HURRICANE TRACKING ASSIGNMENT

MAP SCALE (1 cm = X miles)		GRID SCALE (1 side of grid square = X miles)	
CITY PREDICTED FOR LANDFALL	Brownsville, TX	CITY COORDINATES (X1,Y1)	(0, 0)
APPROX INITIAL LINEAR DISTANCE IN MILES (measured)		CITY COORDINATES (long,lat)	97° W , 26° N
HURRICANE TRAVELLING SPEED (mph)	10	TIME INTERVAL (HOURS)	10

TIME INTERVAL IN HOURS (MATLAB)	LINEAR DISTANCE IN MILES (MATLAB)	TIME TO LANDFALL IN HOURS (MATLAB)	LINEAR DISTANCE IN KILOMETERS (conversion)	LINEAR LENGTH (cm)	HURRICANE LOCATION (Degrees)		APPROXIMATE HURRICANE COORDINATES (Grid Units)		APROXIMATE HURRICANE COORDINATES (miles)		APROXIMATE HURRICANE COORDINATES (calculated in kilometers)		NEAREST COUNTRY, STATE, OR WATER BODY
					Longitude	Latitude	X2	Y2	X2	Y2	X2	Y2	
					77° W	18° N							