Table 1: Average Conditions Within the 90 Homogeneous Flux Ecoregions for IIIA

	Rand color	Sim color	Heat sum	Cold sum	Hot days	Cold days	Diurnal diff grow	Diurnal diff non-grow	Precip grow	Precip non-grow	Wet days grow	Wet days non-grow	Soil depth	Water table depth	Soil N	Organic matter	Soil avail water	CTI	Solar grow $\times 10^7$	Solar non-grow $\times 10^7$	EVI grow	EVI non-grow	FPAR grow	FPAR non-grow	LAI grow	LAI non-grow	% tree	% bare	GPP grow	GPP non-grow	RI grow	RI non-grow
2			19.55	84.90	0.47	249.43	17.77	17.67	24.42	279.30	11.79	101.99	121.9	5.62	3918	609	20.31	2.75	3.20	13.80	10.19	17.82	22.01	58.13	40.27	91.14	5.4	38.4	0.95	1.35	0.19	0.23
6			62.81	43.14	19.41	134.54	15.34	17.17	155.53	119.83	49.97	66.14	160.0	0.39	34966	19678	64.61	7.76	8.24	5.64	75.29	41.18	124.37	102.96	541.03	269.12	40.0	0.3	6.49	1.55	2.69	0.46
81			38.10	68.53	3.68	190.29	14.75	17.20	103.59	117.45	37.23	68.37	151.2	0.80	10830	15705	46.33	7.33	5.30	7.49	50.57	53.95	97.28	162.20	536.78	460.97	50.7	0.2	6.19	2.50	2.41	0.62
90			23.21	72.68	1.88	228.29	15.81	16.13	34.13	349.85	15.36	129.12	126.0	5.79	5168	590	30.18	3.11	3.61	10.50	18.16	41.35	46.41	102.79	161.85	225.39	39.1	9.5	2.05	2.38	0.70	0.52
55			21.52	72.68	0.85	241.85	16.58	17.50	30.22	191.90	16.02	89.33	133.1	5.78	3875	645	32.20	3.66	3.39	12.00	16.63	59.64	46.53	151.05	174.69	387.99	50.0	4.6	2.38	3.76	0.72	0.89
22			31.34	71.38	2.84	214.71	18.18	18.77	47.19	237.70	20.93	103.15	130.7	5.45	4904	797	34.95	3.98	4.40	10.80	28.47	44.19	62.15	167.23	271.66	426.84	31.9	8.2	2.96	2.56	1.10	0.61
49			35.88	66.33	4.19	217.20	19.99	20.53	32.79	173.22	16.95	76.37	124.9	5.87	5074	914	36.60	3.09	4.87	12.40	22.44	41.89	48.47	89.38	125.14	167.37	20.2	14.0	1.81	1.92	0.60	0.43
85			39.04	47.24	11.13	187.94	21.55	20.78	16.83	173.44	9.51	84.09	122.7	5.69	8084	539	61.78	4.54	4.68	10.70	20.13	64.20	56.97	168.65	192.99	446.62	27.6	6.6	2.39	4.12	0.85	0.97
66			26.75	55.84	5.47	209.82	13.17	15.57	37.48	227.93	17.31	106.50	132.7	5.50	4979	886	42.12	3.82	4.09	9.65	27.25	72.71	64.10	172.69	314.37	542.11	60.8	0.6	3.18	4.36	1.53	1.53
69			31.46	59.24	5.67	206.87	15.18	16.09	36.75	220.25	18.38	97.25	133.9	5.81	4529	658	32.85	3.14	4.33	7.78	23.95	52.87	64.56	129.52	254.73	325.20	52.4	4.4	2.99	3.08	1.12	0.77
79			61.38	64.69	9.80	192.92	29.52	27.44	29.51	96.43	18.06	58.08	119.4	5.88	4712	651	36.75	4.79	5.93	9.96	18.13	25.39	36.71	63.96	58.53	86.86	2.4	36.4	1.27	1.05	0.29	0.19
