

Storm Report Summary - Thru Week 14 (2/4/21)

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	90.94	84.8	0	31	8	11	7,300	2,012	5,288	8.1	0	0	0	567.0	579.0	\$736	\$349	\$224	\$1,310	\$326,855	0.09
VILAS	307.26	84.79	47.1	2	34	12	19	9,550	1,975	7,575	6.4	0	0	432	1085.0	280.0	\$650	\$346	\$208	\$1,204	\$369,882	0.08
PRICE	320.19	84.33	50.7	10	28	16	14	6,700	1,941	4,759	6.1	0	0	0	933.0	522.0	\$619	\$364	\$208	\$1,191	\$381,350	0.07
MARATHON	874.81	56.03	32.5	25	19	18	8	15,400	3,810	11,590	4.4	0	22	40	1793.0	1857.0	\$427	\$293	\$214	\$934	\$817,234	0.08
ONEIDA	396.79	78.43	29.6	6	25	9	18	10,450	1,325	9,125	3.3	0	0	202	1557.0	505.0	\$332	\$320	\$251	\$903	\$358,219	0.04
MARQUETTE	245.75	42.54	36.6	8	18	3	6	4,850	940	3,910	3.8	0	0	0	388.0	365.0	\$420	\$224	\$181	\$825	\$202,720	0.09
FLORENCE	141.07	54.60	28.8	4	21	6	9	3,680	781	2,899	5.5	0	0	17	319.0	81.0	\$491	\$216	\$98	\$805	\$113,605	0.10
LINCOLN	405.55	69.86	34.7	10	21	6	13	6,700	1,534	5,166	3.8	0	0	487	670.0	528.0	\$417	\$233	\$153	\$803	\$325,625	0.05
FOREST	312.38	50.23	38.7	1	22	1	3	7,615	1,524	6,091	4.9	0	0	0	544.0	406.0	\$434	\$212	\$134	\$779	\$243,367	0.10
ADAMS	193.2	42.02	26.7	9	12	6	9	4,300	883	3,417	4.6	0	0	0	425.0	35.0	\$467	\$184	\$100	\$750	\$144,887	0.11
PORTAGE	577.47	47.14	33.0	9	19	3	6	9,039	1,781	7,258	3.1	0	0	0	2054.0	0.0	\$280	\$297	\$144	\$721	\$416,342	0.07
MENOMINEE	90.26	27.34	27.0	0	14	6	0	2,350	596	1,754	6.6	0	0	0	130.0	26.0	\$509	\$138	\$73	\$720	\$65,011	0.24
SHAWANO	524.17	37.11	28.6	4	17	8	4	10,288	1,362	8,926	2.6	0	0	0	984.0	480.0	\$201	\$302	\$148	\$651	\$341,156	0.07
WAUPACA	549.78	34.87	23.5	5	12	4	5	11,400	2,200	9,200	4.0	0	0	0	536.0	502.0	\$330	\$159	\$103	\$592	\$325,357	0.11
GREEN LAKE	158.44	42.38	21.2	1	14	7	6	2,148	509	1,639	3.2	0	0	0	150.0	201.0	\$267	\$159	\$129	\$555	\$87,936	0.08
LANGLADE	299.21	63.29	26.7	9	25	7	8	6,450	445	6,005	1.5	0	0	5	475.0	310.0	\$148	\$200	\$127	\$475	\$142,010	0.02
WAUSHARA	345.01	37.94	33.8	0	13	7	2	4,600	852	3,748	2.5	0	0	0	405.0	275.0	\$218	\$158	\$97	\$473	\$163,163	0.07
WOOD	429.28	36.66	26.1	13	14	6	6	8,000	914	7,086	2.1	0	0	0	546.0	243.0	\$206	\$127	\$93	\$426	\$182,691	0.06
Region Total	--	--	--	--	--	--	--	130,820	25,384	105,436	--	0	22	1183	--	--	--	--	--	--	\$5,007,411	
Region Average	54.47	35.0		6.4	19.9	7.4	8.2	7,268	1,410	5,858	4.2	0	1	66	753.4	399.7	\$397	\$238	\$149	\$784	\$278,189	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	36.13	35.0	7	10	11	2	11,080	3,548	7,532	5.8	0	0	0	1054.0	1683.0	\$520	\$322	\$271	\$1,113	\$678,136	0.16
