

Storm Report Summary through Week 8

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	55.37	65.4	0	18	6	2	7,308	1,217	6,091	4.9	0	0	0	486.0	302.0	\$421	\$178	\$154	\$753	\$186,630	0.09
PRICE	320.19	60.45	35.4	1	24	0	7	9,616	890	8,726	2.8	0	0	0	456.0	430.0	\$272	\$150	\$113	\$536	\$166,773	0.05
VILAS	305.24	49.11	32.9	2	18	9	9	11,463	1,044	10,419	3.4	0	0	33	545.0	287.0	\$255	\$153	\$122	\$529	\$161,268	0.07
LINCOLN	405.55	46.25	23.7	6	14	3	12	6,290	1,032	5,258	2.5	0	0	168	546.0	319.0	\$300	\$114	\$99	\$513	\$202,873	0.06
FOREST	312.38	36.73	24.3	2	16	2	2	8,517	1,120	7,397	3.6	0	64	0	394.0	221.0	\$331	\$100	\$75	\$506	\$155,553	0.10
MARATHON	874.81	40.15	13.7	23	12	12	2	13,931	1,600	12,331	1.8	0	0	0	1311.0	715.0	\$256	\$126	\$106	\$488	\$439,011	0.05
ONEIDA	396.79	44.17	20.4	6	12	4	10	9,507	1,067	8,440	2.7	0	0	0	614.0	349.0	\$229	\$121	\$118	\$469	\$186,229	0.06
FLORENCE	141.07	41.14	23.4	2	16	2	5	3,751	457	3,294	3.2	0	0	0	170.0	73.0	\$267	\$103	\$74	\$445	\$62,725	0.08
PORTAGE	560.77	35.33	11.3	6	15	4	5	6,083	1,202	4,881	2.1	0	0	0	930.0	470.0	\$182	\$150	\$112	\$444	\$247,984	0.06
MENOMINEE	90.26	28.06	13.2	0	12	5	2	10,322	370	9,952	4.1	0	0	0	74.0	32.0	\$285	\$64	\$44	\$393	\$35,467	0.15
WAUPACA	546.52	15.32	10.6	3	7	2	2	4,639	1,633	3,006	3.0	0	0	0	394.0	333.0	\$227	\$76	\$64	\$367	\$199,671	0.20
ADAMS	193.2	14.31	11.3	6	6	2	1	4,318	504	3,814	2.6	0	0	0	191.0	29.0	\$248	\$66	\$48	\$361	\$69,685	0.18
SHAWANO	520.57	25.32	16.6	3	11	6	1	2,030	1,003	1,027	1.9	0	0	0	591.0	338.0	\$139	\$104	\$78	\$321	\$166,018	0.08
WOOD	431.88	22.18	11.2	5	11	0	3	2,267	855	1,412	2.0	0	0	0	237.0	260.0	\$199	\$66	\$53	\$317	\$132,286	0.09
LANGLADE	299.21	30.70	17.1	8	10	6	4	6,274	482	5,792	1.6	0	0	0	319.0	240.0	\$122	\$99	\$85	\$306	\$91,563	0.05
MARQUETTE	245.75	14.61	6.8	4	7	1	1	4,853	522	4,331	2.1	0	0	0	123.0	145.0	\$184	\$57	\$55	\$295	\$72,546	0.15
GREEN LAKE	158.44	19.50	7.4	1	7	0	4	2,037	215	1,822	1.4	0	0	0	87.0	58.0	\$107	\$51	\$43	\$201	\$31,637	0.07
WAUSHARA	345.01	15.00	13.3	0	6	1	1	7,772	461	7,311	1.3	0	0	0	217.0	90.0	\$106	\$52	\$36	\$194	\$67,074	0.09
Region Total	--	--	--	--	--	--	--	120,978	15,674	105,304	--	0	64	201	--	--	--	--	--	--	\$2,674,993	
Region Average	32.98	19.9		4.3	12.3	3.6	4.1	6,721	871	5,850	2.6	0	4	11	426.9	260.6	\$229	\$102	\$82	\$413	\$148,611	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		
MARINETTE	436.66	34.97	13.0	21	14	2	5	7,964	1,251	6,713	2.9	0	0	0	356.0	257.0	\$199	\$76	\$69	\$344	\$149,643	0.08
MANITOWOC	426.61	19.36	8.6	3	6	3	1	9,146	1,392	7,754	3.3	0	0	0	400.0	46.0	\$192	\$64	\$43	\$298	\$127,225	0.17
BROWN	902.08	18.50	6.3	19	6	2	2	17,583	1,554	16,029	1.7	0	0	0	876.0	432.0	\$144	\$87	\$64	\$296	\$264,139	0.09
FOND DU LAC	609.98	17.51	7.0	1	3	7	1	11,659	1,037	10,622	1.7	0	0	0	302.0	494.0	\$144	\$69	\$69	\$282	\$168,328	0.10
WINNEBAGO	629.54	15.26	5.8	3	5	5	0	12,264	851	11,413	1.4	0	0	0	417.0	487.0	\$111	\$78	\$73	\$261	\$160,590	0.09
DOOR	271.8	18.52	8.0	4	6	4	1	5,171	488	4,683	1.8	0	0	0	123.0	142.0	\$130	\$57	\$55	\$242	\$65,331	0.10
