

Storm Report Summary - Thru Week 17 (2/25/21)

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	111.03	103.8	0	38	9	11	7,300	2,438	4,862	9.8	0	0	33	793.0	712.0	\$895	\$455	\$291	\$1,641	\$409,462	0.09
VILAS	307.26	106.65	68.1	2	41	19	22	9,550	2,232	7,318	7.3	0	0	854	1596.0	280.0	\$752	\$472	\$278	\$1,502	\$461,557	0.07
PRICE	320.19	96.31	58.7	10	34	16	14	6,700	2,200	4,500	6.9	0	0	0	1045.0	713.0	\$696	\$440	\$257	\$1,392	\$445,679	0.07
SHAWANO	524.17	55.87	46.5	5	23	18	5	10,288	2,727	7,561	5.2	0	0	256	1874.0	1104.0	\$409	\$621	\$306	\$1,337	\$700,569	0.09
ADAMS	193.2	58.19	43.8	11	17	12	11	4,300	1,602	2,698	8.3	0	0	0	562.0	195.0	\$826	\$303	\$178	\$1,307	\$252,484	0.14
ONEIDA	396.79	98.99	52.4	6	32	11	19	10,450	1,834	8,616	4.6	0	0	691	2327.0	603.0	\$470	\$460	\$350	\$1,280	\$507,719	0.05
LINCOLN	405.55	92.55	54.5	11	28	11	15	6,700	2,331	4,369	5.7	0	0	1031	1202.0	763.0	\$626	\$379	\$246	\$1,251	\$507,103	0.06
MARATHON	874.81	73.05	38.7	25	26	26	9	15,400	4,944	10,456	5.7	0	22	301	2517.0	2438.0	\$551	\$404	\$289	\$1,244	\$1,088,005	0.08
FLORENCE	141.07	71.84	48.8	5	27	11	9	3,680	1,213	2,467	8.6	0	0	138	498.0	99.0	\$774	\$320	\$144	\$1,238	\$174,712	0.12
PORTAGE	577.47	63.57	48.5	10	25	12	9	9,039	2,778	6,261	4.8	0	0	555	3261.0	214.0	\$450	\$494	\$251	\$1,196	\$690,037	0.08
MENOMINEE	90.26	42.07	34.0	0	20	12	0	2,350	900	1,450	10.0	0	0	132	200.0	46.0	\$790	\$218	\$117	\$1,125	\$101,541	0.24
MARQUETTE	245.75	55.57	41.2	8	22	7	6	4,850	1,131	3,719	4.6	0	0	70	577.0	527.0	\$499	\$314	\$264	\$1,077	\$264,757	0.08
WAUPACA	549.78	46.99	32.5	5	15	10	5	11,400	3,691	7,709	6.7	0	0	162	886.0	1042.0	\$561	\$285	\$196	\$1,042	\$572,657	0.14
FOREST	312.38	61.92	49.7	1	28	1	3	7,615	1,912	5,703	6.1	0	0	0	783.0	509.0	\$544	\$294	\$179	\$1,017	\$317,697	0.10
GREEN LAKE	158.44	57.96	32.2	1	18	10	7	2,148	912	1,236	5.8	0	0	0	263.0	340.0	\$478	\$277	\$221	\$976	\$154,652	0.10
WOOD	429.28	56.25	40.6	15	18	10	9	8,000	1,685	6,315	3.9	0	0	56	721.0	606.0	\$380	\$223	\$166	\$768	\$329,813	0.07
WAUSHARA	345.01	56.51	47.6	0	17	14	3	4,600	1,329	3,271	3.9	0	0	20	680.0	451.0	\$341	\$262	\$161	\$764	\$263,689	0.07
LANGLADE	299.21	79.28	46.0	13	31	13	10	6,450	641	5,809	2.1	0	0	59	806.0	452.0	\$213	\$318	\$200	\$730	\$218,472	0.03
Region Total	--	--	--	--	--	--	--	130,820	36,500	94,320	--	0	22	4358	--	--	--	--	--	--	\$7,460,606	
Region Average	71.37	49.3		7.1	25.6	12.3	9.3	7,268	2,028	5,240	6.1	0	1	242	1143.9	616.3	\$570	\$363	\$227	\$1,160	\$414,478	0.09

