Results from total acid digestion of aerosol samples from CVAO

Results are reported in atmospheric concentrations

Sample period	Start Time	End Time	Sample Air Volume (m^3)	Filter Position	Digestion Sample Label	Na (ng/m^3)	Mg (ng/m^3)	Al (ng/m^3)	K (ng/m^3)	Ca (ng/m^3)	Sc (ng/m^3)	Ti (ng/m^3)	V (ng/m^3)
1	02/07/07 18:32	04/07/07 12:22											
2	04/07/07 17:52	06/07/07 04:42	42.88415595	#2	T20	1.038E+04	1.459E+03	9.036E+02		9.762E+02	1.622E-01	5.810E+01	2.410E+00
3	06/07/07 17:22	09/07/07 15:02	71.70079082	#1	T21	4.055E+03	6.052E+02	5.973E+02		4.802E+02	1.108E-01	3.568E+01	1.575E+00
4	09/07/07 16:23	10/07/07 14:26	29.69362632	#2	T22	8.276E+03	1.587E+03	2.564E+03		2.072E+03	4.583E-01	1.383E+02	6.070E+00
5	10/07/07 15:02	11/07/07 14:53	35.03863246	#2	T23	6.316E+03	2.075E+03	5.755E+03		4.144E+03	1.042E+00	3.198E+02	1.091E+01
6	11/07/07 16:27	13/07/07 15:11	44.83611104	#1	T24	4.365E+03	1.103E+03	2.995E+03		1.596E+03	5.186E-01	1.859E+02	5.393E+00
7	13/07/07 15:26	16/07/07 12:33	31.39085383	#1	T26	6.400E+03	1.181E+03	2.411E+03		1.119E+03	4.294E-01	1.392E+02	7.022E+00
8	16/07/07 13:05	18/07/07 13:44	35.46631794	#2	T27	6.728E+03	1.185E+03	2.089E+03		1.258E+03	3.780E-01	1.296E+02	3.806E+00
9	18/07/07 14:23	20/07/07 11:53	51.68783356	#1	T29	3.928E+03	1.065E+03	3.325E+03		1.441E+03	5.923E-01	2.057E+02	5.844E+00
10	20/07/07 12:35	23/07/07 11:50	101.5985396	#1	T33	4.313E+03	2.097E+03	8.118E+03	2.206E+03	4.942E+03	1.587E+00	4.574E+02	1.300E+01
11	23/07/07 12:02	25/07/07 12:56	80.28477641	#1	T6	1.516E+03	5.169E+02	1.609E+03		1.463E+03	2.658E-01	8.009E+01	2.312E+00
12	25/07/07 14:35	27/07/07 12:32	65.05275571	#1	T34	2.607E+03	4.337E+02	7.076E+02	2.464E+02	4.123E+02	1.298E-01	4.352E+01	1.655E+00
13	27/07/07 13:04	30/07/07 10:57	74.45293509	#1	T35	6.120E+02	1.118E+02	1.678E+02	5.320E+01	1.006E+02	4.017E-02	7.327E+00	1.929E-01
14	30/07/07 11:36	01/08/07 12:01	53.58604105	#1	T35.5	3.423E+03	6.602E+02	1.479E+03	4.636E+02	8.458E+02	2.855E-01	8.301E+01	3.439E+00
15	01/08/07 12:34	03/08/07 12:05	59.62942139	#1	T36	3.090E+03	9.518E+02	3.113E+03	8.181E+02	1.823E+03	5.793E-01	1.788E+02	6.947E+00
16	03/08/07 12:35	06/08/07 12:42	76.98561769	#1	T37	3.021E+03	6.396E+02	1.492E+03	4.216E+02	8.712E+02	2.687E-01	8.471E+01	4.122E+00
17	06/08/07 13:26	08/08/07 13:32	54.20568044	#1	T38	2.789E+03	3.695E+02	1.125E+02	1.187E+02	1.920E+02	2.398E-02	5.841E+00	4.708E-01
18	08/08/07 14:14	10/08/07 10:14	62.43392769	#1	T39	3.422E+03	4.205E+02	1.248E+01	1.350E+02	1.431E+02	3.721E-03	7.545E-02	3.799E-01
19	10/08/07 10:58	13/08/07 11:26	96.53989509	#2	T41	3.386E+03	7.727E+02	2.078E+03	5.598E+02	1.311E+03	3.926E-01	1.160E+02	3.668E+00
20	13/08/07 12:00	16/08/07 11:00	53.07467889	#1	T42	2.040E+03	3.961E+02	7.656E+02	2.374E+02	4.944E+02	1.385E-01	4.173E+01	1.961E+00
21	16/08/07 11:38	17/08/07 12:07	27.5375788	#1	T46	7.223E+03	1.466E+03	2.353E+03		2.219E+03	3.861E-01	1.248E+02	5.287E+00
22	17/08/07 13:00	20/08/07 10:14	62.15190368	#1	T47	3.335E+03	5.789E+02	7.270E+02		7.186E+02	1.412E-01	4.035E+01	2.109E+00
23	20/08/07 10:47	22/08/07 10:52	65.66987518	#1	T48	3.089E+03	4.032E+02	5.801E+01		1.677E+02	1.516E-02	2.431E+00	6.145E-01
24	22/08/07 11:34	24/08/07 11:49	60.76780938	#1	T49	2.717E+03	3.584E+02	1.259E+02		2.168E+02	1.911E-02	6.203E+00	7.757E-01
25	24/08/07 12:19	27/08/07 10:54	62.39543211	#1	T50	3.376E+03	5.308E+02	4.509E+02		3.500E+02	6.613E-02	2.671E+01	1.655E+00
26	27/08/07 11:25	29/08/07 10:13	37.83874175	#1	T51	5.795E+03	7.758E+02	3.328E+02		5.786E+02	8.221E-02	1.737E+01	2.173E+00
27	29/08/07 10:41	31/08/07 11:03	37.73283214	#1	T52	5.154E+03	7.199E+02	4.964E+02		5.109E+02	9.572E-02	2.673E+01	3.516E+00
28	31/08/07 11:47	03/09/07 11:02	81.64798909	#1	T53	2.947E+03	7.362E+02	1.925E+03		1.103E+03	3.560E-01	1.091E+02	4.256E+00
29	03/09/07 11:56	05/09/07 11:13	56.49275933	#1	T60	4.362E+03	1.053E+03	2.568E+03		1.426E+03	4.562E-01	1.373E+02	5.519E+00
30	05/09/07 11:57	07/09/07 10:33	48.74021317	#1	T61	4.436E+03	7.718E+02	1.282E+03		6.512E+02	2.166E-01	7.232E+01	3.354E+00
31	07/09/07 11:34	10/09/07 10:12	63.25826761	#1	T62	3.901E+03	5.661E+02	2.174E+02		3.660E+02	4.259E-02	1.161E+01	1.466E+00
32	10/09/07 10:52	12/09/07 10:10	37.64434874	#1	T63	4.834E+03	8.388E+02	1.159E+03		9.920E+02	1.787E-01	6.326E+01	4.121E+00
33	12/09/07 11:05	14/09/07 12:39	44.05641884	#1	T64	5.387E+03	8.245E+02	8.020E+02		6.012E+02	1.512E-01	4.033E+01	3.195E+00
34	14/09/07 13:09	17/09/07 12:24	76.30261936	#2	T249	3.334E+03	7.134E+02	1.575E+03	4.660E+02	8.333E+02	2.859E-01	8.106E+01	4.431E+00
35	17/09/07 12:59	19/09/07 10:46	39.40889794	#1	T66	5.555E+03	9.642E+02	1.551E+03		7.984E+02	3.050E-01	8.602E+01	4.372E+00
36	19/09/07 11:17	21/09/07 10:22	51.59890172	#1	T67	3.762E+03	8.882E+02	2.334E+03		1.108E+03	3.776E-01	1.298E+02	5.234E+00
37	21/09/07 10:43	24/09/07 12:41	66.38350062	#1	T68	3.199E+03	8.951E+02	2.191E+03		1.600E+03	3.927E-01	1.207E+02	5.474E+00
38	24/09/07 13:12	26/09/07 12:30	38.66894736	#1	T69	5.774E+03	1.069E+03	1.742E+03		1.191E+03	3.199E-01	9.780E+01	4.958E+00
39	26/09/07 13:02	28/09/07 10:07	42.67039965	#1	T73	5.253E+03	7.105E+02	3.096E+02		4.677E+02	6.982E-02	1.520E+01	9.278E-01
40	28/09/07 10:32	01/10/07 10:26	68.75826125	#1	T78	3.119E+03	5.284E+02	6.862E+02		4.631E+02	1.241E-01	3.946E+01	1.959E+00
41	01/10/07 11:01	03/10/07 10:20	47.8066467	#1	T77	4.588E+03	6.990E+02	7.617E+02		5.489E+02	1.213E-01	4.337E+01	2.376E+00
42	03/10/07 10:58	05/10/07 11:14	55.44180954	#1	T76	3.549E+03	4.611E+02	5.191E+01		1.790E+02	9.482E-03	1.684E+00	3.408E-01
43	05/10/07 11:49	08/10/07 12:00	78.17320497	#1	T74	2.653E+03	4.859E+02	8.894E+02		5.139E+02	1.708E-01	4.800E+01	2.375E+00
44	08/10/07 12:30	10/10/07 12:10	47.40245727	#1	T75	4.049E+03	6.357E+02	6.550E+02		5.658E+02	9.034E-02	3.538E+01	1.897E+00
45	10/10/07 12:38	12/10/07 11:42	45.85627654	#1	T193	3.848E+03	6.794E+02	8.521E+02	2.839E+02	5.604E+02	1.519E-01	5.206E+01	3.057E+00
46	12/10/07 14:24	15/10/07 11:10	80.48090864	#1	T192	2.019E+03	3.884E+02	6.569E+02	1.999E+02	3.548E+02	1.248E-01	3.906E+01	1.810E+00
47	15/10/07 12:29	17/10/07 12:11	40.43327899	#1	T82	4.165E+03	7.294E+02	1.124E+03		6.993E+02	2.229E-01	6.161E+01	4.078E+00
48	17/10/07 14:26	19/10/07 11:48	38.39648557	#1	T189	4.606E+03	8.835E+02	1.470E+03	4.627E+02	8.143E+02	2.655E-01	8.635E+01	5.580E+00
49	19/10/07 12:16	22/10/07 11:10	58.35453333	#1	T83	3.291E+03	4.694E+02	3.445E+02		3.067E+02	6.605E-02	1.867E+01	2.479E+00
50	22/10/07 11:39	24/10/07 12:55	45.26330725	#1	T84	3.671E+03	6.620E+02	9.072E+02		8.469E+02	1.885E-01	5.174E+01	4.329E+00
51	24/10/07 13:37	26/10/07 11:59	43.55096271	#1	T85	4.196E+03	7.971E+02	1.308E+03		1.030E+03	2.749E-01	6.917E+01	4.413E+00
52	26/10/07 12:13	29/10/07 12:39	77.49836661	#1	T86	2.989E+03	4.630E+02	3.790E+02		4.021E+02	6.680E-02	2.107E+01	1.844E+00
53	29/10/07 12:51	31/10/07 12:31	36.98678823	#1	T87	5.543E+03	7.330E+02	1.889E+02		3.969E+02	4.581E-02	9.432E+00	2.522E+00
54	31/10/07 12:40	02/11/07 12:00	46.68493459	#1	T191	3.673E+03	5.267E+02	1.642E+02	1.846E+02	3.195E+02	2.887E-02	1.113E+01	2.421E+00
55	02/11/07 12:15	05/11/07 12:52	50.31089665	#1	T88	4.362E+03	6.234E+02	3.975E+02		4.643E+02	8.222E-02	2.238E+01	2.028E+00
56	05/11/07 13:00	07/11/07 12:17	45.34390384	#1	T89	4.011E+03	6.451E+02	9.867E+02		6.548E+02	1.982E-01	6.600E+01	3.780E+00
57	07/11/07 13:15	09/11/07 10:38	67.07694804	#2	T252	3.752E+03	3.013E+03	1.532E+04	3.285E+03	5.375E+03	2.769E+00	9.155E+02	2.257E+01
58	09/11/07 10:46	12/11/07 12:26	107.3819584	#1	T5	2.507E+03	1.696E+03	8.223E+03		2.943E+03	1.393E+00	4.860E+02	1.201E+01
59	12/11/07 12:36	14/11/07 13:28	63.24585142	#1	T209	2.289E+03	1.286E+03	5.443E+03	1.194E+03	2.466E+03	1.065E+00	3.181E+02	1.001E+01
60	14/11/07 13:39	19/11/07 13:32	166.5790809	#1	T170	1.074E+03	5.058E+02	1.862E+03	4.138E+02	8.329E+02	4.031E-01	1.305E+02	5.180E+00
61	19/11/07 13:41	21/11/07 10:56	55.59083205	#1	T94	2.134E+03	4.626E+02	1.367E+03	3.725E+02	5.282E+02	2.451E-01	7.842E+01	2.883E+00
62	21/11/07 11:08	23/11/07 10:40	59.37994836	#1	T95	4.313E+03	5.227E+02	1.503E+02	1.908E+02	2.156E+02	2.590E-02	8.287E+00	6.061E-01
63	23/11/07 10:51	26/11/07 12:14	86.00285783	#1	T96	4.399E+03	6.583E+02	4.797E+02	2.586E+02	5.112E+02	9.842E-02	2.529E+01	3.445E+00
64	26/11/07 12:27	28/11/07 11:05	56.08022348	#1	T259	4.045E+03	5.611E+02	2.360E+02	2.003E+02	3.171E+02	5.078E-02	1.144E+01	1.160E+00
65	28/11/07 11:20	03/12/07 12:46	113.0874614	#1	T97	1.911E+03	2.914E+02	2.149E+02	1.028E+02	2.517E+02	4.281E-02	1.123E+01	1.040E+00
66	03/12/07 13:00	05/12/07 11:54	60.28196647	#1	T269	5.099E+03	2.788E+03	8.606E+03	2.063E+03	5.455E+03	1.596E+00	4.284E+02	1.201E+01
67	05/12/07 12:04	07/12/07 11:42	71.5437049	#1	T98	2.035E+03	4.571E+02	9.708E+02	2.831E+02	5.692E+02	1.992E-01	5.165E+01	2.438E+00
68	07/12/07 11:52	11/12/07 13:29	134.3354182	#1	T54	2.696E+03	1.161E+03	4.091E+03		2.211E+03	7.606E-01	2.003E+02	6.454E+00
69	11/12/07 13:40	13/12/07 12:52	55.09348905	#1	T55	2.417E+03	8.268E+02	3.040E+03		1.349E+03	5.256E-01	1.572E+02	5.333E+00
