

Storm Report Summary - Thru Week 14 (2/1/24)

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	62.06	50.1	0	19	11	8	6,813	1,433	5,380	6.0	0	0	34	419.0	389.0	\$656	\$327	\$194	\$1,178	\$283,236	0.10
MENOMINEE	90.66	47.39	28.7	0	17	5	7	2,365	639	1,726	7.0	0	0	1	151.0	89.0	\$686	\$239	\$123	\$1,047	\$94,965	0.15
VILAS	307.73	93.39	39.2	3	33	10	18	8,775	1,129	7,646	3.7	0	0	387	1421.0	0.0	\$427	\$400	\$193	\$1,020	\$313,751	0.04
MARQUETTE	246.61	50.33	34.0	9	16	3	5	4,857	925	3,932	3.8	0	0	16	312.0	463.0	\$444	\$285	\$194	\$923	\$227,534	0.07
FLORENCE	137.43	54.80	25.6	1	19	5	5	3,735	741	2,994	5.4	0	0	13	256.0	124.0	\$549	\$201	\$130	\$880	\$120,936	0.10
SHAWANO	530.27	60.79	33.5	3	14	14	6	9,381	2,141	7,240	4.0	0	0	8	908.0	958.0	\$356	\$316	\$198	\$870	\$461,367	0.07
PORTAGE	531.62	48.51	26.8	11	15	8	6	9,000	1,338	7,662	2.5	0	0	33	1298.0	906.0	\$262	\$371	\$228	\$860	\$457,384	0.05
FOREST	314.49	70.47	41.1	1	26	2	9	7,614	1,651	5,963	5.2	0	0	0	413.0	364.0	\$516	\$211	\$128	\$855	\$268,975	0.07
MARATHON	905.42	58.57	16.7	12	17	10	8	14,350	2,832	11,518	3.1	0	0	29	1246.0	1691.0	\$358	\$278	\$173	\$809	\$732,688	0.05
ONEIDA	395.39	69.40	29.5	4	19	12	15	10,347	1,020	9,327	2.6	0	0	144	1132.0	507.0	\$276	\$298	\$221	\$795	\$314,270	0.04
WAUPACA	556.87	43.03	31.7	2	10	11	2	11,200	2,382	8,818	4.3	0	0	0	515.0	886.0	\$370	\$220	\$152	\$743	\$413,732	0.10
WOOD	443.36	39.54	22.1	14	14	5	4	7,100	1,366	5,734	3.1	0	0	68	545.0	743.0	\$320	\$220	\$164	\$704	\$312,011	0.08
ADAMS	202.74	39.38	29.6	6	13	2	4	4,280	584	3,696	2.9	0	0	16	370.0	88.0	\$395	\$186	\$112	\$693	\$140,589	0.07
LINCOLN	399.39	52.23	24.4	9	17	5	10	6,729	916	5,813	2.3	0	0	213	647.0	423.0	\$316	\$213	\$146	\$675	\$269,542	0.04
PRICE	319.53	46.74	17.9	7	18	3	8	5,925	676	5,249	2.1	0	0	0	481.0	417.0	\$268	\$253	\$148	\$669	\$213,890	0.05
GREEN LAKE	154.11	37.12	33.7	0	10	7	3	1,830	406	1,424	2.6	0	0	0	174.0	210.0	\$274	\$207	\$146	\$627	\$96,586	0.07
LANGLADE	300.29	61.08	25.1	7	20	5	10	5,257	665	4,592	2.2	0	0	1	426.0	329.0	\$253	\$214	\$135	\$601	\$180,467	0.04
WAUSHARA	343.69	34.31	27.3	0	10	3	3	4,086	773	3,313	2.2	0	0	49	407.0	374.0	\$242	\$205	\$127	\$574	\$197,137	0.07
Region Total	--	--	--	--	--	--	--	123,644	21,617	102,027	--	0	0	1012	--	--	--	--	--	--	\$5,099,061	
Region Average	53.84	29.8		4.9	17.1	6.7	7.3	6,869	1,201	5,668	3.6	0	0	56	617.8	497.8	\$387	\$258	\$162	\$807	\$283,281	0.07

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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		
MANITOWOC	419.96	25.71	25.6	18	10	2	0	8,700	3,215	5,485	7.7	0	0	140	1444.0	731.0	\$700	\$466	\$253	\$1,419	\$595,762	0.30
