

Storm Report Summary - Thru Week 10 (1/4/24)

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	26.68	25.0	0	9	3	4	6,813	869	5,944	3.6	0	0	3	261.0	214.0	\$397	\$205	\$113	\$715	\$171,960	0.14
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
MENOMINEE	90.66	17.40	10.0	0	6	5	3	2,365	266	2,099	2.9	0	0	1	59.0	42.0	\$286	\$100	\$53	\$439	\$39,762	0.17
ONEIDA	395.39	38.46	15.9	2	10	10	7	10,347	499	9,848	1.3	0	0	14	620.0	262.0	\$129	\$153	\$118	\$400	\$158,137	0.03
PRICE	319.53	25.00	5.9	3	9	2	5	5,925	470	5,455	1.5	0	0	0	287.0	179.0	\$171	\$131	\$74	\$376	\$120,302	0.06
FOREST	314.49	41.55	18.9	1	15	0	7	7,614	732	6,882	2.3	0	0	0	187.0	118.0	\$230	\$83	\$49	\$362	\$113,971	0.06
LINCOLN	399.39	33.40	8.3	7	11	2	7	6,729	523	6,206	1.3	0	0	53	323.0	212.0	\$187	\$101	\$73	\$361	\$144,270	0.04
MARATHON	905.42	24.18	6.5	7	8	3	4	14,350	1,406	12,944	1.6	0	0	0	435.0	785.0	\$173	\$114	\$74	\$360	\$326,321	0.06
MARQUETTE	246.61	26.88	7.5	7	9	0	5	4,857	283	4,574	1.1	0	0	0	140.0	192.0	\$154	\$123	\$82	\$359	\$88,415	0.04
PORTAGE	531.62	25.95	9.7	6	10	0	4	9,000	589	8,411	1.1	0	0	0	352.0	491.0	\$116	\$142	\$93	\$351	\$186,564	0.04
ADAMS	202.74	19.90	8.4	4	8	0	2	4,280	308	3,972	1.5	0	0	0	225.0	0.0	\$199	\$90	\$50	\$339	\$68,810	0.08
FLORENCE	137.43	20.65	9.3	0	9	2	2	3,735	273	3,462	2.0	0	0	2	80.0	39.0	\$199	\$67	\$41	\$307	\$42,155	0.10
LANGLADE	300.29	28.32	12.3	3	11	2	3	5,257	349	4,908	1.2	0	0	0	171.0	174.0	\$127	\$97	\$63	\$287	\$86,164	0.04
SHAWANO	530.27	24.78	10.2	3	7	3	3	9,381	725	8,656	1.4	0	0	0	210.0	369.0	\$127	\$93	\$64	\$284	\$150,719	0.06
WAUPACA	556.87	20.38	9.3	2	5	7	1	11,200	793	10,407	1.4	0	0	0	109.0	313.0	\$124	\$65	\$48	\$237	\$131,780	0.07
WOOD	443.36	10.66	6.5	13	5	1	0	7,100	386	6,714	0.9	0	0	0	195.0	217.0	\$96	\$75	\$51	\$222	\$98,268	0.08
GREEN LAKE	154.11	10.47	6.3	0	4	2	1	1,830	112	1,718	0.7	0	0	0	18.0	53.0	\$75	\$38	\$29	\$142	\$21,912	0.07
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
Region Total	--	--	--	--	--	--	--	123,644	9,394	114,250	--	0	0	128	--	--	--	--	--	--	\$2,152,483	
Region Average	25.18	10.9		3.3	8.7	2.7	3.7	6,869	522	6,347	1.6	0	0	7	244.3	209.3	\$171	\$106	\$66	\$344	\$119,582	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		
DOOR	267.29	19.96	7.2	3	7	6	1	4,988	492	4,496	1.8	0	0	0	52.0	271.0	\$178	\$109	\$90	\$377	\$100,862	0.09
BROWN	860.16	18.91	10.3	22	8	1	2	20,338	1,252	19,086	1.5	0	0	0	273.0	909.0	\$128	\$124	\$89	\$341	\$292,923	0.08
MANITOWOC	419.96	7.53	5.1	16	4	0	0	8,700	517	8,183	1.2	0	0	0	391.0	129.0	\$147	\$111	\$58	\$317	\$133,017	0.16
OUTAGAMIE	567.52	15.19	6.5	0	5	2	1	11,682	794	10,888	1.4	0	0	0	320.0	367.0	\$154	\$75	\$81	\$310	\$175,683	0.09
CALUMET	219.46	18.93	7.1	6	5	5	2	2,625	250	2,375	1.1	0	0	0	144.0	144.0	\$127	\$102	\$80	\$308	\$67,603	0.06
SHEBOYGAN	543.53	13.48	10.1	9	5	5	1	10,434	345	10,089	0.6	0	0	0	169.0	301.0	\$95	\$75	\$61	\$231	\$125,491	0.05
MARINETTE	414.39	20.85	7.2	10	7	3	3	9,050	491	8,559	1.2	0	0	0	126.0	159.0	\$119	\$62	\$45	\$226	\$93,704	0.06
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
KEWAUNEE	126.39	18.73	10.1	1	5	3	4	1,770	97	1,673	0.8	0	0	0	27.0	51.0	\$90	\$56	\$41	\$187	\$23,621	0.04
OCONTO	481.73	13.44	5.9	7	5	4	1	7,241	260	6,981	0.5	0	0	0	130.0	201.0	\$63	\$58	\$43	\$164	\$78,795	0.04
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
Region Total	--	--	--	--	--	--	--	99,954	5,594	94,360	--	0	0	0	--	--	--	--	--	--	\$1,329,310	
Region Average	14.76	7.7	7.3	5.2	2.9	1.4	9,087	509	8,578	1.1	0	0	0	167.7	287.3	\$116	\$79	\$62	\$257	\$120,846	0.08	

