Soil data

	A	B	C	D	E	F	G	H	I	J
1	**Wetland_Name**	**Wetland_type**	**Impairment_Category**	**Wetland_Code**	**Wetland_number**	**Sampling_Depth**	**Sampling_Transect**	**Sampling_Event**	**Sample Code**	**Al_g_Kg**
2	Arroyo	PE	NI	06-SE1-S-A-D1	6	1	A	1	6-1	5.56
3	Arroyo	PE	NI	06-SE1-S-A-D2	6	1	A	1	6-1	4.31
4	Arroyo	PE	NI	06-SE1-S-A-D3	6	2	A	1	6-2	10.05
5	Arroyo	PE	NI	06-SE1-S-A-D3	6	2	A	1	6-2	11.09
6	Arroyo	PE	NI	06-SE1-S-B-D1	6	1	B	1	6-1	5.12
7	Arroyo	PE	NI	06-SE1-S-B-D2	6	1	B	1	6-1	4.64
8	Arroyo	PE	NI	06-SE1-S-B-D3	6	2	B	1	6-2	9.55
9	Arroyo	PE	NI	06-SE1-S-B-D3	6	2	B	1	6-2	8.67
10	Arroyo	PE	NI	06-SE1-S-C-D1	6	1	C	1	6-1	3.95
11	Arroyo	PE	NI	06-SE1-S-C-D2	6	1	C	1	6-1	5.97
12	Arroyo	PE	NI	06-SE1-S-C-D3	6	2	C	1	6-2	9.65
13	Arroyo	PE	NI	06-SE1-S-C-D3	6	2	C	1	6-2	9.93
14	Arroyo	PE	NI	06-SE1-S-D-D1	6	1	D	1	6-1	3.62
15	Arroyo	PE	NI	06-SE1-S-D-D2	6	1	D	1	6-1	3.56
16	Arroyo	PE	NI	06-SE1-S-D-D3	6	2	D	1	6-2	10.33
17	Arroyo	PE	NI	06-SE1-S-D-D3	6	2	D	1	6-2	12.00
18	Arroyo	PE	NI	06-SE2-S-A-D1	6	1	A	2	6-1	2.61
19	Arroyo	PE	NI	06-SE2-S-A-D2	6	1	A	2	6-1	6.98
20	Arroyo	PE	NI	06-SE2-S-A-D3	6	2	A	2	6-2	13.37
21	Arroyo	PE	NI	06-SE2-S-B-D1	6	1	B	2	6-1	3.09
22	Arroyo	PE	NI	06-SE2-S-B-D2	6	1	B	2	6-1	11.59
23	Arroyo	PE	NI	06-SE2-S-B-D3	6	2	B	2	6-2	11.98
24	Arroyo	PE	NI	06-SE2-S-C-D1	6	1	C	2	6-1	2.88
25	Arroyo	PE	NI	06-SE2-S-C-D2	6	1	C	2	6-1	3.78
26	Arroyo	PE	NI	06-SE2-S-C-D3	6	2	C	2	6-2	11.92
27	Arroyo	PE	NI	06-SE2-S-D-D1	6	1	D	2	6-1	3.03
28	Arroyo	PE	NI	06-SE2-S-D-D2	6	1	D	2	6-1	8.73
29	Arroyo	PE	NI	06-SE2-S-D-D3	6	2	D	2	6-2	12.29
30	Arroyo	PE	NI	06-SE3-S-A-D1	6	1	A	3	6-1	2.88
31	Arroyo	PE	NI	06-SE3-S-A-D3	6	2	A	3	6-2	6.66
32	Arroyo	PE	NI	06-SE3-S-B-D1	6	1	B	3	6-1	0.98
33	Arroyo	PE	NI	06-SE3-S-B-D3	6	2	B	3	6-2	6.77
34	Arroyo	PE	NI	06-SE3-S-C-D1	6	1	C	3	6-1	1.61
35	Arroyo	PE	NI	06-SE3-S-C-D3	6	2	C	3	6-2	6.48
36	Arroyo	PE	NI	06-SE3-S-D-D1	6	1	D	3	6-1	1.40
37	Arroyo	PE	NI	06-SE3-S-D-D3	6	2	D	3	6-2	7.06
38	Arroyo	PE	NI	06-SE4-S-A-D1	6	1	A	4	6-1	3.27
39	Arroyo	PE	NI	06-SE4-S-A-D3	6	2	A	4	6-2	6.25
40	Arroyo	PE	NI	06-SE4-S-B-D1	6	1	B	4	6-1	4.69
41	Arroyo	PE	NI	06-SE4-S-B-D3	6	2	B	4	6-2	5.80
42	Arroyo	PE	NI	06-SE4-S-C-D1	6	1	C	4	6-1	2.70
43	Arroyo	PE	NI	06-SE4-S-C-D3	6	2	C	4	6-2	6.15
44	Arroyo	PE	NI	06-SE4-S-D-D1	6	1	D	4	6-1	1.95
45	Arroyo	PE	NI	06-SE4-S-D-D3	6	2	D	4	6-2	7.10
46	Canovanas	PFO	I	10-SE1-S-A-D1	10	1	A	1	10-1	17.90
47	Canovanas	PFO	I	10-SE1-S-A-D2	10	2	A	1	10-2	27.99
48	Canovanas	PFO	I	10-SE1-S-A-D3	10	3	A	1	10-3	25.64
49	Canovanas	PFO	I	10-SE1-S-B-D1	10	1	B	1	10-1	26.34
50	Canovanas	PFO	I	10-SE1-S-B-D2	10	2	B	1	10-2	24.12
51	Canovanas	PFO	I	10-SE1-S-B-D3	10	3	B	1	10-3	24.25
52	Canovanas	PFO	I	10-SE1-S-C-D1	10	1	C	1	10-1	21.41
53	Canovanas	PFO	I	10-SE1-S-C-D2	10	2	C	1	10-2	16.82
54	Canovanas	PFO	I	10-SE1-S-C-D3	10	3	C	1	10-3	18.47
55	Canovanas	PFO	I	10-SE1-S-D-D1	10	1	D	1	10-1	27.59
56	Canovanas	PFO	I	10-SE1-S-D-D2	10	2	D	1	10-2	31.87
57	Canovanas	PFO	I	10-SE1-S-D-D3	10	3	D	1	10-3	21.00
58	**Canovanas**	PFO	I	10-SE2-S-A-D1	10	**1**	**A**	2	10-1	36.57
59	**Canovanas**	PFO	I	10-SE2-S-A-D2	10	**2**	**A**	2	10-2	38.96
60	**Canovanas**	PFO	I	10-SE2-S-B-D1	10	**1**	**B**	2	10-1	38.95

Soil data

	A	B	C	D	E	F	G	H	I	J
61	**Canovanas**	PFO	I	10-SE2-S-B-D2	10	**2**	**B**	2	10-2	30.63
62	**Canovanas**	PFO	I	10-SE2-S-C-D1	10	**1**	**C**	2	10-1	34.32
63	**Canovanas**	PFO	I	10-SE2-S-C-D2	10	**2**	**C**	2	10-2	30.45
64	**Canovanas**	PFO	I	10-SE2-S-D-D1	10	**1**	**D**	2	10-1	45.26
65	**Canovanas**	PFO	I	10-SE2-S-D-D2	10	**2**	**D**	2	10-2	38.09
66	Canovanas	PFO	I	10-SE3-S-A-D1	10	1	A	3	10-1	31.23
67	Canovanas	PFO	I	10-SE3-S-A-D2	10	2	A	3	10-2	26.12
68	Canovanas	PFO	I	10-SE3-S-B-D1	10	1	B	3	10-1	30.05
69	Canovanas	PFO	I	10-SE3-S-B-D2	10	2	B	3	10-2	32.76
70	Canovanas	PFO	I	10-SE3-S-C-D1	10	1	C	3	10-1	31.27
71	Canovanas	PFO	I	10-SE3-S-C-D2	10	2	C	3	10-2	18.91
72	Canovanas	PFO	I	10-SE3-S-D-D1	10	1	D	3	10-1	37.07
73	Canovanas	PFO	I	10-SE3-S-D-D2	10	2	D	3	10-2	37.34
74	**Canovanas**	PFO	I	10-SE4-S-A-D1-M	10	**1**	**A**	4	10-1	28.51
75	**Canovanas**	PFO	I	10-SE4-S-A-D2-M	10	**2**	**A**	4	10-2	30.35
76	**Canovanas**	PFO	I	10-SE4-S-B-D1-M	10	**1**	**B**	4	10-1	36.16
77	**Canovanas**	PFO	I	10-SE4-S-B-D2-M	10	**2**	**B**	4	10-2	36.70
78	**Canovanas**	PFO	I	10-SE4-S-C-D1-M	10	**1**	**C**	4	10-1	29.58
79	**Canovanas**	PFO	I	10-SE4-S-C-D2-M	10	**2**	**C**	4	10-2	27.98
80	**Canovanas**	PFO	I	10-SE4-S-D-D1-M	10	**1**	**D**	4	10-1	32.08
81	**Canovanas**	PFO	I	10-SE4-S-D-D2-M	10	**2**	**D**	4	10-2	37.25
82	**Control Humacao**	PE	I	09-	17	**2**		2	17-2	29.77
83	**Control Humacao**	PE	I	09-	17	**2**		2	17-2	27.06
84	**Control Humacao**	PE	I	09-	17	**2**		2	17-2	26.90
85	Control Loiza	PFO	NI	03-SE2-S-A-D2	15	2		2	15-2	14.81
86	Control Loiza	PFO	NI	03-SE2-S-A-D2	15	2		2	15-2	13.90
87	Control Loiza	PFO	NI	03-SE2-S-A-D2	15	2		2	15-2	21.55
88	Control Manati	PE	NI	02-SE1-S-C-D3	13	3	C	1	13-3	46.04
89	Control Manati	PE	NI	02-SE1-S-C-D3	13	3	C	1	13-3	47.57
90	Control Manati	PE	NI	02-SE1-S-C-D3	13	3	C	1	13-3	46.50
91	Control Manati	PE	NI	02-SE2-S-B-D2	14	2	B	1	14-2	17.23
92	Control Manati	PE	NI	02-SE2-S-B-D2	14	2	B	1	14-2	21.36
93	Control Manati	PE	NI	02-SE2-S-B-D2	14	2	B	1	14-2	19.50
94	Control Manati	PE	NI	02-SE2-S-B-D2	14	**2**	**B**	1	14-2	35.90
95	Control Manati	PE	NI	02-SE2-S-B-D2	14	**2**	**B**	1	14-2	33.32
96	Control Manati	PE	NI	02-SE2-S-B-D2	14	**2**	**B**	1	14-2	37.50
97	Control Manati	PE	NI	02-SE2-S-B-D2	14	2	B	1	14-2	31.54
98	Control Manati	PE	NI	02-SE2-S-B-D2	14	2	B	1	14-2	31.76
99	Control Manati	PE	NI	02-SE2-S-B-D2	14	2	B	1	14-2	31.83
100	Control Manati	PE	NI	02-SE2-S-B-D2	14	2	B	1	14-2	29.12
101	Control Manati	PE	NI	02-SE2-S-B-D2	14	2	B	1	14-2	31.02
102	Control Manati	PE	NI	02-SE2-S-B-D2	14	2	B	1	14-2	32.78
103	Control Manati	PE	NI	02-SE2-S-A-D2	16	2	A	2	16-2	42.48
104	Control Manati	PE	NI	02-SE2-S-A-D2	16	2	A	2	16-2	42.88
105	Control Manati	PE	NI	02-SE2-S-A-D2	16	2	A	2	16-2	41.51
106	Humacao	PFO	NI	05-SE1-S-A-D1	5	1	A	1	5-1	35.53
107	Humacao	PFO	NI	05-SE1-S-A-D2	5	2	A	1	5-2	50.38
108	Humacao	PFO	NI	05-SE1-S-B-D1	5	1	B	1	5-1	28.70
109	Humacao	PFO	NI	05-SE1-S-B-D2	5	2	B	1	5-2	37.84
110	Humacao	PFO	NI	05-SE1-S-B-D3	5	3	B	1	5-3	57.36
111	Humacao	PFO	NI	05-SE1-S-C-D1	5	1	C	1	5-1	28.64
112	Humacao	PFO	NI	05-SE1-S-C-D2	5	2	C	1	5-2	50.72
113	Humacao	PFO	NI	05-SE1-S-D-D1	5	1	D	1	5-1	25.92
114	Humacao	PFO	NI	05-SE1-S-D-D2	5	2	D	1	5-2	32.84
115	Humacao	PFO	NI	05-SE1-S-D-D3	5	3	D	1	5-3	37.29
116	Humacao	PFO	NI	05-SE2-S-A-D1	5	1	A	2	5-1	36.40
117	Humacao	PFO	NI	05-SE2-S-A-D2	5	2	A	2	5-2	45.53
118	Humacao	PFO	NI	05-SE2-S-B-D1	5	1	B	2	5-1	39.33
119	Humacao	PFO	NI	05-SE2-S-B-D2	5	2	B	2	5-2	53.02
120	Humacao	PFO	NI	05-SE2-S-C-D1	5	1	C	2	5-1	21.86

Soil data

	A	B	C	D	E	F	G	H	I	J
121	Humacao	PFO	NI	05-SE2-S-C-D2	5	2	C	2	5-2	55.19
122	Humacao	PFO	NI	05-SE2-S-D-D1	5	1	D	2	5-1	34.55
123	Humacao	PFO	NI	05-SE2-S-D-D2	5	2	D	2	5-2	52.43
124	Humacao	PFO	NI	05-SE3-S-A-D1	5	1	A	3	5-1	20.38
125	Humacao	PFO	NI	05-SE3-S-A-D2	5	2	A	3	5-2	26.87
126	Humacao	PFO	NI	05-SE3-S-B-D1	5	1	B	3	5-1	22.13
127	Humacao	PFO	NI	05-SE3-S-B-D2	5	2	B	3	5-2	12.22
128	Humacao	PFO	NI	05-SE3-S-B-D3	5	3	B	3	5-3	29.49
129	Humacao	PFO	NI	05-SE3-S-C-D1	5	1	C	3	5-1	19.51
130	Humacao	PFO	NI	05-SE3-S-C-D2	5	2	C	3	5-2	30.50
131	Humacao	PFO	NI	05-SE3-S-D-D1	5	1	D	3	5-1	23.66
132	Humacao	PFO	NI	05-SE3-S-D-D2	5	2	D	3	5-2	30.66
133	Humacao	PFO	NI	05-SE4-S-A-D1	5	1	A	4	5-1	28.61
134	Humacao	PFO	NI	05-SE4-S-A-D2	5	2	A	4	5-2	38.50
135	Humacao	PFO	NI	05-SE4-S-B-D1	5	1	B	4	5-1	17.12
136	Humacao	PFO	NI	05-SE4-S-B-D2	5	2	B	4	5-2	36.78
137	Humacao	PFO	NI	05-SE4-S-C-D1	5	1	C	4	5-1	26.15
138	Humacao	PFO	NI	05-SE4-S-C-D2	5	2	C	4	5-2	37.17
139	Humacao	PFO	NI	05-SE4-S-D-D1	5	1	D	4	5-1	23.76
140	Humacao	PFO	NI	05-SE4-S-D-D2	5	2	D	4	5-2	36.04
141	Humacao	PE	I	09-SE1-S-A-D1	9	1	A	1	9-1	11.16
142	Humacao	PE	I	09-SE1-S-A-D2	9	2	A	1	9-2	19.50
143	Humacao	PE	I	09-SE1-S-B-D1	9	1	B	1	9-1	12.95
144	Humacao	PE	I	09-SE1-S-B-D2	9	2	B	1	9-2	25.46
145	Humacao	PE	I	09-SE1-S-C-D1	9	1	C	1	9-1	8.15
146	Humacao	PE	I	09-SE1-S-C-D2	9	2	C	1	9-2	18.66
147	Humacao	PE	I	09-SE1-S-D-D1	9	1	D	1	9-1	11.77
148	Humacao	PE	I	09-SE1-S-D-D2	9	2	D	1	9-2	16.35
149	**Humacao**	PE	I	09-SE2-S-A-D1	9	**1**	**A**	2	9-1	27.92
150	**Humacao**	PE	I	09-SE2-S-A-D2	9	**2**	**A**	2	9-2	33.06
151	**Humacao**	PE	I	09-SE2-S-B-D1	9	**1**	**B**	2	9-1	29.61
152	**Humacao**	PE	I	09-SE2-S-B-D2	9	**2**	**B**	2	9-2	33.98
153	**Humacao**	PE	I	09-SE2-S-C-D1	9	**1**	**C**	2	9-1	23.53
154	**Humacao**	PE	I	09-SE2-S-C-D2	9	**2**	**C**	2	9-2	28.78
155	**Humacao**	PE	I	09-SE2-S-D-D1	9	**1**	**D**	2	9-1	23.21
156	**Humacao**	PE	I	09-SE2-S-D-D2	9	**2**	**D**	2	9-2	30.19
157	Humacao	PE	I	09-SE3-S-A-D1	9	1	A	3	9-1	21.25
158	Humacao	PE	I	09-SE3-S-A-D2	9	2	A	3	9-2	24.68
159	Humacao	PE	I	09-SE3-S-B-D1	9	1	B	3	9-1	28.09
160	Humacao	PE	I	09-SE3-S-B-D2	9	2	B	3	9-2	33.58
161	Humacao	PE	I	09-SE3-S-C-D1	9	1	C	3	9-1	19.72
162	Humacao	PE	I	09-SE3-S-C-D2	9	2	C	3	9-2	26.62
163	Humacao	PE	I	09-SE3-S-D-D1	9	1	D	3	9-1	21.90
164	Humacao	PE	I	09-SE3-S-D-D2	9	2	D	3	9-2	27.39
165	**Humacao**	PE	I	09-SE4-S-A-D1-M	9	**1**	**A**	4	9-1	22.10
166	**Humacao**	PE	I	09-SE4-S-A-D2-M	9	**2**	**A**	4	9-2	30.28
167	**Humacao**	PE	I	09-SE4-S-B-D1-M	9	**1**	**B**	4	9-1	24.80
168	**Humacao**	PE	I	09-SE4-S-B-D2-M	9	**2**	**B**	4	9-2	32.23
169	**Humacao**	PE	I	09-SE4-S-C-D1-M	9	**1**	**C**	4	9-1	21.45
170	**Humacao**	PE	I	09-SE4-S-C-D2-M	9	**2**	**C**	4	9-2	26.46
171	**Humacao**	PE	I	09-SE4-S-D-D1-M	9	**1**	**D**	4	9-1	17.30
172	**Humacao**	PE	I	09-SE4-S-D-D2-M	9	**2**	**D**	4	9-2	28.45
173	Lajas	PE	I	12-SE1-S-A-D1	12	1	A	1	12-1	28.42
174	Lajas	PE	I	12-SE1-S-A-D2	12	2	A	1	12-2	25.12
175	Lajas	PE	I	12-SE1-S-A-D3	12	3	A	1	12-3	30.48
176	Lajas	PE	I	12-SE1-S-B-D1	12	1	B	1	12-1	19.17

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	A	B	C	D	E	F	G	H	I	J
177	Lajas	PE	I	12-SE1-S-B-D2	12	2	B	1	12-2	27.89
178	Lajas	PE	I	12-SE1-S-B-D3	12	3	B	1	12-3	28.89
179	Lajas	PE	I	12-SE1-S-C-D1	12	1	C	1	12-1	17.85
180	Lajas	PE	I	12-SE1-S-C-D2	12	2	C	1	12-2	24.57
181	Lajas	PE	I	12-SE1-S-C-D3	12	3	C	1	12-3	21.40
182	Lajas	PE	I	12-SE1-S-D-D1	12	1	D	1	12-1	19.49
183	Lajas	PE	I	12-SE1-S-D-D2	12	2	D	1	12-2	22.20
184	Lajas	PE	I	12-SE1-S-D-D3	12	3	D	1	12-3	20.79
185	**Lajas**	PE	I	12-SE2-S-A-D1	12	**1**	**A**	2	12-1	37.32
186	**Lajas**	PE	I	12-SE2-S-A-D2	12	**2**	**A**	2	12-2	36.00
187	**Lajas**	PE	I	12-SE2-S-A-D3	12	**3**	**A**	2	12-3	42.39
188	**Lajas**	PE	I	12-SE2-S-B-D1	12	**1**	**B**	2	12-1	31.23
189	**Lajas**	PE	I	12-SE2-S-B-D2	12	**2**	**B**	2	12-2	38.74
190	**Lajas**	PE	I	12-SE2-S-B-D3	12	**3**	**B**	2	12-3	40.79
191	**Lajas**	PE	I	12-SE2-S-C-D1	12	**1**	**C**	2	12-1	34.37
192	**Lajas**	PE	I	12-SE2-S-C-D2	12	**2**	**C**	2	12-2	34.05
193	**Lajas**	PE	I	12-SE2-S-C-D3	12	**3**	**C**	2	12-3	38.09
194	**Lajas**	PE	I	12-SE2-S-D-D1	12	**1**	**D**	2	12-1	34.60
195	**Lajas**	PE	I	12-SE2-S-D-D2	12	**2**	**D**	2	12-2	35.82
196	**Lajas**	PE	I	12-SE2-S-D-D3	12	**3**	**D**	2	12-3	41.57
197	**Lajas**	PE	I	12-SE3-S-A-D1	12	**1**	**A**	3	12-1	34.25
198	**Lajas**	PE	I	12-SE3-S-A-D2	12	**2**	**A**	3	12-2	38.94
199	**Lajas**	PE	I	12-SE3-S-B-D1	12	**1**	**B**	3	12-1	36.67
200	**Lajas**	PE	I	12-SE3-S-B-D2	12	**2**	**B**	3	12-2	43.02
201	**Lajas**	PE	I	12-SE3-S-C-D1	12	**1**	**C**	3	12-1	36.21
202	**Lajas**	PE	I	12-SE3-S-C-D2	12	**2**	**C**	3	12-2	38.58
203	**Lajas**	PE	I	12-SE3-S-D-D1	12	**1**	**D**	3	12-1	38.48
204	**Lajas**	PE	I	12-SE3-S-D-D2	12	**2**	**D**	3	12-2	36.40
205	**Lajas**	PE	I	12-SE4-S-A-D1	12	**1**	**A**	4	12-1	28.95
206	**Lajas**	PE	I	12-SE4-S-A-D2	12	**2**	**A**	4	12-2	33.39
207	**Lajas**	PE	I	12-SE4-S-B-D1	12	**1**	**B**	4	12-1	28.71
208	**Lajas**	PE	I	12-SE4-S-B-D2	12	**2**	**B**	4	12-2	28.27
209	**Lajas**	PE	I	12-SE4-S-C-D1	12	**1**	**C**	4	12-1	24.99
210	**Lajas**	PE	I	12-SE4-S-C-D2	12	**2**	**C**	4	12-2	26.90
211	**Lajas**	PE	I	12-SE4-S-D-D1	12	**1**	**D**	4	12-1	27.69
212	**Lajas**	PE	I	12-SE4-S-D-D2	12	**2**	**D**	4	12-2	30.49
213	Loiza	PFO	NI	03-SE1-S-A-D1	3	1	A	1	3-1	16.62
214	Loiza	PFO	NI	03-SE1-S-A-D2	3	2	A	1	3-2	36.16
215	Loiza	PFO	NI	03-SE1-S-B-D1	3	1	B	1	3-1	35.46
216	Loiza	PFO	NI	03-SE1-S-B-D2	3	2	B	1	3-2	29.90
217	Loiza	PFO	NI	03-SE1-S-B-D3	3	3	B	1	3-3	29.85
218	Loiza	PFO	NI	03-SE1-S-C-D1	3	1	C	1	3-1	7.96
219	Loiza	PFO	NI	03-SE1-S-C-D2	3	2	C	1	3-2	18.99
220	Loiza	PFO	NI	03-SE1-S-C-D3	3	3	C	1	3-3	36.39
221	Loiza	PFO	NI	03-SE1-S-D-D1	3	1	D	1	3-1	25.68
222	Loiza	PFO	NI	03-SE1-S-D-D2	3	2	D	1	3-2	32.71
223	Loiza	PFO	NI	03-SE1-S-D-D3	3	3	D	1	3-3	29.22
224	Loiza	PFO	NI	03-SE2-S-A-D1	3	1	A	2	3-1	11.44
225	Loiza	PFO	NI	03-SE2-S-A-D2	3	2	A	2	3-2	33.11
226	Loiza	PFO	NI	03-SE2-S-A-D3	3	3	A	2	3-3	34.96
227	Loiza	PFO	NI	03-SE2-S-B-D1	3	1	B	2	3-1	20.53
228	Loiza	PFO	NI	03-SE2-S-B-D2	3	2	B	2	3-2	24.37
229	Loiza	PFO	NI	03-SE2-S-B-D3	3	3	B	2	3-3	21.03
230	Loiza	PFO	NI	03-SE2-S-C-D1	3	1	C	2	3-1	11.07
231	Loiza	PFO	NI	03-SE2-S-C-D2	3	2	C	2	3-2	32.89
232	Loiza	PFO	NI	03-SE2-S-C-D3	3	3	C	2	3-3	28.37
233	Loiza	PFO	NI	03-SE2-S-D-D1	3	1	D	2	3-1	31.11

Soil data

	A	B	C	D	E	F	G	H	I	J
234	Loiza	PFO	NI	03-SE2-S-D-D2	3	2	D	2	3-2	29.85
235	Loiza	PFO	NI	03-SE3-S-A-D1	3	1	A	3	3-1	17.78
236	Loiza	PFO	NI	03-SE3-S-A-D2	3	2	A	3	3-2	21.28
237	Loiza	PFO	NI	03-SE3-S-B-D1	3	1	B	3	3-1	13.55
238	Loiza	PFO	NI	03-SE3-S-B-D2	3	2	B	3	3-2	17.39
239	Loiza	PFO	NI	03-SE3-S-C-D1	3	1	C	3	3-1	8.31
240	Loiza	PFO	NI	03-SE3-S-C-D2	3	2	C	3	3-2	18.84
241	Loiza	PFO	NI	03-SE3-S-D-D1	3	1	D	3	3-1	16.82
242	Loiza	PFO	NI	03-SE3-S-D-D2	3	2	D	3	3-2	22.06
243	Loiza	PFO	NI	03-SE4-S-A-D1	3	1	A	4	3-1	19.74
244	Loiza	PFO	NI	03-SE4-S-A-D2	3	2	A	4	3-2	23.71
245	Loiza	PFO	NI	03-SE4-S-B-D1	3	1	B	4	3-1	15.89
246	Loiza	PFO	NI	03-SE4-S-B-D2	3	2	B	4	3-2	22.45
247	Loiza	PFO	NI	03-SE4-S-C-D1	3	1	C	4	3-1	11.75
248	Loiza	PFO	NI	03-SE4-S-C-D2	3	2	C	4	3-2	24.39
249	Loiza	PFO	NI	03-SE4-S-D-D1	3	1	D	4	3-1	22.42
250	Loiza	PFO	NI	03-SE4-S-D-D2	3	2	D	4	3-2	18.59
251	Luquillo	PE	NI	04-SE1-S-A-D1	4	1	A	1	4-1	51.13
252	Luquillo	PE	NI	04-SE1-S-A-D2	4	2	A	1	4-2	47.69
253	Luquillo	PE	NI	04-SE1-S-B-D1	4	1	B	1	4-1	45.25
254	Luquillo	PE	NI	04-SE1-S-B-D2	4	2	B	1	4-2	44.41
255	Luquillo	PE	NI	04-SE1-S-C-D1	4	1	C	1	4-1	45.42
256	Luquillo	PE	NI	04-SE1-S-C-D2	4	2	C	1	4-2	47.65
257	Luquillo	PE	NI	04-SE1-S-D-D1	4	1	D	1	4-1	38.12
258	Luquillo	PE	NI	04-SE1-S-D-D2	4	2	D	1	4-2	50.84
259	Luquillo	PE	NI	04-SE1-S-D-D3	4	3	D	1	4-3	50.09
260	Luquillo	PE	NI	04-SE1-S-D-D4	4	4	D	1	4-4	45.42
261	Luquillo	PE	NI	04-SE2-S-A-D1	4	1	A	2	4-1	56.83
262	Luquillo	PE	NI	04-SE2-S-A-D2	4	2	A	2	4-2	52.80
263	Luquillo	PE	NI	04-SE2-S-B-D1	4	1	B	2	4-1	56.62
264	Luquillo	PE	NI	04-SE2-S-B-D2	4	2	B	2	4-2	53.11
265	Luquillo	PE	NI	04-SE2-S-C-D1	4	1	C	2	4-1	51.58
266	Luquillo	PE	NI	04-SE2-S-C-D2	4	2	C	2	4-2	45.26
267	Luquillo	PE	NI	04-SE2-S-D-D1	4	1	D	2	4-1	32.10
268	Luquillo	PE	NI	04-SE2-S-D-D2	4	2	D	2	4-2	52.59
269	Luquillo	PE	NI	04-SE2-S-D-D3	4	3	D	2	4-3	44.76
270	Luquillo	PE	NI	04-SE3-S-A-D1	4	1	A	3	4-1	29.98
271	Luquillo	PE	NI	04-SE3-S-A-D2	4	2	A	3	4-2	27.20
272	Luquillo	PE	NI	04-SE3-S-B-D1	4	1	B	3	4-1	28.26
273	Luquillo	PE	NI	04-SE3-S-B-D2	4	2	B	3	4-2	25.89
274	Luquillo	PE	NI	04-SE3-S-C-D1	4	1	C	3	4-1	27.50
275	Luquillo	PE	NI	04-SE3-S-C-D2	4	2	C	3	4-2	27.39
276	Luquillo	PE	NI	04-SE3-S-D-D1	4	1	D	3	4-1	23.00
277	Luquillo	PE	NI	04-SE3-S-D-D2	4	2	D	3	4-2	30.29
278	Luquillo	PE	NI	04-SE3-S-D-D3	4	3	D	3	4-3	24.54
279	Luquillo	PE	NI	04-SE4-S-A-D1	4	1	A	4	4-1	20.39
280	Luquillo	PE	NI	04-SE4-S-A-D2	4	2	A	4	4-2	30.73
281	Luquillo	PE	NI	04-SE4-S-A-D3	4	3	A	4	4-3	30.20
282	Luquillo	PE	NI	04-SE4-S-B-D1	4	1	B	4	4-1	21.83
283	Luquillo	PE	NI	04-SE4-S-B-D2	4	2	B	4	4-2	29.61
284	Luquillo	PE	NI	04-SE4-S-B-D3	4	3	B	4	4-3	25.72
285	Luquillo	PE	NI	04-SE4-S-C-D1	4	1	C	4	4-1	19.77
286	Luquillo	PE	NI	04-SE4-S-C-D2	4	2	C	4	4-2	31.34
287	Luquillo	PE	NI	04-SE4-S-C-D3	4	3	C	4	4-3	31.90
288	Luquillo	PE	NI	04-SE4-S-D-D1	4	1	D	4	4-1	29.13
289	Luquillo	PE	NI	04-SE4-S-D-D2	4	2	D	4	4-2	31.73

