

# Storm Report Summary - Thru Week 4 (11/26/20)

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	31.57	30.0	0	11	2	4	7,300	461	6,839	1.8	0	0	0	84.0	189.0	\$168	\$83	\$57	\$308	\$76,887	0.06
PRICE	320.19	19.76	9.1	4	6	8	5	6,700	331	6,369	1.0	0	0	0	179.0	90.0	\$107	\$67	\$38	\$212	\$68,003	0.05
VILAS	307.26	16.41	15.0	1	9	1	6	9,550	314	9,236	1.0	0	0	0	206.0	34.0	\$102	\$62	\$35	\$199	\$61,182	0.06
MARATHON	874.81	13.34	7.2	8	6	7	3	15,400	554	14,846	0.6	0	0	0	441.0	417.0	\$64	\$59	\$50	\$172	\$150,742	0.05
PORTAGE	577.47	12.04	9.5	3	5	0	3	9,039	350	8,689	0.6	0	0	0	520.0	0.0	\$55	\$72	\$36	\$164	\$94,549	0.05
ONEIDA	396.79	26.89	9.2	3	8	3	8	10,450	169	10,281	0.4	0	0	0	401.0	44.0	\$46	\$67	\$51	\$164	\$64,902	0.02
FLORENCE	141.07	15.13	8.2	1	5	3	2	3,680	142	3,538	1.0	0	0	0	86.0	2.0	\$89	\$48	\$20	\$157	\$22,148	0.07
LINCOLN	405.55	26.01	16.0	5	7	1	6	6,700	224	6,476	0.6	0	0	0	213.0	49.0	\$70	\$49	\$30	\$148	\$60,198	0.02
FOREST	312.38	11.46	7.8	1	6	0	1	7,615	251	7,364	0.8	0	0	0	110.0	65.0	\$73	\$40	\$24	\$137	\$42,704	0.07
MENOMINEE	90.26	3.68	2.5	0	2	1	0	2,350	78	2,272	0.9	0	0	0	24.0	0.0	\$67	\$21	\$10	\$98	\$8,863	0.23
ADAMS	193.2	2.51	3.0	0	1	0	1	4,300	102	4,198	0.5	0	0	0	42.0	0.0	\$50	\$16	\$9	\$75	\$14,406	0.21
LANGLADE	299.21	12.14	8.5	2	6	1	1	6,450	48	6,402	0.2	0	0	0	95.0	34.0	\$18	\$32	\$20	\$69	\$20,788	0.01
WOOD	429.28	4.23	5.0	2	2	0	0	8,000	72	7,928	0.2	0	0	0	106.0	14.0	\$17	\$7	\$13	\$37	\$15,799	0.04
SHAWANO	524.17	7.36	7.0	0	3	2	1	10,288	75	10,213	0.1	0	0	0	98.0	1.0	\$11	\$15	\$9	\$35	\$18,204	0.02
MARQUETTE	245.75	1.68	2.0	1	1	1	1	4,850	17	4,833	0.1	0	0	0	29.0	13.0	\$12	\$12	\$9	\$34	\$8,412	0.04
WAUSHARA	345.01	1.78	2.0	0	1	1	0	4,600	5	4,595	0.0	0	0	0	16.0	2.0	\$2	\$4	\$2	\$8	\$2,755	0.01
WAUPACA	549.78	2.02	0.0	2	0	0	1	11,400	0	11,400	0.0	0	0	0	18.0	3.0	\$2	\$3	\$2	\$6	\$3,469	0.00
<b>Region Total</b>	--	--	--	--	--	--	--	128,672	3,193	125,479	--	0	0	0	--	--	--	--	--	--	\$734,012	
<b>Region Average</b>	12.24	8.4		1.9	4.6	1.8	2.5	7,569	188	7,381	0.6	0	0	0	156.9	56.3	\$56	\$39	\$24	\$119	\$43,177	0.06

