

# Storm Report Summary through Week 7 ending 12/14/2017

## 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		
IRON	249.56	51.67	67.1	0	17	3	5	6,522	1,689	4,833	6.8	0	0	1	541.0	394.0	\$497	\$205	\$187	\$889	\$219,933	0.13
VILAS	305.24	37.89	39.1	0	15	9	4	9,493	1,977	7,516	6.5	0	0	108	642.0	430.0	\$505	\$201	\$165	\$872	\$265,796	0.17
ONEIDA	396.79	50.72	37.6	1	19	3	8	9,893	1,735	8,158	4.4	0	0	348	1215.0	311.0	\$325	\$181	\$177	\$684	\$271,237	0.09
PRICE	322.26	48.36	33.1	5	19	1	7	6,625	1,372	5,253	4.3	0	0	0	560.0	338.0	\$346	\$158	\$113	\$617	\$200,662	0.09
FLORENCE	141.07	42.02	34.1	4	15	5	2	3,366	741	2,625	5.3	0	0	0	279.0	74.0	\$356	\$154	\$107	\$616	\$86,895	0.13
FOREST	312.38	48.32	36.4	0	19	0	8	8,069	1,252	6,817	4.0	0	0	8	422.0	211.0	\$274	\$112	\$78	\$464	\$143,287	0.08
LINCOLN	405.55	34.84	27.6	6	11	0	7	6,513	1,040	5,473	2.6	0	0	242	636.0	239.0	\$234	\$122	\$99	\$455	\$180,781	0.07
MARATHON	874.81	23.19	14.4	13	11	3	1	14,382	2,231	12,151	2.6	0	0	3	1264.0	471.0	\$209	\$106	\$96	\$411	\$429,814	0.11
SHAWANO	520.57	16.91	16.4	2	7	0	2	9,576	1,357	8,219	2.6	0	0	0	524.0	278.0	\$163	\$86	\$68	\$317	\$164,964	0.15
PORTAGE	584.63	15.05	11.2	3	7	1	2	8,584	1,033	7,551	1.8	0	0	94	476.0	467.0	\$134	\$97	\$80	\$310	\$180,639	0.12
LANGLADE	299.21	26.72	24.5	8	8	5	2	6,067	508	5,559	1.7	0	0	0	381.0	183.0	\$107	\$103	\$87	\$297	\$88,987	0.06
MENOMINEE	90.26	15.13	17.5	0	6	3	0	1,963	272	1,691	3.0	0	0	7	66.0	13.0	\$183	\$53	\$31	\$267	\$24,063	0.20
WAUPACA	546.74	8.51	7.5	1	4	0	0	9,757	1,172	8,585	2.1	0	0	0	393.0	135.0	\$141	\$57	\$43	\$240	\$130,673	0.25
WOOD	422.62	14.26	11.0	3	7	1	3	7,038	665	6,373	1.6	0	0	26	136.0	146.0	\$121	\$39	\$32	\$192	\$80,552	0.11
ADAMS	193.2	12.53	3.6	5	4	0	3	3,447	255	3,192	1.3	0	0	0	93.0	11.0	\$114	\$30	\$25	\$169	\$32,616	0.11
MARQUETTE	245.75	4.96	4.0	2	3	1	0	4,098	343	3,755	1.4	0	0	0	77.0	68.0	\$98	\$30	\$29	\$157	\$38,621	0.28
GREEN LAKE	158.44	8.91	5.5	1	4	0	1	1,848	125	1,723	0.8	0	0	0	42.0	26.0	\$55	\$25	\$22	\$102	\$16,083	0.09
WAUSHARA	345.01	5.11	1.0	0	2	1	1	4,029	56	3,973	0.2	0	0	0	47.0	14.0	\$11	\$11	\$7	\$28	\$9,814	0.03
<b>Region Total</b>	--	--	--	--	--	--	--	121,270	17,823	103,447	--	0	0	837	--	--	--	--	--	--	\$2,565,419	
<b>Region Average</b>	25.84	21.8		3.0	9.9	2.0	3.1	6,737	990	5,747	2.9	0	0	47	433.0	211.6	\$215	\$98	\$80	\$394	\$142,523	0.13