70	13/12/07 13:03	14/12/07 13:29	24.95330636	#1	T56	6.591E+03	1.156E+03	3.638E+03		1.489E+03	6.775E-01	1.981E+02	6.528E+00
71	14/12/07 13:39	17/12/07 12:13	88.74266679	#1	T99	1.107E+03	4.989E+02	1.870E+03	3.892E+02	1.078E+03	3.268E-01	1.071E+02	3.249E+00
72	17/12/07 12:30	19/12/07 12:08	62.5209486	#1	T100	1.996E+03	4.348E+02	1.102E+03	3.081E+02	6.477E+02	2.096E-01	6.509E+01	2.695E+00
73	19/12/07 12:20	21/12/07 13:32	60.63936301	#1	T101	2.257E+03	2.857E+02	1.168E+02	9.976E+01	1.333E+02	2.444E-02	6.372E+00	2.694E-01
74	21/12/07 13:42	24/12/07 12:11	70.26799037	#1	T207	3.531E+03	4.593E+02	1.236E+01	1.066E+02	1.953E+02		6.641E+00	4.709E-01
75	24/12/07 12:19	26/12/07 14:44	57.07014986	#1	T102	2.825E+03	6.327E+02	1.417E+03	3.943E+02	9.721E+02	2.509E-01	7.863E+01	2.776E+00
76	26/12/07 14:53	28/12/07 17:29	61.64067867	#1	T103	4.274E+03	1.623E+03	6.731E+03	1.581E+03	2.978E+03	1.249E+00	3.531E+02	9.913E+00
77	28/12/07 17:38	31/12/07 12:55	90.74273671	#1	T104	3.816E+03	2.818E+03	1.261E+04	3.014E+03	5.926E+03	2.468E+00	6.049E+02	1.821E+01
78	31/12/07 13:03	03/01/08 14:04	104.0695075	#1	T179	5.053E+03	3.796E+03	1.905E+04	3.929E+03	7.602E+03	3.606E+00	1.016E+03	2.846E+01
79	03/01/08 14:16	04/01/08 12:34	18.72345711	#1	T109	6.372E+03	1.972E+03	7.292E+03	1.874E+03	3.415E+03	1.411E+00	3.745E+02	1.138E+01
80	04/01/08 12:46	07/01/08 12:30	83.61524307	#1	T176	3.614E+03	1.468E+03	4.323E+03	1.082E+03	3.012E+03	9.098E-01	2.380E+02	8.490E+00
81	07/01/08 12:39	09/01/08 12:16	63.64441821	#1	T110	4.378E+03	3.458E+03	1.398E+04	3.402E+03	7.982E+03	2.716E+00	6.780E+02	2.053E+01
82	09/01/08 12:26	11/01/08 12:40	61.29431242	#1	T111	2.448E+03	1.138E+03	4.841E+03	1.049E+03	2.585E+03	8.863E-01	2.513E+02	7.701E+00
83	11/01/08 12:48	14/01/08 13:47	81.66563833	#1	T175	1.332E+03	6.014E+02	2.153E+03	4.362E+02	1.267E+03	3.966E-01	1.233E+02	5.122E+00
84	14/01/08 13:55	16/01/08 10:37	35.81203304	#1	T112	6.268E+03	9.069E+02	8.195E+02	4.102E+02	8.124E+02	1.595E-01	4.681E+01	2.631E+00
85	16/01/08 10:45	18/01/08 11:06	41.85736938	#1	T113	3.262E+03	1.245E+03	4.923E+03	1.160E+03	2.258E+03	9.666E-01	2.595E+02	7.558E+00
86	18/01/08 11:22	23/01/08 13:01	140.0553442	#1	T114	4.086E+03	3.363E+03	1.694E+04	3.560E+03	7.117E+03	3.062E+00	8.732E+02	2.281E+01
87	23/01/08 13:08	25/01/08 12:49	60.1104588	#1	T115	1.955E+03	1.564E+03	9.597E+03	1.790E+03	2.796E+03	1.749E+00	5.188E+02	1.259E+01
88	25/01/08 12:55	28/01/08 11:34	91.10463274	#1	T116	5.590E+03	3.674E+03	2.118E+04	3.766E+03	6.302E+03	3.742E+00	1.117E+03	2.700E+01
89	28/01/08 11:43	30/01/08 11:50	58.7803592	#1	T117	6.490E+03	9.575E+03	6.688E+04	1.068E+04	1.530E+04	1.157E+01	3.783E+03	8.073E+01
90	30/01/08 11:58	01/02/08 12:45	66.88594993	#1	T178	5.385E+03	4.895E+03	3.725E+04	5.267E+03	7.287E+03	6.391E+00	2.336E+03	4.945E+01
91	01/02/08 13:14	04/02/08 11:27	111.5978693	#1	T177	4.952E+03	2.205E+03	1.145E+04	1.659E+03	3.139E+03	2.079E+00	6.525E+02	1.736E+01
92	04/02/08 12:19	08/02/08 11:13	84.43130042	#1	T174	1.987E+03	4.455E+02	2.880E+02	1.433E+02	3.226E+02	4.902E-02	1.497E+01	1.621E+00
93	08/02/08 12:00	11/02/08 12:20	96.46416762	#1	T118	2.455E+03	3.568E+02	7.508E+01	1.203E+02	1.440E+02	1.636E-02	4.904E+00	2.340E-01
94	11/02/08 12:43	13/02/08 15:24	67.90621488	#1	T119	2.182E+03	5.743E+02	1.544E+03	4.476E+02	1.015E+03	3.016E-01	8.281E+01	2.667E+00
95	13/02/08 15:56	15/02/08 14:00	52.28602424	#1	T123	2.227E+03	2.708E+02	3.646E+01	8.863E+01	1.007E+02	7.098E-03	5.407E-01	1.210E-01
96	15/02/08 14:17	18/02/08 13:33	71.15275135	#1	T124	3.085E+03	3.663E+02	2.463E+01	1.128E+02	1.250E+02	4.980E-03	6.621E-01	2.465E-01
97	18/02/08 13:56	20/02/08 12:53	52.43939116	#1	T171	4.481E+03	7.223E+02	1.041E+03	3.258E+02	4.823E+02	1.876E-01	7.435E+01	1.880E+00
98	20/02/08 13:09	22/02/08 13:33	53.39086123	#1	T90	4.964E+03	1.825E+03	8.088E+03		2.739E+03	1.456E+00	4.849E+02	1.208E+01
99	22/02/08 13:55	26/02/08 13:21	143.7513233	#1	T125	1.006E+03	7.026E+02	4.418E+03	7.519E+02	1.266E+03	7.910E-01	2.597E+02	6.461E+00
100	26/02/08 15:09	29/02/08 13:43	62.918561	#1	T208	2.739E+03	5.533E+02	7.593E+02	2.245E+02	7.476E+02	1.406E-01	9.139E+01	2.572E+00
101	29/02/08 14:03	04/03/08 12:37	116.1012352	#1	T126	3.100E+03	2.814E+03	1.176E+04	2.923E+03	7.607E+03	2.215E+00	6.433E+02	2.004E+01
102	04/03/08 12:49	06/03/08 11:45	61.39138163	#1	T127	1.855E+03	7.225E+02	2.446E+03	5.348E+02	1.449E+03	4.469E-01	1.393E+02	4.242E+00
103	06/03/08 11:55	07/03/08 13:00	33.77259161	#1	T128	1.360E+03	3.772E+02	1.006E+03	2.546E+02	5.987E+02	1.866E-01	5.917E+01	2.590E+00
104	07/03/08 13:10	10/03/08 11:46	73.02516627	#1	T129	2.035E+03	4.590E+02	9.403E+02	2.463E+02	5.660E+02	1.662E-01	5.597E+01	4.088E+00
105	10/03/08 12:02	12/03/08 09:32	55.5576604	#1	T130	3.093E+03	7.221E+02	9.325E+02	3.146E+02	1.125E+03	1.882E-01	5.276E+01	3.124E+00
106	12/03/08 09:42	14/03/08 13:26	58.0181598	#1	T131	3.171E+03	1.134E+03	3.016E+03	7.800E+02	2.346E+03	6.081E-01	1.704E+02	6.322E+00
107	14/03/08 13:37	17/03/08 11:57	85.02972665	#1	T132	2.187E+03	1.254E+03	3.924E+03	9.642E+02	2.364E+03	8.209E-01	2.322E+02	8.553E+00
108	17/03/08 12:05	19/03/08 13:54	23.08518287	#1	T133	5.298E+03	1.284E+03	2.993E+03	8.468E+02	1.659E+03	5.951E-01	1.754E+02	7.099E+00
109	19/03/08 14:02	20/03/08 12:31	22.87065793	#1	T134	5.892E+03	1.115E+03	1.741E+03	5.955E+02	9.894E+02	3.362E-01	9.962E+01	5.468E+00
110	20/03/08 12:39	24/03/08 12:06	81.61246561	#1	T138	3.308E+03	4.812E+02	4.399E+02	2.027E+02	3.180E+02	8.758E-02	2.631E+01	1.554E+00
111	24/03/08 12:15	26/03/08 15:17	73.19274279	#1	T168	1.144E+03	1.541E+02	7.846E+00	4.114E+01	5.557E+01		1.203E-01	1.942E-01
112	26/03/08 15:24	28/03/08 13:18	49.66497059	#1	T173	3.548E+03	5.765E+02	1.218E+02	1.743E+02	3.108E+02	1.772E-02	6.539E+00	1.655E+00
113	28/03/08 14:15	01/04/08 12:21	49.10034274	#1	T139	6.813E+03	1.027E+03	9.385E+02	4.301E+02	8.590E+02	1.913E-01	5.330E+01	3.279E+00
114	01/04/08 12:30	07/04/08 13:55	104.7601057	#1	T140	3.568E+03	5.594E+02	5.347E+02	2.235E+02	5.516E+02	1.130E-01	3.472E+01	1.510E+00
115	07/04/08 15:25	09/04/08 11:56	30.57808557	#1	T141	1.121E+04	1.396E+03	5.177E+02	4.530E+02	5.951E+02	1.001E-01	4.211E+01	1.213E+00
116	09/04/08 12:07	11/04/08 13:48	53.50119733	#1	T142	2.346E+03	3.216E+02	5.845E+01	1.075E+02	1.365E+02	1.233E-02	3.534E+00	3.928E-01
117	11/04/08 13:55	14/04/08 13:20	51.56103868	#1	T143	3.164E+03	4.795E+02	2.738E+02	1.675E+02	4.799E+02	5.562E-02	1.487E+01	8.032E-01
118	16/04/08 12:46	18/04/08 11:45	30.60274698	#1	T144	3.812E+03	6.808E+02	7.132E+02	3.097E+02	7.675E+02	1.495E-01	3.984E+01	2.066E+00
119	18/04/08 11:59	21/04/08 13:43	57.53125757	#1	T145	2.645E+03	3.757E+02	6.603E+01	1.219E+02	1.681E+02	1.493E-02	3.677E+00	4.695E-01
120	21/04/08 13:52	24/04/08 11:22	31.20334579	#1	T146	5.404E+03	8.787E+02	3.085E+02	3.089E+02	6.351E+02	5.900E-02	1.605E+01	1.782E+00
121	24/04/08 11:32	25/04/08 11:02	17.08375835	#1	T147	5.761E+03	9.232E+02	5.787E+02	3.753E+02	9.475E+02	9.475E-02	3.150E+01	2.476E+00
122	25/04/08 11:12	28/04/08 10:10	23.60065745	#1	T148	7.574E+03	1.538E+03	2.089E+03	8.067E+02	2.367E+03	4.620E-01	1.238E+02	6.353E+00
123	28/04/08 10:22	02/05/08 11:50	61.01252221	#2	T169	1.381E+03	1.060E+03	3.361E+03	7.981E+02	3.227E+03	6.549E-01	1.959E+02	8.225E+00
124	02/05/08 12:02	05/05/08 11:24	39.57471946	#1	T172	3.096E+03	1.099E+03	2.826E+03	7.486E+02	2.515E+03	5.432E-01	1.578E+02	7.834E+00
125	05/05/08 11:33	07/05/08 14:11	30.00529793	#1	T149	5.036E+03	7.009E+02	2.675E+02	2.480E+02	3.265E+02	5.052E-02	1.443E+01	1.182E+00
126	07/05/08 14:21	09/05/08 13:46	29.85604708	#1	T153	3.419E+03	5.376E+02	4.652E+02	2.374E+02	3.329E+02	9.490E-02	2.395E+01	1.184E+00
127	09/05/08 14:00	12/05/08 12:06	88.756504	#1	T154	1.798E+03	3.124E+02	1.120E+02	9.282E+01	2.291E+02	1.843E-02	6.296E+00	8.523E-01
128	12/05/08 12:27	13/05/08 12:00	28.33870734	#1	T155	5.373E+03	8.268E+02	4.071E+02	2.871E+02	8.567E+02	7.967E-02	2.113E+01	2.706E+00
129	13/05/08 12:09	14/05/08 12:42	31.28477812	#1	T156	4.917E+03	7.270E+02	3.326E+02	2.631E+02	6.268E+02	5.847E-02	1.685E+01	2.000E+00
130	14/05/08 12:55	15/05/08 11:21	27.22507082	#1	T157	4.647E+03	6.514E+02	1.365E+02	2.140E+02	3.070E+02	3.358E-02	5.823E+00	1.748E+00
131	15/05/08 11:36	16/05/08 11:20	33.7156358	#1	T158	2.645E+03	3.705E+02	8.720E+01	1.305E+02	1.801E+02	1.730E-02	3.809E+00	7.220E-01
132	16/05/08 11:32	19/05/08 12:18	87.90775492	#1	T261	1.931E+03	2.935E+02	2.387E+02	1.503E+02	2.267E+02	4.862E-02	1.291E+01	8.980E-01
133	19/05/08 12:32	21/05/08 12:17	54.81835458	#1	T159	3.214E+03	5.237E+02	2.690E+02	1.864E+02	5.967E+02	5.625E-02	1.482E+01	1.965E+00
134	21/05/08 12:30	23/05/08 13:02	48.7967223	#1	T160	3.851E+03	6.831E+02	4.563E+02	2.544E+02	9.095E+02	9.069E-02	2.589E+01	2.698E+00
135	23/05/08 13:14	26/05/08 11:00	85.92668393	#1	T161	2.007E+03	3.246E+02	1.027E+02	9.898E+01	1.887E+02	2.161E-02	5.888E+00	1.078E+00
136	26/05/08 11:13	28/05/08 12:06	58.48790024	#1	T162	2.690E+03	4.141E+02	5.111E+01	1.186E+02	1.999E+02	1.320E-02	1.806E+00	7.772E-01
