

Storm Report Summary - Thru Week 16 (2/18/21)

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	102.47	96.8	0	34	9	11	7,300	2,297	5,003	9.2	0	0	33	726.0	664.0	\$843	\$421	\$269	\$1,533	\$382,629	0.09
VILAS	307.26	95.37	60.6	2	36	19	20	9,550	2,029	7,521	6.6	0	0	854	1360.0	280.0	\$688	\$414	\$246	\$1,347	\$414,022	0.07
PRICE	320.19	91.82	52.7	10	32	16	14	6,700	2,103	4,597	6.6	0	0	0	987.0	689.0	\$667	\$419	\$245	\$1,331	\$426,200	0.07
ADAMS	193.2	52.18	37.7	9	15	11	10	4,300	1,541	2,759	8.0	0	0	0	516.0	195.0	\$792	\$284	\$169	\$1,245	\$240,536	0.15
SHAWANO	524.17	52.29	43.4	5	21	15	5	10,288	2,480	7,808	4.7	0	0	251	1639.0	1023.0	\$373	\$558	\$275	\$1,206	\$632,068	0.09
ONEIDA	396.79	89.57	42.4	6	28	11	19	10,450	1,549	8,901	3.9	0	0	691	1947.0	579.0	\$403	\$399	\$305	\$1,107	\$439,233	0.04
LINCOLN	405.55	81.43	44.0	10	24	10	13	6,700	1,966	4,734	4.8	0	0	1023	953.0	706.0	\$536	\$320	\$211	\$1,067	\$432,583	0.06
MARATHON	874.81	66.11	34.6	25	22	25	8	15,400	4,028	11,372	4.6	0	22	294	2227.0	2094.0	\$454	\$353	\$251	\$1,059	\$926,031	0.07
FLORENCE	141.07	64.51	41.8	5	23	11	9	3,680	1,003	2,677	7.1	0	0	138	413.0	99.0	\$643	\$281	\$125	\$1,049	\$148,043	0.11
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
PORTAGE	577.47	55.18	43.0	10	22	11	7	9,039	2,362	6,677	4.1	0	0	555	2922.0	136.0	\$386	\$437	\$219	\$1,041	\$601,011	0.07
MARQUETTE	245.75	51.04	39.1	8	20	6	6	4,850	1,050	3,800	4.3	0	0	70	514.0	496.0	\$467	\$287	\$243	\$997	\$245,017	0.08
MENOMINEE	90.26	34.20	31.0	0	16	10	0	2,350	745	1,605	8.3	0	0	132	165.0	46.0	\$658	\$187	\$102	\$947	\$85,435	0.24
GREEN LAKE	158.44	54.52	29.7	1	17	9	7	2,148	849	1,299	5.4	0	0	0	228.0	338.0	\$445	\$260	\$210	\$915	\$144,895	0.10
FOREST	312.38	53.75	40.7	1	24	1	3	7,615	1,647	5,968	5.3	0	0	0	639.0	434.0	\$469	\$244	\$150	\$862	\$269,277	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	47.62	40.8	0	14	12	3	4,600	1,203	3,397	3.5	0	0	20	581.0	385.0	\$309	\$224	\$137	\$670	\$231,287	0.07
LANGLADE	299.21	72.83	37.0	11	28	10	9	6,450	586	5,864	2.0	0	0	59	573.0	434.0	\$194	\$256	\$165	\$615	\$183,874	0.03
Region Total	--	--	--	--	--	--	--	130,820	32,814	98,006	--	0	22	4338	--	--	--	--	--	--	\$6,704,610	
Region Average	64.90	43.8		6.8	22.7	11.4	8.8	7,268	1,823	5,445	5.5	0	1	241	999.8	569.2	\$515	\$325	\$205	\$1,045	\$372,478	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	44.79	40.0	7	13	13	2	11,080	4,013	7,067	6.6	0	0	12	1227.0	2012.0	\$585	\$391	\$322	\$1,298	\$790,359	0.15
