

Storm Report Summary - Thru Week 16 (2/15/24)

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	69.16	54.1	0	23	11	8	6,813	1,638	5,175	6.8	0	0	34	468.0	458.0	\$751	\$368	\$224	\$1,342	\$322,882	0.10
MENOMINEE	90.66	49.60	31.7	0	18	5	7	2,365	672	1,693	7.4	0	0	9	168.0	89.0	\$722	\$256	\$130	\$1,108	\$100,463	0.15
MARQUETTE	246.61	52.13	36.0	12	17	3	5	4,857	960	3,897	3.9	0	0	16	393.0	467.0	\$487	\$328	\$210	\$1,025	\$252,434	0.07
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
FOREST	314.49	78.20	47.2	1	29	2	10	7,614	1,813	5,801	5.8	0	0	0	492.0	394.0	\$566	\$242	\$145	\$953	\$299,639	0.07
FLORENCE	137.43	57.39	29.6	1	20	5	5	3,735	801	2,934	5.8	0	0	13	286.0	124.0	\$592	\$217	\$139	\$948	\$130,286	0.10
SHAWANO	530.27	64.52	37.5	5	16	14	6	9,381	2,291	7,090	4.3	0	0	8	1056.0	958.0	\$387	\$346	\$211	\$943	\$499,865	0.07
PORTAGE	531.62	52.33	28.3	12	16	8	7	9,000	1,425	7,575	2.7	0	0	33	1431.0	906.0	\$281	\$393	\$239	\$913	\$485,196	0.05
ONEIDA	395.39	77.33	35.1	4	21	13	16	10,347	1,187	9,160	3.0	0	0	144	1315.0	537.0	\$319	\$335	\$248	\$901	\$356,097	0.04
MARATHON	905.42	60.59	18.7	14	18	10	8	14,350	3,090	11,260	3.4	0	0	29	1429.0	1771.0	\$395	\$304	\$187	\$885	\$801,552	0.06
PRICE	319.53	63.17	24.5	9	23	3	13	5,925	850	5,075	2.7	0	0	0	575.0	464.0	\$328	\$293	\$170	\$791	\$252,801	0.04
ADAMS	202.74	47.04	29.6	8	13	5	6	4,280	653	3,627	3.2	0	0	16	408.0	101.0	\$455	\$206	\$125	\$786	\$159,440	0.07
WAUPACA	556.87	47.37	33.7	2	11	13	2	11,200	2,498	8,702	4.5	0	0	0	609.0	890.0	\$388	\$236	\$161	\$785	\$436,934	0.09
LINCOLN	399.39	57.20	30.4	10	19	5	11	6,729	1,044	5,685	2.6	0	0	213	760.0	428.0	\$361	\$238	\$159	\$758	\$302,826	0.05
WOOD	443.36	49.77	22.4	15	17	5	7	7,100	1,449	5,651	3.3	0	0	68	613.0	769.0	\$339	\$238	\$174	\$751	\$332,991	0.07
GREEN LAKE	154.11	39.09	36.7	1	11	7	3	1,830	424	1,406	2.8	0	0	0	214.0	210.0	\$290	\$225	\$158	\$673	\$103,708	0.07
LANGLADE	300.29	64.22	32.1	8	21	5	10	5,257	711	4,546	2.4	0	0	1	503.0	333.0	\$275	\$237	\$147	\$658	\$197,641	0.04
WAUSHARA	343.69	34.31	27.3	1	10	3	3	4,086	773	3,313	2.2	0	0	49	431.0	374.0	\$247	\$211	\$130	\$587	\$201,831	0.07
Region Total	--	--	--	--	--	--	--	123,644	23,408	100,236	--	0	0	1020	--	--	--	--	--	--	\$5,550,335	
Region Average	58.71	33.0		5.9	18.7	7.1	8.1	6,869	1,300	5,569	3.9	0	0	57	698.4	515.2	\$423	\$282	\$175	\$879	\$308,352	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	27.57	27.6	21	11	2	0	8,700	3,427	5,273	8.2	0	0	140	1600.0	731.0	\$766	\$499	\$269	\$1,534	\$644,058	0.30
