

Figure 1.

Ozone Table

StateLatID	StateLat	January	February	March	April	May	June	July	August	September	October	November	December
2055	AK55	0.33	0.38	0.4	0.39	0.38	0.36	0.34	0.32	0.3	0.28	0.29	0.3
0260	AK60	0.33	0.39	0.42	0.4	0.39	0.36	0.34	0.32	0.3	0.28	0.3	0.31
0265	AK65	0.34	0.4	0.44	0.42	0.41	0.37	0.35	0.33	0.31	0.29	0.31	0.32
0270	AK70	0.35	0.41	0.46	0.43	0.41	0.37	0.35	0.32	0.3	0.29	0.3	0.32
0100	AL	0.3	0.31	0.32	0.33	0.33	0.33	0.32	0.31	0.3	0.29	0.29	0.3
0500	AR	0.31	0.33	0.34	0.35	0.35	0.34	0.33	0.32	0.31	0.3	0.3	0.31
0400	AZ	0.3	0.32	0.33	0.34	0.34	0.33	0.32	0.31	0.3	0.29	0.29	0.3
0635	CA35	0.3	0.32	0.33	0.34	0.34	0.33	0.32	0.31	0.3	0.29	0.29	0.3
0640	CA40	0.31	0.33	0.34	0.35	0.35	0.34	0.32	0.31	0.29	0.28	0.29	0.3
0800	CO	0.31	0.33	0.34	0.35	0.35	0.34	0.32	0.31	0.29	0.28	0.29	0.3
0900	CT	0.35	0.37	0.38	0.39	0.39	0.38	0.36	0.35	0.33	0.32	0.33	0.34
1100	DC	0.33	0.35	0.36	0.37	0.37	0.36	0.34	0.33	0.31	0.3	0.31	0.32
1000	DE	0.33	0.35	0.36	0.37	0.37	0.36	0.34	0.33	0.31	0.3	0.31	0.32
1200	FL	0.3	0.31	0.32	0.33	0.33	0.32	0.31	0.3	0.29	0.29	0.29	0.3
1300	GA	0.31	0.32	0.33	0.34	0.34	0.34	0.33	0.32	0.31	0.3	0.3	0.31
0000	GM	0.24	0.26	0.26	0.27	0.28	0.27	0.26	0.26	0.26	0.25	0.25	0.25
1500	HI	0.24	0.26	0.26	0.27	0.28	0.27	0.26	0.26	0.26	0.25	0.25	0.25
1900	IA	0.33	0.35	0.36	0.37	0.37	0.36	0.34	0.33	0.31	0.3	0.31	0.32
1600	ID	0.32	0.35	0.37	0.37	0.36	0.35	0.33	0.31	0.3	0.29	0.29	0.3
1700	IL	0.33	0.35	0.36	0.37	0.37	0.36	0.34	0.33	0.31	0.3	0.31	0.32
1800	IN	0.33	0.35	0.36	0.37	0.37	0.36	0.34	0.33	0.31	0.3	0.31	0.32
2000	KS	0.31	0.33	0.34	0.35	0.35	0.34	0.32	0.31	0.29	0.28	0.29	0.3
2100	KY	0.33	0.35	0.36	0.37	0.37	0.36	0.35	0.34	0.33	0.32	0.32	0.33
2200	LA	0.3	0.31	0.32	0.33	0.33	0.33	0.32	0.31	0.3	0.29	0.29	0.3
2500	MA	0.35	0.37	0.38	0.39	0.39	0.38	0.36	0.35	0.33	0.32	0.33	0.34
2400	MD	0.33	0.35	0.36	0.37	0.37	0.36	0.34	0.33	0.31	0.3	0.31	0.32
2300	ME	0.36	0.39	0.41	0.41	0.4	0.39	0.37	0.35	0.34	0.33	0.33	0.34
2600	MI	0.34	0.37	0.39	0.39	0.38	0.37	0.35	0.33	0.32	0.31	0.31	0.32
2700	MN	0.34	0.37	0.39	0.39	0.38	0.37	0.35	0.33	0.32	0.31	0.31	0.32
2900	MO	0.32	0.34	0.35	0.36	0.36	0.35	0.33	0.32	0.3	0.29	0.3	0.31
2800	MS	0.3	0.31	0.32	0.33	0.33	0.33	0.32	0.31	0.3	0.29	0.29	0.3

