

State	County	AQS ID	Latitude	Longitude	2016 Design Value (ppb)	2012 Base Design Value (ppb)	# of days used in the calculation of RRF	Relative Response Factor (RRF)	2023 Future Design Value (ppb)	Initial Condition (IC) Contribution (ppb)	Boundary Condition (BC) Contribution (ppb)	Bio Contribution (ppb)	Fire Contribution (ppb)	AZ Anthro Contribution (ppb)	CA Anthro Contribution (ppb)	CO Anthro Contribution (ppb)	KS Anthro Contribution (ppb)	NE Anthro Contribution (ppb)	NM Anthro Contribution (ppb)	NV Anthro Contribution (ppb)	OR Anthro Contribution (ppb)	TX Anthro Contribution (ppb)	UT Anthro Contribution (ppb)	WY Anthro Contribution (ppb)	Mexico & Canada Anthro Contribution (ppb)	Other US Anthro Contribution (ppb)	Ocean Anthro Contribution (ppb)		
Alabama	Baldwin	10030010	30.497478	-87.880258	65	68	10	0.815	55	0	7.76	3.69	1.42	0.02	0.04	0.08	0.12	0.07	0.03	0	0.01	0.76	0.03	0.07	0.44	0.5	34.17	6.67	
Alabama	Colbert	10031002	34.762619	-87.632997	59	65	10	0.735	48	0	10.53	6.27	2.4	0.07	0.07	0.07	0.13	0.07	0.03	0.01	0.01	1.28	0.03	0.07	0.5	0.5	25.37	0.71	
Alabama	DeKalb	10498991	34.289001	-85.970065	63	65	10	0.77	50	0	12.59	9.94	1.73	0.03	0.15	0.08	0.16	0.07	0.04	0.02	0.01	0.97	0.05	0.11	0.48	0.37	18.18	0.76	
Alabama	Elmore	10510001	32.488567	-86.136587	n/a	64	67	10	0.752	51	0	10.34	5.31	1.22	0.01	0.06	0.07	0.13	0.06	0.03	0.01	0.02	1.32	0.07	0.65	30.51	1.46		
Alabama	Etowah	10550011	33.9039	-86.0539	61	61	10	0.794	46	0	8.75	4.52	0.82	0.02	0.09	0.06	0.11	0.06	0.03	0.01	0	0.74	0.03	0.06	0.34	28.97	1.31		
Alabama	Houston	10690004	31.188933	-85.423094	59	63	10	0.804	50	0	13.97	5.03	1.03	0.01	0.07	0.08	0.11	0.07	0.02	0.01	0.01	0.67	0.03	0.07	0.86	25.02	3.53		
Alabama	Jefferson	10730023	33.553056	-86.815	68	71	10	0.768	54	0	10.15	4.53	1.13	0.05	0.13	0.12	0.15	0.08	0.05	0.02	0.02	1.08	0.06	0.13	0.56	35.24	0.96		
Alabama	Jefferson	10731003	33.485556	-86.915	66	71	10	0.793	56	0	10.56	4.43	1.19	0.02	0.1	0.12	0.17	0.08	0.04	0.02	0.02	0.98	0.05	0.12	0.59	37.09	0.9		
Alabama	Jefferson	10731005	33.331111	-87.003611	n/a	73	10	0.782	57	0	9.48	4.68	1.25	0.02	0.07	0.1	0.16	0.06	0.04	0.01	0.01	1.04	0.04	0.08	0.54	38.6	0.87		
Alabama	Jefferson	10731009	33.459722	-87.305556	n/a	74	10	0.789	58	0	11.93	4.79	1.62	0.02	0.03	0.08	0.13	0.06	0.04	0	0.01	0.75	0.03	0.06	0.49	37.23	1.07		
Alabama	Jefferson	10731010	33.545278	-86.549167	64	73	10	0.774	56	0	12.25	4.65	1.44	0.03	0.2	0.09	0.14	0.08	0.04	0.03	0.02	1.15	0.07	0.15	0.51	34.4	1.15		
Alabama	Jefferson	10732006	33.386389	-86.816667	66	72	10	0.776	57	0	8.15	4.84	1.28	0.03	0.12	0.12	0.16	0.07	0.05	0.02	0.02	1.27	0.06	0.13	0.42	37.13	1.03		
Alabama	Jefferson	10735002	33.704722	-86.669167	n/a	74	10	0.778	55	0	11.98	4.11	1.36	0.02	0.11	0.09	0.11	0.06	0.03	0.02	0.01	0.89	0.05	0.11	0.5	36.84	1.2		
Alabama	Jefferson	10735003	33.801667	-86.9425	n/a	73	10	0.777	56	0	10.66	5.6	2.59	0.02	0.11	0.1	0.21	0.1	0.04	0.02	0.02	1.24	0.06	0.12	0.63	34.29	0.84		
Alabama	Jefferson	10736002	33.578333	-86.773889	68	75	10	0.774	58	0	11.35	4.81	1.21	0.03	0.15	0.1	0.16	0.09	0.04	0.02	0.02	1.14	0.06	0.13	0.58	37.51	1.1		
Alabama	Madison	10890014	34.687761	-86.586262	64	70	10	0.796	56	0	10.58	6.69	1.47	0.02	0.15	0.08	0.14	0.08	0.04	0.02	0.02	1.15	0.05	0.1	0.5	33.73	1.09		
Alabama	Madison	10890022	34.772727	-86.756174	62	65	10	0.795	51	0	8.88	7.42	0.99	0.02	0.09	0.06	0.12	0.05	0.03	0.01	0.01	0.98	0.03	0.07	0.53	31.22	1.09		
Alabama	Mobile	10970003	30.770181	-88.087761	63	67	10	0.831	56	0	6.45	3.06	4.18	0.01	0.03	0.05	0.07	0.03	0.03	0	0.01	1.41	0.02	0.04	0.32	36.52	3.67		
Alabama	Mobile	10972005	30.4747	-88.1441	65	72	10	0.824	59	0	7.59	3.71	1.48	0.02	0.05	0.09	0.12	0.06	0.03	0.01	0.01	0.78	0.03	0.07	0.39	37.75	7.07		
Alabama	Montgomery	11011002	32.412811	-86.263394	62	65	10	0.767	50	0	8.53	5.65	1.11	0.01	0.05	0.08	0.14	0.07	0.02	0.01	0.02	0.88	0.03	0.07	0.5	29.69	1.43		
Alabama	Morgan	11030011	34.530717	-86.967536	64	68	10	0.809	55	0	12.18	5.82	3.46	0.03	0.15	0.1	0.17	0.06	0.05	0.02	0.01	1.5	0.06	0.11	0.53	31.59	1.45		
Alabama	Russell	11130003	32.46173	-85.083447	60	64	10	0.73	50	0	12.15	4.4	1.35	0.03	0.12	0.12	0.13	0.07	0.03	0.01	0.01	0.56	0.06	0.12	0.56	24.8	1.56		
Alabama	Shelby	11170004	33.3169	-86.875	67	67	10	0.794	54	0	7.94	4.87	1.44	0.03	0.12	0.16	0.07	0.04	0.02	0.02	0.01	0.61	0.06	0.12	0.41	36.41	1.04		
Alabama	Tuscaloosa	11250010	33.089772	-87.459733	60	58	10	0.797	46	0	8.78	3.47	2.2	0.01	0.03	0.06	0.07	0.03	0.03	0	0.01	0.53	0.04	0.43	30.04	1.05			
Arizona	Cochise	40038001	32.00941	-109.38906	65	72	10	0.983	71	0	61.02	1.64	0.94	1.57	0.83	0.18	0.06	0.02	0.03	0.04	0.27	0.08	0.03	1.06	0.15	1.2	2.02	0.38	0.17
Arizona	Coconino	40051008	35.206111	-111.65277	69	70	10	0.964	67	0	57.44	1.28	0.5	2.42	2.78	0.22	0.02	0.01	0.27	0.18	0.05	0.14	0.15	0.19	1.3	0.22	0.25		
Arizona	Coconino	40058001	36.05864	-112.18358	67	71	10	0.975	69	0	60.7	1.33	0.15	0.91	2.79	0.48	0.02	0.03	0.49	0.26	0.04	0.08	0.2	0.26	0.96	0.21	0.22		
Arizona	Gila	40070010	33.6547	-111.1074	71	74	10	0.909	67	0	48.74	1.92	0.35	9.3	2.57	0.14	0.01	0	0.27	0.19	0.04	0.2	0.32	0.12	2.78	0.22	0.31		
Arizona	La Paz	40128000	34.2439	-113.5586	69	72	10	0.953	68	0	54.62	2.28	0.33	2.6	3.29	0.25	0.08	0.05	0.4	0.19	0.07	0.77	0.23	0.27	2.33	0.47	0.31		
Arizona	Maricopa	40130019	33.48385	-112.14257	73	78	10	0.849	66	0	23.83	5.07	0.34	0.4	24.02	0.89	0.48	0.23	0.08	1.08	0.11	0.04	2.72	0.25	0.21	5.55	1.21	0.27	
Arizona	Maricopa	40131004	33.56033	-112.06626	75	80	10	0.835	67	0	23.78	5.18	0.44	24.53	1.09	0.5	0.22	0.08	1.08	0.06	0.04	2.68	0.19	0.23	5.69	1.19	0.31		
Arizona	Maricopa	40131010	33.45223	-111.73331	73	71	10	0.842	60	0	25.62	3.98	0.33	19.11	1.81	0.26	0.13	0.05	0.64	0.11	0.03	1.74	0.19	0.13	5.08	0.77	0.29		
Arizona	Maricopa	40132001	33.57454	-112.19196	68	75	10	0.84	63	0	22.46	4.91	0.45	22.63	1.01	0.46	0.22	0.09	0.99	0.05	0.04	2.66	0.17	0.23	5.35	1.2	0.31		
Arizona	Maricopa	40132005	33.706328	-111.85562	77	77	10	0.855	66	0	32.21	3.53	0.36	19.11	2.14	0.19	0.1	0.03	0.49	0.07	0.03	1.12	0.11	0.07	5.3	0.83	0.33		
Arizona	Maricopa	40133002	33.45793	-112.04601	70	74	10	0.852	63	0	24.48	4.39	0.34	22.45	1.22	0.41	0.18	0.07	0.95	0.1	0.03	2.21	0.23	0.17	4.76	0.98	0.26		
Arizona	Maricopa	40133003	33.47968	-111.91721	70	76	10	0.851	64	0	26.41	4.35	0.36	21.65	1.41	0.41	0.16	0.06	0.98	0.1	0.03	2.05	0.23	0.18	4.85	0.89	0.28		
Arizona	Maricopa	40134003	33.40316	-112.07533	70	75	10	0.85	64	0	22.85	4.77	0.35	24.23	0.89	0.47	0.19	0.07	1.03	0.1	0.03	2.33	0.25	0.19	5.18	1.02	0.26		
Arizona	Maricopa	40134004	33.29898	-111.88431	69	72	10	0.84	60	0	24.16	4.53	0.34	19.36	1.49	0.41	0.16	0.06	0.95	0.12	0.03	2.06	0.22	0.18	5.47	0.89	0.27		
Arizona	Maricopa	40134005	33.4124	-111.93473	n/a	70	10	0.847	59	0	24.58	3.83	0.31	20.25	1.78	0.25	0.12	0.05	0.6	0.11	0.03	1.65	0.18	0.12	4.9	0.73	0.28		
Arizona	Maricopa	40134008	33.82169	-112.01739	71	76	10	0.854	64	0	29.8	4.37	0.46	18.19	1.32	0.41	0.19	0.07	1.01	0.05	0.05	2.15	0.16	0.19	4.93	1.17	0.31		
Arizona	Maricopa	40134010	33.63713	-112.3434	66	71	10	0.846	60	0	24.55	4.15	0.38	20.75	1.1	0.44	0.16	0.07	0.94	0.06	0.03	2.02	0.25	0.29	4.23	0.92	0.27		
Arizona	Maricopa	40134011	33.37005	-112.76107	59	64	10	0.843	57	0	31.66	3.34	0.37	11.65	1.64	0.17	0.08	0.11	0.37	0.11	0.03	1.35	0.16						

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California	Fresno	60195001	36.819111	-119.171735	94	95.67	10	0.859	82	0	39.77	7.55	0.53	0.56	28.42	0.13	0.04	0.01	0.25	0.11	0.22	0.47	0.05	0.04	0	2.48	0.33	1.11
California	Glenn	60710003	39.533761	-122.95919	64	64.67	10	0.995	58	0	39.92	3.45	3.93	0.06	13.8	0.07	0.01	0.01	0.03	0.03	0.47	0.09	0.09	0	0	0.56	0.39	0.49
California	Imperial	60250005	32.676186	-115.48414	76	76.33	10	0.956	73	0	43.71	0.76	0.76	0.15	0.12	0.15	0.02	0.16	0.18	0.2	0.04	0.23	0.09	0.06	0.06	10.44	0.2	0.78
California	Imperial	60251003	32.79222	-115.56306	76	81	10	0.951	77	0	46.22	2.49	0.79	0.79	14.44	0.16	0.03	0.01	0.2	0.24	0.04	0.25	0.09	0.06	10.11	0.22	0.83	
California	Imperial	60254003	33.0325	-115.62361	n/a	71	10	0.889	63	0	38.28	1.95	0.68	0.55	14.54	0.11	0.01	0.01	0.13	0.14	0.03	0.06	0.08	0.04	5.5	0.08	0.88	
California	Imperial	60254004	33.213611	-115.54528	67	70.33	10	0.876	61	0	34.93	2.04	0.43	0.61	16.63	0.11	0.01	0.01	0.13	0.18	0.04	0.07	0.09	0.05	5.19	0.08	0.91	
California	Kern	60290007	35.346094	-118.85203	87	87.67	10	0.866	76	0	40.24	6.85	0.38	0.63	23.24	0.12	0.03	0.01	0.25	0.1	0.13	0.4	0.05	0.04	2.29	0.26	0.84	
California	Kern	60290008	35.05443	-119.40482	81	83.33	10	0.88	73	0	42.85	6.06	0.34	0.27	19.09	0.07	0.02	0	0.22	0.2	0.18	0.24	0.05	0.02	2.03	0.19	0.99	
California	Kern	60290011	35.05051	-118.14729	84	81.33	10	0.87	70	0	42.65	3.24	0.23	0.27	20.47	0.06	0.01	0	0.11	0.14	0.15	0.21	0.03	0.02	1.32	0.15	1.58	
California	Kern	60290014	35.356092	-119.0412	84	86.67	10	0.868	75	0	39.49	6.67	0.38	0.58	23.7	0.11	0.03	0.01	0.23	0.09	0.14	0.38	0.05	0.03	2.14	0.25	0.86	
California	Kern	60290232	35.438869	-119.01676	77	84.67	10	0.867	73	0	38.56	6.59	0.37	0.58	23.02	0.11	0.03	0.01	0.23	0.09	0.14	0.37	0.05	0.03	2.11	0.24	0.83	
California	Kern	60292012	35.331302	-119.00097	90	91	10	0.868	79	0	41.56	7.02	0.39	0.61	24.74	0.12	0.03	0.01	0.24	0.1	0.15	0.4	0.05	0.04	2.27	0.26	0.89	
California	Kern	60295002	35.23668	-118.78942	87	89.33	10	0.866	77	0	40.99	6.99	0.39	0.64	23.6	0.12	0.04	0.01	0.25	0.11	0.14	0.42	0.05	0.04	2.38	0.27	0.86	
California	Kern	60296001	35.503587	-119.2726	81	83	10	0.869	72	0	36.42	6.49	0.4	0.43	24.09	0.09	0.02	0.01	0.17	0.08	0.17	0.33	0.04	0.03	2	0.23	1.03	
California	Kings	60311004	36.314399	-119.64457	84	86	10	0.849	73	0	37.8	6.99	0.41	0.28	24.1	0.06	0.02	0	0.11	0.09	0.19	0.21	0.02	0.02	1.45	0.17	1.01	
California	Lake	60330001	39.0327	-122.92229	58	59.33	10	0.882	52	0	35.95	2.29	3.48	0.05	8.63	0.02	0	0	0.03	0	0.51	0.07	0	0	0.4	0.2	0.63	
California	Los Angeles	60370002	34.1365	-117.92391	88	79.33	10	0.944	74	0	21.24	3.24	0.36	0.73	40.23	0.32	0.04	0.02	0.37	0.13	0.1	0.56	0.12	0.12	4.13	0.27	2.85	
California	Los Angeles	60370016	34.14435	-117.85036	96	92.67	10	0.944	87	0	24.81	3.79	0.42	0.85	47	0.38	0.05	0.03	0.43	0.15	0.12	0.65	0.14	0.14	4.82	0.32	3.33	
California	Los Angeles	60370113	34.05111	-118.45636	70	64.67	10	0.927	59	0	15.56	2.91	0.27	0.51	32.53	0.17	0.07	0.02	0.25	0.04	0.11	0.58	0.07	0.06	3.2	0.39	3.12	
California	Los Angeles	60371002	34.17605	-118.31712	n/a	78.33	10	0.963	75	0	21.38	3.55	0.26	0.67	40.73	0.2	0.08	0.03	0.31	0.08	0.11	0.67	0.08	0.07	4.04	0.4	2.69	
California	Los Angeles	60371103	34.06659	-118.22588	71	64	10	0.99	63	0	16.06	2.91	0.34	0.74	35.16	0.29	0.07	0.03	0.38	0.08	0.11	0.57	0.13	0.11	3.42	0.36	2.54	
California	Los Angeles	60371201	34.19825	-118.53176	81	80	10	0.925	60	0	21.47	4.14	0.63	0.61	43.17	0.24	0.04	0.05	0.43	0.17	0.13	0.78	0.04	0.03	4.39	0.46	5.78	
California	Los Angeles	60371302	33.901389	-118.205	67	68	10	0.903	52	0	18.1	1.66	0.16	0.29	13.5	0.04	0.01	0.01	0.07	0.06	0.12	0.11	0.02	0.01	2.8	0.05	1.03	
California	Los Angeles	60371602	34.01194	-118.06995	76	68	10	1.03	70	0	19.29	2.79	0.35	0.71	37.98	0.27	0.07	0.07	0.37	0.03	0.1	0.13	0.48	0.12	0.1	3.36	0.35	3.5
California	Los Angeles	60371701	34.06703	-117.7514	90	84.33	10	0.956	80	0	20.91	3.57	0.41	0.77	44.25	0.36	0.06	0.03	0.41	0.13	0.12	0.72	0.13	0.13	4.68	0.36	3.54	