137	28/05/08 12:20	30/05/08 12:07	42.66405902	#1	T163	3.729E+03	5.856E+02	1.230E+02	1.675E+02	3.395E+02	2.799E-02	6.245E+00	1.821E+00
138	30/05/08 12:20	02/06/08 10:51	55.16357813	#1	T164	3.538E+03	5.083E+02	8.371E+01	1.493E+02	2.798E+02	1.541E-02	3.789E+00	1.543E+00
139	02/06/08 11:09	09/06/08 12:21	50.28240274	#1	T188	5.000E+03	6.111E+02	4.285E+01	1.697E+02	2.409E+02	8.120E-03	2.536E+00	1.671E+00
140	04/06/08 12:39	06/06/08 10:44	44.95304389	#1	T190	3.939E+03	6.232E+02	4.063E+01	1.566E+02	2.624E+02	8.246E-03	1.952E+00	1.535E+00
141	06/06/08 11:09	09/06/08 10:39	60.93510214	#1	T206	4.624E+03	5.819E+02	1.551E+02	1.697E+02	3.402E+02	2.983E-02	3.222E+01	1.580E+00
142	09/06/08 11:12	11/06/08 12:54	61.01121868	#1	T205	2.797E+03	4.224E+02	1.749E+02	1.306E+02	1.719E+02	3.476E-02	1.738E+01	7.741E-01
143	11/06/08 13:08	13/06/08 12:47	42.48198861	#1	T204	3.967E+03	5.376E+02	7.353E+01	1.513E+02	2.242E+02	1.146E-02	1.381E+01	1.663E+00
144	13/06/08 13:03	17/06/08 12:05	68.99907605	#1	T203	2.495E+03	4.314E+02	2.013E+02	1.183E+02	3.814E+02	3.495E-02	1.815E+01	2.125E+00
145	17/06/08 12:17	20/06/08 13:29	69.18763659	#1	T202	2.254E+03	3.253E+02	5.824E+01	7.692E+01	1.805E+02	8.086E-03	6.951E+00	9.835E-01
146	20/06/08 13:47	24/06/08 10:20	79.63540586	#1	T201	1.954E+03	3.165E+02	2.803E+01	6.547E+01	1.527E+02	3.099E-03	6.833E+00	8.158E-01
147	24/06/08 11:57	25/06/08 12:40	15.0184894	#1	T200	5.178E+03	6.983E+02	1.488E+02	1.981E+02	3.533E+02	2.416E-02	2.541E+01	1.578E+00
148	25/06/08 12:54	27/06/08 13:03	32.49613013	#1	T199	3.865E+03	5.336E+02	3.636E+01	1.367E+02	1.876E+02		1.091E+01	7.242E-01
149	27/06/08 13:20	30/06/08 11:24	43.5079278	#1	T198	3.775E+03	5.823E+02	2.747E+02	1.781E+02	4.637E+02	5.346E-02	2.483E+01	1.628E+00
150	30/06/08 11:37	02/07/08 14:06	23.13946738	#1	T183	5.665E+03	1.410E+03	3.453E+03	8.535E+02	2.480E+03	6.375E-01	2.153E+02	9.325E+00
151	02/07/08 14:19	04/07/08 11:35	12.05757277	#1	T184	1.229E+04	1.790E+03	1.532E+03	7.139E+02	1.206E+03	2.663E-01	9.306E+01	6.912E+00
152	04/07/08 11:48	07/07/08 11:57	13.14020975	#1	T185	1.002E+04	1.530E+03	1.446E+03	6.115E+02	1.191E+03	2.934E-01	9.697E+01	6.868E+00
153	07/07/08 12:12	09/07/08 13:22	36.17648783	#1	T186	3.797E+03	5.359E+02	2.045E+02	1.699E+02	2.935E+02	3.659E-02	1.279E+01	1.510E+00
154	09/07/08 13:42	11/07/08 15:13	15.42498139	#1	T187	7.782E+03	1.080E+03	2.469E+02	3.251E+02	3.868E+02	5.406E-02	1.844E+01	2.724E+00

Sample period	Cr (ng/m^3)	Mn (ng/m^3)	Fe (ng/m^3)	Co (ng/m^3)	Ni (ng/m^3)	Cu (ng/m^3)	Zn (ng/m^3)	Ga (ng/m^3)	Rb (ng/m^3)	Sr (ng/m^3)	Y (ng/m^3)	Nb (ng/m^3)	Ag (ng/m^3)	Cd (ng/m^3)	Sn (ng/m^3)	Cs (ng/m^3)	Ba (ng/m^3)
1																	
2	2.629E+00	7.507E+00	4.631E+02	1.998E-01	1.133E+00	1.208E+00	1.708E+01	7.330E-01	1.075E+00	9.840E+00	1.993E-01	3.656E-01	2.824E-02	2.111E-02		4.904E-02	6.015E+00
3	1.568E+00	5.439E+00	2.985E+02	1.412E-01	7.787E-01	6.705E-01	2.284E+00	4.754E-01	6.527E-01	4.744E+00	1.041E-01	2.167E-01		1.551E-02		2.976E-02	3.901E+00
4	5.425E+00	2.327E+01	1.379E+03	6.328E-01	2.805E+00	2.194E+00	1.189E+01	2.410E+00	2.709E+00	1.620E+01	7.197E-01	8.109E-01	3.470E-04	5.361E-02		1.281E-01	2.131E+01
5	8.807E+00	5.282E+01	3.154E+03	1.415E+00	4.659E+00	3.539E+00	1.382E+01	5.434E+00	5.972E+00	2.823E+01	1.757E+00	1.769E+00	1.147E-02	7.557E-02	6.002E-02	2.731E-01	4.907E+01
6	4.347E+00	2.297E+01	1.482E+03	6.371E-01	2.317E+00	1.702E+00	7.892E+00	2.319E+00	3.115E+00	1.380E+01	9.331E-01	1.077E+00	3.927E-03	1.658E-02	1.184E-01	1.474E-01	1.934E+01
7	4.768E+00	1.909E+01	1.154E+03	5.377E-01	3.199E+00	2.061E+00	1.342E+01	1.768E+00	2.460E+00	1.146E+01	5.675E-01	8.327E-01	1.045E-03	4.784E-02	8.700E-02	1.239E-01	1.393E+01
8	4.384E+00	1.682E+01	1.110E+03	4.842E-01	2.730E+00	1.492E+00	8.342E+00	1.558E+00	2.249E+00	1.291E+01	5.137E-01	7.592E-01	3.109E-02	2.292E-02		1.113E-01	1.396E+01
9	4.345E+00	2.563E+01	1.620E+03	6.841E-01	2.355E+00	1.621E+00	6.393E+00	2.362E+00	3.390E+00	1.330E+01	1.075E+00	1.170E+00	4.938E-03	2.330E-02	1.790E-01	1.672E-01	1.947E+01
10	9.299E+00	6.324E+01	4.313E+03	1.772E+00	4.155E+00	3.385E+00	1.063E+01		8.379E+00	3.018E+01	2.756E+00	1.157E+00	3.036E-02	3.942E-02	1.954E-01	4.546E-01	5.455E+01
11	1.698E+00	1.373E+01	7.275E+02	3.636E-01	1.083E+00	7.038E-01	4.137E+00	5.900E-01	1.478E+00	8.224E+00	4.923E-01	3.131E-01		1.559E-02		6.926E-02	1.215E+01
12	1.723E+00	6.023E+00	3.978E+02	1.801E-01	7.967E-01	3.517E-01	1.870E+00		7.236E-01	3.898E+00	1.331E-01	1.815E-01		6.581E-03	6.493E-02	3.737E-02	4.053E+00
13		1.163E+00	8.094E+01	3.806E-02	3.887E-02	4.632E-02	3.599E-01		1.516E-01	9.226E-01		2.939E-02		9.884E-04		7.984E-03	8.768E-01
14	3.188E+00	1.230E+01	7.805E+02	3.589E-01	1.266E+00	7.587E-01	4.501E+00		1.484E+00	7.385E+00	3.433E-01	1.836E-01		1.633E-02		8.072E-02	9.549E+00
15	4.728E+00	2.445E+01	1.623E+03	7.375E-01	3.496E+00	1.561E+00	5.861E+00		3.089E+00	1.322E+01	8.960E-01	3.877E-01	5.852E-03	2.906E-02	3.796E-01	1.672E-01	1.895E+01
16	2.512E+00	1.083E+01	7.836E+02	3.640E-01	5.970E+00	7.019E-01	3.440E+00		1.375E+00	7.543E+00	3.839E-01	2.919E-01	8.318E-04	1.312E-02	1.141E-01	7.190E-02	8.533E+00
17	4.729E-01	9.300E-01	6.241E+01	3.671E-02	2.323E-01	8.462E-02	8.777E-01		1.319E-01	2.559E+00		2.326E-02		1.912E-03	2.766E-01	6.689E-03	6.620E-01
18	8.230E-01	2.079E-01	8.931E+00	1.345E-02	3.103E-01	2.289E-01	1.053E+00		5.218E-02	2.102E+00		1.935E-03		7.698E-04	9.689E-02	1.472E-03	1.308E-01
19	2.659E+00	1.593E+01	1.090E+03	4.847E-01	1.352E+00	8.673E-01	6.793E+00		1.911E+00	8.793E+00	6.053E-01	2.407E-01	4.303E-03	1.250E-02	5.809E-02	9.768E-02	1.243E+01
20	7.719E-01	5.806E+00	4.334E+02	1.926E-01	7.074E-01	3.611E-01	9.427E-01		7.076E-01	4.307E+00	9.313E-02	1.565E-01		4.456E-03	9.512E-02	3.686E-02	4.814E+00
21	5.807E+00	2.089E+01	1.375E+03	5.964E-01	2.625E+00	1.225E+00	3.640E+00	1.916E+00	2.415E+00	1.833E+01	4.644E-01	5.573E-01	9.230E-03	2.982E-02	1.148E-02	1.113E-01	1.966E+01
22	1.627E+00	5.701E+00	4.124E+02	1.794E-01	1.091E+00	3.356E-01	1.298E+00	5.461E-01	7.530E-01	6.577E+00	1.251E-01	2.672E-01	4.756E-03	9.660E-03	1.508E-02	3.646E-02	5.527E+00
23	1.011E+00	7.189E-01	5.436E+01	1.619E-02	4.062E-01	1.437E-01	1.964E+00	4.017E-02	1.079E-01	2.483E+00		1.217E-02		3.263E-03		4.830E-03	4.536E-01
24	7.869E-01	1.327E+00	7.436E+01	3.656E-02	4.212E-01	1.645E-01	1.345E+00	1.147E-01	2.091E-01	2.396E+00		3.693E-02	5.482E-04	1.095E-02	5.370E-02	1.022E-02	9.935E-01
25	1.762E+00	3.727E+00	2.488E+02	1.243E-01	8.710E-01	3.584E-01	4.456E+00	2.840E-01	4.977E-01	4.278E+00	3.182E-02	1.788E-01	2.440E-03	9.412E-03	5.206E-02	2.305E-02	2.602E+00
26	2.191E+00	3.634E+00	1.956E+02	1.201E-01	1.206E+00	7.311E-01	5.494E+00	2.595E-02	5.671E-01	5.658E+00		1.082E-01	7.512E-03	2.609E-02	9.456E-02	3.107E-02	2.551E+00
27	2.142E+00	5.118E+00	2.924E+02	1.507E-01	1.966E+00	8.432E-01	1.024E+01	4.039E-01	6.797E-01	5.803E+00		1.894E-01	3.417E-03	3.442E-02	5.809E-02	3.578E-02	3.797E+00
28	2.955E+00	1.465E+01	1.054E+03	4.532E-01	1.819E+00	1.144E+00	4.112E+00	1.368E+00	2.093E+00	1.006E+01	5.401E-01	5.465E-01	1.767E-02	2.689E-02	1.633E-01	1.068E-01	1.288E+01
29	4.228E+00	2.156E+01	1.457E+03	5.815E-01	2.369E+00	1.397E+00	7.597E+00	1.706E+00	2.700E+00	1.348E+01	6.920E-01	2.118E-01	3.635E-02	3.067E-02	5.355E-02	1.351E-01	1.648E+01
30	2.167E+00	1.113E+01	7.190E+02	3.292E-01	1.774E+00	9.259E-01	4.881E+00	8.872E-01	1.312E+00	7.031E+00	2.802E-01	4.945E-01	1.942E-02	2.970E-02	1.670E-01	6.478E-02	7.716E+00
31	8.032E-01	1.953E+00	1.267E+02	7.665E-02	7.865E-01	2.872E-01	2.327E+00	1.769E-01	2.859E-01	4.570E+00		7.230E-02	3.998E-03	7.971E-03		1.236E-02	1.616E+00
32	2.374E+00	1.032E+01	6.747E+02	3.024E-01	2.091E+00	7.942E-01	3.249E+00	8.523E-01	1.274E+00	7.810E+00	1.877E-01	3.880E-01	1.466E-02	2.339E-02	2.173E-01	5.989E-02	7.954E+00
33	1.797E+00	7.716E+00	4.804E+02	2.397E-01	1.838E+00	7.068E-01	3.586E+00	5.631E-01	9.066E-01	6.202E+00	6.781E-02	2.467E-01	4.831E-03	3.590E-02	7.847E-02	4.508E-02	5.245E+00
34	2.673E+00	1.353E+01	9.495E+02	4.167E-01	1.837E+00	1.027E+00	4.406E+00		1.563E+00	6.319E+00	3.993E-01	2.985E-01	2.870E-03	2.323E-02	9.658E-02	7.945E-02	1.015E+01
35	2.773E+00	1.272E+01	8.625E+02	3.678E-01	2.427E+00	1.059E+00	5.445E+00	1.041E+00	1.705E+00	8.565E+00	3.131E-01	5.861E-01	1.409E-02	2.272E-02	6.939E-02	8.524E-02	8.884E+00
36	3.450E+00	1.928E+01	1.323E+03	5.411E-01	2.939E+00	1.422E+00	6.118E+00	1.567E+00	2.415E+00	1.028E+01	6.316E-01	6.678E-01	1.947E-02	3.306E-02	5.772E-01	1.201E-01	1.421E+01
37	3.167E+00	1.796E+01	1.292E+03	5.183E-01	2.468E+00	1.299E+00	6.481E+00	1.523E+00	2.342E+00	1.088E+01	6.255E-01	7.556E-01	1.829E-02	3.276E-02	1.368E-01	1.161E-01	1.462E+01
38	2.851E+00	1.453E+01	9.883E+02	4.282E-01	2.453E+00	1.268E+00	9.094E+00	1.216E+00	1.906E+00	1.079E+01	3.794E-01	6.413E-01	1.832E-02	2.782E-02	3.389E-01	9.389E-02	1.193E+01
39	1.330E+00	2.518E+00	1.674E+02	6.083E-02	5.975E-01	2.381E-01	1.388E+00	2.166E-01	3.576E-01	6.253E+00		1.035E-01	4.118E-04	3.268E-03		1.537E-02	2.056E+00
40	1.493E+00	5.946E+00	3.816E+02	1.694E-01	1.089E+00	4.439E-01	2.217E+00	4.411E-01	7.428E-01	4.896E+00	1.180E-01	2.836E-01	5.220E-03	9.072E-03	2.731E-02	3.413E-02	4.123E+00
