

Storm Report Summary - Thru Week 7 (12/14/23)

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	14.32	16.0	0	6	1	1	6,813	421	6,392	1.8	0	0	1	141.0	129.0	\$192	\$132	\$65	\$389	\$93,540	0.12
MENOMINEE	90.66	9.03	8.0	0	4	2	1	2,365	191	2,174	2.1	0	0	0	48.0	26.0	\$205	\$73	\$37	\$316	\$28,666	0.23
ONEIDA	395.39	23.93	12.2	2	7	6	5	10,347	315	10,032	0.8	0	0	8	371.0	200.0	\$81	\$100	\$78	\$260	\$102,678	0.03
LINCOLN	399.39	9.85	7.3	6	5	2	1	6,729	335	6,394	0.8	0	0	45	222.0	132.0	\$112	\$68	\$48	\$227	\$90,768	0.09
PORTAGE	531.62	11.50	8.5	5	6	0	0	9,000	366	8,634	0.7	0	0	0	231.0	312.0	\$73	\$92	\$60	\$225	\$119,645	0.06
MARATHON	905.42	8.03	6.0	4	4	1	0	14,350	863	13,487	1.0	0	0	0	245.0	485.0	\$107	\$69	\$44	\$220	\$199,415	0.12
VILAS	307.73	20.09	7.2	0	7	3	5	8,775	255	8,520	0.8	0	0	30	307.0	0.0	\$91	\$87	\$42	\$220	\$67,656	0.04
MARQUETTE	246.61	11.59	6.5	1	6	0	0	4,857	173	4,684	0.7	0	0	0	81.0	123.0	\$78	\$68	\$51	\$197	\$48,512	0.06
SHAWANO	530.27	11.18	9.0	1	4	2	0	9,381	536	8,845	1.0	0	0	0	99.0	280.0	\$89	\$62	\$44	\$194	\$102,940	0.09
FLORENCE	137.43	9.66	7.1	0	5	2	0	3,735	171	3,564	1.2	0	0	2	44.0	25.0	\$125	\$41	\$24	\$189	\$26,009	0.13
PRICE	319.53	7.13	4.6	2	4	1	1	5,925	249	5,676	0.8	0	0	0	120.0	96.0	\$90	\$61	\$35	\$186	\$59,437	0.11
FOREST	314.49	21.30	16.5	1	9	0	2	7,614	396	7,218	1.3	0	0	0	64.0	45.0	\$126	\$35	\$18	\$179	\$56,353	0.06
ADAMS	202.74	10.13	8.1	2	5	0	0	4,280	161	4,119	0.8	0	0	0	121.0	0.0	\$104	\$47	\$27	\$177	\$35,931	0.08
LANGLADE	300.29	13.06	10.0	3	6	2	0	5,257	190	5,067	0.6	0	0	0	103.0	119.0	\$73	\$63	\$41	\$177	\$53,032	0.05
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	5,724	117,920	--	0	0	86	--	--	--	--	--	--	\$1,308,446	
Region Average	11.92	8.6		2.2	5.1	1.6	0.9	6,869	318	6,551	0.9	0	0	5	137.8	139.1	\$101	\$65	\$41	\$206	\$72,691	0.09

