

Storm Report Summary - Thru Week 15 (2/11/21)

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	98.25	94.8	0	32	9	11	7,300	2,246	5,054	9.0	0	0	8	676.0	652.0	\$822	\$403	\$258	\$1,484	\$370,235	0.09
VILAS	307.26	90.98	59.1	2	35	17	20	9,550	2,029	7,521	6.6	0	0	655	1280.0	280.0	\$678	\$394	\$235	\$1,307	\$401,564	0.07
PRICE	320.19	86.41	51.2	10	29	16	14	6,700	2,017	4,683	6.3	0	0	0	933.0	589.0	\$641	\$381	\$220	\$1,242	\$397,809	0.07
ONEIDA	396.79	83.53	40.6	6	26	9	19	10,450	1,492	8,958	3.8	0	0	380	1771.0	578.0	\$378	\$369	\$286	\$1,034	\$410,030	0.05
ADAMS	193.2	48.01	34.7	9	13	10	10	4,300	1,231	3,069	6.4	0	0	0	440.0	165.0	\$639	\$241	\$143	\$1,024	\$197,796	0.13
LINCOLN	405.55	76.90	42.7	10	22	9	13	6,700	1,949	4,751	4.8	0	0	812	885.0	673.0	\$524	\$301	\$199	\$1,024	\$415,084	0.06
SHAWANO	524.17	45.34	41.6	5	19	10	5	10,288	2,163	8,125	4.1	0	0	35	1311.0	802.0	\$320	\$446	\$218	\$984	\$515,796	0.09
FLORENCE	141.07	61.35	39.8	5	22	9	9	3,680	950	2,730	6.7	0	0	19	388.0	93.0	\$597	\$264	\$118	\$979	\$138,105	0.11
MARATHON	874.81	60.85	32.5	25	19	22	8	15,400	3,824	11,576	4.4	0	22	111	1944.0	1887.0	\$430	\$308	\$223	\$961	\$840,422	0.07
PORTAGE	577.47	51.11	41.0	10	20	10	7	9,039	2,305	6,734	4.0	0	0	239	2743.0	0.0	\$368	\$393	\$192	\$953	\$550,247	0.08
MARQUETTE	245.75	46.15	36.6	8	18	6	6	4,850	1,007	3,843	4.1	0	0	70	440.0	416.0	\$450	\$248	\$205	\$904	\$222,186	0.09
WAUPACA	549.78	41.87	30.5	5	13	8	5	11,400	2,981	8,419	5.4	0	0	162	750.0	867.0	\$456	\$241	\$164	\$862	\$473,577	0.13
FOREST	312.38	51.93	39.7	1	23	1	3	7,615	1,633	5,982	5.2	0	0	0	593.0	424.0	\$465	\$229	\$142	\$837	\$261,348	0.10
MENOMINEE	90.26	28.54	27.0	0	14	8	0	2,350	657	1,693	7.3	0	0	28	135.0	39.0	\$565	\$154	\$84	\$804	\$72,535	0.26
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
GREEN LAKE	158.44	49.63	27.2	1	15	8	7	2,148	680	1,468	4.3	0	0	0	204.0	277.0	\$357	\$221	\$177	\$755	\$119,575	0.09
WAUSHARA	345.01	46.41	40.8	0	14	11	3	4,600	1,198	3,402	3.5	0	0	20	562.0	385.0	\$308	\$220	\$135	\$662	\$228,546	0.07
LANGLADE	299.21	69.62	35.7	11	26	9	9	6,450	580	5,870	1.9	0	0	38	552.0	415.0	\$191	\$246	\$158	\$595	\$178,019	0.03
Region Total	--	--	--	--	--	--	--	130,820	30,627	100,193	--	0	22	2633	--	--	--	--	--	--	\$6,122,687	
Region Average	60.73	42.0		6.8	21.0	10.1	8.8	7,268	1,702	5,566	5.1	0	1	146	907.1	508.2	\$476	\$293	\$185	\$954	\$340,149	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	38.54	35.0	7	10	13	2	11,080	3,631	7,449	6.0	0	0	0	1105.0	1726.0	\$531	\$332	\$280	\$1,144	\$696,580	0.15
WINNEBAGO	655.97	39.80	25.5	15	12	18	2	12,695	3,509	9,186	5.3	0	0	28	1420.0	1456.0	\$455	\$302	\$232	\$989	\$648,785	0.13
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
SHEBOYGAN	528.68	40.41	42.1	19	13	19	0	11,198	2,189	9,009	4.1	0	0	0	793.0	973.0	\$404	\$261	\$211	\$876	\$463,225	0.10
CALUMET	202.44	39.42	23.9	13	16	16	0	2,750	716	2,034	3.5	0	0	0	578.0	362.0	\$268	\$343	\$238	\$850	\$172,094	0.09
MANITOWOC	426.65	34.76	21.9	15	13	2	5	9,115	1,982	7,133	4.6	0	0	75	1100.0	643.0	\$329	\$316	\$190	\$835	\$356,218	0.13
KEWAUNEE	111.35	46.04	35.1	3	15	8	3	1,701	475	1,226	4.3	0	0	93	137.0	154.0	\$386	\$209	\$144	\$738	\$81,876	0.09
MARINETTE	436.66	45.28	41.1	23	16	11	2	8,910	2,137	6,773	4.9	0	0	0	539.0	545.0	\$370	\$188	\$141	\$698	\$304,930	0.11
OCONTO	469.52	48.26	29.0	13	17	10	5	7,203	1,855	5,348	4.0	0	0	0	788.0	624.0	\$304	\$224	\$165	\$693	\$325,369	0.08
DOOR	271.88	49.39	18.2	17	14	14	5	4,956	820	4,136	3.0	0	0	185	294.0	358.0	\$258	\$192	\$163	\$612	\$166,449	0.06
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
Region Total	--	--	--	--	--	--	--	101,744	23,135	78,609	--	0	0	381	--	--	--	--	--	--	\$4,286,530	
Region Average	40.43	27.9		14.4	13.6	10.8	2.5	9,249	2,103	7,146	4.3	0	0	35	778.9	867.5	\$354	\$254	\$193	\$801	\$389,685	0.11

