

Storm Report Summary - Thru Week 7 (12/17/20)

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	43.74	38.0	0	15	2	6	7,300	612	6,688	2.5	0	0	0	144.0	236.0	\$224	\$114	\$77	\$415	\$103,688	0.06
VILAS	307.26	27.09	17.5	1	13	3	8	9,550	545	9,005	1.8	0	0	0	340.0	62.0	\$175	\$103	\$60	\$338	\$103,721	0.07
PRICE	320.19	22.17	9.1	8	6	10	5	6,700	370	6,330	1.2	0	0	0	289.0	90.0	\$132	\$95	\$51	\$278	\$89,016	0.05
ONEIDA	396.79	36.15	11.7	3	12	3	9	10,450	311	10,139	0.8	0	0	0	658.0	76.0	\$79	\$106	\$84	\$269	\$106,909	0.02
FLORENCE	141.07	21.40	8.5	2	8	3	3	3,680	199	3,481	1.4	0	0	0	118.0	8.0	\$125	\$69	\$29	\$223	\$31,435	0.07
MARATHON	874.81	18.33	7.3	13	7	9	4	15,400	573	14,827	0.7	0	0	4	605.0	427.0	\$68	\$73	\$58	\$199	\$174,258	0.04
FOREST	312.38	17.65	8.5	1	9	0	2	7,615	362	7,253	1.2	0	0	0	164.0	97.0	\$104	\$57	\$36	\$197	\$61,530	0.07
PORTAGE	577.47	12.04	9.5	6	5	0	3	9,039	350	8,689	0.6	0	0	0	568.0	0.0	\$57	\$79	\$40	\$175	\$101,174	0.05
LINCOLN	405.55	31.86	17.1	6	9	1	7	6,700	250	6,450	0.6	0	0	0	263.0	51.0	\$78	\$58	\$36	\$172	\$69,821	0.02
ADAMS	193.2	4.63	6.0	3	2	0	1	4,300	142	4,158	0.7	0	0	0	80.0	2.0	\$77	\$31	\$17	\$125	\$24,231	0.16
LANGLADE	299.21	26.18	10.1	5	10	2	4	6,450	74	6,376	0.2	0	0	0	173.0	44.0	\$33	\$54	\$32	\$120	\$35,797	0.01
MENOMINEE	90.26	5.10	3.0	0	3	1	0	2,350	93	2,257	1.0	0	0	0	28.0	0.0	\$79	\$25	\$12	\$116	\$10,498	0.20
SHAWANO	524.17	12.21	10.1	4	6	3	1	10,288	238	10,050	0.5	0	0	0	221.0	45.0	\$36	\$48	\$25	\$109	\$57,067	0.04
WOOD	429.28	8.82	10.0	4	4	1	0	8,000	193	7,807	0.4	0	0	0	226.0	14.0	\$44	\$28	\$25	\$97	\$41,731	0.05
MARQUETTE	245.75	3.69	3.0	2	2	1	1	4,850	81	4,769	0.3	0	0	0	44.0	57.0	\$42	\$30	\$25	\$97	\$23,749	0.09
GREEN LAKE	158.44	7.32	2.0	0	2	1	1	2,148	62	2,086	0.4	0	0	0	12.0	41.0	\$32	\$25	\$21	\$78	\$12,431	0.05
WAUPACA	549.78	7.83	3.0	4	2	0	2	11,400	159	11,241	0.3	0	0	0	115.0	11.0	\$27	\$17	\$11	\$54	\$29,862	0.04
WAUSHARA	345.01	4.23	5.0	0	2	2	0	4,600	40	4,560	0.1	0	0	0	64.0	2.0	\$11	\$15	\$8	\$34	\$11,650	0.03
Region Total	--	--	--	--	--	--	--	130,820	4,654	126,166	--	0	0	4	--	--	--	--	--	--	\$1,088,570	
Region Average	17.25	10.0		3.4	6.5	2.3	3.2	7,268	259	7,009	0.8	0	0	0	228.4	70.2	\$79	\$57	\$36	\$172	\$60,476	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		
FOND DU LAC	609.08	6.91	5.0	1	1	4	0	11,080	414	10,666	0.7	0	0	0	117.0	194.0	\$59	\$37	\$31	\$127	\$77,539	0.10
MANITOWOC	426.65	7.25	3.0	5	2	1	2	9,115	207	8,908	0.5	0	0	0	42.0	129.0	\$38	\$32	\$22	\$92	\$39,107	0.07
KEWAUNEE	111.35	6.87	2.0	2	1	2	1	1,701	34	1,667	0.3	0	0	3	25.0	17.0	\$41	\$30	\$20	\$91	\$10,150	0.04
SHEBOYGAN	528.68	5.86	4.1	8	2	1	0	11,198	173	11,025	0.3	0	0	0	76.0	123.0	\$33	\$29	\$24	\$86	\$45,574	0.06
WINNEBAGO	655.97	4.14	2.1	4	2	0	0	12,695	247	12,448	0.4	0	0	0	52.0	209.0	\$34	\$29	\$23	\$86	\$56,268	0.09
BROWN	902.7	7.19	2.3	19	4	0	0	20,996	276	20,720	0.3	0	0	0	155.0	208.0	\$29	\$32	\$23	\$84	\$75,859	0.04
CALUMET	202.44	6.79	3.3	3	3	1	0	2,750	74	2,676	0.4	0	0	0	29.0	49.0	\$30	\$28	\$22	\$79	\$16,077	0.05
OCONTO	469.52	10.52	5.6	4	5	1	0	7,203	21	7,182	0.0	0	0	0	81.0	11.0	\$6	\$14	\$9	\$30	\$14,042	0.00
DOOR	271.88	4.18	0.3	2	3	0	0	4,956	9	4,947	0.0	0	0	0	16.0	7.0	\$5	\$7	\$5	\$17	\$4,708	0.01
OUTAGAMIE	540.63	1.21	0.0	1	0	2	0	11,140	18	11,122	0.0	0	0	0	33.0	5.0	\$4	\$5	\$4	\$13	\$6,964	0.03
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
Region Total	--	--	--	--	--	--	--	101,744	1,477	100,267	--	0	0	3	--	--	--	--	--	--	\$348,947	
Region Average	6.09	2.5	4.5	2.1	1.5	0.3	9,249	134	9,115	0.3	0	0	0	58.6	86.6	\$25	\$22	\$17	\$65	\$31,722	0.04	

