

Storm Report Summary - Thru Week 13 (1/28/21)

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	87.17	82.3	0	29	8	11	7,300	1,942	5,358	7.8	0	0	0	536.0	559.0	\$711	\$333	\$215	\$1,258	\$314,039	0.09
VILAS	307.26	82.51	45.6	2	33	12	19	9,550	1,865	7,685	6.1	0	0	432	1030.0	280.0	\$615	\$332	\$200	\$1,148	\$352,591	0.07
PRICE	320.19	68.81	36.0	9	22	16	13	6,700	1,480	5,220	4.6	0	0	0	773.0	343.0	\$476	\$279	\$156	\$911	\$291,764	0.07
ONEIDA	396.79	76.04	26.6	6	24	9	18	10,450	1,247	9,203	3.1	0	0	202	1539.0	439.0	\$314	\$306	\$238	\$859	\$340,707	0.04
LINCOLN	405.55	65.58	32.7	9	20	5	12	6,700	1,389	5,311	3.4	0	0	486	643.0	468.0	\$378	\$216	\$141	\$735	\$298,148	0.05
FLORENCE	141.07	51.02	24.8	4	19	6	9	3,680	684	2,996	4.8	0	0	17	319.0	56.0	\$430	\$202	\$90	\$722	\$101,855	0.10
PORTAGE	577.47	44.89	31.0	9	18	3	6	9,039	1,663	7,376	2.9	0	0	0	1923.0	0.0	\$261	\$279	\$135	\$675	\$389,995	0.06
MARATHON	874.81	48.34	21.5	23	17	17	7	15,400	2,598	12,802	3.0	0	22	12	1362.0	1340.0	\$291	\$212	\$158	\$660	\$577,618	0.06
ADAMS	193.2	39.88	22.7	9	11	6	9	4,300	758	3,542	3.9	0	0	0	373.0	35.0	\$404	\$163	\$89	\$656	\$126,721	0.10
FOREST	312.38	43.20	25.7	1	20	1	3	7,615	1,250	6,365	4.0	0	0	0	484.0	325.0	\$356	\$179	\$113	\$647	\$202,190	0.09
SHAWANO	524.17	34.62	28.5	4	16	7	4	10,288	1,355	8,933	2.6	0	0	0	899.0	480.0	\$200	\$286	\$140	\$626	\$328,197	0.07
MARQUETTE	245.75	36.90	27.9	6	16	1	5	4,850	732	4,118	3.0	0	0	0	287.0	262.0	\$329	\$165	\$131	\$624	\$153,470	0.08
MENOMINEE	90.26	21.68	17.0	0	12	5	0	2,350	462	1,888	5.1	0	0	0	100.0	19.0	\$394	\$105	\$56	\$555	\$50,108	0.24
WAUPACA	549.78	31.18	20.5	5	11	3	5	11,400	1,850	9,550	3.4	0	0	0	525.0	384.0	\$278	\$141	\$88	\$507	\$278,702	0.11
GREEN LAKE	158.44	37.35	19.2	1	13	5	6	2,148	442	1,706	2.8	0	0	0	129.0	157.0	\$232	\$128	\$104	\$464	\$73,568	0.07
LANGLADE	299.21	59.86	25.2	9	23	7	8	6,450	418	6,032	1.4	0	0	5	475.0	263.0	\$140	\$188	\$117	\$445	\$133,280	0.02
WAUSHARA	345.01	34.29	31.3	0	12	6	2	4,600	794	3,806	2.3	0	0	0	405.0	209.0	\$204	\$142	\$85	\$431	\$148,713	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	21,843	108,977	--	0	22	1154	--	--	--	--	--	--	\$4,344,357	
Region Average	50.00	30.3		6.1	18.3	6.8	7.9	7,268	1,214	6,054	3.7	0	1	64	686.0	325.7	\$345	\$210	\$130	\$686	\$241,353	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	30.33	27.0	5	8	11	2	11,080	2,533	8,547	4.2	0	0	0	739.0	1186.0	\$370	\$226	\$191	\$787	\$479,088	0.14
BROWN	902.7	28.74	16.9	28	15	0	0	20,996	2,833	18,163	3.1	0	0	0	885.0	1532.0	\$252	\$213	\$156	\$621	\$560,782	0.11
MANITOWOC	426.65	28.02	13.9	12	11	1	5	9,115	1,368	7,747	3.2	0	0	0	611.0	537.0	\$229	\$210	\$130	\$569	\$242,799	0.11
WINNEBAGO	655.97	32.97	17.5	12	10	11	2	12,695	1,835	10,860	2.8	0	0	0	882.0	890.0	\$243	\$183	\$143	\$569	\$373,120	0.08
CALUMET	202.44	26.83	15.9	11	14	6	0	2,750	479	2,271	2.4	0	0	0	388.0	154.0	\$183	\$199	\$132	\$514	\$103,994	0.09
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
