

2014-2015 Winter Severity Index

REGION	STATION	DECEMBER		WSI	JANUARY		WSI	FEBRUARY		WSI	MARCH		WSI	APRIL		WSI	Cumulative WSI
		TEMP	SNOW	Total	TEMP	SNOW	Total	TEMP	SNOW	Total	TEMP	SNOW	Total	TEMP	SNOW	Total	
Northern	Prentice	7	0	7	10	0	10	18	0	18	4	0	4	0	0	0	39
Northern	Pembine	7	0	7	10	0	10	18	0	18	6	0	6	0	0	0	41
Northern	Wausaukee	4	0	4	10	0	10	13	0	13	3	0	3	0	0	0	30
Northern	Crandon	7	0	7	12	0	12	22	0	22	3	0	3	0	0	0	44
Northern	Florence East	11	5	16	14	30	44	23	9	32	8	5	13	0	0	0	105
Northern	Grantsburg	5	0	5	13	0	13	18	0	18	5	0	5	0	0	0	41
Northern	Merrill	7	0	7	11	0	11	19	0	19	3	0	3	0	0	0	40
Northern	Woodruff	7	0	7	12	0	12	21	3	24	3	4	7	0	0	0	50
Northern	Winter	6	0	6	14	0	14	21	0	21	5	0	5	0	0	0	46
Northern	Alvin	8	0	8	12	0	12	19	3	22	5	7	12	0	0	0	54
Northern	Antigo	8	0	8	11	0	11	22	0	22	4	0	4	0	0	0	45
Northern	Barron	6	0	6	13	0	13	21	0	21	4	0	4	0	0	0	44
Northern	Gile	6	5	11	11	31	42	17	28	45	3	12	15	0	0	0	113
Northern	Hayward	8	0	8	12	0	12	18	0	18	3	0	3	0	0	0	41
Northern	Mercer	8	0	8	14	0	14	24	7	31	5	8	13	0	0	0	66
Northern	Park Falls	7	0	7	13	0	13	20	0	20	4	3	7	0	0	0	47
Northern	Spooner	7	0	7	13	0	13	19	0	19	4	0	4	0	0	0	43
Northern	Summit Lake	8	0	8	11	0	11	22	0	22	4	0	4	0	0	0	45
