

2018 RA-IV WORKSHOP ON HURRICANE FORECASTING AND WARNING
 FEBRUARY 26-MARCH 9, 2018 AT NHC
 NHC COURSE COORDINATOR: RICHARD J. PASCH (TEL. 305-229-4411)

WEEK 1 MON. – FEBRUARY 26		TUE. – FEBRUARY 27	WED. – FEBRUARY 28	THU. – MARCH 1	FRI. – MARCH 2
AM Break	RP/ER: WELCOME AND INTRODUCTION, TOUR	MB: RAINFALL FORECASTING	EB: INTRASEASONAL TC VARIABILITY/SEASONAL FORECASTING	JB: DVORAK TECHNIQUE	JB: DVORAK TECHNIQUE (CONT.)
	FM: HURRICANE RESEARCH	SS: TAFB OPERATIONS AND PRODUCTS	JB: INTRODUCTION TO SATELLITES/GOES-R		
Lunch					
PM Break	RR: AIRCRAFT OBSERVATIONS IN TCs JS: TC MODELING & DATA ASSIMILATION	JC/LA: TROPICAL WAVES	MB: EXTRATROPICAL TRANSITION		
	BK: LARGE-SCALE CIRCULATION	RP: TC GENESIS	JC: TROPICAL CYCLONE STRUCTURE	↓	↓

WEEK 2 MON. –MARCH 5		TUE. – MARCH 6	WED. – MARCH 7	THU. – MARCH 8	FRI. – MARCH 9
AM Break	SRS/JC: INTERPRETATION OF MICROWAVE IMAGERY	EB/DB: ENSEMBLE FORECASTING & PROBABILISTIC GUIDANCE	JF: RECONNAISSANCE AIRCRAFT DATA ANALYSIS RP/DZ: TC TRACK FORECASTING EXERCISE	SEE NEXT PAGE	SEE NEXT PAGE
	CF: STORM SURGE	KE: HURRICANE SCIENCE TUTORIAL (SPECIAL LECTURE)	RP/DB/RB: OPERATIONAL TC FORECASTING AND ADVISORY PREPARATION		
Lunch					
PM Break	JJ: TROPICAL ANALYSIS	RP/DZ: TC TRACK FORECASTING	↓	↓	↓
	SRS: DOPPLER RADAR	MD: TC INTENSITY FORECASTING			

Class Hours

Class Duration: 1 Hr. 20 Min. Per Unit
Break Duration: 20 Min.
Lunch Duration: 1 Hr. 40 Min.

Morning: 8:30 AM - 9:50 AM
 10:10 AM- 11:30 AM
Afternoon: 1:10 PM - 2:50 PM
 3:10 PM - 4:30 PM

Notes: 1) Map Discussion in Operations Area by Course Participants, Daily 1:10 - 1:30
 2) Demonstrations of Operational Equipment to be Announced

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	Thursday, March 8, 2018	Friday, March 9, 2018
0830-1130	<ul style="list-style-type: none"> • Communicating probabilities & risk (Robbie Berg; 8:30-9:00) • The value of local threat assessments (Pablo Santos; 9:00-9:50) 	<ul style="list-style-type: none"> • How the media delivers the message: Partnership and coordination with the media (Craig Setzer; 8:30-9:00) • Media training (Dennis Feltgen 9:00-10:00)
	<ul style="list-style-type: none"> • The role of the Science and Operations Officer (Kevin Scharfenberg; 10:10-11:00) • Partnership and coordination with emergency management (Part 1) (Charles Cyrille; 11:00-11:30) 	<ul style="list-style-type: none"> • Briefing emergency management (Andy Devanas; 10:20-11:30)
1130-1310	LUNCH	LUNCH
1310-1330	MAP DISCUSSION	MAP DISCUSSION
1330-1630	<ul style="list-style-type: none"> • The role of the Warning Coordination Meteorologist (Rob Molleda; 13:30-14:20) • Societal impacts of hurricanes (Betty Morrow; 14:20-16:00, w/break) 	<ul style="list-style-type: none"> • Effective messaging: Changing the outcome of the event (Dave Sharp; 13:30-14:30) • Loss of life in tropical cyclones (Ed Rappaport; 14:30-15:00)
	<ul style="list-style-type: none"> • Partnership and coordination with emergency management (Part 2) (Atiba Upchurch; 16:00-16:30) 	<ul style="list-style-type: none"> • Review of the workshop • Conclusions • Close (Richard Pasch; 15:20- 16:30)

KEY TO INSTRUCTORS FOR FEBRUARY 26-MARCH 7:

BK: BEN KIRTMAN
 CF: CODY FRITZ
 DB: DANIEL BROWN
 DF: DENNIS FELTGEN
 DZ: DAVE ZELINSKY
 EB: ERIC BLAKE
 EC: ERIC CHRISTENSEN
 ER: ED RAPPAPORT
 FM: FRANK MARKS

JB: JACK BEVEN
 JC: JOHN CANGIALOSI
 JJ: JIANN-GWO JIING
 JF: JAMES FRANKLIN
 JS: JASON SIPPEL
 KE: KERRY EMMANUEL
 LA: LIXION AVILA
 MB: MICHAEL BRENNAN

MD: MARK DEMARIA
 RB: ROBBIE BERG
 RP: RICHARD PASCH
 RR: ROB ROGERS
 SS: SCOTT STRIPLING
 SRS: STACY R. STEWART