41	1.599E+00	6.881E+00	4.227E+02	2.037E-01	1.209E+00	4.399E-01	2.297E+00	5.402E-01	8.174E-01	6.103E+00	9.978E-02	3.424E-01	3.422E-03	7.991E-03	6.162E-02	3.676E-02	4.687E+00
42	8.515E-01	5.668E-01	2.971E+01	1.873E-02	3.148E-01	9.342E-02	2.725E+00	5.703E-02	9.908E-02	2.787E+00		1.876E-02		4.960E-03		3.990E-03	4.261E-01
43	1.470E+00	8.071E+00	5.030E+02	2.189E-01	1.174E+00	5.374E-01	2.410E+00	5.969E-01	9.280E-01	4.925E+00	1.923E-01	3.427E-01	1.074E-02	1.161E-02	1.320E-03	4.315E-02	5.559E+00
44	1.703E+00	5.431E+00	3.631E+02	1.580E-01	1.070E+00	4.107E-01	2.833E+00	4.565E-01	6.943E-01	6.177E+00	5.131E-02	2.650E-01	3.139E-03	1.112E-02	2.158E-02	3.391E-02	4.258E+00
45	1.477E+00	7.432E+00	5.088E+02	2.187E-01	9.329E-01	5.274E-01	2.473E+00		7.226E-01	5.253E+00	1.011E-01	2.362E-01		1.741E-02		4.341E-02	5.029E+00
46	1.145E+00	5.918E+00	3.970E+02	1.711E-01	5.414E-01	3.891E-01	2.384E+00		5.948E-01	3.210E+00	1.020E-01	1.557E-01		1.192E-02		3.659E-02	3.989E+00
47	2.148E+00	1.005E+01	6.057E+02	2.661E-01	1.976E+00	1.328E+00	7.163E+00	7.203E-01	1.304E+00	7.044E+00	1.560E-01	3.914E-01	2.395E-02	4.070E-02	2.423E-01	6.952E-02	7.215E+00
48	5.210E+00	1.223E+01	8.717E+02	3.980E-01	1.941E+00	9.506E-01	4.037E+00		1.366E+00	7.178E+00	2.444E-01	3.362E-01		2.570E-02		8.646E-02	8.429E+00
49	1.340E+00	3.358E+00	1.938E+02	1.064E-01	1.268E+00	9.332E-01	4.725E+00	2.666E-01	4.685E-01	3.457E+00		1.295E-01	2.460E-02	4.474E-02	1.475E+00	2.453E-02	2.429E+00
50	2.158E+00	8.366E+00	5.092E+02	2.369E-01	1.920E+00	1.640E+00	7.277E+00	6.813E-01	1.147E+00	6.449E+00	1.322E-01	3.228E-01	1.991E-02	5.790E-02	3.920E-01	5.918E-02	6.511E+00
51	2.541E+00	1.122E+01	7.421E+02	3.144E-01	2.147E+00	1.354E+00	5.657E+00	9.902E-01	1.519E+00	8.386E+00	2.455E-01	4.872E-01	1.320E-02	4.626E-02	1.830E-01	7.710E-02	9.497E+00
52	8.458E-01	2.951E+00	2.165E+02	1.023E-01	9.477E-01	4.953E-01	3.192E+00	2.968E-01	4.754E-01	4.621E+00	1.438E-02	1.478E-01	6.648E-02	1.861E-02	2.245E-01	2.391E-02	2.815E+00
53	1.542E+00	2.288E+00	1.159E+02	7.863E-02	1.521E+00	7.650E-01	6.733E+00	1.718E-01	3.091E-01	4.691E+00		5.045E-02	1.189E-02	3.861E-02	2.863E-01	1.518E-02	1.645E+00
54	1.503E+00	1.582E+00	1.007E+02	6.994E-02	9.320E-01	3.712E-01	1.897E+00		1.944E-01	2.986E+00		4.077E-02		1.618E-02	6.560E-01	9.712E-03	1.216E+00
55	1.020E+00	3.764E+00	2.193E+02	1.139E-01	1.191E+00	6.118E-01	2.929E+00	2.871E-01	5.289E-01	4.806E+00		1.552E-01	8.756E-03	2.103E-02	1.090E-01	2.538E-02	2.653E+00
56	2.119E+00	9.331E+00	5.447E+02	2.417E-01	3.700E+00	1.681E+00	5.424E+00	6.768E-01	1.144E+00	6.680E+00	1.713E-01	4.702E-01	1.771E-02	3.043E-02	1.738E-02	5.241E-02	6.158E+00
57	1.631E+01	1.292E+02	7.940E+03	3.308E+00	8.169E+00	1.382E+01	1.600E+01		1.552E+01	7.014E+01	5.522E+00	3.149E+00	6.423E-02	7.767E-02	3.912E-01	7.740E-01	9.602E+01
58	8.691E+00	7.581E+01	4.620E+03	1.645E+00	4.776E+00	7.333E+00	9.438E+00	2.868E+00	9.115E+00	4.016E+01	3.015E+00	1.779E+00	8.129E-03	3.457E-02	2.051E-01	4.400E-01	5.268E+01
59	6.869E+00	4.477E+01	3.284E+03	1.403E+00	2.601E+00	2.002E+00	7.895E+00		4.779E+00	2.118E+01	1.513E+00	1.003E+00	1.084E-02	3.725E-02	1.370E-01	3.004E-01	3.424E+01
60	2.654E+00	1.658E+01	1.241E+03	5.553E-01	1.501E+00	9.971E-01	3.626E+00		1.745E+00	7.178E+00	6.459E-01	5.387E-01	6.526E-03	2.443E-02	1.558E-01	1.030E-01	1.233E+01
61	2.373E+00	1.194E+01	7.782E+02	3.256E-01	1.116E+00	6.953E-01	2.942E+00		1.172E+00	4.815E+00	2.985E-01	3.136E-01	1.665E-02	1.808E-02	1.669E-01	5.812E-02	7.674E+00
62	1.157E+00	1.344E+00	8.299E+01	3.599E-02	4.167E-01	2.017E-01	9.692E-01		1.777E-01	2.845E+00		3.205E-02	6.314E-02	1.470E-02	5.729E-02	7.304E-03	8.607E-01
63	1.088E+00	4.407E+00	3.002E+02	1.408E-01	5.164E-01	2.993E-01	1.767E+00		3.897E-01	3.962E+00	2.308E-02	7.980E-02	3.003E-02	4.702E-03	2.506E-01	1.714E-02	3.473E+00
64	1.172E+00	2.269E+00	1.550E+02	7.633E-02	5.785E-01	2.327E-01	2.252E+00		2.517E-01	3.799E+00		4.268E-02		7.506E-03		1.078E-02	2.014E+00
65	6.772E-01	2.090E+00	1.466E+02	6.752E-02	5.007E-01	2.488E-01	2.399E+00		2.502E-01	3.509E+00	7.492E-03	4.335E-02	2.264E-02	9.126E-03	9.544E-02	1.215E-02	2.284E+00
66	9.816E+00	8.459E+01	4.664E+03	2.136E+00	4.279E+00	3.478E+00	9.113E+00		8.541E+00	1.063E+02	2.651E+00	1.445E+00	2.500E-02	5.354E-02	1.045E+00	4.419E-01	7.432E+01
67	1.547E+00	9.591E+00	6.008E+02	2.696E-01	1.103E+00	8.467E-01	4.867E+00		1.096E+00	6.000E+00	2.499E-01	1.984E-01	4.599E-02	6.200E-02	1.949E-01	5.463E-02	1.205E+01
68	4.839E+00	3.679E+01	2.231E+03	9.446E-01	2.567E+00	1.848E+00	6.408E+00	3.234E+00	4.389E+00	2.577E+01	1.324E+00	7.958E-01	2.978E-02	4.370E-02	1.688E-01	2.216E-01	3.799E+01
69	4.094E+00	2.767E+01	1.658E+03	7.058E-01	2.393E+00	1.478E+00	6.685E+00	2.406E+00	3.124E+00	1.314E+01	9.286E-01	4.755E-01	2.554E-02	5.118E-02	1.937E-01	1.547E-01	2.428E+01
70	5.188E+00	3.320E+01	1.972E+03	7.721E-01	3.175E+00	1.792E+00	3.003E+01	2.657E+00	3.409E+00	1.613E+01	9.659E-01	9.679E-01	2.934E-02	5.845E-02	1.122E-01	1.622E-01	2.506E+01
71	2.396E+00	1.631E+01	1.031E+03	4.147E-01	1.343E+00	9.828E-01	4.643E+00		1.807E+00	8.489E+00	6.891E-01	2.661E-01	4.985E-02	3.049E-02	1.059E-01	8.808E-02	1.346E+01
72	1.806E+00	1.041E+01	6.698E+02	2.637E-01	1.203E+00	6.516E-01	5.444E+00		1.167E+00	5.696E+00	3.302E-01	3.243E-01	3.928E-02	3.582E-02	2.533E-01	5.643E-02	8.524E+00
73	9.546E-01	1.169E+00	7.115E+01	2.857E-02	3.803E-01	1.684E-01	2.434E+00		1.437E-01	1.871E+00		2.818E-02	2.748E-02	7.536E-03	4.638E-02	6.285E-03	8.714E-01
74	8.238E-01	1.664E-01	1.178E+01	8.383E-03	2.046E-01	3.769E-01	2.547E+00		4.154E-02	2.778E+00		2.032E-02		2.783E-03		1.213E-03	8.832E-02
75	1.947E+00	1.228E+01	6.342E+02	3.603E-01	1.276E+00	8.153E-01	3.625E+00		1.534E+00	8.654E+00	4.095E-01	3.713E-01	6.406E-02	1.250E-02	1.094E-01	7.391E-02	1.236E+01
76	7.240E+00	6.378E+01	3.845E+03	1.566E+00	3.818E+00	2.927E+00	8.696E+00		7.003E+00	2.842E+01	2.533E+00	1.434E+00	3.833E-02	3.470E-02	1.547E-01	3.431E-01	5.966E+01
77	1.305E+01	1.224E+02	7.224E+03	2.977E+00	6.632E+00	5.526E+00	1.406E+01		1.413E+01	6.171E+01	4.690E+00	2.228E+00	5.402E-02	6.232E-02	3.464E-01	7.313E-01	1.254E+02
78	2.009E+01	1.851E+02	1.129E+04	4.770E+00	7.592E+00	6.778E+00	1.721E+01		1.765E+01	7.287E+01	6.288E+00	3.251E+00	5.584E-02	5.809E-02	5.769E-01	1.050E+00	1.768E+02
79	9.556E+00	6.775E+01	4.058E+03	1.745E+00	4.443E+00	3.021E+00	1.527E+01		7.541E+00	3.106E+01	2.179E+00	1.046E+00	3.147E-02	6.527E-02	5.733E-01	3.857E-01	7.929E+01
80	5.832E+00	4.484E+01	2.781E+03	1.276E+00	2.291E+00	1.877E+00	5.459E+00		3.930E+00	2.282E+01	1.250E+00	6.464E-01	8.542E-03	3.057E-02	1.220E-01	2.310E-01	4.004E+01
81	1.496E+01	1.346E+02	7.820E+03	3.381E+00	7.374E+00	6.250E+00	1.971E+01		1.557E+01	8.685E+01	4.963E+00	4.264E-01	2.417E-02	6.553E-02	2.848E-02	7.998E-01	1.275E+02
82	5.360E+00	3.817E+01	2.611E+03	1.114E+00	2.914E+00	2.651E+00	7.859E+00		4.833E+00	2.347E+01	1.584E+00	8.852E-01	3.342E-02	3.377E-02	3.124E-01	2.584E-01	3.955E+01
83	3.290E+00	1.599E+01	1.334E+03	5.770E-01	1.337E+00	8.546E-01	3.833E+00		1.687E+00	1.026E+01	5.692E-01	4.732E-01	3.822E-03	1.403E-02	3.583E-01	1.086E-01	1.930E+01
84	3.917E+00	8.228E+00	5.252E+02	2.132E-01	1.564E+00	7.111E-01	5.070E+00		9.323E-01	1.005E+01	6.970E-02	2.234E-01	2.983E-02	2.368E-02	3.775E-01	5.085E-02	6.444E+00
85	5.844E+00	4.562E+01	2.789E+03	1.167E+00	2.933E+00	2.127E+00	6.742E+00		4.918E+00	2.506E+01	1.660E+00	1.025E+00	1.731E-02	2.183E-02	3.993E-01	2.494E-01	5.577E+01
86	1.699E+01	1.607E+02	8.840E+03	3.844E+00	8.360E+00	6.724E+00	1.488E+01		1.818E+01	7.975E+01	6.287E+00	2.992E+00	6.796E-02	6.192E-02	4.592E-01	8.535E-01	1.499E+02
87	1.014E+01	8.716E+01	5.091E+03	2.200E+00	4.807E+00	4.026E+00	2.315E+01		9.047E+00	3.224E+01	3.418E+00	5.058E-01	2.298E-02	3.314E-02	2.086E-01	4.521E-01	7.029E+01
88	2.180E+01	1.968E+02	1.074E+04	4.687E+00	1.093E+01	8.122E+00	1.913E+01		2.105E+01	9.081E+01	8.633E+00	2.148E+00	1.097E-01	6.583E-02	5.320E-01	9.926E-01	1.564E+02
89	6.403E+01	6.060E+02	3.344E+04	1.453E+01	2.928E+01	2.360E+01	5.275E+01		6.380E+01	1.938E+02	2.525E+01	1.460E+01	2.560E-01	1.690E-01	2.086E+00	2.935E+00	4.337E+02
90	3.804E+01	3.334E+02	1.989E+04	8.707E+00	1.386E+01	1.142E+01	2.784E+01		2.815E+01	8.752E+01	1.323E+01	1.012E+01	1.271E-01	9.326E-02	1.159E+00	1.569E+00	2.263E+02
91	1.208E+01	9.978E+01	6.375E+03	2.722E+00	4.581E+00	3.663E+00	1.040E+01		8.209E+00	3.489E+01	3.651E+00	2.545E+00	3.730E-02	4.652E-02	4.198E-01	4.678E-01	8.153E+01
92	1.143E+00	2.385E+00	1.805E+02	9.460E-02	6.084E-01	1.857E-01	1.534E+00		2.614E-01	3.395E+00		5.616E-02		6.697E-03		1.546E-02	2.391E+00
93	3.888E-01	7.740E-01	4.352E+01	1.901E-02	1.679E-01	2.250E-01	1.652E+00		1.304E-01	2.320E+00		2.098E-02	9.946E-03	4.955E-03	2.412E-01	6.651E-03	6.328E-01
94	2.309E+00	1.261E+01	8.585E+02	3.431E-01	1.067E+00	8.228E-01	3.831E+00		1.720E+00	8.243E+00	4.418E-01	3.487E-01	6.649E-03	2.085E-02	2.541E-01	9.442E-02	9.893E+00