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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	48.66	43.0	8	14	14	2	11,080	4,341	6,739	7.1	0	0	12	1360.0	2195.0	\$633	\$428	\$352	\$1,413	\$860,853	0.15
SHEBOYGAN	528.68	55.94	54.1	19	17	27	0	11,198	3,328	7,870	6.3	0	0	0	1276.0	1412.0	\$608	\$396	\$318	\$1,322	\$699,017	0.11
WINNEBAGO	655.97	48.04	29.6	15	15	23	2	12,695	4,734	7,961	7.2	0	0	30	1995.0	1784.0	\$607	\$393	\$300	\$1,300	\$852,476	0.15
MANITOWOC	426.65	46.82	28.9	15	17	3	5	9,115	3,438	5,677	8.1	0	0	75	1556.0	897.0	\$551	\$449	\$267	\$1,267	\$540,445	0.17
BROWN	902.7	40.35	30.0	31	20	0	0	20,996	6,190	14,806	6.9	0	0	54	1198.0	2841.0	\$518	\$357	\$268	\$1,142	\$1,031,215	0.17
CALUMET	202.44	49.86	29.9	14	19	22	0	2,750	901	1,849	4.5	0	0	0	826.0	436.0	\$334	\$459	\$315	\$1,108	\$224,298	0.09
KEWAUNEE	111.35	63.78	49.1	4	20	11	4	1,701	651	1,050	5.8	0	0	108	228.0	203.0	\$524	\$310	\$208	\$1,042	\$115,682	0.09
OUTAGAMIE	540.63	41.14	23.5	2	11	10	4	11,140	2,858	8,282	5.3	0	0	0	1319.0	1052.0	\$433	\$282	\$293	\$1,008	\$545,056	0.13
DOOR	271.88	63.69	28.2	19	20	16	5	4,956	1,197	3,759	4.4	0	0	257	444.0	606.0	\$367	\$309	\$265	\$941	\$255,786	0.07
OCONTO	469.52	60.07	37.5	14	22	14	6	7,203	2,373	4,830	5.1	0	0	0	1134.0	818.0	\$387	\$310	\$227	\$924	\$433,736	0.08
MARINETTE	436.66	56.36	48.2	24	20	20	2	8,910	2,623	6,287	6.0	0	0	114	837.0	740.0	\$453	\$263	\$202	\$917	\$400,531	0.11
Region Total	--	--	--	--	--	--	--	101,744	32,634	69,110	--	0	0	650	--	--	--	--	--	--	\$5,959,094	
Region Average	52.25	36.5	36.5	15.0	17.7	14.5	2.7	9,249	2,967	6,283	6.1	0	0	59	1106.6	1180.4	\$492	\$359	\$274	\$1,126	\$541,736	0.12

