

Storm Report Summary - Thru Week 12 (1/18/24)

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	45.18	43.0	0	15	5	7	6,813	1,284	5,529	5.3	0	0	29	350.0	344.0	\$588	\$284	\$168	\$1,040	\$250,192	0.12
MENOMINEE	90.66	34.88	27.2	0	13	5	4	2,365	544	1,821	6.0	0	0	1	120.0	88.0	\$584	\$207	\$109	\$900	\$81,591	0.17
VILAS	307.73	71.07	34.2	3	26	6	14	8,775	1,053	7,722	3.4	0	0	55	1132.0	0.0	\$388	\$320	\$154	\$862	\$265,183	0.05
MARQUETTE	246.61	47.52	33.5	7	15	2	5	4,857	888	3,969	3.6	0	0	0	307.0	426.0	\$408	\$266	\$182	\$856	\$211,167	0.08
PORTAGE	531.62	40.71	26.7	8	14	6	4	9,000	1,314	7,686	2.5	0	0	33	1191.0	889.0	\$254	\$351	\$216	\$822	\$436,799	0.06
SHAWANO	530.27	50.73	33.4	3	13	9	5	9,381	2,020	7,361	3.8	0	0	0	718.0	958.0	\$336	\$284	\$182	\$802	\$425,294	0.08
FLORENCE	137.43	40.55	24.3	1	15	3	2	3,735	658	3,077	4.8	0	0	13	214.0	115.0	\$487	\$181	\$114	\$782	\$107,478	0.12
FOREST	314.49	61.01	39.9	1	23	1	7	7,614	1,481	6,133	4.7	0	0	0	385.0	313.0	\$463	\$189	\$114	\$767	\$241,045	0.08
ONEIDA	395.39	55.09	29.2	3	16	11	11	10,347	982	9,365	2.5	0	0	144	1016.0	488.0	\$261	\$276	\$204	\$742	\$293,146	0.05
WAUPACA	556.87	39.42	31.7	2	10	8	2	11,200	2,345	8,855	4.2	0	0	0	456.0	886.0	\$364	\$212	\$148	\$723	\$402,774	0.11
MARATHON	905.42	43.35	16.3	9	13	9	4	14,350	2,598	11,752	2.9	0	0	29	997.0	1587.0	\$318	\$241	\$154	\$714	\$646,160	0.07
ADAMS	202.74	33.92	29.5	4	12	2	2	4,280	584	3,696	2.9	0	0	0	344.0	83.0	\$375	\$174	\$105	\$654	\$132,515	0.08
LINCOLN	399.39	48.47	24.3	7	16	5	9	6,729	886	5,843	2.2	0	0	213	589.0	421.0	\$296	\$201	\$139	\$636	\$253,923	0.05
PRICE	319.53	37.26	17.2	5	15	2	6	5,925	633	5,292	2.0	0	0	0	404.0	388.0	\$238	\$223	\$132	\$593	\$189,435	0.05
GREEN LAKE	154.11	27.26	32.3	0	7	6	1	1,830	387	1,443	2.5	0	0	0	149.0	201.0	\$261	\$189	\$134	\$585	\$90,100	0.09
LANGLADE	300.29	45.51	24.8	4	17	4	5	5,257	633	4,624	2.1	0	0	1	364.0	297.0	\$230	\$187	\$119	\$535	\$160,772	0.05
WOOD	443.36	27.55	9.1	14	11	1	4	7,100	655	6,445	1.5	0	0	0	268.0	318.0	\$158	\$106	\$73	\$337	\$149,497	0.05
WAUSHARA	343.69	9.06	8.5	0	4	0	0	4,086	238	3,848	0.7	0	0	0	18.0	159.0	\$74	\$46	\$34	\$154	\$52,914	0.08
Region Total	--	--	--	--	--	--	--	123,644	19,183	104,461	--	0	0	518	--	--	--	--	--	--	\$4,389,985	
Region Average	42.14	27.0		3.9	14.2	4.7	5.1	6,869	1,066	5,803	3.2	0	0	29	501.2	442.3	\$338	\$219	\$138	\$695	\$243,888	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		
