

Storm Report Summary - Thru Week 11 (1/11/24)

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	33.66	29.0	0	12	3	6	6,813	1,090	5,723	4.5	0	0	3	302.0	270.0	\$498	\$240	\$137	\$876	\$210,571	0.13
MENOMINEE	90.66	29.63	20.2	0	11	5	4	2,365	467	1,898	5.2	0	0	1	120.0	51.0	\$502	\$171	\$85	\$757	\$68,638	0.17
FLORENCE	137.43	32.25	18.3	1	13	2	2	3,735	560	3,175	4.1	0	0	4	185.0	73.0	\$415	\$146	\$87	\$648	\$89,082	0.13
FOREST	314.49	52.36	28.9	1	20	0	7	7,614	1,271	6,343	4.0	0	0	0	334.0	224.0	\$398	\$151	\$90	\$638	\$200,677	0.08
PORTAGE	531.62	34.39	16.7	8	13	3	4	9,000	1,060	7,940	2.0	0	0	0	884.0	660.0	\$208	\$261	\$161	\$629	\$334,255	0.06
MARATHON	905.42	34.86	12.3	9	12	5	4	14,350	2,415	11,935	2.7	0	0	0	835.0	1229.0	\$295	\$194	\$122	\$612	\$553,944	0.08
MARQUETTE	246.61	38.03	20.5	7	13	0	5	4,857	561	4,296	2.3	0	0	0	286.0	254.0	\$273	\$197	\$128	\$598	\$147,411	0.06
ONEIDA	395.39	49.86	24.9	3	14	10	11	10,347	739	9,608	1.9	0	0	14	913.0	347.0	\$195	\$230	\$167	\$593	\$234,328	0.04
ADAMS	202.74	27.42	17.5	4	11	1	2	4,280	512	3,768	2.5	0	0	0	329.0	32.0	\$330	\$146	\$84	\$560	\$113,462	0.09
SHAWANO	530.27	41.57	20.4	3	12	6	5	9,381	1,525	7,856	2.9	0	0	0	561.0	533.0	\$256	\$179	\$115	\$551	\$291,939	0.07
WAUPACA	556.87	33.04	19.7	2	9	7	2	11,200	1,820	9,380	3.3	0	0	0	456.0	536.0	\$283	\$156	\$104	\$543	\$302,277	0.10
PRICE	319.53	33.31	12.7	5	13	2	6	5,925	611	5,314	1.9	0	0	0	404.0	298.0	\$230	\$198	\$114	\$542	\$173,195	0.06
LINCOLN	399.39	41.13	16.3	7	14	3	9	6,729	842	5,887	2.1	0	0	98	518.0	278.0	\$281	\$152	\$106	\$540	\$215,636	0.05
VILAS	307.73	51.69	18.7	2	18	6	9	8,775	638	8,137	2.1	0	0	55	707.0	0.0	\$240	\$202	\$96	\$538	\$165,413	0.04
LANGLADE	300.29	39.83	19.8	4	16	2	5	5,257	582	4,675	1.9	0	0	0	354.0	213.0	\$213	\$160	\$99	\$472	\$141,607	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
GREEN LAKE	154.11	12.55	8.3	0	5	2	1	1,830	146	1,684	0.9	0	0	0	18.0	70.0	\$98	\$46	\$37	\$181	\$27,886	0.08
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	15,732	107,912	--	0	0	175	--	--	--	--	--	--	\$3,472,732	
Region Average	34.57	17.9		3.9	12.3	3.2	4.8	6,869	874	5,995	2.6	0	0	10	416.2	308.1	\$275	\$166	\$102	\$543	\$192,930	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		
OUTAGAMIE	567.52	24.22	15.0	0	9	3	1	11,682	1,600	10,082	2.8	0	0	0	888.0	695.0	\$311	\$182	\$179	\$672	\$381,465	0.12
DOOR	267.29	30.59	21.7	5	12	7	1	4,988	852	4,136	3.2	0	0	0	159.0	434.0	\$312	\$200	\$160	\$671	\$179,411	0.10
BROWN	860.16	25.59	18.3	23	10	1	4	20,338	2,768	17,570	3.2	0	0	0	737.0	1549.0	\$263	\$239	\$167	\$670	\$575,551	0.13
MANITOWOC	419.96	14.48	11.1	17	7	0	0	8,700	1,111	7,589	2.6	0	0	0	726.0	231.0	\$273	\$205	\$107	\$585	\$245,564	0.18
MARINETTE	414.39	37.28	21.2	15	13	5	3	9,050	1,370	7,680	3.3	0	0	0	353.0	407.0	\$298	\$154	\$119	\$572	\$236,838	0.09
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