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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	15.37	3.1	3	5	1	2	12,160	1,467	10,693	2.3	0	0	0	418.0	401.0	\$265	\$72	\$69	\$405	\$224,107	0.15
MARINETTE	436.66	26.90	20.2	11	9	7	1	7,338	1,218	6,120	2.8	0	0	0	574.0	112.0	\$181	\$80	\$71	\$332	\$145,147	0.10
DOOR	271.8	19.84	10.9	1	7	3	1	4,865	649	4,216	2.4	0	0	0	137.0	231.0	\$158	\$81	\$84	\$323	\$87,194	0.12
MANITOWOC	426.01	14.68	11.1	3	4	2	2	8,448	1,241	7,207	2.9	0	0	0	236.0	199.0	\$176	\$61	\$49	\$286	\$121,652	0.20
OUTAGAMIE	538.63	11.67	10.9	3	6	0	2	10,117	933	9,184	1.7	0	0	0	502.0	234.0	\$147	\$61	\$67	\$275	\$136,899	0.15
SHEBOYGAN	527.86	8.00	4.6	3	4	1	0	10,330	1,027	9,303	1.9	0	0	0	343.0	130.0	\$139	\$52	\$41	\$231	\$120,231	0.24
FOND DU LAC	605.3	11.26	6.0	2	3	4	1	10,370	1,104	9,266	1.8	0	0	0	239.0	278.0	\$135	\$47	\$47	\$228	\$135,198	0.16
KEWAUNEE	111.35	18.51	11.9	2	7	1	2	1,600	117	1,483	1.1	0	0	0	89.0	30.0	\$89	\$64	\$50	\$203	\$21,373	0.06
BROWN	890.4	10.64	2.8	9	5	0	1	14,035	1,138	12,897	1.3	0	0	0	363.0	433.0	\$78	\$54	\$44	\$176	\$155,454	0.12
CALUMET	201.71	12.84	8.2	2	4	1	2	2,771	216	2,555	1.1	0	0	0	185.0	48.0	\$73	\$54	\$47	\$175	\$35,027	0.08
OCONTO	468.9	15.53	8.7	1	6	0	2	7,191	520	6,671	1.1	0	0	0	99.0	177.0	\$72	\$35	\$33	\$140	\$65,152	0.07
<b>Region Total</b>	--	--	--	--	--	--	--	89,225	9,630	79,595	--	0	0	0	--	--	--	--	--	--	\$1,247,434	
<b>Region Average</b>	15.02	8.9		3.6	5.5	1.8	1.5	8,111	875	7,236	1.9	0	0	0	289.5	206.6	\$138	\$60	\$55	\$252	\$113,403	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	41.66	37.1	3	12	5	8	6,780	1,895	4,885	6.0	0	0	0	662.0	348.0	\$386	\$192	\$141	\$718	\$227,236	0.14
WASHBURN	372.14	26.70	25.1	1	14	1	3	7,281	2,374	4,907	6.4	0	0	0	616.0	253.0	\$419	\$140	\$104	\$662	\$246,388	0.24
DOUGLAS	451.4	49.34	42.3	2	18	3	2	10,076	2,696	7,380	6.0	0	0	9	793.0	538.0	\$350	\$157	\$145	\$652	\$294,392	0.12
ASHLAND	245.35	43.45	48.0	2	18	1	10	4,427	1,128	3,299	4.6	0	0	0	455.0	248.0	\$319	\$167	\$146	\$632	\$155,018	0.11
BARRON	428.77	31.05	18.5	1	10	15	1	5,544	1,701	3,843	4.0	0	0	168	912.0	339.0	\$277	\$156	\$128	\$561	\$240,552	0.13
TAYLOR	233.9	33.63	14.5	7	12	4	4	4,031	836	3,195	3.6	0	0	0	256.0	168.0	\$329	\$105	\$85	\$518	\$117,412	0.11
BURNETT	237.93	23.19	21.8	0	10	4	0	3,489	1,150	2,339	4.8	0	0	0	210.0	195.0	\$315	\$82	\$90	\$487	\$115,781	0.21