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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	77.26	51.9	8	27	38	7	6,300	4,217	2,083	9.8	0	0	877	2722.0	1149.0	\$870	\$648	\$447	\$1,965	\$842,351	0.13
DUNN	519.24	72.74	39.4	6	30	10	3	13,291	6,417	6,874	12.4	0	0	261	1375.0	1369.0	\$990	\$410	\$337	\$1,737	\$901,922	0.17
BAYFIELD	316.42	111.20	77.6	4	42	24	3	7,890	3,155	4,735	10.0	0	0	267	1344.0	779.0	\$734	\$536	\$352	\$1,622	\$512,891	0.09
TAYLOR	233.9	88.24	36.3	19	31	38	12	4,385	1,807	2,578	7.7	0	0	59	738.0	624.0	\$813	\$442	\$298	\$1,552	\$363,113	0.09
SAINT CROIX	653.71	62.83	53.0	1	23	11	7	16,197	6,686	9,511	10.2	0	0	666	1380.0	2117.0	\$788	\$428	\$277	\$1,493	\$975,663	0.16
ASHLAND	245.35	102.60	73.3	7	33	18	15	4,492	1,778	2,714	7.2	0	0	76	823.0	753.0	\$642	\$486	\$333	\$1,461	\$358,364	0.07
WASHBURN	372.14	66.49	51.0	6	30	12	10	8,027	3,651	4,376	9.8	0	0	183	1070.0	924.0	\$730	\$429	\$293	\$1,451	\$540,030	0.15
DOUGLAS	465.89	76.59	53.2	16	28	27	7	10,863	4,302	6,561	9.2	0	0	184	2176.0	889.0	\$621	\$446	\$321	\$1,387	\$646,246	0.12
PIERCE	369.46	77.31	44.8	2	28	17	9	6,040	2,855	3,185	7.7	0	0	536	1288.0	820.0	\$627	\$394	\$304	\$1,326	\$489,805	0.10
CLARK	402.56	46.45	40.0	4	18	17	5	7,250	3,400	3,850	8.4	0	0	0	602.0	811.0	\$797	\$271	\$187	\$1,255	\$505,385	0.18
EAU CLAIRE	540.7	52.07	28.0	5	22	2	5	12,452	3,732	8,720	6.9	0	0	16	1307.0	1869.0	\$582	\$341	\$309	\$1,232	\$666,288	0.13
PEPIN	112.38	53.63	38.2	8	19	6	8	1,279	498	781	4.4	0	0	11	380.0	357.0	\$379	\$454	\$350	\$1,183	\$132,932	0.08
SAWYER	367.44	71.64	63.0	0	30	8	13	6,700	2,869	3,831	7.8	0	0	54	664.0	737.0	\$680	\$280	\$215	\$1,175	\$431,696	0.11
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
JACKSON	515.44	44.77	33.5	1	16	10	6	11,590	3,390	8,200	6.6	0	0	0	829.0	877.0	\$571	\$339	\$159	\$1,069	\$550,993	0.15
BURNETT	237.93	64.13	42.3	7	25	8	9	3,301	1,630	1,671	6.9	0	0	10	357.0	542.0	\$510	\$289	\$198	\$998	\$237,390	0.11
RUSK	213.47	62.29	39.8	3	25	9	9	3,466	1,249	2,217	5.9	0	0	99	485.0	264.0	\$538	\$256	\$164	\$958	\$204,503	0.09
TREMPEALEAU	443.67	49.58	38.4	3	22	1	10	8,757	2,929	5,828	6.6	0	0	0	505.0	866.0	\$541	\$226	\$175	\$943	\$418,207	0.13
BUFFALO	317.02	63.34	42.4	5	20	17	9	3,301	1,240	2,061	3.9	0	0	27	711.0	564.0	\$324	\$275	\$188	\$787	\$249,451	0.06
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	60,782	97,686	--	0	0	3848	--	--	--	--	--	--	\$9,869,998	
Region Average	66.51	45.5		5.5	25.2	14.4	8.2	7,923	3,039	4,884	7.6	0	0	192	1009.8	896.2	\$634	\$371	\$262	\$1,267	\$493,500	0.12

Final totals as of Wednesday, March 3, 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		
MILWAUKEE	2005.05	50.55	42.7	1	12	4	1	55,324	24,123	31,201	12.0	0	0	0	5172.0	11122.0	\$893	\$522	\$660	\$2,075	\$4,160,783	0.24
WASHINGTON	607.17	65.56	58.0	10	22	19	2	16,132	5,380	10,752	8.9	0	0	0	1925.0	2584.0	\$726	\$537	\$429	\$1,692	\$1,027,573	0.14
RACINE	731.45	51.98	47.5	13	17	14	2	17,956	3,161	14,795	4.3	0	0	0	1975.0	3627.0	\$343	\$675	\$537	\$1,556	\$1,137,983	0.08
OZAUKEE	309.78	46.27	51.1	4	15	0	4	9,951	2,488	7,463	8.0	0	0	0	719.0	743.0	\$593	\$354	\$293	\$1,240	\$384,135	0.17
WAUKESHA	1110.54	49.56	39.9	17	13	5	9	41,670	7,579	34,091	6.8	0	0	0	3512.0	1852.0	\$536	\$338	\$279	\$1,152	\$1,279,625	0.14
WALWORTH	708.76	52.18	43.2	13	15	16	4	19,491	4,585	14,906	6.5	0	0	0	1895.0	1714.0	\$479	\$353	\$308	\$1,139	\$807,473	0.12
KENOSHA	670.04	9.36	1.8	0	4	0	1	13,860	304	13,556	0.5	0	0	0	107.0	77.0	\$30	\$20	\$16	\$67	\$44,718	0.05
Region Total	--	--	--	--	--	--	--	174,384	47,620	126,764	--	0	0	0	--	--	--	--	--	--	\$8,842,291	
Region Average	46.49	40.6		8.3	14.0	8.3	3.3	24,912	6,803	18,109	6.7	0	0	0	2186.4	3102.7	\$514	\$400	\$360	\$1,275	\$1,263,184	0.13

