

WISCONSIN ENDANGERED RESOURCES REPORT # 137
STATUS OF THE TIMBER WOLF IN WISCONSIN
PERFORMANCE REPORT 1 JULY 2007 THROUGH 30 JUNE 2008
By Adrian P. Wydeven and Jane E. Wiedenhoft

SUMMARY

This report covers activities conducted from 1 July 2007 through 30 June 2008 on wolf conservation in Wisconsin. The Wisconsin DNR reclassified wolves from endangered to threatened in 1999 and delisted wolves to protected wild animals on 1 August 2004. The U.S. Fish and Wildlife Service downlisted wolves to threatened on 1 April 2003 but, following a federal district court ruling, relisted them as endangered on 31 January 2005. On 12 March 2007 wolves were removed from the federal list of threatened and endangered species in Wisconsin and other portions of the Western Great Lakes Distinct Population segment. The 1999 Wisconsin Wolf Management Plan and 2007 Wolf Plan Addendum determined wolf management in the state, and this report follows the outline of those plans to describe wolf management activities.

Twenty-four wolves and 1 wolf-dog hybrid were live captured and fitted with radio collars in 2007 in 22 different packs. Seventy-three radio collared wolves and 2 hybrids were monitored during the study period. Mean territory size was 30.5 square miles for adult wolves, and 6499 square miles of the state was estimated to be occupied by territorial wolves. The minimum count for winter 2007-2008 was 537 to 564 wolves in 144 packs and 24 as loners, and included 520 to 545 wolves living outside Indian reservations in the state. Sixteen wolves being actively monitored died during the period and included: 1 shot illegally, 1 vehicle collisions, 2 accidental trapping, 3 euthanized depredators, 1 shot protecting domestic animals, 4 mange and disease, 1 other wolves and 3 unknown mortalities. A total of 92 wolves were found dead in the state and included the following mortality factors: 35 euthanized problem wolves, 3 landowner shooting, 24 vehicle collisions, 11 illegal shootings, 1 shot in trap, 4 accidental trapping, 5 died from mange, 2 died from other wolves, 7 died from unknown mortalities. Twelve of 66 live-captured wolves examined in 2007 had some mange. Reports of wolf observations were received from 50 counties. Fifty-four depredations on domestic animals occurred during the period and included 36 cattle killed, 12 cattle injured, 2 sheep killed, 1 horse killed, 2 horses injured, 12 dogs killed and 11 dogs injured. Thirty-two wolves and 1 wolf-dog hybrid were captured at depredations sites and were euthanized. Nonlethal methods were also used on many farms. Various other strategies for implementing the Wisconsin Wolf Management Plan were also conducted during the period.

BUREAU OF ENDANGERED RESOURCES
Wisconsin Department of Natural Resources
P.O. Box 7921
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September 17, 2008

Table 1. *Wolves captured and radio-collared in Wisconsin in 2007.*

| Wolf | | County | | | |
|--|----------------------------|---------------------|--------------------------|-----------------|-------------|
| Number | Sex/Age^a | Weight (lbs) | Pack/Area | Captured | Date |
| Zone 1 - 30 captured, 24 collared | | | | | |
| W086-612-330 ^{*b} | M/P | 30 | Skinner Creek | Price | 03 Sep 07 |
| W100-343-011 [*] | F/Y | 60 | Echo Valley | Bayfield | 13 Jun 07 |
| W100-538-329 [*] | M/A | 90 | North Empire | Douglas | 18 May 07 |
| W101-017-820 [*] | M/P | 12 | Pincherry Lake | Vilas | 15 Jun 07 |
| W101-342-095 [*] | F/Y | 60 | North Empire | Douglas | 18 May 07 |
| W101-573-854 ^{*b} | F/P | 30 | Skinner Creek | Price | 04 Sep 07 |
| W564 | F/A | 60 | Moose Road | Douglas | 19 May 07 |
| W570 | F/A | 56 | Rainbow Lake | Bayfield | 13 May 07 |
| W605 | F/A | 62 | Ghost Lake | Bayfield | 14 May 07 |
| W606 ^b | M/A | NW | Weirgor Lake | Sawyer | 02 May 07 |
| W611 | F/Y | 54 | Swamp Creek | Oneida | 04 Jun 07 |
| W613 | F/A | 74 | North Empire | Douglas | 18 May 07 |
| W615 | F/A | 70 | Bearsdale | Bayfield | 10 Jun 07 |
| W616 | F/A | 70 | Pikes Peak | Douglas | 15 May 07 |
| W617 ^c | M/Y | 65 | Somo River/Bradley area? | Oneida | 29 Oct 07 |
| W618 ^c | M/P | 58 | Musser Creek | Price | 26 Feb 07 |
| W619 | M/A | 75 | Harrison Hills | Lincoln | 09 May 07 |
| W620 | F/Y | 56 | Namekagon Barrens | Burnett | 27 May 07 |
| W621 | F/A | 54 | Hoffman Lake | Ashland | 19 May 07 |
| W622 | M/A | 75 | Echo Valley | Bayfield | 13 Jun 07 |
| W623 | F/A | 80 | Bootjack Lake | Oneida | 29 May 07 |
| W624 | F/A | 60 | Chain Lake? | Douglas | 01 Jun 07 |
| W625 | M/A | 70 | Bearsdale | Bayfield | 27 Jun 07 |
| W626 | F/A | 80 | Bearsdale | Bayfield | 27 Jun 07 |
| W627 | F/A | 78 | Rainbow Lake? | Bayfield | 28 Jun 07 |
| W629 ^c | F/P | 46 | Twin Lakes | Bayfield | 27 Oct 07 |
| W633 ^c | M/Y? | 56 | Casey Creek | Bayfield | 23 Oct 07 |
| W636 ^{bH} | F/A | 60 | Skinner Creek | Price | 08 Sep 07 |
| W638 ^c | F/P | 44 | Smoky Hill | Bayfield | 01 Nov 07 |
| W649 | M/A | 80 | Whitney Lake | Vilas | 31 Dec 07 |
| Zone 2 – 1 captured & collared | | | | | |
| W635 ^c | F/Y | 71 | Dandy Creek? | Juneau | 20 Nov 07 |

^aAge at time of capture assuming birth date 1 April (P = Pup, Y = Yearling, A = Adult)

^bCaptured by Wildlife Services during depredation management work

^cCaptured by coyote trapper

*Not Collared NW = Not Weighed H= Wolf dog Hybrid

Table 2. Radio telemetry data on wolves monitored from July 1, 2007 – June 30, 2008 in Wisconsin.

