

Storm Report Summary - Thru Week 10 (1/7/21)

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	62.97	71.0	0	21	6	7	7,300	1,389	5,911	5.6	0	0	0	337.0	432.0	\$508	\$234	\$153	\$895	\$223,382	0.09
VILAS	307.26	52.22	35.0	2	23	8	13	9,550	1,362	8,188	4.4	0	0	291	700.0	228.0	\$449	\$236	\$144	\$830	\$254,891	0.08
PRICE	320.19	41.14	27.6	8	13	16	6	6,700	1,088	5,612	3.4	0	0	0	631.0	183.0	\$350	\$203	\$110	\$663	\$212,440	0.08
ONEIDA	396.79	51.31	21.7	5	18	7	12	10,450	878	9,572	2.2	0	0	199	1240.0	262.0	\$226	\$230	\$177	\$633	\$251,304	0.04
LINCOLN	405.55	47.48	27.1	7	16	2	8	6,700	952	5,748	2.3	0	0	463	497.0	315.0	\$271	\$159	\$102	\$532	\$215,563	0.05
MARATHON	874.81	30.95	14.4	18	13	13	4	15,400	1,852	13,548	2.1	0	22	11	1032.0	1001.0	\$205	\$156	\$118	\$480	\$420,018	0.07
FLORENCE	141.07	31.17	17.5	3	13	4	4	3,680	448	3,232	3.2	0	0	12	218.0	12.0	\$282	\$128	\$53	\$462	\$65,191	0.10
PORTAGE	577.47	31.30	22.5	8	13	1	5	9,039	1,170	7,869	2.0	0	0	0	1354.0	0.0	\$184	\$182	\$95	\$461	\$266,335	0.06
SHAWANO	524.17	26.05	19.9	4	12	7	2	10,288	916	9,372	1.7	0	0	0	716.0	270.0	\$136	\$205	\$97	\$437	\$229,265	0.07
FOREST	312.38	30.04	17.5	1	14	1	2	7,615	819	6,796	2.6	0	0	0	333.0	184.0	\$234	\$116	\$71	\$421	\$131,357	0.09
MENOMINEE	90.26	16.12	11.0	0	9	3	0	2,350	328	2,022	3.6	0	0	0	70.0	19.0	\$280	\$79	\$43	\$401	\$36,222	0.23
MARQUETTE	245.75	17.76	17.1	5	8	1	2	4,850	415	4,435	1.7	0	0	0	171.0	131.0	\$198	\$92	\$71	\$361	\$88,740	0.10
ADAMS	193.2	20.74	14.2	6	6	1	5	4,300	403	3,897	2.1	0	0	0	211.0	10.0	\$217	\$87	\$47	\$351	\$67,884	0.10
WAUPACA	549.78	20.88	12.0	5	6	2	4	11,400	1,143	10,257	2.1	0	0	0	384.0	168.0	\$174	\$78	\$51	\$303	\$166,458	0.10
LANGLADE	299.21	40.99	17.0	7	17	5	5	6,450	271	6,179	0.9	0	0	0	369.0	134.0	\$92	\$127	\$77	\$296	\$88,443	0.02
GREEN LAKE	158.44	21.43	7.1	1	7	4	3	2,148	245	1,903	1.5	0	0	0	68.0	105.0	\$129	\$79	\$64	\$272	\$43,092	0.07
WAUSHARA	345.01	12.83	13.0	0	5	3	1	4,600	345	4,255	1.0	0	0	0	230.0	48.0	\$89	\$64	\$36	\$189	\$65,144	0.08
WOOD	429.28	12.28	12.0	10	6	1	2	8,000	276	7,724	0.6	0	0	0	292.0	52.0	\$64	\$46	\$38	\$148	\$63,373	0.05
Region Total	--	--	--	--	--	--	--	130,820	14,300	116,520	--	0	22	976	--	--	--	--	--	--	\$2,889,100	
Region Average	31.54	21.0		5.0	12.2	4.7	4.7	7,268	794	6,473	2.4	0	1	54	491.8	197.4	\$227	\$139	\$86	\$452	\$160,506	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	17.74	12.0	3	3	9	0	11,080	1,223	9,857	2.0	0	0	0	397.0	504.0	\$180	\$105	\$87	\$372	\$226,836	0.11
