

OAKtober 2023 Oak Competition Results

Location	GPS	Circ BH ft	DBH inches	Avg Crown Width	Tree Height feet	Above Ground Biomass (Lbs)	Carbon Storage (Lbs)	Carbon Sequestration Lbs/yr	Avoided Runoff gal/yr	Pollution Removal oz/yr	CO Removal gm/yr	O3 Removal gm/yr	NO2 Removal gm/yr	SO2 Removal gm/yr	PM10 Removal gm/yr	PM2.5 Removal gm/yr
Oregon Garden	44.992550, -122.792205	23.0	87.9	125	100	66,404	33,202	17.9	977.4	62.7	63.9	769.3	220.2	10.4	670.0	44.5
Oregon Garden	44.993136, -122.792254	19.3	73.5	60	90	46,519	23,259	17.9	1003.9	63.4	64.6	777.1	222.5	10.5	676.8	44.9
Oregon Garden	44.993284, -122.792119	18.1	69.1	50	90	41,052	20,526	17.9	1294.4	82.3	83.9	1009.4	289.0	13.6	879.2	58.4
Oregon Garden	44.59'45"N, -122.47'33"W	17.9	68.4	75	75	40,299	20,149	0.7	1294.4	82.7	84.3	1014.7	290.5	13.7	883.8	58.7
Oregon Garden	44.993538, -122.791994	16.5	63.0	100	90	34,179	17,090	0.7	1083.1	69.3	70.6	849.3	243.1	11.4	739.7	49.1
Mark Twain School	45.013307, -122.777915	16.167	61.8	70	75	32,814	16,407	14.1	713.3	56.1	46.4	669.3	185.6	8.4	634.2	45.4
Oregon Garden	44.993406, -122.792086	15.4	58.9	60	90	29,840	14,920	0.7	581.2	36.3	37.0	445.1	127.4	6.0	387.7	25.7
Pine Street oak	45.00'39"N, 122.47'28"W	14.8	56.3	80	75	27,316	13,658	14.1	686.8	44.8	40.9	533.8	155.7	7.1	498.4	35.5
Eureka Ave oak	44.994173, -122.780219	13.83	52.8	76	80	24,016	12,008	11.5	501.9	32.9	32.2	399.4	115.1	5.4	356.1	24.3
Brown St oak - Anytime F	45.010471, -122.787806	13.8	52.7	50	60	23,912	11,956	14.1	739.7	47.7	46.7	578.8	166.7	7.8	516.0	35.2
Main & Danger oak	45.006267, -122.780038	13.5	51.6	70	70	22,884	11,442	20.3	686.8	44.8	38.6	522.9	154.2	6.9	509.9	36.8
Rock Street oak	45.003881, -122.774121	13.42	51.3	75	100	22,613	11,307	18.3	554.8	35.8	30.8	418	123.3	5.5	407.7	29.5
private - cut down	45.010074, -122.780404	12.83	49.0	35	55	20,669	10,335	26.9	554.8	36.4	31.6	426.3	125.5	5.6	412.5	29.7
Oregon Garden	44.995844, -122.790794	12.5	47.7	65	60	19,620	9,810	30.9	634.0	40.3	40.6	492.7	141.3	6.6	431.8	28.9
Bethany Pioneer Cemetery	45.011200, -122.823638	12	45.8	60	70	18,083	9,041	14.1	739.7	47.7	46.7	578.8	166.7	7.8	516.0	35.2
Hill Street oaks	45.010087, -122.778920	11.8	45.1	65	80	17,485	8,743	35.7	475.5	31.7	27.0	369.1	109.1	4.9	362.4	26.3
Abiqua Commons	45.002123, -122.770785	11.75	44.9	61.5	80	17,338	8,669	32.0	369.8	24.8	21.4	290.1	85.6	3.8	282.9	20.4
Mark Twain School	45.014270, -122.779290	11.75	44.9	35	85	17,338	8,669	38.6	554.8	36.2	31.5	424.7	125.0	5.6	411.0	29.5
