

APPENDIX B.1

Twenty Percent Best and Worst Visibility Days 2001 – 2004: Okefenokee and Cohutta

Okefenokee – 20% Best Visibility Days

Okefenokee - 20% Best Days

site	year	date	ss_rayleigh	EAmm_SO4	EAmm_NO3	EOMC	ELAC	ESoil	ECM	ESea_Salt	RBext	TBext	Group
OKEF1	2000	1/5	11	28	1.93693083	7.2937785	2.568	0.595	4.63524	0	45.1019	56.1	10
OKEF1		1/12	11	23	3.88557769	11.3921937	4.276	1.635	8.40378	0	53.0057	64.01	10
OKEF1		1/15	11	17	4.8814173	12.0550104	5.916	0.252	3.7434	1.7612932	45.6848	56.68	10
OKEF1		2/26	11	11	4.75056014	5.11158032	2.58	0.197	3.33696	1.8224748	28.7608	39.76	10
OKEF1		4/5	11	22	1.57862099	4.99004053	2.411	0.72	3.26724	0	35.08	46.08	10
OKEF1		4/15	11	13	1.78678126	5.33836785	2.991	0.099	0.45078	0	23.8165	34.82	10
OKEF1		6/10	11	26	6.1108681	5.95789568	1.427	0.491	4.92168	0	45.0917	56.09	10
OKEF1		6/17	11	26	8.40347032	8.89127447	0.848	0.735	3.4134	0	48.1503	59.15	10
OKEF1		6/28	11	20	4.90284987	8.92194219	1.777	0.447	3.78372	0	39.6147	50.61	10
OKEF1		8/2	11	30	4.70520791	10.9701633	1.894	0.809	3.55446	0	51.9468	62.95	10
OKEF1		9/24	11	35	3.64956028	8.04111122	2.678	0.346	2.83452	0	52.0664	63.07	10
OKEF1		10/3	11	26	5.94501171	6.13744691	3.229	0.175	1.79556	0	43.5298	54.53	10
OKEF1		10/9	11	28	6.35887016	4.34114675	2.98	0.227	1.43568	0	43.7986	54.8	10
OKEF1		11/11	11	26	5.60554354	13.9147911	4.486	0.408	2.43324	0	52.3609	63.36	10
OKEF1		11/14	11	29	4.6965579	13.4917287	4.222	0.326	1.27152	0	52.5935	63.59	10
OKEF1		11/20	11	33	7.13539557	4.80436759	2.424	0.185	0.59454	0	48.2439	59.24	10
OKEF1		11/23	11	19	4.27250378	8.43331459	3.952	0.267	1.51806	0	37.7066	48.71	10
OKEF1		11/26	11	30	4.27250378	7.45676001	2.164	0.173	1.8252	0	45.5785	56.58	10
OKEF1		12/17	11	15	3.97819699	4.55444979	0.857	0.296	2.46108	2.5214369	30.1333	41.13	10
OKEF1		12/26	11	29	9.49539044	8.38720691	3.046	0.247	3.49374	0	53.7402	64.74	10
OKEF1	2001	1/1	11	16	2.34128545	4.28700977	2.116	0.167	0.34896	0	25.1579	36.16	10
OKEF1		1/7	11	11	4.11548148	10.9038065	4.78	0.243	1.3047	0	32.5141	43.51	10
OKEF1		1/31	11	12	2.01194665	4.61675242	2.963	0.132	0.97206	0	22.2531	33.25	10
OKEF1		3/14	11	18	1.35334878	6.8633776	3.725	0.284	1.23414	0	31.2009	42.2	10
OKEF1		3/20	11	27	2.67360213	2.76143891	0.961	0.125	0.91962	0	34.2017	45.2	10
OKEF1		4/1	11	29	1.08030067	6.57832044	2.102	0.823	3.2805	0	43.2598	54.26	10
OKEF1		5/1	11	22	5.43343801	3.13871952	1.077	1.065	6.40968	4.3854451	43.1249	54.12	10
OKEF1		6/30	11	20	3.97151772	12.4970047	1.758	0.95	4.3095	0	43.5327	54.53	10

Okefenokee - 20% Best Days

site	year	date	ss_rayleigh	EAmm_SO4	EAmm_NO3	EOMC	ELAC	ESoil	ECM	ESea_Salt	RBext	TBext	Group
OKEF1	2001	7/27	11	18	4.62118407	13.3270071	2.023	0.71	3.10386	0	41.8664	52.87	10
OKEF1		8/2	11	14	4.14974013	8.59047259	0	2.88	3.8553	0	33.0781	44.08	10
OKEF1		8/8	11	20	4.467607	13.2367855	0.824	1.678	3.26724	0	42.9774	53.98	10
OKEF1		9/10	11	23	4.76319167	9.95486778	2.879	0.257	1.18008	0	41.5436	52.54	10
OKEF1		10/10	11	16	5.29253168	3.7969009	0.615	0.093	3.27756	7.4452554	36.3419	47.34	10
OKEF1		10/13	11	10	4.50721415	5.85552276	2.135	0.156	1.6884	4.3435794	28.2479	39.25	10
OKEF1		10/22	11	12	3.46615456	5.61800227	1.199	0.083	0	0	22.6047	33.6	10
OKEF1		11/3	11	15	6.09752295	5.81367193	1.294	0.14	2.61942	8.3792837	39.501	50.5	10
OKEF1		11/15	11	26	5.83236815	7.14806764	2.283	0.432	2.076	0	43.382	54.38	10
OKEF1		11/27	11	15	4.98874999	7.3245253	3.497	0.633	4.7757	0	36.2481	47.25	10
OKEF1		12/6	11	15	6.20701339	5.61127445	1.784	0.177	3.59562	1.2670784	33.3347	44.33	10
OKEF1		12/18	11	15	2.03787216	4.58766319	1.012	0.137	1.17882	0	23.6638	34.66	10
OKEF1		12/21	11	10	2.74299295	9.80412088	4.878	0.289	1.52898	0	29.6934	40.69	10
OKEF1		12/24	11	15	1.72322272	4.39124504	1.372	0.172	0.93768	0	23.8453	34.85	10
OKEF1		12/27	11	19	6.23643062	8.55145679	3.803	0.193	1.03506	0	38.713	49.71	10
OKEF1	2002	1/11	11	24	4.12212984	5.96160143	2.418	0.038	0.86358	0	36.9644	47.96	10
OKEF1		1/20	11	22	3.52196653	8.88194531	2.75	0.161	1.03812	0	38.6227	49.62	10
OKEF1		2/7	11	15	1.77918401	4.71489472	2.013	0.118	0.87996	0	24.0257	35.03	10
OKEF1		2/28	11	19	8.06861719	7.25537965	2.936	0.321	1.31844	0	38.7357	49.74	10
OKEF1		3/3	11	16	2.77829728	5.61249759	1.56	0.166	0.8847	0	27.2162	38.22	10
OKEF1		4/14	11	17	4.80136267	6.40283208	1.682	0.315	1.8537	0	31.9768	42.98	10
OKEF1		6/19	11	20	4.90138737	6.54692176	2.114	0.769	2.14128	0	36.756	47.76	10
OKEF1		6/22	11	8	3.0683564	4.3605875	1.406	0.507	2.09766	0.1864437	20.1094	31.11	10
OKEF1		6/25	11	22	4.65580893	9.16675667	1.953	0.907	2.21598	0	41.0867	52.09	10
OKEF1		6/28	11	17	3.80110386	11.6326568	1.723	1.773	3.93162	0	39.6825	50.68	10
OKEF1		7/10	11	14	5.29344291	11.5795072	2.761	0.332	3.21036	0	37.5575	48.56	10
OKEF1		8/27	11	26	3.58697644	6.91088821	2.227	0.208	1.72446	0	41.1026	52.1	10
OKEF1		8/30	11	21	2.58539565	5.57215641	1.4	0.183	2.4684	0	33.3726	44.37	10
OKEF1		9/14	11	17	4.86826638	7.41434415	1.49	0.695	3.12096	0.7679437	35.5101	46.51	10
OKEF1		9/23	11	24	4.25742287	7.87698	2.304	0.378	3.24204	0	41.6974	52.7	10
OKEF1		10/2	11	18	4.26611717	7.47348208	1.383	0.184	3.13662	2.0720729	36.9471	47.95	10
OKEF1		10/11	11	18	2.5660745	8.05090235	1.667	0.032	1.84116	0	32.3349	43.33	10