WINNEBAGO	655.97	19.82	9.4	8	6	7	1	12,695	1,165	11,530	1.8	0	0	0	561.0	529.0	\$152	\$111	\$87	\$350	\$229,730	0.09
KEWAUNEE	111.35	20.75	15.1	2	7	4	1	1,701	181	1,520	1.6	0	0	12	90.0	37.0	\$149	\$91	\$57	\$297	\$33,115	0.08
MANITOWOC	426.65	19.80	7.7	8	7	1	5	9,115	641	8,474	1.5	0	0	0	227.0	371.0	\$112	\$112	\$72	\$296	\$126,177	0.08
CALUMET	202.44	16.52	9.2	7	8	3	0	2,750	247	2,503	1.2	0	0	0	221.0	74.0	\$95	\$106	\$71	\$272	\$55,053	0.07
MARINETTE	436.66	23.22	19.0	10	8	6	0	8,910	711	8,199	1.6	0	0	0	230.0	178.0	\$126	\$68	\$51	\$246	\$107,270	0.07
OCONTO	469.52	20.51	14.7	4	10	2	0	7,203	601	6,602	1.3	0	0	0	257.0	222.0	\$100	\$77	\$57	\$233	\$109,516	0.06
DOOR	271.88	17.51	9.3	8	7	3	2	4,956	319	4,637	1.2	0	0	0	111.0	87.0	\$95	\$58	\$47	\$200	\$54,431	0.07
BROWN	902.7	11.76	3.5	21	7	0	0	20,996	536	20,460	0.6	0	0	0	187.0	443.0	\$50	\$55	\$42	\$147	\$132,945	0.05
SHEBOYGAN	528.68	12.92	7.1	13	5	4	0	11,198	231	10,967	0.4	0	0	0	167.0	140.0	\$46	\$45	\$35	\$127	\$66,984	0.03
OUTAGAMIE	540.63	3.09	1.0	1	1	2	0	11,140	109	11,031	0.2	0	0	0	62.0	68.0	\$18	\$13	\$17	\$48	\$26,206	0.07
Region Total	--	--	--	--	--	--	--	101,744	5,964	95,780	--	0	0	12	--	--	--	--	--	--	\$1,168,262	
Region Average	16.69	9.8		7.7	6.3	3.7	0.8	9,249	542	8,707	1.2	0	0	1	228.2	241.2	\$102	\$77	\$57	\$235	\$106,206	0.07

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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	38.45	31.6	5	15	24	2	6,300	2,549	3,751	5.9	0	0	484	1350.0	743.0	\$524	\$342	\$248	\$1,114	\$477,390	0.15
DOUGLAS	465.89	51.24	38.4	14	19	11	6	10,863	2,643	8,220	5.7	0	0	0	1178.0	557.0	\$379	\$249	\$184	\$812	\$378,347	0.11
WASHBURN	372.14	37.74	30.7	4	17	9	6	8,027	2,045	5,982	5.5	0	0	171	621.0	450.0	\$412	\$230	\$154	\$796	\$296,184	0.15
SAINT CROIX	653.71	29.96	32.2	0	12	3	4	16,197	3,581	12,616	5.5	0	0	285	553.0	1197.0	\$419	\$214	\$143	\$775	\$506,918	0.18
BAYFIELD	316.42	52.57	41.1	3	17	16	1	7,890	1,648	6,242	5.2	0	0	0	523.0	409.0	\$376	\$235	\$159	\$770	\$243,568	0.10
TAYLOR	233.9	39.51	14.6	16	16	20	7	4,385	909	3,476	3.9	0	0	5	373.0	247.0	\$410	\$200	\$132	\$743	\$173,701	0.10
DUNN	519.24	29.35	17.8	2	12	4	3	13,291	2,573	10,718	5.0	0	0	125	517.0	528.0	\$398	\$159	\$129	\$685	\$355,905	0.17