California	Los Angeles	60372005	34.1326	-118.1272	83	76.67	10	0.949	72	0	19.54	3.31	0.38	0.9	39.11	0.35	0.08	0.04	0.44	0.08	0.1	0.64	0.15	0.13	4.34	0.41	2.72	
California	Los Angeles	60374002	33.82376	-118.18921	n/a	58	10	0.889	51	0	16.84	1.75	0.22	0.39	23.05	0.07	0.01	0	0.1	0.07	0.13	0.11	0.05	0.03	2.97	0.07	5.65	
California	Los Angeles	60375005	33.9508	-118.43043	70	64	10	0.893	57	0	17.32	2.42	0.26	0.44	27.47	0.11	0.04	0.02	0.17	0.05	0.13	0.32	0.05	0.03	3.05	0.22	4.94	
California	Los Angeles	60376012	34.38344	-118.5284	96	97.33	10	0.896	87	0	27.44	4.86	0.32	0.7	42.73	0.22	0.07	0.02	0.35	0.08	0.13	0.9	0.08	0.07	5.24	0.47	3.46	
California	Los Angeles	60379033	34.671394	-118.13145	88	88.33	10	0.875	77	0	30.92	4.03	0.33	0.71	32.5	0.16	0.05	0.01	0.28	0.15	0.1	0.65	0.07	0.06	4.37	0.34	2.54	
California	Madera	60390004	36.867125	-120.01015	83	79.33	10	0.86	68	0	34.21	6.01	0.49	0.38	22.63	0.11	0.04	0.01	0.19	0.09	0.24	0.42	0.04	0.04	1.92	0.3	1.01	
California	Madera	60392010	36.953256	-120.0342	83	84.67	10	0.859	72	0	39.37	6.05	0.56	0.38	21.86	0.1	0.03	0.01	0.18	0.11	0.35	0.37	0.03	0.03	1.78	0.29	1.15	
California	Marin	60410001	37.97231	-122.52	61	53.33	3	0.872	46	0	23.47	2.22	1.42	0	16.42	0	0	0	0	0	0.65	0	0	0	0.11	0.23	1.89	
California	Mariposa	60430003	37.71325	-119.7062	74	73.33	10	0.941	72	0	58.1	2.2	2.41	0.27	7.79	0.05	0	0	0.09	0.08	0.14	0.08	0.11	0.02	0.76	0.1	0.5	
California	Mariposa	60430006	37.549928	-119.84459	75	77.33	10	0.865	66	0	40.96	4.3	0.6	0.2	18.19	0.01	0	0	0.06	0.12	0.38	0.06	0.01	0	0.73	0.12	1.03	
California	Mendocino	60450008	39.14566	-123.20298	51	49	5	0.923	45	0	34.4	1.83	2.75	0.06	4.07	0.03	0.01	0	0.04	0	0.53	0.12	0	0.01	0.57	0.26	0.46	
California	Merced	60470003	37.281598	-120.43499	82	81.67	10	0.857	70	0	39.27	4.41	0.45	0.21	22.07	0.06	0.02	0	0.1	0.05	0.35	0.23	0.02	0.02	1.21	0.22	1.22	
California	Monterey	60530002	36.495767	-121.73157	59	57	10	0.879	50	0	31.9	1.73	0.61	0.03	12.73	0	0	0	0	0	0.18	0.44	0.01	0	0	0.22	0.21	1.98
California	Monterey	60530008	36.209286	-121.12637	60	58.33	10	0.859	50	0	29.26	3.63	0.53	0.12	13.37	0.03	0.01	0	0.06	0.05	0.28	0.15	0.01	0.01	0.95	0.18	1.37	
California	Monterey	60531003	36.69676	-121.63718	55	52	10	0.857	44	0	23.28	2.08	0.48	0.04	15.36	0.01	0	0	0.02	0.09	0.38	0.05	0	0	0.38	0.24	2.05	
California	Napa	60550003	38.310949	-122.29618	62	60	10	0.848	50	0	25.56	2.86	1.3	0.02	18.6	0	0	0	0.01	0	0.53	0.03	0	0	0.2	0.15	1.44	
California	Nevada	60570005	39.234331	-121.05659	83	76.67	10	0.846	64	0	37.46	3.71	1.63	0.13	15.74	0.03	0.01	0.01	0.09	0.03	0.12	0.11	0.01	0.01	0.81	0.11	0.68	
California	Nevada																											

State	County	AQS ID	Latitude	Longitude	2016 Design Value (ppb)	2012 Base Design Value (ppb)	# of days used in the calculation of RRF	Relative Response Factor (RRF)	2023 Future Design Value (ppb)	Initial Condition (IC) Contribution (ppb)	Boundary Condition (BC) Contribution (ppb)	Bio Contribution (ppb)	Fire Contribution (ppb)	AZ Anthro Contribution (ppb)	CA Anthro Contribution (ppb)	CO Anthro Contribution (ppb)	KS Anthro Contribution (ppb)	NE Anthro Contribution (ppb)	NM Anthro Contribution (ppb)	NV Anthro Contribution (ppb)	OR Anthro Contribution (ppb)	TX Anthro Contribution (ppb)	UT Anthro Contribution (ppb)	WY Anthro Contribution (ppb)	Mexico & Canada Anthro Contribution (ppb)	Other US Anthro Contribution (ppb)	Ocean Anthro Contribution (ppb)	
California	San Mateo	60811001	37.482934	-122.20337	59	54	7	0.887	51	0	24.08	1.5	0.51	0.02	21.04	0.01	0	0	0.01	0.04	0.64	0.05	0	0	0	0.39	0.34	2.42
California	Santa Barbara	60830008	34.46231	-120.02551	61	57.33	10	0.885	50	0	30.92	2.43	0.22	0.73	10.37	0.25	0.02	0.02	0.28	0.25	0.13	0.17	0.11	0.51	0.18	1.33	0.27	2.86
California	Santa Barbara	60830011	34.42775	-119.69121	63	56.33	10	0.885	49	0	29.43	0.2	0.76	9.33	0.35	0.02	0.02	0.29	0.25	0.11	0.14	0.15	0.19	0.5	0.18	1.77	0.25	3.16
California	Santa Barbara	60831008	34.949147	-120.43769	54	50	4	0.88	44	0	28.38	2.54	0.42	1.24	9.88	0.08	0	0	0.06	0.21	0.11	0.03	0.39	0.07	0.44	0.1	0.97	
California	Santa Barbara	60831013	34.725538	-120.42877	62	62.33	2	0.859	53	0	26.75	3.13	0.28	0.14	14.67	0.24	0.01	0.01	0.35	0.46	0.12	0.19	0.98	0.19	2.9	0.24	1.81	
California	Santa Barbara	60831014	34.54166	-119.79146	64	65.67	10	0.907	59	0	41.29	2.92	0.27	0.8	9.52	0.26	0.03	0.02	0.33	0.27	0.11	0.28	0.53	0.21	1.68	0.31	0.64	
California	Santa Barbara	60831018	34.52744	-120.1965	60	55.67	9	0.888	49	0	30.27	2.12	0.16	0.56	9.96	0.17	0.01	0.01	0.19	0.25	0.12	0.08	0.46	0.15	1.55	0.2	3.09	
California	Santa Barbara	60831021	34.402773	-119.45845	63	65.67	10	0.87	57	0	30.68	2.85	0.23	0.66	13.51	0.26	0.03	0.02	0.3	0.2	0.17	0.29	0.47	0.21	2.07	0.36	4.72	
California	Santa Barbara	60831025	34.48974	-120.04692	67	65.67	10	0.885	58	0	34.39	2.78	0.26	0.84	11.88	0.28	0.03	0.02	0.32	0.31	0.15	0.19	0.59	0.21	2.21	0.31	3.28	
California	Santa Barbara	60832004	34.63782	-120.4575	56	53.67	3	0.848	45	0	20.65	2.56	0.83	0.62	12.41	0.13	0.01	0	0.19	0.34	0.3	0.1	0.53	0.11	1.96	0.34	4.37	
California	Santa Barbara	60832011	34.44551	-119.8284	63	56.33	10	0.883	49	0	29.13	2.11	0.19	0.71	10.49	0.23	0.02	0.01	0.27	0.25	0.12	0.14	0.49	0.18	1.75	0.25	3.32	
California	Santa Barbara	60833001	34.605819	-120.07506	62	58.33	10	0.886	51	0	31.46	2.88	0.25	0.75	10.76	0.21	0.03	0.02	0.28	0.29	0.11	0.2	0.46	0.17	1.98	0.27	1.49	
California	Santa Barbara	60834003	34.596095	-120.63128	60	59.67	2	0.864	51	0	26.88	1.96	1.2	0.02	9.29	0	0	0	0.25	0.67	0	0	0.02	0.01	0.46	0.68	10.06	
California	Santa Clara	60850002	36.999571	-121.57468	66	66.67	10	0.872	58	0	27.45	2.16	0.43	0.06	24.34	0.02	0.01	0	0.04	0	0.44	0.14	0.01	0.01	0.89	0.24	1.72	
California	Santa Clara	60850005	37.348497	-121.89489	63	59.67	10	0.961	57	0	26.4	1.6	0.41	0.03	26.26	0.01	0	0	0.02	0.07	0.41	0.05	0	0	0.28	0.19	1.6	
California	Santa Clara	60851001	37.226862	-121.97967	67	64	10	0.947	60	0	29.6	1.68	0.41	0.03	25.69	0.01	0	0	0.02	0.09	0.63	0.06	0	0	0.4	0.31	1.62	
California	Santa Clara	60852006	37.079379	-121.60003	70	70	10	0.9	63	0	29.51	2.06	0.42	0.07	27.35	0.03	0.01	0	0.04	0.04	0.41	0.14	0.01	0.01	0.96	0.26	1.6	
California	Santa Clara	60852009	37.318435	-122.06697	n/a	62	10	0.969	60	0	31.02	1.48	0.49	0.03	23.76	0.01	0	0	0.01	0.08	0.56	0.05	0	0	0.3	0.26	1.96	
California	Santa Cruz	60870007	36.983921	-121.98932	57	52.33	10	0.936	49	0	23.85	1.35	0.35	0.03	20.78	0.01	0	0	0.01	0.07	0.43	0.05	0	0	0.33	0.24	1.42	
California	Shasta	60890004	40.549985	-122.38201	70	58.67	10	0.914	53	0	40.34	2.42	1.9	0.08	6.94	0.02	0.01	0	0.04	0.02	0.5	0.1	0.01	0.01	0.66	0.23	0.37	
California	Shasta	60890007	40.452913	-122.29886	68	66.67	10	0.915	61	0	45.63	2.96	2.24	0.09	7.77	0.03	0.01	0	0.05	0.02	0.53	0.12	0.01	0.01	0.66	0.25	0.45	
California	Shasta	60890009	40.689253	-122.40219	n/a	60	10	0.915	60	0	40.89	2.45	1.8	0.09	35.43	0.03	0.01	0	0.09	0.03	0.33	0.09	0.01	0.01	0.62	0.27	0.33	
California	Shasta	60893003	40.53999	-121.57646	65	67.33	10	0.961	64	0	49.39	1.45	0.87	0.08	3.33	0.02	0	0	0.04	0.02	0.33	0.09	0.01	0.01	0.59	0.16	0.23	
California	Siskiyou	60932001	41.726897	-122.63357	59	61	2	0.94	51	0	40.33	2.16	7.66	0.11	1.85	0.05	0.02	0	0.06	0	2.66	0.17	0.01	0.01	0.89	1.04	0.16	
California	Solano	60950004	38.102507	-122.23797	63	58	10	0.903	52	0	23.6	2.41	0.99	0.01	22.75	0	0	0	0.01	0.06	0.55	0.03	0	0	0.19	0.19	1.49	
California	Solano	60950005	38.227066	-122.07562	64	65.33	10	0.858	57	0	26.95	3.11	1.35	0.02	22.04	0.01	0	0	0.01	0	0.64	0.04	0	0	0.24	0.15	1.45	
California	Solano	60953003	38.358365	-121.95	67	67.33	10	0.843	56	0	28.35	3.58	1.41	0.03	20.96	0.01	0	0	0.01	0	0.62	0.04	0	0	0.27	0.15	1.23	
California	Sonoma	60970003	38.443503	-122.71016	n/a	47	5	0.84	39	0	24.84	2.35	1.6	0.01	8.98	0	0	0	0	0	0.51	0	0	0	0.08	0.16	0.9	
California	Sonoma	60971003	38.654069	-122.90185	58	58	6	0.878	50	0	36.82	2.52	2.05	0.01	7.73	0	0	0	0	0	0.63	0.01	0	0	0.12	0.22	0.78	
California	Stanislaus	60990005	37.641583	-120.99462	81	76	10	0.862	65	0	33.08	3.48	0.71	0.06	25.58	0.02	0	0	0.03	0.03	0.48	0.09	0.01	0.01	0.51	0.2	1.19	
California	Stanislaus	60990006	37.487981	-120.837	83	86	10	0.864	74	0	38.5	3.85	0.67	0.1	28	0.03	0.01	0	0.05	0	0.54	0.12	0.01	0.01	0.7	0.2	1.43	
California	Sutter	61010003	39.138773	-121.61854	65	65.33	10	0.854	55	0	31.15	4.1	1.27	0.12	16.68	0.04	0.01	0	0.07	0.04	0.3	0.17	0.01	0.01	0.9	0.17	0.65	
California	Sutter	61010004	39.205572	-121.82036	75	73.67	10	0.87	64	0	39.2	4.45	2.22	0.07	15.98	0.02	0.01	0	0.04	0.04	0.45	0.1	0.01	0.01	0.64	0.16	0.65	
California	Tehama	61030004	40.262072	-122.09276	79	75	10	0.905	67	0	48.26	3.96	2.81	0.1	9.98	0.06	0.01	0	0.07	0.04	0.48	0.19	0.02	0.02	0.92	0.27	0.61	
California	Tulare	61070009	36.48847	-118.82915	89	93	10	0.86	80	0	48.34	6.69	0.36	0.33	21.26	0.06	0.01	0	0.1	0.13	0.19	0.09	0.23	0.07	1.02	0.12	0.92	
California	Tulare	61072002	36.332179	-119.29122	80	82.33	10	0.843	69	0	38	6.03	0.33	0.26	22.23	0.03	0.01	0	0.07	0.09	0.18	0.08	0.01	0.01	0.96	0.08	0.94	
California	Tulare	61072010	36.031831	-119.05501	83	86.33	10	0.844	72	0	40.1	6.6	0.3	0.24	23.11	0.02	0	0	0.06	0.09	0.2	0.06	0.01	0.01	0.85	0.07	1.03	
California	Tuolumne	61090005	37.981582	-120.37961	79	73	10	0.874	63	0	40.95	3.54	0.44	0.19	16.04	0.04	0.01	0	0.07	0.11	0.23	0.15	0.03	0.03	0.93	0.15	0.81	
California	Ventura	61110007	34.210154	-118.87049	69	69	10	0.839	57	0	19.18	3.23	0.45	0.46	26.57	0.13	0.05	0.02	0.21	0.05	0.12	0.44	0.05	0.04	2.89	0.32	3.54	
California	Ventura	61110009	34.404288	-118.80994	74	72.67	10	0.836	60	0	20	3.75	0.42	0.52	27.4	0.16	0.06	0.02	0.26	0.06	0.11	0.54	0.07	0.05	3.38	0.38	3.47	
California	Ventura	61111004	34.484948	-119.23132	74	76.33	10	0.842	64	0	26.75	3.91	0.35	1.23	20.76	0.48	0.06	0.04	0.59	0.24	0.14	0.47	0.54	0.24	3.82	0.44	4.16	
California	Ventura	61112002	34.776182	-118.68176	71	79.67	10	0.889	70	0	34.7	3.95	0.15	0.56	35.43	0.17	0.03	0.01	0.09	0.03	0.14	0.05	0.04	0.05	3.67	0.39	3.68	
California	Ventura	61113001	34.252378	-119.14317	63	59.67	10	0.859	63	0	17.96</																	

State	County	AQIS ID	2016 Design Value (ppb)	2012 Base Design Value (ppb)	# of days used in the calculation of RRF	Relative Response Factor (RRF)	2023 Future Design Value (ppb)	Initial Condition (IC) Contribution (ppb)	Boundary Condition (BC) Contribution (ppb)	Bio Contribution (ppb)	Fire Contribution (ppb)	AZ Anthro Contribution (ppb)	CA Anthro Contribution (ppb)	CO Anthro Contribution (ppb)	KS Anthro Contribution (ppb)	NE Anthro Contribution (ppb)	NM Anthro Contribution (ppb)	NV Anthro Contribution (ppb)	OR Anthro Contribution (ppb)	TX Anthro Contribution (ppb)	UT Anthro Contribution (ppb)	WY Anthro Contribution (ppb)	Mexico & Canada Anthro Contribution (ppb)	Other US Anthro Contribution (ppb)	Ocean Anthro Contribution (ppb)			
Florida	Baker	120030002	30.201111	-82.441111	59	61	7	0.836	51	0	9.35	3.88	0.07	0.07	0.11	0.07	0.05	0.01	0.01	0.53	0.03	0.07	0.65	19.46	2.02			
Florida	Bay	120050006	30.130433	-85.731517	57	62	10	0.863	57	0	9.28	4.07	0.04	0.05	0.07	0.08	0.07	0.01	0.01	0.24	0.03	0.05	0.99	24.72	13.26			
Florida	Brevard	120090007	28.053511	-80.628611	58	63	10	0.79	50	0	12.03	3.06	2.42	0.03	0.06	0.11	0.05	0.06	0.01	0.59	0.04	0.11	0.46	36.58	3.82			
Florida	Brevard	120094001	28.310841	-80.615321	61	64	10	0.792	50	0	11.41	2.89	2.05	0.02	0.06	0.09	0.12	0.06	0.05	0.01	0.01	0.53	0.04	1.0	18.69	4.11		
