

# Storm Report Summary - Thru Week 5 (12/03/20)

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	34.31	32.0	0	12	2	4	7,300	471	6,829	1.9	0	0	0	106.0	190.0	\$172	\$89	\$61	\$322	\$80,430	0.06
PRICE	320.19	22.17	9.1	7	6	10	5	6,700	370	6,330	1.2	0	0	0	275.0	90.0	\$128	\$91	\$50	\$269	\$86,053	0.05
VILAS	307.26	16.41	15.0	1	9	3	6	9,550	383	9,167	1.2	0	0	0	234.0	43.0	\$124	\$71	\$41	\$236	\$72,545	0.08
ONEIDA	396.79	29.02	10.7	3	9	3	8	10,450	200	10,250	0.5	0	0	0	481.0	56.0	\$53	\$79	\$61	\$194	\$76,918	0.02
MARATHON	874.81	13.34	7.2	9	6	8	3	15,400	556	14,844	0.6	0	0	0	489.0	417.0	\$64	\$63	\$52	\$179	\$156,820	0.05
PORTAGE	577.47	12.04	9.5	4	5	0	3	9,039	350	8,689	0.6	0	0	0	536.0	0.0	\$56	\$74	\$38	\$168	\$96,777	0.05
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
SHAWANO	524.17	10.92	10.0	1	5	3	1	10,288	236	10,052	0.5	0	0	0	195.0	45.0	\$35	\$40	\$23	\$98	\$51,453	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
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
WAUPACA	549.78	6.25	2.0	3	1	0	2	11,400	145	11,255	0.3	0	0	0	107.0	3.0	\$24	\$15	\$9	\$48	\$26,178	0.04
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	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
GREEN LAKE	158.44	3.83	0.0	0	1	0	1	2,148	8	2,140	0.1	0	0	0	12.0	5.0	\$4	\$8	\$6	\$17	\$2,739	0.01
Region Total	--	--	--	--	--	--	--	130,820	3,814	127,006	--	0	0	0	--	--	--	--	--	--	\$880,813	
Region Average		13.00	8.8	2.3	4.9	2.2	2.5	7,268	212	7,056	0.6	0	0	0	184.7	57.1	\$61	\$44	\$28	\$132	\$48,934	0.06

# Storm Report Summary - Thru Week 5 (12/03/20)

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 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			
BROWN	902.7	4.88	0.3	15	3	0	0	20,996	28	20,968	0.0	0	0	0	121.0	25.0	\$5	\$13	\$8	\$26	\$23,308	0.01	
WINNEBAGO	655.97	1.74	0.1	4	1	0	0	12,695	30	12,665	0.0	0	0	0	52.0	48.0	\$6	\$10	\$8	\$25	\$16,077	0.03	
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	
OCONTO	469.52	9.20	5.5	2	4	1	0	7,203	20	7,183	0.0	0	0	0	44.0	11.0	\$4	\$9	\$6	\$19	\$8,752	0.00	
OUTAGAMIE	540.63	1.21	0.0	0	0	2	0	11,140	18	11,122	0.0	0	0	0	29.0	5.0	\$4	\$4	\$4	\$12	\$6,306	0.03	
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	
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	
MANITOWOC	426.65	3.63	0.5	2	1	1	1	9,115	2	9,113	0.0	0	0	0	17.0	0.0	\$1	\$3	\$2	\$6	\$2,356	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	
CALUMET	202.44	3.01	0.3	0	2	0	0	2,750	1	2,749	0.0	0	0	0	3.0	0.0	\$0	\$1	\$1	\$2	\$439	0.00	
Region Total		--	--	--	--	--	--	90,546	125	90,421	--	0	0	0	--	--	--	--	--	--	\$70,728		
Region Average		3.21	0.7		2.5	1.1	1.2	0.1	9,055	13	9,042	0.0	0	0	0	34.4	9.7	\$3	\$6	\$4	\$13	\$7,073	0.01