OCONTO	469.52	31.56	20.0	5	11	2	6	7,399	783	6,616	1.7	0	0	0	229.0	228.0	\$110	\$57	\$48	\$215	\$100,872	0.05
KEWAUNEE	111.35	22.92	8.2	4	7	1	5	1,847	120	1,727	1.1	0	0	0	80.0	0.0	\$141	\$43	\$30	\$214	\$21,196	0.05
CALUMET	202.3	18.94	6.7	3	7	3	2	2,983	332	2,651	1.6	0	0	0	197.0	26.0	\$113	\$57	\$44	\$213	\$42,980	0.09
OUTAGAMIE	538.53	17.21	8.7	2	7	3	2	10,384	612	9,772	1.1	0	0	0	381.0	144.0	\$112	\$42	\$46	\$200	\$95,680	0.07
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	8,924	89,067	--	0	0	0	--	--	--	--	--	--	\$1,289,282	
Region Average	20.83	8.7		7.3	6.8	3.4	2.5	8,908	811	8,097	1.7	0	0	0	341.3	211.2	\$135	\$62	\$52	\$250	\$117,207	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		
BAYFIELD	316.42	35.66	34.0	4	12	12	4	6,414	1,365	5,049	4.3	0	0	0	597.0	227.0	\$306	\$148	\$111	\$564	\$174,881	0.12
JACKSON	515.44	11.22	9.5	0	5	0	2	10,672	1,427	9,245	2.8	0	0	0	242.0	332.0	\$217	\$283	\$52	\$552	\$284,532	0.25
ASHLAND	245.35	40.36	40.5	5	17	1	8	4,763	844	3,919	3.4	0	0	0	352.0	257.0	\$290	\$128	\$119	\$537	\$130,127	0.09
DUNN	519.24	30.98	17.7	4	12	5	1	12,302	2,094	10,208	4.0	0	0	0	526.0	466.0	\$296	\$107	\$111	\$513	\$269,008	0.13
DOUGLAS	451.4	46.32	30.5	2	20	1	4	10,424	1,739	8,685	3.9	0	0	0	659.0	458.0	\$230	\$142	\$118	\$490	\$221,251	0.08
TAYLOR	233.9	43.20	13.5	12	12	14	4	4,455	633	3,822	2.7	0	0	18	275.0	186.0	\$274	\$114	\$89	\$476	\$108,714	0.06
CLARK	402.56	32.08	16.4	5	14	4	1	6,957	1,265	5,692	3.1	0	0	0	328.0	306.0	\$276	\$92	\$75	\$443	\$178,535	0.10
BARRON	428.77	33.75	17.8	2	15	8	2	4,876	1,028	3,848	2.4	0	0	3	516.0	336.0	\$189	\$105	\$96	\$390	\$167,015	0.07
WASHBURN	372.14	29.23	9.2	0	14	3	1	8,014	1,018	6,996	2.7	0	0	0	299.0	294.0	\$187	\$94	\$78	\$359	\$132,402	0.09
SAINT CROIX	646.54	20.53	14.0	0	8	3	1	13,853	1,870	11,983	2.9	0	0	0	230.0	578.0	\$200	\$75	\$75	\$350	\$226,148	0.14
EAU CLAIRE	540.7	20.33	8.2	3	10	1	0	11,892	943	10,949	1.7	0	0	0	534.0	520.0	\$154	\$99	\$87	\$340	\$179,914	0.09
SAWYER	367.44	37.02	23.9	0	15	1	4	6,001	936	5,065	2.5	0	0	0	210.0	224.0	\$207	\$61	\$59	\$327	\$120,020	0.07
TREMPEALEAU	443.67	26.65	12.3	1	11	2	3	7,995	1,050	6,945	2.4	0	0	15	286.0	279.0	\$180	\$64	\$62	\$307	\$136,081	0.09
PEPIN	112.38	19.76	9.5	7	5	3	4	1,257	137	1,120	1.2	0	0	0	159.0	74.0	\$92	\$103	\$92	\$287	\$32,261	0.06
PIERCE	369.46	20.54	10.6	1	8	1	2	6,104	704	5,400	1.9	0	0	0	306.0	202.0	\$140	\$68	\$72	\$280	\$102,504	0.09
BUFFALO	317.02	25.04	12.2	4	10	3	4	3,531	612	2,919	1.9	0	0	0	235.0	172.0	\$149	\$68	\$59	\$276	\$87,391	0.08
BURNETT	237.93	17.67	6.9	0	8	2	1	4,091	469	3,622	2.0	0	0	0	113.0	108.0	\$132	\$54	\$47	\$233	\$56,284	0.11
RUSK	213.47	15.43	14.1	0	8	1	1	3,488	385	3,103	1.8	0	0	4	165.0	9.0	\$153	\$49	\$30	\$232	\$49,444	0.12
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
Region Total	--	--	--	--	--	--	--	135,269	19,017	116,252	--	0	0	40	--	--	--	--	--	--	\$2,720,132	
