# of threads	time (s)	Speedup
0	10.1852	100%
1	10.7802	94%
2	20.4492	50%
3	29.9117	34%
4	35.0421	29%
6	34.7381	29%

of threads vs Time (s)
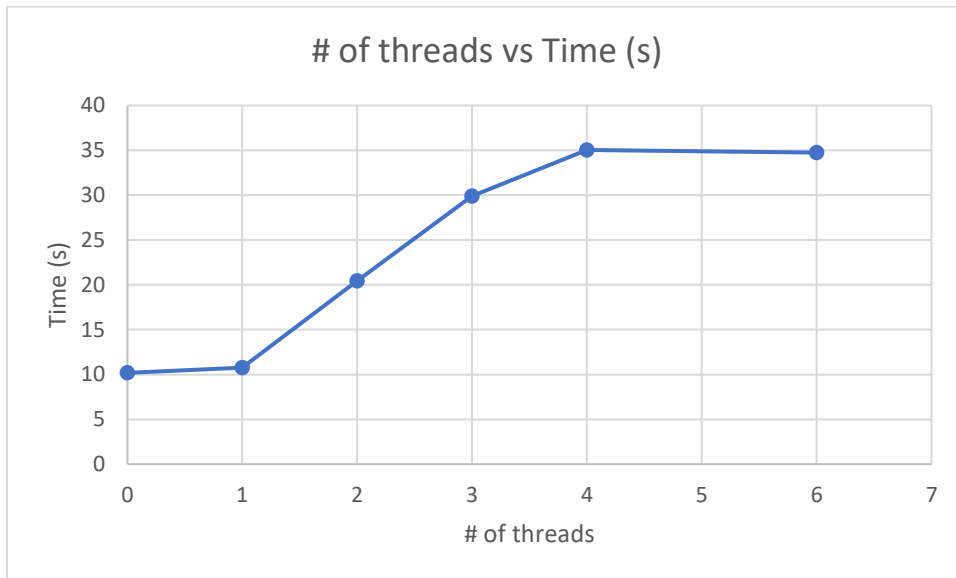
An increase in the number of threads was observed to slow down the program, to a point at which it would plateau, after 4 threads. I believe this is an issue of implementation of openMP on my part, and if not, a serial execution is preferrable.

Slowdown Observed vs. # of threads
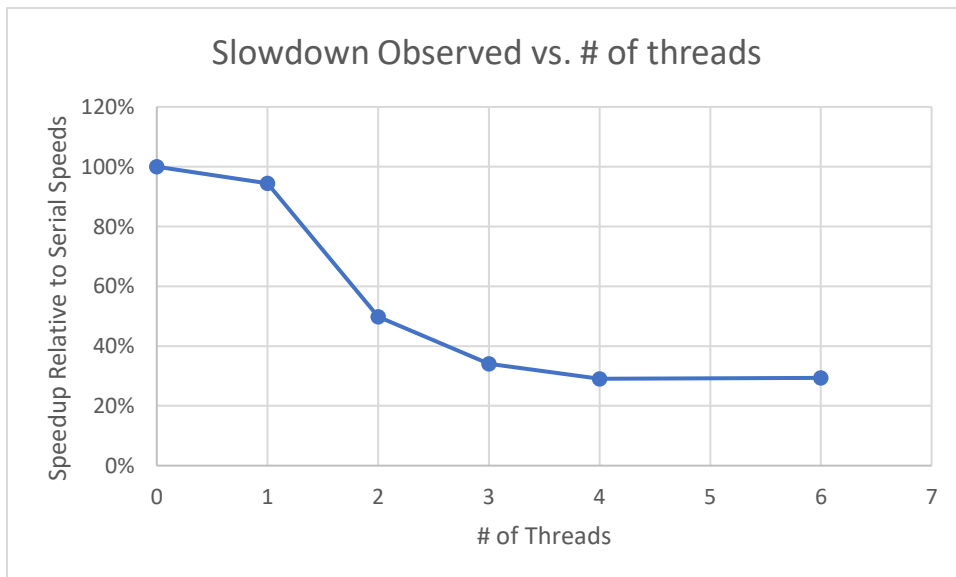
The increased usage of threads slowed down my program significantly, to a point where it would not get any slower, around 29% of the efficiency of serial runtime.