

# 2013-2014 Winter Severity Index

REGION	STATION	DECEMBER		WSI TOTAL	JANUARY		WSI TOTAL	FEBRUARY		WSI TOTAL	MARCH		WSI TOTAL	APRIL		WSI TOTAL	Cumulative WSI
		TEMP	SNOW		TEMP	SNOW		TEMP	SNOW		TEMP	SNOW		TEMP	SNOW		
Northern	Prentice	12	0	12	19	17	36	20	28	48	9	31	40	1	7	8	144
Northern	Pembine	13	0	13	20	2	22	21	28	49	12	25	37	0	0	0	121
Northern	Wausaukee	13	0	13	21	0	21	17	3	20	8	5	13	0	0	0	67
Northern	Crandon	15	0	15	22	7	29	18	28	46	11	31	42	0	2	2	134
Northern	Florence East	15	0	15	17	1	18	16	21	37	13	31	44	0	2	2	116
Northern	Grantsburg	15	3	18	22	10	32	23	28	51	9	25	34	0	3	3	138
Northern	Merrill	16	0	16	20	18	38	20	28	48	10	31	41	0	5	5	148
Northern	Woodruff	16	0	16	20	14	34	18	28	46	12	31	43	0	12	12	151
Northern	Winter	17	9	26	22	25	47	20	28	48	10	37	47	0	2	2	170
Northern	Alvin	18	0	18	19	1	20	21	28	49	12	31	43	1	10	11	141
Northern	Antigo	18	0	18	22	14	36	22	28	50	13	26	39	0	0	0	143
Northern	Barron	18	0	18	23	6	29	22	28	50	9	31	40	0	3	3	140
Northern	Gile	18	2	20	19	21	40	19	28	47	10	31	41	0	17	17	165
Northern	Hayward	18	2	20	24	15	39	20	28	48	9	31	40	0	6	6	153
Northern	Mercer	18	2	20	23	24	47	19	28	47	12	31	43	0	19	19	176
Northern	Park Falls	18	4	22	20	28	48	19	28	47	12	31	43	0	6	6	166
Northern	Spooner	18	4	22	23	14	37	20	28	48	8	31	39	0	7	7	153
Northern	Summit Lake	18	0	18	22	18	40	22	28	50	13	31	44	0	4	4	156
Northern	Trout Lake	19	0	19	22	20	42	21	28	49	15	28	43	1	20	21	174