SAWYER	367.44	42.31	38.0	0	17	6	7	6,700	1,720	4,980	4.7	0	0	29	317.0	445.0	\$408	\$154	\$119	\$681	\$250,203	0.11
PIERCE	369.46	35.17	26.2	0	16	7	2	6,040	1,400	4,640	3.8	0	0	174	573.0	426.0	\$303	\$188	\$146	\$637	\$235,442	0.11
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
BURNETT	237.93	35.71	26.0	4	14	5	6	3,301	931	2,370	3.9	0	0	3	189.0	303.0	\$291	\$160	\$109	\$560	\$133,182	0.11
CLARK	402.56	25.56	22.5	4	12	6	4	7,250	1,448	5,802	3.6	0	0	0	229.0	360.0	\$340	\$117	\$79	\$537	\$216,007	0.14
PEPIN	112.38	24.54	19.2	5	9	2	3	1,279	218	1,061	1.9	0	0	11	205.0	145.0	\$169	\$195	\$161	\$525	\$58,996	0.08
ASHLAND	245.35	42.81	26.7	5	16	4	11	4,492	559	3,933	2.3	0	0	0	212.0	277.0	\$201	\$150	\$107	\$458	\$112,268	0.05
EAU CLAIRE	540.7	27.87	12.8	3	11	2	3	12,452	1,288	11,164	2.4	0	0	0	682.0	580.0	\$201	\$139	\$117	\$456	\$246,659	0.09
RUSK	213.47	22.21	16.0	0	11	4	2	3,466	564	2,902	2.6	0	0	61	166.0	133.0	\$244	\$105	\$68	\$417	\$88,990	0.12
JACKSON	515.44	18.53	12.5	0	7	4	3	11,590	1,058	10,532	2.1	0	0	0	231.0	277.0	\$177	\$162	\$48	\$387	\$199,395	0.11
TREMPEALEAU	443.67	17.78	18.1	2	8	0	3	8,757	913	7,844	2.1	0	0	0	265.0	240.0	\$170	\$82	\$61	\$312	\$138,599	0.12
BUFFALO	317.02	23.90	18.1	3	8	5	5	3,301	408	2,893	1.3	0	0	20	251.0	156.0	\$107	\$87	\$59	\$252	\$79,921	0.05
Region Total	--	--	--	--	--	--	--	150,103	28,497	121,606	--	0	0	1561	--	--	--	--	--	--	\$4,606,231	
Region Average	32.83	24.5		3.9	13.1	7.3	4.3	7,900	1,500	6,400	3.7	0	0	82	488.1	442.6	\$305	\$178	\$125	\$608	\$242,433	0.11

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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		
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	\$2,665	\$2,760	\$3,065,542	0.03
WASHINGTON	607.17	26.20	20.3	5	7	6	2	16,132	1,492	14,640	2.5	0	0	0	274.0	720.0	\$202	\$116	\$100	\$419	\$254,151	0.09
OZAUKEE	309.78	13.25	14.0	2	4	0	1	9,951	648	9,303	2.1	0	0	0	171.0	173.0	\$155	\$85	\$69	\$309	\$95,735	0.16
WALWORTH	708.76	12.86	6.9	11	4	1	3	19,491	588	18,903	0.8	0	0	0	365.0	223.0	\$70	\$56	\$48	\$174	\$123,336	0.06
RACINE	731.45	4.83	2.4	2	3	0	1	17,956	181	17,775	0.2	0	0	0	26.0	175.0	\$21	\$44	\$21	\$85	\$62,401	0.05
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
MILWAUKEE	2005.05	3.09	0.1	0	1	1	0	55,324	403	54,921	0.2	0	0	0	0.0	520.0	\$15	\$18	\$24	\$56	\$112,231	0.07
Region Total	--	--	--	--	--	--	--	174,384	4,011	170,373	--	0	0	0	--	--	--	--	--	--	\$3,751,409	