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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	60.06	47.1	8	22	31	6	6,300	3,706	2,594	8.6	0	0	534	2075.0	1066.0	\$756	\$519	\$370	\$1,645	\$705,121	0.14
DUNN	519.24	63.61	35.2	5	25	10	3	13,291	5,300	7,991	10.2	0	0	208	1164.0	1142.0	\$818	\$348	\$283	\$1,448	\$751,926	0.16
BAYFIELD	316.42	93.99	67.6	4	33	21	3	7,890	2,753	5,137	8.7	0	0	172	1032.0	746.0	\$638	\$449	\$302	\$1,388	\$438,874	0.09
ASHLAND	245.35	92.35	66.3	7	28	17	15	4,492	1,611	2,881	6.6	0	0	76	706.0	730.0	\$582	\$443	\$307	\$1,333	\$326,972	0.07
SAINT CROIX	653.71	55.92	49.5	1	20	9	7	16,197	5,900	10,297	9.0	0	0	451	1185.0	1903.0	\$692	\$378	\$246	\$1,315	\$859,736	0.16
TAYLOR	233.9	74.92	31.0	19	25	34	12	4,385	1,551	2,834	6.6	0	0	44	564.0	557.0	\$698	\$362	\$249	\$1,309	\$306,178	0.09
WASHBURN	372.14	55.57	43.5	6	24	11	10	8,027	3,173	4,854	8.5	0	0	171	837.0	778.0	\$635	\$347	\$239	\$1,221	\$454,294	0.15
PIERCE	369.46	64.73	40.7	2	22	16	8	6,040	2,479	3,561	6.7	0	0	416	1039.0	712.0	\$543	\$326	\$254	\$1,123	\$415,057	0.10
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
CLARK	402.56	38.78	35.0	4	16	14	5	7,250	2,856	4,394	7.1	0	0	0	513.0	752.0	\$670	\$244	\$169	\$1,083	\$435,846	0.18
PEPIN	112.38	46.94	35.2	8	17	4	8	1,279	439	840	3.9	0	0	11	310.0	333.0	\$335	\$397	\$309	\$1,041	\$116,979	0.08
SAWYER	367.44	60.85	56.0	0	25	7	12	6,700	2,576	4,124	7.0	0	0	42	509.0	648.0	\$611	\$233	\$180	\$1,023	\$375,844	0.12
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
EAU CLAIRE	540.7	44.88	24.0	4	18	2	5	12,452	2,973	9,479	5.5	0	0	0	1043.0	1499.0	\$464	\$271	\$247	\$983	\$531,503	0.12
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
JACKSON	515.44	39.38	29.0	1	13	10	6	11,590	2,773	8,817	5.4	0	0	0	684.0	742.0	\$467	\$297	\$133	\$898	\$462,967	0.14
BURNETT	237.93	55.31	36.0	6	21	7	9	3,301	1,459	1,842	6.1	0	0	3	293.0	482.0	\$456	\$251	\$172	\$879	\$209,190	0.11
TREMPEALEAU	443.67	44.12	33.4	3	19	0	10	8,757	2,442	6,315	5.5	0	0	0	433.0	722.0	\$452	\$190	\$147	\$789	\$349,917	0.12
BUFFALO	317.02	54.67	39.2	5	17	13	9	3,301	1,111	2,190	3.5	0	0	27	589.0	523.0	\$290	\$240	\$166	\$696	\$220,758	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	52,585	105,883	--	0	0	2774	--	--	--	--	--	--	\$8,462,135	
Region Average	57.58	40.6		5.3	21.2	12.2	8.0	7,923	2,629	5,294	6.6	0	0	139	813.1	794.1	\$552	\$315	\$224	\$1,092	\$423,107	0.12