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site	year	date	ss_rayleigh	EAmn_SO4	EAmn_NO3	EOMC	ELAC	ESoil	ECM	ESea_Salt	RBext	TBext	Group
OKEF1	2002	12/1	11	19	4.58932046	7.45933217	3.38	0.419	1.80852	1.2163316	37.9516	48.95	10
OKEF1		12/10	11	26	1.8743083	5.04714599	3.011	0.144	0.22272	0	36.1028	47.1	10
OKEF1		12/13	11	22	7.28670824	5.3596114	1.597	0.198	2.08926	0	38.2616	49.26	10
OKEF1		12/22	11	14	3.23321343	7.91079275	4.856	0.182	1.5669	1.7542735	33.2267	44.23	10
OKEF1		12/25	11	21	2.46453254	3.93499913	1.437	0.157	1.41954	0	30.4984	41.5	10
OKEF1	2003	2/5	11	14	1.86446874	7.24706497	4.547	0.264	0.95406	0	28.7754	39.78	10
OKEF1		2/11	11	24	1.16897035	5.52881107	2.58	0.169	0.40068	0	33.926	44.93	10
OKEF1		2/17	11	16	2.384263	4.86055987	1.536	0.021	0.9834	0	25.3228	36.32	10
OKEF1		2/23	11	14	1.82482429	2.28420256	0.706	0.124	0.81486	0	19.9492	30.95	10
OKEF1		3/4	11	19	1.85040859	3.12455568	1.863	0.139	0.2907	0	26.2953	37.3	10
OKEF1		3/7	11	10	1.82466582	4.51298019	1.444	0.32	1.11762	0.0099306	18.8364	29.84	10
OKEF1		4/9	11	7	0.98710034	4.16904708	1.563	0.122	0.7542	0	14.149	25.15	10
OKEF1		6/8	11	25	2.29437142	6.96798033	1.071	0.266	2.53878	0	38.2002	49.2	10
OKEF1		6/20	11	6	1.47811908	7.46383385	0.754	0.196	1.97274	0	17.3799	28.38	10
OKEF1		7/23	11	19	2.88062493	6.18651498	0.858	2.016	4.27488	0	35.1475	46.15	10
OKEF1		7/26	11	19	3.25505238	6.52244934	1.014	1.245	2.57862	0	33.7406	44.74	10
OKEF1		8/1	11	14	0.92234341	6.97051977	1.06	0.286	3.05988	0	25.927	36.93	10
OKEF1		8/4	11	21	1.30680771	7.74396139	1.207	0.386	4.05324	0	35.5974	46.6	10
OKEF1		8/7	11	20	1.68053881	5.68412597	1.306	0.353	3.2562	0	32.126	43.13	10
OKEF1		8/16	11	23	3.88828927	5.95974851	1.258	0.699	2.42154	0	37.2026	48.2	10
OKEF1		8/19	11	18	1.92955555	8.3654886	1.785	0.456	2.20014	0.0088716	32.9076	43.91	10
OKEF1		8/22	11	18	2.98551191	7.39957381	2.039	0.439	3.34092	0.0081785	34.6473	45.65	10
OKEF1		9/3	11	18	2.91286601	7.27329432	3.22	0.232	2.74782	0	33.9006	44.9	10
OKEF1		9/27	11	6	1.35700882	7.47862878	1.212	0.039	1.21482	0.205016	18.0018	29	10
OKEF1		11/5	11	24	4.12819253	5.35414752	1.975	0.159	1.32948	0	37.2547	48.25	10
OKEF1		11/14	11	13	2.70515863	8.86862157	2.601	0.271	2.47344	0.8486176	30.2956	41.3	10
OKEF1		11/20	11	13	0.94872298	5.80321694	1.569	0.22	0.9117	0	22.8537	33.85	10
OKEF1		11/29	11	13	1.32623795	4.85517567	1.406	0.151	0.51552	0	21.3022	32.3	10
OKEF1		12/20	11	12	3.10330348	4.22709413	2.329	0.187	0.68382	0	22.5996	33.6	10
OKEF1	2004	1/7	11	22	3.87893681	12.6025275	4.13	0.325	0.96534	0.7380292	44.4258	55.43	10
OKEF1		1/28	11	28	5.53230179	5.31471189	1.971	0.237	0.5577	0.7341919	42.4076	53.41	10
OKEF1		2/3	11	34	1.65913381	4.7810815	2.861	0.211	0.65454	0.4903466	44.2904	55.29	10

Okefenokee - 20% Best Days

site	year	date	ss_rayleigh	EAmm_SO4	EAmm_NO3	EOMC	ELAC	ESoil	ECM	ESea Salt	RBext	TBext	Group
OKEF1	2004	2/6	11	18	5.14161522	4.03692832	1.307	0.115	2.62056	5.7808663	36.8024	47.8	10
OKEF1		2/15	11	27	4.8787838	4.20480105	1.353	0.217	1.43892	1.7868564	40.966	51.97	10
OKEF1		3/7	11	14	1.8602163	8.59907429	2.535	1.234	2.95248	0.5013167	31.6683	42.67	10
OKEF1		3/25	11	21	4.57453983	3.87632044	1.633	0.497	2.71206	4.1983781	38.1602	49.16	10
OKEF1		3/31	11	21	1.92765834	11.0975586	3.04	0.357	1.07232	0.5276389	38.6821	49.68	10
OKEF1		6/2	11	26	3.03787256	8.05024953	1.488	0.748	1.37688	0.4850008	40.8711	51.87	10
OKEF1		7/8	11	22	1.29186558	5.68719027	0.876	0.243	2.154	0.6236892	33.3066	44.31	10
OKEF1		8/13	11	15	1.72889816	4.9822336	1.069	0.831	2.49558	0.7027933	26.4233	37.42	10
OKEF1		8/22	11	21	3.99024925	3.89199614	0.521	2.053	3.1701	4.6090485	38.9561	49.96	10
OKEF1		8/31	11	19	2.32996758	4.61734635	0.993	2.673	2.56002	0.8303218	32.9238	43.92	10
OKEF1		9/15	11	18	3.97075265	2.5074078	0.559	0.215	2.92734	7.9469699	35.8531	46.85	10
OKEF1		10/9	11	25	3.78748052	5.62534319	1.249	0.124	1.4427	3.896194	40.7985	51.8	10
OKEF1		10/12	11	24	5.1518487	8.54484764	3.086	0.317	2.80218	0.7840638	44.4361	55.44	10
OKEF1		10/15	11	27	1.13836529	6.95147815	1.823	0.269	1.26144	0.9851058	39.1388	50.14	10
OKEF1		11/2	11	19	4.88860253	5.75897127	2.343	0.242	2.4699	1.1015082	35.5443	46.54	10
OKEF1		11/5	11	30	1.56453061	7.425265	1.9	0.327	0.78006	0.2828725	42.439	53.44	10
OKEF1		11/26	11	15	2.66230678	3.98271947	2.522	0.104	1.08174	0.640048	26.008	37.01	10
OKEF1		12/2	11	23	3.50294886	6.80012368	4.527	0.252	1.40754	0.4438683	40.2273	51.23	10
OKEF1		12/20	11	22	6.03058934	2.98948669	1.784	0.234	1.61748	0.1762223	34.374	45.37	10
OKEF1		12/26	11	13	2.28551021	3.37081781	2.608	0.116	0.25494	3.2886004	24.8256	35.83	10

