

Storm Report Summary through Week 9 ending 12/28/2017

From Winter Storm Reports, 2017-2018

Notes: 1) Costs shown in table are estimated and do not include the Administrative Costs; 2) Material Costs includes Salt, Sand, and other Deicing and Anti-icing Agents; 3) Equipment Costs are based on \$60 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 seasonal fill plus seasonal fill plus vendor reserve available. 6) Some Material Costs are low or zero value because DOT does not have updated values at the time this report was created.

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		
VILAS	305.24	52.91	45.3	0	21	10	6	9,493	2,272	7,221	7.4	0	0	260	793.0	491.0	\$587	\$242	\$196	\$1,025	\$312,532	0.14
IRON	249.56	65.60	77.1	0	21	7	5	6,522	1,760	4,762	7.1	0	0	60	653.0	429.0	\$525	\$237	\$215	\$977	\$241,623	0.11
ONEIDA	396.79	55.95	41.1	1	22	3	8	9,893	1,992	7,901	5.0	0	0	348	1391.0	321.0	\$374	\$202	\$197	\$773	\$306,608	0.09
PRICE	322.26	62.77	39.4	5	26	1	7	6,625	1,526	5,099	4.7	0	0	23	676.0	433.0	\$387	\$194	\$140	\$721	\$234,327	0.08
FLORENCE	141.07	48.87	39.1	4	18	6	3	3,366	832	2,534	5.9	0	0	3	310.0	91.0	\$400	\$174	\$122	\$696	\$98,170	0.12
LINCOLN	405.55	42.04	32.1	7	14	1	7	6,513	1,296	5,217	3.2	0	0	313	795.0	331.0	\$290	\$158	\$128	\$576	\$229,340	0.08
FOREST	312.38	53.71	38.4	0	21	2	9	8,069	1,448	6,621	4.6	0	0	8	543.0	220.0	\$318	\$133	\$92	\$543	\$167,618	0.09
MARATHON	874.81	28.96	15.4	16	13	5	2	14,382	2,824	11,558	3.2	0	0	58	1649.0	682.0	\$268	\$143	\$130	\$542	\$573,858	0.11
SHAWANO	520.57	30.85	22.9	2	12	3	2	9,576	2,151	7,425	4.1	0	0	40	670.0	583.0	\$259	\$134	\$112	\$505	\$262,769	0.13
PORTAGE	584.63	18.33	13.2	3	8	3	2	8,584	1,511	7,073	2.6	0	0	94	611.0	608.0	\$194	\$125	\$103	\$422	\$245,900	0.14
WOOD	422.62	21.58	17.5	3	10	1	3	7,038	1,385	5,653	3.3	0	0	75	298.0	235.0	\$252	\$73	\$58	\$383	\$160,593	0.15
LANGLADE	299.21	33.64	28.5	10	11	6	2	6,067	685	5,382	2.3	0	0	0	489.0	207.0	\$145	\$127	\$106	\$377	\$112,947	0.07
MENOMINEE	90.26	22.54	20.0	0	10	5	0	1,963	380	1,583	4.2	0	0	7	72.0	30.0	\$256	\$70	\$42	\$368	\$33,215	0.19
ADAMS	193.2	23.58	7.6	8	9	0	4	3,447	536	2,911	2.8	0	0	0	155.0	57.0	\$239	\$61	\$55	\$355	\$68,431	0.12
MARQUETTE	245.75	11.78	6.5	3	6	2	1	4,098	693	3,405	2.8	0	0	0	114.0	150.0	\$203	\$55	\$55	\$313	\$77,014	0.24
WAUPACA	546.74	11.65	8.5	2	5	1	0	9,757	1,407	8,350	2.6	0	0	0	401.0	231.0	\$169	\$68	\$54	\$291	\$158,140	0.22
GREEN LAKE	158.44	19.20	8.5	3	7	1	3	1,848	198	1,650	1.2	0	0	0	68.0	53.0	\$92	\$43	\$40	\$175	\$27,499	0.07
WAUSHARA	345.01	13.32	7.3	0	6	1	1	4,029	186	3,843	0.5	0	0	0	54.0	75.0	\$36	\$22	\$17	\$75	\$25,855	0.04
Region Total	--	--	--	--	--	--	--	121,270	23,082	98,188	--	0	0	1289	--	--	--	--	--	--	\$3,336,438	
Region Average	34.29	26.0		3.7	13.3	3.2	3.6	6,737	1,282	5,455	3.8	0	0	72	541.2	290.4	\$277	\$126	\$103	\$506	\$185,358	0.12

