Preliminary GPS Receiver Accuracy Report  
10-17-2002  
Ken Chamberlain

All tests were made using National Standard for Spatial Data Accuracy (NSSDA) testing procedures. All accuracy figures are reported at 95%. N = number of samples.

**Garmin GPS III+ with CSI RTCM Real Time Differential Correction.**  
Clackamas (forested) site 60 position data N=54, 5 position data N=79  
Open site 60 positions data N=21

<table>
<thead>
<tr>
<th></th>
<th>Clackamas</th>
<th>Nelson</th>
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</thead>
<tbody>
<tr>
<td>5 Position</td>
<td>38.4</td>
<td>15.4</td>
</tr>
<tr>
<td>60 Position</td>
<td>8.4</td>
<td></td>
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</tbody>
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**Garmin Etrex** new observations at Clackamas Site. This test N = 71, yr 2000 test N = 24. under canopy accuracy 35.5 meters. NSSDA

**Garmin eTrex** 

Number of Samples = 71
**Magellan Meridian Platinum**: no averaging

![Bar graph showing NSSDA Error (95%) Meters for Magellan Meridian Platinum GPS Receiver with 1 Position Average. The graph indicates a 12.2 meter error for Nelson and a 26.4 meter error for Clackamas.]

No averaging.