

Storm Report Summary - Thru Week 8 (12/21/23)

From Winter Storm Reports, 2023-2024

General Notes: 1) Costs shown in table are estimated and do not include the Administrative Costs; 2) Material Costs includes Brine, Salt, Sand, and other Deicing and Anti-icing Agents; 3) Equipment Costs are based on an estimated \$90 per hour per unit; 4) Labor Costs are based on each County's average labor rate; 5) Total Salt Available = salt in sheds plus "early fill" plus "seasonal fill" plus "vendor reserve" available. 6) Some Material Costs are estimated. 7) Severity Indices in this table are not the official MDSS severity index used by WisDOT in other reports. 8) This report is sorted by TOTAL Cost per Lane Mile.

Region NC County	Lane Miles	Severity Index	Snow Amount (inches)	Events this Season			Freez. Rain Events	Total Salt Avail. (tons)	Total Salt Used (tons)	Total Salt Remain. (tons)	Salt Used per LM (tons)	Total Thaw-Rox (tons)	Total Clear-Lane (tons)	Total Sand Used (CY)	Total Reg. Hours	Total OT Hours	Estimated Cost Per Lane Mile				Estimated Total Cost to Date	Salt per LM per Severity Index
				Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
IRON	240.51	18.91	21.0	0	7	2	2	6,813	590	6,223	2.5	0	0	2	200.0	153.0	\$269	\$161	\$83	\$514	\$123,539	0.13
VILAS	307.73	36.52	16.7	1	14	6	5	8,775	592	8,183	1.9	0	0	55	626.0	0.0	\$216	\$178	\$85	\$479	\$147,431	0.05
MENOMINEE	90.66	10.23	8.0	0	4	3	1	2,365	200	2,165	2.2	0	0	0	49.0	26.0	\$215	\$74	\$38	\$327	\$29,668	0.22
ONEIDA	395.39	27.65	15.2	2	8	7	5	10,347	389	9,958	1.0	0	0	14	483.0	200.0	\$100	\$121	\$91	\$313	\$123,667	0.04
LINCOLN	399.39	13.90	7.8	7	6	2	2	6,729	364	6,365	0.9	0	0	53	266.0	132.0	\$130	\$77	\$53	\$259	\$103,476	0.07
PRICE	319.53	13.49	5.2	2	6	2	2	5,925	322	5,603	1.0	0	0	0	197.0	111.0	\$115	\$87	\$49	\$250	\$79,960	0.07
MARATHON	905.42	9.32	6.1	4	5	1	0	14,350	924	13,426	1.0	0	0	0	297.0	551.0	\$115	\$79	\$51	\$245	\$222,132	0.11
PORTAGE	531.62	13.23	9.0	5	7	0	0	9,000	372	8,628	0.7	0	0	0	251.0	340.0	\$74	\$100	\$65	\$240	\$127,367	0.05
FOREST	314.49	23.68	18.5	1	10	0	2	7,614	499	7,115	1.6	0	0	0	97.0	54.0	\$158	\$49	\$24	\$231	\$72,686	0.07
FLORENCE	137.43	11.61	8.1	0	6	2	0	3,735	202	3,533	1.5	0	0	2	58.0	25.0	\$147	\$50	\$28	\$225	\$30,937	0.13
MARQUETTE	246.61	15.19	7.0	2	7	0	1	4,857	182	4,675	0.7	0	0	0	96.0	136.0	\$89	\$77	\$58	\$224	\$55,154	0.05
SHAWANO	530.27	12.82	10.0	2	5	2	0	9,381	541	8,840	1.0	0	0	0	146.0	280.0	\$93	\$67	\$48	\$208	\$110,170	0.08
ADAMS	202.74	12.26	8.2	2	6	0	0	4,280	179	4,101	0.9	0	0	0	139.0	0.0	\$115	\$54	\$31	\$200	\$40,458	0.07
LANGLADE	300.29	14.94	11.0	3	7	2	0	5,257	200	5,057	0.7	0	0	0	117.0	119.0	\$76	\$67	\$43	\$186	\$55,942	0.04
WOOD	443.36	8.66	5.5	11	4	1	0	7,100	300	6,800	0.7	0	0	0	165.0	171.0	\$74	\$61	\$42	\$176	\$78,235	0.08
WAUPACA	556.87	12.51	9.0	2	4	4	0	11,200	552	10,648	1.0	0	0	0	92.0	215.0	\$86	\$47	\$34	\$168	\$93,367	0.08
WAUSHARA	343.69	6.97	7.5	0	3	0	0	4,086	173	3,913	0.5	0	0	0	18.0	107.0	\$53	\$33	\$23	\$109	\$37,561	0.07
GREEN LAKE	154.11	5.58	5.0	0	2	1	0	1,830	77	1,753	0.5	0	0	0	8.0	38.0	\$52	\$25	\$19	\$95	\$14,704	0.09
Region Total	--	--	--	--	--	--	--	123,644	6,658	116,986	--	0	0	126	--	--	--	--	--	--	\$1,546,453	
Region Average	14.86	9.9		2.4	6.2	1.9	1.1	6,869	370	6,499	1.1	0	0	7	183.6	147.7	\$121	\$78	\$48	\$247	\$85,914	0.08