SAWYER	367.44	29.38	23.2	0	13	6	3	5,918	1,150	4,768	3.1	0	0	0	236.0	272.0	\$235	\$82	\$71	\$387	\$142,380	0.11
DUNN	519.24	18.81	7.5	3	9	3	1	11,877	1,420	10,457	2.7	0	0	0	350.0	300.0	\$204	\$71	\$73	\$348	\$180,141	0.15
SAINT CROIX	645.34	24.80	18.0	0	10	5	2	14,123	1,920	12,203	3.0	0	0	0	410.0	344.0	\$203	\$70	\$65	\$338	\$217,945	0.12
CLARK	402.56	27.44	14.8	6	10	5	3	6,721	982	5,739	2.4	0	0	0	247.0	275.0	\$184	\$76	\$67	\$327	\$131,773	0.09
RUSK	213.47	13.17	6.4	0	9	0	0	3,104	440	2,664	2.1	0	0	8	172.0	50.0	\$151	\$56	\$44	\$251	\$53,648	0.16
EAU CLAIRE	540.7	16.21	6.8	5	7	3	3	11,455	861	10,594	1.6	0	0	0	579.0	137.0	\$132	\$54	\$55	\$241	\$129,639	0.10
PIERCE	369.46	17.72	9.0	2	7	5	2	5,618	626	4,992	1.7	0	0	6	289.0	111.0	\$121	\$56	\$55	\$232	\$85,464	0.10
JACKSON	515.44	11.68	8.0	0	7	1	0	10,367	528	9,839	1.0	0	0	0	80.0	152.0	\$78	\$115	\$23	\$216	\$111,428	0.09
PEPIN	112.38	15.34	6.3	5	5	0	4	1,158	59	1,099	0.5	0	0	0	184.0	25.0	\$39	\$93	\$77	\$210	\$23,565	0.03
TREMPEALEAU	442.48	14.58	11.0	2	8	0	1	7,475	702	6,773	1.6	0	0	0	142.0	195.0	\$112	\$44	\$39	\$195	\$86,093	0.11
BUFFALO	317.02	12.30	6.7	1	6	1	2	2,919	275	2,644	0.9	0	0	2	145.0	57.0	\$60	\$32	\$28	\$119	\$37,848	0.07
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
<b>Region Total</b>	--	--	--	--	--	--	--	143,741	21,039	122,702	--	0	0	193	--	--	--	--	--	--	\$2,639,614	
<b>Region Average</b>	23.30	16.4		2.1	9.6	3.1	2.6	7,187	1,052	6,135	2.8	0	0	10	343.1	204.3	\$198	\$89	\$73	\$360	\$131,981	0.11

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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	Inci- dent											Mat'l	Equip	Labor	Total		
OZAUKEE	309.19	6.50	5.1	3	3	1	0	9,689	721	8,968	2.3	0	0	0	177.0	95.0	\$133	\$53	\$44	\$230	\$71,267	0.36
KENOSHA	653.56	10.28	2.7	6	6	0	0	12,366	867	11,499	1.3	0	0	0	507.0	247.0	\$82	\$64	\$64	\$210	\$137,152	0.13
WASHINGTON	611.91	5.72	4.3	4	3	0	0	15,922	1,235	14,687	2.0	0	0	0	146.0	284.0	\$128	\$32	\$40	\$201	\$123,212	0.35
MILWAUKEE	1955.81	4.24	1.2	5	2	1	0	53,588	1,931	51,657	1.0	0	0	0	552.0	807.0	\$75	\$34	\$54	\$163	\$314,679	0.23
WALWORTH	706.95	5.56	0.7	3	3	4	0	18,210	789	17,421	1.1	0	0	0	234.0	111.0	\$66	\$27	\$26	\$119	\$83,883	0.20
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
<b>Region Total</b>	--	--	--	--	--	--	--	162,770	5,759	157,011	--	0	0	0	--	--	--	--	--	--	\$757,523	