73			30.09	59.19	1.68	155.45	14.38	14.32	106.19	620.14	34.87	148.80	119.1	5.58	5828	699	31.83	2.52	6.20	7.67	30.47	22.02	71.41	77.83	250.04	175.70	37.0	12.9	3.30	1.05	1.01	0.30
47			36.55	58.51	4.71	186.13	14.44	16.64	82.78	215.07	32.42	96.81	136.1	4.44	5642	984	41.66	4.60	5.37	8.38	50.71	68.79	93.47	195.63	531.98	803.22	51.9	0.9	4.92	3.06	2.29	0.99
27			41.10	59.09	7.22	184.47	17.15	17.88	55.97	161.78	26.25	84.77	134.7	5.45	4954	861	38.16	4.16	5.60	8.47	37.19	54.43	75.77	104.71	276.47	227.56	44.7	4.4	3.41	1.83	1.22	0.48
59			70.37	47.80	26.78	182.18	33.43	29.77	15.85	81.48	11.00	54.93	98.0	5.79	4068	581	34.50	5.23	5.93	10.20	12.32	28.81	26.30	67.55	34.29	89.29	2.4	40.6	0.90	1.29	0.21	0.21
28			39.87	34.55	9.57	191.62	17.55	17.10	49.91	190.97	20.07	62.53	128.5	5.89	4347	592	41.77	3.72	5.92	11.90	30.29	73.55	80.88	197.24	355.88	668.40	42.5	1.2	2.79	4.96	1.89	1.82
57			30.84	50.25	1.54	126.52	13.49	13.40	239.43	1017.70	54.15	163.76	115.0	5.70	5217	734	31.57	2.53	6.91	6.40	39.29	27.34	85.20	79.17	328.65	221.42	45.2	14.6	4.41	1.10	1.48	0.44
31			37.69	65.82	3.64	186.47	13.60	17.04	105.50	121.59	38.00	68.64	137.1	3.66	7768	1389	42.48	6.57	5.48	7.36	54.87	52.92	101.50	157.28	591.71	444.03	54.9	0.3	6.63	2.47	2.62	0.61
35			39.07	53.98	8.85	179.51	14.36	16.23	58.85	176.31	27.67	92.26	145.5	5.62	4343	730	34.55	4.49	5.71	7.91	42.29	69.33	94.61	174.88	484.06	560.06	55.4	0.7	4.80	2.87	2.11	0.96
39			56.30	65.42	16.48	179.79	20.51	21.13	89.37	68.97	34.60	42.09	150.8	4.11	9382	1696	48.90	7.33	6.72	6.81	51.03	22.91	80.29	58.28	175.17	76.49	6.4	7.3	3.33	0.58	0.90	0.11
76			66.41	61.33	20.03	180.92	25.65	26.12	54.67	60.44	27.00	40.50	140.7	5.77	4734	711	41.42	5.54	6.63	7.30	30.26	24.00	55.24	56.48	95.01	71.55	2.5	29.5	2.17	0.64	0.46	0.13
63			69.55	51.75	31.14	169.38	27.06	27.79	30.17	67.21	18.57	48.47	139.9	4.48	4456	645	37.86	7.64	7.14	8.71	44.60	46.37	63.16	84.33	124.28	128.96	3.6	11.8	2.47	1.35	0.75	0.29
38			38.00	54.42	2.64	178.93	12.50	15.37	119.15	213.99	42.99	85.14	134.7	3.39	6366	945	43.34	4.83	5.69	6.91	67.37	71.27	108.70	165.62	667.40	585.80	69.9	0.0	6.21	2.92	2.94	0.93
80			59.87	32.44	13.87	181.51	22.53	21.45	70.03	86.33	31.36	41.50	118.6	5.95	4043	389	39.13	4.00	7.15	10.90	28.73	49.89	76.99	138.46	201.68	304.42	28.8	10.2	3.30	3.08	1.01	0.68
