

Leaf Area Index (m2/m2)

	Latitude	Longitude	Intact (2002)	Intact (2012)	Change in Intact	Deforested (2002)	Deforested (2012)	Change in Deforested	Difference in leaf area change
0	-16.9	-64.5	5.238426004	4.74050933	-0.497916674	5.253935263	4.979166741	-0.274768523	-0.223148151
1	-16.85	-57.4	3.809193178	3.433664072	-0.375529106	2.909490784	2.560416705	-0.349074079	-0.026455027
2	-16.4	-65.85	5.206172917	5.13495378	-0.071219137	5.272685264	5.224768596	-0.047916667	-0.023302469
3	-16.25	-67.4	4.64076653	4.487397186	-0.153369344	4.252314878	3.980324133	-0.271990745	0.118621401
4	-15.95	-64.1	5.176273225	5.054166742	-0.122106483	4.863888961	4.584722291	-0.279166671	0.157060188
5	-15.95	-64.05	5.311342672	5.149768595	-0.161574076	5.265046375	5.064120446	-0.200925929	0.039351852
6	-15.75	-67.05	5.124691434	5.108719212	-0.015972222	5.126388965	5.040972297	-0.085416668	0.069444445
7	-15.6	-63.55	5.15370378	4.914814888	-0.238888892	5.267824153	4.829629702	-0.438194451	0.199305559
8	-15.5	-61.85	5.200289429	5.089988502	-0.110300928	5.191203781	5.069907483	-0.121296298	0.010995371
9	-15.45	-63.6	5.227141282	4.998263963	-0.228877318	4.886111184	4.857175998	-0.028935186	-0.199942133
10	-15.35	-63.8	5.245370449	4.826620442	-0.418750006	5.180555633	3.968750059	-1.211805574	0.793055567
11	-15.35	-63.75	5.245370449	4.826620442	-0.418750006	5.178472299	3.911805614	-1.266666686	0.847916679
12	-15.35	-61.55	5.159953781	5.111342669	-0.048611112	4.938426	4.390509325	-0.547916675	0.499305563
13	-15.3	-63.85	5.245370449	4.826620442	-0.418750006	5.173148225	3.66018524	-1.512962986	1.094212979
14	-15.3	-63.8	5.25648156	4.95879637	-0.29768519	5.268287116	4.465509326	-0.80277779	0.5050926
15	-15.3	-63.75	5.249691436	5.047530939	-0.202160497	5.211574152	4.937731555	-0.273842597	0.0716821
16	-15.3	-63.7	5.255439893	5.07563665	-0.179803243	5.305555635	5.039583408	-0.265972226	0.086168983
17	-15.25	-61.5	5.240046374	5.015046371	-0.225000003	5.206944522	4.706713033	-0.500231489	0.275231486
18	-15.2	-63.8	5.273765511	5.037345754	-0.236419757	5.189814892	4.096296357	-1.093518535	0.857098778
19	-15.15	-63.95	4.758796367	4.543518586	-0.215277781	5.212500078	4.866666739	-0.345833338	0.130555558
20	-15.15	-63.9	5.015046371	4.79814822	-0.216898151	5.204629707	4.834490813	-0.370138894	0.153240743
21	-15.15	-63.8	5.204232882	5.010846636	-0.193386246	5.252546375	4.530787105	-0.72175927	0.528373024
22	-15	-64.15	5.218287115	5.218518596	0.000231481	5.086805631	5.062500075	-0.024305556	0.024537037
23	-14.9	-62.35	5.188683205	5.174665715	-0.01401749	5.031250075	5.01481489	-0.016435185	0.002417696
24	-14.8	-66.65	4.809027849	4.692708403	-0.116319446	4.679629699	4.622453773	-0.057175927	-0.059143519
25	-14.8	-62.45	5.09282415	4.806250072	-0.286574078	5.023842667	5.029629705	0.005787037	-0.292361115
26	-14.8	-61.45	5.280092671	5.144305632	-0.135787039	5.320601931	5.125694521	-0.19490741	0.059120371
27	-14.75	-62.75	5.157098842	5.230941436	0.073842594	5.149074151	5.005092667	-0.143981484	0.217824077
28	-14.75	-62.55	5.131944521	5.252777856	0.120833335	5.14120378	5.088426002	-0.052777779	0.173611114
29	-14.75	-62.5	5.131944521	5.252777856	0.120833335	5.14120378	5.003472297	-0.137731484	0.258564819
30	-14.6	-62.8	5.248545052	5.237235528	-0.011309524	5.127777854	5.054398223	-0.073379631	0.062070107
31	-14.45	-64.25	5.234375078	5.069560261	-0.164814817	5.293750079	4.173842655	-1.119907424	0.955092607
32	-14.4	-64.25	5.240817979	5.060571063	-0.180246916	5.261805634	4.787731553	-0.474074081	0.293827165
33	-13.95	-63.65	4.851794054	4.832928313	-0.018865741	4.65787044	4.354398213	-0.303472227	0.284606486
34	-13.9	-63.65	4.855671369	4.764930627	-0.090740742	4.888425999	4.670833403	-0.217592596	0.126851854
35	-13.15	-54.4	5.2751544	5.141821064	-0.133333335	4.493518585	4.373379695	-0.120138891	-0.013194445
36	-13	-70.5	5.114351928	4.796527849	-0.317824079	5.281250079	5.073148224	-0.208101855	-0.109722224
37	-13	-70.45	5.106018595	4.78263896	-0.323379634	5.278703782	5.072222298	-0.206481485	-0.11689815
38	-12.95	-70.65	5.276355899	5.100529177	-0.175826722	4.86527785	3.785185242	-1.080092609	0.904265886
39	-12.95	-70.6	5.279552548	5.071990816	-0.207561731	4.40069451	3.631250054	-0.769444456	0.561882724
40	-12.9	-70.65	5.162294316	4.992489786	-0.169804529	5.341203783	5.143055632	-0.198148151	0.028343622
41	-12.9	-61.75	5.063078779	4.884645135	-0.178433645	4.985416741	3.607407461	-1.37800928	1.199575635
42	-12.9	-61.7	5.248379708	4.980709951	-0.267669757	5.181481559	4.262731545	-0.918750014	0.651080257
43	-12.8	-54.1	5.270932618	5.231481559	-0.039451059	5.156018595	5.040046371	-0.115972224	0.076521165
44	-12.7	-63.45	5.086863502	4.982841509	-0.104021992	4.870370443	4.725694515	-0.144675928	0.040653936
45	-12.55	-58.65	4.762222293	4.538703771	-0.223518522	4.625000069	4.164583395	-0.460416674	0.236898152
46	-12.55	-53.15	3.813165566	3.741782463	-0.071383103	3.459490792	3.283564864	-0.175925929	0.104542826
47	-12.45	-53.1	4.507986178	4.507986178	0	4.79814822	4.344444509	-0.45370371	0.45370371
48	-12.45	-53.05	4.845717665	4.803009331	-0.042708334	5.274305634	4.585185254	-0.689120381	0.646412047
49	-12.4	-60.25	5.17583341	5.150185262	-0.025648149	5.199305633	4.983101926	-0.216203707	0.190555558
50	-12.2	-53.2	5.195486189	5.227855016	0.032368828	4.962731555	4.594675994	-0.368055561	0.400424389
51	-12.15	-53.25	5.191964363	5.182738172	-0.009226191	5.152314892	4.973842667	-0.178472225	0.169246034
52	-12.1	-59.7	5.104530499	4.836557612	-0.267972888	4.984722297	4.166666729	-0.818055568	0.55008268
53	-12.05	-66.45	5.289785958	5.193026698	-0.096759261	5.31412045	5.142129706	-0.171990743	0.075231483
54	-12.05	-54.15	5.324922919	4.973456864	-0.351466055	5.222916744	5.150926003	-0.071990742	-0.279475313
55	-12.05	-54.1	5.323379709	5.08032415	-0.243055559	4.934259333	4.730092663	-0.20416667	-0.038888889
56	-12.05	-53.35	5.221805633	5.189814892	-0.031990741	4.413657473	4.014814875	-0.398842599	0.366851857
57	-12	-58.55	5.120601928	5.064120446	-0.056481482	4.847916739	4.624768587	-0.223148151	0.166666669