| Wolf # & Sex | Age^a Pack^b | Date Captured | Last Date | # of Locations^c | Winter Territory Size (mi²) | # of Wolves in Territory^d |
|-----------------------------|---|--------------------------|-------------------------|---------------------------------------|---|---|
| <u>Zone 1</u> | | | | | | |
| M719M | Y Morgan Lake | 02 Nov 03 ^e | Ongoing | 112 | 53.2 | 5 |
| M726M | A Magee Creek | 12 Nov 05 ^f | Ongoing | 177 | 13.9 | 3 |
| M2737M | A Sabin Lake | 12 May 06 ^g | Ongoing | 70 | 28.7 | 6 |
| M2739M | A Pine Creek | 20 May 05 ^g | Ongoing | 67 | 21.5 | 3 |
| M2749F | Y Giant Pine | 25 Jun 06 ^g | Ongoing | 60 | 73.2 | 2 |
| M3616M | A North Empire | 11 Jul 03 ^h | 12 Jul 07 ^{**} | 28 | --- | 4 |
| 446F | A Transus Lake | 13 Jun 02 | 10 Jan 08 ^{**} | 256 | 13.6 | 3 |
| 461F ⁱ | P North Willow | 20 Nov 02 | 20 Nov 07 ^{**} | 227 | 8.5 | 3-4 |
| 473M | A Moose Lake | 22 May 06 ^j | Ongoing | 228 | 29.4 | 3-5 |
| 475F | A Shanagolden | 24 Jun 04 | Ongoing | 158 | 67.6 | 7-8 |
| 477F | A Hungry Run | 24 Jun 04 | 28 Jan 08 ^{**} | 149 | 28.1 | 3 |
| 495M | P Averill Creek North | 27 Jun 04 | 17 Jun 08 ^{**} | 172 | 27.9 | 5 |
| 498F | A Shoberg Lake | 09 Jun 05 | Ongoing | 127 | 44.1 | 6 |
| 500B F | A Escanaba Lake | 27 May 06 | Ongoing | 91 | 32.5 | 4 |
| 501B M | A Twin Lakes? | 13 Oct 04 | 20 Nov 07 ^{**} | 131 | 6.6 | 4 |
| 508F | Y Pine Lake | 12 Jul 04 | Ongoing | 170 | 20.7 | 3 |
| 510F | A Mason | 18 Mar 06 | 17 Apr 08 ^{**} | 76 | 11.7 | 2 |
| 511F | Y Sabin Lake | 28 Jun 06 | Ongoing | 80 | 30.0 | 6 |
| 517M | A North Empire | 16 May 06 | Ongoing | 87 | 25.5 | 4 |
| 520F | Y Foxboro | 13 Jun 06 | Ongoing | 81 | 49.0 | 3 |
| 556M | A Moreland Lake | 26 May 05 | 10 Sep 07 ^{**} | 94 | --- | 4 |
| 558F | A Truck Trail | 25 Jun 05 | Ongoing | 122 | 28.8 | 4 |
| 561F | Y Disperser | 07 Jun 06 | Ongoing | 71 | NE | --- |
| 564F | A Moose Road | 19 May 07 | Ongoing | 39 | 18.7 | 6-7 |
| 565M | A Bird Sanctuary | 05 May 06 | 09 Jul 07 ^{**} | 52 | --- | 4 |
| 570F | A Rainbow Lake/Casey Creek | 13 May 07 | 05 May 08 [*] | 33 | 43.2 / 3.4 | 4 / 2 |
| 572M | A Clifford | 24 May 06 | Ongoing | 89 | 11.6 | 2 |
| 573F | Y Torch River / Hungry Run | 26 Jun 06 | Ongoing | 80 | 39.0 / 9.6 | 4-5 / 3 |
| 599F | A Miller Creek | 04 Jun 08 | Ongoing | 5 | --- | 5 |
| 602F | A Crotte Creek | 11 May 06 | Ongoing | 87 | 20.0 | 7 |
| 604F | A Casey Creek | 24 May 06 | 09 Jan 08 ^{**} | 64 | 13.6 | 2 |
| 606M | A Weirgor Lake | 02 May 07 | 06 May 08 ^{**} | 36 | 35.7 | 3 |
| 608M | A Skinner Creek | 03 Jun 06 | 02 Oct 07 ^{**} | 49 | NE | 4 |

Table 2. *Continued.*

| Wolf # & Sex | Age ^a | Pack ^b | Date Captured | Last Date | # of Locations ^c | Winter Territory Size (mi ²) | # of Wolves in Territory ^d |
|-------------------|------------------|--------------------------|------------------------|-------------------------|--------------------------------|--|---|
| 611F | Y | Swamp Creek | 04 Jun 07 | Ongoing | 43 | 21.9 | 6 |
| 615F | A | Bearsdale / Pigeon Lake | 10 Jun 07 | Ongoing | 39 | 12.4 | 5 / 2 |
| 616F | A | Pikes Peak | 15 May 07 | Ongoing | 40 | 9.4 | 5 |
| 617M | Y | Bradley | 29 Oct 07 ^k | Ongoing | 34 | 16.8 | 7 |
| 618M | P | Musser Creek | 26 Feb 07 ^k | 14 Sep 07 ^{**} | 17 | --- | 5 |
| 619M | A | Harrison Hills | 09 May 07 | Ongoing | 45 | 34.6 | 3 |
| 620F | Y | Disperser | 27 May 07 | 03 Oct 07 [*] | 5 | NE | --- |
| 621F | A | Hoffman Lake / Disperser | 19 May 07 | 19 Sep 07 [*] | 9 | NE | 5 |
| 622M | A | Echo Valley | 13 Jun 07 | 05 Sep 07 [*] | 5 | --- | 4 |
| 623F | A | Bootjack Lake | 29 May 07 | Ongoing | 41 | 59.7 | 5-7 |
| 624F | A | Chain Lake? / Disperser? | 01 Jun 07 | 10 Dec 07 ^{**} | 15 | NE | 5 |
| 625M | A | Bearsdale | 27 Jun 07 | Ongoing | 39 | 42.2 | 5 |
| 626F | A | Bearsdale | 27 Jun 07 | Ongoing | 39 | 43.6 | 5 |
| 627F | A | Delta | 28 Jun 07 | Ongoing | 38 | 5.8 | 2-3 |
| 629F | P | Twin Lakes | 27 Oct 07 ^k | 12 Feb 08 ^{**} | 16 | 11.9 | 4 |
| 631M | A | Spruce River | 16 Jun 08 | Ongoing | 3 | --- | --- |
| 632F | A | Hoffman Lake | 15 May 08 | Ongoing | 7 | --- | 5 |
| 633M | Y | Casey Creek | 23 Oct 07 ^k | 19 Mar 08 [*] | 20 ^{***} | 16.2 | 2 |
| 634F | A | Spruce River | 16 Jun 08 | Ongoing | 3 | --- | --- |
| 636F ⁱ | A | Skinner Creek | 08 Sep 07 | 03 Oct 07 ^{**} | 4 | NE | 4 |
| 637M | Y | Bird Sanctuary | 30 Jun 08 | Ongoing | 1 | --- | 4 |
| 638F | P | Smoky Hill | 01 Nov 07 ^k | 15 Nov 07 ^{**} | 4 | NE | 3 |
| 644F | A | Tupper Creek | 10 Jun 08 | Ongoing | 3 | --- | 3 |
| 645F | A | Nineweb Lake | 09 May 08 | Ongoing | 4 | --- | 3-4 |
| 646M | A | Dunbar | 24 May 08 | Ongoing | 6 | --- | 4-5 |
| 647F | A | Averill Creek North | 01 Jun 08 | Ongoing | 6 | --- | 5 |
| 648F | A | Stevens Lake | 30 Jun 08 | Ongoing | 1 | --- | 1 |
| 649M | A | Whitney Lake / Disperser | 31 Dec 07 | 17 Jun 08 [*] | 24 | 53.8 | 3 |
| 650F | Y | Haystack Corner | 05 Jun 08 | Ongoing | 3 | --- | 5 |
| 651M | A | Brush Creek | 20 Jun 08 | Ongoing | 2 | --- | 5 |
| 662M | A | Twin Lakes | 22 Jun 08 | Ongoing | 2 | --- | 4 |
| 668F | A | Pokegama River | 27 Jun 08 | Ongoing | 1 | --- | 5 |
| 672F | A | Bird Sanctuary | 30 Jun 08 | Ongoing | 1 | --- | 4 |

Table 2. Continued.

| Wolf # & Sex | Age ^a | Pack ^b | Date Captured | Last Date | # of Locations ^c | Winter Territory Size (mi ²) | # of Wolves in Territory ^d |
|----------------------|------------------|----------------------------|------------------------|--------------|--------------------------------|--|---|
| <u>Zone 2</u> | | | | | | | |
| 413F | A | Noch Hanai | 10 Dec 06 ^l | 05 May 08* | 60 | 19.3 | 4-5 |
| 559F | Y | South Bluff / Turner Creek | 12 Aug 06 | Ongoing | 65 | 3.3 / 0.6 | 4-5 / 2 |
| 569F | Y | Starlight | 15 Jun 06 | 11 Feb 08* | 53 | 7.5 | 2-4 |
| 635F | Y | Mather | 20 Nov 07 ^k | Ongoing | 13 | 55.1 | 5 |
| 640M | A | Wildcat Mound | 16 Jun 08 | Ongoing | 2 | --- | 4 |
| 654F | A | Starlight | 07 Jun 08 | Ongoing | 2 | --- | 2-4 |
| 656M | A | Wildcat Mound | 16 Jun 08 | Ongoing | 2 | --- | 4 |
| <u>Zone 3</u> | | | | | | | |
| M4927M | P | Disperser | 11 Nov 06 ^m | 01 May 08** | 8 | NE | --- |
| 454F | A | Embarrass River | 19 Jul 02 ⁿ | 02 Jul 07** | 216 | --- | 0 |

^aAge at time of capture (P = Pup, Y = Yearling, A = Adult)