5			40.18	50.70	16.24	154.40	12.45	14.18	100.99	111.76	38.76	63.64	5.0	0.20	79	20	0.58	9.54	7.24	6.50	9.34	4.20	9.59	5.03	25.56	7.94	4.1	2.0	0.50	0.09	0.14	0.02
84			69.82	33.24	34.79	106.46	13.04	14.48	208.52	121.95	55.33	52.83	164.4	0.70	26849	9093	74.94	7.82	9.53	5.21	76.48	39.78	146.38	102.96	674.06	293.76	50.1	0.5	8.89	1.99	3.71	0.58
17			77.01	51.65	30.57	176.12	26.45	24.82	57.24	62.52	28.17	40.32	93.7	5.94	4546	666	46.22	5.30	7.18	7.44	27.59	27.16	53.34	58.97	83.96	74.42	2.3	29.6	2.12	0.72	0.42	0.15
68			38.74	40.52	2.86	108.64	13.12	16.10	136.67	531.54	45.51	132.97	123.0	5.53	8722	1051	49.37	3.10	7.69	5.74	54.40	55.50	121.58	123.40	554.18	359.01	67.7	0.2	6.45	2.28	2.64	0.96
43			42.09	46.46	3.54	161.24	12.36	18.58	127.69	190.30	45.97	99.22	138.6	3.67	5306	1129	47.29	5.07	6.04	6.67	72.18	57.44	114.89	140.12	710.76	438.89	63.3	0.1	6.82	2.81	2.95	0.76
71			89.24	35.42	25.63	169.21	32.22	30.86	58.52	51.21	29.03	32.02	125.7	5.94	4652	408	42.58	5.55	7.94	10.10	21.69	27.13	43.66	55.87	59.26	69.26	2.2	41.0	1.69	1.04	0.34	0.17
58			41.60	38.83	5.32	108.85	13.69	16.00	132.68	510.72	44.64	130.22	119.2	5.43	7420	1075	48.63	3.20	8.18	7.13	66.39	69.83	132.21	171.06	720.21	821.28	57.3	1.4	6.57	2.28	2.78	1.05
44			86.18	41.22	28.40	136.03	28.70	24.33	26.08	89.04	18.73	60.94	115.5	5.83	4818	602	49.09	4.83	7.66	6.76	25.17	34.14	51.11	67.87	83.40	97.98	5.4	26.2	1.83	0.94	0.39	0.20
72			85.73	7.97	45.51	64.44	14.62	12.77	233.94	141.23	61.57	45.06	182.6	0.67	6724	31604	77.33	8.08	10.90	4.72	99.43	43.88	171.39	104.19	839.22	301.25	42.1	0.1	9.23	2.11	4.41	0.64
34			77.14	33.68	26.45	165.47	24.63	23.11	42.14	70.95	21.08	37.60	73.5	5.98	4049	464	22.95	3.48	7.92	9.99	22.62	35.33	51.44	77.30	79.77	110.79	6.3	32.8	1.68	1.42	0.47	0.26
19			68.43	37.32	18.45	133.68	17.08	18.17	140.11	140.47	46.18	60.87	134.2	3.76	5024	972	46.61	6.53	7.97	5.84	62.61	38.83	0.01	0.01	0.06	0.04	19.5	4.4	0.00	0.00	0.00	0.00
89			68.25	43.96	22.96	147.63	21.12	20.74	143.89	95.87	44.14	43.62	154.8	4.23	8168	1642	74.82	6.42	8.26	5.90	66.97	23.34	100.95	56.34	243.37	71.72	3.4	2.3	4.29	0.55	1.37	0.11
7			64.57	36.43	15.33	132.65	17.01	19.22	141.62	141.01	47.97	66.24	155.4	1.98	6534	1331	59.59	7.00	8.04	5.47	71.01	35.81	108.45	80.13	276.67	127.82	7.3	1.5	4.52	0.85	1.49	0.23
9			58.07	30.36	21.91	127.93	16.50	15.12	51.56	378.57	14.14	76.90	104.8	5.85	3149	754	32.48	3.48	8.65	8.95	43.93	49.18	111.29	120.50	429.12	319.62	36.9	6.0	4.06	2.80	1.96	0.72