58	-12	-53.45	5.136435262	5.09569452	-0.040740741	4.733796367	4.404861177	-0.32893519	0.288194449
59	-12	-53.4	5.262103253	5.222685263	-0.03941799	5.154629706	4.686805625	-0.467824081	0.428406091

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	Latitude	Longitude	Intact (2002)	Intact (2012)	Change in Intact	Deforested (2002)	Deforested (2012)	Change in Deforested	Difference in leaf area change
60	-12	-53.35	5.246921374	5.236620448	-0.010300926	5.270370449	5.127314891	-0.143055558	0.132754632
61	-11.95	-64.95	5.237896903	5.196461718	-0.041435186	5.235185263	5.132870447	-0.102314816	0.060879631
62	-11.95	-64.15	5.277392054	5.173456867	-0.103935187	5.263657486	5.17384267	-0.089814816	-0.014120371
63	-11.9	-66.6	5.212500078	5.060706094	-0.151793984	3.845601909	3.585648202	-0.259953708	0.108159724
64	-11.9	-64.1	5.256666745	5.169305633	-0.087361112	5.263194523	5.206481559	-0.056712964	-0.030648149
65	-11.9	-54.1	5.300983875	5.105410956	-0.19557292	5.108796372	3.469675978	-1.639120395	1.443547475
66	-11.9	-53.65	4.98244055	4.760251394	-0.222189157	5.222453782	3.837731539	-1.384722243	1.162533086
67	-11.85	-53.7	5.2269098	5.115711882	-0.111197918	5.282870449	4.812500072	-0.470370377	0.359172459
68	-11.85	-53.65	4.937075691	4.691319514	-0.245756177	5.008101926	4.20115747	-0.806944456	0.56118828
69	-11.8	-53.6	5.090306789	4.947395907	-0.142910882	4.492129697	3.790972279	-0.701157418	0.558246536
70	-11.75	-65.5	5.212557948	5.143344984	-0.069212964	4.103703765	3.897453762	-0.206250003	0.137037039
71	-11.75	-64	4.763020904	4.442515498	-0.320505406	4.681944514	4.513657475	-0.16828704	-0.152218366
72	-11.75	-53.7	5.290084955	5.218287115	-0.071797841	5.299305635	4.695601922	-0.603703713	0.531905872
73	-11.75	-53.6	5.170205103	5.0248678	-0.145337304	4.295601916	3.753240797	-0.542361119	0.397023815
74	-11.7	-65.5	5.188657485	5.103202237	-0.085455248	4.798611183	4.350231546	-0.448379636	0.362924388
75	-11.7	-53.7	5.292261984	5.238723623	-0.053538361	5.310416746	4.771990812	-0.538425934	0.484887573
76	-11.65	-65.6	5.107176002	4.971527852	-0.13564815	4.874305628	4.748148219	-0.126157409	-0.009490741
77	-11.65	-65.5	5.179321065	5.110301002	-0.069020063	5.138888965	5.110185261	-0.028703704	-0.040316359
78	-11.65	-53.65	5.033472297	4.978426	-0.055046297	5.167361188	4.414583399	-0.752777789	0.697731492
79	-11.6	-53.65	5.165663657	5.039634849	-0.126028808	5.261111119	5.14583341	-0.115277779	-0.010751029
80	-11.5	-53.05	4.956867358	4.917052542	-0.039814815	4.875000073	4.787037108	-0.087962964	0.048148149
81	-11.45	-53.55	5.1754116	5.010956865	-0.164454735	5.317824153	4.621064884	-0.69675927	0.532304535
82	-11.45	-53.1	5.06654048	4.998169266	-0.068371213	4.215509322	4.30092599	0.085416668	-0.153787881
83	-11.4	-65.55	5.132820844	5.045701133	-0.08711971	5.207638966	4.809027849	-0.398611117	0.311491407
84	-11.4	-53.55	5.315837271	5.157928318	-0.157908953	5.298379709	4.596759328	-0.701620381	0.543711428
85	-11.4	-53.5	5.219838041	5.051180631	-0.16865741	5.300926005	4.654629699	-0.646296306	0.477638896
86	-11.35	-65.5	5.132407484	5.035474612	-0.096932872	5.239120448	4.030324134	-1.208796314	1.111863442
87	-11.35	-53.55	5.318441437	5.180046373	-0.138395064	5.329629709	5.149537114	-0.180092595	0.041697531
88	-11.3	-65.5	5.15859796	5.123776531	-0.034821429	5.264120449	4.454861177	-0.809259271	0.774437842
89	-11.25	-65.5	5.182275209	5.106117801	-0.076157409	5.169444521	4.194213025	-0.975231496	0.899074087
90	-11.25	-53.8	5.176311806	4.969097296	-0.207214509	5.068287113	4.826157479	-0.242129633	0.034915124
91	-11.2	-53.25	5.183817417	5.063615395	-0.120202022	4.17314821	3.938657466	-0.234490744	0.114288722
92	-11.15	-53.25	5.18600597	5.055681894	-0.130324076	4.862731554	4.518981549	-0.343750005	0.213425929
93	-11.05	-53.3	5.186632022	5.108044058	-0.078587964	4.914351925	4.747222293	-0.167129632	0.088541668
94	-10.7	-73.65	5.24273156	5.186944522	-0.055787038	5.193518596	5.273842671	0.080324075	-0.136111113
95	-10.55	-53.5	5.305000079	5.178263966	-0.126736113	5.231250078	5.080555631	-0.150694447	0.023958334
96	-10.4	-64.35	5.242361189	5.04018526	-0.202175929	5.277083412	4.262731545	-1.014351867	0.812175938
97	-10.4	-53.55	5.304089585	5.184220756	-0.119868829	5.296064894	4.462963029	-0.833101864	0.713233035
98	-10.4	-53.5	5.310248396	5.185122131	-0.125126264	5.306944524	4.87777785	-0.429166673	0.304040409
99	-10.35	-64.45	5.23773156	5.138252391	-0.099479168	5.210416744	4.722453774	-0.48796297	0.388483802
100	-10.35	-64.4	5.234583411	5.12208341	-0.112500002	5.06782415	3.593287091	-1.474537059	1.362037057
101	-10.35	-53.55	5.305729246	5.215943365	-0.089785881	4.200000063	3.405324125	-0.794675938	0.704890057
102	-10.3	-64.4	5.2409723	5.162152855	-0.078819446	5.078472298	3.851620428	-1.22685187	1.148032425
103	-10.2	-64.45	5.229120448	5.1972223	-0.031898149	5.280787116	4.866435258	-0.414351858	0.382453709
104	-10.2	-61.55	5.279475387	5.066100899	-0.213374489	5.020833408	4.130092654	-0.890740754	0.677366265
105	-10.15	-64.45	5.2409723	5.190219985	-0.050752316	5.254398226	5.172453781	-0.081944446	0.03119213
106	-10.15	-64.35	5.219676004	5.203009337	-0.016666667	5.262500078	3.732175982	-1.530324097	1.51365743
107	-10.15	-53.6	5.314274771	5.214274769	-0.100000001	3.688425981	2.866203746	-0.822222234	0.722222233
108	-10.15	-52.7	5.228626621	5.118981558	-0.109645063	4.905555629	2.21365744	-2.691898188	2.582253125
109	-10.1	-64.4	5.251929091	5.201813349	-0.050115741	5.194907485	5.112731558	-0.082175927	0.032060186
110	-10.1	-64.35	5.23310193	5.21446767	-0.01863426	5.270138967	5.194444522	-0.075694446	0.057060186
111	-10.1	-53.6	5.316666746	5.129166743	-0.187500003	5.055787112	4.206713026	-0.849074087	0.661574084
112	-10.1	-53.55	5.30173619	5.161574151	-0.140162039	5.229398226	5.203240818	-0.026157408	-0.114004631
113	-10.1	-53.5	5.190046374	5.077579441	-0.112466933	5.296527857	5.214583411	-0.081944446	-0.030522487
114	-10	-64.75	5.225926004	4.956250074	-0.26967593	5.227777856	4.320370435	-0.907407421	0.637731491
115	-10	-64.7	5.234027856	4.998206093	-0.235821763	5.243055634	3.7256945	-1.517361134	1.281539371
