

# Storm Report Summary - Thru Week 11 (1/14/21)

From Winter Storm Reports, 2020-2021

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 \$80 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	249.56	69.88	71.3	0	23	6	9	7,300	1,447	5,853	5.8	0	0	0	359.0	445.0	\$529	\$245	\$160	\$934	\$233,039	0.08
VILAS	307.26	55.56	35.1	2	24	8	14	9,550	1,383	8,167	4.5	0	0	291	730.0	228.0	\$456	\$244	\$148	\$848	\$260,603	0.08
PRICE	320.19	41.14	27.6	8	13	16	6	6,700	1,088	5,612	3.4	0	0	0	631.0	183.0	\$350	\$203	\$110	\$663	\$212,440	0.08
ONEIDA	396.79	57.31	21.8	6	19	7	14	10,450	896	9,554	2.3	0	0	199	1285.0	262.0	\$232	\$240	\$182	\$654	\$259,424	0.04
LINCOLN	405.55	47.48	27.1	7	16	2	8	6,700	952	5,748	2.3	0	0	463	497.0	315.0	\$271	\$159	\$102	\$532	\$215,563	0.05
MARATHON	874.81	32.15	14.4	21	13	14	4	15,400	1,857	13,543	2.1	0	22	11	1108.0	1001.0	\$209	\$163	\$122	\$494	\$432,275	0.07
FLORENCE	141.07	36.56	17.6	4	14	4	6	3,680	458	3,222	3.2	0	0	12	234.0	12.0	\$288	\$137	\$56	\$481	\$67,858	0.09
PORTAGE	577.47	31.30	22.5	9	13	1	5	9,039	1,170	7,869	2.0	0	0	0	1370.0	0.0	\$185	\$184	\$96	\$465	\$268,563	0.06
FOREST	312.38	31.29	17.6	1	15	1	2	7,615	848	6,767	2.7	0	0	0	360.0	184.0	\$242	\$122	\$74	\$438	\$136,900	0.09
SHAWANO	524.17	26.05	19.9	4	12	7	2	10,288	916	9,372	1.7	0	0	0	716.0	270.0	\$136	\$205	\$97	\$437	\$229,265	0.07
MENOMINEE	90.26	16.12	11.0	0	9	3	0	2,350	328	2,022	3.6	0	0	0	70.0	19.0	\$280	\$79	\$43	\$401	\$36,222	0.23
MARQUETTE	245.75	17.76	17.1	6	8	1	2	4,850	415	4,435	1.7	0	0	0	181.0	131.0	\$203	\$95	\$73	\$371	\$91,134	0.10
ADAMS	193.2	24.79	14.2	8	6	1	7	4,300	403	3,897	2.1	0	0	0	227.0	10.0	\$223	\$94	\$50	\$367	\$70,948	0.08
LANGLADE	299.21	44.39	17.1	8	18	5	6	6,450	290	6,160	1.0	0	0	0	401.0	134.0	\$101	\$136	\$81	\$318	\$95,057	0.02
WOOD	429.28	22.47	21.5	11	9	5	2	8,000	627	7,373	1.5	0	0	0	477.0	128.0	\$142	\$93	\$68	\$303	\$130,070	0.06
WAUPACA	549.78	20.88	12.0	5	6	2	4	11,400	1,143	10,257	2.1	0	0	0	384.0	168.0	\$174	\$78	\$51	\$303	\$166,458	0.10
WAUSHARA	345.01	20.26	22.5	0	8	3	2	4,600	530	4,070	1.5	0	0	0	272.0	120.0	\$136	\$91	\$54	\$280	\$96,749	0.08
GREEN LAKE	158.44	21.43	7.1	1	7	4	3	2,148	245	1,903	1.5	0	0	0	68.0	105.0	\$129	\$79	\$64	\$272	\$43,092	0.07
<b>Region Total</b>	--	--	--	--	--	--	--	130,820	14,996	115,824	--	0	22	976	--	--	--	--	--	--	\$3,045,658	
<b>Region Average</b>	34.27	22.1		5.6	12.9	5.0	5.3	7,268	833	6,435	2.5	0	1	54	520.6	206.4	\$238	\$147	\$91	\$476	\$169,203	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		
FOND DU LAC	609.08	17.74	12.0	4	3	9	0	11,080	1,223	9,857	2.0	0	0	0	446.0	504.0	\$183	\$111	\$91	\$384	\$234,163	0.11
BROWN	902.7	19.19	10.7	26	11	0	0	20,996	1,650	19,346	1.8	0	0	0	559.0	861.0	\$150	\$125	\$91	\$365	\$329,775	0.10
OUTAGAMIE	540.63	21.46	6.0	2	4	8	2	11,140	990	10,150	1.8	0	0	0	553.0	298.0	\$155	\$102	\$101	\$358	\$193,670	0.09
WINNEBAGO	655.97	19.82	9.4	9	6	7	1	12,695	1,165	11,530	1.8	0	0	0	568.0	529.0	\$152	\$112	\$88	\$352	\$230,885	0.09
KEWAUNEE	111.35	22.78	15.1	3	7	4	2	1,701	181	1,520	1.6	0	0	12	96.0	37.0	\$158	\$96	\$59	\$312	\$34,775	0.07
MANITOWOC	426.65	19.80	7.7	11	7	1	5	9,115	641	8,474	1.5	0	0	0	237.0	371.0	\$115	\$114	\$73	\$302	\$128,807	0.08
CALUMET	202.44	17.94	9.7	8	9	4	0	2,750	261	2,489	1.3	0	0	0	250.0	74.0	\$101	\$119	\$77	\$297	\$60,093	0.07