23			100.31	38.27	46.24	156.61	31.78	29.74	30.88	39.23	18.73	28.97	116.4	5.64	2862	269	26.03	6.17	8.50	8.95	14.33	18.09	22.60	31.51	25.15	34.68	0.0	87.9	0.76	0.53	0.16	0.08
20			75.43	23.90	13.96	58.49	20.12	18.19	93.82	234.47	45.02	93.39	142.1	3.57	6236	1548	58.29	7.25	9.35	4.61	66.28	57.05	87.99	75.66	199.47	160.77	24.1	1.9	3.48	0.91	0.77	0.34
62			91.97	36.74	50.88	151.85	25.09	26.30	90.33	55.51	33.62	28.09	154.8	5.76	5276	562	35.99	6.08	8.94	7.27	41.20	30.65	71.66	54.05	116.45	65.21	2.3	21.3	3.01	0.72	0.61	0.14
25			53.74	23.59	28.60	111.50	12.83	13.62	63.25	387.54	18.44	87.99	106.3	5.87	4363	907	41.38	3.37	8.22	6.86	52.87	64.87	126.91	145.18	639.71	481.75	59.7	0.1	5.55	4.51	3.46	1.85
77			84.22	35.34	44.64	132.69	21.37	21.64	115.71	86.84	37.08	39.54	141.3	4.96	5178	731	45.20	13.55	9.00	6.49	53.23	30.96	92.16	65.99	249.03	108.25	10.9	17.8	4.10	0.93	1.32	0.21
26			44.60	21.92	2.53	61.64	13.70	14.36	220.16	633.68	61.97	129.78	122.9	5.31	8537	1956	62.68	4.29	8.59	4.78	89.40	76.45	160.12	146.17	905.39	664.75	66.3	0.0	9.20	2.88	3.47	1.73
3			52.83	34.75	9.76	140.92	13.02	15.66	149.48	188.40	48.08	67.05	136.9	3.51	6067	1006	38.11	5.17	7.33	5.76	83.24	49.50	140.27	131.78	868.29	384.83	65.3	0.0	7.97	2.42	3.62	0.61
70			49.97	22.14	10.71	75.24	12.60	14.88	116.87	373.68	42.17	110.27	121.5	5.62	6978	1224	57.00	3.84	9.11	5.92	79.60	78.48	151.48	156.40	829.59	718.84	66.0	0.0	7.86	3.18	3.68	1.77
53			44.14	22.76	3.88	63.11	12.63	14.56	218.36	604.76	60.69	126.41	117.8	5.44	8059	1588	57.53	3.73	8.50	4.27	78.63	63.75	151.84	115.17	746.39	380.21	70.7	0.0	9.04	2.82	3.60	1.81
46			68.17	29.22	24.76	117.87	15.13	17.43	165.71	154.75	49.27	57.06	151.5	4.95	4823	833	57.85	6.00	8.63	5.54	84.32	50.01	124.62	97.83	356.56	177.70	10.6	0.5	5.38	1.20	2.01	0.35
48			49.46	22.98	6.48	66.52	13.46	14.03	298.23	806.13	64.46	127.90	107.8	5.78	5978	1012	46.46	3.05	8.98	4.54	67.34	55.91	143.50	113.28	638.69	386.78	67.5	0.0	8.67	2.62	3.29	1.38
61			51.05	19.85	13.11	75.79	11.77	13.58	101.16	323.89	37.22	100.58	118.0	5.68	6270	1119	53.64	3.73	8.98	5.29	70.21	64.20	145.89	125.12	717.36	415.27	69.1	0.0	7.88	3.30	3.81	1.87
52			38.10	16.66	1.07	41.55	10.03	15.05	150.03	244.11	64.97	84.93	22.1	0.92	957	212	7.32	2.10	9.64	3.25	27.93	15.22	49.93	22.70	133.14	45.03	19.5	2.2	2.86	0.42	0.64	0.17
88			57.96	23.72	6.60	55.32	15.43	16.85	125.60	272.38	54.80	99.63	121.6	4.23	6508	1453	53.59	5.18	9.29	4.19	83.71	56.36	168.65	125.09	878.90	427.98	51.2	0.2	8.50	1.95	2.96	0.89