CALUMET	219.46	47.37	32.6	10	11	17	3	2,625	719	1,906	3.3	0	0	0	665.0	452.0	\$327	\$396	\$297	\$1,020	\$223,850	0.07
FOND DU LAC	611.86	38.25	33.0	2	13	5	3	11,240	2,695	8,545	4.4	0	0	142	919.0	1416.0	\$437	\$304	\$265	\$1,006	\$615,646	0.12
OUTAGAMIE	567.52	38.91	26.5	0	10	11	1	11,682	2,191	9,491	3.9	0	0	0	1349.0	1090.0	\$433	\$285	\$277	\$994	\$564,354	0.10
DOOR	267.29	49.45	38.2	6	14	17	1	4,988	1,087	3,901	4.1	0	0	48	286.0	617.0	\$400	\$304	\$239	\$943	\$252,097	0.08
MARINETTE	414.39	59.92	31.2	18	20	10	7	9,050	1,993	7,057	4.8	0	0	0	778.0	634.0	\$428	\$289	\$214	\$931	\$385,799	0.08
KEWAUNEE	126.39	49.32	40.1	2	11	12	6	1,770	457	1,313	3.6	0	0	210	185.0	188.0	\$402	\$266	\$184	\$852	\$107,477	0.07
WINNEBAGO	688.27	32.70	31.1	9	9	9	2	11,886	2,347	9,539	3.4	0	18	10	974.0	1512.0	\$321	\$283	\$237	\$841	\$579,040	0.10
BROWN	860.16	28.11	22.3	23	11	1	4	20,338	3,243	17,095	3.8	0	0	0	942.0	1650.0	\$304	\$271	\$187	\$762	\$654,620	0.13
OCONTO	481.73	49.63	26.7	9	12	13	5	7,241	1,270	5,971	2.6	0	0	0	608.0	732.0	\$246	\$226	\$171	\$643	\$309,979	0.05
SHEBOYGAN	543.53	22.46	16.3	12	9	5	2	10,434	482	9,952	0.9	0	0	0	233.0	471.0	\$140	\$112	\$93	\$345	\$187,661	0.04
Region Total	--	--	--	--	--	--	--	99,954	19,699	80,255	--	0	18	550	--	--	--	--	--	--	\$4,476,286	
Region Average	40.17	29.4		9.9	11.8	9.3	3.1	9,087	1,791	7,296	3.9	0	2	50	762.1	863.0	\$376	\$291	\$220	\$887	\$406,935	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		
TREMPEALEAU	420.25	32.71	20.1	6	9	13	0	9,261	2,225	7,036	5.3	0	0	0	617.0	674.0	\$534	\$250	\$196	\$980	\$411,692	0.16
BAYFIELD	345.31	67.65	35.0	4	23	15	3	7,541	1,492	6,049	4.3	0	0	16	926.0	374.0	\$410	\$338	\$200	\$949	\$327,566	0.06
DOUGLAS	465.66	61.40	29.0	29	24	11	8	10,432	2,503	7,929	5.4	0	0	0	1436.0	436.0	\$445	\$321	\$180	\$947	\$440,876	0.09
ASHLAND	255.69	56.50	37.1	7	18	7	8	4,475	1,042	3,433	4.1	0	0	3	421.0	304.0	\$450	\$246	\$161	\$858	\$219,257	0.07
JACKSON	520.32	36.15	19.6	14	10	13	8	11,703	2,331	9,372	4.5	0	0	0	721.0	622.0	\$483	\$225	\$134	\$841	\$437,826	0.12
CLARK	401.81	26.65	14.1	4	9	9	2	7,260	1,674	5,586	4.2	0	0	3	329.0	467.0	\$476	\$177	\$109	\$762	\$306,202	0.16
EAU CLAIRE	531.32	33.48	11.1	4	13	1	4	11,842	1,952	9,890	3.7	0	0	0	1029.0	351.0	\$399	\$216	\$143	\$758	\$402,743	0.11
DUNN	521.2	39.74	18.3	5	17	3	2	13,635	2,181	11,454	4.2	0	0	0	395.0	606.0	\$414	\$170	\$130	\$713	\$371,714	0.11
BARRON	428.61	39.92	10.0	3	12	12	8	7,000	1,345	5,655	3.1	0	0	83	600.0	543.0	\$288	\$220	\$167	\$676	\$289,527	0.08