Soil data

	A	B	C	D	E	F	G	H	I	J
290	Luquillo	PE	NI	04-SE4-S-D-D3	4	3	D	4	4-3	26.61
291	Luquillo	PFO	I	11-SE1-S-A-D1	11	1	A	1	11-1	26.99
292	Luquillo	PFO	I	11-SE1-S-A-D2	11	2	A	1	11-2	27.78
293	Luquillo	PFO	I	11-SE1-S-B-D1	11	1	B	1	11-1	21.96
294	Luquillo	PFO	I	11-SE1-S-B-D2	11	2	B	1	11-2	23.37
295	Luquillo	PFO	I	11-SE1-S-C-D1	11	1	C	1	11-1	30.46
296	Luquillo	PFO	I	11-SE1-S-C-D2	11	2	C	1	11-2	33.46
297	Luquillo	PFO	I	11-SE1-S-D-D1	11	1	D	1	11-1	27.27
298	Luquillo	PFO	I	11-SE1-S-D-D2	11	2	D	1	11-2	35.39
299	**Luquillo**	PFO	I	11-SE2-S-A-D1	11	**1**	**A**	2	11-1	55.15
300	**Luquillo**	PFO	I	11-SE2-S-A-D2	11	**2**	**A**	2	11-2	46.28
301	**Luquillo**	PFO	I	11-SE2-S-B-D1	11	**1**	**B**	2	11-1	45.50
302	**Luquillo**	PFO	I	11-SE2-S-B-D2	11	**2**	**B**	2	11-2	44.12
303	**Luquillo**	PFO	I	11-SE2-S-C-D1	11	**1**	**C**	2	11-1	42.49
304	**Luquillo**	PFO	I	11-SE2-S-C-D2	11	**2**	**C**	2	11-2	41.85
305	**Luquillo**	PFO	I	11-SE2-S-D-D1	11	**1**	**D**	2	11-1	45.80
306	**Luquillo**	PFO	I	11-SE2-S-D-D2	11	**2**	**D**	2	11-2	47.50
307	Luquillo	PFO	I	11-SE3-S-A-D1	11	1	A	3	11-1	45.54
308	Luquillo	PFO	I	11-SE3-S-A-D2	11	2	A	3	11-2	39.23
309	Luquillo	PFO	I	11-SE3-S-B-D1	11	1	B	3	11-1	45.75
310	Luquillo	PFO	I	11-SE3-S-B-D2	11	2	B	3	11-2	40.35
311	Luquillo	PFO	I	11-SE3-S-C-D1	11	1	C	3	11-1	42.77
312	Luquillo	PFO	I	11-SE3-S-C-D2	11	2	C	3	11-2	43.33
313	Luquillo	PFO	I	11-SE3-S-D-D1	11	1	D	3	11-1	43.86
314	Luquillo	PFO	I	11-SE3-S-D-D2	11	2	D	3	11-2	35.53
315	**Luquillo**	PFO	I	11-SE4-S-A-D1-M	11	**1**	**A**	4	11-1	40.46
316	**Luquillo**	PFO	I	11-SE4-S-A-D2-M	11	**2**	**A**	4	11-2	37.34
317	**Luquillo**	PFO	I	11-SE4-S-B-D1-M	11	**1**	**B**	4	11-1	36.62
318	**Luquillo**	PFO	I	11-SE4-S-B-D2-M	11	**2**	**B**	4	11-2	37.02
319	**Luquillo**	PFO	I	11-SE4-S-C-D1-M	11	**1**	**C**	4	11-1	31.34
320	**Luquillo**	PFO	I	11-SE4-S-C-D2-M	11	**2**	**C**	4	11-2	38.33
321	**Luquillo**	PFO	I	11-SE4-S-D-D1-M	11	**1**	**D**	4	11-1	37.21
322	**Luquillo**	PFO	I	11-SE4-S-D-D2-M	11	**2**	**D**	4	11-2	38.47
323	Manati	PE	NI	02-SE1-S-A-D1	2	1	A	1	2-1	4.40
324	Manati	PE	NI	02-SE1-S-A-D2	2	2	A	1	2-2	33.12
325	Manati	PE	NI	02-SE1-S-A-D3	2	3	A	1	2-3	43.89
326	Manati	PE	NI	02-SE1-S-B-D1	2	1	B	1	2-1	17.52
327	Manati	PE	NI	02-SE1-S-B-D2	2	2	B	1	2-2	37.18
328	Manati	PE	NI	02-SE1-S-B-D3	2	3	B	1	2-3	49.85
329	Manati	PE	NI	02-SE1-S-C-D1	2	1	C	1	2-1	12.24
330	Manati	PE	NI	02-SE1-S-C-D2	2	2	C	1	2-2	34.47
331	Manati	PE	NI	02-SE1-S-C-D3	2	3	C	1	2-3	52.32
332	Manati	PE	NI	02-SE1-S-D-D1	2	1	D	1	2-1	8.21
333	Manati	PE	NI	02-SE1-S-D-D2	2	2	D	1	2-2	35.29
334	Manati	PE	NI	02-SE1-S-D-D3	2	3	D	1	2-3	41.43
335	Manati	PE	NI	02-SE2-S-A-D1	2	1	A	2	2-1	5.93
336	Manati	PE	NI	02-SE2-S-A-D2	2	2	A	2	2-2	42.87
337	Manati	PE	NI	02-SE2-S-A-D3	2	3	A	2	2-3	37.36
338	Manati	PE	NI	02-SE2-S-B-D1	2	1	B	2	2-1	15.71
339	Manati	PE	NI	02-SE2-S-B-D2	2	2	B	2	2-2	33.26
340	Manati	PE	NI	02-SE2-S-B-D3	2	3	B	2	2-3	48.97
341	Manati	PE	NI	02-SE2-S-C-D1	2	1	C	2	2-1	4.98
342	Manati	PE	NI	02-SE2-S-C-D2	2	2	C	2	2-2	29.07
343	Manati	PE	NI	02-SE2-S-C-D3	2	3	C	2	2-3	57.25
344	Manati	PE	NI	02-SE2-S-D-D1	2	1	D	2	2-1	23.84
345	Manati	PE	NI	02-SE2-S-D-D2	2	2	D	2	2-2	40.95
346	Manati	PE	NI	02-SE2-S-D-D3	2	3	D	2	2-3	41.52

Soil data

	A	B	C	D	E	F	G	H	I	J
347	Manati	PE	NI	02-SE4-S-A-D1	2	1	A	4	2-1	26.66
348	Manati	PE	NI	02-SE4-S-A-D2	2	2	A	4	2-2	33.80
349	Manati	PE	NI	02-SE4-S-A-D3	2	3	A	4	2-3	37.12
350	Manati	PE	NI	02-SE4-S-B-D1	2	1	B	4	2-1	29.93
351	Manati	PE	NI	02-SE4-S-B-D2	2	2	B	4	2-2	32.86
352	Manati	PE	NI	02-SE4-S-C-D1	2	1	C	4	2-1	20.71
353	Manati	PE	NI	02-SE4-S-C-D2	2	2	C	4	2-2	39.45
354	Manati	PE	NI	02-SE4-S-C-D3	2	3	C	4	2-3	40.91
355	Manati	PE	NI	02-SE4-S-D-D1	2	1	D	4	2-1	20.97
356	Manati	PE	NI	02-SE4-S-D-D2	2	2	D	4	2-2	34.46
357	Manati	PE	NI	02-SE4-S-D-D3	2	3	D	4	2-3	33.98
358	Manati	PE	NI	02-SE3-S-A-D1	2	1	A	3	2-1	5.96
359	Manati	PE	NI	02-SE3-S-A-D2	2	2	A	3	2-2	23.04
360	Manati	PE	NI	02-SE3-S-A-D3	2	3	A	3	2-3	31.86
361	Manati	PE	NI	02-SE3-S-B-D1	2	1	B	3	2-1	21.55
362	Manati	PE	NI	02-SE3-S-B-D2	2	2	B	3	2-2	30.82
363	Manati	PE	NI	02-SE3-S-C-D1	2	1	C	3	2-1	2.06
364	Manati	PE	NI	02-SE3-S-C-D2	2	2	C	3	2-2	20.39
365	Manati	PE	NI	02-SE3-S-C-D3	2	3	C	3	2-3	34.08
366	Manati	PE	NI	02-SE3-S-D-D1	2	1	D	3	2-1	7.46
367	Manati	PE	NI	02-SE3-S-D-D2	2	2	D	3	2-2	18.16
368	Manati	PE	NI	02-SE3-S-D-D3	2	3	D	3	2-3	27.83
369	Rio Grande	PE	I	08-SE1-S-A-D1	8	1	A	1	8-1	30.93
370	Rio Grande	PE	I	08-SE1-S-A-D2	8	2	A	1	8-2	36.58
371	Rio Grande	PE	I	08-SE1-S-B-D1	8	1	B	1	8-1	24.83
372	Rio Grande	PE	I	08-SE1-S-B-D2	8	2	B	1	8-2	34.25
373	Rio Grande	PE	I	08-SE1-S-C-D1	8	1	C	1	8-1	29.15
374	Rio Grande	PE	I	08-SE1-S-C-D2	8	2	C	1	8-2	27.86
375	Rio Grande	PE	I	08-SE1-S-D-D1	8	1	D	1	8-1	25.23
376	Rio Grande	PE	I	08-SE1-S-D-D2	8	2	D	1	8-2	28.79
377	**Rio Grande**	PE	I	08-SE2-S-A-D1	8	**1**	**A**	2	8-1	54.90
378	**Rio Grande**	PE	I	08-SE2-S-A-D2	8	**2**	**A**	2	8-2	54.34
379	**Rio Grande**	PE	I	08-SE2-S-B-D1	8	**1**	**B**	2	8-1	45.72
380	**Rio Grande**	PE	I	08-SE2-S-B-D2	8	**2**	**B**	2	8-2	46.83
381	**Rio Grande**	PE	I	08-SE2-S-C-D1	8	**1**	**C**	2	8-1	47.70
382	**Rio Grande**	PE	I	08-SE2-S-C-D2	8	**2**	**C**	2	8-2	52.09
383	**Rio Grande**	PE	I	08-SE2-S-D-D1	8	**1**	**D**	2	8-1	44.67
384	**Rio Grande**	PE	I	08-SE2-S-D-D2	8	**2**	**D**	2	8-2	43.85
385	Rio Grande	PE	I	08-SE3-S-A-D1	8	1	A	3	8-1	45.54
386	Rio Grande	PE	I	08-SE3-S-A-D2	8	2	A	3	8-2	57.19
387	Rio Grande	PE	I	08-SE3-S-B-D1	8	1	B	3	8-1	44.67
388	Rio Grande	PE	I	08-SE3-S-B-D2	8	2	B	3	8-2	42.93
389	Rio Grande	PE	I	08-SE3-S-C-D1	8	1	C	3	8-1	36.48
390	Rio Grande	PE	I	08-SE3-S-C-D2	8	2	C	3	8-2	55.08
391	Rio Grande	PE	I	08-SE3-S-D-D1	8	1	D	3	8-1	35.57
392	Rio Grande	PE	I	08-SE3-S-D-D2	8	2	D	3	8-2	53.77
393	**Rio Grande**	PE	I	08-SE4-S-A-D1-M	8	**1**	**A**	4	8-1	42.47
394	**Rio Grande**	PE	I	08-SE4-S-A-D2-M	8	**2**	**A**	4	8-2	41.34
395	**Rio Grande**	PE	I	08-SE4-S-B-D1-M	8	**1**	**B**	4	8-1	32.32
396	**Rio Grande**	PE	I	08-SE4-S-B-D2-M	8	**2**	**B**	4	8-2	42.57
397	**Rio Grande**	PE	I	08-SE4-S-C-D1-M	8	**1**	**C**	4	8-1	36.03
398	**Rio Grande**	PE	I	08-SE4-S-C-D2-M	8	**2**	**C**	4	8-2	43.36
399	**Rio Grande**	PE	I	08-SE4-S-D-D1-M	8	**1**	**D**	4	8-1	43.50
400	**Rio Grande**	PE	I	08-SE4-S-D-D2-M	8	**2**	**D**	4	8-2	45.59
401	**Tortuguero**	PFO	I	07-SE1-S-A-D1	7	1	A	1	7-1	3.12
402	**Tortuguero**	PFO	I	07-SE1-S-A-D2	7	2	A	1	7-2	3.17
403	**Tortuguero**	PFO	I	07-SE1-S-B-D1	7	1	B	1	7-1	4.46
404	**Tortuguero**	PFO	I	07-SE1-S-B-D2	7	2	B	1	7-2	4.74
405	**Tortuguero**	PFO	I	07-SE1-S-C-D1	7	1	C	1	7-1	4.33
406	**Tortuguero**	PFO	I	07-SE1-S-C-D2	7	2	C	1	7-2	4.87

Soil data

	A	B	C	D	E	F	G	H	I	J
407	**Tortuguero**	PFO	I	07-SE1-S-D-D1	7	1	D	1	7-1	5.73
408	**Tortuguero**	PFO	I	07-SE1-S-D-D2	7	2	D	1	7-2	7.25
409	**Tortuguero**	PFO	I	07-SE2-S-A-D1	7	**1**	**A**	2	7-1	3.67
410	**Tortuguero**	PFO	I	07-SE2-S-A-D2	7	**2**	**A**	2	7-2	1.19
411	**Tortuguero**	PFO	I	07-SE2-S-B-D1	7	**1**	**B**	2	7-1	6.87
412	**Tortuguero**	PFO	I	07-SE2-S-B-D2	7	**2**	**B**	2	7-2	6.38
413	**Tortuguero**	PFO	I	07-SE2-S-C-D1	7	**1**	**C**	2	7-1	9.66
414	**Tortuguero**	PFO	I	07-SE2-S-C-D2	7	**2**	**C**	2	7-2	6.64
415	**Tortuguero**	PFO	I	07-SE2-S-D-D1	7	**1**	**D**	2	7-1	8.69
416	**Tortuguero**	PFO	I	07-SE2-S-D-D2	7	**2**	**D**	2	7-2	7.37
417	**Tortuguero**	PFO	I	07-SE3-S-A-D1	7	1	A	3	7-1	7.24
418	**Tortuguero**	PFO	I	07-SE3-S-A-D2	7	2	A	3	7-2	2.34
419	**Tortuguero**	PFO	I	07-SE3-S-B-D1	7	1	B	3	7-1	5.15
420	**Tortuguero**	PFO	I	07-SE3-S-B-D2	7	2	B	3	7-2	6.99
421	**Tortuguero**	PFO	I	07-SE3-S-C-D1	7	1	C	3	7-1	5.44
422	**Tortuguero**	PFO	I	07-SE3-S-C-D2	7	2	C	3	7-2	4.71
423	**Tortuguero**	PFO	I	07-SE3-S-D-D1	7	1	D	3	7-1	6.92
424	**Tortuguero**	PFO	I	07-SE3-S-D-D2	7	2	D	3	7-2	4.60
425	**Tortuguero**	PFO	I	07-SE4-S-A-D1-M	7	**1**	**A**	4	7-1	5.53
426	**Tortuguero**	PFO	I	07-SE4-S-A-D2-M	7	**2**	**A**	4	7-2	3.57
427	**Tortuguero**	PFO	I	07-SE4-S-B-D1-M	7	**1**	**B**	4	7-1	4.84
428	**Tortuguero**	PFO	I	07-SE4-S-B-D2-M	7	**2**	**B**	4	7-2	5.15
429	**Tortuguero**	PFO	I	07-SE4-S-C-D1-M	7	**1**	**C**	4	7-1	5.07
430	**Tortuguero**	PFO	I	07-SE4-S-C-D2-M	7	**2**	**C**	4	7-2	5.81
431	**Tortuguero**	PFO	I	07-SE4-S-D-D1-M	7	**1**	**D**	4	7-1	5.87
432	**Tortuguero**	PFO	I	07-SE4-S-D-D2-M	7	**2**	**D**	4	7-2	5.79
433	Vega Baja	PFO	NI	01-SE1-S-A-D1	1	1	A	1	1-1	18.64
434	Vega Baja	PFO	NI	01-SE1-S-A-D2	1	2	A	1	1-2	19.32
435	Vega Baja	PFO	NI	01-SE1-S-A-D3	1	3	A	1	1-3	16.13
436	Vega Baja	PFO	NI	01-SE1-S-B-D1	1	1	B	1	1-1	13.18
437	Vega Baja	PFO	NI	01-SE1-S-B-D2	1	2	B	1	1-2	23.86
438	Vega Baja	PFO	NI	01-SE1-S-B-D3	1	3	B	1	1-3	21.37
439	Vega Baja	PFO	NI	01-SE1-S-C-D1	1	1	C	1	1-1	10.04
440	Vega Baja	PFO	NI	01-SE1-S-C-D2	1	2	C	1	1-2	20.22
441	Vega Baja	PFO	NI	01-SE1-S-C-D3	1	3	C	1	1-3	11.71
442	Vega Baja	PFO	NI	01-SE1-S-D-D1	1	1	D	1	1-1	7.32
443	Vega Baja	PFO	NI	01-SE1-S-D-D2	1	2	D	1	1-2	12.85
444	Vega Baja	PFO	NI	01-SE1-S-D-D3	1	3	D	1	1-3	15.05
445	Vega Baja	PFO	NI	01-SE2-S-A-D1	1	1	A	2	1-1	12.55
446	Vega Baja	PFO	NI	01-SE2-S-A-D2	1	2	A	2	1-2	17.48
447	Vega Baja	PFO	NI	01-SE2-S-A-D3	1	3	A	2	1-3	14.74
448	Vega Baja	PFO	NI	01-SE2-S-B-D1	1	1	B	2	1-1	21.28
449	Vega Baja	PFO	NI	01-SE2-S-B-D2	1	2	B	2	1-2	28.91
450	Vega Baja	PFO	NI	01-SE2-S-B-D3	1	3	B	2	1-3	14.72
451	Vega Baja	PFO	NI	01-SE2-S-C-D1	1	1	C	2	1-1	8.59
452	Vega Baja	PFO	NI	01-SE2-S-C-D2	1	2	C	2	1-2	24.38
453	Vega Baja	PFO	NI	01-SE2-S-C-D3	1	3	C	2	1-3	20.70
454	Vega Baja	PFO	NI	01-SE2-S-D-D1	1	1	D	2	1-1	13.98
455	Vega Baja	PFO	NI	01-SE2-S-D-D2	1	2	D	2	1-2	12.56
456	Vega Baja	PFO	NI	01-SE2-S-D-D3	1	3	D	2	1-3	7.42
457	Vega Baja	PFO	NI	01-SE3-S-A-D1	1	1	A	3	1-1	4.23
458	Vega Baja	PFO	NI	01-SE3-S-A-D2	1	2	A	3	1-2	7.79
459	Vega Baja	PFO	NI	01-SE3-S-B-D1	1	1	B	3	1-1	12.22
460	Vega Baja	PFO	NI	01-SE3-S-B-D2	1	2	B	3	1-2	13.82
461	Vega Baja	PFO	NI	01-SE3-S-C-D1	1	1	C	3	1-1	12.43

Soil data

	A	B	C	D	E	F	G	H	I	J
462	Vega Baja	PFO	NI	01-SE3-S-C-D2	1	2	C	3	1-2	9.94
463	Vega Baja	PFO	NI	01-SE3-S-D-D1	1	1	D	3	1-1	4.41
464	Vega Baja	PFO	NI	01-SE3-S-D-D2	1	2	D	3	1-2	5.54
465	Vega Baja	PFO	NI	01-SE4-S-A-D1	1	1	A	4	1-1	13.23
466	Vega Baja	PFO	NI	01-SE4-S-A-D2	1	2	A	4	1-2	13.47
467	Vega Baja	PFO	NI	01-SE4-S-B-D1	1	1	B	4	1-1	7.05
468	Vega Baja	PFO	NI	01-SE4-S-B-D2	1	2	B	4	1-2	20.21
469	Vega Baja	PFO	NI	01-SE4-S-C-D1	1	1	C	4	1-1	11.98
470	Vega Baja	PFO	NI	01-SE4-S-C-D2	1	2	C	4	1-2	15.41
471	Vega Baja	PFO	NI	01-SE4-S-D-D1	1	1	D	4	1-1	9.07
472	Vega Baja	PFO	NI	01-SE4-S-D-D2	1	2	D	4	1-2	6.79

Soil data

	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1	As_mg_Kg	B_mg_Kg	Ca_g_Kg	Cd_mg_Kg	Cr_mg_Kg	Cu_mg_Kg	Fe_g_Kg	K_mg_Kg	Mg_g_Kg	Mn_mg_Kg	Mo_mg_Kg	Na_g_Kg	Ni_mg_Kg	P_mg_Kg
2	1.53	33.32	20.78	0.50	31.34	9.15	13.55	868.59	3.57	625.76	1.34	0.61	3.20	1574.45
3	1.53	25.01	14.37	0.50	27.41	31.59	9.31	542.12	2.98	272.87	1.14	1.08	2.86	959.68
4	1.53	15.60	5.49	0.50	24.23	17.39	17.84	524.41	2.55	174.07	0.50	0.29	2.96	300.41
5	1.53	17.95	5.91	0.50	25.83	13.71	20.34	442.19	2.52	181.75	0.50	0.42	3.04	220.61
6	1.53	29.71	20.70	0.50	20.26	11.12	11.47	841.27	4.07	568.70	1.01	0.74	3.27	1409.28
7	1.53	25.29	11.89	0.50	23.00	28.99	14.26	395.40	2.62	142.77	2.10	1.04	2.99	696.97
8	1.53	13.85	5.15	0.50	22.34	13.53	16.60	399.28	2.41	154.69	0.50	0.31	2.94	316.54
9	1.53	14.05	4.55	0.50	18.80	13.84	17.29	408.95	2.12	165.31	0.50	0.29	2.18	341.19
10	1.53	30.18	23.23	0.50	21.60	8.63	12.64	846.23	3.81	641.53	1.54	0.64	2.90	1522.59
11	6.11	23.96	11.05	0.50	32.35	24.79	14.98	392.54	2.46	165.78	1.79	0.65	3.25	664.74
12	1.53	14.29	4.86	0.50	17.50	12.95	17.63	377.76	2.08	148.49	0.50	0.23	2.31	343.66
13	1.53	15.67	5.15	0.50	19.48	12.03	19.36	370.30	2.16	173.53	0.50	0.33	2.50	322.28
14	1.53	40.81	20.60	0.50	39.11	9.05	13.44	583.57	3.34	350.39	1.99	1.23	3.08	1485.00
15	7.50	29.89	12.49	0.50	18.51	26.82	17.71	320.14	2.76	143.73	2.93	1.52	2.59	863.30
16	1.53	15.29	5.22	0.50	28.14	16.35	17.19	417.04	2.47	147.97	1.24	0.34	2.90	260.77
17	1.53	17.07	5.47	0.50	31.84	16.99	20.22	472.53	2.50	165.34	0.50	0.37	3.08	275.02
18	0.76	29.34	21.65	0.25	1.97	10.62	15.25	892.00	5.24	572.10	1.02	1.48	2.21	1589.50
19	0.76	18.96	12.17	0.25	5.10	22.22	14.96	443.37	3.85	180.21	0.96	1.85	2.33	720.00
20	0.76	16.52	6.22	0.65	8.89	14.84	24.43	475.26	3.69	264.32	0.66	0.21	2.54	294.67
21	0.76	34.68	26.78	0.25	2.29	6.23	10.38	864.68	6.58	665.48	0.92	1.51	3.07	1654.50
22	0.76	15.47	6.31	0.57	8.69	14.39	22.12	465.02	3.03	219.86	0.87	0.29	2.60	337.47
23	0.76	14.96	5.63	0.67	9.59	14.50	23.06	493.88	3.03	221.75	0.75	0.26	2.52	331.70
24	0.76	27.77	23.63	0.25	2.33	8.38	10.14	707.28	4.81	543.77	0.96	1.25	2.24	1459.50
25	1.85	20.08	12.24	0.25	2.87	27.19	13.56	272.20	3.23	120.80	1.89	1.27	2.42	741.50
26	0.76	14.81	5.22	0.64	9.66	15.70	24.03	404.74	3.05	203.51	1.34	0.29	3.08	333.62
27	0.76	47.52	27.81	0.25	1.86	9.06	11.45	612.49	7.02	520.11	1.07	1.76	2.42	1639.50
28	1.69	21.79	10.49	0.56	5.44	24.43	19.45	396.99	3.72	172.20	1.82	1.01	3.18	428.66
29	0.76	15.00	5.40	0.61	8.30	17.07	22.25	441.04	3.29	200.52	1.00	0.31	2.63	255.68
30	1.73	23.42	16.67	0.25	2.26	9.09	9.55	844.70	3.47	400.88	0.71	1.98	2.04	1128.50
31	0.76	9.92	3.99	0.25	6.46	13.60	12.86	265.28	2.05	149.32	0.25	0.29	4.55	189.26
32	0.76	22.08	14.73	0.25	0.97	6.86	4.63	350.73	3.01	396.01	0.25	2.09	1.09	773.50
33	0.76	9.95	3.53	0.52	6.88	13.96	14.01	328.97	2.03	127.19	0.51	0.24	2.21	275.92
34	0.76	14.81	8.93	0.25	1.49	4.57	5.51	536.98	1.72	166.41	0.25	0.93	1.08	466.96
35	0.76	9.22	3.04	0.54	6.14	11.97	14.12	282.77	1.90	103.16	0.25	0.24	1.79	225.45
36	0.76	20.83	11.67	0.25	1.10	5.34	3.43	766.70	2.10	170.35	0.25	1.28	1.22	685.00
37	0.76	10.15	3.59	0.55	5.76	13.19	14.61	327.37	2.14	135.53	0.58	0.26	2.15	245.81
38	0.76	25.88	14.27	0.54	3.55	11.72	8.08	556.76	3.05	442.08	1.00	1.51	2.93	866.50
39	0.76	11.10	3.32	0.67	5.59	12.33	11.79	318.05	1.65	116.77	0.54	0.23	2.55	209.41
40	1.85	22.97	11.70	0.61	4.39	12.74	10.01	378.85	2.96	315.48	0.92	1.15	2.67	597.00
41	0.76	9.89	2.86	0.69	5.42	16.25	11.06	260.35	1.50	91.07	0.25	0.20	2.31	222.03
42	2.32	27.81	16.10	0.25	2.78	14.52	6.42	565.51	3.18	343.74	1.04	2.17	2.54	862.50
43	0.76	10.08	2.58	0.66	5.64	10.37	13.05	219.07	1.52	70.54	0.25	0.28	2.16	189.24
44	1.55	38.64	18.83	0.51	2.01	11.67	6.77	500.54	3.35	528.37	0.76	1.32	2.77	1159.00
45	0.76	11.31	3.12	0.74	5.42	13.27	13.68	281.46	1.73	93.11	0.99	0.25	2.76	304.32
46	0.76	27.58	4.34	1.49	6.59	75.28	40.72	280.08	4.16	813.49	1.29	0.44	6.68	2284.00
47	0.76	33.61	4.92	1.95	7.09	118.39	52.42	349.35	6.39	1445.00	1.03	0.51	7.21	1615.50
48	2.30	26.62	3.64	1.57	8.10	92.38	40.77	411.13	4.86	1049.30	0.79	0.41	7.09	1381.50
49	0.76	23.63	5.59	1.43	7.75	81.29	35.69	320.21	5.31	765.29	0.64	0.49	9.19	860.00
50	0.76	18.15	3.32	1.15	5.81	57.53	27.84	334.97	3.67	313.88	0.62	0.41	6.39	441.37
51	0.76	17.12	2.41	1.08	5.51	42.77	25.77	340.83	2.87	268.34	0.25	0.40	8.71	352.52
52	0.76	21.30	5.59	1.20	7.51	64.62	29.23	283.01	4.96	915.49	0.56	0.81	7.88	697.50
53	0.76	16.32	2.70	0.93	5.00	34.01	25.50	183.38	3.19	370.63	0.51	0.66	3.67	491.55
54	0.76	13.53	2.58	0.84	7.59	37.50	22.11	239.92	3.31	158.33	0.25	0.66	4.56	333.89
55	0.76	24.50	4.62	1.50	12.18	63.03	39.72	250.77	5.80	498.93	0.74	0.39	10.54	593.84
56	0.76	26.88	4.35	1.73	17.69	62.31	42.75	232.48	6.85	494.67	0.72	0.46	14.05	506.32
57	0.76	15.52	2.42	0.93	6.94	30.43	24.58	177.50	3.80	234.07	0.25	0.32	8.02	299.74
58	0.08	51.69	7.42	3.68	9.89	104.89	45.80	476.29	7.18	780.50	1.63	0.91	13.24	1198.50
59	0.08	41.43	3.82	3.11	7.84	74.14	39.82	489.82	5.16	302.88	0.80	0.71	9.59	564.06
60	0.08	57.07	8.67	4.20	9.47	98.27	50.74	476.61	6.98	1520.50	1.24	0.66	11.14	1321.50