50			63.67	32.63	25.95	122.41	13.93	16.58	163.92	149.74	48.32	58.71	153.7	4.00	5284	974	53.19	6.29	8.44	5.68	86.64	46.96	152.29	128.08	934.04	379.46	40.0	0.1	5.93	1.28	4.32	0.61
13			69.43	27.20	31.24	111.93	14.05	16.67	176.28	145.54	49.63	52.55	152.0	4.29	4890	845	59.16	6.12	9.07	5.42	87.20	43.25	136.40	92.16	440.41	170.28	52.6	0.1	5.88	1.12	2.46	0.33
11			73.59	17.42	33.67	93.38	15.48	14.40	61.49	268.77	16.71	55.49	103.5	5.96	3813	799	41.26	3.53	10.50	7.53	59.57	58.59	150.24	146.35	706.86	531.14	41.6	1.1	4.56	3.87	3.52	1.24
64			51.03	18.85	5.44	48.97	13.18	14.16	169.68	363.06	59.67	103.52	119.5	5.29	8366	1643	63.73	4.28	9.57	4.10	92.66	60.07	175.17	113.93	959.13	407.55	68.4	0.0	9.50	2.36	3.87	1.49
29			68.06	25.65	27.12	112.24	14.62	17.29	168.46	173.40	48.97	60.03	148.7	4.68	4258	747	54.23	5.68	8.67	5.73	88.23	61.76	155.11	144.76	974.06	561.35	15.0	0.2	8.74	2.80	3.96	0.83
54			57.71	16.79	18.26	111.40	11.35	15.38	173.19	192.05	53.81	66.85	122.9	5.56	4680	670	53.53	4.79	8.31	5.94	93.11	49.63	150.13	123.22	925.96	356.81	71.4	0.0	8.91	3.03	4.24	0.73
30			72.06	11.63	42.39	74.56	8.69	11.84	210.61	144.07	54.94	42.76	28.4	0.78	934	204	8.47	5.12	10.80	4.41	14.08	4.14	12.15	3.76	23.81	5.79	7.9	3.5	0.70	0.09	0.15	0.02
56			108.96	21.06	76.19	102.41	21.39	20.58	148.88	59.99	39.39	23.38	157.8	5.78	7724	882	64.11	6.27	10.90	5.76	55.11	37.11	98.40	61.67	170.86	85.53	5.0	15.1	4.27	0.82	0.96	0.18
74			131.18	15.07	66.12	97.62	28.50	26.54	78.75	32.76	31.28	18.19	61.6	5.95	3943	368	24.24	4.95	11.40	7.42	28.13	21.28	54.34	40.58	72.03	50.12	1.4	52.8	2.00	0.80	0.46	0.13
86			88.49	20.05	53.58	89.08	15.96	16.65	209.65	132.30	50.57	38.48	159.8	2.45	6120	883	65.70	6.83	10.60	4.86	84.81	36.99	136.32	75.16	339.68	124.67	10.8	1.2	6.00	0.89	2.01	0.24

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	Rand color	Sim color	Heat sum	Cold sum	Hot days	Cold days	Diurnal diff grow	Diurnal diff non-grow	Precip grow	Precip non-grow	Wet days grow	Wet days non-grow	Soil depth	Water table depth	Soil N	Organic matter	Soil avail water	CTI	Solar grow $\times 10^7$	Solar non-grow $\times 10^7$	EVI grow	EVI non-grow	FPAR grow	FPAR non-grow	LAI grow	LAI non-grow	% tree	% bare	GPP grow	GPP non-grow	RI grow	RI non-grow
87			91.34	6.93	47.81	49.20	11.16	10.95	274.03	118.30	65.93	35.50	178.7	0.31	7581	12793	32.82	8.25	12.30	3.88	74.54	22.43	144.90	52.40	559.99	123.14	42.9	3.0	8.49	1.25	3.30	0.32