^bPack during winter of the study period

^cTotal locations from the time of capture

^dNumber of wolves in pack during midwinter

^eCaptured in Baraga County, Michigan

^fRecapture. Captured as an adult 11 May 2003 in Gogebic County, Michigan

^gCaptured in Gogebic County, Michigan

^hCaptured in Iron County, Michigan

ⁱWolf-dog hybrid

^jRecapture. Captured as an adult 29 Jun 2003 in Douglas County

^kCaptured by coyote trapper

^lRecapture; originally captured 05 Aug 2003 as a pup in Jackson County

^mCaptured Mackinac County, Michigan

ⁿCaptured by Wildlife Services on farm, translocated to Menominee County 29 Aug 2002

* Lost signal

** Died

*** Dispersed to Michigan

NE = No Estimate

Table 3. Pack and lone wolf summaries for Wisconsin in winter 2007-2008 (Map number refer to Figure 1). Evidence included Radio telemetry (R), Track surveys (T), and Observations by agency or general public (O).

| Map No. | Pack or Area | Survey Block | Counties | Winter Count | Pup Est. | Collared Wolf(ves) | Evidence | Breeding |
|---------------|----------------------|--------------|---------------------------|--------------|----------|---------------------|----------|----------|
| ZONE 1 | | | | | | | | |
| 1 | Pokegema R. | 1 | Douglas | 5 | 2-3 | 0 | T | Y |
| - | Nemadji River | 1 | Douglas | 1 | - | 0 | T | loner |
| 2 | Foxboro | 2 | Douglas/ Pine | 3 | 0? | 520F A | R & T | Y |
| 3 | North Empire | 3 | Douglas | 4 | 1-2 | 517M A | R & T | Y |
| 4 | South Empire | 3 | Douglas | 3 | 0 | 0 | T | Y |
| 5 | Moose Lake | 4 | Douglas | 3-5 | 1-2 | 473M A | R, T, O | Y |
| 6 | Pikes Peak | 4 | Douglas | 5 | 1-3 | 616F A | R, T, O | Y |
| 7 | South Range | 5 | Douglas | 3 | 1 | 0 | T | Y |
| 8 | L.Nebagamon | 6 | Douglas | 5 | 1-3 | 0 | T | Y |
| 9 | Moreland Lake | 6 | Douglas | 4 | 1-2 | 0 | T | Y |
| 10 | Amnicon River | 6 & 7 | Douglas | 2 | 0 | 0 | T & O | ? |
| 11 | Poplar River | 7 | Douglas | 4 | 1-2 | 0 | T | ? |
| - | Brule River Loner | 7 | Douglas | 1 | - | 570F A | R | loner |
| 12 | Casey Creek | 7 & 31 | Douglas/Bayfield | 2 | 0 | 604F 633M | R & T | Y |
| 13 | Shoberg Lake | 8 | Douglas | 6 | 2-4 | 498F A | R & T | Y |
| 14 | Chain Lake | 8,9,10 | Douglas/Wash. | 5 | 2-3 | 624F A | R & T | Y |
| 15 | Bird Sanctuary | 9 | Douglas | 4 | 1-2 | 0 | T | ? |
| 16 | Crotte Creek | 9 | Douglas | 7 | 3-5 | 602F | R, T, O | Y |
| 17 | Namekagon Barrens | 9 & 10 | Douglas/Burnett/Was h. | 5 | 1-3 | 0 | T | Y |
| 18 | Riverside | 10,11,12 | Burnett | 4 | 1-2 | 0 | T | Y |
| 19 | Moose Road | 11 | Douglas | 6-7 | 2-5 | 564F A | R & T | Y |
| 20 | Chase Brook | 11 | Douglas/Pine | 3 | 1 | 0 | T | ? |
| 21 | Webb Creek | 12&10 | Burnett | 5 | 2-3 | 0 | T | Y |
| 22 | Stuntz Brook | 12 | Washburn | 3 | 1? | 0 | T | ? |
| 23 | Amsterdam Slough | 13 | Burnett | 2 | 0 | 0 | T | N |
| 24 | Crex Meadow | 13 | Burnett | 5-6 | 2-3 | 0 | T | ? |
| 25 | Sterling Barrens | 14 | Burnett/ Polk | 6 | 2-4 | 0 | T | Y |
| 26 | Wolf Creek | 14 | Polk | 4 | 2 | 0 | T & O | Y |
| 29 | Holmes Lake | 19 | Washburn | 3 | 1? | 0 | O & T | ? |
| 30 | Wolf Lake | 19 | Washburn | 3 | 0? | 0 | T & O | Y |
| 31 | Weirgor Lake | 19&20a | Sawyer | 3 | 1? | 606M A | R & O | ? |
| 32 | Blue Hills N. | 20a | Sawyer / Rusk | 2 | 0 | 0 | T | Y |
| | Dugan Lake loner | 21 | Washburn | 1 | - | 0 | T & O | loner |
| 34 | Springbrook pair | 22 | Washburn | 2 | - | 0 | T | Y |
| 35 | Tranus Lake | 22 | Washburn | 3 | 1? | 446F A | R & T | Y |
| 36 | Frog Creek | 23 | Washburn | 4 | 1-2 | 0 | T | Y |
| 37 | Smoky Hill | 23 | Douglas/Sawyer | 3 | 1? | 638F P | T | Y |
| 38 | Ghost Lake | 24 | Sawyer/ Bayfield | 5 | 2-3 | 0 | T & O | Y |
| 39 | Seeley Hills | 24 & 29 | Bayfield/Sawyer | 3 | 1 | 0 | T & O | Y |
| 40 | Sabin Lake | 25 & 24 | Bayfield | 6 | 4 | M2737M A, 511F A | R, T, O | Y |
| 41 | Bearsdale | 25 | Bayfield | 5 | 1-3 | 625M A 626F A | R, T, O | Y |
| 42 | Rainbow Lake | 26 & 27 | Bayfield | 4 | 1-2 | 570F A | R & T | Y |
| 43 | Pigeon Lake | 27 | Bayfield | 2 | - | 615F A | R & T | Y |
| 44 | Delta | 27 & 28 | Bayfield | 2-3 | - | 627F A | R, T, O | Y |
| | Disperser | 27 & 28 | Bayfield | 1 | - | 561F | R | loner |