Florida	Broward	120110033	26.073536	-80.33845	59	58	7	0.806	47	0	11.09	2.99	1.24	0.01	0.04	0.09	0.15	0.08	0.05	0.01	0.02	0.86	0.02	1.12	58.25	4.33		
Florida	Broward	120112003	26.292025	-80.09647	n/a	59	10	0.832	48	0	13.14	2.62	0.76	0.01	0.02	0.06	0.09	0.05	0.03	0	0.01	0.45	0.01	0.07	4.41	25.16	5.88	
Florida	Broward	120118002	26.088421	-80.111193	62	59	67	0.84	50	0	11.67	2.77	0.76	0.01	0.03	0.07	0.12	0.06	0.03	0	0.01	0.67	0.01	0.09	0.39	26.18	7.18	
Florida	Collier	120210004	26.270083	-81.710959	57	59	33	0.776	46	0	9.7	2.89	1.33	0.01	0.01	0.01	0.03	0.02	0.01	0	0	0.56	0.01	0.02	0.34	27.23	3.84	
Florida	Columbia	120230002	30.178056	-82.619167	n/a	61	67	0.8	51	0	12.65	4.34	9.88	0.03	0.06	0.07	0.11	0.09	0.04	0.01	0.01	0.56	0.03	0.08	0.88	20.28	1.92	
Florida	Duval	120310077	30.477725	-81.587339	n/a	60	67	0.809	49	0	8.12	2.74	2.88	0.02	0.06	0.04	0.06	0.03	0.02	0.01	0	0.5	0.02	0.05	0.49	31.02	2.95	
Florida	Duval	120310100	30.260278	-81.453611	n/a	60	63	0.805	50	0	8.05	5.0	3.41	0.02	0.05	0.07	0.05	0.02	0.03	0.01	0	0.7	0.03	0.06	0.48	30.84	3.29	
Florida	Duval	120310106	30.378217	-81.8409	n/a	61	67	0.829	51	0	8.73	3.7	5.94	0.02	0.04	0.04	0.08	0.05	0.03	0	0.01	0.52	0.02	0.05	0.58	29.01	2.21	
Florida	Escambia	120330004	30.525367	-87.20355	64	67	10	0.79	53	0	6.92	3.74	1.19	0.02	0.05	0.06	0.1	0.05	0.03	0.01	0.01	1.42	0.02	0.02	0.05	0.37	32.95	6.37
Florida	Escambia	120330018	30.36805	-87.270967	64	70	67	0.838	59	0	8.96	3.62	1.29	0.02	0.04	0.06	0.15	0.08	0.04	0.01	0.01	2.17	0.02	0.07	0.51	30.6	11.48	
Florida	Flagler	120350004	29.489083	-81.276833	60	63	10	0.814	51	0	11.17	3.23	1.11	0.01	0.07	0.05	0.1	0.05	0.03	0.01	0.01	0.52	0.02	0.06	0.66	21.17	3.06	
Florida	Highlands	120550003	27.189215	-81.34035	60	62	33	0.819	51	0	14.9	3.66	6.85	0	0.03	0.02	0.06	0.06	0.03	0	0	0.17	0.01	0.03	0.72	22.33	2.11	
Florida	Hillsborough	120570081	27.740033	-82.465146	68	70	67	0.802	56	0	14.78	2.64	1.36	0.02	0.04	0.04	0.03	0.03	0.02	0	0	0.14	0.02	0.05	0.59	34.4	2.43	
Florida	Hillsborough	120571035	27.928356	-82.454539	66	66	67	0.815	54	0	14.85	2.53	1.25	0.02	0.04	0.04	0.05	0.03	0.03	0.01	0	0.22	0.03	0.05	0.51	32.31	2.27	
Florida	Hillsborough	120571065	27.892523	-82.538429	66	68	67	0.801	55	0	14.23	2.6	1.07	0.02	0.04	0.04	0.05	0.03	0.03	0	0	0.29	0.02	0.03	0.48	33.01	2.94	
Florida	Hillsborough	120573002	27.96565	-82.72304	66	71	5	0.792	56	0	15.17	2.71	1.51	0.02	0.04	0.03	0.02	0.02	0.03	0	0	0.07	0.02	0.04	0.88	34.08	2.37	
Florida	Holmes	120590004	30.848611	-85.603889	61	68	10	0.8	49	0	12.98	4.62	0.19	0.01	0.05	0.05	0.07	0.05	0.02	0.01	0.01	0.47	0.02	0.05	0.32	25.12	4.01	
Florida	Indian River	120630004	28.784822	-80.418811	61	63	10	0.814	50	0	12.81	3.07	1.52	0.02	0.04	0.06	0.04	0.03	0.01	0.01	0.01	0.54	0.05	0.32	28.32	5.43		
Florida	Leakee	120690002	28.523889	-81.723333	63	65	10	0.76	49	0	12.79	3.25	2.12	0.01	0.02	0.02	0.04	0.02	0.02	0	0	0.46	0.01	0.02	0.73	27.28	2.77	
Florida	Lee	120712002	26.548212	-81.981523	60	64	10	0.773	49	0	11.83	3.13	1.15	0.01	0.02	0.02	0.02	0.02	0.02	0	0	0.37	0.01	0.02	0.51	28.46	3.85	
Florida	Lee	120713002	26.449247	-81.939256	59	61	10	0.767	46	0	10.67	3.13	1.07	0.01	0.02	0.02	0.04	0.02	0.02	0	0	0.43	0.01	0.02	0.47	27	3.75	
Florida	Leon	120730012	30.439722	-84.346389	60	64	33	0.805	51	0	11.34	3.01	10.29	0.02	0.05	0.06	0.07	0.04	0.04	0.01	0.01	0.81	0.02	0.05	0.54	21.9	3.44	
Florida	Leon	120730013	30.484444	-84.199444	n/a	63	67	0.788	50	0	10.69	3.3	7.48	0.02	0.05	0.06	0.07	0.04	0.03	0.01	0	0.59	0.02	0.06	0.45	23.62	3.58	
Florida	Liberty	120779991	30.1103	-84.9903	56	58	10	0.862	50	0	9.68	3.24	9.59	0.02	0.04	0.04	0.07	0.05	0.04	0	0	0.96	0.01	0.03	0.72	18.21	7.19	
Florida	Manatee	120813002	27.633089	-82.54593	59	63	5	0.78	49	0	11.77	2.35	1.09	0.03	0.03	0.03	0.03	0.02	0.04	0	0	0.19	0.02	0.03	0.49	30.51	2.82	
Florida	Manatee	120814012	27.480873	-82.618709	n/a	61	66	0.773	51	0	11.43	2.56	0.96	0.02	0.03	0.03	0.03	0.02	0.03	0	0	0.32	0.01	0.02	0.48	31.75	3.49	
Florida	Marion	120830003	29.170533	-82.100646	61	66	10	0.772	51	0	13.29	3.51	5.42	0.01	0.02	0.01	0.05	0.03	0.02	0	0	0.22	0	0.02	0.67	25	2.62	
Florida	Marion	120830004	29.192754	-82.173149	58	61	10	0.777	47	0	11.91	3.97	3.28	0.02	0.02	0.02	0.05	0.03	0.03	0	0	0.42	0.01	0.02	0.76	23.63	2.71	
Florida	Miami-Dade	120860027	25.732878	-80.16175	62	63	4	0.829	52	0	11.06	2.95	1.28	0.01	0.04	0.08	0.15	0.07	0.04	0	0.01	0.98	0.02	0.1	0.63	28.1	6.6	
Florida	Miami-Dade	120860029	25.587327	-80.325922	61	63	33	0.832	52	0	10.86	2.84	1.21	0.01	0.04	0.08	0.14	0.07	0.04	0	0.01	0.99	0.02	0.1	0.61	28.4	7.21	
Florida	Okaloosa	120910002	30.426533	-86.666217	62	65	10	0.853	55	0	9.47	3.42	2.27	0.03	0.05	0.08	0.13	0.07	0.06	0.01	0.01	2.27	0.03	0.06	0.62	25.28	11.54	
Florida	Orange	120950008	28.45445	-81.381181	62	69	10	0.787	54	0	14.01	3.01	2.14	0.04	0.08	0.06	0.06	0.03	0.05	0.01	0	0.58	0.06	0.08	0.74	31.08	2.16	
Florida	Orange	120952002	28.596389	-81.3625	62	70	10	0.813	56	0	18.22	3.03	2.43	0.04	0.08	0.06	0.06	0.04	0.05	0.01	0.01	0.53	0.04	0.07	0.93	28.96	2.26	
Florida	Osceola	120972002	28.347509	-81.636464	63	65	33	0.785	51	0	13.71	3.23	2.67	0.02	0.03	0.02	0.04	0.03	0.03	0	0	0.49	0.01	0.03	0.81	27.35	2.46	
Florida	Palm Beach	120990009	26.730833	-80.233889	n/a	62	63	0.791	49	0.01	12.78	3.01	1.77	0.02	0.03	0.06	0.07	0.04	0.04	0	0	0.4	0.02	0.06	0.46	25.64	4.8	
Florida	Palm Beach	120990020	26.59123	-80.060867	n/a	61	65	0.814	50	0	12.2	2.52	1.05	0.01	0.03	0.04	0.06	0.04	0.04	0	0	0.34	0.01	0.05	0.36	27.62	5.65	
Florida	Pasco	121010005	28.332225	-82.305643	61	65	33	0.784	51	0	13.42	3.09	4.46	0.01	0.02	0.02	0.04	0.03	0.02	0	0	0.21	0.01	0.03	0.31	27.88	2.93	
Florida	Pinellas	121012001	28.195574	-82.756164	62	66	33	0.814	50	0	12.10	2.71	0.94	0.01	0.02	0.02	0.04	0.03	0.02	0	0	0.2	0.01	0.03	0.28	28.33	3.48	
Florida	Pinellas	121030004	27.946688	-82.731767	61	65	10	0.773	51	0	12.37	2.96	0.94	0.02	0.03	0.03	0.05	0.03	0.04	0	0	0.01	0.03	0.06	0.56	30.09	3.48	
Florida	Pinellas	121030010	27.785866	-82.739875	61	65	33	0.777	50	0	11.57	3.02	0.89	0.03	0.02	0.03	0.05	0.03	0.04	0	0	0.33	0.01	0.02	0.64	30.23	3.74	
Florida	Pinellas	121035002	28.090299	-82.700707	59	64	33	0.762	49	0	12.86	2.64	0.89	0.03	0.01	0.02	0.03	0.03	0.02	0	0	0.19	0.01	0.02	0.34	28.29	3.61	
Florida	Polk	121056005	27.939746	-82.000084	63	67	33	0.784	52	0	12.43	2.87	2.36	0.02	0.03	0.02	0.01	0.01	0.01	0	0	0.04	0.02	0.03	0.32	32.35	2.21	
Florida	Polk	121056006	28.028889	-81.972222	62	67	33	0.782	52	0	12.74	2.6	2.07	0.01	0.02	0.01	0	0	0.01	0	0	0.02	0.01	0.03	0.31	32.44	2.32	
Florida	Santa Rosa	121130015	30.394133	-87.008033	64	69	33	0.843	58	0	8.79	3.84	1.16	0.02	0.05	0.07</												

State	County	AQS ID	Latitude	Longitude	2016 Design Value (ppb)	2012 Base Design Value (ppb)	# of days used in the calculation of RRF	Relative Response Factor (RRF)	2023 Future Design Value (ppb)	Initial Contribution (ppb)	Boundary Condition (BC) Contribution (ppb)	Bio Contribution (ppb)	Fire Contribution (ppb)	AZ Anthro Contribution (ppb)	CA Anthro Contribution (ppb)	CO Anthro Contribution (ppb)	KS Anthro Contribution (ppb)	NE Anthro Contribution (ppb)	NM Anthro Contribution (ppb)	NV Anthro Contribution (ppb)	OR Anthro Contribution (ppb)	TX Anthro Contribution (ppb)	UT Anthro Contribution (ppb)	WY Anthro Contribution (ppb)	Mexico & Canada Anthro Contribution (ppb)	Other US Anthro Contribution (ppb)	Ocean Anthro Contribution (ppb)	
Illinois	Kane	170890005	42.049148	-88.273029	68	69.33	10	0.857	59	0	15.48	6.26	0.75	0.02	0.08	0.11	0.08	0.39	0.23	0.03	0.01	0.04	1.39	0.04	0.12	1.24	32.94	0.25
Illinois	Lake	170871007	42.067573	-87.920477	73	80.33	10	0.822	66	0	12.68	7.78	1.04	0.64	0.03	0.11	0.11	0.74	0.23	0.08	0.02	0.04	1.17	0.04	0.11	1.06	40.76	0.38
Illinois	Macoupin	171150013	39.866834	-88.925594	65	66	10	0.852	60	0	16.91	1.05	0.06	0.24	0.15	0.15	0.14	0.07	0.14	0.07	0.04	0.03	2.76	0.09	0.17	1.34	26.8	0.48
Illinois	Macoupin	171170002	39.396075	-89.809739	64	70.33	10	0.826	58	0	16.9	7.14	0.91	0.03	0.12	0.11	0.29	0.06	0.06	0.02	0.02	0.02	2.86	0.05	0.1	1.53	27.73	0.81
Illinois	Madison	171190008	38.890186	-90.148031	71	77.67	10	0.842	65	0	17.33	7.14	1.31	0.04	0.19	0.14	0.35	0.02	0.06	0.03	0.03	2.87	0.07	0.2	1.53	33.33	0.44	
Illinois	Madison	171191009	38.726573	-89.959963	67	78.33	10	0.864	67	0	18.66	7.68	1.98	0.06	0.25	0.19	0.52	0.31	0.08	0.04	0.05	2.27	0.1	0.26	1.77	32.98	0.42	
Illinois	Madison	171193007	38.860669	-90.105851	71	77.67	10	0.842	65	0	17.33	7.14	1.31	0.04	0.19	0.14	0.35	0.02	0.06	0.03	0.03	2.87	0.07	0.2	1.53	33.33	0.44	
Illinois	Madison	171199991	38.869001	-89.622162	67	75	10	0.823	61	0	16.11	7.66	1.63	0.08	0.3	0.23	0.43	0.28	0.1	0.05	0.04	3.68	0.12	0.28	1.42	28.5	0.76	
Illinois	McHenry	171110001	42.221442	-88.242207	68	70.33	10	0.849	59	0	16.42	6.35	0.78	0.02	0.09	0.1	0.41	0.1	0.04	0.02	0.04	1.18	0.04	0.12	1.3	32.22	0.19	
Illinois	McLean	171132003	40.518735	-89.996896	64	71.33	10	0.855	61	0	16.3	10.1	0.95	0.09	0.22	0.22	1.33	0.36	0.12	0.04	0.04	2.46	0.11	0.19	1.76	26.26	0.37	
Illinois	Peoria	171430024	40.68742	-89.606943	64	62.67	10	0.866	54	0	12.99	7.8	1.07	0.04	0.17	0.12	0.87	0.22	0.06	0.03	0.04	1.74	0.05	0.13	1	27.59	0.31	
Illinois	Peoria	171431001	40.745504	-89.585689	n/a	70.67	10	0.866	61	0	14.65	8.8	1.21	0.04	0.19	0.13	0.98	0.25	0.06	0.03	0.04	1.97	0.06	0.15	1.12	31.11	0.35	
Illinois	Randolph	171570001	38.176278	-89.788459	67	70.67	10	0.847	59	0	15.83	8.06	0.91	0.04	0.17	0.13	0.43	0.2	0.05	0.03	0.03	2.32	0.07	0.16	1.37	29.26	0.69	
Illinois	Rock Island	171613002	41.514727	-90.51735	62	60.33	10	0.868	52	0	16.68	8.19	1.02	0.07	0.2	0.2	1	0.54	0.11	0.04	0.04	1.56	0.09	0.19	1.4	20.73	0.17	
Illinois	Saint Clair	171630010	38.612034	-90.160477	68	74.67	10	0.856	63	0	14.8	7.27	1.52	0.05	0.16	0.16	0.52	0.26	0.07	0.03	0.03	1.77	0.08	0.2	1.51	35.01	0.42	
Illinois	Sangamon	171670014	39.831522	-89.640926	63	68.5	10	0.847	58	0	15.57	7.81	0.85	0.04	0.18	0.08	0.9	0.06	0.05	0.03	0.01	2.54	0.06	0.11	1.1	27.87	0.7	
Illinois	Will	171971011	41.221537	-88.190967	64	64.67	10	0.848	58	0	16.8	7.25	0.92	0.05	0.17	0.16	0.57	0.3	0.08	0.03	0.05	1.18	0.07	0.16	1.73	25.76	0.14	
Illinois	Winnebago	172012001	42.334982	-89.037775	68	68.33	10	0.851	58	0	18.05	8.61	0.8	0.06	0.14	0.15	0.87	0.47	0.1	0.02	0.03	1.96	0.07	0.17	1.18	25.13	0.31	
Indiana	Allen	180030002	41.221418	-85.016821	63	68.67	10	0.842	57	0	18.51	6.56	1.84	0.04	0.08	0.09	0.5	0.18	0.06	0.01	0.02	0.82	0.04	0.08	1.43	27.34	0.13	
Indiana	Allen	180030004	41.094965	-85.201816	63	68.67	10	0.844	58	0	18.64	6.62	1.84	0.04	0.08	0.1	0.48	0.18	0.04	0.01	0.02	0.86	0.04	0.08	1.43	27.28	0.14	
Indiana	Boone	180110001	39.997732	-86.395394	66	72.67	10	0.842	61	0	19.2	6.13	1.76	0.02	0.07	0.07	0.23	0.13	0.06	0.01	0.02	0.88	0.02	0.08	1.25	31.03	0.17	
Indiana	Carroll	180100001	40.540455	-86.395394	63	69.33	10	0.849	58	0	18.64	6.62	1.84	0.04	0.08	0.1	0.48	0.18	0.04	0.01	0.02	0.86	0.04	0.08	1.43	27.28	0.14	
Indiana	Clark	180190008	38.393827	-85.664118	70	77	10	0.821	63	0	14.91	8.87	1.06	0.03	0.11	0.09	0.38	0.13	0.04	0.02	0.02	0.85	0.06	0.12	7.32	28.77	0.60	
Indiana	Delaware	180350010	40.300015	-85.245367	59	67	10	0.874	57	0	13.37	7.97	1.8	0.07	0.15	0.16	0.73	0.26	0.1	0.02	0.02	1.54	0.07	0.13	1.1	27.23	0.41	
Indiana	Elkhart	180390007	41.71805	-85.83055	61	66	10	0.832	54	0	14.26	7.15	1.79	0.05	0.12	0.14	0.77	0.41	0.09	0.02	0.02	1.18	0.07	0.14	1.06	27.4	0.16	