Northern	Trout Lake	7	0	7	12	0	12	21	0	21	3	3	6	0	0	0	46
Northern	Gordon	6	0	6	16	1	17	21	0	21	6	0	6	0	0	0	50
Northern	Ladysmith	8	0	8	14	0	14	24	0	24	6	0	6	0	0	0	52
Northern	Minong	8	0	8	12	0	12	20	0	20	4	0	4	0	0	0	44
Northern	Pattison	5	0	5	13	0	13	20	0	20	2	0	2	0	0	0	40
Northern	Rhineland	7	0	7	11	0	11	19	0	19	3	1	4	0	0	0	41
Northern	Barnes	8	0	8	13	0	13	20	0	20	3	0	3	0	0	0	44
Northern	Brule	6	0	6	11	0	11	19	0	19	2	0	2	0	0	0	38
Northern	Escanaba Lake	6	0	6	13	0	13	23	1	24	3	4	7	0	0	0	50
Northern	Eagle River	7	0	7	12	16	28	20	8	28	5	8	13	0	0	0	76
Northern	Saxon	4	0	4	9	0	9	11	0	11	2	0	2	0	0	0	26
Northern	Tomahawk	8	0	8	12	0	12	22	0	22	3	0	3	0	0	0	45
Northern	Upson	5	1	6	13	0	13	19	17	36	3	5	8	0	0	0	63
Northern	Webster	6	0	6	12	0	12	19	0	19	4	0	4	0	0	0	41
Northern	White Lake	8	0	8	10	0	10	15	0	15	4	0	4	0	0	0	37

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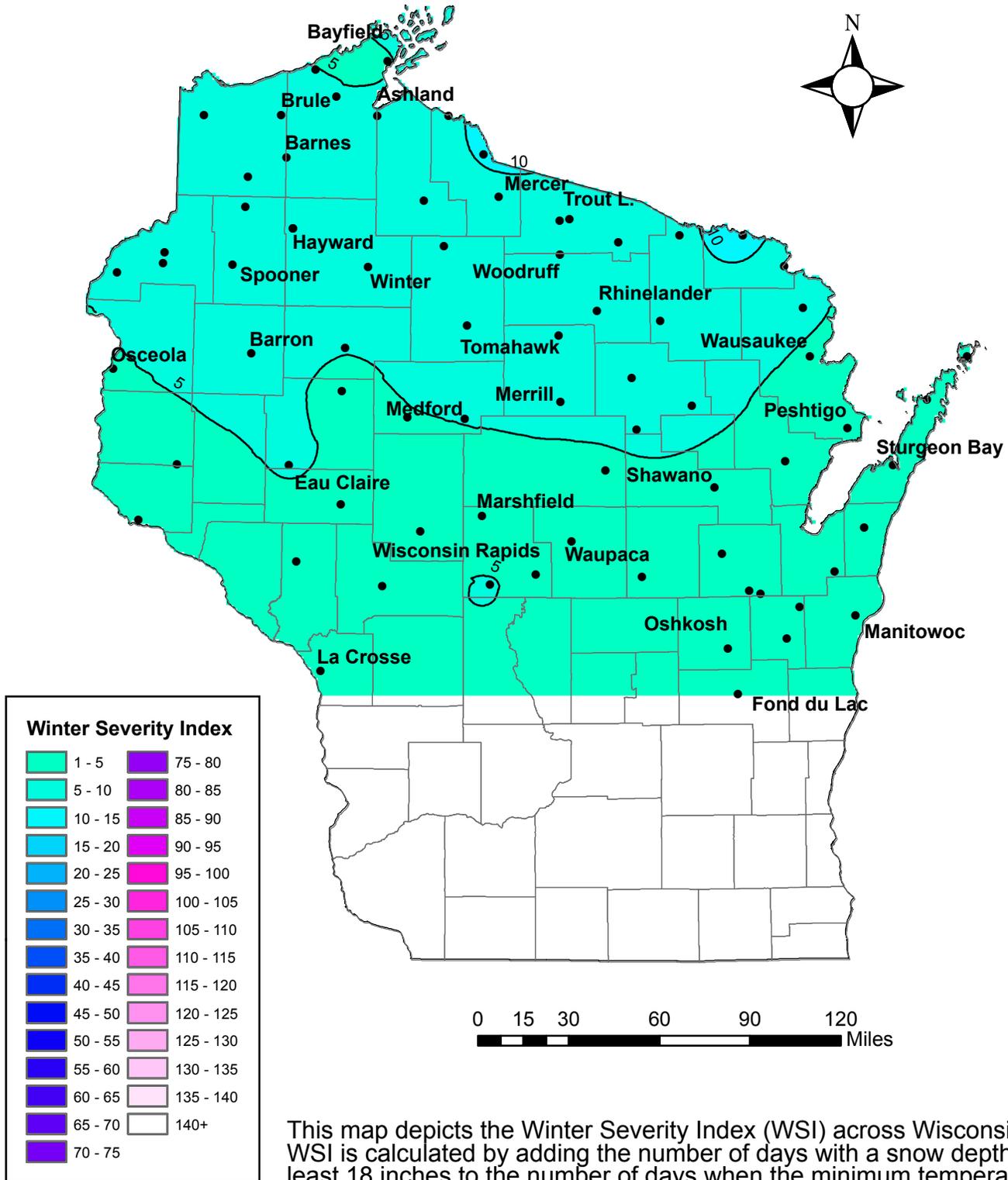
REGION	STATION	DECEMBER		WSI	JANUARY		WSI	FEBRUARY		WSI	MARCH		WSI	APRIL		WSI	Cumulative WSI
		TEMP	SNOW	Total	TEMP	SNOW	Total	TEMP	SNOW	Total	TEMP	SNOW	Total	TEMP	SNOW	Total	
Central	Washington Island	0	0	0	8	0	8	13	0	13	1	0	1	0	0	0	22
