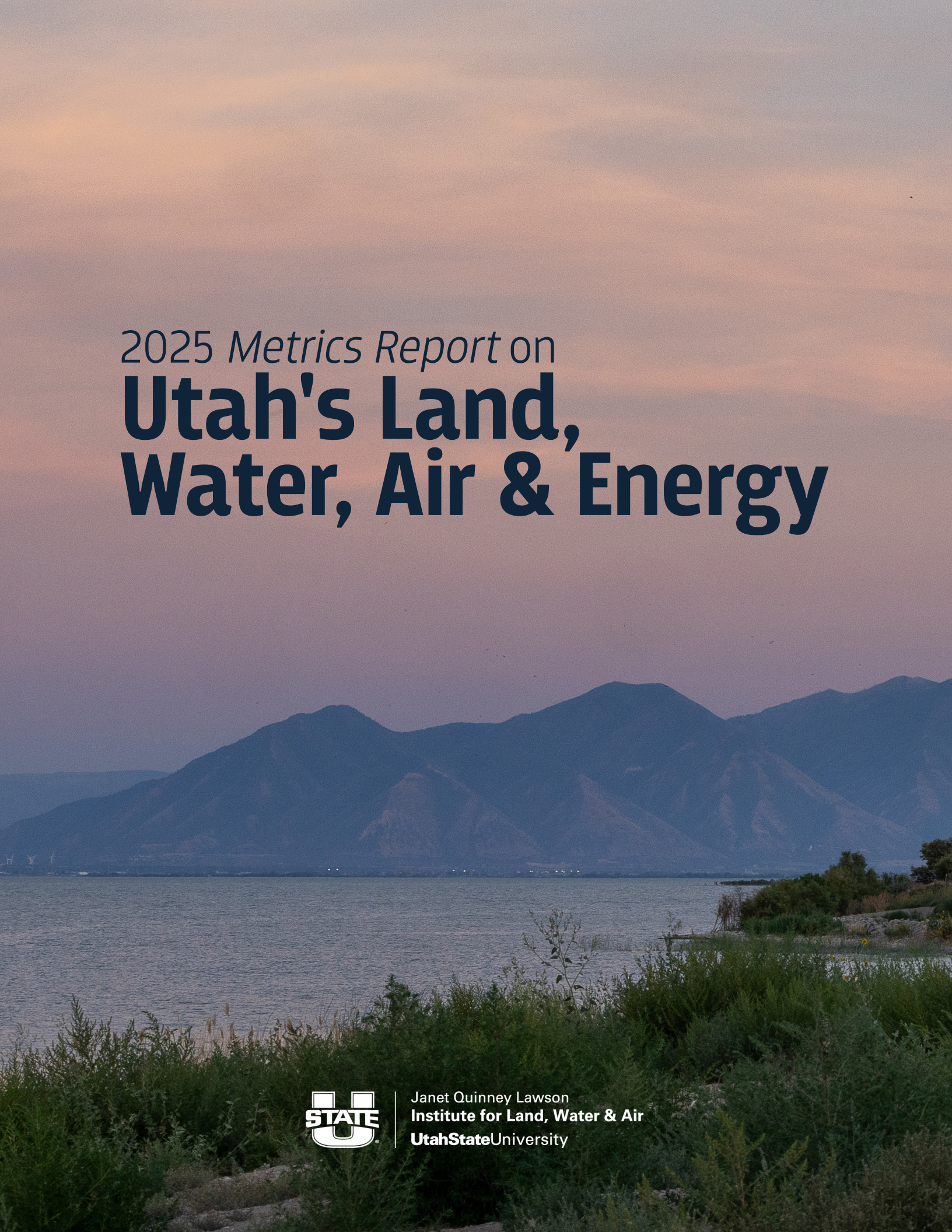

2025 *Metrics Report* on Utah's Land, Water, Air & Energy

Janet Quinney Lawson
Institute for Land, Water & Air
UtahStateUniversity

Need *more* data?

In addition to the quick reference tables and charts provided here, we offer additional historic data, filterable charts and tables, and downloadable content in our online metrics repository. You can access the repository at usu.edu/ilwa/metrics.

To Cite This Report

References in this report are styled in APA format.

APA

Janet Quinney Lawson Institute for Land, Water, and Air. (2025). *2025 Metrics Report on Utah's Land, Water, Air & Energy*. Utah State University.

Chicago/Turabian

Janet Quinney Lawson Institute for Land, Water, and Air. (2025). *2025 Metrics Report on Utah's Land, Water, Air & Energy*. Logan, Utah. Utah State University.

MLA

Janet Quinney Lawson Institute for Land, Water, and Air. *2025 Metrics Report on Utah's Land, Water, Air & Energy*. Utah State University. 2025.

BRIAN STEED
Executive Director

Janet Quinney Lawson Institute
for Land , Water, and Air

Utah State University

In 2024 the Janet Quinney Lawson Institute for Land, Water, and Air released the first ever Metrics Report as a special inclusion in our annual Report to the Governor and Legislature. The success of that initial report inspired us to create an online interactive metrics repository last year. The repository compiles publicly available data from various state and federal agencies. We now release the first stand-alone Metrics Report organizing the most current data from our repository.

In this report we present relevant metrics situating Utah's land, water, air, and energy in digestible charts and tables. In the Land chapter, you will find information regarding public land recreation, wildfire, and wildlife. In the Water chapter, we include information regarding water storage, consumption, and delivery. In the Air chapter, you will find monitoring metrics and measured emissions. Lastly, the Energy chapter highlights Utah's energy assets, generation, and consumption. We would like to specially thank each of our data providers.

Often, quantifying the issue can be the biggest challenge in approaching land, water, and air. While significant data exists, the depth of information provided can be challenging to meaningfully contextualize. This report synthesizes and compiles the wealth of information available into a relevant, digestible format for decision makers and the public alike. We hope to increase data visibility and provide tools for understanding. You can find additional historic data and compile it to answer individual questions in our online metrics repository.

Thank you to Kori Ann Kurtzeborn and the USU students who aided in the compilation of this report: Makenna Roberts, Jacob Kunzler, and Rebecca Ivans.

Report Content

UTAH LAKE AT BLUE HOUR | AARON FORTIN

Data Providers

Thank you to the many state and federal agencies and private entities working to provide public datasets like these.

U.S. National Parks Service

U.S. Environmental Protection Agency

Utah Department of Natural Resources
Division of Oil, Gas, and Mining
Division of State Parks
Division of Water Resources
Division of Wildlife Resources
Office of Energy Development

Utah Department of Environmental Quality
Division of Air Quality

Division of Water Quality

Utah Geospatial Resource Center

GridInfo.com

OLD MAIN | USU PHOTOSHELTER

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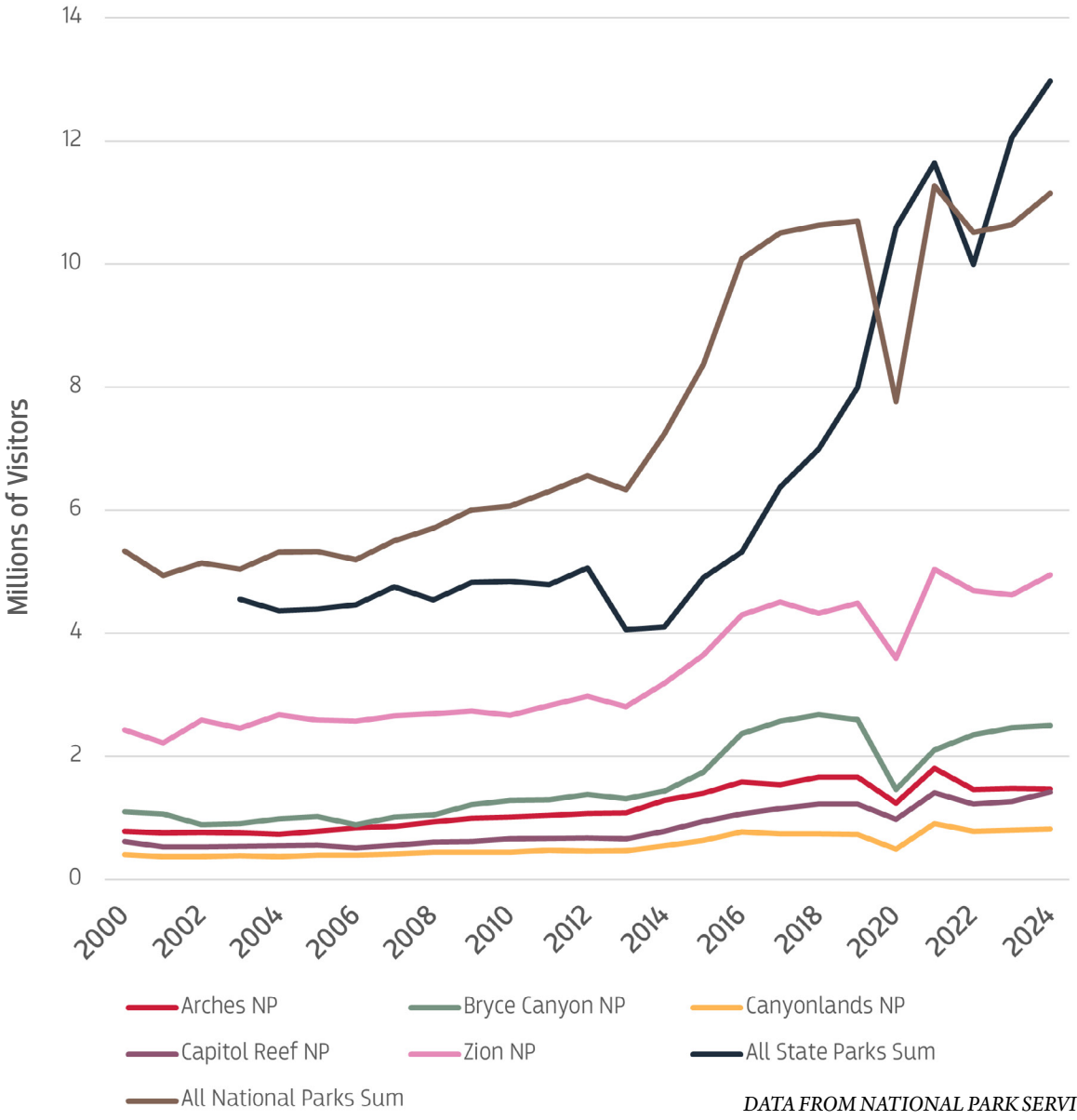
Utah's **LAND** *metrics*

Utah is known nationally for its outdoor recreation amenities. Home to five national parks and 46 state parks, a vast majority of outdoor recreation is on these public lands. All five of Utah's national parks appear in the top 30 most visited national parks nationwide, with Zion being the second-most visited national park. In 2024 Zion saw almost 5 million visitors. Utah's state parks saw nearly 13 million visitors in 2024 collectively. Additionally, the outdoor recreation industry is estimated to contribute $9.5 billion to Utah's state economy, or 3.4% of GDP.

The National Park Service tracks visitor numbers for national parks, while the Utah Division of State Parks monitors visitation at state parks. These datasets provide annual visitor statistics, spanning from the start of reporting for each selected park up to the most recent calendar year. Each park has an issued set of counting procedures to record the number of visitors in the park. These methods can range from traffic counters to door counters or are done manually. This chart shows the rising visitation in each of Utah's national parks, along with the summed visitation for Utah's state parks. Steady increases seen in all of Utah's parks are demonstrative of the importance of Utah's outdoor recreation amenities

L.F1: Utah Park Visitation



DATA FROM NATIONAL PARK SERVICE & UTAH DIVISION OF STATE PARKS

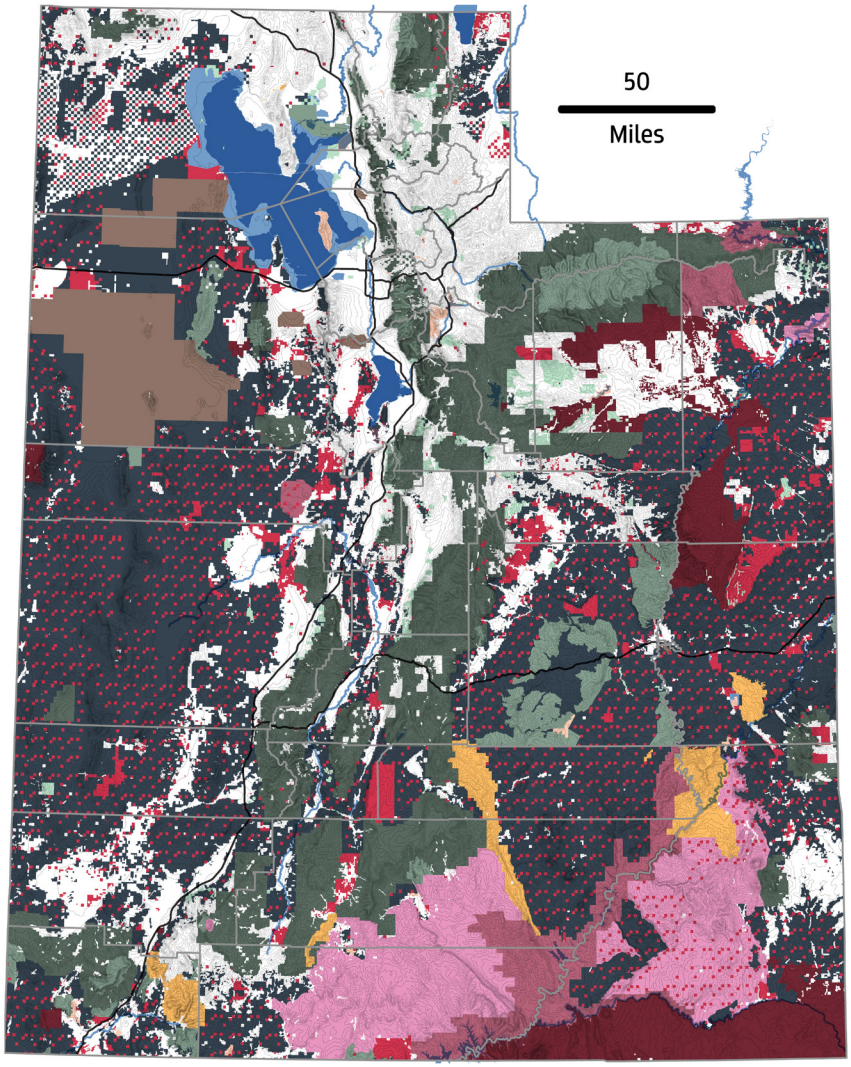
L.T1: National Park Visitation Rankings

1. Great Smoky Mountains
2. **Zion**
3. Grand Canyon
4. Yellowstone
5. Rocky Mountain
6. Yosemite
7. Acadia
8. Olympic
9. Grand Teton
10. Glacier
11. Joshua Tree
12. Cuyahoga Valley
13. Indiana Dunes
14. Gateway Arch
15. **Bryce Canyon**
16. Hot Springs
17. New River Gorge
18. Shenandoah
19. Mount Rainier
20. **Arches**
21. Death Valley
22. Hawai'i Volcanoes
23. **Capitol Reef**
24. Sequoia
25. Badlands
26. Saguaro
27. **Canyonlands**
28. Mammoth Cave
29. Everglades
30. Glacier Bay
31. Theodore Roosevelt
32. Heleakala
33. White Sands
34. Kings Canyon
35. Redwood
36. Big Bend
37. Petrified Forest
38. Biscayne
39. Crater Lake
40. Wind Cave
41. Mesa Verde
42. Denali
43. Carlsbad Caverns
44. Great Sand Dunes
45. Virgin Islands
46. Kenai Fjords
47. Lassen Volcanic
48. Pinnacles
49. Black Canyon of the Gunnison
50. Channel Islands
51. Congaree
52. Guadalupe Mountains
53. Voyageurs
54. Great Basin
55. Dry Tortugas
56. Wrangell-St. Elias
57. Katmai
58. Isle Royale
59. American Samoa
60. Lake Clark
61. Kobuk Valley
62. North Cascades
63. Gates of the Arctic

Public Land Owners

The public lands of Utah are owned and managed by several federal and state agencies. Federal public lands are owned and managed by the Bureau of Land Management, National Forest Service, National Parks Service, Military Institutions, and other relevant federal agencies. State public lands are managed by the Division of Forestry, Fire and State Lands, the Utah Division of State Parks, the Utah Trust Lands Administration, and other relevant state agencies. The Utah Trust Lands Administration manages a patchwork of parcels granted to the state by the federal government at statehood with the purpose of generating revenue for public institutions, primarily schools. These lands are carefully considered for various development, extraction, renewable energy, and other projects for the best benefit to public institutions and sustainability.

L.F2: Utah's Public Land Owners



DATA FROM UTAH GEOSPATIAL RESOURCE CENTER

National Park Visitation

The National Park Service tracks visitor numbers for national parks. These datasets provide annual visitor statistics, spanning from the start of reporting for each selected park up to the most recent calendar year. Each park has an issued set of counting procedures to record the number of visitors in the park. These methods can range from traffic counters, door counters, or are done manually.

L.T2: Utah National Park Visitation

Year	Arches National Park	Bryce Canyon National Park	Canyonlands National Park	Capitol Reef National Park	Zion National Park
2005	781,670	1,017,681	393,381	550,255	2,586,665
2006	833,049	890,676	392,537	511,511	2,567,350
2007	860,181	1,012,563	417,560	554,907	2,657,281
2008	928,795	1,043,321	436,715	604,811	2,690,154
2009	996,312	1,216,377	436,241	617,208	2,735,402
2010	1,014,405	1,285,492	435,908	662,661	2,665,972
2011	1,040,758	1,296,000	473,773	668,834	2,825,505
2012	1,070,577	1,385,352	452,952	673,345	2,973,607
2013	1,082,866	1,311,875	462,242	663,670	2,807,387
2014	1,284,767	1,435,741	542,431	786,514	3,189,696
2015	1,399,247	1,745,804	634,607	941,029	3,648,846
2016	1,585,718	2,365,110	776,218	1,064,904	4,295,127
2017	1,539,028	2,571,684	742,271	1,150,165	4,504,812
2018	1,663,557	2,679,478	739,449	1,227,627	4,320,033
2019	1,659,702	2,594,904	733,996	1,226,519	4,488,268
2020	1,238,083	1,464,655	493,914	981,038	3,591,254
2021	1,806,865	2,104,600	911,594	1,405,353	5,039,835
2022	1,460,652	2,354,660	779,147	1,227,608	4,692,417
2023	1,482,045	2,461,269	800,322	1,268,861	4,623,238
2024	1,466,528	2,498,075	818,492	1,422,490	4,946,592

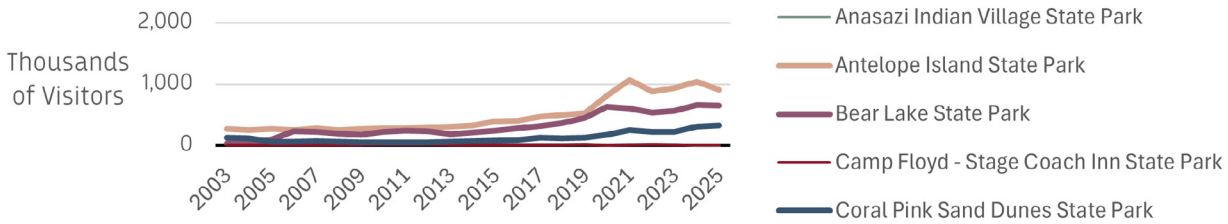
State Park Visitation

The Utah Division of State Parks tracks visitor numbers for national parks. These datasets provide annual visitor statistics, spanning from the start of reporting for each selected park up to the most recent calendar year. Each park has an issued set of counting procedures to record the number of visitors in the park. These methods can range from traffic counters, door counters, or are done manually.

L.T3.1: State Park Visitation: Anasazi Indian Village - Coral Pink Sand Dunes

Year	Anasazi Indian Village State Park	Antelope Island State Park	Bear Lake State Park	Camp Floyd - Stage Coach Inn State Park	Coral Pink Sand Dunes State Park
2005	32,959	272,381	105,849	15,422	65,270
2006	27,614	250,886	232,825	15,850	66,468
2007	26,958	281,266	225,985	15,018	69,509
2008	24,309	256,901	198,141	16,331	62,741
2009	24,883	273,510	175,049	16,213	58,943
2010	21,850	285,390	229,669	16,656	56,939
2011	20,605	282,145	242,749	16,703	52,676
2012	20,119	292,662	234,095	16,609	58,734
2013	19,166	307,239	185,113	13,527	64,430
2014	19,836	328,139	213,346	13,472	73,156
2015	19,253	394,748	245,780	15,446	78,737
2016	21,221	409,246	281,717	13,657	92,010
2017	18,771	475,371	321,277	14,360	130,016
2018	19,751	499,469	364,199	13,774	117,922
2019	19,477	528,865	458,344	16,933	128,558
2020	14,236	815,445	638,798	6,278	177,655
2021	21,640	1,074,569	603,297	8,605	252,623
2022	17,301	885,078	539,173	18,303	229,527
2023	19,949	936,147	569,905	12,238	229,005
2024	787	1,047,499	665,667	11,683	307,823
2025	1,201	912,091	650,819	13,574	328,730

L.F3.1: State Park Visitation: Anasazi Indian Village - Coral Pink Sand Dunes

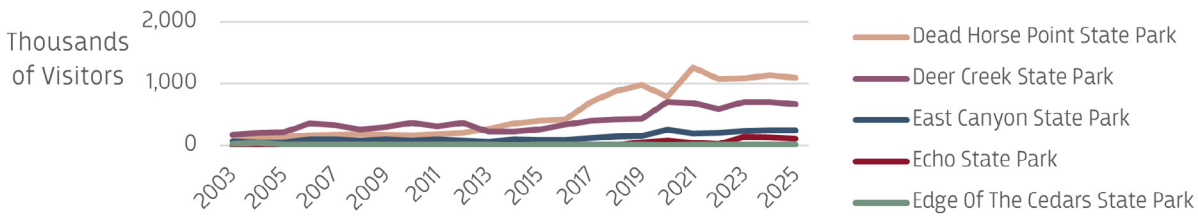


DATA FROM UTAH DIVISION OF STATE PARKS

L.T3.2: State Park Visitation: Dead Horse Point - Edge of The Cedars

Year	Dead Horse Point State Park	Deer Creek State Park	East Canyon State Park	Echo State Park	Edge Of The Cedars State Park
2005	137,265	209,149	55,904	-	10,446
2006	169,206	355,003	95,543	-	17,420
2007	172,176	326,038	98,010	-	17,555
2008	184,560	260,299	79,731	-	13,516
2009	179,157	295,993	99,663	-	11,981
2010	169,595	359,365	83,967	-	12,416
2011	182,419	305,748	100,250	-	14,286
2012	200,620	360,565	82,731	-	10,881
2013	266,263	225,873	64,410	-	9,656
2014	351,743	218,886	95,166	-	8,950
2015	398,094	255,946	92,571	-	10,858
2016	416,180	334,357	92,120	-	10,121
2017	704,841	400,383	120,307	5,777	12,489
2018	880,678	422,119	142,452	6,451	12,212
2019	978,380	433,855	159,881	55,488	12,735
2020	792,099	707,836	252,273	77,726	5,196
2021	1,265,223	688,619	190,084	44,512	12,402
2022	1,069,571	587,052	205,561	25,255	13,776
2023	1,080,536	702,506	232,674	133,437	13,616
2024	1,140,267	702,398	244,207	131,692	13,301
2025	1,090,799	663,397	240,324	113,293	13,578

L.F3.2: State Park Visitation: Dead Horse Point - Edge of The Cedars



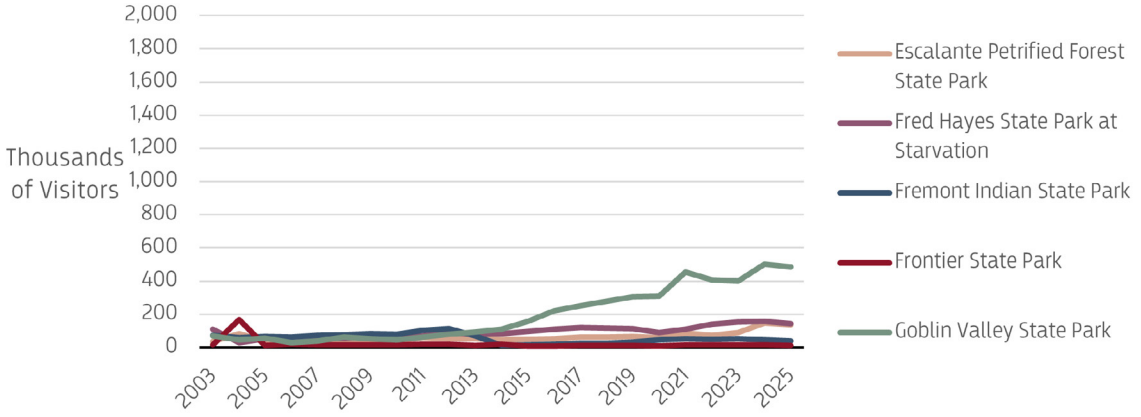
DATA FROM UTAH DIVISION OF STATE PARKS

State Park Visitation - Continued

L.T3.3: State Park Visitation: Escalante Petrified Forest - Goblin Valley

Year	Escalante Petrified Forest State Park	Fred Hayes State Park at Starvation	Fremont Indian State Park	Frontier State Park	Goblin Valley State Park
2005	37,455	51,957	66,235	13,176	56,597
2006	40,451	54,398	64,116	18,498	30,081
2007	39,554	61,351	72,184	15,853	39,529
2008	42,978	56,294	74,919	16,904	63,343
2009	39,599	64,609	82,486	16,881	52,771
2010	40,229	61,539	78,055	16,272	46,270
2011	57,934	70,044	101,993	17,617	61,435
2012	51,774	89,697	113,892	20,127	80,628
2013	53,315	79,967	70,960	12,826	94,222
2014	46,521	83,729	13,092	18,546	108,914
2015	48,678	96,972	16,621	8,435	158,404
2016	53,512	109,588	19,488	10,126	220,738
2017	61,477	119,830	25,000	11,778	251,004
2018	63,471	116,148	25,037	12,302	279,555
2019	66,730	112,753	32,490	12,385	305,325
2020	57,669	90,482	45,317	8,277	309,039
2021	86,049	109,355	52,423	14,669	453,937
2022	73,969	139,477	48,540	15,039	408,343
2023	90,821	153,538	51,605	15,287	398,962
2024	147,720	158,248	46,260	14,555	503,676
2025	137,735	144,878	38,131	12,567	483,792

L.F3.3: State Park Visitation: Escalante Petrified Forest - Goblin Valley

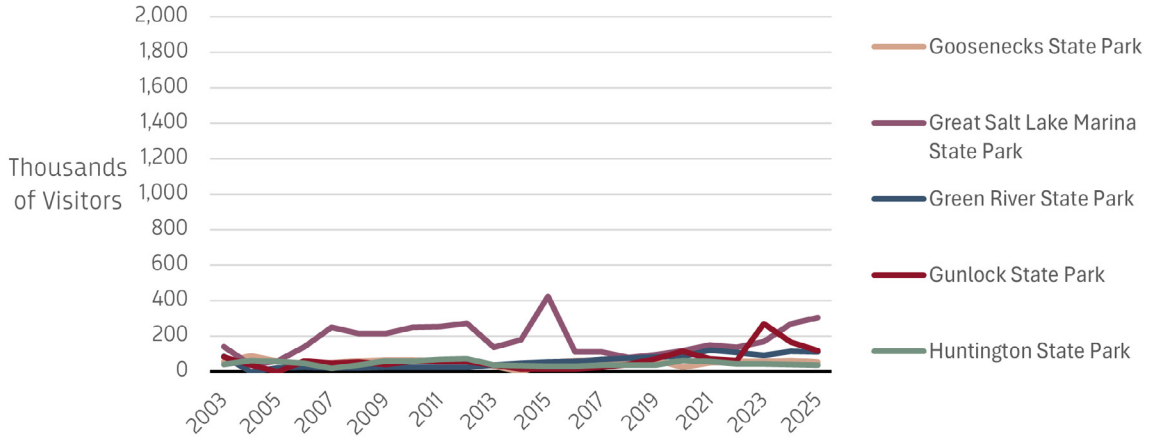


DATA FROM UTAH DIVISION OF STATE PARKS

L.T3.4: State Park Visitation: Goosenecks - Huntington

Year	Goosenecks State Park	Great Salt Lake Marina State Park	Green River State Park	Gunlock State Park	Huntington State Park
2005	58,910	57,966	20,937	-	54,833
2006	40,761	138,763	22,857	60,891	47,848
2007	50,340	250,478	20,217	45,222	19,043
2008	58,096	214,127	21,142	51,915	37,197
2009	66,722	213,289	25,190	41,225	59,459
2010	65,545	249,085	23,282	60,189	60,035
2011	63,778	254,317	23,571	55,912	67,418
2012	69,670	272,842	23,740	55,574	71,757
2013	28,891	136,530	35,482	36,474	38,048
2014	-	177,380	47,326	13,684	32,276
2015	45,351	423,012	52,189	14,621	29,660
2016	61,941	110,845	56,988	14,142	31,435
2017	66,523	112,154	68,039	24,022	35,911
2018	63,445	77,390	74,498	40,126	38,157
2019	66,313	94,687	82,335	71,052	36,803
2020	25,256	118,119	84,413	114,923	63,789
2021	49,385	149,194	120,653	73,335	55,579
2022	55,660	136,170	106,154	61,021	43,233
2023	56,367	169,377	90,002	269,603	42,124
2024	61,028	268,651	113,197	165,979	40,850
2025	51,993	304,671	110,023	116,889	37,608

L.F3.4: State Park Visitation: Goosenecks - Huntington



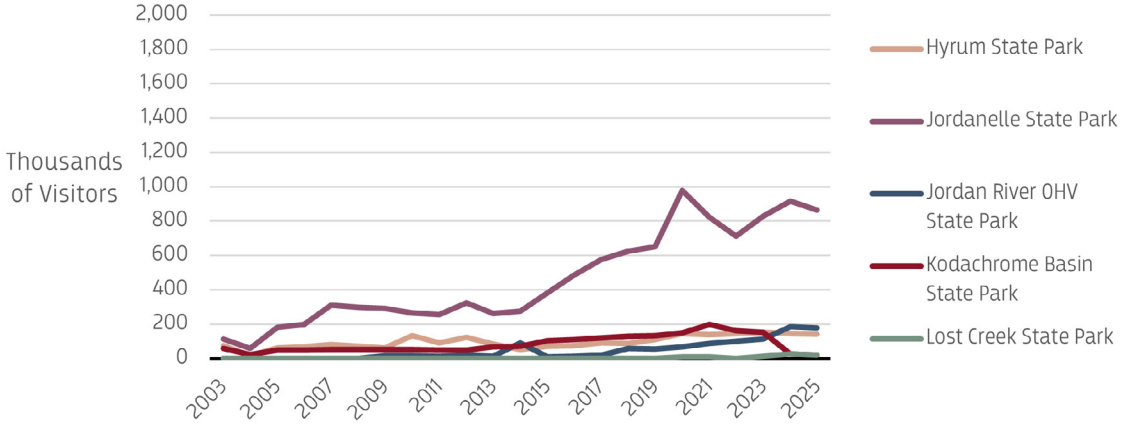
DATA FROM UTAH DIVISION OF STATE PARKS

State Park Visitation - Continued

L.T3.5: State Park Visitation: Hyrum - Lost Creek

Year	Hyrum State Park	Jordanelle State Park	Jordan River OHV State Park	Kodachrome Basin State Park	Lost Creek State Park
2005	62,712	182,895	-	49,700	-
2006	67,980	198,592	-	49,804	-
2007	82,480	310,348	-	52,523	-
2008	70,705	296,781	-	52,712	-
2009	62,961	290,326	17,477	50,939	-
2010	131,973	265,208	15,364	52,654	-
2011	89,885	257,675	11,921	49,806	-
2012	124,958	323,689	18,347	48,407	-
2013	83,526	261,528	13,968	66,858	-
2014	50,827	275,225	91,710	73,002	-
2015	73,225	380,995	10,015	102,840	-
2016	76,239	485,292	13,046	110,517	-
2017	90,280	576,536	19,366	118,790	-
2018	89,305	624,103	59,796	130,860	-
2019	109,971	652,705	55,123	132,202	-
2020	146,846	977,252	69,293	150,144	10,520
2021	139,555	821,719	86,873	199,555	11,599
2022	146,212	712,633	101,398	160,956	93
2023	152,788	829,944	113,729	152,777	13,381
2024	146,026	916,404	184,139	25,462	26,189
2025	141,387	863,823	179,182	20,728	19,930

L.F3.5: State Park Visitation: Hyrum - Lost Creek

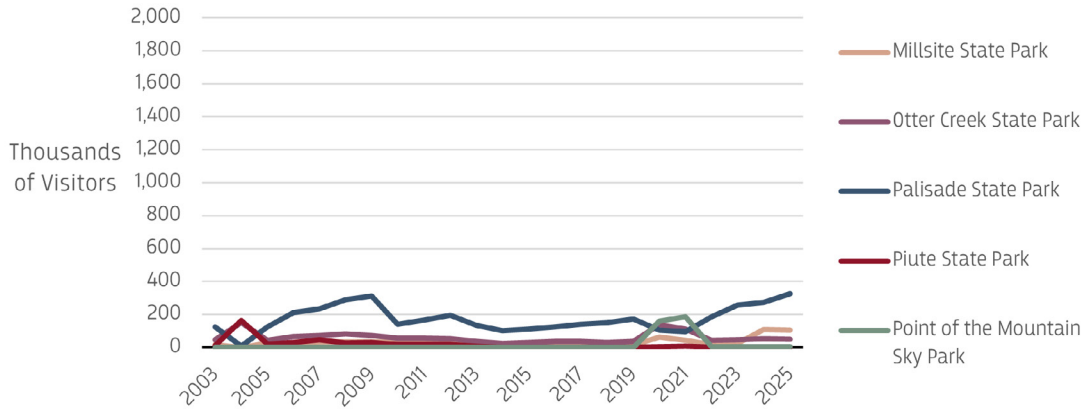


DATA FROM UTAH DIVISION OF STATE PARKS

L.T3.6: State Park Visitation: Millsite - Point of the Mountain Sky

Year	Millsite State Park	Otter Creek State Park	Palisade State Park	Piute State Park	Point of the Mountain Sky State Park
2005	28,044	43,689	125,017	21,990	-
2006	20,353	65,267	211,646	29,609	-
2007	34,923	70,973	233,739	47,918	-
2008	32,383	83,042	290,682	26,230	-
2009	34,266	72,722	313,501	29,249	-
2010	34,782	57,786	141,458	18,294	-
2011	40,487	57,942	167,869	17,531	-
2012	40,959	51,875	195,596	16,739	-
2013	20,615	36,654	135,271	7,983	-
2014	19,960	25,838	100,059	2,143	-
2015	13,030	29,903	110,946	1,636	-
2016	30,902	36,708	123,063	1,184	-
2017	14,078	37,363	140,950	1,084	-
2018	11,065	31,257	151,383	793	-
2019	13,348	38,222	173,421	1,408	-
2020	62,708	137,867	105,477	4,481	159,376
2021	44,914	112,705	96,229	9,167	186,592
2022	18,558	43,833	184,404	535	5,234
2023	23,828	47,820	257,874	1,322	3,827
2024	108,528	52,522	274,715	1,864	3,837
2025	104,831	50,843	324,887	1,712	5,941