Indiana	Floyd	180431004	38.308056	-85.834167	69	77	10	0.825	63	0	15.54	6.64	1.03	0.04	0.12	0.11	0.54	0.15	0.05	0.02	0.02	0.95	0.06	0.12	1.89	36	0.19	
Indiana	Greene	180550001	38.985578	-86.99012	66	75	10	0.855	64	0	20.39	7.39	1.06	0.04	0.13	0.09	0.56	0.17	0.05	0.02	0.02	1.09	0.04	0.11	2.06	30.67	0.15	
Indiana	Hamilton	180570006	40.068297	-85.992451	63	69	10	0.833	57	0	15.5	6.45	1.76	0.04	0.12	0.1	0.49	0.12	0.06	0.02	0.01	1.34	0.05	0.1	1.01	29.82	0.38	
Indiana	Hancock	180590003	39.935041	-85.840471	n/a	63.33	10	0.835	52	0	12.9	7.03	1.66	0.06	0.15	0.14	0.65	0.25	0.09	0.02	0.02	1.51	0.06	0.12	0.94	26.87	0.35	
Indiana	Hendricks	180630004	39.759003	-86.397124	60	64.67	10	0.852	55	0	18.79	5.1	1.93	0.01	0.04	0.04	0.18	0.11	0.02	0	0.01	0.46	0.01	0.06	1.22	27.55	0.13	
Indiana	Huntington	180690002	40.96071	-85.379842	58	63.67	10	0.832	53	0	15.06	6.2	0.88	0.04	0.07	0.09	0.43	0.18	0.05	0.01	0.01	0.8	0.04	0.06	1.06	27.62	0.32	
Indiana	Jackson	180710001	38.920844	-86.080489	66	65.33	10	0.845	55	0	16.93	6.26	1.14	0.03	0.11	0.07	0.25	0.11	0.03	0.02	0.02	0.51	0.05	0.09	1.87	27.56	0.1	
Indiana	Johnson	180810002	39.417243	-86.152363	60	67.33	10	0.831	55	0	15.17	8.43	1.01	0.05	0.13	0.13	0.84	0.27	0.07	0.02	0.01	1.45	0.07	0.11	1.36	26.46	0.26	
Indiana	Knox	180839991	38.7408	-87.4853	65	70.5	10	0.862	60	0	18.87	6.41	1.89	0.03	0.14	0.08	0.41	0.12	0.04	0.02	0.02	0.96	0.05	0.11	1.8	30.53	0.2	
Indiana	Lake	180890022	41.60668	-87.304729	67	69	10	0.838	57	0	9	9	6.39	0.81	0.03	0.09	0.09	0.6	0.3	0.06	0.01	0.02	0.97	0.04	0.08	0.88	37.2	0.28
Indiana	Lake	180890030	41.6814	-87.494734	n/a	65	70.67	10	0.851	60	0	11.5	6.52	0.94	0.04	0.11	0.11	0.59	0.31	0.07	0.01	0.02	1.11	0.04	0.11	1.11	37.29	0.18
Indiana	Lake	180892008	41.63946	-87.493623	65	72	10	0.851	61	0	11.71	6.65	0.96	0.04	0.11	0.11	0.6	0.31	0.07	0.02	0.02	1.13	0.04	0.11	1.13	37.99	0.18	
Indiana	LaPorte	180910005	41.717762	-86.907786	n/a	81.67	10	0.832	67	0	11.75	7.32	0.98	0.05	0.13	0.14	0.7	0.37	0.08	0.02	0.02	1.06	0.06	0.13	1.01	43.74	0.28	
Indiana	LaPorte	180910010	41.629098	-86.684615	63	70.33	10	0.827	58	0	10.67	6.65	0.8	0.04	0.11	0.12	0.65	0.38	0.08	0.02	0.02	1.06	0.05	0.12	0.97	36.74	0.2	
Indiana	Madison	180950010	40.002547	-85.656937	57	67.33	10	0.833	55	0	13.79	7.79	1.77	0.07	0.16	0.15	0.7	0.27	0.1	0.02	0.02	1.59	0.07	0.13	1.05	27.78	0.36	
Indiana	Marion	180970050	39.858922	-86.021317	69	70	10	0.844	59	0	16.49	6.92	1.82	0.07	0.16	0.14	0.63	0.27	0.1	0.02	0.02	1.48	0.07	0.14	1.14	29.26	0.29	
Indiana	Marion	180970057	39.749159	-86.186314	65	69.33	10	0.844	59	0	16.49	6.92	1.82	0.07	0.16	0.14	0.63	0.27	0.1	0.02	0.02	1.48	0.07	0.14	1.14	29.26	0.29	
Indiana	Marion	180970073	39.789486	-86.06058	65	72.67	10	0.854	62	0	19.73	6.6	2.27	0.06	0.15	0.13	0.5	0.25	0.09	0.02	0.02	1.22	0.06	0.13	1.32	29.52	0.42	
Indiana	Marion	180970078	39.811097	-86.114669	n/a	71	10	0.864	61	0	20.14	5.94	2.16	0.04	0.12	0.09	0.33	0.14	0.05	0.02	0.02	0.87	0.05	0.12	1.36	29.58	0.25	
Indiana	Morgan	181090005	39.575634	-86.477893	64	68.67	10	0.858	58	0	19.32	6.96	1.82	0.04	0.09	0.09	0.56	0.19	0.06	0.01	0.01	1.17	0.04	0.08	1.35	26.78	0.27	
Indiana	Perry	181230009	38.113159	-86.603594	67	72.67	10	0.852	61	0	14.58	7.36	0.97	0.06	0.19	0.15	0.52	0.18	0.07	0.03	0.02	1.13	0.09	0.17	1.31	34.85	0.19	
Indiana	Port																											

State	County	AQIS ID	Latitude	Longitude	2016 Design Value (ppb)	2012 Base Design Value (ppb)	# of days used in the calculation of RRF	Relative Response Factor (RRF)	2023 Future Design Value (ppb)	Initial Condition (IC) Contribution (ppb)	Boundary Condition (BC) Contribution (ppb)	Bio Contribution (ppb)	Fire Contribution (ppb)	AZ Anthro Contribution (ppb)	CA Anthro Contribution (ppb)	CO Anthro Contribution (ppb)	KS Anthro Contribution (ppb)	NE Anthro Contribution (ppb)	NM Anthro Contribution (ppb)	NV Anthro Contribution (ppb)	OR Anthro Contribution (ppb)	TX Anthro Contribution (ppb)	UT Anthro Contribution (ppb)	WY Anthro Contribution (ppb)	Mexico & Canada Anthro Contribution (ppb)	Other US Anthro Contribution (ppb)	Ocean Anthro Contribution (ppb)
Kentucky	Jefferson	211110027	38.13794	-85.57648	69	76	10	0.829	63	0	15.03	6.62	1.1	0.12	0.12	0.12	0.54	0.14	0.06	0.02	0.01	1.19	0.07	0.13	1.34	36.13	0.3
Kentucky	Jefferson	211110051	38.06691	-85.89804	69	79	10	0.829	65	0	15.02	6.75	0.94	0.03	0.11	0.08	0.33	0.11	0.06	0.02	0.01	0.76	0.05	0.11	1.83	38.82	0.24
Kentucky	Jefferson	211110063	38.22876	-85.65452	70	85	10	0.829	70	0	16.59	7.21	1.12	0.04	0.13	0.12	0.57	0.16	0.05	0.02	0.03	0.07	0.13	7.05	40.37	0.21	
Kentucky	Jessamine	211130001	37.89147	-84.58825	65	69.67	10	0.821	57	0	13.76	7.55	1.03	0.04	0.13	0.11	0.42	0.16	0.05	0.02	0.02	1.01	0.05	0.12	1.69	30.79	0.2
Kentucky	Livingston	211390003	37.155392	-88.394024	65	73.67	10	0.828	67	0	18.24	8.09	0.98	0.04	0.24	0.12	0.31	0.19	0.05	0.04	0.03	1.6	0.08	0.19	1.25	30.48	0.44
Kentucky	McCracken	211451024	37.05822	-88.57251	63	74.33	10	0.865	64	0	18.01	7.61	0.96	0.04	0.16	0.12	0.33	0.15	0.05	0.03	0.02	1.66	0.07	0.16	1.5	32.95	0.4
Kentucky	Morgan	211759991	37.9214	-83.0662	64	64	10	0.841	53	0	15.46	6.27	0.71	0.07	0.16	0.18	0.41	0.18	0.1	0.02	0.02	0.94	0.08	0.14	2.01	26.83	0.17
Kentucky	Oldham	211850004	38.4002	-85.44428	70	80.67	10	0.818	66	0	16.16	7.15	1.1	0.05	0.15	0.12	0.48	0.16	0.06	0.02	0.02	1.09	0.07	0.13	1.48	37.31	0.34
Kentucky	Perry	211930003	37.28329	-83.20932	58	64.67	10	0.891	57	0	12.68	5.34	1.87	0.04	0.1	0.1	0.23	0.1	0.06	0.02	0.02	0.59	0.04	0.09	1.08	34.72	0.49
Kentucky	Pike	211950002	37.4826	-82.53532	60	64.33	10	0.923	59	0	11.08	5.28	0.86	0.05	0.15	0.13	0.34	0.12	0.07	0.02	0.02	0.9	0.07	0.12	0.91	38.8	0.39
Kentucky	Pulaski	211990003	37.09798	-84.61152	62	67.33	10	0.8	53	0	13.86	6.98	0.96	0.05	0.16	0.14	0.41	0.11	0.07	0.02	0.01	1.37	0.07	0.14	1.19	27.78	0.47
Kentucky	Simpson	212130004	36.708607	-86.566284	64	67.33	10	0.8	53	0	11.91	7.4	0.71	0.03	0.11	0.09	0.39	0.1	0.05	0.02	0.01	1.12	0.05	0.1	1.05	30.22	0.44
Kentucky	Trigg	212219991	36.7841	-87.8499	63	69	10	0.822	56	0	16.13	7.13	0.94	0.03	0.16	0.08	0.24	0.08	0.04	0.03	0.01	1.39	0.05	0.12	0.96	28.74	0.53
Kentucky	Washington	212299991	37.7046	-85.0485	64	68.5	10	0.827	56	0	14.63	7.42	0.75	0.05	0.12	0.11	0.41	0.12	0.06	0.02	0.02	0.91	0.06	0.11	1.74	29.69	0.35
Louisiana	Ascension	220050004	30.229653	-90.965628	71	71.33	10	0.872	62	0	8.06	3.68	1.25	0.01	0.05	0.06	0.13	0.05	0.03	0.01	0	1.79	0.03	0.05	0.35	41.23	5.68
Louisiana	Bossier	220150008	32.536273	-93.74894	65	73.33	10	0.889	65	0	11.85	4.49	1.76	0.02	0.09	0.09	0.28	0.17	0.04	0.02	0.02	9.34	0.04	0.12	0.5	32.82	3.51
Louisiana	Caddo	220170001	32.68836	-93.861582	64	72.33	10	0.895	64	0	12.6	4.02	1.53	0.03	0.09	0.09	0.2	0.09	0.05	0.02	0.02	9.69	0.04	0.13	0.51	28.83	3.09
Louisiana	Calcasieu	220190002	30.140265	-93.368448	68	70.67	10	0.898	63	0	9.07	4.52	2.34	0.02	0.06	0.13	0.24	0.1	0.09	0.01	0.01	5.22	0.04	0.15	0.65	34.7	6
Louisiana	Calcasieu	220190008	30.262604	-93.285084	n/a	66.67	10	0.894	59	0	9.9	4.29	2.52	0.02	0.06	0.14	0.23	0.1	0.08	0.01	0.01	4.5	0.04	0.15	0.66	32.91	3.88
Louisiana	Calcasieu	220190009	30.227798	-93.579965	64	70	10	0.892	62	0	9.53	4.12	6.21	0.02	0.06	0.13	0.2	0.08	0.06	0.01	0.01	5.34	0.04	0.11	0.51	29.47	6.49
Louisiana	East Baton Rouge	220330003	30.419805	-91.182016	72	75.33	10	0.872	65	0	11.27	4.05	1.45	0.02	0.07	0.11	0.19	0.11	0.04	0.01	0.01	1.55	0.04	0.12	0.51	40.66	5.59
Louisiana	East Baton Rouge	220330009	30.461391	-91.32919	66	72.33	10	0.873	63	0	9.57	3.77	1.53	0.01	0.09	0.17	0.17	0.03	0.01	0.01	0.01	1.12	0.01	0.44	0.49	28.59	2.31
Louisiana	East Baton Rouge	220330012	30.700895	-91.056068	n/a	69	10	0.878	60	0	8.7	3.74	1.16	0.01	0.06	0.07	0.14	0.07	0.03	0.01	0.01	1.61	0.03	0.07	0.36	38.97	5.48
Louisiana	Iberville	220470009	30.21255	-91.315418	n/a	70.33	10	0.87	61	0	9.18	4.04	1.66	0.02	0.06	0.11	0.18	0.09	0.05	0.01	0.01	1.6	0.04	0.1	0.51	37.7	5.79
Louisiana	Iberville	220470012	30.204051	-91.117384	n/a	73.33	10	0.897	65	0	8.85	4.12	0.97	0.02	0.05	0.1	0.2	0.1	0.04	0.01	0.01	2.01	0.03	0.08	0.5	41.69	4.9
Louisiana	Jefferson	220511001	30.041238	-90.272826	68	71.33	10	0.882	62	0	10.88	3.07	1.8	0.01	0.05	0.08	0.12	0.05	0.03	0.01	0.01	1.84	0.03	0.07	0.36	40.46	5.98
Louisiana	Lafayette	220550007	30.22611	-92.042908	66	69.67	10	0.87	60	0	12.49	4.96	1.69	0.02	0.05	0.14	0.24	0.14	0.06	0.01	0.02	2.13	0.04	0.13	0.75	33.11	4.58
Louisiana	Lafourche	220570004	29.764098	-90.765275	65	71	10	0.876	62	0	12.02	3.79	1.27	0.01	0.05	0.08	0.13	0.08	0.03	0.01	0.01	0.46	0.03	0.07	0.48	37.94	5.63
Louisiana	Livingston	220630002	30.315406	-90.811383	70	72.33	10	0.857	62	0	8.34	3.62	1.18	0.01	0.05	0.06	0.13	0.05	0.03	0.01	0.01	1.73	0.02	0.06	0.38	40.8	5.41
Louisiana	Orleans	220710012	29.993519	-90.10155	n/a	68.33	10	0.876	59	0	8.44	2.93	1.37	0.01	0.05	0.07	0.11	0.05	0.03	0.01	0.01	1.74	0.03	0.06	0.35	38.49	6.03
Louisiana	Ouachita	220730004	32.509959	-92.046196	n/a	61	10	0.877	53	0	11.59	4.93	1.67	0.02	0.08	0.1	0.22	0.13	0.05	0.01	0.01	3.57	0.04	0.11	0.65	27.85	2.4
Louisiana	Pointe Coupee	220770001	30.681718	-91.366247	68	74	10	0.863	61	0	8.66	4.24	1.48	0.01	0.06	0.08	0.13	0.07	0.04	0.01	0.01	2.15	0.03	0.08	0.43	40.04	6.27
Louisiana	St. Bernard	220870004	29.939614	-89.92383	66	68	10	0.875	59	0	7.52	2.9	2.08	0.02	0.06	0.07	0.12	0.06	0.04	0.01	0.01	1.71	0.03	0.07	0.33	38.47	5.9
Louisiana	St. Charles	220890003	29.984371	-90.410638	n/a	67.67	10	0.88	59	0	8.5	2.96	1.72	0.01	0.05	0.07	0.11	0.05	0.03	0.01	0.01	1.76	0.03	0.06	0.35	38.04	5.69
Louisiana	St. James	220930002	29.99497	-90.817415	65	66.33	10	0.886	58	0	9.42	3.73	0.88	0.01	0.04	0.07	0.13	0.07	0.03	0.01	0.01	1.98	0.02	0.06	0.42	36.74	5.07
Louisiana	St. John the Baptist	220950002	30.057515	-90.619286	66	72	10	0.88	63	0	11.62	3.6	1.18	0.01	0.05	0.08	0.13	0.08	0.02	0.01	0.01	0.96	0.03	0.08	0.44	39.23	5.72
Louisiana	St. Tammany	221030002	30.429381	-90.199678	68	72.33	10	0.873	63	0	9.96	3.1	1.09	0.02	0.06	0.12	0.15	0.07	0.03	0.01	0.01	1	0.03	0.13	0.37	39.03	7.89
Louisiana	West Baton Rouge	221210001	30.500642	-91.213556	66	68	10	0.879	59	0	9	3.54	1.43	0.01	0.06	0.08	0.16	0.09	0.04	0.01	0.01	1.52	0.03	0.1	0.41	37.97	5.22
Maine	Androscoggin	230010014	43.974622	-70.124608	60	60.67	10	0.786	47	0	10.16	2.73	0.39	0	0.02	0.02	0.04	0	0	0	0	0.1	0.01	0.03	2.09	29.77	2.18
Maine	Aroostook	230031100	46.696431	-68.039006	n/a	53	1	0.782	39	0	8.26	3.85	1.01	0.01	0.08	0.03	0.06	0.18	0.01	0.02	0.03	0.16	0.03	0.11	2.37	20.86	2.5
Maine	Aroostook	230039991	46.696431	-68.4135	52	53	1	0.783	41	0	8.4	3.96	1.04	0.01	0.08	0.03	0.06	0.18	0.01	0.02	0.03	0.18	0.03	0.11	2.36	22.11	2.79
Maine	Cumberland	230092003	43.561043	-70.232248	65	69.33	10	0.782	41	0	10.53	3.68	0.88	0.01	0.08	0.03	0.06	0.18	0.01	0.02	0.03	0.18	0.03	0.11	2.27	20.86	2.15
Maine	Hancock	230091002	44.351697	-68.2268	66	67.33	10	0.789	63	0	10.83	3.13	0.789	0.03	0.07	0.04	0.02	0.05	0.01	0.01	0.01	0.27	0.01	0.03	0.93	31.16	5.17
Maine	Hancock	230091003	44.37705	-68.2609	62	64.33	10	0.791	50	0	9.76	3.23	0.34	0	0.04	0.02	0.05	0.04	0.01	0	0	0.18	0.01	0.04	1.86	31.23	3.97
Maine	Kennebec	230112005	44.230622	-69.785	59	62.67	10	0.788	49	0	12.63	2.9	0.42	0	0.03	0.02	0.05	0.05	0.01	0	0	0.11	0.01	0.04	2.45	28.74	1.87
Maine	Knox	230130004	43.917955	-69.26059	63	66.67	10	0.786	52	0	9.99	3.43	0.38	0	0.04	0.02	0.06	0.05	0.01	0	0	0.12	0.01	0.04	2.65	32.85	2.7