PEPIN	109.41	30.59	13.9	8	10	4	4	1,202	168	1,034	1.5	0	0	0	209.0	170.0	\$168	\$293	\$186	\$647	\$70,735	0.05
WASHBURN	385.68	44.28	10.3	16	15	2	8	7,845	1,177	6,668	3.1	0	0	0	421.0	387.0	\$288	\$188	\$130	\$606	\$233,626	0.07
BUFFALO	311.87	40.29	19.6	6	15	5	4	3,478	799	2,679	2.6	0	0	0	320.0	329.0	\$259	\$167	\$107	\$534	\$166,404	0.06
TAYLOR	232.44	41.23	18.1	3	16	4	7	4,338	502	3,836	2.2	0	0	0	148.0	249.0	\$293	\$142	\$96	\$532	\$123,571	0.05
RUSK	213.1	45.17	15.2	6	12	6	9	3,249	496	2,753	2.3	0	0	0	202.0	212.0	\$237	\$167	\$116	\$520	\$110,845	0.05
POLK	374.54	34.77	18.0	9	12	11	0	9,074	1,074	8,000	2.9	0	0	3	293.0	369.0	\$269	\$147	\$102	\$518	\$194,030	0.08
CHIPPEWA	653.17	28.57	12.1	4	10	4	2	13,874	1,322	12,552	2.0	0	0	19	231.0	955.0	\$208	\$155	\$117	\$480	\$313,760	0.07
SAWYER	357.2	48.90	15.6	0	17	9	6	5,750	862	4,888	2.4	0	0	0	385.0	298.0	\$227	\$145	\$101	\$473	\$168,886	0.05
PIERCE	368.08	26.42	13.6	0	10	4	2	6,425	892	5,533	2.4	0	0	0	257.0	329.0	\$232	\$117	\$97	\$446	\$164,037	0.09
BURNETT	235.35	29.17	8.1	7	10	3	8	3,715	568	3,147	2.4	0	0	0	138.0	190.0	\$242	\$126	\$76	\$444	\$104,607	0.08
SAINT CROIX	653.47	21.68	8.4	1	8	2	2	16,486	1,274	15,212	1.9	0	0	0	120.0	722.0	\$187	\$116	\$102	\$405	\$264,461	0.09
Region Total	--	--	--	--	--	--	--	158,585	25,879	132,706	--	0	0	127	--	--	--	--	--	--	\$5,122,367	
Region Average	39.26	17.4		6.8	13.5	6.9	4.8	7,929	1,294	6,635	3.2	0	0	6	459.9	429.4	\$325	\$196	\$133	\$654	\$256,118	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		
MILWAUKEE	1574.67	40.43	25.9	3	10	0	4	55,265	15,152	40,113	9.6	0	0	0	3623.0	5019.0	\$756	\$428	\$507	\$1,691	\$2,662,418	0.24
WASHINGTON	591.04	55.28	42.1	12	15	10	5	16,230	4,328	11,902	7.3	0	0	0	1379.0	1585.0	\$666	\$420	\$316	\$1,402	\$828,779	0.13
WAUKESHA	1059.84	42.59	37.2	6	11	2	2	41,600	8,341	33,259	7.9	0	0	14	3072.0	1924.0	\$627	\$391	\$308	\$1,327	\$1,406,063	0.18
KENOSHA	674.4	44.34	3.3	3	13	5	4	13,300	3,214	10,086	4.8	0	0	9	1963.0	1499.0	\$382	\$435	\$350	\$1,167	\$787,298	0.11
OZAUKEE	321.1	32.87	30.0	8	10	4	5	9,951	1,465	8,486	4.6	0	0	0	547.0	510.0	\$375	\$283	\$221	\$879	\$282,129	0.14
RACINE	774.85	24.54	12.9	11	10	0	3	18,000	2,157	15,843	2.8	0	0	0	503.0	633.0	\$239	\$122	\$110	\$471	\$365,084	0.11
WALWORTH	697.33	16.95	10.5	11	7	4	0	19,050	837	18,213	1.2	0	0	0	412.0	384.0	\$139	\$88	\$76	\$302	\$210,937	0.07
Region Total	--	--	--	--	--	--	--	173,396	35,494	137,902	--	0	0	23	--	--	--	--	--	--	\$6,542,707	
Region Average	36.71	23.1		7.7	10.9	3.6	3.3	24,771	5,071	19,700	5.4	0	0	3	1642.7	1650.6	\$455	\$310	\$270	\$1,034	\$934,672	0.14

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				Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