MANITOWOC	426.65	42.80	25.9	15	16	2	5	9,115	3,238	5,877	7.6	0	0	75	1405.0	897.0	\$520	\$421	\$253	\$1,194	\$509,287	0.18
WINNEBAGO	655.97	44.93	27.6	15	14	19	2	12,695	4,311	8,384	6.6	0	0	30	1590.0	1706.0	\$553	\$348	\$267	\$1,168	\$766,191	0.15
SHEBOYGAN	528.68	44.78	47.1	19	15	19	0	11,198	2,786	8,412	5.3	0	0	0	906.0	1230.0	\$509	\$315	\$258	\$1,082	\$572,150	0.12
CALUMET	202.44	46.45	26.9	13	18	21	0	2,750	821	1,929	4.1	0	0	0	697.0	436.0	\$305	\$412	\$287	\$1,004	\$203,280	0.09
KEWAUNEE	111.35	57.00	45.1	3	19	9	3	1,701	571	1,130	5.1	0	0	108	183.0	203.0	\$457	\$277	\$190	\$925	\$102,639	0.09
BROWN	902.7	34.15	26.9	31	17	0	0	20,996	4,526	16,470	5.0	0	0	0	1081.0	2241.0	\$387	\$293	\$218	\$898	\$811,033	0.15
MARINETTE	436.66	52.75	44.2	23	19	18	2	8,910	2,499	6,411	5.7	0	0	114	785.0	698.0	\$432	\$245	\$190	\$867	\$378,745	0.11
DOOR	271.88	57.90	23.2	17	17	16	5	4,956	1,011	3,945	3.7	0	0	257	368.0	509.0	\$312	\$258	\$221	\$792	\$215,300	0.06
OCONTO	469.52	53.68	31.0	13	19	13	5	7,203	2,028	5,175	4.3	0	0	0	902.0	763.0	\$332	\$263	\$196	\$791	\$371,499	0.08
OUTAGAMIE	540.63	34.62	16.5	2	8	10	4	11,140	2,040	9,100	3.8	0	0	0	1015.0	842.0	\$312	\$222	\$230	\$764	\$413,100	0.11
Region Total	--	--	--	--	--	--	--	101,744	27,844	73,900	--	0	0	596	--	--	--	--	--	--	\$5,133,582	
Region Average	46.71	32.2	14.4	15.9	12.7	2.5	9,249	2,531	6,718	5.3	0	0	54	923.5	1048.8	\$428	\$313	\$239	\$980	\$466,689	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	68.81	48.6	8	24	35	6	6,300	3,762	2,538	8.8	0	0	792	2396.0	1078.0	\$777	\$579	\$404	\$1,759	\$753,840	0.13
DUNN	519.24	67.68	36.3	5	27	10	3	13,291	5,869	7,422	11.3	0	0	261	1253.0	1263.0	\$906	\$377	\$309	\$1,593	\$826,967	0.17
BAYFIELD	316.42	103.21	70.6	4	38	23	3	7,890	2,925	4,965	9.2	0	0	267	1186.0	778.0	\$682	\$496	\$330	\$1,507	\$476,529	0.09
SAINT CROIX	653.71	59.56	51.5	1	22	10	7	16,197	6,348	9,849	9.7	0	0	666	1333.0	2008.0	\$749	\$409	\$264	\$1,422	\$929,252	0.16
ASHLAND	245.35	96.72	68.3	7	30	17	15	4,492	1,659	2,833	6.8	0	0	76	744.0	732.0	\$599	\$455	\$314	\$1,369	\$335,843	0.07
TAYLOR	233.9	80.53	31.2	19	27	37	12	4,385	1,588	2,797	6.8	0	0	59	617.0	580.0	\$715	\$387	\$265	\$1,367	\$319,724	0.08
DOUGLAS	465.89	72.06	52.7	16	27	25	7	10,863	4,190	6,673	9.0	0	0	184	2029.0	889.0	\$605	\$425	\$307	\$1,337	\$622,715	0.12