Soil data

	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
61	0.08	36.58	3.39	2.69	5.60	46.72	35.44	371.31	3.56	473.42	0.92	0.52	6.48	472.68
62	0.08	45.15	5.53	3.27	8.86	82.81	42.07	326.32	6.42	1031.48	0.61	0.84	11.99	817.00
63	0.08	38.71	4.10	2.90	8.46	69.45	38.00	285.91	5.48	580.15	0.99	0.79	12.85	540.19
64	0.08	57.38	5.07	4.11	18.80	95.01	56.34	390.00	9.28	472.40	1.06	0.54	15.33	732.50
65	0.08	37.40	2.83	2.84	10.27	49.84	37.51	322.09	5.56	291.01	0.25	0.43	10.36	412.37
66	0.76	19.94	5.82	1.73	7.71	75.87	39.60	362.72	5.55	1174.56	1.09	0.52	6.78	963.00
67	0.76	16.69	2.77	1.17	6.00	41.69	22.61	294.70	2.91	192.04	0.59	0.36	4.53	362.21
68	0.76	30.27	6.91	1.89	8.23	82.41	39.38	445.85	5.16	2207.50	1.04	0.53	8.21	1804.00
69	0.76	25.11	4.17	1.72	7.38	67.89	36.70	365.68	4.53	776.11	0.88	0.52	6.28	947.50
70	0.76	29.22	6.23	1.90	8.73	86.56	39.34	410.86	5.72	679.81	1.06	0.85	8.54	1080.00
71	1.07	20.21	2.21	1.44	6.78	48.40	19.06	241.24	2.87	186.40	0.35	0.57	5.30	357.44
72	0.76	33.80	5.81	2.18	13.98	89.38	49.64	325.35	6.61	791.66	1.23	0.48	11.67	1265.50
73	0.76	26.68	3.71	1.84	15.59	76.50	38.74	334.27	6.11	188.20	1.04	0.46	11.36	466.28
74	2.13	28.18	5.18	1.68	7.94	72.32	30.84	289.39	4.50	695.46	0.76	0.46	0.25	742.01
75	0.76	22.07	3.51	1.48	6.95	63.88	27.75	314.14	3.80	334.95	0.65	0.44	0.25	491.86
76	4.66	38.66	7.54	2.25	9.61	124.33	39.59	441.10	6.39	1407.78	0.79	0.59	0.25	993.49
77	1.53	27.19	5.27	1.84	9.73	96.06	32.69	409.12	5.42	701.34	0.25	0.54	0.25	576.85
78	2.69	29.83	6.37	1.73	8.44	76.02	33.07	351.88	5.06	1145.27	0.71	0.79	0.25	829.99
79	2.47	28.01	3.91	1.67	7.28	62.64	34.53	302.77	4.49	470.17	0.70	0.76	0.25	663.55
80	4.10	31.23	5.78	1.80	11.83	76.66	37.39	331.02	5.45	989.75	0.90	0.47	0.25	781.90
81	4.13	32.65	4.81	1.95	15.38	80.66	38.07	419.02	5.74	640.95	0.65	0.51	0.96	645.45
82	3.77	33.99	3.29	1.90	39.83	81.46	39.41	468.83	4.52	568.40	0.54	0.33	7.13	217.50
83	2.72	32.99	3.09	1.75	37.30	77.66	37.88	393.57	4.31	579.75	0.58	0.30	6.93	209.38
84	3.04	33.14	3.21	1.84	37.30	81.55	38.97	382.09	4.52	567.29	0.25	0.31	6.56	211.55
85	0.76	31.83	20.28	1.00	20.25	62.77	14.93	503.93	7.38	125.35	2.91	14.66	12.35	377.36
86	2.89	35.33	24.64	0.96	19.76	59.38	14.31	441.43	8.16	107.78	1.77	19.49	11.95	348.42
87	2.12	32.72	27.14	0.99	22.18	57.23	16.71	465.52	9.30	106.57	1.21	18.78	12.92	323.02
88	6.35	43.66	27.36	2.12	85.49	90.10	51.13	1113.63	7.07	330.40	1.39	0.57	34.54	684.60
89	6.35	44.47	19.44	2.17	88.75	91.54	52.34	1171.38	7.16	288.34	0.50	0.54	34.94	685.62
90	5.12	44.62	19.86	2.21	88.95	93.65	52.59	1107.66	7.18	300.94	0.50	0.61	35.95	697.85
91	7.98	22.74	23.19	1.19	40.55	47.74	29.80	327.12	4.11	299.02	0.59	0.35	17.24	450.85
92	10.35	28.98	32.30	1.52	50.86	62.34	39.57	390.59	5.47	389.81	0.60	0.46	21.30	591.60
93	9.35	25.34	26.34	1.33	44.66	53.38	34.21	371.47	4.63	338.58	0.80	0.39	19.02	513.00
94	14.91	37.31	42.23	2.73	71.61	87.19	58.01	685.63	8.20	487.60	0.65	0.63	30.42	973.50
95	14.29	36.06	39.40	2.70	68.98	84.42	54.29	642.05	7.53	467.81	0.73	0.61	28.69	900.50
96	18.23	36.88	45.32	2.70	79.84	91.88	61.31	742.35	8.13	532.97	1.02	0.65	34.00	1015.00
97	17.10	36.67	42.54	2.44	71.14	86.81	56.01	638.01	7.36	503.80	0.93	0.64	31.28	942.50
98	17.37	36.19	46.27	2.48	71.97	85.46	56.57	619.87	7.26	484.37	0.89	0.60	31.14	953.00
99	17.28	36.70	45.66	2.46	71.62	87.42	57.37	626.11	7.40	502.09	0.85	0.63	31.06	967.00
100	6.85	38.33	32.98	2.28	60.57	77.52	48.33	594.87	5.90	332.73	0.87	0.56	26.89	780.00
101	6.52	40.44	29.38	2.36	62.03	78.94	48.72	647.42	6.11	317.90	0.89	0.58	27.60	733.50
102	4.79	40.38	29.83	2.38	63.66	79.26	48.75	707.10	6.06	316.34	0.85	0.58	27.74	715.00
103	12.47	33.80	51.40	1.65	76.13	81.62	52.54	1043.46	14.85	334.80	1.01	1.56	31.86	986.00
104	13.79	33.37	52.74	1.67	77.36	83.21	55.20	1008.93	13.63	336.13	1.00	1.59	32.35	1012.50
105	12.91	32.65	49.94	1.59	77.82	82.99	52.98	1012.09	13.85	330.56	0.86	1.48	32.05	997.00
106	3.64	20.25	12.39	0.50	12.13	29.48	15.37	1188.91	3.15	407.61	0.50	2.11	4.44	332.71
107	1.53	19.18	4.81	0.50	16.08	24.27	15.27	1293.40	2.43	62.95	1.05	1.55	4.24	206.85
108	6.10	34.90	18.68	0.50	13.15	34.63	18.02	1193.45	3.27	690.55	1.76	1.49	4.47	470.16
109	12.03	35.30	14.16	0.50	13.00	45.16	21.29	1275.35	3.78	448.48	1.90	2.66	5.13	394.56
110	1.53	22.33	5.21	0.50	18.07	26.13	16.67	1587.84	2.91	33.59	0.50	1.72	4.66	231.11
111	5.46	23.30	19.20	0.50	13.81	49.43	16.95	1021.98	3.36	802.94	0.50	1.49	4.77	484.18
112	1.53	18.19	5.26	0.50	15.18	26.28	15.24	1453.63	2.90	104.93	0.50	1.27	4.48	247.85
113	3.06	30.46	19.71	0.50	9.29	33.28	15.95	1130.50	3.13	673.40	1.32	0.95	3.52	506.59
114	6.01	27.24	14.36	0.50	30.72	39.66	15.21	1078.87	3.27	346.39	0.50	2.20	4.88	349.73
115	1.53	16.64	5.45	0.50	57.48	24.14	12.87	972.16	2.20	122.74	0.50	1.60	3.80	205.88
116	2.24	17.26	11.48	0.64	6.79	27.08	15.64	898.44	3.30	395.99	0.25	1.78	3.35	300.55
117	0.76	13.31	4.73	0.67	7.67	21.34	14.21	1045.62	2.64	167.87	0.25	1.29	3.37	178.11
118	3.83	26.56	16.33	0.70	8.77	28.21	18.55	1125.82	4.15	567.23	1.07	1.18	3.96	384.53
119	1.76	20.21	9.60	0.78	9.49	26.42	18.07	1321.67	3.77	319.41	0.25	1.00	4.24	296.51
120	8.24	30.85	21.06	0.65	6.98	31.73	18.11	799.85	4.37	790.40	1.88	1.59	3.44	413.50

Soil data

	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
121	0.76	16.71	4.62	0.77	8.76	23.12	17.19	1303.49	3.37	145.89	0.25	1.31	4.19	189.31
122	3.07	18.75	14.29	0.71	7.27	28.76	16.34	978.16	4.09	436.18	0.74	1.43	3.64	364.09
123	0.76	14.22	4.58	0.74	8.74	21.56	16.04	1247.64	3.17	120.83	0.25	1.24	3.86	192.33
124	4.55	15.90	12.47	0.64	5.59	24.25	11.73	657.97	2.63	486.00	0.76	1.60	4.60	307.63
125	0.76	8.80	4.18	0.61	5.59	19.16	8.42	791.74	1.89	181.92	0.25	1.21	6.00	173.92
126	9.29	15.08	10.92	0.69	6.50	30.51	12.50	743.01	2.92	400.47	0.69	1.59	4.00	276.35
127	9.01	20.80	16.39	0.54	5.11	26.40	12.00	478.44	2.90	608.56	1.08	1.63	3.86	322.02
128	1.76	8.07	3.84	0.61	5.59	19.78	8.23	816.25	2.05	124.06	0.25	1.51	3.55	161.32
129	7.66	15.14	13.08	0.62	6.60	28.58	12.71	663.04	2.96	497.62	0.73	1.60	3.79	351.23
130	2.65	8.86	4.32	0.69	6.00	22.61	9.23	862.33	2.17	185.72	0.25	1.14	4.31	175.23
131	4.57	15.75	10.28	0.69	5.78	26.06	11.90	742.59	2.67	382.73	0.85	1.60	3.38	300.78
132	0.76	8.66	3.54	0.65	5.98	19.94	9.18	858.10	2.10	148.74	0.25	1.18	3.47	177.77
133	3.84	22.00	13.08	0.76	5.67	23.83	14.75	806.20	2.88	439.12	0.64	1.60	2.89	257.50
134	0.76	11.35	4.30	0.73	6.18	25.42	11.24	916.30	2.16	155.49	0.25	1.41	2.65	170.94
135	7.71	20.84	15.13	0.62	5.46	26.24	12.40	624.70	2.91	525.32	1.00	1.42	2.93	328.25
136	3.35	11.19	4.33	0.75	7.01	21.66	11.94	1004.88	2.47	136.51	0.25	1.17	2.87	197.36
137	5.07	17.89	10.44	0.71	6.89	26.48	12.93	887.86	2.87	406.29	0.67	1.33	2.81	307.00
138	1.91	12.25	4.79	0.77	6.31	25.49	10.79	968.91	2.33	152.21	0.25	1.41	2.96	177.40
139	6.33	23.49	15.45	0.68	5.78	36.25	14.11	830.37	3.41	495.67	0.67	1.78	3.13	372.21
140	0.76	10.86	4.02	0.75	6.64	22.18	11.96	1043.83	2.69	149.68	0.25	1.28	2.92	199.19
141	0.76	5.68	2.00	0.25	14.57	43.72	8.70	212.93	1.72	81.16	0.25	0.12	5.98	176.43
142	0.76	14.36	2.09	1.02	26.26	69.99	24.43	286.48	3.49	240.67	0.25	0.22	10.15	261.16
143	0.76	6.78	2.36	0.54	16.98	47.80	10.24	228.65	2.00	80.31	0.25	0.16	6.87	207.38
144	0.76	23.78	2.86	1.52	34.63	80.23	38.64	314.62	4.95	384.79	0.67	0.28	14.08	278.68
145	0.76	4.41	1.99	0.25	10.62	31.31	5.90	192.11	1.14	52.02	0.25	0.16	4.79	189.45
146	0.76	10.25	2.60	0.78	23.96	74.29	16.52	300.04	2.86	160.28	0.25	0.17	10.12	205.80
147	0.76	6.09	2.11	0.25	14.74	46.29	8.10	256.35	1.66	81.81	0.25	0.13	6.53	185.87
148	0.76	9.48	1.82	0.65	20.90	58.24	15.27	273.09	2.57	141.76	0.25	0.18	8.34	202.35
149	0.08	12.41	4.61	1.04	32.81	87.88	19.37	531.85	3.61	134.96	0.59	0.28	14.97	364.95
150	0.08	16.39	2.79	1.46	38.62	90.25	31.18	524.09	4.82	195.31	0.81	0.29	15.13	292.15
151	0.08	12.89	4.13	1.13	34.28	81.76	22.35	530.45	3.70	120.35	0.25	0.29	17.86	373.07
152	0.08	19.16	3.07	1.63	38.47	85.67	36.77	442.86	4.99	322.38	0.25	0.31	16.83	263.26
153	0.08	10.08	4.18	0.94	27.36	82.82	17.13	530.75	3.18	142.39	0.25	0.29	11.51	435.39
154	0.08	12.52	2.65	1.19	35.82	82.75	25.90	434.92	4.26	200.10	0.55	0.25	14.76	248.77
155	0.08	9.19	5.21	0.79	27.59	82.37	14.76	548.35	3.10	116.77	0.25	0.26	10.80	479.66
156	0.08	14.35	2.92	1.29	36.10	87.60	27.54	503.90	4.01	201.48	0.75	0.26	14.50	362.70
157	0.76	8.79	4.71	0.97	26.98	106.91	13.92	403.16	2.82	98.62	0.25	0.23	9.82	394.40
158	2.93	11.59	3.22	1.20	29.75	82.50	19.66	410.79	3.33	157.36	0.25	0.21	12.15	261.16
159	0.76	12.28	4.34	1.25	33.07	77.67	20.11	477.98	3.42	115.38	0.25	0.26	14.85	348.94
160	3.59	20.04	2.92	1.84	38.54	93.85	32.73	499.02	4.56	184.12	1.54	0.28	15.23	304.87
161	3.80	9.33	6.35	0.80	22.63	65.14	12.49	722.26	2.87	141.54	0.25	0.28	8.67	615.50
162	0.76	15.15	2.58	1.49	32.60	80.13	27.30	405.74	4.20	211.74	0.25	0.26	11.61	274.54
163	3.44	9.20	4.75	0.94	25.81	94.93	14.19	456.02	2.85	100.88	0.25	0.25	10.20	461.86
164	4.41	13.02	3.18	1.21	32.22	88.54	22.33	484.70	3.65	185.21	0.56	0.22	13.25	321.20
165	2.30	9.16	4.09	0.81	25.44	69.49	11.76	420.30	2.39	108.94	0.25	0.21	4.86	312.46
166	1.77	21.68	2.41	1.55	35.73	77.55	22.98	497.08	3.47	222.93	0.25	0.25	4.56	302.08
167	2.39	11.43	3.95	0.99	29.70	73.00	14.03	412.05	2.61	120.72	0.25	0.23	4.81	318.48
168	1.71	25.80	2.90	1.75	37.46	77.36	29.99	470.08	3.82	375.07	0.64	0.28	5.63	247.92
169	2.80	9.82	4.35	0.84	23.90	70.04	11.36	468.32	2.30	114.52	0.65	0.19	4.54	360.12
170	1.98	17.46	2.37	1.16	32.69	71.76	20.95	458.78	3.11	206.02	0.64	0.22	4.23	337.30
171	2.85	7.93	4.32	0.68	21.60	71.84	9.70	396.28	2.14	99.92	0.94	0.22	4.44	451.28
172	2.10	20.92	2.32	1.48	34.21	74.13	23.65	512.87	3.25	209.11	1.05	0.23	4.64	336.17
173	2.03	20.36	8.76	1.24	30.47	62.67	28.29	1050.95	7.02	388.94	0.52	0.44	22.96	732.00
174	2.52	16.90	6.49	1.06	28.65	57.14	25.04	956.15	6.30	329.30	0.25	0.34	21.41	573.93
175	0.76	22.03	14.92	1.41	25.40	61.47	34.26	1038.48	7.43	401.04	0.61	0.43	18.96	709.50
176	0.76	19.24	7.47	0.96	19.99	46.29	25.15	755.74	5.65	379.83	0.75	0.67	20.55	776.00

Soil data

	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
177	0.76	21.80	6.82	1.26	30.72	64.85	31.17	1024.86	6.85	284.35	0.65	0.46	23.37	721.50
178	0.76	26.45	9.29	1.58	26.10	65.02	41.21	912.15	7.80	370.58	0.59	0.50	31.14	832.50
179	0.76	15.07	4.54	0.77	21.58	44.10	20.53	754.13	4.14	210.70	0.25	0.28	18.26	545.46
180	0.76	17.63	6.44	1.06	34.50	62.19	25.54	932.08	6.09	270.79	0.60	0.37	30.12	576.13
181	0.76	20.05	8.30	1.10	19.17	44.43	29.46	740.50	5.76	251.78	0.55	0.36	15.25	549.75
182	0.76	17.66	5.38	1.01	21.66	46.13	26.06	738.67	5.18	265.88	0.66	0.29	19.27	688.00
183	0.76	18.87	8.01	1.12	26.66	51.72	28.55	821.72	5.94	277.98	0.25	0.33	24.50	689.50
184	0.76	19.00	8.72	1.14	16.54	44.38	29.47	706.95	6.03	358.66	0.73	0.33	15.94	764.50
185	0.08	20.77	6.30	1.64	33.08	69.32	32.47	1484.33	7.84	349.77	0.50	0.48	25.34	817.00
186	0.08	20.97	13.15	1.78	31.00	69.68	35.76	1307.18	8.42	435.51	0.25	0.49	25.18	779.50
187	0.08	27.76	16.31	2.30	26.41	64.70	46.16	1269.80	9.00	486.61	0.65	0.51	21.27	857.00
188	0.08	22.47	6.18	1.58	30.05	58.75	33.01	1560.72	6.83	374.07	0.64	0.61	22.71	1023.00
189	0.08	21.19	6.72	1.66	36.95	70.40	32.43	1541.66	7.78	322.09	0.61	0.49	28.36	748.50
190	0.08	29.04	19.34	2.29	28.26	65.08	47.57	1332.62	8.94	349.14	0.25	0.55	21.00	891.50
191	0.08	20.80	6.14	1.67	37.12	70.32	32.40	1456.26	7.25	306.57	0.62	0.50	25.51	872.50
192	1.81	19.62	7.01	1.62	36.59	72.88	31.19	1293.16	7.17	287.79	0.25	0.52	29.50	758.00
193	0.08	25.30	13.50	2.09	28.96	66.31	43.38	1242.66	8.45	322.50	0.63	0.57	20.42	861.50
194	0.08	21.15	7.10	1.65	33.36	63.80	33.86	1710.13	7.23	321.07	0.80	0.58	21.89	913.50
195	0.08	20.97	9.20	1.70	34.79	67.30	33.58	1418.23	7.60	344.72	0.25	0.59	24.05	781.50
196	0.08	28.59	14.54	2.34	28.00	67.29	48.89	1313.49	9.09	356.17	0.90	0.57	19.53	927.50
197	3.73	18.18	8.01	0.01	36.75	66.96	32.66	1417.44	5.95	374.27	0.93	2.32	28.95	925.16
198	2.76	17.99	8.37	0.01	33.92	72.21	37.50	1319.29	6.82	436.24	0.47	2.52	26.82	911.22
199	4.12	17.37	8.11	0.01	41.04	69.57	34.10	1579.52	6.45	393.21	0.70	2.54	32.03	932.02
200	3.10	20.21	9.56	0.01	30.30	70.69	43.58	1460.49	7.29	454.89	0.20	2.54	23.53	957.88
201	3.47	16.92	8.23	0.01	36.54	68.46	35.43	1378.33	6.85	415.72	0.30	2.46	31.12	720.99
202	3.59	18.60	13.21	0.01	30.96	70.65	41.56	1311.92	7.27	410.75	0.10	2.33	23.34	780.22
203	3.46	15.67	6.17	0.01	37.45	69.10	32.44	1457.54	6.41	380.94	0.35	2.41	28.15	726.97
204	3.96	20.39	12.87	0.01	28.32	63.72	45.78	1257.39	6.85	463.95	0.21	2.23	21.72	832.24
205	3.31	19.17	15.75	0.01	28.70	63.33	36.79	1024.44	6.41	399.17	0.09	1.75	25.12	901.44
206	3.79	23.07	11.75	0.01	27.35	66.31	44.92	1120.47	7.48	507.35	0.09	2.06	23.61	1143.83
207	3.09	20.30	7.13	0.01	32.64	66.94	38.75	1161.65	6.61	398.12	0.01	2.22	25.01	996.69
208	3.29	18.94	11.92	0.01	30.80	64.34	36.67	1068.72	6.37	391.75	0.19	1.93	26.30	889.07
209	3.28	14.04	6.12	0.01	35.36	63.03	25.31	1002.61	5.24	269.94	0.11	2.00	27.42	739.63
210	3.53	18.78	15.54	0.01	29.11	60.96	36.25	926.46	6.12	330.13	0.02	1.61	22.41	686.98
211	2.18	14.46	7.55	0.01	32.25	62.37	27.75	1037.14	6.04	381.79	0.08	1.98	24.71	709.60
212	4.36	20.19	11.54	0.01	27.12	64.19	39.12	1008.82	6.76	453.45	0.09	2.14	22.78	918.74
213	1.53	45.29	21.62	0.50	21.35	46.02	17.50	694.29	6.30	306.55	1.62	8.46	8.38	582.16
214	1.53	51.42	20.44	0.50	37.57	81.96	24.82	998.01	7.66	143.09	1.73	10.45	17.66	550.98
215	1.53	43.49	19.66	0.50	36.27	91.72	18.90	1036.68	8.03	56.16	3.47	14.50	14.60	577.34
216	1.53	47.18	24.87	0.50	33.97	83.92	16.20	960.17	8.77	66.81	1.73	16.56	16.86	422.54
217	1.53	45.72	24.67	0.50	38.45	119.86	16.26	1026.35	8.91	40.74	1.77	16.50	18.15	305.42
218	1.53	65.39	24.71	0.50	12.36	43.46	12.81	401.78	6.66	221.60	1.85	11.83	6.00	501.54
219	1.53	47.70	21.35	0.50	19.83	59.44	18.24	593.73	6.81	147.80	2.55	13.12	8.93	426.21
220	1.53	43.47	17.14	0.50	30.41	79.67	24.74	945.34	6.71	74.75	2.91	12.00	14.78	426.74
221	1.53	43.12	18.56	0.50	23.41	68.70	22.17	804.03	7.22	139.25	3.31	11.27	10.08	616.29
222	1.53	44.00	20.28	0.50	30.09	94.12	18.76	890.65	7.30	48.52	4.09	11.45	15.14	602.65
223	1.53	51.05	25.63	0.50	30.90	91.07	15.03	800.28	8.13	70.95	2.28	12.18	18.65	521.05
224	0.76	45.27	23.16	0.25	10.28	37.60	14.28	437.01	11.39	218.89	1.95	14.48	5.95	527.89
225	0.76	39.87	19.13	0.80	25.22	60.94	23.40	776.99	11.20	115.15	1.97	12.20	12.57	500.09
226	0.76	47.28	20.90	0.80	27.96	55.48	22.79	836.78	12.34	87.27	1.77	12.09	15.18	580.88
227	0.76	40.90	21.09	0.55	15.50	55.60	17.35	608.91	12.37	145.55	2.27	12.77	8.14	510.24
228	0.76	37.83	22.45	0.62	20.05	85.35	17.13	629.99	12.91	85.06	7.30	14.33	10.99	526.68
229	0.76	41.59	24.55	0.55	20.21	76.19	13.89	626.69	12.90	90.18	3.38	13.47	13.09	403.83
230	0.76	42.69	24.40	0.25	9.07	35.35	12.86	452.30	11.17	234.03	1.21	10.85	5.82	511.65
231	0.76	39.01	19.95	0.72	24.96	61.67	20.34	742.35	13.18	98.38	0.95	12.87	12.90	595.46
232	0.76	46.87	22.26	0.68	25.29	68.15	16.72	626.97	13.06	97.07	1.86	13.02	15.12	541.97
233	0.76	42.36	20.24	0.71	24.45	78.13	20.77	682.26	13.93	84.19	5.29	13.35	15.15	595.17

Soil data

	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
234	0.76	43.07	23.52	0.69	27.30	73.93	18.38	722.53	14.08	94.32	1.26	12.86	15.53	368.27
235	0.76	31.80	20.23	0.69	18.11	67.93	14.78	475.84	7.42	112.54	3.37	16.29	9.82	448.50
236	0.76	34.83	23.00	0.81	25.62	85.19	17.53	579.92	7.98	136.95	0.82	12.30	16.39	293.47
237	0.76	40.26	19.07	0.59	13.88	45.35	14.28	397.40	7.05	144.17	2.54	16.56	6.05	445.03
238	1.70	33.00	23.61	0.66	18.17	70.39	14.28	407.44	7.28	94.74	3.11	17.40	11.39	477.08
239	0.76	40.91	20.95	0.25	9.18	49.27	9.50	353.38	6.73	157.39	2.60	13.60	4.94	387.11
240	0.76	34.42	19.85	0.66	18.85	50.96	13.89	484.97	7.02	110.71	0.92	15.58	9.93	477.27
241	0.76	33.55	18.45	0.52	15.92	45.51	12.33	403.29	6.47	99.37	1.20	13.49	8.30	457.99
242	0.76	29.02	19.87	0.69	22.02	59.90	12.72	520.84	6.91	101.53	0.82	13.16	13.56	337.40
243	2.07	40.82	20.84	0.75	20.12	76.45	17.44	587.17	8.00	112.36	2.28	14.18	12.49	456.60
244	0.76	38.67	21.95	0.88	27.45	98.71	19.32	726.30	8.61	103.60	0.25	13.27	16.88	235.71
245	0.76	43.66	19.56	0.57	13.95	48.97	14.73	555.02	8.02	180.30	1.57	14.85	7.17	499.11
246	0.76	34.99	18.75	0.75	20.48	76.04	15.34	595.00	7.39	80.97	1.88	11.06	11.23	491.15
247	0.76	47.13	19.93	0.25	10.91	32.59	11.33	419.18	7.52	139.27	0.91	17.58	6.09	520.69
248	0.76	38.67	19.60	0.79	20.94	44.50	18.74	619.88	7.23	38.78	0.25	14.23	10.16	417.02
249	0.76	40.00	19.19	0.71	20.68	54.50	16.42	553.28	7.95	103.15	1.52	14.68	10.02	719.50
250	1.95	40.01	23.44	0.67	19.83	68.20	14.27	518.50	7.50	92.24	0.82	13.43	12.78	400.53
251	1.53	24.26	4.67	1.49	43.80	108.64	30.78	1128.07	4.69	149.79	0.50	0.40	18.96	418.11
252	1.53	21.72	3.36	1.22	39.16	87.36	27.88	903.52	4.20	50.83	0.50	0.30	18.92	264.03
253	1.53	21.98	4.40	1.27	36.69	94.88	29.19	936.47	4.31	134.64	0.50	0.35	18.23	380.55
254	1.53	21.46	2.43	1.24	42.58	88.90	27.16	843.92	3.96	21.15	0.50	0.32	16.81	244.08
255	1.53	22.94	4.59	1.25	34.72	81.97	27.05	995.26	4.24	339.28	1.32	0.46	16.57	472.03
256	1.53	25.40	2.23	1.34	43.89	87.36	30.29	947.82	3.83	2.50	0.50	0.40	17.62	260.23
257	1.53	21.58	5.36	1.13	29.42	67.44	24.66	943.45	3.88	378.24	0.50	0.57	13.82	565.49
258	1.53	22.94	4.03	1.33	41.71	91.20	29.96	991.40	4.73	93.43	0.50	0.36	18.33	402.08
259	1.53	22.18	3.94	1.35	38.98	94.16	30.36	936.75	4.99	124.71	0.50	0.37	18.45	352.91
260	1.53	21.39	2.44	1.21	39.26	88.63	27.78	855.01	3.91	26.60	0.50	0.29	17.43	214.09
261	0.76	19.58	3.97	1.15	34.58	98.27	30.80	981.98	7.17	197.39	1.12	0.28	18.32	388.39
262	0.76	18.61	1.82	1.08	39.19	85.10	27.51	836.37	5.47	62.70	0.61	0.25	16.39	183.18
263	1.58	20.85	4.41	1.24	34.45	93.38	31.96	955.96	8.08	239.45	1.19	0.30	18.58	385.35
264	0.76	20.11	2.48	1.17	37.46	88.19	30.55	900.79	6.30	97.94	0.53	0.28	18.03	253.43
265	0.76	17.65	3.17	1.09	35.89	88.16	27.76	847.45	6.07	156.53	0.25	0.29	16.91	278.76
266	0.76	18.32	1.97	1.02	37.25	83.31	27.19	764.29	5.53	78.56	0.25	0.31	16.16	201.50
267	0.76	21.79	10.46	0.90	20.00	53.19	25.50	711.68	5.67	1041.58	0.77	0.77	11.52	928.50
268	0.76	20.03	2.00	1.10	39.29	87.29	29.34	901.72	5.79	81.81	0.57	0.25	17.35	211.18
269	13.25	35.65	49.65	1.70	77.41	83.14	53.08	1125.93	14.16	325.49	0.96	1.52	32.43	1001.00
270	2.19	14.40	2.73	1.03	25.49	71.88	21.05	559.87	3.48	161.68	0.53	0.32	12.83	262.95
271	2.13	13.71	1.48	0.99	26.48	69.45	20.35	526.84	3.09	94.78	0.25	0.28	11.71	174.14
272	0.76	13.83	3.24	1.10	25.88	75.32	21.11	603.67	3.73	204.41	0.25	0.31	12.52	297.61
273	2.41	12.60	1.66	1.05	26.83	73.62	19.85	523.71	2.91	110.17	0.25	0.25	11.70	167.12
274	3.23	13.97	2.10	1.13	27.50	77.37	22.10	542.30	3.25	147.39	0.50	0.27	13.75	215.45
275	2.31	16.96	1.58	1.24	27.71	75.11	25.80	563.16	3.20	133.08	0.63	0.26	15.04	223.95
276	0.76	16.88	5.81	0.96	19.67	60.66	21.04	504.85	3.44	557.61	0.60	0.51	10.46	526.02
277	2.10	14.53	3.40	1.13	26.49	77.81	21.64	623.37	3.73	197.23	0.60	0.37	13.09	318.38
278	1.84	12.71	1.66	0.98	31.58	75.16	19.60	522.95	2.84	107.33	0.53	0.27	13.86	166.26
279	4.11	17.68	8.24	1.11	19.55	70.22	18.97	627.42	3.50	688.00	0.82	0.53	10.67	657.50
280	4.45	17.30	3.32	1.50	26.88	84.63	25.17	640.62	3.73	240.62	0.60	0.29	14.83	367.33
281	5.41	17.34	1.74	1.51	28.84	78.26	25.51	588.47	3.44	129.09	0.25	0.26	13.50	233.19
282	2.38	17.04	6.28	1.10	20.78	64.93	18.52	550.71	3.14	446.55	0.25	0.35	10.13	583.77
283	8.36	16.80	3.75	1.44	27.46	90.24	24.19	621.65	3.78	269.87	0.59	0.29	14.07	372.04
284	2.05	15.22	1.63	1.26	26.39	74.13	22.50	520.17	2.94	123.15	0.25	0.29	11.52	190.98
285	4.13	14.81	5.93	1.25	18.38	67.75	21.23	641.88	3.07	379.80	1.98	0.95	10.29	690.50
286	4.53	15.69	3.31	1.49	28.49	84.88	23.06	647.42	3.61	202.88	0.25	0.28	13.92	271.94
287	2.48	17.31	1.78	1.51	29.63	76.57	24.59	611.10	3.25	113.42	0.25	0.32	12.86	219.42
288	2.47	17.99	7.40	1.36	23.59	82.19	23.71	659.22	3.75	335.77	1.34	0.40	12.63	858.50
289	5.21	15.77	2.50	1.38	28.76	81.03	22.97	601.99	3.40	180.15	0.25	0.28	13.33	258.92