Central	Casco	1	0	1	9	0	9	12	0	12	1	0	1	0	0	0	23
Central	Ephraim	0	0	0	9	0	9	11	0	11	1	0	1	0	0	0	21
Central	Peshtigo	2	0	2	7	0	7	13	0	13	2	0	2	0	0	0	24
Central	Two Rivers	1	0	1	9	0	9	14	0	14	2	0	2	0	0	0	26
Central	Appleton	1	0	1	9	0	9	13	0	13	2	0	2	0	0	0	25
Central	Brillion	2	0	2	10	0	10	15	0	15	2	0	2	0	0	0	29
Central	Fond du Lac	1	0	1	10	0	10	15	0	15	3	0	3	0	0	0	29
Central	Manitowoc	0	0	0	7	0	7	14	0	14	2	0	2	0	0	0	23
Central	Denmark	1	0	1	10	0	10	12	0	12	1	0	1	0	0	0	24
Central	Oconto Falls	2	0	2	10	0	10	15	0	15	No report			0	0	0	27
Central	Oshkosh	1	0	1	10	0	10	14	0	14	2	0	2	0	0	0	27
Central	Sherwood	2	0	2	10	0	10	13	0	13	2	0	2	0	0	0	27
Central	Shiocton	2	0	2	7	0	7	12	0	12	1	0	1	0	0	0	22
Central	Sturgeon Bay	1	0	1	8	0	8	13	0	13	1	0	1	0	0	0	23
Central	Chilton	1	0	1	8	0	8	14	0	14	1	0	1	0	0	0	24
Central	Francis Creek	1	0	1	8	0	8	14	0	14	2	0	2	0	0	0	25
Central	Valders	1	0	1	8	0	8	14	0	14	2	0	2	0	0	0	25
Central	Shawano	3	0	3	9	0	9	14	0	14	1	0	1	0	0	0	27
Central	Waupaca	3	0	3	11	0	11	14	0	14	No report			0	0	0	28
Central	Wisconsin Rapids	4	0	4	10	0	10	16	0	16	3	0	3	0	0	0	33
Central	Eau Claire	6	0	6	11	0	11	15	0	15	No report			0	0	0	32
Central	Darboy	1	0	1	9	0	9	14	0	14	1	0	1	0	0	0	25