Okefenokee – 20% Worst Visibility Days

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site	year	date	Rayleigh	Amm SO4	Amm NO3	POM	LAC	Soil	CM	Sea Salt	RBext	TBext	Group
OKEF1	2000	2/9	11	68.5775861	10.128563	48.91988	14.94	0.4152516	7.6494	0	150.6	161.6	90
OKEF1		4/1	11	103.488699	10.3965461	13.15624	4.148	0.3669494	8.37504	5.23604	145.2	156.2	90
OKEF1		4/26	11	77.1444076	4.31273078	268.5346	49.32	0.5403631	13.5731	0	413.4	424.4	90
OKEF1		4/29	11	89.2098209	1.86754059	35.98775	6.141	0.7196415	5.26476	0	139.2	150.2	90
OKEF1		5/3	11	84.3803648	4.90449908	11.6206	4.822	1.1899247	7.76442	0	114.7	125.7	90
OKEF1		5/6	11	47.7178152	6.07235118	97.83493	10.61	0.7169912	6.19086	0	169.1	180.1	90
OKEF1		6/3	11	94.4168332	4.65726999	39.50826	7.613	0.9860656	5.00382	0	152.2	163.2	90
OKEF1		6/7	11	105.769547	7.39707922	11.61493	4.09	0.4135883	3.43992	0	132.7	143.7	90
OKEF1		7/1	11	143.985533	3.05909354	17.3398	5.562	0.3054504	2.63106	0	172.9	183.9	90
OKEF1		7/5	11	100.953233	4.40114745	26.3093	4.187	1.143968	5.36202	0	142.4	153.4	90
OKEF1		7/8	11	118.64936	8.43378488	12.29743	3.291	1.2355933	4.76688	0	148.7	159.7	90
OKEF1		7/15	11	100.785793	8.21663681	20.95729	3.654	0.7558187	2.22546	0	136.6	147.6	90
OKEF1		7/19	11	157.401212	10.7358288	55.57725	7.875	1.3064631	4.08102	0	237	248	90
OKEF1		8/16	11	127.972067	2.84110493	22.28264	6.391	0.7530831	3.483	0	163.7	174.7	90
OKEF1		8/19	11	172.758598	2.97836095	23.61242	5.096	1.1670229	3.69696	0	209.3	220.3	90
OKEF1		10/15	11	88.6330015	2.15901371	21.95352	5.875	0.5774321	2.25678	0	121.5	132.5	90
OKEF1		10/18	11	114.311577	2.7469175	39.2549	7.662	1.215776	8.00232	0	173.2	184.2	90
OKEF1		10/30	11	88.7078382	5.43752481	10.48141	3.49	0.5240818	3.36648	0	112	123	90
OKEF1		11/5	11	137.825189	4.36831537	62.87599	7.967	0.609815	2.00652	0	215.7	226.7	90
OKEF1		11/8	11	82.9923116	6.84850053	15.74953	5.746	0.7888674	5.661	0	117.8	128.8	90
OKEF1		12/11	11	181.80607	8.44924694	14.42003	6.668	0.3756461	0.91914	0	212.6	223.6	90
OKEF1	2001	2/12	11	59.4815243	14.3567579	13.20821	4.034	0.3074652	7.3161	7.49767	106.2	117.2	90
OKEF1		5/13	11	74.3458747	2.72866996	13.31453	3.697	1.3340033	2.0736	0	97.49	108.5	90
OKEF1		5/16	11	85.4013275	2.72621875	23.23967	4.436	2.1708516	3.92202	0	121.9	132.9	90
OKEF1		5/22	11	42.2191729	3.9904145	38.98338	5.115	1.9392268	6.73176	0	98.98	110	90
OKEF1		5/25	11	79.912021	5.37749472	110.143	8.147	1.3037316	8.79978	0	213.7	224.7	90
OKEF1		5/31	11	83.7998714	2.91996433	105.6493	7.126	0.7221193	3.86328	0	204.1	215.1	90
OKEF1		6/3	11	42.2905675	8.89181041	43.90694	1.833	1.3646604	3.1086	0	101.4	112.4	90
OKEF1		6/6	11	37.6093789	3.74432535	50.45045	3.956	0.7562638	2.12772	0	98.64	109.6	90