Soil data

	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
290	0.76	14.79	1.63	1.19	27.26	80.44	22.87	532.92	3.14	107.67	0.75	0.28	11.23	222.17
291	3.18	23.46	9.22	1.28	60.87	41.89	29.87	462.82	7.77	442.02	0.25	1.32	30.92	493.39
292	1.95	21.86	8.42	1.19	58.06	38.76	28.22	505.69	7.20	293.74	0.25	1.32	28.60	391.58
293	1.71	18.75	6.98	1.04	47.74	38.60	24.15	554.32	6.63	256.90	0.25	1.14	23.83	474.01
294	0.76	17.67	5.93	1.01	47.76	37.02	24.53	642.38	6.53	147.33	0.25	1.17	31.94	278.70
295	2.84	20.92	6.49	1.20	58.61	43.34	31.29	594.93	8.66	275.60	0.25	1.41	30.37	475.27
296	0.76	24.83	5.34	1.45	66.22	46.04	34.57	919.01	8.37	219.73	0.62	1.74	34.53	352.07
297	3.90	25.15	6.90	1.38	62.30	42.53	30.29	440.32	7.69	339.57	0.56	1.31	31.29	560.52
298	3.18	27.66	6.69	1.48	74.10	46.38	37.11	537.07	8.58	257.34	0.58	1.40	35.42	468.74
299	0.08	54.57	10.39	4.02	107.04	65.35	50.11	660.40	15.40	205.32	0.25	1.22	52.38	437.33
300	1.61	49.83	11.77	3.41	76.49	49.81	44.73	921.44	10.20	299.06	0.51	0.95	37.83	371.45
301	0.08	49.70	10.58	3.68	93.87	69.30	42.97	878.27	11.66	261.21	0.85	1.38	48.66	591.57
302	0.08	47.96	8.21	3.45	85.86	56.22	42.00	1026.05	10.59	190.45	0.89	1.45	42.77	405.81
303	2.28	31.69	11.40	2.18	82.48	64.81	39.24	1005.34	10.55	395.49	0.25	1.53	41.29	948.00
304	0.08	28.82	7.17	2.00	71.77	51.09	39.44	1244.40	9.43	411.16	0.25	1.79	33.15	396.14
305	3.39	33.49	10.43	2.42	89.48	62.67	45.27	670.29	11.68	422.86	0.72	1.59	44.18	774.00
306	3.70	31.67	6.44	2.25	87.57	51.78	44.84	687.93	10.32	305.20	0.25	1.39	39.54	447.65
307	0.76	35.49	9.14	2.25	92.29	63.06	43.35	553.79	10.80	169.01	0.81	1.42	46.83	573.09
308	0.76	32.88	8.44	1.87	72.88	49.96	37.62	597.89	8.03	137.85	0.61	1.27	35.98	542.60
309	0.76	35.98	8.21	2.17	88.26	62.43	42.32	730.77	9.92	255.88	0.83	1.83	43.14	734.50
310	0.76	32.46	6.49	1.86	71.89	53.69	37.20	926.98	8.41	138.94	0.73	1.88	35.34	393.15
311	0.76	35.04	9.70	2.18	86.59	67.73	40.88	669.91	10.22	271.41	1.04	1.85	44.60	741.50
312	0.76	33.32	6.73	2.04	83.78	58.22	41.19	738.63	9.45	132.16	0.54	1.75	41.02	482.05
313	0.76	32.09	6.44	2.03	84.45	59.41	38.22	734.96	9.25	18.22	0.67	1.06	42.14	365.63
314	0.76	29.17	5.24	1.66	65.28	48.53	33.62	799.99	7.05	22.21	0.73	0.91	31.26	305.31
315	3.75	35.65	8.14	2.25	97.38	57.97	35.74	554.56	8.75	285.64	0.25	1.51	36.14	536.40
316	3.74	31.58	7.32	1.84	76.12	44.91	31.39	677.03	6.96	224.76	0.25	1.26	25.61	443.20
317	5.54	36.63	8.86	2.10	86.17	59.76	34.03	601.48	8.52	515.21	0.70	1.57	33.01	809.15
318	3.68	33.94	7.42	2.02	79.65	47.52	34.50	821.60	7.77	322.67	0.25	1.66	26.35	494.00
319	4.61	29.21	7.72	1.74	70.87	50.74	28.31	851.92	7.14	339.81	0.65	1.36	26.60	683.29
320	4.18	34.49	5.75	1.98	76.76	46.53	31.70	1116.85	7.02	238.18	0.72	1.51	23.60	429.28
321	5.94	33.05	7.13	1.94	81.54	50.74	31.63	708.91	7.40	249.10	0.78	1.12	28.23	502.29
322	5.76	35.99	6.03	2.04	81.73	44.08	34.07	744.26	7.47	200.12	0.72	1.06	25.70	442.26
323	5.07	41.82	44.55	0.50	44.45	261.39	10.88	476.30	4.46	274.64	1.15	3.73	6.13	1363.86
324	14.85	43.21	35.12	1.49	64.69	82.39	43.37	1197.51	7.00	240.78	2.40	2.87	27.58	1059.44
325	8.63	41.53	62.53	2.13	100.18	126.74	59.07	1341.55	11.49	618.09	1.22	0.89	35.70	846.57
326	5.53	32.77	25.79	1.13	119.17	142.74	27.38	1337.47	3.83	320.13	1.50	2.64	15.43	1055.80
327	14.22	41.05	21.33	1.88	82.80	91.69	49.74	1083.43	7.22	326.97	1.11	1.05	34.54	919.22
328	13.73	53.09	38.09	2.57	107.52	124.53	70.73	1208.23	10.04	591.34	1.58	0.78	43.76	1043.25
329	14.17	35.60	20.58	0.50	36.74	147.83	20.66	927.17	4.11	94.00	2.50	1.60	13.34	1153.59
330	14.42	33.50	17.65	1.51	83.23	185.90	33.23	1245.71	7.48	85.21	1.48	1.53	30.95	1101.25
331	10.05	49.35	23.12	2.45	120.05	141.28	63.11	1375.08	8.54	399.77	1.01	0.73	43.20	833.70
332	9.56	43.02	43.47	1.09	74.36	306.21	15.48	580.67	5.51	298.86	1.53	2.73	10.37	1579.15
333	13.08	37.05	25.76	1.54	99.41	86.31	38.94	1057.32	7.32	130.11	1.14	1.74	32.08	1076.58
334	10.27	41.56	49.76	2.00	106.12	104.33	55.09	1281.44	8.56	548.28	1.25	0.90	36.66	839.58
335	3.32	36.96	71.96	0.25	16.35	18.42	16.76	632.81	6.64	429.98	1.02	4.76	6.57	1634.00
336	14.27	33.97	50.06	1.59	70.97	78.70	50.97	1074.93	12.05	301.41	0.90	1.78	30.51	1078.00
337	11.48	32.75	62.21	1.56	64.70	60.69	52.38	870.71	8.70	277.97	0.84	0.82	25.14	909.50
338	6.14	21.71	26.22	0.64	29.19	31.53	20.90	904.42	7.03	189.72	0.59	3.55	13.22	1341.50
339	15.70	31.12	20.73	1.38	61.74	70.60	41.60	895.60	11.23	217.25	1.24	1.45	30.04	1086.50
340	11.95	41.30	41.86	2.07	78.74	105.72	70.97	968.32	18.78	556.54	1.35	0.71	36.12	1104.00
341	4.80	27.54	23.79	0.25	12.23	15.29	9.38	544.54	4.66	72.12	1.29	1.86	5.86	1247.50
342	9.45	22.13	13.75	0.93	42.01	56.46	26.18	873.05	8.60	62.02	0.65	1.31	21.46	934.50
343	7.36	41.07	23.75	2.03	91.75	104.09	65.23	1303.90	15.64	449.18	0.93	0.70	39.12	955.00
344	7.82	30.58	27.81	0.86	35.40	46.79	27.02	840.01	9.00	183.56	0.74	2.38	17.32	1295.50
345	8.96	30.86	17.77	1.48	85.97	69.51	41.66	918.10	9.20	108.35	0.85	1.15	30.72	1000.00
346	7.47	31.22	40.42	1.61	79.90	84.32	50.76	940.06	17.64	339.24	0.66	0.91	32.74	895.00

Soil data

	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
347	9.19	30.46	51.20	1.67	54.21	71.28	36.14	721.57	7.32	337.24	0.99	2.12	23.90	1110.50
348	13.40	32.97	49.98	2.30	72.28	85.09	51.85	697.67	7.44	450.23	0.94	1.16	29.17	938.50
349	20.60	38.11	68.75	2.77	77.81	80.28	65.52	627.46	7.15	467.40	0.84	0.81	29.18	1099.00
350	17.55	29.50	53.33	2.02	64.92	73.62	43.95	733.43	10.31	302.58	1.10	1.15	25.41	1106.50
351	10.61	32.69	56.92	2.45	69.20	82.51	57.12	742.60	11.91	487.32	0.81	0.64	26.85	1198.50
352	10.11	25.21	19.78	1.33	45.49	67.17	29.92	583.02	6.21	166.45	0.97	1.30	21.49	1025.50
353	9.44	36.69	27.43	2.66	83.57	97.18	58.25	756.72	7.63	435.67	1.21	0.64	34.19	827.00
354	12.13	36.60	27.34	2.65	88.33	101.75	60.16	707.11	7.59	352.09	0.85	0.60	34.62	818.00
355	10.00	30.56	33.32	1.33	44.80	61.66	30.45	716.85	7.42	229.41	1.24	2.38	20.37	1033.00
356	11.65	28.82	65.62	2.04	67.95	81.36	46.12	742.70	15.22	241.28	0.82	0.78	25.94	771.50
357	14.48	34.14	52.94	2.58	69.35	88.12	59.04	672.84	14.42	410.10	1.03	0.67	28.00	912.00
358	6.09	30.67	66.92	0.68	22.53	21.68	18.95	385.62	4.05	385.72	1.68	1.98	7.57	2399.00
359	7.18	23.57	33.89	1.22	44.00	63.54	28.08	652.88	6.40	313.93	1.40	1.88	21.79	941.00
360	18.21	26.32	19.39	1.80	78.23	85.68	40.31	698.96	6.74	335.95	1.33	1.32	32.71	801.50
361	16.22	24.59	20.29	1.34	48.89	61.74	29.76	589.93	6.21	213.35	1.07	1.82	22.91	973.50
362	15.46	35.09	41.52	2.26	67.33	82.57	53.71	575.00	7.92	561.34	1.00	0.63	30.53	947.50
363	1.69	13.92	12.39	0.25	5.83	7.76	4.29	347.14	2.06	78.70	0.77	0.85	3.21	542.67
364	10.13	22.60	16.16	1.14	45.21	54.52	25.55	651.82	6.18	110.81	1.09	1.24	21.49	919.00
365	10.55	32.60	23.98	2.30	74.55	90.74	49.57	650.14	7.12	469.39	0.99	0.59	32.51	883.50
366	7.52	29.98	43.98	0.67	17.55	24.99	15.61	510.14	4.62	358.66	1.14	2.84	8.69	1557.00
367	14.99	25.63	21.29	1.19	46.53	46.75	26.69	479.26	5.64	252.99	1.13	1.85	20.05	820.00
368	11.23	25.86	40.23	1.82	67.26	78.40	41.91	633.52	7.01	456.66	0.72	0.68	29.86	715.00
369	0.76	12.25	2.20	0.90	47.86	61.36	16.87	230.93	3.02	80.61	0.25	0.87	20.08	244.28
370	0.76	14.75	2.04	1.08	59.63	75.21	21.08	257.71	3.71	70.87	0.54	1.13	23.10	224.44
371	0.76	14.15	1.60	0.88	41.40	56.63	19.31	209.40	2.63	79.82	0.25	0.81	16.95	204.66
372	0.76	18.03	2.03	1.17	53.88	77.92	25.18	259.47	3.81	98.89	0.25	1.03	22.40	234.16
373	0.76	14.88	2.13	1.15	46.81	75.76	22.38	242.41	3.40	76.72	0.25	0.84	28.53	281.15
374	0.76	17.90	1.98	1.15	46.77	72.04	25.38	233.63	3.45	150.33	0.62	0.89	23.74	185.60
375	0.76	14.64	1.77	0.91	39.07	56.38	19.27	239.38	2.78	78.68	0.25	0.67	21.56	219.62
376	0.76	15.81	2.23	1.06	48.79	67.97	22.92	291.06	3.80	105.60	0.25	0.91	22.15	185.60
377	0.08	20.05	2.53	1.73	75.82	79.17	32.01	313.02	4.79	181.81	0.60	1.20	35.85	227.12
378	0.08	19.48	2.22	1.68	76.98	86.41	31.36	282.09	5.14	123.18	0.56	1.25	34.98	224.80
379	0.08	21.31	2.52	1.75	68.42	88.76	32.34	401.64	4.39	116.45	0.58	1.32	29.40	289.36
380	0.08	19.68	2.34	1.58	70.43	90.10	30.78	335.21	4.58	90.80	0.79	1.29	32.44	288.54
381	0.08	23.43	2.71	1.89	67.40	91.42	37.05	377.57	4.87	207.84	0.61	1.20	33.33	319.99
382	0.08	23.72	2.77	1.92	72.19	101.67	36.43	404.53	5.42	171.66	0.25	1.34	35.93	262.87
383	0.08	22.03	2.29	1.79	65.66	85.67	35.68	335.84	4.32	117.13	0.60	1.16	30.85	310.28
384	0.08	18.58	2.37	1.57	64.55	84.46	29.90	362.77	4.48	103.19	0.25	1.30	29.13	184.12
385	0.76	17.99	4.07	1.54	56.73	74.42	23.57	332.44	4.17	70.60	0.60	1.24	27.28	472.81
386	0.76	21.44	2.32	1.91	73.00	88.06	30.08	310.95	4.75	105.72	0.25	1.27	33.93	232.72
387	1.94	17.52	2.99	1.56	58.63	75.78	24.08	287.57	4.15	89.26	0.25	1.27	27.67	457.51
388	2.35	17.23	2.16	1.78	62.90	78.82	24.84	303.73	3.87	63.36	0.25	1.21	27.70	301.23
389	0.76	15.52	3.64	1.46	47.98	70.09	21.19	314.81	4.15	89.41	0.25	1.03	24.63	576.48
390	1.74	24.19	2.40	2.14	72.47	93.24	33.31	331.36	4.76	73.07	0.67	1.11	32.74	310.32
391	0.76	23.49	4.28	1.80	43.70	69.74	31.98	809.23	4.15	249.86	1.00	1.91	22.82	1019.50
392	4.90	24.40	2.64	1.97	67.25	88.72	31.99	375.07	4.57	78.35	0.25	1.10	31.12	375.33
393	2.29	21.39	2.74	1.79	57.07	68.34	19.87	308.96	3.36	103.77	0.25	1.26	16.71	454.13
394	1.78	21.32	2.04	1.73	61.06	72.99	20.10	277.75	3.15	86.53	0.64	1.03	17.42	253.78
395	1.91	16.74	3.68	1.42	43.16	63.30	15.55	434.28	3.17	158.99	0.52	1.56	13.38	584.63
396	0.76	22.16	1.90	1.86	62.46	68.90	21.67	269.31	3.19	122.81	0.51	1.01	17.05	182.61
397	2.08	21.65	2.77	1.59	51.11	69.26	21.20	339.30	3.57	130.26	0.84	1.34	15.15	452.04
398	2.00	26.71	2.02	1.98	65.23	79.91	28.39	393.08	3.82	153.18	0.25	1.02	19.09	264.32
399	2.05	23.45	1.96	2.02	63.40	73.63	21.73	253.98	3.38	85.74	0.57	1.04	16.92	281.05
400	1.84	22.47	1.93	1.78	60.82	69.76	24.02	245.46	3.33	91.47	0.57	0.94	19.42	229.29
401	4.59	14.76	101.52	0.25	23.38	12.27	5.46	124.69	6.32	68.57	0.59	1.62	5.28	471.24
402	6.33	11.35	109.57	0.25	25.47	8.99	5.58	110.13	7.33	59.57	0.25	1.15	4.14	214.06
403	2.85	9.81	23.51	0.25	24.00	17.33	3.25	118.19	1.24	42.08	0.25	1.13	5.83	328.18
404	2.10	9.44	49.79	0.25	25.21	15.12	3.29	99.65	2.95	40.64	0.25	1.02	5.24	265.33
405	5.78	13.80	15.14	0.25	23.05	28.36	3.92	174.66	1.15	32.75	1.32	2.22	8.23	441.76
406	3.18	7.94	14.66	0.25	32.76	13.81	4.43	107.11	0.95	17.24	0.25	1.06	6.14	179.31

Soil data

	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
407	4.72	10.22	29.00	0.25	41.93	18.52	6.20	199.32	2.08	39.15	0.25	1.21	7.38	318.23
408	5.97	8.89	72.32	0.25	42.68	18.87	5.85	206.23	5.20	41.22	0.25	1.11	5.96	185.21
409	3.69	14.96	127.00	0.25	26.86	13.32	4.87	126.92	7.35	69.22	0.25	1.83	4.68	428.31
410	2.39	10.44	207.81	0.25	7.97	1.25	2.77	56.43	14.21	67.07	0.25	1.29	0.25	194.29
411	3.50	15.98	45.05	0.62	36.16	22.03	4.28	202.66	2.81	51.68	0.25	1.73	8.17	428.70
412	4.28	12.14	116.87	0.57	32.99	17.00	4.45	159.08	6.89	40.16	0.25	1.33	6.45	230.61
413	8.76	26.42	31.16	1.17	44.36	45.42	7.58	346.69	2.85	32.22	2.54	4.98	16.61	898.00
414	5.01	12.41	22.01	0.57	39.44	16.56	5.18	165.12	1.66	13.94	0.53	1.57	7.73	212.30
415	6.36	20.82	34.07	0.85	58.40	28.67	8.03	259.99	2.52	52.69	0.72	2.71	11.81	548.50
416	5.36	14.53	51.26	0.76	49.98	21.34	7.45	170.63	2.93	27.97	0.25	1.68	8.31	258.13
417	6.50	28.04	41.91	0.79	39.79	33.38	8.46	283.76	3.11	94.57	2.41	3.17	12.69	1194.00
418	3.03	10.31	98.79	0.25	14.26	5.89	3.25	57.30	6.24	62.18	0.54	1.15	2.47	267.16
419	3.55	10.17	19.97	0.25	28.32	16.40	3.68	147.82	1.08	37.63	0.63	0.94	6.65	395.90
420	7.96	11.50	56.55	0.25	30.89	19.54	4.94	157.74	3.21	64.44	0.25	1.27	6.31	388.25
421	5.39	15.23	15.55	0.58	27.14	23.88	4.04	160.50	1.09	43.67	1.12	1.37	7.87	503.05
422	5.97	10.79	39.25	0.25	23.50	13.69	3.71	112.91	2.15	31.65	0.25	1.04	5.28	288.25
423	4.05	13.71	34.98	0.62	42.82	25.28	5.79	183.28	2.17	47.45	0.65	1.89	10.01	550.86
424	6.82	8.84	77.73	0.25	26.50	12.06	4.05	94.82	4.78	40.63	0.25	1.05	4.37	227.32
425	5.91	18.79	41.13	0.25	37.11	22.57	5.43	189.27	2.37	58.59	0.75	1.80	7.67	652.12
426	5.82	17.56	92.32	0.25	23.37	13.93	4.69	112.65	5.18	76.91	0.73	1.70	3.53	420.29
427	3.89	8.91	11.77	0.25	26.58	18.83	2.58	142.27	0.87	41.52	0.51	0.94	5.80	403.31
428	3.84	8.13	39.57	0.25	26.07	15.51	2.87	126.80	2.13	31.78	0.25	0.89	4.36	287.26
429	5.42	11.89	23.81	0.25	27.93	17.11	3.78	142.02	1.66	28.69	0.81	1.38	5.77	344.28
430	8.38	9.35	63.67	0.25	34.78	11.12	4.77	157.91	4.01	35.60	0.58	1.10	4.35	164.98
431	4.86	13.61	26.88	0.25	40.95	25.30	4.43	191.84	1.83	60.25	0.61	1.75	8.38	561.27
432	6.79	8.06	55.48	0.25	38.87	23.14	4.60	143.81	3.03	52.10	0.25	1.27	5.60	220.18
433	15.97	46.90	48.90	1.19	104.68	56.30	15.19	533.23	3.94	2.50	1.51	5.19	18.57	1276.07
434	15.54	50.37	47.32	1.09	95.36	59.26	14.46	503.47	3.71	6.19	1.10	4.94	18.44	1162.70
435	17.90	52.76	40.59	1.17	74.74	95.89	17.24	429.58	3.43	19.22	1.32	4.90	16.18	998.15
436	15.62	48.94	42.61	1.14	72.86	56.56	17.47	495.85	3.21	24.96	2.23	5.14	15.42	1338.24
437	21.00	36.62	36.99	1.73	161.84	70.97	18.79	583.65	3.25	11.30	1.37	3.83	22.74	1255.08
438	23.94	33.45	40.17	1.63	168.44	68.55	18.00	509.58	3.35	13.64	0.50	4.26	21.29	848.26
439	5.57	49.33	48.20	0.50	60.01	59.29	13.28	515.19	3.86	26.87	2.17	6.39	13.90	1665.71
440	13.32	46.52	53.92	1.24	93.17	46.97	16.43	532.11	3.93	2.50	1.15	6.29	18.48	1258.25
441	11.65	48.73	50.72	0.50	76.21	36.11	9.66	340.64	4.81	7.80	0.50	7.57	14.63	656.68
442	4.78	42.73	31.66	0.50	118.70	41.71	11.88	1012.46	3.09	151.73	1.58	7.06	11.50	1301.13
443	9.57	31.77	32.32	0.50	81.26	29.19	12.50	603.17	3.55	38.69	0.50	4.66	13.44	947.27
444	15.15	34.16	35.66	0.50	69.62	40.84	11.39	443.53	3.76	12.72	1.16	4.73	14.05	983.78
445	13.97	37.86	40.68	0.99	66.12	34.23	17.50	500.96	5.52	24.02	1.13	6.51	13.64	1219.00
446	22.05	39.77	56.70	0.96	53.29	44.20	19.18	379.18	5.35	35.34	0.52	4.43	14.17	1257.00
447	22.79	42.60	48.31	0.84	48.61	39.15	16.48	313.44	5.36	22.95	0.25	4.36	14.08	994.00
448	19.99	33.56	30.48	1.34	82.58	50.82	22.28	573.68	4.64	8.37	1.02	4.28	18.19	1392.00
449	17.49	30.62	34.01	1.40	126.79	56.61	20.49	585.65	4.46	10.17	0.25	3.22	20.14	1253.00
450	10.90	22.14	42.70	1.28	123.39	48.67	13.86	267.58	4.81	5.12	0.25	4.21	18.75	821.00
451	8.85	37.37	50.52	0.89	45.96	31.37	17.74	504.66	5.15	70.00	1.96	8.48	11.83	1500.50
452	15.37	43.27	54.88	1.31	73.70	48.98	23.84	584.96	5.36	38.05	1.15	4.79	18.41	1516.50
453	14.66	41.05	58.88	1.04	60.81	42.03	17.79	450.75	5.76	38.56	0.60	4.98	16.60	1049.00
454	10.63	31.85	39.08	0.69	36.48	22.61	13.74	347.62	5.64	23.33	0.69	4.60	10.27	847.50
455	6.01	34.52	41.38	0.91	72.32	26.21	21.63	580.82	4.77	31.49	1.16	5.49	11.02	1180.50
456	7.21	30.72	38.75	0.57	25.48	20.45	12.90	185.71	6.36	43.69	1.23	5.56	8.04	421.18
457	8.94	19.02	23.13	0.51	28.83	16.60	8.67	160.15	1.62	20.82	0.69	2.41	6.48	478.32
458	21.75	33.89	44.80	0.86	39.67	32.13	14.38	151.45	3.85	39.59	0.74	4.86	11.72	722.00
459	10.03	31.61	50.81	1.16	66.11	40.82	13.52	351.60	3.95	40.19	0.80	5.29	13.98	1311.50
460	15.71	28.38	65.74	1.12	61.73	38.47	13.93	293.86	3.43	48.31	0.25	4.15	13.28	1052.50
461	13.16	32.14	63.15	1.17	51.44	34.94	17.32	307.12	3.63	47.13	0.79	5.14	12.69	1107.50

Soil data

	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
462	12.19	29.33	53.55	0.92	46.39	33.10	11.74	197.03	4.02	39.97	0.25	5.78	12.17	591.79
463	7.57	19.74	22.41	0.25	21.78	14.28	8.33	166.58	2.52	36.89	0.60	2.80	5.35	412.35
464	9.45	26.57	37.11	0.55	26.08	17.43	8.79	148.29	4.89	59.37	1.18	4.94	7.38	416.46
465	11.15	29.13	68.49	1.41	67.76	50.62	16.24	322.10	2.55	73.17	0.73	3.52	17.57	1382.50
466	13.20	29.57	47.65	1.34	67.13	55.67	14.98	277.14	2.71	54.40	0.25	2.82	20.72	1087.50
467	11.37	31.82	39.48	1.11	45.71	28.91	16.82	613.80	3.58	91.67	1.38	5.33	11.16	1318.00
468	21.26	32.54	35.63	1.76	96.15	61.64	21.64	416.61	3.46	36.55	1.01	3.81	18.31	1260.00
469	11.73	33.41	50.86	0.87	45.02	28.60	13.62	316.03	4.04	26.39	0.80	4.69	11.84	888.00
470	13.07	29.78	40.13	0.90	50.87	26.92	13.82	278.72	3.83	18.03	0.25	4.04	12.61	689.50
471	11.48	29.19	43.60	0.70	40.54	24.16	9.74	293.52	3.90	26.45	0.66	4.33	9.54	904.50
472	11.64	30.82	36.20	0.75	30.76	19.06	11.73	213.40	4.38	29.28	0.74	4.69	9.71	430.69

Soil data

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	Pb_mg_Kg	S_g_Kg	Zn_mg_Kg	Ca-e_g_Kg	Cd-e_mg_Kg	Cr-e_mg_Kg	Cu-e_mg_Kg	Fe-e_mg_Kg	K-e_mg_Kg	Mg-e_g_Kg	Mn-e_mg_Kg
2	10.31	5.61	16.25	7.00	0.04	0.72	0.19	265.63	441.94	2.11	203.21
3	9.66	6.69	33.18	6.67	0.06	2.64	0.87	369.17	245.92	1.82	105.84
4	2.57	0.80	35.20	1.99	0.05	2.23	2.18	402.51	44.34	0.42	44.99
5	2.00	0.53	32.89	2.03	0.05	2.07	2.08	447.18	37.45	0.37	44.61
6	7.23	5.24	20.20	7.22	0.04	0.81	0.20	225.49	406.02	2.25	198.12
7	10.50	13.65	45.56	5.59	0.05	4.26	0.95	244.42	134.93	1.45	51.25
8	2.36	0.82	32.78	1.72	0.03	1.88	2.54	412.84	39.35	0.44	39.32
9	1.93	0.44	31.40	1.53	0.05	1.32	2.47	442.92	39.56	0.35	45.35
10	8.95	6.00	20.62	8.74	0.05	1.29	0.24	268.25	433.34	2.27	220.90
11	713.04	11.03	36.48	4.69	0.05	4.76	0.93	270.96	94.04	1.07	51.88
12	3.21	0.70	31.93	1.55	0.03	1.55	2.75	480.44	35.46	0.37	29.62
13	2.79	0.50	32.15	1.53	0.03	2.07	2.43	511.28	30.39	0.34	38.96
14	8.11	8.59	34.63	7.92	0.05	2.63	0.24	219.77	249.60	2.01	114.31
15	10.03	19.86	50.48	6.55	0.06	4.68	1.42	274.16	116.28	1.78	56.55
16	9.17	1.43	35.86	2.18	0.05	1.98	2.32	380.92	37.28	0.48	36.71
17	2.97	0.51	36.06	1.92	0.05	2.10	2.60	428.77	29.55	0.39	36.91
18	1.71	6.05	13.10	7.06	0.04	0.04	0.175	57.66	492.95	1.15	77.14
19	2.47	5.79	31.26	6.51	0.05	0.05	1.8973	352.65	170.28	1.08	53.81
20	0.60	0.84	37.71	2.00	0.07	0.07	2.1133	521.96	30.59	0.31	44.95
21	1.20	6.75	12.71	8.88	0.04	0.04	0.21	22.53	507.85	1.47	76.26
22	0.85	2.42	31.67	2.32	0.07	0.12	2.8602	711.71	52.00	0.44	40.52
23	0.68	0.89	34.44	1.60	0.06	0.14	2.3687	588.15	40.19	0.29	40.24
24	1.64	6.36	12.49	10.47	0.05	0.05	0.23	38.53	511.15	1.54	91.09
25	1.66	12.19	27.65	6.34	0.05	0.05	1.6969	249.49	122.94	1.10	39.69
26	0.77	1.09	33.87	1.22	0.05	0.06	2.6643	577.14	24.68	0.24	23.12
27	1.65	6.88	16.06	8.65	0.04	0.04	0.195	15.87	311.25	1.36	62.54
28	1.42	11.72	41.43	4.81	0.04	0.40	2.2948	322.84	83.13	0.89	42.45
29	0.66	0.83	36.56	1.88	0.06	0.20	2.5368	551.82	31.93	0.33	35.17
30	1.00	4.56	19.16	6.81	0.04	0.04	0.195	69.92	529.77	1.24	108.49
31	1.00	0.56	26.82	1.98	0.04	0.06	2.0973	358.01	28.79	0.30	45.20
32	1.00	2.81	6.29	7.09	0.04	0.04	0.195	37.13	452.05	1.39	129.01
33	1.00	0.59	28.45	1.50	0.06	0.09	2.8025	489.75	34.78	0.30	30.17
34	1.00	3.98	9.12	6.69	0.04	0.04	0.19	79.43	649.11	1.21	106.32
35	1.00	0.49	26.37	1.13	0.02	0.07	2.05945	423.55	35.59	0.25	12.66
36	1.00	3.09	8.48	8.09	0.05	0.05	0.215	33.64	1034.05	1.39	85.86
37	1.00	0.51	29.50	1.57	0.05	0.06	2.1487	393.72	31.47	0.28	30.66
38	3.88	4.96	17.64	9.88	0.05	0.05	0.87065	242.97	123.74	1.65	394.23
39	3.35	0.44	25.56	3.45	0.06	0.13	1.1798	114.69	134.56	0.89	114.45
40	3.25	4.84	24.33	7.48	0.05	0.05	0.0435	85.38	334.93	1.36	138.45
41	2.94	0.46	23.69	1.79	0.07	0.09	1.8261	340.92	33.35	0.30	46.02
42	3.66	5.41	16.21	5.59	0.04	0.04	0.165	41.01	132.96	1.00	82.07
43	2.33	0.29	22.19	1.49	0.07	0.09	3.7706	394.72	30.70	0.29	31.86
44	3.81	5.22	17.18	7.73	0.05	0.05	0.225	28.91	374.46	1.48	81.02
45	3.83	0.41	26.67	0.98	0.05	0.10	2.1102	452.91	32.29	0.23	9.58
46	0.00	1.23	97.09	1.95	0.09	0.02	10.835	553.88	13.86	0.32	348.28
47	0.02	0.62	100.40	1.77	0.08	0.06	19.205	636.65	13.07	0.31	600.00
48	0.00	0.48	82.03	1.81	0.08	0.08	23.55	881.18	15.68	0.34	506.30
49	0.00	0.48	83.55	2.68	0.06	0.02	7.965	73.67	20.72	0.50	159.47
50	0.00	0.27	52.88	2.04	0.05	0.02	9.775	179.23	19.20	0.47	105.89
51	0.01	0.30	36.96	1.41	0.02	0.02	8.93	548.41	16.88	0.36	150.85
52	0.00	0.50	75.13	2.82	0.06	0.02	3.6	47.46	18.44	0.59	124.83
53	0.00	0.19	37.29	1.91	0.02	0.02	4.805	135.01	9.19	0.56	87.72
54	0.00	0.45	40.27	1.60	0.05	0.02	7.275	227.41	10.47	0.48	49.31
55	0.00	0.38	64.88	2.23	0.05	0.05	7.88	183.66	14.03	0.47	107.55
56	0.02	0.28	60.01	1.98	0.05	0.07	9.325	259.41	14.81	0.51	128.11
57	0.00	0.26	33.92	1.48	0.06	0.06	7.63	540.39	10.17	0.46	132.19
58	8.60	1.11	121.26	3.62	0.09	0.04	10.4209	221.61	33.07	0.81	294.46
59	6.05	0.46	70.49	1.98	0.06	0.03	8.57315	166.65	18.76	0.59	118.38
60	5.50	0.86	119.78	3.79	0.08	0.03	5.5582	49.88	33.94	0.79	259.88