Maine	Oxford	230173001	44.250922	-70.860605	n/a	54.67	10	0.779	42	0	8.55	3.33															

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Michigan	Genesee	260492001	43.168336	-83.461541	69	73.33	10	0.807	59	0	16.46	4.65	0.82	0.71	0.01	0.03	0.05	0.11	0.12	0.02	0	0.01	0.18	0.02	0.09	1.65	34.54	0.33	
Michigan	Huron	26060007	43.836388	-83.64233	68	72.33	10	0.807	59	0	13.46	5.86	0.72	0.01	0.03	0.04	0.04	0.12	0.07	0.02	0	0.01	0.23	0.02	0.05	6.58	33.66	0.36	
Michigan	Hingham	26050012	42.738618	-84.534633	61	71	10	0.832	58	0	16.86	0.56	0.03	0.05	0.09	0.42	0.35	0.07	0.07	0.01	0.01	0.01	0.01	0.01	0.03	0.08	1.47	30.29	0.43
Michigan	Kalamazoo	26077008	42.278067	-85.54189	69	74.33	10	0.838	62	0	16.8	8.14	1.65	0.05	0.15	0.17	0.87	0.5	0.08	0.02	0.03	0.88	0.07	0.19	1.2	31.7	0.18		
Michigan	Kent	26081020	42.984173	-85.671339	69	73.33	10	0.836	61	0	17.76	6.92	1.12	0.04	0.12	0.12	0.45	0.36	0.08	0.02	0.03	0.74	0.05	0.15	1.27	31.84	0.18		
Michigan	Kent	26081022	43.176672	-85.416608	67	72.33	10	0.833	60	0	18.74	6.71	0.93	0.03	0.07	0.11	0.44	0.36	0.07	0.01	0.01	0.62	0.04	0.1	1.05	30.69	0.18		
Michigan	Lenawee	260910007	41.995568	-83.946559	67	74.67	10	0.827	61	0	17.41	6.43	1.08	0.03	0.07	0.11	0.51	0.27	0.06	0.01	0.01	0.42	0.04	0.12	1.76	33.21	0.17		
Michigan	Macomb	260990009	42.731394	-82.793463	72	76.33	10	0.833	63	0	15.72	6.23	1.54	0.02	0.07	0.06	0.21	0.2	0.03	0.01	0.02	0.33	0.03	0.09	2.63	36.15	0.15		
Michigan	Macomb	260991003	42.51334	-83.005971	67	76	10	0.834	63	0	17.77	5.85	1.49	0.02	0.07	0.07	0.26	0.24	0.04	0.01	0.02	0.37	0.03	0.1	2.86	34.05	0.04		
Michigan	Manistee	261010922	44.307	-86.242649	68	73.67	10	0.825	60	0	14.35	6.86	0.96	0.01	0.06	0.06	0.27	0.18	0.01	0.01	0.03	0.46	0.02	0.08	1.21	35.77	0.35		
Michigan	Mason	261050007	43.95334	-86.294415	70	74.67	10	0.82	61	0	14.75	7.37	0.75	0.03	0.11	0.07	0.4	0.17	0.03	0.02	0.02	0.77	0.05	0.11	1.28	34.93	0.32		
Michigan	Missaukee	261130001	44.310555	-84.891865	67	69.33	10	0.84	58	0	18.6	5.99	0.72	0.01	0.04	0.04	0.18	0.17	0.02	0	0.01	0.16	0.01	0.07	0.99	30.94	0.2		
Michigan	Muskegon	261210039	43.278061	-86.311083	75	80.67	10	0.828	66	0	13.65	7.47	0.56	0.03	0.12	0.06	0.73	0.19	0.03	0.02	0.01	1.13	0.05	0.1	1.09	41.11	0.36		
Michigan	Oakland	261250001	42.463063	-83.183199	69	75	10	0.832	62	0	17.28	5.1	0.98	0.01	0.04	0.05	0.24	0.21	0.04	0	0.01	0.37	0.02	0.05	2.4	35.3	0.24		
Michigan	Ottawa	261390005	42.894451	-85.852734	70	76.67	10	0.84	64	0	16.93	7.8	1.15	0.05	0.16	0.12	0.56	0.38	0.09	0.03	0.03	0.91	0.08	0.16	1.31	34.3	0.26		
Michigan	Schoolcraft	261530001	46.288877	-85.950227	70	73	10	0.856	62	0	19.09	6.38	0.91	0.01	0.05	0.07	0.28	0.24	0.02	0.01	0.01	0.32	0.02	0.1	1.02	33.73	0.13		
Michigan	St. Clair	261470005	42.953336	-82.456229	73	75.33	10	0.836	63	0	13.74	6.33	0.94	0.02	0.07	0.06	0.16	0.17	0.03	0.01	0.01	0.17	0.03	0.08	7.04	33.7	0.33		
Michigan	Tuscola	261579991	43.6138	-83.3591	66	68	10	0.807	54	0	13.58	5.68	0.53	0.01	0.03	0.07	0.22	0.15	0.03	0	0	0.24	0.01	0.07	1.14	32.86	0.21		
Michigan	Washtenaw	261610008	42.240565	-83.599602	67	74.67	10	0.828	61	0	17.47	5.27	0.74	0.02	0.04	0.06	0.33	0.25	0.04	0	0.01	0.47	0.02	0.05	1.79	34.88	0.29		
Michigan	Washtenaw	261619991	42.416636	-83.902185	68	72	10	0.825	59	0	16.99	5.49	1.31	0.03	0.08	0.1	0.35	0.24	0.06	0.01	0.02	0.39	0.05	0.13	1.94	31.67	0.48		
Michigan	Wayne	261630001	42.22862	-83.22862	65	71.33	10	0.826	58	0	13.26	6.51	0.95	0.04	0.08	0.11	0.58	0.32	0.07	0.01	0.01	0.85	0.05	0.09	1.75	33.94	0.23		
Michigan	Wayne	261630004	42.83084	-83.03084	72	77.33	10	0.833	64	0	16.38	6.33	1.42	0.02	0.03	0.08	0.32	0.11	0.08	0.01	0.01	2.98	0.02	0.08	1.71	35.06	0.26		
Michigan	Wayne	261659991	44.18089	-85.738985	67	71	10	0.818	55	0	16.42	6.17	0.82	0.03	0.05	0.07	0.25	0.18	0.02	0.01	0.02	0.35	0.02	0.09	1.25	39.16	0.26		
Minnesota	Anoka	270031001	45.40184	-93.20306	60	67	10	0.834	54	0	19.05	6.57	0.99	0.01	0.13	0.08	0.64	0.28	0.03	0.02	0.03	0.69	0.05	0.13	1.25	24.38	0.13		
Minnesota	Anoka	270031002	45.13768	-93.207615	63	67	10	0.831	55	0	15.8	7.94	0.86	0.05	0.2	0.17	1.15	0.82	0.08	0.03	0.02	1.64	0.09	0.19	1.21	25.08	0.25		
Minnesota	Carlton	270177416	46.70527	-92.52377	n/a	56	8	0.823	46	0	15.03	6.84	0.65	0.04	0.14	0.11	1.14	0.51	0.09	0.02	0.02	1.94	0.06	0.14	0.87	18.28	0.12		
Minnesota	Crow Wing	270353204	46.39674	-94.1303	59	61	3	0.853	52	0	22.42	6.07	0.95	0	0.03	0.01	0.01	0.12	0	0	0.02	0.01	0	0.02	3.28	19.02	0.01		
Minnesota	Goodhue	270495302	44.473754	-93.012611	61	62.67	10	0.827	51	0	16.78	8.46	1.36	0.05	0.2	0.17	0.53	0.71	0.08	0.04	0.06	0.64	0.07	0.15	2.76	19.49	0.16		
Minnesota	Lake	270750005	47.948622	-91.495574	56	58	1	0.831	48	0	15.71	5.72	1.15	0.05	0.05	0.07	0.39	0.09	0.05	0.01	0	7.78	0.03	0.05	0.97	15.41	0.59		
Minnesota	Lyon	270834210	44.4438	-95.81789	62	64.67	10	0.827	56	0	28.52	6.84	0.99	0.1	0.1	0.24	1.47	1.29	0.33	0.02	0.01	6.53	0.12	0.15	2.17	7.22	0.04		
Minnesota	Mille Lacs	270953051	46.2053	-93.75945	60	59.67	10	0.848	50	0	17.63	7.19	0.81	0.03	0.11	0.07	1.01	0.65	0.05	0.02	0.02	1.62	0.04	0.07	1.74	19.3	0.18		
Minnesota	Olmsted	271095008	43.996908	-92.450366	61	64	7	0.857	54	0	18.91	9.59	1.29	0.05	0.18	0.24	1.57	1.03	0.1	0.03	0.03	1.88	0.08	0.22	1.44	17.87	0.26		
Minnesota	Saint Louis	271377550	46.81826	-92.08936	53	50.67	10	0.841	42	0	12.91	6.97	0.67	0.05	0.14	0.14	1.14	0.73	0.08	0.03	0.02	1.65	0.07	0.15	0.86	16.77	0.19		
Minnesota	Scott	271390505	44.791437	-93.512534	60	64	10	0.859	55	0	18.49	7.07	1.59	0.04	0.18	0.1	0.39	0.44	0.05	0.03	0.07	0.43	0.05	0.1	2.93	22.79	0.12		
Minnesota	Stearns	271453052	45.549839	-94.13345	60	61.67	10	0.86	53	0	17.95	7.46	1.07	0.02	0.08	0.11	0.55	0.6	0.04	0.02	0.03	0.88	0.04	0.14	1.89	21.79	0.29		
Minnesota	Washington	271636016	45.168004	-92.765136	59	62	10	0.813	50	0	14.6	7.59	0.69	0.04	0.17	0.12	1.41	0.76	0.07	0.03	0.02	1.62	0.07	0.12	0.99	21.69	0.33		
Minnesota	Wright	271713201	45.20916	-93.66921	61	63.33	10	0.845	53	0	18.24	7.91	1.18	0.04	0.15	0.13	0.57	0.83	0.05	0.03	0.03	0.88	0.05	0.18	1.33	21.72	0.12		
Mississippi	Bolivar	280110001	33.746056	-90.723028	62	70.67	10	0.859	60	0	17.73	7.19	5.81	0.02	0.1	0.12	0.17	0.08	0.05	0.02	0.01	2.39	0.05	0.13	0.76	24.11	1.91		
Mississippi	DeSoto	280330002	34.82166	-89.98783	64	71	10	0.795	56	0	14.18	6.57	1.09	0.02	0.1	0.09	0.22	0.08	0.04	0.02	0.02	1.99	0.04	0.11	0.88	30.26	0.65		
Mississippi	Hancock	280450003	30.308833	-89.395916	63	66.33	10	0.835	55	0	9.18	3.71	1.25	0.02	0.04	0.11	0.19	0.11	0.04	0.01	0.01	1.57	0.03	0.1	0.54	32.25	6.15		
Mississippi	Harrison	280470008	30.390369	-89.049778	67	70.33	10	0.837	58	0	10.8	3.73	1.54	0.02	0.05	0.11	0.19	0.12	0.04	0.01	0.01	1.49	0.03	0.11	0.6	31.67	8.24		
Mississippi	Mindis	280480001	32.085731	-90.14421	n/a	65	10	0.837	58	0	10.8	3.73	1.54																

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Nevada	Washoe	320312009	39.845264	-119.84002	69	67.33	10	0.928	62	0	51.28	1.4	0.1	0.21	4.1	0.06	0.01	0	0.1	2.41	0.05	0.21	0.02	0.02	1.1	0.13	0.31	
Nevada	White Pine	320310014	39.09512	-114.1593	64	72.33	10	0.75	70	0	63.92	1.01	0.12	0.24	2.7	0.05	0	0	0.02	0.6	0.07	0.04	0.02	0.04	0.28	0.75	0.35	0.17
New Hampshire	Bellamy	330012004	43.566122	-71.496335	58	62.33	10	0.758	47	0	8.11	2.71	0.48	0	0.03	0.01	0.03	0.08	0.01	0.11	0.01	0.17	0.01	0.03	1.01	32.15	2.36	
New Hampshire	Cheshire	330050007	42.930521	-72.27232	61	62.33	10	0.773	48	0	10.44	3.19	0.46	0.01	0.05	0.03	0.05	0.11	0.01	0.01	0.01	0.16	0.02	0.06	1.83	30.28	1.4	
New Hampshire	Coos	330074001	44.270093	-71.303821	67	67.67	10	0.788	53	0	11.49	3.55	0.54	0.01	0.05	0.04	0.07	0.09	0.01	0.01	0.01	0.2	0.02	0.07	2.01	33.28	1.81	
New Hampshire	Coos	330074002	44.308132	-71.217639	57	60	10	0.786	47	0	9.29	3.19	0.48	0.01	0.04	0.03	0.06	0.08	0.01	0.01	0.01	0.2	0.02	0.06	1.5	30.22	1.85	
New Hampshire	Grafton	330090010	43.629605	-72.309499	57	60.33	10	0.778	46	0	10.82	2.92	0.4	0	0.02	0.01	0.03	0.04	0.01	0	0	0.09	0.01	0.03	1.82	29.19	1.44	
New Hampshire	Grafton	330099991	43.944519	-71.700788	54	59	10	0.777	45	0	8.87	2.76	0.43	0	0.02	0.02	0.05	0.05	0.01	0	0.01	0.18	0.01	0.04	1.28	29.79	2.26	
New Hampshire	Hillsborough	330111011	42.718653	-71.522416	63	66.33	10	0.779	52	0	9.1	3.08	1.31	0.01	0.02	0.03	0.07	0.08	0.01	0.01	0.01	0.18	0.02	0.05	1.44	35.65	1.26	
New Hampshire	Hillsborough	330115001	42.86183	-71.878626	68	68.67	10	0.767	52	0	10.46	3.02	0.63	0.01	0.04	0.03	0.04	0.09	0.01	0.01	0.01	0.12	0.02	0.05	1.55	35.07	1.47	
New Hampshire	Merrimack	330131007	43.2185	-71.5145	61	64	10	0.761	48	0	7.73	2.95	0.63	0.01	0.03	0.03	0.08	0.07	0.01	0	0.01	0.21	0.02	0.05	1.3	33.52	1.99	
New Hampshire	Rockingham	330150014	43.075371	-70.748017	65	66.67	10	0.765	51	0	9.73	2.93	0.46	0.01	0.03	0.03	0.08	0.05	0.01	0	0.01	0.19	0.01	0.04	1.58	34.01	1.74	
New Hampshire	Rockingham	330150016	43.045269	-70.713958	67	67	10	0.765	51	0	9.78	2.94	0.46	0.01	0.03	0.03	0.08	0.05	0.01	0	0.01	0.19	0.01	0.04	1.59	34.18	1.75	
New Hampshire	Rockingham	330150018	42.862531	-71.38014	65	67.5	10	0.796	53	0	8.33	3.24	1.42	0.01	0.06	0.04	0.07	0.12	0.02	0.01	0.01	0.18	0.03	0.07	1.65	36.87	1.52	
New Jersey	Atlantic	340010006	39.464872	-74.448736	64	72.67	10	0.827	55	0	8.97	4.92	1.72	0.03	0.09	0.1	0.28	0.14	0.06	0.01	0.03	0.61	0.04	0.09	1.3	36.59	1.33	
New Jersey	Bergen	340030006	40.870436	-73.991994	74	76.33	10	0.832	63	0	9.99	3.68	0.62	0.02	0.05	0.05	0.1	0.08	0.03	0.01	0.01	0.45	0.02	0.05	1.4	45.44	1.41	
New Jersey	Camden	340070002	39.934446	-75.125291	75	73	10	0.785	57	0	7.83	4.38	0.59	0.01	0.04	0.05	0.1	0.07	0.03	0	0.01	0.37	0.02	0.06	1.39	41.3	0.96	
New Jersey	Camden	340071001	39.68425	-74.861491	69	81.33	10	0.778	63	0	8.44	5.36	0.86	0.03	0.05	0.09	0.17	0.13	0.06	0.01	0.01	0.74	0.04	0.09	1.26	45.12	0.8	
New Jersey	Cumberland	340110007	39.422273	-75.025204	68	71.67	10	0.782	56	0	9.82	5.1	1.21	0.03	0.08	0.11	0.23	0.11	0.06	0.01	0.02	0.72	0.05	0.1	1.22	36.4	0.68	
New Jersey	Essex	340130003	40.720989	-74.192892	70	76.67	10	0.802	61	0	7.6	4.05	0.65	0.01	0.05	0.06	0.14	0.11	0.03	0.01	0.01	0.48	0.03	0.07	1.43	45.49	1.01	
New Jersey	Gloucester	340150002	39.800339	-75.212139	74	82.33	10	0.814	67	0	7.84	5.22	0.62	0.01	0.04	0.05	0.16	0.11	0.03	0.01	0.01	0.77	0.02	0.06	1.47	45.66	1.1	
New Jersey	Hudson	340190006	40.67025	-74.62081	61	62	10	0.825	61	0	8.2	4.09	0.53	0.01	0.03	0.03	0.12	0.03	0.01	0.01	0.01	0.06	0.14	0.07	1.47	45.94	1.61	
New Jersey	Hunterdon	340190001	40.515162	-74.806671	72	76.33	10	0.785	59	0	7.57	4.04	0.55	0.01	0.03	0.04	0.11	0.08	0.02	0	0.01	0.39	0.02	0.05	1.46	44.48	0.99	
New Jersey	Mercer	340210005	40.283092	-74.742644	72	76.67	10	0.791	60	0	7.46	4.37	0.6	0.01	0.04	0.05	0.13	0.09	0.02	0.01	0.01	0.36	0.02	0.06	1.6	44.84	0.88	
New Jersey	Mercer	340219991	40.3125	-74.87279	73	74.5	10	0.791	58	0	7.12	4.17	0.57	0.01	0.04	0.04	0.12	0.08	0.02	0.01	0.01	0.36	0.02	0.06	1.3	44.03	0.9	
New Jersey	Middlesex	340230011	40.462182	-74.429439	74	79.33	10	0.787	62	0	7.88	4.19	0.66	0.01	0.04	0.05	0.11	0.09	0.02	0.01	0.01	0.38	0.02	0.06	1.6	46.27	0.98	
New Jersey	Monmouth	340250005	40.277647	-74.0051	70	77.67	10	0.788	60	0	7.53	4.32	0.88	0.02	0.07	0.08	0.22	0.11	0.05	0.01	0.02	0.6	0.04	0.08	1.51	43.77	1.81	
New Jersey	Morris	340273001	40.787628	-74.676301	69	75.33	10	0.804	60	0	8.34	3.56	0.5	0.01	0.03	0.02	0.09	0.07	0.02	0	0	0.33	0.01	0.04	1.49	44.91	1.12	