Okefenokee - 20% Worst Days

site	year	date	Rayleigh	Amm SO4	Amm NO3	POM	LAC	Soil	CM	Sea Salt	RBext	TBext	Group
OKEF1	2001	6/9	11	30.6990888	5.8875915	141.0293	14.58	1.5122653	4.93356	0	198.6	209.6	90
OKEF1		6/21	11	63.7083081	4.75795768	20.60546	3.102	0.9183997	2.58294	0	95.68	106.7	90
OKEF1		7/9	11	152.875046	1.74681777	33.67229	4.136	0.5057523	2.42658	0	195.4	206.4	90
OKEF1		7/15	11	196.60751	2.9698401	15.40854	4.408	0.3688483	0.75612	0	220.5	231.5	90
OKEF1		8/17	11	80.5385752	2.37703653	17.60996	2.474	1.0545384	1.30026	0	105.4	116.4	90
OKEF1		8/23	11	126.098449	2.08051926	16.06634	3.981	0.5160253	1.11498	0	149.9	160.9	90
OKEF1		8/26	11	212.522391	3.92131372	17.43869	5.596	0.3669788	0.7413	0	240.6	251.6	90
OKEF1		8/29	11	156.751446	2.00929767	21.23945	4.407	0.477024	1.32492	0	186.2	197.2	90
OKEF1		9/19	11	115.720682	5.00843621	15.93045	4.736	0.3666822	2.92368	0	144.7	155.7	90
OKEF1		9/28	11	147.930899	2.78692522	20.72643	5.042	0.1298802	1.6653	0	178.3	189.3	90
OKEF1		11/9	11	78.827027	3.2415404	36.58042	8.204	0.8096018	4.82196	0	132.5	143.5	90
OKEF1		11/12	11	114.509597	9.35703105	27.28966	6.931	1.2739516	1.83018	0	161.2	172.2	90
OKEF1		11/18	11	142.239158	12.3635446	23.88563	7.151	0.146352	3.46092	0	189.2	200.2	90
OKEF1		11/21	11	64.5979184	7.27898353	20.22155	5.581	0.3946098	3.13614	0	101.2	112.2	90
OKEF1		12/3	11	84.793389	9.37182198	27.37574	7.658	0.4414717	2.88306	0	132.5	143.5	90
OKEF1		12/12	11	91.738887	7.58807054	14.90747	6.917	0.594637	1.48662	0	123.2	134.2	90
OKEF1	2002	1/17	11	33.9399895	5.79214073	56.41576	18.56	0.0855107	0.9459	0	115.7	126.7	90
OKEF1		1/23	11	46.1327362	8.69702008	86.1043	29.54	0.4778369	3.04338	0	174	185	90
OKEF1		2/13	11	41.4682215	5.9139251	58.21111	15.78	0.3403577	0.48708	0	122.2	133.2	90
OKEF1		2/25	11	78.8303521	8.30360187	16.483	4.852	0.1488591	1.31916	0	109.9	120.9	90
OKEF1		3/30	11	66.7336532	6.91716966	18.59802	5.152	0.7808721	4.47186	0	102.7	113.7	90
OKEF1		4/5	11	80.7616069	7.00422774	13.19357	4.925	0.6887046	4.6098	0	111.2	122.2	90
OKEF1		5/2	11	64.2012038	4.91069876	24.56306	3.571	0.7814594	3.2703	0	101.3	112.3	90
OKEF1		5/8	11	69.0982668	11.3014094	156.3453	7.518	1.4788145	4.7859	0	250.5	261.5	90
OKEF1		6/4	11	271.567816	3.82440139	43.2492	7.082	1.3371047	2.9541	0	330	341	90
OKEF1		7/7	11	74.1352317	6.80839446	16.88157	4.312	1.2839602	2.77854	0	106.2	117.2	90
OKEF1		7/16	11	86.4841839	3.64217815	24.34182	2.474	1.5685247	2.22312	0	120.7	131.7	90
OKEF1		7/19	11	172.532583	2.16828157	28.74528	4.676	1.0683563	2.6988	0	211.9	222.9	90
OKEF1		8/6	11	113.920735	1.99505599	25.94509	4.562	1.4158753	2.96784	0	150.8	161.8	90
OKEF1		8/24	11	74.2309676	1.84130173	21.22515	3.693	0.429885	2.38518	0	103.8	114.8	90
OKEF1		9/11	11	88.0507525	3.11132017	26.67979	5.23	0.797661	3.05736	0	126.9	137.9	90
OKEF1		9/17	11	201.84098	2.25493904	22.69499	3.674	1.1506784	2.83914	0	234.5	245.5	90

Okefenokee - 20% Worst Days

site	year	date	Rayleigh	Amm SO4	Amm NO3	POM	LAC	Soil	CM	Sea Salt	RBext	TBext	Group
OKEF1	2002	9/20	11	84.8786995	3.89368585	8.53824	3.977	0.6143587	2.63532	0	104.5	115.5	90
OKEF1		10/8	11	139.841538	3.37403176	27.27227	7.144	1.2064184	4.5045	0	183.3	194.3	90
OKEF1		10/23	11	167.31848	2.69404071	13.13795	6.197	0.8811984	1.6212	0	191.8	202.8	90
OKEF1		11/4	11	68.3123057	3.01877703	20.8928	5.239	0.6775188	2.80506	0	100.9	111.9	90
OKEF1		12/4	11	64.6142065	15.8337711	18.7435	5.285	0.6055983	4.44678	1.35678	110.9	121.9	90
OKEF1		12/7	11	76.8071326	10.1369973	18.89014	8.138	0.0664636	0.37806	0	114.4	125.4	90
OKEF1		12/16	11	41.5438459	4.6032289	60.97153	11.9	0.3852194	0.69144	0	120.1	131.1	90
OKEF1	2003	1/9	11	42.9243494	10.6766869	40.83332	7.7	0.4432245	1.76196	0	104.3	115.3	90
OKEF1		1/15	11	31.9769243	21.4878642	33.16347	11.95	0.5668736	2.00514	0	101.2	112.2	90
OKEF1		2/20	11	87.4385364	4.21299445	7.752383	3.977	0.563903	1.1916	0	105.1	116.1	90
OKEF1		2/26	11	73.8026952	6.53161915	10.48901	4.836	0.5161182	1.0137	0	97.19	108.2	90
OKEF1		3/19	11	70.2673172	8.56325104	11.18105	4.252	0.6934581	2.16408	0	97.12	108.1	90
OKEF1		3/25	11	111.835318	2.74503483	22.54039	7.069	0.853779	1.62642	0	146.7	157.7	90
OKEF1		4/12	11	68.8987033	2.39751203	11.50096	5.209	0.6106022	0.96078	0	89.58	100.6	90
OKEF1		4/15	11	91.7827524	5.00267529	10.68725	3.812	1.0565232	2.87208	0	115.2	126.2	90
OKEF1		5/6	11	45.1389691	9.99896855	16.04238	2.472	5.4500842	10.2104	0	89.31	100.3	90
OKEF1		5/27	11	138.573181	1.31119298	23.25961	6.133	0.8986066	2.2938	0	172.5	183.5	90
OKEF1		5/30	11	45.7364011	2.31976686	52.97145	5.749	0.7762656	3.33036	0	110.9	121.9	90
OKEF1		6/2	11	113.641801	2.8419954	30.91057	5.561	0.7670436	3.80562	0	157.5	168.5	90
OKEF1		6/11	11	92.0006369	4.49952512	28.03817	4.86	0.5980443	2.3583	0	132.4	143.4	90
OKEF1		6/23	11	135.073016	1.69744326	30.19521	4.731	0.5362904	2.31996	0	174.6	185.6	90
OKEF1		6/26	11	141.549053	1.72054155	26.42234	4.557	0.7233934	2.1816	0	177.2	188.2	90
OKEF1		7/29	11	71.0812441	1.88058547	12.99334	2.432	1.2277168	2.79738	0	92.41	103.4	90
OKEF1		9/9	11	87.4748766	1.83077561	14.5071	3.599	0.4800094	1.89864	0	109.8	120.8	90
OKEF1		9/15	11	74.2508475	2.27804435	11.50661	3.085	0.5986024	1.4112	0	93.13	104.1	90
OKEF1		10/3	11	89.2405789	5.06466832	14.32488	5.526	0.7382893	3.69084	0	118.6	129.6	90
OKEF1		10/6	11	138.092104	3.03517435	39.61419	8.126	1.1928864	2.77434	0	192.8	203.8	90
OKEF1		10/9	11	93.0866486	3.8867641	7.933568	3.968	0.5930886	0.93048	0	110.4	121.4	90
OKEF1		10/18	11	65.1892052	2.45485855	15.4651	4.59	0.4570222	1.26186	0	89.42	100.4	90
OKEF1		10/21	11	84.8478699	1.50343519	15.47428	4.781	0.7576392	1.72236	0	109.1	120.1	90
OKEF1		10/30	11	64.8732349	3.29450122	20.43566	5.871	0.5659889	2.11272	0	97.15	108.2	90
OKEF1		11/8	11	102.251514	5.32471839	18.2864	3.487	0.09853	1.49532	0	130.9	141.9	90