# Storm Report Summary - Thru Week 5 (12/03/20)

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 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	2	6	15	0	6,300	1,145	5,155	2.7	0	0	0	581.0	334.0	\$227	\$149	\$109	\$485	\$207,813	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
DOUGLAS	465.89	29.45	17.8	9	11	3	4	10,863	1,092	9,771	2.3	0	0	0	457.0	269.0	\$157	\$100	\$79	\$336	\$156,467	0.08
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
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	10	8	8	4	4,385	283	4,102	1.2	0	0	2	188.0	81.0	\$128	\$87	\$55	\$270	\$63,162	0.07
WASHBURN	372.14	18.23	13.3	1	8	3	3	8,027	684	7,343	1.8	0	0	0	178.0	184.0	\$135	\$78	\$54	\$267	\$99,325	0.10
SAWYER	367.44	19.40	17.5	0	9	2	4	6,700	628	6,072	1.7	0	0	0	121.0	181.0	\$148	\$62	\$48	\$258	\$94,766	0.09
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
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
ASHLAND	245.35	13.56	13.0	2	6	1	2	4,492	283	4,209	1.2	0	0	0	61.0	132.0	\$101	\$64	\$44	\$208	\$51,131	0.09
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
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	1	3	3	1	3,301	120	3,181	0.4	0	0	0	140.0	34.0	\$31	\$37	\$23	\$91	\$28,798	0.04
Region Total				--	--	--	--	132,115	9,774	122,341	--	0	0	2	--	--	--	--	--	--	\$1,634,438	
Region Average				16.16	13.1		2.3	7,771	575	7,197	1.4	0	0	0	221.4	156.7	\$115	\$78	\$51	\$244	\$96,143	0.09

# Storm Report Summary - Thru Week 5 (12/03/20)

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 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	Inci- dent											Mat'l	Equip	Labor	Total		
WALWORTH	708.76	5.07	1.9	5	2	0	1	19,491	101	19,390	0.1	0	0	0	151.0	12.0	\$14	\$14	\$12	\$40	\$28,002	0.03
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
Region Total		--	--	--	--	--	--	45,574	187	45,387	--	0	0	0	--	--	--	--	--	--	\$47,047	
Region Average		2.99	1.0	2.0	1.0	0.0	0.7	15,191	62	15,129	0.1	0	0	0	81.0	6.3	\$9	\$9	\$7	\$25	\$15,682	0.03

# Storm Report Summary - Thru Week 5 (12/03/20)

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 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	2	3	0	0	15,765	620	15,145	0.9	0	0	0	170.0	117.0	\$77	\$33	\$21	\$130	\$86,725	0.14	
JUNEAU	496.27	6.65	1.5	5	3	2	0	10,968	227	10,741	0.5	0	0	0	188.0	61.0	\$41	\$34	\$26	\$102	\$50,785	0.07	
COLUMBIA	795.19	4.68	1.0	10	1	2	1	24,982	266	24,716	0.3	0	0	0	240.0	56.0	\$30	\$30	\$18	\$78	\$61,746	0.07	
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	2	2	0	0	8,548	152	8,396	0.3	0	0	0	78.0	31.0	\$26	\$16	\$10	\$52	\$24,637	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	2	2	0	0	4,359	37	4,322	0.1	0	0	0	71.0	20.0	\$13	\$18	\$12	\$43	\$13,402	0.03	
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	
VERNON	477.82	6.17	2.0	3	2	2	0	8,179	57	8,122	0.1	0	0	0	74.0	29.0	\$11	\$16	\$9	\$36	\$17,171	0.02	
DODGE	638.15	1.99	2.0	7	1	0	0	19,921	79	19,842	0.1	0	0	0	114.0	0.0	\$10	\$14	\$8	\$33	\$20,767	0.06	
JEFFERSON	549.67	5.01	1.9	3	2	1	1	14,868	12	14,856	0.0	0	0	0	100.0	23.0	\$3	\$18	\$12	\$32	\$17,738	0.00	
CRAWFORD	397.19	2.88	1.0	5	1	1	0	5,572	34	5,538	0.1	0	0	0	83.0	3.0	\$8	\$15	\$9	\$32	\$12,636	0.03	
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	
DANE	1666.77	1.77	0.1	0	1	0	0	53,430	9	53,421	0.0	0	0	0	17.0	29.0	\$0	\$2	\$2	\$4	\$7,472	0.00	
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	2,058	225,757	--	0	0	1	--	--	--	--	--	--	\$429,075		
Region Average		3.85	2.3		2.8	1.7	0.6	0.3	14,238	129	14,110	0.2	0	0	0	95.9	33.1	\$20	\$18	\$11	\$48	\$26,817	0.05

# Storm Report Summary - Thru Week 5 (12/03/20)

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.

Lane Miles	Severity Index	Snow Amount (inches)	Events this Season			Freez. Rain Events	Total Salt Avail.	Total Salt Used	Total Salt Remain.	Salt Used per LM	Total Thaw-Rox	Total Clear-Lane	Total Sand Used	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	Inci-dent		(tons)	(tons)	(tons)	(tons)	(tons)	(tons)	(CY)			Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	626,870	15,958	610,912	--	0	0	3.0	--	--	--	--	--	--	\$3,062,101	--
Statewide Average	9.55	6.7	2.4	3.8	1.8	1.4	9,795	249	9,546	0.6	0.0	0.0	0.0	143.9	67.8	\$53	\$39	\$25	\$117	\$47,845	0.06