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Region NE County	Lane Miles	Severity Index	Snow Amount (inches)	Events this Season			Freez. Rain Events	Total Salt Avail. (tons)	Total Salt Used (tons)	Total Salt Remain. (tons)	Salt Used per LM (tons)	Total Thaw-Rox (tons)	Total Clear-Lane (tons)	Total Sand Used (CY)	Total Reg. Hours	Total OT Hours	Estimated Cost Per Lane Mile				Estimated Total Cost to Date	Salt per LM per Severity Index
				Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
DOOR	267.29	16.47	7.1	2	6	5	0	4,988	470	4,518	1.8	0	0	0	52.0	246.0	\$167	\$100	\$83	\$350	\$93,663	0.11
BROWN	860.16	11.38	9.1	17	5	1	0	20,338	1,029	19,309	1.2	0	0	0	154.0	768.0	\$105	\$96	\$71	\$273	\$234,257	0.11
MANITOWOC	419.96	6.00	5.0	13	3	0	0	8,700	379	8,321	0.9	0	0	0	346.0	52.0	\$112	\$85	\$42	\$239	\$100,433	0.15
SHEBOYGAN	543.53	13.48	10.1	9	5	5	1	10,434	345	10,089	0.6	0	0	0	169.0	301.0	\$95	\$75	\$61	\$231	\$125,491	0.05
CALUMET	219.46	11.21	6.5	4	3	4	0	2,625	175	2,450	0.8	0	0	0	117.0	102.0	\$89	\$77	\$60	\$225	\$49,488	0.07
MARINETTE	414.39	14.04	7.1	10	5	3	1	9,050	457	8,593	1.1	0	0	0	120.0	153.0	\$113	\$59	\$43	\$215	\$89,190	0.08
WINNEBAGO	688.27	8.38	7.0	6	3	2	0	11,886	542	11,344	0.8	0	0	0	161.0	377.0	\$90	\$57	\$53	\$200	\$137,809	0.09
FOND DU LAC	611.86	7.01	8.0	0	3	0	0	11,240	551	10,689	0.9	0	0	0	42.0	251.0	\$84	\$40	\$36	\$160	\$98,147	0.13
OUTAGAMIE	567.52	6.70	5.0	0	2	1	0	11,682	425	11,257	0.7	0	0	0	125.0	222.0	\$81	\$33	\$42	\$156	\$88,558	0.11
OCONTO	481.73	7.96	5.0	3	3	4	0	7,241	243	6,998	0.5	0	0	0	57.0	201.0	\$49	\$45	\$36	\$130	\$62,712	0.06
KEWAUNEE	126.39	14.57	8.1	0	4	3	2	1,770	65	1,705	0.5	0	0	0	20.0	39.0	\$51	\$42	\$31	\$124	\$15,649	0.04
Region Total	--	--	--	--	--	--	--	99,954	4,681	95,273	--	0	0	0	--	--	--	--	--	--	\$1,095,398	
Region Average	10.65	7.1	7.1	5.8	3.8	2.5	0.4	9,087	426	8,661	0.9	0	0	0	123.9	246.5	\$94	\$65	\$51	\$210	\$99,582	0.09