OCONTO	469.52	21.87	15.2	6	11	2	0	7,203	637	6,566	1.4	0	0	0	284.0	240.0	\$107	\$84	\$62	\$253	\$118,692	0.06
SHEBOYGAN	528.68	17.88	13.1	14	7	4	0	11,198	617	10,581	1.2	0	0	0	255.0	249.0	\$114	\$75	\$59	\$248	\$131,082	0.07
MARINETTE	436.66	23.22	19.0	10	8	6	0	8,910	711	8,199	1.6	0	0	0	230.0	178.0	\$126	\$68	\$51	\$246	\$107,270	0.07
DOOR	271.88	20.74	9.3	11	7	4	3	4,956	320	4,636	1.2	0	0	0	138.0	87.0	\$100	\$66	\$53	\$219	\$59,440	0.06
<b>Region Total</b>	--	--	--	--	--	--	--	101,744	8,396	93,348	--	0	0	12	--	--	--	--	--	--	\$1,628,652	
<b>Region Average</b>	20.22	11.6		9.5	7.3	4.5	1.2	9,249	763	8,486	1.6	0	0	1	328.7	311.6	\$133	\$97	\$73	\$303	\$148,059	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		
BARRON	428.77	38.45	31.6	6	15	24	2	6,300	2,549	3,751	5.9	0	0	484	1360.0	743.0	\$524	\$345	\$249	\$1,118	\$479,047	0.15
POLK	385.81	58.47	40.3	0	22	7	13	8,365	2,935	5,430	7.6	0	0	329	601.0	676.0	\$671	\$247	\$193	\$1,110	\$428,211	0.13
ASHLAND	245.35	62.24	50.0	5	22	8	13	4,492	1,044	3,448	4.3	0	0	7	501.0	409.0	\$374	\$281	\$190	\$845	\$207,243	0.07
DOUGLAS	465.89	51.24	38.4	16	19	11	6	10,863	2,643	8,220	5.7	0	0	0	1189.0	557.0	\$380	\$251	\$185	\$815	\$379,780	0.11
WASHBURN	372.14	37.74	30.7	5	17	9	6	8,027	2,045	5,982	5.5	0	0	171	631.0	450.0	\$412	\$232	\$155	\$800	\$297,450	0.15
SAINT CROIX	653.71	29.96	32.2	0	12	4	4	16,197	3,626	12,571	5.5	0	0	285	553.0	1225.0	\$424	\$218	\$145	\$787	\$514,194	0.19
BAYFIELD	316.42	53.77	41.1	4	17	17	1	7,890	1,655	6,235	5.2	0	0	0	542.0	409.0	\$377	\$239	\$162	\$779	\$246,453	0.10
TAYLOR	233.9	43.13	14.6	17	16	23	7	4,385	920	3,465	3.9	0	0	5	387.0	264.0	\$415	\$210	\$139	\$764	\$178,734	0.09
DUNN	519.24	38.12	18.9	4	14	8	3	13,291	2,756	10,535	5.3	0	0	125	681.0	543.0	\$426	\$186	\$147	\$758	\$393,660	0.14
PIERCE	369.46	38.57	28.2	0	17	8	3	6,040	1,488	4,552	4.0	0	0	179	636.0	446.0	\$322	\$202	\$158	\$682	\$252,091	0.10
SAWYER	367.44	42.31	38.0	0	17	6	7	6,700	1,720	4,980	4.7	0	0	29	317.0	445.0	\$408	\$154	\$119	\$681	\$250,203	0.11
CHIPPEWA	654.65	28.65	23.7	4	12	7	3	14,522	2,042	12,480	3.1	0	0	193	839.0	937.0	\$272	\$218	\$144	\$633	\$414,558	0.11
PEPIN	112.38	28.84	20.7	7	10	2	5	1,279	251	1,028	2.2	0	0	11	250.0	160.0	\$195	\$241	\$187	\$623	\$70,027	0.08
BURNETT	237.93	39.46	26.5	4	15	5	7	3,301	966	2,335	4.1	0	0	3	204.0	306.0	\$302	\$165	\$112	\$580	\$137,932	0.10
CLARK	402.56	25.56	22.5	4	12	7	4	7,250	1,499	5,751	3.7	0	0	0	229.0	370.0	\$352	\$119	\$81	\$552	\$222,249	0.15
RUSK	213.47	34.23	21.2	0	16	4	5	3,466	653	2,813	3.1	0	0	61	217.0	144.0	\$282	\$124	\$81	\$487	\$103,903	0.09
EAU CLAIRE	540.7	27.87	12.8	4	11	2	3	12,452	1,288	11,164	2.4	0	0	0	690.0	580.0	\$202	\$140	\$117	\$459	\$248,225	0.09
JACKSON	515.44	18.53	12.5	0	7	4	3	11,590	1,058	10,532	2.1	0	0	0	231.0	277.0	\$177	\$162	\$48	\$387	\$199,395	0.11
TREMPEALEAU	443.67	23.01	20.2	3	10	0	5	8,757	1,057	7,700	2.4	0	0	0	275.0	282.0	\$197	\$91	\$68	\$356	\$157,949	0.10
BUFFALO	317.02	23.90	18.1	3	8	5	5	3,301	408	2,893	1.3	0	0	20	251.0	156.0	\$107	\$87	\$59	\$252	\$79,921	0.05
<b>Region Total</b>	--	--	--	--	--	--	--	158,468	32,603	125,865	--	0	0	1902	--	--	--	--	--	--	\$5,261,225	
<b>Region Average</b>	37.20	27.1		4.3	14.5	8.1	5.3	7,923	1,630	6,293	4.1	0	0	95	529.2	469.0	\$341	\$196	\$137	\$673	\$263,061	0.11