82			93.68	13.19	67.54	63.49	14.82	15.70	214.35	136.75	52.82	36.53	136.0	3.95	4139	608	46.01	7.11	11.70	4.43	83.82	29.56	0.02	0.01	0.08	0.02	22.4	2.8	0.00	0.00	0.00	0.00
41			138.44	15.79	81.00	94.63	28.53	27.21	94.88	26.87	32.05	15.27	173.6	5.93	4364	515	44.50	6.27	11.90	6.76	33.31	20.98	57.38	34.08	72.71	38.91	0.8	46.1	2.30	0.59	0.44	0.10
75			71.68	18.97	33.54	97.77	13.80	15.82	185.72	174.88	52.33	55.17	148.1	4.73	3991	657	53.57	6.07	9.30	5.40	90.17	47.44	166.18	120.02	992.58	356.98	26.8	0.3	9.60	2.70	4.53	0.66
51			62.80	15.18	11.16	42.12	14.26	14.85	174.29	321.86	53.38	84.05	126.2	5.14	6568	1539	59.08	4.62	11.00	4.33	101.47	61.69	190.09	119.68	1082.70	541.68	57.4	0.0	13.20	2.77	3.35	1.09
24			131.51	0.16	97.41	3.98	12.62	10.79	364.39	29.51	97.35	8.16	167.3	0.11	33699	18165	149.69	8.31	17.00	1.40	130.87	10.95	228.07	24.09	876.80	67.49	44.9	0.6	12.68	0.70	6.01	0.23
4			82.61	10.90	57.19	69.89	12.92	14.57	224.29	176.40	55.25	44.98	157.8	4.45	4103	635	54.06	6.04	10.90	4.79	104.65	43.09	154.94	101.84	592.25	244.23	49.4	0.1	8.82	1.83	4.38	0.54
32			158.01	11.92	87.68	52.84	27.57	22.60	27.50	29.79	12.49	12.70	106.6	5.91	2435	168	18.71	4.34	14.20	5.37	23.68	13.62	44.07	22.98	50.51	26.13	0.1	79.9	1.01	0.40	0.35	0.07
83			127.88	7.69	37.64	39.70	21.95	17.00	57.81	82.38	18.86	20.81	86.2	5.76	4184	434	28.83	4.06	14.70	4.68	56.54	24.78	130.50	54.69	265.92	104.78	14.7	17.2	4.15	1.21	1.42	0.27
37			118.08	8.71	90.75	64.55	18.05	17.85	171.83	64.74	40.04	21.48	78.9	5.76	5810	902	38.57	5.62	12.40	4.89	70.81	31.50	131.15	59.85	298.19	93.47	13.5	10.7	5.88	0.99	1.73	0.22
8			78.30	12.59	55.68	79.55	12.43	15.14	208.10	177.43	49.75	42.85	157.7	4.65	3811	537	54.57	5.86	10.60	5.06	99.43	40.17	180.60	102.80	1063.00	272.91	57.4	0.0	10.40	2.33	5.31	0.52
33			119.90	7.20	70.73	37.66	20.19	14.43	74.67	141.30	22.91	35.18	88.7	5.85	3940	456	37.22	4.53	13.60	4.19	69.42	36.55	168.59	84.94	476.65	221.21	23.3	5.6	6.48	1.58	1.78	0.44
65			84.90	1.81	59.47	13.92	7.95	7.45	87.14	42.80	29.78	12.45	16.7	0.78	556	64	3.45	4.46	16.40	2.01	14.75	3.16	22.75	4.25	39.42	7.60	3.4	10.0	1.13	0.10	0.18	0.02
42			168.35	6.63	84.18	35.16	29.11	19.50	40.98	60.03	17.38	20.61	112.0	5.86	3771	325	40.29	5.24	14.70	4.00	45.66	30.41	94.10	54.49	155.19	122.55	4.3	19.9	3.42	1.00	0.71	0.28