BROWN	902.7	30.83	19.9	31	16	0	0	20,996	3,365	17,631	3.7	0	0	0	909.0	1819.0	\$296	\$240	\$178	\$715	\$644,994	0.12
WINNEBAGO	655.97	35.19	19.5	15	11	12	2	12,695	2,262	10,433	3.4	0	0	0	987.0	1133.0	\$303	\$221	\$173	\$696	\$456,698	0.10
SHEBOYGAN	528.68	36.49	38.1	19	12	14	0	11,198	1,715	9,483	3.2	0	0	0	583.0	774.0	\$317	\$201	\$164	\$682	\$360,410	0.09
CALUMET	202.44	35.80	23.9	13	16	9	0	2,750	636	2,114	3.1	0	0	0	477.0	222.0	\$241	\$256	\$172	\$669	\$135,496	0.09
MANITOWOC	426.65	30.94	17.9	15	12	1	5	9,115	1,614	7,501	3.8	0	0	0	752.0	557.0	\$270	\$234	\$146	\$651	\$277,638	0.12
KEWAUNEE	111.35	39.70	30.1	3	14	5	3	1,701	372	1,329	3.3	0	0	12	125.0	95.0	\$298	\$158	\$104	\$561	\$62,460	0.08
MARINETTE	436.66	38.37	30.1	23	14	10	2	8,910	1,461	7,449	3.3	0	0	0	422.0	403.0	\$261	\$142	\$106	\$509	\$222,294	0.09
OCONTO	469.52	40.81	22.5	12	16	5	3	7,203	1,247	5,956	2.7	0	0	0	563.0	487.0	\$208	\$166	\$124	\$499	\$234,142	0.07
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
DOOR	271.88	39.75	18.2	17	14	6	5	4,956	703	4,253	2.6	0	0	0	225.0	247.0	\$216	\$139	\$116	\$472	\$128,264	0.07
Region Total	--	--	--	--	--	--	--	101,744	18,218	83,526	--	0	0	12	--	--	--	--	--	--	\$3,460,503	
Region Average		35.70	24.0	14.3	12.9	7.4	2.4	9,249	1,656	7,593	3.4	0	0	1	620.9	716.4	\$285	\$201	\$154	\$641	\$314,591	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		
BARRON	428.77	58.85	47.1	8	22	30	6	6,300	3,706	2,594	8.6	0	0	485	1996.0	1005.0	\$754	\$496	\$352	\$1,603	\$687,016	0.15
BAYFIELD	316.42	79.77	60.6	4	26	21	3	7,890	2,668	5,222	8.4	0	0	0	864.0	676.0	\$611	\$388	\$263	\$1,262	\$399,021	0.11
DUNN	519.24	54.96	29.1	5	21	10	3	13,291	4,611	8,680	8.9	0	0	125	883.0	989.0	\$710	\$288	\$233	\$1,230	\$638,718	0.16
TAYLOR	233.9	68.90	31.0	19	25	28	12	4,385	1,511	2,874	6.5	0	0	5	546.0	468.0	\$677	\$327	\$222	\$1,226	\$286,858	0.09
ASHLAND	245.35	83.49	59.3	7	27	13	15	4,492	1,427	3,065	5.8	0	0	7	669.0	610.0	\$513	\$396	\$270	\$1,179	\$289,274	0.07
WASHBURN	372.14	54.21	43.3	6	23	11	10	8,027	3,058	4,969	8.2	0	0	171	827.0	732.0	\$612	\$335	\$229	\$1,177	\$437,800	0.15
SAINT CROIX	653.71	47.21	42.7	1	17	8	6	16,197	5,291	10,906	8.1	0	0	288	857.0	1743.0	\$617	\$318	\$211	\$1,146	\$749,362	0.17
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
PIERCE	369.46	59.91	40.7	2	22	12	8	6,040	2,455	3,585	6.6	0	0	213	892.0	684.0	\$529	\$293	\$232	\$1,053	\$389,174	0.11
