**Supplemental Table 1**. Physical and chemical properties of Meekin Lake, Lake 239, and Gall Lake. Abbreviations: PFE: Prairie-Forest Ecotone; WA:SA = Watershed Area:Surface Area; SA: Surface Area; TP: Total Phosphorus. Data from: Kingsbury et al. (2012); Moos and Cumming (2011).

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Lake | Distance east from PFE (~km) | Elevation  (m) | WA:SA | SA (ha) | Volume (10,000m3) | Max Depth (m) | Mean Depth (m) | TP (μg/l) |
| Meekin | 100 | 357 | 2.7 | 78 | 636 | 13 | 7 | 9.7 |
| 239 | 200 | 386 | 4.3 | 56 | 591 | 31 | 10.5 | 6.1 |
| Gall | 250 | 384 | 5.3 | 19 | 120 | 18 | 8.5 | 12.3 |