

Storm Report Summary - Thru Week 6 (12/7/23)

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	11.49	14.0	0	5	0	0	6,813	280	6,533	1.2	0	0	0	120.0	96.0	\$128	\$113	\$51	\$292	\$70,291	0.10
MENOMINEE	90.66	7.48	7.0	0	3	2	0	2,365	166	2,199	1.8	0	0	0	38.0	26.0	\$178	\$64	\$33	\$275	\$24,941	0.24
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
ONEIDA	395.39	20.59	10.2	2	6	5	4	10,347	235	10,112	0.6	0	0	4	349.0	133.0	\$61	\$84	\$64	\$209	\$82,484	0.03
MARQUETTE	246.61	10.11	6.0	1	5	0	0	4,857	172	4,685	0.7	0	0	0	81.0	112.0	\$78	\$64	\$48	\$189	\$46,620	0.07
PORTAGE	531.62	7.98	6.5	5	4	0	0	9,000	276	8,724	0.5	0	0	0	225.0	239.0	\$56	\$79	\$50	\$185	\$98,363	0.07
LINCOLN	399.39	8.15	6.3	4	4	2	0	6,729	262	6,467	0.7	0	0	29	184.0	101.0	\$82	\$55	\$38	\$175	\$69,992	0.08
MARATHON	905.42	6.37	5.5	4	3	0	0	14,350	637	13,713	0.7	0	0	0	232.0	361.0	\$81	\$56	\$35	\$173	\$156,288	0.11
SHAWANO	530.27	7.84	7.0	1	3	1	0	9,381	447	8,934	0.8	0	0	0	94.0	221.0	\$74	\$51	\$36	\$161	\$85,354	0.11
WAUPACA	556.87	10.84	8.0	2	3	4	0	11,200	481	10,719	0.9	0	0	0	92.0	179.0	\$75	\$42	\$30	\$147	\$81,669	0.08
PRICE	319.53	5.18	3.1	2	3	1	0	5,925	175	5,750	0.5	0	0	0	120.0	50.0	\$64	\$48	\$26	\$138	\$44,146	0.11
ADAMS	202.74	7.06	7.0	1	3	0	0	4,280	128	4,152	0.6	0	0	0	86.0	0.0	\$75	\$32	\$19	\$127	\$25,738	0.09
FLORENCE	137.43	6.97	6.1	0	4	1	0	3,735	114	3,621	0.8	0	0	2	29.0	13.0	\$83	\$28	\$14	\$125	\$17,190	0.12
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
FOREST	314.49	15.57	14.5	1	7	0	1	7,614	242	7,372	0.8	0	0	0	31.0	12.0	\$78	\$16	\$7	\$101	\$31,630	0.05
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
LANGLADE	300.29	6.16	5.0	0	2	1	0	5,257	93	5,164	0.3	0	0	0	43.0	39.0	\$31	\$22	\$15	\$69	\$20,596	0.05
WOOD	443.36	1.79	1.0	8	1	0	0	7,100	49	7,051	0.1	0	0	0	113.0	15.0	\$14	\$23	\$13	\$49	\$21,924	0.06
Region Total	--	--	--	--	--	--	--	123,644	4,262	119,382	--	0	0	65	--	--	--	--	--	--	\$997,149	
Region Average		9.23	7.1		1.7	3.8	1.2	0.6	6,869	237	6,632	0.7	0	0	120.6	96.8	\$75	\$51	\$31	\$158	\$55,397	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	13.49	6.0	2	4	5	0	4,988	422	4,566	1.6	0	0	0	46.0	225.0	\$151	\$91	\$76	\$317	\$84,854	0.12
BROWN	860.16	8.32	7.0	14	3	1	0	20,338	943	19,395	1.1	0	0	0	95.0	676.0	\$92	\$81	\$61	\$233	\$200,664	0.13
MANITOWOC	419.96	6.00	5.0	6	3	0	0	8,700	379	8,321	0.9	0	0	0	246.0	52.0	\$94	\$64	\$32	\$190	\$79,830	0.15
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
CALUMET	219.46	7.90	4.5	1	2	3	0	2,625	113	2,512	0.5	0	0	0	90.0	60.0	\$48	\$52	\$40	\$139	\$30,584	0.07
MARINETTE	414.39	5.34	3.0	5	2	2	0	9,050	308	8,742	0.7	0	0	0	64.0	112.0	\$73	\$38	\$29	\$139	\$57,731	0.14
SHEBOYGAN	543.53	6.36	7.0	2	2	4	0	10,434	248	10,186	0.5	0	0	0	67.0	191.0	\$59	\$41	\$35	\$135	\$73,150	0.07
KEWAUNEE	126.39	10.72	8.0	0	3	3	1	1,770	57	1,713	0.5	0	0	0	20.0	34.0	\$44	\$38	\$28	\$111	\$14,004	0.04
OCONTO	481.73	5.92	3.5	3	2	3	0	7,241	201	7,040	0.4	0	0	0	56.0	157.0	\$42	\$38	\$29	\$109	\$52,305	0.07
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	3,713	96,241	--	0	0	0	--	--	--	--	--	--	\$796,192	
Region Average	7.27	5.4		3.1	2.5	2.0	0.1	9,087	338	8,749	0.7	0	0	0	83.6	180.4	\$71	\$48	\$38	\$156	\$72,381	0.10