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				Anti- Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
DANE	1666.77	67.95	48.4	7	21	0	8	53,430	17,367	36,063	10.4	0	0	49	3801.0	11003.0	\$860	\$659	\$757	\$2,277	\$3,795,508	0.15
COLUMBIA	795.19	88.88	41.0	32	14	36	6	24,982	8,941	16,041	11.2	0	0	378	3032.0	2489.0	\$1,015	\$555	\$373	\$1,943	\$1,545,264	0.13
DODGE	638.15	46.99	55.0	18	16	9	1	19,921	6,841	13,080	10.7	0	0	8	1418.0	2843.0	\$812	\$532	\$420	\$1,764	\$1,125,819	0.23
JUNEAU	496.27	66.01	34.9	12	21	15	6	10,968	4,589	6,379	9.2	0	0	394	1437.0	1551.0	\$794	\$434	\$356	\$1,583	\$785,539	0.14
GRANT	624.93	71.71	49.9	1	21	32	5	10,601	5,943	4,658	9.5	0	0	1441	2236.0	2121.0	\$735	\$505	\$336	\$1,576	\$984,855	0.13
GREEN	314.64	74.11	57.0	7	21	38	8	4,359	1,506	2,853	4.8	0	20	142	1394.0	1221.0	\$457	\$637	\$368	\$1,462	\$459,998	0.06
MONROE	666.31	67.20	38.6	11	20	14	9	15,765	6,061	9,704	9.1	0	0	57	1482.0	1805.0	\$755	\$383	\$251	\$1,389	\$925,701	0.14
JEFFERSON	549.67	67.63	58.7	6	21	17	7	14,868	2,073	12,795	3.8	0	0	91	1510.0	2558.0	\$315	\$581	\$463	\$1,359	\$746,740	0.06
IOWA	476.71	62.07	46.4	10	18	18	4	8,548	3,124	5,424	6.6	0	0	96	1364.0	1552.0	\$514	\$430	\$292	\$1,236	\$589,310	0.11
LAFAYETTE	299.38	63.77	61.9	3	21	11	9	3,586	1,948	1,638	6.5	0	0	1278	599.0	1009.0	\$566	\$402	\$267	\$1,235	\$369,759	0.10
VERNON	477.82	67.29	43.2	18	22	16	3	8,179	2,901	5,278	6.1	0	0	0	888.0	1378.0	\$491	\$359	\$225	\$1,075	\$513,720	0.09
RICHLAND	327.64	43.72	36.0	10	14	20	2	3,867	1,355	2,512	4.1	0	0	105	919.0	733.0	\$375	\$354	\$239	\$968	\$317,092	0.09
CRAWFORD	397.19	59.02	36.1	13	15	26	4	5,572	1,850	3,722	4.7	0	0	445	1147.0	694.0	\$396	\$336	\$219	\$951	\$377,254	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
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	11.01	7.0	7	3	1	3	10,010	293	9,717	0.6	0	0	0	211.0	235.0	\$65	\$69	\$48	\$182	\$91,359	0.05
Region Total	--	--	--	--	--	--	--	227,815	68,895	158,920	--	0	20	4484	--	--	--	--	--	--	\$13,331,472	
Region Average	55.90	40.2		10.6	16.3	16.1	4.8	14,238	4,306	9,933	6.5	0	1	280	1401.3	2045.3	\$545	\$406	\$301	\$1,252	\$833,217	0.12

Storm Report Summary - Thru Week 17 (2/25/21)

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.

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	246,431	546,800	--	0	42	13340.0	--	--	--	--	--	--	\$45,463,460	--
Statewide Average	61.24	43.4	8.7	21.1	13.7	6.4	11,017	3,423	7,594	6.7	0.0	0.6	185.3	1259.5	1339.5	\$565	\$378	\$273	\$1,216	\$631,437	0.11