Final totals as of Wednesday, February 17, 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		
RACINE	731.45	49.14	43.0	10	16	14	2	17,956	2,946	15,010	4.0	0	0	0	1772.0	3488.0	\$319	\$1,061	\$507	\$1,888	\$1,380,861	0.08
WASHINGTON	607.17	55.60	49.4	9	18	18	2	16,132	4,189	11,943	6.9	0	0	0	1548.0	2046.0	\$566	\$428	\$342	\$1,336	\$811,138	0.12
MILWAUKEE	2005.05	35.52	27.4	1	8	4	1	55,324	15,791	39,533	7.9	0	0	0	3412.0	6282.0	\$585	\$300	\$388	\$1,273	\$2,552,055	0.22
WALWORTH	708.76	45.51	36.2	13	14	12	4	19,491	3,700	15,791	5.2	0	0	0	1636.0	1375.0	\$389	\$294	\$255	\$938	\$664,625	0.11
OZAUKEE	309.78	36.31	39.1	3	11	0	4	9,951	1,796	8,155	5.8	0	0	0	455.0	550.0	\$429	\$242	\$205	\$875	\$271,208	0.16
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	29,121	145,263	--	0	0	0	--	--	--	--	--	--	\$5,881,732	
Region Average	34.70	28.5		6.9	10.4	6.9	2.6	24,912	4,160	20,752	4.4	0	0	0	1340.9	2030.9	\$336	\$343	\$251	\$931	\$840,247	0.11

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				Anti- Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
DANE	1666.77	54.18	37.1	7	16	0	7	53,430	12,330	41,100	7.4	0	0	0	2396.0	8276.0	\$612	\$474	\$552	\$1,639	\$2,731,557	0.14
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
DODGE	638.15	37.67	46.0	18	13	7	1	19,921	5,300	14,621	8.3	0	0	8	1099.0	2285.0	\$632	\$422	\$334	\$1,389	\$886,380	0.22
JUNEAU	496.27	59.14	27.9	12	18	14	6	10,968	3,869	7,099	7.8	0	0	119	1206.0	1263.0	\$666	\$362	\$293	\$1,321	\$655,569	0.13
GRANT	624.93	57.11	41.3	1	16	24	5	10,601	4,978	5,623	8.0	0	0	1293	1594.0	1711.0	\$618	\$393	\$258	\$1,269	\$793,262	0.14
GREEN	314.64	62.23	50.6	7	17	34	8	4,359	1,296	3,063	4.1	0	20	75	1170.0	1065.0	\$392	\$542	\$316	\$1,250	\$393,243	0.07
MONROE	666.31	56.99	32.6	10	17	11	9	15,765	4,988	10,777	7.5	0	0	24	1212.0	1446.0	\$621	\$309	\$202	\$1,132	\$754,169	0.13
JEFFERSON	549.67	57.83	49.2	5	17	15	6	14,868	1,756	13,112	3.2	0	0	79	1113.0	2041.0	\$267	\$458	\$361	\$1,086	\$596,800	0.06
LAFAYETTE	299.38	51.82	52.4	3	17	8	9	3,586	1,578	2,008	5.3	0	0	1045	420.0	821.0	\$460	\$311	\$209	\$979	\$293,232	0.10
IOWA	476.71	53.14	40.9	9	15	14	4	8,548	2,522	6,026	5.3	0	0	29	1003.0	1187.0	\$413	\$324	\$220	\$957	\$456,354	0.10
VERNON	477.82	58.18	33.2	15	19	13	3	8,179	2,305	5,874	4.8	0	0	0	730.0	1101.0	\$392	\$292	\$181	\$866	\$413,768	0.08
RICHLAND	327.64	39.90	32.5	10	12	17	2	3,867	1,176	2,691	3.6	0	0	76	762.0	619.0	\$326	\$296	\$200	\$822	\$269,269	0.09
CRAWFORD	397.19	48.77	33.1	13	12	21	4	5,572	1,635	3,937	4.1	0	0	293	904.0	597.0	\$346	\$274	\$180	\$800	\$317,652	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	55,618	172,197	--	0	20	3157	--	--	--	--	--	--	\$10,623,119	
Region Average	47.37	34.5		10.2	13.6	13.1	4.7	14,238	3,476	10,762	5.3	0	1	197	1073.4	1640.0	\$452	\$327	\$241	\$1,020	\$663,945	0.11

Storm Report Summary - Thru Week 15 (2/11/21)

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	191,086	602,145	--	0	42	8945.0	--	--	--	--	--	--	\$35,376,203	--
Statewide Average	51.25	36.5	8.3	17.3	11.1	6.1	11,017	2,654	8,363	5.4	0.0	0.6	124.2	940.5	1042.1	\$460	\$306	\$216	\$981	\$491,336	0.11