Okefenokee - 20% Worst Days

site	year	date	Rayleigh	Amm SO4	Amm NO3	POM	LAC	Soil	CM	Sea Salt	RBext	TBext	Group
OKEF1	2004	1/10	11	86.6065419	2.62229592	9.269522	2.552	0.4537617	0.45312	0.37733	102.3	113.3	90
OKEF1		1/16	11	35.6391567	10.7095797	38.53281	5.253	0.4306879	2.5263	1.02454	94.12	105.1	90
OKEF1		2/21	11	56.3756004	6.58708966	44.6829	14.5	1.0044427	4.61466	0.77529	128.5	139.5	90
OKEF1		5/6	11	92.3991204	1.47058561	24.39377	4.901	1.1981363	2.81688	0.42823	127.6	138.6	90
OKEF1		5/12	11	91.620631	9.75855965	6.95719	3.398	1.2356166	4.14618	2.81287	119.9	130.9	90
OKEF1		5/18	11	72.2123901	5.94514598	5.118814	2.349	1.157653	3.01332	2.68453	92.48	103.5	90
OKEF1		5/24	11	72.718137	3.27732886	15.26055	3.01	0.965121	2.8791	0.39824	98.51	109.5	90
OKEF1		6/20	11	107.419829	1.72631647	17.16931	4.268	1.0184373	2.43282	0.68422	134.7	145.7	90
OKEF1		7/14	11	79.0740011	1.72828258	14.84393	2.332	2.318308	2.03664	0.21316	102.5	113.5	90
OKEF1		7/20	11	164.699692	0.93416903	28.29728	3.377	0.8495142	1.7502	0.24342	200.2	211.2	90
OKEF1		7/23	11	441.694836	1.36321573	55.34565	6.654	2.3146406	1.50744	0.16711	509	520	90
OKEF1		7/26	11	131.077724	1.80905529	11.33932	3.146	0.6973627	1.41972	0.56843	150.1	161.1	90
OKEF1		8/4	11	151.230085	1.16060697	20.55964	4.352	0.9634649	2.7594	0.24813	181.3	192.3	90
OKEF1		8/7	11	110.641865	2.62966037	9.962385	3.386	0.7362441	2.16342	0.32298	129.8	140.8	90
OKEF1		8/10	11	112.377393	1.88684788	12.05859	3.554	0.8126651	2.54988	0.28139	133.5	144.5	90
OKEF1		8/19	11	89.7500079	1.11804174	12.31253	3.605	0.6772656	1.38642	0.16773	109	120	90
OKEF1		9/9	11	78.9671956	1.29515756	8.908606	3.044	0.5595007	1.14678	0	93.92	104.9	90
OKEF1		9/24	11	151.550969	3.24323041	18.50364	6.944	1.0543289	2.25918	0.30635	183.9	194.9	90
OKEF1		9/30	11	208.777606	1.36276324	12.6322	4.264	1.1612649	1.67814	0.26476	230.1	241.1	90
OKEF1		10/6	11	105.290755	3.86858218	12.84115	4.017	0.6034826	1.78014	0.79211	129.2	140.2	90
OKEF1		10/21	11	81.0766337	2.77336054	10.11505	3.716	0.3168335	0.98724	0	98.99	110	90
OKEF1		10/24	11	75.1081574	3.52619406	6.591516	2.789	0.6301527	2.98728	0.52137	92.15	103.2	90
OKEF1		10/27	11	219.954133	2.13541844	14.73066	4.365	1.0643154	1.19994	0	243.4	254.4	90
OKEF1		10/30	11	169.512216	2.27841596	14.80313	4.781	0.8449906	0.85878	0	193.1	204.1	90

Cohutta – 20% Best Visibility Days
(insufficient data for year 2000)

Cohutta - 20% Best Days

site	year	date	ss_rayleigh	EAmn_SO4	EAmn_NO3	EOMC	ELAC	ESoil	ECM	ESea_Salt	RBext	TBext	Group
COHU1	2001	1/10	11	17	15.5797633	5.67064621	2.907	0.257	1.27938	0	42.3	53.3	10
COHU1		1/19	11	5	2.6609995	2.9590536	1.704	0.027	0.23982	0	12.8	23.8	10
COHU1		1/31	11	12	4.710073	5.50746349	2.205	0.424	1.43676	0	26.4	37.4	10
COHU1		2/3	11	13	13.458311	8.69115932	3.786	0.334	0.9048	0	40.2	51.2	10
COHU1		2/6	11	22	10.280606	9.42177622	3.213	0.269	0.96546	0	45.7	56.7	10
COHU1		2/15	11	35	4.67413552	4.78227527	2.218	0.211	0.55734	0	47.1	58.1	10
COHU1		2/18	11	20	14.4746699	5.19425905	2.087	0.268	0.5649	0	43	54	10
COHU1		2/27	11	15	4.00518166	7.80230447	3.339	0.289	1.09194	0	31.1	42.1	10
COHU1		3/14	11	11	4.398788	6.08286737	2.719	0.398	1.15974	0	25.7	36.7	10
COHU1		3/20	11	7	0.85854825	2.4492287	0.669	0.214	0.20382	0	11.7	22.7	10
COHU1		3/29	11	20	8.71371504	7.8876543	3.448657	0.23	0.8861472	0.0776703	41.5	52.5	10
COHU1		4/13	11	25	2.84768827	8.51817308	2.246572	1.351	1.9030367	0.0108426	42	53	10
COHU1		9/1	11	31	2.73129066	3.67809245	1.085974	0.026	1.9123906	0.0548822	40.9	51.9	10
COHU1		10/7	11	14	2.55276071	3.15402397	1.291	0.247	1.80546	0	23.1	34.1	10
COHU1		10/10	11	24	7.44928483	7.04232956	2.876	0.261	2.92626	0	44.3	55.3	10
COHU1		10/16	11	18	2.58739588	6.39783044	2.623	0.194	1.35426	0	30.7	41.7	10
COHU1		10/25	11	9	1.67094335	4.56986613	2.071	0.269	1.70508	0	19.4	30.4	10
COHU1		10/28	11	25	4.56888142	6.54629405	2.261	0.183	0.98424	0	39.9	50.9	10
COHU1		11/24	11	33	4.00472449	6.09441363	2.532367	0.147	0.8041767	0.0089949	46.1	57.1	10
COHU1		11/30	11	26	5.18757544	7.33027788	2.534992	0.268	1.1556579	0.0089949	42.2	53.2	10
COHU1		12/12	11	30	5.28855263	6.94292353	3.053968	0.084	1.0369533	0.0094658	46.8	57.8	10
COHU1		12/15	11	16	5.17767876	5.43179442	2.67852	0.084	0.876342	0.0094658	30	41	10
COHU1		12/21	11	4	9.90177203	4.89103076	2.275942	0.198	1.1201312	0.0249448	22.4	33.4	10
COHU1		12/24	11	10	12.4591372	4.45723545	1.917122	0.17	1.0279789	8.2377391	38.5	49.5	10
COHU1	2002	1/23	11	18	4.75565654	4.49108171	2.777	0.026	0.46962	0	30.3694	41.37	10
COHU1		1/26	11	24	5.91397024	6.14303357	3.249	0.324	0.84084	0	40.4151	51.42	10
COHU1		2/1	11	21	3.77407078	4.84500787	1.894	0.175	1.02354	0	32.4405	43.44	10
COHU1		2/7	11	10	4.41125698	2.74913198	1.252	0.024	0.32922	0	19.1256	30.13	10