COLUMBIA	801.13	50.81	29.9	18	11	18	7	24,992	6,914	18,078	8.6	0	0	146	1936.0	1767.0	\$933	\$416	\$276	\$1,625	\$1,301,978	0.17
IOWA	457.1	37.87	33.1	10	14	3	3	8,478	2,616	5,862	5.7	0	0	19	1166.0	1116.0	\$562	\$385	\$320	\$1,266	\$578,823	0.15
DODGE	667.73	39.86	41.0	13	12	8	2	19,970	4,242	15,728	6.4	0	0	110	1407.0	1695.0	\$546	\$418	\$294	\$1,258	\$840,288	0.16
JUNEAU	500.96	36.78	27.2	7	12	10	1	10,569	3,150	7,419	6.3	0	0	0	839.0	982.0	\$691	\$319	\$219	\$1,229	\$615,825	0.17
MONROE	679.49	43.10	25.8	6	11	7	7	13,755	3,970	9,785	5.8	0	0	0	879.0	1317.0	\$597	\$283	\$180	\$1,060	\$720,221	0.14
LAFAYETTE	294.51	58.97	34.0	4	21	7	4	3,507	1,443	2,064	4.9	0	0	1018	657.0	560.0	\$497	\$325	\$216	\$1,038	\$305,796	0.08
SAUK	594.09	24.42	19.1	0	7	2	1	16,268	3,330	12,938	5.6	0	0	0	780.0	1100.0	\$603	\$240	\$189	\$1,033	\$613,126	0.23
VERNON	469.79	68.07	23.6	10	21	12	6	6,988	2,409	4,579	5.1	0	0	0	843.0	971.0	\$499	\$321	\$201	\$1,021	\$479,624	0.08
JEFFERSON	552.87	50.04	35.5	8	15	11	4	16,157	1,440	14,717	2.6	0	0	231	1239.0	1542.0	\$246	\$452	\$322	\$1,020	\$564,104	0.05
DANE	1665.78	28.90	19.8	10	10	0	2	53,583	7,145	46,438	4.3	0	0	3	1499.0	3894.0	\$399	\$270	\$330	\$999	\$1,663,553	0.15
ROCK	791.89	29.69	26.7	6	12	1	2	15,286	3,237	12,049	4.1	0	0	16	965.0	2020.0	\$373	\$298	\$322	\$993	\$786,593	0.14
GRANT	646.92	41.59	38.7	0	11	12	2	10,132	3,264	6,868	5.0	0	0	1122	1027.0	1178.0	\$496	\$296	\$192	\$984	\$636,378	0.12
GREEN	311.98	50.79	30.4	6	16	8	3	3,846	938	2,908	3.0	0	0	7	605.0	627.0	\$358	\$335	\$218	\$911	\$284,219	0.06
CRAWFORD	398.22	62.59	33.1	7	13	20	8	5,072	1,461	3,611	3.7	0	0	107	722.0	572.0	\$365	\$260	\$184	\$809	\$322,051	0.06
RICHLAND	321.78	27.85	22.0	4	6	15	2	3,652	1,007	2,645	3.1	0	0	94	502.0	396.0	\$344	\$229	\$134	\$707	\$227,436	0.11
LA CROSSE	483.56	9.07	11.0	0	3	2	0	10,461	397	10,064	0.8	0	0	0	71.0	293.0	\$89	\$65	\$55	\$209	\$101,097	0.09
Region Total	--	--	--	--	--	--	--	222,716	46,963	175,753	--	0	0	2873	--	--	--	--	--	--	\$10,041,110	
Region Average	41.28	28.2		6.8	12.2	8.5	3.4	13,920	2,935	10,985	4.7	0	0	180	946.1	1251.9	\$475	\$307	\$228	\$1,010	\$627,569	0.12

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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.

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		
Statewide Total	--	--	--	--	--	--	778,295	149,652	628,643	--	0	18	4585.0	--	--	--	--	--	--	\$31,281,530	--
Statewide Average	43.25	25.3	6.9	13.6	7.3	4.7	10,810	2,079	8,731	4.0	0.0	0.3	63.7	768.6	814.2	\$394	\$262	\$188	\$844	\$434,466	0.10