Central	Black River Falls	5	0	5	12	0	12	18	0	18	5	0	5	0	0	0	40
Central	Neillsville	4	0	4	11	0	11	19	0	19	No report			0	0	0	34
Central	Sandhill	6	0	6	11	0	11	14	0	18	3	0	3	0	0	0	38
Mean Northern (n=33)		6.8	0.3	7.2	12.1	2.4	14.5	19.6	2.3	21.9	3.9	1.8	5.7	0.0	0.0	0.0	
Mean Central (n=22)		2.0	0.0	2.0	9.3	0.0	9.3	14.0	0.0	14.0	1.9	0.0	1.9	0.0	0.0	0.0	
Mean all (N=55)		4.7	0.2	4.9	10.8	1.3	12.2	17.2	1.3	18.5	3.1	1.1	4.2	0.0	0.0	0.0	
Running WSI (all)		4.9			17.1			35.5			39.7			39.7			
Running WSI (Northern)		7.2			21.6			43.6			49.3			49.3			
Running WSI (Central)		2.0			11.3			25.3			27.2			27.2			

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

Point Assignment:
 1 point for day with ≥ 18" snow
 1 point for day with ≤ 0° F

Winter Severity Index through Dec. 2014

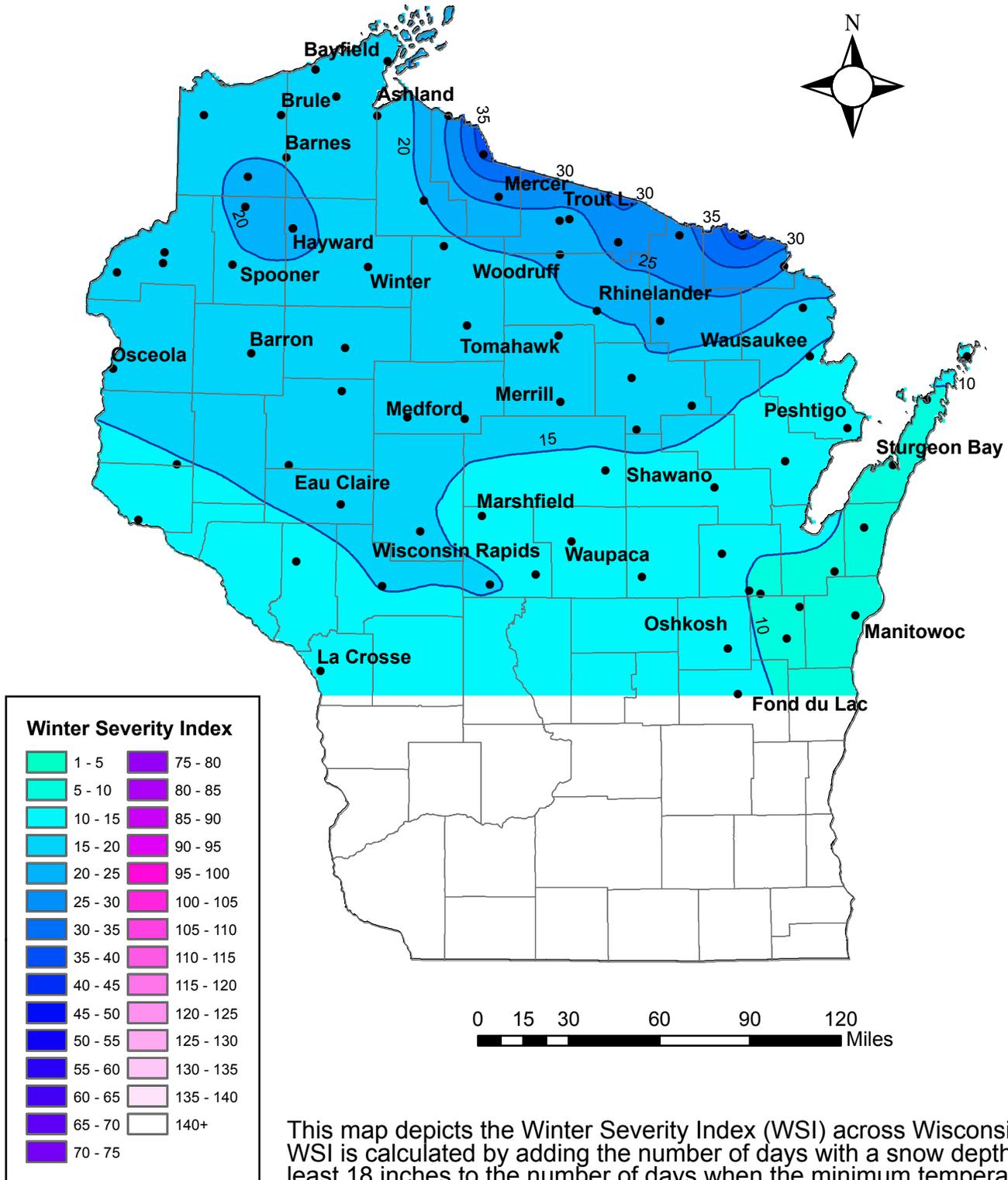
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This map depicts the Winter Severity Index (WSI) across Wisconsin. WSI is calculated by adding the number of days with a snow depth of at least 18 inches to the number of days when the minimum temperatures were 0°F or below. WSI points accumulate through 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.