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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		
WINNEBAGO	626.56	25.01	5.9	3	11	1	2	12,160	2,354	9,806	3.8	0	0	0	547.0	738.0	\$422	\$112	\$112	\$646	\$354,100	0.15
BROWN	890.4	26.97	16.9	11	11	1	1	14,035	4,613	9,422	5.2	0	0	0	1064.0	1462.0	\$301	\$170	\$143	\$614	\$543,968	0.19
DOOR	271.8	32.42	17.5	2	12	6	2	4,865	959	3,906	3.5	0	0	0	188.0	387.0	\$235	\$127	\$133	\$495	\$133,662	0.11
MARINETTE	436.66	33.94	24.2	14	13	11	2	7,338	1,612	5,726	3.7	0	0	14	1012.0	175.0	\$241	\$125	\$123	\$488	\$213,106	0.11
OUTAGAMIE	538.63	20.01	16.9	3	10	0	3	10,117	1,516	8,601	2.8	0	0	0	704.0	425.0	\$228	\$92	\$105	\$425	\$213,391	0.14
MANITOWOC	426.01	22.49	14.1	5	6	5	2	8,448	1,580	6,868	3.7	0	0	0	414.0	259.0	\$224	\$94	\$73	\$391	\$166,686	0.16
FOND DU LAC	605.3	18.61	10.0	3	6	5	1	10,370	1,770	8,600	2.9	0	0	0	324.0	498.0	\$217	\$75	\$76	\$369	\$217,925	0.16
SHEBOYGAN	527.86	14.13	6.2	5	7	2	0	10,330	1,490	8,840	2.8	0	0	0	373.0	291.0	\$202	\$73	\$62	\$336	\$174,738	0.20
CALUMET	201.71	20.57	10.9	3	9	1	2	2,771	375	2,396	1.9	0	0	0	208.0	123.0	\$125	\$81	\$72	\$279	\$55,680	0.09
OCONTO	468.9	21.91	12.4	1	9	0	2	7,191	832	6,359	1.8	0	0	0	211.0	222.0	\$115	\$55	\$49	\$218	\$101,909	0.08
KEWAUNEE	111.35	23.00	12.1	2	9	2	2	1,600	117	1,483	1.1	0	0	22	100.0	30.0	\$93	\$70	\$55	\$217	\$22,956	0.05
Region Total	--	--	--	--	--	--	--	89,225	17,218	72,007	--	0	0	36	--	--	--	--	--	--	\$2,198,120	
Region Average	23.55	13.4		4.7	9.4	3.1	1.7	8,111	1,565	6,546	3.0	0	0	3	467.7	419.1	\$218	\$98	\$91	\$407	\$199,829	0.13

