The evaluation was done on 31 flat open sample areas over the entire Spring collection AOI. The result is shown in the table below, please also refer to *USGS\_SD\_2017\_Spring\_Lidar\_Relative\_Accuracy\_Smooth\_Surface\_Repeatability.shp*

|  |  |
| --- | --- |
| **Max\_DZ (m)** | **Area (sq m)** |
| 0.033 | 85 |
| 0.04 | 60 |
| 0.06 | 51 |
| 0.05 | 70 |
| 0.04 | 52 |
| 0.04 | 55 |
| 0.028 | 109 |
| 0.046 | 69 |
| 0.04 | 71 |
| 0.05 | 86 |
| 0.04 | 61 |
| 0.04 | 55 |
| 0.04 | 60 |
| 0.06 | 61 |
| 0.032 | 55 |
| 0.027 | 70 |
| 0.038 | 60 |
| 0.04 | 74 |
| 0.03 | 60 |
| 0.023 | 89 |
| 0.034 | 164 |
| 0.041 | 100 |
| 0.036 | 85 |
| 0.034 | 103 |
| 0.035 | 139 |
| 0.038 | 89 |
| 0.04 | 197 |
| 0.04 | 106 |
| 0.036 | 123 |
| 0.037 | 53 |
| 0.03 | 184 |

Table 3: Relative Accuracy, Smooth Surface Repeatability