New Jersey	Ocean	340290006	40.06483	-74.44405	73	80	10	0.778	62	0	7.31	4.95	1	0.02	0.05	0.08	0.18	0.09	0.04	0.01	0.01	0.67	0.03	0.08	1.28	45.11	1.28	
New Jersey	Passaic	340315001	41.058617	-74.255544	70	72	10	0.822	59	0	9.37	3.32	0.47	0.01	0.03	0.03	0.08	0.06	0.01	0	0.01	0.32	0.02	0.05	1.46	42.79	1.13	
New Jersey	Warren	340410007	40.92458	-75.067815	64	64.5	10	0.793	51	0	7.51	3.59	0.49	0.01	0.03	0.04	0.12	0.08	0.02	0	0.01	0.38	0.02	0.06	1.54	36.37	0.78	
New Mexico	Bernalillo	350010023	35.1343	-106.5852	65	68.67	10	0.931	64	0	47.81	2.93	0.65	0.93	1.55	0.64	0.14	0.07	5.2	0.18	0.08	0.86	0.24	0.3	0.95	0.58	0.15	
New Mexico	Bernalillo	350010024	35.0631	-106.57878	n/a	69.33	10	0.931	64	0	48.27	2.96	0.66	0.94	1.57	0.64	0.14	0.08	5.85	0.19	0.09	0.86	0.25	0.3	0.96	0.58	0.15	
New Mexico	Bernalillo	350010027	35.1539	-106.69715	n/a	71	10	0.94	66	0	51.26	2.92	0.65	1.04	1.65	0.58	0.13	0.07	4.95	0.2	0.1	0.81	0.23	0.28	0.97	0.66	0.16	
New Mexico	Bernalillo	350010029	35.01708	-106.65739	65	68.67	10	0.934	64	0	48.2	2.92	0.65	0.91	1.57	0.64	0.14	0.07	5.64	0.18	0.08	0.86	0.24	0.3	0.96	0.57	0.15	
New Mexico	Bernalillo	350010032	35.06407	-106.76151	n/a	69	10	0.932	64	0	48.15	2.98	0.66	0.99	1.6	0.63	0.14	0.08	5.62	0.19	0.09	0.87	0.25	0.3	0.96	0.59	0.16	
New Mexico	Bernalillo	350011012	35.1852	-106.50815	64	71	10	0.946	67	0	54.12	2.15	0.59	1.32	1.58	0.34	0.09	0.04	4.48	0.16	0.1	0.35	0.12	0.19	0.82	0.52	0.14	
New Mexico	Bernalillo	350011013	35.19324	-106.61381	n/a	69	10	0.936	64	0	49.18	2.85	0.66	0.97	1.28	0.58	0.12	0.07	5.52	0.18	0.1	0.79	0.22	0.27	0.93	0.66	0.14	
New Mexico	Dona Ana	350130008	31.930659	-106.6311	66	66.33	10	0.921	61	0	35.09	3.86	0.64	0.49	0.65	0.3	0.26	0.08	1.41	0.08	0.03	6.68	0.19	0.24	7.33	3.28	0.2	
New Mexico	Dona Ana	350130017	31.79594	-106.55804	n/a	67.33	10	0.926	62	0	34.73	4.01	0.83	0.46	0.66	0.32	0.27	0.09	1.25	0.09	0.03	6.15	0.21	0.28	8.97	3.7	0.21	
New Mexico	Dona Ana	350130020	32.041212	-106.40971	66	68	10	0.929	63	0	35.61	3.86	0.98	0.89	0.78	0.32	0.26	0.07	1.12	0.09	0.03	6.66	0.22	0.21	9.06	2.63	0.3	
New Mexico	Dona Ana	350130021	31.789218	-106.56168	66	72	10	0.931	63	0	31.796218	4.22	0.89	0.5	0.63	0.28	0.23	0.03	1.38	0.03	0.03							



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North Carolina	Edgecombe	370650099	35.988333	-77.582778	n/a	68.33	10	0.772	52	0	9.06	6.87	0.93	0.09	0.15	0.22	0.5	0.25	0.13	0.02	0.01	1.2	0.09	0.14	0.65	32.02	0.33	
North Carolina	Forsyth	370670022	36.110629	-80.226438	67	73.67	10	0.806	59	0	9.35	6.16	1.12	0.05	0.13	0.15	0.29	0.15	0.08	0.02	0.02	0.83	0.07	0.13	0.93	39.54	0.25	
North Carolina	Forsyth	370670038	36.203956	-80.215833	n/a	68.68	10	0.802	54	0	9.37	5.85	0.98	0.07	0.14	0.17	0.31	0.17	0.1	0.02	0.02	0.91	0.06	0.12	0.76	34.78	0.30	
North Carolina	Forsyth	370670030	36.2026	-80.342	68	71.33	10	0.821	56	0	9.02	5.72	1.19	0.05	0.12	0.14	0.28	0.14	0.08	0.02	0.01	0.79	0.07	0.12	0.79	37.48	0.32	
North Carolina	Forsyth	370671008	36.05097	-80.143657	67	71	10	0.796	58	0	9.81	5.98	1.03	0.08	0.15	0.19	0.35	0.17	0.1	0.03	0.02	1	0.08	0.14	0.76	38.46	0.23	
North Carolina	Franklin	370690001	36.096189	-78.463719	n/a	67.67	10	0.751	50	0	8.64	5.59	0.77	0.07	0.09	0.18	0.32	0.16	0.11	0.01	0.01	0.85	0.05	0.1	0.57	32.69	0.56	
North Carolina	Graham	370750001	35.25793	-83.79562	64	67.33	10	0.791	53	0	14.24	5.54	2	0.04	0.18	0.16	0.16	0.11	0.05	0.04	0.04	0.58	0.11	0.2	0.8	28.04	0.89	
North Carolina	Granville	370770001	36.141111	-78.768056	64	69	10	0.752	51	0	7.43	5.5	0.75	0.05	0.08	0.14	0.25	0.14	0.09	0.01	0.01	0.91	0.05	0.1	0.52	35.25	0.53	
North Carolina	Gulford	370810013	36.109167	-79.801111	65	72	10	0.805	57	0	8.68	6.5	1.42	0.09	0.15	0.2	0.35	0.13	0.12	0.02	0.01	1.17	0.07	0.14	0.61	37.69	0.5	
North Carolina	Haywood	370820008	35.50716	-82.96337	62	60.5	10	0.786	47	0	14.65	5.19	1.75	0.07	0.25	0.16	0.3	0.11	0.09	0.04	0.03	1.02	0.1	0.17	0.63	22.25	0.33	
North Carolina	Haywood	370820035	35.379167	-82.7925	66	67	10	0.782	52	0	16.73	5.47	1.9	0.08	0.24	0.19	0.37	0.13	0.11	0.04	0.02	1.09	0.1	0.19	0.68	24.83	0.37	
North Carolina	Haywood	370820036	35.587144	-83.074156	65	66	10	0.789	52	0	17.31	5.5	1.45	0.08	0.28	0.18	0.33	0.13	0.1	0.05	0.04	1.06	0.11	0.22	0.73	24.08	0.34	
North Carolina	Johnston	371010002	35.590833	-78.461944	65	70.33	10	0.749	52	0	7.97	6.07	0.91	0.09	0.14	0.21	0.39	0.19	0.12	0.02	0.01	1.13	0.07	0.13	0.49	34.21	0.5	
North Carolina	Lenoir	371070004	35.231459	-77.568792	63	67	10	0.771	51	0	9.65	7.05	1.02	0.09	0.17	0.22	0.49	0.27	0.11	0.03	0.02	1.19	0.09	0.16	0.62	30	0.39	
North Carolina	Lincoln	371090004	35.438556	-81.27675	67	71.67	10	0.772	56	0	9.5	5.72	0.96	0.07	0.14	0.18	0.32	0.17	0.09	0.02	0.01	0.92	0.08	0.14	0.61	36.36	0.66	
North Carolina	Macon	371139991	35.0608	-83.4306	62	62.5	10	0.789	49	0	12.11	5.45	2.09	0.05	0.17	0.13	0.24	0.1	0.07	0.03	0.02	1.02	0.07	0.13	0.78	26.14	0.62	
North Carolina	Martin	371170001	35.81066	-76.906249	60	65.67	10	0.789	51	0	10.06	6.86	1.31	0.09	0.17	0.22	0.49	0.26	0.11	0.03	0.02	1.12	0.09	0.16	0.78	29.63	0.37	
North Carolina	Mecklenburg	371190041	35.2401	-80.785683	69	77	10	0.833	64	0	9.58	5.59	1.11	0.09	0.18	0.22	0.37	0.16	0.12	0.03	0.01	1.22	0.09	0.15	0.59	43.95	0.61	
North Carolina	Mecklenburg	371191005	35.113164	-80.919532	n/a	71.67	10	0.836	59	0	9.09	5.2	1	0.09	0.17	0.21	0.35	0.15	0.11	0.03	0.01	1.1	0.08	0.15	0.51	41.1	0.5	
North Carolina	Montgomery	371239991	35.2632	-79.8365	61	64.5	10	0.775	50	0	9.74	5.4	1.38	0.07	0.16	0.17	0.25	0.12	0.09	0.03	0.01	0.96	0.09	0.14	0.38	30.24	0.72	
North Carolina	New Hanover	371290002	34.364167	-77.838167	60	63.33	10	0.739	46	0	7.64	4.79	1.5	0.06	0.1	0.14	0.24	0.13	0.07	0.02	0.01	0.79	0.05	0.1	0.38	28.97	1.78	
North Carolina	Pisces	371450003	36.036965	-79.0277	62	68.33	10	0.79	57	0	9.59	6.45	1.22	0.07	0.13	0.13	0.53	0.12	0.09	0.01	0.34	0.05	0.11	0.34	35.35	0.30		
North Carolina	Ritt	371470006	35.63861	-77.35805	62	68.33	10	0.792	57	0	9.53	6.12	1.07	0.09	0.16	0.22	0.5	0.07	0.16	0.03	0.02	1.14	0.09	0.16	0.69	31.04	0.39	
North Carolina	Rockingham	371570099	36.308889	-79.859167	66	69.67	10	0.771	52	0	7.97	6.62	1.05	0.07	0.14	0.17	0.33	0.12	0.1	0.02	0.02	1.23	0.06	0.12	0.59	36.09	0.42	
North Carolina	Rowan	371590021	35.551868	-80.395039	65	73	10	0.773	56	0	9.62	6.05	1.47	0.07	0.15	0.16	0.29	0.13	0.09	0.02	0.02	1	0.07	0.13	0.56	36.01	0.51	
North Carolina	Rowan	371590022	35.534482	-80.66756	n/a	74.5	10	0.788	52	0	9.35	5.56	1.32	0.07	0.14	0.16	0.29	0.12	0.08	0.02	0.01	1.08	0.06	0.13	0.58	38.67	0.63	
North Carolina	Swain	371730002	35.434767	-83.442133	60	59	10	0.831	49	0	14.49	5.76	2.29	0.05	0.19	0.16	0.28	0.11	0.07	0.03	0.02	0.97	0.09	0.18	0.81	23.12	0.33	
North Carolina	Swain	371730007	35.498711	-83.310242	61	58	10	0.819	47	0	15.33	5.24	1.86	0.06	0.22	0.14	0.25	0.1	0.07	0.04	0.02	0.76	0.09	0.17	0.74	21.99	0.39	
North Carolina	Union	371790003	34.974039	-80.540622	68	70.33	10	0.775	54	0	8.42	5.45	1.52	0.07	0.15	0.18	0.29	0.12	0.09	0.02	0.01	1.14	0.08	0.14	0.42	35.85	0.51	
North Carolina	Wake	371830014	35.856111	-78.574167	65	68.33	10	0.754	51	0	8.05	5.42	0.82	0.08	0.12	0.2	0.35	0.15	0.11	0.02	0.01	1.03	0.06	0.12	0.5	33.88	0.54	
North Carolina	Wake	371830016	35.596944	-78.7925	n/a	70.33	10	0.748	52	0	7.68	5.53	2.22	0.05	0.09	0.14	0.27	0.17	0.08	0.01	0.01	0.83	0.06	0.11	0.55	34.13	0.56	
North Carolina	Yancey	371990004	35.765413	-82.264944	65	66.33	10	0.803	53	0	18.4	5.24	1.06	0.08	0.24	0.2	0.39	0.15	0.11	0.04	0.03	1.04	0.11	0.22	0.77	24.7	0.44	
North Dakota	Burke	380130004	48.64193	-102.4018	59	58	1	0.991	57	0	20.87	6.55	0.46	0	0.03	0	0	0	0	0	0	0.3	0	0	0	27.86	1.58	0.01
North Dakota	Burleigh	380150003	46.825425	-100.76821	n/a	58.33	10	0.963	56	0	22.6	8.05	0.39	0	0.08	0	0	0	0	0	0	0.1	0	0	0.02	12.85	11.97	0.02
North Dakota	Mercer	380570004	47.298611	-101.76694	56	59	2	0.976	57	0	24.01	9.23	0.36	0.27	0.49	0.58	0.13	0.53	0.11	0.07	0.06	0.36	0.56	1.52	8.18	11	0.09	
North Dakota	Oliver	380650002	47.185833	-101.42805	59	58.33	10	0.993	57	0	24.06	6.73	0.3	0	0.08	0	0	0	0	0	0	0.09	0	0	0	13.92	12.46	0.02
Ohio	Allen	390030009	40.770944	-84.0539	66	72.67	10	0.821	59	0	14.33	7.28	1.57	0.03	0.08	0.09	0.46	0.13	0.04	0.01	0.02	1.14	0.04	0.1	1.09	32.85	0.34	
Ohio	Ashtabula	390071001	41.959695	-80.572808	70	75.33	10	0.805	60	0	10.73	6.48	0.91	0.02	0.07	0.07	0.37	0.16	0.04	0.01	0.01	0.72	0.04	0.08	2.23	38.22	0.38	
Ohio	Butler	390170004	39.383382	-84.544413	72	76	10	0.818	63	0	14.95	5.83	1.09	0.02	0.08	0.06	0.2	0.11	0.03	0.01	0.02	0.62	0.03	0.08	2.03	36.81	0.15	
Ohio	Butler	390170018	39.529444	-84.393453	71	77.67	10	0.817	62	0	13.46	6.39	1.27	0.04	0.11	0.1	0.34	0.14	0.05	0.02	0.02	0.92	0.05	0.11	1.42	38.54	0.38	
Ohio	Butler	390179991	39.5327	-84.7286	69	75.5	10	0.814	61	0	16.17	6.31	1.02	0.03	0.07	0.09	0.33	0.18	0.05	0.01	0.02	0.72	0.03	0.07	1.66	34.54	0.37	
Ohio	Clark	390230001	40.00103	-80.8016	59	67	10	0.813	58	0	12.84	6.89	1.28	0.04	0.11	0.12	0.31	0.18	0.06	0.01	0.01</							

State	County	AQIS ID	Latitude	Longitude	2016 Design Value (ppb)	2012 Base Design Value (ppb)	# of days used in the calculation of RRF	Relative Response Factor (RRF)	2023 Future Design Value (ppb)	Initial Contribution (ppb)	Boundary Condition (BC) Contribution (ppb)	Bio Contribution (ppb)	Fire Contribution (ppb)	AZ Anthro Contribution (ppb)	CA Anthro Contribution (ppb)	CO Anthro Contribution (ppb)	KS Anthro Contribution (ppb)	NE Anthro Contribution (ppb)	NM Anthro Contribution (ppb)	NV Anthro Contribution (ppb)	OR Anthro Contribution (ppb)	TX Anthro Contribution (ppb)	UT Anthro Contribution (ppb)	WY Anthro Contribution (ppb)	Mexico & Canada Anthro Contribution (ppb)	Other US Anthro Contribution (ppb)	Ocean Anthro Contribution (ppb)	
Oklahoma	McCain	400871073	35.259649	-97.473794	66	72.67	10	0.842	61	0	13.28	8.82	3	0.09	0.1	0.23	1.34	0.35	0.24	0.02	0.01	5.65	0.09	0.15	1.64	1.64	24.54	1.6
Oklahoma	Mcurtain	400892001	34.47477	-97.44656	n/a	68	10	0.879	59	0	20.55	5.22	4.2	0.04	0.13	0.16	0.31	0.11	0.36	0.02	0.01	4.01	0.07	0.03	0.99	20.84	2.08	0.5
Oklahoma	Oklahoma	401090033	35.477036	-97.494309	67	76	10	0.823	61	0	15.06	8.73	2.88	0.11	0.26	0.35	1.05	0.38	0.36	0.02	0.02	0.01	1.18	0.18	2.13	25.2	0.16	0.5
Oklahoma	Oklahoma	401090096	35.477801	-97.303044	65	74.67	10	0.832	62	0	14.42	8.45	3.18	0.1	0.12	0.25	1	0.37	0.34	0.02	0.02	0.02	5.58	0.09	0.17	2.08	25.36	0.52
Oklahoma	Oklahoma	401091037	35.614131	-97.475083	68	77.33	10	0.823	62	0	15.89	8.43	1.31	0.08	0.13	0.21	0.68	0.22	0.31	0.02	0.02	6.82	0.08	0.15	2	25.74	0.61	0.1
Oklahoma	Ottawa	401159004	36.922222	-94.838889	54	73.33	10	0.833	61	0	18.34	8.92	1.08	0.05	0.17	0.21	1.06	0.12	0.23	0.04	0.02	6.81	0.09	0.19	2.24	21.11	0.37	0.1
Oklahoma	Pittsburg	401210415	34.885608	-95.78441	60	72.67	10	0.87	63	0	18.33	7.99	2.75	0.05	0.11	0.19	0.94	0.29	0.13	0.02	0.02	6.45	0.08	0.14	1.2	23.3	1.18	0.1
Oklahoma	Sequoyah	401359021	35.40814	-94.524413	60	70.67	10	0.854	60	0	19.15	7.71	1.62	0.04	0.12	0.13	0.63	0.17	0.1	0.02	0.01	3.21	0.07	0.15	1.15	25.33	0.66	0.1
Oklahoma	Tulsa	401430137	36.357438	-95.999247	n/a	77.67	10	0.833	64	0	16.63	8.27	1.19	0.04	0.09	0.18	1	0.32	0.18	0.01	0.02	4.17	0.06	0.12	1.5	30.24	0.51	0.1
Oklahoma	Tulsa	401430174	35.953708	-96.004975	n/a	75	10	0.836	62	0	14.85	8.14	1.21	0.04	0.08	0.13	1.16	0.3	0.09	0.01	0.02	2.52	0.06	0.22	1.43	31.83	0.56	0.1
Oklahoma	Tulsa	401430178	36.133802	-95.764537	63	75.33	10	0.836	62	0	14.85	7.94	1.42	0.04	0.1	0.14	0.79	0.23	0.19	0.02	0.02	4.76	0.06	0.15	1.86	29.62	0.73	0.1