116	-10	-64.65	5.258487733	5.104629706	-0.153858027	5.191666744	4.20277784	-0.988888904	0.835030877
117	-9.95	-64.75	5.225231559	4.735416737	-0.489814822	5.211805633	4.525925993	-0.68587964	0.196064818
118	-9.95	-64.7	5.23622693	4.825810257	-0.410416673	5.2097223	3.956713022	-1.253009278	0.842592605
119	-9.95	-64.65	5.270998756	4.972420709	-0.298578047	5.239120448	4.368518584	-0.870601865	0.572023818

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120	-9.95	-64.3	5.274228474	5.206867362	-0.067361112	5.178935262	5.065046372	-0.113888891	0.046527778
121	-9.95	-60.1	5.201481559	5.121250076	-0.080231483	5.123148224	4.39907414	-0.724074085	0.643842602
122	-9.95	-60	5.194039429	5.107986187	-0.086053242	5.055555631	3.347453754	-1.708101877	1.622048635
123	-9.95	-59.95	5.216203781	5.212152855	-0.004050926	4.973842667	3.242824122	-1.731018544	1.726967618
124	-9.95	-59.9	5.2159723	5.191203781	-0.024768519	5.251620449	4.479166733	-0.772453715	0.747685196
125	-9.9	-64.65	5.286747764	4.999942204	-0.28680556	5.179398225	3.463657459	-1.715740766	1.428935206
126	-9.85	-64.65	5.287191437	4.936034024	-0.351157413	5.204861189	4.14814821	-1.056712979	0.705555566
127	-9.85	-64.6	5.27986119	4.940873089	-0.3389881	5.280324153	4.092592654	-1.187731499	0.848743399
128	-9.85	-64.3	5.287777857	5.20134267	-0.086435186	5.287268597	5.156018595	-0.131250002	0.044814815
129	-9.85	-59.9	5.129166743	5.135185262	0.006018519	5.221064893	5.039120445	-0.181944447	0.187962966
130	-9.8	-64.65	5.277083412	4.788310257	-0.488773155	5.320601931	4.612963032	-0.707638899	0.218865744
131	-9.8	-64.6	5.26773156	4.814583405	-0.453148155	5.161111188	3.743287093	-1.417824095	0.96467594
132	-9.8	-64.55	5.277893597	4.908593823	-0.369299774	5.252083412	4.362963028	-0.889120384	0.51982061
133	-9.8	-53.55	5.287230017	5.227507794	-0.059722223	5.274305634	5.256250078	-0.018055556	-0.041666667
134	-9.75	-64.55	5.270138967	4.728981552	-0.541157415	4.913657481	3.195833381	-1.7178241	1.176666684
135	-9.75	-64.5	5.278575182	4.925025794	-0.353549388	5.100231557	4.023842653	-1.076388905	0.722839517
136	-9.7	-64.5	5.291898227	4.895046369	-0.396851858	5.144444521	4.288888953	-0.855555568	0.458703711
137	-9.7	-64.45	5.291898227	4.895046369	-0.396851858	5.31412045	4.797916738	-0.516203711	0.119351854
138	-9.7	-64.3	5.299614277	5.177777855	-0.121836422	5.238194522	4.374768584	-0.863425939	0.741589517
139	-9.7	-61.45	5.245012704	5.223316576	-0.021696128	5.246296374	5.230787115	-0.015509259	-0.006186869
140	-9.65	-74.95	5.210995448	5.11770841	-0.093287038	5.045370446	4.881713036	-0.16365741	0.070370371
141	-9.65	-64.5	5.297801005	5.179513966	-0.118287039	5.272916745	4.323611176	-0.94930557	0.831018531
142	-9.65	-64.45	5.297801005	5.179513966	-0.118287039	5.299074153	4.921527851	-0.377546302	0.259259263
143	-9.65	-64.3	5.297801005	5.179513966	-0.118287039	5.26736119	4.990046371	-0.277314819	0.15902778
144	-9.65	-55.65	5.30331798	5.153009336	-0.150308644	5.110185261	4.869444517	-0.240740744	0.0904321
145	-9.65	-55.4	5.204259337	5.195000077	-0.009259259	5.235648226	5.196296374	-0.039351852	0.030092593
146	-9.65	-52.15	5.18009267	5.175578781	-0.004513889	5.153472299	4.453240807	-0.700231492	0.695717603
147	-9.6	-64.5	5.282638968	5.147222299	-0.135416669	5.271990819	4.262731545	-1.009259274	0.873842606
148	-9.6	-64.45	5.282638968	5.147222299	-0.135416669	5.273148227	4.925925999	-0.347222227	0.211805559
149	-9.6	-64.35	5.282638968	5.147222299	-0.135416669	5.329166746	5.090046372	-0.239120374	0.103703705
150	-9.6	-61.85	5.248495449	5.267071838	0.018576389	5.129398225	4.693287107	-0.436111118	0.454687507
151	-9.6	-58.35	5.230787115	5.143055632	-0.087731483	4.956018592	4.359490806	-0.596527787	0.508796304
152	-9.55	-74.95	5.217071837	5.151099614	-0.065972223	5.098842669	4.956713037	-0.142129632	0.076157409
153	-9.55	-65.7	5.239892053	5.130092669	-0.109799384	5.12083341	4.770370441	-0.350462968	0.240663584
154	-9.55	-58.35	5.230787115	5.143055632	-0.087731483	4.997916741	4.436111177	-0.561805564	0.474074081
155	-9.5	-67.1	5.1425596	4.990145577	-0.152414023	5.268287116	4.351157472	-0.917129643	0.76471562
156	-9.5	-66	5.252083412	5.163888966	-0.088194446	5.111342669	4.886574147	-0.224768522	0.136574076
157	-9.5	-65.75	5.243287115	5.14745378	-0.095833335	3.865509317	3.695833388	-0.169675928	0.073842594
158	-9.5	-64.05	5.267882023	5.142129706	-0.125752317	5.271296375	4.878935258	-0.392361117	0.2666088
159	-9.5	-59.85	5.209976929	5.06731489	-0.142662039	4.950926	4.230555619	-0.720370381	0.577708342
160	-9.5	-58.4	5.218379707	5.134120447	-0.084259261	4.690972292	4.480324141	-0.210648151	0.126388891
161	-9.5	-58.35	5.230787115	5.143055632	-0.087731483	4.85277785	4.590509328	-0.262268522	0.17453704
162	-9.5	-52.15	5.214120448	5.229205325	0.015084877	4.157870432	2.733101893	-1.42476854	1.439853417
163	-9.45	-74.95	5.100752391	5.091030168	-0.009722222	5.072222298	5.002777852	-0.069444445	0.059722223
164	-9.45	-66.05	5.254629708	5.226157485	-0.028472223	4.758101923	4.433564881	-0.324537042	0.296064819
165	-9.45	-65.75	5.243287115	5.14745378	-0.095833335	4.724768589	4.606944513	-0.117824076	0.021990741
166	-9.45	-59.85	5.209656162	5.02159399	-0.188062172	5.203935263	5.168750077	-0.035185186	-0.152876986
167	-9.45	-52.15	5.223611189	5.232605898	0.008994709	4.219444507	2.777777819	-1.441666688	1.450661397
168	-9.45	-52.1	5.181944522	5.20821767	0.026273149	5.049305631	3.253703752	-1.795601879	1.821875027
169	-9.4	-66.1	5.298842672	5.251234646	-0.047608025	5.028009334	4.178009322	-0.850000013	0.802391987
170	-9.4	-66.05	5.259201467	5.207465355	-0.051736112	5.118287113	4.699074144	-0.419212969	0.367476857
171	-9.4	-65.6	5.237268597	5.028703779	-0.208564818	5.274768597	4.848611183	-0.426157414	0.217592596
172	-9.4	-65.55	5.219676004	5.09032415	-0.129351854	5.26111119	4.950000074	-0.311111116	0.181759262
173	-9.4	-55.85	5.280621772	5.189583411	-0.091038361	5.31736119	4.983796371	-0.33356482	0.242526459
174	-9.4	-52.1	5.188194522	5.207002392	0.018807871	4.535879697	3.897685243	-0.638194454	0.657002325