<b>Region Average</b>		5.70	2.2	3.1	2.9	1.0	0.1	23,253	823	22,430	1.1	0	0	0	237.4	230.7	\$71	\$31	\$34	\$136	\$108,218	0.19

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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		
GREEN	314.64	9.50	0.5	5	5	0	1	3,264	60	3,204	0.2	0	0	0	35.0	46.0	\$14	\$912	\$12	\$938	\$295,167	0.02
MONROE	654.43	6.71	2.1	3	3	0	1	12,045	543	11,502	0.8	0	0	0	116.0	167.0	\$644	\$26	\$19	\$689	\$450,643	0.12
DODGE	637.85	8.10	6.0	6	3	1	0	18,021	1,480	16,541	2.3	0	0	0	309.0	409.0	\$169	\$68	\$59	\$295	\$187,126	0.29
LA CROSSE	503.31	10.80	3.0	5	4	3	1	8,635	467	8,168	0.9	0	0	0	178.0	212.0	\$91	\$42	\$42	\$175	\$107,528	0.09
VERNON	468.36	11.94	3.6	9	4	3	1	7,043	334	6,709	0.7	0	0	0	151.0	156.0	\$49	\$35	\$30	\$114	\$54,008	0.06
COLUMBIA	787.4	6.35	2.0	7	2	5	0	23,826	695	23,131	0.9	0	0	0	161.0	146.0	\$69	\$22	\$22	\$112	\$88,473	0.14
JEFFERSON	549.67	10.80	3.6	4	4	2	1	13,584	451	13,133	0.8	0	0	0	132.0	107.0	\$55	\$26	\$23	\$104	\$57,235	0.08
CRAWFORD	395.79	17.57	3.2	4	5	6	2	4,968	262	4,706	0.7	0	0	61	153.0	79.0	\$47	\$32	\$25	\$104	\$41,118	0.04
RICHLAND	327.64	10.07	2.6	2	3	1	2	3,414	157	3,257	0.5	0	0	0	133.0	66.0	\$36	\$31	\$28	\$95	\$31,253	0.05
JUNEAU	496.27	8.51	1.6	3	4	0	1	8,887	292	8,595	0.6	0	0	0	92.0	80.0	\$48	\$19	\$18	\$85	\$42,222	0.07
SAUK	576.25	5.54	2.0	6	2	2	0	14,423	307	14,116	0.5	0	0	0	117.0	104.0	\$41	\$23	\$17	\$81	\$46,906	0.10
GRANT	622.06	9.02	1.3	2	3	3	0	9,793	386	9,407	0.6	0	0	33	83.0	109.0	\$41	\$24	\$15	\$79	\$49,344	0.07
IOWA	473.13	7.74	2.0	2	4	1	0	7,179	241	6,938	0.5	0	0	0	88.0	89.0	\$36	\$20	\$19	\$74	\$35,081	0.07
ROCK	686.5	4.24	2.0	0	2	1	0	14,871	410	14,461	0.6	0	0	0	46.0	145.0	\$39	\$16	\$18	\$72	\$49,483	0.14
LAFAYETTE	299.38	4.80	1.0	2	2	1	0	3,009	88	2,921	0.3	0	0	57	47.0	40.0	\$20	\$16	\$12	\$48	\$14,452	0.06
<b>Region Total</b>	--	--	--	--	--	--	--	152,962	6,173	146,789	--	0	0	151	--	--	--	--	--	--	\$1,550,042	
<b>Region Average</b>		8.78	2.4	4.0	3.3	1.9	0.7	10,197	412	9,786	0.7	0	0	10	122.7	130.3	\$93	\$87	\$24	\$204	\$103,336	0.09

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			Anti-Icing	Storms	Incident											Mat'l	Equip	Labor	Total		
<b>Statewide Total</b>	--	--	--	--	--	--	669,968	60,424	609,544	--	0	0	1181.0	--	--	--	--	--	--	\$8,760,032	--
<b>Statewide Average</b>	17.86	12.3	3.1	7.0	2.2	1.9	9,436	851	8,585	2.1	0.0	0.0	16.6	300.6	193.5	\$158	\$81	\$58	\$297	\$123,381	0.12