

Storm Report Summary - Thru Week 22 (3/28/24)

From Winter Storm Reports, 2023-2024

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 \$90 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	240.51	96.18	84.1	0	30	13	11	6,813	2,298	4,515	9.6	0	0	34	720.0	610.0	\$1,052	\$508	\$317	\$1,877	\$451,368	0.10
VILAS	307.73	117.32	53.6	5	42	15	20	8,775	2,157	6,618	7.0	0	0	395	1743.0	71.0	\$815	\$521	\$251	\$1,587	\$486,683	0.06
MENOMINEE	90.66	57.84	41.2	1	21	6	8	2,365	825	1,540	9.1	0	0	9	231.0	91.0	\$889	\$321	\$158	\$1,369	\$124,069	0.16
FLORENCE	137.43	70.83	38.6	3	25	9	5	3,735	1,031	2,704	7.5	0	0	13	379.0	147.0	\$774	\$289	\$177	\$1,240	\$170,422	0.11
SHAWANO	530.27	78.16	57.5	6	20	16	7	9,381	3,061	6,320	5.8	0	0	8	1448.0	1054.0	\$518	\$433	\$256	\$1,207	\$639,790	0.07
PORTAGE	531.62	68.47	39.8	14	22	9	10	9,000	1,944	7,056	3.7	0	0	33	1851.0	1157.0	\$380	\$507	\$307	\$1,194	\$634,549	0.05
FOREST	314.49	96.63	60.3	1	35	6	11	7,614	2,193	5,421	7.0	0	0	0	668.0	479.0	\$684	\$303	\$186	\$1,172	\$368,681	0.07
MARATHON	905.42	76.11	34.3	16	23	12	9	14,350	3,915	10,435	4.3	0	0	43	1905.0	2394.0	\$507	\$406	\$251	\$1,165	\$1,054,513	0.06
MARQUETTE	246.61	58.91	40.5	13	21	3	6	4,857	1,107	3,750	4.5	0	0	16	431.0	521.0	\$556	\$366	\$233	\$1,154	\$284,262	0.08
ONEIDA	395.39	89.88	47.4	6	25	13	19	10,347	1,360	8,987	3.4	0	0	156	1669.0	537.0	\$371	\$401	\$289	\$1,061	\$419,390	0.04
LINCOLN	399.39	74.46	47.4	12	24	6	14	6,729	1,418	5,311	3.6	0	0	315	1070.0	477.0	\$470	\$306	\$203	\$979	\$391,161	0.05
WAUPACA	556.87	53.19	40.7	2	14	13	3	11,200	2,982	8,218	5.4	0	0	0	780.0	1000.0	\$463	\$280	\$189	\$932	\$518,856	0.10
ADAMS	202.74	54.15	33.6	10	16	5	7	4,280	745	3,535	3.7	0	0	16	475.0	115.0	\$533	\$241	\$145	\$919	\$186,235	0.07
PRICE	319.53	68.44	26.0	11	25	3	14	5,925	958	4,967	3.0	0	0	0	656.0	480.0	\$370	\$320	\$184	\$874	\$279,208	0.04
LANGLADE	300.29	79.55	51.1	11	27	7	10	5,257	897	4,360	3.0	0	0	1	708.0	415.0	\$352	\$316	\$195	\$863	\$259,276	0.04
WOOD	443.36	62.28	26.4	17	21	7	11	7,100	1,654	5,446	3.7	0	0	89	729.0	829.0	\$387	\$270	\$195	\$852	\$377,720	0.06
WAUSHARA	343.69	52.39	40.8	2	18	5	3	4,086	1,113	2,973	3.2	0	0	49	655.0	475.0	\$362	\$290	\$179	\$831	\$285,604	0.06
GREEN LAKE	154.11	45.44	39.3	1	15	7	4	1,830	500	1,330	3.2	0	0	0	226.0	237.0	\$342	\$247	\$173	\$762	\$117,446	0.07
Region Total	--	--	--	--	--	--	--	123,644	30,158	93,486	--	0	0	1177	--	--	--	--	--	--	\$7,049,233	
Region Average	72.24	44.6		7.3	23.6	8.6	9.6	6,869	1,675	5,194	5.0	0	0	65	908.0	616.1	\$546	\$351	\$216	\$1,113	\$391,624	0.07