Table 3. Continued

| Map No. | Pack or Area | Survey Block | Counties | Winter Count | Pup Est. | Collared Wolf(ves) | Evidence | Breeding |
|---------|--------------------------|--------------|---------------------|--------------|----------|--------------------|----------|----------|
| 45 | Ino Swamp | 27 & 30 | Bayfield | 2 | 0 | 0 | T | Y |
| 46 | Bibon Swamp | 28 | Bayfield | 3-5 | 1-3 | 0 | T | Y |
| 47 | Mason | 28 | Bayfield | 2 | 0 | 510F | R & T | Y |
| 48 | Porcupine Lake | 29 & 35 | Bayfield | 5 | 1-3 | 0 | T | Y |
| 49 | Moquah | 30 | Bayfield | 3 | 1? | 0 | T & O | Y? |
| 50 | Twin Lakes | 30 & 33 | Bayfield | 4 | 1-2 | 629F | R | Y? |
| 51 | Flag River | 31 | Bayfield | 3 | 1? | 0 | T | Y |
| 52 | Oriente Falls | 31 | Bayfield | 3 | 1 | 0 | T | Y |
| 53 | Siskiwit Lake | 32 & 33 | Bayfield | 4 | 2 | 0 | T | Y |
| 54 | Echo Valley | 33 | Bayfield | 4 | 0-2 | 0 | T | Y |
| 55 | Beaver Dam L. | 34 | Ashland/Bayfield | 7-9 | 4-6 | 0 | T | Y |
| 56 | Hellhole Creek | 35 | Bayfield/Ash. | 3 | 1? | 0 | T | Y |
| 57 | Brush Creek | 36,57 | Ashland | 5 | 1-3 | 0 | T & O | Y |
| 58 | Torch River | 37,38,36 | Ashland/Sawyer | 4-5 | 1-2 | 573F | T, R, O | Y |
| 59 | Venison Creek | 37 | Sawyer | 4 | 1-2 | 0 | T | Y |
| 60 | Hungry Run | 37 & 40 | Ashland/Sawyer | 3 | 1? | 477F | T, R, O | Y |
| 61 | Shanagolden | 38 & 36 | Ashland | 7-8 | 4-5 | 475F | T, R., O | Y |
| 62R | West Firelane | 39 & 60 | Ashland /Iron | 3-5 | 1-2 | 0 | T | ? |
| 63R | White River | 39 & 34 | Ashland | 2 | - | 0 | O | ? |
| 64 | Pine Creek | 40 | Price/Ashland | 3 | 0 | M2739m | R | ? |
| 65 | Log Creek | 40 | Ashland/Sawyer | 3 | 1? | 0 | T & O | ? |
| 66 | Davis Lake | 41 & 52 | Price | 4 | 1-2 | 0 | T & O | Y |
| 67 | Price Creek | 41 & 44 | Price/Sawyer | 3 | 0? | 0 | T | ? |
| 68 | Thornapple R. | 41 & 43 | Sawyer | 5 | 1-3 | 0 | T & O | Y |
| 69R | Eddy Creek | 42 | Sawyer | 3 | 1 | 0 | T & O | Y |
| 70 | Round Lake | 42,37,24 | Sawyer | 2 | - | 0 | T | ? |
| 71 | Haystack Corner | 43 | Sawyer | 5 | 2-3 | 0 | T | Y |
| 72 | Tupper Creek | 43 | Sawyer | 3 | 0? | 0 | T & O | Y |
| 73 | Skinner Creek | 44 | Price/Sawyer | 4 | 1-2 | 0 | T | Y |
| 74 | Spring Creek | 44,46,51 | Price | 3 | 1? | 0 | T | Y |
| 75 | Green Creek | 46 | Price | 2 | 0 | 0 | T | N |
| 76 | Kidrick Swamp | 47 | Taylor | 3 | 1 | 0 | T | Y |
| 77 | Chequamegon Waters loner | 47 | Taylor | 1 | - | 0 | T | loner |
| 78 | Mondeaux Flowage | 47 | Taylor | 2 | 0 | 0 | T | N |
| 79 | Averill Creek S. | 48 & 70 | Lincoln | 4 | 1-2 | 0 | T | Y |
| 80 | Spirit Lake | 49 & 48 | Taylor | 2 | 0 | 0 | T | Y |
| 81 | Alcohol Creek | 49 & 50 | Taylor/ Price | 2 | - | 0 | T | N |
| 82 | Marheime Cr. | 49 & 50 | Taylor/Lincoln | 2 | 0 | 0 | T | Y |
| 83 | Clifford | 51 | Price/Oneida | 2 | - | 572M A | R, T, O | Y |
| 84 | Musser Creek | 51 | Price | 5 | 2-3 | 0 | T & O | Y |
| 85 | Little Rice R. | 51 & 67 | Oneida/Price | 3-4 | 1? | 0 | T | Y |
| 86 | Wintergreen | 52 & 54 | Price | 8 | 3-5 | 0 | T | Y |
| 87 | Bootjack Lake | 53,51,65 | Oneida/Price | 5-7 | 3-4 | 623F A | R, T, O | Y |
| 88 | Miles Lake | 54 | Price/Vilas/Iron | 3 | 1 | 0 | T & O | Y |
| 89 | Hoffman Lake | 55 | Ashland/ Iron/Price | 5 | 1-3 | 0 | T & O | Y |
| 90 | Murray's Landing | 55, 54, 64 | Iron | 3 | 0 | 0 | T & O | Y |
| 91 | Magee Creek | 56 & 38 | Ashland | 3 | 0? | M726M A | R, T, O | Y |
| 92 | Chippewa R. | 56 & 58 | Iron/Ashland | 6 | 3-4 | 0 | T | Y |
| 93 | Augustine L. | 57 | Ashland | 4 | 1? | 0 | T & O | Y |
| 94 | O'Brien Lake | 57 & 59 | Iron & Ashland | 2 | 0 | 0 | T & O | Y? |
| 95 | Pine Lake | 58,59,61 | Iron | 3 | 0? | 508F A | R & T | Y |

Table 3. Continued

| Map No. | Pack or Area | Survey Block | Counties | Winter Count | Pup Est. | Collared Wolf(ves) | Evidence | Breeding |
|---------|----------------|--------------|--------------------|--------------|----------|--------------------|----------|----------|
| 96R | Morrison Creek | 60 & 39 | Ashland /Iron | 2 | 0 | 0 | T | N |
| 97 | Cedar Lake | 62 | Iron/ Vilas | 2 | 0 | 0 | T & O | Y |
| 98 | Whitney Lake | 63 | Vilas | 3 | 1? | 649M A | R, T, O | Y |
| 99R | Little Rock L. | 64 | Vilas | 2 | 0 | 0 | T | Y |
| 100 | North Willow | 65 | Oneida | 3-4 | 0? | 0 | T | Y |
| 101 | Swamp Creek | 67 | Oneida | 6 | 3 | 611F Y | R, T, O | Y |
| 102 | Bradley | 67 & 68 | Oneida/ Lincoln | 7 | 4-5 | 617M P | R, T, O | Y |
| | Loner 649M | several | Oneida /Price | 1 | - | 649M A | R | loner |
| 103 | Somo River | 68 | Lincoln | 3 | 1 | 0 | T & O | Y |
| 104 | Ranger Island | 69 | Lincoln | 4 | 1-2 | 0 | T & O | Y |
| 105 | Averill Cr. N. | 70 | Lincoln | 5 | 1-3 | 495M A | R, T, O | Y |
| | Wis. R. loner | 70 | Lincoln | 1 | - | 0 | O | loner |
| 106 | Harrison Hills | 71 & 75 | Lincoln | 3 | 1 | 619M A | R & T | ? |
| 107 | Clearwater Cr. | 72 & 74 | Langlade | 3 | 1? | 0 | O? | ? |
| 108 | Prairie River | 74 | Langlade | 3 | ? | 0 | T | ? |
| 109 | Crescent Flats | 75 | Lincoln/Oneida | 2 | 0 | 0 | T | N? |
| 110 | Pelican Lake | 76 | Oneida | 1 | - | 0 | T | loner |
| 111 | Stone Lake | 79 | Oneida | 2 | - | 0 | O & T | ? |
| 112 | Escanaba Lake | 80 & 81 | Vilas | 4 | 1-2 | 500bF A | R, T, O | Y |
| 113 | Nineweb Lake | 81 & 80 | Vilas | 3-4 | 1-2 | 0 | T | Y |
| | Muskrat Creek | 82 | Vilas | 1 | - | 0 | T | N |
| 114 | Giant Pine | 84,85 | Forest | 2 | 0 | M2749f A | R & T | Y |
| | Crocker Hills | 89 | Langlade | 1+ | - | 0 | T | loner? |
| 115 | Ada Lake | 92 | Langlade/Oconto | 3 | 1 | 0 | T & O | Y |
| 116 | McArthur Pine | 95 & 100 | Forest | 4 | 1-2 | 0 | T | Y |
| 117 | Stevens Lake | 96 & 97 | Forest | 1 | - | 0 | T | loner |
| 118 | Mud Lake | 99 | Florence | 2 | 0 | 0 | T & O | N? |
| 119 | Morgan Lake | 100, 98 | Florence/Forest | 5 | 3 | M719m A | R, T, O | Y |
| 120 | Knowles Creek | 102 | Forest/Oconto | 1+ | 0 | 0 | T | ? |
| 121 | Eagle Creek | 102, 106 | Marinette | 2 | 0 | 0 | T | Y |
| 122 | Dunbar | 108, 110 | Marinette/Florence | 4-5 | 1-2 | 0 | T & O | Y |
| | Pemene loner | 110 | Marinette/Florence | 1 | - | 0 | T | - |
| | Menominee R. | 111 | Marinette | 1 | - | 0 | T | - |
| 123 | Island Lake | 112, 106 | Marinette | 2 | - | 0 | T & O | N |

