

Storm Report Summary through Week 10 ending 1/4/2018

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	63.04	47.8	0	23	17	6	9,493	2,272	7,221	7.4	0	0	580	923.0	498.0	\$600	\$269	\$214	\$1,083	\$330,185	0.12
IRON	249.56	73.88	87.1	0	22	10	5	6,522	1,801	4,721	7.2	0	0	105	705.0	468.0	\$543	\$258	\$233	\$1,034	\$255,667	0.10
ONEIDA	396.79	63.36	43.6	1	25	3	8	9,893	1,992	7,901	5.0	0	0	644	1550.0	321.0	\$374	\$222	\$213	\$809	\$321,098	0.08
PRICE	322.26	66.48	41.4	5	27	4	7	6,625	1,564	5,061	4.9	0	0	57	755.0	442.0	\$397	\$207	\$150	\$753	\$244,751	0.07
FLORENCE	141.07	54.54	40.1	4	19	9	3	3,366	832	2,534	5.9	0	0	16	342.0	91.0	\$401	\$188	\$131	\$720	\$101,548	0.11
MARATHON	874.81	34.58	16.4	16	15	8	2	14,382	3,193	11,189	3.6	0	0	199	1958.0	751.0	\$306	\$167	\$150	\$624	\$647,452	0.11
LINCOLN	405.55	47.60	33.6	7	15	4	7	6,513	1,296	5,217	3.2	0	0	453	868.0	334.0	\$294	\$169	\$136	\$598	\$238,351	0.07
SHAWANO	520.57	34.87	23.9	2	13	5	2	9,576	2,325	7,251	4.5	0	0	158	908.0	584.0	\$284	\$160	\$130	\$574	\$298,284	0.13
FOREST	312.38	53.71	38.4	0	21	5	9	8,069	1,448	6,621	4.6	0	0	68	577.0	231.0	\$320	\$142	\$98	\$559	\$172,685	0.09
PORTAGE	584.63	22.96	13.8	3	10	5	2	8,584	1,688	6,896	2.9	0	0	642	886.0	782.0	\$230	\$171	\$139	\$540	\$314,605	0.13
WAUPACA	546.74	20.32	11.7	2	10	1	0	9,757	2,507	7,250	4.6	0	0	74	633.0	510.0	\$301	\$123	\$101	\$526	\$285,613	0.23
ADAMS	193.2	27.31	9.1	8	11	1	4	3,447	732	2,715	3.8	0	0	0	209.0	70.0	\$322	\$80	\$71	\$474	\$91,479	0.14
MENOMINEE	90.26	27.50	20.1	0	11	9	0	1,963	461	1,502	5.1	0	0	16	82.0	42.0	\$310	\$84	\$52	\$447	\$40,372	0.19
WOOD	422.62	25.15	19.0	3	11	3	3	7,038	1,545	5,493	3.7	0	0	155	408.0	238.0	\$283	\$89	\$68	\$440	\$184,902	0.15
LANGLADE	299.21	37.75	29.5	10	12	8	2	6,067	709	5,358	2.4	0	0	25	544.0	218.0	\$150	\$140	\$115	\$405	\$121,131	0.06
MARQUETTE	245.75	14.84	7.5	3	8	3	1	4,098	869	3,229	3.5	0	0	0	167.0	167.0	\$262	\$69	\$68	\$399	\$98,075	0.24
GREEN LAKE	158.44	23.26	9.5	3	8	3	3	1,848	248	1,600	1.6	0	0	0	100.0	63.0	\$114	\$58	\$52	\$224	\$35,270	0.07
WAUSHARA	345.01	19.01	9.9	0	9	1	1	4,029	302	3,727	0.9	0	0	0	177.0	77.0	\$58	\$44	\$31	\$132	\$45,566	0.05
Region Total	--	--	--	--	--	--	--	121,270	25,784	95,486	--	0	0	3192	--	--	--	--	--	--	\$3,827,034	
Region Average	39.45	27.9		3.7	15.0	5.5	3.6	6,737	1,432	5,305	4.2	0	0	177	655.1	327.1	\$308	\$147	\$120	\$575	\$212,613	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	30.60	6.9	3	13	3	2	12,160	2,617	9,543	4.2	0	0	0	702.0	795.0	\$468	\$130	\$128	\$727	\$399,243	0.14