175	-9.35	-66.1	5.298842672	5.251234646	-0.047608025	5.188194522	5.106944521	-0.081250001	0.033641976
176	-9.35	-65.9	5.24241906	5.140914428	-0.101504631	5.245138967	5.223148226	-0.021990741	-0.07951389
177	-9.35	-65.75	5.271990819	5.172916744	-0.099074076	5.126157484	4.287037101	-0.839120383	0.740046307
178	-9.35	-65.6	5.254629708	5.100810261	-0.153819447	5.29398156	5.092129706	-0.201851855	0.048032408
179	-9.35	-64.9	5.24331605	5.17149892	-0.071817131	5.212037115	5.119676002	-0.092361112	0.020543982

Leaf Area Index (m2/m2)

	Latitude	Longitude	Intact (2002)	Intact (2012)	Change in Intact	Deforested (2002)	Deforested (2012)	Change in Deforested	Difference in leaf area change
180	-9.35	-59.8	5.213773226	5.157176003	-0.056597223	5.213657485	4.47546303	-0.738194455	0.681597232
181	-9.35	-52.1	5.187929971	5.206713041	0.018783069	4.793055627	4.679398218	-0.113657409	0.132440478
182	-9.35	-52	5.192824151	5.159027855	-0.033796297	4.975231556	2.432175962	-2.543055593	2.509259297
183	-9.3	-67.95	5.23935193	5.236689893	-0.002662037	5.241435263	5.07106489	-0.170370373	0.167708336
184	-9.3	-66.55	5.259760881	5.16452554	-0.095235341	5.242592671	5.082407483	-0.160185188	0.064949847
185	-9.3	-65.75	5.280401313	5.175540201	-0.104861113	5.106250076	4.45370377	-0.652546306	0.547685193
186	-9.3	-65.7	5.26736119	5.164236188	-0.103125002	5.273842671	5.118750076	-0.155092595	0.051967593
187	-9.3	-59.45	5.239120448	5.146759336	-0.092361112	5.223379707	3.946064874	-1.277314834	1.184953721
188	-9.3	-59.15	5.239120448	5.158159799	-0.080960649	5.225926004	5.084259335	-0.141666669	0.060706019
189	-9.3	-52.05	5.182696836	5.21134267	0.028645834	4.471990807	4.706481552	0.234490744	-0.20584491
190	-9.3	-52	5.192824151	5.159027855	-0.033796297	4.716666737	4.072222283	-0.644444454	0.610648157
191	-9.25	-67.05	5.16450625	4.945409024	-0.219097225	4.62199081	3.710416722	-0.911574088	0.692476862
192	-9.25	-66.1	5.301337528	5.22373979	-0.077597738	5.219907485	4.786574145	-0.433333334	0.355735602
193	-9.25	-65.75	5.287314894	5.183148225	-0.104166668	5.129166743	4.390277843	-0.7388889	0.634722232
194	-9.25	-60.25	5.18950625	4.991589581	-0.19791667	5.171990818	5.165277855	-0.006712963	-0.191203707
195	-9.25	-59.7	5.164351929	5.082176002	-0.082175927	5.249305634	5.129629706	-0.119675928	0.037500001
196	-9.25	-59.6	5.164351929	5.082176002	-0.082175927	5.259259338	5.108101928	-0.15115741	0.068981483
197	-9.25	-59.55	5.164351929	5.082176002	-0.082175927	5.250000078	4.932175999	-0.317824079	0.235648152
198	-9.25	-59.5	5.164351929	5.082176002	-0.082175927	5.270833412	4.801851923	-0.468981488	0.386805561
199	-9.25	-59.45	5.248263967	5.149189892	-0.099074076	5.257870449	4.736574145	-0.521296304	0.422222229
200	-9.25	-58.2	5.259259338	5.306886653	0.047627316	5.213657485	5.080787113	-0.132870372	0.180497688
201	-9.25	-58.05	5.261666745	5.312407487	0.050740741	5.229166745	4.644213032	-0.584953712	0.635694454
202	-9.25	-52	4.54884266	4.617978464	0.069135803	4.991898223	3.611111165	-1.380787058	1.449922861
203	-9.25	-51.95	3.926388947	4.135416728	0.209027781	4.208564878	2.478703741	-1.729861137	1.938888918
204	-9.2	-74.45	4.92629637	4.935740814	0.009444445	4.628703773	4.081944505	-0.546759267	0.556203712
205	-9.2	-67.1	5.221527856	5.173726929	-0.047800927	4.769675997	3.951157466	-0.818518531	0.770717604
206	-9.2	-67.05	5.226774769	5.127353471	-0.099421298	5.224537115	5.162731558	-0.061805556	-0.037615741
207	-9.2	-67	5.233333411	5.100128677	-0.133204734	5.197685263	4.826620442	-0.37106482	0.237860086
208	-9.2	-65.75	5.264907486	5.188125077	-0.076782409	5.256250078	5.158564892	-0.097685187	0.020902778
209	-9.2	-61.6	5.223090356	4.928414425	-0.29467593	5.083333409	4.432638955	-0.650694454	0.356018524
210	-9.2	-60.35	5.213599615	5.079398224	-0.134201391	5.214583411	5.052777853	-0.161805558	0.027604167
211	-9.2	-59.55	5.2034723	5.118518595	-0.084953705	5.204166744	5.160879707	-0.043287038	-0.041666667
212	-9.2	-59.5	5.2034723	5.118518595	-0.084953705	5.227777856	5.073379705	-0.15439815	0.069444445
213	-9.2	-59.45	5.254552547	5.13958341	-0.114969138	5.206713041	4.918518592	-0.288194449	0.173225311
214	-9.2	-58.95	5.257638967	5.225694522	-0.031944445	5.102314891	4.321296361	-0.78101853	0.749074085
215	-9.2	-58.05	5.229421374	5.312916746	0.083495372	5.281713042	5.270138967	-0.011574074	0.095069446
216	-9.2	-52	3.900648206	3.946759318	0.046111112	4.766435256	4.079166727	-0.687268529	0.733379641
217	-9.2	-51.95	3.261033999	3.338425976	0.077391976	4.839351924	3.50277783	-1.336574094	1.41396607
218	-9.2	-51.9	2.928356525	2.939930599	0.011574074	4.983564889	3.02268523	-1.960879659	1.972453733
219	-9.2	-51.85	2.197222255	2.194444477	-0.002777778	4.529861179	2.072685216	-2.457175963	2.454398185
220	-9.15	-66.95	5.247205766	5.061970975	-0.185234791	5.255324152	4.871064887	-0.384259265	0.199024474
221	-9.15	-61.6	5.20046304	4.665393588	-0.535069452	5.191435263	4.904398221	-0.287037041	-0.248032411
222	-9.15	-61.15	5.181597299	5.153935262	-0.027662037	5.18634267	4.243055619	-0.943287051	0.915625014
223	-9.15	-59.45	5.254552547	5.13958341	-0.114969138	5.257407486	4.445601918	-0.811805568	0.69683643
224	-9.15	-58.95	5.25648156	5.176157485	-0.080324075	5.207407485	4.702083403	-0.505324082	0.425000006
225	-9.15	-52	4.117245432	4.15902784	0.041782408	3.015046341	3.116898195	0.101851853	-0.060069445
226	-9.15	-51.9	2.928356525	2.939930599	0.011574074	4.284953768	3.568518572	-0.716435196	0.72800927
227	-9.15	-51.85	2.197222255	2.194444477	-0.002777778	4.426157473	2.419907443	-2.00625003	2.003472252
228	-9.1	-66.2	5.327693682	5.231586778	-0.096106904	5.326851931	4.19027784	-1.136574091	1.040467187
229	-9.1	-62.15	5.227268596	5.080926002	-0.146342595	5.241435263	5.112268595	-0.129166669	-0.017175926
230	-9.1	-61.15	5.163927546	5.151311805	-0.012615741	5.230555633	4.348611176	-0.881944458	0.869328717
231	-9.1	-59.55	5.218634337	5.143441435	-0.075192902	5.221296374	5.023842667	-0.197453707	0.122260804
232	-9.1	-59.5	5.218148226	5.144676003	-0.073472223	5.252777856	5.12083341	-0.131944446	0.058472223
233	-9.1	-59.45	5.250694523	5.134780169	-0.115914354	5.259722301	5.182176003	-0.077546297	-0.038368056