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Region NW County	Lane Miles	Severity Index	Snow Amount (inches)	Events this Season			Freez. Rain Events	Total Salt Avail. (tons)	Total Salt Used (tons)	Total Salt Remain. (tons)	Salt Used per LM (tons)	Total Thaw-Rox (tons)	Total Clear-Lane (tons)	Total Sand Used (CY)	Total Reg. Hours	Total OT Hours	Estimated Cost Per Lane Mile				Estimated Total Cost to Date	Salt per LM per Severity Index
				Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
TREMPEALEAU	420.25	13.14	5.0	0	3	7	0	9,261	828	8,433	2.0	0	0	0	173.0	237.0	\$195	\$78	\$64	\$336	\$141,340	0.15
DUNN	521.2	21.10	9.2	1	9	2	0	13,635	881	12,754	1.7	0	0	0	243.0	216.0	\$167	\$77	\$56	\$300	\$156,355	0.08
ASHLAND	255.69	21.55	14.3	5	8	2	3	4,475	315	4,160	1.2	0	0	0	179.0	86.0	\$141	\$91	\$57	\$288	\$73,655	0.06
DOUGLAS	465.66	18.37	8.3	18	7	3	3	10,432	778	9,654	1.7	0	0	0	439.0	112.0	\$139	\$94	\$52	\$285	\$132,654	0.09
JACKSON	520.32	11.14	6.5	5	4	5	3	11,703	787	10,916	1.5	0	0	0	202.0	240.0	\$162	\$75	\$45	\$283	\$147,126	0.14
CLARK	401.81	12.04	10.0	3	5	0	1	7,260	644	6,616	1.6	0	0	0	81.0	147.0	\$184	\$52	\$32	\$268	\$107,557	0.13
EAU CLAIRE	531.32	11.89	5.4	1	6	1	0	11,842	644	11,198	1.2	0	0	0	454.0	44.0	\$131	\$76	\$48	\$254	\$135,005	0.10
BAYFIELD	345.31	14.36	8.8	3	6	5	0	7,541	376	7,165	1.1	0	0	0	303.0	48.0	\$105	\$95	\$50	\$250	\$86,263	0.08
BARRON	428.61	17.47	5.7	3	6	4	2	7,000	477	6,523	1.1	0	0	0	238.0	155.0	\$101	\$77	\$56	\$234	\$100,272	0.06
TAYLOR	232.44	13.34	9.1	2	7	0	1	4,338	216	4,122	0.9	0	0	0	83.0	88.0	\$123	\$60	\$40	\$223	\$51,866	0.07
PEPIN	109.41	10.86	5.8	2	5	1	1	1,202	64	1,138	0.6	0	0	0	86.0	48.0	\$61	\$95	\$63	\$220	\$24,088	0.05
WASHBURN	385.68	9.13	4.5	12	5	0	0	7,845	384	7,461	1.0	0	0	0	221.0	106.0	\$94	\$76	\$49	\$219	\$84,463	0.11
RUSK	213.1	14.33	8.0	1	6	3	0	3,249	178	3,071	0.8	0	0	0	121.0	51.0	\$85	\$58	\$44	\$187	\$39,891	0.06
CHIPPEWA	653.17	12.66	6.5	2	5	1	1	13,874	538	13,336	0.8	0	0	0	143.0	261.0	\$85	\$54	\$38	\$177	\$115,335	0.07
PIERCE	368.08	10.06	6.5	0	5	0	0	6,425	389	6,036	1.1	0	0	0	78.0	124.0	\$100	\$41	\$34	\$176	\$64,707	0.11
SAWYER	357.2	14.84	5.5	0	5	5	0	5,750	312	5,438	0.9	0	0	0	148.0	102.0	\$82	\$53	\$36	\$172	\$61,348	0.06
BURNETT	235.35	12.73	3.9	4	4	2	3	3,715	189	3,526	0.8	0	0	0	54.0	67.0	\$80	\$48	\$28	\$156	\$36,777	0.06
BUFFALO	311.87	17.81	5.4	3	8	1	2	3,478	237	3,241	0.8	0	0	0	135.0	59.0	\$77	\$48	\$29	\$154	\$48,143	0.04
SAINT CROIX	653.47	9.19	4.0	0	3	1	1	16,486	467	16,019	0.7	0	0	0	88.0	174.0	\$67	\$36	\$30	\$133	\$86,794	0.08
POLK	374.54	11.24	7.0	3	4	3	0	9,074	247	8,827	0.7	0	0	0	141.0	55.0	\$61	\$43	\$27	\$131	\$49,140	0.06
Region Total	--	--	--	--	--	--	--	158,585	8,951	149,634	--	0	0	0	--	--	--	--	--	--	\$1,742,782	
Region Average	13.86	7.0	7.0	3.4	5.6	2.3	1.1	7,929	448	7,482	1.1	0	0	0	180.5	121.0	\$112	\$66	\$44	\$222	\$87,139	0.08