Region Average	11.29	6.9	6.9	4.4	3.6	1.1	1.6	24,912	573	24,339	0.9	0	0	0	195.3	326.6	\$75	\$56	\$420	\$551	\$535,916	0.08

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				Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
COLUMBIA	795.19	22.28	12.0	20	4	8	3	24,982	2,373	22,609	3.0	0	0	0	671.0	675.0	\$268	\$135	\$93	\$496	\$394,165	0.13
GREEN	314.64	25.54	25.6	5	7	11	2	4,359	574	3,785	1.8	0	0	5	375.0	431.0	\$175	\$189	\$117	\$482	\$151,504	0.07
JUNEAU	496.27	26.23	9.8	10	10	4	3	10,968	1,280	9,688	2.6	0	0	0	503.0	453.0	\$229	\$138	\$112	\$479	\$237,530	0.10
DODGE	638.15	13.69	18.0	15	5	2	1	19,921	1,811	18,110	2.8	0	0	0	416.0	726.0	\$219	\$142	\$111	\$472	\$301,299	0.21
GRANT	624.93	23.94	14.6	1	7	9	2	10,601	1,731	8,870	2.8	0	0	285	539.0	555.0	\$211	\$128	\$85	\$424	\$264,915	0.12
MONROE	666.31	24.45	13.2	7	9	5	2	15,765	1,778	13,987	2.7	0	0	0	492.0	532.0	\$224	\$121	\$77	\$422	\$281,505	0.11
JEFFERSON	549.67	26.13	20.6	5	7	8	4	14,868	685	14,183	1.2	0	0	0	415.0	771.0	\$104	\$172	\$136	\$412	\$226,722	0.05
IOWA	476.71	17.82	19.7	8	6	4	1	8,548	1,113	7,435	2.3	0	0	0	338.0	526.0	\$185	\$124	\$89	\$397	\$189,467	0.13
LAFAYETTE	299.38	20.07	20.1	3	7	3	3	3,586	633	2,953	2.1	0	0	352	134.0	295.0	\$181	\$104	\$73	\$359	\$107,392	0.11
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
VERNON	477.82	18.30	9.0	12	7	6	1	8,179	735	7,444	1.5	0	0	0	271.0	387.0	\$129	\$107	\$65	\$300	\$143,556	0.08
RICHLAND	327.64	13.51	11.0	7	4	6	1	3,867	386	3,481	1.2	0	0	0	282.0	217.0	\$110	\$103	\$72	\$285	\$93,380	0.09
DANE	1666.77	7.76	7.7	5	3	0	1	53,430	2,470	50,960	1.5	0	0	0	354.0	1187.0	\$123	\$68	\$80	\$271	\$451,760	0.19
CRAWFORD	397.19	14.37	10.0	11	4	5	1	5,572	555	5,017	1.4	0	0	9	266.0	218.0	\$116	\$87	\$59	\$262	\$103,917	0.10
SAUK	625.18	5.93	4.0	5	2	2	0	16,237	428	15,809	0.7	0	0	0	45.0	197.0	\$66	\$31	\$21	\$118	\$73,479	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	17,991	209,824	--	0	0	651	--	--	--	--	--	--	\$3,330,817	
Region Average	17.45	13.5		7.4	5.5	4.6	1.8	14,238	1,124	13,114	1.8	0	0	41	352.3	496.7	\$157	\$112	\$81	\$350	\$208,176	0.11

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	784,866	70,763	714,103	--	0	22	3200.0	--	--	--	--	--	--	\$15,745,820	--
Statewide Average	24.41	17.1	5.6	9.2	4.9	3.0	11,054	997	10,058	2.3	0.0	0.3	45.1	389.3	350.0	\$198	\$126	\$124	\$447	\$221,772	0.09