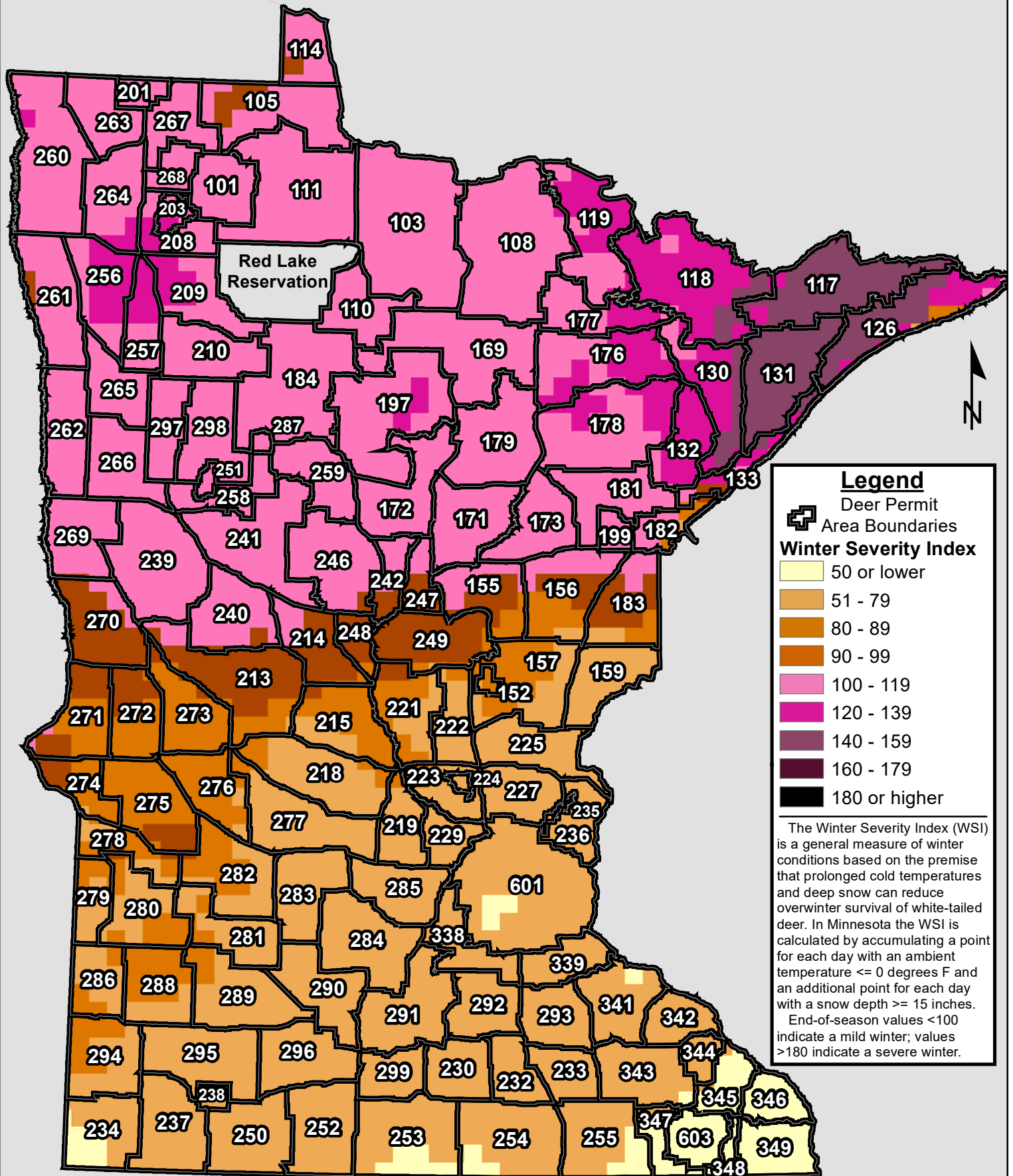


Winter Severity Index (WSI) for White-tailed Deer

November 1st, 2018 - April 10th, 2019



Legend

- Deer Permit Area Boundaries

Winter Severity Index

- 50 or lower
- 51 - 79
- 80 - 89
- 90 - 99
- 100 - 119
- 120 - 139
- 140 - 159
- 160 - 179
- 180 or higher

The Winter Severity Index (WSI) is a general measure of winter conditions based on the premise that prolonged cold temperatures and deep snow can reduce overwinter survival of white-tailed deer. In Minnesota the WSI is calculated by accumulating a point for each day with an ambient temperature ≤ 0 degrees F and an additional point for each day with a snow depth ≥ 15 inches. End-of-season values < 100 indicate a mild winter; values > 180 indicate a severe winter.