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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	17.07	16.2	3	8	16	0	6,300	1,256	5,044	2.9	0	0	35	652.0	379.0	\$250	\$168	\$123	\$541	\$232,057	0.17
DOUGLAS	465.89	36.56	20.4	12	14	4	5	10,863	1,363	9,500	2.9	0	0	0	560.0	316.0	\$196	\$121	\$94	\$411	\$191,645	0.08
DUNN	519.24	20.51	12.3	2	9	2	3	13,291	1,306	11,985	2.5	0	0	0	413.0	235.0	\$200	\$100	\$75	\$376	\$194,998	0.12
ASHLAND	245.35	29.76	24.1	3	12	4	8	4,492	432	4,060	1.8	0	0	0	115.0	238.0	\$154	\$112	\$81	\$347	\$85,165	0.06
WASHBURN	372.14	19.71	13.8	2	9	4	3	8,027	824	7,203	2.2	0	0	0	236.0	212.0	\$163	\$96	\$66	\$325	\$120,964	0.11
TAYLOR	233.9	20.35	10.3	13	10	10	4	4,385	324	4,061	1.4	0	0	2	239.0	94.0	\$147	\$107	\$68	\$323	\$75,437	0.07
PIERCE	369.46	19.30	16.2	0	9	4	2	6,040	691	5,349	1.9	0	0	0	319.0	192.0	\$146	\$98	\$73	\$317	\$117,179	0.10
SAWYER	367.44	23.80	19.5	0	10	4	4	6,700	751	5,949	2.0	0	0	5	145.0	214.0	\$178	\$74	\$57	\$308	\$113,201	0.09
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
BAYFIELD	316.42	31.56	23.6	3	11	10	1	7,890	548	7,342	1.7	0	0	0	222.0	176.0	\$125	\$100	\$68	\$293	\$92,759	0.05
BURNETT	237.93	20.87	14.9	3	9	2	5	3,301	376	2,925	1.6	0	0	0	88.0	133.0	\$118	\$72	\$49	\$239	\$56,875	0.08
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
PEPIN	112.38	15.36	11.2	2	5	1	2	1,279	72	1,207	0.6	0	0	0	110.0	52.0	\$56	\$95	\$72	\$222	\$24,995	0.04
EAU CLAIRE	540.7	20.45	9.5	2	8	1	3	12,452	503	11,949	0.9	0	0	0	504.0	143.0	\$79	\$75	\$54	\$208	\$112,301	0.05
JACKSON	515.44	7.46	5.0	0	3	2	1	11,590	267	11,323	0.5	0	0	0	111.0	59.0	\$45	\$111	\$15	\$171	\$87,974	0.07
TREMPEALEAU	443.67	10.48	12.0	2	4	0	1	8,757	313	8,444	0.7	0	0	0	152.0	75.0	\$59	\$38	\$26	\$123	\$54,508	0.07
BUFFALO	317.02	9.54	10.0	2	3	3	1	3,301	120	3,181	0.4	0	0	0	145.0	34.0	\$31	\$38	\$24	\$92	\$29,310	0.04
RUSK	213.47	4.17	3.0	0	2	1	1	3,466	58	3,408	0.3	0	0	0	46.0	15.0	\$25	\$21	\$13	\$59	\$12,544	0.07
CHIPPEWA	654.65	1.52	1.0	2	1	1	0	14,522	143	14,379	0.2	0	0	0	53.0	60.0	\$20	\$14	\$9	\$43	\$27,941	0.14
Region Total	--	--	--	--	--	--	--	150,103	11,370	138,733	--	0	0	42	--	--	--	--	--	--	\$1,922,269	
Region Average	17.53	13.2		2.9	7.3	3.7	2.5	7,900	598	7,302	1.5	0	0	2	239.2	167.1	\$121	\$83	\$56	\$260	\$101,172	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		
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
OZAUKEE	309.78	5.25	2.0	1	1	0	1	9,951	32	9,919	0.1	0	0	0	14.0	21.0	\$8	\$11	\$7	\$26	\$7,974	0.02
Region Total	--	--	--	--	--	--	--	114,758	880	113,878	--	0	0	0	--	--	--	--	--	--	\$210,208	
Region Average		4.08	1.3	1.8	1.6	0.2	0.4	22,952	176	22,776	0.2	0	0	0	75.6	127.4	\$15	\$15	\$13	\$43	\$42,042	0.05

