

Storm Report Summary - Thru Week 12 (1/21/21)

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	80.24	77.3	0	26	7	11	7,300	1,819	5,481	7.3	0	0	0	457.0	527.0	\$666	\$299	\$195	\$1,160	\$289,374	0.09
VILAS	307.26	75.67	41.6	2	31	10	19	9,550	1,724	7,826	5.6	0	0	326	919.0	280.0	\$565	\$304	\$185	\$1,055	\$324,041	0.07
PRICE	320.19	66.34	32.0	9	21	16	13	6,700	1,398	5,302	4.4	0	0	0	773.0	283.0	\$450	\$264	\$145	\$860	\$275,350	0.07
ONEIDA	396.79	72.26	23.6	6	23	7	18	10,450	1,150	9,300	2.9	0	0	199	1505.0	365.0	\$292	\$289	\$223	\$803	\$318,404	0.04
LINCOLN	405.55	61.62	29.7	8	19	2	12	6,700	1,248	5,452	3.1	0	0	479	572.0	403.0	\$344	\$191	\$123	\$658	\$266,818	0.05
PORTAGE	577.47	42.30	27.0	9	17	2	6	9,039	1,504	7,535	2.6	0	0	0	1851.0	0.0	\$237	\$251	\$130	\$617	\$356,455	0.06
FLORENCE	141.07	43.42	19.7	4	16	4	8	3,680	591	3,089	4.2	0	0	12	258.0	35.0	\$371	\$163	\$69	\$603	\$85,130	0.10
MARATHON	874.81	43.40	17.5	22	16	15	7	15,400	2,312	13,088	2.6	0	22	12	1309.0	1178.0	\$258	\$194	\$144	\$596	\$521,597	0.06
FOREST	312.38	40.56	21.7	1	19	1	3	7,615	1,117	6,498	3.6	0	0	0	472.0	274.0	\$318	\$166	\$102	\$587	\$183,216	0.09
SHAWANO	524.17	31.98	24.5	4	15	7	4	10,288	1,166	9,122	2.2	0	0	0	899.0	360.0	\$172	\$260	\$125	\$557	\$292,068	0.07
ADAMS	193.2	35.60	18.2	9	9	6	9	4,300	626	3,674	3.2	0	0	0	317.0	35.0	\$338	\$140	\$77	\$556	\$107,349	0.09
MARQUETTE	245.75	32.44	21.9	6	14	1	5	4,850	629	4,221	2.6	0	0	0	249.0	201.0	\$288	\$135	\$106	\$529	\$129,999	0.08
MENOMINEE	90.26	19.25	13.5	0	11	4	0	2,350	405	1,945	4.5	0	0	0	83.0	19.0	\$345	\$90	\$48	\$484	\$43,694	0.23
LANGLADE	299.21	57.25	21.2	9	22	6	8	6,450	391	6,059	1.3	0	0	5	459.0	216.0	\$132	\$172	\$106	\$410	\$122,583	0.02
WAUPACA	549.78	27.14	16.0	5	9	3	5	11,400	1,485	9,915	2.7	0	0	0	481.0	250.0	\$224	\$116	\$69	\$409	\$224,698	0.10
GREEN LAKE	158.44	32.57	13.2	1	11	5	6	2,148	373	1,775	2.4	0	0	0	105.0	141.0	\$196	\$109	\$90	\$395	\$62,651	0.07
WAUSHARA	345.01	29.52	26.3	0	11	5	2	4,600	703	3,897	2.0	0	0	0	382.0	144.0	\$180	\$122	\$71	\$373	\$128,711	0.07
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
Region Total	--	--	--	--	--	--	--	130,820	19,268	111,552	--	0	22	1033	--	--	--	--	--	--	\$3,862,206	
Region Average	45.22	25.9		5.9	16.6	5.9	7.7	7,268	1,070	6,197	3.3	0	1	57	642.7	268.8	\$307	\$187	\$115	\$609	\$214,567	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	24.73	17.0	4	6	11	2	11,080	2,028	9,052	3.3	0	0	0	577.0	949.0	\$296	\$176	\$152	\$623	\$379,555	0.13
OUTAGAMIE	540.63	28.73	8.5	2	7	8	4	11,140	1,295	9,845	2.4	0	0	0	733.0	460.0	\$202	\$135	\$144	\$481	\$259,971	0.08
WINNEBAGO	655.97	28.23	12.5	11	8	10	2	12,695	1,464	11,231	2.2	0	0	0	751.0	704.0	\$195	\$150	\$116	\$461	\$302,233	0.08
MANITOWOC	426.65	23.48	7.9	12	9	1	5	9,115	921	8,194	2.2	0	0	0	329.0	537.0	\$160	\$162	\$104	\$426	\$181,836	0.09
CALUMET	202.44	22.28	11.4	9	12	5	0	2,750	386	2,364	1.9	0	0	0	311.0	106.0	\$147	\$151	\$100	\$397	\$80,406	0.09
KEWAUNEE	111.35	29.23	18.1	3	10	4	3	1,701	220	1,481	2.0	0	0	12	106.0	48.0	\$187	\$111	\$70	\$367	\$40,832	0.07
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
MARINETTE	436.66	31.00	24.0	18	11	8	1	8,910	991	7,919	2.3	0	0	0	341.0	248.0	\$179	\$101	\$74	\$353	\$154,308	0.07
OCONTO	469.52	30.35	17.7	9	13	3	2	7,203	863	6,340	1.8	0	0	0	404.0	306.0	\$145	\$112	\$83	\$340	\$159,729	0.06
DOOR	271.88	28.23	9.7	12	11	4	4	4,956	499	4,457	1.8	0	0	0	163.0	132.0	\$149	\$87	\$71	\$307	\$83,433	0.07
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
Region Total	--	--	--	--	--	--	--	101,744	10,934	90,810	--	0	0	12	--	--	--	--	--	--	\$2,103,161	
Region Average		25.76	13.7	10.9	9.5	5.3	2.1	9,249	994	8,255	2.1	0	0	1	411.7	418.2	\$175	\$126	\$97	\$397	\$191,196	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	48.56	35.6	7	19	26	4	6,300	3,042	3,258	7.1	0	0	485	1637.0	832.0	\$622	\$406	\$290	\$1,319	\$565,131	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
BAYFIELD	316.42	65.21	47.1	4	20	19	3	7,890	2,161	5,729	6.8	0	0	0	716.0	519.0	\$495	\$311	\$210	\$1,016	\$321,090	0.10
DOUGLAS	465.89	58.54	40.5	16	21	15	7	10,863	3,299	7,564	7.1	0	0	0	1393.0	670.0	\$473	\$297	\$219	\$989	\$460,749	0.12
SAINT CROIX	653.71	39.76	37.7	0	15	6	5	16,197	4,423	11,774	6.8	0	0	288	829.0	1434.0	\$516	\$277	\$181	\$974	\$636,891	0.17
WASHBURN	372.14	47.23	33.3	5	20	11	9	8,027	2,508	5,519	6.7	0	0	171	720.0	581.0	\$503	\$280	\$190	\$973	\$361,827	0.14
TAYLOR	233.9	59.40	18.0	17	22	25	11	4,385	1,174	3,211	5.0	0	0	5	433.0	347.0	\$529	\$250	\$170	\$948	\$221,761	0.08
DUNN	519.24	45.70	22.1	4	17	9	3	13,291	3,407	9,884	6.6	0	0	125	805.0	660.0	\$525	\$227	\$176	\$928	\$482,068	0.14
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
SAWYER	367.44	51.63	45.5	0	21	6	11	6,700	2,130	4,570	5.8	0	0	29	400.0	538.0	\$505	\$188	\$146	\$839	\$308,375	0.11
PIERCE	369.46	45.31	32.2	0	19	11	4	6,040	1,851	4,189	5.0	0	0	197	780.0	515.0	\$400	\$242	\$187	\$829	\$306,264	0.11
PEPIN	112.38	36.25	25.2	7	13	3	6	1,279	312	967	2.8	0	0	11	265.0	222.0	\$240	\$293	\$228	\$761	\$85,506	0.08
CLARK	402.56	28.19	23.0	4	13	12	4	7,250	2,034	5,216	5.1	0	0	0	353.0	487.0	\$477	\$160	\$112	\$749	\$301,368	0.18
BURNETT	237.93	46.95	28.0	5	18	6	8	3,301	1,148	2,153	4.8	0	0	3	237.0	378.0	\$358	\$199	\$136	\$694	\$165,081	0.10
RUSK	213.47	48.36	25.8	0	21	4	9	3,466	886	2,580	4.2	0	0	61	270.0	193.0	\$380	\$161	\$104	\$646	\$137,895	0.09
EAU CLAIRE	540.7	36.72	14.6	4	15	2	4	12,452	1,846	10,606	3.4	0	0	0	918.0	938.0	\$288	\$173	\$175	\$636	\$343,862	0.09
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
JACKSON	515.44	28.77	16.0	0	10	6	5	11,590	1,610	9,980	3.1	0	0	0	338.0	424.0	\$270	\$199	\$72	\$541	\$278,801	0.11
TREMPEALEAU	443.67	30.13	23.3	3	13	0	7	8,757	1,407	7,350	3.2	0	0	0	320.0	385.0	\$262	\$114	\$87	\$463	\$205,512	0.11
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
Region Total	--	--	--	--	--	--	--	158,468	39,667	118,801	--	0	0	1924	--	--	--	--	--	--	\$6,312,114	
Region Average	44.50	30.0		4.4	17.1	9.4	6.7	7,923	1,983	5,940	5.0	0	0	96	630.3	565.1	\$413	\$230	\$163	\$807	\$315,606	0.11