Soil data

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
61	2.95	0.24	43.59	2.06	0.03	0.03	4.74815	73.35	19.72	0.55	129.36
62	4.65	0.52	91.05	2.95	0.09	0.03	4.9801	36.01	21.35	0.78	162.53
63	4.25	0.40	71.51	2.15	0.08	0.03	8.67875	117.04	16.32	0.70	153.96
64	5.95	0.65	89.94	2.55	0.08	0.07	18.4155	391.78	23.44	0.69	217.05
65	10.50	0.60	56.39	1.43	0.07	0.03	9.84415	489.85	19.64	0.53	162.39
66	9.60	0.61	88.20	1.15	0.10	0.06	17.40285	619.83	50.30	0.64	64.52
67	5.11	0.29	38.42	4.35	0.04	0.04	5.2847	383.27	151.04	0.85	276.17
68	6.89	0.80	103.35	2.58	0.11	0.03	15.67825	425.83	79.27	0.69	151.88
69	6.18	0.30	64.44	1.13	0.08	0.03	16.3291	653.67	57.27	0.67	64.90
70	7.65	0.86	104.01	4.17	0.05	0.05	8.95835	612.89	246.20	0.74	227.22
71	6.09	0.44	51.69	2.31	0.10	0.09	14.813	345.78	84.04	0.68	115.69
72	7.85	0.57	93.65	1.19	0.09	0.06	16.53795	599.42	67.79	0.65	56.82
73	6.55	0.50	70.34	5.29	0.08	0.04	7.1212	312.40	165.48	0.70	173.14
74	29.52	0.64	86.31	2.79	0.09	0.06	5.21	56.26	22.67	0.62	154.74
75	31.87	0.39	58.20	1.88	0.08	0.03	9.03	119.39	18.52	0.56	116.37
76	38.13	0.68	139.69	3.85	0.11	0.08	7.13	38.94	33.13	0.77	297.85
77	43.85	0.47	91.01	2.72	0.10	0.03	9.23	72.09	22.74	0.68	147.87
78	31.92	0.68	100.99	3.46	0.09	0.03	3.28	42.99	30.30	0.84	221.25
79	32.36	0.40	68.70	1.97	0.07	0.03	6.04	106.34	18.62	0.66	109.30
80	31.15	0.55	93.21	2.93	0.08	0.03	5.33	48.50	22.40	0.70	180.99
81	36.58	0.63	84.55	2.40	0.08	0.07	13.44	242.34	23.33	0.63	195.18
82	24.01	0.38	80.95	1.67	0.09	0.18	16.13	367.86	44.93	0.76	84.33
83	20.45	0.34	78.11	1.51	0.08	0.15	16.01	317.56	40.39	0.73	75.97
84	22.20	0.34	82.40	1.50	0.09	0.21	15.56	337.56	39.13	0.72	72.33
85	8.29	22.09	50.06	2.54	0.07	0.07	0.35145	79.35	72.85	0.78	55.23
86	6.15	26.09	43.90	3.07	0.13	0.13	1.20395	194.34	108.76	0.90	50.49
87	6.78	27.04	48.18	2.46	0.07	0.10	2.04755	174.29	103.50	0.79	41.13
88	13.75	1.86	77.87	5.21	0.09	0.33	2.60	1260.54	15.37	0.48	76.17
89	14.49	1.76	79.77	5.91	0.03	0.03	0.14	558.97	17.23	0.77	61.41
90	13.82	1.75	80.69	6.88	0.07	0.11	0.17	881.44	21.40	0.86	80.95
91	0.00	0.79	40.68	5.73	0.02	0.02	0.01	10.87	20.16	0.45	28.08
92	0.00	1.07	52.88	5.75	0.02	0.02	0.01	14.27	18.72	0.45	28.56
93	0.00	0.90	45.46	5.71	0.02	0.02	0.01	17.06	17.36	0.45	28.19
94	1.00	1.39	73.28	7.30	0.03	0.03	0.16	36.07	20.24	0.60	35.42
95	1.00	1.33	70.39	6.94	0.03	0.03	0.15	17.30	20.80	0.60	30.13
96	0.76	1.51	80.34	6.82	0.03	0.03	0.145	6.95	20.98	0.61	24.47
97	3.40	1.36	73.86	7.10	0.03	0.03	0.14	7.30	24.86	0.62	27.37
98	1.00	1.42	73.56	7.21	0.03	0.03	0.145	11.30	22.07	0.57	28.99
99	1.00	1.41	73.57	7.11	0.03	0.03	0.14	8.98	24.41	0.60	25.76
100	5.20	1.22	64.35	8.88	0.05	0.05	0.255	26.57	341.73	1.61	93.99
101	6.05	1.25	66.93	1.51	0.07	0.09	2.07445	417.39	22.03	0.27	30.51
102	6.24	1.16	66.46	11.10	0.04	0.04	0.21	20.14	106.45	1.05	22.66
103	2.23	10.61	78.38	8.32	0.03	0.03	0.14	12.17	38.01	0.60	23.89
104	2.35	10.97	80.50	7.95	0.03	0.03	0.13	8.92	37.31	0.57	22.42
105	2.27	10.66	79.31	8.21	0.03	0.03	0.135	1.39	40.17	0.63	17.80
106	42.45	7.24	62.44	6.09	0.04	0.30	0.21	151.21	74.30	1.62	223.55
107	49.76	2.57	51.01	2.71	0.03	0.57	0.59	56.92	71.06	0.93	84.04
108	39.05	11.63	72.08	9.11	0.07	0.38	0.95	315.98	122.01	1.95	396.55
109	47.41	15.90	63.66	7.72	0.07	0.32	0.73	154.97	78.06	2.19	268.03
110	53.58	2.89	54.60	2.55	0.03	0.47	0.63	49.65	59.80	0.95	62.08
111	42.94	10.47	73.62	8.73	0.05	0.35	0.22	106.81	141.54	2.25	470.35
112	54.98	2.23	56.62	3.12	0.03	0.53	0.71	68.45	92.20	1.19	111.96
113	33.66	9.72	72.33	9.79	0.05	0.28	0.26	203.04	157.96	2.17	402.41
114	42.21	9.47	56.18	6.85	0.04	0.99	0.18	53.29	84.94	1.99	203.63
115	55.98	2.76	40.97	3.28	0.03	2.35	0.89	135.46	47.68	1.17	100.92
116	7.66	6.91	48.95	6.16	0.04	0.04	0.3806	125.90	79.33	0.96	250.38
117	14.67	3.21	39.33	2.38	0.03	0.03	0.5665	21.98	57.90	0.51	73.47
118	11.24	8.94	59.88	8.12	0.04	0.04	0.2	108.61	114.29	1.18	338.54
119	18.90	4.88	51.96	4.28	0.03	0.03	0.3166	86.77	73.85	0.75	166.24
120	2.77	14.11	57.72	10.07	0.05	0.05	0.245	160.78	116.60	1.39	453.56

Soil data

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
121	19.63	3.13	46.75	2.42	0.02	0.02	0.7247	53.68	66.87	0.62	73.70
122	11.92	8.23	58.28	6.15	0.03	0.03	0.16	96.07	82.33	0.97	238.69
123	17.06	2.02	46.94	2.30	0.03	0.03	0.7209	55.77	66.80	0.60	56.19
124	23.90	7.12	44.72	6.32	0.04	0.04	0.17	81.13	80.79	1.06	295.12
125	28.40	2.27	32.76	2.75	0.03	0.03	0.68785	48.62	70.71	0.64	91.77
126	27.50	8.02	43.08	5.80	0.04	0.04	0.17	87.66	61.56	1.07	219.96
127	17.15	9.62	44.43	9.19	0.05	0.05	0.25	180.48	80.10	1.44	403.84
128	30.80	2.07	32.99	2.30	0.03	0.03	0.61035	34.63	58.70	0.63	55.10
129	26.00	9.40	44.42	6.72	0.04	0.04	0.195	105.15	86.55	1.18	324.01
130	35.85	3.06	37.52	2.67	0.03	0.03	0.64765	23.20	73.88	0.71	79.53
131	23.20	7.50	47.20	5.88	0.04	0.04	0.185	111.70	87.96	1.11	236.47
132	35.65	1.58	37.92	2.15	0.03	0.03	0.78455	39.57	67.07	0.60	59.65
133	27.30	7.72	43.12	7.63	0.04	0.04	0.19	52.63	112.53	1.66	25.04
134	38.30	2.28	34.00	8.88	0.05	0.05	0.22	46.74	117.79	1.90	54.27
135	21.80	9.37	44.61	8.46	0.05	0.05	0.215	42.30	127.72	1.88	50.80
136	41.20	1.92	40.13	6.06	0.03	0.03	0.15	5.14	111.14	1.26	34.05
137	28.05	6.92	44.03	6.58	0.03	0.03	0.15	3.95	117.73	1.26	32.95
138	39.40	2.92	36.59	5.83	0.03	0.03	0.145	3.89	101.79	1.20	30.02
139	23.75	8.53	59.81	4.91	0.04	0.04	3.91915	309.41	192.29	0.91	431.28
140	36.90	1.56	43.15	2.36	0.13	0.03	15.0885	458.75	67.82	0.65	140.07
141	0.00	0.74	44.36	2.74	0.12	0.08	17.09835	736.35	81.10	0.52	67.95
142	0.00	0.38	66.40	1.45	0.10	0.30	21.40745	1270.26	30.22	0.65	84.10
143	0.00	0.82	50.12	2.57	0.13	0.08	17.26325	774.66	77.76	0.42	49.58
144	0.00	0.40	75.97	1.53	0.10	0.27	19.75525	1288.16	23.41	0.68	90.24
145	0.01	1.37	37.35	3.47	0.10	0.04	12.9412	541.54	106.68	0.47	49.55
146	0.00	1.07	69.34	2.01	0.12	0.13	19.55555	852.04	39.48	0.50	86.88
147	0.00	1.01	50.41	3.11	0.11	0.09	16.4759	512.99	79.36	0.48	65.49
148	0.00	0.46	56.48	1.55	0.11	0.27	20.65335	1114.81	32.49	0.64	79.86
149	9.60	1.63	88.59	2.92	0.08	0.04	10.4103	330.49	61.88	0.49	55.78
150	0.76	0.62	86.19	1.47	0.08	0.18	16.49595	524.20	21.53	0.72	75.92
151	0.76	1.33	88.89	2.66	0.05	0.05	11.51515	416.13	71.13	0.43	45.98
152	0.76	0.59	83.23	1.57	0.08	0.13	13.54795	632.66	21.39	0.73	95.86
153	0.76	2.24	86.75	3.02	0.10	0.04	11.49225	392.66	100.80	0.52	71.65
154	0.76	0.50	84.67	1.29	0.08	0.17	14.988	405.32	23.65	0.65	75.52
155	0.76	2.32	89.69	3.45	0.04	0.40	7.5	225.81	93.20	0.42	44.38
156	0.76	0.86	86.34	1.50	0.09	0.12	16.08975	450.59	30.28	0.53	81.12
157	14.06	1.81	82.87	1.33	0.13	0.21	14.96845	874.22	60.86	0.70	44.05
158	11.91	1.36	82.89	3.01	0.11	0.05	8.46445	1257.31	504.43	1.27	169.19
159	9.84	1.51	79.11	1.60	0.12	0.15	14.4297	817.97	86.94	0.75	50.29
160	12.41	0.94	93.40	3.62	0.08	0.04	16.2037	306.52	53.04	0.43	38.25
161	9.85	2.48	95.41	2.21	0.11	0.06	14.9805	532.88	33.99	0.48	74.01
162	10.00	0.56	80.47	2.88	0.08	0.03	10.63635	455.33	46.05	0.40	42.42
163	19.09	2.39	86.76	1.55	0.11	0.19	20.94	830.95	30.23	0.63	60.35
164	12.65	1.45	88.95	5.19	0.04	0.04	4.3457	247.95	254.09	0.65	77.14
165	21.29	1.48	73.71	3.24	0.08	0.09	8.35	230.18	42.36	0.39	34.29
166	25.70	0.50	82.32	1.51	0.10	0.24	19.25	692.89	24.85	0.68	91.87
167	20.73	1.32	68.80	2.88	0.08	0.09	11.35	379.43	39.39	0.40	39.20
168	25.84	0.42	77.77	1.60	0.09	0.25	18.05	822.93	20.37	0.70	152.03
169	20.33	1.87	75.01	3.73	0.09	0.12	9.39	261.82	57.76	0.44	45.41
170	23.55	0.58	72.14	1.35	0.09	0.27	16.84	560.12	33.27	0.57	93.84
171	23.64	2.18	82.26	3.75	0.04	0.04	9.71	264.65	88.63	0.39	34.08
172	24.47	0.48	74.51	1.26	0.08	0.29	15.32	586.52	29.48	0.55	83.18
173	0.01	4.91	58.33	4.11	0.05	0.15	6.49635	323.44	104.93	0.73	177.20
174	0.01	3.05	50.20	2.34	0.07	0.12	1.5338	70.53	78.89	0.41	140.86
175	0.00	8.50	58.12	3.61	0.05	0.13	8.65155	240.07	116.27	0.75	187.70
176	0.00	6.73	42.93	5.17	0.06	0.12	6.32265	544.98	125.54	0.97	266.75

Soil data

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
177	0.01	3.93	54.15	3.79	0.05	0.17	11.14475	552.97	113.59	0.76	132.56
178	0.00	4.28	62.83	3.60	0.05	0.11	9.535	316.48	95.57	0.75	158.25
179	0.00	3.51	35.35	3.78	0.07	0.16	10.06965	624.33	131.39	0.79	172.58
180	0.03	3.78	46.22	3.76	0.06	0.16	11.06015	550.76	107.77	0.84	150.41
181	0.00	4.86	42.85	3.63	0.05	0.12	9.13615	321.26	95.99	0.83	164.14
182	0.00	3.88	41.57	3.61	0.03	0.15	9.66525	649.91	129.76	0.78	169.72
183	0.00	4.48	47.04	3.57	0.03	0.16	9.8483	439.96	108.73	0.79	156.06
184	0.01	4.61	46.14	3.64	0.07	0.12	8.1846	225.29	119.38	0.79	226.50
185	1.00	3.99	61.28	3.46	0.06	0.08	5.53265	239.26	166.53	0.81	165.21
186	1.00	7.22	68.92	3.79	0.07	0.07	5.54435	124.70	136.65	0.88	194.26
187	1.00	9.24	66.17	4.03	0.07	0.03	4.658	50.64	90.58	0.89	190.27
188	1.00	5.54	52.03	4.25	0.04	0.04	4.8891	632.00	282.24	0.96	203.29
189	1.00	4.06	59.98	3.23	0.05	0.07	4.52065	138.57	151.23	0.79	147.83
190	4.50	12.24	64.77	4.24	0.03	0.03	7.15585	130.85	112.90	0.94	153.09
191	1.00	4.09	55.27	3.36	0.03	0.11	6.78475	316.66	181.68	0.85	149.26
192	1.00	4.62	54.85	3.84	0.03	0.10	6.46865	228.50	123.66	0.94	143.35
193	1.00	7.88	60.32	3.68	0.03	0.09	6.96205	109.85	111.91	0.96	141.42
194	1.00	4.39	54.04	4.22	0.03	0.08	5.79115	365.14	311.28	0.90	158.31
195	7.00	4.52	56.14	3.93	0.03	0.08	4.11125	168.64	145.20	0.85	151.27
196	4.00	8.06	65.36	3.64	0.05	0.06	6.6898	113.06	116.54	0.87	136.19
197	22.47	6.93	60.84	3.32	0.02	0.07	4.48245	384.00	110.37	0.69	128.44
198	9.26	4.35	67.35	3.05	0.05	0.07	3.7231	133.79	92.01	0.86	170.99
199	13.19	4.87	63.86	2.43	0.01	0.08	5.67725	297.85	94.27	0.57	106.22
200	15.21	4.88	69.00	2.75	0.03	0.06	6.85995	227.59	81.71	0.70	140.48
201	11.15	4.64	64.51	2.44	0.03	0.08	6.03815	246.87	99.06	0.71	131.78
202	18.25	7.98	64.49	2.79	0.01	0.06	6.25555	177.78	73.26	0.68	108.45
203	20.83	2.51	62.29	2.25	0.02	0.08	6.0111	221.49	109.72	0.65	119.97
204	12.51	7.58	67.83	2.91	0.03	0.06	5.9375	165.57	84.98	0.77	148.19
205	11.54	9.89	65.88	3.43	0.03	0.10	8.71	398	88.8	0.78	135
206	7.65	5.92	72.43	3.51	0.03	0.07	6.85	213	92.0	0.95	178
207	12.76	3.48	66.11	2.89	0.01	0.13	9.00	476	126.1	0.73	131
208	11.36	6.96	64.20	3.93	0.02	0.11	8.27	361	116.0	0.82	148
209	19.23	3.39	51.75	2.71	0.01	0.14	8.91	445	135.6	0.79	108
210	11.75	10.06	59.86	3.22	0.02	0.11	7.82	246	96.8	0.92	124
211	16.26	3.59	56.99	2.90	0.01	0.12	9.05	364	115.0	0.81	144
212	16.25	6.10	63.81	3.36	0.03	0.09	7.76	231	95.5	0.94	165
213	21.76	13.30	53.70	9.55	0.06	0.60	0.29	147.15	218.10	3.57	132.13
214	15.07	12.65	75.98	5.64	0.03	0.30	0.16	36.90	73.83	2.03	40.72
215	19.75	19.15	63.53	6.13	0.04	0.32	0.16	32.67	95.58	2.36	31.04
216	6.94	21.03	66.74	6.16	0.04	0.28	0.17	10.51	107.45	2.27	27.18
217	7.30	20.77	74.55	6.18	0.04	0.25	0.17	9.23	120.20	2.18	19.43
218	13.47	16.38	61.37	12.66	0.08	0.27	0.39	181.31	160.39	4.80	128.22
219	15.65	18.86	47.45	7.97	0.05	0.21	0.23	62.74	112.36	3.02	62.40
220	15.91	13.49	44.93	6.32	0.04	0.28	0.18	50.56	94.02	2.31	38.71
221	18.89	19.52	49.00	7.31	0.05	0.24	0.22	109.22	134.01	2.86	65.21
222	16.68	20.75	56.27	6.21	0.04	0.24	0.17	43.05	95.15	2.21	32.07
223	6.65	21.28	72.80	5.55	0.03	0.18	0.15	10.42	96.02	1.95	24.34
224	1.84	19.32	49.31	9.93	0.05	0.05	0.26	54.16	165.85	1.95	100.89
225	2.00	14.02	49.84	5.90	0.03	0.03	0.16	59.77	103.45	1.21	39.79
226	0.16	17.73	73.42	5.54	0.03	0.03	0.155	50.25	80.34	1.17	27.09
227	1.93	21.58	47.36	9.25	0.06	0.06	0.285	71.05	140.92	2.08	67.60
228	1.45	27.00	48.60	6.55	0.04	0.04	0.17	17.94	120.00	1.30	29.83
229	0.83	24.80	53.45	5.60	0.03	0.03	0.14	0.97	151.42	1.08	19.10
230	1.41	19.82	56.06	8.67	0.05	0.05	0.245	48.89	129.28	1.76	92.88
231	2.75	18.87	53.45	5.17	0.03	0.03	0.14	30.78	81.44	1.07	32.81
232	2.68	20.04	54.99	5.62	0.03	0.03	0.15	25.02	81.42	1.14	32.96
233	1.35	24.27	59.48	6.07	0.03	0.03	0.16	39.21	97.65	1.23	34.95

Soil data

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
234	1.37	23.59	59.22	5.84	0.03	0.03	0.15	20.70	106.15	1.15	24.07
235	6.15	21.60	51.07	6.68	0.04	0.04	0.185	20.03	104.54	1.42	36.67
236	1.00	20.02	72.67	5.74	0.04	0.04	0.165	10.29	85.50	1.26	25.82
237	2.60	21.17	37.10	7.98	0.05	0.05	0.235	29.38	122.08	1.76	57.85
238	17.40	25.16	48.11	5.74	0.03	0.03	0.145	19.50	91.03	1.13	25.18
239	1.00	20.90	42.87	9.65	0.06	0.06	0.295	26.18	166.55	2.16	75.41
240	1.00	22.70	40.60	6.37	0.04	0.04	0.165	6.72	126.42	1.27	31.95
241	1.00	19.00	37.69	6.69	0.04	0.04	0.17	16.55	109.90	1.31	37.71
242	1.00	18.38	50.37	5.22	0.03	0.03	0.15	8.01	103.65	1.14	26.70
243	7.45	20.58	58.22	6.38	0.03	0.03	0.14	9.03	18.78	0.58	25.08
244	1.00	17.02	65.00	6.35	0.03	0.03	0.14	11.96	20.40	0.60	28.84
245	1.00	16.59	47.61	5.70	0.03	0.03	0.125	6.32	18.00	0.56	22.49
246	6.55	20.62	46.59	8.94	0.05	0.05	0.22	39.96	137.13	1.91	51.34
247	4.20	14.70	45.77	7.75	0.04	0.04	0.2	48.29	116.36	1.72	40.67
248	1.00	18.85	35.92	10.44	0.06	0.06	0.27	51.54	167.72	2.32	102.43
249	7.65	17.56	45.21	8.15	0.04	0.04	0.21	16.18	116.03	1.81	39.56
250	1.00	23.03	48.94	10.91	0.06	0.06	0.265	58.65	132.20	2.40	86.29
251	14.09	5.95	116.26	2.74	0.09	0.68	14.32	349.08	141.56	0.90	133.35
252	12.20	2.27	87.17	2.09	0.09	0.28	11.41	559.96	66.09	1.03	85.93
253	12.29	4.30	96.08	2.71	0.08	0.35	12.63	421.79	117.07	1.07	128.64
254	12.56	1.73	87.23	1.38	0.06	0.37	14.78	482.87	76.35	1.00	60.77
255	9.47	3.98	82.95	3.22	0.07	0.58	12.84	556.98	130.77	1.11	291.56
256	11.53	1.49	88.13	1.31	0.08	0.39	15.87	791.53	76.94	1.04	54.73
257	10.99	2.47	73.75	3.90	0.05	0.62	9.18	596.47	202.43	1.11	310.63
258	13.24	3.28	96.56	2.30	0.04	0.41	12.01	483.36	99.15	0.75	99.98
259	14.42	3.08	96.82	2.32	0.07	0.47	13.17	415.56	90.57	0.89	116.96
260	11.94	1.41	86.95	1.50	0.08	0.28	13.09	598.69	63.54	0.97	69.56
261	1.44	5.44	90.96	2.34	0.08	0.03	15.6175	365.47	70.96	0.60	112.45
262	1.58	1.53	78.88	0.94	0.08	0.05	13.8071	469.72	45.68	0.53	48.95
263	1.24	6.72	87.77	2.63	0.07	0.07	13.5781	330.79	78.72	0.63	126.04
264	1.45	3.12	81.67	1.33	0.08	0.03	13.9459	569.57	65.89	0.59	62.91
265	1.49	3.94	79.22	1.82	0.07	0.07	14.0285	355.91	68.74	0.58	91.77
266	5.20	1.90	78.13	1.09	0.08	0.06	16.1829	646.85	60.65	0.61	53.62
267	1.69	2.95	54.51	4.88	0.04	0.04	3.2264	347.43	141.14	0.82	469.96
268	1.10	1.84	82.48	2.36	0.08	0.03	15.0456	460.26	93.02	0.63	102.01
269	2.24	10.71	79.38	1.09	0.08	0.06	15.6989	605.21	57.11	0.57	57.22
270	1.00	3.63	76.75	1.99	0.09	0.03	13.4105	335.95	65.76	0.69	90.29
271	1.00	1.35	66.80	0.96	0.10	0.06	15.34945	524.78	51.57	0.63	48.93
272	1.00	3.55	75.66	2.28	0.08	0.04	13.4182	353.51	86.65	0.71	104.39
273	1.00	1.32	70.51	1.03	0.10	0.07	16.56165	465.48	58.61	0.60	52.88
274	3.55	2.81	71.50	1.30	0.09	0.05	15.88075	467.26	43.10	0.58	75.72
275	1.00	2.23	67.37	0.98	0.09	0.07	17.96055	677.07	58.19	0.57	58.68
276	1.00	2.58	60.02	4.30	0.04	0.04	7.05645	412.85	116.76	0.80	329.75
277	4.25	2.98	73.58	2.36	0.09	0.04	14.12035	380.98	87.73	0.65	102.34
278	1.00	1.42	67.23	1.02	0.10	0.07	16.34195	531.91	54.65	0.61	54.03
279	9.31	5.05	76.49	6.31	0.03	0.03	0.115	1.38	14.37	0.50	3.10
280	11.88	5.11	82.58	6.28	0.03	0.10	0.12	5.99	34.62	0.48	9.74
281	12.99	2.14	73.30	6.44	0.03	0.06	0.12	2.52	15.82	0.43	5.39
282	8.40	3.29	64.31	9.18	0.04	0.09	0.195	23.72	63.20	0.77	23.32
283	23.54	4.79	84.95	6.74	0.03	0.03	0.125	2.85	33.05	0.54	3.03
284	11.77	1.64	67.01	7.55	0.03	0.10	0.145	3.88	46.60	0.67	5.63
285	8.21	7.05	68.09	6.61	0.03	0.03	0.12	0.55	10.60	0.52	1.64
286	12.95	4.04	81.25	2.38	0.08	0.04	9.09175	563.48	113.95	1.04	51.77
287	12.54	1.89	74.00	1.25	0.08	0.30	14.77025	688.05	71.09	0.78	40.84
288	9.76	4.78	81.31	2.01	0.08	0.11	9.91775	546.14	86.73	0.92	61.32
289	13.06	2.94	77.08	1.37	0.11	0.25	15.32875	736.57	84.91	0.77	44.79

Soil data

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
290	12.54	2.22	69.91	2.72	0.11	0.10	7.7736	426.83	118.12	1.14	63.25
291	0.02	0.77	83.24	3.34	0.06	0.14	0.25	16.87	68.82	0.64	80.70
292	0.00	0.88	48.97	3.37	0.02	0.10	0.46	127.13	82.71	0.63	82.41
293	0.04	0.78	74.30	3.30	0.07	0.10	0.29	19.27	111.59	0.65	60.74
294	0.00	1.13	44.64	2.89	0.05	0.12	1.295	127.69	119.41	0.64	43.52
295	0.04	1.02	80.96	2.94	0.07	0.10	0.5	71.33	92.18	0.65	68.21
296	0.00	1.02	55.25	2.38	0.05	0.14	2.42	177.16	121.15	0.65	51.54
297	0.04	0.96	89.57	2.93	0.06	0.09	0.34	84.56	69.38	0.65	84.61
298	0.02	1.14	59.07	2.62	0.05	0.12	1.655	182.18	57.75	0.65	73.36
299	44.28	1.09	146.74	3.45	0.09	0.16	0.4632	54.84	92.94	1.04	52.39
300	0.76	2.12	59.64	3.78	0.03	0.06	0.125	88.12	115.74	0.90	89.13
301	39.00	1.16	159.80	3.59	0.11	0.11	0.39545	23.52	142.92	0.98	52.75
302	8.15	1.10	75.44	3.15	0.05	0.12	0.6491	63.22	161.88	0.94	51.44
303	21.50	1.39	131.53	3.56	0.06	0.06	0.13	22.65	142.24	0.97	62.18
304	1.00	1.22	64.02	3.13	0.03	0.08	0.4735	74.56	148.19	0.90	130.85
305	30.50	1.10	127.46	3.40	0.08	0.10	0.135	23.22	90.99	1.00	68.99
306	1.00	1.44	62.98	2.78	0.03	0.10	0.663	62.06	78.81	0.92	72.67
307	15.94	0.73	131.98	1.75	0.11	0.06	16.05335	477.28	60.20	0.67	93.73
308	4.56	1.06	59.23	1.06	0.08	0.06	18.1028	638.68	39.22	0.66	55.29
309	11.50	0.92	105.61	8.70	0.05	0.05	0.7841	281.66	102.58	1.38	377.68
310	4.70	0.79	59.80	3.36	0.03	0.03	0.9072	65.06	74.12	0.77	126.09
311	15.24	1.29	132.66	10.36	0.06	0.06	1.10945	434.64	105.28	1.65	424.30
312	8.53	0.92	77.67	3.18	0.03	0.03	0.7368	73.87	60.55	0.76	94.71
313	11.55	1.90	97.12	7.39	0.04	0.04	0.7184	167.74	97.29	1.28	310.79
314	4.53	1.83	47.87	3.52	0.03	0.03	0.69865	24.51	73.14	0.89	111.77
315	62.25	0.90	130.59	3.29	0.07	0.14	0.38	31.65	80.15	0.90	51.39
316	30.18	1.23	53.63	3.31	0.03	0.10	0.56	24.00	91.90	0.89	44.25
317	66.75	0.86	179.02	3.38	0.10	0.23	0.47	12.56	91.71	0.93	63.69
318	38.81	0.77	72.08	3.04	0.03	0.10	0.38	20.48	114.97	0.83	74.06
319	45.45	1.07	107.96	3.33	0.06	0.10	0.38	28.91	152.81	0.88	67.05
320	33.26	1.12	60.63	2.67	0.05	0.15	1.47	75.54	154.90	0.89	56.05
321	40.39	2.19	81.89	3.23	0.07	0.12	0.75	49.76	103.47	0.92	48.36
322	35.33	2.12	59.56	2.70	0.05	0.12	1.06	118.07	101.62	0.88	39.72
323	19.21	13.95	83.17	10.92	0.05	0.31	0.22	27.56	234.92	2.49	64.68
324	15.81	27.08	74.61	10.16	0.04	0.24	0.21	31.82	70.81	1.59	58.88
325	15.09	4.13	93.46	7.00	0.03	0.08	0.24	3.80	46.83	0.66	41.50
326	20.53	6.92	129.87	7.15	0.03	0.84	0.37	91.99	264.12	1.74	87.60
327	13.04	6.52	98.32	9.08	0.10	0.31	2.07	402.36	77.93	1.07	95.85
328	17.45	1.77	105.90	6.79	0.03	0.03	0.14	29.87	26.85	0.83	50.67
329	20.48	16.97	74.24	9.39	0.05	0.47	1.53	238.88	420.31	2.36	45.27
330	27.40	10.59	104.99	7.58	0.04	0.72	0.18	125.54	115.30	2.10	33.75
331	18.86	2.30	103.77	6.89	0.03	0.11	0.14	131.82	32.95	0.85	65.28
332	32.33	12.62	94.54	10.55	0.04	0.23	0.21	44.29	209.05	2.62	59.29
333	28.86	13.27	85.45	7.93	0.03	0.51	0.16	46.73	61.93	1.56	32.26
334	16.77	9.77	89.36	7.62	0.03	0.03	0.15	6.33	52.07	0.90	55.77
335	1.90	11.57	35.65	14.07	0.05	0.05	0.24	10.60	272.87	1.50	23.68
336	1.81	13.68	77.38	8.41	0.03	0.03	0.14	3.12	49.87	0.68	9.53
337	1.58	3.84	65.00	8.86	0.03	0.03	0.14	3.82	15.65	0.44	13.70
338	1.34	7.15	34.73	7.71	0.03	0.03	0.16	32.10	283.56	1.04	25.10
339	2.00	11.63	67.60	6.32	0.06	0.11	0.6489	124.77	65.26	0.85	50.81
340	1.14	1.73	90.30	7.44	0.03	0.03	0.13	34.53	18.73	0.59	54.98
341	1.57	12.78	24.40	8.67	0.05	0.05	0.215	63.87	261.41	1.30	15.54
342	1.36	8.52	60.90	7.19	0.05	0.05	3.453	425.25	131.36	1.34	17.91
343	1.55	1.80	82.83	6.12	0.06	0.12	0.285	589.31	25.28	0.50	91.99
344	0.81	14.73	50.90	9.28	0.04	0.09	0.19	75.21	127.14	1.24	27.36
345	0.68	8.71	72.67	5.91	0.13	0.14	1.0903	140.68	47.02	0.88	24.81
346	0.61	6.73	85.65	8.38	0.03	0.03	0.145	41.71	27.40	0.61	38.55