Winter Severity Index through Jan. 2015

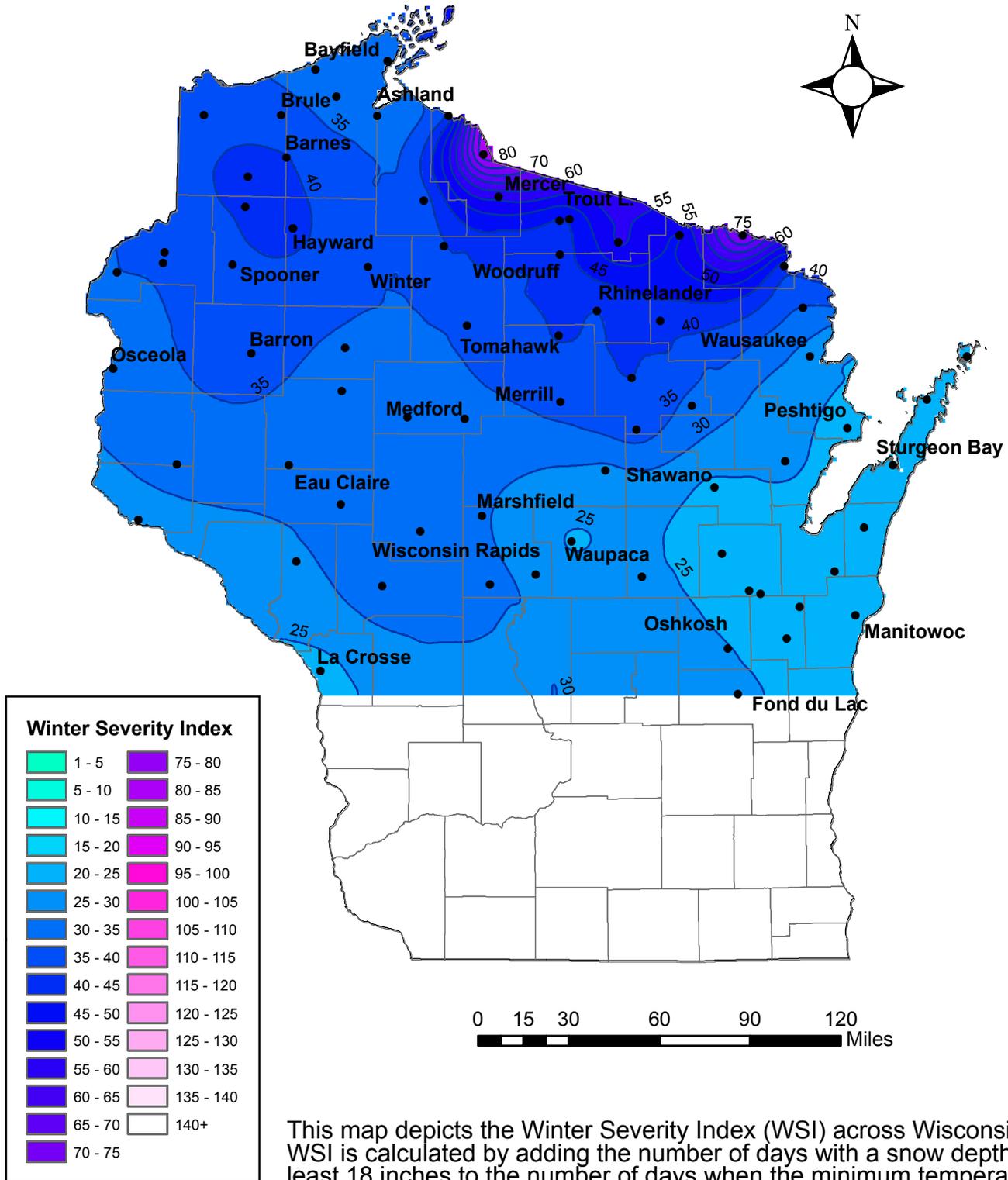
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Winter Severity Index through Feb. 2015