WASHBURN	372.14	59.05	44.5	6	26	12	10	8,027	3,269	4,758	8.8	0	0	183	950.0	817.0	\$654	\$380	\$259	\$1,294	\$481,273	0.15
PIERCE	369.46	70.21	42.2	2	25	16	8	6,040	2,619	3,421	7.1	0	0	536	1180.0	747.0	\$577	\$362	\$278	\$1,217	\$449,722	0.10
CLARK	402.56	41.19	35.0	4	16	16	5	7,250	2,995	4,255	7.4	0	0	0	557.0	752.0	\$702	\$253	\$174	\$1,128	\$454,216	0.18
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
EAU CLAIRE	540.7	47.80	24.8	4	20	2	5	12,452	3,285	9,167	6.1	0	0	16	1194.0	1618.0	\$513	\$297	\$272	\$1,081	\$584,643	0.13
SAWYER	367.44	65.87	58.0	0	28	7	12	6,700	2,650	4,050	7.2	0	0	54	598.0	676.0	\$629	\$255	\$196	\$1,079	\$396,452	0.11
PEPIN	112.38	48.14	35.2	8	17	5	8	1,279	443	836	3.9	0	0	11	310.0	339.0	\$338	\$400	\$313	\$1,051	\$118,100	0.08
JACKSON	515.44	42.56	30.5	1	15	10	6	11,590	3,162	8,428	6.1	0	0	0	756.0	826.0	\$533	\$320	\$148	\$1,001	\$515,981	0.14
RUSK	213.47	59.82	37.8	3	24	9	9	3,466	1,207	2,259	5.7	0	0	97	453.0	264.0	\$520	\$247	\$158	\$925	\$197,455	0.09
BURNETT	237.93	58.38	36.3	6	22	8	9	3,301	1,473	1,828	6.2	0	0	10	311.0	500.0	\$461	\$261	\$180	\$902	\$214,635	0.11
TREMPEALEAU	443.67	47.43	35.4	3	21	0	10	8,757	2,609	6,148	5.9	0	0	0	433.0	784.0	\$482	\$201	\$156	\$839	\$372,268	0.12
BUFFALO	317.02	61.10	39.4	5	19	16	9	3,301	1,128	2,173	3.6	0	0	27	642.0	525.0	\$294	\$252	\$173	\$719	\$227,982	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	56,158	102,310	--	0	0	3761	--	--	--	--	--	--	\$9,120,365	
Region Average	61.86	42.1		5.3	23.1	13.6	8.0	7,923	2,808	5,116	7.0	0	0	188	919.1	839.5	\$584	\$341	\$242	\$1,167	\$456,018	0.12

Final totals as of Wednesday, February 24, 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	44.64	33.1	1	11	4	1	55,324	21,774	33,550	10.9	0	0	0	3412.0	10682.0	\$806	\$448	\$587	\$1,841	\$3,691,565	0.24
WASHINGTON	607.17	63.41	55.0	9	21	19	2	16,132	5,132	11,000	8.5	0	0	0	1855.0	2440.0	\$692	\$513	\$408	\$1,613	\$979,227	0.13
RACINE	731.45	51.98	47.5	10	17	14	2	17,956	3,161	14,795	4.3	0	0	0	1941.0	3627.0	\$342	\$670	\$534	\$1,547	\$1,131,233	0.08
OZAUKEE	309.78	43.64	48.1	3	14	0	4	9,951	2,354	7,597	7.6	0	0	0	636.0	712.0	\$560	\$326	\$273	\$1,158	\$358,869	0.17
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
WAUKESHA	1110.54	47.54	39.9	12	13	5	8	41,670	7,579	34,091	6.8	0	0	0	3395.0	1852.0	\$533	\$330	\$273	\$1,136	\$1,261,429	0.14
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	44,889	129,495	--	0	0	0	--	--	--	--	--	--	\$8,274,513	
