

Storm Report Summary through Week 10

From Winter Storm Reports, 2018-2019

General Notes: 1) Costs shown in table are estimated and do not include the Administrative Costs; 2) Material Costs includes Salt, Sand, and other Deicing and Anti-icing Agents; 3) Equipment Costs are based on \$60 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.

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	81.37	85.5	0	25	10	5	7,308	1,995	5,313	8.0	0	0	0	702.0	509.0	\$691	\$274	\$241	\$1,207	\$298,918	0.10
VILAS	305.24	67.94	42.9	3	25	13	12	11,463	1,575	9,888	5.2	0	0	292	729.0	490.0	\$396	\$223	\$183	\$802	\$244,297	0.08
FOREST	312.38	47.25	31.3	2	21	6	4	8,517	1,602	6,915	5.1	0	64	0	585.0	312.0	\$500	\$145	\$109	\$754	\$226,337	0.11
PRICE	320.19	76.40	42.9	1	28	5	10	9,616	1,318	8,298	4.1	0	0	36	608.0	527.0	\$400	\$192	\$143	\$736	\$229,637	0.05
ONEIDA	396.79	58.56	26.7	6	17	5	13	9,507	1,686	7,821	4.2	0	0	83	879.0	462.0	\$365	\$172	\$164	\$701	\$278,087	0.07
FLORENCE	141.07	53.36	27.5	3	19	5	7	3,751	729	3,022	5.2	0	0	0	287.0	75.0	\$426	\$154	\$105	\$685	\$96,633	0.10
LINCOLN	405.55	56.22	29.7	7	16	4	15	6,290	1,415	4,875	3.5	0	0	175	696.0	393.0	\$393	\$146	\$124	\$664	\$263,280	0.06
PORTAGE	560.77	52.86	20.8	8	20	6	9	6,083	1,743	4,340	3.1	0	0	0	1310.0	784.0	\$264	\$224	\$170	\$658	\$367,725	0.06
ADAMS	193.2	26.59	19.4	7	10	4	3	4,318	960	3,358	5.0	0	0	0	313.0	57.0	\$463	\$110	\$82	\$654	\$126,080	0.19
WAUPACA	546.52	27.09	18.6	3	12	5	4	4,639	2,822	1,817	5.2	0	0	0	641.0	566.0	\$392	\$127	\$107	\$627	\$340,887	0.19
MARATHON	874.81	54.97	19.9	28	19	14	4	13,931	2,042	11,889	2.3	0	0	0	1719.0	836.0	\$322	\$158	\$132	\$612	\$548,449	0.04
MENOMINEE	90.26	37.66	18.7	0	17	8	2	10,322	541	9,781	6.0	0	0	0	105.0	48.0	\$417	\$95	\$64	\$576	\$51,972	0.16
MARQUETTE	245.75	25.73	13.6	5	12	1	3	4,853	1,023	3,830	4.2	0	0	0	188.0	298.0	\$360	\$103	\$102	\$565	\$138,881	0.16
SHAWANO	520.57	37.39	28.6	4	16	7	2	2,030	1,681	349	3.2	0	0	0	973.0	448.0	\$232	\$161	\$117	\$510	\$263,782	0.09
WOOD	431.88	39.32	17.7	9	16	1	9	2,267	1,175	1,092	2.7	0	0	0	374.0	355.0	\$284	\$97	\$76	\$458	\$189,438	0.07
LANGLADE	299.21	43.13	23.6	11	13	8	7	6,274	682	5,592	2.3	0	0	0	429.0	292.0	\$172	\$129	\$109	\$410	\$122,574	0.05
GREEN LAKE	158.44	30.10	17.9	1	11	1	6	2,037	434	1,603	2.7	0	0	0	137.0	127.0	\$211	\$93	\$81	\$386	\$60,840	0.09
WAUSHARA	345.01	21.07	20.8	0	9	1	1	7,772	769	7,003	2.2	0	0	0	438.0	90.0	\$177	\$91	\$59	\$327	\$112,648	0.11
Region Total	--	--	--	--	--	--	--	120,978	24,192	96,786	--	0	64	586	--	--	--	--	--	--	\$3,960,464	
Region Average	46.50	28.1		5.4	17.0	5.8	6.4	6,721	1,344	5,377	4.1	0	4	33	617.4	370.5	\$359	\$150	\$120	\$629	\$220,026	0.10