PEPIN	112.38	45.73	35.2	8	17	3	8	1,279	422	857	3.8	0	0	11	310.0	305.0	\$323	\$379	\$293	\$994	\$111,753	0.08
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
SAWYER	367.44	56.19	50.5	0	23	7	11	6,700	2,327	4,373	6.3	0	0	29	431.0	598.0	\$551	\$207	\$161	\$920	\$337,920	0.11
CLARK	402.56	34.06	29.0	4	15	13	4	7,250	2,390	4,860	5.9	0	0	0	353.0	626.0	\$561	\$187	\$133	\$881	\$354,738	0.17
BURNETT	237.93	54.11	36.0	6	21	6	9	3,301	1,455	1,846	6.1	0	0	3	293.0	472.0	\$455	\$247	\$170	\$872	\$207,485	0.11
EAU CLAIRE	540.7	41.72	20.0	4	17	2	4	12,452	2,487	9,965	4.6	0	0	0	918.0	1349.0	\$388	\$234	\$221	\$842	\$455,481	0.11
JACKSON	515.44	36.96	29.0	1	13	8	6	11,590	2,587	9,003	5.0	0	0	0	542.0	705.0	\$436	\$271	\$119	\$826	\$425,986	0.14
TREMPEALEAU	443.67	42.54	32.4	3	18	0	10	8,757	2,242	6,515	5.1	0	0	0	433.0	642.0	\$415	\$175	\$135	\$726	\$321,932	0.12
RUSK	213.47	51.03	29.8	0	22	5	9	3,466	962	2,504	4.5	0	0	61	323.0	193.0	\$413	\$178	\$114	\$705	\$150,492	0.09
BUFFALO	317.02	51.06	39.2	5	17	10	9	3,301	1,079	2,222	3.4	0	0	20	552.0	476.0	\$281	\$223	\$153	\$657	\$208,301	0.07
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
Region Total	--	--	--	--	--	--	--	158,468	48,954	109,514	--	0	0	1940	--	--	--	--	--	--	\$7,754,830	
Region Average	53.32	38.0		5.2	20.1	10.8	7.8	7,923	2,448	5,476	6.2	0	0	97	726.1	727.8	\$513	\$285	\$203	\$1,002	\$387,741	0.12

Final totals as of Wednesday, February 10, 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		
WASHINGTON	607.17	53.17	47.1	9	17	15	2	16,132	3,637	12,495	6.0	0	0	0	1148.0	1807.0	\$492	\$349	\$286	\$1,126	\$683,808	0.11
MILWAUKEE	2005.05	30.43	18.3	1	7	4	1	55,324	12,817	42,507	6.4	0	0	0	3060.0	5050.0	\$474	\$247	\$321	\$1,042	\$2,090,082	0.21
OZAUKEE	309.78	32.87	36.1	3	10	0	4	9,951	1,566	8,385	5.1	0	0	0	365.0	481.0	\$374	\$203	\$174	\$751	\$232,539	0.15
WALWORTH	708.76	37.71	28.2	13	12	8	4	19,491	2,992	16,499	4.2	0	0	0	1199.0	1132.0	\$317	\$229	\$200	\$745	\$528,231	0.11
RACINE	731.45	25.21	17.9	11	10	5	2	17,956	1,294	16,662	1.8	0	0	0	708.0	1025.0	\$144	\$323	\$163	\$629	\$459,938	0.07
WAUKESHA	1110.54	15.67	2.8	12	3	0	5	41,670	441	41,229	0.4	0	0	0	485.0	398.0	\$41	\$58	\$48	\$148	\$163,832	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	23,005	151,379	--	0	0	0	--	--	--	--	--	--	\$4,196,443	
Region Average	28.60	21.7		7.0	8.9	4.6	2.6	24,912	3,286	21,626	3.5	0	0	0	1006.1	1424.3	\$267	\$204	\$172	\$643	\$599,492	0.11