CALUMET	219.46	24.57	14.1	7	7	6	2	2,625	446	2,179	2.0	0	0	0	279.0	158.0	\$208	\$154	\$114	\$476	\$104,373	0.08
KEWAUNEE	126.39	30.06	23.1	1	9	4	5	1,770	298	1,472	2.4	0	0	0	84.0	84.0	\$254	\$120	\$83	\$457	\$57,731	0.08
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
WINNEBAGO	688.27	8.38	7.0	6	3	3	0	11,886	545	11,341	0.8	0	0	0	171.0	377.0	\$91	\$58	\$54	\$203	\$139,464	0.09
Region Total	--	--	--	--	--	--	--	99,954	11,398	88,556	--	0	0	0	--	--	--	--	--	--	\$2,538,604	
Region Average	23.65	15.6		8.7	8.5	3.5	2.0	9,087	1,036	8,051	2.2	0	0	0	369.8	504.1	\$227	\$150	\$116	\$492	\$230,782	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	41.93	19.7	23	16	7	5	10,432	2,129	8,303	4.6	0	0	0	1031.0	343.0	\$378	\$236	\$133	\$748	\$348,157	0.11
BAYFIELD	345.31	40.58	18.7	3	14	10	2	7,541	1,109	6,432	3.2	0	0	0	602.0	240.0	\$306	\$223	\$129	\$658	\$227,136	0.08
CLARK	401.81	20.47	12.1	4	8	5	2	7,260	1,469	5,791	3.7	0	0	0	226.0	299.0	\$418	\$116	\$71	\$606	\$243,367	0.18
JACKSON	520.32	21.80	12.6	8	8	6	6	11,703	1,563	10,140	3.0	0	0	0	423.0	409.0	\$328	\$141	\$84	\$553	\$287,610	0.14
BARRON	428.61	32.69	8.0	3	11	7	7	7,000	1,198	5,802	2.8	0	0	0	476.0	333.0	\$255	\$154	\$115	\$525	\$224,931	0.09
DUNN	521.2	33.11	15.2	3	15	3	1	13,635	1,587	12,048	3.0	0	0	0	352.0	403.0	\$301	\$128	\$95	\$524	\$272,852	0.09
WASHBURN	385.68	32.45	9.2	12	13	2	4	7,845	1,054	6,791	2.7	0	0	0	355.0	323.0	\$255	\$158	\$109	\$521	\$201,053	0.08
PEPIN	109.41	22.03	9.9	6	9	1	3	1,202	113	1,089	1.0	0	0	0	176.0	88.0	\$115	\$209	\$123	\$447	\$48,925	0.05
TAYLOR	232.44	30.65	15.0	2	14	2	5	4,338	446	3,892	1.9	0	0	0	128.0	175.0	\$257	\$108	\$72	\$438	\$101,788	0.06
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
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
BURNETT	235.35	25.49	8.1	5	9	3	7	3,715	521	3,194	2.2	0	0	0	113.0	172.0	\$220	\$106	\$67	\$393	\$92,551	0.09
RUSK	213.1	26.24	11.0	3	8	5	3	3,249	363	2,886	1.7	0	0	0	140.0	144.0	\$173	\$111	\$79	\$364	\$77,615	0.06
TREMPELEAU	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
SAWYER	357.2	29.88	9.2	0	10	8	3	5,750	637	5,113	1.8	0	0	0	219.0	210.0	\$168	\$93	\$65	\$326	\$116,296	0.06
CHIPPEWA	653.17	20.69	8.1	4	8	2	2	13,874	887	12,987	1.4	0	0	0	179.0	426.0	\$140	\$80	\$58	\$278	\$181,576	0.07
PIERCE	368.08	16.73	7.6	0	7	1	2	6,425	615	5,810	1.7	0	0	0	78.0	206.0	\$159	\$58	\$50	\$267	\$98,386	0.10
SAINT CROIX	653.47	17.36	5.1	1	6	2	2	16,486	897	15,589	1.4	0	0	0	100.0	422.0	\$132	\$72	\$62	\$266	\$173,882	0.08
BUFFALO	311.87	24.61	5.6	5	10	1	4	3,478	347	3,131	1.1	0	0	0	148.0	103.0	\$114	\$62	\$40	\$216	\$67,361	0.05
Region Total	--	--	--	--	--	--	--	158,585	18,125	140,460	--	0	0	3	--	--	--	--	--	--	\$3,371,711	
Region Average		25.85	10.7	5.0	9.7	4.2	3.2	7,929	906	7,023	2.3	0	0	0	301.8	249.2	\$228	\$124	\$82	\$434	\$168,586	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	22.45	11.6	3	6	0	2	55,265	7,286	47,979	4.6	0	0	0	2333.0	2508.0	\$370	\$243	\$277	\$890	\$1,401,495	0.21