BROWN	890.4	29.85	18.4	11	12	2	1	14,035	4,918	9,117	5.5	0	0	0	1162.0	1574.0	\$320	\$185	\$154	\$659	\$584,189	0.19
DOOR	271.8	38.18	20.0	2	13	9	2	4,865	1,163	3,702	4.3	0	0	7	262.0	477.0	\$285	\$163	\$169	\$617	\$166,614	0.11
MARINETTE	436.66	37.88	26.2	14	15	12	2	7,338	1,818	5,520	4.2	0	0	65	1156.0	200.0	\$274	\$143	\$140	\$557	\$243,311	0.11
OUTAGAMIE	538.63	25.15	18.9	3	12	1	3	10,117	2,004	8,113	3.7	0	0	0	914.0	507.0	\$292	\$117	\$131	\$540	\$272,565	0.15
MANITOWOC	426.01	25.85	15.1	5	7	7	2	8,448	1,955	6,493	4.6	0	0	0	714.0	268.0	\$277	\$138	\$102	\$517	\$220,040	0.18
FOND DU LAC	605.3	24.82	13.0	3	8	7	1	10,370	2,290	8,080	3.8	0	0	0	477.0	744.0	\$280	\$103	\$113	\$497	\$294,159	0.15
SHEBOYGAN	527.86	18.69	7.2	5	9	4	0	10,330	1,813	8,517	3.4	0	0	0	520.0	308.0	\$245	\$90	\$75	\$411	\$213,297	0.18
CALUMET	201.71	23.84	12.4	3	11	1	2	2,771	446	2,325	2.2	0	0	0	279.0	123.0	\$147	\$99	\$86	\$331	\$66,180	0.09
OCONTO	468.9	26.46	13.8	1	11	0	2	7,191	1,016	6,175	2.2	0	0	0	355.0	267.0	\$140	\$78	\$68	\$286	\$133,502	0.08
KEWAUNEE	111.35	25.70	13.1	2	10	3	2	1,600	122	1,478	1.1	0	0	36	122.0	30.0	\$99	\$81	\$63	\$243	\$25,799	0.04
Region Total	--	--	--	--	--	--	--	89,225	20,162	69,063	--	0	0	108	--	--	--	--	--	--	\$2,618,898	
Region Average	27.91	15.0		4.7	11.0	4.5	1.7	8,111	1,833	6,278	3.6	0	0	10	605.7	481.2	\$257	\$121	\$112	\$489	\$238,082	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	67.52	57.1	3	20	9	8	6,780	2,678	4,102	8.5	0	0	216	1040.0	645.0	\$545	\$320	\$239	\$1,104	\$349,176	0.13
WASHBURN	372.14	37.73	28.1	1	20	5	3	7,281	2,823	4,458	7.6	0	0	442	845.0	382.0	\$498	\$198	\$147	\$843	\$313,682	0.20
DOUGLAS	451.4	70.01	52.6	2	26	3	2	10,076	3,078	6,998	6.8	0	0	240	1105.0	697.0	\$400	\$206	\$195	\$801	\$361,478	0.10
ASHLAND	245.35	66.88	61.0	2	25	10	10	4,427	1,329	3,098	5.4	0	0	164	651.0	309.0	\$376	\$227	\$197	\$800	\$196,264	0.08
TAYLOR	233.9	50.29	21.0	9	17	11	4	4,031	1,208	2,823	5.2	0	0	20	375.0	304.0	\$471	\$167	\$139	\$777	\$176,791	0.10
BARRON	428.77	46.20	25.0	1	15	22	1	5,544	2,007	3,537	4.7	0	0	603	1349.0	417.0	\$327	\$222	\$178	\$727	\$311,565	0.10
JACKSON	515.44	23.26	16.3	0	13	1	0	10,367	1,811	8,556	3.5	0	0	0	313.0	430.0	\$268	\$358	\$72	\$699	\$360,084	0.15
CHIPPEWA	654.65	28.31	17.1	8	13	5	4	13,387	2,825	10,562	4.3	0	0	529	821.0	928.0	\$317	\$158	\$141	\$616	\$403,158	0.15