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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	50.26	32.1	7	15	0	6	53,430	10,860	42,570	6.5	0	0	0	2241.0	6942.0	\$539	\$406	\$472	\$1,418	\$2,362,910	0.13
DODGE	638.15	37.67	46.0	18	13	6	1	19,921	5,223	14,698	8.2	0	0	0	1099.0	2223.0	\$623	\$414	\$327	\$1,365	\$871,206	0.22
COLUMBIA	795.19	61.42	29.5	32	11	21	5	24,982	6,045	18,937	7.6	0	0	15	1952.0	1719.0	\$682	\$369	\$250	\$1,300	\$1,034,082	0.12
GREEN	314.64	59.82	50.6	7	17	29	8	4,359	1,241	3,118	3.9	0	0	22	1064.0	991.0	\$373	\$497	\$291	\$1,161	\$365,383	0.07
MONROE	666.31	53.38	32.6	10	17	8	9	15,765	4,624	11,141	6.9	0	0	4	1014.0	1373.0	\$576	\$277	\$184	\$1,038	\$691,518	0.13
JUNEAU	496.27	50.01	21.9	12	17	9	5	10,968	2,860	8,108	5.8	0	0	0	945.0	1089.0	\$494	\$295	\$244	\$1,033	\$512,810	0.12
GRANT	624.93	49.91	35.3	1	14	19	4	10,601	3,636	6,965	5.8	0	0	726	1196.0	1352.0	\$446	\$301	\$200	\$947	\$591,809	0.12
IOWA	476.71	50.73	40.9	9	15	12	4	8,548	2,465	6,083	5.2	0	0	19	939.0	1167.0	\$404	\$312	\$213	\$928	\$442,538	0.10
LAFAYETTE	299.38	47.86	50.9	3	16	6	9	3,586	1,475	2,111	4.9	0	0	931	356.0	746.0	\$428	\$276	\$186	\$890	\$266,330	0.10
JEFFERSON	549.67	52.90	46.2	5	16	11	5	14,868	1,316	13,552	2.4	0	0	0	766.0	1797.0	\$199	\$372	\$300	\$870	\$478,318	0.05
VERNON	477.82	54.56	33.2	15	19	10	3	8,179	2,124	6,055	4.4	0	0	0	619.0	1018.0	\$362	\$260	\$163	\$786	\$375,539	0.08
SAUK	625.18	23.39	12.9	13	9	4	1	16,237	2,794	13,443	4.5	0	0	0	623.0	822.0	\$430	\$160	\$115	\$704	\$440,412	0.19
RICHLAND	327.64	35.54	31.0	10	11	12	2	3,867	966	2,901	2.9	0	0	0	610.0	554.0	\$268	\$248	\$170	\$687	\$225,027	0.08
CRAWFORD	397.19	45.68	32.1	13	11	17	4	5,572	1,480	4,092	3.7	0	0	41	674.0	537.0	\$304	\$220	\$148	\$673	\$267,309	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
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	48,548	179,267	--	0	0	1758	--	--	--	--	--	--	\$9,235,415	
Region Average	43.27	32.3		10.0	12.9	10.3	4.3	14,238	3,034	11,204	4.7	0	0	110	914.6	1444.2	\$394	\$284	\$211	\$889	\$577,213	0.11

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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		
Statewide Total	--	--	--	--	--	--	793,231	164,109	629,122	--	0	22	4893.0	--	--	--	--	--	--	\$29,654,602	--
Statewide Average	46.28	32.3	8.1	16.3	8.7	5.8	11,017	2,279	8,738	4.7	0.0	0.3	68.0	786.0	870.9	\$399	\$252	\$181	\$832	\$411,869	0.10