Soil data

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
347	5.75	9.34	64.81	11.94	0.04	0.04	0.185	13.44	41.62	0.84	11.54
348	7.65	3.85	75.96	11.66	0.04	0.09	0.19	8.49	20.22	0.92	7.38
349	7.75	1.35	76.35	12.08	0.04	0.04	0.21	72.65	208.02	1.22	20.06
350	11.90	7.69	96.73	10.53	0.13	0.18	0.18	30.21	29.22	1.06	7.40
351	8.25	2.10	84.41	12.02	0.04	0.04	0.205	11.01	84.61	1.36	6.03
352	4.80	9.21	64.80	10.85	0.04	0.10	0.19	12.02	44.25	1.34	7.26
353	5.00	1.47	77.97	12.16	0.04	0.04	0.21	12.58	98.24	1.43	8.12
354	6.05	1.22	80.08	13.34	0.06	0.06	0.27	154.11	58.51	1.87	17.22
355	7.30	10.84	67.42	11.77	0.04	0.04	0.18	7.11	77.11	1.02	19.51
356	6.40	2.25	80.57	10.97	0.03	0.03	0.16	5.54	25.31	0.60	29.25
357	6.95	1.96	99.74	9.21	0.03	0.03	0.14	1.55	14.90	0.49	19.22
358	1.00	12.78	28.88	10.91	0.05	0.05	0.225	9.05	160.59	1.19	24.01
359	2.10	21.12	54.12	8.07	0.04	0.04	0.165	2.56	43.74	0.85	31.79
360	11.90	15.74	73.71	6.04	0.03	0.12	0.135	56.86	38.38	0.65	60.92
361	5.15	10.83	59.39	7.03	0.04	0.04	0.175	81.62	85.28	0.96	37.82
362	2.85	1.69	70.91	6.69	0.03	0.03	0.135	9.27	19.56	0.55	36.71
363	1.00	4.06	9.78	10.34	0.11	0.11	0.545	192.85	369.29	1.58	46.47
364	2.20	14.53	54.07	7.10	0.04	0.04	0.19	70.10	132.62	1.17	18.85
365	3.25	1.87	71.54	5.65	0.03	0.03	0.12	47.53	22.49	0.49	39.61
366	1.00	11.12	32.07	10.05	0.04	0.04	0.21	27.70	239.77	1.22	48.68
367	9.85	20.29	53.23	6.99	0.03	0.03	0.16	19.60	59.32	1.07	47.31
368	1.00	5.07	64.71	6.75	0.03	0.03	0.14	4.30	31.32	0.52	48.23
369	0.00	1.19	52.62	1.72	0.09	0.18	13.58	770.17	91.38	0.71	58.07
370	0.00	1.05	61.58	1.26	0.10	0.31	15.54485	843.72	83.74	0.70	40.62
371	0.00	0.91	45.83	1.38	0.10	0.30	18.66575	1152.15	101.83	0.72	42.74
372	0.00	1.01	64.26	1.18	0.10	0.32	19.0443	988.05	88.83	0.73	26.04
373	0.00	1.18	66.47	1.68	0.13	0.23	21.5606	1151.61	92.32	0.70	46.63
374	0.01	0.75	59.89	1.38	0.12	0.31	21.11505	1164.63	83.53	0.72	41.52
375	0.00	0.99	47.45	1.57	0.13	0.20	18.39235	1229.48	113.14	0.71	52.68
376	0.00	0.90	57.99	1.55	0.11	0.31	16.39915	969.40	105.43	0.76	42.43
377	0.76	0.96	72.84	1.31	0.09	0.29	13.88235	555.15	76.37	0.75	58.26
378	0.76	0.95	73.12	1.12	0.07	0.27	13.60795	444.78	61.82	0.77	43.91
379	0.76	1.28	75.32	1.30	0.09	0.20	15.8382	690.66	125.05	0.74	47.25
380	0.76	1.16	78.07	1.19	0.09	0.22	16.57815	595.74	90.52	0.80	28.44
381	0.76	1.31	80.59	1.36	0.10	0.18	14.60565	622.34	98.48	0.72	53.77
382	0.76	1.13	86.00	1.34	0.09	0.19	14.1377	495.07	94.02	0.78	49.04
383	0.76	1.23	70.60	1.22	0.09	0.18	15	643.33	80.15	0.70	33.48
384	0.76	0.88	66.37	1.15	0.07	0.25	13.71675	395.30	92.94	0.79	14.52
385	9.89	2.66	68.55	1.40	0.09	0.27	17.3611	764.52	30.34	0.67	78.81
386	10.62	1.24	78.40	3.71	0.04	0.04	12.6879	325.01	44.18	0.38	36.84
387	10.15	2.29	72.52	1.92	0.12	0.11	16.04535	589.42	39.22	0.51	82.13
388	11.05	1.45	70.55	4.23	0.14	0.28	7.50725	174.79	62.87	0.90	390.91
389	7.79	4.63	69.97	1.75	0.06	0.05	4.90675	121.04	13.81	0.53	115.82
390	12.06	1.39	81.58	4.15	0.12	0.09	3.51285	49.36	39.61	0.76	588.39
391	10.50	6.96	65.36	2.44	0.07	0.03	4.3631	37.04	20.70	0.59	159.11
392	12.70	1.95	74.99	3.68	0.12	0.04	5.7756	93.84	35.20	0.86	305.95
393	32.15	2.04	61.84	1.82	0.08	0.13	6.98	406.54	95.25	0.84	48.15
394	32.46	1.30	61.41	1.28	0.09	0.21	11.12	414.87	74.51	0.70	38.73
395	24.74	2.83	55.72	2.79	0.10	0.19	9.40	555.84	251.07	1.19	105.09
396	35.42	0.94	62.37	1.23	0.10	0.28	13.71	545.35	78.96	0.74	52.47
397	26.30	1.93	58.28	2.00	0.09	0.14	10.11	563.21	129.56	0.88	61.69
398	36.78	0.91	68.06	1.22	0.09	0.29	16.73	647.45	115.50	0.68	46.86
399	33.02	1.07	63.28	1.32	0.10	0.22	14.00	541.50	48.15	0.72	35.93
400	33.49	1.05	58.30	1.23	0.10	0.31	12.49	563.75	48.09	0.66	34.94
401	0.00	3.50	24.46	6.92	0.03	0.03	0.12	1.23	45.57	0.60	3.15
402	0.01	2.47	12.07	7.23	0.03	0.03	0.125	3.61	18.90	0.51	4.47
403	0.00	2.28	16.22	7.52	0.03	0.09	0.135	3.90	40.08	0.55	4.51
404	0.00	2.03	8.95	7.13	0.03	0.08	0.125	2.71	20.35	0.50	3.77
405	0.00	5.61	35.99	7.88	0.03	0.07	0.15	7.92	105.37	0.82	11.92
406	0.00	1.74	7.29	6.57	0.03	0.26	0.12	6.89	17.39	0.48	3.47

Soil data

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
407	0.00	2.63	20.96	7.48	0.03	0.19	0.135	3.13	51.64	0.66	5.26
408	0.00	1.94	10.61	7.17	0.03	0.11	0.125	5.31	17.64	0.52	3.73
409	0.76	3.81	19.82	7.71	0.04	0.04	0.165	2.39	40.75	0.66	3.80
410	0.76	2.32	1.25	5.21	0.02	0.02	0.1	1.97	7.05	0.25	4.10
411	10.64	3.47	25.44	8.02	0.04	0.11	0.175	4.04	48.10	0.64	5.80
412	0.76	2.95	9.14	5.74	0.03	0.06	0.12	1.99	12.77	0.40	2.24
413	21.35	10.51	58.76	9.21	0.04	0.04	0.2	10.26	109.58	1.07	5.45
414	0.76	2.40	14.15	6.10	0.03	0.19	0.13	5.36	15.83	0.52	4.03
415	19.07	4.83	34.97	6.24	0.03	0.08	0.135	2.45	41.98	0.62	2.62
416	0.76	2.89	13.72	7.41	0.04	0.09	0.165	4.22	26.64	0.64	3.15
417	19.25	10.30	62.80	1.25	0.10	0.05	8.9641	419.43	13.10	0.49	156.24
418	2.99	2.83	7.11	2.93	0.09	0.07	6.2078	64.27	16.98	0.65	271.62
419	9.22	3.00	23.74	1.88	0.09	0.08	14.09575	367.13	12.78	0.53	155.34
420	8.62	2.70	13.86	2.89	0.09	0.12	0.44015	51.09	62.63	0.78	64.79
421	12.87	5.26	31.85	3.06	0.03	0.09	0.4157	21.55	63.60	0.75	52.63
422	13.42	2.72	10.86	2.88	0.07	0.11	0.3744	27.77	87.60	0.82	69.82
423	20.03	4.24	29.48	2.66	0.03	0.08	0.54835	104.02	96.11	0.79	83.71
424	4.44	2.39	8.60	3.37	0.10	0.11	0.4258	56.88	91.76	0.93	74.46
425	17.00	4.40	42.95	6.15	0.03	0.08	0.13	2.67	47.17	0.59	4.18
426	11.24	3.42	24.14	6.09	0.03	0.06	0.13	1.79	22.04	0.52	2.33
427	12.93	2.59	20.20	5.21	0.03	0.11	0.12	6.82	38.09	0.39	11.12
428	7.82	1.77	7.39	5.71	0.03	0.12	0.13	2.16	19.09	0.42	2.34
429	11.61	3.63	20.19	7.25	0.03	0.11	0.16	6.88	50.19	0.69	6.04
430	7.05	2.02	4.47	5.63	0.03	0.15	0.12	2.74	16.08	0.42	1.95
431	19.30	3.77	37.39	6.54	0.03	0.15	0.15	4.98	49.64	0.64	6.06
432	10.04	2.15	16.35	6.10	0.03	0.08	0.13	3.45	16.79	0.46	2.56
433	15.98	16.70	40.83	8.37	0.04	0.15	0.18	5.10	49.79	1.92	4.17
434	15.26	13.46	31.04	8.29	0.04	0.12	0.18	9.85	34.60	1.81	5.22
435	11.25	19.68	37.57	8.62	0.04	0.26	0.18	12.54	38.01	1.84	7.22
436	14.58	18.77	59.67	9.71	0.04	0.18	0.20	17.69	108.51	1.98	7.77
437	21.69	12.42	56.50	6.94	0.03	0.20	0.15	29.91	23.63	1.53	7.35
438	12.79	13.38	24.59	7.51	0.03	0.26	0.16	23.77	21.46	1.62	6.86
439	15.77	19.55	67.73	11.36	0.05	0.19	0.23	27.45	152.74	2.13	8.99
440	20.10	14.35	40.02	8.18	0.04	0.07	0.17	6.47	53.15	1.84	3.89
441	4.22	17.86	12.31	7.62	0.03	0.17	0.16	5.45	39.84	1.92	4.45
442	18.77	10.64	45.05	10.46	0.04	0.45	0.21	67.48	567.61	2.24	46.79
443	11.91	12.03	24.72	9.39	0.04	0.43	0.21	23.26	157.83	2.11	13.09
444	11.81	13.86	38.64	7.78	0.04	0.16	0.17	8.12	51.01	1.94	5.38
445	0.23	19.83	27.86	8.26	0.03	0.03	0.155	9.02	126.85	1.04	5.45
446	0.33	14.72	22.18	7.77	0.03	0.03	0.145	10.91	24.42	0.72	5.61
447	0.45	17.05	16.77	7.77	0.03	0.03	0.15	3.91	21.88	0.96	3.28
448	1.67	19.62	64.54	7.91	0.07	0.15	0.16	74.57	61.12	0.88	7.96
449	1.10	11.47	34.10	7.76	0.03	0.79	0.15	36.38	23.88	0.85	8.49
450	0.42	13.28	10.66	8.68	0.04	0.48	0.17	7.39	19.59	0.97	3.90
451	1.23	23.59	61.71	10.79	0.04	0.04	0.195	26.87	168.92	1.11	15.84
452	2.79	23.26	49.17	7.85	0.03	0.03	0.14	6.84	33.20	0.89	7.07
453	2.63	16.06	25.73	7.77	0.03	0.03	0.145	8.93	33.26	0.96	5.12
454	2.22	20.21	39.45	7.91	0.03	0.03	0.155	5.42	35.46	1.02	4.13
455	2.70	18.93	635.08	8.67	0.03	0.03	0.16	11.66	177.82	1.00	6.22
456	1.39	26.23	43.84	8.31	0.04	0.04	0.16	3.95	37.39	1.14	3.70
457	1.00	10.29	17.02	11.53	0.05	0.05	0.24	12.87	105.86	1.27	6.88
458	1.00	18.61	14.40	7.87	0.04	0.04	0.17	2.37	28.72	1.09	2.59
459	4.75	12.42	46.74	14.67	0.06	0.06	0.3	9.90	84.57	1.57	7.93
460	36.95	9.13	32.26	7.76	0.03	0.03	0.16	1.79	33.22	0.96	3.33
461	1.00	19.61	42.92	9.01	0.04	0.04	0.18	5.15	59.99	1.08	5.22

Soil data

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
462	1.00	15.25	15.14	8.13	0.04	0.04	0.17	3.68	27.25	1.09	3.71
463	1.00	14.07	19.02	8.15	0.04	0.04	0.19	7.07	103.22	1.23	6.50
464	1.00	22.58	11.22	8.50	0.04	0.04	0.2	2.59	43.51	1.40	3.81
465	7.15	10.38	38.11	9.71	0.03	0.03	0.155	33.12	40.02	0.78	27.69
466	3.10	11.46	20.35	9.01	0.03	0.03	0.14	8.30	20.37	0.51	41.84
467	1.95	14.39	50.12	8.65	0.08	0.13	0.6903	156.01	104.85	1.21	33.28
468	13.95	11.84	47.93	9.20	0.03	0.03	0.155	178.78	27.75	0.54	74.15
469	1.00	15.83	24.73	8.93	0.03	0.07	0.145	148.58	15.56	0.49	55.58
470	1.00	12.05	8.73	11.24	0.04	0.14	0.2	87.60	139.14	1.24	42.42
471	1.00	16.85	20.89	8.74	0.03	0.03	0.135	3.68	23.30	0.56	14.73
472	1.00	26.29	6.07	8.86	0.03	0.03	0.14	3.57	20.63	0.52	23.57

Soil data

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	Mo-e_mg_Kg	Na-e_g_Kg	Ni-e_mg_Kg	P-e_mg_Kg	Pb-e_mg_Kg	Zn-e_mg_Kg	TOC_per	N_per	pH	LBC1_ppmCaCO3_pH	LBCeq_ppmCaCO3_pH)
2	0.04	0.44	0.10	30.33	0.01	2.25	44.62	3.52	6.65	2394	6942.6
3	0.06	0.74	0.21	46.63	0.03	8.00	44.75	2.54	6.55	655	1899.5
4	0.03	0.21	0.45	16.51	0.01	3.54	2.31	0.18	6.28	573	1661.7
5	0.03	0.29	0.42	8.61	0.01	1.87	1.68	0.13	6.29	546	1583.4
6	0.04	0.52	0.11	49.59	0.01	2.55	42.40	3.33	6.54	2047	5936.3
7	0.05	0.78	0.27	52.98	0.05	8.87	40.65	1.95	6.64	907	2630.3
8	0.03	0.17	0.43	15.73	0.01	4.51	2.11	0.14	6.46	530	1537
9	0.03	0.21	0.36	11.48	0.01	2.69	1.45	0.13	6.28	723	2096.7
10	0.05	0.44	0.15	52.54	0.01	2.74	41.51	3.38	6.87	974	2824.6
11	0.05	0.46	0.30	69.60	2.39	5.97	30.01	1.72	6.68	448	1299.2
12	0.03	0.15	0.44	19.45	0.01	3.93	1.87	0.45	6.38	1055	3059.5
13	0.03	0.25	0.35	11.90	0.04	2.66	1.52	0.10	6.58	454	1316.6
14	0.05	0.88	0.11	47.38	0.01	3.84	44.90	2.83	6.69	429	1244.1
15	0.07	1.15	0.33	102.74	0.18	11.51	45.23	1.95	6.91	685	1986.5
16	0.03	0.26	0.46	12.37	0.08	4.12	2.63	0.16	6.67	556	1612.4
17	0.03	0.26	0.42	10.29	0.01	2.92	1.78	0.14	6.58	470	1363
18	0.04	1.06	0.04	17.73	0.02	2.61	34.35	3.05	6.5	2031	5889.9
19	0.05	1.71	0.31	55.11	0.10	8.69	30.13	1.45	6.24	433	1255.7
20	0.02	0.20	0.47	18.04	0.01	3.00	1.78	0.10	6.27	474	1374.6
21	0.04	1.20	0.04	58.81	0.02	2.00	34.30	3.21	6.84	1746	5063.4
22	0.03	0.30	0.53	28.94	0.25	4.78	5.40	0.25	5.95	547	1586.3
23	0.02	0.21	0.46	18.60	0.01	3.14	1.77	0.12	6.26	456	1322.4
24	0.05	1.14	0.05	78.77	0.02	2.58	42.23	3.41	6.67	1508	4373.2
25	0.05	1.04	0.26	69.20	0.08	8.68	36.53	1.65	6.39	614	1780.6
26	0.02	0.16	0.34	22.20	0.09	2.96	1.24	0.06	6.1	487	1412.3
27	0.04	1.38	0.04	58.70	0.02	1.82	34.54	3.21	7.08	2101	6092.9
28	0.04	0.82	0.54	28.81	0.06	11.36	21.97	1.01	6.25	567	1644.3
29	0.02	0.29	0.51	14.65	0.05	3.09	1.67	0.10	6.31	504	1461.6
30	0.04	1.66	0.08	54.14	0.02	3.71	41.04	3.02	7.31	1245	3610.5
31	0.02	0.24	2.20	9.11	0.14	2.23	1.87	0.11	6.53	523	1516.7
32	0.04	3.34	0.04	121.94	0.05	0.53	43.22	3.58	7.91	2360	6844
33	0.03	0.18	0.48	12.95	0.05	3.13	1.68	0.10	6.09	613	1777.7
34	0.04	1.54	0.09	76.96	0.02	2.51	35.86	2.75	7.05	1179	3419.1
35	0.02	0.18	0.35	9.51	0.01	2.70	1.35	0.07	5.95	515	1493.5
36	0.05	2.12	0.05	162.02	0.02	1.98	34.97	3.17	7.44	1941	5628.9
37	0.02	0.19	0.37	9.05	0.01	2.74	1.95	0.12	6.3	519	1505.1
38	0.05	1.77	0.32	21.44	0.42	22.30	27.90	1.48	6.2	2118	6142.2
39	0.03	1.34	0.55	29.21	2.18	6.65	3.53	0.26	7.08	525	1522.5
40	0.05	1.52	0.15	71.50	0.44	2.71	32.84	2.36	7.15	1209	3506.1
41	0.02	0.19	0.44	8.27	0.21	2.49	1.98	0.14	6.33	498	1444.2
42	0.04	0.93	0.12	70.29	0.20	2.58	11.85	0.94	7.63	934	2708.6
43	0.02	0.17	0.46	8.01	0.19	2.74	1.69	0.12	6.19	442	1281.8
44	0.05	2.16	0.10	107.87	0.32	1.81	38.52	2.98	7.08	1231	3569.9
45	0.05	0.24	0.27	7.30	0.22	2.52	1.13	0.07	5.71	397	1151.3
46	0.02	0.26	0.52	21.11	0.01	15.84	11.76	0.81	5.56	2082	6037.8
47	0.02	0.23	0.21	20.80	0.15	4.94	3.62	0.37	5.76	1091	3163.9
48	0.02	0.22	0.13	21.17	0.12	3.34	2.08	0.19	6.05	866	2511.4
49	0.02	0.24	0.67	32.92	0.01	7.78	4.41	0.32	6.85	787	2282.3
50	0.02	0.27	1.23	17.13	0.06	4.00	2.04	0.18	6.48	690	2001
51	0.02	0.23	1.51	9.59	0.26	1.96	1.52	0.15	5.78	742	2151.8
52	0.02	0.57	0.60	13.06	0.01	9.50	4.82	0.34	7.34	683	1980.7
53	0.02	0.66	0.30	15.80	0.01	3.12	1.74	0.19	7.45	441	1278.9
54	0.02	0.54	0.38	20.52	0.14	3.43	2.15	0.24	6.75	550	1595
55	0.02	0.16	0.57	12.36	0.01	3.78	3.02	0.31	6.47	895	2595.5
56	0.02	0.17	0.83	11.47	0.10	2.53	1.95	0.54	6.16	952	2760.8
57	0.02	0.15	1.45	7.90	0.27	2.22	2.11	0.24	5.5	911	2641.9
58	0.04	0.59	2.53	11.77	0.02	13.15	7.50	0.54	6.52	1391	4033.9
59	0.03	0.48	2.23	11.93	0.01	3.97	2.46	0.21	6.32	695	2015.5
60	0.03	0.36	1.39	14.09	0.01	11.23	5.87	0.46	6.61	1000	2900

Soil data

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
61	0.03	0.35	1.45	12.23	0.01	3.07	1.76	0.16	6.74	611	1771.9
62	0.03	0.62	2.10	12.19	0.01	8.30	3.72	0.29	6.78	694	2012.6
63	0.03	0.59	2.85	13.50	0.01	4.37	2.37	0.23	6.57	585	1696.5
64	0.03	0.26	0.89	9.99	0.01	3.93	3.06	0.23	5.67	987	2862.3
65	0.03	0.22	2.15	6.45	0.24	3.40	3.06	0.27	5.33	754	2186.6
66	0.03	0.15	1.42	4.31	0.14	9.06	5.00	0.41	4.64	133	299.9797
67	0.04	0.26	0.71	16.61	0.02	11.95	19.90	1.27	5.87	1378	3996.2
68	0.03	0.19	1.40	10.32	0.35	12.73	10.05	0.66	5.49	425	1232.5
69	0.03	0.19	1.38	3.59	0.13	8.92	4.42	0.39	4.81	816	2366.4
70	0.05	0.82	1.11	29.80	0.02	15.38	24.60	1.46	5.52	273	791.7
71	0.03	0.17	1.50	8.36	0.14	11.70	6.53	0.50	5.2	460	1334
72	0.03	0.20	1.33	4.32	0.16	9.01	4.00	0.33	4.85	192	516.5628
73	0.04	0.30	0.83	55.15	0.02	14.98	19.65	1.24	5.72	841	2438.9
74	0.03	0.29	0.15	14.81	0.22	9.18	5.03	0.44	6.17	920	2668
75	0.03	0.28	0.03	12.86	0.37	4.47	2.49	0.23	5.55	721	2091
76	0.03	0.29	0.03	14.57	0.20	9.97	5.39	0.39	6.84	872	2529
77	0.03	0.31	0.03	14.67	0.22	4.74	3.00	0.26	6.50	591	1714
78	0.09	0.60	0.08	14.12	0.28	10.93	6.04	0.43	6.91	775	2248
79	0.03	0.58	0.03	9.12	0.35	4.76	2.74	0.26	6.38	640	1856
80	0.03	0.23	0.13	10.63	0.26	7.92	3.99	0.32	6.35	729	2114
81	0.03	0.25	0.03	5.41	0.31	5.01	3.01	0.26	5.54	1044	3028
82	0.03	0.18	0.17	1.37	0.19	3.60	1.00	0.09	6.84	584	1694
83	0.03	0.18	0.19	1.61	0.07	3.25	0.84	0.10	6.71	518	1502
84	0.03	0.17	0.22	1.58	0.07	3.54	0.82	0.09	6.60	537	1557
85	0.03	1.32	0.63	3.06	0.13	1.74	5.02	0.45	7.69	647	1876.3
86	0.03	0.76	1.41	3.75	0.27	6.60	6.04	0.40	7.17	721	2090.9
87	0.03	0.63	1.31	1.91	0.13	1.28	5.03	0.36	6.73	509	1476.1
88	0.03	0.15	1.17	2.01	0.04	1.38	7.09	0.56	8.31	0	0
89	0.03	0.25	0.54	0.36	0.01	0.67	7.16	0.56	8.41	0	0
90	0.04	0.33	0.79	0.26	0.01	1.01	7.49	0.59	8.37	0	0
91	0.02	0.27	0.05	0.49	0.01	0.10	7.08	0.68	8.13		
92	0.02	0.27	0.05	0.48	0.01	0.10	7.07	0.66	8.11		
93	0.02	0.28	0.05	0.55	0.01	0.10	6.92	0.71	8.12		
94	0.03	0.37	0.03	0.50	0.01	0.16	6.75	0.56	7.66	965	2798.5
95	0.03	0.35	0.03	0.55	0.01	0.15	6.45	0.97	7.85	1064	3085.6
96	0.03	0.36	0.03	0.64	0.01	0.15	6.55	0.79	7.71	1145	3320.5
97	0.03	0.37	0.03	0.78	0.01	0.14	6.23	0.55	7.94	1050	3045
98	0.03	0.34	0.03	0.55	0.01	0.15	6.53	0.56	8.26		
99	0.03	0.36	0.03	0.77	0.01	0.14	6.28	0.54	8.17		
100	0.05	1.29	0.13	107.95	0.38	2.55	46.77	3.82	7.12	1766	5121.4
101	0.02	0.19	0.40	11.03	0.20	2.98	1.55	0.13	6.19	447	1296.3
102	0.04	2.68	0.15	72.43	0.02	4.16	32.71	2.67	7.18	828	2401.2
103	0.03	1.09	0.10	1.10	0.01	0.14	13.54	0.98	7.59	1216	3526.4
104	0.03	1.05	0.09	1.09	0.01	0.13	13.51	1.15	7.64	1605	4654.5
105	0.03	1.15	0.03	1.34	0.01	0.14	13.23	1.14	7.7	1760	5104
106	0.04	1.57	0.22	22.87	0.31	7.09	18.05	0.90	6.36	1955	5669.5
107	0.03	1.25	0.18	18.09	0.94	2.29	4.05	0.28	6.77	740	2146
108	0.07	1.12	0.33	21.27	0.38	19.61	33.10	1.77	5.92	2821	8180.9
109	0.07	2.16	0.34	17.24	0.61	9.56	25.10	1.54	6.35	2070	6003
110	0.03	1.16	0.14	16.70	1.09	1.80	5.28	0.33	6.86	747	2166.3
111	0.05	1.37	0.19	14.21	0.09	13.15	28.66	1.62	6.27	2841	8238.9
112	0.03	0.99	0.20	17.59	1.03	2.79	4.28	0.30	6.82	685	1986.5
113	0.05	0.86	0.19	26.33	0.18	17.98	31.89	1.80	6.17	2946	8543.4
114	0.04	1.87	0.14	14.37	0.01	6.63	22.25	1.19	6.54	2701	7832.9
115	0.03	1.40	0.27	11.27	1.27	3.93	6.32	0.39	6.60	945	2740.5
116	0.04	1.51	0.24	15.93	0.42	8.53	17.71	0.93	6.3	1753	5083.7
117	0.03	0.95	0.17	17.46	0.97	1.63	4.24	0.27	6.93	524	1519.6
118	0.04	0.97	0.21	10.18	0.13	11.97	24.87	1.30	6.15	2113	6127.7
119	0.03	0.69	0.16	9.22	0.50	4.73	12.21	0.71	6.35	1162	3369.8
120	0.05	1.37	0.27	11.47	0.07	16.70	35.82	1.78	6.12	3648	10579.2

Soil data

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
121	0.02	0.96	0.20	11.94	1.18	1.93	4.61	0.29	6.82	602	1745.8
122	0.03	1.05	0.15	9.09	0.15	9.44	23.02	1.28	6.26	2896	8398.4
123	0.03	0.93	0.16	12.27	1.26	1.83	4.51	0.29	6.8	597	1731.3
124	0.04	1.53	0.41	13.91	0.04	7.03	20.19	1.11	6.18	3539	10263.1
125	0.03	1.11	1.33	17.43	1.16	3.66	4.42	0.30	6.77	790	2291
126	0.04	1.48	0.41	9.62	0.19	6.28	17.94	0.98	6.18	2275	6597.5
127	0.05	1.60	0.38	16.81	0.45	14.78	33.69	1.59	5.96	6143	17814.7
128	0.03	1.29	0.60	13.39	1.01	2.08	4.25	0.26	6.93	846	2453.4
129	0.04	1.56	0.28	19.11	0.22	9.92	23.19	1.40	6.18	2940	8526
130	0.03	0.96	0.70	16.87	1.47	3.76	4.66	0.31	6.87	778	2256.2
131	0.04	1.68	0.73	16.01	0.28	10.60	18.87	1.11	6.29	2512	7284.8
132	0.03	0.97	1.48	17.25	1.15	3.62	3.65	0.25	6.84	728	2111.2
133	0.04	10.92	0.28	13.97	0.02	4.17	27.85	1.57	6.75	1447	4196.3
134	0.05	11.89	0.26	40.25	0.13	6.59	28.76	1.97	6.64	1468	4257.2
135	0.05	11.09	0.49	19.89	0.20	9.73	31.11	1.88	6.68	1409	4086.1
136	0.03	10.72	0.14	12.37	0.01	2.97	29.79	1.81	6.52	1282	3717.8
137	0.03	13.23	0.14	10.35	0.01	2.24	30.08	1.77	6.47	447	1296.3
138	0.03	10.80	0.03	9.21	0.01	2.60	28.04	1.73	6.52	1078	3126.2
139	0.04	0.40	0.73	25.61	0.02	15.73	21.66	1.51	5.96	342	991.8
140	0.03	0.20	1.65	9.99	0.01	12.44	9.74	0.67	5.4	1268	3677.2
141	0.04	0.16	1.60	8.20	0.25	15.98	9.58	0.61	5.22	1623	4706.7
142	0.03	0.16	0.77	5.24	0.21	6.29	1.89	0.13	5.04	989	2868.1
143	0.04	0.16	1.34	11.16	0.02	14.74	10.38	0.60	4.99	1544	4477.6
144	0.03	0.14	0.60	2.44	0.31	4.60	1.57	0.14	5.12	854	2476.6
145	0.04	0.32	1.61	20.66	0.04	22.11	16.76	0.91	5.41	1886	5469.4
146	0.03	0.13	1.47	5.55	0.30	11.65	5.22	0.34	4.89	1330	3857
147	0.04	0.17	1.58	16.73	0.28	22.52	14.58	0.79	5.44	1350	3915
148	0.03	0.16	0.92	6.61	0.22	8.23	3.14	0.23	5.13	960	2784
149	0.04	0.17	2.27	5.85	0.02	12.19	10.73	0.74	5.25	1327	3848.3
150	0.03	0.14	1.39	2.26	0.01	4.94	2.04	0.13	5.05	917	2659.3
151	0.05	0.17	2.98	8.61	0.02	13.71	10.17	0.68	4.97	1341	3888.9
152	0.03	0.15	2.36	1.55	0.01	4.75	2.57	0.17	5.21	874	2534.6
153	0.04	0.22	1.52	11.33	0.02	18.01	13.80	0.89	5.23	1719	4985.1
154	0.03	0.12	2.06	2.54	0.01	5.59	1.50	0.10	4.96	855	2479.5
155	0.04	0.17	0.71	11.15	0.02	18.97	16.73	1.18	5.29	1635	4741.5
156	0.03	0.14	1.94	4.68	0.01	7.25	2.97	0.33	4.84	1062	3079.8
157	0.03	0.90	1.65	4.11	0.01	8.48	5.58	0.48	4.81	1374	3984.6
158	0.05	2.04	1.79	22.73	0.02	16.95	21.19	1.45	5.95	357	1035.3
159	0.03	0.96	1.92	4.65	0.05	9.36	7.26	0.59	5.04	1688	4895.2
160	0.04	0.17	0.82	13.48	0.02	16.73	13.56	0.97	5.17	255	739.5
161	0.03	0.13	1.46	6.27	0.05	11.19	6.53	0.44	4.82	1449	4202.1
162	0.03	0.15	0.86	9.02	0.01	9.77	9.81	0.72	4.99	181	476.1829
163	0.03	0.14	0.97	5.39	0.03	7.37	3.94	0.25	4.69	1238	3590.2
164	0.04	0.24	0.57	58.73	0.02	27.06	20.02	1.40	5.69	274	794.6
165	0.04	0.15	0.61	7.18	0.30	14.75	12.64	0.89	5.31	1356	3932
166	0.15	0.14	0.68	2.94	0.08	6.92	2.38	0.21	5.14	982	2848
167	0.03	0.14	0.51	6.62	0.29	10.79	11.14	0.83	5.03	1538	4460
168	0.03	0.13	0.54	2.01	0.08	4.14	1.88	0.19	5.28	777	2253
169	0.04	0.14	0.56	12.29	0.50	22.20	15.58	1.02	5.45	1750	5075
170	0.03	0.14	0.19	7.02	0.23	5.19	2.41	0.20	4.63	1056	3062
171	0.04	0.19	0.52	19.73	0.62	27.09	17.60	1.16	5.53	1550	4495
172	0.03	0.14	0.23	5.12	0.26	4.49	1.94	0.16	4.66	1141	3309
173	0.03	0.31	2.07	10.96	0.19	4.08	5.10	0.47	6.35	1103	3198.7
174	0.03	0.29	1.55	2.75	0.01	2.98	4.52	0.42	5.51	1090	3161
175	0.03	0.32	1.76	16.97	0.01	3.30	2.05	0.19	5.46	964	2795.6
176	0.03	0.76	3.78	12.81	0.01	5.89	10.08	0.85	6.46	1295	3755.5