Region Average	44.68	38.4		6.9	13.6	8.3	3.1	24,912	6,413	18,499	6.4	0	0	0	1891.6	3014.9	\$492	\$380	\$343	\$1,214	\$1,182,073	0.14

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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	65.65	45.4	7	20	0	8	53,430	16,947	36,483	10.2	0	0	49	3580.0	10749.0	\$840	\$638	\$735	\$2,212	\$3,687,073	0.15
DODGE	638.15	44.77	52.0	18	15	9	1	19,921	6,413	13,508	10.0	0	0	8	1366.0	2686.0	\$762	\$506	\$398	\$1,666	\$1,063,429	0.22
COLUMBIA	795.19	73.02	38.5	32	13	25	6	24,982	7,489	17,493	9.4	0	0	116	2373.0	2060.0	\$847	\$445	\$301	\$1,593	\$1,266,951	0.13
JUNEAU	496.27	63.35	29.9	12	20	15	6	10,968	4,334	6,634	8.7	0	0	394	1380.0	1460.0	\$751	\$415	\$337	\$1,503	\$746,126	0.14
GRANT	624.93	66.96	46.9	1	20	28	5	10,601	5,497	5,104	8.8	0	0	1405	1951.0	1992.0	\$682	\$454	\$307	\$1,442	\$901,057	0.13
GREEN	314.64	69.74	55.0	7	20	36	8	4,359	1,405	2,954	4.5	0	20	142	1307.0	1172.0	\$427	\$602	\$350	\$1,380	\$434,063	0.06
JEFFERSON	549.67	65.33	55.7	5	20	17	6	14,868	2,006	12,862	3.6	0	0	91	1421.0	2417.0	\$304	\$557	\$437	\$1,298	\$713,683	0.06
MONROE	666.31	63.53	34.6	10	19	13	9	15,765	5,487	10,278	8.2	0	0	57	1370.0	1661.0	\$682	\$352	\$231	\$1,265	\$842,839	0.13
LAFAYETTE	299.38	60.35	58.9	3	20	10	9	3,586	1,788	1,798	6.0	0	0	1207	554.0	959.0	\$522	\$379	\$252	\$1,152	\$344,978	0.10
IOWA	476.71	59.96	43.9	9	17	18	4	8,548	2,884	5,664	6.0	0	0	96	1280.0	1441.0	\$474	\$402	\$272	\$1,148	\$547,234	0.10
VERNON	477.82	64.17	35.2	15	21	15	3	8,179	2,664	5,515	5.6	0	0	0	827.0	1255.0	\$450	\$330	\$206	\$987	\$471,528	0.09
RICHLAND	327.64	41.82	34.0	10	13	19	2	3,867	1,272	2,595	3.9	0	0	105	872.0	681.0	\$353	\$334	\$224	\$911	\$298,448	0.09
CRAWFORD	397.19	54.85	35.1	13	14	24	4	5,572	1,725	3,847	4.3	0	0	445	1089.0	646.0	\$371	\$316	\$206	\$893	\$354,313	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	64,307	163,508	--	0	20	4115	--	--	--	--	--	--	\$12,466,636	
Region Average	52.59	37.6		10.2	15.5	14.7	4.8	14,238	4,019	10,219	6.0	0	1	257	1285.2	1934.2	\$506	\$379	\$281	\$1,167	\$779,165	0.12

Storm Report Summary - Thru Week 16 (2/18/21)

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	226,012	567,219	--	0	42	12810.0	--	--	--	--	--	--	\$41,699,706	--
Statewide Average	56.58	39.7	8.3	19.3	12.7	6.2	11,017	3,139	7,878	6.1	0.0	0.6	177.9	1115.9	1258.7	\$517	\$345	\$251	\$1,112	\$579,163	0.11