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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	609.98	27.89	17.0	1	7	8	3	11,659	2,374	9,285	3.9	0	0	0	518.0	862.0	\$330	\$131	\$119	\$580	\$345,330	0.14
MANITOWOC	426.61	33.01	10.7	4	9	7	3	9,146	2,251	6,895	5.3	0	0	0	737.0	222.0	\$310	\$136	\$97	\$544	\$231,887	0.16
MARINETTE	436.66	46.41	20.2	23	19	2	6	7,964	2,026	5,938	4.6	0	0	0	490.0	404.0	\$316	\$111	\$102	\$528	\$229,631	0.10
WINNEBAGO	629.54	24.34	15.8	4	9	8	0	12,264	1,982	10,282	3.1	0	0	0	620.0	1012.0	\$245	\$140	\$136	\$521	\$321,796	0.13
DOOR	271.8	28.27	17.5	4	10	5	4	5,171	965	4,206	3.6	0	0	0	211.0	281.0	\$249	\$107	\$103	\$460	\$123,774	0.13
BROWN	902.08	27.14	8.6	20	10	2	3	17,583	2,223	15,360	2.5	0	0	0	1096.0	1092.0	\$197	\$146	\$116	\$459	\$410,422	0.09
CALUMET	202.3	32.24	17.3	3	13	6	2	2,983	761	2,222	3.8	0	0	0	336.0	95.0	\$252	\$114	\$90	\$456	\$91,347	0.12
KEWAUNEE	111.35	32.69	16.3	4	12	1	6	1,847	331	1,516	3.0	0	0	85	149.0	0.0	\$298	\$80	\$55	\$434	\$45,105	0.09
OUTAGAMIE	538.53	30.13	19.2	2	12	5	4	10,384	1,342	9,042	2.5	0	0	0	599.0	463.0	\$242	\$90	\$99	\$431	\$206,834	0.08
OCONTO	469.52	44.42	24.6	9	15	3	9	7,399	1,343	6,056	2.9	0	0	0	349.0	370.0	\$189	\$90	\$76	\$354	\$166,443	0.06
SHEBOYGAN	528.68	14.44	3.1	15	3	5	2	11,591	504	11,087	1.0	0	0	0	393.0	67.0	\$92	\$51	\$38	\$180	\$93,298	0.07
Region Total	--	--	--	--	--	--	--	97,991	16,102	81,889	--	0	0	85	--	--	--	--	--	--	\$2,265,868	
Region Average	31.00	15.5		8.1	10.8	4.7	3.8	8,908	1,464	7,444	3.3	0	0	8	499.8	442.5	\$247	\$109	\$94	\$450	\$205,988	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		
ASHLAND	245.35	61.59	68.6	5	25	3	13	4,763	1,466	3,297	6.0	0	0	75	593.0	424.0	\$505	\$225	\$198	\$928	\$224,766	0.10
BAYFIELD	316.42	46.36	49.0	4	14	16	4	6,414	2,195	4,219	6.9	0	0	0	807.0	475.0	\$491	\$232	\$179	\$902	\$279,600	0.15
DOUGLAS	451.4	63.77	54.7	2	26	4	4	10,424	2,861	7,563	6.3	0	0	0	1266.0	509.0	\$378	\$222	\$178	\$778	\$351,138	0.10
JACKSON	515.44	21.10	14.6	0	8	0	4	10,672	1,831	8,841	3.6	0	0	0	381.0	399.0	\$278	\$362	\$69	\$710	\$365,831	0.17
DUNN	519.24	42.04	22.0	5	16	6	2	12,302	2,680	9,622	5.2	0	0	0	642.0	600.0	\$384	\$134	\$139	\$657	\$344,355	0.12
WASHBURN	372.14	39.28	17.2	0	18	5	3	8,014	1,934	6,080	5.2	0	0	0	430.0	576.0	\$355	\$161	\$136	\$653	\$240,650	0.13
TAYLOR	233.9	54.02	14.7	14	15	17	7	4,455	861	3,594	3.7	0	0	22	368.0	257.0	\$374	\$153	\$121	\$648	\$147,772	0.07
BARRON	428.77	44.04	25.8	3	20	9	2	4,876	1,567	3,309	3.7	0	0	37	916.0	395.0	\$289	\$159	\$140	\$588	\$252,114	0.08
CLARK	402.56	41.51	21.5	9	17	6	2	6,957	1,612	5,345	4.0	0	0	0	442.0	382.0	\$351	\$121	\$97	\$569	\$229,101	0.10
SAINT CROIX	646.54	28.80	19.5	0	11	3	3	13,853	2,834	11,019	4.4	0	0	0	376.0	846.0	\$302	\$113	\$113	\$528	\$341,545	0.15
SAWYER	367.44	48.71	31.0	0	19	3	8	6,001	1,475	4,526	4.0	0	0	0	311.0	313.0	\$326	\$90	\$84	\$499	\$183,478	0.08
BURNETT	237.93	28.58	15.9	0	11	3	1	4,091	887	3,204	3.7	0	0	0	264.0	195.0	\$249	\$113	\$94	\$457	\$110,119	0.13
EAU CLAIRE	540.7	29.86	11.8	3	14	1	2	11,892	1,178	10,714	2.2	0	0	0	769.0	543.0	\$193	\$124	\$105	\$421	\$223,275	0.07
TREMPEALEAU	443.67	36.89	12.7	1	15	2	5	7,995	1,382	6,613	3.1	0	0	15	375.0	350.0	\$237	\$83	\$80	\$400	\$177,428	0.08
RUSK	213.47	29.05	22.6	0	13	3	5	3,488	630	2,858	3.0	0	0	4	298.0	9.0	\$250	\$86	\$53	\$389	\$83,142	0.10
PIERCE	369.46	27.24	14.1	1	11	1	3	6,104	988	5,116	2.7	0	0	0	417.0	269.0	\$196	\$92	\$97	\$385	\$141,115	0.10
PEPIN	112.38	23.41	12.0	8	6	4	5	1,257	195	1,062	1.7	0	0	0	200.0	97.0	\$130	\$133	\$118	\$382	\$42,885	0.07
BUFFALO	317.02	31.21	14.3	6	12	3	6	3,531	774	2,757	2.4	0	0	0	362.0	175.0	\$188	\$89	\$74	\$351	\$111,308	0.08
POLK	385.81	14.34	5.0	0	8	1	0	8,180	498	7,682	1.3	0	0	0	163.0	63.0	\$105	\$32	\$29	\$166	\$63,619	0.09
CHIPPEWA	654.65	0.00	0.0	0	0	0	0	14,203	0	14,203	0.0	0	0	0	0.0	0.0	\$0	\$0	\$0	\$0	\$0	0.00
Region Total	--	--	--	--	--	--	--	149,472	27,848	121,624	--	0	0	153	--	--	--	--	--	--	\$3,913,242	
Region Average	35.59	22.4		3.1	14.0	4.5	4.0	7,474	1,392	6,081	3.7	0	0	8	469.0	343.9	\$279	\$136	\$105	\$520	\$195,662	0.10

