

x	y	z	time in	p	p _i	temp	Alk(eq/kg)	Si	Ca	Mg	Na	Cl	C(4)	SO4	X(ft)	y(ft)	Sc at 25	Alk	Cl	
2260.4	2104.95	0	73	1	8.84E+00	1.12E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7414.112	6904.236	5.35E+02	1.17E+02	6.30E+00
2260.4	2104.95	0	146	1	8.84E+00	1.12E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7414.112	6904.236	5.35E+02	1.17E+02	6.30E+00
2260.4	2104.95	0	219	1	8.84E+00	1.12E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7414.112	6904.236	5.35E+02	1.17E+02	6.30E+00
2260.4	2104.95	0	292	1	8.84E+00	1.12E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7414.112	6904.236	5.35E+02	1.17E+02	6.30E+00
2260.4	2104.95	0	365	1	8.84E+00	1.14E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7414.112	6904.236	5.35E+02	1.17E+02	6.30E+00
2260.4	2104.95	0	438	1	7.27E+00	1.46E+01	1.14E+01	4.65E-03	5.77E+02	8.48E+00	1.64E+00	1.77E+02	7.60E+00	3.22E+02	1.56E+02	7414.112	6904.236	7.79E+02	2.33E+02	7.60E+00
2260.4	2104.95	0	511	1	6.98E+00	1.51E+01	1.14E+01	1.46E-02	1.33E+03	2.22E+01	6.56E+00	4.36E+02	1.32E+01	1.12E+03	2.67E+02	7414.112	6904.236	1.80E+03	7.33E+02	1.32E+01
2260.4	2104.95	0	584	1	6.92E+00	1.52E+01	1.14E+01	2.61E-02	2.16E+03	3.79E+01	1.22E+01	7.32E+02	1.97E+01	2.03E+03	3.94E+02	7414.112	6904.236	2.91E+03	1.30E+03	1.97E+01
2260.4	2104.95	0	657	1	6.90E+00	1.53E+01	1.14E+01	3.48E-02	2.77E+03	4.98E+01	1.65E+01	9.58E+02	2.46E+01	2.72E+03	4.90E+02	7414.112	6904.236	3.73E+03	1.74E+03	2.46E+01
2260.4	2104.95	0	730	1	6.89E+00	1.53E+01	1.14E+01	4.04E-02	3.15E+03	5.75E+01	1.92E+01	1.10E+03	2.77E+01	3.17E+03	5.52E+02	7414.112	6904.236	4.25E+03	2.02E+03	2.77E+01

x	y	z	time in	pH	pe	temp(C)	Alk(eq/kgw)	SC	Ca	Mg	Na	Cl	C(4)	SO4	X(ft)	y(ft)	Sc at 25	Alk(mg/L)	Cl	
300 feet																				
2199.44	2104.95	0	73	1	8.84E+00	1.18E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7214.163	6904.236	5.35E+02	1.17E+02	6.30E+00
2199.44	2104.95	0	146	1	8.84E+00	1.20E+01	1.14E+01	2.35E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7214.163	6904.236	5.36E+02	1.17E+02	6.30E+00
2199.44	2104.95	0	219	1	8.84E+00	1.22E+01	1.14E+01	2.35E-03	3.97E+02	5.32E+00	5.01E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7214.163	6904.236	5.36E+02	1.17E+02	6.30E+00
2199.44	2104.95	0	292	1	8.83E+00	1.24E+01	1.14E+01	2.35E-03	3.97E+02	5.32E+00	5.03E-01	1.17E+02	6.31E+00	1.39E+02	1.30E+02	7214.163	6904.236	5.36E+02	1.18E+02	6.31E+00
2199.44	2104.95	0	365	1	8.81E+00	1.25E+01	1.14E+01	2.36E-03	3.98E+02	5.34E+00	5.10E-01	1.18E+02	6.31E+00	1.40E+02	1.30E+02	7214.163	6904.236	5.38E+02	1.18E+02	6.31E+00
2199.44	2104.95	0	438	1	6.94E+00	1.52E+01	1.14E+01	2.15E-02	1.83E+03	3.16E+01	9.93E+00	6.14E+02	1.71E+01	1.66E+03	3.43E+02	7214.163	6904.236	2.47E+03	1.08E+03	1.71E+01
2199.44	2104.95	0	511	1	6.90E+00	1.53E+01	1.14E+01	3.74E-02	2.94E+03	5.34E+01	1.77E+01	1.02E+03	2.60E+01	2.93E+03	5.19E+02	7214.163	6904.236	3.97E+03	1.87E+03	2.60E+01
2199.44	2104.95	0	584	1	6.89E+00	1.53E+01	1.14E+01	4.39E-02	3.39E+03	6.23E+01	2.09E+01	1.19E+03	2.97E+01	3.44E+03	5.91E+02	7214.163	6904.236	4.57E+03	2.19E+03	2.97E+01
2199.44	2104.95	0	657	1	6.88E+00	1.53E+01	1.14E+01	4.64E-02	3.56E+03	6.58E+01	2.22E+01	1.26E+03	3.11E+01	3.65E+03	6.20E+02	7214.163	6904.236	4.81E+03	2.32E+03	3.11E+01
2199.44	2104.95	0	730	1	6.88E+00	1.53E+01	1.14E+01	4.75E-02	3.63E+03	6.72E+01	2.27E+01	1.29E+03	3.17E+01	3.73E+03	6.31E+02	7214.163	6904.236	4.90E+03	2.38E+03	3.17E+01