234	-9.1	-59	5.284490819	5.227314893	-0.057175927	5.201157485	4.613194513	-0.587962972	0.530787045
235	-9.1	-58.95	5.257407486	5.193750077	-0.063657408	5.167129707	4.506018586	-0.661111121	0.597453713
236	-9.1	-51.9	3.675000055	3.73356487	0.058564816	3.669444499	2.755787078	-0.913657421	0.972222237
237	-9.05	-66.2	5.312647386	5.221612031	-0.091035355	5.384722302	5.193518596	-0.191203707	0.100168352
238	-9.05	-62.45	5.263078782	5.112152854	-0.150925928	5.191203781	4.732175996	-0.459027785	0.308101856
239	-9.05	-62.4	5.237129708	5.129351928	-0.107777779	5.226620448	4.93541674	-0.291203708	0.183425929

Leaf Area Index (m2/m2)

	Latitude	Longitude	Intact (2002)	Intact (2012)	Change in Intact	Deforested (2002)	Deforested (2012)	Change in Deforested	Difference in leaf area change
240	-9.05	-59.15	5.262165716	5.204423946	-0.05774177	5.009027852	4.045138949	-0.963888903	0.906147133
241	-9.05	-59	5.252638967	5.225694522	-0.026944445	5.249074152	4.919213036	-0.329861116	0.302916671
242	-9.05	-58.95	5.247424847	5.217216513	-0.030208334	5.210185263	4.759027849	-0.451157414	0.42094908
243	-9.05	-57	5.183829442	5.120767272	-0.06306217	5.211805633	5.078703779	-0.133101854	0.070039684
244	-9.05	-51.9	3.72896831	3.72867069	-0.000297619	3.644213017	3.332638939	-0.311574079	0.31127646
245	-9	-74.65	5.277546375	5.242361189	-0.035185186	5.148379706	4.790740812	-0.357638894	0.322453709
246	-9	-67	5.115625076	4.859884332	-0.255740745	5.260416745	4.933101925	-0.32731482	0.071574075
247	-9	-66.15	5.277430634	5.181041744	-0.09638889	5.322685264	5.093055631	-0.229629633	0.133240743
248	-9	-64.55	5.04231489	4.931851925	-0.110462965	4.995833408	4.531250068	-0.46458334	0.354120376
249	-9	-62.5	5.252546375	5.171759336	-0.080787038	5.284259338	5.160185262	-0.124074076	0.043287038
250	-9	-62.45	5.265162115	5.138483873	-0.126678243	5.263657486	5.154166743	-0.109490742	-0.0171875
251	-9	-60.7	5.192332253	5.02809614	-0.164236114	5.10069452	4.80601859	-0.29467593	0.130439817
252	-9	-59	5.242798432	5.219830325	-0.022968107	5.274537116	5.248611189	-0.025925926	0.002957819
253	-9	-58.95	5.243209955	5.206250078	-0.036959877	5.261805634	5.2222223	-0.039583334	0.002623457
254	-9	-57.5	5.223148226	5.23862855	0.015480324	5.169907484	5.140509336	-0.029398149	0.044878473
255	-9	-51.75	1.999305585	1.961805585	-0.037500001	5.172222299	4.18865747	-0.983564829	0.946064829
256	-8.95	-51.8	2.329861146	2.235532441	-0.094328705	3.676851907	2.951157451	-0.725694455	0.63136575
257	-8.95	-51.75	1.999305585	1.961805585	-0.037500001	5.152546373	3.600000054	-1.552546319	1.515046319
258	-8.9	-62.1	5.093595755	4.902777851	-0.190817904	5.08032415	4.933333407	-0.146990743	-0.043827161
259	-8.9	-51.75	1.999305585	1.961805585	-0.037500001	4.758333404	3.064583379	-1.693750025	1.656250025
260	-8.85	-66.7	5.261574152	5.121450694	-0.140123459	5.274305634	4.959259333	-0.315046301	0.174922842
261	-8.85	-60.8	4.836193855	4.65350536	-0.182688495	5.200926003	5.172685262	-0.028240741	-0.154447754
262	-8.85	-51.75	1.999305585	1.961805585	-0.037500001	5.166203781	4.66574081	-0.50046297	0.46296297
263	-8.8	-66.85	5.005787112	4.708333403	-0.297453708	4.78101859	2.978009304	-1.803009286	1.505555578
264	-8.8	-66.75	5.269444523	5.146990817	-0.122453706	5.236574152	4.511574141	-0.725000011	0.602546305
265	-8.75	-67.15	5.172106559	5.168634336	-0.003472222	5.151157484	4.530787105	-0.62037038	0.616898157
266	-8.75	-66.7	5.236574152	4.984027852	-0.2525463	5.242592671	4.775925997	-0.466666674	0.214120374
267	-8.75	-66.65	5.221219214	5.142168287	-0.079050927	5.268055634	4.953935259	-0.314120375	0.235069448
268	-8.7	-67.1	5.159182176	5.162268595	0.00308642	5.156944521	5.133796373	-0.023148148	0.026234568
269	-8.7	-67.05	5.159182176	5.162268595	0.00308642	5.203009337	5.087037113	-0.115972224	0.119058644
270	-8.7	-67	5.159182176	5.162268595	0.00308642	5.186111188	5.114120447	-0.071990742	0.075077162
271	-8.7	-66.7	5.274074153	5.238657485	-0.035416667	5.221064893	4.982407482	-0.238657411	0.203240744
272	-8.7	-55.2	4.730787108	4.230185248	-0.500601859	4.893518591	4.131481543	-0.762037048	0.261435189
273	-8.65	-66.7	5.291088042	5.237500078	-0.053587964	5.250463041	4.931713036	-0.318750005	0.265162041
274	-8.65	-66.65	5.261772565	5.203802988	-0.057969578	5.24560193	5.115046373	-0.130555558	0.07258598
275	-8.65	-64.4	4.943931952	4.823197823	-0.120734129	4.959722296	4.890740814	-0.068981483	-0.051752646
276	-8.65	-64.3	4.861921369	4.741435256	-0.120486113	5.125231558	4.853240813	-0.271990745	0.151504632
277	-8.65	-64.25	5.151157484	5.015895136	-0.135262348	5.190509337	4.488425993	-0.702083344	0.566820996
278	-8.6	-66.9	5.031283144	4.958829439	-0.072453705	5.228935263	5.212731559	-0.016203704	-0.056250001
279	-8.6	-66.85	5.235185263	5.130787113	-0.10439815	5.202083411	5.170601929	-0.031481482	-0.072916668
280	-8.6	-66.8	5.249074152	5.123935262	-0.125138891	5.168518596	4.240277841	-0.928240755	0.803101864
281	-8.6	-66.75	5.271238504	5.13807878	-0.133159724	5.161805632	4.952777852	-0.209027781	0.075868057
282	-8.6	-66.7	5.29081798	5.183950695	-0.106867286	5.240277856	4.990972297	-0.249305559	0.142438274
283	-8.6	-64.25	5.169814892	5.025972297	-0.143842595	5.147685262	4.946990814	-0.200694447	0.056851853
284	-8.55	-63.4	5.246064893	4.921990814	-0.324074079	5.232407485	4.671759329	-0.560648157	0.236574078
285	-8.55	-62.55	5.162037114	5.028426001	-0.133611113	5.231250078	4.466666733	-0.764583345	0.630972232
286	-8.4	-75.3	5.2472223	5.147685262	-0.099537039	5.188426003	5.121296373	-0.067129631	-0.032407408
287	-8.4	-57.7	5.164043287	5.147299459	-0.016743827	4.720138959	3.992824134	-0.727314826	0.710570998
288	-8.35	-63.5	5.044970614	4.914562363	-0.130408251	3.816203761	3.113657454	-0.702546307	0.572138056
289	-8.35	-54.75	5.247314893	5.247685263	0.00037037	5.239583411	5.246759337	0.007175926	-0.006805556
290	-8.3	-63.5	5.046296371	4.920891277	-0.125405094	4.731713033	4.758796367	0.027083334	-0.152488428
291	-8.25	-75.1	5.127314891	5.17708341	0.049768519	5.241203782	5.158101929	-0.083101853	0.132870372
