Virtual Lab #16: How do meteorologists predict the weather? Page 1

Search Term: http://www.glencoe.com/sites/common_assets/science/virtual_labs/ES15/ES15.html

Question 1: Da	ay 1: What ar							
	Tempe °C	rature °F	Wind Dir.	MPH	Cloud Cover	Type of Precipitation	Barometric Pressure	Difference in Barometric Pressur
City 1								
City 2								
City 3								
City 4								
Question 2: Day	z 1. Prodict the	woath	or cond	litions	for Day 2. The	so woather con	ditions should	include temperat
mount of cloud					any.		uitions snould	meiude temperat
0': 4	Tempe	rature			Cloud Cove	er	Type of P	recipitation
City 1								
City 2								
City 3								
City 4								
Dungtion 2. Day	· 2· What are t	20 01188	nt con	dition	a on Day 2 in o	ash of the regio	n'a sitios?	
<u> zuestion 5: Day</u>		: What are the current conditions Temperature Wind		Cloud Cover Type of		Barometric Difference in		
	°C 1	οF	Dir.	MPH		Precipitation	Pressure	Barometric Pressur
City 1								
City 2								
City 3								
City 4								
Overtion 4. Day	• 2. How do the	<u> </u>	+ aand	! ! !	on Dov 2 gome		diatad aanditi	
Question 4: Day	/ 2: How do the	currer	it cona	itions	on Day 2 comp	are to your pre	aictea conaiti	ons?
,								
Question 5: Day			er cond	litions			- an	
City 1	Tempe	rature			Cloud Cove	er	Type of P	recipitation
City 2								
City 3								
City 4								

	3: What are the control Temperature	re Wind	i	Cloud Cover	Type of	Barometric	Difference in Barometric Pressure
City 1	• C •]	7 Dir.	MPH		Precipitation	Pressure	barometric Pressure
City 1							
City 2							
City 3							
City 4							
 Duestion 7: Day	3: How do the cur	rent cond	litions	on Day 3 comr	are to your pre	dicted conditi	ons?
ucstion 7. Day	3. How do the cur	Tene con	11110113	on Day 5 comp	oare to your pre	<u>arctea contaiti</u>	01131
uestion 8: Day	3: Predict the wes		ditions			CD	
City 1	Temperatu	re		Cloud Cove	er	Type of P	recipitation
City 2							
City 3							
City 4							
Question 9: Day	ee stations you ha	ou correc	t on?		any were you co	rrect on?	
B. Which sp	iculties did you ha	ve wnen					
B. Which sp		ve when					
B. Which sp C. What diff		ve when					
B. Which sp C. What diff		ve when					
B. Which sp C. What diff A B		ve when					
B. Which sp C. What diff A B		ve when					
B. Which sp C. What diff A B		ve when					
B. Which sp C. What diff A B		ve when					

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City 1 City 2 City 3	°C	°F	Dir.	МРН		Precipitation	Pressure	Barometric Pressur	
City 2									
City 3									
City 4									
uestion 2: Day 1: P	redict the	weathe	er cond	litions	for Day 2. The	ese weather con	ditions should	d include temperat	
nount of cloud cove	r, and typ	e of pre			ıny.				
ity 1	Tempe	erature			Cloud Cov	ver	Type of 1	Type of Precipitation	
ity 2									
City 3									
City 4									
uestion 3: Day 2: V								T-100	
	Tempe °C	erature °F	Wind Dir.	MPH	Cloud Cover	Type of Precipitation	Barometric Pressure	Difference in Barometric Pressur	
ity 1									
ity 2									
ity 3									
City 4									
uestion 4: Day 2: H	Iow do the	o curror	t cond	litions (on Day 2 com	nara ta yaur nra	ndicted condit	ions?	
uestion 4. Day 2. II	iow do tile	<u> curren</u>	it com	11110115	ni Day 2 Com	pare to your pro	edicted condit	10115:	
uestion 5: Day 2: P			er conc	ditions	for Day 3. Cloud Cov		Tyme of D	rocinitation	
City 1	Temperature				Cloud Cov	er	Type of P	Type of Precipitation	
ity 2									
ity 3									
ity 4								_	
	What are t	ho gura	nt com	ditions	on Day 2 in	oach of the read	m's sitios?		
	Tempe	erature	Wind	l	on Day 3 in Cloud Cover	Type of	Barometric	Difference in	
city 4 uestion 6: Day 3: V								Difference in Barometric Pressur	

City 4						
Question 7: Day 3: H	ow do the currer	l it conditions	on Day 3 comp	are to your pre	l dicted condition	ons?
Question 8: Day 3: P		er conditions				
City 1	Temperature		Wind		Type of Pro	ecipitation
City 2						
City 3						
City 4						
Question 9: Day 4:						
	ee stations you ha ecific ones were y			many were yo	u correct on?	
	culties did you h			ıs?		
А						
В						
С						
CONCLUSION QUEST	TION: What obs	ervations di	d you find mo	st helpful in p	redicting the	weather conditions?
Why?						