Northern	Gordon	20	5	25	24	15	39	24	28	52	13	31	44	0	15	15	175
Northern	Ladysmith	20	0	20	23	26	49	22	28	50	10	30	40	0	0	0	159
Northern	Minong	20	9	29	24	26	50	20	28	48	12	31	43	0	8	8	178
Northern	Pattison	20	4	24	25	6	31	21	15	36	10	31	41	0	8	8	140
Northern	Rhineland	18	0	18	21	11	32	17	28	45	10	31	41	1	4	5	141
Northern	Barnes	21	17	38	25	31	56	22	28	50	10	22	32	0	4	4	180
Northern	Brule	21	10	31	23	25	48	20	28	48	10	31	41	0	10	10	178
Northern	Escanaba Lake	21	0	21	22	4	26	20	28	48	13	31	44	0	8	8	147
Northern	Copper Falls SP	22	7	29	24	12	36	21	28	49	11	31	42	0	11	11	167
Northern	Eagle River	15	0	15	20	13	33	19	28	47	17	31	48	1	2	3	146
Northern	Saxon	11	0	11	14	14	28	15	15	30	10	26	36	0	4	4	109
Northern	Tomahawk	16	0	16	21	18	39	19	28	47	9	31	40	0	3	3	145
Northern	Upson	19	2	21	21	16	37	21	28	49	11	31	42	1	12	13	162
Northern	Webster	19	1	20	23	10	33	21	28	49	12	30	42	0	2	2	146
Northern	White Lake	18	0	18	22	16	38	22	20	42	No Report		0	No Report		0	143
Farmland	Washington Island	2	0	2	8	3	11	10	5	15	3	7	10	0	0	0	38
Farmland	Casco	5	0	5	18	0	18	11	4	15	6	2	8	0	0	0	46
Farmland	Ephraim	6	0	6	20	0	20	13	6	19	5	10	15	0	0	0	60
Farmland	Peshtigo	9	0	9	16	0	16	16	8	24	4	9	13	0	0	0	62
Farmland	Two Rivers	9	0	9	19	0	19	16	5	21	2	10	12	0	0	0	61
Farmland	Appleton	10	0	10	19	0	19	15	6	21	6	7	13	0	0	0	63

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		TEMP	SNOW	TOTAL	TEMP	SNOW	TOTAL	TEMP	SNOW	TOTAL	TEMP	SNOW	TOTAL	TEMP	SNOW	TOTAL	WSI