292	-8.25	-63.95	4.953877389	4.778645905	-0.175231484	4.385648213	4.109027839	-0.276620374	0.10138889
293	-8.2	-63.75	4.775180112	4.649331345	-0.125848767	4.461574141	4.30092599	-0.160648151	0.034799383
294	-8.1	-61.55	5.176488172	4.975165418	-0.201322754	4.959027852	4.286111175	-0.672916677	0.471593922
295	-8.05	-63.95	5.230401313	5.05856489	-0.171836422	5.174537114	4.922222296	-0.252314819	0.080478396
296	-8	-62.9	5.016182735	4.91170041	-0.104482325	4.432870436	4.513194512	0.080324075	-0.1848064
297	-8	-61.5	5.13024699	5.019290198	-0.110956792	4.866203776	4.130555617	-0.735648159	0.624691367
298	-7.95	-74.7	5.198379707	5.267245449	0.068865742	4.426620436	3.476388941	-0.950231496	1.019097237
299	-7.9	-61.25	5.201099615	5.148206095	-0.052893519	5.257407486	4.987731556	-0.26967593	0.216782411

Leaf Area Index (m2/m2)

	Latitude	Longitude	Intact (2002)	Intact (2012)	Change in Intact	Deforested (2002)	Deforested (2012)	Change in Deforested	Difference in leaf area change
300	-7.85	-61.7	5.132870447	5.041203779	-0.091666668	5.13333341	4.177083396	-0.956250014	0.864583346
301	-7.85	-61.3	5.211574152	5.056828779	-0.154745373	5.078240816	5.036111186	-0.04212963	-0.112615742
302	-7.8	-61.7	4.830382016	4.720023218	-0.110358798	5.209490818	4.745833404	-0.463657414	0.353298616
303	-7.8	-61.4	5.241319523	5.120138965	-0.121180557	5.273842671	4.928240814	-0.345601857	0.2244213
304	-7.8	-54.8	5.277083412	5.257638967	-0.019444445	5.252314893	5.139120447	-0.113194446	0.093750001
305	-7.75	-61.7	4.914847957	4.809854569	-0.104993388	5.165972299	4.97430563	-0.19166667	0.086673282
306	-7.75	-61.65	4.619984637	4.42407414	-0.195910497	5.179398225	4.649305625	-0.5300926	0.334182104
307	-7.75	-61.6	4.738425997	4.525000067	-0.213425929	5.192361188	4.668055625	-0.524305563	0.310879634
308	-7.75	-61.4	5.2409723	5.118364274	-0.122608027	5.294676005	4.995601926	-0.299074079	0.176466052
309	-7.75	-54.8	5.275347301	5.26423619	-0.011111111	5.254629708	5.254398226	-0.000231481	-0.01087963
310	-7.75	-54.75	5.287764629	5.277777856	-0.009986773	5.294213042	5.281018597	-0.013194445	0.003207672
311	-7.7	-72.45	5.164120447	5.015509334	-0.148611113	5.265046375	5.068750076	-0.196296299	0.047685186
312	-7.7	-61.65	4.842361183	4.663148218	-0.179212966	5.137500077	4.856944517	-0.28055556	0.101342594
313	-7.6	-61.55	5.262885881	5.134182175	-0.128703706	5.221064893	5.065740816	-0.155324076	0.026620371
314	-7.55	-55.8	5.326157487	5.219213041	-0.106944446	5.142361188	4.845833406	-0.296527782	0.189583336
315	-7.55	-55.75	5.326157487	5.219213041	-0.106944446	5.312731561	5.171296373	-0.141435187	0.034490741
316	-7.5	-76.45	5.200694522	5.072222298	-0.128472224	5.118287113	5.072916742	-0.045370371	-0.083101853
317	-7.35	-56.25	5.279513968	5.261574152	-0.017939815	5.153472299	5.007176001	-0.146296298	0.128356483
318	-7.35	-55	5.305555635	5.220023226	-0.085532409	5.328703783	4.845833406	-0.482870378	0.397337969
319	-7.3	-55	5.312326468	5.238715356	-0.073611112	5.306944524	4.813425998	-0.493518526	0.419907414
320	-7.25	-55.1	5.273148227	5.193518596	-0.079629631	5.329166746	5.094213039	-0.234953707	0.155324076
321	-7.25	-55.05	5.311342672	5.264043288	-0.047299383	5.318518598	4.708101922	-0.610416676	0.563117292
322	-7.25	-55	5.324404841	5.247916745	-0.076488096	5.31412045	5.194907485	-0.119212965	0.042724868
323	-7.2	-55.05	5.32412045	5.279676005	-0.044444445	5.306250079	5.187500077	-0.118750002	0.074305557
324	-7.15	-59.45	5.257446066	4.890972295	-0.366473771	5.24398156	4.873842665	-0.370138894	0.003665124
325	-7.15	-55.1	5.285301005	5.19421304	-0.091087964	5.235416745	4.539583401	-0.695833344	0.604745379
326	-7.15	-52.7	5.050165419	4.874933935	-0.175231484	5.188657485	4.668055625	-0.52060186	0.345370376
327	-7.1	-59.45	5.243672918	4.70771612	-0.535956798	5.279166745	4.995833408	-0.283333338	-0.252623461
328	-7.1	-52.75	5.183333411	4.858256245	-0.325077165	5.245833412	5.253935263	0.008101852	-0.333179017
329	-7.1	-52.4	5.271026313	5.110146681	-0.160879632	5.047453779	4.898148221	-0.149305558	-0.011574074
330	-7.05	-52.35	5.298958412	4.972106556	-0.326851857	5.21435193	4.448842659	-0.765509271	0.438657414
331	-7.05	-52.3	5.224247763	4.957928315	-0.266319448	5.283333412	4.890972295	-0.392361117	0.126041669
332	-7.05	-52.25	5.187202458	4.982738169	-0.204464289	5.249537115	3.976157467	-1.273379649	1.06891536
333	-7.05	-52.2	5.189120448	5.04299776	-0.146122687	4.985648222	4.450694511	-0.534953712	0.388831024
334	-7	-71.7	5.055138964	4.976944519	-0.078194446	4.903009332	4.709490811	-0.193518521	0.115324076
335	-7	-59.5	5.218692207	5.112210724	-0.106481483	5.197916744	4.941203777	-0.256712967	0.150231484
336	-7	-55.8	5.31103403	5.167515509	-0.143518521	5.337268598	5.278935264	-0.058333334	-0.085185186
337	-7	-55.7	5.3126544	5.205324152	-0.107330249	5.383101932	4.940509333	-0.442592599	0.335262351
338	-6.9	-55.1	5.221701467	5.086169057	-0.135532409	5.327314894	4.801620442	-0.525694452	0.390162043
339	-6.9	-52.9	5.32662045	5.269907486	-0.056712964	5.249074152	5.220370448	-0.028703704	-0.02800926
340	-6.85	-59.75	5.254311421	5.08819452	-0.166116901	5.243750078	4.743518589	-0.500231489	0.334114588
341	-6.85	-55.1	5.213734646	5.073765508	-0.139969138	5.35162045	5.101851928	-0.249768522	0.109799384
342	-6.8	-76.15	5.124027854	5.153796373	0.029768519	5.051157483	4.996296371	-0.054861112	0.084629631
343	-6.8	-59.35	5.12652124	4.955638301	-0.170882939	5.193055633	5.036574149	-0.156481484	-0.014401455
344	-6.75	-55.85	5.269739136	5.207007653	-0.062731482	5.317824153	4.509722289	-0.808101864	0.745370381
345	-6.75	-55.1	5.169444521	4.994676	-0.174768521	5.290509338	4.935185259	-0.355324079	0.180555558
346	-6.75	-55.05	5.209143596	5.077662113	-0.131481483	5.269907486	4.886805628	-0.383101858	0.251620374
347	-6.7	-76.15	5.247858874	5.236111189	-0.011747685	5.064120446	5.013194519	-0.050925927	0.039178241
348	-6.7	-55.65	5.28456798	5.222067979	-0.062500001	5.275000079	5.121990817	-0.153009262	0.090509261
349	-6.7	-55.05	5.198263966	5.057754705	-0.140509261	5.121759336	4.641666736	-0.4800926	0.339583338