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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	16.56	7.7	1	7	2	0	13,635	735	12,900	1.4	0	0	0	216.0	178.0	\$139	\$66	\$48	\$253	\$132,003	0.09
CLARK	401.81	8.32	9.0	2	4	0	0	7,260	501	6,759	1.2	0	0	0	75.0	117.0	\$143	\$44	\$26	\$213	\$85,739	0.15
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
EAU CLAIRE	531.32	8.49	4.8	1	4	1	0	11,842	470	11,372	0.9	0	0	0	400.0	0.0	\$96	\$61	\$37	\$194	\$103,203	0.10
JACKSON	520.32	6.60	4.5	1	3	3	2	11,703	563	11,140	1.1	0	0	0	127.0	175.0	\$111	\$51	\$31	\$194	\$100,864	0.16
PEPIN	109.41	7.23	4.8	2	4	0	0	1,202	54	1,148	0.5	0	0	0	80.0	34.0	\$52	\$81	\$53	\$185	\$20,272	0.07
DOUGLAS	465.66	9.48	4.1	13	3	2	1	10,432	533	9,899	1.1	0	0	0	306.0	20.0	\$95	\$56	\$29	\$180	\$83,975	0.12
BAYFIELD	345.31	9.52	6.8	2	4	2	0	7,541	219	7,322	0.6	0	0	0	212.0	9.0	\$61	\$61	\$30	\$152	\$52,630	0.07
PIERCE	368.08	8.40	6.0	0	4	0	0	6,425	307	6,118	0.8	0	0	0	78.0	96.0	\$79	\$36	\$29	\$144	\$52,837	0.10
BARRON	428.61	6.72	4.5	2	3	1	0	7,000	263	6,737	0.6	0	0	0	208.0	49.0	\$56	\$52	\$33	\$141	\$60,382	0.09
TAYLOR	232.44	8.28	6.0	2	4	0	0	4,338	127	4,211	0.5	0	0	0	55.0	59.0	\$74	\$39	\$27	\$140	\$32,546	0.07
WASHBURN	385.68	5.98	3.5	7	3	0	0	7,845	215	7,630	0.6	0	0	0	152.0	51.0	\$53	\$47	\$30	\$129	\$49,774	0.09
BUFFALO	311.87	9.49	5.1	3	5	1	0	3,478	172	3,306	0.6	0	0	0	123.0	39.0	\$56	\$40	\$24	\$121	\$37,612	0.06
SAWYER	357.2	7.85	3.5	0	3	2	0	5,750	172	5,578	0.5	0	0	0	100.0	67.0	\$45	\$34	\$24	\$104	\$36,997	0.06
CHIPPEWA	653.17	5.27	4.5	1	2	1	0	13,874	302	13,572	0.5	0	0	0	100.0	124.0	\$48	\$30	\$20	\$98	\$63,785	0.09
SAINT CROIX	653.47	5.14	3.5	0	2	1	0	16,486	296	16,190	0.5	0	0	0	88.0	95.0	\$43	\$25	\$20	\$87	\$57,058	0.09
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
ASHLAND	255.69	4.89	5.0	3	2	0	0	4,475	64	4,411	0.3	0	0	0	61.0	22.0	\$31	\$29	\$17	\$78	\$19,838	0.05
BURNETT	235.35	9.27	2.4	3	3	0	2	3,715	72	3,643	0.3	0	0	0	44.0	24.0	\$31	\$25	\$14	\$71	\$16,596	0.03
POLK	374.54	2.50	4.0	1	1	0	0	9,074	82	8,992	0.2	0	0	0	62.0	0.0	\$20	\$14	\$7	\$42	\$15,587	0.09
Region Total	--	--	--	--	--	--	--	158,585	5,696	152,889	--	0	0	0	--	--	--	--	--	--	\$1,122,198	
Region Average	7.60	4.9		2.2	3.3	0.9	0.3	7,929	285	7,644	0.7	0	0	0	133.0	66.1	\$69	\$43	\$28	\$140	\$56,110	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	12.93	7.8	4	5	3	0	16,230	737	15,493	1.2	0	0	0	147.0	331.0	\$113	\$68	\$54	\$235	\$138,971	0.10
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
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	4.01	0.8	0	2	0	0	13,300	388	12,912	0.6	0	0	0	308.0	0.0	\$46	\$69	\$26	\$141	\$94,875	0.14
WALWORTH	697.33	7.27	5.0	4	2	3	0	19,050	469	18,581	0.7	0	0	0	146.0	192.0	\$70	\$38	\$33	\$141	\$98,074	0.09
RACINE	774.85	8.39	6.6	2	4	0	1	18,000	510	17,490	0.7	0	0	0	114.0	238.0	\$56	\$38	\$36	\$130	\$100,425	0.08
Region Total	--	--	--	--	--	--	--	173,396	4,964	168,432	--	0	0	0	--	--	--	--	--	--	\$988,342	
Region Average	7.56	5.4		2.1	3.0	1.0	0.1	24,771	709	24,062	0.9	0	0	0	197.4	296.7	\$74	\$52	\$43	\$168	\$141,192	0.12