95	8.224E-01	3.837E-01	2.005E+01	1.078E-02	1.893E-01	1.127E+00	2.955E+00		6.831E-02	1.458E+00		4.160E-03	6.448E-04	3.398E-03	1.949E-01	3.112E-03	2.851E-01
96	6.144E-01	3.842E-01	1.554E+01	8.487E-03	2.039E-01	2.811E-01	1.235E+00		6.555E-02	1.895E+00		3.258E-03	1.511E-04	3.115E-03	9.717E-02	2.632E-03	1.881E-01
97	1.910E+00	1.002E+01	5.904E+02	2.763E-01	6.183E-01	6.151E-01	4.165E+00		8.875E-01	4.926E+00	2.348E-01	3.185E-01	3.585E-04	5.710E-03		4.804E-02	6.256E+00
98	9.056E+00	6.440E+01	4.071E+03	1.713E+00	5.085E+00	3.169E+00	1.058E+01	5.374E+00	8.236E+00	3.321E+01	2.769E+00	2.608E+00	1.073E-01	2.939E-02	3.424E-01	3.919E-01	5.485E+01
99	4.434E+00	3.052E+01	2.247E+03	9.426E-01	2.364E+00	1.650E+00	4.305E+00		3.791E+00	1.316E+01	1.626E+00	1.138E+00	1.706E-02	1.628E-02	1.990E-01	1.895E-01	2.614E+01
100	1.529E+00	5.829E+00	4.473E+02	2.187E-01	8.584E-01	4.632E-01	2.470E+00		6.242E-01	5.291E+00	1.083E-01	3.189E-01		1.017E-02	1.751E-02	4.060E-02	4.854E+00
101	1.211E+01	9.568E+01	6.309E+03	2.543E+00	6.699E+00	5.035E+00	1.475E+01		1.306E+01	5.179E+01	4.126E+00	1.222E+00	2.912E-02	5.512E-02	3.531E-01	7.034E-01	5.477E+01
102	3.057E+00	2.108E+01	1.423E+03	6.099E-01	1.250E+00	9.129E-01	3.300E+00		2.141E+00	1.070E+01	6.422E-01	5.597E-01	4.004E-03	1.082E-02	2.343E-01	1.396E-01	1.702E+01
103	2.120E+00	8.781E+00	6.236E+02	2.782E-01	9.971E-01	6.999E-01	3.520E+00		9.554E-01	5.487E+00	9.049E-02	2.574E-01		1.474E-02	5.069E-01	6.341E-02	7.119E+00
104	1.479E+00	7.382E+00	5.935E+02	2.946E-01	1.411E+00	7.041E-01	3.306E+00		8.720E-01	5.616E+00	2.151E-01	2.503E-01	1.504E-03	1.897E-02	4.520E-01	5.380E-02	7.236E+00
105	2.262E+00	8.525E+00	6.095E+02	2.791E-01	1.082E+00	5.857E-01	2.164E+00		8.562E-01	6.482E+00	1.776E-01	2.064E-01		2.062E-02	2.067E-01	5.134E-02	7.591E+00
106	4.115E+00	2.483E+01	1.821E+03	8.196E-01	1.830E+00	1.367E+00	4.200E+00		2.752E+00	1.474E+01	8.082E-01	5.970E-01	8.078E-03	2.891E-02	1.278E+00	1.802E-01	2.304E+01
107	5.064E+00	3.494E+01	2.431E+03	1.127E+00	2.379E+00	1.740E+00	6.677E+00		3.430E+00	1.634E+01	1.096E+00	5.948E-01	9.743E-03	2.395E-02	2.440E-01	2.170E-01	2.962E+01
108	5.025E+00	2.919E+01	1.919E+03	8.454E-01	2.308E+00	1.470E+00	9.719E+00		2.728E+00	1.374E+01	5.685E-01	6.286E-01	3.024E-03	3.113E-02	4.855E-01	1.695E-01	2.187E+01
109	3.063E+00	1.533E+01	1.067E+03	4.975E-01	1.804E+00	7.907E-01	2.950E+00		1.607E+00	9.516E+00	1.832E-01	3.729E-01		1.780E-02	6.330E-01	1.003E-01	1.207E+01
110	1.063E+00	4.327E+00	2.744E+02	1.374E-01	5.409E-01	2.421E-01	2.214E+00		4.223E-01	3.282E+00	3.904E-02	1.090E-01		1.463E-02	6.081E-02	2.474E-02	2.818E+00
111	5.207E-01	1.163E-01	5.234E+00	6.618E-03	1.635E-01	3.007E-02	9.308E-01		1.737E-02	7.383E-01				1.468E-03	5.540E-01	8.542E-04	2.932E-02
112	1.473E+00	1.281E+00	8.644E+01	6.334E-02	5.889E-01	1.280E-01	4.641E+00		1.519E-01	2.910E+00		1.871E-02		7.644E-03		8.562E-03	9.491E-01
113	2.100E+00	8.954E+00	6.095E+02	2.999E-01	1.089E+00	5.273E-01	3.865E+00		9.368E-01	6.809E+00	1.099E-01	3.670E-01		2.236E-02	2.137E-01	5.515E-02	6.638E+00
114	1.253E+00	4.666E+00	3.288E+02	1.509E-01	4.653E-01	2.630E-01	1.857E+00		5.068E-01	3.987E+00	9.395E-02	1.154E-01	2.620E-04	1.264E-02	9.149E-02	3.056E-02	3.900E+00
115	5.204E+00	5.383E+00	3.080E+02	1.543E-01	8.565E-01	7.990E-01	2.086E+00		5.276E-01	7.455E+00		1.575E-01		8.686E-03	3.835E-01	2.623E-02	2.953E+00
116	6.994E-01	7.787E-01	3.860E+01	2.012E-02	1.736E-01	7.800E-02	7.845E-01		9.576E-02	1.839E+00		1.733E-02		1.035E-02	1.332E-01	7.922E-03	4.198E-01
117	1.076E+00	2.349E+00	1.627E+02	7.368E-02	3.298E-01	1.188E-01	7.948E-01		2.492E-01	3.205E+00		5.442E-02		1.034E-02	1.351E-01	1.566E-02	2.161E+00
118	2.638E+00	6.881E+00	4.492E+02	2.177E-01	7.581E-01	3.788E-01	3.020E+00		7.454E-01	5.331E+00		1.454E-01	8.572E-03	2.501E-02	2.831E-01	5.666E-02	4.924E+00
119	1.089E+00	8.930E-01	4.459E+01	2.388E-02	2.261E-01	1.128E-01	3.329E+00		1.081E-01	1.970E+00		1.022E-02		9.061E-03	9.193E-02	1.016E-02	4.769E-01
120	1.838E+00	3.628E+00	2.168E+02	1.248E-01	7.780E-01	4.213E-01	6.416E+00		4.192E-01	5.640E+00		5.830E-02		3.323E-02	3.183E+00	3.883E-02	2.704E+00
121	3.412E+00	5.989E+00	3.769E+02	1.689E-01	1.013E+00	4.931E-01	9.675E+00		6.789E-01	6.102E+00		9.666E-02		2.715E-02	4.954E-01	5.269E-02	4.377E+00
122	4.651E+00	1.832E+01	1.328E+03	6.146E-01	2.011E+00	1.138E+00	6.139E+00		2.179E+00	1.382E+01	2.953E-01	5.139E-01		5.446E-02	3.936E-01	1.489E-01	1.365E+01
123	4.952E+00	2.682E+01	1.977E+03	8.827E-01	2.341E+00	1.534E+00	8.119E+00		3.193E+00	1.648E+01	9.269E-01	7.092E-01	1.350E-02	4.924E-02	1.888E-01	2.084E-01	2.431E+01
124	4.760E+00	2.246E+01	1.559E+03	7.624E-01	2.248E+00	1.230E+00	5.190E+00		2.634E+00	1.583E+01	6.583E-01	5.835E-01	3.825E-03	3.961E-02	8.631E-02	1.737E-01	2.011E+01
125	5.028E+00	2.597E+00	1.625E+02	9.217E-02	8.556E-01	3.031E-01	4.764E+00		2.882E-01	3.675E+00		4.605E-02		1.096E-02	1.474E+00	1.861E-02	1.691E+00
126	1.885E+00	4.178E+00	2.877E+02	1.367E-01	4.985E-01	2.372E-01	3.688E+00		4.792E-01	3.621E+00		9.097E-02		1.546E-02		3.491E-02	2.849E+00
127	5.461E-01	1.193E+00	7.556E+01	4.478E-02	3.323E-01	1.193E-01	1.883E+00		1.482E-01	2.238E+00		2.550E-02	2.066E-03	8.705E-03	1.822E-01	1.301E-02	9.313E-01
128	2.688E+00	3.961E+00	2.658E+02	1.304E-01	8.524E-01	2.723E-01	2.217E+00		4.162E-01	5.318E+00		7.446E-02	7.325E-04	1.990E-02		2.958E-02	3.876E+00
129	1.927E+00	3.440E+00	2.087E+02	1.237E-01	8.102E-01	3.485E-01	3.790E+00		4.158E-01	4.591E+00		7.206E-02		2.592E-02		3.542E-02	2.920E+00
130	2.890E+00	1.808E+00	9.807E+01	7.877E-02	8.229E-01	2.248E-01	2.042E+00		2.181E-01	3.427E+00		2.437E-02		1.334E-02	6.277E-03	1.836E-02	1.178E+00
131	1.677E+00	1.224E+00	6.241E+01	5.113E-02	4.119E-01	1.312E-01	2.870E+00		1.558E-01	2.067E+00		1.029E-02		1.437E-02	1.558E-01	1.501E-02	1.031E+00
132	9.813E-01	2.644E+00	1.399E+02	6.028E-02	3.644E-01	2.559E-01	2.442E+00		3.557E-01	2.274E+00	7.134E-03	5.352E-02		1.753E-02		2.804E-02	1.635E+00
133	1.601E+00	3.035E+00	1.870E+02	9.874E-02	6.954E-01	4.175E-01	5.318E+00		3.201E-01	3.606E+00		4.834E-02	1.405E-02	3.188E-02	6.440E-02	2.727E-02	2.307E+00
134	1.397E+00	4.009E+00	2.973E+02	1.308E-01	7.896E-01	2.963E-01	4.586E+00		4.680E-01	6.148E+00		9.164E-02		1.608E-02	1.310E-01	3.485E-02	3.478E+00
135	4.333E-01	1.168E+00	6.945E+01	4.203E-02	3.738E-01	9.861E-02	1.482E+00		1.559E-01	2.160E+00		2.003E-02		4.956E-03		1.376E-02	8.158E-01
136	1.006E+00	6.929E-01	3.972E+01	2.384E-02	3.272E-01	1.359E-01	2.003E+00		9.085E-02	2.291E+00		6.154E-03	2.986E-04	9.444E-03	1.006E-01	7.067E-03	4.779E-01
137	1.471E+00	1.630E+00	8.959E+01	5.972E-02	7.822E-01	3.804E-01	6.935E+00		1.839E-01	3.514E+00		2.033E-02		1.661E-02	1.244E-01	1.378E-02	1.297E+00
138	1.187E+00	1.079E+00	5.508E+01	4.477E-02	6.329E-01	1.906E-01	2.496E+00		1.504E-01	3.165E+00		1.803E-02		1.600E-02		1.158E-02	7.108E-01
139	9.181E-01	5.861E-01	3.028E+01	3.162E-02	6.370E-01	3.543E-01	5.202E+00		9.866E-02	3.167E+00		6.786E-03		6.400E-03	6.006E-01	4.948E-03	3.306E-01
140	9.058E-01	5.388E-01	3.224E+01	3.375E-02	5.984E-01	7.059E-02	3.163E+00		8.557E-02	3.352E+00		9.280E-03		4.408E-03		4.820E-03	3.165E-01
141	7.446E-01	1.303E+00	7.311E+01	4.841E-02	5.881E-01	1.061E-01	3.005E+00		1.619E-01	3.243E+00		1.172E-01		9.099E-03		1.061E-02	8.113E-01
142	1.002E+00	1.496E+00	9.146E+01	4.476E-02	2.872E-01	1.644E-01	1.354E+00		1.755E-01	2.235E+00		6.144E-02	2.427E-03	4.361E-03		1.136E-02	8.287E-01
143	9.760E-01	1.048E+00	5.341E+01	4.102E-02	6.446E-01	2.766E-01	4.674E+00		1.306E-01	2.684E+00		4.565E-02		1.508E-02		9.937E-03	5.187E-01
144	1.122E+00	1.826E+00	1.220E+02	7.738E-02	8.111E-01	5.590E-01	3.053E+00		1.889E-01	3.236E+00		6.034E-02		1.718E-02	7.954E-02	1.312E-02	1.615E+00
145	5.489E-01	4.941E-01	2.606E+01	2.239E-02	3.979E-01	1.149E-01	1.248E+00		6.721E-02	1.978E+00		2.320E-02		6.489E-03		4.564E-03	3.018E-01
146	6.104E-01	2.810E-01	1.959E+01	1.846E-02	3.877E-01	2.483E-02	8.365E-01		4.575E-02	2.364E+00		2.232E-02		1.268E-03		2.242E-03	1.996E-01
147	3.538E+00	1.211E+00	6.836E+01	6.242E-02	9.192E-01	1.265E-01	4.998E+00		1.598E-01	3.701E+00		9.197E-02		8.546E-03		7.828E-03	6.855E-01
148	1.483E+00	3.769E-01	2.292E+01	2.132E-02	4.286E-01	7.590E-02	4.616E+00		8.735E-02	2.624E+00		3.656E-02		1.174E-02		3.519E-03	2.243E-01
149	1.024E+00	2.407E+00	1.524E+02	7.690E-02	6.216E-01	1.693E-01	2.961E+00		2.896E-01	4.022E+00		8.966E-02		6.002E-03		1.688E-02	1.880E+00
150	6.758E+00	3.001E+01	2.085E+03	9.488E-01	3.019E+00	1.958E+00	1.118E+01		3.024E+00	1.713E+01	8.071E-01	7.921E-01	5.905E-03	3.395E-02		1.799E-01	2.506E+01
151	5.030E+00	1.438E+01	8.905E+02	4.569E-01	2.512E+00	1.477E+00	4.081E+01		1.467E+00	1.167E+01		3.442E-01		4.075E-02		8.765E-02	9.633E+00
152	4.358E+00	1.308E+01	8.250E+02	4.162E-01	2.193E+00	8.024E-01	1.111E+01		1.328E+00	1.035E+01		3.589E-01	1.167E-02	1.972E-02		7.708E-02	9.049E+00
153	2.250E+00	1.849E+00	1.313E+02	6.996E-02	5.431E-01	9.998E-02	1.776E+01		1.921E-01	2.929E+00		4.996E-02	6.937E-03	7.712E-03		1.024E-02	1.514E+00
154	1.965E+00	2.511E+00	1.611E+02	9.900E-02	1.200E+00	2.496E-01	1.008E+01		3.042E-01	5.279E+00		5.881E-02		9.061E-03		1.339E-02	1.619E+00