Farmland	Brillion	10	0	10	20	0	20	17	0	17	5	0	5	0	0	0	52
Farmland	Fond du Lac	10	0	10	20	0	20	17	0	17	7	0	7	0	0	0	54
Farmland	Manitowoc	10	0	10	17	0	17	12	1	13	3	0	3	0	0	0	43
Farmland	Denmark	11	0	11	20	0	20	18	0	18	5	0	5	0	0	0	54
Farmland	Oconto Falls	11	0	11	19	0	19	19	14	33	5	9	14	0	0	0	77
Farmland	Oshkosh	11	0	11	20	0	20	17	0	17	6	0	6	0	0	0	54
Farmland	Sherwood	11	0	11	19	0	19	14	5	19	4	3	7	0	0	0	56
Farmland	Shiocton	11	0	11	17	17	34	13	28	41	3	14	17	0	0	0	103
Farmland	Sturgeon Bay	11	0	11	12	10	22	15	26	41	4	11	15	0	0	0	89
Farmland	Chilton	12	0	12	20	0	20	17	3	20	4	0	4	0	0	0	56
Farmland	Reedsville	12	0	12	19	0	19	17	0	17	4	0	4	0	0	0	52
Farmland	Shawano	12	0	12	17	0	17	14	13	27	4	9	13	0	0	0	69
Farmland	Waupaca	12	0	12	22	15	37	17	28	45	6	10	16	0	0	0	110
Farmland	Wisconsin Rapids	14	0	14	19	0	19	17	2	19	5	6	11	0	10	10	73
Farmland	Eau Claire	15	0	15	22	0	22	18	9	27	3	10	13	0	0	0	77
Central	Black River Falls	13	0	13	18	0	18	20	4	24	4	0	4	0	0	0	59
Central	Neilsville	13	0	13	21	3	24	17	13	30	4	11	0	0	0	0	67
Central	Sandhill	16	0	16	21	6	27	19	22	41	8	10	18	0	0	0	102
<b>Mean Northern (n=34)</b>		17.5	2.4	19.9	21.5	14.6	36.2	20.1	26.1	46.1	11.1	29.3	39.2	0.2	6.5	6.5	
<b>Mean Farmland (n=26)</b>		10.7	0.0	10.7	18.5	2.3	20.7	15.8	8.4	24.2	4.6	5.8	9.7	0.0	0.4	0.4	
<b>Mean all (N=44)</b>		14.7	1.4	16.1	20.3	9.5	29.8	18.3	18.8	37.1	8.3	19.4	27.0	0.1	4.0	4.0	