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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	15.13	7.0	2	5	5	0	4,988	463	4,525	1.7	0	0	0	46.0	246.0	\$165	\$98	\$82	\$345	\$92,159	0.11
BROWN	860.16	9.98	9.0	15	4	1	0	20,338	1,014	19,324	1.2	0	0	0	107.0	733.0	\$102	\$88	\$66	\$256	\$219,160	0.12
MANITOWOC	419.96	6.00	5.0	11	3	0	0	8,700	379	8,321	0.9	0	0	0	315.0	52.0	\$108	\$79	\$39	\$226	\$94,860	0.15
CALUMET	219.46	10.00	6.5	3	3	3	0	2,625	175	2,450	0.8	0	0	0	103.0	102.0	\$82	\$72	\$57	\$211	\$46,221	0.08
MARINETTE	414.39	11.96	5.1	7	4	3	1	9,050	446	8,604	1.1	0	0	0	85.0	153.0	\$105	\$51	\$39	\$195	\$80,844	0.09
SHEBOYGAN	543.53	11.24	7.1	4	4	5	1	10,434	255	10,179	0.5	0	0	0	118.0	219.0	\$68	\$53	\$44	\$165	\$89,888	0.04
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
WINNEBAGO	688.27	2.20	2.5	1	1	0	0	11,886	66	11,820	0.1	0	0	0	69.0	4.0	\$10	\$8	\$5	\$24	\$16,364	0.04
Region Total	--	--	--	--	--	--	--	99,954	4,082	95,872	--	0	0	0	--	--	--	--	--	--	\$904,562	
Region Average	9.34	6.2	6.2	4.2	3.3	2.3	0.4	9,087	371	8,716	0.8	0	0	0	98.8	202.0	\$82	\$55	\$43	\$181	\$82,233	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		
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
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
DOUGLAS	465.66	13.30	8.1	16	5	3	2	10,432	751	9,681	1.6	0	0	0	365.0	112.0	\$134	\$82	\$46	\$262	\$121,988	0.12
JACKSON	520.32	9.94	6.5	3	4	4	3	11,703	728	10,975	1.4	0	0	0	158.0	226.0	\$146	\$65	\$40	\$252	\$130,901	0.14
EAU CLAIRE	531.32	10.24	5.1	1	5	1	0	11,842	570	11,272	1.1	0	0	0	404.0	44.0	\$116	\$68	\$43	\$227	\$120,521	0.10
PEPIN	109.41	9.65	5.8	2	5	0	1	1,202	62	1,140	0.6	0	0	0	80.0	46.0	\$60	\$90	\$60	\$210	\$22,950	0.06
ASHLAND	255.69	13.94	10.5	5	6	2	2	4,475	207	4,268	0.8	0	0	0	133.0	72.0	\$95	\$70	\$44	\$209	\$53,552	0.06
BAYFIELD	345.31	11.40	7.8	3	5	4	0	7,541	293	7,248	0.8	0	0	0	248.0	34.0	\$82	\$77	\$40	\$199	\$68,599	0.07
TREMPEALEAU	420.25	7.12	5.0	0	3	1	0	9,261	463	8,798	1.1	0	0	0	110.0	141.0	\$109	\$48	\$39	\$195	\$82,072	0.15
TAYLOR	232.44	11.70	8.1	2	6	0	1	4,338	191	4,147	0.8	0	0	0	55.0	88.0	\$110	\$50	\$35	\$194	\$45,092	0.07
WASHBURN	385.68	7.70	4.0	8	4	0	0	7,845	344	7,501	0.9	0	0	0	168.0	96.0	\$84	\$61	\$41	\$185	\$71,377	0.12
BARRON	428.61	11.31	5.5	2	4	2	1	7,000	378	6,622	0.9	0	0	0	218.0	88.0	\$80	\$60	\$41	\$182	\$77,967	0.08
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
CHIPPEWA	653.17	12.66	6.5	1	5	1	1	13,874	538	13,336	0.8	0	0	0	127.0	261.0	\$85	\$52	\$37	\$173	\$113,263	0.07
SAWYER	357.2	12.05	4.5	0	4	4	0	5,750	260	5,490	0.7	0	0	0	127.0	96.0	\$68	\$47	\$33	\$149	\$53,091	0.06
BUFFALO	311.87	16.34	5.3	3	7	1	2	3,478	229	3,249	0.7	0	0	0	123.0	59.0	\$74	\$46	\$28	\$148	\$46,059	0.04
BURNETT	235.35	11.52	3.9	4	4	1	3	3,715	163	3,552	0.7	0	0	0	54.0	54.0	\$69	\$43	\$24	\$137	\$32,251	0.06
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
RUSK	213.1	4.86	2.4	0	2	1	0	3,249	86	3,163	0.4	0	0	0	62.0	22.0	\$41	\$24	\$21	\$86	\$18,429	0.08
Region Total	--	--	--	--	--	--	--	158,585	7,891	150,694	--	0	0	0	--	--	--	--	--	--	\$1,522,668	
Region Average	11.37	6.3	6.3	2.9	4.8	1.6	0.9	7,929	395	7,535	1.0	0	0	0	153.2	107.8	\$97	\$57	\$38	\$191	\$76,133	0.09