Cohutta - 20% Best Days

site	year	date	ss_rayleigh	EAmn_SO4	EAmn_NO3	EOMC	ELAC	ESoil	ECM	ESea_Salt	RBext	TBext	Group
COHU1	2002	2/13	11	11	8.25877571	4.02467953	1.454	0.231	1.68486	0	27.1053	38.11	10
COHU1		3/3	11	23	4.75172081	3.11492808	1.153	0.177	0.27528	0	31.9774	42.98	10
COHU1		3/18	11	24	2.89805587	6.68905646	2.669	0.312	0.07956	0	36.975	47.98	10
COHU1		3/30	11	7	2.91940496	3.19203535	1.317	0.022	0.5592	0	14.8322	25.83	10
COHU1		4/23	11	19	1.62037714	4.23883352	1.807	0.725	0.81312	0	27.7539	38.75	10
COHU1		4/26	11	15	5.18039327	6.68716614	2.215	0.836	0.89604	0	30.3758	41.38	10
COHU1		4/29	11	15	1.75912401	6.54943267	1.774	0.53	1.10088	0	26.8895	37.89	10
COHU1		6/22	11	21	3.18385644	3.78358736	0.819	0.358	0.7248	0.2791454	30.0181	41.02	10
COHU1		7/13	11	14	3.86275943	2.9309026	0.998	0.082	0.07194	0	21.783	32.78	10
COHU1		9/14	11	18	2.56670581	3.46117709	1.061	0.338	5.56548	0.0083859	30.5582	41.56	10
COHU1		9/26	11	15	2.00247848	2.97708426	1.108	0.317	8.3364	0	29.9465	40.95	10
COHU1		11/4	11	21	2.02653083	5.34868451	1.976	0.215	0.62706	0	31.5353	42.54	10
COHU1		11/16	11	13	4.22401039	4.62209813	1.997	0.114	0.2412	0	23.9081	34.91	10
COHU1		12/7	11	22	9.10728688	4.77750047	2.754	0.181	0	0	38.9857	49.99	10
COHU1		12/13	11	12	14.5421994	3.3035084	1.553	0.112	0.1266	0	31.4764	42.48	10
COHU1		12/22	11	20	4.67001563	6.4284762	3.029	0.252	1.695	0	35.8816	46.88	10
COHU1	2003	1/12	11	9	12.0002489	4.43078872	2.168	0.214	0.77592	0	28.9	39.9	10
COHU1		1/24	11	13	18.9167568	4.59300419	2.047	0.227	0.46362	0	39	50	10
COHU1		1/30	11	18	3.74896445	5.16164639	3.195	0.031	0	0	29.9	40.9	10
COHU1		2/5	11	8	6.42065531	2.06219642	1.249	0.196	0.38994	0	18.4	29.4	10
COHU1		2/17	11	8	5.22293534	2.41382497	0.741	0.04	0.58146	0	17.2	28.2	10
COHU1		3/10	11	20	7.227537	6.79317228	3.274	0.351	0.8661	0	38.3	49.3	10
COHU1		3/19	11	21	3.88005112	3.19714501	1.897	0.189	0.42762	0	30.7	41.7	10
COHU1		4/9	11	15	2.48207665	5.68913336	1.926059	0.326	1.3320622	0.0108426	26.9	37.9	10
COHU1		5/6	11	11	3.2875336	4.6785779	1.973	0.477	1.8732	0	22.8	33.8	10
COHU1		5/12	11	11	1.29477049	6.94322978	2.345	0.267	1.63488	0	23.9	34.9	10
COHU1		5/18	11	14	3.28730082	4.67798287	2.04	0.063	0.57048	0	24.9	35.9	10
COHU1		5/21	11	15	5.33812292	5.38512095	1.82	0.217	1.05096	0	29	40	10
COHU1		7/2	11	7	1.11491891	1.86470352	0.921	0.38	0.91146	0	12.3	23.3	10
COHU1		10/9	11	20	1.80507653	5.10675856	1.971	0.152	0.6543	0	29.8	40.8	10
COHU1		10/15	11	18	3.36762207	5.325628	2.025	0.236	1.97016	0	30.8	41.8	10
COHU1		10/27	11	18	2.87625451	4.34173569	1.376	0.212	0.92856	0	27.9	38.9	10

Cohutta - 20% Best Days

site	year	date	ss_rayleigh	EAmn_SO4	EAmn_NO3	EOMC	ELAC	ESoil	ECM	ESea_Salt	RBext	TBext	Group
COHU1	2003	11/8	11	23	1.86244276	7.83280695	2.967	0.242	1.18362	0	37.2	48.2	10
COHU1		11/20	11	5	1.05959617	2.58349491	0.761	0.145	0.68742	0	10.4	21.4	10
COHU1		12/2	11	3	1.70056595	1.57030137	0.536	0.175	0.7161	0	8.1	19.1	10
COHU1		12/5	11	18	6.49050793	3.53629763	1.398	0.182	0.02022	0	29.5	40.5	10
COHU1		12/11	11	28	5.82436835	3.76680879	1.852	0.364	0.29298	0	39.9	50.9	10
COHU1		12/14	11	16	4.25169578	3.44571704	1.348	0.019	0.04116	0	25.1	36.1	10
COHU1		12/17	11	16	8.95943788	3.40681515	1.798	0.219	0.46848	0	30.7	41.7	10
COHU1		12/20	11	17	11.7106072	3.83919436	1.729	0.259	0.56784	0	35.2	46.2	10
COHU1		12/26	11	10	1.68182248	4.31524386	3.017	0.163	0.19644	0	19.9	30.9	10
COHU1	2004	1/1	11	13	2.81515249	8.46232338	2.503	0.207	0.35418	0.2101639	27.3661	38.37	10
COHU1		1/7	11	7	9.12659467	3.75813375	0.765	0.138	0.64404	0.4178981	22.0884	33.09	10
COHU1		1/16	11	4	4.19167387	4.80078406	2.523	0.1	0.71496	0.290342	17.0474	28.05	10
COHU1		2/6	11	12	3.04188962	2.41658931	1.085	0.137	0.50604	0.3212388	19.1203	30.12	10
COHU1		2/12	11	14	6.12620161	4.37650223	1.444	0.188	0.16536	0.2160054	26.791	37.79	10
COHU1		2/15	11	8	1.07843859	2.34921575	0.887	0.087	0.1296	0.2470216	12.8654	23.87	10
COHU1		2/27	11	22	6.08928643	3.49957459	1.574	0.204	0.21894	0.173912	33.3322	44.33	10
COHU1		3/7	11	16	2.26537979	4.401864	1.346	0.501	1.13736	0.2978971	25.5981	36.6	10
COHU1		3/19	11	20	4.39231979	7.30274377	2.285	0.664	1.15242	0.2294755	36.0755	47.08	10
COHU1		4/6	11	12	2.8323387	8.14632831	1.988	0.477	1.63488	0.2254486	27.6241	38.62	10
COHU1		5/3	11	25	1.57770618	2.54514858	0.992	0.442	0.90888	0.3401557	31.3102	42.31	10
COHU1		10/15	11	14	4.15733104	3.63060029	1.35	0.236	1.40706	0	24.488	35.49	10
COHU1		11/5	11	27	5.02225397	3.6507631	1.913	0.232	0.98142	0.072473	38.4342	49.43	10
COHU1		11/8	11	18	3.27938265	8.32997467	4.051	0.645	1.68132	0.1367636	35.9275	46.93	10
COHU1		11/14	11	19	2.43683767	4.38888574	2.346	0.221	0.3225	0.1589731	29.2575	40.26	10
COHU1		11/23	11	13	3.82503065	3.09341875	2.671	0.028	0.0174	0.2653448	23.2121	34.21	10
COHU1		11/26	11	10	5.08713248	5.66942104	2.006	0.129	0.39378	0.1262434	22.9475	33.95	10
COHU1		12/2	11	18	3.78499724	3.62023595	1.907	0.187	0.36618	0.2521746	28.056	39.06	10
COHU1		12/8	11	13	2.48695065	5.19123805	2.305	0.236	0.95028	0	24.242	35.24	10
COHU1		12/11	11	17	6.90204156	1.95321062	1.202	0.098	0.02856	0	27.1469	38.15	10
COHU1		12/20	11	11	15.1581582	5.72091525	2.878	0.199	0.59112	0.3395131	35.5806	46.58	10
COHU1		12/23	11	20	4.77156118	2.74913198	1.804	0.256	0.19494	0.4551444	30.1039	41.1	10
COHU1		12/26	11	16	10.3108852	4.26232515	2.592	0.138	0.53664	0.2189614	34.2195	45.22	10