<b>Running WSI (all)</b>		16.1			45.8			82.9			110.6			114.7			
<b>Running WSI (Northern)</b>		19.9			56.0			102.1			142.5			149.2			
<b>Running WSI (Farmland)</b>		10.7			31.4			55.6			65.9			66.3			

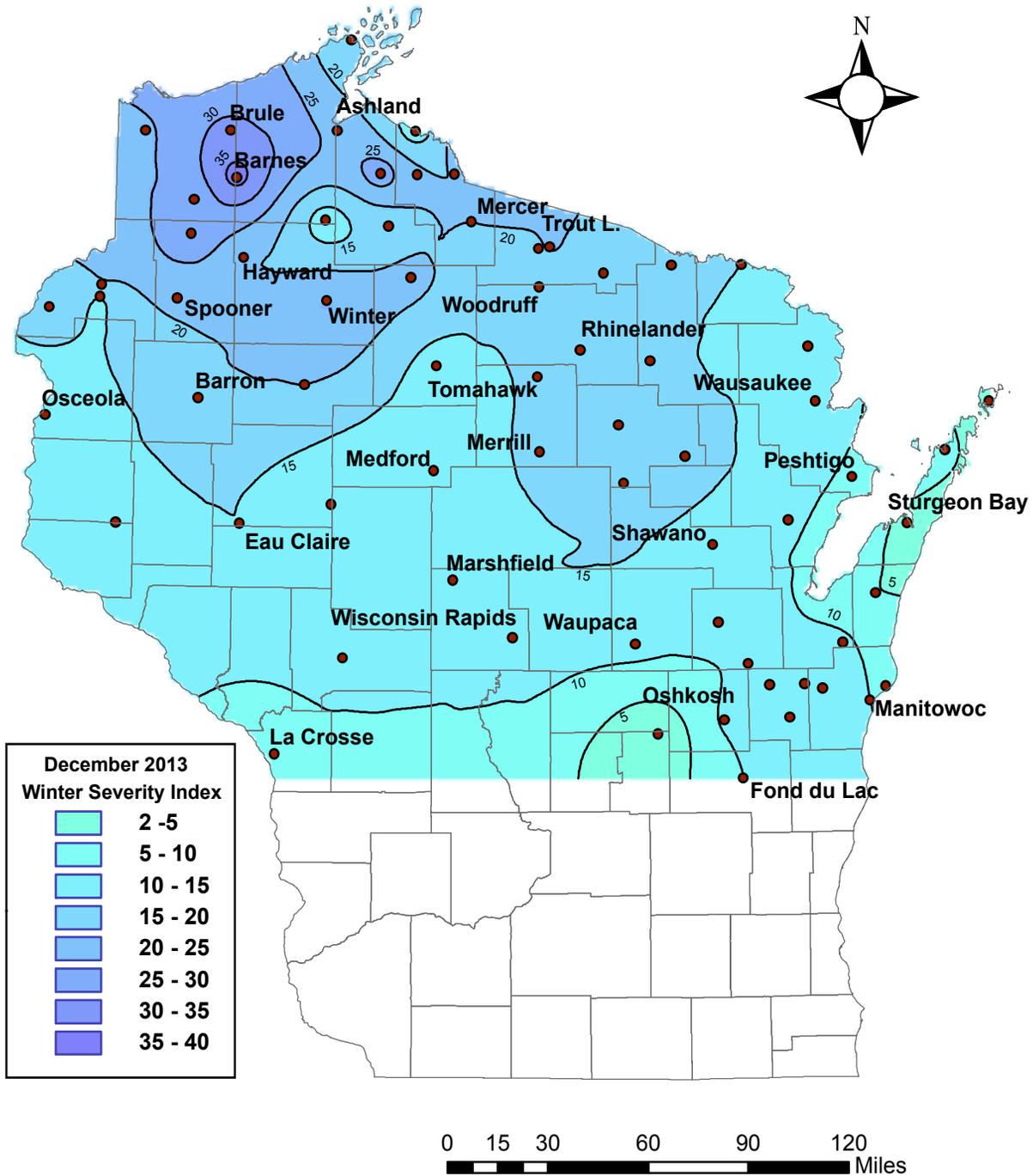
**WSI Scale:** Less than 50 = Mild  
50 to 79 = Moderate  
80 to 99 = Severe  
Greater than 100 = Very severe

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**Point Assignment:** 1 point for day w/  $\geq 18''$  snow  
1 point for day w/  $\leq 0^\circ$  F

# December 2013 Winter Severity Index

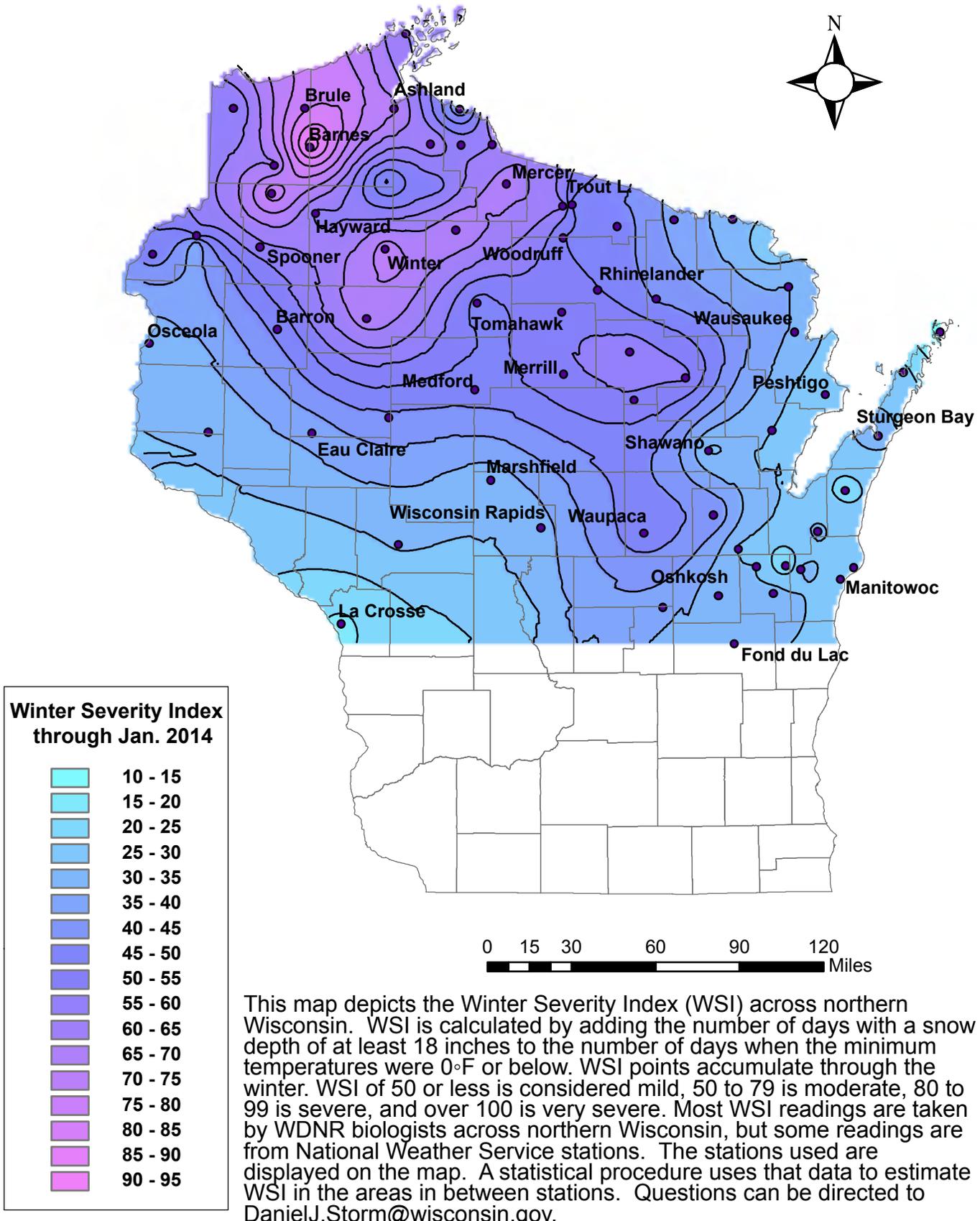
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This map depicts the Winter Severity Index (WSI) across northern Wisconsin. WSI is calculated by adding the number of days with a snow depth of at least 18 inches to the number of days when the minimum temperatures were 0°F or below. WSI points accumulate through the winter. WSI of 50 or less is considered mild, 50 to 79 is moderate, 80 to 99 is severe, and over 100 is very severe. Most WSI readings are taken by WDNR biologists across northern Wisconsin, but some readings are from National Weather Service stations. The stations used are displayed on the map. A statistical procedure uses that data to estimate WSI in the areas in between stations. Questions can be directed to [DanielJ.Storm@wisconsin.gov](mailto:DanielJ.Storm@wisconsin.gov).