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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		
MANITOWOC	419.96	34.16	30.8	26	15	2	0	8,700	3,883	4,817	9.2	0	0	140	1896.0	775.0	\$873	\$572	\$305	\$1,751	\$735,205	0.27
BROWN	860.16	53.15	52.6	46	20	4	4	20,338	6,051	14,287	7.0	0	0	26	2065.0	2982.0	\$571	\$620	\$357	\$1,548	\$1,330,759	0.13
OUTAGAMIE	567.52	56.50	34.5	1	14	19	1	11,682	3,978	7,704	7.0	0	0	0	1862.0	1309.0	\$735	\$359	\$355	\$1,448	\$821,952	0.12
SHEBOYGAN	543.53	65.36	51.3	15	19	22	4	10,434	2,078	8,356	3.8	0	0	52	1477.0	1600.0	\$517	\$486	\$383	\$1,386	\$753,604	0.06
MARINETTE	414.39	87.70	51.7	32	29	14	10	9,050	2,865	6,185	6.9	0	0	0	1147.0	812.0	\$634	\$403	\$293	\$1,329	\$550,885	0.08
CALUMET	219.46	57.71	41.6	18	15	19	3	2,625	905	1,720	4.1	0	0	0	912.0	480.0	\$442	\$498	\$361	\$1,301	\$285,577	0.07
FOND DU LAC	611.86	49.77	40.0	4	17	7	4	11,240	3,296	7,944	5.4	0	0	142	1198.0	1670.0	\$540	\$374	\$322	\$1,237	\$756,624	0.11
DOOR	267.29	63.63	47.9	8	20	20	1	4,988	1,428	3,560	5.3	0	0	48	386.0	777.0	\$529	\$391	\$306	\$1,227	\$327,846	0.08
KEWAUNEE	126.39	61.67	49.1	3	16	15	8	1,770	578	1,192	4.6	0	0	210	256.0	198.0	\$511	\$323	\$218	\$1,052	\$132,727	0.07
WINNEBAGO	688.27	43.91	37.8	13	14	10	2	11,886	2,885	9,001	4.2	0	18	10	1506.0	1630.0	\$405	\$342	\$289	\$1,036	\$713,213	0.10
OCONTO	481.73	67.86	40.2	15	18	13	8	7,241	1,708	5,533	3.5	0	0	0	980.0	819.0	\$345	\$307	\$221	\$874	\$421,056	0.05
Region Total	--	--	--	--	--	--	--	99,954	29,655	70,299	--	0	18	628	--	--	--	--	--	--	\$6,829,449	
Region Average	58.31	43.4	43.4	16.5	17.9	13.2	4.1	9,087	2,696	6,391	5.6	0	2	57	1244.1	1186.5	\$555	\$425	\$310	\$1,290	\$620,859	0.10