MANITOWOC	419.96	22.09	23.1	17	8	2	0	8,700	2,674	6,026	6.4	0	0	105	1237.0	663.0	\$588	\$407	\$222	\$1,218	\$511,472	0.29
OUTAGAMIE	567.52	36.50	26.5	0	10	9	1	11,682	2,183	9,499	3.8	0	0	0	1259.0	1090.0	\$425	\$278	\$268	\$971	\$551,269	0.11
DOOR	267.29	42.21	38.2	5	14	11	1	4,988	1,048	3,940	3.9	0	0	48	267.0	589.0	\$381	\$288	\$227	\$897	\$239,659	0.09
KEWAUNEE	126.39	43.68	40.1	1	11	9	5	1,770	429	1,341	3.4	0	0	210	168.0	178.0	\$372	\$246	\$172	\$790	\$99,648	0.08
MARINETTE	414.39	45.09	32.2	15	16	5	3	9,050	1,854	7,196	4.5	0	0	0	405.0	610.0	\$392	\$209	\$163	\$764	\$316,701	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
CALUMET	219.46	26.58	16.1	7	8	7	2	2,625	526	2,099	2.4	0	0	0	363.0	178.0	\$241	\$190	\$139	\$570	\$125,121	0.09
WINNEBAGO	688.27	16.99	21.0	6	5	6	0	11,886	1,633	10,253	2.4	0	18	20	616.0	958.0	\$225	\$179	\$150	\$554	\$381,022	0.14
FOND DU LAC	611.86	20.90	15.1	2	8	0	2	11,240	1,418	9,822	2.3	0	0	0	290.0	725.0	\$235	\$127	\$120	\$482	\$294,659	0.11
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
OCONTO	481.73	21.67	8.5	8	7	5	2	7,241	508	6,733	1.1	0	0	0	148.0	414.0	\$109	\$96	\$77	\$282	\$135,887	0.05
Region Total	--	--	--	--	--	--	--	99,954	15,998	83,956	--	0	18	383	--	--	--	--	--	--	\$3,497,719	
Region Average	29.66	23.6		8.7	9.7	5.5	2.0	9,087	1,454	7,632	3.2	0	2	35	538.9	684.2	\$310	\$218	\$165	\$694	\$317,974	0.11

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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	51.08	26.8	23	21	9	6	10,432	2,406	8,026	5.2	0	0	0	1235.0	436.0	\$427	\$287	\$163	\$877	\$408,422	0.10
BAYFIELD	345.31	54.41	29.7	3	20	11	2	7,541	1,305	6,236	3.8	0	0	14	799.0	324.0	\$360	\$296	\$173	\$828	\$286,030	0.07
JACKSON	520.32	28.76	19.6	9	9	10	7	11,703	2,191	9,512	4.2	0	0	0	613.0	582.0	\$450	\$200	\$120	\$770	\$400,733	0.15
CLARK	401.81	24.23	14.1	4	9	6	2	7,260	1,587	5,673	3.9	0	0	3	306.0	453.0	\$452	\$169	\$104	\$724	\$291,106	0.16
DUNN	521.2	36.40	18.2	3	16	3	1	13,635	2,107	11,528	4.0	0	0	0	352.0	600.0	\$398	\$161	\$125	\$684	\$356,342	0.11
BARRON	428.61	36.31	10.0	3	12	9	8	7,000	1,272	5,728	3.0	0	0	83	538.0	543.0	\$273	\$209	\$160	\$641	\$274,925	0.08
PEPIN	109.41	26.15	13.9	6	10	2	3	1,202	163	1,039	1.5	0	0	0	176.0	163.0	\$161	\$264	\$169	\$594	\$64,939	0.06
WASHBURN	385.68	34.48	10.2	12	14	2	4	7,845	1,127	6,718	2.9	0	0	0	355.0	385.0	\$272	\$172	\$121	\$565	\$218,055	0.08