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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	29.69	11.6	21	11	6	4	10,432	1,335	9,097	2.9	0	0	0	644.0	262.0	\$237	\$156	\$90	\$483	\$225,047	0.10
DUNN	521.2	26.39	11.2	2	11	3	1	13,635	1,252	12,383	2.4	0	0	0	290.0	333.0	\$237	\$106	\$79	\$421	\$219,513	0.09
BAYFIELD	345.31	25.60	11.1	3	9	9	1	7,541	676	6,865	2.0	0	0	0	406.0	136.0	\$187	\$145	\$82	\$414	\$142,824	0.08
EAU CLAIRE	531.32	16.13	5.8	2	7	1	1	11,842	1,086	10,756	2.0	0	0	0	651.0	44.0	\$222	\$108	\$66	\$395	\$210,126	0.13
CLARK	401.81	13.25	10.0	3	5	4	1	7,260	931	6,329	2.3	0	0	0	106.0	195.0	\$265	\$69	\$42	\$376	\$151,113	0.17
WASHBURN	385.68	20.19	5.7	12	8	2	2	7,845	722	7,123	1.9	0	0	0	277.0	224.0	\$175	\$116	\$80	\$371	\$143,083	0.09
BARRON	428.61	29.17	6.0	3	9	6	5	7,000	839	6,161	2.0	0	0	0	278.0	278.0	\$178	\$107	\$82	\$367	\$157,430	0.07
JACKSON	520.32	16.73	7.6	6	6	5	5	11,703	1,039	10,664	2.0	0	0	0	249.0	312.0	\$212	\$95	\$58	\$365	\$189,662	0.12
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
TAYLOR	232.44	26.65	11.5	2	12	1	5	4,338	340	3,998	1.5	0	0	0	102.0	130.0	\$194	\$82	\$55	\$330	\$76,741	0.05
PEPIN	109.41	18.34	6.9	4	7	1	3	1,202	92	1,110	0.8	0	0	0	116.0	76.0	\$92	\$143	\$92	\$327	\$35,769	0.05
ASHLAND	255.69	21.55	14.3	6	8	2	3	4,475	315	4,160	1.2	0	0	0	187.0	86.0	\$142	\$93	\$58	\$294	\$75,148	0.06
RUSK	213.1	21.56	9.5	3	7	5	2	3,249	264	2,985	1.2	0	0	0	140.0	91.0	\$126	\$90	\$62	\$278	\$59,238	0.06
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
BURNETT	235.35	16.51	6.9	5	6	2	5	3,715	334	3,381	1.4	0	0	0	74.0	125.0	\$143	\$75	\$47	\$265	\$62,398	0.09
SAWYER	357.2	26.37	7.1	0	8	7	3	5,750	482	5,268	1.3	0	0	0	191.0	157.0	\$127	\$77	\$52	\$256	\$91,312	0.05
CHIPPEWA	653.17	19.20	7.1	3	7	2	2	13,874	731	13,143	1.1	0	0	0	161.0	356.0	\$116	\$69	\$49	\$233	\$152,364	0.06
POLK	374.54	15.25	9.0	5	5	4	0	9,074	453	8,621	1.2	0	0	0	170.0	135.0	\$114	\$68	\$45	\$226	\$84,726	0.08
SAINT CROIX	653.47	14.44	4.5	0	4	2	2	16,486	756	15,730	1.2	0	0	0	88.0	344.0	\$109	\$59	\$51	\$220	\$143,670	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	13,442	145,143	--	0	0	0	--	--	--	--	--	--	\$2,532,415	
Region Average	20.57	8.2	4.3	7.5	3.6	2.6	7,929	672	7,257	1.7	0	0	0	228.2	191.5	\$167	\$93	\$62	\$323	\$126,621	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	24.48	9.0	9	8	5	3	16,230	993	15,237	1.7	0	0	0	241.0	463.0	\$155	\$101	\$79	\$335	\$198,239	0.07
MILWAUKEE	1574.67	10.31	4.5	1	3	0	1	55,265	2,063	53,202	1.3	0	0	0	382.0	1564.0	\$105	\$95	\$124	\$325	\$511,636	0.13
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
WAUKESHA	1059.84	7.73	6.0	5	3	1	0	41,600	1,100	40,500	1.0	0	0	0	478.0	355.0	\$83	\$58	\$52	\$194	\$205,596	0.13
OZAUKEE	321.1	8.02	7.0	6	3	1	0	9,951	317	9,634	1.0	0	0	0	101.0	88.0	\$86	\$53	\$39	\$178	\$57,214	0.12
RACINE	774.85	13.56	7.1	6	6	0	2	18,000	602	17,398	0.8	0	0	0	162.0	279.0	\$68	\$48	\$44	\$159	\$123,352	0.06
KENOSHA	674.4	10.46	1.1	0	5	0	1	13,300	423	12,877	0.6	0	0	0	362.0	0.0	\$50	\$73	\$30	\$154	\$103,587	0.06
Region Total	--	--	--	--	--	--	--	173,396	6,335	167,061	--	0	0	0	--	--	--	--	--	--	\$1,410,560	
Region Average	13.07	6.5		5.4	5.0	1.6	1.0	24,771	905	23,866	1.1	0	0	0	305.4	447.6	\$98	\$74	\$63	\$235	\$201,509	0.09