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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		
KEWAUNEE	111.35	1.21	0.0	1	0	1	0	1,701	0	1,701	0.0	0	0	0	15.0	0.0	\$7	\$11	\$6	\$24	\$2,617	0.00
BROWN	902.7	2.93	0.2	12	2	0	0	20,996	15	20,981	0.0	0	0	0	92.0	20.0	\$3	\$10	\$6	\$19	\$16,720	0.01
FOND DU LAC	609.08	1.21	0.0	0	0	2	0	11,080	22	11,058	0.0	0	0	0	37.0	7.0	\$3	\$5	\$4	\$11	\$6,853	0.03
OCONTO	469.52	5.91	5.0	1	3	0	0	7,203	14	7,189	0.0	0	0	0	24.0	2.0	\$2	\$4	\$3	\$9	\$4,253	0.01
MARINETTE	436.66	6.03	0.0	0	0	5	0	8,910	4	8,906	0.0	0	0	0	19.0	1.0	\$1	\$3	\$2	\$6	\$2,657	0.00
DOOR	271.88	0.00	0.0	1	0	0	0	4,956	0	4,956	0.0	0	0	0	7.0	0.0	\$2	\$2	\$1	\$5	\$1,362	0.00
MANITOWOC	426.65	3.63	0.5	1	1	1	1	9,115	2	9,113	0.0	0	0	0	12.0	0.0	\$1	\$2	\$1	\$4	\$1,755	0.00
CALUMET	202.44	1.59	0.1	0	1	0	0	2,750	0	2,750	0.0	0	0	0	1.0	0.0	\$0	\$0	\$0	\$1	\$123	0.00
<b>Region Total</b>	--	--	--	--	--	--	--	66,711	57	66,654	--	0	0	0	--	--	--	--	--	--	\$36,341	
<b>Region Average</b>	2.81	0.7	0.7	2.0	0.9	1.1	0.1	8,339	7	8,332	0.0	0	0	0	25.9	3.8	\$2	\$5	\$3	\$10	\$4,543	0.01

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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	12.36	16.0	0	6	15	0	6,300	1,145	5,155	2.7	0	0	0	561.0	334.0	\$227	\$144	\$107	\$478	\$204,900	0.22
DUNN	519.24	18.90	11.3	2	8	2	3	13,291	1,161	12,130	2.2	0	0	0	381.0	207.0	\$178	\$92	\$68	\$338	\$175,372	0.12
SAINT CROIX	653.71	11.36	15.0	0	5	0	2	16,197	1,456	14,741	2.2	0	0	0	303.0	389.0	\$167	\$85	\$54	\$306	\$199,753	0.20
DOUGLAS	465.89	25.10	16.8	8	9	2	4	10,863	940	9,923	2.0	0	0	0	397.0	254.0	\$135	\$90	\$71	\$297	\$138,145	0.08
PIERCE	369.46	17.88	15.7	0	8	4	2	6,040	638	5,402	1.7	0	0	0	285.0	171.0	\$135	\$89	\$65	\$289	\$106,733	0.10
TAYLOR	233.9	16.46	10.1	8	8	8	4	4,385	283	4,102	1.2	0	0	2	169.0	81.0	\$128	\$80	\$52	\$260	\$60,874	0.07
CLARK	402.56	13.22	13.0	4	7	2	1	7,250	567	6,683	1.4	0	0	0	132.0	159.0	\$134	\$58	\$38	\$230	\$92,664	0.11
SAWYER	367.44	16.07	16.0	0	8	1	3	6,700	547	6,153	1.5	0	0	0	103.0	167.0	\$129	\$55	\$43	\$227	\$83,511	0.09
BURNETT	237.93	19.29	14.4	1	8	2	5	3,301	342	2,959	1.4	0	0	0	81.0	108.0	\$107	\$62	\$41	\$210	\$50,003	0.07
PEPIN	112.38	15.36	11.2	1	5	1	2	1,279	72	1,207	0.6	0	0	0	90.0	52.0	\$55	\$85	\$64	\$204	\$22,930	0.04
BAYFIELD	316.42	25.63	19.6	2	8	8	1	7,890	356	7,534	1.1	0	0	0	117.0	145.0	\$82	\$66	\$47	\$195	\$61,636	0.04
JACKSON	515.44	6.12	4.5	0	2	2	1	11,590	250	11,340	0.5	0	0	0	111.0	54.0	\$42	\$110	\$14	\$166	\$85,818	0.08
EAU CLAIRE	540.7	17.56	8.7	1	6	1	3	12,452	384	12,068	0.7	0	0	0	375.0	89.0	\$61	\$55	\$38	\$154	\$83,174	0.04
ASHLAND	245.35	7.96	9.0	1	3	1	0	4,492	193	4,299	0.8	0	0	0	38.0	84.0	\$68	\$42	\$28	\$138	\$33,809	0.10
TREMPEALEAU	443.67	10.48	12.0	1	4	0	1	8,757	313	8,444	0.7	0	0	0	142.0	75.0	\$58	\$36	\$25	\$119	\$52,828	0.07
BUFFALO	317.02	9.54	10.0	0	3	3	1	3,301	120	3,181	0.4	0	0	0	134.0	34.0	\$31	\$35	\$22	\$89	\$28,089	0.04
WASHBURN	372.14	9.52	8.3	1	3	3	1	8,027	147	7,880	0.4	0	0	0	51.0	86.0	\$29	\$29	\$22	\$80	\$29,787	0.04
<b>Region Total</b>	--	--	--	--	--	--	--	132,115	8,914	123,201	--	0	0	2	--	--	--	--	--	--	\$1,510,026	
<b>Region Average</b>	14.87	12.4		1.8	5.9	3.2	2.0	7,771	524	7,247	1.3	0	0	0	204.1	146.4	\$104	\$71	\$47	\$222	\$88,825	0.09