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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		
BAYFIELD	316.42	55.58	50.1	3	16	8	8	6,780	2,340	4,440	7.4	0	0	80	878.0	478.0	\$476	\$257	\$190	\$923	\$292,134	0.13
WASHBURN	372.14	35.04	27.7	1	18	4	3	7,281	2,767	4,514	7.4	0	0	135	728.0	362.0	\$488	\$176	\$132	\$796	\$296,098	0.21
ASHLAND	245.35	59.24	57.0	2	23	6	10	4,427	1,298	3,129	5.3	0	0	27	544.0	293.0	\$367	\$198	\$174	\$739	\$181,226	0.09
DOUGLAS	451.4	56.33	47.3	2	19	3	2	10,076	2,936	7,140	6.5	0	0	25	860.0	625.0	\$381	\$172	\$163	\$717	\$323,452	0.12
TAYLOR	233.9	43.58	19.5	9	16	7	4	4,031	1,096	2,935	4.7	0	0	4	316.0	263.0	\$429	\$143	\$119	\$690	\$156,717	0.11
BARRON	428.77	42.01	24.5	1	14	20	1	5,544	1,980	3,564	4.6	0	0	371	1174.0	417.0	\$323	\$200	\$162	\$685	\$293,507	0.11
BURNETT	237.93	28.80	26.8	0	13	4	0	3,489	1,382	2,107	5.8	0	0	0	286.0	239.0	\$378	\$111	\$115	\$604	\$143,699	0.20
JACKSON	515.44	19.60	15.0	0	11	1	0	10,367	1,372	8,995	2.7	0	0	0	205.0	361.0	\$203	\$283	\$56	\$542	\$279,353	0.14
CLARK	402.56	37.82	20.8	6	13	9	3	6,721	1,552	5,169	3.9	0	0	0	374.0	444.0	\$291	\$120	\$106	\$516	\$207,734	0.10
SAINT CROIX	645.34	30.54	23.5	0	13	5	2	14,123	3,035	11,088	4.7	0	0	0	522.0	521.0	\$325	\$97	\$91	\$513	\$331,240	0.15
SAWYER	367.44	38.15	27.7	0	18	6	3	5,918	1,410	4,508	3.8	0	0	37	327.0	333.0	\$288	\$105	\$91	\$484	\$177,720	0.10
EAU CLAIRE	540.7	23.24	11.5	5	10	3	3	11,455	1,681	9,774	3.1	0	0	70	910.0	354.0	\$253	\$108	\$100	\$462	\$248,186	0.13
DUNN	519.24	24.65	9.0	4	11	3	2	11,877	1,706	10,171	3.3	0	0	93	459.0	346.0	\$250	\$90	\$89	\$429	\$221,645	0.13
PEPIN	112.38	22.99	10.8	6	9	0	4	1,158	124	1,034	1.1	0	0	0	251.0	47.0	\$83	\$132	\$112	\$327	\$36,747	0.05
RUSK	213.47	19.18	8.5	0	12	1	0	3,104	549	2,555	2.6	0	0	38	231.0	71.0	\$189	\$75	\$61	\$324	\$69,261	0.13
PIERCE	369.46	22.82	12.0	2	10	6	2	5,618	847	4,771	2.3	0	0	53	403.0	144.0	\$167	\$77	\$75	\$319	\$117,382	0.10
TREMPEALEAU	442.48	18.45	14.0	2	10	0	1	7,475	1,023	6,452	2.3	0	0	0	218.0	254.0	\$163	\$58	\$54	\$275	\$121,527	0.13
BUFFALO	317.02	20.25	12.7	1	10	1	2	2,919	594	2,325	1.9	0	0	19	223.0	151.0	\$129	\$60	\$55	\$244	\$77,254	0.09
POLK	385.81	10.26	3.8	1	5	0	1	7,991	276	7,715	0.7	0	0	0	110.0	41.0	\$51	\$22	\$20	\$93	\$35,730	0.07
CHIPPEWA	654.65	5.39	0.1	1	1	0	2	13,387	20	13,367	0.0	0	0	0	14.0	38.0	\$2	\$4	\$5	\$11	\$7,182	0.01
Region Total	--	--	--	--	--	--	--	143,741	27,988	115,753	--	0	0	952	--	--	--	--	--	--	\$3,617,792	
Region Average	30.70	21.1		2.3	12.6	4.4	2.7	7,187	1,399	5,788	3.7	0	0	48	451.7	289.1	\$262	\$124	\$98	\$485	\$180,890	0.12

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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	611.91	18.20	7.0	4	8	1	1	15,922	2,377	13,545	3.9	0	0	0	216.0	581.0	\$247	\$74	\$77	\$398	\$243,581	0.21
KENOSHA	653.56	15.55	4.7	6	8	0	0	12,366	1,970	10,396	3.0	0	0	0	929.0	269.0	\$185	\$80	\$97	\$363	\$236,952	0.19
OZAUKEE	309.19	19.18	8.6	3	8	1	2	9,689	1,200	8,489	3.9	0	0	0	231.0	135.0	\$222	\$71	\$60	\$353	\$109,147	0.20
MILWAUKEE	1955.81	8.19	2.3	6	3	2	0	53,588	4,979	48,609	2.5	0	0	0	984.0	1524.0	\$179	\$64	\$101	\$344	\$663,369	0.31
WALWORTH	706.95	14.13	2.8	6	5	8	0	18,210	1,944	16,266	2.7	0	0	0	553.0	134.0	\$162	\$55	\$49	\$266	\$187,609	0.19
WAUKESHA	1073.97	2.86	1.1	0	2	0	0	35,409	189	35,220	0.2	0	0	0	35.0	65.0	\$11	\$6	\$6	\$22	\$23,713	0.06
RACINE	681.88	4.76	0.1	1	1	1	1	17,586	27	17,559	0.0	0	0	0	11.0	6.0	\$3	\$1	\$1	\$5	\$3,616	0.01
Region Total	--	--	--	--	--	--	--	162,770	12,686	150,084	--	0	0	0	--	--	--	--	--	--	\$1,467,988	
Region Average	11.84	3.8		3.7	5.0	1.9	0.6	23,253	1,812	21,441	2.3	0	0	0	422.7	387.7	\$144	\$50	\$56	\$250	\$209,713	0.17