Soil data

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
177	0.03	0.38	2.18	11.37	0.07	3.63	4.72	0.42	5.24	1349	3912.1
178	0.03	0.37	2.58	15.50	0.06	3.65	2.24	0.24	5.08	1279	3709.1
179	0.03	0.32	3.89	16.83	0.25	5.67	6.86	0.62	4.51	1944	5637.6
180	0.03	0.32	3.19	12.68	0.30	4.08	5.45	0.49	4.9	1428	4141.2
181	0.03	0.39	2.53	17.50	0.16	3.77	2.57	0.27	4.84	1506	4367.4
182	0.03	0.29	2.75	13.23	0.01	4.25	5.26	0.50	5.24	1474	4274.6
183	0.03	0.29	3.06	13.18	0.16	4.28	3.82	0.36	4.88	1354	3926.6
184	0.03	0.35	2.96	23.33	0.92	3.89	1.74	0.21	5.29	1137	3297.3
185	0.03	0.33	2.79	14.93	0.01	4.98	6.14	0.56	4.66	1726	5005.4
186	0.03	0.33	3.03	20.70	0.01	5.18	4.10	0.39	5	1450	4205
187	0.03	0.33	2.71	18.60	0.01	3.21	2.00	0.23	5.24	954	2766.6
188	0.04	0.45	2.14	10.07	0.02	4.35	11.20	0.99	5.07	2039	5913.1
189	0.03	0.32	3.17	9.04	0.01	4.82	5.24	0.47	4.83	1451	4207.9
190	0.03	0.37	2.96	18.20	0.08	3.71	2.24	0.25	4.87	1257	3645.3
191	0.03	0.36	2.45	10.57	0.01	4.35	5.91	0.62	4.6	1820	5278
192	0.03	0.38	3.82	10.93	0.01	4.28	5.43	0.49	4.75	1795	5205.5
193	0.03	0.38	2.75	16.14	0.01	3.25	2.23	0.24	4.87	1239	3593.1
194	0.03	0.44	1.92	10.11	0.01	4.26	8.11	0.69	5.06	2134	6188.6
195	0.03	0.42	2.48	9.89	0.01	3.49	5.59	0.50	5	1496	4338.4
196	0.03	0.38	1.90	10.85	0.02	3.19	1.95	0.21	5.08	1225	3552.5
197	0.00	0.18	2.05	7.24	0.78	3.33	7.60	0.69	5.37	1345	3900.5
198	0.00	0.34	1.72	1.96	0.33	3.58	3.35	0.34	5.36	785	2276.5
199	0.00	0.21	1.31	7.45	0.39	2.06	5.65	0.52	5.29	1076	3120.4
200	0.00	0.26	0.93	6.43	0.47	2.06	3.57	0.33	4.99	846	2453.4
201	0.00	0.23	1.81	5.20	0.36	2.52	1.47	0.17	5.12	1030	2987
202	0.00	0.19	1.14	9.06	0.53	1.79	3.84	0.36	5.24	757	2195.3
203	0.00	0.21	1.65	4.38	0.44	2.39	3.45	0.34	5.27	953	2763.7
204	0.00	0.27	1.13	6.40	0.42	2.13	1.48	0.18	5.32	802	2325.8
205	0.014	0.22	1.45	9.22	0.13	3.09	3.12	0.31	5.14	1171	3396
206	0.017	0.30	1.64	16.34	0.12	2.91	1.58	0.21	5.23	927	2688
207	0.008	0.25	1.17	9.35	0.11	2.48	3.37	0.33	5.26	1627	4718
208	0.014	0.25	1.79	14.58	0.12	3.30	3.42	0.38	5.13	1348	3909
209	0.012	0.20	2.50	9.58	0.30	3.30	4.89	0.46	4.97	4163	12073
210	0.013	0.25	2.30	11.60	0.22	3.04	2.19	0.22	4.92	1234	3579
211	0.022	0.26	1.71	10.72	0.23	2.72	3.32	0.32	5.18	1078	3126
212	0.013	0.31	1.78	13.07	0.40	2.94	1.78	0.21	5.24	954	2767
213	0.06	6.99	0.25	27.51	0.01	8.89	38.99	2.24	6.72	3735	10831.5
214	0.03	7.43	0.17	7.07	0.01	2.82	28.12	1.64	6.65	4522	13113.8
215	0.04	9.14	0.15	23.26	0.01	3.64	28.74	1.70	6.77	1823	5286.7
216	0.04	9.70	0.04	16.11	0.01	1.33	31.00	1.66	7.06	2541	7368.9
217	0.04	10.21	0.12	10.74	0.01	1.20	30.39	1.54	6.83	483	1400.7
218	0.08	9.93	0.23	34.06	0.08	15.39	44.40	2.45	6.46	818	2372.2
219	0.05	9.75	0.16	11.59	0.01	5.13	36.43	2.05	6.49	1955	5669.5
220	0.04	9.06	0.25	6.32	0.01	2.88	27.31	1.63	6.54	2083	6040.7
221	0.05	8.85	0.17	19.57	0.01	4.57	34.48	1.99	6.68	2995	8685.5
222	0.04	8.15	0.15	18.48	0.01	2.87	30.60	1.83	6.64	1742	5051.8
223	0.03	8.46	0.03	14.67	0.01	0.73	31.72	1.91	6.93	1038	3010.2
224	0.05	10.56	0.17	31.39	0.02	9.29	40.52	2.49	6.75	2690	7801
225	0.03	7.53	0.26	4.90	0.01	3.54	28.20	1.83	6.54	3844	11147.6
226	0.03	7.02	0.43	6.34	0.01	10.06	27.26	1.70	6.21	1647	4776.3
227	0.06	9.20	0.30	32.53	0.02	10.60	35.68	2.15	6.48	2051	5947.9
228	0.04	9.20	0.15	18.59	0.15	5.34	33.95	2.11	6.72	1741	5048.9
229	0.03	11.78	0.03	9.73	0.01	0.85	33.38	1.90	6.94	3488	10115.2
230	0.05	5.83	0.17	41.21	0.02	11.62	41.63	2.36	6.63	2352	6820.8
231	0.03	7.71	0.13	11.66	0.01	3.04	28.79	1.97	6.25	2215	6423.5
232	0.03	8.11	0.24	5.97	0.01	6.63	33.86	2.20	6.21	1427	4138.3
233	0.03	7.31	0.43	14.51	0.01	8.80	30.38	1.94	6.45	1418	4112.2

Soil data

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
234	0.03	7.90	0.24	5.90	0.01	6.63	29.71	1.76	6.39	520	1508
235	0.04	11.30	0.19	17.91	0.02	5.18	32.20	2.01	6.55	3301	9572.9
236	0.04	8.34	0.14	5.76	0.25	3.04	27.27	1.56	6.52	1122	3253.8
237	0.05	12.67	0.13	30.69	0.02	5.85	37.01	2.06	6.44	1080	3132
238	0.03	11.45	0.13	10.93	0.01	2.84	32.89	1.94	6.49	843	2444.7
239	0.06	10.75	0.06	38.39	0.02	9.88	40.73	2.33	6.71	3463	10042.7
240	0.04	12.52	0.08	21.35	0.01	1.90	28.88	1.83	7.1	1768	5127.2
241	0.04	12.21	0.15	26.50	0.02	2.86	28.94	1.88	6.91	1961	5686.9
242	0.03	9.50	0.17	13.01	0.01	1.96	23.82	1.50	6.86	3359	9741.1
243	0.03	0.35	0.06	0.91	0.23	0.14	6.84	0.55	7.91	869	2520.1
244	0.03	0.37	0.08	0.84	0.26	0.14	7.01	0.60	7.9	771	2235.9
245	0.03	0.35	0.06	0.79	0.21	0.13	6.75	0.56	7.95	952	2760.8
246	0.05	11.94	0.37	27.79	1.13	8.68	31.72	1.92	6.87	1712	4964.8
247	0.04	10.00	0.52	8.48	0.34	8.07	25.57	1.42	6.63	1351	3917.9
248	0.06	12.90	0.16	54.24	0.24	12.18	35.76	2.23	6.78	4712	13664.8
249	0.04	9.21	0.26	35.66	0.02	6.69	30.71	1.85	6.77	1072	3108.8
250	0.06	12.36	0.06	57.16	0.23	14.47	37.67	2.25	6.67	4493	13029.7
251	0.05	0.24	0.99	11.11	0.24	15.19	11.19	0.67	6.16	902	2615.8
252	0.03	0.14	1.65	3.99	0.18	9.15	5.95	0.46	5.82	949	2752.1
253	0.04	0.20	1.30	7.34	0.15	9.85	10.14	0.68	5.96	1018	2952.2
254	0.03	0.16	1.05	4.78	0.19	7.75	4.38	0.37	5.35	855	2479.5
255	0.07	0.32	1.06	17.37	0.01	11.16	14.50	0.85	5.95	1310	3799
256	0.04	0.22	1.18	6.18	0.15	8.58	3.52	0.29	5.40	848	2459.2
257	0.05	0.43	0.82	14.44	0.08	13.65	19.08	1.13	5.77	1844	5347.6
258	0.04	0.21	1.02	8.15	0.14	10.03	10.20	0.63	5.71	1083	3140.7
259	0.04	0.22	1.04	6.86	0.18	8.25	7.91	0.56	5.74	1040	3016
260	0.03	0.13	1.33	3.23	0.15	7.83	4.16	0.35	5.49	891	2583.9
261	0.03	0.20	1.25	8.93	0.19	12.35	12.34	0.71	5.72	911	2641.9
262	0.03	0.13	1.14	4.55	0.15	7.61	3.74	0.30	4.89	784	2273.6
263	0.03	0.18	1.27	9.55	0.10	10.18	11.75	0.71	5.89	849	2462.1
264	0.03	0.15	1.36	6.28	0.22	9.11	5.86	0.45	5.08	947	2746.3
265	0.03	0.17	1.19	6.24	0.24	8.17	7.77	0.50	5.72	835	2421.5
266	0.03	0.18	1.39	4.82	1.18	8.58	4.29	0.33	5.02	1208	3503.2
267	0.04	0.50	0.41	17.56	0.11	7.23	25.68	1.62	6.26	1047	3036.3
268	0.03	0.23	1.14	6.72	0.55	11.28	11.43	0.69	5.51	1023	2966.7
269	0.03	0.15	1.47	4.84	0.34	9.21	4.55	0.35	4.94	1046	3033.4
270	0.03	0.26	1.42	6.58	0.12	12.55	8.30	0.75	5.49	1063	3082.7
271	0.03	0.18	1.40	3.04	0.17	9.51	3.96	0.34	4.9	1150	3335
272	0.04	0.21	1.31	7.21	0.13	11.70	9.14	0.62	5.73	1070	3103
273	0.03	0.14	1.48	3.81	0.22	10.21	3.40	0.28	4.77	795	2305.5
274	0.03	0.15	2.03	3.60	0.28	9.76	5.51	0.44	4.87	1154	3346.6
275	0.03	0.14	2.43	3.25	0.22	8.03	4.57	0.36	4.53	1063	3082.7
276	0.04	0.42	0.78	9.59	0.02	10.78	19.81	1.29	5.83	1923	5576.7
277	0.04	0.26	1.19	7.19	0.22	10.53	10.39	0.66	5.43	1265	3668.5
278	0.03	0.16	2.30	3.18	0.24	8.75	3.96	0.32	4.81	1020	2958
279	0.03	1.02	0.03	3.72	0.01	0.12	8.86	0.57	7.51	411	1191.9
280	0.03	1.07	0.08	24.44	0.01	1.80	10.99	0.90	7.58	610	1769
281	0.03	1.04	0.03	5.82	0.01	0.12	8.33	0.65	7.69	772	2238.8
282	0.04	1.85	0.34	37.66	0.02	8.01	22.37	1.81	7.07	1315	3813.5
283	0.03	1.36	0.03	6.01	0.01	0.13	11.73	0.88	7.84	954	2766.6
284	0.03	1.76	0.03	21.14	0.01	0.95	16.64	1.21	7.72	1596	4628.4
285	0.03	1.06	0.03	1.51	0.01	0.12	7.76	0.45	8.04	841	2438.9
286	0.04	1.26	1.55	9.89	0.02	12.34	12.31	0.89	5.53	236	678.0824
287	0.03	1.07	1.56	3.62	0.01	6.78	3.67	0.28	5.29	1311	3801.9
288	0.04	1.26	1.49	7.65	0.01	11.90	10.33	0.77	5.53	427	1238.3
289	0.03	1.14	1.66	4.35	0.01	8.35	5.33	0.42	5.07	1338	3880.2

Soil data

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
290	0.04	1.01	1.87	15.62	0.02	17.52	16.82	1.15	5.7	306	887.4
291	0.02	1.21	0.62	5.62	0.01	3.36	5.34	0.48	7.83	552	1600.8
292	0.02	1.16	0.68	5.83	0.01	1.03	4.49	0.43	7.89	606	1757.4
293	0.02	1.03	0.79	12.23	0.01	5.24	8.20	0.66	7.91	1014	2940.6
294	0.02	1.02	1.36	9.21	0.01	1.71	5.40	0.43	7.8	981	2844.9
295	0.02	1.30	0.99	7.76	0.01	6.28	7.57	0.64	7.6	998	2894.2
296	0.02	1.42	1.39	6.02	0.01	1.49	3.42	0.36	7.73	888	2575.2
297	0.02	1.11	0.85	6.47	0.01	5.66	7.87	0.72	7.8	1046	3033.4
298	0.02	1.01	0.97	4.73	0.01	2.15	4.62	0.49	7.74	854	2476.6
299	0.03	0.86	0.81	8.78	0.01	5.82	5.39	0.44	7.46	1049	3042.1
300	0.03	0.60	0.52	1.91	0.01	0.62	4.72	0.49	7.54	723	2096.7
301	0.03	1.02	0.93	16.09	0.01	13.66	6.72	0.50	7.35	984	2853.6
302	0.03	1.13	0.93	6.66	0.01	1.49	4.20	0.30	7.53	855	2479.5
303	0.03	1.21	0.52	13.83	0.01	6.12	9.24	0.85	7.18	960	2784
304	0.03	1.53	0.46	3.66	0.01	3.31	3.48	0.26	7.71	938	2720.2
305	0.03	1.30	0.60	9.48	0.01	4.54	7.31	0.58	7.54	1018	2952.2
306	0.03	1.08	0.81	3.78	0.01	1.53	4.74	0.47	7.37	795	2305.5
307	0.03	0.19	1.58	7.38	0.05	11.31	6.11	0.47	5.09	261	756.9
308	0.03	0.18	1.27	4.89	0.24	8.88	4.44	0.38	4.71	1202	3485.8
309	0.05	1.77	0.28	21.34	0.91	14.74	21.44	1.05	6.04	1365	3958.5
310	0.03	1.42	0.26	19.89	2.04	2.71	5.06	0.34	7.09	475	1377.5
311	0.06	1.48	0.44	20.28	0.93	18.73	30.79	1.48	5.84	2160	6264
312	0.03	1.07	0.17	15.96	1.64	2.34	4.66	0.32	7.03	515	1493.5
313	0.04	1.28	0.27	27.41	0.96	10.59	17.95	0.97	6.24	1521	4410.9
314	0.03	1.33	0.23	18.95	1.70	3.78	5.85	0.37	6.8	509	1476.1
315	0.03	1.24	0.55	6.98	0.20	3.28	5.55	0.46	7.91	747	2166
316	0.03	0.97	0.68	3.69	0.08	1.52	4.52	0.35	7.51	872	2529
317	0.03	1.32	0.53	23.39	0.17	4.88	6.48	0.54	7.91	770	2233
318	0.03	1.30	0.43	4.07	0.07	1.28	3.44	0.28	7.99	886	2569
319	0.03	1.23	0.54	9.87	0.08	4.79	7.70	0.57	7.29	727	2108
320	0.03	1.29	0.73	3.47	0.19	2.07	3.97	0.30	7.17	643	1865
321	0.03	0.88	0.87	4.31	0.08	4.19	5.88	0.44	7.12	735	2132
322	0.03	0.78	0.86	2.46	0.07	2.13	5.07	0.38	6.89	634	1839
323	0.05	3.02	0.05	131.95	0.01	2.39	43.22	2.43	7.49	1143	3314.7
324	0.04	2.14	0.32	50.47	0.01	1.53	23.59	1.41	7.24	2263	6562.7
325	0.03	0.64	0.08	3.91	0.01	0.48	5.47	0.40	7.68	1942	5631.8
326	0.03	1.92	0.32	40.89	0.01	20.23	18.47	1.12	7.37	1687	4892.3
327	0.05	0.60	1.34	18.05	0.01	5.78	16.23	1.05	7.35	2435	7061.5
328	0.03	0.37	0.07	1.04	0.01	0.14	5.77	0.44	7.92	1309	3796.1
329	0.05	1.26	0.66	77.64	0.01	13.08	42.27	2.40	6.61	702	2035.8
330	0.04	1.22	0.76	43.88	0.01	4.34	26.26	1.65	6.60	2889	8378.1
331	0.03	0.40	0.21	2.18	0.01	0.30	7.23	0.53	7.76	8742	25351.8
332	0.04	2.20	0.04	95.89	0.01	1.09	40.77	2.53	7.77	740	2146
333	0.03	1.32	0.31	31.90	0.01	1.17	21.65	1.44	7.14	1932	5602.8
334	0.03	0.64	0.13	1.97	0.01	0.15	9.51	0.68	7.55	2599	7537.1
335	0.03	3.54	0.05	21.99	0.02	1.51	33.96	2.43	7.94	1806	5237.4
336	0.03	1.41	0.06	1.39	0.01	0.14	14.80	1.05	7.77	1178	3416.2
337	0.03	0.55	0.03	0.38	0.01	0.14	10.81	0.74	8.21	0	0
338	0.03	2.26	0.22	17.44	0.01	2.97	36.60	2.57	7.07	1821	5280.9
339	0.03	1.03	1.36	9.26	0.01	5.22	24.12	1.67	6.03	1273	3691.7
340	0.03	0.37	0.09	0.66	0.01	0.13	6.81	0.54	8.17	0	0
341	0.05	1.40	0.26	54.79	0.02	7.16	42.70	2.73	6.28	2119	6145.1
342	0.05	1.33	1.93	43.40	0.15	12.41	26.08	1.72	5.75	1772	5138.8
343	0.03	0.33	0.60	0.80	0.01	0.92	7.23	0.55	7.89	1046	3033.4
344	0.04	1.94	0.54	28.27	0.02	5.55	31.80	2.00	6.67	1999	5797.1
345	0.03	0.93	1.88	7.63	0.01	4.72	16.53	1.15	5.93	1294	3752.6
346	0.03	0.59	0.24	1.22	0.01	1.17	12.13	0.84	7.74	1261	3656.9

Soil data

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
347	0.04	3.26	0.08	8.61	0.02	0.46	27.90	2.01	7.57	1688	4895.2
348	0.04	2.56	0.19	15.97	0.02	0.65	34.54	2.09	7.69	1635	4741.5
349	0.04	3.85	0.23	32.83	0.95	5.31	38.68	3.08	7.52	2156	6252.4
350	0.04	3.07	0.41	16.49	0.09	4.16	26.93	2.16	7.52	1346	3903.4
351	0.04	4.16	0.09	19.09	0.02	0.95	35.98	2.25	7.54	1641	4758.9
352	0.04	3.79	0.09	11.01	0.07	0.16	34.48	1.90	7.51	1452	4210.8
353	0.04	3.89	0.09	30.70	0.02	1.21	38.86	2.47	7.37	1770	5133
354	0.06	3.81	0.43	12.70	0.47	1.42	45.62	2.43	6.31	2645	7670.5
355	0.04	2.04	0.08	7.12	0.07	0.18	17.47	1.27	7.59	979	2839.1
356	0.03	1.01	0.06	2.40	0.01	0.16	8.15	0.74	7.67	667	1934.3
357	0.03	0.54	0.03	1.01	0.08	0.14	5.01	0.43	8.18		
358	0.05	1.73	0.05	49.26	0.02	0.23	34.72	2.50	7.49	1018	2952.2
359	0.04	1.72	0.14	26.71	0.02	0.38	22.16	1.49	7.44	1559	4521.1
360	0.03	1.11	0.76	10.73	0.01	2.27	14.61	1.02	7.02	1221	3540.9
361	0.04	1.51	0.61	18.40	0.02	3.46	26.70	1.85	6.95	1789	5188.1
362	0.03	0.39	0.03	0.81	0.01	0.14	6.61	0.56	8.24		
363	0.11	1.16	0.30	104.46	0.04	4.29	35.61	2.56	7.24	2313	6707.7
364	0.04	1.09	0.82	38.90	0.02	3.71	26.60	1.84	6.64	1557	4515.3
365	0.03	0.35	0.13	0.62	0.01	0.12	7.85	0.63	8.27		
366	0.04	2.39	0.04	68.79	0.02	1.22	39.71	2.73	7.82	2204	6391.6
367	0.03	1.73	0.31	33.51	0.10	1.70	27.58	1.89	7.06	1587	4602.3
368	0.03	0.55	0.09	1.10	0.01	0.14	6.20	0.49	7.88	1861	5396.9
369	0.03	0.97	1.58	4.32	0.08	8.93	8.13	0.58	5.4	1516	4396.4
370	0.03	1.01	1.42	4.31	0.01	6.85	4.58	0.34	5.29	1122	3253.8
371	0.03	1.01	1.59	3.96	0.03	8.02	5.68	0.44	5.18	1335	3871.5
372	0.03	0.99	1.36	4.45	0.01	7.25	4.40	0.32	5.25	1096	3178.4
373	0.03	0.89	7.85	5.85	0.09	21.03	7.67	0.56	5.06	1422	4123.8
374	0.03	0.91	3.52	3.04	0.16	9.03	3.85	0.30	5.18	1126	3265.4
375	0.03	0.81	3.80	4.40	0.20	10.27	6.52	0.52	5.11	1190	3451
376	0.03	0.94	2.30	3.02	0.11	7.38	3.93	0.32	5.49	911	2641.9
377	0.03	0.91	1.96	2.07	0.01	6.26	2.22	0.16	5.43	910	2639
378	0.03	0.99	1.49	1.93	0.01	5.10	2.55	0.21	5.45	876	2540.4
379	0.03	1.04	2.22	1.76	0.01	8.51	5.13	0.38	5.08	1113	3227.7
380	0.03	1.04	2.33	2.23	0.01	8.03	3.85	0.32	5.27	1011	2931.9
381	0.03	0.97	2.49	1.95	0.01	7.59	5.56	0.39	5.15	1298	3764.2
382	0.03	1.04	1.88	1.58	0.01	6.56	3.69	0.28	5.6	864	2505.6
383	0.03	0.93	2.74	1.85	0.01	7.70	4.87	0.35	4.96	1187	3442.3
384	0.03	1.13	1.71	1.57	0.01	5.38	2.88	0.21	5.8	750	2175
385	0.03	0.16	0.53	6.20	0.01	5.86	2.17	0.14	4.81	1030	2987
386	0.04	0.20	0.98	15.26	0.12	19.68	16.01	1.12	5.19	222	626.6898
387	0.03	0.13	1.16	7.05	0.10	10.14	5.25	0.34	4.87	1288	3735.2
388	0.03	0.36	0.90	25.32	0.05	18.67	5.98	0.40	6.55	644	1867.6
389	0.03	0.22	0.31	13.61	0.37	3.19	2.22	0.20	6.21	536	1554.4
390	0.03	0.32	0.47	10.27	0.51	14.77	7.68	0.53	6.71	876	2540.4
391	0.03	0.31	0.36	9.22	0.15	4.41	2.39	0.23	6.89	498	1444.2
392	0.04	0.63	0.51	12.91	0.39	15.07	7.44	0.45	6.59	963	2792.7
393	0.03	1.14	0.79	6.44	0.38	10.38	11.46	0.85	5.34	1878	5446
394	0.03	0.94	0.94	4.55	0.09	8.30	5.91	0.46	4.90	1380	4002
395	0.05	1.81	1.32	19.97	0.14	15.09	18.30	1.18	5.76	2434	7059
396	0.03	0.97	1.53	2.42	0.19	7.47	3.86	0.32	5.04	1209	3506
397	0.04	1.38	1.71	6.68	0.10	9.69	12.19	0.84	5.43	1850	5365
398	0.03	0.95	1.49	3.52	0.19	7.01	3.73	0.30	4.93	1226	3555
399	0.03	1.04	0.95	3.89	0.09	8.84	5.89	0.47	4.94	1388	4025
400	0.03	0.88	0.93	3.14	0.09	6.06	4.43	0.35	4.78	1565	4539
401	0.03	1.47	0.06	5.02	0.01	0.24	13.91	1.17	7.83	793	2299.7
402	0.03	0.99	0.03	1.61	0.01	0.13	11.46	0.62	8.06	729	2114.1
403	0.03	1.32	0.09	19.34	0.01	1.14	14.61	1.19	7.8	993	2879.7
404	0.03	0.97	0.03	6.51	0.01	0.13	9.91	0.73	8.17		
405	0.03	2.94	0.25	17.70	0.01	7.02	29.49	2.23	6.52	1752	5080.8
406	0.03	1.03	0.16	9.89	0.10	0.69	9.07	0.63	7.66	653	1893.7

Soil data

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
407	0.03	1.50	0.07	14.46	0.01	0.91	15.48	1.24	7.83	1123	3256.7
408	0.03	0.90	0.03	1.47	0.01	0.13	7.95	0.49	8.21		
409	0.04	1.52	0.04	6.00	0.02	0.17	13.53	1.12	7.85	981	2844.9
410	0.02	0.42	0.02	1.27	0.01	0.10	4.82	0.08	8.24		
411	0.04	1.63	0.04	19.13	0.02	1.21	12.18	0.98	7.79	855	2479.5
412	0.03	0.79	0.03	2.08	0.01	0.12	4.95	0.36	8.17		
413	0.04	3.67	0.15	17.29	0.02	6.14	33.84	2.72	6.67	1502	4355.8
414	0.03	1.50	0.03	8.51	0.01	0.51	5.36	0.38	8	804	2331.6
415	0.03	1.67	0.03	16.52	0.01	0.52	16.39	1.31	7.65	1081	3134.9
416	0.04	1.73	0.04	5.25	0.01	0.17	11.85	0.77	8.08	995	2885.5
417	0.03	0.40	0.41	5.27	0.54	3.07	2.15	0.20	5.53	865	2508.5
418	0.03	0.21	0.55	9.14	0.19	7.57	4.20	0.32	6.27	798	2314.2
419	0.03	0.21	0.49	5.69	0.41	4.10	2.60	0.24	5.38	880	2552
420	0.03	1.07	0.65	7.22	0.19	4.33	4.79	0.38	7.63	563	1632.7
421	0.03	0.99	0.49	6.85	0.14	0.91	5.02	0.40	7.55	603	1748.7
422	0.03	1.40	0.56	6.46	0.14	3.21	5.89	0.47	7.84	721	2090.9
423	0.03	1.46	0.50	3.67	0.12	0.81	4.03	0.31	7.93	548	1589.2
424	0.03	1.41	0.65	8.59	0.24	5.96	8.12	0.62	7.7	999	2897.1
425	0.03	1.59	0.03	6.83	0.08	0.13	23.16	1.86	7.55	1495	4336
426	0.03	1.33	0.03	3.31	0.08	0.13	10.06	0.78	7.64	655	1900
427	0.03	0.80	0.23	23.65	0.16	2.24	13.06	1.09	7.15	890	2581
428	0.03	0.80	0.03	8.29	0.08	0.13	8.79	0.64	8.03	1055	3060
429	0.03	1.83	0.07	18.42	0.10	1.51	15.74	1.19	7.55	1036	3004
430	0.03	0.81	0.03	2.69	0.07	0.12	5.20	0.31	8.16		
431	0.03	1.57	0.08	19.97	0.09	1.12	21.10	1.62	7.71	1275	3698
432	0.03	1.05	0.03	1.72	0.08	0.13	12.19	0.71	8.15		
433	0.04	3.98	0.04	18.31	0.01	0.18	32.34	2.22	7.41	1072	3108.8
434	0.04	3.57	0.04	12.98	0.01	0.18	35.20	2.21	7.46	1060	3074
435	0.04	3.68	0.04	18.11	0.01	0.72	37.83	2.05	7.43	830	2407
436	0.04	4.00	0.10	48.16	0.01	0.86	38.26	2.46	7.43	2143	6214.7
437	0.03	2.79	0.07	7.69	0.01	0.31	28.62	2.09	7.45	3559	10321.1
438	0.03	3.09	0.08	11.43	0.01	0.16	32.67	1.70	7.52	2611	7571.9
439	0.05	4.34	0.05	151.32	0.01	1.85	36.24	2.76	7.44	2923	8476.7
440	0.04	4.71	0.04	11.07	0.01	0.17	33.21	2.18	7.75	6986	20259.4
441	0.03	4.83	0.03	18.18	0.01	0.16	42.63	2.09	7.51	2679	7769.1
442	0.04	5.28	0.04	42.86	0.01	2.90	40.74	3.26	7.51	4146	12023.4
443	0.04	3.59	0.10	22.68	0.01	1.08	38.70	2.55	7.46	574	1664.6
444	0.04	3.30	0.04	16.42	0.01	0.81	38.88	2.49	7.44	1525	4422.5
445	0.03	4.56	0.06	13.07	0.01	0.72	34.76	2.53	7.5	2107	6110.3
446	0.03	2.01	0.14	8.19	0.01	0.95	34.54	2.39	7.88	1702	4935.8
447	0.03	3.49	0.03	4.93	0.01	0.15	36.27	2.35	7.78	1965	5698.5
448	0.03	2.43	0.55	17.19	0.01	4.37	31.81	2.44	7.32	1416	4106.4
449	0.03	2.23	0.28	9.80	0.01	1.19	27.09	1.97	7.74	1635	4741.5
450	0.04	2.66	0.20	24.18	0.02	0.48	37.72	1.83	7.3	2077	6023.3
451	0.04	4.45	0.17	47.81	0.02	4.01	34.94	2.74	7.4	2065	5988.5
452	0.03	3.16	0.07	13.85	0.01	0.41	29.97	2.25	7.6	2313	6707.7
453	0.03	3.58	0.03	9.57	0.01	0.15	34.49	2.21	7.73	2200	6380
454	0.03	2.82	0.03	10.24	0.01	1.44	37.65	2.30	7.42	958	2778.2
455	0.03	3.52	0.07	12.27	0.01	12.51	36.94	2.52	7.59	2368	6867.2
456	0.04	3.43	0.04	4.85	0.01	1.33	44.42	2.31	7.14	1180	3422
457	0.05	4.01	0.11	18.76	0.02	1.22	36.59	2.70	7.72	1587	4602.3
458	0.04	3.95	0.04	4.82	0.02	0.17	39.91	2.52	7.73	1772	5138.8
459	0.06	4.48	0.06	29.96	0.02	1.39	33.36	2.48	7.88	2749	7972.1
460	0.03	3.35	0.03	4.31	0.01	0.16	28.80	2.02	7.74	1704	4941.6
461	0.04	4.28	0.04	14.41	0.02	0.43	31.51	2.30	7.73	2133	6185.7