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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	1948.56	20.37	8.4	4	8	2	0	52,310	6,297	46,013	3.2	0	0	0	1837.0	2676.0	\$242	\$118	\$173	\$533	\$1,028,839	0.16
KENOSHA	660.76	20.70	7.4	1	9	0	2	13,262	1,884	11,378	2.9	0	0	0	1036.0	327.0	\$172	\$132	\$111	\$414	\$273,843	0.14
OZAUKEE	309.54	23.95	11.2	8	10	1	3	10,722	862	9,860	2.8	0	0	0	252.0	173.0	\$186	\$82	\$71	\$339	\$103,702	0.12
WALWORTH	706.47	22.44	14.8	10	8	4	2	20,213	1,974	18,239	2.8	0	0	0	975.0	64.0	\$183	\$82	\$66	\$331	\$234,385	0.12
WASHINGTON	611.85	18.25	5.2	5	7	2	2	17,559	1,095	16,464	1.8	0	0	0	261.0	323.0	\$138	\$53	\$51	\$242	\$146,416	0.10
WAUKESHA	1073.65	9.12	8.5	0	5	0	0	29,962	1,708	28,254	1.6	0	0	0	306.0	340.0	\$112	\$34	\$34	\$179	\$192,260	0.17
RACINE	683.46	0.00	0.0	0	0	0	0	17,939	0	17,939	0.0	0	0	0	0.0	0.0	\$0	\$0	\$0	\$0	\$0	0.00
Region Total	--	--	--	--	--	--	--	161,967	13,820	148,147	--	0	0	0	--	--	--	--	--	--	\$1,979,444	
Region Average	16.40	7.9		4.0	6.7	1.3	1.3	23,138	1,974	21,164	2.1	0	0	0	666.7	557.6	\$147	\$71	\$72	\$291	\$282,778	0.12