WASHINGTON	591.04	33.42	22.3	11	11	5	3	16,230	2,215	14,015	3.7	0	0	0	531.0	874.0	\$345	\$201	\$155	\$702	\$414,842	0.11
OZAUKEE	321.1	18.89	17.0	8	6	1	3	9,951	960	8,991	3.0	0	0	0	291.0	286.0	\$250	\$155	\$121	\$527	\$169,103	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
WAUKESHA	1059.84	9.41	7.0	6	4	1	0	41,600	1,350	40,250	1.3	0	0	0	538.0	479.0	\$105	\$72	\$65	\$242	\$256,608	0.14
RACINE	774.85	13.56	7.1	11	6	0	2	18,000	602	17,398	0.8	0	0	0	210.0	279.0	\$69	\$53	\$47	\$169	\$131,166	0.06
Region Total	--	--	--	--	--	--	--	173,396	13,941	159,455	--	0	0	0	--	--	--	--	--	--	\$2,759,444	
Region Average	18.50	11.0		7.3	6.7	1.6	1.6	24,771	1,992	22,779	2.2	0	0	0	673.1	725.7	\$194	\$132	\$115	\$442	\$394,206	0.12

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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	24.94	15.9	9	11	0	2	8,478	1,463	7,015	3.2	0	0	0	817.0	714.0	\$323	\$248	\$212	\$784	\$358,146	0.13
JUNEAU	500.96	24.02	15.7	5	10	0	1	10,569	2,080	8,489	4.2	0	0	0	465.0	625.0	\$462	\$174	\$133	\$768	\$384,928	0.17
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
MONROE	679.49	25.44	14.7	4	9	2	4	13,755	2,671	11,084	3.9	0	0	0	490.0	870.0	\$402	\$175	\$113	\$690	\$468,909	0.15
DODGE	667.73	25.21	26.0	11	9	2	1	19,970	2,348	17,622	3.5	0	0	0	566.0	938.0	\$307	\$203	\$147	\$657	\$438,574	0.14
VERNON	469.79	36.33	14.2	7	14	5	2	6,988	1,504	5,484	3.2	0	0	0	414.0	569.0	\$315	\$179	\$111	\$604	\$283,757	0.09
GREEN	311.98	30.67	19.2	5	11	3	1	3,846	543	3,303	1.7	0	0	0	282.0	378.0	\$214	\$183	\$119	\$517	\$161,168	0.06
GRANT	646.92	25.11	22.5	0	8	4	1	10,132	1,598	8,534	2.5	0	0	696	444.0	536.0	\$251	\$126	\$86	\$463	\$299,847	0.10
JEFFERSON	552.87	26.94	18.1	7	10	3	1	16,157	443	15,714	0.8	0	0	0	431.0	762.0	\$80	\$194	\$143	\$417	\$230,463	0.03
LAFAYETTE	294.51	28.59	15.3	4	11	2	2	3,507	587	2,920	2.0	0	0	446	217.0	222.0	\$205	\$119	\$79	\$404	\$119,040	0.07
DANE	1665.78	16.32	7.4	7	7	0	1	53,583	2,404	51,179	1.4	0	0	0	689.0	1646.0	\$138	\$112	\$142	\$392	\$653,704	0.09
SAUK	594.09	15.33	7.1	0	6	2	1	16,268	1,178	15,090	2.0	0	0	0	163.0	591.0	\$214	\$88	\$81	\$384	\$227,730	0.13
RICHLAND	321.78	14.09	12.0	4	5	5	2	3,652	511	3,141	1.6	0	0	0	260.0	184.0	\$181	\$113	\$66	\$359	\$115,498	0.11
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
CRAWFORD	398.22	25.44	7.1	4	7	4	5	5,072	388	4,684	1.0	0	0	0	182.0	138.0	\$98	\$70	\$45	\$213	\$85,000	0.04
Region Total	--	--	--	--	--	--	--	212,255	21,437	190,818	--	0	0	1142	--	--	--	--	--	--	\$4,630,962	
Region Average	24.00	14.2		5.7	8.9	2.7	2.1	14,150	1,429	12,721	2.4	0	0	76	426.9	655.4	\$246	\$150	\$114	\$511	\$308,731	0.10

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	767,834	80,633	687,201	--	0	0	1320.0	--	--	--	--	--	--	\$16,773,452	--
Statewide Average	26.60	14.1	5.7	9.7	3.3	3.0	10,815	1,136	9,679	2.4	0.0	0.0	18.6	404.4	436.4	\$240	\$145	\$102	\$487	\$236,246	0.09