L.F3.6: State Park Visitation: Millsite - Point of the Mountain Sky



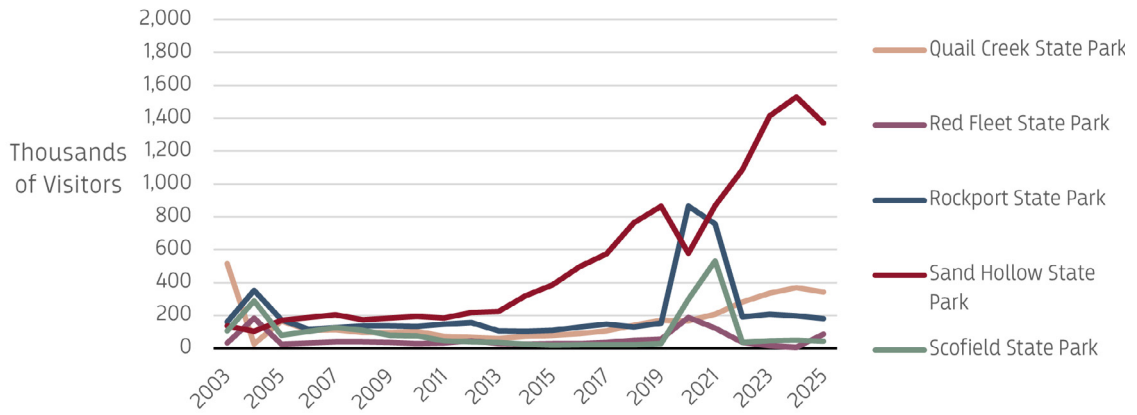
DATA FROM UTAH DIVISION OF STATE PARKS

State Park Visitation - Continued

L.T3.7: State Park Visitation: Quail Creek - Scofield

Year	Quail Creek State Park	Red Fleet State Park	Rockport State Park	Sand Hollow State Park	Scofield State Park
2005	165,702	23,959	172,783	172,179	78,276
2006	108,482	30,818	117,683	186,685	102,276
2007	112,534	38,274	127,832	203,753	126,895
2008	95,239	39,210	135,937	175,587	108,975
2009	97,110	37,222	137,697	185,141	79,862
2010	101,967	28,617	132,415	193,633	75,584
2011	72,366	31,822	146,314	183,691	45,160
2012	64,980	45,142	157,575	217,367	39,779
2013	58,555	28,647	105,717	225,849	36,561
2014	72,110	24,979	104,683	320,150	24,889
2015	78,854	28,096	110,458	386,340	19,789
2016	88,054	27,632	130,282	498,644	20,968
2017	107,622	37,032	146,928	575,184	22,952
2018	141,879	49,580	130,020	763,564	22,167
2019	169,137	56,331	153,244	864,751	28,249
2020	168,067	186,888	864,853	580,051	298,635
2021	206,807	122,726	759,199	870,299	532,605
2022	283,321	36,344	190,419	1,089,087	35,482
2023	336,676	14,008	206,574	1,415,554	45,497
2024	368,835	6,296	196,258	1,530,337	47,550
2025	343,954	87,272	180,803	1,370,202	42,321

L.F3.7: State Park Visitation: Quail Creek - Scofield

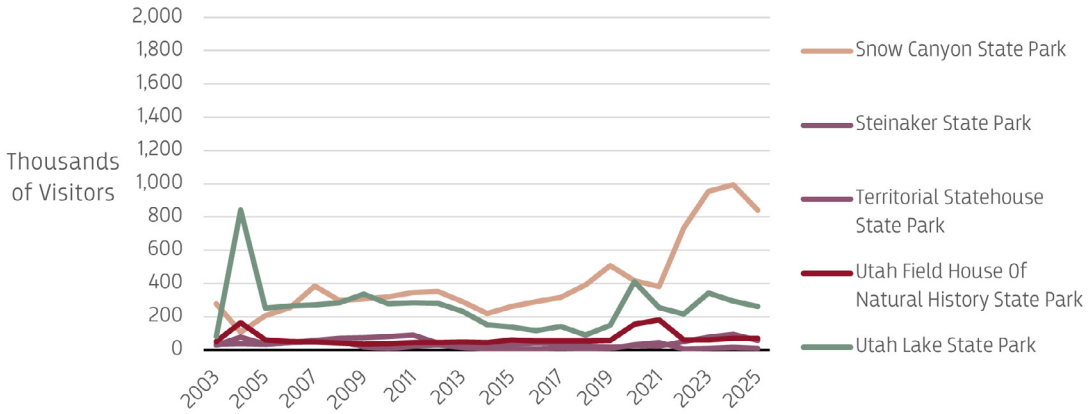


DATA FROM UTAH DIVISION OF STATE PARKS

L.T3.8: State Park Visitation: Snow Canyon - Utah Lake

Year	Snow Canyon State Park	Steinaker State Park	Territorial Statehouse State Park	Utah Field House of Natural History State Park	Utah Lake State Park
2005	206,606	35,136	34,894	60,179	252,565
2006	255,643	45,615	46,794	52,027	265,271
2007	385,963	57,621	50,169	47,070	270,836
2008	299,233	70,312	53,493	42,409	284,740
2009	308,126	73,378	20,562	36,464	336,952
2010	321,752	81,517	8,817	40,356	278,664
2011	344,915	91,434	22,564	44,290	285,359
2012	353,870	43,522	29,079	44,786	280,422
2013	292,332	27,732	14,785	48,680	234,032
2014	220,643	25,024	5,264	45,206	150,899
2015	261,043	36,893	7,751	60,324	140,546
2016	291,573	40,684	7,776	54,821	117,029
2017	318,294	39,365	9,023	53,700	143,802
2018	391,444	26,577	5,697	56,448	89,622
2019	509,348	16,686	10,117	57,381	150,475
2020	418,421	24,517	31,307	155,516	410,395
2021	381,620	22,280	45,365	183,179	255,170
2022	735,329	52,933	6,615	61,657	215,687
2023	954,572	79,299	9,520	60,704	342,885
2024	994,796	94,449	17,296	72,355	296,201
2025	840,624	58,004	8,531	72,649	262,046

L.F3.8: State Park Visitation: Snow Canyon - Utah Lake



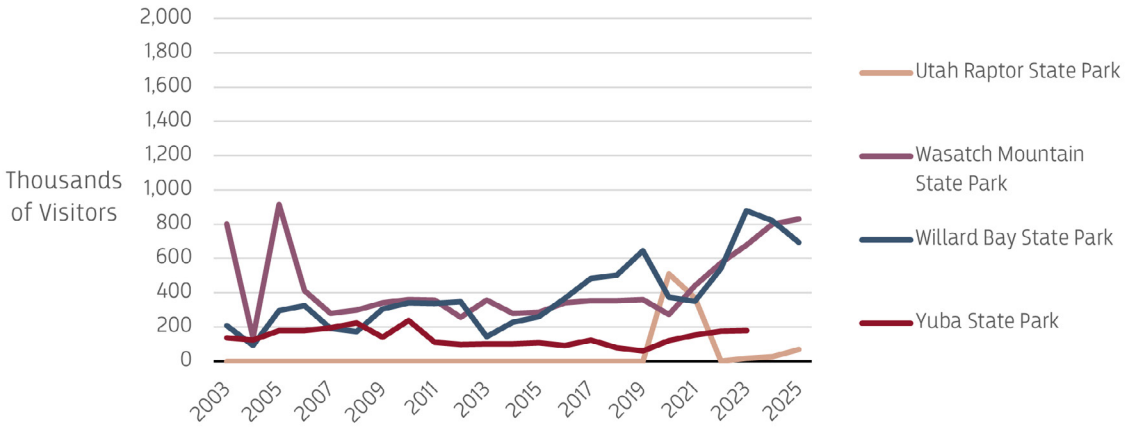
DATA FROM UTAH DIVISION OF STATE PARKS

State Park Visitation - Continued

L.T3.9: State Park Visitation: Utah Raptor - Yuba

Year	Utah Raptor State Park	Wasatch Mountain State Park	Willard Bay State Park	Yuba State Park
2005	-	915,963	297,038	138,233
2006	-	412,283	325,933	122,964
2007	-	279,176	192,224	180,045
2008	-	298,195	171,589	180,059
2009	-	341,881	304,441	194,947
2010	-	359,871	340,645	225,213
2011	-	357,696	337,072	140,965
2012	-	256,887	348,534	237,708
2013	-	358,095	144,008	112,217
2014	-	280,030	227,315	99,237
2015	-	284,865	260,798	102,902
2016	-	340,697	366,251	100,514
2017	-	353,400	482,391	109,231
2018	-	353,727	503,808	92,830
2019	-	360,274	645,381	124,471
2020	508,761	271,566	372,526	77,218
2021	370,997	440,934	352,145	58,710
2022	2,486	574,185	540,910	120,829
2023	17,571	678,082	880,331	152,987
2024	25,688	800,135	818,539	174,584
2025	70,679	830,939	693,237	180,685

L.F3.9: State Park Visitation: Utah Raptor - Yuba



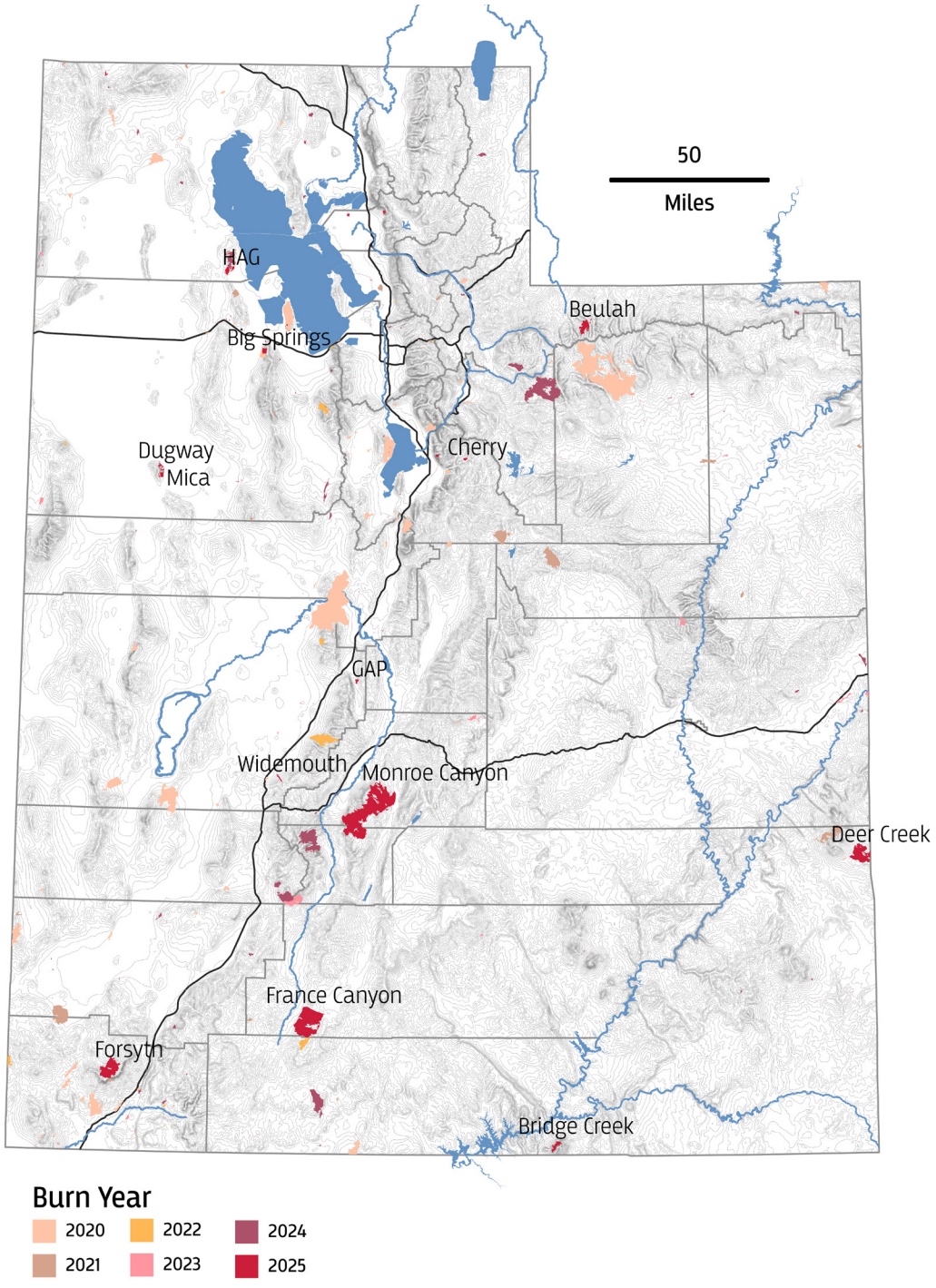
DATA FROM UTAH DIVISION OF STATE PARKS

DEAD HORSE POINT STATE PARK | KORI ANN KURTZEBORN

Wildfire Burn History

This dataset from the National Interagency Fire Center contains historic wildfire perimeter and area information, including key attributes such as the location, size, and cause of fire. Shown on the map are wildfire perimeters at the point of containment from 2020 through 2025 created using satellite imagery. Fires from 2025 burning more than 500 acres are labeled for reference. The table organizes wildfire history from National Interagency Fire Center annual wildfire summary reports for 2006 through 2024, including the number of fires human and naturally caused and the total acres burned.

L.F4: Wildfire Burn Areas



DATA FROM NATIONAL INTERAGENCY FIRE CENTER

L.T4: Wildfire Counts and Acres Burned by Start Type

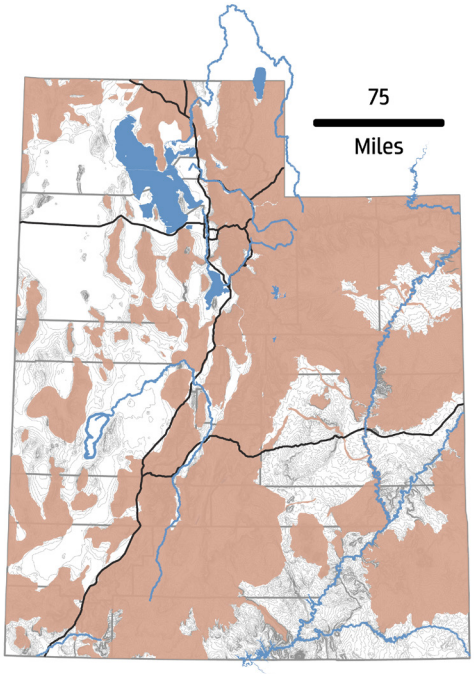
	Number of Human Caused Fires	Number of Lightning Caused Fires	**Total Number of Fires**	Acres Burned in Human Caused Fires	Acres Burned in Lightning Caused Fires	**Total Acres Burned**
2006	-	-		-	-	**367,446**
2007	-	-		-	-	**664,754**
2008	-	-		-	-	**66,170**
2009	-	-		-	-	**140,926**
2010	-	-		-	-	**87,438**
2011	-	-		-	-	**79,137**
2012	-	-		-	-	**431,699**
2013	-	-		-	-	**84,311**
2014	-	-		-	-	**44,056**
2015	-	-		-	-	**29,234**
2016	-	-		-	-	**123,035**
2017	-	-		-	-	**268,346**
2018	695	638	**1,333**	157,482	281,501	**438,983**
2019	690	335	**1,025**	25,748	66,632	**92,380**
2020	1,154	339	**1,493**	105,836	223,899	**329,735**
2021	558	527	**1,085**	23,317	37,546	**60,863**
2022	476	469	**945**	24,281	2,964	**27,245**
2023	374	408	**782**	3,299	14,810	**18,109**
2024	747	464	**1,211**	64,786	25,631	**90,417**

While approximate burn perimeters are available using satellite imagery through the National Interagency Fire Center, exact reports of cause and acreage are not yet available.

Habitat Areas of Big Game Species

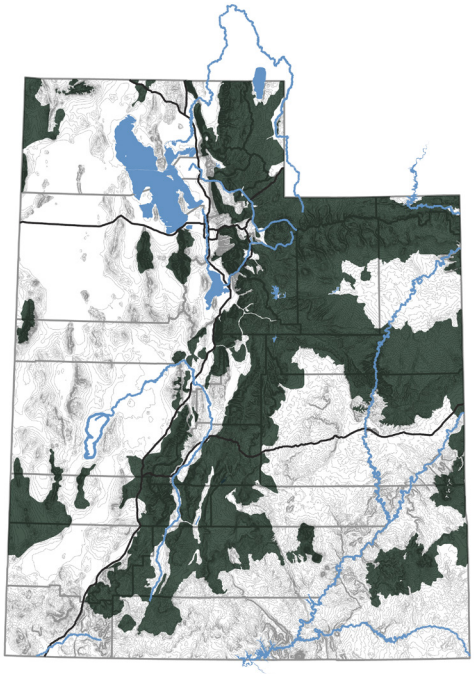
These maps highlight potential habitat areas for big game species in Utah. Habitat areas are determined by local wildlife biologists relying on observations, surveys, and radio/satellite data for use in large-scale planning and reporting. The Utah Division of Wildlife Resources maintains layers of substantial and crucial habitat areas for these and several other species.

L.F5.1: Mule Deer Habitat



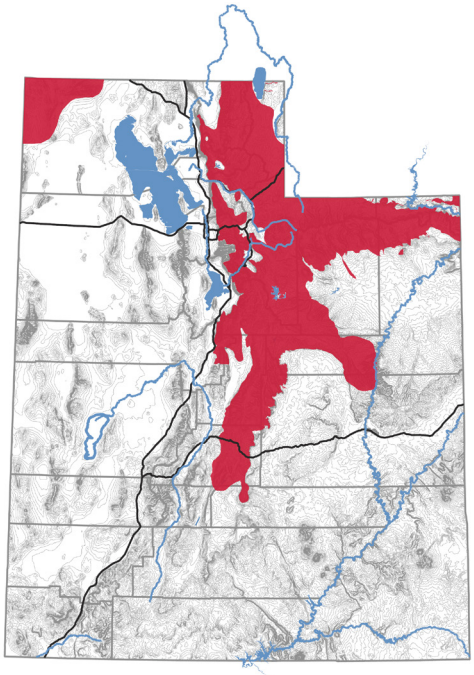
DATA FROM UTAH DIVISION OF WILDLIFE RESOURCES

L.F5.2: Elk Habitat



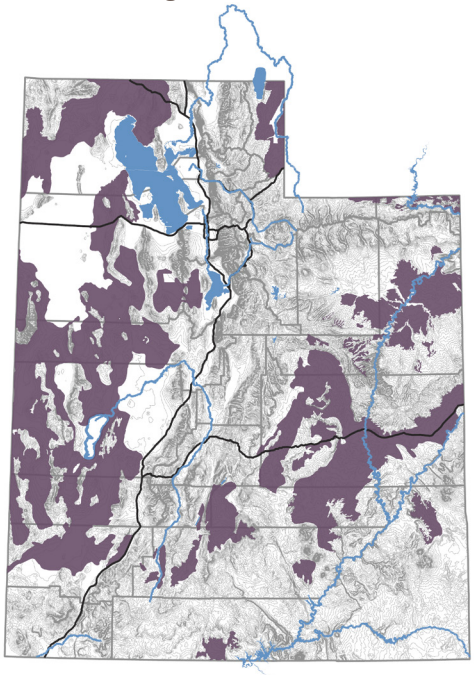
DATA FROM UTAH DIVISION OF WILDLIFE RESOURCES

L.F5.3: Moose Habitat



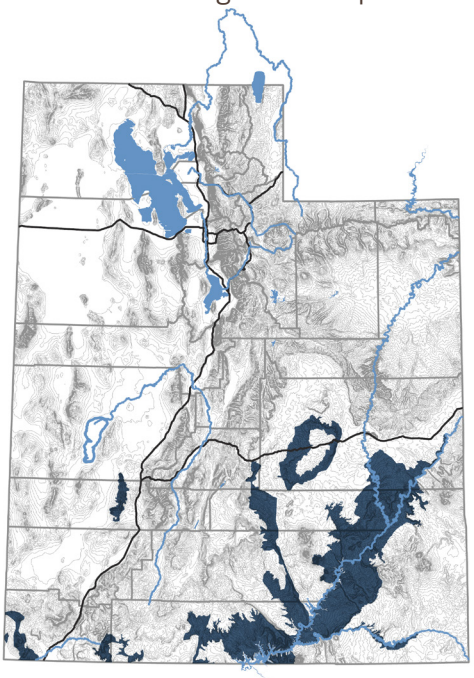
DATA FROM UTAH DIVISION OF WILDLIFE RESOURCES

L.F5.4: Utah Pronghorn Habitat



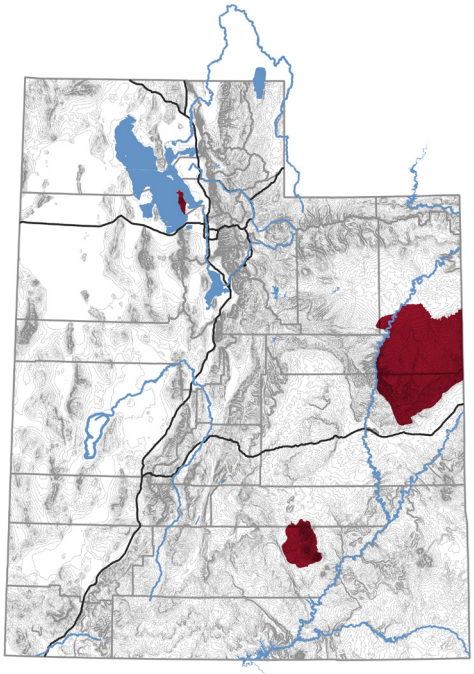
DATA FROM UTAH DIVISION OF WILDLIFE RESOURCES

L.F5.5: Utah Desert Bighorn Sheep Habitat



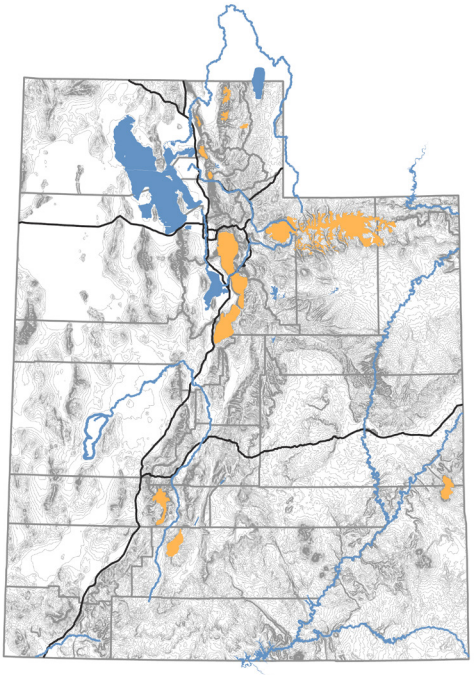
DATA FROM UTAH DIVISION OF WILDLIFE RESOURCES

L.F5.6: Bison Habitat



DATA FROM UTAH DIVISION OF WILDLIFE RESOURCES

L.F5.7: Mountain Goat Habitat



DATA FROM UTAH DIVISION OF WILDLIFE RESOURCES

Big Game Harvest

The Utah Division of Wildlife Resources tracks the number of game harvest permits issued annually by species and types. The number of permits issued is listed here from 2018 through 2024. The success of each hunt is not accounted for in this table.

L.T5: Big Game Harvest Permits Issued

Permit Type & Species	2018	2019	2020	2021	2022	2023	2024
General Harvest Buck Deer	28,908	21,348	20,340	21,947	23,286	17,031	21,194
Limited Entry Buck Deer	2,622	2,413	2,496	2,413	2,396	2,143	2,210
Antlerless Deer	1,209	1,201	604	444	356	180	200
Total Deer	**32,739**	**24,962**	**23,440**	**24,804**	**26,038**	**19,354**	**23,604**
Limited Entry Bull Elk	2,629	2,581	2,665	2,719	2,916	2,722	2,933
Antlerless Elk	5,616	4,912	4,264	4,875	5,304	4,277	4,865
Total Elk	**8,245**	**7,493**	**6,929**	**7,594**	**8,220**	**6,999**	**7,798**
Once In Lifetime Bull Moose	163	159	167	176	173	162	179
Antlerless Moose	24	34	28	13	15	8	8
Total Moose	**187**	**193**	**195**	**189**	**188**	**170**	**187**
Limited Entry Buck Pronghorn	888	983	1,085	1,112	1,205	1,232	1,405
Doe Pronghorn	593	527	463	271	220	148	186
Total Pronghorn	**1,481**	**1,510**	**1,548**	**1,383**	**1,425**	**1,380**	**1,591**
Desert Bighorn Sheep	57	75	83	75	76	76	-
Once In Lifetime Desert Bighorn	57	75	76	71	75	67	69
Rocky Mountain Bighorn Sheep	44	58	71	68	62	62	-
Once In Lifetime Rocky Mtn Bighorn	42	57	67	64	64	53	56
Ewe Bighorn Sheep	0	0	0	1	4	4	4
Total Bighorn Sheep	**200**	**265**	**297**	**279**	**281**	**262**	**129**
Mountain Goat	115	114	117	110	96	85	90
Once In Lifetime Bison	214	183	100	114	144	123	83

Species of Greatest Conservation Need

The Utah Species Protection Account funds projects to protect species listed as Greatest Conservation Need. The list includes species listed by the federal Endangered Species Act along with those identified in the Utah Wildlife Action Plan. These species each have an assigned global G code that ranks their critical need. Species are ranked G1-5. Included here are species ranked G1: Critically Imperiled, G2: Imperiled, or G3: Vulnerable. Species ranked G4 are considered uncommon, and G5 are considered abundant.

L.T6.1-3: Critically Imperiled (G1), Imperiled (G2), and Vulnerable (G3) Species

Species Name	Global Rank
Barneby Ridgecress	G1
Barneby's Reed-Mustard	G2
Bear Lake Sculpin	G3
Bear Lake Whitefish	G1
Bifid Duct Pyrg	G2
Black Canyon Pyrg	G1
Black-footed Ferret	G1
Bonneville Cisco	G3
Bonneville Whitefish	G3
Bonytail	G1
Brian Head Mountainsnail	G1
California Condor	G1
Carinate Glenwood Pyrg	G1
Clay Phacelia	G1
Clay Reed-mustard	G1
Colorado Pikeminnow	G1
Coral Pink Sand Dunes Tiger Beetle	G1
Cross Snaggletooth	G2-G3
Deseret Milkvetch	G1
Deseret Mountainsnail	G2
Desert Springsnail	G2
Desert Tryonia	G3
Despain Pincushion Cactus	G2
Dwarf Bearclaw-poppy	G1
Eureka Mountainsnail	G1
Fat-whorled Pondsnail	G3
Frisco Buckwheat	G1
Frisco Clover	G3

Species Name	Global Rank
Gierisch's Globemallow	G1
Goose Creek Milkvetch	G2
Graham's Beardtongue	G2-G3
Gunnison Sage-grouse	G2-G3
Gunnison's Prairie Dog	G3
Hamlin Valley Pyrg	G1-G2
Heliotrope Milkvetch	G3
Humpback Chub	G1
Isely's Milkvetch	G1
June Sucker	G2
Kanab Ambersnail	G1
Kodachrome Bladderpod	G3
Lamb Rams-horn	G1
Last Chance Townsendia	G2
Least Chub	G2
Longitudinal Gland Pyrg	G1-G2
Lyrate Mountainsnail	G2
Maguire Primrose	G1
Mill Creek Mountainsnail	G1
Mojave Desert Tortoise	G3
Mojave Poppy Bee	G2
Navajo Sedge	G2-G3
Northern Leatherside Chub	G3
Northwest Bonneville Pyrg	G2
Ostler Peppergrass	G1
Otter Creek Pyrg	G1
Paradox Milkvetch	G1
Pariette Cactus	G1

Species Name	Global Rank
Pinyon Jay	G3
Razorback Sucker	G1
Relict Leopard Frog	G1-G2
Roundtail Chub	G3
Shrubby Reed-mustard	G1
Sierra Ambersnail	G3
Siler Pincushion Cactus	G2-G3
Smooth Glenwood Pyrg	G1
Snowy Plover	G3
Southern Leatherside Chub	G2
Southern Tightcoil	G1
Stage Station Milkvetch	G1
Striate Gem	G2
Sub-globose Snake Pyrg	G1
Uinta Basin Hookless Cactus	G2
Utah Physa	G3
Utah Prairie Dog	G2
Ute Ladies' Tresses	G2-G3
Virgin Chub	G1
Virgin Spinedace	G2
Welsh's Milkweed	G1-G2
Western Bumble Bee	G3
Wet-rock Physa	G1
Whooping Crane	G1
Winged Floater	G2-G3
Winkler's Pincushion Cactus	G2
Woundfin	G1
Wright Fishhook Cactus	G2

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FISH CANYON CAVE SPRING | KORI ANN KURTZEBORN

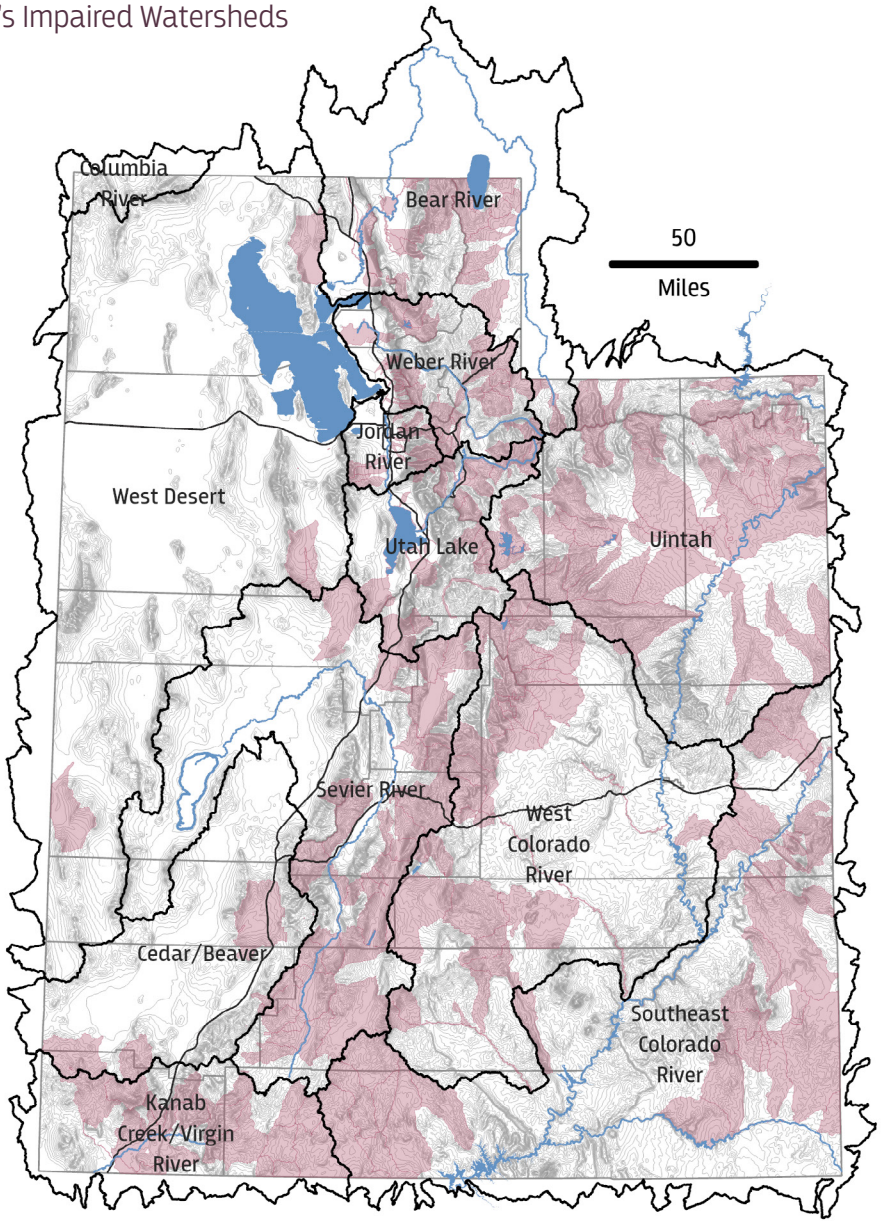
Utah's **Water** *metrics*

Under the Clean Water Act, states submit biennial surface water quality reports to the Environmental Protection Agency assessing whether waters support designated beneficial uses, including; drinking water, recreation, agriculture, and ecological in-stream flows. Waters that fail to meet standards are classified as impaired and require detailed plans outlining pollutant management. Watersheds containing such impairments are highlighted on this map within their respective sub-basin.

Utah is currently ranked 21st nationwide for drinking water quality. Drinking water quality standards are set by the Safe Drinking Water Act and enforced by the Environmental Protection Agency. States are ranked by U.S. News & World Report on drinking water quality by counting the number of public drinking water violations accrued over the past five years per 1,000 residents. The Safe Drinking Water Act also requires drinking water providers to supply Consumer Confidence Reports annually clearly describing water quality for the area and measured contaminant levels.

Together, these metrics reveal critical insights into Utah's water resources regarding surface water impairments and inconsistencies meeting federal standards for drinking water quality. These findings underscore the importance of continued monitoring and investment to ensure safe, reliable water for all uses.

W.F.1: Utah's Impaired Watersheds



DATA FROM ENVIRONMENTAL PROTECTION AGENCY

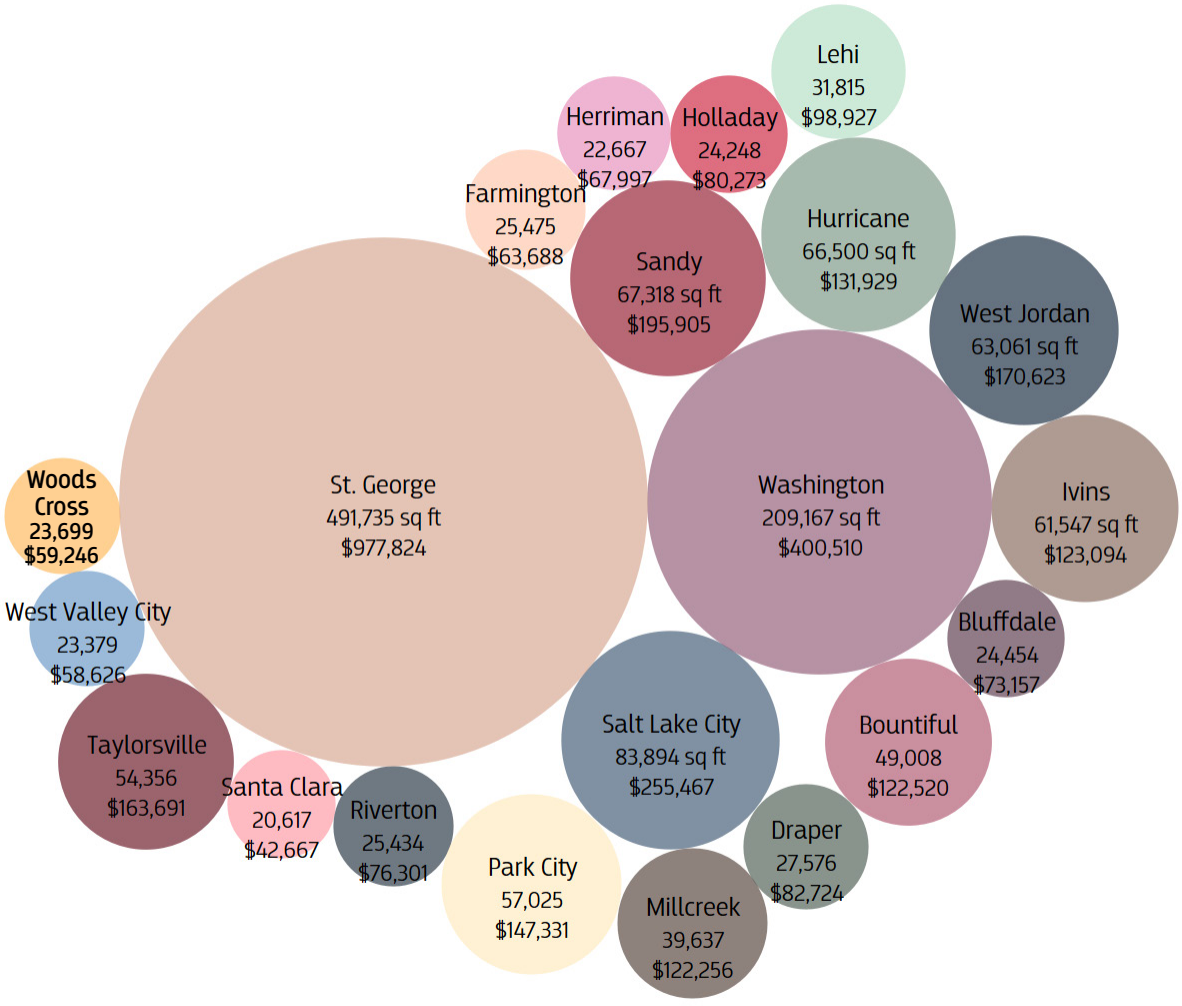
W.T1: State Drinking Water Quality Rankings (U.S. News & World Report)

1. Hawaii
2. Massachusetts
3. Tennessee
4. Alabama
5. South Carolina
6. Kentucky
7. Georgia
8. Delaware
9. Maryland
10. California
11. Ohio
12. Minnesota
13. Florida
14. Virginia
15. Mississippi
16. North Carolina
17. Nevada
18. North Dakota
19. Illinois
20. New York
21. **Utah**
22. Rhode Island
23. Missouri
24. Washington
25. New Jersey
26. South Dakota
27. Nebraska
28. Arkansas
29. Wisconsin
30. Iowa
31. Texas
32. Arizona
33. Colorado
34. Kansas
35. Louisiana
36. Michigan
37. Connecticut
38. Indiana
39. New Mexico
40. Oregon
41. Pennsylvania
42. New Hampshire
43. Idaho
44. Vermont
45. Oklahoma
46. Wyoming
47. West Virginia
48. Montana
49. Maine
50. Alaska

Landscape Incentive Program

Legislation passed in 2023 (S.B. 118) appropriated $3 million ongoing to initiate the Landscape Incentive Program. Aimed at reducing the amount of water consumed in municipal landscaping, the program offers a rebate for landowners who transition their landscape and certify with the Division of Water Resources. In its three years of existence, landowners from over 60 municipalities have participated in transitioning approximately 7 million square feet of municipal landscaping. These data are collected by the Division of Water Resources while the Division validates landscape transition and calculates the appropriate rebate. The chart shows municipalities that transitioned more than 20,000 square feet in 2025 alone. Tables list participating municipalities and the total number of square feet converted with corresponding rebate payouts for each year.