TAYLOR	232.44	34.70	18.0	2	15	3	5	4,338	470	3,868	2.0	0	0	0	128.0	234.0	\$272	\$130	\$89	\$491	\$114,169	0.06
CHIPPEWA	653.17	27.37	12.1	4	10	3	2	13,874	1,320	12,554	2.0	0	0	19	224.0	955.0	\$208	\$154	\$117	\$479	\$312,606	0.07
RUSK	213.1	39.20	13.2	5	11	5	8	3,249	435	2,814	2.0	0	0	0	188.0	163.0	\$208	\$141	\$96	\$445	\$94,777	0.05
ASHLAND	255.69	25.29	16.3	6	9	2	4	4,475	538	3,937	2.1	0	0	0	187.0	167.0	\$236	\$121	\$81	\$437	\$111,706	0.08
SAWYER	357.2	38.52	14.3	0	13	9	3	5,750	798	4,952	2.2	0	0	0	353.0	272.0	\$210	\$132	\$92	\$435	\$155,206	0.06
EAU CLAIRE	531.32	17.50	6.0	3	8	1	1	11,842	1,120	10,722	2.1	0	0	0	692.0	44.0	\$233	\$114	\$70	\$417	\$221,768	0.12
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
BURNETT	235.35	25.49	8.1	6	9	3	7	3,715	521	3,194	2.2	0	0	0	121.0	172.0	\$221	\$111	\$68	\$400	\$94,136	0.09
PIERCE	368.08	22.80	13.6	0	10	1	2	6,425	780	5,645	2.1	0	0	0	151.0	304.0	\$202	\$92	\$78	\$373	\$137,388	0.09
TREMPEALEAU	420.25	13.14	5.0	1	3	8	0	9,261	833	8,428	2.0	0	0	0	207.0	237.0	\$197	\$84	\$68	\$349	\$146,505	0.15
POLK	374.54	24.33	12.0	8	7	8	0	9,074	699	8,375	1.9	0	0	3	204.0	240.0	\$177	\$98	\$68	\$342	\$128,248	0.08
BUFFALO	311.87	29.77	8.6	6	12	2	4	3,478	540	2,938	1.7	0	0	0	288.0	103.0	\$178	\$100	\$58	\$335	\$104,608	0.06
Region Total	--	--	--	--	--	--	--	158,585	21,486	137,099	--	0	0	122	--	--	--	--	--	--	\$4,186,128	
Region Average	30.58	13.9		5.3	11.3	5.0	3.6	7,929	1,074	6,855	2.6	0	0	6	361.9	355.0	\$266	\$158	\$106	\$530	\$209,306	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	29.96	24.8	3	7	0	2	55,265	11,760	43,505	7.5	0	0	0	2599.0	4703.0	\$589	\$362	\$439	\$1,391	\$2,190,167	0.25
WASHINGTON	591.04	45.78	39.3	11	12	9	3	16,230	3,610	12,620	6.1	0	0	0	1097.0	1450.0	\$557	\$362	\$275	\$1,195	\$706,234	0.13
OZAUKEE	321.1	26.44	27.0	8	7	3	3	9,951	1,201	8,750	3.7	0	0	0	399.0	469.0	\$310	\$232	\$185	\$727	\$233,483	0.14
WAUKESHA	1059.84	24.97	26.0	6	6	1	0	41,600	4,115	37,485	3.9	0	0	8	670.0	1829.0	\$311	\$197	\$177	\$684	\$725,449	0.16
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
KENOSHA	674.4	14.85	1.4	1	7	0	1	13,300	691	12,609	1.0	0	0	0	397.0	270.0	\$82	\$111	\$67	\$260	\$175,293	0.07
RACINE	774.85	15.24	7.1	11	7	0	2	18,000	880	17,120	1.1	0	0	0	210.0	397.0	\$99	\$67	\$61	\$227	\$175,804	0.07
Region Total	--	--	--	--	--	--	--	173,396	23,094	150,302	--	0	0	8	--	--	--	--	--	--	\$4,417,367	