Soil data

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
462	0.04	4.70	0.04	6.19	0.02	0.17	37.29	2.22	7.74	2568	7447.2
463	0.04	3.40	0.04	9.70	0.02	1.31	42.03	2.52	7.36	1787	5182.3
464	0.04	3.90	0.04	11.38	0.02	0.42	45.44	2.44	7.03	1976	5730.4
465	0.03	0.92	0.20	4.92	0.01	1.81	12.83	0.95	7.69	1062	3079.8
466	0.03	0.44	0.06	1.32	0.01	0.14	5.77	0.45	8.15		
467	0.04	1.12	0.84	22.15	0.04	6.65	26.99	1.87	6.99	1564	4535.6
468	0.03	0.39	0.26	1.40	0.01	0.44	6.65	0.51	8.2		
469	0.03	0.37	0.15	1.34	0.01	0.15	5.77	0.48	8.25		
470	0.04	1.98	0.42	26.96	0.02	4.46	25.60	1.71	7.6	1575	4567.5
471	0.03	0.55	0.07	1.66	0.01	0.14	7.10	0.54	7.89	850	2465
472	0.03	0.46	0.07	1.45	0.01	0.33	5.99	0.46	8.06	782	2267.8

Soil data

	AU	AV	AW	AX	AY
1	BaseSaturation_per	CEC_meq_100g	TOC_N	GWC_per	Sampling_Date
2	92.0	60.5	12.6899886	92.11	11/30/2020
3	96.8	54.1	17.6455047	95.17	11/30/2020
4	85.8	16.9	13.2171429	30.71	11/30/2020
5	86.7	16.9	12.7272727	24.77	11/30/2020
6	91.4	63.6	12.7436129	92.04	11/30/2020
7	95.8	45.6	20.8029683	94.59	11/30/2020
8	88.8	14.8	15.6	30.38	11/30/2020
9	79.2	14.5	11.6	25.11	11/30/2020
10	98.9	66.4	12.2650709	91.74	11/30/2020
11	97.7	35.4	17.4656577	92.76	11/30/2020
12	75.3	15.4	4.1277533	28.85	11/30/2020
13	91.3	12.7	15.4591837	24.17	11/30/2020
14	98.7	61.6	15.8839759	93.41	11/30/2020
15	99.3	53.2	23.2052335	94.55	11/30/2020
16	93.8	17.2	16.40625	40.81	11/30/2020
17	92.5	15.2	12.9781022	29.89	11/30/2020
18	89.6	56.7	11.2555701	92.86	2/23/2021
19	96.3	51.3	20.7943409	91.97	2/23/2021
20	87.1	15.6	17.9292929	29.60	2/23/2021
21	97.5	64.8	10.6744476	92.51	2/23/2021
22	83.4	20.1	21.4126984	75.40	2/23/2021
23	85.4	13.4	15.2844828	29.11	2/23/2021
24	96.1	74.3	12.3744506	91.54	2/23/2021
25	95.5	47.8	22.1668689	93.19	2/23/2021
26	77.7	11.4	19.6190476	33.22	2/23/2021
27	100.0	61.5	10.7454885	90.97	2/23/2021
28	93.5	37.8	21.6627219	91.30	2/23/2021
29	87.0	15.5	16.0865385	32.39	2/23/2021
30	100.0	53.0	13.5832506	90.62	7/20/2021
31	90.4	14.9	16.4210526	30.12	7/20/2021
32	100.0	62.8	12.0827509	92.52	7/20/2021
33	77.0	14.1	16.1442308	26.45	7/20/2021
34	100.0	51.9	13.04	91.63	7/20/2021
35	73.3	11.8	18.7083333	26.57	7/20/2021
36	100.0	64.0	11.0388258	92.27	7/20/2021
37	84.1	13.2	16.9565217	27.22	7/20/2021
38	87.9	81.0	18.8782138	91.73	2/28/2022
39	100.0	30.8	13.6666667	27.29	2/28/2022
40	100.0	56.2	13.9460722	87.09	2/28/2022
41	86.4	14.2	14.4671533	25.85	2/28/2022
42	100.0	40.7	12.5774947	90.91	2/28/2022
43	83.7	12.7	14.2016807	23.77	2/28/2022
44	100.0	61.3	12.9355272	91.46	2/28/2022
45	72.7	10.9	17.0909091	28.71	2/28/2022
46	43.8	30.9	14.5006165	73.43	5/17/2021
47	61.2	20.2	9.67914439	56.84	5/17/2021
48	73.0	17.7	11.144385	44.27	5/17/2021
49	96.5	19.3	13.7227414	52.36	5/17/2021
50	88.0	17.4	11.5480226	46.05	5/17/2021
51	67.9	16.4	10.1744966	37.50	5/17/2021
52	100.0	21.6	14.0524781	47.80	5/17/2021
53	100.0	17.1	9.2010582	32.78	5/17/2021
54	94.7	15.2	8.81967213	34.18	5/17/2021
55	85.2	18.6	9.86928105	50.84	5/17/2021
56	76.2	19.5	3.59594096	41.38	5/17/2021
57	60.0	19.8	8.79583333	37.70	5/17/2021
58	87.7	31.4	13.8431734	72.82	9/28/2021
59	86.1	19.7	11.7799043	42.53	9/28/2021
60	92.3	29.4	12.6969697	70.92	9/28/2021

	AU	AV	AW	AX	AY
61	94.7	17.4	11.3612903	80.50	9/28/2021
62	96.4	24.8	12.9581882	43.31	9/28/2021
63	93.0	20.7	10.3537118	64.90	9/28/2021
64	72.1	27.3	13.1681034	51.40	9/28/2021
65	63.2	19.9	11.5584906	64.07	9/28/2021
66	89.4	13.3	12.1359223	50.72	2/14/2022
67	77.1	39.4	15.6208791	37.77	2/14/2022
68	84.1	23.4	15.3480916	61.22	2/14/2022
69	54.0	22.6	11.2081218	40.73	2/14/2022
70	93.0	33.5	16.9092784	62.33	2/14/2022
71	79.1	23.0	13.1144578	42.96	2/14/2022
72	84.8	14.7	12.0421687	53.85	2/14/2022
73	84.5	40.2	15.8595642	47.20	2/14/2022
74	82.2	24.9	11.5344037	41.66	9/7/2022
75	71.8	21.5	10.6495726	36.42	9/7/2022
76	97.1	27.8	13.878866	60.56	9/7/2022
77	92.3	22.4	11.7490196	46.95	9/7/2022
78	98.5	27.4	14.1428571	43.99	9/7/2022
79	88.6	20.2	10.6835938	41.98	9/7/2022
80	88.7	24.2	12.3179012	43.97	9/7/2022
81	67.5	27.2	11.5249042	44.08	9/7/2022
82	96.6	16.1	10.6170213		9/7/2021
83	94.3	15.4	8.2745098		9/7/2021
84	92.0	15.6	8.77419355		9/7/2021
85	100.0	25.1	11.2741573	82.56	2/17/2021
86	100.0	26.4	15.1	82.56	2/17/2021
87	96.5	22.7	14	82.56	2/17/2021
88	100.0	30.7	12.6589286	61.78	11/10/2020
89	100.0	37.1	12.7021277	61.78	11/10/2020
90	100.0	43.1	12.6111111	61.78	11/10/2020
91	100.0	33.6	10.3768328	86.12	11/10/2020
92	100.0	33.7	10.7671233	86.12	11/10/2020
93	100.0	33.6	9.74507042	86.12	11/10/2020
94	100.0	43.2	12.0374332	86.12	11/10/2020
95	100.0	41.3	6.62217659	86.12	11/10/2020
96	100.0	40.8	8.31766201	86.12	11/10/2020
97	100.0	42.3	11.4385321	86.12	11/10/2020
98	100.0	42.3	11.7356115	86.12	11/10/2020
99	100.0	42.2	11.6419295	86.12	11/10/2020
100	100.0	64.3	12.2362637	86.12	11/10/2020
101	83.6	12.8	12.432	86.12	11/10/2020
102	100.0	76.2	12.2379349	86.12	11/10/2020
103	100.0	51.4	13.7721261	81.80	2/2/2021
104	100.0	49.2	11.7768091	81.80	2/2/2021
105	100.0	51.4	11.629174	81.80	2/2/2021
106	87.5	58.2	20.122631	74.83	11/23/2020
107	96.5	28.0	14.7309091	43.49	11/23/2020
108	79.1	84.6	18.729485	86.30	11/23/2020
109	89.5	74.3	16.2571244	81.69	11/23/2020
110	97.7	26.5	16.2307692	44.78	11/23/2020
111	85.1	80.7	17.6720099	83.87	11/23/2020
112	97.7	30.7	14.3973064	46.69	11/23/2020
113	83.4	85.3	17.7456873	84.16	11/23/2020
114	89.1	66.4	18.7106812	76.99	11/23/2020
115	93.7	34.6	16.3333333	49.06	11/23/2020
116	86.5	52.6	18.9817792	77.86	3/3/2021
117	99.0	20.7	15.9886792	43.01	3/3/2021
118	84.1	65.3	19.207722	81.70	3/3/2021
119	87.6	35.3	17.1673699	64.57	3/3/2021
120	78.5	86.8	20.080157	84.60	3/3/2021

Soil data

	AU	AV	AW	AX	AY
121	97.2	22.3	15.8453608	45.62	3/3/2021
122	77.8	56.0	18.0384013	79.60	3/3/2021
123	96.8	21.4	15.7692308	44.94	3/3/2021
124	73.8	64.1	18.170117	76.54	7/13/2021
125	95.8	25.1	14.6192053	43.85	7/13/2021
126	80.4	55.3	18.3278856	75.66	7/13/2021
127	63.7	102.2	21.1481481	82.84	7/13/2021
128	98.5	22.8	16.2290076	42.78	7/13/2021
129	78.3	64.4	16.5156695	79.88	7/13/2021
130	97.6	24.2	14.9391026	47.56	7/13/2021
131	81.7	56.6	16.938061	78.43	7/13/2021
132	96.7	20.8	14.596	40.46	7/13/2021
133	97.9	101.8	17.7294717	75.83	2/7/2022
134	97.3	115.3	14.5747592	45.91	2/7/2022
135	97.6	109.1	16.5904	79.90	2/7/2022
136	96.1	91.3	16.4751106	47.31	2/7/2022
137	98.7	102.6	16.9858837	70.75	2/7/2022
138	96.6	89.4	16.253913	47.74	2/7/2022
139	94.3	36.4	14.3470199	83.14	2/7/2022
140	60.8	30.0	14.4725111	37.15	2/7/2022
141	53.0	35.7	15.6074919	76.86	4/27/2021
142	54.5	24.7	14.280303	82.07	4/27/2021
143	49.0	35.3	17.2916667	80.94	4/27/2021
144	60.0	23.3	11.3021583	38.76	4/27/2021
145	56.9	40.3	18.3347921	84.19	4/27/2021
146	47.7	31.1	15.248538	60.08	4/27/2021
147	62.6	32.7	18.5483461	81.37	4/27/2021
148	57.0	24.2	13.9688889	56.27	4/27/2021
149	59.2	33.0	14.4454913	75.10	9/7/2021
150	57.4	24.4	15.2014925	40.59	9/7/2021
151	53.0	33.6	14.9076246	73.12	9/7/2021
152	61.7	23.7	14.8786127	47.58	9/7/2021
153	53.9	38.3	15.5535513	77.33	9/7/2021
154	55.2	22.6	14.5242718	37.54	9/7/2021
155	57.3	38.0	14.2374468	82.33	9/7/2021
156	48.6	25.9	8.96676737	51.11	9/7/2021
157	48.7	34.0	11.6430063	77.19	3/23/2022
158	94.3	38.0	14.5701513	68.44	3/23/2022
159	49.2	37.8	12.383959	76.39	3/23/2022
160	89.3	25.2	14.0217166	61.63	3/23/2022
161	46.2	34.1	14.7471783	86.43	3/23/2022
162	90.6	20.4	13.6411683	52.53	3/23/2022
163	45.3	30.3	15.9473684	77.16	3/23/2022
164	94.1	35.1	14.2905068	60.56	3/23/2022
165	60.3	33.5	14.2824859	79.46	8/8/2022
166	56.7	24.4	11.347619	44.03	8/8/2022
167	51.1	36.0	13.3745498	74.83	8/8/2022
168	65.0	22.1	10.172973	44.99	8/8/2022
169	59.5	38.8	15.228739	80.47	8/8/2022
170	45.7	26.7	12.3435897	46.20	8/8/2022
171	63.6	36.3	15.2380952	82.54	8/8/2022
172	42.7	27.0	12.2974684	38.80	8/8/2022
173	87.2	32.4	10.8446809	52.56	5/13/2021
174	63.8	26.0	10.8939759	46.75	5/13/2021
175	75.2	34.7	10.7172775	38.44	5/13/2021
176	90.2	41.6	11.8984652	73.39	5/13/2021

	AU	AV	AW	AX	AY
177	66.4	41.0	11.1631206	46.22	5/13/2021
178	64.7	40.4	9.54042553	40.62	5/13/2021
179	49.2	55.3	11.1215559	52.98	5/13/2021
180	61.2	44.8	11.1741803	45.72	5/13/2021
181	58.9	45.9	9.71320755	40.14	5/13/2021
182	63.5	41.3	10.4384921	52.27	5/13/2021
183	60.9	42.6	10.523416	43.82	5/13/2021
184	70.2	37.9	8.41062802	39.72	5/13/2021
185	52.5	49.3	11.0576577	52.75	10/12/2021
186	62.5	44.8	10.437659	45.13	10/12/2021
187	75.0	38.9	8.67532468	38.95	10/12/2021
188	58.3	54.8	11.3350202	67.21	10/12/2021
189	57.3	42.8	11.2226981	46.68	10/12/2021
190	66.5	46.4	8.87301587	36.93	10/12/2021
191	50.6	51.3	9.47833066	48.88	10/12/2021
192	55.3	52.4	11.0961145	43.29	10/12/2021
193	64.9	43.6	9.30962343	36.29	10/12/2021
194	56.6	55.3	11.8335766	57.08	10/12/2021
195	62.5	46.3	11.2600806	44.09	10/12/2021
196	66.8	41.0	9.35096154	39.39	10/12/2021
197	64.8	36.1	11.0655022	60.98	1/23/2023
198	76.4	31.7	9.90236686	42.56	1/23/2023
199	62.8	28.7	10.9669903	50.53	1/23/2023
200	68.0	30.8	10.9938462	39.30	1/23/2023
201	63.3	30.6	8.82035928	48.44	1/23/2023
202	72.7	28.3	10.7178771	37.79	1/23/2023
203	65.1	27.4	10.2767857	48.68	1/23/2023
204	74.1	30.2	8.33333333	39.78	1/23/2023
205	66.3	37.5	10.0289389	45.85	3/20/2023
206	74.0	36.5	7.57894737	37.92	3/20/2023
207	57.2	38.4	10.1475904	46.49	3/20/2023
208	65.6	42.5	9.04761905	41.69	3/20/2023
209	30.4	70.4	10.6681223	53.71	3/20/2023
210	62.8	40.0	9.85585586	39.14	3/20/2023
211	66.6	34.0	10.2662539	46.71	3/20/2023
212	72.9	36.0	8.5942029	37.85	3/20/2023
213	94.7	114.5	17.3734403	86.91	11/20/2020
214	89.4	86.8	17.1383303	79.47	11/20/2020
215	97.4	92.7	16.9563422	83.13	11/20/2020
216	100.0	92.1	18.6316106	83.49	11/20/2020
217	99.5	94.2	19.6813472	78.82	11/20/2020
218	98.3	149.4	18.0920945	88.38	11/20/2020
219	94.9	113.5	17.8146699	85.43	11/20/2020
220	94.2	96.0	16.7933579	79.89	11/20/2020
221	94.7	104.8	17.3087349	86.59	11/20/2020
222	95.9	88.8	16.7105407	80.69	11/20/2020
223	99.5	81.5	16.5818087	80.20	11/20/2020
224	96.6	116.1	16.2592295	89.03	2/17/2021
225	87.6	82.9	15.3851609	82.56	2/17/2021
226	90.0	75.7	16.0329412	70.33	2/17/2021
227	94.4	110.2	16.5699025	85.43	2/17/2021
228	96.7	86.7	16.1196581	84.34	2/17/2021
229	98.6	89.8	17.5607575	79.81	2/17/2021
230	94.3	88.8	17.6099831	86.72	2/17/2021
231	87.7	78.1	14.6211275	82.58	2/17/2021
232	91.8	79.6	15.4062784	80.92	2/17/2021
233	94.1	77.1	15.7023256	83.20	2/17/2021

	AU	AV	AW	AX	AY
234	97.6	75.3	16.8897101	79.64	2/17/2021
235	91.7	103.3	16.0253858	85.95	6/28/2021
236	96.0	78.9	17.4939064	76.23	6/28/2021
237	96.9	113.5	17.9587579	85.04	6/28/2021
238	97.2	90.6	16.9556701	81.43	6/28/2021
239	95.1	119.2	17.4736165	86.55	6/28/2021
240	100.0	97.3	15.7959519	81.88	6/28/2021
241	99.0	98.7	15.3746015	84.51	6/28/2021
242	96.6	79.9	15.9304348	81.42	6/28/2021
243	100.0	38.3	12.3519856	84.60	1/31/2022
244	100.0	38.4	11.6478405	80.45	1/31/2022
245	100.0	34.8	11.9857904	86.42	1/31/2022
246	98.9	114.2	16.5466875	76.97	1/31/2022
247	97.1	99.7	17.9810127	85.14	1/31/2022
248	95.5	134.1	16.0147783	80.63	1/31/2022
249	98.5	97.6	16.5809935	84.66	1/31/2022
250	93.7	137.3	16.7492219	81.71	1/31/2022
251	83.7	27.0	16.6210996	84.20	12/8/2020
252	75.3	26.3	12.825431	58.79	12/8/2020
253	79.4	29.8	14.9322533	80.15	12/8/2020
254	66.3	24.3	11.9373297	48.89	12/8/2020
255	77.3	35.1	17.0765607	86.10	12/8/2020
256	67.6	24.3	12.0513699	43.05	12/8/2020
257	70.3	44.3	16.9034544	88.69	12/8/2020
258	70.0	27.0	16.1664025	86.08	12/8/2020
259	72.6	27.8	14.2522523	81.38	12/8/2020
260	67.7	24.2	12.0260116	50.17	12/8/2020
261	72.4	24.5	17.3099579	84.66	3/11/2021
262	50.6	19.4	12.5536913	49.94	3/11/2021
263	78.0	24.9	16.6458924	81.29	3/11/2021
264	54.0	22.9	12.9052863	61.69	3/11/2021
265	70.5	21.0	15.5129741	81.63	3/11/2021
266	45.3	25.4	12.8293413	49.76	3/11/2021
267	88.3	38.2	15.8402221	88.80	3/11/2021
268	67.4	27.1	16.6404658	84.05	3/11/2021
269	46.8	23.5	12.954416	55.83	3/11/2021
270	64.6	26.3	11.0092838	74.88	7/8/2021
271	44.0	25.0	11.8119403	46.41	7/8/2021
272	70.0	26.3	14.6629213	78.55	7/8/2021
273	51.3	21.1	12.2230216	49.35	7/8/2021
274	45.9	26.4	12.5776256	67.01	7/8/2021
275	40.5	25.6	12.5867769	53.02	7/8/2021
276	69.9	43.3	15.3328173	86.68	7/8/2021
277	61.8	30.1	15.8610687	82.67	7/8/2021
278	46.0	24.0	12.4043887	50.78	7/8/2021
279	100.0	40.2	15.4825175	89.28	3/14/2022
280	100.0	40.2	12.2008879	80.80	3/14/2022
281	100.0	40.4	12.8076923	47.56	3/14/2022
282	100.0	60.5	12.3359073	87.83	3/14/2022
283	100.0	44.2	13.3412969	79.70	3/14/2022
284	100.0	51.1	13.7415359	48.57	3/14/2022
285	100.0	42.0	17.1615044	89.42	3/14/2022
286	93.0	28.3	13.8827508	69.52	3/14/2022
287	57.5	30.6	13.3345455	42.95	3/14/2022
288	86.5	27.0	13.3583441	87.47	3/14/2022
289	55.1	33.4	12.5636792	69.39	3/14/2022

	AU	AV	AW	AX	AY
290	92.3	30.1	14.637946	48.62	3/14/2022
291	100.0	27.5	11.0455487	51.13	5/24/2021
292	100.0	27.3	10.528169	54.70	5/24/2021
293	100.0	26.6	12.3665158	60.48	5/24/2021
294	100.0	24.5	12.437788	59.13	5/24/2021
295	100.0	26.0	11.825	61.55	5/24/2021
296	100.0	23.8	9.42424242	52.00	5/24/2021
297	100.0	25.1	11.0041958	63.28	5/24/2021
298	100.0	23.0	9.44580777	58.95	5/24/2021
299	100.0	29.9	12.2386364	54.61	10/5/2021
300	100.0	29.3	9.60488798	58.39	10/5/2021
301	100.0	30.9	13.4131737	57.39	10/5/2021
302	100.0	28.9	13.9072848	53.37	10/5/2021
303	100.0	31.4	10.8578143	64.95	10/5/2021
304	100.0	30.2	13.496124	47.77	10/5/2021
305	100.0	31.2	12.6252159	55.62	10/5/2021
306	100.0	26.5	9.99367089	53.73	10/5/2021
307	84.1	18.2	12.9808917	57.37	2/22/2022
308	42.2	27.6	11.5651042	57.89	2/22/2022
309	89.2	70.5	20.4942639	59.04	2/22/2022
310	100.0	29.6	14.7923977	56.36	2/22/2022
311	83.2	86.8	20.7780027	68.90	2/22/2022
312	100.0	27.0	14.5924765	59.70	2/22/2022
313	88.8	60.1	18.4312115	59.00	2/22/2022
314	98.1	31.6	15.7204301	54.18	2/22/2022
315	100.0	29.5	12.0565217	55.63	9/12/2022
316	100.0	28.4	12.9627507	53.98	9/12/2022
317	100.0	30.7	12.0970149	51.09	9/12/2022
318	100.0	28.1	12.4296029	54.04	9/12/2022
319	100.0	29.8	13.4380454	63.83	9/12/2022
320	100.0	26.8	13.4542373	56.28	9/12/2022
321	100.0	27.9	13.261851	61.98	9/12/2022
322	98.4	24.9	13.4482759	58.68	9/12/2022
323	100.0	89.0	17.7730263	92.71	11/10/2020
324	100.0	73.5	16.7507102	90.04	11/10/2020
325	100.0	43.4	13.8379747	64.57	11/10/2020
326	100.0	59.2	16.5492832	93.34	11/10/2020
327	100.0	57.1	15.4976122	79.96	11/10/2020
328	100.0	42.6	13.2059497	56.76	11/10/2020
329	97.9	74.7	17.6177574	93.29	11/10/2020
330	90.1	67.7	15.9617021	89.30	11/10/2020
331	100.0	43.3	13.7248577	61.78	11/10/2020
332	100.0	84.7	16.1086527	90.82	11/10/2020
333	100.0	58.6	15.0521558	84.65	11/10/2020
334	100.0	48.5	13.9064327	70.49	11/10/2020
335	100.0	98.9	13.9814739	90.15	2/2/2021
336	100.0	54.0	14.1192748	81.80	2/2/2021
337	100.0	50.4	14.5464334	68.18	2/2/2021
338	100.0	57.8	14.2242518	89.24	2/2/2021
339	85.8	50.5	14.4574341	86.12	2/2/2021
340	100.0	43.8	12.53407	60.34	2/2/2021
341	87.3	69.8	15.656399	93.12	2/2/2021
342	80.6	66.1	15.186954	61.49	2/2/2021
343	100.0	36.2	13.123412	89.29	2/2/2021
344	94.5	69.4	15.9218828	89.22	2/2/2021
345	83.6	49.1	14.3713043	78.88	2/2/2021
346	100.0	49.6	14.4097387	73.59	2/2/2021

	AU	AV	AW	AX	AY
347	100.0	81.0	13.917207	79.59	1/19/2022
348	100.0	77.1	16.5510302	64.78	1/19/2022
349	100.0	87.8	12.5568182	50.00	1/19/2022
350	100.0	74.9	12.4521498	78.51	1/19/2022
351	100.0	89.7	16.0111259	53.79	1/19/2022
352	100.0	82.0	18.1362441	86.12	1/19/2022
353	100.0	89.9	15.7124949	57.43	1/19/2022
354	90.3	109.6	18.7509248	53.43	1/19/2022
355	100.0	76.4	13.789266	83.98	1/19/2022
356	100.0	64.3	10.9596774	66.83	1/19/2022
357	100.0	52.5	11.7952941	57.24	1/19/2022
358	100.0	72.5	13.9150301	90.48	6/14/2021
359	100.0	55.1	14.8552279	87.70	6/14/2021
360	100.0	40.6	14.3385672	81.34	6/14/2021
361	99.0	50.4	14.4018339	85.87	6/14/2021
362	100.0	39.8	11.8193202	54.71	6/14/2021
363	100.0	70.9	13.9389432	91.54	6/14/2021
364	93.9	53.6	14.4235358	88.95	6/14/2021
365	100.0	33.9	12.5135566	60.60	6/14/2021
366	100.0	71.5	14.524872	90.19	6/14/2021
367	100.0	51.5	14.6080508	85.69	6/14/2021
368	100.0	40.6	12.6334012	64.02	6/14/2021
369	57.4	33.0	13.9502573	60.65	4/19/2021
370	60.1	27.9	13.4558824	51.50	4/19/2021
371	55.4	31.6	12.877551	59.95	4/19/2021
372	59.7	27.6	13.673913	51.60	4/19/2021
373	53.5	34.4	13.8003597	65.94	4/19/2021
374	58.9	28.9	12.7483444	49.16	4/19/2021
375	57.5	30.7	12.6434109	54.31	4/19/2021
376	69.8	26.4	12.4634921	46.46	4/19/2021
377	67.1	25.2	14.1273885	54.15	9/14/2021
378	67.6	24.3	12.147619	43.46	9/14/2021
379	58.6	29.9	13.6382979	60.14	9/14/2021
380	63.1	27.5	12.1419558	49.89	9/14/2021
381	55.3	31.2	14.374677	58.06	9/14/2021
382	72.0	25.0	13.0673759	48.58	9/14/2021
383	53.5	30.2	13.7542373	52.00	9/14/2021
384	77.1	22.7	13.4485981	43.85	9/14/2021
385	50.6	26.5	15.1958042	83.47	3/28/2022
386	90.9	25.0	14.3330349	49.86	3/28/2022
387	47.8	30.5	15.6339286	82.25	3/28/2022
388	94.8	32.1	15.1111111	58.91	3/28/2022
389	85.2	16.6	11.3469388	85.41	3/28/2022
390	95.1	30.0	14.6342857	55.30	3/28/2022
391	98.3	18.9	10.4148472	90.68	3/28/2022
392	92.5	30.7	16.5266667	54.25	3/28/2022
393	54.1	39.4	13.4994111	74.84	8/15/2022
394	49.5	33.3	12.9365427	50.64	8/15/2022
395	64.9	49.9	15.4552365	76.21	8/15/2022
396	54.9	30.5	12.2507937	46.96	8/15/2022
397	58.5	40.5	14.4934602	78.22	8/15/2022
398	52.4	30.9	12.3036304	54.63	8/15/2022
399	51.0	33.9	12.5811966	62.80	8/15/2022
400	43.6	35.8	12.8463768	48.93	8/15/2022
401	100.0	46.1	11.8492334	65.09	4/12/2021
402	100.0	44.8	18.4244373	45.66	4/12/2021
403	100.0	48.1	12.2988215	57.16	4/12/2021
404	100.0	44.1	13.5939643	43.77	4/12/2021
405	92.4	64.2	13.2497754	77.00	4/12/2021
406	100.0	41.4	14.3059937	41.53	4/12/2021

	AU	AV	AW	AX	AY
407	100.0	49.6	12.4513274	57.14	4/12/2021
408	100.0	44.1	16.1812627	40.04	4/12/2021
409	100.0	50.8	12.1163832	51.37	9/20/2021
410	100.0	30.0	58.0963855	70.72	9/20/2021
411	100.0	52.6	12.4002037	27.96	9/20/2021
412	100.0	35.5	13.8296089	41.04	9/20/2021
413	96.1	74.1	12.4499632	47.72	9/20/2021
414	100.0	41.3	14.0314136	52.86	9/20/2021
415	100.0	43.7	12.504958	33.17	9/20/2021
416	100.0	50.0	15.3152455	44.15	9/20/2021
417	62.2	19.5	10.8535354	82.95	4/20/2022
418	86.2	24.4	13.0403727	47.58	4/20/2022
419	64.1	23.1	11.0468085	67.58	4/20/2022
420	100.0	25.8	12.6411609	51.66	4/20/2022
421	100.0	26.0	12.5739348	79.97	4/20/2022
422	100.0	27.5	12.5361702	52.96	4/20/2022
423	100.0	26.5	13.1270358	69.98	4/20/2022
424	100.0	31.0	13.2065041	40.35	4/20/2022
425	100.0	42.7	12.4304885	72.59	8/29/2022
426	100.0	40.7	12.9012821	50.69	8/29/2022
427	100.0	32.9	11.9917355	63.74	8/29/2022
428	100.0	35.6	13.7605634	43.61	8/29/2022
429	100.0	50.1	13.2449495	65.34	8/29/2022
430	100.0	35.2	16.8733766	39.64	8/29/2022
431	100.0	45.0	13.0160395	67.88	8/29/2022
432	100.0	38.9	17.1009818	49.72	8/29/2022
433	100.0	75.3	14.5465587	87.27	11/16/2020
434	100.0	72.2	15.9339067	78.62	11/16/2020
435	100.0	74.5	18.4262056	80.47	11/16/2020
436	100.0	82.7	15.5722426	88.86	11/16/2020
437	100.0	59.7	13.6984203	78.45	11/16/2020
438	100.0	64.6	19.2522098	77.78	11/16/2020
439	100.0	93.8	13.1099855	92.54	11/16/2020
440	100.0	76.8	15.2460973	84.10	11/16/2020
441	100.0	75.2	20.3586437	83.21	11/16/2020
442	100.0	95.3	12.5128993	92.77	11/16/2020
443	100.0	80.6	15.2051081	88.28	11/16/2020
444	100.0	69.5	15.6344994	80.55	11/16/2020
445	100.0	70.1	13.755837	88.38	2/9/2021
446	100.0	53.7	14.4748533	80.53	2/9/2021
447	100.0	62.1	15.4603581	78.51	2/9/2021
448	100.0	57.6	13.0225133	85.68	2/9/2021
449	100.0	55.6	13.7239108	72.51	2/9/2021
450	100.0	63.1	20.6480569	76.68	2/9/2021
451	100.0	83.0	12.7436178	92.35	2/9/2021
452	100.0	60.5	13.3031514	81.19	2/9/2021
453	100.0	62.4	15.6147578	76.45	2/9/2021
454	100.0	60.3	16.3963415	88.22	2/9/2021
455	100.0	67.4	14.6653434	81.88	2/9/2021
456	100.0	66.1	19.2355998	82.78	2/9/2021
457	100.0	86.0	13.5715875	88.47	6/23/2021
458	100.0	65.7	15.8443827	80.24	6/23/2021
459	100.0	106.2	13.4495968	85.43	6/23/2021
460	100.0	61.4	14.2418398	78.40	6/23/2021
461	100.0	72.7	13.7174576	84.92	6/23/2021

Soil data

	AU	AV	AW	AX	AY
462	100.0	70.2	16.8186739	80.26	6/23/2021
463	100.0	66.1	16.6934075	84.45	6/23/2021
464	100.0	71.2	18.6458761	81.19	6/23/2021
465	100.0	59.1	13.480042	82.84	1/24/2022
466	100.0	51.3	12.9038031	74.92	1/24/2022
467	99.8	58.6	14.4547402	89.82	1/24/2022
468	100.0	52.3	13.1065089	72.33	1/24/2022
469	100.0	50.4	12.1113445	84.43	1/24/2022
470	100.0	75.5	14.9422067	76.34	1/24/2022
471	100.0	50.8	13.1238447	84.20	1/24/2022
472	100.0	50.6	13.0544662	80.82	1/24/2022