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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		
EAU CLAIRE	531.32	46.79	28.1	8	18	1	4	11,842	3,762	8,080	7.1	0	0	0	2209.0	500.0	\$774	\$402	\$272	\$1,449	\$769,692	0.15
DOUGLAS	465.66	85.38	55.1	41	32	14	10	10,432	3,767	6,665	8.1	0	0	0	2295.0	587.0	\$672	\$497	\$274	\$1,443	\$671,804	0.09
BAYFIELD	345.31	93.11	56.7	5	32	17	3	7,541	2,300	5,241	6.7	0	0	18	1378.0	514.0	\$625	\$491	\$289	\$1,405	\$485,003	0.07
CLARK	401.81	39.00	29.6	5	15	10	4	7,260	2,847	4,413	7.1	0	0	3	520.0	731.0	\$809	\$279	\$171	\$1,259	\$505,839	0.18
JACKSON	520.32	52.75	31.7	23	17	15	13	11,703	3,393	8,310	6.5	0	0	0	1018.0	982.0	\$703	\$333	\$201	\$1,237	\$643,714	0.12
DUNN	521.2	54.91	36.8	7	21	6	3	13,635	3,528	10,108	6.8	0	0	0	907.0	1050.0	\$670	\$315	\$247	\$1,232	\$642,353	0.12
TREMPEALEAU	420.25	38.12	23.1	9	11	14	0	9,261	2,711	6,550	6.5	0	0	0	892.0	740.0	\$656	\$315	\$241	\$1,212	\$509,308	0.17
PEPIN	109.41	45.20	28.9	10	15	4	6	1,202	364	838	3.3	0	0	0	362.0	282.0	\$352	\$478	\$315	\$1,144	\$125,174	0.07
BARRON	428.61	60.86	34.1	3	18	14	11	7,000	2,161	4,839	5.0	0	2	205	1261.0	686.0	\$466	\$381	\$271	\$1,118	\$479,006	0.08
ASHLAND	255.69	69.39	44.4	8	25	7	9	4,475	1,236	3,239	4.8	0	0	3	548.0	330.0	\$536	\$297	\$192	\$1,025	\$262,094	0.07
CHIPPEWA	653.17	46.28	30.6	6	15	6	5	13,874	2,827	11,047	4.3	0	0	47	812.0	1706.0	\$444	\$315	\$238	\$997	\$651,219	0.09
BURNETT	235.35	48.94	34.1	8	17	4	13	3,715	1,227	2,488	5.2	0	0	6	357.0	314.0	\$517	\$255	\$149	\$922	\$217,088	0.11
WASHBURN	385.68	57.29	18.9	18	20	5	9	7,845	1,757	6,088	4.6	0	0	0	622.0	531.0	\$428	\$268	\$185	\$881	\$339,642	0.08
TAYLOR	232.44	52.32	35.1	5	21	4	7	4,338	779	3,559	3.4	0	0	0	309.0	310.0	\$452	\$223	\$143	\$819	\$190,369	0.06
SAWYER	357.2	69.08	30.7	0	25	13	6	5,750	1,551	4,199	4.3	0	0	0	575.0	433.0	\$408	\$220	\$148	\$777	\$277,376	0.06
BUFFALO	311.87	64.60	30.0	8	23	6	10	3,478	1,174	2,304	3.8	0	0	0	543.0	403.0	\$384	\$240	\$151	\$775	\$241,580	0.06
POLK	374.54	47.10	27.0	15	15	16	0	9,074	1,504	7,570	4.0	0	0	3	529.0	443.0	\$378	\$214	\$144	\$736	\$275,584	0.09
RUSK	213.1	66.96	25.2	6	19	6	13	3,249	725	2,524	3.4	0	0	0	304.0	269.0	\$346	\$220	\$158	\$724	\$154,264	0.05
SAINT CROIX	653.47	29.05	18.4	1	11	2	2	16,486	2,185	14,301	3.3	0	0	2	406.0	1019.0	\$318	\$196	\$164	\$678	\$443,180	0.12
PIERCE	368.08	35.40	26.6	4	12	6	2	6,425	1,205	5,220	3.3	0	0	0	495.0	425.0	\$315	\$180	\$146	\$642	\$236,228	0.09
Region Total	--	--	--	--	--	--	--	158,585	41,003	117,583	--	0	2	287	--	--	--	--	--	--	\$8,120,516	
Region Average	55.13	32.3		9.5	19.1	8.5	6.5	7,929	2,050	5,879	5.1	0	0	14	817.1	612.8	\$513	\$306	\$205	\$1,024	\$406,026	0.10

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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		
MILWAUKEE	1574.67	52.99	36.4	5	14	0	5	55,265	19,261	36,004	12.2	0	0	0	5431.0	5724.0	\$961	\$550	\$638	\$2,148	\$3,381,980	0.23
WASHINGTON	591.04	70.73	52.7	19	20	13	6	16,230	5,371	10,859	9.1	0	0	0	1721.0	1853.0	\$830	\$506	\$379	\$1,714	\$1,013,242	0.13
WAUKESHA	1059.84	53.09	45.7	12	14	3	4	41,600	9,846	31,754	9.3	0	0	14	3847.0	2119.0	\$743	\$464	\$364	\$1,571	\$1,665,143	0.18
WALWORTH	697.33	59.34	43.3	23	20	10	4	19,050	4,631	14,419	6.6	0	0	12	1990.0	1935.0	\$649	\$420	\$376	\$1,445	\$1,007,967	0.11
KENOSHA	674.4	54.09	4.5	3	17	7	4	13,300	4,047	9,253	6.0	0	0	9	2295.0	1840.0	\$481	\$517	\$421	\$1,418	\$956,398	0.11
RACINE	774.85	61.74	39.0	22	25	0	6	18,000	4,739	13,261	6.1	0	0	0	1970.0	1623.0	\$530	\$379	\$332	\$1,242	\$962,099	0.10
OZAUKEE	321.1	41.26	36.1	11	15	5	5	9,951	1,663	8,288	5.2	0	0	0	689.0	567.0	\$428	\$337	\$259	\$1,024	\$328,920	0.13
Region Total	--	--	--	--	--	--	--	173,396	49,558	123,838	--	0	0	35	--	--	--	--	--	--	\$9,315,749	
Region Average	56.17	36.8		13.6	17.9	5.4	4.9	24,771	7,080	17,691	7.8	0	0	5	2563.3	2237.3	\$660	\$453	\$395	\$1,509	\$1,330,821	0.14