Zone 1 Totals**417-436 wolves in 116 packs +14 loners**

| ZONE 2 | | | | | | | | |
|---------------|---------------|-----------|--------------------|-----|-----|--------|---------|-------|
| 126 | Eau Claire R. | 117 | Eau Claire/Clark | 4 | 1-2 | 0 | T | Y |
| 127 | Iron Run | 117, 118 | Clark / Eau Claire | 4 | 1? | 0 | T | Y |
| 128 | Wedges Creek | 118 | Clark | 4-5 | 1-2 | 0 | T | Y |
| 129 | Brushy Ridge | 119 | Jackson, Clark | 6 | 4 | 0 | T | Y |
| 130 | Noch Hanai | 119, 120 | Jackson | 4-5 | 1-2 | 413F A | T & R | Y |
| 131 | 2-Korner | 119, 124 | Jackson, Wood | 4 | 1-2 | 0 | T | Y |
| 132 | Wildcat Mound | 120 | Jackson | 4 | 1-2 | 0 | T | Y |
| 133 | Starlight | 120 | Jackson | 2-4 | ? | 569F A | T & R | Y |
| 134 | McKenna | 120 & 121 | Jackson | 3-4 | 1? | 0 | T | Y |
| 135 | Bear Bluff | 121 | Jackson | 4-5 | 1-3 | 0 | T & O | Y |
| 136 | South Bluff | 121 | Wood, Juneau | 4-5 | 1-3 | 559F A | T, R, O | Y |
| 137 | Meadow Valley | 121 & 122 | Juneau | 2 | - | 0 | T & O | Y |
| 138 | Turner Creek | 121 & 124 | Wood | 2 | - | 559F A | R & O | ? |
| 139 | Mather | 121 & 122 | Juneau, Monroe | 5 | 2 | 635F Y | R & T | Y |
| 140 | Silo | 122 | Juneau | 3 | 0? | 0 | O & T | Y |
| 142 | Veedum | 124 | Wood | 1 | - | 0 | T & O | loner |
| 143 | Seneca | 124 | Wood | 3 | 1? | 0 | O | ? |
| 144 | Rattail | 125 | Juneau | 5 | 1-3 | 0 | T & O | Y |
| 146 | Colburn | 127 | Adams | 2 | 0 | 0 | T | Y |

Table 3. Continued

| Map No. | Pack or Area | Survey Block | Counties | Winter Count | Pup Est. | Collared Wolf(ves) | Evidence | Breeding |
|---------|--------------|--------------|-----------|--------------|----------|--------------------|----------|----------|
| 147 | Cave's Creek | 128 | Marquette | 1 | - | 0 | O | loner |
| 148 | Lemonweir R. | 129 | Juneau | 1 | - | 0 | O | loner |

Zone 2 Totals**65-72 wolves in 18 packs +3 loners**

| ZONE 3 | | | | | | | | |
|---------------|--------------------------------|--------------|----------------------|-----|-----|---|-------|-------|
| 27 | Clam River | 17 | Burnett/Polk | 2 | 0 | 0 | T | ? |
| 28 | Sand Creek loner | 17 | Burnett/Polk | 1 | - | 0 | T | loner |
| - | Shell Lake (Boyer Creek) loner | 18 | Washburn | 1 | - | 0 | T | loner |
| 33 | Blue Hills South | 20b,20a, 126 | Rusk/Barron | 2 | 0 | 0 | T | Y |
| 124 | L. Noquebay | 113 | Marinette | 3 | 0? | 0 | T & O | Y |
| 125 | Peshtigo Br. | 115 & 104 | Oconto | 1 | - | 0 | T | loner |
| 141 | Ft. McCoy | 123 | Monroe | 4-5 | 2? | 0 | O & T | Y |
| 145 | Spence Lake | 126 | Rusk/Chippewa | 3 | 1? | 0 | O | ? |
| 149R | Miller Creek | 130,90 | Shawano/Menom. | 5 | 3 | 0 | T | Y |
| 150 | Mead WA | 133 | Marathon/Wood/ Port. | 6 | 2-4 | 0 | O & T | Y? |
| 151 | Lambs Cr. | - | Dunn | 2 | 0 | 0 | O | ? |
| 152 | Big Rib | - | Marathon/Lincoln | 2 | 0 | 0 | T | N |
| | M4927 | C WI | many | 1 | - | 0 | R | loner |
| 153 | Cary Bluff | - | Clark | 2 | - | 0 | T | ? |
| | Vernon disperser | - | Vernon | 1 | - | 0 | O | loner |

Zone 3 Totals**31-32 wolves in 10 packs +5 loners**

| ZONE 4 | | | | | | | | |
|---------------|---------------------|---|-----------------|---|---|---|---|-------|
| | Lafayette disperser | - | Lafayette, Iowa | 1 | - | 0 | O | loner |
| | Waukesha disperser | - | Waukesha | 1 | - | 0 | O | loner |

Zone 4 Totals**2 loners****STATE TOTALS**513-540 wolves in 144 packs
+24 loners**537-564 Total Wolves**

17-19 wolves in 6 packs on reservations

520-545 Wolves off reservations

| MI & MN Packs | | | | | | | | |
|--------------------------|-------------|-------|-----------|---|---|---------|-------|---|
| 155 | Truck Trail | - | Minnesota | 4 | 2 | W558F A | R & T | Y |
| 154 | Cheney Lake | 61,MI | Iron | 2 | - | 0 | T & O | Y |

^a* = Loner mapped; ** = Loners Not mapped; R = Reservation Wolf^bO = Observation report; R = Radiotelemetry; T = Track Survey

Table 4. *Wolves dying in Wisconsin from 1 July 2007 to 30 June 2008.*

| Wolf # & Sex | Age^a | Date Captured | Date Found Dead | County Died | Current Information on Cause of Death^b |
|-----------------------------|------------------------|--------------------------|----------------------------|--------------------|--|
| ZONE 1 | | | | | |
| ---M | A | | 07/01/2007 | Douglas | Legal Control Action - WS |
| ---M | P | | 07/02/2007 | Washburn | Vehicle Collision |
| ---? | P | | 07/02/2007 | Douglas | Vehicle Collision |
| ---M | A | | 07/05/2007 | Douglas | Legal Control Action - WS |
| W565M | A | 05/06/2006 | 07/09/2007 | Douglas | Unknown |
| M3616M | A | 07/11/2003 | 07/09/2007 | Douglas | Unknown |
| ---M | A | | 07/15/2007 | Washburn | Vehicle Collision |
| ---F | Y | | 07/16/2007 | Bayfield | Vehicle Collision? |
| ---F | Y | | 07/19/2007 | Douglas | Legal Control Action - WS |
| ---M | A | | 07/27/2007 | Douglas | Legal Control Action - WS |
| ---F | A | | 08/11/2007 | Douglas | Legal Control Action - WS |
| ---M (H) | Y | | 08/13/2007 | Lincoln | Vehicle Collision |
| ---M | Y | | 08/17/2007 | Douglas | Legal Control Action - WS |
| ---M | A | | 08/18/2007 | Sawyer | Vehicle Collision |
| ---M | Y | | 09/01/2007 | Douglas | Legal Control Action - WS |
| ---M | P | | 09/02/2007 | Price | Vehicle Collision? |
| ---F | P | | 09/04/2007 | Price | Legal Control Action - WS |
| ---M | Y | | 09/05/2007 | Douglas | Legal Control Action - WS |
| ---F | Y | | 09/07/2007 | Douglas | Legal Control Action - WS |
| ---M | A | | 09/09/2007 | Langlade | Legal Control Action - Landowner |
| W556M | A | 05/26/2005 | 09/10/2007 | Douglas | Legal Control Action - WS |
| ---M | A | | 09/10/2007 | Douglas | Legal Control Action - WS |
| ---? | P | | 09/12/2007 | Iron | Vehicle Collision |
| W618M | Y | 02/26/2007 | 09/14/2007 | Price | Vehicle Collision |
| ---M | P | | 09/17/2007 | Douglas | Legal Control Action - WS |
| ---M | P | | 09/17/2007 | Douglas | Legal Control Action - WS |
| ---? | ? | | 09/20/2007 | Polk | Vehicle Collision? or Illegally Shot? |
| ---F | P | | 09/22/2007 | Douglas | Legal Control Action - WS |
| ---F | P | | 10/01/2007 | Douglas | Vehicle Collision |
| W608M | A | 06/03/2006 | 10/02/2007 | Price | Legal Control Action - WS |
| ---F | A | | 10/02/2007 | Ashland | Legal Control Action - WS |
| ---F | P | | 10/02/2007 | Bayfield | Illegally Shot |
| W636F (H) | A | 09/08/2007 | 10/03/2007 | Price | Legal Control Action - WS |
| ---M (H?) | A | | 10/03/2007 | Price | Legal Control Action - WS |
| ---? | P | | 10/09/2007 | Washburn | Vehicle Collision |
| ---M | A | | 10/20/2007 | Iron | Vehicle Collision, euthanized |
| ---F | P | | 10/20/2007 | Iron | Vehicle Collision, euthanized |
| ---M | A | | 10/30/2007 | Douglas | Legal Control Action - WS |
| ---M | Y | | 10/30/2007 | Iron | Euthanized - Injured in coyote trap |
| ---F | Y | | 11/02/2007 | Douglas | Legal Control Action - WS |
| ---? | ? | | 11/11/2007 | Bayfield | Illegally Shot? |
| W638F | P | 11/01/2007 | 11/15/2007 | Bayfield | Trap related |
| W501B M | A | 10/13/2004 | 11/20/2007 | Bayfield | Disease - Starvation |