67			101.70	4.99	74.98	44.46	15.41	14.16	250.20	144.78	61.89	35.73	182.0	3.52	4316	616	40.21	6.85	12.30	4.19	97.97	35.42	163.32	73.23	429.12	144.71	29.8	0.9	6.97	1.15	2.62	0.34
60			165.33	0.78	38.07	5.15	22.19	14.16	96.56	31.03	31.25	8.00	113.2	4.63	3239	485	42.66	5.94	17.50	1.26	60.51	7.71	2.88	0.17	3.77	0.34	4.8	23.6	0.11	0.00	0.02	0.00
36			110.66	2.36	19.67	12.97	17.75	12.32	99.61	85.38	30.86	20.10	94.8	5.66	5213	615	36.69	3.90	15.60	2.53	86.68	23.32	199.44	51.77	584.25	141.58	29.9	4.7	9.86	1.21	2.17	0.35
12			72.54	6.68	14.21	19.80	13.33	12.15	261.43	267.27	59.31	48.77	120.8	5.56	5108	1069	54.23	3.72	13.50	2.84	111.90	38.51	229.68	74.24	1152.00	289.63	64.6	0.1	11.50	1.79	5.00	0.97
16			109.41	0.02	74.96	7.89	6.63	3.91	355.66	57.73	83.67	14.02	33.3	0.20	2298	637	11.07	3.90	16.20	1.72	7.55	1.15	2.94	0.43	4.31	0.61	6.3	5.7	0.17	0.01	0.03	0.00
21			147.13	5.74	106.84	23.10	22.73	16.43	41.27	42.37	19.50	17.89	155.2	5.40	4349	394	44.77	8.22	16.00	2.83	87.83	23.69	141.11	39.89	272.16	76.67	5.1	8.4	5.11	0.56	1.35	0.16
78			89.72	5.77	74.15	51.57	12.61	13.43	241.53	175.02	56.35	38.49	170.2	4.38	3788	501	55.20	6.27	11.90	4.40	104.47	39.15	204.32	103.71	1143.50	309.46	54.1	0.0	11.42	2.61	7.00	0.74
1			134.39	0.17	84.82	6.35	12.69	9.67	369.91	44.57	91.04	11.52	121.9	1.44	5934	1533	32.94	8.15	16.60	1.45	99.37	10.05	0.01	0.00	0.02	0.00	21.5	4.1	0.00	0.00	0.00	0.00
15			178.74	3.84	139.90	31.67	26.45	20.90	84.02	25.64	31.12	12.69	133.0	5.94	3287	322	31.77	5.94	15.00	3.91	44.77	14.74	80.96	26.83	110.70	34.54	2.2	37.9	2.39	0.56	0.74	0.10
14			130.38	3.34	107.83	30.17	17.37	16.73	212.99	61.29	48.32	19.92	179.6	5.18	5029	600	48.72	6.60	14.00	3.30	95.33	26.39	157.85	46.33	332.08	73.88	14.8	5.1	6.41	0.75	2.01	0.19
18			206.02	3.19	155.75	16.46	27.10	19.81	29.07	9.83	14.31	5.52	125.5	5.84	2209	125	17.06	5.59	17.40	2.55	25.50	5.72	36.66	7.34	40.19	7.93	0.0	93.2	0.75	0.12	0.30	0.02
10			98.66	2.87	82.14	33.49	12.57	12.47	290.55	133.40	67.52	31.61	180.3	2.39	4821	895	45.96	7.21	13.10	3.74	109.77	37.26	220.48	92.39	1190.10	323.85	60.0	0.0	13.10	2.65	7.70	1.01
40			105.75	2.46	72.93	26.87	11.81	10.95	318.47	100.64	76.37	25.74	144.3	1.54	4464	1100	34.68	7.41	14.10	3.02	102.72	27.71	219.43	68.34	1039.00	233.01	50.3	0.5	15.75	2.23	6.07	0.68
45			146.67	0.14	105.82	2.52	16.71	13.59	370.36	23.73	96.95	6.73	158.5	1.52	3905	953	29.41	8.15	17.30	1.27	124.98	9.64	215.61	19.54	522.28	39.78	23.0	1.9	9.13	0.43	3.30	0.14