

2019 RA-IV WORKSHOP ON HURRICANE FORECASTING AND WARNING
 APRIL 29-MAY 10, 2019 AT NHC
 NHC COURSE COORDINATORS: RICHARD J. PASCH and ERIC S. BLAKE

	WEEK 1	MON. – APRIL 29	TUE. – APRIL 30	WED. – MAY 1	THU. – MAY 2	FRI. – MAY 3
AM Break		RP/ER: WELCOME AND INTRODUCTION, TOUR	BK: LARGE-SCALE CIRCULATION	EB/DB: ENSEMBLE FORECASTING & PROBABILISTIC GUIDANCE	JB: DVORAK TECHNIQUE	JB: DVORAK TECHNIQUE (CONT.)
		FM: HURRICANE RESEARCH	SPECIAL LECTURES BY BOB HART	JB: INTRODUCTION TO SATELLITES		
Lunch (11:30 AM – 1:00 PM), Map Discussion (1:00 PM – 1:30 PM)						
PM Break		CL/SS: TAFB OPERATIONS AND PRODUCTS	JC: TROPICAL WAVES	MB: RAINFALL FORECASTING		
		↓	RR: AIRCRAFT OBSERVATIONS IN TCs JS: TC MODELING & DATA ASSIMILATION	SRS/JC: INTERPRETATION OF MICROWAVE IMAGERY	↓	↓
	WEEK 2	MON. –MAY 6	TUE. – MAY 7	WED. – MAY 8	THU. – MAY 9	FRI. – MAY 10
AM Break		JJ: TROPICAL ANALYSIS	EB: INTRASEASONAL TC VARIABILITY/SEASONAL FORECASTING	MD: TC INTENSITY FORECASTING	SEE NEXT PAGE	SEE NEXT PAGE
		RP/AL: TC GENESIS	SPECIAL LECTURES BY JIM KOSSIN	CF: STORM SURGE		
Lunch (11:30 AM – 1:00 PM), Map Discussion (1:00 PM – 1:30 PM)						
PM Break		MO: TROPICAL CYCLONE STRUCTURE	DZ/RP: TC TRACK FORECASTING	RP/DZ: OPERATIONAL TC FORECASTING AND ADVISORY PREPARATION	↓	↓
		SRS: DOPPLER RADAR	DZ/RP: TC TRACK FORECASTING EXERCISE JF: RECONNAISSANCE AIRCRAFT DATA ANALYSIS	↓	↓	↓

Class Hours

Class Duration: 1 Hr. 20 Min. Per Unit
Break Duration: 20 Min.
Lunch Duration: 1 Hr. 30 Min.

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

Note: Daily Map Discussion in Operations Area by Course Participants, 1:00 - 1:30 PM

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	Thursday, May 9, 2019	Friday, May 10, 2019
0830-1130	<ul style="list-style-type: none"> • Social media (Eric Blake; 8:30-9:00) • Media training (Erica Rule; 9:00-9:50) Break (9:50-10:10) 	<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) Break (9:50-10:10)
	<ul style="list-style-type: none"> • The role of the Science and Operations Officer (Ariel Cohen; 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 (Jon Rizzo; 10:10-11:00) • How the media delivers the message: Partnership and coordination with the media (Craig Setzer; 11:00-11:30)
1130-1300	LUNCH	LUNCH
1300-1330	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 aspects of hurricanes (Part 1) (Hugh Gladwin; 14:20-15:00) Break (15:00-15:20) 	<ul style="list-style-type: none"> • Partnership and coordination with emergency management (Part 2) (Martin Senterfitt; 13:30-14:00) • The Hurricane Liason Team (Matthew Green; 14:00-14:30) • Partnership and coordination with emergency management (Part 3) (Dexter Accardo; 14:30-15:00) Break (15:00-15:20)
	<ul style="list-style-type: none"> • Societal aspects of hurricanes (Part 2) (Hugh Willoughby; 15:20-16:00) • Loss of life in tropical cyclones (Ed Rappaport; 16:00-16:30) 	<ul style="list-style-type: none"> • Review of the workshop • Conclusions • Close <p>(Richard Pasch and Eric Blake; 15:20-16:30)</p>

KEY TO INSTRUCTORS FOR APRIL 29-MAY 8:

AL: ANDY LATTO
 BK: BEN KIRTMAN
 CF: CODY FRITZ
 CL: CHRIS LANDSEA
 DB: DANIEL BROWN
 DZ: DAVE ZELINSKY
 EB: ERIC BLAKE

ER: ED RAPPAPORT
 FM: FRANK MARKS
 JB: JACK BEVEN
 JC: JOHN CANGIALOSI
 JJ: JIANN-GWO JIING
 JF: JAMES FRANKLIN
 JS: JASON SIPPEL

MB: MICHAEL BRENNAN
 MD: MARK DEMARIA
 MO: MATT ONDERLINDE
 RP: RICHARD PASCH
 RR: ROB ROGERS
 SRS: STACY STEWART
 SS: SCOTT STRIPLING