Cohutta – 20% Worst Visibility Days
(insufficient data for year 2000)

Cohutta – 20% worst days

site	year	date	Rayleigh	Amm SO4	Amm NO3	POM	LAC	Soil	CM	Sea Salt	RBext	TBext	Group
COHU1	2001	5/1	11	108.91526	4.56960769	18.74154	4.645	1.3803548	2.07652	0.01271	140.3	151.3	90
COHU1		5/7	11	100.529172	5.17822879	16.06352	4.071	1.1200846	2.34381	0.01271	129.3	140.3	90
COHU1		5/31	11	99.1666281	5.83703386	16.64366	5.116	0.4348525	1.60056	0	128.8	139.8	90
COHU1		6/9	11	207.1307	1.71186614	13.14965	3.908	1.009309	2.00304	0	228.9	239.9	90
COHU1		6/21	11	196.167134	3.82268967	25.05375	4.994	1.0823115	2.50974	0	233.6	244.6	90
COHU1		6/27	11	157.887755	2.90992625	26.11706	4.893	0.807281	2.1144	0	194.7	205.7	90
COHU1		7/3	11	114.439221	2.2519522	17.62509	3.328	1.8979907	2.4862	0.05349	142.1	153.1	90
COHU1		7/12	11	144.391901	2.53212118	22.19893	4.532	0.8633762	2.97114	0	177.5	188.5	90
COHU1		7/18	11	320.524776	2.40191523	27.86374	5.426	1.1236478	3.26712	0	360.6	371.6	90
COHU1		7/21	11	199.756517	4.98528378	20.95729	4.393	0.783614	1.78674	0	232.7	243.7	90
COHU1		7/30	11	135.109323	3.00122453	14.60846	3.172	0.851613	2.0425	0.05349	158.8	169.8	90
COHU1		8/2	11	168.034048	4.73268537	18.49444	4.167	1.0386054	1.77863	0.72373	199	210	90
COHU1		8/5	11	171.004539	3.06103	17.62263	3.297	1.0696713	1.39259	0.69923	198.1	209.1	90
COHU1		8/8	11	177.263773	2.52726318	13.12478	4.018	0.8592066	1.5696	0	199.4	210.4	90
COHU1		8/14	11	162.25997	2.16616663	21.75394	3.899	0.7709383	2.28756	0	193.1	204.1	90
COHU1		8/17	11	143.516324	2.95225322	20.05278	4.613	0.913034	2.70163	0.05488	174.8	185.8	90
COHU1		8/23	11	128.805003	2.97285437	21.46547	5.354	1.0225455	2.80425	0.05488	162.5	173.5	90
COHU1		8/26	11	231.743008	2.64716858	21.82823	4.741	1.3063412	2.39731	0.05488	264.7	275.7	90
COHU1		9/7	11	194.643071	2.89576365	18.72062	4.668	0.503578	1.9635	0.05488	223.4	234.4	90
COHU1		9/13	11	223.52345	3.35165578	17.60955	6.194	0.7459736	1.46539	0.05488	252.9	263.9	90
COHU1		9/19	11	157.749364	2.87914344	12.1478	4.409	0.556404	1.76571	0.05488	179.6	190.6	90
COHU1		9/22	11	107.501569	2.9614513	11.85342	4.114	0.4672815	2.27865	0.05488	129.2	140.2	90
COHU1		10/4	11	92.7061162	3.4938724	38.0708	7.17	0.6150664	2.52696	0	144.6	155.6	90
COHU1		11/18	11	196.900617	15.624569	79.78531	11.36	0.8079211	1.92539	0.00899	306.4	317.4	90
COHU1	2002	2/25	11	84.8202577	16.471501	37.42798	6.28	0.3835559	1.57734	0	147	158	90
COHU1		5/2	11	97.9773636	7.84292022	34.65062	5.883	0.7215014	0.53694	0	147.6	158.6	90
COHU1		6/1	11	172.69389	3.04552856	17.98996	4.772	1.0780125	0	0	199.6	210.6	90
COHU1		6/4	11	184.740907	4.42372969	31.1136	5.593	1.2139577	0.71022	0	227.8	238.8	90