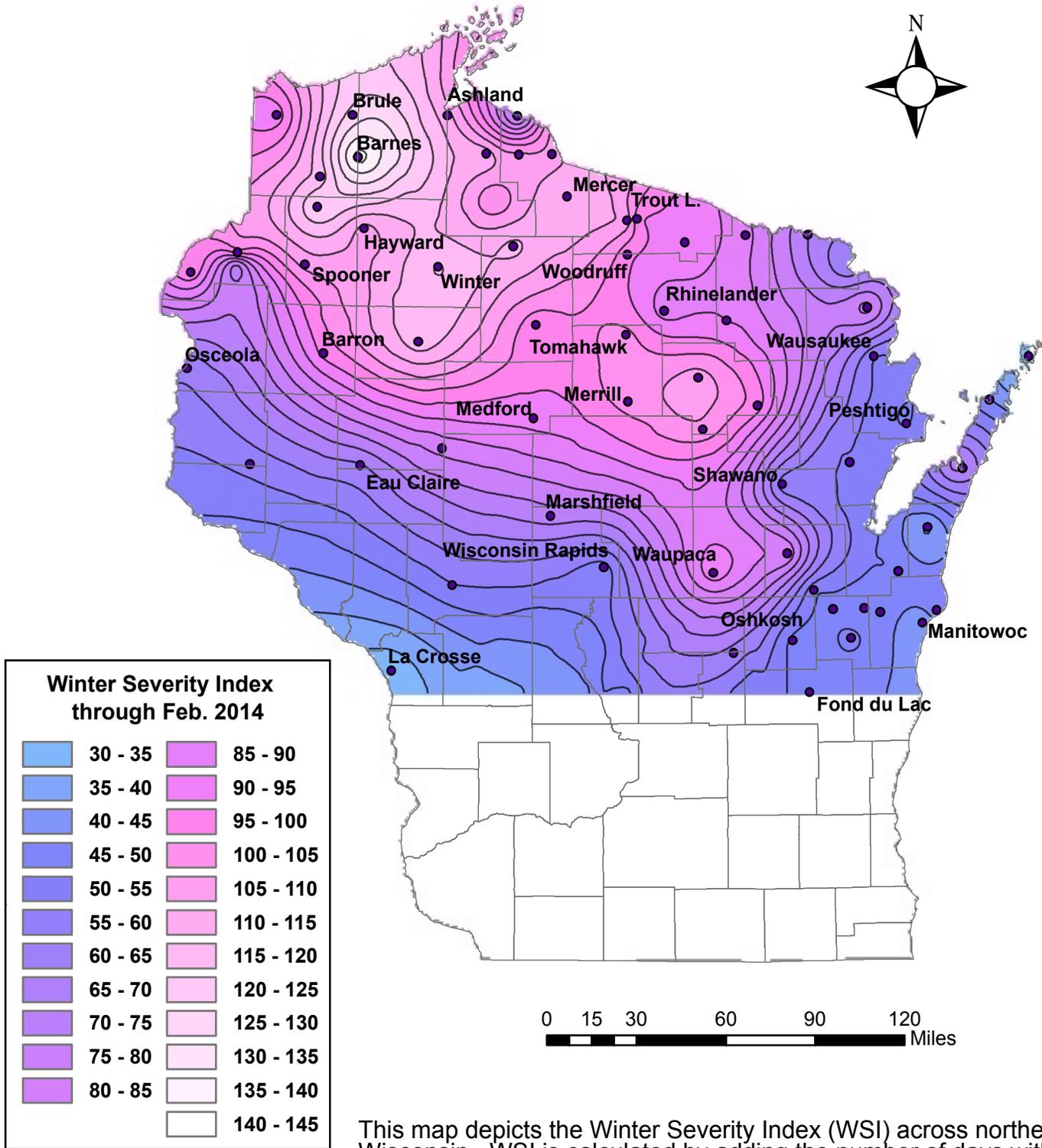
# Winter Severity Index through Jan. 2014

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# Winter Severity Index through Feb. 2014