3000	MT	0.33	0.36	0.38	0.38	0.37	0.36	0.34	0.32	0.31	0.3	0.3	0.31
3700	NC	0.32	0.34	0.35	0.36	0.36	0.35	0.34	0.33	0.32	0.31	0.31	0.32
3800	ND	0.34	0.37	0.39	0.39	0.38	0.37	0.35	0.33	0.32	0.31	0.31	0.32
3100	NE	0.32	0.34	0.35	0.36	0.36	0.35	0.33	0.32	0.3	0.29	0.3	0.31
3300	NH	0.35	0.38	0.4	0.4	0.39	0.38	0.36	0.34	0.33	0.32	0.32	0.33
3400	NJ	0.34	0.36	0.37	0.38	0.38	0.37	0.35	0.34	0.32	0.31	0.32	0.33
3500	NM	0.3	0.32	0.33	0.34	0.34	0.33	0.32	0.31	0.3	0.29	0.29	0.3
3200	NV	0.31	0.33	0.34	0.35	0.35	0.34	0.32	0.31	0.29	0.28	0.29	0.3
3600	NY	0.35	0.37	0.38	0.39	0.39	0.38	0.36	0.35	0.33	0.32	0.33	0.34
3900	OH	0.33	0.35	0.36	0.37	0.37	0.36	0.34	0.33	0.31	0.3	0.31	0.32
4000	OK	0.31	0.33	0.34	0.35	0.35	0.34	0.33	0.32	0.31	0.3	0.3	0.31
4100	OR	0.32	0.35	0.37	0.37	0.36	0.35	0.33	0.31	0.3	0.29	0.29	0.3
4200	PA	0.34	0.36	0.37	0.38	0.38	0.37	0.35	0.34	0.32	0.31	0.32	0.33
7200	PR	0.24	0.26	0.26	0.27	0.28	0.27	0.26	0.26	0.26	0.25	0.25	0.25
4400	RI	0.35	0.37	0.38	0.39	0.39	0.38	0.36	0.35	0.33	0.32	0.33	0.34
4500	SC	0.31	0.33	0.34	0.35	0.35	0.34	0.33	0.32	0.31	0.3	0.3	0.31
4600	SD	0.33	0.36	0.38	0.38	0.37	0.36	0.34	0.32	0.31	0.3	0.3	0.31
4700	TN	0.31	0.33	0.34	0.35	0.35	0.34	0.33	0.32	0.31	0.3	0.3	0.31
4830	TX30	0.3	0.31	0.32	0.33	0.33	0.33	0.32	0.31	0.3	0.29	0.29	0.3
4835	TX35	0.3	0.32	0.33	0.34	0.34	0.33	0.32	0.31	0.3	0.29	0.29	0.3
4900	UT	0.31	0.33	0.34	0.35	0.35	0.34	0.32	0.31	0.29	0.28	0.29	0.3
5100	VA	0.33	0.35	0.36	0.37	0.37	0.36	0.35	0.34	0.33	0.32	0.32	0.33
5000	VT	0.35	0.38	0.4	0.4	0.39	0.38	0.36	0.34	0.33	0.32	0.32	0.33
5300	WA	0.33	0.36	0.38	0.38	0.37	0.36	0.34	0.32	0.31	0.3	0.3	0.31
5500	WI	0.34	0.37	0.39	0.39	0.38	0.37	0.35	0.33	0.32	0.31	0.31	0.32
5400	WV	0.33	0.35	0.36	0.37	0.37	0.36	0.34	0.33	0.31	0.3	0.31	0.32
5600	WY	0.32	0.35	0.37	0.37	0.36	0.35	0.33	0.31	0.3	0.29	0.29	0.3

Figure 2.