Table 4. Continued

| Wolf # & Sex | Age ^a | Date Captured | Date Found Dead | County Died | Current Information on Cause of Death ^b |
|---|------------------|---------------|-----------------|-------------|--|
| W461F (H) | A | 11/20/2002 | 11/20/2007 | Oneida | Illegally Shot |
| W624F | A | 06/01/2007 | 12/10/2007 | Douglas | Disease - Mange |
| ----M | A | | 12/30/2007 | Douglas | Inter-specific Strife? |
| W604F | A | 05/24/2006 | 01/09/2008 | Douglas | Disease - Mange |
| W446F | A | 06/13/2002 | 01/10/2008 | Washburn | Inter-specific Strife |
| ----M | A | | 01/25/2008 | Bayfield | Trap injuries, Starvation |
| W477F | A | 06/24/2004 | 01/28/2008 | Sawyer | Disease - Mange? |
| ----F | ? | | 01/29/2008 | Douglas | Vehicle collision? |
| W629F | P | 10/27/2007 | 02/12/2008 | Bayfield | Trap Injuries, Starvation, Mange |
| ----M | ? | | 02/16/2008 | Oneida | Illegally Shot |
| ----F | Y | | 04/16/2008 | Douglas | Legal Control Action - WS |
| ----F | A | | 04/16/2008 | Douglas | Legal Control Action - WS |
| W510F | A | 03/18/2006 | 04/17/2008 | Bayfield | Legal Control Action - WS |
| ----M | A | | 04/21/2008 | Bayfield | Legal Control Action - WS |
| ----F | A | | 04/22/2008 | Burnett | Legal Control Action - WS |
| ----F | ? | | 04/27/2008 | Washburn | Unknown |
| ----F | Y | | 04/28/2008 | Douglas | Legal Control Action - WS |
| ----M | A | | 05/04/2008 | Burnett | Legal Control Action - WS |
| W606M | A | 05/02/2007 | 05/06/2008 | Sawyer | Illegally Shot |
| ----F | Y | | 05/14/2008 | Lincoln | Unknown |
| ----M | A? | | 05/15/2008 | Sawyer | Vehicle collision |
| ----? | A | | 05/16/2008 | Washburn | Unknown/ poss. Mange |
| ----M | ? | | 05/21/2008 | Oneida | Vehicle collision? |
| ----M | A | | 05/22/2008 | Douglas | Legal Control Action - WS |
| ----M | A | | 05/29/2008 | Oneida | Legal Control Action - WS |
| W495M | A | 06/27/2004 | 06/17/2008 | Lincoln | Unknown |
| 66 wolf & 3 hybrid mortalities in Zone 1; 15 collared wolves & 2 collared hybrids | | | | | |
| ZONE 2 | | | | | |
| ----M | P | | 08/29/2007 | Jackson | Vehicle Collision |
| ----F | Y | | 10/21/2007 | Wood | Unknown |
| ----M | A? | | 11/02/2007 | Adams | Illegally Trapped and shot |
| ----M | A | | 11/20/2007 | Clark | Vehicle Collision |
| ----M | ? | | 03/27/2008 | Jackson | Vehicle collision? |
| ----F | ? | | 04/17/2008 | Wood | Legal Control Action - Landowner |
| 6 wolf mortalities in Zone 2, no collared wolves | | | | | |
| ZONE 3 | | | | | |
| W454F | A | 07/19/2002 | 07/02/2007 | Shawano | Legal Control Action - Landowner |
| ----F | A | | 08/17/2007 | Shawano | Vehicle Collision |
| ----M | A | | 09/02/2007 | Barron | Legal Control Action - WS |
| ----F | A | | 10/14/2007 | Trempealeau | Illegally Shot |
| ----M | P | | 10/17/2007 | Burnett | Legal Control Action - WS |
| ----M | P | | 11/01/2007 | Burnett | Legal Control Action - WS |
| ----M | ? | | 02/16/2008 | Jackson | Vehicle collision? |
| ----M | Y | | 04/10/2008 | Portage | Illegally Shot |

Table 4. Continued

| Wolf # & Sex | Age^a | Date Captured | Date Found Dead | County Died | Current Information on Cause of Death^b |
|--|------------------------|----------------------|------------------------|--------------------|--|
| M4927M* | A | 11/11/2006 | 05/01/2008 | Crawford | Illegally Shot |
| ----F | A | | 05/21/2008 | Rusk | Legal Control Action - WS |
| ----M | A | | 05/21/2008 | Rusk | Legal Control Action - WS |
| ----M | A | | 05/21/2008 | Rusk | Legal Control Action - WS |
| 12 wolf mortalities in Zone 3, 2 collared wolves (1 not actively being monitored at time of death) | | | | | |
| ZONE 4 | | | | | |
| ----F | A | | 10/01/2007 | Dane | Illegally Shot |
| ----F | A? | | 10/19/2007 | Dodge | Vehicle Collision? |
| ----M | A | | 10/20/2007 | Iowa | Illegally Shot |
| ----M | A? | | 11/10/2007 | Sauk | Illegally Shot |
| ----M | A | | 12/29/2007 | Winnebago | Illegally Shot |
| ----M | P? | | 03/14/2008 | Dane | Vehicle collision |
| ----M | ? | | 04/07/2008 | Columbia | Vehicle collision? |
| ----? | A? | | 05/07/2008 | Grant | Unknown |
| 8 wolf mortalities in Zone 4, no collared wolves | | | | | |
| TOTAL: 92 wolf & 3 hybrid mortalities in Wisconsin, 16 wolves & 2 hybrids actively being monitored at time of death | | | | | |

^a Age at time of death^b Complete necropsy results are pending

(H) Possible Hybrid

* Not actively being monitored at time of death

Table 5. *Mortality summary of radio-collared wolves in Wisconsin from October 1979 – June 2008.*

| | Cause of Death | Number | % Known Mortality |
|-----------------------|-------------------------------|---------------|--------------------------|
| Human Causes | Capture Related | 8 | 6% |
| | Shot Wound | 37 | 28% |
| | Trapped | 2 | 2% |
| | Poisoned | 2 | 2% |
| | Vehicle Collision | 12 | 9% |
| | Euthanized (depredation) | 7 | 5% |
| | Euthanized (safety) | 2 | 2% |
| | Legal control by landowner | 1 | 1% |
| | <u>Unknown Human Causes</u> | <u>0</u> | <u>0%</u> |
| | <i>Total Human Causes</i> | <i>71</i> | <i>55%</i> |
| Natural Causes | Accident | 2 | 2% |
| | Birthing Complications | 1 | 1% |
| | Disease | 36 | 28% |
| | Killed by Other Wolves | 14 | 11% |
| | Malnutrition/Starvation | 3 | 2% |
| | <u>Unknown Natural Causes</u> | <u>3</u> | <u>2%</u> |
| | <i>Total Natural Causes</i> | <i>59</i> | <i>45%</i> |
| Totals | <i>Known Mortality</i> | <i>130</i> | <i>100%</i> |
| | <u>Unknown Mortality</u> | <u>17</u> | |
| | Total Mortality | 147 | |

Some final necropsy results pending - do not cite for publication

Table 6. Probable and possible wolf observations reported by natural resource agency personnel and private citizens in Wisconsin in July 2007 – June 2008.

