

Storm Report Summary - Thru Week 9 (12/31/20)

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	61.36	70.0	0	20	5	7	7,300	1,331	5,969	5.3	0	0	0	299.0	429.0	\$487	\$221	\$147	\$854	\$213,183	0.09
VILAS	307.26	47.90	32.0	2	21	7	13	9,550	1,284	8,266	4.2	0	0	291	614.0	228.0	\$424	\$216	\$132	\$772	\$237,212	0.09
PRICE	320.19	39.94	27.6	8	13	15	6	6,700	1,071	5,629	3.3	0	0	0	607.0	183.0	\$344	\$197	\$107	\$648	\$207,568	0.08
ONEIDA	396.79	45.60	18.2	5	16	6	10	10,450	712	9,738	1.8	0	0	199	1004.0	262.0	\$187	\$191	\$151	\$529	\$210,017	0.04
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
MARATHON	874.81	26.99	13.4	14	12	11	4	15,400	1,720	13,680	2.0	0	22	11	994.0	933.0	\$190	\$148	\$112	\$450	\$393,548	0.07
PORTAGE	577.47	29.24	22.0	7	12	1	5	9,039	1,087	7,952	1.9	0	0	0	1281.0	0.0	\$171	\$172	\$90	\$433	\$249,826	0.06
LINCOLN	405.55	41.54	24.1	6	14	1	8	6,700	734	5,966	1.8	0	0	450	445.0	230.0	\$212	\$133	\$83	\$428	\$173,487	0.04
FOREST	312.38	28.83	17.5	1	14	0	2	7,615	813	6,802	2.6	0	0	0	321.0	184.0	\$232	\$113	\$69	\$415	\$129,514	0.09
MENOMINEE	90.26	13.52	10.5	0	8	2	0	2,350	308	2,042	3.4	0	0	0	64.0	19.0	\$263	\$74	\$40	\$376	\$33,960	0.25
ADAMS	193.2	19.49	14.1	6	5	1	5	4,300	370	3,930	1.9	0	0	0	193.0	10.0	\$200	\$80	\$43	\$324	\$62,620	0.10
MARQUETTE	245.75	16.56	17.1	4	7	1	2	4,850	376	4,474	1.5	0	0	0	159.0	116.0	\$176	\$83	\$64	\$323	\$79,490	0.09
LANGLADE	299.21	39.67	16.7	6	16	4	5	6,450	270	6,180	0.9	0	0	0	332.0	134.0	\$89	\$118	\$72	\$279	\$83,409	0.02
GREEN LAKE	158.44	14.06	5.0	0	5	2	2	2,148	177	1,971	1.1	0	0	0	38.0	81.0	\$92	\$54	\$46	\$192	\$30,424	0.08
SHAWANO	524.17	17.38	11.4	4	8	3	2	10,288	398	9,890	0.8	0	0	0	285.0	106.0	\$60	\$71	\$38	\$169	\$88,654	0.04
WOOD	429.28	12.28	12.0	4	6	1	2	8,000	276	7,724	0.6	0	0	0	265.0	52.0	\$62	\$41	\$35	\$138	\$59,311	0.05
WAUSHARA	345.01	7.42	9.0	0	3	3	0	4,600	188	4,412	0.5	0	0	0	122.0	48.0	\$48	\$39	\$23	\$111	\$38,232	0.07
WAUPACA	549.78	12.85	4.0	5	3	1	4	11,400	305	11,095	0.6	0	0	0	134.0	77.0	\$50	\$29	\$20	\$99	\$54,333	0.04
Region Total	--	--	--	--	--	--	--	130,820	11,868	118,952	--	0	22	963	--	--	--	--	--	--	\$2,409,979	
Region Average	28.10	19.0		4.2	10.9	3.8	4.5	7,268	659	6,608	2.1	0	1	54	409.7	172.4	\$198	\$117	\$74	\$389	\$133,888	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	15.32	12.0	2	3	7	0	11,080	1,142	9,938	1.9	0	0	0	346.0	477.0	\$167	\$95	\$80	\$342	\$208,519	0.12
WINNEBAGO	655.97	12.52	9.2	7	5	1	1	12,695	1,103	11,592	1.7	0	0	0	393.0	508.0	\$142	\$99	\$74	\$315	\$206,307	0.13
MANITOWOC	426.65	19.80	7.7	6	7	1	5	9,115	641	8,474	1.5	0	0	0	220.0	371.0	\$109	\$111	\$71	\$291	\$124,197	0.08
KEWAUNEE	111.35	19.53	15.0	2	6	4	1	1,701	181	1,520	1.6	0	0	12	83.0	37.0	\$149	\$86	\$54	\$290	\$32,250	0.08
CALUMET	202.44	16.52	9.2	3	8	3	0	2,750	247	2,503	1.2	0	0	0	203.0	74.0	\$90	\$96	\$67	\$253	\$51,248	0.07