W.F2: 2025 Landscape Incentive Program Replacements > 20,000 sqft and Total Rebate by Municipality



DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T2.1: Landscape Incentive Program Replacement (sq ft) and Rebates: Alpine - Ogden

City	2023 Replaced	2023 Rebate	2024 Replaced	2024 Rebate	2025 Replaced	2025 Rebate	Total Replaced	Total Rebate
Alpine	4,549	$9,483	7,300	$15,774	1,345	$4,034	13,194	$29,291
American Fork	643	$1,286	4,317	$10,817	271	$813	5,231	$12,916
Bluffdale	8,108	$22,504	15,865	$42,780	24,454	$73,157	48,427	$138,441
Bountiful	26,344	$59,243	68,114	$160,512	49,008	$122,520	143,466	$342,274
Cedar City	1,740	$2,610	47,935	$93,912	13,326	$26,652	63,001	$123,174
Cedar Hills	402	$804	10,897	$35,191	-	$-	11,299	$35,995
Clearfield	12,033	$18,527	42,217	$93,083	7,514	$18,785	61,764	$130,394
Clinton	9,596	$23,989	41,725	$104,311	15,991	$39,978	67,311	$168,278
Cottonwood Heights	8,830	$23,234	34,848	$104,678	7,050	$22,966	50,727	$150,878
Diamond Valley	9,375	$24,663	183,431	$524,941	67,318	$195,905	260,124	$745,508
Draper	-	$-	2,148	$4,296	724	$1,448	2,872	$5,744
Elk Ridge	-	$-	42,238	$84,342	20,617	$42,667	62,855	$127,009
Farmington	53,809	$127,081	152,958	$397,706	27,576	$82,724	234,343	$607,511
Farr West	-	$-	2,987	$9,161	2,675	$8,024	5,662	$17,185
Fruit Heights	44,205	$67,923	85,495	$171,146	25,475	$63,688	155,175	$302,757
Heber City	-	$-	1,827	$3,654	3,482	$6,964	5,309	$10,618
Herriman	9,368	$12,958	11,286	$17,753	2,266	$5,665	22,919	$36,375
Holladay	11,112	$24,683	13,382	$29,246	10,248	$25,620	34,743	$79,549
Hurricane	-	$-	13,274	$40,622	8,303	$22,906	21,577	$63,529
Hyde Park	17,947	$24,480	29,724	$48,181	5,984	$14,960	53,655	$87,621
Ivins	-	$-	32,789	$90,668	9,523	$30,006	42,311	$120,674
Kaysville	16,503	$34,997	46,486	$118,654	22,667	$67,997	85,656	$221,648
Kearns	2,666	$5,474	21,923	$65,249	24,248	$80,273	48,837	$150,996
La Verkin	1,687	$3,373	18,228	$53,552	3,297	$9,891	23,212	$66,816
Lehi	-	$-	82,300	$164,600	66,500	$131,929	148,800	$296,529
Liberty	-	$-	12,252	$38,024	15,966	$48,098	28,218	$86,122
Lindon	571,745	$1,125,058	1,163,135	$2,286,865	1,355	$2,710	1,736,235	$3,414,633
Magna	44,662	$77,463	80,321	$163,599	13,171	$32,928	138,155	$273,990
Midvale	7,886	$16,428	76,033	$200,822	54,356	$163,691	138,274	$380,941
Millcreek	-	$-	6,687	$11,964	1,092	$2,184	7,779	$14,148
Moab	-	$-	9,162	$18,324	6,598	$13,196	15,760	$31,520
New Harmony	3,400	$6,800	13,765	$27,530	8,790	$13,790	25,955	$48,120
Nibley	-	$-	2,071	$5,178	4,906	$12,265	6,977	$17,443
North Salt Lake	86,233	$172,466	183,864	$367,435	61,547	$123,094	331,644	$662,995
Ogden	-	$-	1,942	$5,224	-	$-	1,942	$5,224

Landscape Incentive Program - Continued

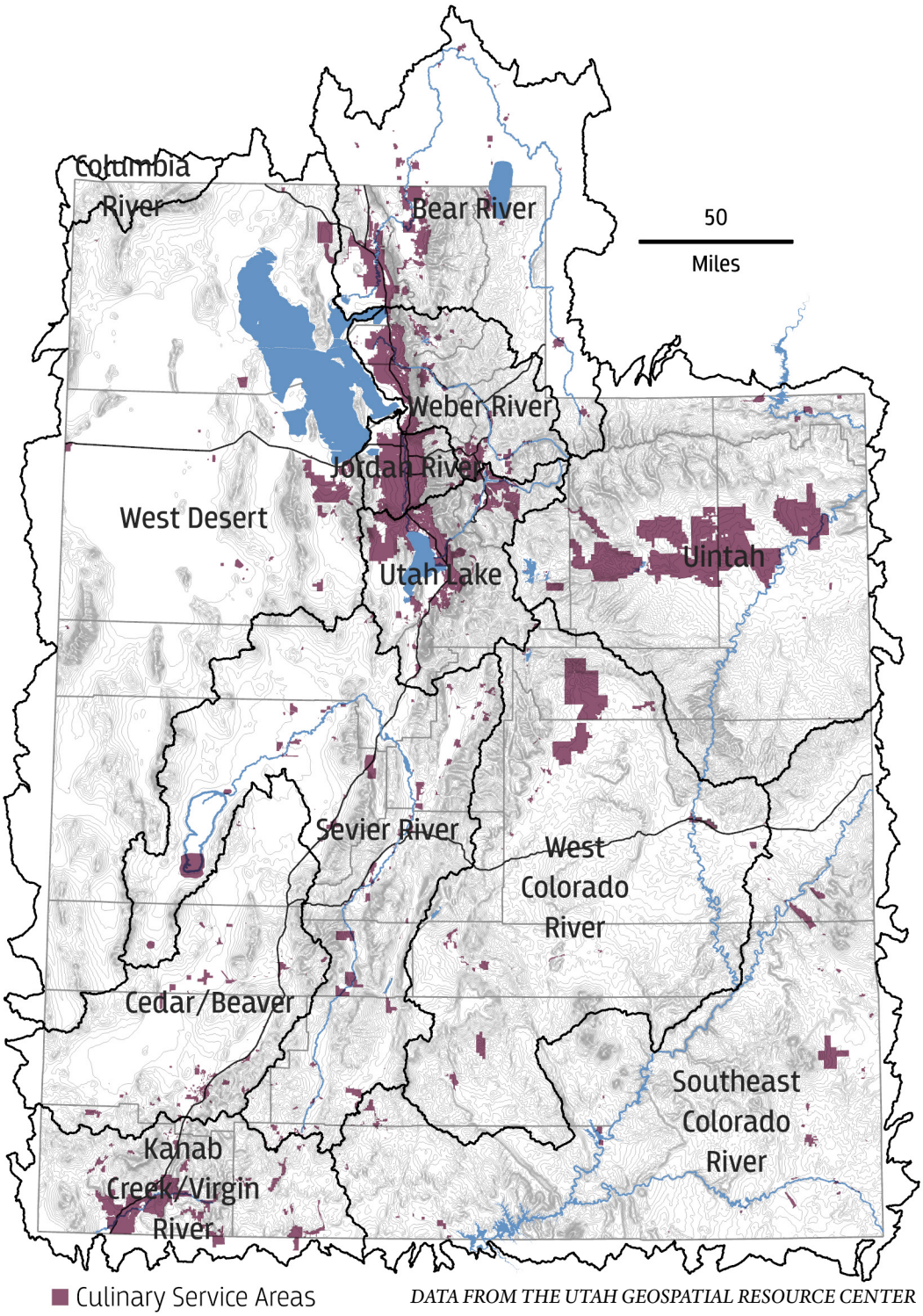
W.T2.2: Landscape Incentive Program Replacement (sq ft) and Rebates: Park City - Woods Cross

City	2023 Replaced	2023 Rebate	2024 Replaced	2024 Rebate	2025 Replaced	2025 Rebate	Total Replaced	Total Rebate
Park City	50,095	$125,237	83,415	$208,538	16,435	$41,088	149,945	$374,862
Payson	33,398	$51,241	51,184	$90,398	-	$-	84,582	$141,640
Riverdale	-	$-	6,495	$12,990	6,491	$12,982	12,986	$25,972
Riverton	27,282	$58,096	77,218	$195,754	31,815	$98,927	136,314	$352,777
Roy	-	$-	6,822	$17,055	-	$-	6,822	$17,055
Salt Lake City	-	$-	24,080	$52,993	-	$-	24,080	$52,993
Sandy	-	$-	17,460	$43,292	7,387	$22,157	24,847	$65,449
Santa Clara	210,134	$391,621	366,275	$703,903	209,167	$400,510	785,576	$1,496,034
Smithfield	7,785	$11,722	9,265	$15,422	615	$1,538	17,665	$28,681
South Jordan	6,755	$11,165	22,155	$49,665	12,079	$30,198	40,990	$91,028
South Ogden	-	$-	9,479	$30,120	7,356	$22,066	16,835	$52,186
South Salt Lake	10,221	$30,338	63,710	$188,054	39,637	$122,256	113,568	$340,648
Spanish Fork	38,627	$88,254	85,006	$201,675	12,960	$32,400	136,593	$322,329
St George	-	$-	11,116	$22,231	1,314	$2,628	12,430	$24,859
Syracuse	-	$-	4,703	$9,406	4,427	$8,854	9,130	$18,260
Taylorsville	-	$-	3,249	$6,346	6,176	$12,352	9,425	$18,698
Tooele	76,961	$202,123	190,103	$492,552	63,061	$170,623	330,125	$865,299
Toquerville	31,320	$71,079	53,292	$124,449	2,963	$7,408	87,576	$202,936
Uintah	21,393	$46,082	83,823	$195,475	23,379	$58,626	128,595	$300,182
Vineyard	-	$-	1,646	$5,698	2,685	$8,056	4,331	$13,754
Washington	-	$-	4,500	$11,249	-	$-	4,500	$11,249
Washington Terrace	1,987	$4,968	59,317	$147,982	57,025	$147,331	118,329	$300,280
West Bountiful	2,344	$2,931	4,168	$7,476	10,688	$32,314	17,200	$42,720
West Haven	8,628	$14,461	15,812	$32,420	4,198	$10,495	28,638	$57,376
West Jordan	26,259	$62,418	60,896	$152,268	25,434	$76,301	112,589	$290,987
West Valley City	46,640	$108,989	66,301	$157,543	8,110	$20,274	121,051	$286,805
White City Metro Township	28,060	$56,235	34,091	$70,058	23,699	$59,246	85,850	$185,539
Woods Cross	173,291	$447,423	383,498	$1,038,665	83,894	$255,467	640,683	$1,741,556

Culinary Water Providers

This map left situates Utah's culinary water service providers. Culinary water is water that has been treated to drinking water standards. Culinary water is provided by municipalities, water conservancy districts, and small residential systems. Individuals outside culinary service boundaries typically receive drinking water from privately owned wells. Well water is generally untreated and is not monitored for potential contamination.

W.F3: Culinary Water Service Areas

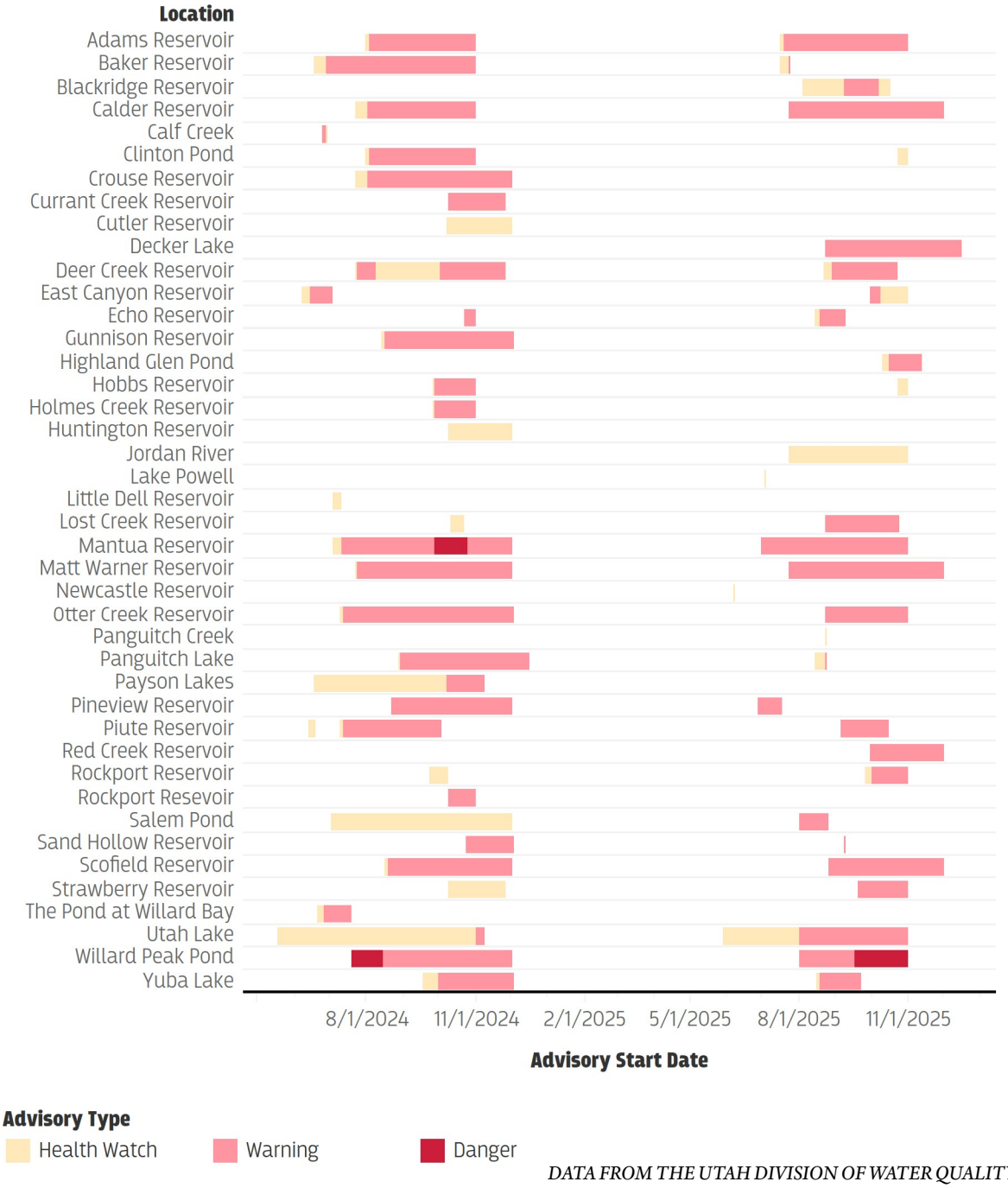


DATA FROM THE UTAH GEOSPATIAL RESOURCE CENTER

Harmful Algae Blooms

The Utah Division of Water Quality is responsible for monitoring the presence of harmful algae in Utah. This dataset details the history of harmful algal blooms (HABs) by waterbody across the state of Utah. Harmful algal blooms are identified with visual surveys and water sample field testing methods. This chart demonstrates the length of bloom per waterbody horizontally, colorized by type for 2024 and 2025. A list of 2025 bloom locations, start dates, lengths, and advisory types is also included for reference. Data is current as of December 2025.

W.F4: 2024-2025 Harmful Algae Bloom Lengths



DATA FROM THE UTAH DIVISION OF WATER QUALITY

W.T3.1: List of 2025 Harmful Algal Blooms

Location	County	Start	Length	Advisory Type
Adams Reservoir	Davis	7/16	2	Health Watch
Adams Reservoir	Davis	7/18	106	Warning
Baker Reservoir	Washington	7/15	8	Health Watch
Baker Reservoir	Washington	7/23	Current 12/1	Warning
Blackridge Reservoir	Salt Lake	8/4	35	Health Watch
Blackridge Reservoir	Salt Lake	9/8	29	Warning
Blackridge Reservoir	Salt Lake	10/7	10	Health Watch
Calder Reservoir	Uintah	7/23	131	Warning
Clinton Pond	Davis	10/23	9	Health Watch
Decker Lake	Salt Lake	8/22	116	Warning
Deer Creek Reservoir	Wasatch	8/21	8	Health Watch
Deer Creek Reservoir	Wasatch	8/29	55	Warning
East Canyon Reservoir: Pratt Group Site	Morgan	10/8	24	Health Watch
East Canyon Reservoir: Taylor Hollow and Big Rock	Morgan	9/30	32	Warning
Echo Reservoir	Summit	8/14	4	Health Watch
Echo Reservoir	Summitt	8/18	22	Warning
Highland Glen Pond	Utah	6/30	51	Health Watch
Highland Glen Pond	Utah	10/10	6	Health Watch
Highland Glen Pond	Utah	10/16	27	Warning
Hobbs Reservoir	Davis	10/23	9	Health Watch
Jordan River (Lehi)	Utah	7/23	8	Health Watch
Jordan River (SLCo line to 9000 S)	Utah	7/31	93	Warning
Jordan River (UC / Lehi)	Utah	7/31	93	Warning
Jordan River (above 9000 S)	Salt Lake	7/31	93	Health Watch
Lake Powell	San Juan	7/2	Current 12/1	Health Watch
Lost Creek Reservoir	Sevier	8/22	63	Warning
Mantua Reservoir	Box Elder	6/30	124	Warning
Matt Warner Reservoir	Uintah	7/23	131	Warning
Newcastle Reservoir	Iron	6/6	0	Health Watch
Otter Creek Reservoir	Piute	8/22	71	Warning
Panguitch Creek	Garfield	8/22	Current 12/1	Health Watch
Panguitch Lake	Garfield	8/14	8	Health Watch
Panguitch Lake	Garfield	8/22	Current 12/1	Warning
Pineview: Anderson Cove	Weber	6/26	15	Warning

Harmful Algal Blooms - Continued

W.T3.2: List of 2025 Harmful Algal Blooms Continued

Location	County	Start	Length	Advisory Type
Pineview: Windsurfer Beach	**Weber**	7/3	14	Warning
Piute Reservoir	**Piute**	9/4	42	Warning
Red Creek Reservoir	**Duchesne**	9/29	63	Warning
Rockport Reservoir	**Summit**	9/25	6	Health Watch
Rockport Reservoir	**Summit**	10/1	31	Warning
Salem Pond	**Utah**	8/1	24	Warning
Sand Hollow Reservoir	**Washington**	9/8	Current 12/1	Warning
Scofield Reservoir	**Carbon**	8/25	98	Warning
Strawberry Reservoir: Jake's Bay	**Wasatch**	9/19	43	Warning
Utah Lake: American Fork Beach	**Utah**	7/11	4	Health Watch
Utah Lake: Lakewide	**Utah**	7/31	93	Warning
Utah Lake: Lincoln Beach and Marina	**Utah**	6/19	42	Health Watch
Utah Lake: Provo Bay	**Utah**	5/28	64	Health Watch
Utah Lake: State Park	**Utah**	7/18	13	Health Watch
Willard Peak Pond	**Box Elder**	7/31	48	Warning
Willard Peak Pond	**Box Elder**	9/17	45	Danger
Yuba Lake	**Juab**	8/15	3	Health Watch
Yuba Lake	**Juab**	8/18	35	Warning

WHITE PINE CREEK | KORI ANN KURTZEBORN

Waterbody Volume at End of Water Year

The Utah Division of Water Resources carefully monitors the fill levels of waterbodies across the state, including both storage reservoirs and naturally occurring water bodies. Water years start and end October 1; this allows for precipitation falling as snow during the winter months to be accounted for the same water year as when it runs off in spring. Additionally, most drainage from storage reservoirs is finished by the end of the water year. Reported here is the volume of each waterbody (reported in acre feet) at the end of the water year.

W.T4.1: Volume at End of Water Year: Bear Lake - Deer Creek Resevoir (acre-ft)

	Bear Lake	Big Sand Wash Reservoir	Causey Reservoir	Cleveland Lake	Currant Creek Reservoir	Deer Creek Reservoir
2005	233,512	-	3,488	-	15,082	117,422
2006	374,533	-	2,302	-	14,176	103,114
2007	236,653	-	2,140	-	14,878	46,996
2008	231,600	-	2,683	-	14,953	73,907
2009	415,700	-	2,723	-	14,383	116,050
2010	390,600	-	2,377	-	14,603	113,423
2011	1,043,000	-	5,035	-	15,119	137,696
2012	764,100	2,500	2,050	2,800	14,076	92,811
2013	548,022	6,599	2,992	2,683	14,684	83,535
2014	512,638	5,653	3,417	3,669	14,858	107,906
2015	473,405	7,343	3,115	2,062	14,900	95,169
2016	417,022	5,870	2,448	1,514	14,475	100,123
2017	1,114,457	8,650	4,637	2,697	14,758	122,615
2018	802,277	1,636	2,320	1,119	14,923	83,796
2019	899,877	7,614	3,885	4,507	15,080	122,929
2020	793,402	1,446	2,364	1,197	14,644	90,758
2021	519,773	1,692	2,998	720	15,252	88,656
2022	381,597	2,906	2,074	2,968	15,133	62,895
2023	777,047	11,528	4,612	4,329	14,576	126,968
2024	883,300	5,086	3,209	3,201	12,593	109,925
2025	708,026	2,037	2,551	1,981	15,303	100,375

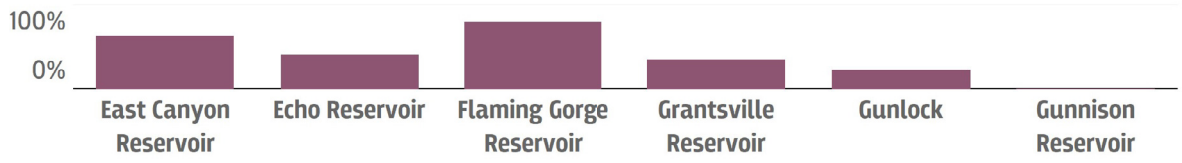
W.F5.1: Fill Percentage at End of 2025 Water Year: Bear Lake - Deer Creek Reservoir

DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T4.2: Volume at End of Water Year: East Canyon Reservoir - Gunnison Resevoir (acre-ft)

	East Canyon Reservoir	Echo Reservoir	Flaming Gorge Reservoir	Grantsville Reservoir	Gunlock	Gunnison Reservoir
2005	31,754	19,762	3,176,863	-	10,400	7,000
2006	33,124	24,115	3,130,386	900	8,000	10,000
2007	25,925	13,450	3,063,461	600	7,100	0
2008	32,408	21,565	3,023,981	600	8,300	4,000
2009	35,786	27,212	3,392,425	800	2,300	3,000
2010	32,901	24,023	3,153,925	800	1,600	3,900
2011	40,752	40,208	3,467,477	2,000	7,000	12,300
2012	20,597	4,652	3,030,414	300	5,900	0
2013	18,197	8,283	2,817,933	800	3,980	0
2014	21,550	10,404	3,284,268	756	3,175	0
2015	20,094	18,887	3,450,076	1,086	2,215	0
2016	20,202	14,175	3,207,378	300	4,000	0
2017	35,645	23,657	3,491,312	-	5,848	0
2018	24,541	8,008	3,378,032	756	7,072	0
2019	36,830	35,975	3,409,995	1,450	8,320	5,700
2020	29,272	13,744	3,194,696	835	4,682	0
2021	21,516	8,259	2,949,700	1,300	4,322	0
2022	25,067	36,642	2,679,648	679	3,809	0
2023	39,041	50,311	3,256,175	1,247	8,330	5,620
2024	34,905	39,571	3,153,540	1,190	4,469	2,530
2025	31,473	29,997	2,998,575	1,164	2,503	200

W.F5.2: Volume at End of Water Year: East Canyon Reservoir - Gunnison Reservoir



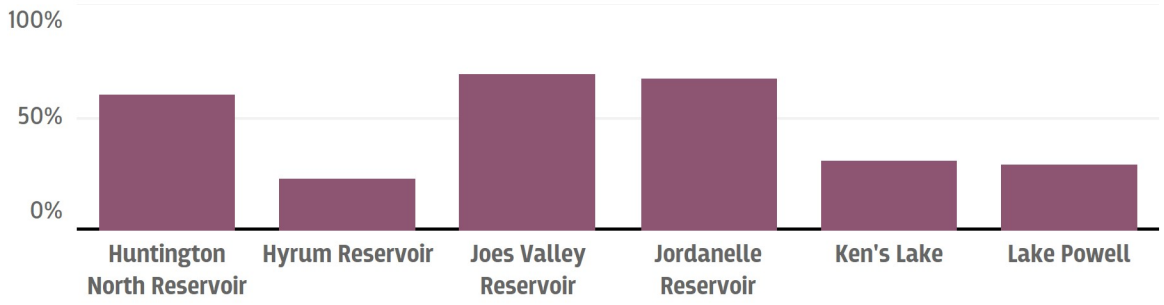
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

Waterbody Volume at End of Water Year - Continued

W.T4.3: Volume at End Of Water Year: Huntington North Reservoir - Lake Powell (acre-ft)

	Huntington North Reservoir	Hyrum Reservoir	Joes Valley Reservoir	Jordanelle Reservoir	Kens Lake	Lake Powell
2005	1,850	6,423	44,218	276,614	2,019	11,939,007
2006	621	9,344	41,102	267,053	724	11,916,846
2007	618	2,333	38,744	234,567	753	11,929,370
2008	1,868	3,512	40,394	244,964	694	14,508,577
2009	1,732	7,682	40,924	246,244	325	15,462,973
2010	817	3,258	40,218	247,816	522	15,266,787
2011	3,680	13,032	46,918	275,519	1,600	17,593,301
2012	1,780	3,905	33,234	202,053	200	13,929,222
2013	1,785	4,067	26,907	167,838	607	10,934,043
2014	2,945	3,205	40,517	202,957	1,133	12,285,625
2015	1,543	3,325	37,399	194,220	1,400	12,332,870
2016	1,374	3,986	30,155	196,981	1,641	12,824,140
2017	2,894	9,765	46,301	259,750	1,248	14,664,438
2018	1,341	3,921	29,901	209,258	0	11,027,712
2019	3,388	9,114	45,554	269,505	1,775	13,277,399
2020	1,774	5,242	40,282	237,908	433	11,370,546
2021	1,194	2,490	21,768	160,443	724	7,257,712
2022	1,948	5,088	29,734	196,572	1,612	5,797,422
2023	2,841	9,472	50,493	265,105	2,142	8,790,352
2024	2,639	7,247	45,757	263,086	1,598	9,141,694
2025	2,541	3,558	42,382	211,346	704	6,748,685

W.F5.3: Fill Percentage at End of 2025 Water Year: Huntington North Reservoir - Lake Powell

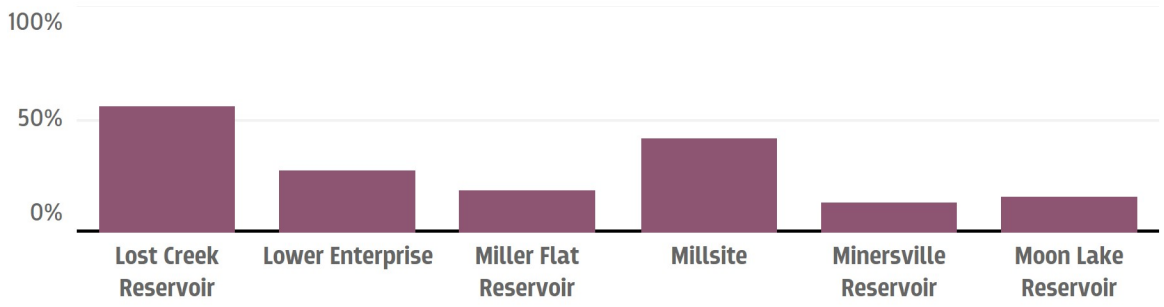


DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T4.4: Volume at End of Water Year: Lost Creek Reservoir - Moon Lake Reservoir (acre-ft)

	Lost Creek Reservoir	Lower Enterprise	Miller Flat Reservoir	Millsite	Minersville Reservoir	Moon Lake Reservoir
2005	15,155	0	-	10,200	11,800	15,533
2006	16,040	1,600	-	14,100	4,600	9,934
2007	12,862	500	-	8,100	2,900	0
2008	15,860	100	-	9,000	2,700	5,752
2009	16,587	0	-	8,600	2,200	6,395
2010	15,068	500	-	9,600	2,200	4,665
2011	18,754	800	-	12,800	15,700	19,303
2012	14,861	500	1,300	7,000	4,500	3,541
2013	10,038	600	2,058	11,559	4,120	10,383
2014	13,098	1,200	2,913	12,105	3,700	14,713
2015	10,637	500	2,582	9,467	2,750	13,660
2016	14,065	300	1,494	11,305	2,750	11,550
2017	17,552	1,000	3,350	1,150	2,500	19,030
2018	13,812	27	831	1,151	2,240	5,571
2019	16,651	0	873	6,298	12,918	20,450
2020	14,656	40	1,250	3,451	3,239	7,026
2021	8,799	984	1,332	3,277	1,668	9,143
2022	8,813	350	1,248	8,376	1,186	15,180
2023	16,605	1,742	3,686	11,519	13,842	23,290
2024	15,455	620	3,282	9,057	8,308	10,280
2025	12,529	702	969	7,517	3,048	5,820

W.F5.4: Fill Percentage at End of 2025 Water Year: Lost Creek Reservoir - Moon Lake Reservoir



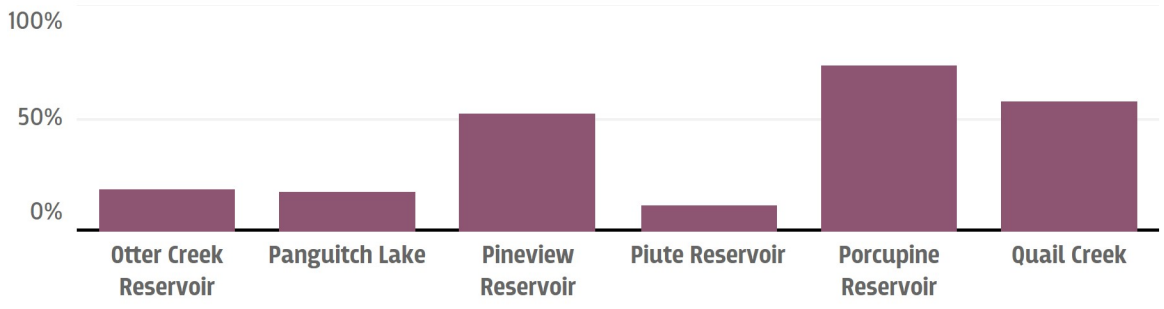
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

Waterbody Volume at End of Water Year - Continued

W.T4.5: Volume at End of Water Year: Otter Creek Reservoir - Quail Creek (acre-ft)

	Otter Creek Reservoir	Panguitch Lake	Pineview Reservoir	Piute Reservoir	Porcupine Reservoir	Quail Creek
2005	41,200	18,100	64,113	54,800	6,000	33,000
2006	18,400	15,800	58,149	24,600	3,300	28,800
2007	13,500	12,900	32,588	15,800	3,800	20,200
2008	11,100	12,900	48,471	8,700	5,000	24,600
2009	8,100	12,300	67,035	3,000	4,700	22,000
2010	20,100	17,500	58,108	8,300	4,800	18,300
2011	43,700	1,600	85,397	61,100	9,000	25,400
2012	24,900	5,100	40,698	15,300	4,000	20,300
2013	22,083	11,423	28,580	24,199	3,500	24,312
2014	22,600	6,079	50,744	8,909	5,400	24,875
2015	16,600	11,900	45,778	2,500	4,900	26,080
2016	20,711	9,460	57,102	0	5,100	29,000
2017	23,994	9,430	74,083	7,489	9,000	24,084
2018	5,860	9,670	41,817	1,629	4,600	26,000
2019	37,560	18,041	74,942	29,516	7,900	26,000
2020	14,803	14,245	47,744	13,459	4,900	24,356
2021	7,376	4,500	17,011	2,610	2,810	24,073
2022	3,841	5,953	36,362	1,515	5,047	24,512
2023	39,203	21,000	84,958	35,244	9,293	29,304
2024	30,468	9,743	74,631	19,432	7,834	23,917
2025	9,766	4,000	57,799	8,449	8,300	23,024

W.F5.5: Fill Percentage at End of 2025 Water Year: Otter Creek Reservoir - Quail Creek



DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T4.6: Volume at End of Water Year: Red Fleet Reservoir - Smith And Morehouse Reservoir (acre-ft)

	Red Fleet Reservoir	Rockport Reservoir	Sand Hollow Reservoir	Scofield Reservoir	Settlement Canyon Reservoir	Smith and Morehouse Reservoir
2005	22,197	48,242	-	40,851	-	6,800
2006	16,502	38,273	-	32,187	400	4,400
2007	15,914	29,954	-	12,211	300	4,400
2008	18,743	42,996	-	19,359	300	2,200
2009	21,145	43,885	-	24,821	100	2,900
2010	17,874	42,996	-	18,003	100	3,514
2011	21,537	54,169	-	50,594	600	6,723
2012	11,513	22,809	40,000	26,999	200	3,262
2013	8,246	16,531	27,249	14,647	180	3,349
2014	7,685	29,648	25,204	10,343	140	6,153
2015	14,846	24,783	31,150	8,182	210	4,034
2016	18,463	22,809	45,500	8,693	160	4,828
2017	17,476	55,681	44,683	46,292	-	4,938
2018	9,699	17,909	45,000	23,273	229	2,345
2019	18,561	43,336	45,000	50,047	398	6,104
2020	14,312	29,448	38,309	32,734	195	2,430
2021	8,147	15,876	34,949	13,720	149	5,180
2022	7,552	33,610	29,459	11,626	170	4,952
2023	19,928	48,176	46,765	54,466	464	5,934
2024	14,457	36,761	41,317	50,568	309	4,533
2025	6,438	25,519	36,348	45,126	322	4,626

W.F5.6: Fill Percentage at End of 2025 Water Year: Red Fleet Reservoir - Smith and Morehouse Reservoir

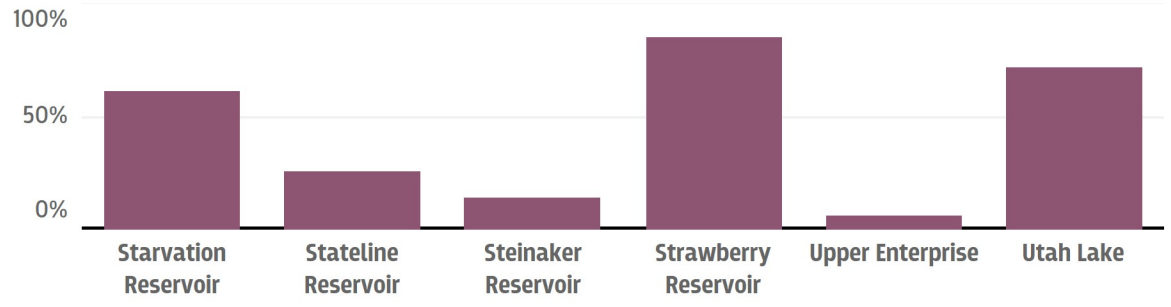
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

Waterbody Volume at End of Water Year - Continued

W.T4.7: Volume at End Of Water Year: Starvation Reservoir - Utah Lake (acre-ft)