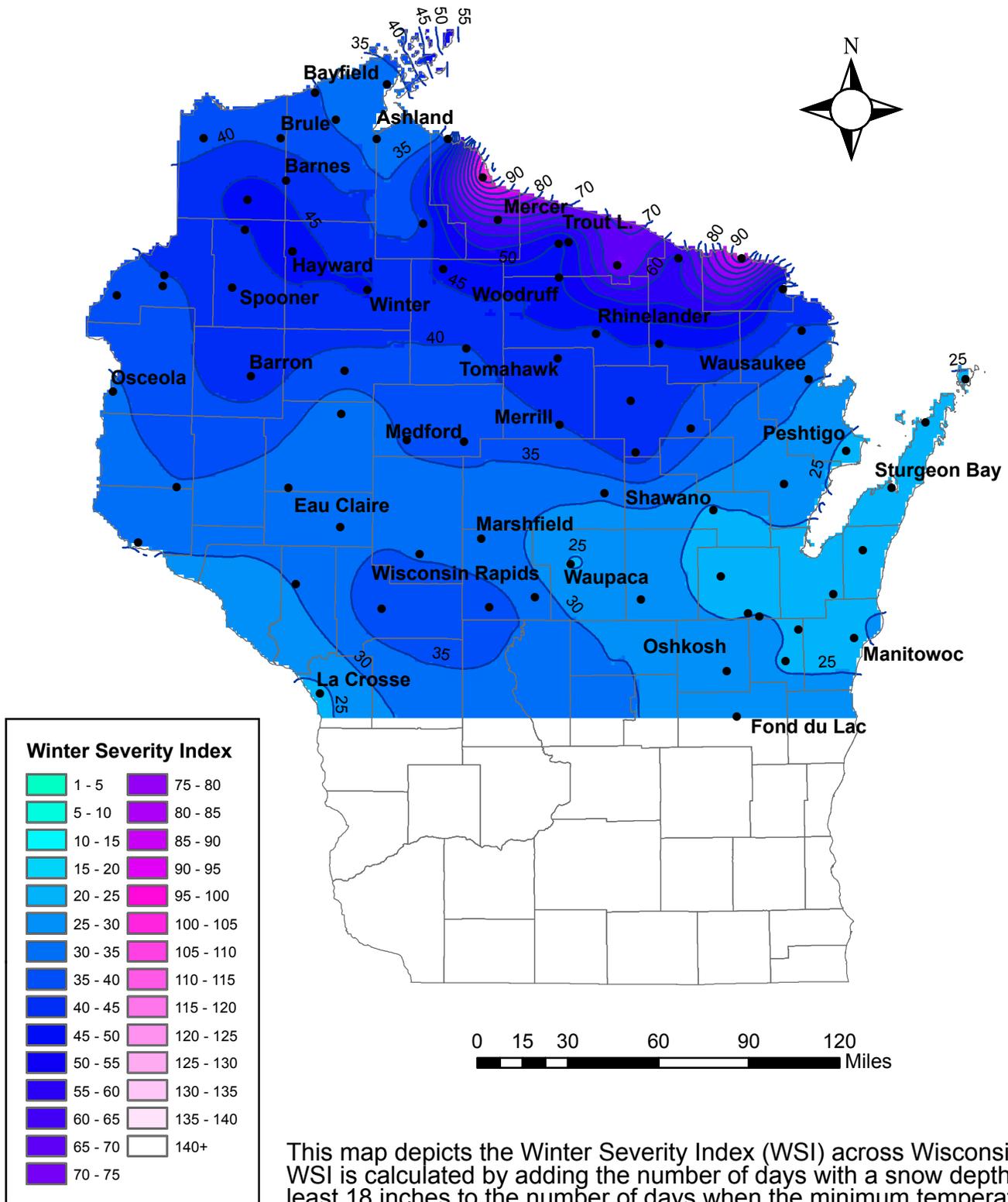
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Winter Severity Index through Mar. 2015

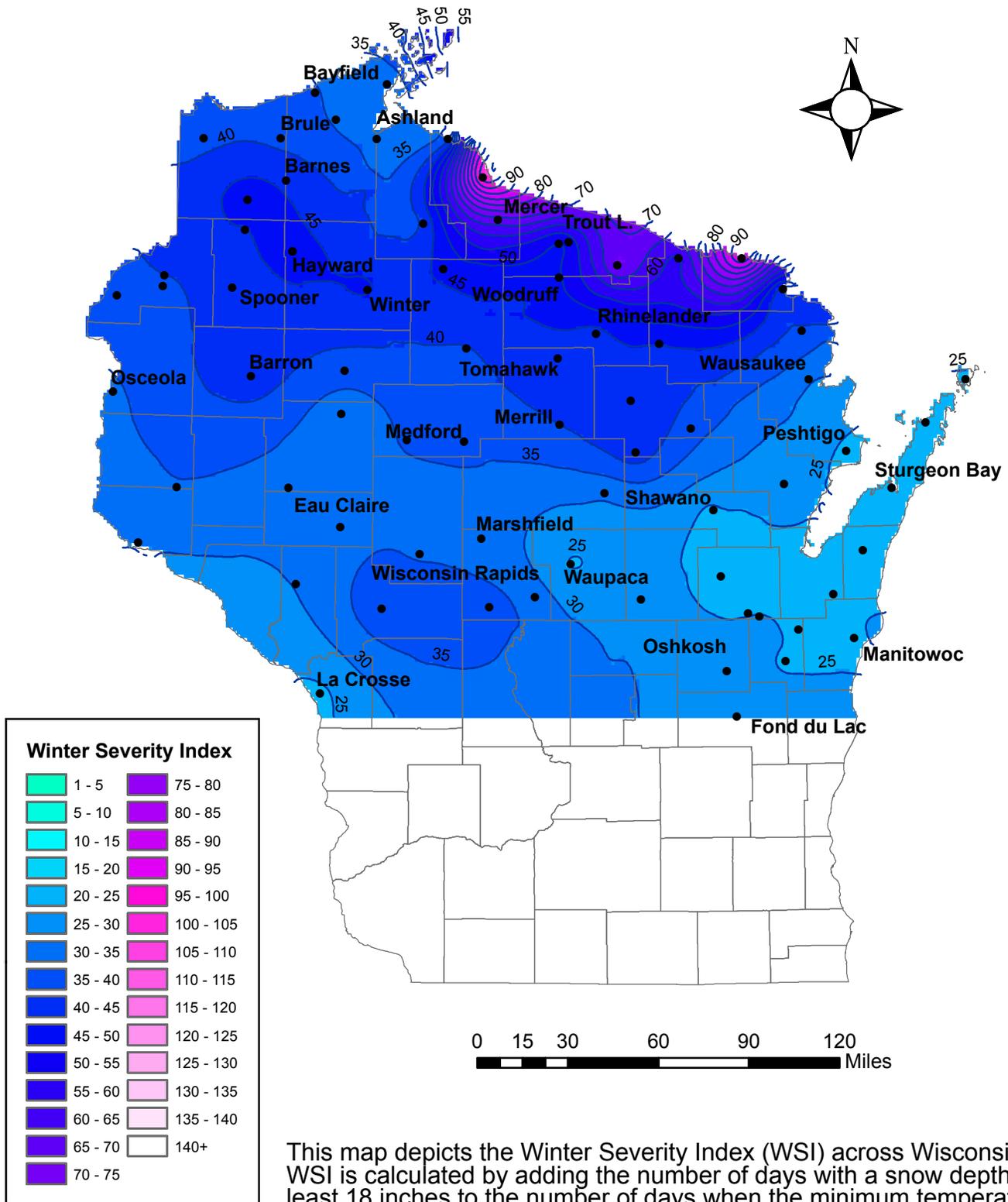
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Winter Severity Index through Apr. 2015

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