Final totals as of Wednesday, January 20, 2021

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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		
WAUKESHA	1110.54	13.64	2.8	11	3	0	4	41,670	441	41,229	0.4	0	0	0	453.0	398.0	\$40	\$56	\$2,665	\$2,760	\$3,065,542	0.03
WASHINGTON	607.17	29.47	21.3	6	8	10	2	16,132	1,565	14,567	2.6	0	0	0	519.0	730.0	\$212	\$147	\$119	\$478	\$290,451	0.09
RACINE	731.45	19.57	15.4	3	8	3	2	17,956	962	16,994	1.3	0	0	0	395.0	760.0	\$105	\$189	\$111	\$405	\$295,952	0.07
OZAUKEE	309.78	13.25	14.0	2	4	0	1	9,951	648	9,303	2.1	0	0	0	171.0	173.0	\$155	\$85	\$69	\$309	\$95,735	0.16
WALWORTH	708.76	12.86	6.9	11	4	1	3	19,491	588	18,903	0.8	0	0	0	365.0	223.0	\$70	\$56	\$48	\$174	\$123,336	0.06
KENOSHA	670.04	5.12	1.7	0	3	0	0	13,860	258	13,602	0.4	0	0	0	78.0	77.0	\$25	\$17	\$14	\$57	\$38,013	0.08
MILWAUKEE	2005.05	3.09	0.1	0	1	1	0	55,324	403	54,921	0.2	0	0	0	0.0	520.0	\$15	\$18	\$24	\$56	\$112,231	0.07
<b>Region Total</b>	--	--	--	--	--	--	--	174,384	4,865	169,519	--	0	0	0	--	--	--	--	--	--	\$4,021,260	
<b>Region Average</b>	13.86	8.9		4.7	4.4	2.1	1.7	24,912	695	24,217	1.1	0	0	0	283.0	411.6	\$89	\$81	\$436	\$606	\$574,466	0.08