	Starvation Reservoir	Stateline Reservoir	Steinaker Reservoir	Strawberry Reservoir	Upper Enterprise	Utah Lake
2005	136,156	6,069	23,831	840,626	8,000	642,778
2006	133,143	5,069	15,056	925,578	7,000	740,748
2007	96,318	3,166	11,890	884,811	0	634,021
2008	104,246	5,221	16,485	934,798	100	655,956
2009	145,008	5,267	19,946	985,184	200	756,164
2010	122,055	5,676	14,916	971,649	2,500	666,542
2011	128,312	7,152	24,795	1,027,100	6,000	887,078
2012	99,292	4,471	6,097	893,988	2,200	597,936
2013	113,343	4,861	3,365	820,243	500	507,346
2014	123,495	8,219	8,387	832,904	1,300	446,542
2015	126,017	5,198	11,862	795,668	500	368,233
2016	123,793	4,929	9,150	769,527	250	287,673
2017	130,730	5,432	7,546	925,262	1,700	480,136
2018	95,831	3,594	-2,866	846,247	228	404,019
2019	139,831	5,915	1,162	968,627	3,000	692,348
2020	113,255	3,854	2,358	929,864	3,700	601,397
2021	96,556	3,823	2,525	811,275	623	413,845
2022	98,843	5,206	8,947	802,636	558	318,252
2023	142,091	7,537	22,493	971,486	6,676	728,594
2024	126,231	4,276	14,714	1,034,935	3,883	732,315
2025	99,742	3,107	4,659	942,302	616	627,631

W.F5.7: Fill Percentage at End of 2025 Water Year: Starvation Reservoir - Utah Lake

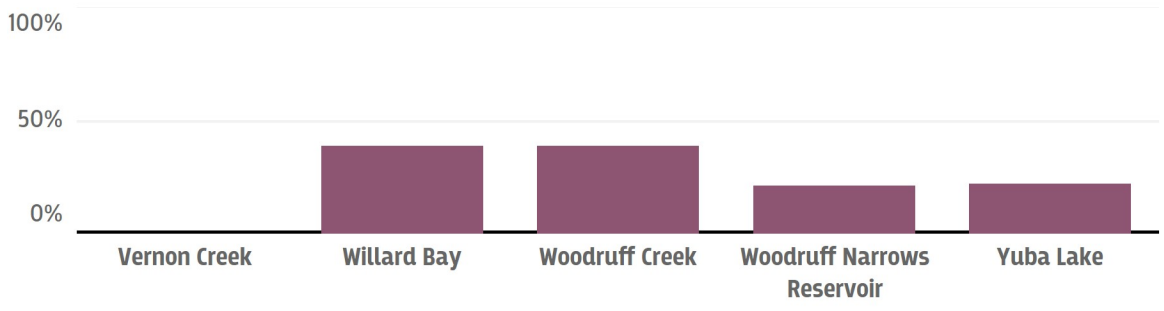


DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T4.8: Volume at End of Water Year: Vernon Creek Reservoir - Yuba Lake (acre-ft)

	Vernon Creek Reservoir	Willard Bay	Woodruff Creek	Woodruff Narrows Reservoir	Yuba Lake
2005	-	181,681		37,500	
2006	200	174,830	1,400	36,300	
2007	200	47,981	700	22,200	
2008	0	70,035	500	40,600	
2009	100	171,556	800	43,700	
2010	100	167,588	500	40,800	
2011	500	190,428	2,000	50,000	
2012	100	128,568	500	6,700	
2013	100	71,185	600	8,802	
2014	100	86,425	950	22,375	
2015	160	81,293	600	37,221	
2016	80	137,628	250	42,164	
2017	-	172,805	1,458	39,563	
2018	-	130,863	0	19,617	
2019	-	174,602	2,000	42,960	
2020	-	142,556	1,635	28,715	
2021	-	78,557	1,260	10,275	
2022	-	72,048	1,728	11,780	
2023	-	188,998	1,050	50,306	
2024	-	171,009	1,545	25,343	
2025	-	83,237	1,560	12,156	50,936

W.F5.8: Fill Percentage at End of 2025 Water Year: Vernon Creek - Yuba Reservoir



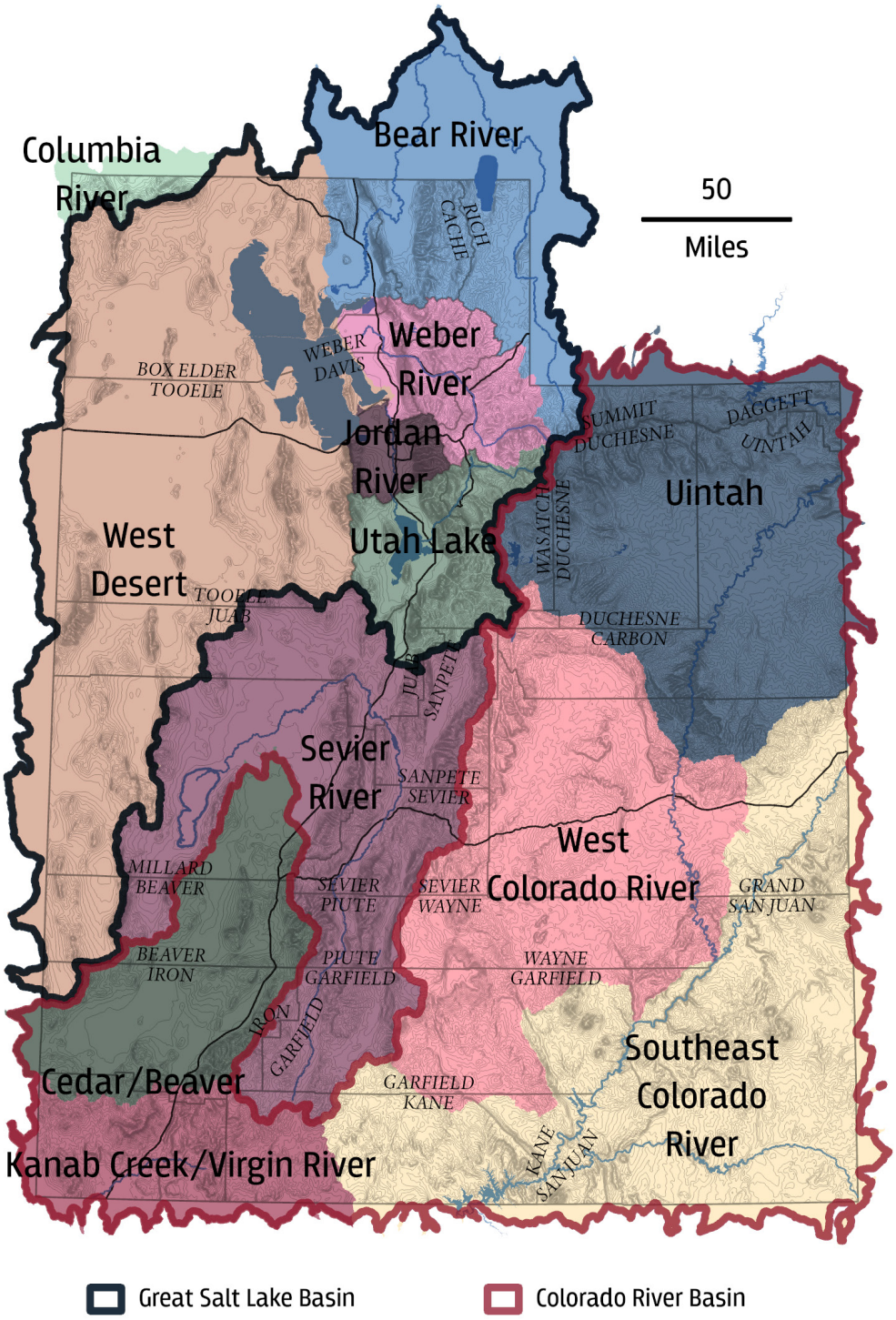
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

Utah Basins and Sub-Basins

The availability and use of water is so influenced by geography that water related datasets are generally published relative to geographic boundaries like watersheds or hydrologic basins rather than political boundaries such as county or municipal areas. A hydrologic basin is defined as a land area where water converges to a common outlet.

This map depicts the hydrologic sub-basins associated with the Utah Division of Water Resources' Water Budget Model, along with the surrounding Great Salt Lake and Colorado River basins. Sub-Basin areas are labeled, and county names are shown in italics to help correlate geographic and political boundaries.

W.F6: Utah Basins and Sub-Basins



DATA FROM THE UTAH DIVISION OF WATER RESOURCES

Precipitation and Depletions by Basin Area

The Utah Department of Natural Resources Water Budget Model combines data from water use sectors (agriculture, municipal and industrial, mineral) and climate data to calculate inputs and outputs for each hydrologic basin. Tables show annual precipitation and categorical depletions from 2010–2024. Precipitation reflects rain and snowfall, while depletions measure water consumed and lost from the system, reported in acre-feet. Agricultural depletions include water diverted and consumed for irrigation; municipal and industrial depletions include water diverted and consumed for culinary use and outdoor watering; and mineral depletions include water consumed for mineral extractions near Great Salt Lake.

W.T5.1: Bear River Basin Precipitation and Depletions (acre-ft)

Year	Precipitation	Agriculture Depletions	Municipal and Industrial Depletions	Mineral Depletions
2010	9,533,300	720,822	38,663	-
2011	9,514,870	707,978	38,260	-
2012	6,980,936	889,655	40,059	-
2013	6,305,539	729,878	39,958	-
2014	10,302,058	709,829	39,171	-
2015	8,057,043	698,627	43,055	-
2016	10,152,753	798,088	43,519	-
2017	11,204,138	729,344	47,264	-
2018	6,847,961	878,586	52,132	-
2019	10,224,641	705,324	46,560	-
2020	6,764,608	812,061	61,855	-
2021	8,436,549	804,679	54,157	-
2022	7,681,142	824,121	49,126	-
2023	11,177,234	833,102	47,393	-
2024	8,516,548	821,254	55,049	-

Precipitation and Depletions by Basin Area - Continued

W.T5.2: Cedar/Beaver Basin Precipitation and Depletions (acre-ft)

Year	Precipitation	Agriculture Depletions	Municipal and Industrial Depletions	Mineral Depletions
2010	6,670,113	226,766	27,106	-
2011	4,499,948	202,137	27,560	-
2012	4,028,654	210,053	27,037	-
2013	4,179,275	198,938	27,414	-
2014	4,203,875	193,495	27,384	-
2015	4,631,588	209,289	28,023	-
2016	4,158,901	228,104	69,505	-
2017	4,397,118	217,786	55,813	-
2018	4,193,848	194,710	70,412	-
2019	5,541,707	213,436	51,869	-
2020	2,112,924	229,895	52,783	-
2021	5,304,867	213,045	54,151	-
2022	4,137,056	208,120	54,371	-
2023	5,865,266	231,317	54,031	-
2024	3,059,805	217,554	55,111	-

W.T5.3: Columbia River Basin Precipitation and Depletions (acre-ft)

Year	Precipitation	Agriculture Depletions	Municipal and Industrial Depletions	Mineral Depletions
2010	732,262	11,309	4	-
2011	600,629	11,519	8	-
2012	578,700	9,021	8	-
2013	493,175	10,946	8	-
2014	827,747	11,592	8	-
2015	669,456	11,646	8	-
2016	799,744	12,150	8	-
2017	910,203	10,982	8	-
2018	666,547	10,504	8	-
2019	1,031,930	11,074	1	-
2020	630,097	11,246	0	-
2021	696,798	11,709	0	-
2022	678,849	9,193	0	-
2023	1,059,494	9,910	0	-
2024	879,289	11,810	0	-

W.T5.4: Jordan River Basin Precipitation and Depletions (acre-ft)

Year	Precipitation	Agriculture Depletions	Municipal and Industrial Depletions	Mineral Depletions
2010	1,123,394	13,397	248,955	-
2011	1,149,237	11,269	252,744	-
2012	819,505	12,957	257,490	-
2013	818,583	10,353	250,931	-
2014	988,716	9,737	252,497	-
2015	952,556	10,757	252,350	-
2016	964,173	12,278	264,065	-
2017	1,086,274	9,319	266,697	-
2018	920,737	11,558	267,271	-
2019	1,452,660	8,343	223,577	-
2020	643,055	12,397	245,141	-
2021	1,073,182	10,855	212,216	-
2022	924,238	9,379	205,970	-
2023	1,289,312	9,108	210,894	-
2024	917,479	8,576	240,062	-

W.T5.5: Kanab Creek/Virgin River Basin Precipitation and Depletions (acre-ft)

Year	Precipitation	Agriculture Depletions	Municipal and Industrial Depletions	Mineral Depletions
2010	5,607,218	44,994	26,495	-
2011	2,813,705	37,569	26,692	-
2012	3,149,194	37,485	26,071	-
2013	3,225,017	37,366	26,295	-
2014	2,969,859	36,290	26,300	-
2015	3,881,841	36,021	31,699	-
2016	3,919,104	35,526	35,917	-
2017	3,051,362	31,390	35,653	-
2018	3,268,530	31,006	38,549	-
2019	5,252,893	36,337	35,298	-
2020	1,793,637	37,053	37,719	-
2021	4,088,114	24,858	34,483	-
2022	3,116,237	26,237	34,706	-
2023	5,135,319	32,659	31,982	-
2024	1,785,427	29,328	36,902	-

Precipitation and Depletions by Basin Area - Continued

W.T5.6: Sevier River Basin Precipitation and Depletions (acre-ft)

Year	Precipitation	Agriculture Depletions	Municipal and Industrial Depletions	Mineral Depletions
2010	11,368,699	490,488	39,780	-
2011	9,376,117	422,882	41,725	-
2012	7,643,124	555,791	41,887	-
2013	8,321,637	451,957	41,702	-
2014	8,415,379	444,515	41,805	-
2015	8,269,135	464,763	48,899	-
2016	7,666,414	493,816	42,093	-
2017	7,860,271	504,525	44,275	-
2018	7,412,469	457,104	42,661	-
2019	10,270,615	468,508	40,766	-
2020	4,112,414	524,846	40,026	-
2021	9,621,283	506,971	37,304	-
2022	7,137,012	489,027	34,495	-
2023	10,190,857	540,105	37,647	-
2024	7,146,955	458,540	44,967	-

W.T5.7: Southeast Colorado River Basin Precipitation and Depletions (acre-ft)

Year	Precipitation	Agriculture Depletions	Municipal and Industrial Depletions	Mineral Depletions
2010	11,693,854	32,552	6,107	-
2011	7,790,959	31,394	6,669	-
2012	6,454,655	32,928	6,573	-
2013	10,366,580	25,627	6,871	-
2014	7,506,359	23,249	6,716	-
2015	13,800,779	27,235	6,529	-
2016	9,369,527	29,778	9,377	-
2017	7,456,745	28,651	8,862	-
2018	7,216,209	24,451	8,574	-
2019	11,296,721	34,178	8,468	-
2020	4,800,966	27,743	7,880	-
2021	9,457,615	27,284	7,272	-
2022	8,488,329	16,363	7,264	-
2023	9,481,079	36,143	7,814	-
2024	8,431,836	24,909	7,407	-

W.T5.8: Uintah Basin Precipitation and Depletions (acre-ft)

Year	Precipitation	Agriculture Depletions	Municipal and Industrial Depletions	Mineral Depletions
2010	11,851,921	375,056	19,880	-
2011	11,351,645	358,181	20,471	-
2012	7,319,831	350,206	20,745	-
2013	9,786,758	362,766	20,577	-
2014	10,107,381	347,013	20,360	-
2015	11,034,680	422,211	20,836	-
2016	11,498,938	385,298	21,032	-
2017	9,826,202	460,427	23,095	-
2018	7,850,956	343,446	23,391	-
2019	12,255,167	412,410	21,322	-
2020	6,097,072	407,181	22,908	-
2021	11,771,253	346,078	21,750	-
2022	9,730,389	411,105	24,262	-
2023	11,455,770	491,433	26,687	-
2024	8,567,870	430,688	27,295	-

W.T5.9: Utah Lake Basin Precipitation and Depletions (acre-ft)

Year	Precipitation	Agriculture Depletions	Municipal and Industrial Depletions	Mineral Depletions
2010	4,255,876	186,740	104,996	-
2011	3,716,311	169,657	103,908	-
2012	2,971,978	215,220	108,910	-
2013	2,818,067	168,353	106,867	-
2014	3,665,580	171,111	107,545	-
2015	2,953,188	186,567	123,846	-
2016	3,239,972	209,930	129,597	-
2017	3,874,808	173,543	133,351	-
2018	3,309,444	218,266	127,098	-
2019	4,613,755	181,767	134,361	-
2020	1,915,333	223,677	139,208	-
2021	3,819,273	211,058	120,343	-
2022	3,163,337	189,225	118,345	-
2023	4,383,876	216,895	120,752	-
2024	3,654,065	191,765	140,862	-

Precipitation and Depletions by Basin Area - Continued

W.T5.10: Weber River Basin Precipitation and Depletions (acre-ft)

Year	Precipitation	Agriculture Depletions	Municipal and Industrial Depletions	Mineral Depletions
2010	3,899,648	133,155	107,128	181,712
2011	3,901,431	117,381	105,427	131,211
2012	2,796,377	154,558	109,353	188,637
2013	2,564,411	129,671	108,298	170,916
2014	3,564,948	114,813	104,962	186,584
2015	3,116,389	117,366	126,300	145,110
2016	3,630,422	132,770	138,664	95,110
2017	4,153,870	119,070	138,598	163,805
2018	2,728,353	155,166	143,309	159,214
2019	4,218,594	111,258	124,179	123,055
2020	2,246,927	147,972	164,096	159,965
2021	3,447,928	153,138	133,087	138,687
2022	3,247,333	127,999	132,228	73,352
2023	4,503,055	138,930	146,981	77,939
2024	3,484,100	119,911	182,313	32,171

W.T5.11: West Colorado River Basin Precipitation and Depletions (acre-ft)

Year	Precipitation	Agriculture Depletions	Municipal and Industrial Depletions	Mineral Depletions
2010	9,950,214	172,356	44,263	-
2011	7,846,741	165,893	44,983	-
2012	6,383,475	161,105	44,877	-
2013	9,306,753	154,994	44,757	-
2014	7,460,993	182,593	44,892	-
2015	10,047,911	180,912	44,930	-
2016	8,230,032	174,987	36,686	-
2017	6,794,067	190,159	38,536	-
2018	6,529,512	142,437	35,937	-
2019	9,604,779	188,641	35,524	-
2020	4,074,803	174,954	33,425	-
2021	9,141,696	131,059	38,881	-
2022	6,618,809	170,499	36,249	-
2023	8,495,547	202,688	26,099	-
2024	6,337,145	167,370	26,712	-

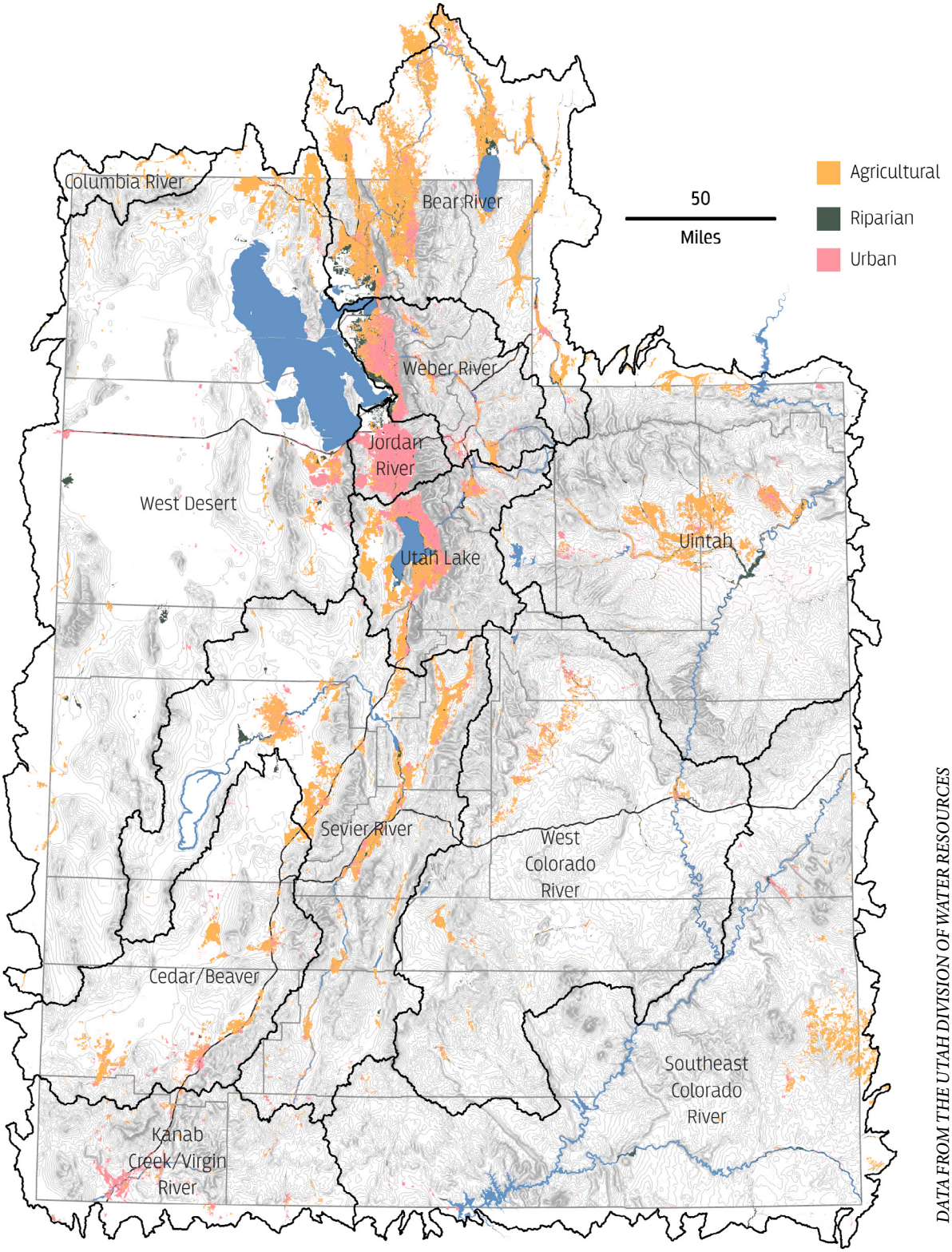
W.T5.12: West Desert Basin Precipitation and Depletions (acre-ft)

Year	Precipitation	Agriculture Depletions	Municipal and Industrial Depletions	Mineral Depletions
2010	14,028,038	138,373	11,520	111,776
2011	12,688,436	132,241	12,234	142,815
2012	10,763,208	136,322	12,613	139,701
2013	10,803,238	140,108	12,719	158,747
2014	13,014,874	130,627	12,691	100,793
2015	13,365,440	138,549	12,181	155,345
2016	13,388,580	150,356	11,846	106,941
2017	12,480,540	144,514	12,504	83,603
2018	10,404,322	139,684	14,515	112,993
2019	17,225,023	154,295	12,062	87,557
2020	6,482,833	177,291	12,619	124,590
2021	12,101,222	162,772	10,371	87,087
2022	10,414,555	148,790	10,699	120,942
2023	15,909,676	158,119	10,842	115,168
2024	11,493,811	170,819	13,070	108,546

Water-Related Land Use

This statewide map illustrates Water-Related Land Use data from the Division of Water Resources in each of Utah's hydrologic basins. Created using satellite imagery and ground truthing methods, only areas where water is diverted for human used is included in this dataset. Water-related land uses include; irrigated land in the agriculture category, developed residential areas and municipal turfgrass in the urban category, wetland/riparian areas, and open water.

W.F7.R: Basin Areas and 2024 Water-Related Land Use

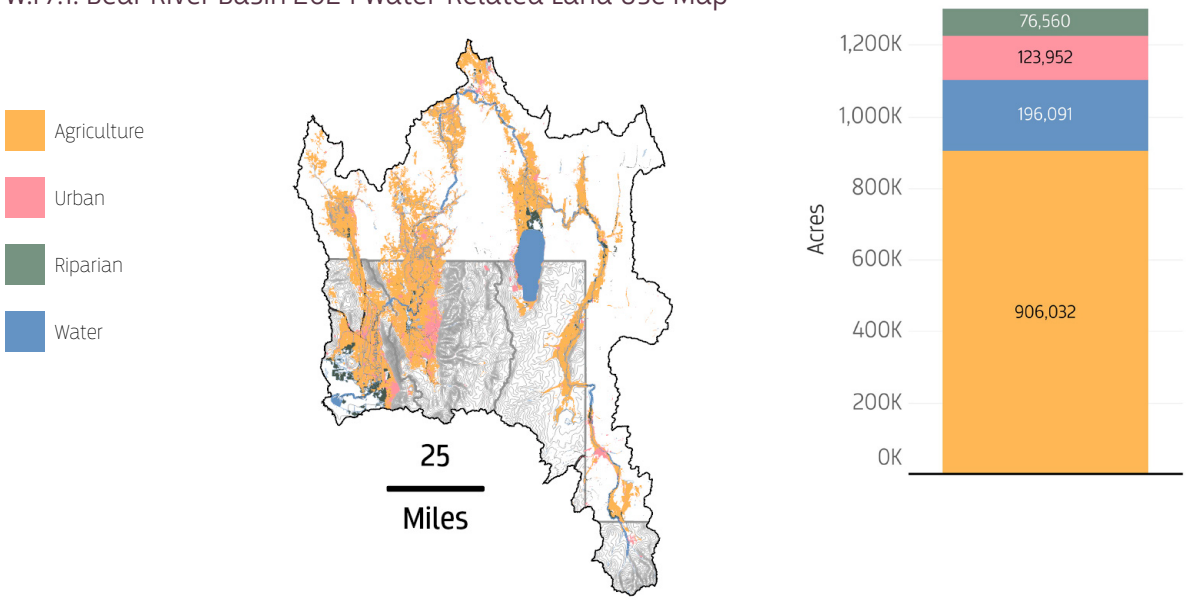


DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T6.1: Bear River Basin Water-Related Land Use (Acres)

Year	Agriculture	Urban	Riparian	Water
2020	872,393	119,395	75,960	196,064
2021	889,661	122,081	75,654	196,256
2022	898,193	122,599	75,819	196,244
2023	902,002	123,415	76,097	196,216
2024	906,032	123,952	76,560	196,091

W.F7.1: Bear River Basin 2024 Water-Related Land Use Map



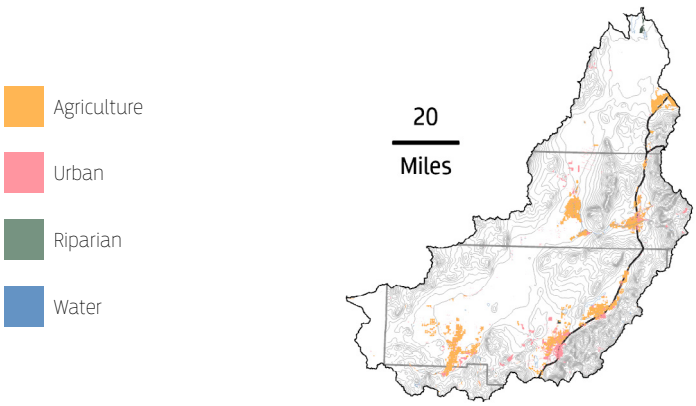
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

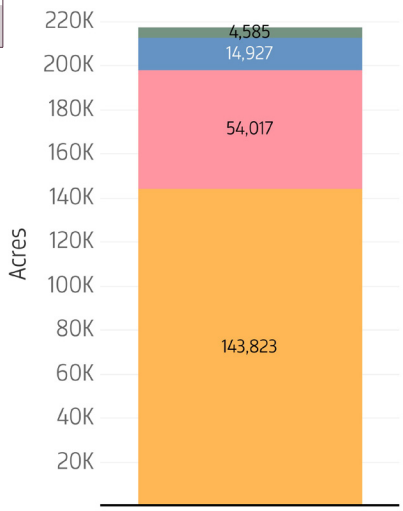
Water-Related Land Use - Continued

W.T6.2: Cedar/Beaver Basin Water-Related Land Use (Acres)

Year	Agriculture	Urban	Riparian	Water
2020	140,458	52,618	4,600	14,924
2021	141,688	53,560	4,600	14,921
2022	141,704	53,806	4,585	14,921
2023	141,698	53,852	4,585	14,925
2024	143,823	54,017	4,585	14,927

W.F7.2: Cedar/Beaver Basin 2024 Water-Related Land Use Map



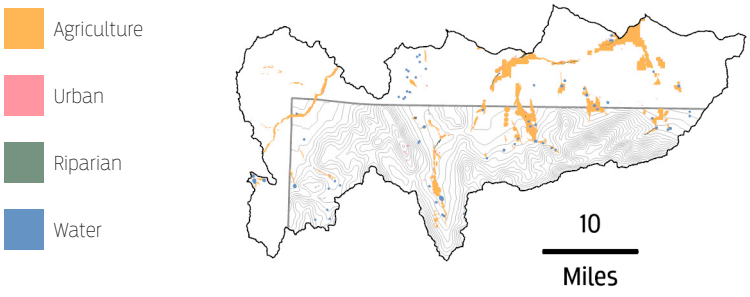


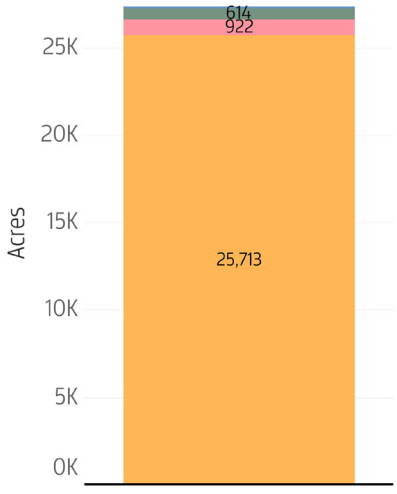
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T6.3: Columbia River Basin Water-Related Land Use (Acres)

Year	Agriculture	Urban	Riparian	Water
2020	25,408	921	574	134
2021	25,562	922	574	134
2022	25,574	922	614	134
2023	25,716	922	614	134
2024	25,713	922	614	134

W.F7.3: Columbia River Basin 2024 Water-Related Land Use Map



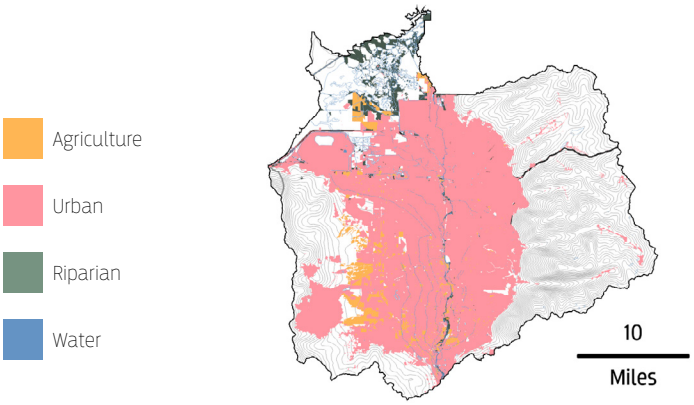


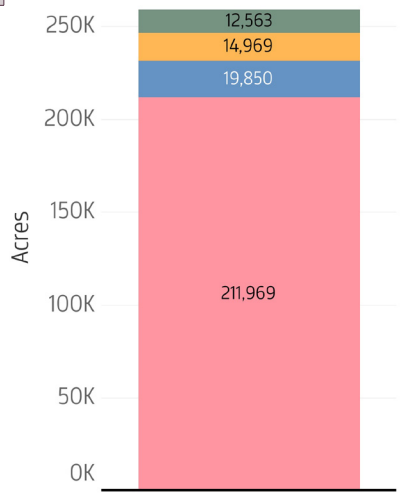
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T6.4: Jordan River Basin Water-Related Land Use (Acres)

Year	Agriculture	Urban	Riparian	Water
2020	17,104	206,903	12,388	19,896
2021	14,964	210,371	12,332	19,869
2022	14,813	210,556	12,355	19,870
2023	14,806	210,724	12,471	19,870
2024	14,969	211,969	12,563	19,850

W.F7.4: Jordan River Basin 2024 Water-Related Land Use Map



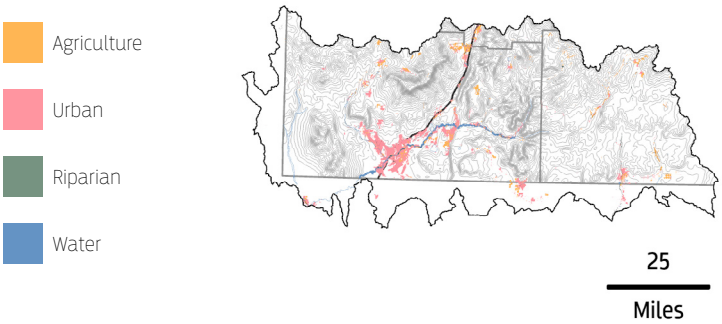


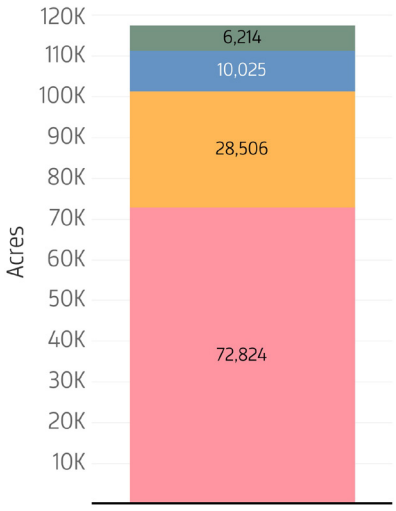
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T6.5: Kanab Creek/Virgin River River Basin Water-Related Land Use (Acres)

Year	Agriculture	Urban	Riparian	Water
2020	28,563	71,189	6,122	10,432
2021	28,497	71,929	6,203	10,431
2022	28,395	72,050	6,205	10,431
2023	28,628	72,111	6,212	10,431
2024	28,506	72,824	6,214	10,025

W.F7.5: Kanab Creek/Virgin River Basin 2024 Water-Related Land Use Map





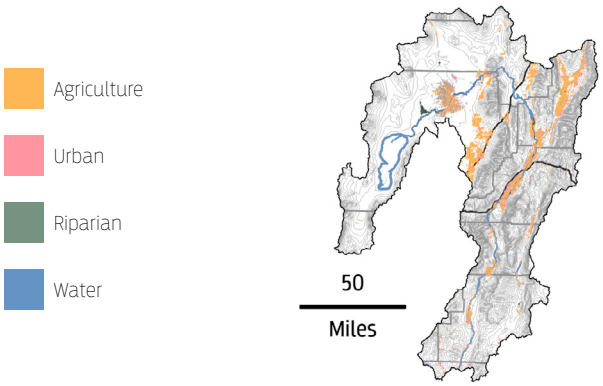
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

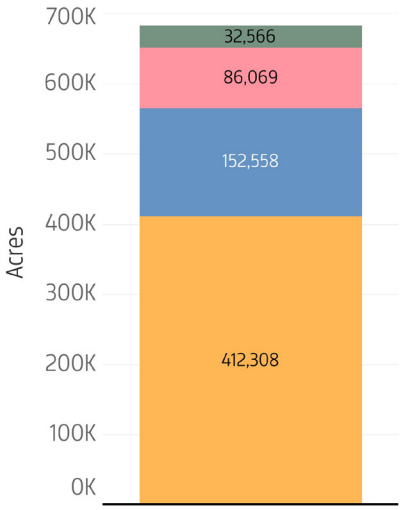
Water Related Land Use - Continued

W.T6.6: Sevier River River Basin Water-Related Land Use (Acres)

Year	Agriculture	Urban	Riparian	Water
2020	391,033	84,436	24,890	152,557
2021	393,534	85,036	31,584	152,536
2022	395,918	85,667	32,057	152,542
2023	398,237	85,912	32,326	152,552
2024	412,308	86,069	32,566	152,558

W.F7.6: Sevier River Basin 2024 Water-Related Land Use Map



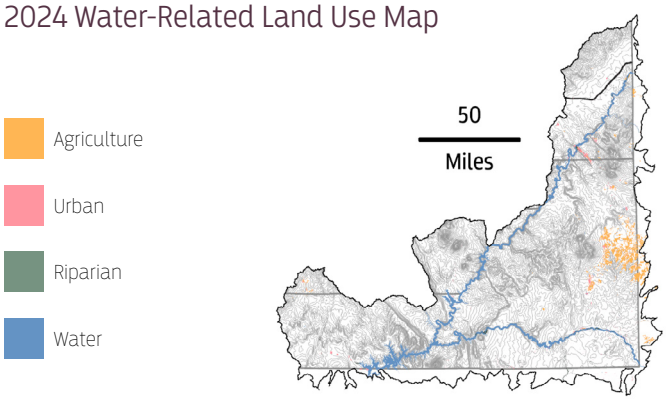


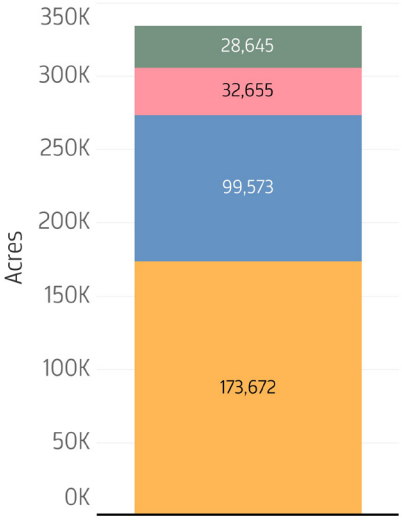
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T6.7: Southeast Colorado River River Basin Water-Related Land Use (Acres)