Albedo Stations

StationID	Albedo	CoeffA	CoeffPHI	CoeffC	TerrainFactor	TertiaryPartitionName	PrimaryPartitionName	Latitude	Longitude
2	6	0.100	105	0.140	1.00	Montgomery	Alabama	32.33029	-86.24026
3	7	0.075	105	0.130	1.00	Huntsville	Alabama	34.66592	-86.65336
4	7	0.080	105	0.140	1.00	Mobile	Alabama	30.64326	-88.13431
1	6	0.090	105	0.135	1.00	Birmingham	Alabama	33.51122	-86.81365
19	8	0.020	90	0.050	0.80	Cold Bay	Alaska	55.20904	162.71430
18	7	0.030	90	0.070	1.00	Kotzebue	Alaska	66.89719	162.58544
16	7	0.020	90	0.050	1.00	Nome	Alaska	64.50388	165.39941
14	7	0.020	90	0.050	0.80	Yakutat	Alaska	59.54501	139.70018
6	6	0.030	90	0.070	0.80	Fairbanks	Alaska	64.83809	147.72638
11	7	0.020	90	0.050	0.80	Bethel	Alaska	60.78972	161.77933
10	7	0.030	90	0.100	0.80	Anchorage	Alaska	61.19190	149.76210
5	7	0.020	90	0.050	0.80	King Salmon	Alaska	58.69008	156.66059
9	6	0.028	85	0.072	1.00	Adak	Alaska	51.88342	176.64506
8	6	0.030	90	0.070	0.80	Bettles	Alaska	66.91342	151.52237
7	6	0.030	90	0.050	0.80	Big Delta	Alaska	64.14732	145.80155
12	7	0.020	90	0.050	0.80	Kodiak	Alaska	57.79311	152.39419
17	7	0.040	90	0.100	1.00	Barrow	Alaska	71.30037	156.73584
24	7	0.030	90	0.050	0.70	Flagstaff	Arizona	35.19916	111.63099
23	6	0.028	95	0.065	1.00	Tucson	Arizona	32.21448	110.91819

21	4	0.029	95	0.090	1.00	Phoenix	Arizona	33.48263	112.10047
22	6	0.030	90	0.050	0.80	Prescott	Arizona	34.56821	112.46148
25	6	0.055	100	0.120	1.00	Little Rock	Arkansas	34.73601	-92.33112
26	12	0.050	95	0.100	1.00	Fort Smith	Arkansas	35.31161	-94.38076
33	12	0.040	85	0.080	1.00	Arcata	California	40.89095	124.08091
30	7	0.040	85	0.100	1.00	San Diego	California	32.98023	117.03667
35	12	0.000	90	0.135	1.00	Sacramento	California	38.55561	121.46893
34	12	0.000	90	0.135	1.00	Bakersfield	California	35.31862	119.08980
32	12	0.000	90	0.135	1.00	Fresno	California	36.78155	119.79211
29	6	0.040	85	0.100	1.00	Santa Maria	California	34.95030	120.46388
28	6	0.048	85	0.165	1.00	Los Angeles	California	34.07571	118.31350
31	7	0.040	85	0.140	1.00	San Francisco	California	37.75988	122.43739
39	6	0.020	90	0.050	0.80	Colorado Springs	Colorado	38.85053	104.77732
42	12	0.008	90	0.024	0.80	Alamosa	Colorado	37.46883	105.87369
40	7	0.020	90	0.054	0.80	Boulder	Colorado	40.04792	105.24712
38	6	0.020	90	0.050	0.80	Eagle	Colorado	39.65051	106.82718
37	5	0.020	90	0.050	0.80	Pueblo	Colorado	38.25622	104.60685
36	5	0.018	90	0.053	0.80	Grand Junction	Colorado	39.08431	108.54746
41	7	0.020	90	0.054	0.80	Denver	Colorado	39.72629	104.96549
43	6	0.055	90	0.140	0.80	Hartford	Connecticut	41.76255	-72.68859
44	7	0.060	90	0.140	0.80	Bridgeport	Connecticut	41.18860	-73.19591
45	6	0.070	100	0.125	0.80	Wilmington	Delaware	39.73891	-75.55826
50	7	0.080	105	0.140	1.00	Miami	Florida	25.76490	-80.21771
52	7	0.075	105	0.135	1.00	Daytona Beach	Florida	29.20453	-81.04977
53	8	0.080	105	0.140	1.00	Key West	Florida	24.55917	-81.78403