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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	654.43	12.52	4.1	6	5	1	1	12,045	1,042	11,003	1.6	0	0	0	304.0	247.0	\$1,236	\$58	\$35	\$1,329	\$869,728	0.13
GREEN	314.64	18.45	4.7	5	8	0	2	3,264	237	3,027	0.8	0	0	0	110.0	114.0	\$55	\$937	\$32	\$1,023	\$321,978	0.04
DODGE	637.85	16.01	10.0	6	7	2	0	18,021	2,557	15,464	4.0	0	0	0	440.0	683.0	\$289	\$106	\$94	\$488	\$308,815	0.25
LA CROSSE	503.31	15.66	6.0	8	6	3	1	8,635	763	7,872	1.5	0	0	0	324.0	282.0	\$130	\$66	\$63	\$259	\$169,757	0.10
SAUK	576.25	13.60	5.5	9	5	5	0	14,423	1,131	13,292	2.0	0	0	0	270.0	292.0	\$151	\$56	\$44	\$251	\$144,610	0.14
COLUMBIA	787.4	11.68	4.0	9	4	7	0	23,826	1,578	22,248	2.0	0	0	3	204.0	392.0	\$156	\$44	\$45	\$245	\$192,937	0.17
ROCK	686.5	10.71	5.5	0	5	3	0	14,871	1,459	13,412	2.1	0	0	20	144.0	368.0	\$137	\$43	\$46	\$227	\$155,548	0.20
VERNON	468.36	18.29	5.1	11	7	4	1	7,043	759	6,284	1.6	0	0	0	245.0	279.0	\$112	\$61	\$51	\$225	\$107,603	0.09
IOWA	473.13	14.83	5.2	4	8	2	0	7,179	783	6,396	1.7	0	0	0	208.0	232.0	\$116	\$51	\$47	\$213	\$100,878	0.11
JUNEAU	496.27	17.87	6.7	3	10	1	1	8,887	678	8,209	1.4	0	0	0	132.0	208.0	\$108	\$37	\$38	\$183	\$90,593	0.08
RICHLAND	327.64	15.82	4.6	4	5	2	4	3,414	291	3,123	0.9	0	0	44	295.0	101.0	\$67	\$62	\$54	\$183	\$59,842	0.06
CRAWFORD	395.79	23.00	6.5	5	8	8	2	4,968	463	4,505	1.2	0	0	85	260.0	130.0	\$83	\$53	\$43	\$179	\$70,703	0.05
GRANT	622.06	13.28	4.8	2	5	3	0	9,793	916	8,877	1.5	0	0	188	168.0	219.0	\$96	\$42	\$30	\$168	\$104,383	0.11
LAFAYETTE	299.38	12.08	3.1	4	5	1	1	3,009	260	2,749	0.9	0	0	194	99.0	117.0	\$60	\$41	\$31	\$132	\$39,413	0.07
JEFFERSON	549.67	12.00	3.6	7	4	3	1	13,584	455	13,129	0.8	0	0	0	164.0	108.0	\$55	\$30	\$26	\$111	\$60,942	0.07
Region Total	--	--	--	--	--	--	--	152,962	13,372	139,590	--	0	0	534	--	--	--	--	--	--	\$2,797,730	
Region Average	15.06	5.3		5.5	6.1	3.0	0.9	10,197	891	9,306	1.6	0	0	36	224.5	251.5	\$190	\$112	\$45	\$348	\$186,515	0.11

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	669,968	94,346	575,622	--	0	0	2811.0	--	--	--	--	--	--	\$13,418,068	--
Statewide Average	25.34	16.1	3.9	10.2	3.3	2.2	9,436	1,329	8,107	3.0	0.0	0.0	39.6	426.0	311.3	\$232	\$111	\$83	\$426	\$188,987	0.12