| County | Sightings | Wolves Seen | Track or Sign Observations | Total Observations |
|---------------|------------------|--------------------|-----------------------------------|---------------------------|
| Adams* | 1 | 1 | 1 | 2 |
| Ashland* | 11 | 46 | 8 | 19 |
| Bayfield* | 14 | 22 | 2 | 16 |
| Brown | 1 | 1 | 0 | 1 |
| Burnett* | 7 | 27-30 | 1 | 8 |
| Calumet | 0 | 0 | 1 | 1 |
| Chippewa | 0 | 0 | 1 | 1 |
| Clark* | 1 | 11 | 0 | 1 |
| Columbia | 6 | 6 | 0 | 6 |
| Dane | 4 | 4 | 0 | 4 |
| Door | 1 | 2 | 0 | 1 |
| Douglas* | 7 | 16 | 7 | 14 |
| Dunn | 3 | 8 | 0 | 3 |
| Florence* | 3 | 6 | 2 | 5 |
| Fond du Lac | 0 | 0 | 1 | 1 |
| Forest* | 7 | 26-27 | 7 | 14 |
| Grant | 1 | 1 | 0 | 1 |
| Iowa | 3 | 3 | 1 | 4 |
| Iron* | 19 | 51 | 6 | 25 |
| Jackson* | 7 | 15 | 4 | 11 |
| Jefferson | 2 | 2 | 0 | 2 |
| Juneau* | 8 | 22 | 5 | 13 |
| La Crosse | 1 | 1 | 0 | 1 |
| Lafayette | 2 | 2 | 0 | 2 |
| Langlade* | 2 | 4-5 | 1 | 3 |
| Lincoln* | 10 | 18 | 4 | 14 |
| Marathon* | 1 | 5 | 3 | 4 |
| Marinette* | 15 | 31 | 5 | 20 |
| Marquette | 4 | 4-10 | 1 | 5 |
| Menominee* | 1 | 1 | 0 | 1 |
| Monroe* | 5 | 11 | 5 | 10 |
| Oconto* | 2 | 2 | 0 | 2 |
| Oneida* | 7 | 13-15 | 3 | 10 |
| Outagamie | 3 | 3 | 0 | 3 |
| Polk* | 0 | 0 | 3 | 3 |
| Portage* | 1 | 1 | 0 | 1 |
| Price* | 5 | 29 | 3 | 8 |
| Rusk* | 2 | 2 | 0 | 2 |
| St. Croix | 2 | 2 | 0 | 2 |
| Sauk | 1 | 1 | 0 | 1 |
| Sawyer* | 10 | 25-26 | 11 | 21 |
| Shawano* | 8 | 17 | 0 | 8 |
| Vernon | 0 | 0 | 1 | 1 |
| Vilas* | 11 | 19-20 | 7 | 18 |
| Washburn* | 5 | 19 | 5 | 10 |
| Waukesha | 3 | 3 | 0 | 3 |
| Waupaca | 3 | 4 | 0 | 3 |
| Waushara | 1 | 1 | 0 | 1 |
| Winnebago | 2 | 2 | 1 | 3 |

Table 6. Continued

| County | Sightings | Wolves Seen | Track or Sign Observations | Total Observations |
|---------------|------------------|------------------------|---------------------------------------|-------------------------------|
| Wood* | 8 | 21 | 6 | 14 |
| Totals | 221 | 511-526 | 106 | 327 |

* Counties with known breeding packs during winter of this study period. No observations were reported from Barron, Eau Claire, and Taylor counties where breeding packs are known to exist.

Table 7a. *Wolf depredation cases on livestock in Wisconsin, July 1 2007 through June 30 2008. (Chronic depredation farms are highlighted).*

| Date | Animal Lost | Pack Involved | County | Payments | Control Actions |
|--|----------------------------------|----------------------|---------------|-----------------|--|
| Zone 1 - Depredations on Livestock (chronic farms shaded) | | | | | |
| 07/05/07 | 2 calves injured | Echo Valley | Bayfield | NR | Trapping attempted* |
| 07/15/07 | 1 calf | Moquah | Bayfield | \$800.00 | Trapping attempted* |
| 07/23 – 10/20/07 | 3 calves killed, 1 missing | Poplar River | Douglas | \$3,000.00 | Non-lethals 3 wolves euthanized* |
| 07/27/07 | 1 calf killed, 1 inj., 3 missing | Poplar River | Douglas | \$3,200.00 | 2 wolves euthanized* |
| 08/03/07 | 1 horse | Morrison Creek? | Iron | \$3,000.00 | Trapping attempted* |
| 08/17/07 | 1 horse inj. | Casey Creek | Douglas | \$3,500.00 | Trapping attempted* |
| 08/20/07 | 1 horse inj., 1 calf inj. | Big Rib | Taylor | No claim | none |
| 08/28/07 | 1 calf | South Range | Douglas | \$1,500.00 | 3 wolves euthanized |
| 09/02/07 | 1 calf inj, 7 missing | Poplar River | Douglas | \$9,450.00 | 2 wolves euthanized * |
| 09/05/07 | 1 calf | Skinner Creek | Price | \$1,000.00 | 3 wolves & 1 hybrid euthanized |
| 09/09/07 | 1 calf | Clearwater Creek? | Langlade | \$125.00 | 1 wolf shot by landowner Trapping attempted |
| 09/14/07 | 1 calf | Blue Hills North | Rusk | Pending | Trapping attempted |
| 09/15/07 | 1 calf inj. | Amnicon River | Douglas | No claim | Non-lethals refused 3 wolves euthanized * |
| 09/17/07 | 2 sheep | Oriente Falls | Bayfield | \$250.00 | none |
| 09/28/07 | 1 calf | White River | Ashland | \$550.00 | 1 wolf euthanized |
| 11/22/07 | 1 cow, 1 calf | Amnicon River | Douglas | \$2,500.00 | Trapping attempted |
| 03/11/08 | 1 deer | Moquah | Bayfield | \$3,500.00 | none |
| 03/24/08 | 1 calf | Mason | Bayfield | \$800.00 | 2 wolves euthanized * |
| 04/08/08 | 1 calf | Loner? | Langlade | \$836.00 | Trapping attempted* |

Table 7a. Continued

| Date | Animal Lost | Pack Involved | County | Payments | Control Actions |
|----------------------------|--|---------------------------|--------------------|--------------------|---|
| 04/14/08 | 1 calf | South Range? | Douglas | \$500.00 | 3 wolves euthanized * |
| 04/20/08 | 1 calf | Riverside? | Burnett | \$700.00 | 2 wolves euthanized * |
| 05/15 – 05/21/08 | 3 calves killed, 1 injured | South Range | Douglas | \$2,250.00 | 1 wolf euthanized * |
| 05/18/08 | 1 calf killed, 1 cow injured | Beaver Dam Lake? | Ashland | \$1,800.00 | Trapping attempted |
| 05/22/08 | 1 calf (same farm as 7/5/07) | Echo Valley | Bayfield | \$800.00 | Trapping attempted |
| 05/25/08 | 1 calf | Crescent Flats | Oneida | \$650.00 | 1 wolf euthanized * |
| 05/26/08 | 1 calf | Tranus Lake | Washburn | \$650.00 | Trapping attempted* |
| 06/04/08 | 2 calves | Moose Road | Douglas | NR | Trapping attempted* |
| | | | | | Trapping attempted at 24 farms |
| ZONE 1 TOTALS | Calves 24 killed 7 injured 11 missing | | | | 26 wolves & 1 hybrid euthanized 1 wolf shot by landowner Shooting permits issued at 16 farms |
| 27 Cases | Cows 1 killed 1 injured | 19 packs + 1 loner | 11 counties | \$41,361.00 | |
| 8 chronic farms | Horses 1 killed 2 injured | | | | |
| 18 first time farms | Sheep 2 killed | | | | |
| | Deer 1 killed (farm) | | | | Non-lethals used at 1 farm, refused at 1 farm |
| Zone 3 | Depredations on Livestock | (chronic farms shaded) | | | |
| 07/02/07 | 1 calf | Embarrass River | Shawano | \$800.00 | 1 wolf shot by landowner* |
| 07/19 – 08/24/07 | 2 calves killed, 2 missing | Blue Hills South | Barron | \$4,810.00 | 1 wolf euthanized* |
| 10/13/07 | 2 calves | Sand Creek | Burnett | \$1,500.00 | 2 wolves euthanized * |
| 05/08 – 05/21/08 | 1 calf killed, 2 missing (same farm as 7/19/07) | Blue Hills South | Barron | \$4,475.00 | Trapping attempted* |
| 05/10/08 | 1 calf | Loner? | Taylor | \$800.00 | Trapping attempted |
| 05/13/08 | 1 calf | Spence Lake | Rusk | \$800.00 | 3 wolves euthanized * |

