • Explain methodology to customers Guide consumers in potential use and application of the products.
		Climate Variability (9:05-10:00) Know how to use CDC website to develop ENSO related web graphs and how to use NCDC data in separation and analysis ENSO active and neutral events Climate forecast terminology (10:15-11:45) Hartmann Explain and apply climate forecast terms (e.g. meaning of categorical and probabilistic forecast, forecast confidence, use of EC, etc.)	Composite Products (10:30-12:00) Timofeyeva Deliver local climate product (based on composite analysis) <ul style="list-style-type: none"> • Identify role of local office in issuing product • Explain product to customers • Explain methodology to customers • Guide consumers in potential use and application of the products. • Conduct composite analysis
12 – 13	LUNCH starts 11:45 with group picture	WORKING LUNCH: Local Climate Problem Discussion	LUNCH
13 – 17	Climate Observations (1:00 - 1:30) Mayes Follow referral procedures for climate data distribution Lab xmACIS (1:40-2:35) Eggleston Use of xmACIS tool for local climatology studies	Interpretation of CPC climate products (1:00-2:15) Halpert Explain main CPC climate products to local staff and customers (although the main focus will be LRO, other products, e.g. ERF, ENSO and drought monitoring products will be discussed).	Lab on Composite Products (1:00-1:45) Timofeyeva
			Climate Variability (2:00-2:50) Staudenmaier Explain phenomenon of Drought to local office staff and customers, explain standard definitions on NOAA drought indices, be able to identify drought in climate records, know who declared beginning and end of drought state and what is used in making these decisions
	Reference to Climate Services Providers and Their Products and Services (2:50-3:40) Timofeyeva Use Reference Tool, access climate information, answer customer inquiries, education of local office staff and customers	Intro to verification (2:30-3:00) Hartmann <ul style="list-style-type: none"> • Use verification terms appropriately • Explain quality of forecast products to local staff and customers 	Local customer outreach (3:00-4:30) Adolphson and Mayes Conduct climate related customer outreach, including local climate products. Know how to organize customer targeted outreach activities and what information is required by different customers' groups.
	Climate Variability (3:50-4:50) Staudenmaier Explain meaning, applicability and relevance of climate change to customers. Identify guidelines for addressing inquiries related to climate change	Verification tool (3:00-3:45) Hartmann Use the Verification tool to access CPC and Local Climate Product verification statistics, Guide local customers in potential successful use of the forecast information	
		Day Summary (4:50-5:00) Tribble	Day Summary (4:00-5:00) Staudenmaier

Breaks are not explicitly stated in this agenda, but assumed in the time spans between two consequent presentations.