Year	Agriculture	Urban	Riparian	Water
2020	391,033	84,436	24,890	152,557
2021	393,534	85,036	31,584	152,536
2022	395,918	85,667	32,057	152,542
2023	398,237	85,912	32,326	152,552
2024	412,308	86,069	32,566	152,558

W.F7.7: Southeast Colorado River Basin 2024 Water-Related Land Use Map



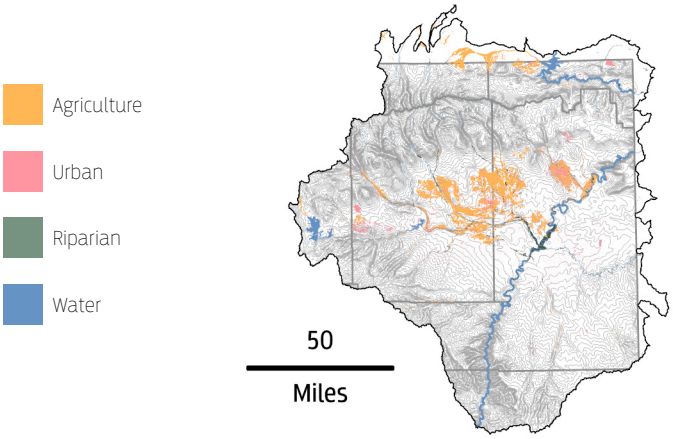


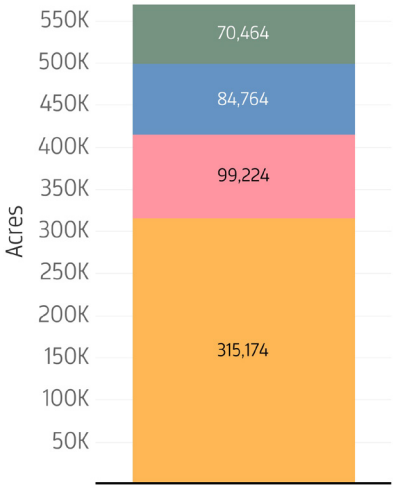
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T6.8: Uintah Basin Water-Related Land Use (Acres)

Year	Agriculture	Urban	Riparian	Water
2020	166,027	32,562	28,312	99,636
2021	166,770	32,590	28,570	99,644
2022	171,337	32,614	28,622	99,644
2023	172,278	32,639	28,653	99,644
2024	173,672	32,655	28,645	99,573

W.F7.8: Uintah Basin 2024 Water-Related Land Use Map



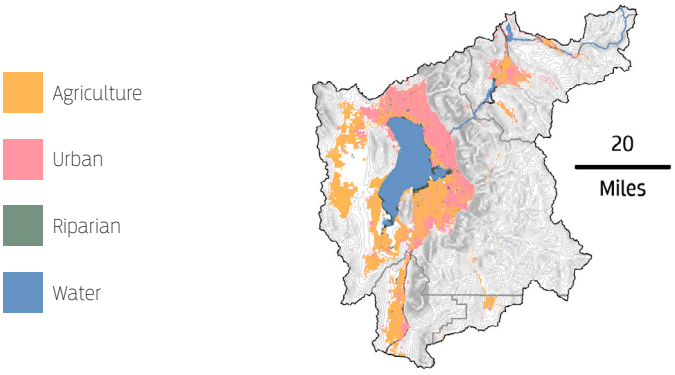


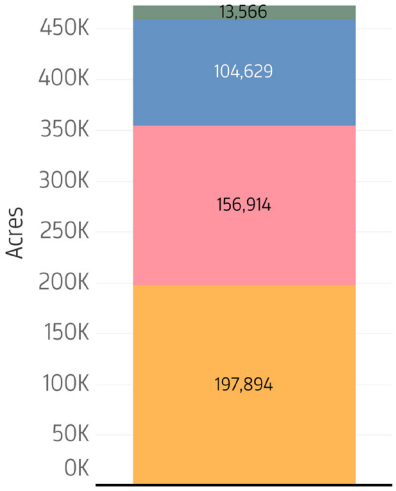
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T6.9: Utah Lake Basin Water-Related Land Use (Acres)

Year	Agriculture	Urban	Riparian	Water
2020	200,314	148,066	13,518	104,707
2021	195,386	155,075	13,424	104,712
2022	195,729	155,642	13,547	104,701
2023	195,626	156,012	13,552	104,701
2024	197,894	156,914	13,566	104,629

W.F7.9: Utah Lake Basin 2024 Water-Related Land Use Map





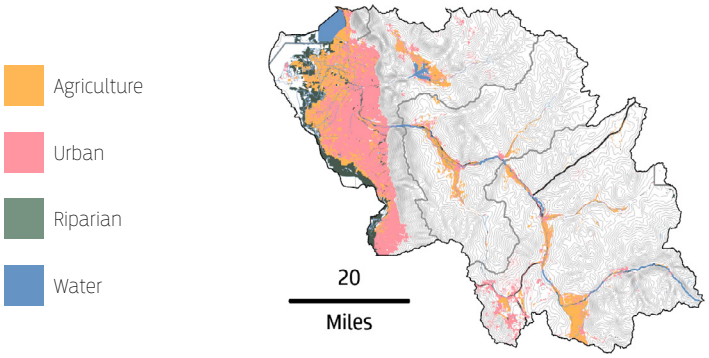
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

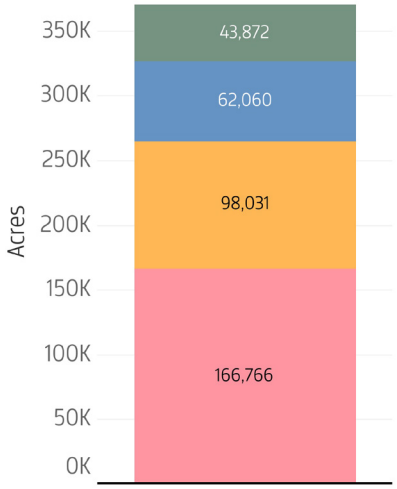
Water Related Land Use - Continued

W.T6.10: Weber River Basin Water-Related Land Use (Acres)

Year	Agriculture	Urban	Riparian	Water
2020	100,449	161,619	43,098	62,089
2021	98,784	164,221	43,151	62,091
2022	98,452	164,974	43,227	62,089
2023	98,227	165,609	43,342	62,087
2024	98,031	166,766	43,872	62,060

W.F7.10: Weber River Basin 2024 Water-Related Land Use Map



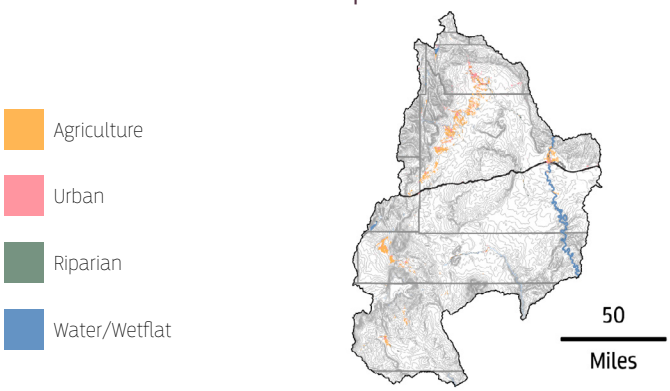


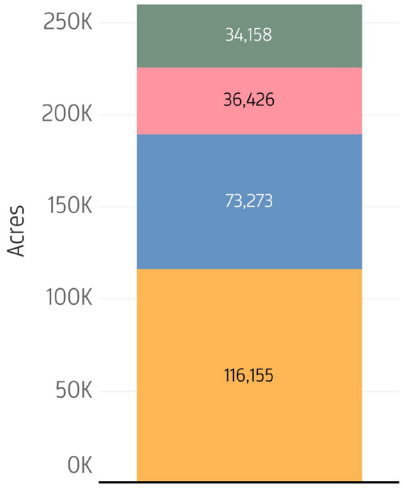
DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T6.11: West Colorado River Basin Water-Related Land Use (Acres)

Year	Agriculture	Urban	Riparian	Water
2020	115,213	35,737	34,060	73,376
2021	115,288	36,389	34,087	73,373
2022	115,670	36,405	34,155	73,313
2023	115,977	36,447	34,162	73,315
2024	116,155	36,426	34,158	73,273

W.F7.11: West Colorado River Basin 2024 Water-Related Land Use Map



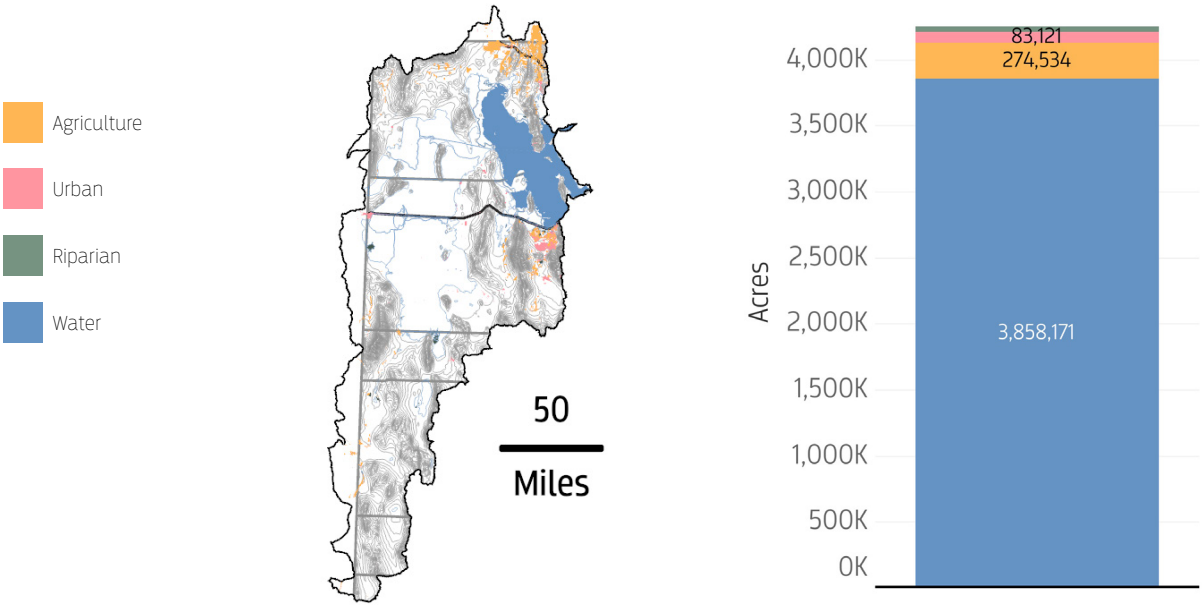


DATA FROM THE UTAH DIVISION OF WATER RESOURCES

W.T6.12: West Desert Basin Water-Related Land Use (Acres)

Year	Agriculture	Urban	Riparian	Water
2020	115,213	35,737	34,060	73,376
2021	115,288	36,389	34,087	73,373
2022	115,670	36,405	34,155	73,313
2023	115,977	36,447	34,162	73,315
2024	116,155	36,426	34,158	73,273

W.F7.12: West Desert Basin Water-Related Land Use



DATA FROM THE UTAH DIVISION OF WATER RESOURCES

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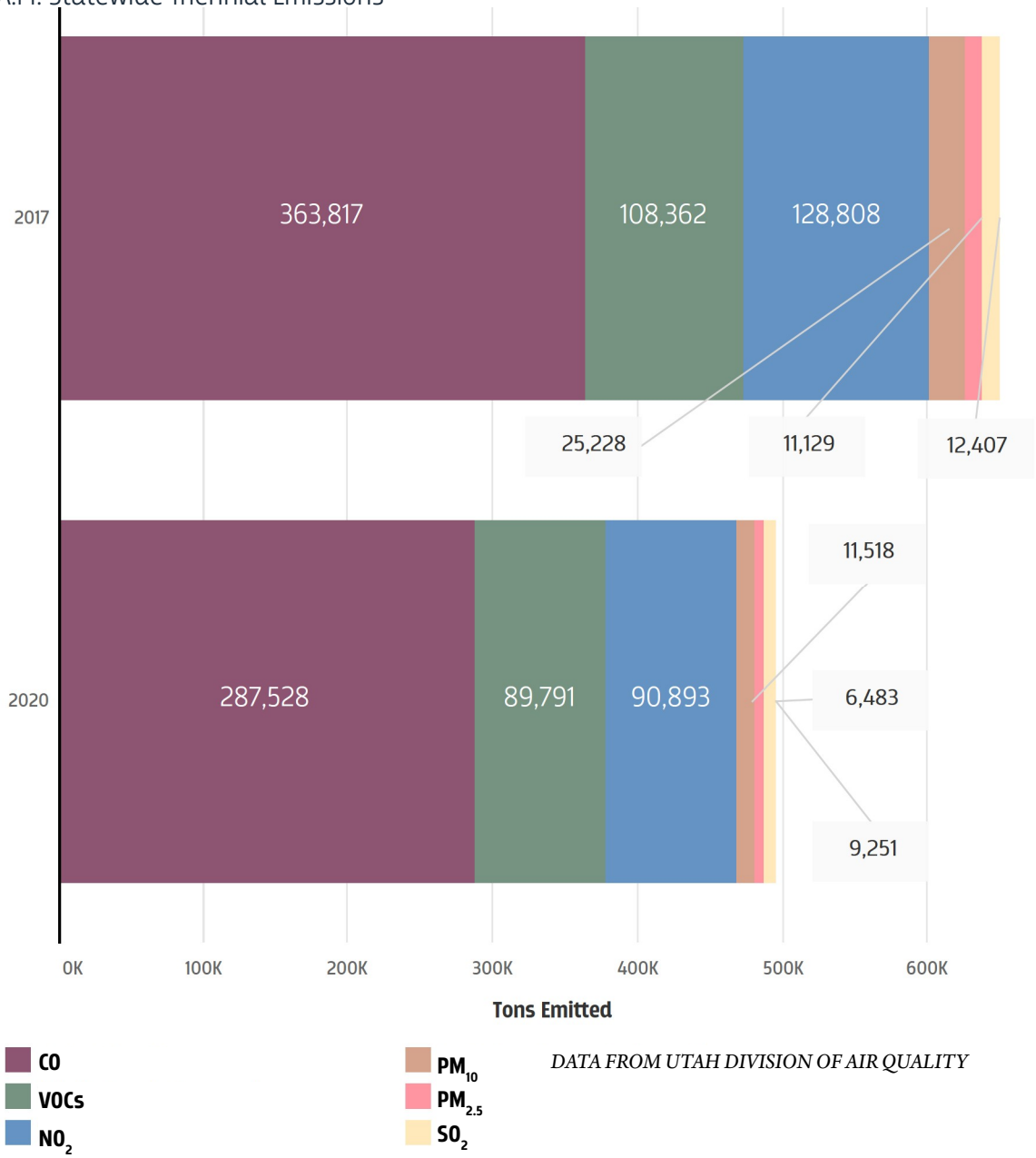
PINEVIEW RESERVOIR | KORI ANN KURTZEBORN

Utah's **AIR** *metrics*

Every third year, the Utah Division of Air Quality releases an extended emissions report detailing what has been released into the atmosphere. This chart measures pollutants released and does not account for the concentration of those pollutants in the atmosphere. This chart sums emissions by pollutant, excluding emissions from biogenic sources and wildfires, from the last two triennial reports. Changes in monitoring strategies make comparisons between additional historic reports challenging.

Currently, Utah is ranked by U.S. News and World Report 34th in the nation for air quality. This ranking is calculated by counting the number of days in each county where the Air Quality Index exceeds 100. Air Quality Index data is reported in the following section. Air quality levels are partially due partially due to unique geography causing wintertime inversions along the Wasatch Front and other regions of the state, along with exposed playa (an undrained desert basin that becomes at times a shallow lake) that can release dust or particulate matter pollution in high-wind events. Statewide, several investments have been made to reduce polluting emissions and increase monitoring efforts. In 2025 the Utah Division of Air Quality advanced a plan for 19 new air quality monitors around Great Salt Lake, West Desert, Sevier Dry Lake, and other locations

A.F1: Statewide Triennial Emissions



DATA FROM UTAH DIVISION OF AIR QUALITY

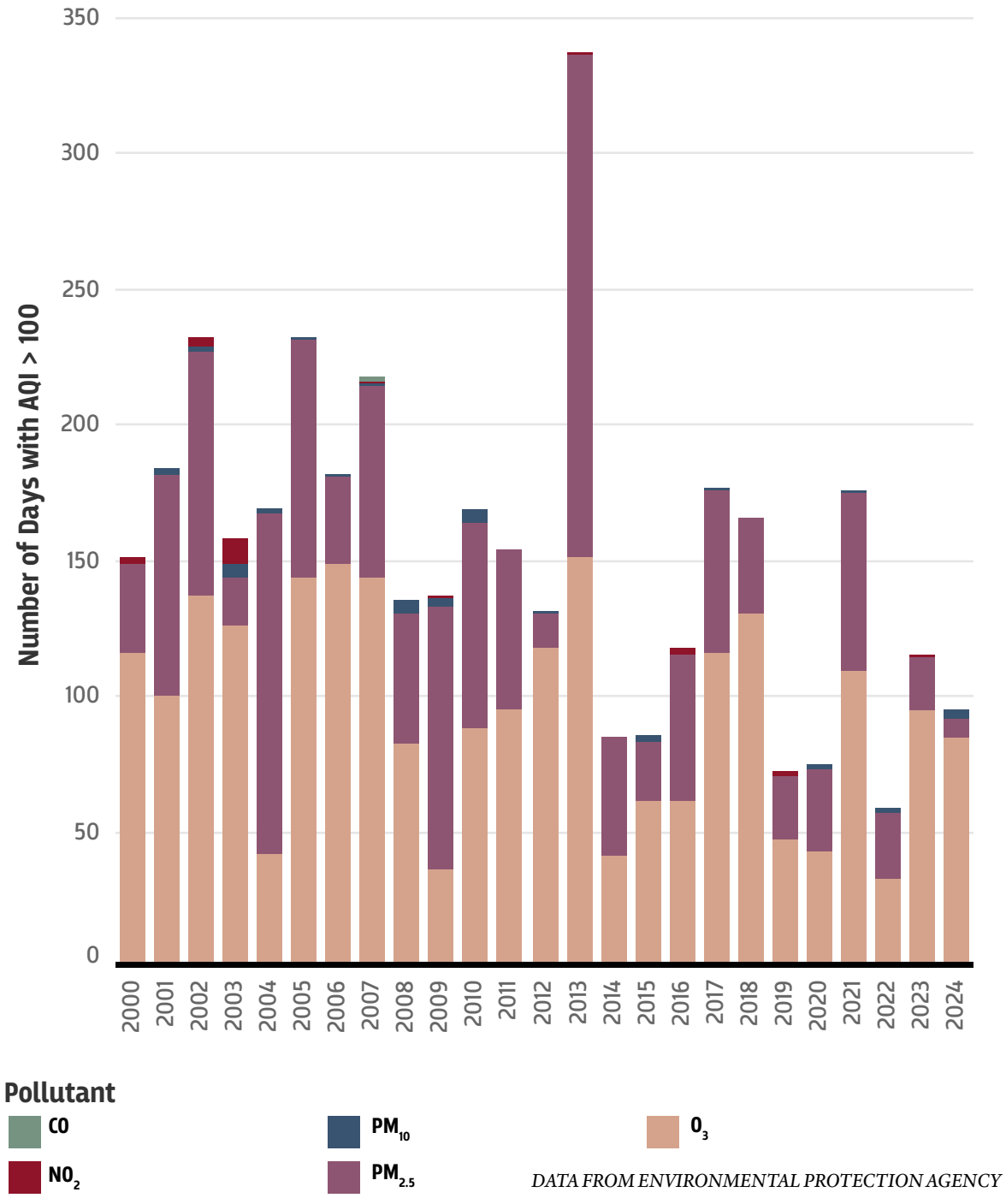
A.T1: State Air Quality Rankings (U.S. News and World Report)

1. Hawaii
2. Alaska
3. Maine
4. New Hampshire
5. Wyoming
6. Idaho
7. Vermont
8. West Virginia
9. Virginia
10. Maryland
11. Massachusetts
12. Montana
13. Washington
14. Oregon
15. South Dakota
16. Florida
17. Rhode Island
18. New York
19. Nebraska
20. New Jersey
21. Connecticut
22. South Carolina
23. North Carolina
24. Louisiana
25. Missouri
26. North Dakota
27. Tennessee
28. Wisconsin
29. Kentucky
30. Kansas
31. Colorado
32. Minnesota
33. New Mexico
34. **Utah**
35. Ohio
36. Alabama
37. Indiana
38. Pennsylvania
39. Arkansas
40. Georgia
41. Michigan
42. Delaware
43. Mississippi
44. Oklahoma
45. Iowa
46. Texas
47. Illinois
48. Nevada
49. California
50. Arizona

Air Quality Index

The Air Quality Index is a national tool from the Environmental Protection Agency used to communicate outdoor air quality. Calculated using the average pollutant concentration over 24 hours compared with federal standards, when Air Quality Index values surpass 100, it is generally considered unsafe for sensitive groups. Measuring the number of "bad air days" exceeding an Air Quality Index of 100 is a common strategy for understanding the air quality of an area. Shown here are the number of "bad air days" from 2000-2024 colorized by indicator pollutant. Indicator pollutant data is not available for 2025. A.T2 includes the number of bad air days recorded per county from 2000-2025. Since there are not monitoring stations in each of Utah's 29 counties, only counties with AQI monitoring stations are included.

A.F2: Days of Air Quality Index >100 by Indicator Pollutant



DATA FROM ENVIRONMENTAL PROTECTION AGENCY

A.T2.1: County History of Days with Air Quality Index >100: Box Elder - Salt Lake

Year	Box Elder	Cache	Carbon	Davis	Duchesne	Garfield	Grand	Iron	Salt Lake
2000	1	12	-	27	-	-	-	-	52
2001	24	16	-	22	-	-	-	-	54
2002	34	15	-	31	-	-	-	-	66
2003	16	10	-	17	-	-	-	-	39
2004	7	39	-	9	-	-	-	-	55
2005	20	38	-	31	-	-	-	-	60
2006	16	9	-	16	-	-	-	-	54
2007	19	18	-	19	-	-	-	-	63
2008	12	15	-	17	-	-	-	-	33
2009	5	28	-	12	-	-	-	-	37
2010	11	20	-	10	-	-	-	-	23
2011	8	10	1	4	23	-	-	-	30
2012	14	7	12	0	9	2	-	-	17
2013	22	44	13	11	44	2	-	-	50
2014	6	13	0	11	2	0	-	-	22
2015	5	4	2	7	3	2	-	-	27
2016	4	8	0	14	8	0	-	-	27
2017	11	17	0	28	9	2	-	-	44
2018	9	7	5	13	11	2	-	-	41
2019	2	14	1	6	11	0	-	-	16
2020	3	9	12	14	5	0	-	-	20
2021	4	10	0	26	8	2	-	4	47
2022	0	7	0	10	4	0	-	0	22
2023	0	8	0	13	34	0	-	1	16
2024	5	1	1	15	4	3	-	0	31
2025	1	0	2	7	2	0	0	1	15

The Environmental Protection Agency does thorough data validation in addition to live reporting. The live report AQI data for 2025 data is available, but finalized annual reports will not be available until May 1, 2026. Data is current as of January 2026.

Air Quality Index - Continued

A.T2.2: County History of Days with Air Quality Index >100: San Juan - Weber

Year	San Juan	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
2000	11		-	27	-	-	-	21
2001	1	2	-	41	-	-	-	24
2002	7	5	-	39	-	-	-	35
2003	8	1	-	30	-	-	-	37
2004	6	0	-	28	-	12	-	13
2005	4	12	-	22	-	21	-	24
2006	2	12	-	34	-	7	-	32
2007	6	12	-	36	-	4	-	41
2008	4	5	-	23	-	7	-	19
2009	2	10	2	22	-	3	-	16
2010	2	10	47	14	-	8	-	24
2011	3	7	32	9	-	5	-	22
2012	5	7	16	12	-	12	-	22
2013	0	15	64	41	-	2	-	40
2014	0	1	8	12	-	1	-	9
2015	1	4	2	13	-	3	-	13
2016	0	7	11	19	-	0	-	20
2017	0	17	11	14	-	1	-	23
2018	7	10	11	32	-	1	-	17
2019	0	2	17	1	-	0	-	2
2020	2	5	3	5	-	3	-	6
2021	2	16	8	17	-	3	-	17
2022	0	6	0	5	-	0	-	5
2023	0	0	9	0	-	0	-	6
2024	11	12	3	9	-	13	-	6
2025	1	1	4	1	1	0	0	2

The Environmental Protection Agency does thorough data validation in addition to live reporting. The live report AQI data for 2025 data is available, but finalized annual reports will not be available until May 1, 2026. Data is current as of January 2026.

SALT LAKE CITY DOWNTWON | KORI ANN KURTZEBORN

Air Monitoring Program

Made using data from the Utah Air Monitoring Program data archive, these tables report relevant pollutant measures as well as design values from each monitoring site. Design values (DV) are used by the Environmental Protection Agency (EPA) to designate non-attainment areas and track progress towards the National Ambient Air Quality Standards. Calculated using a three-year average of various pollutant measures, these design values are used in comparison with Environmental Protection Agency regulatory values reported in table A.T3.R to determine attainment. Measures vary between pollutants, some having multiple timescales of measurement. For example, the EPA looks at the "fourth max" or fourth highest concentration seen in an 8 hour period for that year to determine ozone attainment. For PM the EPA uses the 98th percentile highest concentration seen in a 24-hour period, and a general yearlong average. Tables are labeled by name and ordered by monitoring site ID. Accompanying charts demonstrate the past several years of individual measures compared with a red dotted line marking the regulatory value.

A.T3.R: Pollutant Measures, Units, and Regulatory Values Reference Table

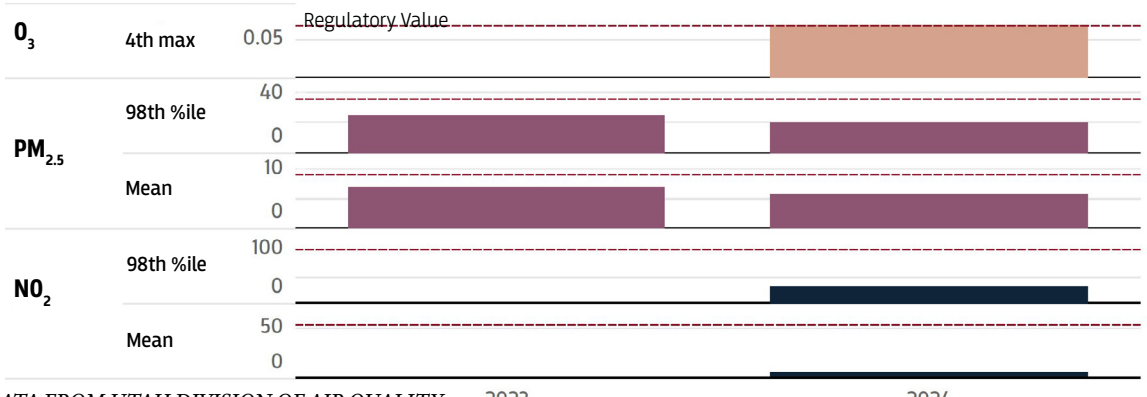
Pollutant	Measure	Timescale	Units	Regulatory Value (RV)
Ozone (O_3)	Fourth max	8hr	parts per million	**0.07**
$PM_{2.5}$	98th perecentile	24hr Max	micrograms per cubic meter	**35**
	Mean	1yr	micrograms per cubic meter	**9**
PM_{10}	Second max	24hr	micrograms per cubic meter	**150**
Carbon Monoxide (CO)	Second max	8hr	parts per million	**9**
	Mean	1yr	parts per million	**35**
Sulfur Dioxide (SO_2)	99th percentile	1hr Max	parts per billion	**75**
	Mean	1yr	parts per billion	**10**
Nitrogen Dioxide (NO_2)	98th percentile	1hr Max	parts per billion	**100**
	Mean	1yr	parts per billion	**53**

Regulatory values are set standards from the Environmental Protection Agency used to determine attainment. This table provides pollutant regulatory values for reference. The relevant annual measure and timescale is used to calculate a three-year average design value. The calculated design value is compared with the regulatory value to determine attainment.

A.T3.1: Brigham City - 49-003-0005: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	-	-	-	-	-	-	-	0.071	**0.071**
$PM_{2.5}$	98th %ile	-	-	-	-	-	-	25.4	20.4	**22.9**
	1yr Mean	-	-	-	-	-	-	7.04*	5.81	**6.425**
NO_2	98th %ile	-	-	-	-	-	-	-	32.9	**32.9**
	1yr Mean	-	-	-	-	-	-	-	7.13	**7.13**

A.F3.1: Brigham City - 49-003-0005: Recent Measures

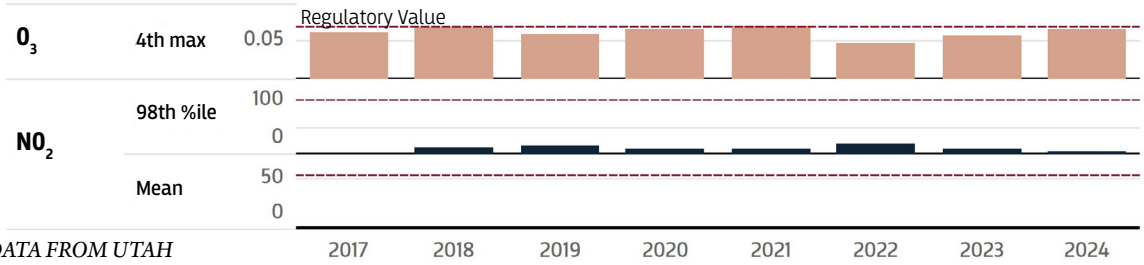


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.2: Portage (Box Elder) - 49-003-7001: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.063	0.069	0.059	0.066	0.071	0.049	0.057	0.066	**0.057**
NO_2	98th %ile	-	14	15	11	10	18	8.6	6.1	**10.9**
	1yr Mean	-	1.54*	0.49	0.83	0.55	1.94*	0.63	0.45	**1.007**

A.F3.2 Portage (Box Elder) - 49-003-7001: Recent Measures

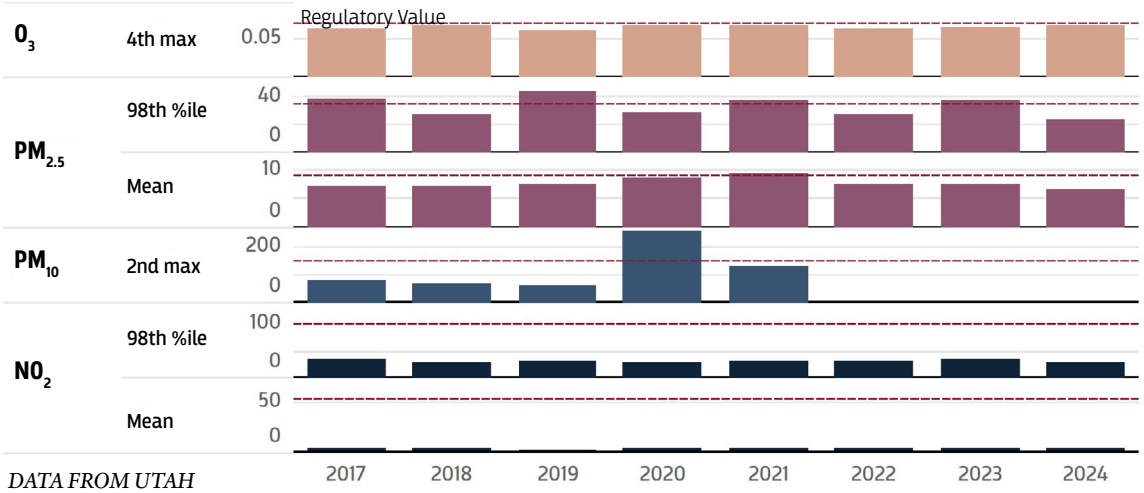


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.3: Smithfield - 49-005-0007: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.063	0.069	0.062	0.068	0.068	0.063	0.067	0.068	**0.066**
$PM_{2.5}$	98th %ile	39.3	27.9	44	29.4	37.2	28.1	38	24.1	**30.067**
	1yr Mean	7.33*	7.3	7.57	8.68	9.26	7.52	7.55	6.69	**7.253**
PM_{10}	2nd Max	80	67	66	260	135	-	-	-	**153.667**
NO_2	98th %ile	37	30	33.1	30.9	31.3	33.3	37.3	29.7	**33.433**
	1yr Mean	5.44	4.49	4.26	5.05	4.5	5.1	5.03	4.87	**5**

A.F3.3: Smithfield - 49-005-0007: Recent Measures



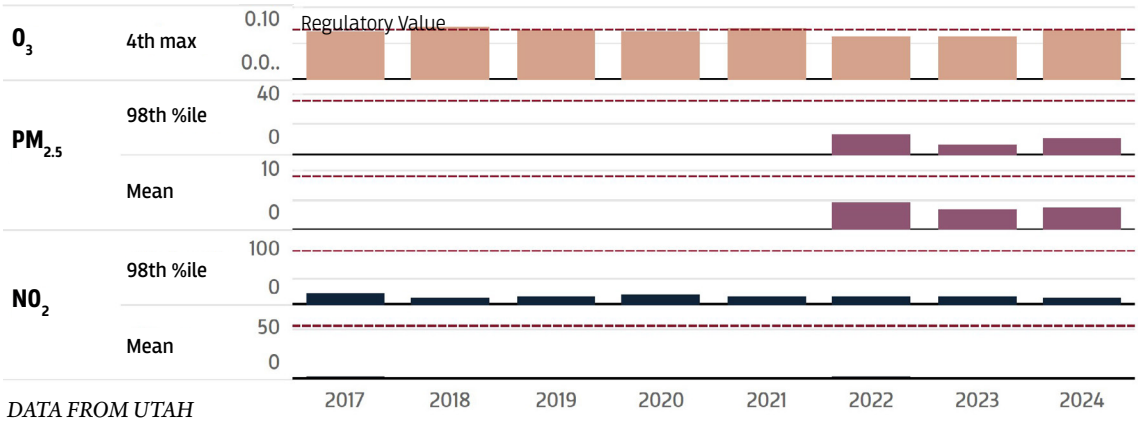
DATA FROM UTAH DIVISION OF AIR QUALITY

Air Monitoring Program - Continued

A.T3.4: Price - 49-007-1003: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.066	0.073	0.068	0.067	0.071	0.06	0.059	0.068	**0.062**
$PM_{2.5}$	98th %ile	-	-	-	-	-	13.2	7.3	11.3	**10.6**
	1yr Mean	-	-	-	-	-	4.67*	3.58	3.68	**3.977**
NO_2	98th %ile	22	14	16	18	16.9	15.6	16.7	13.2	**15.167**
	1yr Mean	2.68	1.83	2.34	1.78	2.45	2.99	2.29	1.79	**2.357**