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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		
JEFFERSON	549.67	40.85	13.6	4	16	3	8	14,538	1,186	13,352	2.2	0	0	0	315.0	725.0	\$441	\$111	\$103	\$655	\$285,712	0.05
MONROE	665.65	35.75	16.6	4	11	9	5	12,258	3,470	8,788	5.2	0	0	0	535.0	998.0	\$386	\$128	\$105	\$618	\$410,289	0.15
JUNEAU	496.27	24.53	20.0	0	7	1	4	10,462	2,312	8,150	4.7	0	0	0	365.0	658.0	\$356	\$111	\$111	\$577	\$286,540	0.19
DODGE	637.85	20.21	15.0	5	10	2	0	19,703	2,901	16,802	4.5	0	0	0	489.0	790.0	\$341	\$120	\$100	\$562	\$351,305	0.23
COLUMBIA	787.76	31.38	10.0	9	9	8	5	24,946	2,843	22,103	3.6	0	0	6	520.0	608.0	\$294	\$96	\$75	\$465	\$366,202	0.12
RICHLAND	327.64	24.06	15.5	5	9	8	2	4,082	821	3,261	2.5	0	0	0	372.0	392.0	\$190	\$125	\$115	\$430	\$145,033	0.10
VERNON	477.82	35.92	18.4	4	17	0	3	8,025	1,412	6,613	3.0	0	0	0	273.0	603.0	\$228	\$116	\$85	\$429	\$201,679	0.08
ROCK	683.31	27.14	13.4	0	13	2	5	14,793	2,012	12,781	2.9	0	0	0	251.0	747.0	\$236	\$82	\$88	\$407	\$277,808	0.11
LA CROSSE	500.74	22.81	16.0	11	6	1	6	9,997	863	9,134	1.7	0	0	0	418.0	508.0	\$185	\$106	\$94	\$385	\$190,492	0.08
IOWA	473.13	25.16	11.8	7	11	3	1	8,518	1,406	7,112	3.0	0	0	0	319.0	480.0	\$206	\$93	\$84	\$383	\$181,176	0.12
GRANT	624.93	27.40	8.4	2	9	4	2	10,676	1,964	8,712	3.1	0	0	117	268.0	464.0	\$220	\$64	\$55	\$339	\$210,310	0.11
CRAWFORD	395.79	27.93	13.1	5	9	7	4	5,710	1,049	4,661	2.7	0	0	0	266.0	304.0	\$190	\$81	\$66	\$337	\$133,435	0.09
DANE	1544.2	7.34	2.1	1	3	0	1	51,514	1,553	49,961	1.0	0	0	0	155.0	1067.0	\$80	\$150	\$59	\$289	\$442,257	0.14
LAFAYETTE	299.38	21.99	9.1	5	10	0	4	3,487	591	2,896	2.0	0	0	330	142.0	215.0	\$148	\$65	\$53	\$265	\$79,364	0.09
GREEN	314.64	28.96	9.7	6	10	4	4	3,592	533	3,059	1.7	0	0	0	157.0	271.0	\$140	\$68	\$49	\$257	\$80,875	0.06
SAUK	606.44	15.30	9.6	3	5	2	0	15,618	322	15,296	0.5	0	0	0	243.0	542.0	\$52	\$54	\$61	\$167	\$100,796	0.03
Region Total	--	--	--	--	--	--	--	217,919	25,238	192,681	--	0	0	453	--	--	--	--	--	--	\$3,743,274	
Region Average	26.05	12.6		4.4	9.7	3.4	3.4	13,620	1,577	12,043	2.8	0	0	28	318.0	585.8	\$231	\$98	\$81	\$410	\$233,955	0.11

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	748,327	107,200	641,127	--	0	64	1277.0	--	--	--	--	--	--	\$15,862,291	--
Statewide Average	33.63	19.2	4.8	12.6	4.3	4.2	10,393	1,489	8,905	3.4	0.0	0.9	17.7	496.5	440.1	\$271	\$121	\$99	\$490	\$220,310	0.10