MARINETTE	436.66	23.22	19.0	9	8	6	0	8,910	711	8,199	1.6	0	0	0	225.0	178.0	\$125	\$67	\$51	\$243	\$106,174	0.07
DOOR	271.88	14.28	9.3	4	7	2	1	4,956	315	4,641	1.2	0	0	0	82.0	87.0	\$90	\$50	\$42	\$181	\$49,317	0.08
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
OCONTO	469.52	12.49	6.6	4	6	1	0	7,203	114	7,089	0.2	0	0	0	81.0	65.0	\$21	\$23	\$17	\$61	\$28,603	0.02
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	5,330	96,414	--	0	0	12	--	--	--	--	--	--	\$1,032,751	
Region Average	14.68	9.1	6.5	5.7	2.8	0.7	9,249	485	8,765	1.1	0	0	1	186.3	222.5	\$92	\$67	\$50	\$209	\$93,886	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	34.27	30.6	4	14	22	1	6,300	2,461	3,839	5.7	0	0	484	1240.0	743.0	\$506	\$324	\$237	\$1,067	\$457,229	0.17
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	46.38	40.6	3	16	12	1	7,890	1,581	6,309	5.0	0	0	0	459.0	404.0	\$361	\$217	\$149	\$727	\$230,050	0.11
WASHBURN	372.14	36.35	30.4	2	16	5	6	8,027	1,974	6,053	5.3	0	0	171	453.0	450.0	\$398	\$194	\$135	\$726	\$270,127	0.15
TAYLOR	233.9	35.03	14.5	15	15	16	6	4,385	863	3,522	3.7	0	0	2	338.0	239.0	\$388	\$187	\$124	\$699	\$163,558	0.11
DOUGLAS	465.89	45.29	32.9	12	17	7	6	10,863	2,277	8,586	4.9	0	0	0	907.0	529.0	\$327	\$204	\$155	\$687	\$319,888	0.11
DUNN	519.24	28.15	17.8	2	12	3	3	13,291	2,570	10,721	4.9	0	0	125	517.0	526.0	\$397	\$159	\$128	\$684	\$355,354	0.18
SAWYER	367.44	40.85	37.0	0	16	6	7	6,700	1,658	5,042	4.5	0	0	29	302.0	438.0	\$393	\$149	\$116	\$659	\$242,001	0.11
PIERCE	369.46	32.53	25.2	0	14	7	2	6,040	1,388	4,652	3.8	0	0	174	545.0	426.0	\$301	\$184	\$143	\$627	\$231,817	0.12
CHIPPEWA	654.65	24.75	22.7	4	11	5	3	14,522	1,923	12,599	2.9	0	0	193	728.0	935.0	\$256	\$204	\$137	\$597	\$390,646	0.12
BURNETT	237.93	34.21	25.7	3	13	5	6	3,301	915	2,386	3.8	0	0	3	172.0	303.0	\$286	\$154	\$106	\$546	\$129,952	0.11
CLARK	402.56	24.07	21.5	4	11	5	3	7,250	1,353	5,897	3.4	0	0	0	211.0	352.0	\$318	\$112	\$76	\$506	\$203,763	0.14
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	26.67	12.8	3	11	1	3	12,452	1,273	11,179	2.4	0	0	0	648.0	580.0	\$198	\$135	\$114	\$447	\$241,795	0.09
PEPIN	112.38	21.15	16.2	5	8	1	3	1,279	167	1,112	1.5	0	0	11	170.0	129.0	\$131	\$164	\$139	\$434	\$48,767	0.07
JACKSON	515.44	17.33	12.5	0	7	3	3	11,590	1,021	10,569	2.0	0	0	0	215.0	277.0	\$171	\$159	\$47	\$377	\$194,387	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
RUSK	213.47	9.21	6.0	0	5	1	1	3,466	116	3,350	0.5	0	0	0	99.0	15.0	\$49	\$40	\$23	\$112	\$23,910	0.06
Region Total	--	--	--	--	--	--	--	150,103	27,001	123,102	--	0	0	1497	--	--	--	--	--	--	\$4,340,948	
Region Average	30.04	23.2		3.5	12.1	5.8	4.1	7,900	1,421	6,479	3.4	0	0	79	436.1	432.4	\$283	\$164	\$116	\$563	\$228,471	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	4.17	2.7	1	2	0	0	41,670	431	41,239	0.4	0	0	0	146.0	390.0	\$30	\$34	\$2,598	\$2,662	\$2,956,200	0.09
OZAUKEE	309.78	10.46	9.0	2	3	0	1	9,951	371	9,580	1.2	0	0	0	147.0	93.0	\$90	\$59	\$46	\$195	\$60,285	0.11