Region Average	27.37	16.1		2.6	11.2	3.5	2.5	7,119	1,001	6,119	2.6	0	0	2	326.1	267.9	\$199	\$99	\$77	\$375	\$143,165	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		
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
MILWAUKEE	1948.56	13.07	7.1	3	5	1	0	52,310	4,218	48,092	2.2	0	0	0	1677.0	1160.0	\$163	\$74	\$103	\$340	\$654,149	0.17
WALWORTH	706.47	16.62	14.5	4	7	2	1	20,213	1,655	18,558	2.3	0	0	0	789.0	64.0	\$152	\$68	\$55	\$275	\$193,962	0.14
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
OZAUKEE	309.54	14.73	5.2	6	6	1	2	10,722	414	10,308	1.3	0	0	0	184.0	65.0	\$91	\$47	\$39	\$176	\$54,015	0.09
Region Total	--	--	--	--	--	--	--	114,066	9,266	104,800	--	0	0	0	--	--	--	--	--	--	\$1,322,386	
Region Average	16.67	7.9		3.8	6.8	1.2	1.4	22,813	1,853	20,960	2.1	0	0	0	789.4	387.8	\$143	\$75	\$72	\$289	\$264,477	0.13

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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		
MONROE	665.65	22.60	11.1	4	7	4	3	12,258	2,327	9,931	3.5	0	0	0	247.0	722.0	\$259	\$83	\$69	\$411	\$272,690	0.15
JEFFERSON	549.67	26.91	7.5	2	10	1	5	14,538	692	13,846	1.3	0	0	0	157.0	380.0	\$237	\$57	\$53	\$347	\$152,212	0.05
COLUMBIA	787.76	24.03	8.0	6	7	8	3	24,946	2,113	22,833	2.7	0	0	6	430.0	411.0	\$218	\$64	\$55	\$337	\$265,596	0.11
JUNEAU	496.27	14.31	9.0	0	4	0	2	10,462	1,203	9,259	2.4	0	0	0	207.0	312.0	\$185	\$56	\$55	\$296	\$146,939	0.17
DODGE	637.85	12.12	7.5	3	6	2	0	19,703	1,439	18,264	2.3	0	0	0	335.0	385.0	\$168	\$68	\$55	\$291	\$182,652	0.19
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
LA CROSSE	500.74	17.62	13.0	5	3	1	5	9,997	711	9,286	1.4	0	0	0	173.0	461.0	\$116	\$71	\$69	\$256	\$127,005	0.08
VERNON	477.82	19.75	10.0	3	10	0	1	8,025	762	7,263	1.6	0	0	0	150.0	373.0	\$123	\$62	\$51	\$236	\$111,599	0.08
ROCK	683.31	13.37	8.8	0	8	1	1	14,793	1,171	13,622	1.7	0	0	0	169.0	406.0	\$138	\$48	\$50	\$235	\$160,822	0.13
RICHLAND	327.64	12.63	6.5	3	5	3	1	4,082	395	3,687	1.2	0	0	0	174.0	213.0	\$91	\$63	\$59	\$214	\$72,529	0.10
IOWA	473.13	12.60	5.3	6	6	2	0	8,518	671	7,847	1.4	0	0	0	189.0	243.0	\$98	\$49	\$45	\$193	\$91,112	0.11
CRAWFORD	395.79	18.91	6.1	5	5	4	3	5,710	517	5,193	1.3	0	0	0	137.0	151.0	\$93	\$41	\$33	\$168	\$66,362	0.07
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
GRANT	624.93	15.57	4.6	2	5	3	1	10,676	884	9,792	1.4	0	0	30	106.0	222.0	\$100	\$27	\$25	\$153	\$94,748	0.09
GREEN	314.64	14.91	5.4	5	5	3	1	3,592	248	3,344	0.8	0	0	0	106.0	133.0	\$65	\$36	\$27	\$129	\$40,436	0.05
LAFAYETTE	299.38	10.10	6.1	3	5	0	1	3,487	263	3,224	0.9	0	0	125	86.0	95.0	\$65	\$31	\$26	\$122	\$36,539	0.09
Region Total	--	--	--	--	--	--	--	217,919	15,271	202,648	--	0	0	161	--	--	--	--	--	--	\$2,364,294	
Region Average	16.13	7.5		3.2	5.9	2.1	1.8	13,620	954	12,666	1.6	0	0	10	191.5	382.3	\$131	\$60	\$50	\$240	\$147,768	0.10

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	686,223	68,152	618,071	--	0	64	402.0	--	--	--	--	--	--	\$10,371,086	--
Statewide Average	24.41	13.3	4.0	9.2	3.0	2.6	9,945	988	8,958	2.2	0.0	0.9	5.8	357.2	292.2	\$177	\$83	\$68	\$327	\$150,306	0.10