KEWAUNEE	111.35	33.13	21.1	3	12	4	3	1,701	289	1,412	2.6	0	0	12	117.0	66.0	\$239	\$131	\$84	\$454	\$50,589	0.08
MARINETTE	436.66	33.23	28.0	18	12	8	1	8,910	1,246	7,664	2.9	0	0	0	341.0	331.0	\$220	\$115	\$87	\$422	\$184,321	0.09
DOOR	271.88	31.79	12.2	14	12	5	4	4,956	574	4,382	2.1	0	0	0	197.0	170.0	\$174	\$108	\$88	\$371	\$100,736	0.07
OCONTO	469.52	34.27	18.0	9	14	3	3	7,203	940	6,263	2.0	0	0	0	464.0	315.0	\$157	\$123	\$90	\$370	\$173,537	0.06
SHEBOYGAN	528.68	17.88	13.1	18	7	5	0	11,198	621	10,577	1.2	0	0	0	289.0	251.0	\$117	\$80	\$62	\$260	\$137,491	0.07
Region Total	--	--	--	--	--	--	--	101,744	14,013	87,731	--	0	0	12	--	--	--	--	--	--	\$2,666,429	
Region Average	29.63	17.5	12.0	11.1	5.6	2.2	9,249	1,274	7,976	2.6	0	0	1	513.3	535.6	\$217	\$157	\$119	\$492	\$242,403	0.09	

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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	51.49	40.6	7	20	29	4	6,300	3,226	3,074	7.5	0	0	485	1752.0	933.0	\$659	\$442	\$317	\$1,418	\$607,840	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	71.78	51.6	4	23	21	3	7,890	2,301	5,589	7.3	0	0	0	775.0	571.0	\$527	\$339	\$229	\$1,095	\$346,131	0.10
SAINT CROIX	653.71	42.47	41.7	1	16	6	5	16,197	5,031	11,166	7.7	0	0	288	837.0	1628.0	\$587	\$302	\$199	\$1,088	\$711,122	0.18
WASHBURN	372.14	49.37	35.3	5	21	11	9	8,027	2,699	5,328	7.3	0	0	171	730.0	650.0	\$541	\$297	\$203	\$1,041	\$387,283	0.15
DUNN	519.24	48.51	25.1	4	18	10	3	13,291	3,823	9,468	7.4	0	0	125	861.0	775.0	\$589	\$252	\$199	\$1,040	\$540,165	0.15
TAYLOR	233.9	62.08	22.0	18	23	26	11	4,385	1,278	3,107	5.5	0	0	5	454.0	399.0	\$575	\$274	\$187	\$1,037	\$242,541	0.09
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
PIERCE	369.46	49.17	36.2	0	20	12	4	6,040	2,076	3,964	5.6	0	0	213	815.0	589.0	\$448	\$258	\$205	\$911	\$336,706	0.11
SAWYER	367.44	54.12	48.5	0	22	7	11	6,700	2,235	4,465	6.1	0	0	29	431.0	569.0	\$530	\$201	\$156	\$887	\$325,750	0.11
ASHLAND	245.35	68.60	50.3	7	24	9	14	4,492	1,088	3,404	4.4	0	0	7	532.0	422.0	\$391	\$294	\$199	\$883	\$216,746	0.06
CLARK	402.56	30.49	26.0	4	14	12	4	7,250	2,212	5,038	5.5	0	0	0	353.0	553.0	\$519	\$173	\$122	\$814	\$327,547	0.18
PEPIN	112.38	38.96	29.2	7	14	3	6	1,279	342	937	3.0	0	0	11	265.0	247.0	\$262	\$307	\$243	\$812	\$91,220	0.08
BURNETT	237.93	49.26	30.0	6	19	6	8	3,301	1,242	2,059	5.2	0	0	3	243.0	421.0	\$388	\$215	\$148	\$751	\$178,721	0.11
EAU CLAIRE	540.7	39.32	18.5	4	16	2	4	12,452	2,146	10,306	4.0	0	0	0	918.0	1141.0	\$336	\$199	\$198	\$732	\$395,868	0.10
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
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	31.30	20.0	0	11	7	5	11,590	1,867	9,723	3.6	0	0	0	387.0	522.0	\$313	\$221	\$87	\$620	\$319,777	0.12
TREMPEALEAU	443.67	34.07	27.3	3	15	0	7	8,757	1,644	7,113	3.7	0	0	0	320.0	471.0	\$305	\$129	\$99	\$534	\$236,813	0.11
BUFFALO	317.02	40.98	31.1	5	14	9	7	3,301	802	2,499	2.5	0	0	20	442.0	348.0	\$209	\$170	\$116	\$496	\$157,119	0.06
Region Total	--	--	--	--	--	--	--	158,468	43,250	115,218	--	0	0	1940	--	--	--	--	--	--	\$6,875,359	
