**Supplementary File S2**

**Table S2:** Summarized validation data for individual plots at White Dome and Tonaquint. Validation data from 30-m (1.19 GSD) resolution comparison flights also presented.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **White Dome 50-meter Validation** | | | | | | | |
| Plot | Marked | Confirmed | Actual | Missed | EOC | EOO | Net Error |
| 1 | 115 | 99 | 206 | 107 | 0.861 | 2.081 | 1.791 |
| 2 | 26 | 15 | 40 | 25 | 0.577 | 2.667 | 1.538 |
| 3 | 74 | 51 | 84 | 33 | 0.689 | 1.647 | 1.135 |
| 4 | 33 | 19 | 38 | 19 | 0.576 | 2.000 | 1.152 |
| 5 | 57 | 43 | 85 | 42 | 0.754 | 1.977 | 1.491 |
| 6 | 20 | 15 | 40 | 25 | 0.750 | 2.667 | 2.000 |
| 7 | 35 | 26 | 55 | 29 | 0.743 | 2.115 | 1.571 |
| 8 | 37 | 27 | 53 | 26 | 0.730 | 1.963 | 1.432 |
| 9 | 32 | 23 | 56 | 33 | 0.719 | 2.435 | 1.750 |
|  |  |  |  | **MEAN** | 0.711 | 2.172 | 1.540 |
|  |  |  |  | **STDERR** | 0.028 | 0.109 | 0.095 |
| **Totals** | 429 | 318 | 657 | 339 |  |  |  |
| **Tonaquint 50-meter Validation** | | | | | | | |
| Plot | Marked | Confirmed | Actual | Missed | EOC | EOO | Net Error |
| 1 | 19 | 11 | 33 | 22 | 0.579 | 3.000 | 1.737 |
| 2 | 19 | 16 | 22 | 6 | 0.842 | 1.375 | 1.158 |
| 3 | 18 | 12 | 31 | 19 | 0.667 | 2.583 | 1.722 |
| 4 | 18 | 13 | 27 | 14 | 0.722 | 2.077 | 1.500 |
|  |  |  |  | **MEAN** | 0.702 | 2.259 | 1.529 |
|  |  |  |  | **STDERR** | 0.055 | 0.350 | 0.135 |
| **Totals** | 74 | 52 | 113 | 61 |  |  |  |
| **Tonaquint 30-meter Validation** | | | | | | | |
| Plot | Marked | Confirmed | Actual | Missed | EOC | EOO | Net Error |
| West 1 | 78 | 72 | 113 | 41 | 0.923 | 1.569 | 1.449 |
| West 2 | 57 | 55 | 87 | 32 | 0.965 | 1.582 | 1.526 |
| West 3 | 67 | 62 | 122 | 60 | 0.925 | 1.968 | 1.821 |
| West 4 | 13 | 13 | 20 | 7 | 1.000 | 1.538 | 1.538 |
| East | 33 | 23 | 49 | 26 | 0.697 | 2.130 | 1.485 |
|  |  |  |  | **MEAN** | 0.902 | 1.758 | 1.564 |
|  |  |  |  | **STDERR** | 0.053 | 0.122 | 0.066 |
| **Totals** | 248 | 225 | 391 | 166 |  |  |  |

EOC= Error of commission (confirmed/marked); EOO= Error of omission (actual/confirmed); Net Error= EOC\*EOO; % Confirm Not Red= (confirmed green + confirmed orange)/confirmed total; Actual= confirmed + missed.