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
DUNN	519.24	31.28	11.5	4	14	5	2	11,877	2,366	9,511	4.6	0	0	171	628.0	512.0	\$347	\$128	\$127	\$603	\$311,419	0.15
SAINT CROIX	645.34	34.30	25.0	0	15	7	2	14,123	3,511	10,612	5.4	0	0	40	605.0	619.0	\$379	\$114	\$107	\$600	\$387,359	0.16
EAU CLAIRE	540.7	27.21	12.1	5	12	5	3	11,455	2,159	9,296	4.0	0	0	162	1250.0	364.0	\$328	\$137	\$125	\$590	\$317,834	0.15
CLARK	402.56	41.44	20.8	6	13	12	3	6,721	1,692	5,029	4.2	0	0	40	502.0	491.0	\$317	\$144	\$126	\$587	\$236,385	0.10
SAWYER	367.44	41.13	29.7	0	19	8	3	5,918	1,508	4,410	4.1	0	0	113	421.0	347.0	\$308	\$122	\$103	\$533	\$195,891	0.10
TREMPEALEAU	442.48	25.88	18.0	2	13	1	1	7,475	1,460	6,015	3.3	0	0	0	394.0	341.0	\$233	\$90	\$82	\$404	\$178,790	0.13
PIERCE	369.46	28.04	15.0	2	13	6	2	5,618	939	4,679	2.5	0	0	272	512.0	207.0	\$195	\$102	\$99	\$396	\$145,534	0.09
PEPIN	112.38	25.75	11.8	6	10	1	4	1,158	152	1,006	1.4	0	0	0	277.0	67.0	\$101	\$153	\$132	\$387	\$43,446	0.05
RUSK	213.47	20.43	8.6	0	13	1	0	3,104	575	2,529	2.7	0	0	63	262.0	71.0	\$198	\$84	\$66	\$348	\$74,220	0.13
BUFFALO	317.02	26.96	14.7	1	12	3	2	2,919	699	2,220	2.2	0	0	79	323.0	199.0	\$151	\$85	\$76	\$312	\$98,893	0.08
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
Region Total	--	--	--	--	--	--	--	143,741	34,478	109,263	--	0	0	3154	--	--	--	--	--	--	\$4,641,397	
Region Average	36.58	23.8		2.7	15.1	6.0	2.8	7,187	1,724	5,463	4.3	0	0	158	603.5	380.5	\$309	\$157	\$124	\$591	\$232,070	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		
WAUKESHA	1073.97	15.83	6.9	0	10	0	1	35,409	7,339	28,070	6.8	0	0	0	682.0	1003.0	\$414	\$81	\$96	\$591	\$634,952	0.43
KENOSHA	653.56	22.71	5.9	7	11	0	0	12,366	2,929	9,437	4.5	0	0	0	1018.0	705.0	\$275	\$125	\$152	\$552	\$360,953	0.20
MILWAUKEE	1955.81	14.63	3.2	6	6	2	0	53,588	8,112	45,476	4.1	0	0	0	1543.0	2488.0	\$280	\$104	\$162	\$547	\$1,054,319	0.28
WASHINGTON	611.91	24.56	8.1	4	11	2	1	15,922	2,961	12,961	4.8	0	0	0	312.0	747.0	\$337	\$98	\$101	\$537	\$313,080	0.20
WALWORTH	706.95	21.34	5.8	6	7	11	0	18,210	3,072	15,138	4.3	0	0	0	733.0	293.0	\$254	\$83	\$76	\$413	\$291,507	0.20
OZAUKEE	309.19	24.18	9.2	3	10	2	2	9,689	1,349	8,340	4.4	0	0	0	264.0	150.0	\$265	\$81	\$67	\$413	\$126,809	0.18
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	25,789	136,981	--	0	0	0	--	--	--	--	--	--	\$2,785,238	
Region Average	18.29	5.6		3.9	8.0	2.6	0.7	23,253	3,684	19,569	4.1	0	0	0	651.9	770.3	\$261	\$82	\$94	\$437	\$397,891	0.21