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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	607.17	37.36	26.1	6	12	10	2	16,132	2,095	14,037	3.5	0	0	0	580.0	1053.0	\$283	\$192	\$160	\$635	\$385,315	0.09
RACINE	731.45	21.99	16.2	4	9	3	2	17,956	1,067	16,889	1.5	0	0	0	439.0	866.0	\$117	\$221	\$126	\$464	\$339,046	0.07
OZAUKEE	309.78	22.96	17.1	3	7	0	4	9,951	971	8,980	3.1	0	0	0	230.0	247.0	\$232	\$120	\$96	\$448	\$138,805	0.14
MILWAUKEE	2005.05	15.11	7.7	1	3	3	0	55,324	4,807	50,517	2.4	0	0	0	1124.0	1866.0	\$179	\$101	\$119	\$399	\$799,388	0.16
WALWORTH	708.76	16.54	15.4	11	5	1	3	19,491	1,296	18,195	1.8	0	0	0	482.0	476.0	\$143	\$93	\$82	\$318	\$225,487	0.11
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	\$47	\$142	\$158,072	0.03
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
Region Total	--	--	--	--	--	--	--	174,384	10,935	163,449	--	0	0	0	--	--	--	--	--	--	\$2,084,127	
Region Average	18.96	12.4		5.1	6.0	2.4	2.1	24,912	1,562	23,350	1.9	0	0	0	483.7	711.9	\$146	\$114	\$92	\$352	\$297,732	0.10