Oklahoma	Tulsa	401431127	36.204902	-95.976537	n/a	78	10	0.833	65	0	15.26	8.06	1.17	0.04	0.08	0.14	0.82	0.24	0.17	0.01	0.02	4.11	0.05	0.15	1.52	32.41	0.61	0.1
Oregon	Clackamas	410050004	45.25928	-122.58815	65	62.67	10	0.883	55	0	28.44	2.19	0.75	0	0.13	0	0	0	0	0	14.24	0.02	0	0	1.45	8.05	0.25	0.1
Oregon	Columbia	410090004	45.768531	-122.7721	54	50.67	5	0.897	45	0	26.49	1.79	0.31	0	0.07	0	0	0	0	0	6.77	0	0	0	1.57	8.11	0.26	0.1
Oregon	Deschutes	410170122	44.021896	-121.26016	n/a	58.67	9	0.954	56	0	46.3	1.16	3.64	0.09	0.68	0.03	0	0	0.03	0.06	1.92	0.03	0.02	0.01	0.42	1.45	0.08	0.1
Oregon	Jackson	410290201	42.229891	-122.7877	59	62.67	3	0.926	58	0	39.58	1.9	8.23	0.04	1.35	0.02	0	0	0.02	0	4.9	0.06	0	0	0.42	1.24	0.16	0.1
Oregon	Lane	410390060	44.026312	-123.08373	61	57	3	0.887	50	0	35.25	2.08	0.24	0	0.04	0	0	0	0	0	8.49	0	0	0	0.74	3.6	0.11	0.1
Oregon	Lane	410391007	43.8345	-123.0353	61	59	3	0.885	52	0	36.35	2.15	0.26	0	0.05	0	0	0	0	0	8.83	0	0	0	0.73	3.68	0.11	0.1
Oregon	Marion	410470004	44.81029	-122.91508	65	59.33	3	0.889	52	0	36.54	1.52	0.05	0	0.01	0	0	0	0	0	8.11	0	0	0	0.97	5.42	0.11	0.1
Oregon	Multnomah	410510080	45.496641	-122.60289	55	56.33	9	0.926	52	0	25.54	2.19	0.58	0.01	0.14	0	0	0	0	0.01	13.38	0.01	0	1.51	8.4	0.31	0.1	
Oregon	Umatilla	410591003	45.828968	-119.26299	65	62.67	6	0.921	57	0	42.29	3.94	1.19	0.01	0.35	0.01	0	0	0	0	1.95	0.01	0.02	0.03	1.21	6.48	0.07	0.1
Oregon	Washington	410670001	45.802446	-122.85443	59	57	3	0.877	52	0	35.25	1.97	0.72	0.03	0.51	0.1	0.1	0.01	0.01	0.01	1.3	0.01	0.01	0.12	6.25	0.39	0.1	
Pennsylvania	Adams	420018991	39.9231	-77.37078	67	67	10	0.773	62	0	8.25	5.22	0.72	0.01	0.05	0.03	0.13	0.09	0.02	0.01	0.01	0.36	0.02	0.05	1.34	35.19	0.66	0.1
Pennsylvania	Allegheny	420030008	40.46542	-79.960757	67	76	10	0.835	63	0	11.03	5.25	1.42	0.03	0.06	0.06	0.23	0.13	0.02	0.01	0.02	0.62	0.03	0.08	1.27	42.72	0.43	0.1
Pennsylvania	Allegheny	420030010	40.445577	-80.016155	n/a	75	10	0.835	62	0	10.88	5.18	1.4	0.01	0.06	0.06	0.23	0.12	0.02	0.01	0.02	0.62	0.03	0.08	1.25	42.16	0.42	0.1
Pennsylvania	Allegheny	420030067	40.375644	-80.169943	68	73	10	0.834	60	0	15.28	4.38	0.89	0	0.04	0.03	0.16	0.11	0.01	0	0.01	0.24	0.01	0.04	1.5	37.93	0.16	0.1
Pennsylvania	Armstrong	420050001	40.814183	-79.56475	70	74.67	10	0.815	60	0	12.06	5.08	0.86	0.01	0.04	0.04	0.19	0.13	0.02	0.01	0.02	0.33	0.02	0.07	1.42	40.22	0.26	0.1
Pennsylvania	Beaver	420070002	40.56252	-80.503948	70	71.33	10	0.828	59	0	13.19	4.82	1.06	0.01	0.05	0.05	0.14	0.08	0.02	0.01	0.02	0.32	0.02	0.09	1.68	37.12	0.33	0.1
Pennsylvania	Beaver	420070005	40.684722	-80.359722	68	75.67	10	0.827	62	0	13.79	5.32	0.98	0.01	0.07	0.06	0.22	0.13	0.02	0.01	0.02	0.4	0.02	0.08	1.73	39.46	0.19	0.1
Pennsylvania	Beaver	420070014	40.747796	-80.316442	65	72	10	0.822	59	0	11.71	5.36	1.23	0.02	0.08	0.08	0.3	0.17	0.04	0.01	0.02	0.62	0.03	0.08	1.36	37.63	0.38	0.1
Pennsylvania	Berks	420110006	40.51408	-75.789721	66	70	10	0.779	54	0	7.83	3.98	0.59	0.01	0.03	0.03	0.08	0.07	0.01	0	0.01	0.27	0.01	0.04	1.24	39.17	1.05	0.1
Pennsylvania	Berks	420110011	40.38335	-75.9686	71	74.33	10	0.782	58	0	8.25	4.89	0.65	0.01	0.04	0.04	0.13	0.11	0.03	0.01	0.01	0.39	0.02	0.06	1.56	41.05	0.78	0.1
Pennsylvania	Blair	420130801	40.535278	-78.370833	63	72	10	0.804	57	0	10.12	5.93	1.01	0.03	0.1	0.08	0.35	0.23	0.05	0.02	0.04	0.55	0.04	0.1	1.58	37.27	0.3	0.1
Pennsylvania	Bucks	420170012	40.107222	-74.882222	77	78.67	10	0.777	61	0	7.78	4.61	0.72	0.01	0.04	0.05	0.12	0.08	0.03	0.01	0.01	0.44	0.04	0.07	1.39	44.61	1.05	0.1
Pennsylvania	Cambria	420210011	40.309722	-78.915	63	69.33	10	0.808	56	0	9.23	5.28	1.12	0.03	0.09	0.1	0.3	0.18	0.05	0.02	0.03	0.59	0.05	0.11	1.59	36.62	0.44	0.1
Pennsylvania	Centre	420270100	40.811389	-77.877028	63	70	10	0.809	56	0	11.78	5.18	0.79	0.01	0.06	0.04	0.1	0.08	0.01	0.01	0.02	0.2	0.02	0.07	1.45	36.35	0.35	0.1
Pennsylvania	Centre	420279991	40.7208	-77.9319	65	70	10	0.802	56	0	10.83	5.41	0.81	0.01	0.07	0.05	0.11	0.1	0.01	0.01	0.02	0.21	0.02	0.08	1.5	36.41	0.36	0.1
Pennsylvania	Chester	420290100	39.834461	-75.768242	73	76	10	0.782	59	0	7.65	4.71	0.54	0.01	0.03	0.03	0.1	0.1	0.08	0.02	0.01	0.48	0.01	0.04	1.1	43.67	0.89	0.1
Pennsylvania	Clearfield	420330000	41.1175	-78.526194	64	70.33	10	0.753	57	0	13.49	5.31	0.81	0.02	0.1	0.09	0.23	0.15	0.03	0.02	0.02	0.34	0.04	0.1	1.32	35.53	0.21	0.1
Pennsylvania	Dauphin	420431100	40.272222	-76.681389	67	73.33	10	0.779	57	0	9.85	4.42	0.86	0	0.03	0.03	0.08	0.05	0.01	0	0.01	0.21	0.01	0.04	1.72	39.04	0.63	0.1
Pennsylvania	Delaware	420450002	39.835566	-75.3725	72	76	10	0.799	60	0	8.02	4.07	0.53	0.01	0.03	0.04	0.1	0.06	0.02	0	0.48	0.01	0.04	1.05	45.21	0.95	0.1	

State	County	AQS ID	Latitude	Longitude	2016 Design Value (ppb)	2012 Base Design Value (ppb)	# of days used in the calculation of RRF	Relative Response Factor (RRF)	2023 Future Design Value (ppb)	Initial Condition (IC) Contribution (ppb)	Boundary Condition (BC) Contribution (ppb)	Bio Contribution (ppb)	Fire Contribution (ppb)	AZ Anthro Contribution (ppb)	CA Anthro Contribution (ppb)	CO Anthro Contribution (ppb)	KS Anthro Contribution (ppb)	NE Anthro Contribution (ppb)	NM Anthro Contribution (ppb)	NV Anthro Contribution (ppb)	OR Anthro Contribution (ppb)	TX Anthro Contribution (ppb)	UT Anthro Contribution (ppb)	WY Anthro Contribution (ppb)	Mexico & Canada Anthro Contribution (ppb)	Other US Anthro Contribution (ppb)	Ocean Anthro Contribution (ppb)	
South Dakota	Custer	460330182	43.55764	-103.48386	58	62.33	3	0.961	59	0	38.45	5.96	3.17	0.36	0.59	2.3	0.31	0.57	0.39	0.11	0.07	0.1	0.5	0.89	3.39	1.05	1.64	0.07
South Dakota	Jackson	460710001	43.74561	-101.94121	58	59.33	9	0.932	58	0	28.2	9.15	1.25	0.82	0.65	4.43	0.1	1.42	0.75	0.1	0.02	1.18	0.28	0.89	1.61	1.48	2.33	0.13
South Dakota	Minnehaha	460930001	44.15536	-103.31576	64	61.33	6	0.945	58	0	33.69	7.24	2.51	0.44	0.79	1.83	0.17	0.77	0.13	0.05	0.13	0.05	0.57	1.07	3.02	1.31	3.84	0.11
South Dakota	Minnehaha	460990008	43.54792	-96.700769	64	67.67	7	0.878	59	0	19.28	13.22	0.93	0.17	0.45	0.49	2.3	3.16	0.26	0.1	0.09	2.28	0.24	0.53	1.45	13.95	0.4	
South Dakota	Union	461270003	42.880212	-96.785339	n/a	63	7	0.872	54	0	20.05	10.36	0.57	0.07	0.33	0.26	1.84	3.44	0.09	0.07	0.08	0.88	0.16	0.43	1.29	14.69	0.25	
Tennessee	Anderson	470010101	35.96522	-84.22316	63	71	10	0.809	57	0	10.32	5.73	1.42	0.04	0.15	0.1	0.23	0.08	0.06	0.02	0.01	1.17	0.06	0.11	0.44	36.93	0.47	
Tennessee	Blount	470090101	35.63348	-83.941606	67	73	10	0.807	58	0	13.69	6.33	1.8	0.04	0.15	0.14	0.31	0.14	0.06	0.02	0.01	0.91	0.08	0.14	0.56	33.87	0.59	
Tennessee	Blount	470090102	35.603056	-83.783611	60	63.67	10	0.792	50	0	12.54	5.47	1.41	0.04	0.12	0.32	0.19	0.09	0.05	0.02	0.01	0.7	0.06	0.12	0.55	28.34	0.55	
Tennessee	Claiborne	470259991	36.46983	-83.826511	63	62.5	10	0.81	50	0	13.54	5.83	0.76	0.04	0.15	0.11	0.27	0.1	0.05	0.03	0.02	0.82	0.06	0.12	0.75	27.56	0.32	
Tennessee	Davidson	470370011	36.205055	-86.74472	66	69	10	0.789	54	0	12.71	6.22	1.14	0.04	0.14	0.11	0.33	0.1	0.05	0.02	0.01	1.27	0.07	0.12	0.92	30.79	0.33	
Tennessee	Davidson	470370026	36.150799	-86.623297	67	74	10	0.782	57	0	15.41	6.37	1.33	0.04	0.16	0.11	0.34	0.1	0.05	0.03	0.01	1.25	0.08	0.13	0.97	31.17	0.29	
Tennessee	DeKalb	470419991	36.0388	-85.7331	62	67	10	0.8	53	0	14.6	6.54	2.4	0.04	0.18	0.11	0.18	0.06	0.05	0.03	0.02	1.32	0.06	0.12	0.54	26.47	0.78	
Tennessee	Hamilton	470651011	35.233476	-85.181581	65	70.67	10	0.77	54	0	10.22	4.99	1.96	0.04	0.16	0.12	0.23	0.11	0.05	0.03	0.02	0.74	0.08	0.16	0.41	34.27	0.77	
Tennessee	Hamilton	470654003	35.102638	-85.162194	68	72	10	0.755	54	0	11.78	4.88	1.21	0.03	0.13	0.09	0.17	0.08	0.04	0.02	0.01	0.85	0.05	0.1	0.53	33.43	0.87	
Tennessee	Jefferson	470890002	36.105629	-83.602077	68	74	10	0.772	57	0	11.85	6.1	1.01	0.05	0.15	0.11	0.21	0.07	0.06	0.02	0.02	0.82	0.06	0.11	0.85	34.9	1.01	
Tennessee	Knox	470930021	36.085508	-83.764806	64	67	10	0.775	51	0	10.33	5.18	0.86	0.04	0.13	0.12	0.22	0.08	0.06	0.02	0.01	0.78	0.06	0.01	0.54	32.5	0.83	
Tennessee	Knox	470931020	36.019186	-83.87381	66	70.5	10	0.795	56	0	10.38	5.54	1.17	0.05	0.15	0.12	0.23	0.07	0.07	0.02	0.01	0.93	0.07	0.11	0.48	35.92	0.63	
Tennessee	Loudon	471050109	35.720894	-84.342193	n/a	72.5	10	0.809	58	0	12.21	6.3	2.46	0.04	0.14	0.13	0.34	0.12	0.06	0.02	0.01	0.92	0.07	0.13	0.63	34.58	0.41	
Tennessee	Meigs	471210104	35.289379	-84.946111	n/a	71.5	10	0.74	52	0	10.29	5.83	1.08	0.05	0.15	0.16	0.22	0.11	0.07	0.03	0.03	1.44	0.09	0.15	0.56	31.08	1.46	
Tennessee	Rutherford	471490101	35.732878	-86.598872	n/a	70	10	0.783	54	0	13.03	6.89	1.62	0.03	0.11	0.11	0.29	0.1	0.04	0.02	0.02	1.22	0.05	0.12	1.13	29.6	0.4	
Tennessee	Sevier	471550101	35.696758	-83.609612	68	70.67	10	0.773	59	0	14.99	5.86	1.66	0.04	0.14	0.12	0.16	0.08	0.05	0.02	0.02	0.75	0.07	0.13	0.79	29.91	0.61	
Tennessee	Sevier	471550102	35.662872	-83.677137	n/a	73	10	0.787	58	0	14.77	6.97	1.27	0.08	0.13	0.13	0.33	0.13	0.09	0.03	0.01	0.94	0.27	0.08	0.86	27.11	0.59	
Tennessee	Shelby	471570021	35.215001	-90.019707	67	76.33	10	0.814	62	0	15.84	6.38	2.36	0.03	0.17	0.09	0.22	0.06	0.05	0.03	0.02	1.31	0.06	0.11	0.67	32.87	0.89	
Tennessee	Shelby	471570075	35.151699	-89.850249	66	75.5	10	0.805	60	0	15.24	6.18	2.22	0.03	0.15	0.08	0.2	0.06	0.05	0.02	0.01	2.27	0.06	0.11	0.64	32.51	0.87	
Tennessee	Shelby	471571004	35.378153	-89.83447	66	74	10	0.806	59	0	15.45	6.66	3.32	0.03	0.13	0.16	0.21	0.08	0.05	0.02	0.02	2.52	0.07	0.12	0.67	29.4	0.68	
Tennessee	Sullivan	471632002	36.541452	-82.42485	66	71	10	0.836	59	0	13.05	5.73	0.83	0.07	0.17	0.15	0.33	0.09	0.09	0.03	0.01	1.11	0.08	0.13	0.64	36.26	0.47	
Tennessee	Sullivan	471632003	36.58211	-82.485742	64	69	10	0.842	58	0	12.73	5.46	0.79	0.07	0.17	0.15	0.32	0.09	0.09	0.03	0.01	1.07	0.08	0.13	0.63	35.78	0.45	
Tennessee	Sumner	471650007	36.29756	-86.653137	67	75.67	10	0.783	59	0	13.46	7.16	0.87	0.04	0.14	0.14	0.34	0.13	0.06	0.03	0.02	1.44	0.09	0.15	1.14	33.65	0.33	
Tennessee	Sumner	471650101	36.453975	-86.564149	n/a	75	10	0.785	58	0	14.58	7.06	0.83	0.04	0.15	0.13	0.31	0.12	0.05	0.03	0.02	1.16	0.08	0.14	0.89	32.88	0.34	
Tennessee	Williamson	471870106	35.95155	-87.137041	61	69.33	10	0.781	54	0	13.27	6.56	0.91	0.01	0.07	0.06	0.21	0.09	0.02	0.01	0.83	0.03	0.07	0.9	30.51	0.53		
Tennessee	Wilson	471890103	36.060833	-86.286261	64	70.33	10	0.788	55	0	13.42	6.94	2.41	0.04	0.19	0.12	0.27	0.09	0.06	0.03	0.02	1.47	0.08	0.14	0.76	28.88	0.39	
Texas	Bell	480271047	31.088002	-97.679374	67	73.67	10	0.848	62	0	20.54	7.35	1.29	0.04	0.12	0.12	0.53	0.17	0.07	0.02	0.02	15.51	0.06	0.12	0.8	14.11	1.52	
Texas	Bexar	480290032	29.51509	-98.620166	73	76.67	10	0.836	64	0	17.95	5.72	1.65	0.04	0.08	0.16	0.64	0.2	0.09	0.01	0.01	22.29	0.06	0.16	1.16	11.55	2.28	
Texas	Bexar	480290052	29.632058	-98.564936	73	80.33	10	0.849	68	0	20	5.94	1.75	0.05	0.09	0.21	0.46	0.19	0.1	0.02	0.01	24.4	0.07	0.19	1.79	11.03	1.84	
Texas	Bexar	480290059	29.275381	-98.311692	64	68.67	10	0.844	57	0	16.35	5.97	1.75	0.04	0.08	0.14	0.41	0.12	0.08	0.02	0.01	18.6	0.08	0.11	1.09	11.65	1.38	
Texas	Brazoria	480391004	29.520443	-95.392509	75	85	10	0.918	78	0	11.46	4.84	1.32	0.02	0.05	0.1	0.32	0.15	0.05	0.01	0.03	37.73	0.03	0.11	0.8	15.99	4.97	
Texas	Brazoria	480391016	29.043759	-95.472946	64	69.33	10	0.869	60	0	10.83	4.43	2.13	0.03	0.05	0.12	0.24	0.06	0.06	0.01	0.01	10.84	0.04	0.1	0.63	20.17	10.47	