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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	Incident											Mat'l	Equip	Labor	Total		
WASHINGTON	591.04	15.35	7.8	5	5	5	0	16,230	741	15,489	1.3	0	0	0	165.0	331.0	\$114	\$71	\$56	\$240	\$142,093	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	4	3	1	0	9,951	317	9,634	1.0	0	0	0	77.0	88.0	\$80	\$45	\$35	\$161	\$51,608	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	--	--	--	--	--	--	\$1,043,927	
Region Average	9.30	5.7		2.7	3.6	1.4	0.3	24,771	721	24,050	0.9	0	0	0	215.6	319.6	\$77	\$56	\$47	\$180	\$149,132	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		
DODGE	667.73	10.50	10.0	8	4	2	0	19,970	841	19,129	1.3	0	0	0	195.0	375.0	\$115	\$77	\$56	\$248	\$165,921	0.12
JUNEAU	500.96	8.20	4.7	2	4	0	0	10,569	630	9,939	1.3	0	0	0	93.0	248.0	\$139	\$55	\$44	\$237	\$118,934	0.15
MONROE	679.49	8.13	6.0	1	4	0	1	13,755	973	12,782	1.4	0	0	0	80.0	348.0	\$144	\$54	\$38	\$236	\$160,343	0.18
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
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
VERNON	469.79	15.12	4.8	5	7	2	0	6,988	408	6,580	0.9	0	0	0	85.0	251.0	\$89	\$61	\$40	\$191	\$89,610	0.06
IOWA	457.1	9.16	4.5	3	5	0	0	8,478	294	8,184	0.6	0	0	0	183.0	220.0	\$69	\$63	\$58	\$190	\$86,901	0.07
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	12.01	6.0	1	5	2	0	3,507	190	3,317	0.6	0	0	133	85.0	99.0	\$66	\$51	\$34	\$151	\$44,424	0.05
DANE	1665.78	8.41	3.1	3	3	0	1	53,583	854	52,729	0.5	0	0	0	125.0	719.0	\$50	\$37	\$54	\$141	\$235,049	0.06
CRAWFORD	398.22	18.25	5.0	3	4	4	3	5,072	200	4,872	0.5	0	0	0	115.0	87.0	\$52	\$45	\$29	\$125	\$49,717	0.03
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
GREEN	311.98	11.27	7.0	1	5	1	0	3,846	132	3,714	0.4	0	0	0	34.0	112.0	\$50	\$41	\$28	\$119	\$37,276	0.04
JEFFERSON	552.87	10.21	6.5	5	5	1	0	16,157	105	16,052	0.2	0	0	0	103.0	192.0	\$22	\$48	\$35	\$106	\$58,558	0.02
RICHLAND	321.78	3.88	4.0	1	2	2	0	3,652	123	3,529	0.4	0	0	0	51.0	59.0	\$42	\$28	\$17	\$87	\$28,007	0.10
Region Total	--	--	--	--	--	--	--	212,255	6,992	205,263	--	0	0	305	--	--	--	--	--	--	\$1,585,206	
Region Average	10.13	5.5		2.8	4.2	1.5	0.4	14,150	466	13,684	0.8	0	0	20	106.7	275.5	\$78	\$50	\$42	\$170	\$105,680	0.08

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	767,834	29,736	738,098	--	0	0	391.0	--	--	--	--	--	--	\$6,364,808	--
Statewide Average	10.73	6.6	2.9	4.4	1.6	0.6	10,815	419	10,396	0.9	0.0	0.0	5.5	137.2	186.6	\$90	\$57	\$41	\$188	\$89,645	0.09