Silverton Cemetery	45.005122, -122.794553	11.75	44.9	50	62	17,338	8,669	38.6	660.4	42.4	41.5	514.5	148.2	6.9	458.7	31.3
Church Steet oaks	45.009954, -122.777158	11.5	43.9	60	70	16,608	8,304	26.7	211.3	15.8	13.0	188.2	52.2	2.4	178.4	12.8
Hill Street oak	45.011187, -122.779194	11.3	43.0	62.5	90	15,894	7,947	40.6	528.3	34.4	30.9	407.9	119.3	5.4	385.3	27.2
Mark Twain School	45.013314, -122.777689	11.16	42.6	25	65	15,641	7,821	24.5	184.9	13.6	11.3	162.9	45.2	2.1	154.4	11.1
Abiqua Commons	45.003278, -122.771719	11	42.0	30	70	15,196	7,598	42.5	528.3	35.0	30.1	408.8	120.6	5.4	398.6	28.8
Church Steet oaks	45.010057, -122.777215	11	42.0	60	70	15,196	7,598	27.1	184.9	13.9	11.5	165.6	45.9	2.1	156.9	11.2
Silverton Cemetery	45.005451, -122.794544	11	42.0	50	60	15,196	7,598	45.2	713.3	45.6	44.6	553.2	159.4	7.4	493.2	33.7
Abiqua Commons	45.003257, -122.771102	10.9	41.6	45	80	14,921	7,461	27.6	211.3	14.1	12.1	164.4	48.5	2.2	160.3	11.6
Mark Twain School	45.013898, -122.777372	10.75	41.1	40	65	14,514	7,257	28.2	184.9	14.3	11.8	170.2	47.2	2.1	161.2	11.6
Mark Twain School	45.014771, -122.778442	10.75	41.1	50	70	14,514	7,257	41.7	475.5	31.7	27.6	371.3	109.3	4.9	359.3	25.8
Mark Twain School	45.013929, -122.779247	10.6	40.5	30	70	14,112	7,056	37.0	369.8	24.3	21.1	284.2	83.7	3.8	275.0	19.8
Mark Twain School	45.013951, -122.777520	10.5	40.1	40	65	13,847	6,923	56.4	581.2	46.2	38.2	552.2	153.1	7.0	523.2	37.5
Abiqua Commons	45.003211, -122.771561	10.3	39.3	48	80	13,325	6,662	38.8	369.8	24.1	20.7	281.4	83.0	3.7	274.5	19.8
Abiqua Commons	45.002620, -122.770962	10.25	39.2	45	75	13,196	6,598	36.2	317.0	20.8	17.9	243.2	71.7	3.2	237.2	17.1
Abiqua Commons	45002532, -122.770982	10.25	39.2	61.5	65	13,196	6,598	47.8	554.8	37.1	31.9	432.7	127.6	5.7	422.0	30.5
Abiqua Commons	45.003259, -122.772475	10.25	39.2	40	65	13,196	6,598	41.9	449.1	28.6	24.6	333.7	98.4	4.4	325.4	23.5
Mark Twain School	45.013656, -122.778371	10.16	38.8	55	70	12,965	6,483	45.0	396.3	31.8	26.2	379.1	105.1	4.8	359.2	25.7
Mark Twain School	45.014518, -122.777340	10	38.2	40	70	12,560	6,280	52.2	660.4	42.4	36.9	496.7	146.2	6.6	480.6	34.5

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Mark Twain School	45.013824, -122.777584	9.75	37.2	50	65	11,941	5,970	26.0	158.5	12.6	10.4	149.9	41.6	1.9	142.0	10.2
Silverton Cemetery	45.004815, -122.794539	9.75	37.2	60	49	11,941	5,970	61.7	607.6	39.6	38.8	481.2	138.6	6.4	429.0	29.3