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				Anti- Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
DANE	1665.78	54.80	34.7	17	18	0	5	53,583	13,838	39,745	8.3	0	0	171	3237.0	7834.0	\$775	\$571	\$674	\$2,020	\$3,364,464	0.15
COLUMBIA	801.13	59.45	37.1	24	14	18	9	24,992	7,281	17,711	9.1	0	0	146	2330.0	1828.0	\$994	\$467	\$305	\$1,766	\$1,414,438	0.15
DODGE	667.73	47.80	51.0	23	16	8	2	19,970	4,965	15,005	7.4	0	0	110	1685.0	1963.0	\$642	\$492	\$345	\$1,478	\$986,561	0.16
JUNEAU	500.96	45.55	34.2	9	17	11	1	10,569	3,750	6,819	7.5	0	0	0	965.0	1183.0	\$823	\$372	\$260	\$1,455	\$728,982	0.16
IOWA	457.1	49.06	39.3	13	18	3	6	8,478	2,801	5,677	6.1	0	0	19	1304.0	1206.0	\$608	\$422	\$350	\$1,381	\$631,158	0.12
ROCK	791.89	43.29	34.0	9	18	2	3	15,286	4,336	10,950	5.5	0	0	16	1473.0	2508.0	\$508	\$403	\$422	\$1,333	\$1,055,284	0.13
MONROE	679.49	55.17	33.8	8	18	7	7	13,755	5,000	8,755	7.4	0	0	0	1063.0	1679.0	\$750	\$350	\$226	\$1,326	\$901,096	0.13
SAUK	594.09	41.90	20.3	2	12	3	4	16,268	4,076	12,192	6.9	0	0	0	1064.0	1401.0	\$739	\$309	\$246	\$1,294	\$768,477	0.16
VERNON	469.79	84.42	31.3	12	27	14	7	6,988	2,836	4,152	6.0	0	0	0	929.0	1203.0	\$590	\$379	\$239	\$1,207	\$567,067	0.07
JEFFERSON	552.87	59.08	46.5	13	19	11	4	16,157	1,585	14,572	2.9	0	0	231	1414.0	1745.0	\$275	\$513	\$366	\$1,154	\$638,019	0.05
LAFAYETTE	294.51	65.16	39.2	5	24	7	4	3,507	1,587	1,920	5.4	0	0	1026	713.0	592.0	\$543	\$349	\$231	\$1,124	\$330,914	0.08
GRANT	646.92	46.14	44.7	1	13	12	2	10,132	3,488	6,644	5.4	0	0	1133	1115.0	1242.0	\$529	\$314	\$204	\$1,047	\$677,526	0.12
GREEN	311.98	57.61	35.9	9	19	9	3	3,846	1,086	2,760	3.5	0	0	7	686.0	676.0	\$418	\$370	\$239	\$1,027	\$320,491	0.06
CRAWFORD	398.22	70.79	38.1	7	17	21	8	5,072	1,580	3,492	4.0	0	0	107	761.0	637.0	\$394	\$281	\$199	\$874	\$348,178	0.06
RICHLAND	321.78	31.08	22.0	6	6	19	3	3,652	1,138	2,514	3.5	0	0	94	552.0	477.0	\$393	\$262	\$155	\$810	\$260,688	0.11
LA CROSSE	483.56	9.07	11.0	0	3	2	0	10,461	397	10,064	0.8	0	0	0	71.0	293.0	\$89	\$65	\$55	\$209	\$101,097	0.09
Region Total	--	--	--	--	--	--	--	222,716	59,744	162,972	--	0	0	3060	--	--	--	--	--	--	\$13,094,439	
Region Average	51.27	34.6		9.9	16.2	9.2	4.3	13,920	3,734	10,186	5.6	0	0	191	1210.1	1654.2	\$567	\$370	\$282	\$1,219	\$818,402	0.11

Storm Report Summary - Thru Week 22 (3/28/24)

From Winter Storm Reports, 2023-2024

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 \$90 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. (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		
Statewide Total	--	--	--	--	--	--	778,295	210,118	568,178	--	0	20	5187.0	--	--	--	--	--	--	\$44,409,386	--
Statewide Average	59.14	38.0	10.5	19.3	9.1	6.2	10,810	2,918	7,891	5.5	0.0	0.3	72.0	1162.2	1090.6	\$554	\$364	\$259	\$1,177	\$616,797	0.10