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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		
WASHINGTON	607.17	1.88	1.0	0	1	0	0	16,132	86	16,046	0.1	0	0	0	84.0	7.0	\$12	\$10	\$7	\$28	\$17,239	0.08
OZAUKEE	309.78	2.02	0.0	1	0	0	1	9,951	0	9,951	0.0	0	0	0	8.0	0.0	\$0	\$4	\$1	\$6	\$1,806	0.00
WALWORTH	708.76	1.34	0.4	1	1	0	0	19,491	20	19,471	0.0	0	0	0	20.0	1.0	\$2	\$2	\$1	\$6	\$4,033	0.02
<b>Region Total</b>	--	--	--	--	--	--	--	45,574	106	45,468	--	0	0	0	--	--	--	--	--	--	\$23,078	
<b>Region Average</b>	1.75	0.5	0.7	0.7	0.0	0.3	15,191	35	15,156	0.1	0	0	0	37.3	2.7	\$5	\$5	\$3	\$13	\$7,693	0.03	

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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	666.31	6.49	5.8	1	3	0	0	15,765	620	15,145	0.9	0	0	0	162.0	117.0	\$76	\$31	\$20	\$127	\$84,866	0.14
LA CROSSE	500.84	5.61	5.0	1	2	0	2	10,010	130	9,880	0.3	0	0	0	136.0	66.0	\$26	\$31	\$20	\$77	\$38,805	0.05
IOWA	476.71	3.59	3.6	1	2	0	0	8,548	152	8,396	0.3	0	0	0	70.0	31.0	\$25	\$15	\$9	\$49	\$23,495	0.09
GRANT	624.93	3.71	2.5	0	2	0	0	10,601	230	10,371	0.4	0	0	0	65.0	37.0	\$27	\$11	\$7	\$46	\$28,737	0.10
LAFAYETTE	299.38	3.72	3.0	1	2	0	0	3,586	77	3,509	0.3	0	0	1	41.0	19.0	\$20	\$15	\$9	\$44	\$13,056	0.07
GREEN	314.64	4.19	3.4	1	2	0	0	4,359	37	4,322	0.1	0	0	0	64.0	19.0	\$13	\$16	\$11	\$39	\$12,218	0.03
JUNEAU	496.27	4.56	1.0	4	2	1	0	10,968	56	10,912	0.1	0	0	0	81.0	24.0	\$13	\$13	\$11	\$37	\$18,183	0.02
RICHLAND	327.64	1.90	2.0	3	1	0	0	3,867	28	3,839	0.1	0	0	0	71.0	9.0	\$10	\$16	\$10	\$37	\$11,985	0.05
DODGE	638.15	1.99	2.0	5	1	0	0	19,921	79	19,842	0.1	0	0	0	106.0	0.0	\$10	\$13	\$8	\$31	\$19,696	0.06
CRAWFORD	397.19	1.67	1.0	4	1	0	0	5,572	33	5,539	0.1	0	0	0	75.0	1.0	\$8	\$13	\$8	\$28	\$11,239	0.05
JEFFERSON	549.67	5.01	1.9	2	2	1	1	14,868	12	14,856	0.0	0	0	0	84.0	23.0	\$2	\$15	\$10	\$28	\$15,314	0.00
ROCK	805.66	1.80	1.5	0	1	0	0	16,922	88	16,834	0.1	0	0	0	77.0	25.0	\$9	\$10	\$6	\$26	\$21,043	0.06
COLUMBIA	795.19	2.41	0.0	8	0	2	0	24,982	6	24,976	0.0	0	0	0	98.0	18.0	\$1	\$12	\$7	\$19	\$15,302	0.00
VERNON	477.82	3.12	1.0	2	1	1	0	8,179	19	8,160	0.0	0	0	0	23.0	21.0	\$4	\$7	\$4	\$15	\$7,182	0.01
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
<b>Region Total</b>	--	--	--	--	--	--	--	174,385	1,579	172,806	--	0	0	1	--	--	--	--	--	--	\$323,491	
<b>Region Average</b>		3.42	2.3	2.2	1.5	0.4	0.2	11,626	105	11,520	0.2	0	0	0	77.5	27.6	\$16	\$15	\$9	\$40	\$21,566	0.05

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
<b>Statewide Total</b>	--	--	--	--	--	--	547,457	13,849	533,608	--	0	0	3.0	--	--	--	--	--	--	\$2,626,949	--
<b>Statewide Average</b>	9.00	6.6	1.9	3.5	1.7	1.4	9,124	231	8,893	0.6	0.0	0.0	0.1	127.0	65.0	\$50	\$36	\$23	\$109	\$43,782	0.06