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				Anti- Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
DODGE	667.73	10.50	10.0	5	4	2	0	19,970	841	19,129	1.3	0	0	0	131.0	375.0	\$108	\$68	\$52	\$228	\$151,959	0.12
JUNEAU	500.96	6.38	3.7	2	3	0	0	10,569	558	10,011	1.1	0	0	0	93.0	199.0	\$124	\$48	\$37	\$209	\$104,830	0.17
COLUMBIA	801.13	10.98	2.7	5	3	5	1	24,992	828	24,164	1.0	0	0	0	143.0	321.0	\$114	\$52	\$38	\$204	\$163,494	0.09
SAUK	594.09	6.12	5.0	0	3	0	0	16,268	567	15,701	1.0	0	0	0	37.0	378.0	\$102	\$48	\$47	\$197	\$116,921	0.16
MONROE	679.49	6.55	5.0	1	3	0	1	13,755	746	13,009	1.1	0	0	0	80.0	274.0	\$111	\$45	\$31	\$187	\$127,144	0.17
IOWA	457.1	9.16	4.5	2	5	0	0	8,478	294	8,184	0.6	0	0	0	175.0	220.0	\$68	\$62	\$57	\$187	\$85,380	0.07
ROCK	791.89	9.06	6.0	1	5	0	0	15,286	440	14,846	0.6	0	0	0	159.0	501.0	\$51	\$50	\$73	\$175	\$138,306	0.06
VERNON	469.79	13.59	4.7	4	6	2	0	6,988	357	6,631	0.8	0	0	0	78.0	221.0	\$77	\$55	\$36	\$168	\$78,904	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
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
CRAWFORD	398.22	14.20	5.0	1	4	4	1	5,072	200	4,872	0.5	0	0	0	96.0	87.0	\$49	\$39	\$26	\$114	\$45,478	0.04
JEFFERSON	552.87	10.21	6.5	4	5	1	0	16,157	105	16,052	0.2	0	0	0	87.0	192.0	\$21	\$45	\$34	\$101	\$55,681	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	6,628	205,627	--	0	0	305	--	--	--	--	--	--	\$1,491,381	
Region Average	9.53	5.3		2.1	4.0	1.4	0.3	14,150	442	13,708	0.7	0	0	20	95.3	263.9	\$73	\$47	\$39	\$159	\$99,425	0.08

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	767,834	25,263	742,571	--	0	0	370.0	--	--	--	--	--	--	\$5,395,262	--
Statewide Average	8.37	5.6	2.2	3.4	1.3	0.3	10,815	356	10,459	0.7	0.0	0.0	5.2	120.6	156.1	\$72	\$47	\$34	\$154	\$75,990	0.09