Sample period	La (ng/m^3)	Ce (ng/m^3)	Pr (ng/m^3)	Nd (ng/m^3)	Sm (ng/m^3)	Eu (ng/m^3)	Gd (ng/m^3)	Tb (ng/m^3)	Dy (ng/m^3)	Ho (ng/m^3)	Er (ng/m^3)	Tm (ng/m^3)	Yb (ng/m^3)	Lu (ng/m^3)	Pb (ng/m^3)	Th (ng/m^3)	U (ng/m^3)
1																	
2	4.721E-01	9.704E-01	1.122E-01	4.233E-01	8.365E-02	1.815E-02	8.542E-02	1.162E-02	6.864E-02	1.375E-02	3.994E-02	5.644E-03	3.593E-02	5.225E-03	8.594E-01	1.256E-01	4.066E-02
3	3.157E-01	6.506E-01	7.467E-02	2.842E-01	5.275E-02	1.212E-02	5.370E-02	6.984E-03	4.025E-02	7.652E-03	2.148E-02	3.138E-03	1.995E-02	2.816E-03	8.530E-01	8.211E-02	2.509E-02
4	1.345E+00	2.723E+00	3.146E-01	1.177E+00	2.216E-01	5.207E-02	2.305E-01	3.039E-02	1.788E-01	3.506E-02	1.013E-01	1.421E-02	9.269E-02	1.326E-02	1.636E+00	3.448E-01	9.556E-02
5	3.003E+00	6.179E+00	7.072E-01	2.639E+00	5.080E-01	1.179E-01	5.084E-01	6.513E-02	3.648E-01	6.995E-02	2.023E-01	2.833E-02	1.842E-01	2.574E-02	2.743E+00	7.559E-01	2.054E-01
6	1.493E+00	3.056E+00	3.546E-01	1.334E+00	2.590E-01	5.881E-02	2.638E-01	3.505E-02	2.013E-01	3.925E-02	1.146E-01	1.634E-02	1.063E-01	1.529E-02	1.329E+00	3.789E-01	1.143E-01
7	1.260E+00	2.572E+00	2.961E-01	1.091E+00	2.139E-01	4.741E-02	2.138E-01	2.835E-02	1.533E-01	2.918E-02	8.706E-02	1.224E-02	8.150E-02	1.167E-02	2.690E+00	3.187E-01	8.833E-02
8	1.118E+00	2.281E+00	2.627E-01	1.012E+00	1.912E-01	4.097E-02	1.942E-01	2.536E-02	1.399E-01	2.647E-02	7.590E-02	1.113E-02	7.388E-02	1.104E-02	1.022E+00	2.928E-01	7.873E-02
9	1.685E+00	3.519E+00	4.016E-01	1.535E+00	3.016E-01	6.507E-02	3.007E-01	3.907E-02	2.261E-01	4.416E-02	1.297E-01	1.869E-02	1.171E-01	1.725E-02	1.319E+00	4.416E-01	1.200E-01
10	3.601E+00	7.556E+00	8.866E-01	3.374E+00	6.606E-01	1.531E-01	6.830E-01	9.010E-02	4.867E-01	9.370E-02	2.805E-01	4.106E-02	2.680E-01	3.913E-02	3.026E+00	9.277E-01	2.603E-01
11	8.372E-01	1.707E+00	2.103E-01	8.070E-01	1.580E-01	3.410E-02	1.558E-01	2.040E-02	1.071E-01	2.148E-02	5.962E-02	8.560E-03	5.479E-02	8.095E-03	6.709E-01	1.890E-01	4.497E-02
12	3.439E-01	7.079E-01	8.425E-02	3.257E-01	6.224E-02	1.415E-02	6.549E-02	8.689E-03	4.526E-02	8.336E-03	2.499E-02	3.564E-03	2.309E-02	3.376E-03	3.204E-01	8.280E-02	2.323E-02
13	8.145E-02	1.510E-01	1.906E-02	7.098E-02	1.337E-02	2.916E-03	1.403E-02	1.920E-03	9.934E-03	1.960E-03	5.728E-03	8.527E-04	5.324E-03	7.852E-04	2.643E-01	1.863E-02	4.931E-03
14	6.720E-01	1.395E+00	1.611E-01	6.193E-01	1.213E-01	2.771E-02	1.243E-01	1.616E-02	8.521E-02	1.621E-02	4.847E-02	7.064E-03	4.509E-02	6.619E-03	3.143E+00	1.369E-01	4.487E-02
15	1.375E+00	2.850E+00	3.332E-01	1.266E+00	2.424E-01	5.539E-02	2.573E-01	3.308E-02	1.762E-01	3.355E-02	1.017E-01	1.477E-02	9.645E-02	1.397E-02	3.300E+00	3.235E-01	9.446E-02
16	6.862E-01	1.406E+00	1.655E-01	6.302E-01	1.190E-01	2.705E-02	1.266E-01	1.649E-02	8.542E-02	1.622E-02	4.879E-02	6.865E-03	4.371E-02	6.372E-03	9.893E-01	1.619E-01	4.459E-02
17	5.607E-02	1.105E-01	1.279E-02	4.723E-02	9.160E-03	2.224E-03	9.690E-03	1.135E-03	6.577E-03	1.160E-03	3.721E-03	5.163E-04	3.404E-03	5.089E-04	1.184E-01	1.162E-02	4.644E-03
18	1.163E-02	2.079E-02	2.355E-03	7.938E-03	1.283E-03	4.456E-04	1.654E-03	1.639E-04	9.238E-04	1.593E-04	5.103E-04	8.858E-05	4.804E-04	6.520E-05	3.432E-02	1.072E-03	1.662E-03
19	9.284E-01	1.903E+00	2.242E-01	8.538E-01	1.635E-01	3.711E-02	1.727E-01	2.196E-02	1.176E-01	2.234E-02	6.626E-02	9.634E-03	6.129E-02	8.807E-03	6.323E-01	2.101E-01	5.783E-02
20	3.651E-01	7.277E-01	8.588E-02	3.222E-01	6.174E-02	1.433E-02	6.478E-02	8.427E-03	4.299E-02	8.353E-03	2.449E-02	3.558E-03	2.258E-02	3.210E-03	4.155E-01	7.991E-02	2.279E-02
21	1.239E+00	2.535E+00	2.974E-01	1.096E+00	2.062E-01	4.710E-02	2.111E-01	2.695E-02	1.396E-01	2.863E-02	7.858E-02	1.102E-02	7.130E-02	1.063E-02	1.709E+00	3.205E-01	8.903E-02
22	3.979E-01	8.039E-01	9.362E-02	3.532E-01	6.565E-02	1.485E-02	6.489E-02	8.179E-03	4.781E-02	9.189E-03	2.595E-02	3.663E-03	2.358E-02	3.270E-03	7.210E-01	9.850E-02	2.923E-02
23	3.250E-02	5.808E-02	6.556E-03	2.484E-02	4.934E-03	1.099E-03	4.955E-03	6.551E-04	3.574E-03	6.941E-04	2.077E-03	2.871E-04	1.933E-03	2.358E-04	2.251E-01	6.908E-03	3.568E-03
24	7.378E-02	1.364E-01	1.610E-02	5.945E-02	1.201E-02	2.213E-03	1.205E-02	1.600E-03	9.247E-03	1.614E-03	4.496E-03	7.033E-04	4.859E-03	6.832E-04	7.798E-01	1.650E-02	7.343E-03
25	2.586E-01	5.133E-01	5.794E-02	2.153E-01	4.242E-02	8.800E-03	4.086E-02	5.419E-03	3.089E-02	5.677E-03	1.608E-02	2.253E-03	1.511E-02	2.206E-03	7.934E-01	6.042E-02	1.839E-02
26	1.931E-01	3.584E-01	4.158E-02	1.518E-01	2.927E-02	6.521E-03	2.756E-02	4.157E-03	2.119E-02	4.063E-03	1.151E-02	1.661E-03	1.120E-02	1.858E-03	2.410E+00	4.587E-02	1.872E-02
27	3.032E-01	5.694E-01	6.716E-02	2.468E-01	4.577E-02	9.463E-03	4.771E-02	5.829E-03	3.253E-02	6.163E-03	1.652E-02	2.446E-03	1.599E-02	2.408E-03	1.815E+00	6.986E-02	2.348E-02
28	1.019E+00	2.075E+00	2.392E-01	8.938E-01	1.669E-01	3.649E-02	1.716E-01	2.186E-02	1.170E-01	2.286E-02	6.286E-02	9.098E-03	6.172E-02	8.862E-03	1.721E+00	2.576E-01	6.734E-02
29	1.352E+00	2.755E+00	3.177E-01	1.175E+00	2.137E-01	4.917E-02	2.246E-01	2.832E-02	1.527E-01	3.029E-02	8.217E-02	1.210E-02	7.723E-02	1.157E-02	1.861E+00	3.418E-01	8.653E-02
30	7.469E-01	1.479E+00	1.708E-01	6.385E-01	1.147E-01	2.654E-02	1.186E-01	1.499E-02	8.435E-02	1.580E-02	4.546E-02	6.251E-03	4.089E-02	6.028E-03	1.394E+00	1.782E-01	4.643E-02
31	1.258E-01	2.456E-01	2.742E-02	1.023E-01	2.055E-02	4.509E-03	2.067E-02	2.399E-03	1.325E-02	2.660E-03	7.197E-03	1.144E-03	7.008E-03	1.041E-03	2.699E-01	2.967E-02	9.836E-03
32	6.524E-01	1.311E+00	1.517E-01	5.549E-01	1.023E-01	2.273E-02	1.086E-01	1.305E-02	7.619E-02	1.389E-02	3.992E-02	5.760E-03	3.789E-02	5.426E-03	1.327E+00	1.590E-01	4.443E-02
33	4.343E-01	8.578E-01	9.910E-02	3.633E-01	6.586E-02	1.461E-02	6.880E-02	8.807E-03	4.669E-02	9.300E-03	2.528E-02	3.702E-03	2.212E-02	3.529E-03	1.325E+00	1.067E-01	2.731E-02
34	7.689E-01	1.564E+00	1.828E-01	6.819E-01	1.285E-01	2.943E-02	1.323E-01	1.647E-02	8.626E-02	1.646E-02	4.895E-02	7.104E-03	4.618E-02	6.629E-03	2.072E+00	1.860E-01	4.458E-02
35	8.859E-01	1.742E+00	2.010E-01	7.324E-01	1.352E-01	2.859E-02	1.414E-01	1.729E-02	9.359E-02	1.830E-02	5.050E-02	7.712E-03	5.045E-02	7.293E-03	1.875E+00	2.117E-01	5.192E-02
36	1.320E+00	2.622E+00	2.997E-01	1.105E+00	2.049E-01	4.481E-02	2.039E-01	2.651E-02	1.463E-01	2.792E-02	7.702E-02	1.135E-02	7.357E-02	1.084E-02	2.302E+00	3.185E-01	7.873E-02
37	1.232E+00	2.489E+00	2.818E-01	1.053E+00	1.974E-01	4.247E-02	2.023E-01	2.582E-02	1.350E-01	2.671E-02	7.667E-02	1.092E-02	6.951E-02	1.044E-02	1.727E+00	3.020E-01	7.884E-02
38	9.919E-01	1.938E+00	2.215E-01	8.278E-01	1.564E-01	3.371E-02	1.572E-01	2.026E-02	1.060E-01	2.082E-02	5.887E-02	8.684E-03	5.736E-02	8.212E-03	2.806E+00	2.334E-01	6.551E-02
39	1.733E-01	3.556E-01	4.116E-02	1.530E-01	2.708E-02	5.988E-03	2.779E-02	3.522E-03	1.923E-02	3.368E-03	9.903E-03	1.551E-03	8.866E-03	1.397E-03	2.972E-01	4.616E-02	1.341E-02
40	4.017E-01	8.036E-01	8.939E-02	3.370E-01	6.084E-02	1.325E-02	6.374E-02	8.055E-03	4.274E-02	8.448E-03	2.363E-02	3.466E-03	2.192E-02	3.256E-03	5.782E-01	9.950E-02	2.730E-02
41	4.486E-01	8.844E-01	1.021E-01	3.753E-01	7.229E-02	1.518E-02	7.013E-02	9.253E-03	4.751E-02	9.475E-03	2.692E-02	3.793E-03	2.460E-02	3.727E-03	5.218E-01	1.053E-01	3.227E-02
42	3.215E-02	5.949E-02	6.789E-03	2.300E-02	4.239E-03	1.117E-03	4.267E-03	6.957E-04	3.124E-03	6.336E-04	1.853E-03	2.394E-04	1.438E-03	1.466E-04	1.627E-01	7.579E-03	3.771E-03
43	5.010E-01	1.102E+00	1.163E-01	4.314E-01	8.167E-02	1.741E-02	8.194E-02	1.024E-02	5.462E-02	1.099E-02	2.954E-02	4.433E-03	2.676E-02	3.990E-03	8.317E-01	1.241E-01	3.417E-02
44	3.847E-01	7.636E-01	8.792E-02	3.274E-01	6.056E-02	1.365E-02	6.193E-02	8.051E-03	4.138E-02	7.949E-03	2.390E-02	3.299E-03	2.154E-02	2.938E-03	6.938E-01	9.153E-02	2.753E-02
45	4.750E-01	9.227E-01	1.052E-01	3.915E-01	7.071E-02	1.595E-02	7.552E-02	9.642E-03	5.234E-02	9.895E-03	2.836E-02	4.213E-03	2.619E-02	3.820E-03	1.133E+00	1.075E-01	2.999E-02
46	3.500E-01	6.900E-01	7.968E-02	2.959E-01	5.390E-02	1.192E-02	5.769E-02	7.310E-03	3.743E-02	7.339E-03	2.108E-02	3.017E-03	2.047E-02	2.815E-03	1.172E+00	8.244E-02	2.214E-02
47	6.149E-01	1.213E+00	1.417E-01	5.144E-01	1.010E-01	2.117E-02	1.023E-01	1.200E-02	6.720E-02	1.270E-02	3.673E-02	5.392E-03	3.375E-02	5.103E-03	4.197E+00	1.529E-01	4.397E-02
48	7.753E-01	1.516E+00	1.721E-01	6.442E-01	1.237E-01	2.670E-02	1.222E-01	1.641E-02	8.531E-02	1.578E-02	4.760E-02	6.795E-03	4.516E-02	6.491E-03	1.908E+00	1.828E-01	4.598E-02
49	2.079E-01	3.881E-01	4.480E-02	1.666E-01	3.075E-02	6.830E-03	3.136E-02	3.882E-03	2.038E-02	4.131E-03	1.202E-02	1.620E-03	1.094E-02	1.661E-03	1.639E+00	4.828E-02	1.513E-02
50	4.967E-01	9.745E-01	1.123E-01	4.218E-01	7.678E-02	1.726E-02	7.759E-02	1.045E-02	5.559E-02	1.112E-02	3.012E-02	4.783E-03	2.993E-02	4.534E-03	2.700E+00	1.214E-01	3.626E-02
51	6.852E-01	1.395E+00	1.563E-01	5.872E-01	1.137E-01	2.452E-02	1.129E-01	1.428E-02	7.853E-02	1.598E-02	4.419E-02	6.239E-03	4.136E-02	5.847E-03	2.884E+00	1.748E-01	4.651E-02