51	7	0.080	105	0.140	1.00	West Palm Beach	Florida	26.75273	-80.13837
49	7	0.080	105	0.140	1.00	Tallahassee	Florida	30.44558	-84.27845
48	7	0.080	105	0.140	1.00	Tampa	Florida	27.99985	-82.39642
46	7	0.075	105	0.135	1.00	Jacksonville	Florida	30.31941	-81.66000
47	7	0.080	105	0.140	1.00	Apalachicola	Florida	29.72520	-84.99253
54	6	0.080	105	0.135	1.00	Macon	Georgia	32.83565	-83.63549
55	6	0.080	105	0.130	1.00	Athens-Clarke County (balance)	Georgia	33.96430	-83.39522
56	6	0.080	105	0.130	1.00	Atlanta	Georgia	33.73777	-84.40196
57	6	0.090	105	0.135	1.00	Columbus city (balance)	Georgia	32.48961	-84.94042
59	7	0.075	105	0.135	1.00	Savannah	Georgia	32.09764	-81.17721
60	7	0.000	90	0.040	1.00	Hilo	Hawaii	19.70552	155.08592
63	7	0.000	90	0.040	1.00	Kahului	Hawaii	20.87732	156.45916
61	7	0.000	90	0.040	1.00	Honolulu	Hawaii	21.30895	157.82618
62	7	0.000	90	0.040	1.00	Lihue	Hawaii	21.97152	159.36961
64	6	0.016	90	0.050	0.80	Boise City	Idaho	43.60734	116.19895
65	12	0.020	90	0.050	0.80	Pocatello	Idaho	42.86988	112.47437
66	6	0.050	90	0.140	0.80	Chicago	Illinois	41.90635	-87.80951
67	6	0.045	90	0.120	0.80	Peoria	Illinois	40.72074	-89.60942
68	6	0.045	90	0.110	0.80	Moline	Illinois	41.48547	-90.51115
69	6	0.045	90	0.110	0.80	Springfield	Illinois	39.78325	-89.65037
70	6	0.050	90	0.120	0.80	Rockford	Illinois	42.28141	-89.09505
71	6	0.050	90	0.140	0.80	Fort Wayne	Indiana	41.06850	-85.14482
72	6	0.050	90	0.120	0.80	Indianapolis city (balance)	Indiana	39.77863	-86.14333
73	6	0.050	90	0.140	0.80	South Bend	Indiana	41.67011	-86.24468
74	6	0.052	100	0.120	0.80	Evansville	Indiana	37.98413	-87.56578
75	6	0.045	90	0.100	0.80	Waterloo	Iowa	42.49244	-92.34616
78	6	0.045	90	0.100	0.80	Des Moines	Iowa	41.60034	-93.61620
76	6	0.045	90	0.100	0.80	Mason City	Iowa	43.14875	-93.20192