A.F3.4: Price - 49-007-1003: Recent Measures

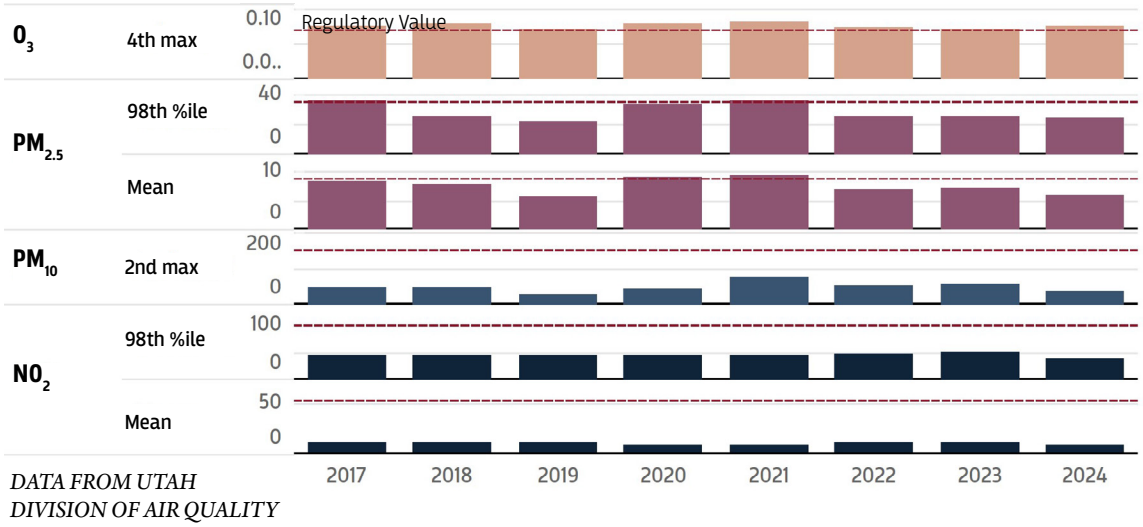


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.5: Bountiful Viewmont - 49-011-0004: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.078	0.08	0.073	0.08	0.082	0.075	0.073	0.079	**0.076**
$PM_{2.5}$	98th %ile	36	25.7	22.5	34	35.8	25.4	25.7	24.5	**25.2**
	1yr Mean	8.71	7.94	5.68*	9.17	9.42	7.18	7.26	6.12	**6.853**
PM_{10}	2nd Max	48	48	29	42	77	53	60	40	**51**
NO_2	98th %ile	46	45	46	44.1	46.7	49.7	50.7	39.3	**46.567**
	1yr Mean	11.52	11.95	11.52	10.57	10.97	11.6	11.61	9.68	**10.963**

A.F3.5: Bountiful Viewmont - 49-011-0004: Recent Measures



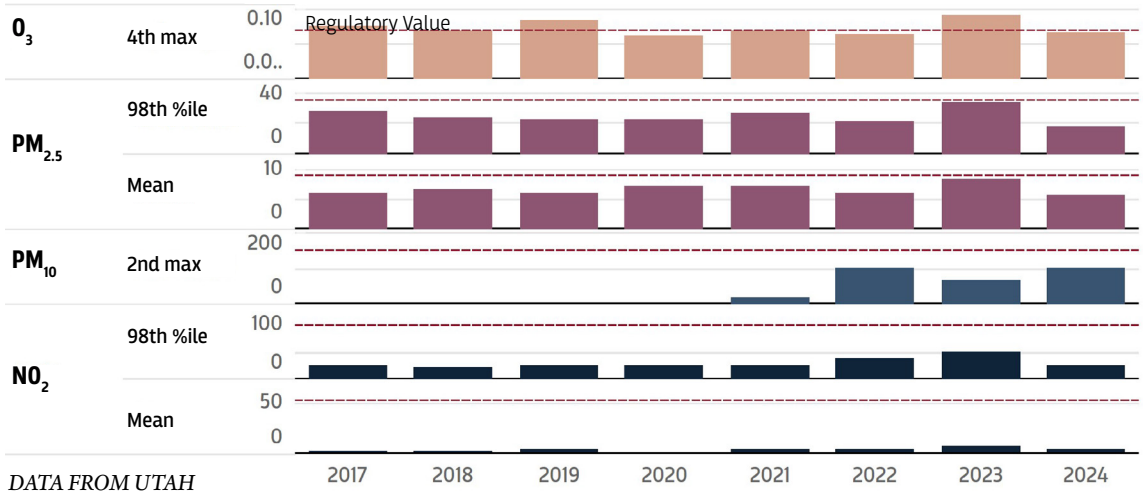
DATA FROM UTAH DIVISION OF AIR QUALITY

Air Monitoring Program - Continued

A.T3.6: Roosevelt - 49-013-0002: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.078	0.071	0.087	0.063	0.072	0.066	0.093	0.069	**0.076**
$PM_{2.5}$	98th %ile	28.2	23.9	22.3	23.2	26.9	21.4	33.7	18.2	**24.433**
	1yr Mean	6.21	6.85	6.14	7.46	7.47	6.22	8.37	5.84	**6.81**
PM_{10}	2nd Max	-	-	-	-	21	103	67	105	**91.667**
NO_2	98th %ile	26.3	22.8	27	26.8	26.1	40.3	51	26.2	**39.167**
	1yr Mean	4.05	3.87	5.14	5.29	4.67	5.87	8.31	5.14	**6.44**

A.F3.6: Roosevelt - 49-013-0002: Recent Measures

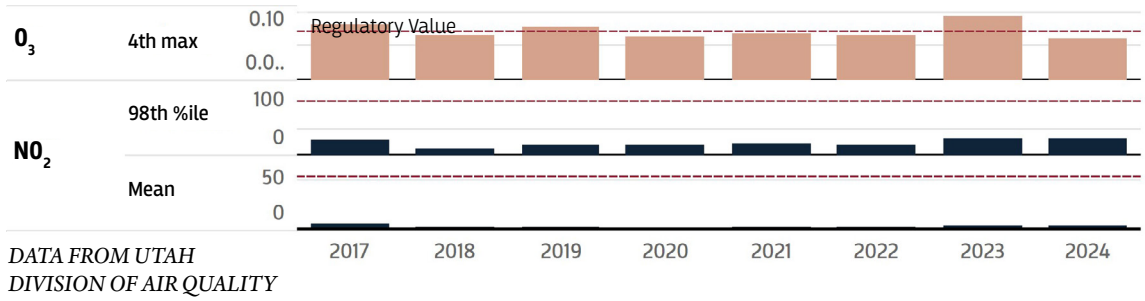


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.7: Myton (Duchesne) - 49-013-7011: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.081	0.065	0.079	0.064	0.069	0.066	0.094	0.06	**0.073**
NO_2	98th %ile	28.1	14.4	18.5	18.2	24.4	18.9	31.6	32.3	**27.6**
	1yr Mean	7.52*	2.99	3.40*	2.33*	2.90*	3.87*	5.90*	5.15*	**4.973**

A.F3.7: Myton (Duchesne) - 49-013-7011: Recent Measures

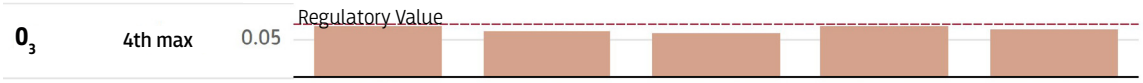


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.8: Escalante - 49-017-0006: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	-	0.068	0.062	0.06	0.069	0.063	-	-	**0.064**

A.F3.8: Escalante - 49-017-0006: Recent Measures

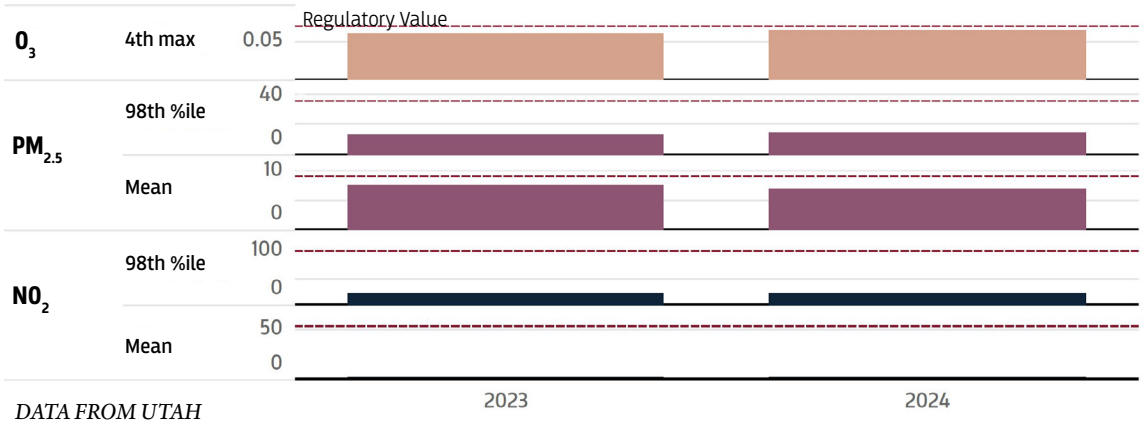


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.9: Moab - 49-019-0007: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	-	-	-	-	-	-	0.062	0.067	**0.065**
$PM_{2.5}$	98th %ile	-	-	-	-	-	-	13.2	15.3	**14.25**
	1yr Mean	-	-	-	-	-	-	7.55*	6.97	**7.26**
NO_2	98th %ile	-	-	-	-	-	-	23.4	22.7	**23.05**
	1yr Mean	-	-	-	-	-	-	3.66*	4.03	**3.845**

A.F3.9: Moab - 49-019-0007: Recent Measures



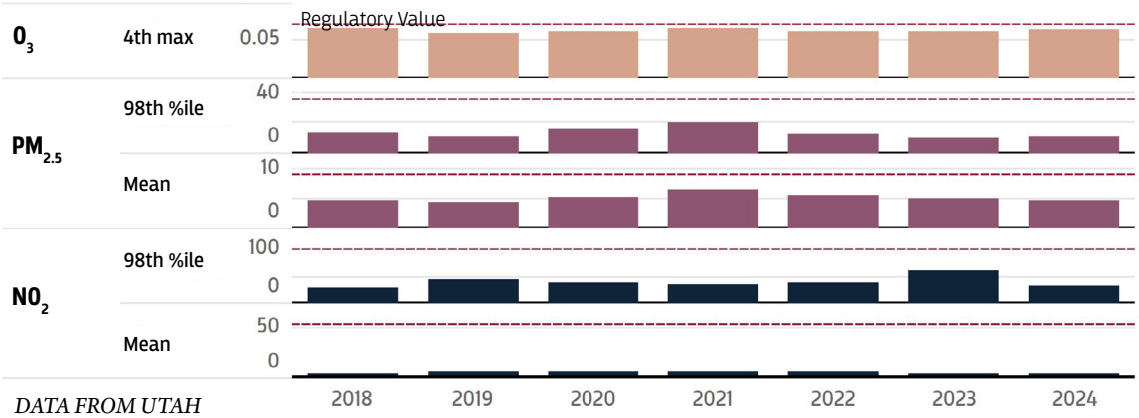
DATA FROM UTAH DIVISION OF AIR QUALITY

Air Monitoring Program - Continued

A.T3.10: Enoch - 49-021-0005: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	-	0.067	0.06	0.061	0.065	0.061	0.061	0.063	**0.062**
$PM_{2.5}$	98th %ile	-	13.7	11.3	16.5	20.9	12.4	9.9	11.4	**11.233**
	1yr Mean	-	4.8	4.32	5.38	6.48	5.69	5	4.60*	**5.097**
NO_2	98th %ile	-	29	46.3	40.2	35.2	38.4	60.8	31.4	**43.533**
	1yr Mean	-	5.48*	6.39	6.4	6.16	6.2	5.88	5.59	**5.89**

A.F3.10: Enoch - 49-021-0005: Recent Measures

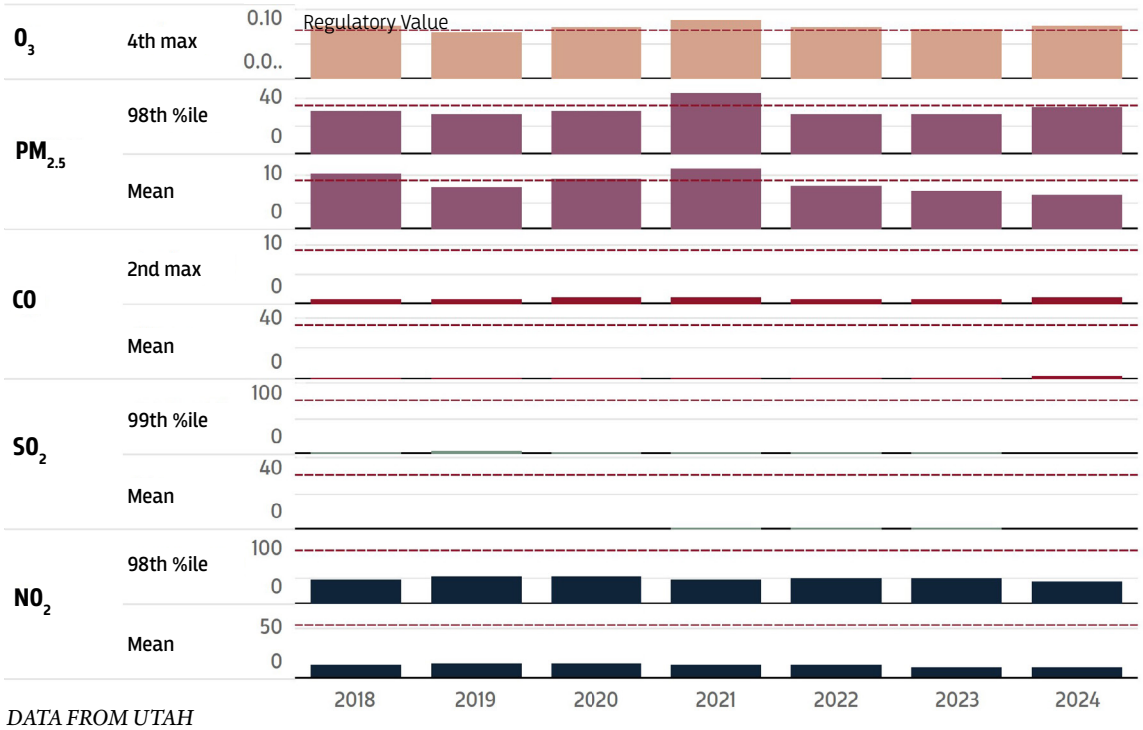


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.11: Copperview - 49-035-2005: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	-	0.079	0.067	0.075	0.086	0.074	0.073	0.079	**0.075**
$PM_{2.5}$	98th %ile	-	31.6	28.7	31.2	44.4	28.9	29.1	33.6	**30.533**
	1yr Mean	-	10.19*	7.6	9.22	11.39*	7.99	7.15	6.54	**7.227**
CO	2nd Max	-	0.9	0.9	1.3	1.1	0.9	0.9	1.1	**0.967**
	1yr Mean	-	1.503	1.674	1.7	1.5	1.5	1.3	1.8	**1.533**
SO_2	99th %ile	-	3	5	2.2	2.7	3	3.1	-	**2.933**
	1yr Mean	-	0.05*	0.15	0.19	0.56	0.94	0.73	-	**0.743**
NO_2	98th %ile	-	46	51.7	50.8	45.3	47.8	48.3	41.8	**45.967**
	1yr Mean	-	14.07*	14.97	14.77	13.1	13.33	12.24	11.65	**12.407**

A.F3.11: Copperview - 49-035-2005: Recent Measures



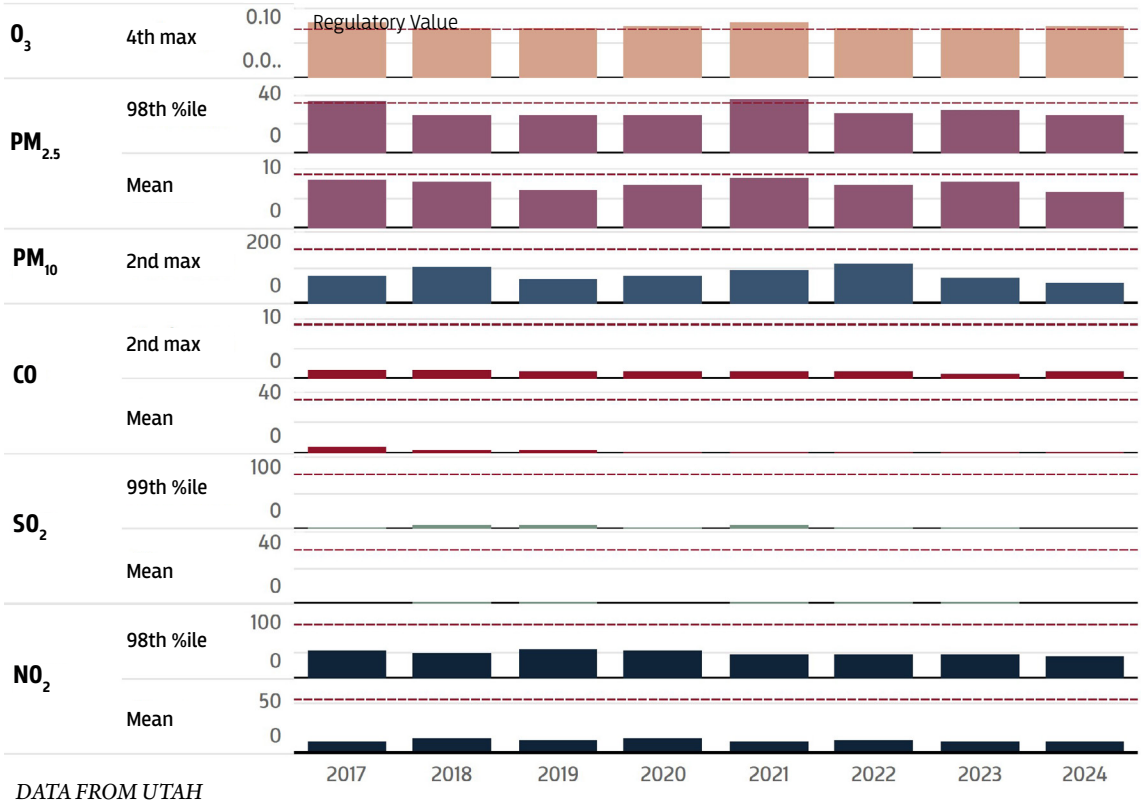
DATA FROM UTAH DIVISION OF AIR QUALITY

Air Monitoring Program - Continued

A.T3.12: Hawthorne - 49-035-3006: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.081	0.074	0.073	0.075	0.081	0.072	0.072	0.075	**0.073**
$PM_{2.5}$	98th %ile	35.7	26.2	26.4	27	36.9	27.4	30.3	26.4	**28.033**
	1yr Mean	8.16	7.85	6.42	7.33	8.43	7.31	7.85	6.3	**7.153**
PM_{10}	2nd Max	77	103	67	77	93	112	71	60	**81**
CO	2nd Max	1.5	1.4	1.1	1.1	1.1	1.1	0.8	1.2	**1.033**
	1yr Mean	4.79	2.14	1.8	1.5	1.6	1.7	1.4	1.6	**1.567**
SO_2	99th %ile	3.3	3.7	4.2	3.5	3.8	3.3	3.4	-	**3.5**
	1yr Mean	0.32*	0.68*	0.9	0.4	1.09	0.92	0.62	-	**0.877**
NO_2	98th %ile	51	49	55.4	52.6	46.6	44.9	45.4	43.5	**44.6**
	1yr Mean	12.69	15.1	14.34	15.03	12.5	12.96	11.72	11.53	**12.07**

A.F3.12: Hawthorne - 49-035-3006: Recent Measures

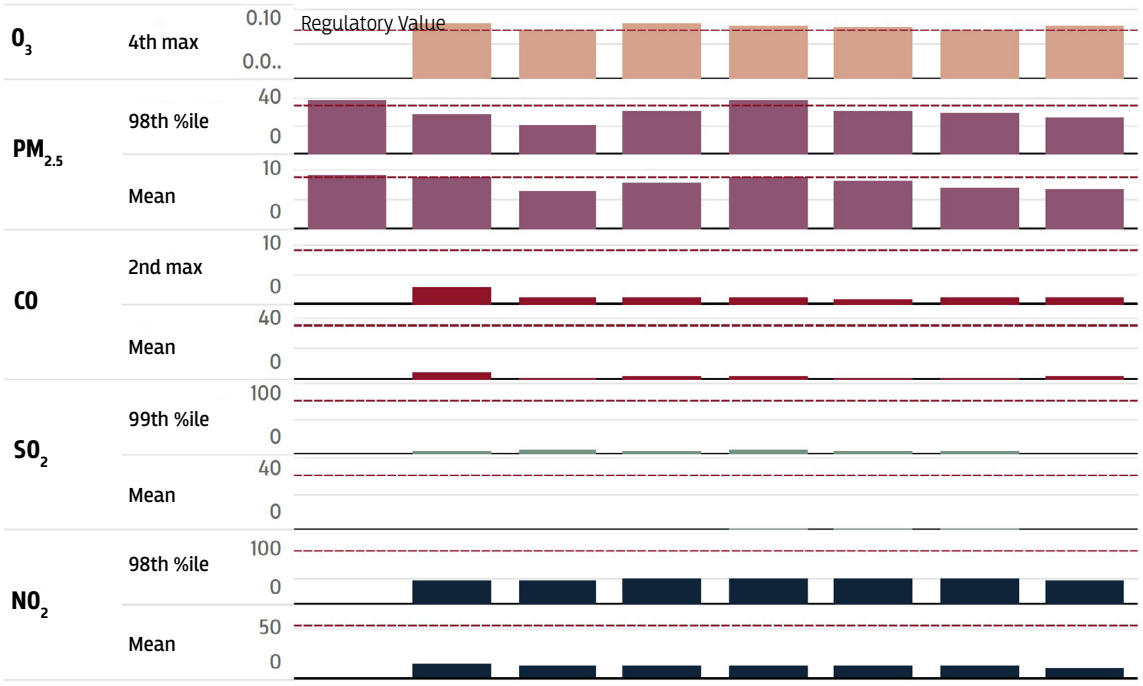


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.13: Rose Park - 49-035-3010 Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	-	0.08	0.071	0.08	0.079	0.075	0.07	0.077	**0.074**
$PM_{2.5}$	98th %ile	38.5	29.4	21.7	32	39.5	31.4	29.8	27.1	**29.433**
	1yr Mean	9.1	8.87	6.66*	8.05	8.99	8.35	7.21	6.86	**7.473**
CO	2nd Max	-	2.8	1.2	1.2	1.1	1	1.2	1.2	**1.133**
	1yr Mean	-	4.4	1.6	1.9	1.9	1.5	1.5	2	**1.667**
SO_2	99th %ile	-	5	6.6	4.8	6.5	5.2	4.9	-	**5.533**
	1yr Mean	-	0.13*	0.17*	0.27	0.6	0.78	0.78	-	**0.72**
NO_2	98th %ile	-	47	46.8	50.4	48.6	49.8	49.4	44.6	**47.933**
	1yr Mean	-	14.78	13.28	14	13.15	13.93	13.1	12.64	**13.223**

A.F3.13: Rose Park - 49-035-3010: Recent Measures



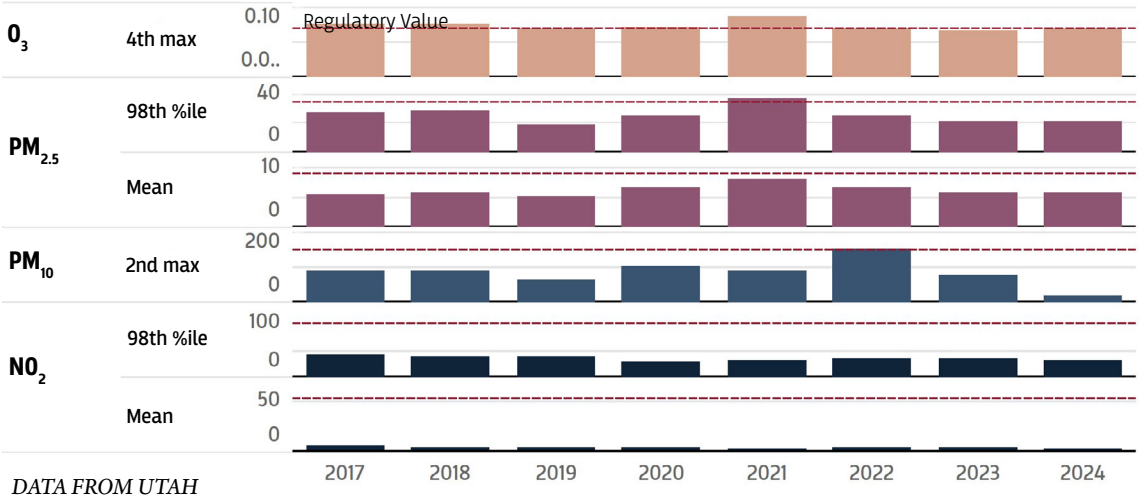
DATA FROM UTAH DIVISION OF AIR QUALITY

Air Monitoring Program - Continued

A.T3.14: Herriman - 49-035-3013: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.078	0.078	0.07	0.073	0.087	0.071	0.068	0.07	**0.07**
$PM_{2.5}$	98th %ile	28.2	29	18.8	24.9	36.9	25.8	21.5	21.7	**23**
	1yr Mean	5.67	5.89*	5.21	6.7	8.11	6.68	5.98	5.82	**6.16**
PM_{10}	2nd Max	87	88	64	106	91	152	78	22	**84**
NO_2	98th %ile	43	39	40.1	30.3	31.9	37.4	35.4	32	**34.933**
	1yr Mean	6.3	4.79	4.91	4.6	4.22	5.57	4.96	4.22	**4.917**

A.F3.14: Herriman - 49-035-3013: Recent Measures

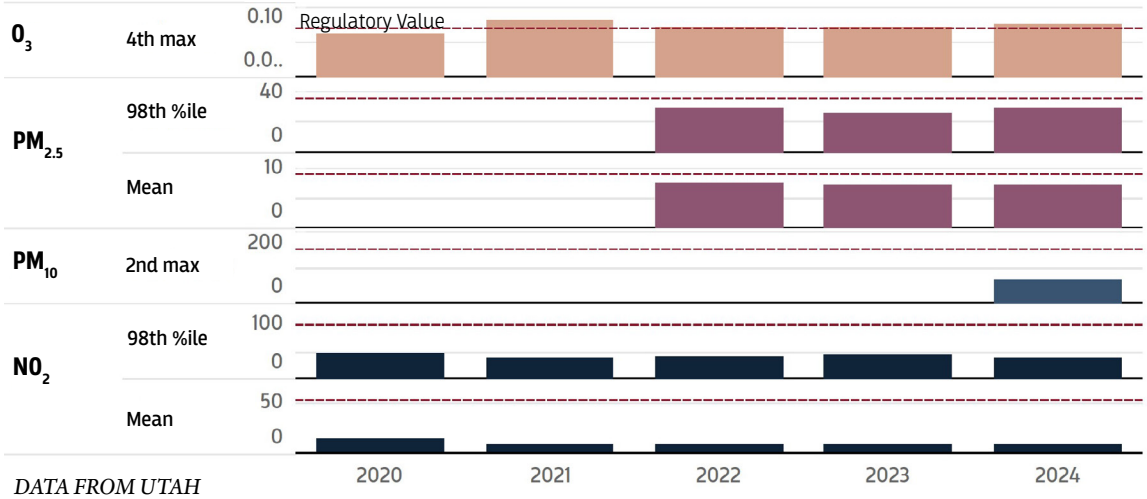


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.15: Lake Park - 49-035-3014: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	-	-	-	0.062	0.082	0.072	0.072	0.078	**0.074**
$PM_{2.5}$	98th %ile	-	-	-	-	-	29.6	26.5	29.4	**28.5**
	1yr Mean	-	-	-	-	-	7.68*	7.27	7.22	**7.39**
PM_{10}	2nd Max	-	-	-	-	-	-	-	68	**68**
NO_2	98th %ile	-	-	-	47.3	39	41.6	45.4	40	**42.333**
	1yr Mean	-	-	-	15.76*	9.78	10.95	10.5	9.91	**10.453**

A.F3.15: Lake Park - 49-035-3014: Recent Measures



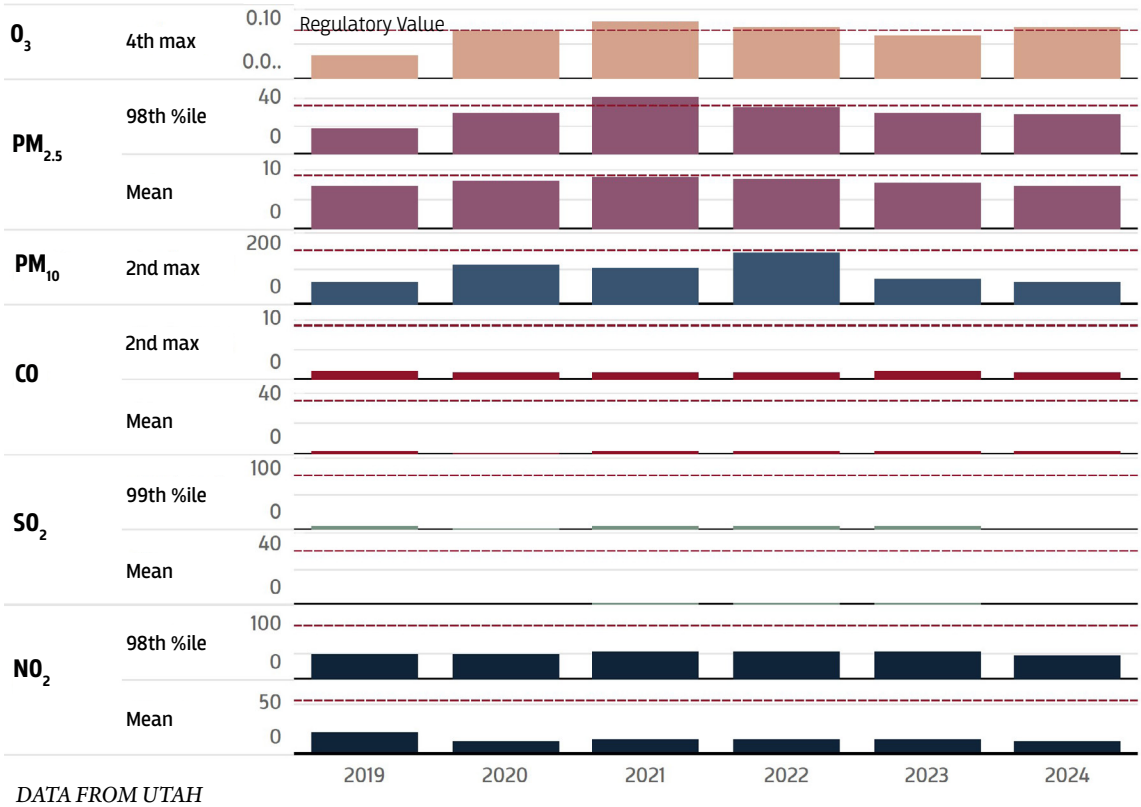
DATA FROM UTAH DIVISION OF AIR QUALITY

Air Monitoring Program - Continued

A.T3.16: Utah Technical Center - 49-035-3015: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	-	-	0.036	0.07	0.082	0.076	0.062	0.075	**0.071**
$PM_{2.5}$	98th %ile	-	-	18.8	30	41	34.4	29.8	28.9	**31.033**
	1yr Mean	-	-	7.44*	8.21	8.92*	8.51	7.78	7.28	**7.857**
PM_{10}	2nd Max	-	-	62	112	103	146	73	64	**94.333**
CO	2nd Max	-	-	1.5	1.2	1.3	1.3	1.4	1.3	**1.333**
	1yr Mean	-	-	1.9	1.3	1.9	1.8	2.1	1.9	**1.933**
SO_2	99th %ile	-	-	4.3	3.5	4.7	4.1	5.4	-	**4.733**
	1yr Mean	-	-	0.34*	0.25*	0.88	0.78	1.22	-	**0.96**
NO_2	98th %ile	-	-	47.5	48.3	51.4	53.4	52.1	46.3	**50.6**
	1yr Mean	-	-	22.60*	14.35*	14.73	16	14.73	14.17	**14.967**

A.F3.16: Utah Technical Center - 49-035-3015: Recent Measures

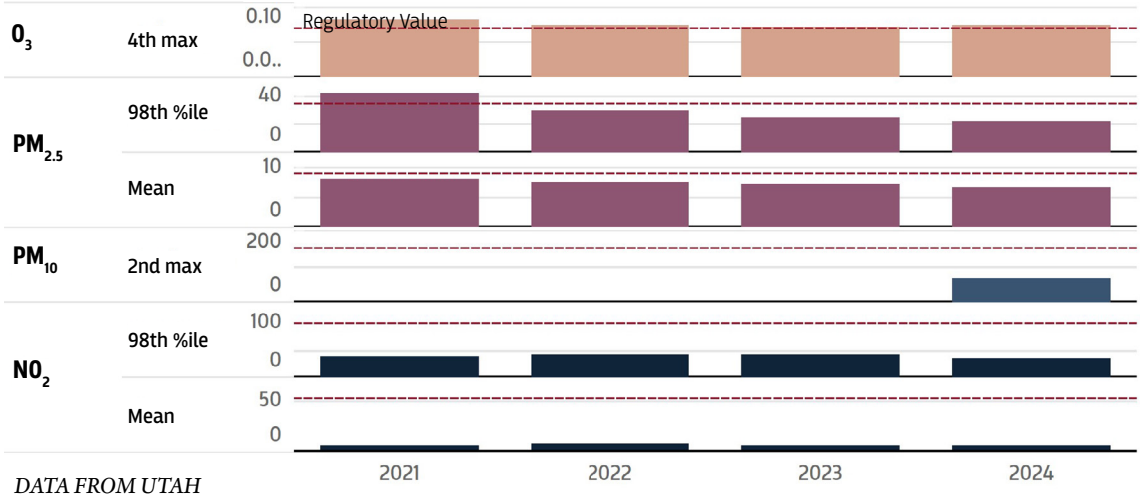


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.17: Inland Port (Salt Lake City) - 49-035-3016: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	-	-	-	-	0.084	0.075	0.073	0.074	**0.074**
$PM_{2.5}$	98th %ile	-	-	-	-	42.6	29.9	24.8	23	**25.9**
	1yr Mean	-	-	-	-	8.28*	7.5	7.27	6.62	**7.13**
PM_{10}	2nd Max	-	-	-	-	-	-	-	69	**69**
NO_2	98th %ile	-	-	-	-	40.5	42.9	40.9	37.3	**40.367**
	1yr Mean	-	-	-	-	7.54	7.9	6.83	6.81	**7.18**

A.F3.17: Inland Port (Salt Lake City) - 49-035-3016: Recent Measures



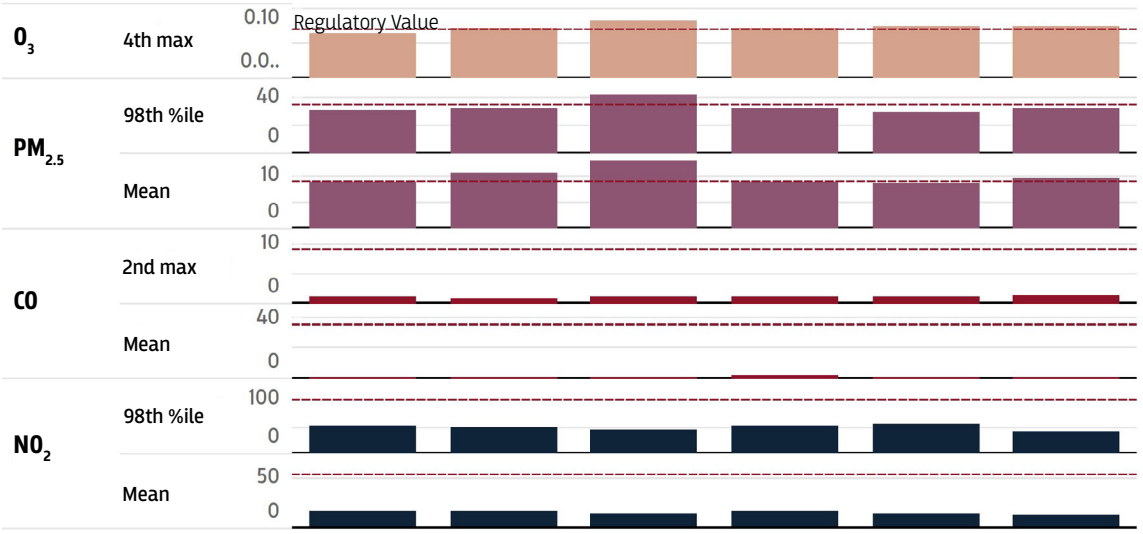
DATA FROM UTAH DIVISION OF AIR QUALITY

Air Monitoring Program - Continued

A.T3.18: Murray - 49-035-4002: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	-	-	0.036	0.07	0.082	0.076	0.062	0.075	**0.071**
$PM_{2.5}$	98th %ile	-	-	18.8	30	41	34.4	29.8	28.9	**31.033**
	1yr Mean	-	-	7.44*	8.21	8.92*	8.51	7.78	7.28	**7.857**
CO	2nd Max	-	-	1.5	1.2	1.3	1.3	1.4	1.3	**1.333**
	1yr Mean	-	-	1.9	1.3	1.9	1.8	2.1	1.9	**1.933**
NO_2	98th %ile	-	-	47.5	48.3	51.4	53.4	52.1	46.3	**50.6**
	1yr Mean	-	-	22.60*	14.35*	14.73	16	14.73	14.17	**14.967**