Region Average	24.89	19.4		7.3	7.6	2.4	1.6	24,771	3,299	21,472	3.5	0	0	1	826.3	1357.4	\$298	\$203	\$183	\$684	\$631,052	0.13

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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		
IOWA	457.1	32.00	31.9	9	12	0	2	8,478	2,254	6,224	4.9	0	0	14	921.0	1023.0	\$487	\$327	\$276	\$1,090	\$498,075	0.15
JUNEAU	500.96	30.33	26.7	5	11	4	1	10,569	2,925	7,644	5.8	0	0	0	706.0	877.0	\$635	\$257	\$192	\$1,084	\$543,034	0.19
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
DODGE	667.73	33.82	38.0	11	10	5	1	19,970	3,487	16,483	5.2	0	0	110	987.0	1520.0	\$451	\$338	\$243	\$1,032	\$688,858	0.15
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
MONROE	679.49	31.65	25.7	4	10	4	4	13,755	3,553	10,202	5.2	0	0	0	716.0	1185.0	\$529	\$244	\$157	\$930	\$631,966	0.17
VERNON	469.79	47.23	22.2	7	15	10	2	6,988	2,097	4,891	4.5	0	0	0	648.0	834.0	\$433	\$263	\$166	\$863	\$405,350	0.09
LAFAYETTE	294.51	45.91	32.3	4	17	5	2	3,507	1,151	2,356	3.9	0	0	859	536.0	485.0	\$399	\$272	\$182	\$853	\$251,350	0.09
GRANT	646.92	32.64	36.5	0	9	10	1	10,132	2,719	7,413	4.2	0	0	965	824.0	1015.0	\$414	\$252	\$161	\$827	\$535,050	0.13
JEFFERSON	552.87	36.36	33.2	7	12	7	1	16,157	1,151	15,006	2.1	0	0	173	873.0	1317.0	\$198	\$356	\$258	\$812	\$448,914	0.06
GREEN	311.98	39.07	29.2	5	13	6	1	3,846	743	3,103	2.4	0	0	6	427.0	540.0	\$285	\$266	\$174	\$725	\$226,032	0.06
COLUMBIA	801.13	26.38	10.9	14	8	9	5	24,992	2,901	22,091	3.6	0	0	0	693.0	864.0	\$401	\$175	\$120	\$696	\$557,284	0.14
CRAWFORD	398.22	43.73	32.1	4	11	10	5	5,072	1,242	3,830	3.1	0	0	100	603.0	498.0	\$308	\$221	\$157	\$686	\$273,129	0.07
RICHLAND	321.78	20.62	22.0	4	6	9	2	3,652	813	2,839	2.5	0	0	93	396.0	345.0	\$280	\$189	\$112	\$581	\$187,022	0.12
ROCK	791.89	15.19	7.6	5	7	0	2	15,286	818	14,468	1.0	0	0	0	291.0	794.0	\$98	\$95	\$120	\$312	\$246,914	0.07
Region Total	--	--	--	--	--	--	--	212,255	36,329	175,926	--	0	0	2323	--	--	--	--	--	--	\$7,769,658	
Region Average		32.55	25.8	5.9	10.5	5.4	2.1	14,150	2,422	11,728	3.9	0	0	155	726.7	1086.1	\$395	\$251	\$189	\$835	\$517,977	0.12

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	767,834	116,090	651,744	--	0	18	3354.0	--	--	--	--	--	--	\$24,260,858	--
Statewide Average	33.22	21.8	5.8	11.3	4.8	3.2	10,815	1,635	9,179	3.2	0.0	0.3	47.2	547.5	681.4	\$321	\$207	\$148	\$677	\$341,702	0.10