77	6	0.040	90	0.090	0.80	Sioux City	Iowa	42.53010	-96.39799
79	6	0.045	90	0.100	0.80	Topeka	Kansas	39.03920	-95.68951
80	12	0.045	90	0.095	0.80	Wichita	Kansas	37.68885	-97.33623
81	12	0.042	90	0.077	1.00	Dodge City	Kansas	37.75967	100.01821
82	12	0.030	90	0.070	1.00	Goodland	Kansas	39.34858	101.71115
83	6	0.055	100	0.120	0.80	Lexington-Fayette	Kentucky	38.02963	-84.49464
84	6	0.055	100	0.120	0.80	Louisville	Kentucky	38.21951	-85.71800
85	6	0.052	95	0.120	0.80	Covington	Kentucky	39.02268	-84.51500
86	6	0.065	100	0.125	1.00	Shreveport	Louisiana	32.47162	-93.77590
87	7	0.080	105	0.130	1.00	Lake Charles	Louisiana	30.20576	-93.20883
88	7	0.080	105	0.135	1.00	Baton Rouge	Louisiana	30.45057	-91.12605
89	7	0.080	105	0.140	1.00	New Orleans	Louisiana	29.97275	-90.05901
90	6	0.029	90	0.058	0.80	Caribou	Maine	46.86356	-67.99799
91	6	0.030	90	0.090	0.80	Portland	Maine	43.66512	-70.26909
92	7	0.070	100	0.130	0.80	Baltimore	Maryland	39.30796	-76.61702
93	6	0.050	90	0.140	0.80	Worcester	Massachusetts	42.26884	-71.80377
94	7	0.055	90	0.140	0.80	Boston	Massachusetts	42.32160	-71.08912
98	6	0.050	90	0.120	0.80	Muskegon	Michigan	43.22658	-86.24774
103	7	0.050	90	0.140	0.80	Detroit	Michigan	42.38714	-83.10264
102	7	0.030	90	0.075	0.80	Houghton	Michigan	47.11719	-88.56248
101	7	0.040	90	0.090	0.80	Traverse City	Michigan	44.76823	-85.62690
99	7	0.035	90	0.080	0.80	Alpena	Michigan	45.06480	-83.44125
97	6	0.045	90	0.120	0.80	Grand Rapids	Michigan	42.96048	-85.65828
96	6	0.050	90	0.120	0.80	Flint	Michigan	43.02758	-83.69400
95	6	0.050	90	0.120	0.80	Lansing	Michigan	42.70251	-84.58063
100	7	0.030	90	0.070	0.80	Sault Ste. Marie	Michigan	46.48852	-84.35267
105	6	0.040	90	0.090	0.80	Minneapolis	Minnesota	44.96446	-93.26820
108	6	0.040	90	0.090	0.80	St. Paul	Minnesota	44.95437	-93.11411
109	6	0.035	90	0.080	0.80	Duluth	Minnesota	46.78037	-92.11708

106	6	0.030	90	0.070	0.80	International Falls	Minnesota	48.59153	-93.40524
104	6	0.035	90	0.085	0.80	St. Cloud	Minnesota	45.55843	-94.15405
107	6	0.040	90	0.100	0.80	Rochester	Minnesota	44.02576	-92.47323
110	6	0.080	105	0.130	1.00	Jackson	Mississippi	32.32558	-90.18387
111	6	0.085	105	0.135	1.00	Meridian	Mississippi	32.38107	-88.70054
112	6	0.043	90	0.100	0.80	Columbia	Missouri	38.95285	-92.31894
113	6	0.045	90	0.100	0.80	Kansas City	Missouri	39.14473	-94.58413
114	6	0.045	90	0.110	0.80	Springfield	Missouri	37.16390	-93.28570
115	6	0.045	90	0.110	1.00	St. Louis	Missouri	38.62772	-90.24281
120	6	0.020	90	0.050	0.80	Helena	Montana	46.59580	112.02703
116	5	0.030	90	0.050	0.80	Cut Bank	Montana	48.63480	112.33109
117	6	0.024	90	0.050	0.70	Great Falls	Montana	47.51289	111.28816
118	6	0.024	90	0.050	0.80	Lewistown	Montana	47.06462	109.42988
121	6	0.020	90	0.050	0.80	Missoula	Montana	46.85445	114.02864
122	6	0.030	90	0.055	1.00	Glasgow	Montana	48.19825	106.63540
123	12	0.024	90	0.054	1.00	Miles City	Montana	46.40846	105.84009
124	12	0.020	90	0.050	1.00	Billings	Montana	45.79634	108.51951
119	6	0.030	90	0.050	0.80	Kalispell	Montana	48.19780	114.31607
125	6	0.045	90	0.100	0.80	Omaha	Nebraska	41.26048	-96.01299
126	12	0.040	90	0.085	0.80	Grand Island	Nebraska	40.92232	-98.35800
127	12	0.040	90	0.090	0.80	Norfolk	Nebraska	42.03311	-97.42102
128	12	0.030	90	0.070	1.00	North Platte	Nebraska	41.13591	100.77050
129	12	0.024	90	0.060	1.00	Scottsbluff	Nebraska	41.86714	103.66071
135	6	0.026	90	0.036	0.80	Ely	Nevada	39.25331	114.87734
130	3	0.026	90	0.068	1.00	Las Vegas	Nevada	36.19260	115.30430
131	5	0.030	90	0.055	0.80	Winnemucca	Nevada	40.96844	117.73126