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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		
COLUMBIA	801.13	21.58	5.9	12	6	8	4	24,992	1,656	23,336	2.1	0	0	0	412.0	601.0	\$229	\$114	\$79	\$422	\$338,005	0.10
MONROE	679.49	18.92	7.7	3	7	1	4	13,755	1,657	12,098	2.4	0	0	0	235.0	558.0	\$250	\$103	\$68	\$420	\$285,421	0.13
JUNEAU	500.96	16.49	6.7	3	7	0	1	10,569	1,059	9,510	2.1	0	0	0	237.0	362.0	\$236	\$94	\$74	\$405	\$202,649	0.13
IOWA	457.1	18.34	6.3	7	8	0	2	8,478	635	7,843	1.4	0	0	0	388.0	429.0	\$144	\$128	\$116	\$387	\$177,024	0.08
DODGE	667.73	15.56	14.0	10	6	2	1	19,970	1,178	18,792	1.8	0	0	0	295.0	494.0	\$159	\$106	\$77	\$343	\$228,781	0.11
SAUK	594.09	13.57	6.1	0	5	2	1	16,268	1,034	15,234	1.7	0	0	0	163.0	519.0	\$187	\$79	\$73	\$339	\$201,680	0.13
VERNON	469.79	28.84	6.2	6	12	4	2	6,988	753	6,235	1.6	0	0	0	190.0	379.0	\$160	\$102	\$66	\$329	\$154,499	0.06
ROCK	791.89	15.19	7.6	3	7	0	2	15,286	818	14,468	1.0	0	0	0	233.0	791.0	\$95	\$88	\$115	\$298	\$235,630	0.07
LAFAYETTE	294.51	23.22	8.3	2	9	2	2	3,507	357	3,150	1.2	0	0	266	155.0	149.0	\$125	\$83	\$55	\$262	\$77,265	0.05
DANE	1665.78	12.05	4.8	5	5	0	1	53,583	1,593	51,990	1.0	0	0	0	261.0	1246.0	\$91	\$72	\$96	\$259	\$430,914	0.08
GREEN	311.98	20.50	9.2	4	8	2	1	3,846	245	3,601	0.8	0	0	0	122.0	202.0	\$101	\$89	\$60	\$250	\$77,957	0.04
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
GRANT	646.92	17.72	8.5	0	6	3	1	10,132	665	9,467	1.0	0	0	333	152.0	284.0	\$106	\$59	\$40	\$205	\$132,391	0.06
RICHLAND	321.78	8.37	6.0	3	4	3	1	3,652	254	3,398	0.8	0	0	0	142.0	85.0	\$93	\$57	\$33	\$183	\$58,854	0.09
JEFFERSON	552.87	18.97	8.0	6	7	3	1	16,157	183	15,974	0.3	0	0	0	141.0	350.0	\$36	\$80	\$60	\$177	\$97,630	0.02
Region Total	--	--	--	--	--	--	--	212,255	12,475	199,780	--	0	0	599	--	--	--	--	--	--	\$2,783,699	
Region Average	18.32	7.5		4.5	6.9	2.3	1.9	14,150	832	13,319	1.3	0	0	40	220.5	439.1	\$141	\$88	\$70	\$299	\$185,580	0.08

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	767,834	47,240	720,594	--	0	0	727.0	--	--	--	--	--	--	\$10,208,468	--
Statewide Average	19.63	8.5	4.7	7.1	2.8	2.4	10,815	665	10,149	1.4	0.0	0.0	10.2	228.9	288.4	\$148	\$91	\$65	\$304	\$143,781	0.08