lasinfo for C:\Users\adastra69\Documents\LAStools\data\LAS\_14SNK5515\LAS\_14SNK5515.

reporting minimum and maximum for all LAS point record entries ...

|  |  |  |
| --- | --- | --- |
|  | Minimum | Maximum |
| X | 55500000 | 55999999 |
| Y | 441500000 | 441999999 |
| Z | 49812 | 124665 |
| Intensity | 0 | 215 |
| return\_number | 1 | 4 |
| number\_of\_returns | 1 | 4 |
| edge\_of\_flight\_line | 0 | 1 |
| scan\_direction\_flag | 0 | 1 |
| classification | 1 | 24 |
| scan\_angle\_rank | -36 | 26 |
| user\_data | 0 | 0 |
| point\_source\_ID | 2210 | 2303 |
| gps\_time | -21933211.370244 | -21892780.652377 |

average z coordinate 532.048



Statistics

Mean: 531.554

Median: 530

Standard Deviation: 32.7551

Quantiles:

1% 505

5% 512

10% 515

25% 522

50% 530

75% 539

90% 545

95% 548

99% 554

Notes:

1. Outliers above 600 feet

average intensity 99.8804



Statistics

Mean: 99.8804

Median: 109

Standard Deviation: 38.5941

Quantiles:

1% 0

5% 2

10% 31

25% 89

50% 109

75% 125

90% 137

95% 143

99% 155

Notes:

1. Outliers below 50 and above 170

classification histogram with bin size 1

bin 1 has 1869642

bin 2 has 12270711

bin 7 has 50375

bin 9 has 35566

bin 10 has 1193

bin 17 has 3692610

bin 18 has 4628870

bin 24 has 41291

Histogram of classification of points:

1869642 unclassified (1)

12270711 ground (2)

50375 noise (7)

35566 water (9)

1193 rail (10)

3692610 bridge deck (17)

4628870 Reserved for ASPRS Definition (18)

41291 Reserved for ASPRS Definition (24)