52	2.110E-01	4.215E-01	4.672E-02	1.703E-01	3.196E-02	6.868E-03	3.351E-02	3.967E-03	2.203E-02	4.146E-03	1.231E-02	1.734E-03	1.142E-02	1.587E-03	1.351E+00	5.064E-02	1.588E-02
53	1.151E-01	1.958E-01	2.172E-02	8.227E-02	1.642E-02	3.276E-03	1.729E-02	2.068E-03	1.103E-02	2.370E-03	6.436E-03	9.964E-04	5.074E-03	7.800E-04	2.529E+00	2.313E-02	1.095E-02
54	1.022E-01	1.841E-01	2.108E-02	7.851E-02	1.491E-02	3.127E-03	1.485E-02	1.913E-03	1.043E-02	2.047E-03	6.030E-03	7.770E-04	4.863E-03	8.918E-04	1.084E+00	1.951E-02	8.579E-03
55	2.284E-01	4.428E-01	5.084E-02	1.902E-01	3.487E-02	7.152E-03	3.495E-02	4.735E-03	2.331E-02	4.513E-03	1.355E-02	1.963E-03	1.249E-02	1.779E-03	1.580E+00	5.285E-02	1.752E-02
56	5.378E-01	1.111E+00	1.283E-01	4.768E-01	8.675E-02	1.924E-02	8.796E-02	1.162E-02	6.316E-02	1.228E-02	3.384E-02	5.130E-03	3.118E-02	4.717E-03	1.764E+00	1.273E-01	4.058E-02
57	7.734E+00	1.655E+01	1.925E+00	7.349E+00	1.414E+00	3.202E-01	1.471E+00	1.899E-01	9.948E-01	1.885E-01	5.602E-01	8.157E-02	5.220E-01	7.619E-02	8.396E+00	1.936E+00	5.399E-01
58	4.324E+00	8.822E+00	1.054E+00	3.961E+00	7.644E-01	1.646E-01	7.256E-01	9.861E-02	5.537E-01	1.080E-01	3.002E-01	4.417E-02	2.852E-01	4.216E-02	4.974E+00	1.087E+00	2.893E-01
59	2.605E+00	5.405E+00	6.091E-01	2.251E+00	4.374E-01	9.503E-02	4.472E-01	5.790E-02	3.085E-01	5.734E-02	1.663E-01	2.434E-02	1.573E-01	2.294E-02	6.630E+00	6.410E-01	1.638E-01
60	1.190E+00	2.412E+00	2.638E-01	9.892E-01	1.849E-01	3.926E-02	1.914E-01	2.443E-02	1.254E-01	2.398E-02	7.030E-02	9.861E-03	6.351E-02	9.456E-03	3.246E+00	2.623E-01	6.403E-02
61	6.648E-01	1.360E+00	1.596E-01	6.002E-01	1.137E-01	2.577E-02	1.201E-01	1.500E-02	7.866E-02	1.475E-02	4.484E-02	6.273E-03	3.992E-02	5.904E-03	1.737E+00	1.542E-01	3.970E-02
62	7.484E-02	1.517E-01	1.760E-02	6.741E-02	1.334E-02	2.601E-03	1.274E-02	1.627E-03	8.581E-03	1.648E-03	4.560E-03	7.034E-04	4.528E-03	5.941E-04	3.917E-01	1.601E-02	5.811E-03
63	1.948E-01	3.977E-01	4.778E-02	1.805E-01	3.412E-02	7.814E-03	3.410E-02	4.442E-03	2.216E-02	4.094E-03	1.224E-02	1.760E-03	1.148E-02	1.604E-03	2.318E-01	4.908E-02	1.488E-02
64	1.151E-01	2.292E-01	2.589E-02	1.001E-01	1.905E-02	4.559E-03	1.889E-02	2.269E-03	1.203E-02	2.278E-03	6.830E-03	1.030E-03	6.262E-03	9.667E-04	4.570E-01	2.673E-02	9.132E-03
65	1.223E-01	2.459E-01	2.852E-02	1.099E-01	2.122E-02	5.100E-03	2.098E-02	2.831E-03	1.396E-02	2.641E-03	8.083E-03	1.157E-03	7.025E-03	1.133E-03	5.399E-01	2.840E-02	9.760E-03
66	3.899E+00	8.303E+00	9.646E-01	3.673E+00	7.223E-01	1.733E-01	7.384E-01	9.432E-02	4.977E-01	9.557E-02	2.806E-01	3.973E-02	2.544E-01	3.744E-02	3.819E+00	9.638E-01	3.219E-01
67	5.268E-01	1.117E+00	1.297E-01	4.958E-01	9.623E-02	2.342E-02	9.668E-02	1.202E-02	6.310E-02	1.226E-02	3.582E-02	5.148E-03	3.316E-02	4.921E-03	5.046E+00	1.346E-01	3.575E-02
68	2.188E+00	4.645E+00	5.232E-01	1.954E+00	3.753E-01	8.417E-02	3.699E-01	4.795E-02	2.556E-01	4.974E-02	1.380E-01	1.968E-02	1.290E-01	1.892E-02	4.186E+00	5.726E-01	1.478E-01
69	1.660E+00	3.491E+00	3.959E-01	1.474E+00	2.845E-01	6.211E-02	2.881E-01	3.794E-02	2.040E-01	3.953E-02	1.046E-01	1.539E-02	1.018E-01	1.469E-02	8.880E+00	4.163E-01	1.167E-01
70	2.175E+00	4.487E+00	5.136E-01	1.891E+00	3.586E-01	7.546E-02	3.464E-01	4.495E-02	2.341E-01	4.501E-02	1.331E-01	1.869E-02	1.193E-01	1.765E-02	8.610E+00	5.245E-01	1.497E-01
71	1.090E+00	2.297E+00	2.693E-01	1.016E+00	1.921E-01	4.306E-02	2.008E-01	2.601E-02	1.370E-01	2.566E-02	7.582E-02	1.082E-02	7.090E-02	1.029E-02	2.289E+00	2.743E-01	8.659E-02
72	6.456E-01	1.332E+00	1.564E-01	5.983E-01	1.158E-01	2.529E-02	1.160E-01	1.500E-02	7.823E-02	1.517E-02	4.471E-02	6.563E-03	4.196E-02	5.946E-03	2.879E+00	1.598E-01	4.838E-02
73	6.965E-02	1.418E-01	1.658E-02	6.189E-02	1.237E-02	2.734E-03	1.320E-02	1.627E-03	8.423E-03	1.568E-03	4.815E-03	6.831E-04	4.344E-03	6.497E-04	3.817E-01	1.668E-02	5.844E-03
74	9.431E-03	1.354E-02	1.522E-03	5.218E-03	1.196E-03	2.377E-04	9.002E-04	1.576E-04	6.916E-04	1.141E-04	4.304E-04	6.440E-05	4.551E-04	4.050E-05	1.475E-01	1.325E-03	1.579E-03
75	7.912E-01	1.646E+00	1.938E-01	7.312E-01	1.374E-01	3.254E-02	1.439E-01	1.863E-02	9.699E-02	1.840E-02	5.373E-02	7.789E-03	5.059E-02	7.289E-03	7.918E-01	2.011E-01	5.801E-02
76	3.648E+00	7.905E+00	9.125E-01	3.475E+00	6.685E-01	1.548E-01	6.819E-01	8.771E-02	4.605E-01	8.755E-02	2.565E-01	3.686E-02	2.370E-01	3.446E-02	2.646E+00	9.151E-01	2.430E-01
77	6.613E+00	1.469E+01	1.639E+00	6.211E+00	1.212E+00	2.915E-01	1.244E+00	1.583E-01	8.312E-01	1.561E-01	4.651E-01	6.570E-02	4.204E-01	6.199E-02	5.241E+00	1.729E+00	4.362E-01
78	9.998E+00	2.164E+01	2.352E+00	8.859E+00	1.693E+00	3.866E-01	1.705E+00	2.212E-01	1.156E+00	2.182E-01	6.341E-01	9.040E-02	5.733E-01	8.585E-02	6.220E+00	2.490E+00	5.588E-01
79	3.421E+00	7.539E+00	8.664E-01	3.323E+00	6.565E-01	1.649E-01	6.765E-01	8.656E-02	4.550E-01	8.532E-02	2.503E-01	3.630E-02	2.302E-01	3.365E-02	3.512E+00	8.580E-01	2.109E-01
80	2.201E+00	4.496E+00	5.022E-01	1.854E+00	3.512E-01	8.009E-02	3.673E-01	4.717E-02	2.472E-01	4.717E-02	1.398E-01	2.024E-02	1.284E-01	1.873E-02	1.681E+00	5.095E-01	1.306E-01
81	6.904E+00	1.508E+01	1.730E+00	6.566E+00	1.273E+00	3.053E-01	1.306E+00	1.670E-01	8.761E-01	1.666E-01	4.926E-01	7.001E-02	4.553E-01	6.637E-02	5.081E+00	1.701E+00	4.617E-01
82	2.343E+00	5.125E+00	5.821E-01	2.214E+00	4.314E-01	9.893E-02	4.418E-01	5.679E-02	3.003E-01	5.651E-02	1.674E-01	2.378E-02	1.530E-01	2.227E-02	3.472E+00	5.771E-01	1.560E-01
83	1.129E+00	2.302E+00	2.530E-01	9.380E-01	1.818E-01	4.078E-02	1.846E-01	2.371E-02	1.222E-01	2.319E-02	6.868E-02	1.010E-02	6.371E-02	9.170E-03	3.528E+00	2.576E-01	6.252E-02
84	4.361E-01	9.258E-01	1.027E-01	3.936E-01	7.411E-02	1.667E-02	7.799E-02	9.761E-03	5.154E-02	9.862E-03	2.953E-02	4.088E-03	2.728E-02	4.034E-03	3.229E+00	1.090E-01	4.040E-02
85	2.453E+00	5.407E+00	6.207E-01	2.382E+00	4.602E-01	1.153E-01	4.771E-01	6.028E-02	3.190E-01	6.069E-02	1.778E-01	2.499E-02	1.623E-01	2.356E-02	2.374E+00	6.114E-01	1.563E-01
86	8.910E+00	1.913E+01	2.191E+00	8.256E+00	1.580E+00	3.761E-01	1.624E+00	2.052E-01	1.071E+00	2.010E-01	5.925E-01	8.475E-02	5.453E-01	7.883E-02	5.696E+00	2.158E+00	5.531E-01
87	4.959E+00	1.080E+01	1.231E+00	4.658E+00	8.927E-01	2.029E-01	9.207E-01	1.170E-01	6.114E-01	1.157E-01	3.415E-01	4.897E-02	3.129E-01	4.557E-02	3.456E+00	1.200E+00	2.970E-01
88	1.138E+01	2.611E+01	3.000E+00	1.123E+01	2.138E+00	4.775E-01	2.187E+00	2.792E-01	1.465E+00	2.765E-01	8.194E-01	1.160E-01	7.500E-01	1.080E-01	6.771E+00	2.897E+00	7.474E-01
89	3.760E+01	8.028E+01	8.307E+00	3.456E+01	6.453E+00	1.446E+00	6.484E+00	8.275E-01	4.289E+00	8.101E-01	2.385E+00	3.399E-01	2.191E+00	3.148E-01	1.895E+01	8.920E+00	2.218E+00
90	2.254E+01	4.676E+01	5.067E+00	1.852E+01	3.456E+00	7.446E-01	3.554E+00	4.590E-01	2.389E+00	4.538E-01	1.325E+00	1.902E-01	1.204E+00	1.760E-01	1.069E+01	4.927E+00	1.185E+00
91	6.261E+00	1.293E+01	1.395E+00	5.250E+00	9.910E-01	2.196E-01	1.009E+00	1.283E-01	6.634E-01	1.263E-01	3.660E-01	5.280E-02	3.336E-01	4.956E-02	6.165E+00	1.340E+00	3.116E-01
92	1.588E-01	3.099E-01	3.384E-02	1.245E-01	2.320E-02	5.312E-03	2.493E-02	3.031E-03	1.610E-02	3.116E-03	8.551E-03	1.211E-03	7.967E-03	1.105E-03	6.180E-01	3.483E-02	9.655E-03
93	4.181E-02	8.837E-02	1.033E-02	3.742E-02	7.323E-03	1.724E-03	7.973E-03	1.052E-03	5.550E-03	1.074E-03	3.110E-03	4.340E-04	2.930E-03	4.336E-04	3.123E-01	9.694E-03	5.591E-03
94	7.945E-01	1.671E+00	1.949E-01	7.368E-01	1.432E-01	3.059E-02	1.458E-01	1.871E-02	9.624E-02	1.863E-02	5.480E-02	7.822E-03	5.027E-02	7.421E-03	3.149E+00	2.030E-01	5.339E-02
95	1.779E-02	4.365E-02	4.295E-03	1.637E-02	3.158E-03	7.889E-04	3.244E-03	3.794E-04	2.334E-03	4.351E-04	1.156E-03	1.881E-04	1.111E-03	1.326E-04	2.498E-01	4.115E-03	2.023E-03
96	1.640E-02	3.525E-02	3.949E-03	1.464E-02	3.083E-03	5.744E-04	2.956E-03	4.269E-04	2.449E-03	4.715E-04	1.491E-03	1.933E-04	1.228E-03	2.016E-04	1.072E-01	3.116E-03	2.195E-03
97	5.952E-01	1.209E+00	1.361E-01	5.158E-01	1.014E-01	2.171E-02	1.040E-01	1.359E-02	7.036E-02	1.350E-02	3.989E-02	5.739E-03	3.846E-02	5.581E-03	4.328E-01	1.392E-01	3.746E-02
98	4.301E+00	9.310E+00	1.036E+00	3.855E+00	7.363E-01	1.598E-01	7.340E-01	9.681E-02	5.229E-01	1.003E-01	2.776E-01	4.049E-02	2.612E-01	3.913E-02	2.132E+00	1.024E+00	2.816E-01
99	2.454E+00	5.181E+00	5.907E-01	2.226E+00	4.217E-01	9.114E-02	4.368E-01	5.528E-02	2.869E-01	5.406E-02	1.596E-01	2.284E-02	1.465E-01	2.118E-02	1.374E+00	5.570E-01	1.441E-01
100	4.012E-01	8.015E-01	9.117E-02	3.369E-01	6.535E-02	1.405E-02	6.580E-02	8.416E-03	4.379E-02	8.548E-03	2.507E-02	3.745E-03	2.284E-02	3.239E-03	1.617E+00	9.656E-02	2.575E-02
101	6.047E+00	1.298E+01	1.467E+00	5.504E+00	1.038E+00	2.230E-01	1.066E+00	1.351E-01	7.095E-01	1.342E-01	3.961E-01	5.698E-02	3.685E-01	5.381E-02	1.209E+01	1.488E+00	3.898E-01
102	1.315E+00	2.670E+00	2.960E-01	1.091E+00	2.045E-01	4.505E-02	2.162E-01	2.715E-02	1.457E-01	2.803E-02	8.269E-02	1.186E-02	7.587E-02	1.133E-02	1.403E+00	3.265E-01	7.963E-02
103	5.860E-01	1.178E+00	1.294E-01	4.750E-01	9.207E-02	1.996E-02	9.322E-02	1.191E-02	6.189E-02	1.221E-02	3.531E-02	4.903E-03	3.064E-02	4.583E-03	1.697E+00	1.383E-01	3.624E-02
