**Appendix S2. Bird fatality monitoring studies at wind energy facilities with estimates of fatality rates for small birds, confidence intervals (CI) and estimator used, if known, for avifaunal biomes in the United States and Canada.** Blank spaces indicate that data was not available.

| **Project Name** | **Small Bird Fatality Estimate (MW/year)** | **CI (MW/year)** | **Estimator Used** | **References** |
| --- | --- | --- | --- | --- |
| **Eastern Biome** | | | | |
| Criterion (2011) | 6.1 | (4.20-9.11) | Shoenfeld | [1] |
| Mount Storm (2009) | 3.1 | (1.94-4.49) | Shoenfeld | [2, 3] |
| Mount Storm (2010) | 2.19 | (1.69-3.05) | Shoenfeld | [4, 5] |
| Mount Storm (2011) | 3.93 | (2.79-6.12) | Shoenfeld | [6, 7] |
| Noble Bliss (2008) | 1.09 |  | Jain | [8] |
| Noble Bliss (2009) | 1.82 |  | Jain | [9] |
| Noble Wethersfield (2010) | 1.51 |  | Jain | [10] |
| **Intermountain West Biome** | | | | |
| Biglow Canyon (Phase I; 2008) | 1.54 | (0.90-2.46) | Shoenfeld | [11] |
| Biglow Canyon (Phase I; 2009) | 2.33 | (1.72-3.16) | Shoenfeld | [12] |
| Biglow Canyon (Phase II; 2009/2010) | 5.16 | (3.07-8.98) | Shoenfeld | [13] |
| Biglow Canyon (Phase II; 2010/2011) | 2.48 | (1.57-5.67) | Shoenfeld | [14] |
| Biglow Canyon (Phase III; 2010/2011) | 2.17 | (1.38-4.60) | Shoenfeld | [15] |
| Combine Hills (2004/2005) | 1.89 | (1.10-2.89) | Shoenfeld | [16] |
| Combine Hills (2011) | 1.96 | (1.26-3.41) | Shoenfeld | [17] |
| Dry Lake I | 2.13 | (1.22-3.45) | Shoenfeld | [18] |
| Dry Lake II | 1.30 | (0.53-2.96) | Shoenfeld | [19] |
| Elkhorn (2008) | 0.45 | (0.29-0.70) | Shoenfeld | [20] |
| Elkhorn (2010) | 1.76 | (0.96-2.99) | Shoenfeld | [21] |
| Foote Creek Rim (Phase I; 1999) | 3.00 | (1.37-4.62) | Shoenfeld | [22] |
| Foote Creek Rim (Phase I; 2000) | 2.15 | (0.72-3.57) | Shoenfeld | [22] |
| Foote Creek Rim (Phase I; 2001-2002) | 1.71 | (0.24-3.19) | Shoenfeld | [22] |
| Goodnoe | 1.02 |  | Shoenfeld | [23] |
| Hay Canyon | 1.92 | (0.68-4.19) | Huso | [24] |
| Hopkins Ridge (2006) | 0.8 | (0.52-1.19) | Shoenfeld | [25] |
| Hopkins Ridge (2008) | 2.43 | (1.41-4.67) | Shoenfeld | [26] |
| Kittitas Valley (2011-2012) | 0.72 | (0.48-1.02) | Huso | [27] |
| Klondike | 0.77 | (0.27-1.40) | Shoenfeld | [28] |
| Klondike II | 2.90 | (1.86-4.45) | Shoenfeld | [29] |
| Klondike III (Phase I) | 2.60 | (1.97-3.77) | Shoenfeld | [30] |
| Klondike IIIa (Phase II) | 1.92 | (0.55-4.34) | Huso | [31] |
| Linden Ranch | 4.83 | (2.86-9.79) | Shoenfeld | [32] |
| Marengo I (2009) | 0.23 |  | Shoenfeld | [33] |
| Marengo II (2009) | 0.16 |  | Shoenfeld | [34] |
| Nine Canyon | 2.55 | (1.34-4.23) | Shoenfeld | [35] |
| Stateline (2002) | 2.85 | (2.16-3.43) | Shoenfeld | [36] |
| Stateline (2003) | 2.29 | (1.57-2.87) | Shoenfeld | [36] |
| Stateline (2006) | 0.95 | (0.46-1.50) | Shoenfeld | [37] |