Cohutta – 20% worst days

site	year	date	Rayleigh	Amm SO4	Amm NO3	POM	LAC	Soil	CM	Sea Salt	RBext	TBext	Group
COHU1	2002	7/4	11	124.276636	1.38436129	26.19823	4.589	0.8547403	0	0	157.3	168.3	90
COHU1		7/7	11	176.436729	1.79051449	32.40316	4.061	1.3255038	0.2082	0	216.2	227.2	90
COHU1		7/10	11	376.508088	7.89608944	96.66021	9.783	3.1852968	2.85276	0	496.9	507.9	90
COHU1		7/16	11	109.444803	2.73556563	16.22504	3.396	0.5208114	0	0	132.3	143.3	90
COHU1		7/25	11	281.869878	4.06215049	13.23312	4.621	1.3148853	0	0	305.1	316.1	90
COHU1		8/3	11	289.163894	1.3313849	24.50217	4.83	1.334475	0	0	321.2	332.2	90
COHU1		8/6	11	294.87167	1.89983253	20.12634	4.328	1.6941244	0	0	322.9	333.9	90
COHU1		8/9	11	205.449405	3.66643415	35.08353	6.341	1.4201918	0.696	0	252.7	263.7	90
COHU1		8/12	11	180.666834	2.62173951	23.10462	3.352	0.8563504	0.30918	0	210.9	221.9	90
COHU1		8/15	11	139.497413	5.84718437	19.3853	4.011	0.958427	0	0	169.7	180.7	90
COHU1		8/21	11	108.017823	2.76284559	21.55578	4.166	0.8627908	0	0	137.4	148.4	90
COHU1		9/5	11	301.623205	2.75740263	14.28971	6.099	1.439484	0	0	326.2	337.2	90
COHU1		9/8	11	230.348965	2.45623128	18.50041	5.745	1.1683839	4.86108	0	263.1	274.1	90
COHU1		9/17	11	148.151059	7.40682493	23.94599	6.438	0.8585691	3.44436	0	190.2	201.2	90
COHU1		9/20	11	141.080481	6.52952932	10.87659	3.305	0.5230918	8.6544	0	171	182	90
COHU1		9/23	11	125.905232	1.78764774	10.45445	3.487	0.7121872	9.2346	0	151.6	162.6	90
COHU1		10/8	11	102.161765	7.19460547	15.17149	4.535	0.5881854	2.6379	0	132.3	143.3	90
COHU1	2003	4/27	11	139.239021	1.3848407	9.484588	4.469	1.8601615	1.93913	0.01084	158.4	169.4	90
COHU1		4/30	11	118.84607	3.28890565	20.6922	5.367	1.0949403	1.75764	0	151	162	90
COHU1		5/9	11	94.4542689	6.29629352	12.87533	5.635	0.9630312	2.72136	0	122.9	133.9	90
COHU1		5/24	11	190.566731	2.5533544	12.30246	3.533	1.0868578	1.20042	0	211.2	222.2	90
COHU1		5/27	11	112.13506	1.75874863	10.96946	2.955	0.1259971	1.56048	0	129.5	140.5	90
COHU1		6/5	11	128.421629	1.64645892	16.24365	5.673	0.5601694	1.06506	0	153.6	164.6	90
COHU1		6/11	11	120.212487	4.67445717	21.07303	5.786	0.8491498	1.76538	0	154.4	165.4	90
COHU1		6/20	11	153.662172	3.21285126	13.22579	3.828	0.6172157	1.7508	0	176.3	187.3	90
COHU1		6/26	11	342.537893	1.72625857	48.83211	8.665	0.9358482	2.62116	0	405.3	416.3	90
COHU1		6/29	11	138.464035	4.49268274	21.44764	4.926	0.7287656	1.17978	0	171.2	182.2	90
COHU1		7/17	11	185.353265	3.52730053	15.63052	3.885	1.0377677	2.24322	0	211.7	222.7	90
COHU1		7/20	11	247.563593	1.80110903	23.51753	6.547	1.0473476	1.81506	0	282.3	293.3	90
COHU1		8/1	11	107.126484	2.85605301	10.96597	3.06	1.0613934	1.374	0	126.4	137.4	90
COHU1		8/7	11	128.449524	4.4107633	9.868858	2.845	0.1391716	1.50876	0	147.2	158.2	90
COHU1		8/10	11	237.513471	1.55340579	16.26847	4.436	0.107182	0.95916	0	260.8	271.8	90

Cohutta – 20% worst days

site	year	date	Rayleigh	Amm SO4	Amm NO3	POM	LAC	Soil	CM	Sea Salt	RBext	TBext	Group
COHU1	2003	8/16	11	245.803025	1.93122928	14.94532	4.964	0.1716298	1.1538	0	269	280	90
COHU1		8/19	11	257.201996	3.43125282	22.63397	7.203	0.9162123	1.94586	0	293.3	304.3	90
COHU1		8/22	11	308.519951	3.36528222	23.86551	6.76	1.1584384	1.9977	0	345.7	356.7	90
COHU1		8/25	11	287.29095	2.86976334	31.79803	7.919	0.4049542	1.95666	0	332.2	343.2	90
COHU1		8/28	11	301.661466	2.189401	30.13547	8.144	0.2040851	1.4991	0	343.8	354.8	90
COHU1		9/3	11	103.588329	5.32533093	14.71558	5.505	0.8412457	1.75266	0	131.7	142.7	90
COHU1		9/6	11	196.686477	2.99886222	18.82235	5.469	1.3781598	2.01434	0.05488	227.4	238.4	90
COHU1		9/9	11	107.667525	2.83428145	17.7217	4.563	0.7570187	1.467	0.05488	135.1	146.1	90
COHU1		9/12	11	107.312939	3.13097477	23.58455	7.205	0.7312605	1.81008	0	143.8	154.8	90
COHU1		9/21	11	132.379055	2.74291057	25.10167	5.041	0.9831005	1.90972	0.05488	168.2	179.2	90
COHU1	2004	6/2	11	134.567757	3.56903074	14.53114	2.909	1.5024326	2.02572	0	159.1	170.1	90
COHU1		6/5	11	113.499763	1.12005008	7.7472	1.899	0.7182227	1.27572	0	126.3	137.3	90
COHU1		6/11	11	218.259062	1.88202402	21.6497	4.34	1.3390795	1.64238	0.27246	249.4	260.4	90
COHU1		6/14	11	108.225158	3.82665557	14.56948	4.858	0.8978583	1.41012	0.35086	134.1	145.1	90
COHU1		6/20	11	152.590872	1.11352759	10.80828	4.054	0.9772688	1.5906	0.2172	171.4	182.4	90
COHU1		6/26	11	166.870962	1.9737068	10.9478	4.724	1.0127974	2.41848	0.22105	188.2	199.2	90
COHU1		7/17	11	178.281963	2.46700797	21.27312	6.914	1.1234593	1.89414	0.19981	212.2	223.2	90
COHU1		7/20	11	187.744642	1.24299187	16.36864	4.019	1.0421132	1.15254	0	211.6	222.6	90
COHU1		7/26	11	143.329174	1.50334574	10.06913	2.548	0.8209312	0.81924	0.34123	159.4	170.4	90
COHU1		8/4	11	205.117108	1.7961191	104.6353	17.22	1.2391074	1.62408	0	331.6	342.6	90
COHU1		8/7	11	119.987092	2.38630949	14.64926	3.66	0.7337552	1.34478	0.30216	143.1	154.1	90
COHU1		8/13	11	107.512601	1.27285307	11.03452	1.669	0.6451549	0.53844	0	122.7	133.7	90
COHU1		8/16	11	183.14143	1.78111206	15.81798	2.019	1.9234675	1.34874	0.31015	206.3	217.3	90
COHU1		8/19	11	171.108365	1.77019851	32.03222	6.016	1.2319323	2.39034	0	214.5	225.5	90
COHU1		8/25	11	142.117651	5.25736856	23.63595	4.115	0.87404	0.99282	0.21963	177.2	188.2	90
COHU1		8/28	11	221.234632	2.63132636	24.83812	4.249	2.2161921	1.8207	0.36206	257.4	268.4	90
COHU1		8/31	11	166.528962	1.35861442	11.35764	2.757	1.3079057	1.23546	0	184.5	195.5	90
COHU1		9/3	11	182.89692	2.46589563	19.99081	6.339	1.0134492	1.62144	0.42462	214.8	225.8	90
COHU1		9/12	11	112.044126	1.36410404	13.20162	2.92	0.2288835	1.07148	0.25823	131.1	142.1	90
COHU1		9/24	11	128.481197	2.34719124	19.75268	5.155	0.820111	1.56498	0.31148	158.4	169.4	90
COHU1		9/30	11	164.73743	5.10731572	17.91967	7.2	0.8762674	2.1483	0	198	209	90
COHU1		10/3	11	174.260924	2.47837944	21.83964	6.723	0.8475349	1.35828	0	207.5	218.5	90

Cohutta – 20% worst days

site	year	date	Rayleigh	Amm SO4	Amm NO3	POM	LAC	Soil	CM	Sea Salt	RBext	TBext	Group
COHU1	2004	10/6	11	118.029053	7.71216366	28.05295	8.328	0.8821946	2.28048	0	165.3	176.3	90
COHU1		10/30	11	188.547013	3.21056323	16.48378	4.96	0.8468504	1.4352	0	215.5	226.5	90