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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		
DODGE	638.15	6.73	7.0	8	2	2	0	19,921	685	19,236	1.1	0	0	0	216.0	307.0	\$83	\$65	\$50	\$198	\$126,555	0.16
IOWA	476.71	7.58	10.6	5	3	1	0	8,548	540	8,008	1.1	0	0	0	170.0	266.0	\$90	\$59	\$45	\$195	\$92,775	0.15
GREEN	314.64	8.30	10.9	3	3	2	0	4,359	226	4,133	0.7	0	0	0	164.0	158.0	\$69	\$71	\$46	\$186	\$58,375	0.09
GRANT	624.93	8.28	6.0	0	3	4	0	10,601	787	9,814	1.3	0	0	67	232.0	233.0	\$94	\$54	\$36	\$184	\$115,058	0.15
LAFAYETTE	299.38	7.44	8.5	2	3	0	1	3,586	275	3,311	0.9	0	0	162	54.0	139.0	\$80	\$47	\$33	\$160	\$47,775	0.12
JUNEAU	496.27	8.53	2.5	7	4	2	0	10,968	347	10,621	0.7	0	0	0	220.0	130.0	\$67	\$50	\$39	\$156	\$77,381	0.08
ROCK	805.66	5.66	6.5	0	2	1	0	16,922	617	16,305	0.8	0	0	0	121.0	378.0	\$66	\$47	\$39	\$153	\$122,983	0.14
MONROE	666.31	8.10	6.8	5	4	0	0	15,765	653	15,112	1.0	0	0	0	206.0	125.0	\$83	\$42	\$24	\$148	\$98,657	0.12
JEFFERSON	549.67	8.58	6.9	4	3	2	1	14,868	150	14,718	0.3	0	0	0	155.0	264.0	\$24	\$61	\$48	\$132	\$72,563	0.03
RICHLAND	327.64	4.18	4.0	5	2	0	0	3,867	122	3,745	0.4	0	0	0	111.0	57.0	\$37	\$34	\$23	\$94	\$30,933	0.09
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
COLUMBIA	795.19	5.89	1.0	13	1	3	1	24,982	267	24,715	0.3	0	0	0	270.0	74.0	\$30	\$34	\$21	\$86	\$68,017	0.06
CRAWFORD	397.19	7.22	3.0	9	2	1	1	5,572	138	5,434	0.3	0	0	0	105.0	58.0	\$31	\$29	\$19	\$79	\$31,359	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
VERNON	477.82	7.87	3.0	5	3	2	0	8,179	100	8,079	0.2	0	0	0	89.0	61.0	\$20	\$24	\$14	\$57	\$27,466	0.03
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	5,584	222,231	--	0	0	229	--	--	--	--	--	--	\$1,133,863	
Region Average	6.59	5.3		4.6	2.5	1.3	0.4	14,238	349	13,889	0.6	0	0	14	162.1	156.1	\$52	\$42	\$30	\$125	\$70,866	0.09

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	725,240	23,965	701,275	--	0	0	278.0	--	--	--	--	--	--	\$4,703,857	--
Statewide Average	12.12	8.0	3.6	4.7	2.2	1.7	10,511	347	10,163	0.8	0.0	0.0	4.0	177.9	123.6	\$71	\$52	\$35	\$159	\$68,172	0.07