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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	795.19	43.91	20.5	28	8	16	4	24,982	4,038	20,944	5.1	0	0	15	1224.0	1113.0	\$456	\$234	\$160	\$850	\$675,576	0.12
DODGE	638.15	24.12	25.0	18	9	4	1	19,921	3,197	16,724	5.0	0	0	0	679.0	1378.0	\$385	\$256	\$203	\$844	\$538,635	0.21
GREEN	314.64	44.05	32.6	7	13	20	6	4,359	885	3,474	2.8	0	0	20	659.0	697.0	\$269	\$324	\$195	\$788	\$248,036	0.06
DANE	1666.77	31.02	17.0	7	10	0	5	53,430	6,634	46,796	4.0	0	0	0	1172.0	3577.0	\$330	\$211	\$244	\$784	\$1,307,263	0.13
JUNEAU	496.27	39.73	14.4	11	14	6	4	10,968	2,006	8,962	4.0	0	0	0	767.0	762.0	\$352	\$221	\$180	\$754	\$373,951	0.10
MONROE	666.31	37.93	19.4	8	13	6	5	15,765	2,908	12,857	4.4	0	0	0	710.0	856.0	\$365	\$182	\$119	\$666	\$443,707	0.12
GRANT	624.93	34.95	20.8	1	11	11	3	10,601	2,708	7,893	4.3	0	0	517	710.0	883.0	\$332	\$189	\$126	\$646	\$404,005	0.12
LAFAYETTE	299.38	33.78	29.4	3	12	4	7	3,586	1,067	2,519	3.6	0	0	656	232.0	506.0	\$309	\$183	\$125	\$617	\$184,641	0.11
JEFFERSON	549.67	41.46	29.2	5	13	9	5	14,868	924	13,944	1.7	0	0	0	562.0	1214.0	\$140	\$258	\$206	\$604	\$332,004	0.04
IOWA	476.71	36.98	25.4	9	12	8	3	8,548	1,623	6,925	3.4	0	0	0	526.0	829.0	\$267	\$196	\$140	\$603	\$287,675	0.09
VERNON	477.82	36.59	19.2	15	13	8	3	8,179	1,283	6,896	2.7	0	0	0	460.0	649.0	\$223	\$175	\$109	\$507	\$242,133	0.07
CRAWFORD	397.19	30.86	15.1	12	7	10	3	5,572	898	4,674	2.3	0	0	30	422.0	347.0	\$187	\$139	\$94	\$420	\$166,835	0.07
RICHLAND	327.64	21.95	16.0	8	7	8	1	3,867	588	3,279	1.8	0	0	0	364.0	326.0	\$165	\$145	\$101	\$411	\$134,580	0.08
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
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
Region Total	--	--	--	--	--	--	--	227,815	30,626	197,189	--	0	0	1238	--	--	--	--	--	--	\$5,722,745	
Region Average		30.15	19.3	8.9	9.4	7.1	3.3	14,238	1,914	12,324	3.0	0	0	77	566.7	881.9	\$251	\$180	\$133	\$565	\$357,672	0.10

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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.	Total Salt Used	Total Salt Remain.	Salt Used per LM	Total Thaw-Rox	Total Clear-Lane	Total Sand Used	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	Inci-dent		(tons)	(tons)	(tons)	(tons)	(tons)	(tons)	(CY)			Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	793,231	111,430	681,801	--	0	22	4207.0	--	--	--	--	--	--	\$20,084,353	--
Statewide Average	36.15	22.4	6.8	13.0	6.7	5.0	11,017	1,548	9,469	3.4	0.0	0.3	58.4	571.6	553.3	\$288	\$181	\$127	\$597	\$278,949	0.10