Mark Twain School	45.013553, -122.778145	9.5	36.3	30	70	11,337	5,668	48.7	422.7	32.9	27.2	392.8	108.9	5.0	372.1	26.7
Coolidge McClaine Park	45.001801, -122.783325	9.3	35.5	20	40	10,865	5,432	48.7	343.4	21.9	22.1	267.9	76.8	3.6	234.8	15.7
Abiqua Commons	45.001631, -122.771123	9.25	35.3	35	60	10,748	5,374	50.9	607.6	39.0	33.6	455.7	134.4	6.0	444.4	32.1
Abiqua Commons	45.003289, -122.772094	9.1	34.8	35	60	10,403	5,201	34.8	290.6	18.9	16.3	220.9	65.2	2.9	215.4	15.6
Abiqua Commons	45.003372, -122.772210	9.1	34.8	45	70	10,403	5,201	47.2	528.3	34.0	29.3	397.6	117.3	5.3	387.8	28.0
Abiqua Commons	45.003534, -122.772427	9	34.4	40	60	10,176	5,088	40.6	396.3	26.2	22.5	305.8	90.2	4.0	298.2	21.6
Shelokum Drive oak	45.001523, -122.771223	9	34.4	35	60	10,176	5,088	52.7	686.8	44.2	38.0	515.7	152.1	6.8	502.9	36.3
Immanuel Lutheran Church	45.010495, -122.777370	9	34.4	50	60	10,176	5,088	52.0	554.8	43.2	35.7	515.2	142.9	6.5	488.2	35.0
Mark Twain School	45.013421, -122.77860	9	34.4	30	70	10,176	5,088	46.1	422.7	33.3	27.6	398.2	110.4	5.0	377.2	27.0
Mark Twain School	45.013565, -122.778258	9	34.4	40	65	10,176	5,088	28.2	184.9	14.0	11.6	167.3	46.4	2.1	158.5	11.4
Mark Twain School	45.013495, -122.777791	9	34.4	30	70	10,176	5,088	46.1	422.7	33.3	27.6	398.2	110.4	5.0	377.2	27.0
Mark Twain School	45.014735, -122.778220	9	34.4	30	70	10,176	5,088	52.7	660.4	43.9	38.2	514.8	151.6	6.8	498.2	35.8
Silverton Arts Center	45.002145, -122.782683	9.0	34.4	50	70	10,176	5,088	46.7	554.8	35.5	31.9	420.9	123.2	5.6	397.7	28.1
Silverton Cemetery	45.005416, -122.794391	9	34.4	50	60	10,176	5,088	41.7	739.7	47.0	46.0	570.5	164.4	7.6	508.6	34.7
Silverton Cemetery	45.005202, -122.794553	8.9	34.0	40	62	9,951	4,976	28.2	264.2	16.4	16.0	198.8	57.3	2.7	177.2	12.1
Mark Twain School	45.013523, -122.777888	8.75	33.4	25	70	9,619	4,809	39.0	317.0	25.3	21.0	302.6	83.9	3.8	286.7	20.5
Abiqua Commons	45.001459, -122.771231	8.5	32.5	35	60	9,078	4,539	49.8	686.8	44.3	38.2	517.8	152.7	6.8	504.9	36.5
Hill Street oaks	45.010246, -122.778818	8.5	32.5	60	75	9,078	4,539	47.0	581.2	38.3	32.7	445.9	131.7	5.9	437.8	31.8
Mark Twain School	45.014539, -122.777453	8.5	32.5	45	70	9,078	4,539	44.1	528.3	34.6	30.1	405.9	119.5	5.4	392.8	28.2
Mark Twain School	45.014016, -122.779258	8.5	32.5	10	70	9,078	4,539	57.3	766.1	50.8	44.2	595.6	175.4	7.9	576.4	41.4
Mark Twain School	45.013421, -122.777942	8.33	31.8	40	70	8,718	4,359	32.2	237.8	18.3	15.2	218.8	60.7	2.8	207.4	14.9
Mark Twain School	45.014676, -122.777946	8.33	31.8	45	70	8,718	4,359	45.9	607.6	39.2	34.1	459.2	135.2	6.1	444.4	31.9
