

Agenda for Python Training
College Park, MD
January 2016

Friday, January 22		
	Topic	Speaker
9:00 AM	HWRF System Overview <ul style="list-style-type: none"> • Outline of system design • Basin configurations • Alternate configuration options • Basics of intercycle, intracycle, and ultimate delivery of data • Resources for Users and Developers 	Christina
9:30 AM	HWRF Internals Overview <ul style="list-style-type: none"> • How information is passed around • Database introduction • Configuration basics and required settings 	Sam
9:50 AM	Object-oriented Scripts <ul style="list-style-type: none"> • Overview of O-O programming • How it's implemented for HWRF 	Christina
10:10 AM	Produtil Package <ul style="list-style-type: none"> • Overview of the produtil package 	Sam
10:40 AM	Break	
11: 00 AM	Logs Overview <ul style="list-style-type: none"> • Jlog • Standard output/error streams • Component logs 	Christina
11: 20 AM	Troubleshooting <ul style="list-style-type: none"> • How to identify and handle failures • Using fallbacks • When and why to edit storm1.conf 	Sam
11: 50 AM	Configuring <ul style="list-style-type: none"> • Configuration files • HWRF Classes responsible for configuration • Map of contents of conf sections/keys and alternate conf files 	Sam

12: 30 PM	Lunch (on your own)	
1:30 PM	Rocoto for HWRF <ul style="list-style-type: none"> • Purpose • How it works • Effectively using Rocoto for HWRF 	Christina
2:00 PM	Database <ul style="list-style-type: none"> • How it's used for HWRF • Contents 	Sam
2:30 PM	Debugging <ul style="list-style-type: none"> • Running scripts from command line • Using an interactive session 	Christina
3:00	Break	
3:30 PM - 5:00 PM	Demonstration: Adding a Workflow Component <ul style="list-style-type: none"> • Overview of necessary scripts • Input/output considerations • Plugging in 	Christina & Sam

*Blue shading indicates an NCO friendly session.