SHEBOYGAN	543.53	56.83	51.3	15	17	18	3	10,434	2,055	8,379	3.8	0	0	52	1384.0	1559.0	\$498	\$468	\$368	\$1,334	\$725,089	0.07
BROWN	860.16	40.75	40.6	29	15	3	4	20,338	4,739	15,599	5.5	0	0	26	1368.0	2569.0	\$443	\$410	\$285	\$1,138	\$977,977	0.14
CALUMET	219.46	50.54	35.1	15	12	18	3	2,625	772	1,853	3.5	0	0	0	776.0	452.0	\$365	\$436	\$322	\$1,123	\$246,347	0.07
OUTAGAMIE	567.52	45.63	28.5	1	11	15	1	11,682	2,261	9,421	4.0	0	0	0	1574.0	1112.0	\$461	\$311	\$301	\$1,073	\$609,172	0.09
FOND DU LAC	611.86	38.25	33.0	3	13	5	3	11,240	2,695	8,545	4.4	0	0	142	950.0	1416.0	\$442	\$309	\$267	\$1,018	\$622,923	0.12
DOOR	267.29	52.65	40.7	6	15	18	1	4,988	1,153	3,835	4.3	0	0	48	317.0	638.0	\$426	\$322	\$251	\$999	\$267,152	0.08
MARINETTE	414.39	69.99	31.2	23	23	10	10	9,050	2,082	6,968	5.0	0	0	0	812.0	664.0	\$459	\$303	\$224	\$986	\$408,437	0.07
KEWAUNEE	126.39	55.94	44.1	2	14	13	7	1,770	507	1,263	4.0	0	0	210	207.0	195.0	\$443	\$286	\$197	\$926	\$116,860	0.07
WINNEBAGO	688.27	35.80	33.1	11	10	10	2	11,886	2,457	9,429	3.6	0	18	10	1178.0	1527.0	\$345	\$291	\$254	\$889	\$612,125	0.10
OCONTO	481.73	53.68	26.7	12	12	13	7	7,241	1,270	5,971	2.6	0	0	0	664.0	732.0	\$258	\$236	\$177	\$671	\$323,114	0.05
Region Total	--	--	--	--	--	--	--	99,954	23,418	76,536	--	0	18	628	--	--	--	--	--	--	\$5,553,255	
Region Average	47.97	35.6	12.5	13.9	11.4	3.7	9,087	2,129	6,958	4.4	0	2	57	984.5	1054.1	\$446	\$352	\$265	\$1,063	\$504,841	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		
DOUGLAS	465.66	68.61	30.1	31	27	13	9	10,432	2,739	7,693	5.9	0	0	0	1562.0	487.0	\$487	\$354	\$198	\$1,040	\$484,085	0.09
BAYFIELD	345.31	73.05	37.1	4	26	15	3	7,541	1,561	5,980	4.5	0	0	16	974.0	374.0	\$429	\$351	\$206	\$986	\$340,565	0.06
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
JACKSON	520.32	37.94	20.6	17	11	13	9	11,703	2,418	9,285	4.6	0	0	0	768.0	661.0	\$504	\$239	\$142	\$885	\$460,422	0.12
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
CLARK	401.81	28.83	17.6	4	10	9	3	7,260	1,883	5,377	4.7	0	0	3	373.0	499.0	\$535	\$194	\$118	\$848	\$340,613	0.16
EAU CLAIRE	531.32	33.48	11.1	5	13	1	4	11,842	1,952	9,890	3.7	0	0	0	1044.0	351.0	\$405	\$218	\$145	\$768	\$407,894	0.11
PEPIN	109.41	32.74	16.9	8	11	4	4	1,202	209	993	1.9	0	0	0	242.0	178.0	\$206	\$322	\$204	\$732	\$80,085	0.06