A.F3.18: Murray - 49-035-4002: Recent Measures

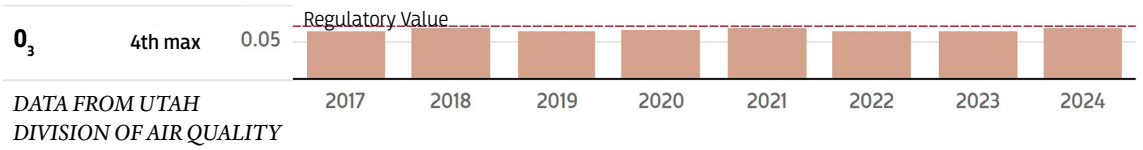


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.12: Canyonlands National Park - 49-037-0101: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.064	0.068	0.064	0.066	0.069	0.063	0.063	0.069	0.065

A.F3.12: Canyonlands National Park - 49-037-0101: Recent Measures

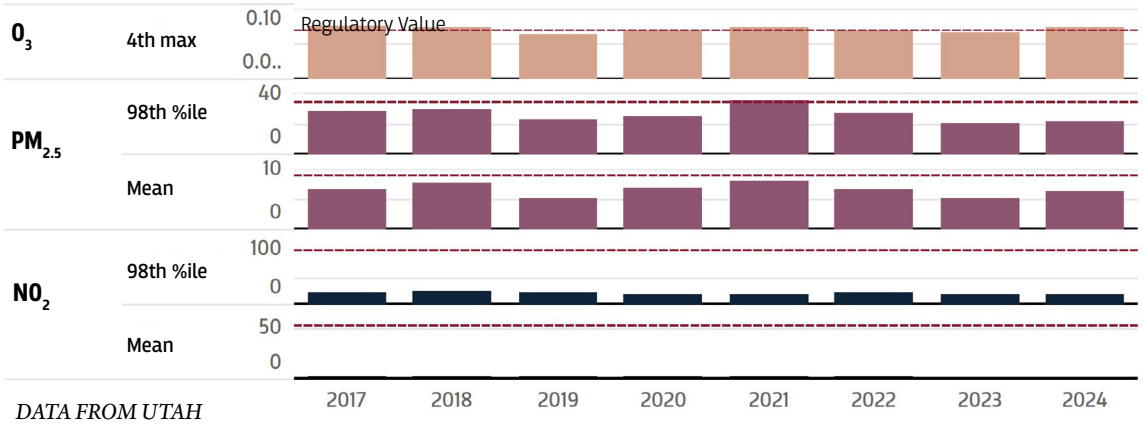


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.20: Erda - 49-045-0004: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.077	0.074	0.065	0.07	0.075	0.07	0.068	0.074	**0.071**
$PM_{2.5}$	98th %ile	28.8	30.6	22.7	25.5	35.5	28.2	21.1	22.4	**23.9**
	1yr Mean	6.85	8.04	5.18*	6.9	8.11	6.81	5.19	6.35	**6.117**
NO_2	98th %ile	24	25	24.4	20.5	18.1	21.7	19.3	18.2	**19.733**
	1yr Mean	3.31	3.57	3.35	3.6	2.72	3.13	2.5	2.46	**2.697**

A.F3.20: Erda - 49-045-0004: Recent Measures

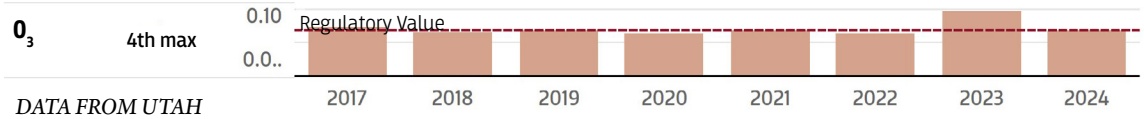


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.21: Dinosaur National Monument - 49-047-1002: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.074	0.067	0.07	0.063	0.068	0.063	0.098	0.069	**0.077**

A.F3.21 Dinosaur National Monument - 49-047-1002: Recent Measures



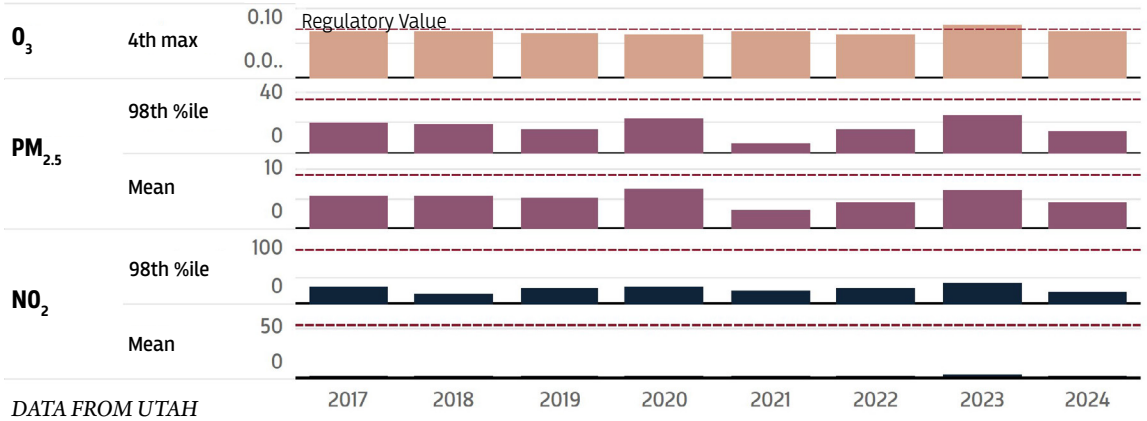
DATA FROM UTAH DIVISION OF AIR QUALITY

Air Monitoring Program - Continued

A.T3.22: Vernal - 49-047-1004: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.068	0.069	0.065	0.063	0.068	0.063	0.078	0.068	**0.07**
$PM_{2.5}$	98th %ile	20.6	19.1	16.1	22.3	7.3	16.5	25.1	14.6	**18.733**
	1yr Mean	5.66	5.62	5.15	6.61	3.19*	4.48	6.46	4.33	**5.09**
NO_2	98th %ile	32	21	27.7	34.1	26.2	29.8	37.6	22.9	**30.1**
	1yr Mean	3.95	3.02	3.97	3.97	3.68	3.76	5.06	3.35	**4.057**

A.F3.22: Vernal - 49-047-1004: Recent Measures

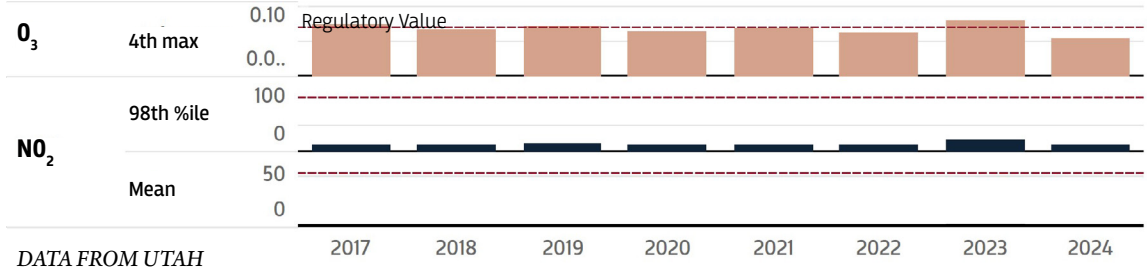


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.23: Redwash (Uintah) - 49-047-2002: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.076	0.068	0.074	0.066	0.071	0.062	0.081	0.056	**0.066**
NO_2	98th %ile	13.6	13.3	17.3	13.3	13.5	13.6	23.3	12.6	**16.5**
	1yr Mean	2.11*	2.02	2.18*	1.26*	1.71*	1.65*	3.21*	1.46*	**2.107**

A.F3.23: Redwash (Uintah) - 49-047-2002: Recent Measures

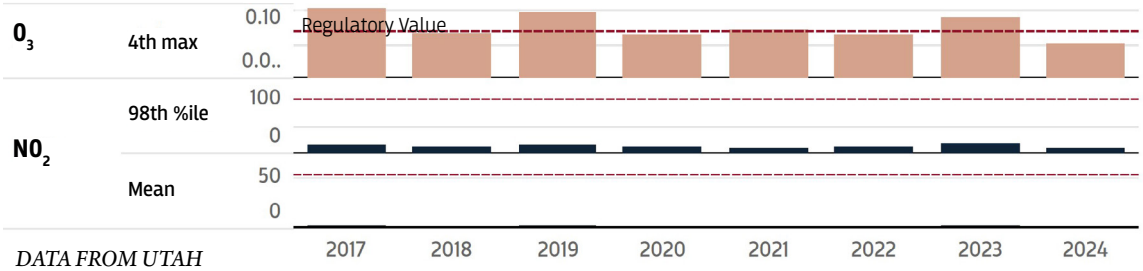


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.24: Ouray (Uintah) - 49-047-2003: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.103	0.067	0.098	0.065	0.072	0.064	0.091	0.052	**0.069**
NO_2	98th %ile	15.6	11.6	16	14.4	10.3	12.9	20.8	10.2	**14.633**
	1yr Mean	2.71*	2.35	3.10*	2.11*	1.85*	2.21*	3.72*	1.60*	**2.51**

A.F3.24: Ouray (Uintah) - 49-047-2003: Recent Measures

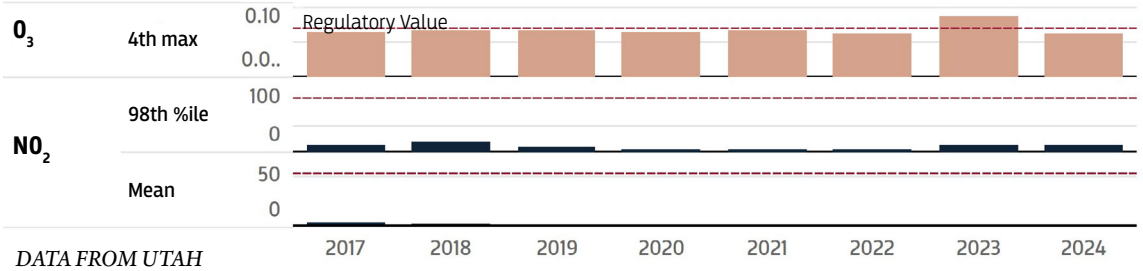


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.25: Whiterocks (Uintah) - 49-047-7022: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.066	0.069	0.067	0.065	0.068	0.062	0.088	0.062	**0.071**
NO_2	98th %ile	13.8	20.5	8.3	7.6	7.3	5.8	11.4	13.1	**10.1**
	1yr Mean	4.55*	3.86	1.16*	1.08*	1.04*	0.96*	1.47*	1.27*	**1.233**

A.F3.25: Whiterocks (Uintah) - 49-047-7022: Recent Measures



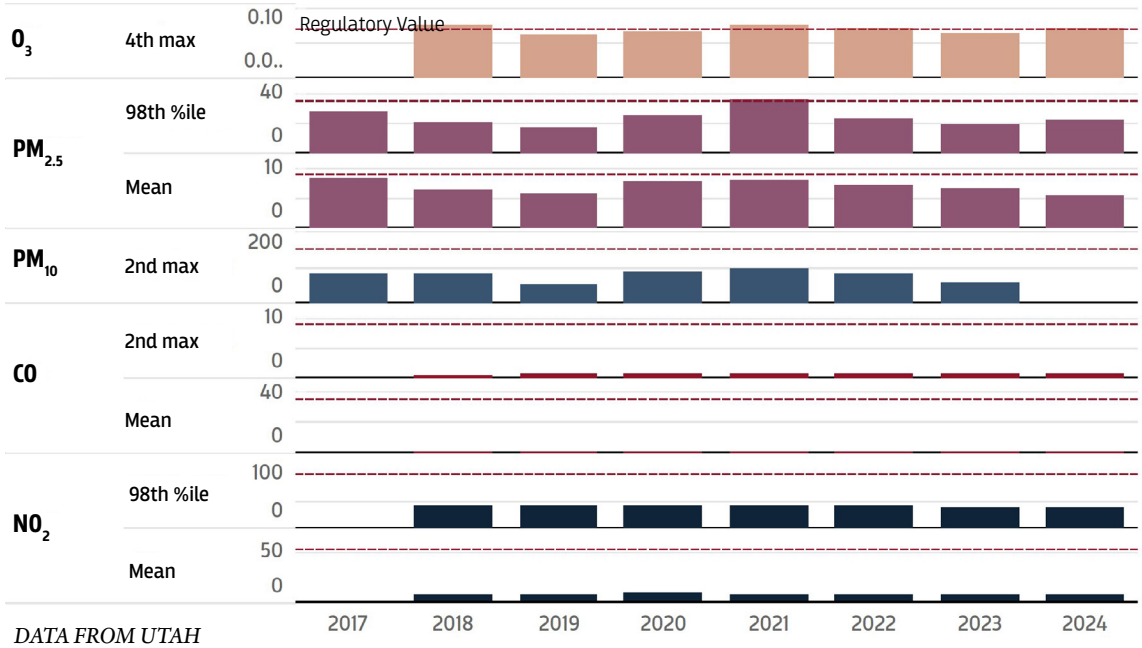
DATA FROM UTAH DIVISION OF AIR QUALITY

Air Monitoring Program - Continued

A.T3.26: Lindon - 49-049-4001: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	-	0.079	0.062	0.068	0.077	0.074	0.066	0.073	**0.071**
$PM_{2.5}$	98th %ile	27.6	21.6	17.2	26.2	35.9	23.1	20.2	22.7	**22**
	1yr Mean	8.4	6.36	5.91	7.85	8.2	7.23	6.69	5.71	**6.543**
PM_{10}	2nd Max	82	85	53	90	100	82	61	-	**81**
CO	2nd Max	-	0.5	1	0.8	1	0.8	0.8	0.8	**0.8**
	1yr Mean	-	0.7	1.2	1.1	1.5	1.1	1	1.2	**1.1**
NO_2	98th %ile	-	41	40.8	43.1	42.2	40.7	38.6	38.6	**39.3**
	1yr Mean	-	8.81	8.92	9.6	9.02	9.09	8.42	8.02	**8.51**

A.F3.26: Lindon - 49-049-4001: Recent Measures

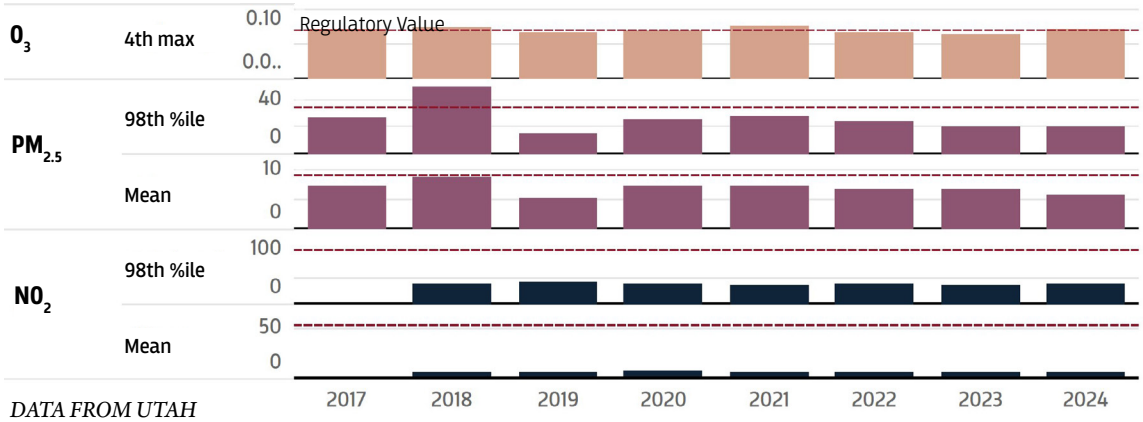


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.27: Spanish Fork - 49-049-5010: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.072	0.073	0.066	0.07	0.076	0.066	0.065	0.072	**0.068**
$PM_{2.5}$	98th %ile	27.6	50.7	16.1	25.4	27.8	24.9	20.6	20	**21.833**
	1yr Mean	7.26	8.7	5.28*	7.23	7.44	6.69	6.81	5.89	**6.463**
NO_2	98th %ile	-	39	41.9	38.5	34.6	38.2	37	38.2	**37.8**
	1yr Mean	-	6.64	7.03	7.78	7.12	7.06	7.19	6.25	**6.833**

A.F3.27: Spanish Fork - 49-049-5010: Recent Measures



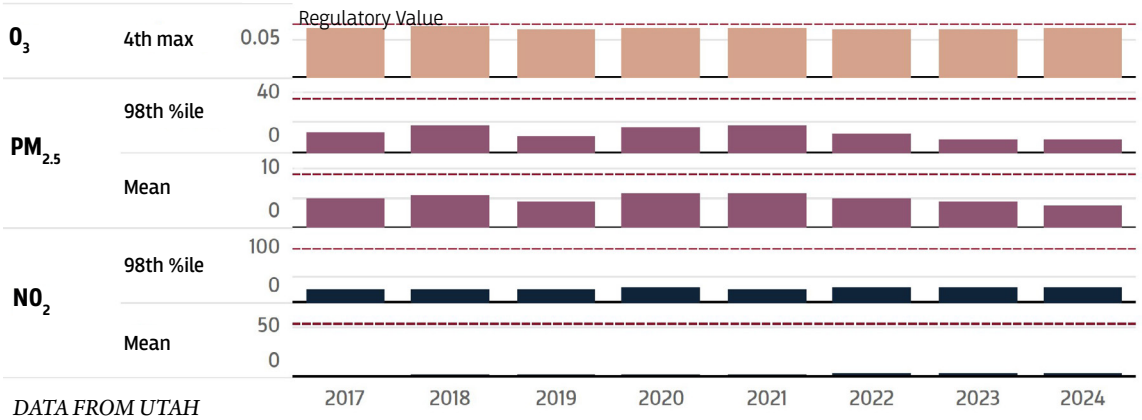
DATA FROM UTAH DIVISION OF AIR QUALITY

Air Monitoring Program - Continued

A.T3.28: Hurricane - 49-053-0007: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.067	0.069	0.064	0.065	0.067	0.064	0.063	0.066	**0.064**
$PM_{2.5}$	98th %ile	13.5	17.9	10.9	16.6	18.5	13.1	9.4	9.2	**10.567**
	1yr Mean	4.93*	5.50*	4.35*	5.82	5.87	5.09	4.34	3.84	**4.423**
NO_2	98th %ile	26	27	25.8	30	24.9	29.8	28.5	28.6	**28.967**
	1yr Mean	2.54	2.9	2.73	3.33	3.29	5.5	4.5	4.33	**4.777**

A.F3.28: Hurricane - 49-053-0007: Recent Measures

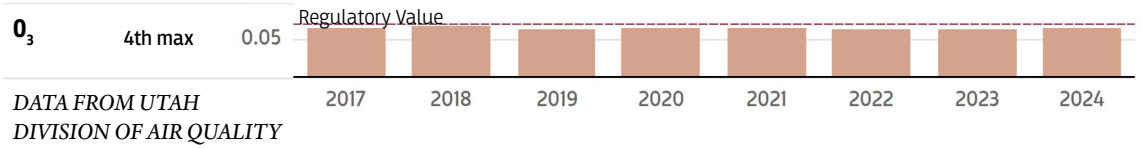


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.29: Zion National Park - 49-053-0130: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.067	0.069	0.063	0.067	0.067	0.064	0.064	0.067	**0.065**

A.F3.29: Zion National Park - 49-053-0130: Recent Measures

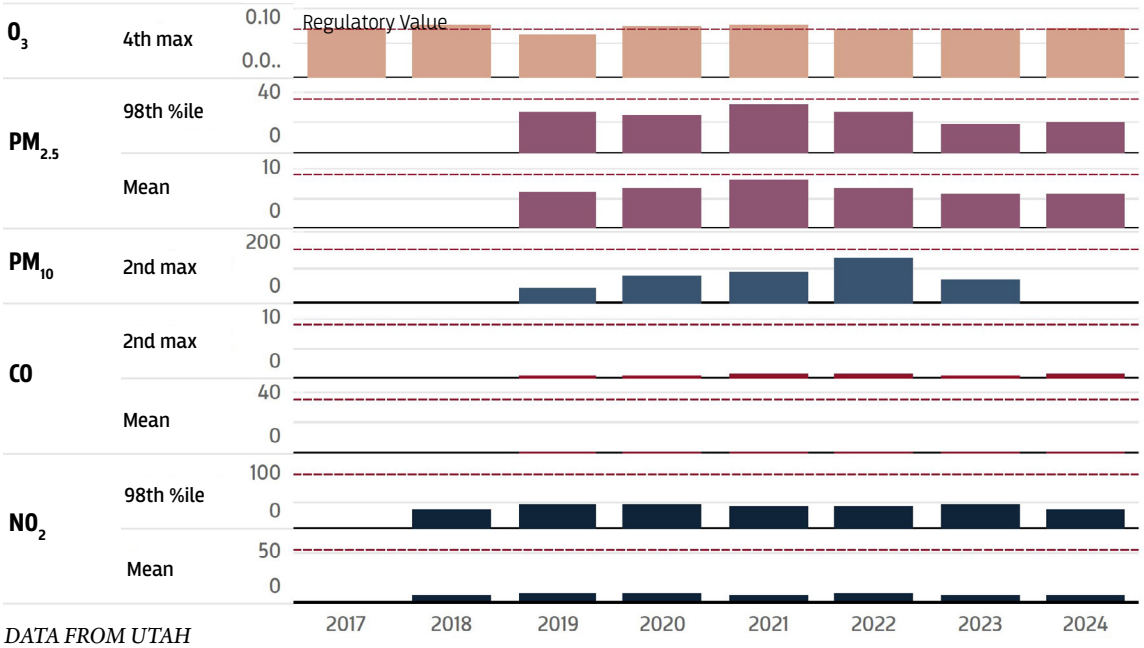


DATA FROM UTAH DIVISION OF AIR QUALITY

A.T3.30: Harrisville - 49-057-1003: Measures and Calculated DV

Pollutant	Measure	2017	2018	2019	2020	2021	2022	2023	2024	DV
O_3	4th Max	0.073	0.077	0.063	0.074	0.077	0.071	0.07	0.073	**0.071**
$PM_{2.5}$	98th %ile	-	-	26.8	25.6	32.4	27.1	19.6	20.3	**22.333**
	1yr Mean	-	-	6.30*	6.88	8.1	6.6	5.85	5.77	**6.073**
PM_{10}	2nd Max	-	-	44	77	86	126	69	-	**93.667**
CO	2nd Max	-	-	0.5	0.6	1	0.8	0.7	0.8	**0.767**
	1yr Mean	-	-	0.9	1.3	1.1	1.2	1	1.2	**1.133**
NO_2	98th %ile	-	37	44.4	47	41.7	41.2	44.1	35.8	**40.367**
	1yr Mean	-	8.72	10.89	11.17	8.36	10.23	8.69	8.09	**9.003**

A.F3.30: Harrisville - 49-057-1003: Recent Measures

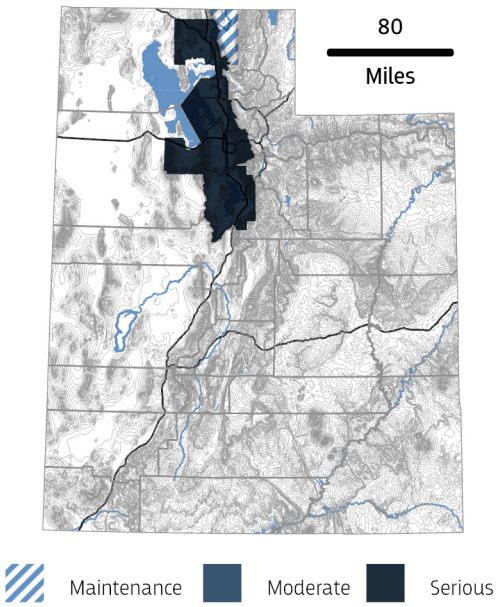


DATA FROM UTAH DIVISION OF AIR QUALITY

Air Quality Non-Attainment

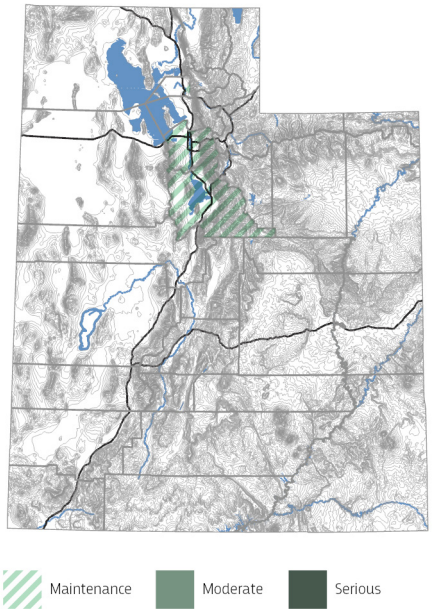
The Environmental Protection Agency (EPA) establishes National Ambient Air Quality Standards under the Clean Air Act to protect public health and the environment. Regions that consistently exceed these standards are classified as "non-attainment areas," with severity levels based on the degree of exceedance. To determine whether an area meets the standards, the EPA compares Design Values—three-year averages of measured pollutant concentrations—with Regulatory Values. When a region is in nonattainment, the state must submit an implementation plan detailing strategies to reduce pollutant levels and achieve compliance. Once the area meets the standards, it enters a 10-year maintenance period to ensure continued attainment and prevent future violations.

L.F4.1: $PM_{2.5}$ Non-Attainment Areas



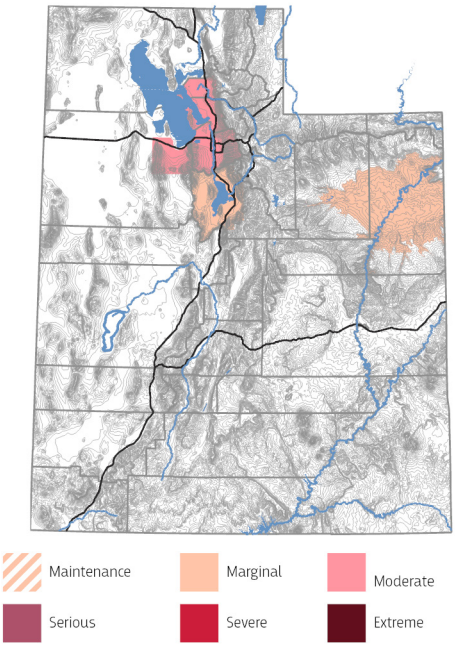
DATA FROM ENVIRONMENTAL PROTECTION AGENCY

L.F4.2: PM_{10} Non-Attainment Areas



DATA FROM ENVIRONMENTAL PROTECTION AGENCY

L.F4.3: Ozone Non-Attainment Areas

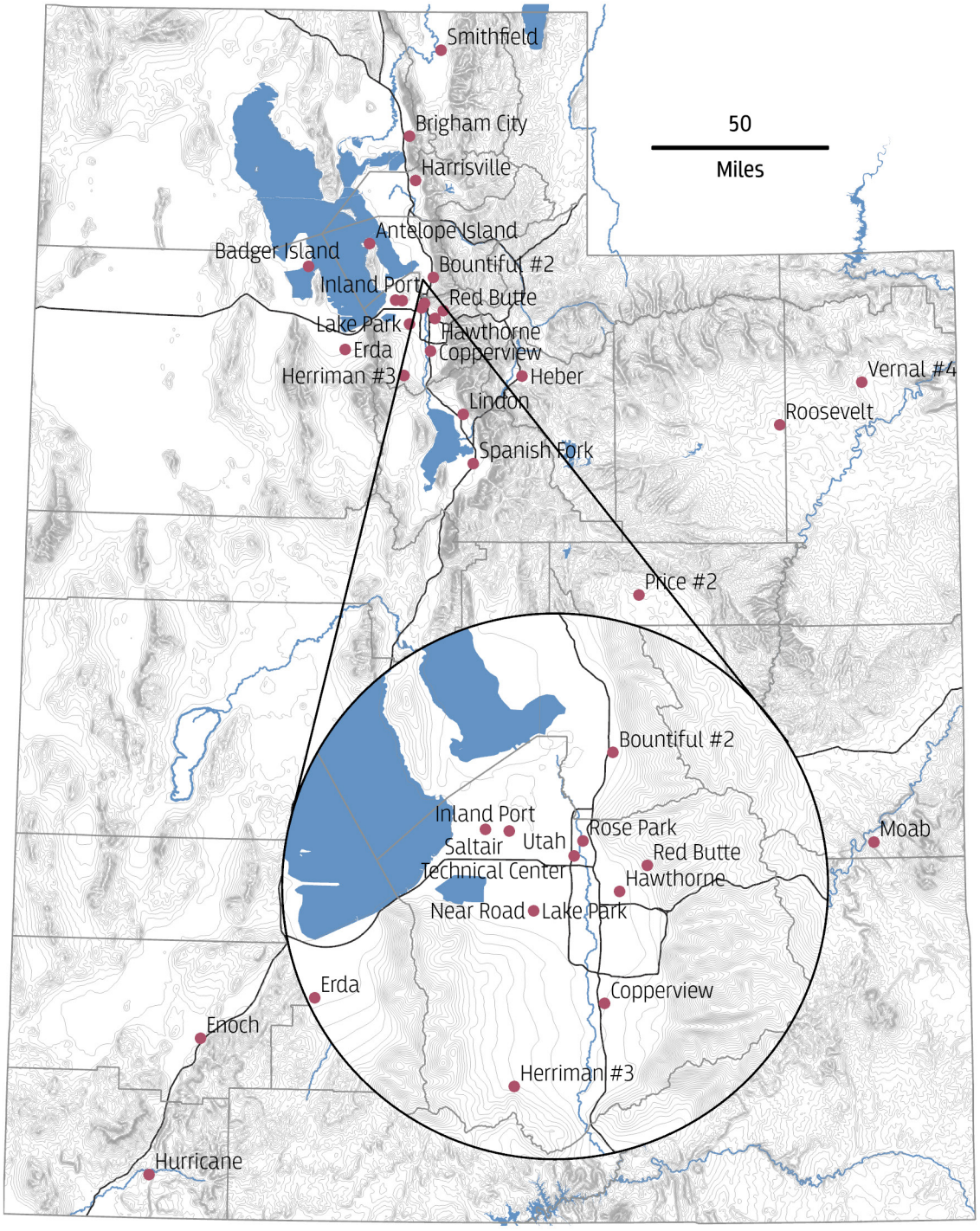


DATA FROM ENVIRONMENTAL PROTECTION AGENCY

Air Monitoring Locations

The Department of Environmental Quality carefully monitors air quality around the state using strategically placed monitors. In 2024 the state invested in 4 new monitors and expanded 4 to capture new particulate matter metrics around Great Salt Lake. Currently there are 26 monitors statewide, a majority of which are clustered around the Great Salt Lake to enable scientists to better understand Great Salt Lake dust composition and monitor dust events.

A.F5: Air Monitoring Locations



DATA FROM UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR REFERENCES

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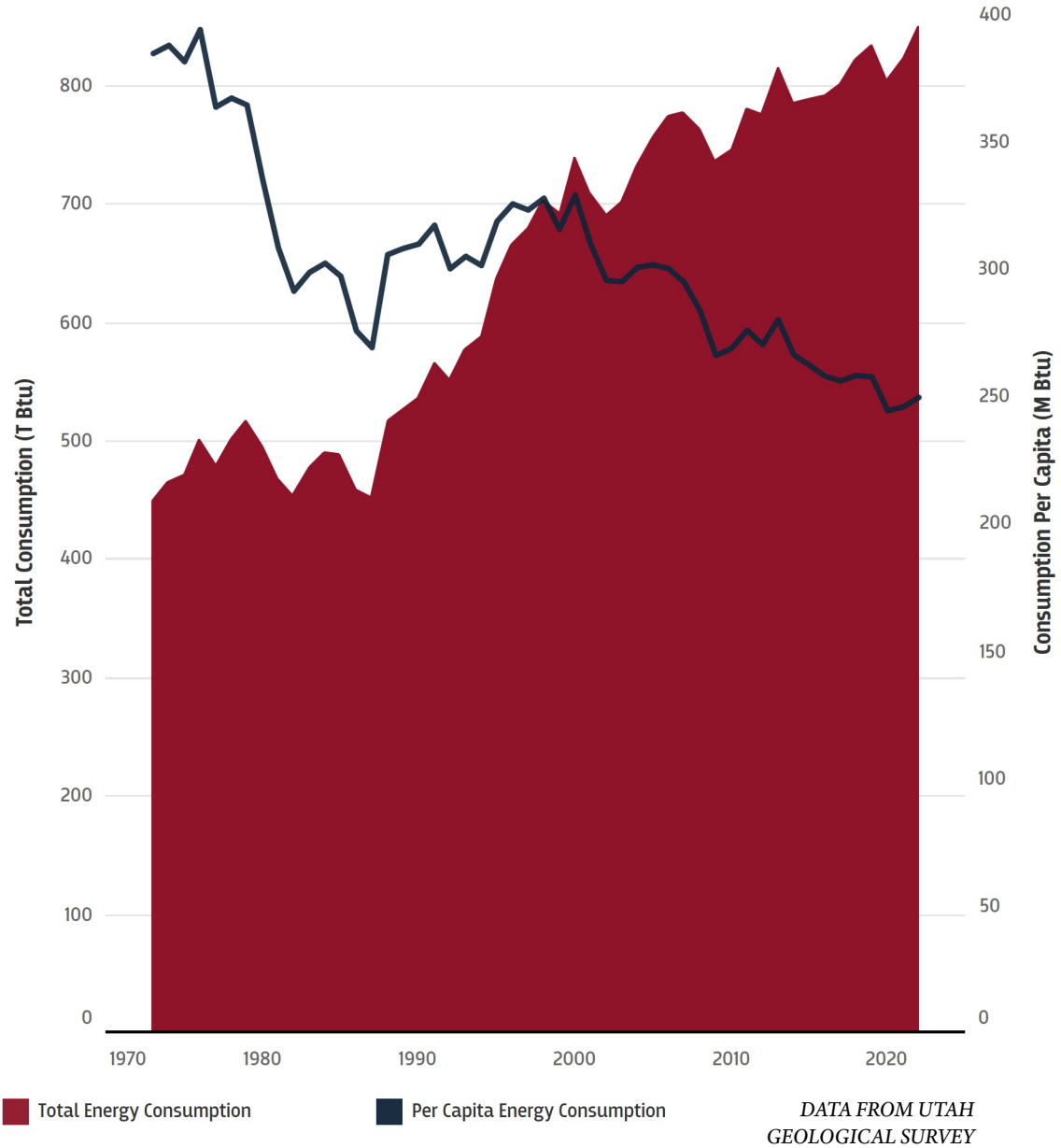
VIEW FROM THE WELLSVILLE MOUNTAINS | KORI ANN KURTZEBORN

UTAH LAKE AT BLUE HOUR | AARON FORTIN

Utah's **Energy** *metrics*

Utah's Operation Gigawatt initiative aims to add a gigawatt of new power through nuclear, geothermal, and complementary technologies. This is not only a response to rapid population growth and rising energy demand, but also a chance to re-imagine the role of natural resources in powering Utah's future. While total energy consumption continues to rise Utah per capita use (or average use per individual) continues to steadily decline. This demonstrates continued improvements in transmission and production efficiency, along with potential changes at the individual and community scales. Currently Utah is ranked 39th in energy production. Achieving the goals set in Operation Gigawatt would elevate this ranking substantially.