Davenport Lane oaks	45.000081, -122.793690	8.3	31.5	40	35	8,552	4,276	55.6	343.4	22.3	22.4	272.3	78.1	3.7	238.6	16.0
Abiqua Commons	45.003346, -122.772341	8	30.6	35	65	8,042	4,021	28.0	237.8	15.7	13.5	183.6	54.2	2.4	179.0	12.9
Ike Mooney oak	44.988925, -122.765935	8	30.6	60	65	8,042	4,021	54.0	634.0	42.4	30.4	463.1	141.2	6.1	521.4	40.4
Mark Twain School	45.013648, -122.778357	8	30.6	20	70	8,042	4,021	43.4	475.5	37.2	30.7	443.7	123.0	5.6	420.4	30.1
Mark Twain School	45.013354, -122.777837	7.9	30.2	25	70	7,843	3,921	30.2	237.8	18.0	14.8	214.4	59.5	2.7	203.1	14.6
Hill Street oaks	45.010202, -122.778684	7.85	30.0	50	75	7,744	3,872	46.1	634.0	42.2	36.0	491.6	145.3	6.5	482.6	35.0
Silverton Arts Center	45.001919, -122.782539	7.8	29.8	30	68	7,646	3,823	37.7	475.5	30.6	27.5	361.9	105.9	4.8	341.9	24.1
Silverton Cemetery	45.005375, -122.794544	7.8	29.8	25	60	7,646	3,823	40.3	607.6	38.4	37.6	466.7	134.4	6.3	416.0	28.4
Abiqua Commons	45.002620, -122.770834	7.75	29.6	39	65	7,548	3,774	48.1	686.8	45.2	38.9	527.4	155.6	7.0	514.3	37.2
Abiqua Commons	45.002987, -122.770657	7.5	28.6	30	55	7,069	3,535	46.5	686.8	44.6	38.4	520.3	153.5	6.9	507.4	36.7
Abiqua Commons	45.003107, -122.772266	7.5	28.6	40	65	7,069	3,535	33.7	369.8	24.8	21.4	290.0	85.5	3.8	282.8	20.4
Abiqua Commons	45.003001, -122.772035	7.5	28.6	35	70	7,069	3,535	41.4	554.8	37.1	31.9	433.3	127.8	5.7	422.5	30.5

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Abiqua Commons	45.003399, -122.771947	7.25	27.7	40	65	6,607	3,303	30.2	317.0	20.7	17.8	242.1	71.4	3.2	236.1	17.1
Abiqua Commons	45.003149, -122.772397	7	26.7	35	40	6,159	3,080	19.8	158.5	10.0	8.6	116.9	34.5	1.5	114.0	8.2
Abiqua Commons	45.003073, -122.772592	7	26.7	35	40	6,159	3,080	38.6	343.4	22.4	19.3	261.3	77.1	3.5	254.8	18.4
Davenport Lane oaks	45.000081, -122.793929	7.0	26.7	35	30	6,159	3,080	47.2	396.3	25.0	25.2	305.6	87.6	4.1	267.8	17.9
Mark Twain School	45.013603, -122.778040	7	26.7	25	70	6,159	3,080	30.6	290.6	22.3	18.5	266.8	74.0	3.4	252.8	18.1
Silverton Arts Center	45.002058, -122.782722	7.0	26.7	30	62	6,159	3,080	31.5	369.8	24.6	22.1	290.9	85.1	3.9	274.8	19.4
Abiqua Commons	45.003323, -122.771794	6.5	24.8	25	65	5,312	2,656	31.5	396.3	25.3	21.8	295.5	87.2	3.9	288.2	20.8
Coolidge McClaine Park	45.001759, -122.783397	6.5	24.8	8	40	5,280	2,640	40.6	449.1	28.1	28.3	343.9	98.6	4.6	301.3	20.2
