**CSRS-PPP 2.32.0 (2020-03-31)**

**SparkFun-9Hrs-201014_151512.obs**

<table>
<thead>
<tr>
<th>Data Start</th>
<th>Data End</th>
<th>Duration of Observations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020-10-14 15:15:33.00</td>
<td>2020-10-15 05:58:56.00</td>
<td>14:43:23</td>
</tr>
</tbody>
</table>

**Processing Time**

16:27:26 UTC 2020/10/15

**Observations**

- **Phase and Code**: Double
- **Mode**: Static

**Elevation Cut-Off**

- 7.5 degrees

**Antenna Model**

- APC to ARP
- ARP to Marker

Unknown

**Frequency**

**Rejected Epochs**

- 0.00 %

**Estimation Steps**

- 1.00 sec

**(APC = antenna phase center; ARP = antenna reference point)**

**Estimated Position for SparkFun-9Hrs-201014_151512.obs**

<table>
<thead>
<tr>
<th>ITRF14 (2020.7)</th>
<th>Latitude (+n)</th>
<th>Longitude (+e)</th>
<th>Ell. Height</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>40° 5' 25.07102&quot;</td>
<td>-105° 11' 6.28439&quot;</td>
<td>1560.238 m</td>
</tr>
<tr>
<td>Sigmas(95%)</td>
<td>0.003 m</td>
<td>0.006 m</td>
<td>0.012 m</td>
</tr>
<tr>
<td>A priori*</td>
<td>40° 5' 25.09809&quot;</td>
<td>-105° 11' 6.32894&quot;</td>
<td>1563.223 m</td>
</tr>
<tr>
<td>Estimated – A priori</td>
<td>-0.835 m</td>
<td>1.055 m</td>
<td>-2.985 m</td>
</tr>
</tbody>
</table>

**Orthometric Height**

- **CGVD2013**
- **(CGG2013a)**

1576.844 m

(click for height reference information)

95% Error Ellipse (mm)

- semi-major: 8 mm
- semi-minor: 4 mm
- semi-major azimuth: -89° 0’ 0.03”

UTM (North)

- Zone 13

4437795.848 m (N)
484222.537 m (E)

Scale Factors
- 0.99960306 (point)
- 0.99935846 (combined)

*(Coordinates from a code solution used as a priori position)*
~~~ Disclaimer ~~~

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If you have any questions, please feel free to contact:
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