Supplemental Table S2. Proportion of Landscape types within a research site1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Landscape Type** | **Count****(30m cell)** | **sq. meter** | **ha** | **Proportion (%)** |
| Summit & Wetland | 57  | 51,300  | 5.13 | 0.00  |
| Summit & Open water | 12  | 10,800  | 1.08 | 0.00  |
| Summit & Forest | 31,864  | 28,677,600  | 2,867.76 | 1.55  |
| Summit & Grassland | 1,062  | 955,800  | 95.58 | 0.05  |
| Summit & Agriculture | 5,228  | 4,705,200  | 470.52 | 0.25  |
| Summit & Barren Land | 9,988  | 8,989,200  | 898.92 | 0.49  |
| Summit & Developed | 897  | 807,300  | 80.73 | 0.04  |
| Channel & Wetland | 2,202 | 1,981,800  | 198.18 | 0.11  |
| Channel & Open water | 516 | 464,400  | 46.44 | 0.03  |
| Channel & Forest | 9,609 | 8,648,100  | 864.81 | 0.47  |
| Channel & Grassland | 2,827 | 2,544,300  | 254.43 | 0.14  |
| Channel & Agriculture | 11,866 | 10,679,400  | 1,067.94 | 0.58  |
| Channel & Barren Land | 4,302 | 3,871,800  | 387.18 | 0.21  |
| Channel & Developed | 3,454 | 3,108,600  | 310.86 | 0.17  |
| Shoulder & Wetland | 168  | 151,200  | 15.12 | 0.01  |
| Shoulder& Open water | 81  | 72,900  | 7.29 | 0.00  |
| Shoulder & **Forest** | **113,959**  | **102,563,100**  | **10,256.3** | **5.55**  |
| Shoulder & Grassland | 2,632  | 2,368,800  | 236.88 | 0.13  |
| Shoulder & Agriculture | 18,232  | 16,408,800  | 1,640.88 | 0.89  |
| Shoulder & Barren Land | 24,808  | 22,327,200  | 2,232.72 | 1.21  |
| Shoulder & Developed | 3,631  | 3,267,900  | 326.79 | 0.18  |
| Slope & Wetland | 626  | 563,400  | 56.34 | 0.03  |
| Slope & Open water | 290  | 261,000  | 26.1 | 0.01  |
| **Slope** & **Forest** | **221,965**  | **199,768,500**  | **19,976.9** | **10.81**  |
| Slope & Grassland | 6,411  | 5,769,900  | 576.99 | 0.31  |
| **Slope** & **Agriculture** | **46,298**  | **41,668,200**  | **4,166.82** | **2.26**  |
| **Slope** & **Barren Land** | **53,747**  | **48,372,300**  | **4,837.23** | **2.62**  |
| Slope & Developed | 8,222  | 7,399,800  | 739.98 | 0.40  |
| Flat land & Wetland | 4,979 | 4,481,100  | 448.11 | 0.24  |
| Flat land & Open water | 4,574 | 4,116,600  | 411.66 | 0.22  |
| **Flat land** & **Forest** | **335,277** | **301,749,300**  | **3,0174.9** | **16.33**  |
| **Flat land** & **Grassland** | **46,898** | **42,208,200**  | **4,220.82** | **2.28**  |
| **Flat land** & **Agriculture** | **646,885** | **582,196,500**  | **58,219.7** | **31.52**  |
| **Flat land** & **Barren Land** | **296,850** | **267,165,000**  | **26,716.5** | **14.46**  |
| **Flat land** & **Developed** | **132,193** | **118,973,700**  | **11,897.4** | **6.44**  |
| **Total** | **2,052,610**  | **1,847,349,000**  | **184,735** | **100.00**  |

1 Bolded landscape types represent those consisting over 2% of the whole research area