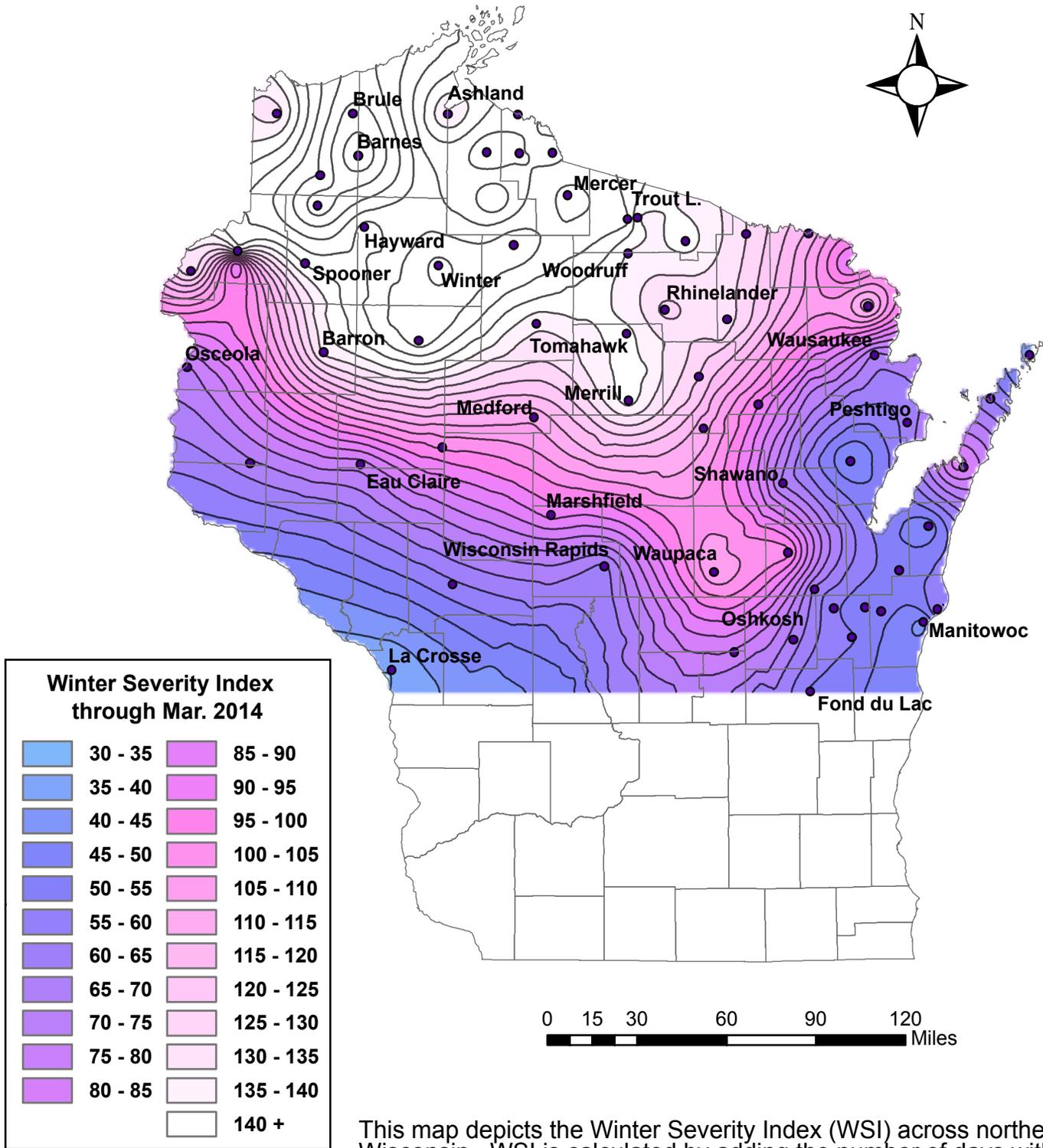
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# Winter Severity Index through Mar. 2014

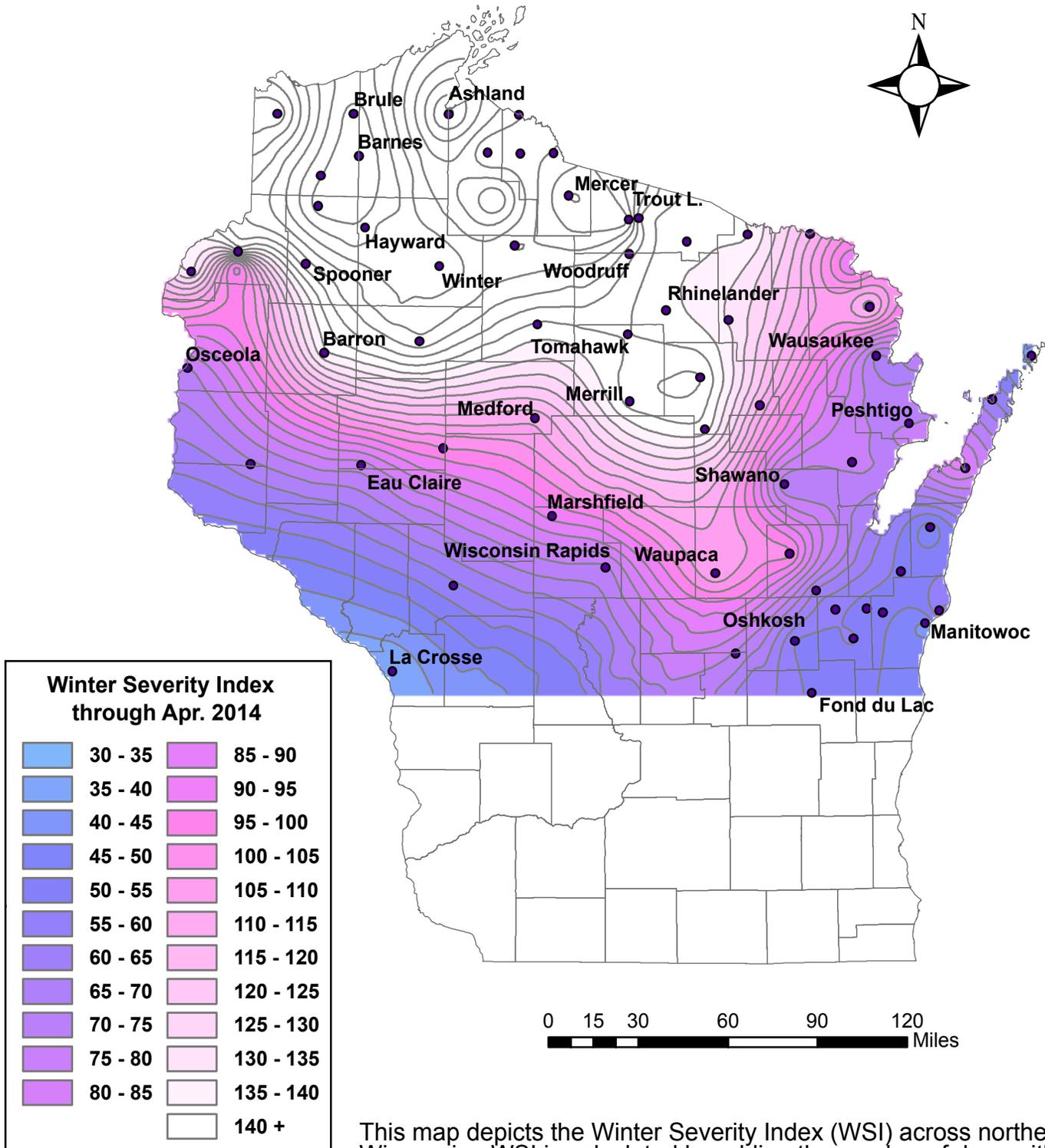
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# Winter Severity Index through Apr. 2014

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