

ANALYZING & GRAPHING HURRICANE DATA

Instructions – Look at the data table and determine the category for each report made. Then make a graph of wind speed (mph) versus pressure (mb) on the graph below. Use pencil to make your graph and refer to the BMS Graphing Yes Test to be sure your graph is complete.

HURRICANE ANDREW DATA August 16-28, 1992

DATE	TIME	POSITION		PRESSURE (mb)	Wind Speed (mph)	Category
		LAT (°N)	LONG (°W)			
August 16th	12 AM	--	--	--	--	--
	6 AM	11	36	1010	29	
	12 PM	12	40	1008	35	
	6 PM	13	44	1003	40	
August 18th	12 AM	14	46	1002	46	
	6 AM	14	48	1001	52	
	12 PM	15	50	1000	52	
	6 PM	25	65	1004	58	
August 22nd	12 AM	25	66	1000	63	
	6 AM	26	67	994	69	
	12 PM	26	68	981	81	
	6 PM	26	70	969	92	
August 23rd	12 AM	26	71	961	104	
	6 AM	26	73	947	121	
	12 PM	25	74	933	138	
	6 PM	25	76	922	155	