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Region SE County	Lane Miles	Severity Index	Snow Amount (inches)	Events this Season			Freez. Rain Events	Total Salt Avail. (tons)	Total Salt Used (tons)	Total Salt Remain. (tons)	Salt Used per LM (tons)	Total Thaw- Rox (tons)	Total Clear- Lane (tons)	Total Sand Used (CY)	Total Reg. Hours	Total OT Hours	Estimated Cost Per Lane Mile				Estimated Total Cost to Date	Salt per LM per Severity Index
				Anti- Icing	Storms	Inci- dent											Mat'l	Equip	Labor	Total		
WASHINGTON	591.04	15.35	7.8	6	5	5	0	16,230	741	15,489	1.3	0	0	0	175.0	331.0	\$115	\$73	\$56	\$244	\$144,057	0.08
MILWAUKEE	1574.67	5.80	4.4	0	2	0	0	55,265	1,562	53,703	1.0	0	0	0	288.0	948.0	\$79	\$60	\$78	\$217	\$342,100	0.17
WALWORTH	697.33	12.00	7.0	6	4	4	0	19,050	513	18,537	0.7	0	0	0	195.0	352.0	\$86	\$61	\$56	\$202	\$140,695	0.06
OZAUKEE	321.1	8.02	7.0	5	3	1	0	9,951	317	9,634	1.0	0	0	0	89.0	88.0	\$82	\$48	\$37	\$167	\$53,741	0.12
WAUKESHA	1059.84	6.53	6.0	1	3	0	0	41,600	981	40,619	0.9	0	0	0	302.0	280.0	\$73	\$43	\$37	\$153	\$162,288	0.14
KENOSHA	674.4	8.99	1.0	0	4	0	1	13,300	423	12,877	0.6	0	0	0	356.0	0.0	\$50	\$72	\$30	\$152	\$102,711	0.07
RACINE	774.85	8.39	6.6	3	4	0	1	18,000	510	17,490	0.7	0	0	0	126.0	238.0	\$57	\$39	\$36	\$132	\$102,431	0.08
Region Total	--	--	--	--	--	--	--	173,396	5,047	168,349	--	0	0	0	--	--	--	--	--	--	\$1,048,023	
Region Average	9.30	5.7		3.0	3.6	1.4	0.3	24,771	721	24,050	0.9	0	0	0	218.7	319.6	\$77	\$57	\$47	\$181	\$149,718	0.10