350	-6.65	-55.05	5.19884267	5.066898224	-0.131944446	5.126620447	4.680092662	-0.446527784	0.314583338
351	-6.65	-55	5.206790201	5.122067978	-0.084722223	5.20509267	3.853935243	-1.351157428	1.266435204
352	-6.6	-58.95	5.197303999	5.093518594	-0.103785405	5.209027855	5.175231559	-0.033796297	-0.069989108
353	-6.6	-55	5.138426002	5.038426001	-0.100000001	5.280555634	4.482870437	-0.797685197	0.697685196
354	-6.6	-54.95	5.213194522	5.134683718	-0.078510804	5.265972301	4.42569451	-0.84027779	0.761766987
355	-6.55	-54.95	5.217650541	5.127835725	-0.089814816	5.222916744	3.12245375	-2.100462994	2.010648178
356	-6.55	-53.35	5.362037117	5.144179971	-0.217857146	5.297453783	5.017129704	-0.280324078	0.062466932
357	-6.5	-56.35	5.231944522	5.18009267	-0.051851853	5.222916744	5.141666743	-0.081250001	0.029398149
358	-6.5	-56.1	5.084259335	4.836111183	-0.248148152	5.234027856	5.206250078	-0.027777778	-0.220370374
359	-6.5	-55.1	5.307638968	5.259259338	-0.04837963	5.163194521	4.695138959	-0.468055563	0.419675932

Leaf Area Index (m2/m2)

	Latitude	Longitude	Intact (2002)	Intact (2012)	Change in Intact	Deforested (2002)	Deforested (2012)	Change in Deforested	Difference in leaf area change
360	-6.5	-55.05	5.307638968	5.259259338	-0.04837963	5.228935263	4.841435257	-0.387500006	0.339120375
361	-6.5	-55	5.307638968	5.259259338	-0.04837963	5.27523156	5.122222299	-0.153009262	0.104629631
362	-6.5	-54.95	5.226273226	5.129919058	-0.096354168	5.341666746	4.788657479	-0.553009267	0.456655099
363	-6.45	-55.2	5.292592671	5.285185264	-0.007407408	5.236111189	5.269213041	0.033101852	-0.04050926
364	-6.45	-55.1	5.281713042	5.250154399	-0.031558642	5.196759337	5.101851928	-0.094907409	0.063348766
365	-6.45	-54.95	5.254629708	5.162152855	-0.092476853	5.367592673	5.203009337	-0.164583336	0.072106483
366	-6.4	-54.9	5.272369607	5.21759267	-0.054776937	5.282407486	5.202083411	-0.080324075	0.025547138
367	-6.4	-53.45	5.220370448	4.904398221	-0.315972227	5.280555634	5.037731557	-0.242824078	-0.073148149
368	-6.3	-55.2	5.283217671	5.272916745	-0.010300926	5.223611189	5.034259334	-0.189351855	0.179050929
369	-6.25	-55.2	5.267295052	5.275264629	0.007969577	5.227083411	5.049074149	-0.178009262	0.185978839
370	-6.25	-53.65	5.293034591	5.004082566	-0.288952025	5.2472223	5.183333411	-0.06388889	-0.225063135
371	-6.25	-53.1	5.388888969	5.057870446	-0.331018523	5.258796375	5.138426002	-0.120370372	-0.210648151
372	-6.2	-53.35	5.197569522	4.916435258	-0.281134263	5.312268598	5.194907485	-0.117361113	-0.163773151
373	-6.2	-52.7	5.271759338	5.195138966	-0.076620372	5.158564892	4.670138958	-0.488425933	0.411805562
374	-6.15	-53.4	5.281018597	5.265200696	-0.015817901	4.765972293	4.047453764	-0.718518529	0.702700628
375	-6.15	-53	5.204282485	5.098726928	-0.105555557	5.18009267	4.908333406	-0.271759263	0.166203706
376	-6.15	-52.9	5.232909029	5.173109645	-0.059799384	5.255555634	5.2284723	-0.027083334	-0.03271605
377	-6.15	-52.7	5.271759338	5.195138966	-0.076620372	5.209027855	5.042592668	-0.166435188	0.089814816
378	-6.1	-55.6	5.178657485	5.224814893	0.046157408	5.213194522	5.248379708	0.035185186	0.010972222
379	-6.05	-54.05	5.263835549	5.173593382	-0.090242167	5.380092673	5.294444523	-0.085648149	-0.004594017
380	-6.05	-54	5.273958412	5.171775871	-0.102182541	5.30324082	5.216435263	-0.086805557	-0.015376984
381	-6.05	-51.2	5.225964584	5.068557174	-0.15740741	5.06944452	4.883333406	-0.186111114	0.028703704
382	-6	-53.1	5.205046374	5.004976926	-0.200069447	5.160185262	4.842361183	-0.317824079	0.117754631
383	-6	-53.05	5.19030679	4.962673685	-0.227633105	5.202083411	4.243055619	-0.959027792	0.731394687
384	-5.95	-53.7	5.188657485	5.129578266	-0.059079219	5.018750075	4.434259325	-0.584490749	0.52541153
385	-5.95	-53.1	5.208300342	5.055687906	-0.152612436	5.315509338	5.013657482	-0.301851856	0.14923942
386	-5.95	-53.05	5.204356138	5.023527011	-0.180829127	5.258333412	4.942129703	-0.316203708	0.135374581
387	-5.95	-53	5.109182175	4.888323118	-0.220859057	4.921990814	4.748611182	-0.173379632	-0.047479425
388	-5.95	-52.95	5.11936736	4.933590608	-0.185776752	5.06481489	4.602083402	-0.462731488	0.276954737
389	-5.95	-52.3	5.093055631	5.166898225	0.073842594	5.108333409	5.073379705	-0.034953704	0.108796298
390	-5.9	-77	4.600385871	4.687731551	0.08734568	5.18171304	5.189583411	0.00787037	0.07947531
391	-5.9	-60	5.160092669	5.140694521	-0.019398148	5.2222223	5.16458341	-0.05763889	0.038240741
392	-5.9	-53.7	5.199537115	5.160532484	-0.03900463	5.067361187	4.287268582	-0.780092604	0.741087974
393	-5.85	-59.95	5.159429089	5.115231558	-0.044197532	5.201851929	5.111111187	-0.090740742	0.046543211
394	-5.85	-52.15	5.21288588	5.17538588	-0.037500001	5.16921304	5.041203779	-0.128009261	0.090509261
395	-5.8	-77.1	4.566840346	4.690509329	0.123668983	5.137731558	4.740972293	-0.396759265	0.520428248
396	-5.8	-53.45	5.230484408	5.118198082	-0.112286326	5.126620447	4.774074145	-0.352546302	0.240259975
397	-5.8	-53.4	5.212072727	5.076246514	-0.135826213	5.225231559	5.12870378	-0.096527779	-0.039298434
398	-5.75	-76.4	5.223148226	5.205787115	-0.017361111	5.201851929	5.120370447	-0.081481483	0.064120371
399	-5.75	-53.65	5.252334183	5.245466899	-0.006867284	5.263426004	4.864351924	-0.39907408	0.392206796
400	-5.7	-76.25	5.159305632	5.199907485	0.040601852	5.220138967	5.205555633	-0.014583334	0.055185186
401	-5.7	-76.2	5.079475384	5.113734644	0.03425926	5.194444522	5.232870448	0.038425926	-0.004166667
402	-5.7	-74.4	4.880478468	4.854938344	-0.025540124	5.173379707	5.202777855	0.029398149	-0.054938272
403	-5.65	-53.7	5.230812835	5.209259337	-0.021553498	5.203009337	5.165972299	-0.037037038	0.015483539
404	-5.65	-53.65	5.233459674	5.215930212	-0.017529462	5.224768596	4.323379694	-0.901388902	0.883859441
405	-5.5	-50.8	5.088865817	4.84590285	-0.242962967	5.147916743	4.842129702	-0.305787042	0.062824075
406	-5.3	-74.1	4.904466304	4.86488297	-0.039583334	4.610185254	4.367824139	-0.242361115	0.202777781
407	-4.95	-51	5.134085725	5.177777855	0.04369213	5.020833408	4.747916737	-0.272916671	0.316608801
408	-4.85	-50.95	5.144984645	5.134413657	-0.010570988	4.990740815	4.908564888	-0.082175927	0.071604939