WASHBURN	385.68	50.11	13.6	17	17	3	9	7,845	1,438	6,407	3.7	0	0	0	495.0	429.0	\$350	\$215	\$148	\$713	\$275,174	0.07
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	43.47	10.1	3	13	12	9	7,000	1,379	5,621	3.2	0	0	83	627.0	545.0	\$296	\$225	\$171	\$692	\$296,492	0.07
BUFFALO	311.87	50.44	20.8	7	18	6	7	3,478	888	2,590	2.8	0	0	0	398.0	337.0	\$291	\$188	\$119	\$597	\$186,112	0.06
TAYLOR	232.44	43.64	22.1	3	17	4	7	4,338	564	3,774	2.4	0	0	0	177.0	257.0	\$329	\$156	\$104	\$589	\$136,884	0.06
RUSK	213.1	59.48	15.7	6	16	6	13	3,249	547	2,702	2.6	0	0	0	228.0	247.0	\$261	\$184	\$133	\$579	\$123,331	0.04
BURNETT	235.35	34.95	11.6	7	12	3	10	3,715	728	2,987	3.1	0	0	0	183.0	216.0	\$309	\$152	\$92	\$552	\$129,911	0.09
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
SAWYER	357.2	51.42	15.7	0	18	10	6	5,750	909	4,841	2.5	0	0	0	387.0	316.0	\$239	\$150	\$104	\$493	\$176,269	0.05
CHIPPEWA	653.17	29.78	12.1	4	10	5	2	13,874	1,349	12,525	2.1	0	0	19	262.0	957.0	\$213	\$159	\$120	\$491	\$320,758	0.07
PIERCE	368.08	26.42	13.6	4	10	4	2	6,425	892	5,533	2.4	0	0	0	302.0	329.0	\$234	\$123	\$103	\$460	\$169,155	0.09
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	27,252	131,333	--	0	0	127	--	--	--	--	--	--	\$5,388,905	
Region Average	42.49	18.5		7.4	14.7	7.2	5.5	7,929	1,363	6,567	3.4	0	0	6	493.4	442.9	\$347	\$208	\$140	\$695	\$269,445	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	42.85	27.5	5	11	0	4	55,265	16,043	39,222	10.2	0	0	0	4382.0	5019.0	\$804	\$464	\$542	\$1,810	\$2,850,504	0.24
WASHINGTON	591.04	62.37	47.2	17	17	11	6	16,230	4,654	11,576	7.9	0	0	0	1537.0	1665.0	\$718	\$454	\$339	\$1,511	\$893,209	0.13
WAUKESHA	1059.84	46.71	40.2	10	12	2	3	41,600	8,643	32,957	8.2	0	0	14	3384.0	1926.0	\$652	\$416	\$325	\$1,393	\$1,476,209	0.17
WALWORTH	697.33	54.41	39.8	20	17	9	4	19,050	4,300	14,750	6.2	0	0	12	1825.0	1826.0	\$601	\$390	\$351	\$1,342	\$935,720	0.11
KENOSHA	674.4	46.75	3.3	3	13	7	4	13,300	3,226	10,074	4.8	0	0	9	2003.0	1504.0	\$383	\$441	\$354	\$1,178	\$794,704	0.10
RACINE	774.85	51.41	32.1	19	21	0	5	18,000	3,807	14,193	4.9	0	0	0	1736.0	1388.0	\$426	\$330	\$288	\$1,045	\$809,489	0.10
OZAUKEE	321.1	36.66	34.0	10	12	4	5	9,951	1,565	8,386	4.9	0	0	0	642.0	539.0	\$403	\$317	\$244	\$964	\$309,599	0.13
Region Total	--	--	--	--	--	--	--	173,396	42,238	131,158	--	0	0	35	--	--	--	--	--	--	\$8,069,433	
Region Average	48.74	32.0		12.0	14.7	4.7	4.4	24,771	6,034	18,737	6.7	0	0	5	2215.6	1981.0	\$570	\$402	\$349	\$1,320	\$1,152,776	0.14