400 feet																				
2229.92	2104.95	0	73	1	8.84E+00	1.12E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7314.138	6904.236	5.35E+02	1.17E+02	6.30E+00
2229.92	2104.95	0	146	1	8.84E+00	1.15E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7314.138	6904.236	5.35E+02	1.17E+02	6.30E+00
2229.92	2104.95	0	219	1	8.84E+00	1.17E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7314.138	6904.236	5.35E+02	1.17E+02	6.30E+00
2229.92	2104.95	0	292	1	8.84E+00	1.18E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7314.138	6904.236	5.35E+02	1.17E+02	6.30E+00
2229.92	2104.95	0	365	1	8.84E+00	1.20E+01	1.14E+01	2.35E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7314.138	6904.236	5.36E+02	1.17E+02	6.30E+00
2229.92	2104.95	0	438	1	7.03E+00	1.50E+01	1.14E+01	1.01E-02	9.94E+02	1.59E+01	4.31E+00	3.18E+02	1.07E+01	7.54E+02	2.16E+02	7314.138	6904.236	1.34E+03	5.05E+02	1.07E+01
2229.92	2104.95	0	511	1	6.93E+00	1.52E+01	1.14E+01	2.58E-02	2.14E+03	3.75E+01	1.20E+01	7.25E+02	1.95E+01	2.00E+03	3.90E+02	7314.138	6904.236	2.89E+03	1.29E+03	1.95E+01
2229.92	2104.95	0	584	1	6.90E+00	1.53E+01	1.14E+01	3.66E-02	2.89E+03	5.23E+01	1.74E+01	1.00E+03	2.56E+01	2.87E+03	5.11E+02	7314.138	6904.236	3.90E+03	1.83E+03	2.56E+01
2229.92	2104.95	0	657	1	6.89E+00	1.53E+01	1.14E+01	4.24E-02	3.29E+03	6.03E+01	2.02E+01	1.16E+03	2.89E+01	3.33E+03	5.75E+02	7314.138	6904.236	4.44E+03	2.12E+03	2.89E+01
2229.92	2104.95	0	730	1	6.88E+00	1.53E+01	1.14E+01	4.53E-02	3.49E+03	6.43E+01	2.17E+01	1.23E+03	3.05E+01	3.56E+03	6.08E+02	7314.138	6904.236	4.71E+03	2.27E+03	3.05E+01

500 feet																				
2260.4	2104.95	0	73	1	8.84E+00	1.12E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7414.112	6904.236	5.35E+02	1.17E+02	6.30E+00
2260.4	2104.95	0	146	1	8.84E+00	1.12E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7414.112	6904.236	5.35E+02	1.17E+02	6.30E+00
2260.4	2104.95	0	219	1	8.84E+00	1.12E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7414.112	6904.236	5.35E+02	1.17E+02	6.30E+00
2260.4	2104.95	0	292	1	8.84E+00	1.12E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7414.112	6904.236	5.35E+02	1.17E+02	6.30E+00
2260.4	2104.95	0	365	1	8.84E+00	1.14E+01	1.14E+01	2.34E-03	3.97E+02	5.32E+00	5.00E-01	1.17E+02	6.30E+00	1.38E+02	1.30E+02	7414.112	6904.236	5.35E+02	1.17E+02	6.30E+00
2260.4	2104.95	0	438	1	7.27E+00	1.46E+01	1.14E+01	4.65E-03	5.77E+02	8.48E+00	1.64E+00	1.77E+02	7.60E+00	3.22E+02	1.56E+02	7414.112	6904.236	7.79E+02	2.33E+02	7.60E+00
2260.4	2104.95	0	511	1	6.98E+00	1.51E+01	1.14E+01	1.46E-02	1.33E+03	2.22E+01	6.56E+00	4.36E+02	1.32E+01	1.12E+03	2.67E+02	7414.112	6904.236	1.80E+03	7.33E+02	1.32E+01
2260.4	2104.95	0	584	1	6.92E+00	1.52E+01	1.14E+01	2.61E-02	2.16E+03	3.79E+01	1.22E+01	7.32E+02	1.97E+01	2.03E+03	3.94E+02	7414.112	6904.236	2.91E+03	1.30E+03	1.97E+01
2260.4	2104.95	0	657	1	6.90E+00	1.53E+01	1.14E+01	3.48E-02	2.77E+03	4.98E+01	1.65E+01	9.58E+02	2.46E+01	2.72E+03	4.90E+02	7414.112	6904.236	3.73E+03	1.74E+03	2.46E+01
2260.4	2104.95	0	730	1	6.89E+00	1.53E+01	1.14E+01	4.04E-02	3.15E+03	5.75E+01	1.92E+01	1.10E+03	2.77E+01	3.17E+03	5.52E+02	7414.112	6904.236	4.25E+03	2.02E+03	2.77E+01