E.F1: Total Energy Consumption vs. Per Capita Use (Btu)



DATA FROM UTAH GEOLOGICAL SURVEY

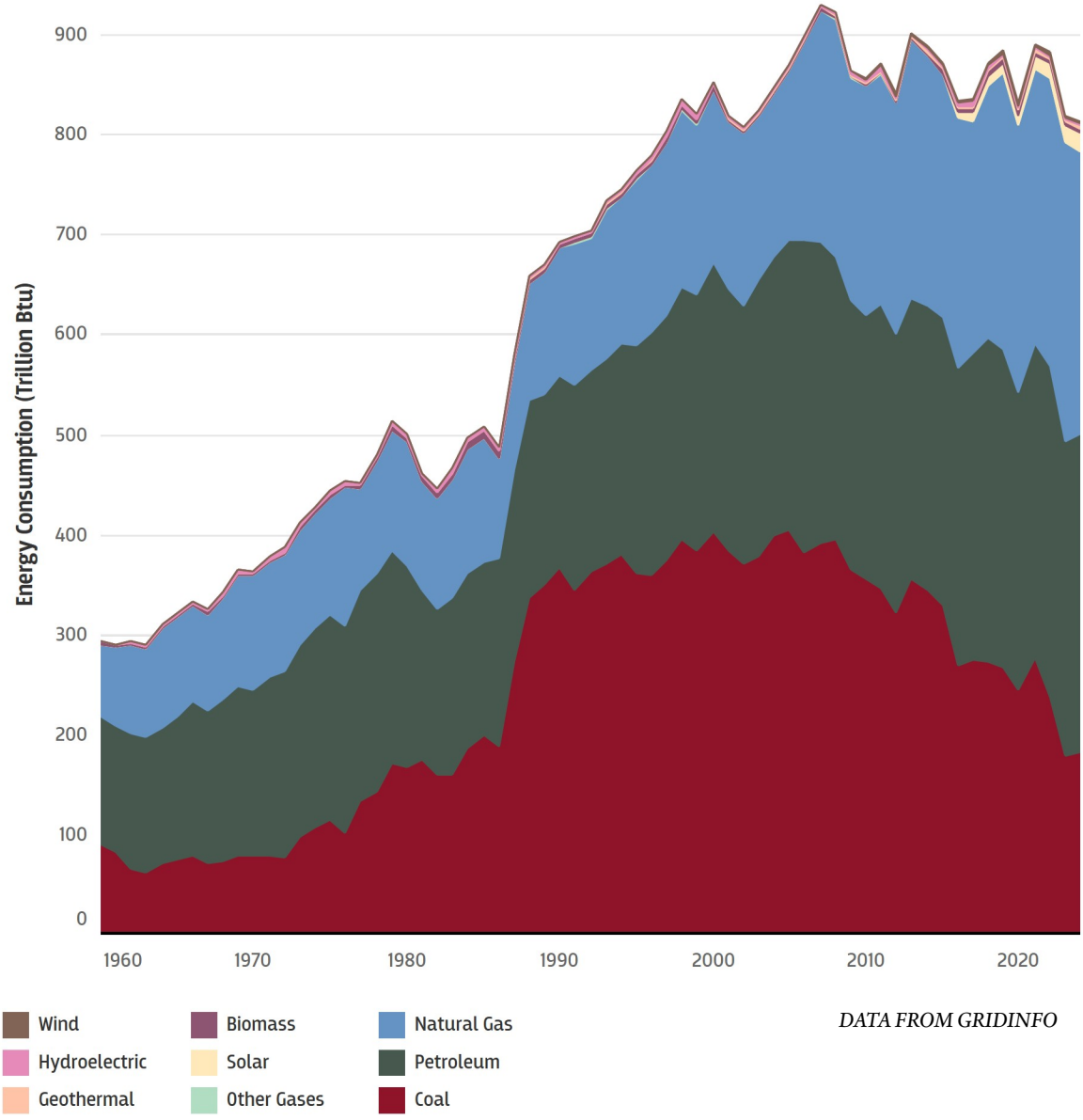
E.T1: Electricity Generation Rankings by State (Grid Info)

1. Texas
2. Florida
3. Pennsylvania
4. California
5. Illinois
6. Georgia
7. Alabama
8. New York
9. Michigan
10. Ohio
11. Arizona
12. Indiana
13. North Carolina
14. Louisiana
15. South Carolina
16. Washington
17. Oklahoma
18. Iowa
19. Virginia
20. Mississippi
21. Missouri
22. Tennessee
23. Kentucky
24. Arkansas
25. New Jersey
26. Oregon
27. Minnesota
28. Wisconsin
29. West Virginia
30. Colorado
31. Kansas
32. Wyoming
33. Nevada
34. North Dakota
35. Maryland
36. Nebraska
37. New Mexico
38. Connecticut
39. **Utah**
40. Montana
41. Massachusetts
42. South Dakota
43. New Hampshire
44. Idaho
45. Maine
46. Rhode Island
47. Hawaii
48. Delaware
49. Alaska
50. Vermont

Energy Consumption by Source

The Utah Geological Survey tracks mineral and fuel extraction, along with other general energy metrics. Their dataset includes statewide energy consumption data divided into energy sources. The following chart and table demonstrate total energy consumption broken down by fuel source. The most recent years of data show a higher proportion of energy coming from renewable sources, while coal, petroleum, and natural gas slowly decline. In this dataset, consumption is reported in Btu (British Thermal Units). One Btu is defined as the amount of energy to raise the temperature of one pound of water by one degree.

E.F2: Utah Energy Consumption by Source (Btu)



DATA FROM GRIDINFO

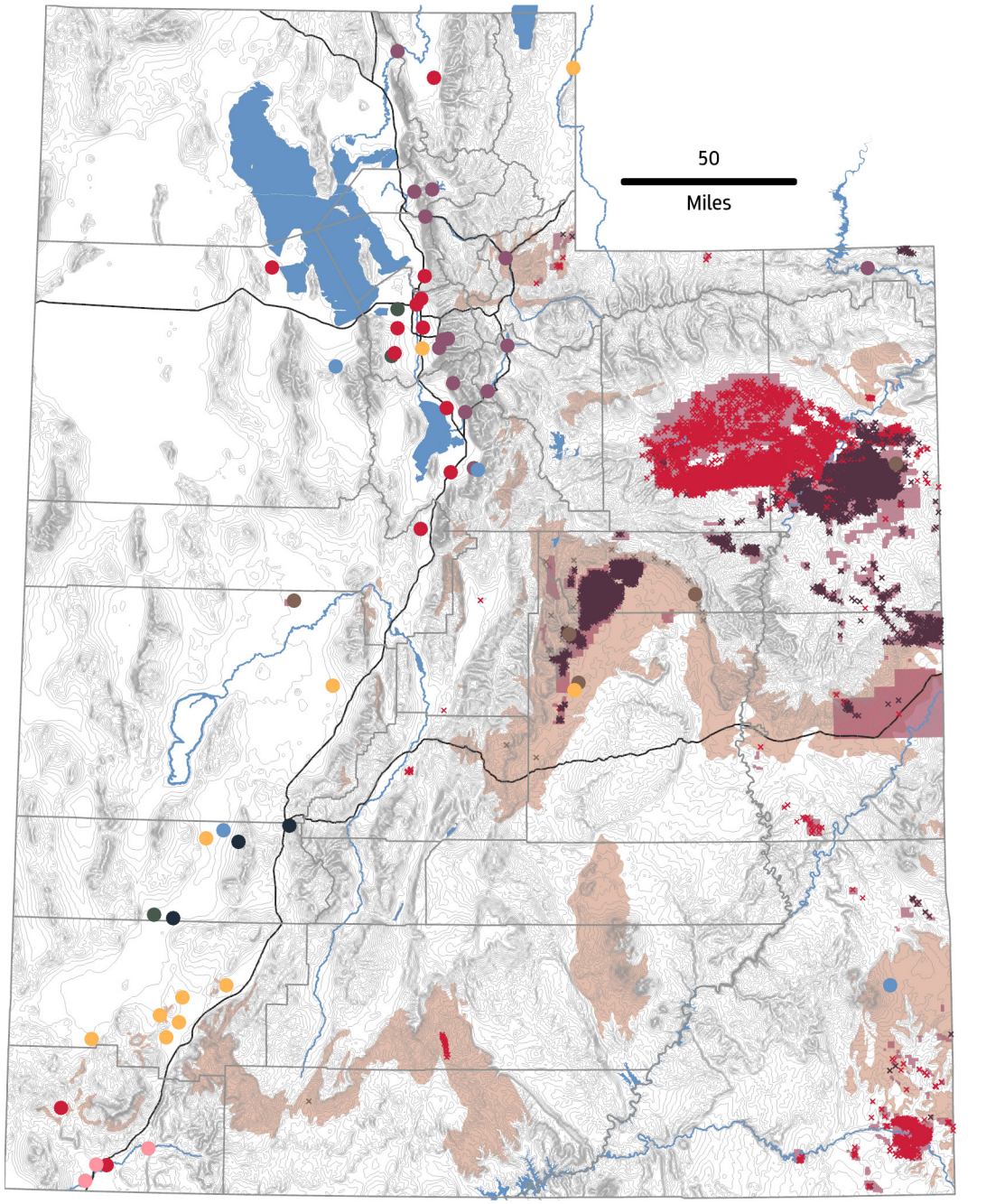
E.T2: Energy Consumption by Source (Btu)

Year	Coal (short tons)	Petroleum	Natural Gas	Other Gases	Total Fossil Fuel	Hydroelectric	Biomass	Geothermal	Wind	Solar	Total Renewable
2000	403.07	268.71	173.44	0.88	**846.09**	2.55	4.31	1.17	0.00	0.04	**8.07**
2001	384.45	261.66	167.58	0.00	**813.69**	1.74	2.62	1.22	0.00	0.04	**5.62**
2002	370.55	258.56	172.37	0.00	**801.48**	1.56	2.59	1.44	0.00	0.04	**5.64**
2003	379.19	276.56	163.53	0.00	**819.28**	1.44	2.71	1.21	0.00	0.04	**5.40**
2004	399.70	277.60	164.15	0.00	**841.46**	1.53	2.76	1.25	0.00	0.04	**5.58**
2005	405.55	289.75	168.77	0.00	**864.06**	2.68	2.46	1.29	0.00	0.03	**6.46**
2006	382.76	312.31	197.89	0.00	**892.96**	2.55	2.49	1.32	0.00	0.03	**6.39**
2007	391.39	302.54	231.13	0.00	**925.05**	1.84	2.82	1.26	0.00	0.04	**5.96**
2008	395.88	282.95	237.41	0.12	**916.36**	2.28	2.89	1.66	0.08	0.04	**6.95**
2009	364.99	269.31	223.65	0.10	**858.04**	2.85	1.72	1.72	0.54	0.05	**6.88**
2010	356.15	264.23	229.08	0.12	**849.58**	2.37	1.95	1.69	1.53	0.06	**7.60**
2011	346.18	284.80	230.67	0.11	**861.77**	4.20	1.63	1.95	1.95	0.07	**9.80**
2012	322.06	277.88	232.63	0.01	**832.58**	2.55	1.43	1.95	2.40	0.10	**8.44**
2013	355.23	281.75	258.66	0.01	**895.64**	1.72	1.77	1.90	1.84	0.14	**7.37**
2014	344.05	284.31	251.65	0.00	**880.01**	2.16	1.80	2.59	2.25	0.19	**8.99**
2015	330.04	288.29	242.85	0.03	**861.21**	2.62	4.24	2.27	2.14	0.40	**11.67**
2016	269.02	298.80	250.20	0.18	**818.20**	2.59	4.45	2.46	2.81	4.16	**16.47**
2017	274.82	308.02	231.15	0.06	**814.04**	4.41	4.30	2.45	2.93	8.59	**22.68**
2018	273.12	323.38	253.82	0.02	**850.34**	3.16	5.42	2.33	2.71	8.99	**22.62**
2019	266.99	319.23	276.46	0.06	**862.74**	2.99	5.42	1.87	2.79	9.09	**22.16**
2020	244.28	298.48	266.60	0.03	**809.38**	2.79	4.53	2.09	2.74	10.70	**22.84**
2021	276.16	315.54	274.42	0.02	**866.14**	1.80	3.87	2.24	2.82	14.18	**24.91**
2022	237.87	331.45	286.98	0.01	**856.31**	2.14	3.67	2.39	2.47	15.85	**26.52**
2023	178.58	314.97	298.99	0.01	**792.54**	2.73	3.63	2.37	2.33	16.60	**27.67**
2024	182.41	318.95	281.48	0.00	**782.84**	2.70	3.53	2.21	2.63	20.49	**31.55**

Utah's Energy Assets

Utah has a wealth of renewable and non-renewable energy assets. The map below includes power production facilities illustrated by colored points corresponding to facility type. Additionally, active mines are illustrated over fuel deposits. The Utah Office of Energy Development maintains a list of all power production facilities, and the Utah Division of Oil, Gas, and Mining tracks mining activities.

E.F3: Power Generation Facilities and Fuel Extraction Areas



DATA FROM UTAH OFFICE OF ENERGY DEVELOPMENT AND UTAH DIVISION OF OIL, GAS, AND MINING

Net Energy Generation by County

"Net Generation" refers to the useful electricity actually supplied to the grid after subtracting the power used by the plant itself (station service/auxiliaries.) This table measures the total net generation from December 2023–December 2024. This data is aggregated from direct grid reports and provided by GridInfo. Generation is reported by megawatt hour (MWH) and reported alongside the number of power production facilities in each county. A megawatt-hour (MWH) is a unit of energy measurement equal to 1,000 kilowatts (kW) of electricity generated or consumed continuously for one hour, totaling 1,000 kilowatt-hours (kWh) or 1 million watt-hours.

E.T3: 2024 Net Electricity Generation by County (MWH)

County	Number of Power Plants	Net Generation All Sources
Box Elder	5	511,000
Cache	5	44,400
Carbon	3	519,000
Daggett	1	407,900
Davis	5	39,300
Duchesne	1	6,700
Emery	8	11,500,000
Garfield	1	20,400
Iron	22	1,900,000
Juab	2	3,000,000
Millard	8	6,100,000
Morgan	1	14,900
Rich	1	139,100
Salt Lake	18	1,300,000
San Juan	3	341,500
Sanpete	5	11,900
Sevier	1	199,200
Summit	2	22,300
Tooele	5	408,900
Uintah	1	2,500,000
Utah	13	7,000,000
Wasatch	5	110,600
Washington	9	230,800
Weber	6	29,700

Annual Generation by Facility per County

"Annual Generation" refers to the total production capacity of a power plant facility over the course of one year, including power required for transmission and to operate the plant. Reported here are the power production facilities found in each county, their annual generation and total annual generation of each power facility combined. Generation is reported in megawatt hours (MWH), alongside fuel source.

E.T4.1: Beaver County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Blue Mountain Biogas	12	Biomass Gas
Blundell	272,457	Geothermal
Cove Fort	120,793	Geothermal
Escalante Solar I, LLC	211,103	Solar
Escalante Solar II, LLC	211,721	Solar
Escalante Solar III, LLC	210,029	Solar
Granite Peak Solar Plant	6,205	Solar
Greenville Solar Plant	4,396	Solar
Laho Solar Plant	6,245	Solar
Milford 2	6,983	Solar
Milford Flat Solar Plant	6,198	Solar
Milford Solar 1	261,897	Solar
Milford Wind Corridor I LLC	399,671	Wind
Milford Wind Corridor Stage II LLC	193,526	Wind
Smithfield 1	8,456	Solar
Smithfield 3	5,515	Solar
South Milford Solar Plant	7,351	Solar
Thermo No 1	57,730	Geothermal
Upper Beaver	10,070	Hydro
Total Annual Generation	**2,000,358**	**Mixed**

E.T4.2: Box Elder County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Brigham City	7,835	Hydro
Cutler Hydro	86,624	Hydro
Rocket Solar, LLC	209,797	Solar
SF Auto T1	6,081	Solar
Steel Solar LLC	200,690	Solar
Total Annual Generation	**511,027**	**Mixed**

E.T4.3: Cache County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Central Energy Plant USU	20,804	Natural Gas
Hydro II	19,075	Hydro
Logan City	4,596	Natural Gas
Total Annual Generation	**44,475**	**Mixed**

E.T4.4: Carbon County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Graphite Solar I	20,804	Solar
Sunnyside Cogen Associates	19,075	Mixed/Other
Total Annual Generation	**4,596**	**Mixed**

E.T4.5: Daggett County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Flaming Gorge	407,932	Hydro
Total Annual Generation	**407,932**	**Hydro**

Annual Generation by Facility per County - Continued

E.T4.6: Davis County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Bountiful City	28,385	Natural Gas
Hill AFB LFG Facility, Bldg #737	8,239	Landfill Gas
Weber State University - Davis Campus PV	2,696	Solar
Total Annual Generation	**39,320**	**Mixed**

E.T4.7: Duchesne County Power Plant Annual Generation by Fuel Source (MWH)

Plant Name	Annual Generation	Fuel Type
Uintah	6,707	Hydro
Total Annual Generation	**6,707**	**Hydro**

E.T4.8: Emery County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Castle Solar, LLC	108,063	Solar
Hornshadow Solar II, LLC	145,659	Solar
Hornshadow Solar, LLC	106,600	Solar
Hunter	6,594,698	Bituminous Coal
Hunter Solar LLC (UT)	265,456	Solar
Huntington	4,249,767	Bituminous Coal
Total Annual Generation	**11,470,243**	**Mixed**

E.T4.9: Garfield County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Boulder	20,443	Hydro
Total Annual Generation	**20,443**	**Hydro**

E.T4.10: Iron County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Appaloosa Solar I	162,395	Solar
Beryl Solar Plant	6,340	Solar
Buckhorn Solar Plant	5,869	Solar
Cedar Valley Solar Plant	6,021	Solar
Cove Mountain Solar	159,062	Solar
Cove Mountain Solar 2	320,273	Solar
Enterprise Solar, LLC	220,060	Solar
Fiddler's Canyon #1	7,313	Solar
Fiddler's Canyon #2	7,434	Solar
Fiddler's Canyon 3	7,491	Solar
Granite Mountain Solar East, LLC	203,092	Solar
Granite Mountain Solar West, LLC	125,092	Solar
Iron Springs Solar, LLC	213,737	Solar
Quichapa 1	6,608	Solar
Quichapa 2	5,761	Solar
Quichapa 3	7,049	Solar
Three Peaks Power	225,848	Solar
Utah Red Hills Renewable Energy Park	208,560	Solar
Total Annual Generation	**1,898,005**	**Solar**

E.T4.11: Juab County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Clover Creek Solar Community Solar	198,849	Solar
Currant Creek	2,788,935	Natural Gas
Total Annual Generation	**2,987,784**	**Mixed**

Annual Generation by Facility per County - Continued

E.T4.12: Millard County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Intermountain Power Project	5,822,710	Coal
Pavant Solar II LLC	80,301	Solar
Pavant Solar III	43,630	Solar
Pavant Solar, LLC	113,940	Solar
Total Annual Generation	**6,060,581**	**Mixed**

E.T4.13: Morgan County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Gateway	14,874	Hydro
Total Annual Generation	**14,874**	**Hydro**

E.T4.14: Rich County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Sage Solar I-III	139,100	Solar
Total Annual Generation	**139,100**	**Solar**

E.T4.15: Salt Lake County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Copperton Solar Plant No. 1	648	Solar
Gadsby	281,466	Natural Gas
Granite	5,197	Hydro
HTW Plant 303 COGEN	47,274	Natural Gas
Kennecott Power Plant	159,852	Waste Heat : 76.4%|Natural Gas : 23.6%
Little Cottonwood	10,349	Hydro
Murray Turbine	37,300	Natural Gas
Salt Lake Energy Systems	24,280	Landfill Gas
Salt Palace Solar Gen Plant	1,210	Solar
Snowbird Power Plant	14,686	Natural Gas
Stairs	3,242	Hydro
Tesoro SLC Cogeneration Plant	199,872	Natural Gas : 98.9%|Other Gas : 1.1%
Trans-Jordan Generating Station	36,544	Landfill Gas
West Valley Generation Project	452,342	Natural Gas
Total Annual Generation	**1,274,262**	**Mixed**

E.T4.16: San Juan County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Latigo Wind Park	150,347	Wind
Red Mesa Solar Project	191,154	Solar
Total Annual Generation	**341,501**	**Mixed**

Annual Generation by Facility per County - Continued

E.T4.17: Sanpete County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Gunnison Solar	3,690	Solar
Hydro Plant No 3	4,620	Hydro
Manti Lower	802	Hydro
Manti Upper	464	Hydro
Unit 4	2,330	Hydro
Total Annual Generation	**11,906**	**Mixed**

E.T4.18: Sevier County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Sigurd Solar LLC	199,221	Solar
Total Annual Generation	**199,221**	**Solar**

E.T4.19: Summitt County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Echo Dam	13,278	Hydro
Wanship	8,995	Hydro
Total Annual Generation	**22,273**	**Hydro**

E.T4.20: Tooele County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Elektron Solar, LLC	212,279	Solar
Horseshoe Solar, LLC	196,519	Solar
US Magnesium	82	Natural Gas
Total Annual Generation	**408,880**	**Mixed**

E.T4.21: Uintah County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Bonanza	2,479,171	Coal
Total Annual Generation	**2,479,171**	**Coal**

E.T4.22: Utah County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Bartholomew	271	Hydro
BYU Central Heating Plant	115,632	Natural Gas
Lake Side Power Plant	5,928,223	Natural Gas
Nebo Power Station	875,128	Natural Gas
Payson	4	Coal
Provo Power Plant	4,888	Natural Gas
Spanish Fork	14,486	Hydro
Spanish Fork Community Solar	7,303	Solar
Spanish Fork Wind Park 2 LLC	46,622	Wind
Total Annual Generation	**7,003,824**	**Mixed**

E.T4.23: Wasatch County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Deer Creek (UT)	23,255	Hydro
Heber City	27,612	Natural Gas
Jordanelle Dam Hydroelectric Project	50,971	Hydro
Lake Creek Dam	3,205	Hydro
Snake Creek	5,567	Hydro
Total Annual Generation	**110,610**	**Mixed**

Annual Generation by Facility per County - Continued

E.T4.24: Washington County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Bloomington Power Plant	11	Distillate Fuel Oil
Bloomington Solar I	667	Solar
Hurricane City Power	7,384	Natural Gas
Millcreek Power Generation	148,882	Natural Gas
Quail Creek Hydro Plant #1	8,559	Hydro
Solomon Generating Facility	20,524	Natural Gas
St George Red Rock	178	Distillate Fuel Oil
Veyo Heat Recovery Project	38,961	Waste Heat
Washington City Electric Generation	5,655	Natural Gas
Total Annual Generation	**230,821**	**Mixed**

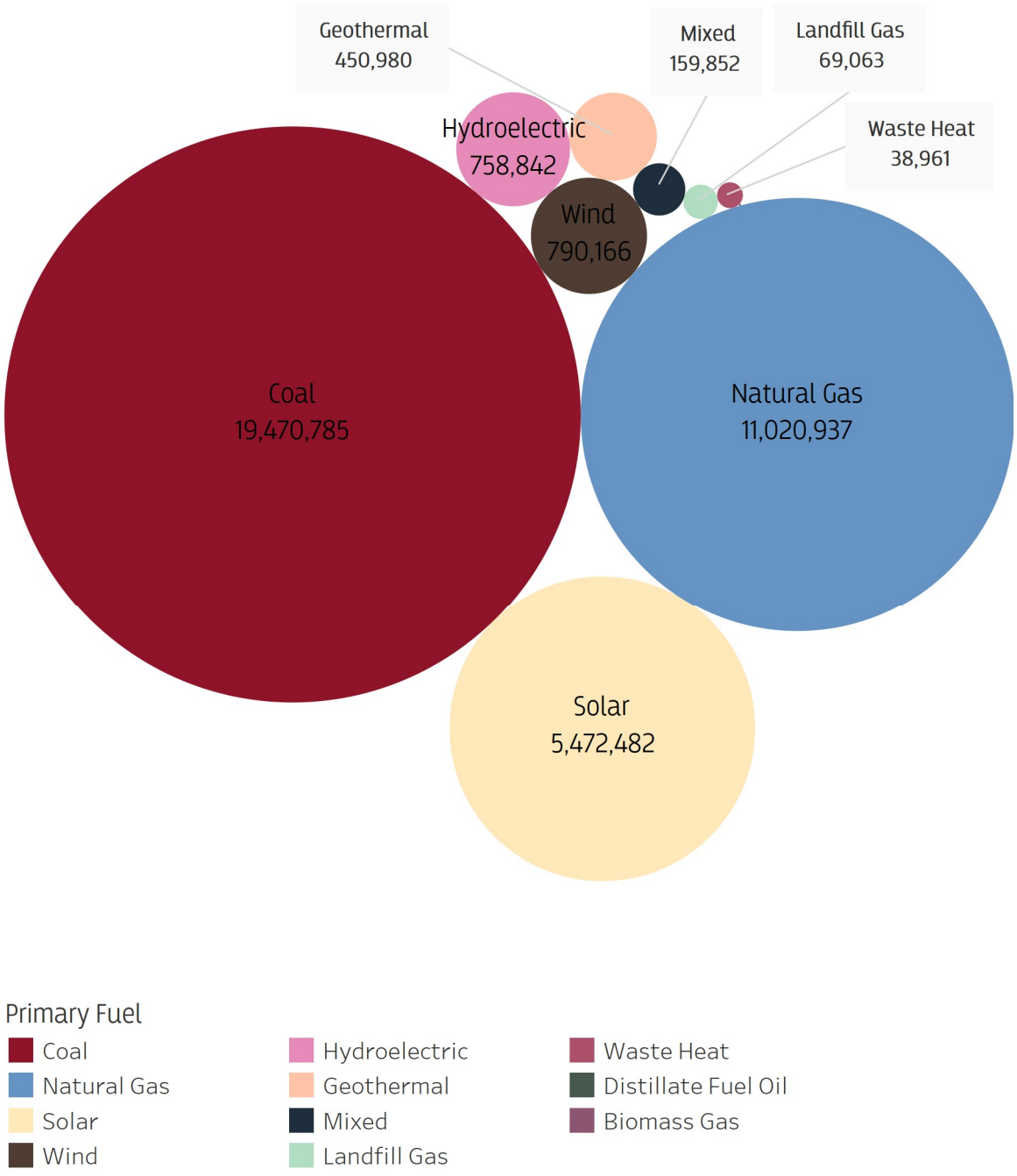
E.T4.25: Weber County Power Plant Annual Generation (MWH)

Plant Name	Annual Generation	Fuel Type
Causey	5,267	Hydro
Pine View Dam	6,151	Hydro
Pioneer	18,273	Hydro
SF Auto 01	218	Solar
Total Annual Generation	**29,909**	**Mixed**

Statewide Annual Generation by Fuel Source

Compiling the annual generation, or total production capacity including power used in production and transmission, for each power facility provides a unique look at the annual generation for the entire state of Utah. Dividing this by fuel type, large generation is seen from coal, natural gas, and solar sources, along with significant generation from wind and hydroelectric sources. Bubbles in this chart are sized relative to the annual generation from each source and labeled with total MWH generated.

E.F4: Annual Generation by Fuel Source (MWH)



Oil Production

Oil and natural gas production data is provided by the Utah Division of Oil, Gas, and Mining. The dataset includes detailed information on oil and natural gas production by county, field, and operator. This table reports oil production summed by county. Oil production is measured in barrels (BBL).

E.T5.1: Oil Production by County: Carbon - Juab (BBL)

	Carbon	Daggett	Duchesne	Emery	Garfield	Grand	Juab
2010	37,099	480	10,916,835	6,106	169,698	117,603	0
2011	12,164	638	11,940,230	3,295	166,534	82,710	0
2012	0	348	14,415,391	2,440	154,566	363,559	0
2013	0	444	16,540,818	1,569	152,558	1,094,061	0
2014	0	867	19,467,972	1,255	153,002	1,341,026	0
2015	95,997	601	17,113,980	184	146,922	913,982	0
2016	95,073	746	13,895,726	608	133,117	517,633	0
2017	57,792	803	16,986,437	571	139,199	407,603	236
2018	47,386	581	19,003,004	347	133,801	349,571	0
2019	43,181	533	20,184,515	220	125,868	237,322	0
2020	34,905	1,306	16,628,602	30	110,211	157,842	0
2021	28,003	1,127	20,353,519	0	116,775	141,384	0
2022	28,234	1,498	29,008,082	0	117,869	118,899	0
2023	25,920	1,123	38,577,533	0	109,339	109,372	0
2024	21,328	733	45,699,031	0	93,109	94,189	0
2025	20,159	1,502	43,205,258	10	112,950	81,359	0

E.T5.2: Oil Production by County: Rich - Uintah (BBL)

	Rich	San Juan	Sanpete	Sevier	Summit	Uintah
2010	0	3,898,481	46,254	2,622,401	244,280	6,606,384
2011	0	4,220,343	73,360	2,521,790	233,559	7,021,699
2012	0	4,403,820	80,859	2,219,376	196,085	8,367,338
2013	0	4,572,248	38,139	1,885,987	209,828	10,506,120
2014	0	4,574,932	61,031	1,609,592	218,188	13,486,558
2015	0	4,374,969	87,968	1,432,936	191,312	12,777,507
2016	0	4,243,892	79,247	1,257,711	187,225	10,117,371
2017	0	4,112,573	88,428	1,196,170	169,161	11,278,096
2018	0	3,916,280	76,510	1,269,427	173,320	12,146,278
2019	0	3,792,738	71,819	1,330,640	168,517	10,977,395
2020	0	3,289,423	71,276	1,103,994	161,920	9,439,973
2021	34	2,427,331	64,345	960,444	156,364	10,628,665
2022	0	2,341,337	59,853	1,126,316	143,077	11,440,029
2023	466	2,707,061	57,570	1,116,612	152,386	12,621,453
2024	47	2,509,580	53,530	1,030,362	131,849	14,591,078
2025	0	2,468,536	46,686	839,744	132,628	14,829,538

Natural Gas Production

Oil and natural gas production data is provided by the Utah Division of Oil, Gas, and Mining. The dataset includes detailed information on oil and natural gas production by county, field, and operator. This table reports natural gas production, summed by county. Natural gas production is measured in cubic ft.

E.T6.1: Natural Gas Production by County: Carbon - San Juan (cubic feet)

	Carbon	Daggett	Duchesne	Emery	Garfield	Grand	San Juan
2010	83,619,761	1,026,185	35,834,914	14,389,866	9,125	4,487,035	9,656,026
2011	90,295,281	905,841	40,279,564	12,415,638	9,125	4,127,064	9,382,308
2012	90,976,211	548,399	41,573,622	10,904,775	9,150	4,148,601	9,279,194
2013	71,645,926	361,393	43,945,422	10,256,046	7,625	4,341,425	9,813,273
2014	61,210,148	1,438,737	49,676,702	9,445,358	8,350	4,451,024	10,588,556
2015	69,382,875	1,103,337	41,754,816	8,630,719	8,350	4,496,603	11,511,312
2016	55,684,110	1,336,934	35,952,110	8,143,306	9,150	4,104,822	10,157,132
2017	46,883,601	1,078,305	38,971,837	7,466,663	9,125	3,596,442	8,876,914
2018	42,230,044	781,050	42,470,419	6,952,008	9,125	3,062,669	9,647,060
2019	38,516,144	981,362	43,538,031	6,384,177	9,125	2,664,931	9,970,988
2020	35,519,154	851,446	40,179,954	5,970,490	9,151	2,400,019	8,607,788
2021	33,087,386	733,777	45,287,760	5,611,293	9,129	2,604,236	7,059,639
2022	30,964,336	794,204	56,037,502	5,379,334	9,103	2,776,170	6,264,395
2023	31,061,091	748,794	62,102,002	5,114,518	9,113	2,391,346	8,010,345
2024	29,223,561	591,116	72,331,571	4,949,728	9,155	2,334,630	6,749,332
2025	25,362,775	683,106	76,233,333	4,338,116	9,122	2,683,982	7,521,129

E.T6.2: Natural Gas Production by County: Sanpete - Uintah (cubit feet)

	Sanpete	Summit	Uintah
2010	373,280	7,219,035	283,314,145
2011	136,786	6,360,941	298,582,775
2012	0	4,921,147	328,214,209
2013	0	3,857,153	326,120,513
2014	0	3,607,411	309,598,050
2015	796,449	3,706,767	275,631,755
2016	878,826	2,964,585	246,050,467
2017	812,196	2,082,449	205,419,493
2018	708,139	1,980,016	187,985,145
2019	666,573	1,807,140	168,439,313
2020	634,255	868,890	147,518,133
2021	580,237	1,089,994	141,772,204
2022	533,187	1,224,218	155,104,189
2023	514,481	1,145,318	176,393,058
2024	480,168	854,959	184,376,668
2025	414,586	551,861	177,813,368

Coal Production

The Utah Mining 2024 report (Circular 136), published by the Utah Geological Survey, a division of the Utah Department of Natural Resources, reports coal production for the state of Utah. This dataset details historic coal production by mine. Coal production is measured in thousand short tons.

E.T7: Coal Production by Mine (thousand short tons)

Mine	County	2016	2017	2018	2019	2020	2021	2022	2023	2024
Lila Canyon	Emery	1,587	1,638	2,816	3,664	3,296	3,471	2,299	159	-
Dugout Canyon	Carbon	650	626	557	430	-	-	-	-	-
Skyline #3	Emery/ Carbon/ Sanpete	4,767	4,389	3,614	3,896	3,713	3,530	2,521	2,830	2,964
SUFCO	Sevier	5,375	5,947	4,842	4,374	4,601	3,425	3,882	2,692	3,099
Fossil Rock	Emery	-	-	-	-	-	-	-	-	45
Emery	Emery	-	135	442	694	474	1,171	1,063	798	1,065
Gentry #3	Emery	170	205	102	562	660	511	600	420	292
Gentry #4	Emery	724	754	893	488	11	-	-	-	-
Coal Hollow	Kane	671	724	488	240	569	434	354	67	-
Burton #1	Kane	34	-	-	-	-	-	-	-	-

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Need *more* data?

In addition to the quick reference tables and charts provided here, we offer additional historic data, filterable charts and tables, and downloadable content in our online metrics repository. You can access the repository at usu.edu/ilwa/metrics.

Janet Quinney Lawson Institute for Land, Water, and Air 2025

TOP LEFT: ILWA Team delivers 2025 *Report to the Governor and Legislature on Utah's Land, Water, and Air* TOP RIGHT: Journalists on Colorado River Collaborative media and watershed tour. MIDDLE LEFT: Brian Steed presenting at ILWA Student Chapter event. MIDDLE RIGHT: Rebecca Ivans, Brian Steed, and Kori Ann Kurtzeborn at Utah Geographic Information Council's Maps on the Hill event sharing Great Salt Lake Sentinel Landscape Storymap. BOTTOM LEFT: Representative Jill Koford Senator Luz Escamilla and Joel Ferry at ILWA/DNR/DEQ Natural Resources Legislative Training. BOTTOM RIGHT: Great Salt Lake Strike Team at Data present Data and Insights Summary.

Utah State University's Janet Quinney Lawson Institute for Land, Water, and Air has advanced in its mission of guiding land, water, and air policy in Utah by connecting policymakers with high-quality research. In 2025, we grew our team, brought in new partners, contributed to several important research projects, and deepened our relationships with state and federal leaders and managers. Below is a snapshot of some of our team's recent accomplishments.

1. Serve as Utah's trusted statewide source for land, water, & air expertise.

- Released and presented *2025 Report to the Governor and Legislature on Utah's Land, Water, and Air*.
- Partnered with Utah Departments of Environmental Quality and Natural Resources on legislative training.
- Presented Great Salt Lake Strike Team 2026 Data and Insights Summary.

2. Expand capacity for land, water, & air research, innovation, and impact.

- Partnered with Office of Energy Development for Gigawatt Fellowship.
- Presented groundwater studies synthesis and conservation options to Central Iron Water Conservancy District and Beaver County.
- Advanced mapping of phragmites near Great Salt Lake and conducted literature review of policies regarding invasive species removal.
- Launched the inaugural cohort of ILWA Fellows, with four USU faculty and two external members.

3. Build professional development and success opportunities for students in land, water, & air.

- Hosted events for student chapter, including Utah State Legislature explainer session and field trip.
- Launched Summer Research Fellowships, including Great Salt Lake Sentinel Landscape Partnership project.
- Awarded three Rangesan travel grants to help students present their research at conferences.
- Continued teaching, guest lecturing, and evaluations provided for USU natural resources classes.

4. Facilitate a business community centered on land, water & air innovation.

- Supported Salt Lake Chamber on state and federal priorities.
- Published editorial with Salt Lake Chamber: "Protecting Utah's Natural Resources is Good Business"
- Publishing metrics in February and April issues of *Utah Business Magazine*.
- Co-Hosted community event with SWANER EcoCenter & Preserver.

5. Provide convenings and trusted thought leadership on land, water & air issues.

- Partnered with The Nature Conservancy and Trout Unlimited on Colorado River Collaborative media and watershed tour.
- Provided additional support and analysis for Great Salt Lake Collaborative as it won Envision Utah's Common Good awards.
- Presentatrd data analytics at Utah Geographic Information Councils Maps on the Hill event.
- Continued growth in ILWA press releases and earned media (appx 1/week).

Janet Quinney Lawson
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Utah State University

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