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				Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
DANE	1665.78	44.64	33.0	10	14	0	3	53,583	12,562	41,021	7.5	0	0	171	2800.0	7132.0	\$700	\$508	\$607	\$1,815	\$3,022,985	0.17
COLUMBIA	801.13	56.94	34.1	20	13	18	9	24,992	7,164	17,828	8.9	0	0	146	2108.0	1815.0	\$970	\$441	\$290	\$1,701	\$1,362,637	0.16
DODGE	667.73	42.20	45.0	16	13	8	2	19,970	4,436	15,534	6.6	0	0	110	1502.0	1797.0	\$572	\$445	\$313	\$1,329	\$887,555	0.16
IOWA	457.1	39.85	35.1	12	15	3	4	8,478	2,655	5,823	5.8	0	0	19	1222.0	1145.0	\$577	\$398	\$331	\$1,306	\$597,014	0.15
JUNEAU	500.96	38.90	30.2	8	13	10	1	10,569	3,268	7,301	6.5	0	0	0	878.0	1038.0	\$721	\$334	\$231	\$1,286	\$644,220	0.17
SAUK	594.09	32.75	19.8	0	10	3	2	16,268	3,919	12,349	6.6	0	0	0	1026.0	1295.0	\$709	\$289	\$230	\$1,229	\$729,630	0.20
VERNON	469.79	70.57	25.6	11	22	12	6	6,988	2,501	4,487	5.3	0	0	0	903.0	1017.0	\$519	\$339	\$212	\$1,071	\$503,048	0.08
MONROE	679.49	43.10	25.8	7	11	7	7	13,755	3,970	9,785	5.8	0	0	0	897.0	1317.0	\$601	\$286	\$181	\$1,069	\$726,107	0.14
ROCK	791.89	31.52	28.2	8	13	1	2	15,286	3,370	11,916	4.3	0	0	16	1058.0	2121.0	\$395	\$319	\$342	\$1,056	\$836,027	0.14
LAFAYETTE	294.51	60.85	35.0	4	22	7	4	3,507	1,463	2,044	5.0	0	0	1020	670.0	567.0	\$503	\$331	\$220	\$1,054	\$310,294	0.08
JEFFERSON	552.87	52.13	38.5	11	16	11	4	16,157	1,449	14,708	2.6	0	0	231	1282.0	1599.0	\$251	\$468	\$334	\$1,052	\$581,864	0.05
GRANT	646.92	43.61	40.7	0	12	12	2	10,132	3,297	6,835	5.1	0	0	1133	1045.0	1204.0	\$501	\$301	\$196	\$997	\$645,235	0.12
GREEN	311.98	52.34	31.4	7	17	8	3	3,846	942	2,904	3.0	0	0	7	622.0	633.0	\$362	\$341	\$221	\$924	\$288,388	0.06
CRAWFORD	398.22	65.50	34.1	7	14	21	8	5,072	1,500	3,572	3.8	0	0	107	749.0	592.0	\$374	\$270	\$190	\$834	\$332,243	0.06
RICHLAND	321.78	27.85	22.0	5	6	16	2	3,652	1,047	2,605	3.3	0	0	94	536.0	418.0	\$361	\$243	\$143	\$746	\$240,144	0.12
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	53,940	168,776	--	0	0	3054	--	--	--	--	--	--	\$11,808,486	
Region Average	44.49	30.6		7.9	13.4	8.7	3.7	13,920	3,371	10,549	5.1	0	0	191	1085.6	1498.9	\$513	\$336	\$256	\$1,105	\$738,030	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	170,256	608,039	--	0	18	4864.0	--	--	--	--	--	--	\$36,370,415	--
Statewide Average	48.43	28.8	8.4	15.3	7.9	5.3	10,810	2,365	8,445	4.4	0.0	0.3	67.6	918.7	938.6	\$440	\$296	\$214	\$949	\$505,145	0.10