Data Practice Worksheet for Hurricane Alert!—Teacher page
Team _____ Storm # _____ Hurricane _____

Advis.	Time	Lat. Degrees North	Long. Degrees West	Air Press. (mb)	Wind Speed knots/ mph	Cat.	Direction Speed	Breakpoint Cities	Distance to Cities (miles)	ETA to Breakpoint cities	Rec. Watch/ Warning
1	0300				60/ *69*		179 miles ÷6= *29.8mph*	San Juan	324	324÷*29.8*= *11 hrs.*	
								Port-au-Prince	526	526÷*29.8*= *18 hrs*	
								Kingston	578	578÷*29.8*= *19 hrs*	
2	0900				87/ *100*		145 miles ÷6= *24.2mph*	Miami	356	356÷*24.2*= *15 hrs*	
								Key West	365	365÷*24.2*= *15 hrs*	
								Havana	398	398÷*24.2*= *18 hrs*	
3	1500				143/ *164*		168 miles ÷6= *28mph*	New Orleans	434	434÷*28*= *15.5 hrs*	
								Corpus Cristi	602	602÷*28*= *21.5*	
								Brownsville	598	598÷*28*= *21 hrs*	
4	2100				131/ *151*		79 miles ÷6= *13.2mph*	Mobile	410	410÷*13.2*= *31 hrs*	
								Baton Rouge	343	343÷*13.2*= *26 hrs*	
								Galveston	414	414÷*13.2*= *31 hrs*	

Note: Although it is not math practice, you may want the students to practice categorizing the storm's wind speeds on the Saffir-Simpson Hurricane Wind Speed scale. Answers are included here for your convenience.