RACINE	731.45	2.29	2.0	2	1	0	1	17,956	115	17,841	0.2	0	0	0	20.0	126.0	\$14	\$38	\$15	\$67	\$48,964	0.07
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
WALWORTH	708.76	5.07	1.9	7	2	0	1	19,491	101	19,390	0.1	0	0	0	195.0	12.0	\$15	\$18	\$15	\$48	\$33,775	0.03
WASHINGTON	607.17	1.88	1.0	1	1	0	0	16,132	86	16,046	0.1	0	0	0	91.0	7.0	\$12	\$11	\$8	\$30	\$18,216	0.08
Region Total	--	--	--	--	--	--	--	174,384	1,765	172,619	--	0	0	0	--	--	--	--	--	--	\$3,267,683	
Region Average	4.58	2.6		1.9	1.9	0.1	0.4	24,912	252	24,660	0.4	0	0	0	96.7	175.0	\$29	\$28	\$388	\$445	\$466,812	0.07

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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		
JUNEAU	496.27	22.89	9.5	9	9	3	2	10,968	1,177	9,791	2.4	0	0	0	452.0	425.0	\$210	\$126	\$103	\$440	\$218,225	0.10
DODGE	638.15	11.48	15.0	13	4	2	0	19,921	1,659	18,262	2.6	0	0	0	388.0	659.0	\$199	\$130	\$102	\$431	\$275,192	0.23
MONROE	666.31	20.79	13.1	6	8	3	2	15,765	1,699	14,066	2.5	0	0	0	439.0	515.0	\$211	\$111	\$73	\$394	\$262,503	0.12
IOWA	476.71	14.15	19.6	7	5	2	1	8,548	1,110	7,438	2.3	0	0	0	330.0	515.0	\$184	\$120	\$87	\$392	\$186,693	0.16
GRANT	624.93	18.94	14.0	1	5	7	1	10,601	1,603	8,998	2.6	0	0	270	461.0	521.0	\$195	\$116	\$77	\$388	\$242,656	0.14
GREEN	314.64	18.39	23.4	4	5	6	1	4,359	421	3,938	1.3	0	0	5	317.0	314.0	\$128	\$143	\$90	\$361	\$113,437	0.07
LAFAYETTE	299.38	13.64	17.0	3	5	2	2	3,586	547	3,039	1.8	0	0	303	124.0	262.0	\$157	\$94	\$65	\$316	\$94,596	0.13
VERNON	477.82	17.09	9.0	9	7	4	1	8,179	706	7,473	1.5	0	0	0	228.0	368.0	\$122	\$96	\$59	\$278	\$132,736	0.09
JEFFERSON	549.67	15.70	13.6	5	5	4	3	14,868	386	14,482	0.7	0	0	0	335.0	496.0	\$60	\$120	\$93	\$273	\$150,327	0.04
RICHLAND	327.64	13.51	11.0	6	4	5	1	3,867	380	3,487	1.2	0	0	0	254.0	211.0	\$107	\$97	\$67	\$272	\$88,996	0.09
CRAWFORD	397.19	11.96	10.0	10	4	3	1	5,572	539	5,033	1.4	0	0	9	223.0	218.0	\$112	\$80	\$55	\$247	\$98,059	0.11
COLUMBIA	795.19	10.58	5.0	19	2	4	2	24,982	1,027	23,955	1.3	0	0	0	353.0	365.0	\$116	\$72	\$50	\$238	\$188,878	0.12
ROCK	805.66	9.36	7.5	1	3	1	1	16,922	873	16,049	1.1	0	0	0	211.0	474.0	\$94	\$66	\$52	\$212	\$171,135	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
DANE	1666.77	4.00	1.7	3	2	0	1	53,430	535	52,895	0.3	0	0	0	295.0	178.0	\$27	\$21	\$21	\$69	\$114,516	0.08
SAUK	625.18	1.49	1.0	0	1	1	0	16,237	12	16,225	0.0	0	0	0	9.0	4.0	\$2	\$1	\$1	\$4	\$2,368	0.01
Region Total	--	--	--	--	--	--	--	227,815	12,804	215,011	--	0	0	587	--	--	--	--	--	--	\$2,387,400	
Region Average	13.10	11.0		6.3	4.4	2.9	1.3	14,238	800	13,438	1.5	0	0	37	287.2	349.4	\$122	\$89	\$64	\$275	\$149,212	0.10

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	784,866	58,768	726,098	--	0	22	3059.0	--	--	--	--	--	--	\$13,438,760	--
Statewide Average	20.84	15.2	4.6	8.1	3.6	2.7	11,054	828	10,227	2.0	0.0	0.3	43.1	323.7	289.9	\$171	\$107	\$110	\$388	\$189,278	0.09