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Region SW County	Lane Miles	Severity Index	Snow Amount (inches)	Events this Season			Freez. Rain Events	Total Salt Avail. (tons)	Total Salt Used (tons)	Total Salt Remain. (tons)	Salt Used per LM (tons)	Total Thaw-Rox (tons)	Total Clear-Lane (tons)	Total Sand Used (CY)	Total Reg. Hours	Total OT Hours	Estimated Cost Per Lane Mile				Estimated Total Cost to Date	Salt per LM per Severity Index
				Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
MONROE	679.49	11.72	6.2	1	5	0	2	13,755	1,103	12,652	1.6	0	0	0	99.0	405.0	\$162	\$63	\$45	\$270	\$183,621	0.14
DANE	1665.78	12.05	4.8	5	5	0	1	53,583	1,593	51,990	1.0	0	0	0	261.0	1246.0	\$91	\$72	\$96	\$259	\$430,914	0.08
DODGE	667.73	10.50	10.0	9	4	2	0	19,970	841	19,129	1.3	0	0	0	204.0	375.0	\$116	\$78	\$57	\$251	\$167,347	0.12
JUNEAU	500.96	9.69	5.2	2	5	0	0	10,569	649	9,920	1.3	0	0	0	119.0	248.0	\$143	\$59	\$47	\$248	\$124,454	0.13
VERNON	469.79	17.96	5.0	6	9	2	0	6,988	451	6,537	1.0	0	0	0	127.0	281.0	\$99	\$72	\$48	\$219	\$102,849	0.05
COLUMBIA	801.13	10.98	2.7	7	3	5	1	24,992	828	24,164	1.0	0	0	0	180.0	321.0	\$115	\$56	\$40	\$212	\$169,468	0.09
IOWA	457.1	10.71	4.6	5	6	0	0	8,478	313	8,165	0.7	0	0	0	227.0	224.0	\$75	\$71	\$63	\$210	\$96,037	0.06
SAUK	594.09	6.12	5.0	0	3	1	0	16,268	581	15,687	1.0	0	0	0	37.0	398.0	\$105	\$50	\$49	\$204	\$121,004	0.16
ROCK	791.89	9.06	6.0	2	5	0	0	15,286	440	14,846	0.6	0	0	0	179.0	502.0	\$51	\$52	\$75	\$179	\$141,464	0.06
LAFAYETTE	294.51	13.30	6.1	1	6	2	0	3,507	193	3,314	0.7	0	0	135	91.0	100.0	\$67	\$53	\$35	\$155	\$45,582	0.05
GREEN	311.98	12.62	7.1	2	6	1	0	3,846	145	3,701	0.5	0	0	0	43.0	123.0	\$55	\$46	\$32	\$134	\$41,701	0.04
CRAWFORD	398.22	21.53	5.1	4	5	4	4	5,072	201	4,871	0.5	0	0	0	125.0	87.0	\$53	\$47	\$30	\$130	\$51,715	0.02
GRANT	646.92	10.60	6.5	0	4	2	0	10,132	393	9,739	0.6	0	0	172	56.0	202.0	\$63	\$34	\$25	\$121	\$78,531	0.06
RICHLAND	321.78	3.88	4.0	3	2	3	0	3,652	132	3,520	0.4	0	0	0	98.0	60.0	\$52	\$40	\$23	\$115	\$36,951	0.11
JEFFERSON	552.87	10.21	6.5	6	5	1	0	16,157	105	16,052	0.2	0	0	0	116.0	192.0	\$24	\$50	\$37	\$110	\$61,031	0.02
Region Total	--	--	--	--	--	--	--	212,255	7,968	204,287	--	0	0	307	--	--	--	--	--	--	\$1,852,668	
Region Average	11.40	5.7		3.5	4.9	1.5	0.5	14,150	531	13,619	0.8	0	0	20	130.8	317.6	\$85	\$56	\$47	\$188	\$123,511	0.08

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	767,834	33,305	734,529	--	0	0	433.0	--	--	--	--	--	--	\$7,285,324	--
Statewide Average	12.65	7.3	3.5	5.1	2.0	0.8	10,815	469	10,345	1.0	0.0	0.0	6.1	165.8	208.3	\$102	\$66	\$47	\$215	\$102,610	0.09