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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	19.49	7.1	6	8	2	1	12,045	1,591	10,454	2.4	0	0	0	475.0	319.0	\$1,886	\$81	\$50	\$2,016	\$1,318,971	0.12
GREEN	314.64	20.44	6.7	5	9	0	2	3,264	346	2,918	1.1	0	0	17	165.0	174.0	\$80	\$956	\$48	\$1,084	\$341,013	0.05
DODGE	637.85	20.65	12.0	6	8	4	0	18,021	3,225	14,796	5.1	0	0	3	515.0	814.0	\$360	\$125	\$111	\$596	\$377,925	0.24
JEFFERSON	549.67	24.08	7.9	7	9	7	1	13,584	1,757	11,827	3.2	0	838	0	317.0	434.0	\$359	\$82	\$77	\$518	\$284,468	0.13
COLUMBIA	787.4	23.20	7.0	9	6	11	0	23,826	3,167	20,659	4.0	0	0	258	430.0	792.0	\$313	\$92	\$92	\$497	\$391,194	0.17
SAUK	576.25	18.59	7.6	9	8	5	0	14,423	1,849	12,574	3.2	0	0	0	412.0	454.0	\$246	\$87	\$68	\$401	\$231,177	0.17
JUNEAU	496.27	24.59	8.7	3	12	3	1	8,887	1,471	7,416	3.0	0	0	0	322.0	387.0	\$229	\$76	\$77	\$383	\$189,316	0.12
ROCK	686.5	14.14	7.5	0	7	6	0	14,871	2,136	12,735	3.1	0	0	58	314.0	537.0	\$201	\$70	\$75	\$346	\$237,653	0.22
IOWA	473.13	22.16	7.1	4	11	5	0	7,179	1,288	5,891	2.7	0	0	0	334.0	350.0	\$191	\$77	\$72	\$340	\$160,914	0.12
LA CROSSE	503.31	18.85	8.0	8	8	3	1	8,635	893	7,742	1.8	0	0	0	464.0	340.0	\$147	\$87	\$82	\$316	\$205,440	0.09
VERNON	468.36	23.73	6.6	11	9	6	1	7,043	1,064	5,979	2.3	0	0	0	310.0	392.0	\$157	\$83	\$69	\$310	\$148,870	0.10
GRANT	622.06	22.91	6.3	2	8	7	0	9,793	1,361	8,432	2.2	0	0	379	340.0	355.0	\$143	\$70	\$52	\$264	\$164,478	0.10
RICHLAND	327.64	20.86	7.1	4	8	3	4	3,414	316	3,098	1.0	0	0	188	374.0	158.0	\$72	\$84	\$75	\$231	\$75,614	0.05
CRAWFORD	395.79	27.82	9.0	5	10	9	2	4,968	590	4,378	1.5	0	0	148	325.0	175.0	\$105	\$68	\$55	\$228	\$90,409	0.05
DANE	1543.7	8.74	0.5	2	5	0	0	51,035	1,258	49,777	0.8	0	0	0	201.0	645.0	\$57	\$118	\$42	\$217	\$334,577	0.09
LAFAYETTE	299.38	16.82	5.0	4	7	2	1	3,009	329	2,680	1.1	0	0	288	135.0	189.0	\$75	\$61	\$47	\$184	\$55,010	0.07
Region Total	--	--	--	--	--	--	--	203,997	22,641	181,356	--	0	838	1339	--	--	--	--	--	--	\$4,607,027	
Region Average	20.44	7.1		5.3	8.3	4.6	0.9	12,750	1,415	11,335	2.4	0	52	84	339.6	407.2	\$289	\$138	\$68	\$496	\$287,939	0.12

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
Statewide Total	--	--	--	--	--	--	721,003	128,854	592,149	--	0	838	7793.0	--	--	--	--	--	--	\$18,479,594	--
Statewide Average	30.61	18.0	3.9	12.2	5.0	2.2	10,014	1,790	8,224	3.7	0.0	11.6	108.2	562.8	426.3	\$292	\$138	\$106	\$535	\$256,661	0.13