132	5	0.030	90	0.060	0.80	Reno	Nevada	39.54045	119.83391	-
133	5	0.030	90	0.055	1.00	Tonopah	Nevada	38.06906	117.23050	-
134	6	0.030	90	0.050	0.80	Elko	Nevada	40.83640	115.76553	-
136	6	0.030	90	0.100	0.80	Concord	New Hampshire	43.22009	-71.54913	-
138	7	0.070	90	0.120	0.80	Atlantic City	New Jersey	39.36497	-74.43903	-
137	6	0.065	90	0.145	0.80	Newark	New Jersey	40.73520	-74.18494	-
139	3	0.024	90	0.050	1.00	Albuquerque	New Mexico	35.11330	106.60383	-
140	5	0.030	90	0.065	1.00	Tucumcari	New Mexico	35.16945	103.72549	-
147	6	0.030	90	0.065	0.80	Massena	New York	44.92076	-74.89643	-
146	6	0.030	90	0.090	0.80	Syracuse	New York	43.04690	-76.14442	-
145	6	0.035	90	0.090	0.80	Rochester	New York	43.16550	-77.61150	-
143	6	0.050	90	0.100	0.80	Binghamton	New York	42.10222	-75.91180	-
142	6	0.030	90	0.100	0.80	Albany	New York	42.65983	-73.78134	-
141	6	0.065	90	0.145	0.70	New York	New York	40.71254	-73.95206	-
144	6	0.040	90	0.100	0.80	Buffalo	New York	42.90466	-78.84941	-
152	6	0.072	105	0.125	1.00	Charlotte	North Carolina	35.20719	-80.82922	-
148	6	0.070	105	0.125	0.80	Durham	North Carolina	36.00423	-78.91217	-
153	7	0.075	105	0.125	0.80	Asheville	North Carolina	35.57986	-82.55581	-
150	6	0.070	105	0.125	0.80	Greensboro	North Carolina	36.05324	-79.82775	-
151	6	0.070	105	0.130	0.80	Wilmington	North Carolina	34.21923	-77.88908	-
154	6	0.035	90	0.075	1.00	Fargo	North Dakota	46.87141	-96.80866	-
155	12	0.028	90	0.060	1.00	Minot	North Dakota	48.23319	101.29223	-
156	12	0.028	90	0.068	1.10	Bismarck	North Dakota	46.81334	100.77900	-
157	6	0.050	90	0.140	0.80	Cleveland	Ohio	41.48230	-81.66972	-
158	6	0.050	90	0.130	0.80	Columbus	Ohio	40.01899	-82.92998	-
159	6	0.050	90	0.140	0.80	Toledo	Ohio	41.66568	-83.57534	-
160	6	0.050	90	0.140	0.80	Youngstown	Ohio	41.11467	-80.64750	-
161	6	0.050	90	0.125	0.80	Dayton	Ohio	39.76271	-84.19666	-

