

Problem Size (heightxwidth, frames)	Serial Runtime(in seconds)	Parallel Runtime(in seconds)	Speedup
120x40 60	0.250968	0.001486	168.8882907
320x200 60	3.230801	0.004903	658.9437079
640x400 60	12.929896	0.016616	778.1593645
720x640 60	22.328506	0.024323	917.9996711
1024x768 60	38.794345	0.040255	963.7149422
1280x720 60	46.645888	0.049139	949.2640876
1920x1080 60	104.767224	0.105527	992.8001744
2048x1080 60	111.889489	0.112846	991.5237492
2560x1440 60	186.152754	0.164296	1133.032782
4096x2160 60	447.7963	0.345481	1296.153189
		Parallel Runtime (using floats, in seconds)	Speed up Compared to Doubles
120x40 60		0.001267	1.17284925
320x200 60		0.003365	1.457057949
640x400 60		0.009088	1.82834507
720x640 60		0.013973	1.740714235
1024x768 60		0.022322	1.803377834
1280x720 60		0.028479	1.72544682
1920x1080 60		0.078944	1.336732367
2048x1080 60		0.08053	1.401291444
2560x1440 60		0.11455	1.434273243
4096x2160 60		0.234341	1.474266134