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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		
DANE	1666.77	22.26	16.8	5	8	0	3	53,430	6,182	47,248	3.7	0	0	0	787.0	3047.0	\$307	\$171	\$200	\$678	\$1,129,883	0.17
COLUMBIA	795.19	32.77	14.0	26	5	14	3	24,982	2,719	22,263	3.4	0	0	0	899.0	736.0	\$307	\$164	\$111	\$581	\$462,328	0.10
GREEN	314.64	29.76	27.6	7	8	17	3	4,359	618	3,741	2.0	0	0	5	475.0	459.0	\$190	\$220	\$133	\$543	\$170,959	0.07
JUNEAU	496.27	26.23	9.8	11	10	4	3	10,968	1,280	9,688	2.6	0	0	0	519.0	453.0	\$231	\$140	\$113	\$484	\$240,378	0.10
DODGE	638.15	13.69	18.0	18	5	2	1	19,921	1,811	18,110	2.8	0	0	0	445.0	726.0	\$221	\$145	\$113	\$479	\$305,780	0.21
MONROE	666.31	24.45	13.2	8	9	5	2	15,765	1,778	13,987	2.7	0	0	0	532.0	532.0	\$227	\$128	\$80	\$435	\$289,791	0.11
GRANT	624.93	23.94	14.6	1	7	9	2	10,601	1,731	8,870	2.8	0	0	285	539.0	555.0	\$211	\$128	\$85	\$424	\$264,915	0.12
JEFFERSON	549.67	26.13	20.6	5	7	8	4	14,868	685	14,183	1.2	0	0	0	415.0	771.0	\$104	\$172	\$136	\$412	\$226,722	0.05
IOWA	476.71	19.02	19.7	9	6	5	1	8,548	1,113	7,435	2.3	0	0	0	351.0	527.0	\$185	\$125	\$90	\$401	\$191,043	0.12
LAFAYETTE	299.38	20.07	20.1	3	7	3	3	3,586	633	2,953	2.1	0	0	352	134.0	295.0	\$181	\$104	\$73	\$359	\$107,392	0.11
ROCK	805.66	13.58	16.5	1	4	1	1	16,922	1,309	15,613	1.6	0	0	0	359.0	711.0	\$141	\$104	\$81	\$327	\$263,142	0.12
VERNON	477.82	18.30	9.0	14	7	6	1	8,179	735	7,444	1.5	0	0	0	287.0	387.0	\$130	\$109	\$66	\$305	\$145,609	0.08
RICHLAND	327.64	13.51	11.0	8	4	6	1	3,867	386	3,481	1.2	0	0	0	308.0	217.0	\$112	\$108	\$75	\$295	\$96,657	0.09
CRAWFORD	397.19	20.01	10.0	12	4	8	2	5,572	563	5,009	1.4	0	0	9	296.0	219.0	\$119	\$92	\$63	\$273	\$108,609	0.07
SAUK	625.18	5.93	4.0	5	2	2	0	16,237	428	15,809	0.7	0	0	0	45.0	197.0	\$66	\$31	\$21	\$118	\$73,479	0.12
LA CROSSE	500.84	5.61	5.0	4	2	0	2	10,010	130	9,880	0.3	0	0	0	176.0	66.0	\$33	\$38	\$24	\$94	\$47,083	0.05
<b>Region Total</b>	--	--	--	--	--	--	--	227,815	22,101	205,714	--	0	0	651	--	--	--	--	--	--	\$4,123,771	
<b>Region Average</b>	19.70	14.4		8.6	5.9	5.6	2.0	14,238	1,381	12,857	2.0	0	0	41	410.4	618.6	\$173	\$124	\$91	\$388	\$257,736	0.10

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From Winter Storm Reports, 2020-2021

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 \$80 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		
<b>Statewide Total</b>	--	--	--	--	--	--	793,231	82,961	710,270	--	0	22	3541.0	--	--	--	--	--	--	\$18,080,566	--
<b>Statewide Average</b>	27.72	18.9	6.4	10.1	5.6	3.6	11,017	1,152	9,865	2.6	0.0	0.3	49.2	446.1	407.0	\$222	\$141	\$135	\$497	\$251,119	0.09