Mark Twain School	45.013489, -122.777888	6.33	24.2	25	70	5,039	2,519	36.8	449.1	34.7	28.7	414.4	114.9	5.2	392.6	28.1
Coolidge McClaine Park	45.001680, -122.783480	6.3	23.9	25	50	4,912	2,456	19.8	211.3	13.1	13.2	160.5	46.0	2.2	140.6	9.4
Mark Twain School	45.013688, -122.777901	6.08	23.2	15	70	4,649	2,325	35.3	422.7	33.1	27.3	394.7	109.5	5.0	374.0	26.8
Abiqua Commons	45.003293, -122.771585	6	22.9	42	80	4,528	2,264	27.1	290.6	19.9	17.1	231.9	68.4	3.1	226.1	16.3
Abiqua Commons	45.003391, -122.771555	6	22.9	22	70	4,528	2,264	29.1	343.4	23.1	19.9	269.6	79.5	3.6	262.9	19.0
Mark Twain School	45.013959, -122.778174	6	22.9	25	50	4,528	2,264	29.1	290.6	22.7	18.7	270.7	75.1	3.4	256.5	18.4
Mark Twain School	45.013970, -122.779167	6	22.9	25	70	4,528	2,264	35.1	528.3	34.0	29.6	398.5	117.3	5.3	385.6	27.7
Abiqua Commons	45.003090, -122.772352	5.9	22.5	35	60	4,379	2,189	32.6	449.1	29.4	25.3	343.2	101.2	4.5	334.7	24.2
Abiqua Commons	45.002974, -122.770737	5.75	22.0	31.5	60	4,159	2,080	35.7	528.3	33.9	29.2	396.3	116.9	5.2	386.4	27.9
Mark Twain School	45.013521, -122.778041	5.75	22.0	30	65	4,159	2,080	24.0	211.3	16.4	13.5	195.4	54.2	2.5	185.2	13.3
Silverton Arts Center	45.002000, -122.782645	5.8	22.0	25	65	4,159	2,080	18.3	158.5	10.9	9.8	129.0	37.7	1.7	121.8	8.6
Mark Twain School	45.013758, -122.778319	5.67	21.7	15	70	4,045	2,022	18.3	132.1	10.3	8.5	123.4	34.2	1.6	117.0	8.4
Mark Twain School	45.013705, -122.778346	5.33	20.4	20	70	3,575	1,788	28.9	317.0	24.6	20.3	293.4	81.4	3.7	278.0	19.9
Abiqua Commons	45.003427, -122.771590	5.25	20.1	27	70	3,469	1,734	23.6	264.2	17.5	15.0	203.8	60.1	2.7	198.7	14.4
Abiqua Commons	45.003213, -122.772424	5.25	20.1	25	65	3,469	1,734	28.9	396.3	25.3	21.8	295.1	87.0	3.9	287.8	20.8
Mark Twain School	45.013703, -122.778279	5.16	19.7	20	70	3,351	1,676	21.8	184.9	15.2	12.5	180.9	50.2	2.3	171.4	12.3
Mark Twain School	45.013426, -122.777891	5	19.1	30	65	3,147	1,574	20.7	184.9	14.3	11.8	170.4	47.3	2.1	161.5	11.6
Abiqua Commons	45.003141, -122.770893	4.75	18.1	36	60	2,841	1,421	16.5	158.5	9.6	8.3	112.5	33.2	1.5	109.7	7.9
Abiqua Commons	45.003420, -122.771526	4.75	18.1	42	70	2,841	1,421	21.4	237.8	16.0	13.8	186.6	55.0	2.5	181.9	13.1
Silverton Arts Center	45.001957, -122.782587	4.5	17.2	25	50	2,551	1,276	18.7	184.9	12.8	11.5	151.7	44.4	2.0	143.3	10.1
Mark Twain School	45.013915, -122.778217	4.16	15.9	15	30	2,182	1,091	21.8	158.5	12.8	10.6	153.0	42.4	1.9	145.0	10.4
5th Street	45.007136, -122.777663	3.1	12.0	25	30	1,247	623	21.2	237.8	14.3	14.2	174.6	50.2	2.3	154.7	10.5