162	6	0.050	90	0.140	0.80	Mansfield	Ohio	40.75486	-82.52286
163	6	0.050	90	0.140	0.80	Akron	Ohio	41.07316	-81.51790
164	12	0.045	90	0.100	0.80	Tulsa	Oklahoma	36.18154	-95.90422
165	12	0.045	90	0.095	1.00	Oklahoma City	Oklahoma	35.42173	-97.48942
167	5	0.020	90	0.054	0.80	Burns	Oregon	43.58683	119.05711
168	5	0.030	85	0.100	1.00	Salem	Oregon	44.93914	123.04572
169	5	0.024	90	0.060	1.00	Pendleton	Oregon	45.67031	118.79812
170	6	0.038	85	0.106	1.00	Portland	Oregon	45.51980	122.70375
171	6	0.012	80	0.080	1.00	Medford	Oregon	42.33200	122.86187
172	6	0.028	85	0.072	1.00	Eugene	Oregon	44.02389	123.08788
173	7	0.040	85	0.080	1.00	Astoria	Oregon	46.18883	123.82101
174	12	0.040	85	0.080	1.00	North Bend	Oregon	43.40080	124.23577
166	5	0.024	90	0.060	0.80	Redmond	Oregon	44.26898	121.18349
179	6	0.055	90	0.140	0.80	Wilkes-Barre	Pennsylvania	41.24458	-75.87792
182	6	0.065	90	0.130	0.80	Philadelphia	Pennsylvania	39.99801	-75.14479
181	6	0.050	90	0.120	0.80	Bradford	Pennsylvania	41.95910	-78.64461
178	6	0.060	90	0.140	0.80	Allentown	Pennsylvania	40.60170	-75.47733
177	6	0.050	90	0.120	0.80	Erie	Pennsylvania	42.11451	-80.07621
176	6	0.065	90	0.130	0.80	Harrisburg	Pennsylvania	40.26979	-76.87561
175	6	0.055	90	0.145	0.80	Pittsburgh	Pennsylvania	40.44142	-79.97729
180	6	0.055	90	0.140	0.80	Williamsport	Pennsylvania	41.24443	-77.01874
183	6	0.055	90	0.140	0.80	Providence	Rhode Island	41.82355	-71.42213
184	6	0.075	105	0.130	1.00	Columbia	South Carolina	34.05861	-81.01767
185	7	0.075	105	0.125	0.80	Greenville	South Carolina	34.84431	-82.38543
186	7	0.075	105	0.130	1.00	Charleston	South Carolina	32.80629	-79.99184
190	12	0.030	90	0.072	1.00	Pierre	South Dakota	44.36797	100.33638
187	6	0.040	90	0.090	0.80	Sioux Falls	South Dakota	43.51515	-96.74194

188	6	0.024	90	0.060	1.00	Rapid City	South Dakota	44.07619	103.22830	-
189	12	0.035	90	0.080	0.80	Huron	South Dakota	44.35914	-98.21815	-
195	7	0.070	105	0.125	0.80	Bristol	Tennessee	36.54588	-82.21046	-
194	6	0.065	105	0.125	1.00	Memphis	Tennessee	35.11815	-89.94573	-
193	6	0.072	105	0.125	1.00	Knoxville	Tennessee	35.97815	-84.03176	-
191	6	0.065	105	0.125	1.00	Nashville-Davidson (balance)	Tennessee	36.15484	-86.76214	-
192	6	0.075	105	0.125	1.00	Chattanooga	Tennessee	35.07459	-85.29592	-
205	12	0.043	90	0.080	1.00	Odessa	Texas	31.86843	102.35721	-
213	12	0.045	90	0.095	1.00	Wichita Falls	Texas	33.89705	-98.51488	-
212	12	0.050	90	0.100	1.00	Austin	Texas	30.38564	-97.78120	-
211	12	0.045	90	0.090	1.00	San Angelo	Texas	31.44392	100.43826	-
208	12	0.050	90	0.100	1.00	Waco	Texas	31.57611	-97.24150	-
209	12	0.043	90	0.080	1.00	Midland	Texas	32.02592	102.08723	-
207	12	0.040	90	0.080	1.00	Lubbock	Texas	33.56473	101.87779	-
206	12	0.045	90	0.090	1.00	Abilene	Texas	32.51046	-99.71743	-
197	6	0.050	90	0.100	0.80	Fort Worth	Texas	32.83868	-97.27881	-
204	8	0.055	90	0.130	1.00	Corpus Christi	Texas	27.74674	-97.38133	-
210	12	0.040	90	0.075	1.00	Amarillo	Texas	35.16445	101.87004	-
196	5	0.030	95	0.076	1.00	El Paso	Texas	31.81498	106.40943	-
198	6	0.065	100	0.125	1.00	Lufkin	Texas	31.33687	-94.73037	-
199	6	0.050	90	0.100	1.00	San Antonio	Texas	29.46597	-98.48553	-
200	6	0.055	100	0.125	1.00	Victoria	Texas	28.79571	-96.99425	-
201	7	0.065	105	0.125	1.00	Houston	Texas	29.79914	-95.35430	-
202	7	0.075	105	0.130	1.00	Port Arthur	Texas	29.88205	-93.94468	-
203	8	0.055	90	0.145	1.00	Brownsville	Texas	25.97005	-97.46844	-
215	6	0.018	90	0.070	0.80	Salt Lake City	Utah	40.74355	111.84752	-
214	5	0.030	90	0.050	0.80	Cedar City	Utah	37.68261	113.07440	-