Region Average	47.93	33.4	33.4	4.8	18.4	10.2	6.9	7,923	2,163	5,761	5.4	0	0	97	663.6	635.8	\$450	\$251	\$179	\$880	\$343,768	0.12

Final totals as of Wednesday, February 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	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
WASHINGTON	607.17	48.90	39.1	8	16	14	2	16,132	3,151	12,981	5.2	0	0	0	1078.0	1532.0	\$426	\$305	\$250	\$981	\$595,713	0.11
RACINE	731.45	25.21	17.9	8	10	5	2	17,956	1,294	16,662	1.8	0	0	0	680.0	1025.0	\$143	\$320	\$161	\$623	\$455,515	0.07
OZAUKEE	309.78	28.03	26.1	3	9	0	4	9,951	1,294	8,657	4.2	0	0	0	329.0	340.0	\$308	\$167	\$134	\$609	\$188,743	0.15
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	20,551	153,833	--	0	0	0	--	--	--	--	--	--	\$3,751,626	
Region Average	23.98	17.3		6.0	7.6	3.4	2.3	24,912	2,936	21,976	2.9	0	0	0	880.0	1271.1	\$223	\$172	\$144	\$539	\$535,947	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	44.11	21.9	7	13	0	6	53,430	9,738	43,692	5.8	0	0	0	1689.0	5750.0	\$484	\$329	\$385	\$1,198	\$1,996,015	0.13
COLUMBIA	795.19	53.88	24.5	29	10	19	4	24,982	5,146	19,836	6.5	0	0	15	1647.0	1387.0	\$581	\$304	\$206	\$1,091	\$867,279	0.12
DODGE	638.15	30.03	36.0	18	11	5	1	19,921	3,918	16,003	6.1	0	0	0	870.0	1736.0	\$471	\$325	\$257	\$1,052	\$671,223	0.20
GREEN	314.64	50.86	41.6	7	15	24	6	4,359	1,005	3,354	3.2	0	0	20	856.0	802.0	\$304	\$397	\$235	\$936	\$294,622	0.06
JUNEAU	496.27	46.43	17.9	11	16	8	4	10,968	2,373	8,595	4.8	0	0	0	865.0	892.0	\$413	\$255	\$208	\$875	\$434,364	0.10
GRANT	624.93	44.25	30.8	1	13	15	3	10,601	3,277	7,324	5.2	0	0	616	980.0	1101.0	\$401	\$245	\$163	\$810	\$506,086	0.12
MONROE	666.31	41.61	21.6	8	15	7	5	15,765	3,312	12,453	5.0	0	0	0	815.0	1026.0	\$414	\$213	\$141	\$767	\$511,078	0.12
JEFFERSON	549.67	47.86	41.2	5	15	10	5	14,868	1,126	13,742	2.0	0	0	0	744.0	1499.0	\$170	\$325	\$259	\$755	\$414,875	0.04
IOWA	476.71	44.69	33.9	9	14	10	3	8,548	1,951	6,597	4.1	0	0	0	700.0	973.0	\$320	\$245	\$171	\$736	\$350,776	0.09
LAFAYETTE	299.38	39.30	40.4	3	14	4	7	3,586	1,229	2,357	4.1	0	0	761	285.0	579.0	\$356	\$214	\$146	\$715	\$214,204	0.10
VERNON	477.82	43.69	23.2	15	16	9	3	8,179	1,552	6,627	3.2	0	0	0	517.0	777.0	\$268	\$205	\$128	\$601	\$287,167	0.07
CRAWFORD	397.19	38.58	22.1	12	9	14	3	5,572	1,137	4,435	2.9	0	0	41	545.0	424.0	\$235	\$176	\$118	\$529	\$210,238	0.07
RICHLAND	327.64	27.40	20.5	9	9	10	1	3,867	731	3,136	2.2	0	0	0	490.0	416.0	\$205	\$191	\$132	\$528	\$172,876	0.08
SAUK	625.18	15.23	11.1	11	6	3	0	16,237	2,002	14,235	3.2	0	0	0	490.0	489.0	\$308	\$108	\$76	\$492	\$307,453	0.21
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	39,936	187,879	--	0	0	1453	--	--	--	--	--	--	\$7,548,483	
Region Average	36.70	25.5		9.4	11.4	8.7	3.4	14,238	2,496	11,742	3.8	0	0	91	751.8	1164.3	\$319	\$230	\$171	\$719	\$471,780	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	139,593	653,638	--	0	22	4559.0	--	--	--	--	--	--	\$25,186,253	--
Statewide Average	40.83	26.9	7.3	14.6	7.7	5.2	11,017	1,939	9,078	3.9	0.0	0.3	63.3	686.8	722.2	\$337	\$214	\$152	\$703	\$349,809	0.10