104	5.601E-01	1.115E+00	1.226E-01	4.568E-01	8.541E-02	1.872E-02	8.874E-02	1.123E-02	5.811E-02	1.145E-02	3.265E-02	4.761E-03	3.060E-02	4.376E-03	2.464E+00	1.239E-01	3.361E-02
105	5.267E-01	1.060E+00	1.188E-01	4.432E-01	8.358E-02	1.890E-02	8.683E-02	1.088E-02	5.816E-02	1.099E-02	3.311E-02	4.785E-03	3.028E-02	4.417E-03	9.635E-01	1.182E-01	3.456E-02
106	1.512E+00	3.066E+00	3.446E-01	1.266E+00	2.436E-01	5.390E-02	2.525E-01	3.304E-02	1.740E-01	3.343E-02	9.821E-02	1.419E-02	9.017E-02	1.361E-02	3.616E+00	3.739E-01	9.764E-02
107	1.893E+00	3.853E+00	4.301E-01	1.602E+00	3.080E-01	6.979E-02	3.225E-01	4.142E-02	2.199E-01	4.233E-02	1.245E-01	1.804E-02	1.175E-01	1.691E-02	4.747E+00	4.541E-01	1.169E-01
108	1.548E+00	3.095E+00	3.444E-01	1.288E+00	2.496E-01	5.413E-02	2.544E-01	3.276E-02	1.704E-01	3.298E-02	9.552E-02	1.384E-02	9.045E-02	1.368E-02	3.515E+00	3.622E-01	9.096E-02
109	8.995E-01	1.803E+00	2.032E-01	7.475E-01	1.437E-01	3.209E-02	1.511E-01	1.897E-02	1.057E-01	1.892E-02	5.627E-02	8.181E-03	5.283E-02	8.144E-03	3.344E+00	2.126E-01	5.500E-02
110	2.307E-01	4.589E-01	5.164E-02	1.916E-01	3.672E-02	7.980E-03	3.823E-02	4.994E-03	2.595E-02	4.917E-03	1.410E-02	2.093E-03	1.296E-02	2.000E-03	9.168E-01	5.221E-02	1.431E-02
111	6.286E-03	9.008E-03	1.140E-03	4.291E-03	6.570E-04	1.020E-04	8.652E-04	7.458E-05	3.879E-04	9.104E-05	2.924E-04	5.105E-05	2.366E-04	5.618E-05	1.155E-01	1.204E-03	8.036E-04
112	7.389E-02	1.277E-01	1.469E-02	5.495E-02	1.092E-02	2.235E-03	1.135E-02	1.517E-03	7.752E-03	1.530E-03	4.571E-03	6.088E-04	4.371E-03	5.547E-04	6.083E-01	1.425E-02	5.604E-03
113	4.853E-01	9.613E-01	1.073E-01	4.037E-01	7.473E-02	1.595E-02	7.529E-02	9.699E-03	5.088E-02	9.572E-03	2.765E-02	4.022E-03	2.661E-02	3.808E-03	3.410E+00	1.085E-01	3.277E-02
114	2.737E-01	5.402E-01	6.150E-02	2.309E-01	4.394E-02	1.008E-02	4.575E-02	5.819E-03	3.149E-02	5.922E-03	1.711E-02	2.493E-03	1.601E-02	2.504E-03	1.171E+00	6.047E-02	1.766E-02
115	2.916E-01	5.897E-01	6.858E-02	2.602E-01	5.148E-02	1.100E-02	5.296E-02	6.956E-03	3.728E-02	7.356E-03	2.201E-02	3.005E-03	1.981E-02	3.050E-03	4.928E-01	6.702E-02	2.074E-02
116	3.279E-02	6.546E-02	7.018E-03	2.545E-02	4.488E-03	9.911E-04	4.942E-03	7.687E-04	3.440E-03	7.277E-04	1.984E-03	2.737E-04	1.884E-03	2.394E-04	5.027E-01	7.050E-03	3.860E-03
117	1.528E-01	3.035E-01	3.403E-02	1.314E-01	2.563E-02	5.477E-03	2.603E-02	3.359E-03	1.798E-02	3.305E-03	1.006E-02	1.369E-03	8.770E-03	1.318E-03	3.302E-01	3.417E-02	1.043E-02
118	3.693E-01	7.335E-01	8.206E-02	3.085E-01	5.972E-02	1.304E-02	5.838E-02	7.959E-03	4.079E-02	7.824E-03	2.352E-02	3.140E-03	2.014E-02	2.979E-03	1.620E+00	8.999E-02	2.334E-02
119	3.852E-02	7.353E-02	8.011E-03	2.861E-02	5.715E-03	1.044E-03	6.280E-03	8.060E-04	4.390E-03	7.245E-04	2.538E-03	3.960E-04	2.172E-03	3.308E-04	6.020E-01	8.971E-03	3.816E-03
120	1.802E-01	3.347E-01	3.807E-02	1.390E-01	2.612E-02	4.982E-03	2.807E-02	3.536E-03	1.732E-02	3.115E-03	1.062E-02	1.606E-03	9.505E-03	1.502E-03	1.226E+00	4.268E-02	1.564E-02
121	3.107E-01	5.947E-01	6.711E-02	2.561E-01	4.737E-02	1.007E-02	5.096E-02	6.228E-03	3.193E-02	5.669E-03	1.908E-02	2.782E-03	1.684E-02	2.699E-03	2.031E+00	7.063E-02	2.276E-02
122	1.053E+00	2.086E+00	2.342E-01	8.888E-01	1.709E-01	3.730E-02	1.778E-01	2.267E-02	1.147E-01	2.242E-02	6.496E-02	9.380E-03	6.093E-02	8.810E-03	4.247E+00	2.466E-01	6.804E-02
123	1.723E+00	3.451E+00	3.895E-01	1.446E+00	2.753E-01	6.099E-02	2.837E-01	3.634E-02	1.913E-01	3.670E-02	1.068E-01	1.586E-02	1.006E-01	1.487E-02	3.148E+00	4.011E-01	1.123E-01
124	1.428E+00	2.843E+00	3.179E-01	1.178E+00	2.204E-01	4.750E-02	2.285E-01	2.971E-02	1.580E-01	3.030E-02	8.798E-02	1.301E-02	8.034E-02	1.169E-02	2.623E+00	3.379E-01	9.408E-02
125	1.340E-01	2.682E-01	3.028E-02	1.089E-01	2.152E-02	4.488E-03	2.121E-02	2.756E-03	1.400E-02	2.776E-03	7.427E-03	1.246E-03	6.502E-03	1.099E-03	4.853E-01	3.164E-02	9.887E-03
126	2.449E-01	4.885E-01	5.509E-02	1.983E-01	3.891E-02	8.232E-03	3.916E-02	5.189E-03	2.916E-02	5.469E-03	1.605E-02	2.239E-03	1.552E-02	2.353E-03	7.184E-01	6.324E-02	1.711E-02
127	6.634E-02	1.309E-01	1.365E-02	5.154E-02	9.892E-03	2.173E-03	1.106E-02	1.327E-03	6.925E-03	1.339E-03	3.872E-03	6.105E-04	3.839E-03	5.534E-04	3.781E-01	1.644E-02	5.800E-03
128	2.265E-01	4.437E-01	5.043E-02	1.841E-01	3.519E-02	7.960E-03	3.680E-02	4.723E-03	2.590E-02	5.008E-03	1.393E-02	2.021E-03	1.274E-02	1.939E-03	5.803E-01	5.154E-02	1.815E-02
129	1.880E-01	3.608E-01	4.153E-02	1.480E-01	3.088E-02	6.052E-03	3.071E-02	4.168E-03	2.010E-02	4.104E-03	1.157E-02	1.712E-03	1.246E-02	1.678E-03	8.395E-01	4.718E-02	1.678E-02
130	8.041E-02	1.559E-01	1.699E-02	5.966E-02	1.049E-02	2.351E-03	1.167E-02	1.540E-03	8.609E-03	1.579E-03	4.677E-03	6.800E-04	4.257E-03	7.545E-04	5.747E-01	2.089E-02	7.880E-03
131	4.955E-02	9.290E-02	1.017E-02	3.677E-02	7.915E-03	1.782E-03	6.859E-03	8.202E-04	4.612E-03	1.041E-03	3.161E-03	4.224E-04	2.412E-03	4.515E-04	4.727E-01	1.241E-02	5.458E-03
132	1.089E-01	2.165E-01	2.586E-02	9.403E-02	1.698E-02	3.827E-03	1.902E-02	2.446E-03	1.344E-02	2.637E-03	7.414E-03	1.168E-03	7.723E-03	1.096E-03	7.700E-01	3.310E-02	1.184E-02
133	1.581E-01	2.809E-01	3.072E-02	1.179E-01	2.301E-02	4.913E-03	2.377E-02	3.161E-03	1.549E-02	3.352E-03	9.575E-03	1.337E-03	9.275E-03	1.351E-03	1.240E+00	3.424E-02	1.287E-02
134	2.497E-01	4.847E-01	5.367E-02	2.026E-01	4.061E-02	8.427E-03	3.908E-02	5.093E-03	2.657E-02	5.329E-03	1.580E-02	2.097E-03	1.496E-02	2.286E-03	6.817E-01	5.781E-02	2.232E-02
135	5.562E-02	1.073E-01	1.173E-02	4.283E-02	7.050E-03	1.711E-03	8.109E-03	1.029E-03	5.604E-03	1.173E-03	3.564E-03	4.812E-04	3.060E-03	5.227E-04	3.372E-01	1.628E-02	6.426E-03
136	3.372E-02	5.738E-02	6.314E-03	2.325E-02	4.219E-03	1.243E-03	4.724E-03	6.342E-04	3.471E-03	7.382E-04	2.045E-03	2.828E-04	1.778E-03	2.789E-04	4.348E-01	7.384E-03	3.672E-03
137	8.245E-02	1.415E-01	1.556E-02	5.985E-02	1.121E-02	2.629E-03	1.101E-02	1.638E-03	7.745E-03	1.475E-03	4.740E-03	5.978E-04	4.337E-03	6.888E-04	8.853E-01	1.799E-02	7.559E-03
138	5.733E-02	1.058E-01	1.121E-02	4.316E-02	7.260E-03	1.732E-03	8.007E-03	1.111E-03	6.105E-03	1.097E-03	3.268E-03	5.283E-04	3.219E-03	4.877E-04	6.448E-01	1.351E-02	6.019E-03
139	3.049E-02	5.019E-02	5.459E-03	1.921E-02	3.039E-03	6.996E-04	3.764E-03	4.184E-04	2.019E-03	4.440E-04	1.455E-03	1.973E-04	1.321E-03	2.502E-04	3.163E-01	5.252E-03	3.106E-03
140	3.108E-02	4.913E-02	5.479E-03	2.052E-02	3.863E-03	7.928E-04	4.295E-03	5.135E-04	2.591E-03	4.687E-04	1.474E-03	2.230E-04	1.426E-03	2.588E-04	2.772E-01	5.423E-03	3.726E-03
141	8.421E-02	1.635E-01	1.876E-02	6.957E-02	1.408E-02	2.652E-03	1.366E-02	1.897E-03	9.315E-03	1.827E-03	4.930E-03	7.138E-04	4.405E-03	6.765E-04	3.550E-01	1.988E-02	6.748E-03
142	9.490E-02	1.882E-01	2.162E-02	8.035E-02	1.632E-02	3.036E-03	1.485E-02	2.045E-03	1.120E-02	2.147E-03	5.835E-03	8.883E-04	5.678E-03	8.172E-04	2.865E-01	2.350E-02	7.308E-03
143	4.498E-02	7.203E-02	8.141E-03	2.844E-02	5.208E-03	1.217E-03	5.903E-03	7.528E-04	4.074E-03	7.964E-04	2.552E-03	3.529E-04	2.583E-03	3.857E-04	7.856E-01	9.759E-03	5.034E-03
144	1.289E-01	1.972E-01	2.249E-02	8.358E-02	1.612E-02	3.720E-03	1.649E-02	2.091E-03	1.106E-02	2.079E-03	6.318E-03	8.246E-04	5.895E-03	8.449E-04	9.072E-01	2.454E-02	8.911E-03
145	3.490E-02	5.535E-02	6.351E-03	2.317E-02	4.653E-03	8.592E-04	4.525E-03	6.157E-04	3.097E-03	5.864E-04	1.538E-03	2.752E-04	1.662E-03	2.568E-04	3.400E-01	7.201E-03	3.008E-03
146	2.204E-02	3.569E-02	4.110E-03	1.482E-02	3.166E-03	5.718E-04	2.632E-03	3.578E-04	1.954E-03	3.246E-04	9.946E-04	1.350E-04	8.631E-04	1.476E-04	9.060E-02	3.411E-03	2.167E-03
147	7.849E-02	1.377E-01	1.663E-02	6.263E-02	1.263E-02	2.158E-03	1.079E-02	1.612E-03	9.078E-03	1.561E-03	4.397E-03	6.526E-04	4.091E-03	6.926E-04	3.880E-01	1.722E-02	6.640E-03
148	2.169E-02	3.667E-02	4.295E-03	1.501E-02	3.108E-03	6.946E-04	3.311E-03	3.839E-04	2.070E-03	3.150E-04	1.034E-03	1.542E-04	1.261E-03	1.596E-04	4.549E-01	3.760E-03	2.753E-03
149	1.478E-01	2.824E-01	3.296E-02	1.223E-01	2.325E-02	5.569E-03	2.347E-02	3.256E-03	1.663E-02	3.286E-03	9.320E-03	1.298E-03	8.818E-03	1.378E-03	4.454E-01	3.527E-02	1.156E-02
150	1.805E+00	3.577E+00	3.985E-01	1.510E+00	2.802E-01	6.488E-02	3.044E-01	3.807E-02	2.022E-01	3.912E-02	1.160E-01	1.635E-02	1.059E-01	1.602E-02	2.396E+00	4.198E-01	1.080E-01
151	8.323E-01	1.563E+00	1.777E-01	6.593E-01	1.226E-01	2.778E-02	1.311E-01	1.646E-02	8.759E-02	1.665E-02	4.799E-02	7.066E-03	4.200E-02	6.631E-03	2.610E+00	1.764E-01	4.971E-02
152	7.731E-01	1.487E+00	1.675E-01	6.253E-01	1.246E-01	2.741E-02	1.279E-01	1.656E-02	8.868E-02	1.652E-02	4.830E-02	6.957E-03	4.711E-02	6.598E-03	1.652E+00	1.699E-01	5.077E-02
153	1.193E-01	2.291E-01	2.626E-02	9.598E-02	1.825E-02	3.761E-03	2.044E-02	2.703E-03	1.542E-02	2.901E-03	8.535E-03	1.338E-03	8.768E-03	1.268E-03	2.451E-01	2.602E-02	8.539E-03
154	1.518E-01	2.889E-01	3.361E-02	1.224E-01	2.362E-02	5.390E-03	2.034E-02	2.955E-03	1.676E-02	2.653E-03	8.937E-03	1.307E-03	8.189E-03	1.173E-03	3.401E-01	3.158E-02	1.058E-02