Table 7a. Continued

| Date | Animal Lost | Pack Involved | County | Payments | Control Actions |
|-----------------------------------|---|--|--------------------|--------------------|--|
| 05/23/08 | 1 calf | Unknown | Trempealeau | \$600.00 | * |
| 05/24/08 | 1 calf | Unknown | Trempealeau | \$500.00 | * |
| 06/13/08 | 1 calf | Chequamegon Waters | Taylor | \$800.00 | Trapping attempted |
| ZONE 3 TOTALS | | | | | Trapping attempted at 6 farms |
| 9 Cases | | | | | 6 wolves euthanized |
| 3 chronic farms | Calves 11 killed 4 missing | 5 packs 1 loner 1 unknown | 7 counties | \$15,085.00 | 1 wolf shot by landowner |
| 5 first time farms | | | | | 7 shooting permits issued at farms |
| | | | | | Trapping attempted at 30 farms |
| STATEWIDE LIVESTOCK TOTALS | | | | | 32 wolves & 1 hybrid euthanized |
| 36 Cases | Cows 1 killed 1 injured | 24 packs 2 loners 1 unknown | 18 counties | \$56,446.00 | 2 wolves shot by landowner |
| 34 Farms | Horses 1 killed 2 injured | | | | 23 shooting permits issued at farms |
| | Sheep 2 killed | | | | |
| | Deer 1 killed (farm) | | | | Non-lethals used at 1 farm, refused at 1 farm |
| <hr/> | | | | | |
| Zone 1 | Verified Harassment or Threat to Livestock | | | | |
| 07/29/07 | Threat to cattle | Oriente Falls | Bayfield | ---- | none |
| 08/02/07 | Threat to cattle | Eddy Creek | Sawyer | ---- | none |
| 08/31/07 | Threat to cattle | Seeley Hills | Bayfield | ---- | none |
| 09/11/07 | Threat to horse | Michigan pack | Iron | ---- | Non-lethals |
| 02/14/08 | Threat to cattle | Skinner Creek | Price | ---- | * |
| 05/08/08 | Cattle harassment | Moreland Lake | Douglas | ---- | * |
| 05/16/08 | Threat to sheep | Green Creek | Taylor | ---- | Non-lethals |
| 05/22/08 | Horse harassment | Morrison Creek | Iron | ---- | none |
| <hr/> | | | | | |
| Zone 3 | Verified Harassment or Threat to Livestock | | | | |
| 01/07/08 | Threat to horse | Loner? | Washburn | ---- | none |

Table 7a. Continued

| Date | Animal Lost | Pack Involved | County | Payments | Control Actions |
|---------------|----------------------------|----------------------|---------------|-----------------|---|
| | 4 threat to cattle | | | | |
| | 1 cattle harassment | | | | Non-lethals attempted at 2 farms |
| TOTALS | 2 threat to horse | | | | 2 shooting permits issued |
| | 1 horse harassment | | | | |
| | 1 threat to sheep | | | | |

* Shooting permit issued to landowner

Table 7b. *Non-livestock wolf depredation cases in Wisconsin, July 1 2007 through June 30 2008.*

| Date | Animal Lost | Pack Involved | County | Payments | Control Actions |
|---|---|----------------------------|-------------------|-------------------|---|
| Zone 1 - Depredations on Pets - At homes | | | | | |
| 08/04/07 | 1 dog killed, 1 inj. (German Wirehair) | Amnicon River? | Douglas | \$3,077.63 | none |
| 08/17/07 | 1 dog inj. (Lab) | Cedar Lake | Iron | \$197.20 | none |
| 03/07/08 | 1 dog inj. (Lab) | Amnicon River | Douglas | NR | * |
| 03/31/08 | 1 dog (Springer spaniel) | Morgan Lake | Forest | \$1,000.00 | None |
| 04/10/08 | 1 dog inj. (Lab) | Loner? | Langlade | \$798.92 | None |
| 04/16/08 | 1 dog inj. (Springer spaniel) | Springbrook | Sawyer | \$529.60 | None |
| 06/30/08 | 1 dog inj. (Beagle type) | Webb Creek | Burnett | \$400.00 | Trapping to radiocollar attempted |
| TOTALS | 2 dogs killed 6 dogs injured | 5 packs 1 loner | 6 counties | \$6,003.35 | Trapping attempted at 1 location 1 shooting permit issued |
| Zone 1 - Verified Threat to Pets or Safety Concern | | | | | |
| 05/16/08 | Health & safety concern | Moquah | Bayfield | ---- | Trapping attempted* |
| 06/19/08 | Health & safety concern | Loner? | Iron | ---- | None |
| Zone 3 - Verified Threat to Pets or Safety Concern | | | | | |
| 08/30/07 | Health & safety concern | Big Rib | Marathon | ---- | * |
| TOTALS | 3 Health & safety concern | | | | Trapping attempted at 1 location 2 shooting permits issued |

| | | | | | |
|---|--|------------------|----------|------------|------|
| Zone 1 - Depredations on Dogs - Hunting & training | | | | | |
| 07/11/07 | 1 dog (Plott, trng.) | Haystack Corner? | Rusk | Pending | none |
| 07/26/07 | 1 dog (Plott, trng.) | Tupper Creek | Sawyer | \$2,500.00 | none |
| 08/17/07 | 1 dog inj. (Walker, trng.) | Wolf Lake | Washburn | \$274.75 | none |
| 08/18/07 | 2 dogs (Walker, trng.) | Hoffman Lake | Price | \$4,000.00 | none |
| 08/26/07 | 2 dogs inj. (Plott, trng.) | Morrison Creek | Iron | No claim | none |
| 08/31/07 | 1 dog killed, 1 inj. (Plott/Walker trng.) | Big Rib | Lincoln | \$2,500.00 | none |
| 09/14/07 | 1 dog (Walker, hntg.) | Skinner Creek | Price | \$2,500.00 | none |

Table 7b. Continued

| Date | Animal Lost | Pack Involved | County | Payments | Control Actions |
|---|--|----------------------|-------------------|--------------------|------------------------|
| 09/22/07 | 1 dog (Black & Tan, hntg) | Haystack Corner | Sawyer | \$2,500.00 | none |
| 09/30/07 | 1 dog (Plott, hntg) | Hoffman Lake | Price | \$2,500.00 | none |
| 12/20/07 | 2 dogs (Mtn. Curr, hntg.) | Lake Nebagamon | Douglas | \$5,000.00 | none |
| Zone 3 - Depredations on Dogs - Hunting & training | | | | | |
| 07/07/07 | 1 dog inj (Trig Walker, trng) | Big Rib | Lincoln | \$634.20 | none |
| TOTALS | 10 dogs killed 5 dogs injured | 8 packs | 7 counties | \$22,408.95 | |

NR = No claim received as of date of report preparation

Table 8. *Suspected wolf-dog hybrid incidents and problems in Wisconsin, 1 July 2007 – 30 June 2008.*

| Date | County | No. of wolf-dogs Age/Sex | Problem | Outcome |
|-------------|---------------|-------------------------------------|--|-----------------------------------|
| 9 July 07 | Ashland | 1 A/? | Killed chickens | Unknown |
| 13 Aug 07 | Lincoln | 1 Y/M | Hit by vehicle | Mortality |
| 17 Aug 07 | Columbia | 1 A/? | Challenged dogs | Unknown |
| 19 Sep 07 | Barron | 1 A/? | Escaped from owner | Unknown |
| 30 Sep 07 | Outagamie | 1 A/? | Roaming loose | Unknown |
| 03 Oct 07 | Price | 1 A/F | Caught on farm during depredation trapping | Euthanized |
| 03 Oct 07 | Price | 1 A/M possible hybrid | Caught on farm during depredation trapping | Euthanized |
| 21? Oct 07 | Door | 1 A?/? | Roaming loose | Unknown |
| 20 Nov 07 | Iowa | 1?/? | Roaming loose, fearless | Unknown |
| 20 Nov 07 | Oneida | 1 A/F | Shot | Mortality |
| 01 Jan 08 | Marathon | 1 A/? | Roaming loose in yards | Unknown |
| 08 Jan 08 | Wood | 1 A/M | Brought to Humane Society shelter | Sent to rescue facility in Canada |
| 06 Apr 08 | Winnebago | 1 A/? | Chased bicyclist | Unknown |
| 17 Apr 08 | Winnebago | 1 A/? | Roaming loose | Unknown |
| 26 April 08 | Sheboygan | 1 ?/? | Injured , running through residential area | Died? |
| 08 May 08 | Waukesha | 2 ?/? | Roaming loose in residential area | Unknown |
| 14 June 08 | Dane | 1 A/? | Roaming loose in residential area | Unknown |
| 23 June 08 | Oconto | 1 A/? | Roaming loose in rural area | Unknown |