216	6	0.030	90	0.066	0.70	Burlington	Vermont	44.48475	-73.22316
220	7	0.070	100	0.125	0.80	Norfolk	Virginia	36.88575	-76.25990
217	6	0.070	105	0.125	0.80	Lynchburg	Virginia	37.40367	-79.17020
218	6	0.070	100	0.125	0.80	Richmond	Virginia	37.53835	-77.46151
219	6	0.070	100	0.125	0.80	Roanoke	Virginia	37.27690	-79.95571
224	12	0.030	90	0.070	0.80	Yakima	Washington	46.58892	120.49852
223	7	0.042	85	0.104	0.80	Seattle	Washington	47.62635	122.33314
222	6	0.042	85	0.104	1.00	Olympia	Washington	47.04242	122.89308
221	6	0.030	90	0.060	1.00	Spokane	Washington	47.63442	117.41788
225	6	0.060	100	0.120	0.80	Huntington	West Virginia	38.40890	-82.43344
226	6	0.060	100	0.120	0.80	Charleston	West Virginia	38.34942	-81.63503
227	6	0.060	100	0.120	0.80	Elkins	West Virginia	38.90324	-79.84759
230	6	0.060	90	0.120	0.80	Madison	Wisconsin	43.07461	-89.39476
231	6	0.040	90	0.100	0.80	La Crosse	Wisconsin	43.81322	-91.23311
229	6	0.040	90	0.090	0.80	Eau Claire	Wisconsin	44.83953	-91.47883
228	6	0.040	90	0.095	0.80	Green Bay	Wisconsin	44.51344	-88.01579
232	6	0.050	90	0.120	0.80	Milwaukee	Wisconsin	43.12291	-88.02993
237	12	0.020	90	0.050	1.00	Sheridan	Wyoming	44.77979	106.94662
233	5	0.020	90	0.050	0.70	Rock Springs	Wyoming	41.58738	109.19194
234	6	0.020	90	0.050	0.70	Lander	Wyoming	42.83304	108.73263
235	6	0.020	90	0.054	0.70	Cheyenne	Wyoming	41.13180	104.79725
236	6	0.020	90	0.050	0.70	Casper	Wyoming	42.83181	106.34283

Figure 3.

Albedo Values

Albedo	January	February	March	April	May	June	July	August	September	October	November	December
3	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.3	0.3	0.3	0.25	0.2	0.15	0.15	0.15	0.2	0.25	0.3	0.3
8	0.25	0.25	0.25	0.21999	0.18	0.15	0.15	0.15	0.18	0.21999	0.25	0.25
12	0.2	0.2	0.18	0.15999	0.15	0.15	0.15	0.15	0.15999	0.18	0.2	0.2