| Vansycle | 0.75 | (0.72-0.80) | Naïve | [38] |
| Vantage | 1.14 |  | Shoenfeld | [39] |
| Wild Horse | 1.28 |  | Shoenfeld | [40] |
| Windy Flats (Windy Point II) | 7.59 |  | Shoenfeld | [41] |
| **Northern Forest Biome** | | | | |
| Lempster (2010) | 1.65 | (0.77-2.95) | Shoenfeld | [42] |
| Maple Ridge (2007) | 2.73 |  | Jain | [43] |
| Maple Ridge (2008) | 1.86 |  | Jain | [44] |
| Noble Altona (2010) | 1.68 |  | Jain | [45] |
| Noble Chateaugay (2010) | 1.01 |  | Jain | [46] |
| Noble Clinton (2008) | 1.39 |  | Jain | [47] |
| Noble Clinton (2009) | 0.57 |  | Jain | [48] |
| Noble Ellenburg (2008) | 0.66 |  | Jain | [49] |
| Noble Ellenburg (2009) | 2.02 |  | Jain | [50] |
| **Pacific Biome** | | | | |
| Alite (2010) | 0.24 | (0.00-0.56) | Shoenfeld | [51] |
| Diablo Winds | 3.67 |  | Shoenfeld | [52, 53] |
| Dillon a | 4.26 | (2.76-6.50) | Shoenfeld | [54] |
| Pine Tree | 3.87 |  | Shoenfeld | [55] |
| Shiloh I | 4.86 |  | Jain | [56] |
| Shiloh II (Year 1) | 0.81 |  | Jain | [57] |
| **Prairie Biome** | | | | |
| Barton Chapel | 0.62 | (0-2.11) | Shoenfeld | [58] |
| Blue Sky Green Field | 6.96 | (5.32-9.63) | Shoenfeld | [59] |
| Buffalo Gap I | 1.08 |  | Shoenfeld | [60] |
| Buffalo Gap II | 0.07 |  | Shoenfeld | [61] |
| Buffalo Ridge (Phase I; 1996) | 4.14 | (0.94-7.34) | Naïve | [62] |
| Buffalo Ridge (Phase I; 1997) | 1.40 | (0.11-3.34) | Naïve | [62] |
| Buffalo Ridge (Phase I; 1998) | 2.40 | (0.06-4.71) | Naïve | [62] |
| Buffalo Ridge (Phase I; 1999) | 1.43 | (0.13-3.43) | Naïve | [62] |
| Buffalo Ridge (Phase II; 1998) | 2.28 | (0.89-3.67) | Naïve | [62] |
| Buffalo Ridge (Phase II; 1999) | 3.04 | (0.69-5.87) | Naïve | [62] |
| Buffalo Ridge (Phase III; 1999) | 5.93 | (0.15-11.71) | Naïve | [62] |
| Buffalo Ridge I (2010) | 4.16 | (1.66-7.53) | Shoenfeld | [63] |
| Buffalo Ridge II (2011) | 1.12 |  | Shoenfeld | [64] |
| Cedar Ridge (2009) | 5.21 |  | Huso | [65] |
| Cedar Ridge (2010) | 2.21 |  | Shoenfeld | [66] |
| Elm Creek | 1.07 | (0.00-2.94) | Shoenfeld | [67] |
| Elm Creek II | 3.60 |  | Shoenfeld | [68] |
| Grand Ridge I | 0 |  | Shoenfeld | [69] |
| NPPD Ainsworth | 1.51 | (0.79-2.57) | Shoenfeld | [70] |
| Prairie Winds SD1/Crow Lake | 0.96 |  | Shoenfeld | [71] |
| Rugby | 1.03 | (0.37-2.02) | Shoenfeld | [72] |
| Wessington Springs (2009) | 7.67 |  | Shoenfeld | [73] |
| Wessington Springs (2010) | 0.27 | (0.00-0.85) | Shoenfeld | [74] |
| Winnebago | 3.16 | (0.65-7.21) | Shoenfeld | [75] |
| a The Dillon Project was the only project in the Southwestern Biome represented by an available fatality report. Due to its singularity and since it is located very close to the Pacific Biome; it was combined with the Pacific Biome data. | | | | |

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