409	-4.8	-76.7	5.038734643	5.032716124	-0.006018519	5.148842669	5.142824151	-0.006018519	-9.76996E-15
410	-4.75	-50.95	5.193981559	5.046759334	-0.147222224	5.130787113	4.950231555	-0.180555558	0.033333334
411	-4.75	-50.9	5.183564892	5.066898224	-0.116666668	5.121527854	4.828240813	-0.293287041	0.176620373
412	-4.5	-50.9	5.204398226	5.070833409	-0.133564817	5.073842668	4.506250067	-0.567592601	0.434027784
413	-4.45	-50.95	5.169166744	4.94629637	-0.222870374	5.022916742	4.624768587	-0.398148154	0.17527778
414	-4.45	-50.9	5.16759267	4.81689822	-0.35069445	5.072453779	4.987731556	-0.084722223	-0.265972226
415	-4.4	-51	5.154699151	4.93129637	-0.223402781	5.127777854	5.081250076	-0.046527778	-0.176875003
416	-4.4	-50.95	5.141944521	4.951851926	-0.190092595	5.109490817	5.036111186	-0.073379631	-0.116712965
417	-4.35	-54.85	5.227121991	5.166898225	-0.060223766	5.074768594	4.514814882	-0.559953712	0.499729946
418	-4.35	-50.9	5.181250077	4.841435257	-0.33981482	5.022222297	4.585648216	-0.436574081	0.096759261
419	-4.3	-54.85	5.225057948	5.161169058	-0.06388889	5.183564892	4.979398222	-0.20416667	0.14027778

Leaf Area Index (m2/m2)

	Latitude	Longitude	Intact (2002)	Intact (2012)	Change in Intact	Deforested (2002)	Deforested (2012)	Change in Deforested	Difference in leaf area change
420	-4.2	-54.8	5.250578782	5.167361188	-0.083217594	4.737731552	4.463657474	-0.274074078	0.190856484
421	-4.2	-50.95	5.167438349	4.986728469	-0.180709879	5.065509335	4.267824138	-0.797685197	0.616975318
422	-4.15	-50.95	5.196527855	4.993750074	-0.202777781	5.049537112	4.183564877	-0.865972235	0.663194454
423	-4.15	-50.9	5.194907485	4.865972295	-0.32893519	5.168287114	4.000925986	-1.167361129	0.838425938
424	-4.1	-70.65	4.957696833	4.921961879	-0.035734954	5.171990818	5.140509336	-0.031481482	-0.004253472
425	-4.1	-54.1	5.160046373	5.043287112	-0.116759261	5.082870446	4.617592661	-0.465277785	0.348518524
426	-4.05	-54.65	5.156365818	5.128240817	-0.028125	4.943287111	5.067361187	0.124074076	-0.152199076
427	-4.05	-53.5	3.84722228	3.668981536	-0.178240743	4.950926	4.711111181	-0.239814818	0.061574075
428	-3.8	-51.5	5.079259335	4.947731555	-0.13152778	4.756713034	4.567129698	-0.189583336	0.058055556
429	-3.8	-51.45	5.072067977	4.872222295	-0.199845682	5.028009334	4.307638953	-0.720370381	0.520524699
430	-3.6	-57.6	5.184220756	5.036921371	-0.147299385	5.255324152	5.118287113	-0.137037039	-0.010262346
431	-3.3	-51	5.255092671	4.812500072	-0.442592599	5.250694523	4.744213034	-0.506481489	0.06388889
432	-3.3	-50.9	5.255092671	4.812500072	-0.442592599	5.21759267	4.528935253	-0.688657418	0.246064818
433	-3.25	-57.1	5.201220616	5.120580884	-0.080639732	5.073842668	4.964351926	-0.109490742	0.028851011
434	-3.2	-56.6	5.168209954	5.101427545	-0.066782408	4.456481548	4.390046362	-0.066435186	-0.000347222
435	-3.2	-51	5.190162114	4.828935257	-0.361226857	5.182638966	4.994444519	-0.188194447	-0.17303241
436	-3.15	-57.15	5.192515509	5.115393595	-0.077121915	4.207870433	4.015046356	-0.192824077	0.115702162
437	-2.85	-67.85	4.946203777	4.880648221	-0.065555557	5.274305634	5.102314891	-0.171990743	0.106435187
438	-2.65	-66.9	5.168518596	5.131397383	-0.037121213	5.20046304	5.018518593	-0.181944447	0.144823234
439	-2.5	-52.4	5.139219653	5.07705034	-0.062169313	5.087500076	5.000463037	-0.087037038	0.024867725
440	-2.3	-57.1	5.256580766	5.125066214	-0.131514552	5.229861189	5.121527854	-0.108333335	-0.023181217
441	-1.8	-65.7	4.862866585	4.839313344	-0.023553241	5.161574151	5.098379706	-0.063194445	0.039641204
442	-1.45	-54.9	4.685262415	4.676466119	-0.008796296	4.658564884	4.519675993	-0.138888891	0.130092595
443	-1.35	-53.5	5.043426001	5.071898224	0.028472223	5.092361187	5.055555631	-0.036805556	0.065277779
444	-1.3	-55.8	4.937268592	4.851388961	-0.085879631	5.032638964	4.820370442	-0.212268522	0.126388891
445	-1.3	-53.55	5.10995378	5.104629706	-0.005324074	4.91666674	4.464351918	-0.452314822	0.446990747
446	-1.25	-53.8	5.177893596	5.165567207	-0.012326389	4.64236118	4.557407475	-0.084953705	0.072627316
447	-1.25	-53.55	5.180709954	5.193827238	0.013117284	5.148842669	5.142361188	-0.006481482	0.019598766
448	-0.05	-75.45	5.026286083	4.969007276	-0.057278807	5.028009334	5.056481557	0.028472223	-0.08575103
449	-0.05	-67.15	5.083938822	5.031517169	-0.052421653	5.190277855	5.107407484	-0.082870372	0.030448718
450	0.7	-74.45	5.05694452	5.092013965	0.035069445	5.129861188	4.694444514	-0.435416673	0.470486118
451	0.85	-59.45	5.208333411	5.132176002	-0.076157409	4.845138961	4.650925995	-0.194212966	0.118055557
452	0.85	-51.4	5.126273225	4.884085721	-0.242187504	5.175000077	5.013657482	-0.161342595	-0.080844909
453	1	-59.6	5.129398225	5.111111187	-0.018287037	5.170370447	5.089351928	-0.08101852	0.062731482
454	1.2	-60.9	3.285416716	2.971759304	-0.313657412	4.286805619	4.170370433	-0.116435187	-0.197222225
455	1.2	-60.85	4.086188332	3.842862712	-0.243325621	2.243750033	1.997685215	-0.246064818	0.002739198
456	1.25	-60.85	4.424922905	4.195910556	-0.229012349	2.427777814	2.063657438	-0.364120376	0.135108027
457	1.25	-60.8	4.513310252	4.286284786	-0.227025466	2.203009292	1.803472249	-0.399537043	0.172511577
458	1.9	-60.6	5.047530939	4.874768591	-0.172762348	5.046759334	4.949768592	-0.096990742	-0.075771606
459	2.25	-60.5	4.663831088	4.659404005	-0.004427083	5.065972298	4.847916739	-0.218055559	0.213628475
460	3.25	-67.45	3.878168461	3.561472854	-0.316695607	4.554398216	4.182638951	-0.371759265	0.055063658
461	3.3	-51.35	4.013908239	4.020447591	0.006539352	2.668055595	3.124768565	0.45671297	-0.450173618
462	5.3	-67.8	4.918865814	4.859838035	-0.059027779	2.274305589	2.220601885	-0.053703705	-0.005324074
463	5.75	-66.3	4.209821491	4.084325458	-0.125496034	4.348148213	4.360879695	0.012731482	-0.138227515
464	6.35	-61.15	4.674850288	4.622698871	-0.052151417	4.810879701	4.679398218	-0.131481483	0.079330067
465	6.55	-62.7	4.680787107	4.623894102	-0.056893005	5.162500077	4.938888962	-0.223611114	0.166718109
466	6.75	-66.65	4.651554302	4.570568851	-0.080985451	1.856481509	1.694212988	-0.162268521	0.08128307