Texas	Brewster	480430101	29.30265	-103.17781	62	68.67	8	0.951	65	0	39.04	5.16	1.43	0.14	0.38	0.27	0.34	0.02	0.22	0.02	0.06	3.89	0.2	0.2	7.54	5.91	0.34	
Texas	Cameron	480610006	25.892518	-97.49383	57	60.67	4	0.861	52	0	9.66	5.45	1.88	0.04	0.07	0.1	0.15	0.07	0.07	0.01	0.01	6.32	0.05	0.09	6.83	17.59	3.81	
Texas	Collin	480850005	33.1324	-96.786419	74	81.67	10	0.814	66	0	17.08	7	1.54	0.03	0.09	0.2	0.55	0.16	0.12	0.02	0.01	23.73	0.08	0.16	6.65	12.63	2.35	
Texas	Dallas	481130069	32.820061	-96.860117	71	81.33	10	0.794	64	0	14.71	7.02	1.24	0.05	0.09	0.23	0.52	0.15	0.14	0.02	0.02	28.14	0.09	0.18	1.01	9.81	1.06	
Texas	Dallas	481130075	32.812066	-96.808498	73	80	10	0.794	64	0	14.71	7.0																

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Texas	Tarrant	484392003	32.922474	-97.282098	73	83	10	0.803	66	0	16.69	7.22	1.34	0.04	0.11	0.2	0.64	0.14	0.1	0.02	0.02	0.02	25.66	0.09	0.16	0.94	11.92	1.26
Texas	Tarrant	484393009	32.98426	-97.28221	75	84	10	0.812	68	0	18.92	7.08	1.45	0.03	0.11	0.18	0.64	0.15	0.08	0.02	0.01	0.01	26.39	0.15	0.17	0.7	11.63	0.89
Texas	Tarrant	484393011	32.656357	-97.088585	65	79.33	10	0.793	63	0	15.31	6.97	1.15	0.05	0.1	0.23	0.62	0.13	0.15	0.02	0.02	0.02	26.84	0.1	0.17	0.76	8.86	1.32
Texas	Travis	484530014	30.354436	-97.760255	66	71.33	10	0.828	59	0	11.68	6.6	1.08	0.04	0.09	0.11	0.24	0.08	0.07	0.01	0.01	0.01	24.21	0.05	0.1	0.84	11.55	2.21
Texas	Travis	484530020	30.483168	-97.872301	66	71.67	10	0.833	59	0	14.98	6.74	1.23	0.05	0.11	0.14	0.42	0.16	0.09	0.02	0.02	20.81	0.07	0.15	0.84	11.86	1.98	
Texas	Victoria	484690003	28.83617	-97.00553	65	66.33	10	0.865	57	0	12.99	6.36	1.62	0.03	0.06	0.11	0.26	0.09	0.07	0.01	0.01	0.01	13.77	0.05	0.1	0.74	16.11	4.92
Utah	Box Elder	490030003	41.492707	-112.01886	67	69	10	0.953	65	0	50.93	2.15	1.12	0.28	1.08	0.41	0.21	0.02	0.02	0.13	0.32	0.16	0.14	6.28	0.86	1.01	0.67	0.09
Utah	Cache	490050004	41.731111	-111.8375	n/a	66	10	0.957	63	0	53.48	1.63	0.71	0.3	1.23	0.34	0.01	0.01	0.06	0.28	0.19	0.08	3.15	0.3	0.79	0.66	0.09	
Utah	Carbon	490071003	39.60996	-110.80074	66	68.5	10	0.973	66	0	54.71	1.43	1.62	0.22	1.47	0.4	0.01	0.01	0.35	0.32	0.19	0.12	4.12	0.33	0.75	0.43	0.1	
Utah	Davis	490110004	40.902967	-111.88446	74	69	10	0.959	66	0	53.11	1.75	1.47	0.28	1.07	0.18	0.02	0.01	0.13	0.34	0.18	0.18	5.35	0.29	1.09	0.55	0.08	
Utah	Duchesne	490130002	40.294178	-110.00973	n/a	78	10	0.978	76	0	61.14	1.96	1.22	0.23	1.04	0.59	0.02	0.05	0.18	0.36	0.15	0.17	6.92	0.91	0.77	0.49	0.07	
Utah	Duchesne	490131001	40.208652	-110.84105	n/a	68	10	0.975	66	0	58.47	1.06	0.96	0.13	0.93	0.29	0.01	0.01	0.11	0.21	0.09	0.12	2.12	0.63	0.68	0.33	0.06	
Utah	Garfield	490170004	37.775556	-111.61472	n/a	65	10	0.976	63	0	57.05	0.82	0.08	0.5	2.34	0.17	0	0	0.14	0.28	0.08	0.01	0.41	0.3	0.81	0.25	0.16	
Utah	Salt Lake	490352004	40.736389	-112.21027	n/a	74.33	10	0.965	71	0	58.76	1.9	1.56	0.25	1.25	0.31	0.02	0.01	0.13	0.43	0.17	0.18	4.45	0.45	1.09	0.57	0.11	
Utah	Salt Lake	490353006	40.736389	-111.87222	75	75.33	10	0.961	72	0	59.15	1.81	1.41	0.28	1.13	0.17	0.02	0.01	0.14	0.37	0.2	0.21	5.11	0.4	1.15	0.62	0.11	
Utah	San Juan	490370101	38.45832	-109.82126	64	68.33	10	0.974	66	0	56.61	1.58	0.85	0.77	1.24	0.76	0.01	0.01	0.82	0.33	0.16	0.1	1.79	0.34	0.7	0.35	0.08	
Utah	Tooele	490450003	40.543309	-112.29961	n/a	72	10	0.967	69	0	58.12	1.75	1.22	0.21	1.15	0.27	0.01	0.01	0.11	0.42	0.17	0.15	3.91	0.39	1.01	0.54	0.1	
Utah	Uintah	490471003	40.452267	-109.51039	n/a	76	10	0.971	73	0	57.45	2.1	1.36	0.42	1.35	0.92	0.02	0.04	0.34	0.38	0.16	0.16	6.65	0.84	0.99	0.5	0.08	
Utah	Utah	490490002	40.253611	-111.66305	71	72.33	10	0.958	69	0	58.13	1.47	0.77	0.24	1.15	0.3	0.01	0.01	0.2	0.35	0.06	0.13	4.68	0.46	0.79	0.29	0.09	
Utah	Utah	490495010	40.136336	-111.6605	73	71.33	10	0.967	69	0	59.16	1.26	0.69	0.17	1.01	0.24	0.01	0.01	0.15	0.3	0.08	0.11	4.27	0.39	0.68	0.3	0.08	
Utah	Washington	490530130	37.13983	-113.1506	n/a	71.67	10	0.958	68	0	59.09	1.24	1.17	0.71	3.93	0.11	0	0.11	0.59	0.04	0.08	0.02	0.11	1.38	0.15	0.28		
Utah	Weber	490570003	41.490621	-111.97021	71	70	10	0.963	69	0	53.59	1.93	1.46	0.26	1.07	0.39	0.02	0.02	0.38	0.17	0.15	0.02	0.17	0.53	0.57	1.06	0.16	0.08
Utah	Weber	490571003	41.303614	-111.98787	72	73.33	10	0.953	69	0	54.73	2.1	1.19	0.3	1.14	0.4	0.01	0.02	0.14	0.35	0.17	0.15	6.5	0.71	1.11	0.67	0.1	
Vermont	Bennington	500030004	42.88759	-73.24984	63	64	10	0.786	50	0	12.28	3.5	0.43	0	0.12	0.02	0.06	0.04	0.01	0	0	0	0.2	0.01	0.03	1.76	29.9	0.99
Vermont	Chittenden	500070007	44.52839	-72.86884	61	61.67	10	0.803	49	0	11.6	3.6	0.49	0.01	0.04	0.03	0.09	0.08	0.01	0	0.01	0.26	0.02	0.06	2.9	28.97	1.3	
Virginia	Albemarle	510030001	38.07657	-78.50397	n/a	66.5	10	0.789	52	0	11.28	5.64	0.55	0.03	0.09	0.1	0.28	0.12	0.06	0.01	0.02	0.74	0.04	0.1	1.4	31.6	0.34	
Virginia	Alexandria City	515100009	38.810403	-77.04435	n/a	83	10	0.776	64	0	8.09	5.68	0.7	0.05	0.09	0.12	0.36	0.18	0.08	0.02	0.02	0.82	0.06	0.1	0.87	46.61	0.49	
Virginia	Arlington	510130020	38.8577	-77.05922	72	79.67	10	0.812	64	0	9.42	4.54	0.66	0.03	0.06	0.08	0.19	0.12	0.05	0.01	0.01	0.43	0.04	0.08	0.93	47.29	0.64	
Virginia	Caroline	510330001	38.20087	-77.37742	n/a	72.5	10	0.763	55	0	8.93	5.13	1.48	0.04	0.07	0.1	0.28	0.16	0.07	0.01	0.01	0.62	0.04	0.09	0.95	36.82	0.42	
Virginia	Charles	510360002	37.34438	-77.25295	63	73	10	0.789	57	0	7.01	5.54	1.77	0.03	0.07	0.09	0.31	0.15	0.05	0.01	0.01	0.8	0.04	0.08	0.88	40.17	0.55	
Virginia	Chesterfield	510410004	37.35748	-77.59355	62	70	10	0.802	56	0	6.63	5.21	2.43	0.02	0.07	0.08	0.25	0.13	0.04	0.01	0.01	0.71	0.04	0.07	0.91	38.91	0.54	
Virginia	Fairfax	510590030	38.77335	-77.10468	70	79	10	0.77	60	0	8.86	4.77	0.61	0.03	0.07	0.1	0.22	0.14	0.04	0.01	0.01	0.57	0.04	0.08	0.87	43.69	0.6	
Virginia	Fauquier	510610002	38.47367	-77.76772	59	61	10	0.765	46	0	8.26	5.13	0.49	0.02	0.04	0.07	0.19	0.12	0.04	0	0.01	0.45	0.02	0.06	0.85	30.34	0.49	
Virginia	Frederick	510690010	39.28102	-78.08157	61	65.67	10	0.795	52	0	8.85	5.71	0.77	0.03	0.08	0.07	0.29	0.18	0.04	0.01	0.02	0.53	0.03	0.09	1.2	33.93	0.34	
Virginia	Giles	510719991	37.3297	-80.5578	62	62.5	10	0.825	51	0	11.75	5.66	0.61	0.06	0.12	0.14	0.42	0.17	0.08	0.02	0.01	0.99	0.05	0.1	0.98	30.08	0.22	
Virginia	Hampton City	516500008	37.103733	-76.387017	64	71.67	10	0.744	52	0	7.44	5.44	1.11	0.06	0.11	0.15	0.38	0.17	0.08	0.02	0.02	0.89	0.07	0.11	0.67	34.28	1.52	
Virginia	Hanover	510850003	37.60613	-77.2188	62	72	10	0.784	56	0	7.13	5.36	1.35	0.04	0.09	0.12	0.36	0.16	0.07	0.01	0.01	0.81	0.05	0.09	0.73	39.5	0.44	
Virginia	Henrico	510870014	37.55652	-77.40027	n/a	75.5	10	0.784	59	0	7.9	5.48	1.3	0.04	0.08	0.11	0.32	0.15	0.07	0.01	0.01	0.76	0.05	0.09	0.75	41.46	0.54	
Virginia	Loudoun	511071005	39.02473	-77.48925	67	71	10	0.824	58	0	9.79	4.14	0.64	0.02	0.07	0.07	0.17	0.12	0.04	0.01	0.02	0.33	0.03	0.08	1.06	41.53	0.5	
Virginia	Madison	511330003	38.5231	-78.43471	63	68.67	10	0.773	53	0	9.81	6.35	0.48	0.02	0.08	0.07	0.23	0.15	0.03	0.01	0.02	0.48	0.03	0.08	1.13	33.52	0.31	
Virginia	Page	511390004	38.66373	-78.50462	n/a	65	10	0.776	50	0	9.06	6.07	0.62	0.02	0.07	0.06	0.21	0.14	0.03	0.01	0.02	0.43	0.03	0.08	1.07	32.21	0.27	
Virginia	Prince Edward	511470003	37.710255	-78.39653	60	62	10	0.803	54	0	10.28	4.19	0.43	0.04	0.14</													

State	County	AQS ID	Latitude	Longitude	2016 Design Value (ppb)	2012 Base Design Value-DVB (ppb)	# of days used in the calculation of RRF	Relative Response Factor (RRF)	2023 Future Design Value-DVF (ppb)	Initial Condition (IC) Contribution (ppb)	Boundary Condition (BC) Contribution (ppb)	Bio Contribution (ppb)	Fire Contribution (ppb)	AZ Anthro Contribution (ppb)	CA Anthro Contribution (ppb)	CO Anthro Contribution (ppb)	KS Anthro Contribution (ppb)	NE Anthro Contribution (ppb)	NM Anthro Contribution (ppb)	NV Anthro Contribution (ppb)	OR Anthro Contribution (ppb)	TX Anthro Contribution (ppb)	UT Anthro Contribution (ppb)	WY Anthro Contribution (ppb)	Mexico & Canada Anthro Contribution (ppb)	Other US Anthro Contribution (ppb)	Ocean Anthro Contribution (ppb)
Wisconsin	Taylor	551199991	45.2066	-90.5969	61	63	2	0.872	54	0	20.75	10.14	1.53	0.03	0.31	0.21	3.5	1.08	0.04	0.06	0.08	0.5	0.1	0.36	1.03	14.8	0.32
Wisconsin	Wilas	551250001	46.0519	-89.654	61	62	1	0.837	51	0	16.22	6.24	0.68	0.03	0.04	0.19	0.3	0.12	0.05	0.01	0.03	0.66	0.05	0.21	1.19	25.62	0.2
Wisconsin	Walworth	551270005	42.58009	-88.499046	70	71	10	0.833	59	0	18.44	7.39	0.75	0.04	0.09	0.14	0.54	0.49	0.09	0.01	0.03	1.14	0.05	0.13	1.28	38.31	0.15
Wisconsin	Waukesha	551330027	43.020075	-88.21507	66	67.33	10	0.82	55	0	13.48	6.66	0.83	0.04	0.09	0.12	0.63	0.42	0.08	0.01	0.02	1.15	0.05	0.11	1.06	30.79	0.28
Wyoming	Albany	560019991	41.3642	-106.2399	64	68	10	0.984	66	0	58.29	1.4	1.27	0.12	0.73	1.29	0.01	0.02	0.36	0.15	0.18	0.08	0.97	1	0.38	0.53	0.05
Wyoming	Campbell	560050123	44.6522	-105.2903	58	64	10	0.971	62	0	45.45	4.29	1.15	0.2	0.98	0.48	0.05	0.31	0.07	0.19	0.09	0.16	0.79	5.28	1.1	1.35	0.09
Wyoming	Campbell	560050456	44.146964	-105.52999	60	63.67	10	0.971	61	0	42.94	4.28	1.34	0.32	0.88	0.95	0.07	0.29	0.2	0.17	0.09	0.18	0.94	6.89	1.06	1.05	0.08
Wyoming	Carbon	560070100	41.886944	-107.61666	60	62.67	10	0.979	61	0	51.35	1.43	1.14	0.25	0.86	1.17	0.01	0.01	0.32	0.18	0.18	0.12	1.41	1.64	0.62	0.52	0.06
Wyoming	Fremont	560130099	42.529999	-108.72	63	65.33	10	0.98	64	0	56.41	1.2	1.88	0.05	0.8	0.19	0	0	0.05	0.14	0.19	0.08	0.91	1.05	0.34	0.61	0.04
Wyoming	Fremont	560130232	43.081667	-107.54944	61	64.33	10	0.978	62	0	54.38	1.43	2.33	0.1	0.83	0.14	0	0	0.07	0.19	0.23	0.05	0.66	1.37	0.38	0.63	0.05
Wyoming	Laramie	560210100	41.182227	-104.77833	63	67.5	10	0.947	64	0	43.34	3.97	1.77	0.55	0.77	7.65	0.08	0.15	0.86	0.15	0.06	0.55	0.43	1.57	1.21	0.66	0.11
Wyoming	Sublette	560350097	42.98	-110.353	n/a	64	10	0.983	62	0	54.64	1.35	2.45	0.11	0.38	0.09	0	0	0.06	0.07	0.34	0.06	0.26	1.4	0.39	1.18	0.03
Wyoming	Sublette	560350099	42.719	-109.753	58	72	10	0.981	70	0	60.53	1.28	3.55	0.12	0.98	0.12	0	0	0.06	0.18	0.2	0.05	0.6	1.63	0.42	0.76	0.05
Wyoming	Sublette	560350100	42.7907	-110.0551	62	66.67	10	0.979	65	0	55.51	1.28	3.57	0.05	1.06	0.03	0	0	0.02	0.22	0.24	0.06	0.36	1.36	0.45	0.92	0.06
Wyoming	Sublette	560350101	42.869824	-109.87076	58	65.67	10	0.984	64	0	56.31	1.09	2.79	0.08	0.72	0.11	0	0	0.04	0.13	0.2	0.04	0.52	1.41	0.33	0.73	0.04
Wyoming	Sublette	560350700	42.486361	-110.09886	61	63.5	10	0.979	62	0	50.72	1.18	5.68	0.05	1.05	0.04	0	0	0.02	0.22	0.19	0.05	0.4	1.24	0.44	0.74	0.06
Wyoming	Sublette	560351002	42.373499	-109.56049	60	66.67	10	0.979	65	0	55.01	1.19	4.37	0.07	1.03	0.08	0	0	0.02	0.17	0.19	0.04	0.45	1.34	0.49	0.71	0.07
Wyoming	Sweetwater	560370200	41.677667	-108.02483	55	63	10	0.972	61	0	49.12	1.59	1.52	0.33	1.13	0.63	0.01	0	0.26	0.26	0.17	0.15	1.18	3.39	0.76	0.58	0.07
Wyoming	Sweetwater	560370300	41.750556	-109.78833	66	65	10	0.96	62	0	49.73	1.78	1.21	0.42	1.57	0.34	0.01	0.03	0.29	0.36	0.12	0.18	1.2	3.51	0.89	0.56	0.1
Wyoming	Teton	560390008	43.670833	-110.59947	59	62	10	0.984	61	0	55.47	1.12	1.72	0.01	0.15	0.03	0	0	0	0.02	0.27	0.01	0.26	0.58	0.21	1.08	0.01
Wyoming	Teton	560391011	44.56536	-110.40034	60	64.67	10	0.988	63	0	59.08	1.1	1.47	0	0.12	0.01	0	0	0	0.01	0.23	0	0.21	0.34	0.19	1.06	0.02
Wyoming	Uinta	560410101	41.373097	-111.04237	61	64.33	10	0.96	61	0	53.56	1.25	1.02	0.06	1.85	0.03	0	0	0.03	0.27	0.18	0.09	1.27	0.75	0.71	0.51	0.12