**Dados do Evento 4**

|  |  |
| --- | --- |
| **Observatório Pierre Auger** | |
| Latitude | 35.3 S |
| Longitude | 69.3W |

|  |  |
| --- | --- |
|  |  |
|  |  |

**Figura 1 -** Localizaçãodo Evento 4 no Pierre Auger

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Id** | **Dia** | **Mês** | **Ano** |
|  | 7969100 | 10 | 7 | 2009 |
| **Tanque** | **X (km)** | **Y (km)** | **Sinal (VEM)** | **Tempo (ms)** |
| 0 | 3,01 | 2,60 | 425,86 | 5,80 |
| 1 | 1,50 | 2,60 | 174,63 | 4,15 |
| 2 | 2,25 | 1,30 | 84,92 | 7,54 |
| 3 | 2,25 | 3,89 | 73,16 | 2,57 |
| 4 | 3,75 | 1,30 | 24,51 | 9,28 |
| 5 | 0,75 | 3,89 | 19,40 | 1,22 |
| 6 | 3,75 | 3,90 | 11,68 | 4,73 |
| 7 | 4,50 | 2,60 | 9,29 | 7,83 |
| 8 | 3,00 | 0,00 | 5,34 | 11,13 |
| 9 | 0,75 | 1,30 | 4,34 | 6,32 |
| 10 | 1,50 | 5,18 | 4,34 | 0,00 |
| 11 | 0,00 | 2,60 | 3,64 | 3,02 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Hora** | **Northing (m)** | **Easting (m)** | **Northing error (m)** | **Easting error (m)** |
| 02:25:13 | 6108584 | 449294 | 42 | 18 |
|  |  |  |  |  |
|  | **Theta (graus)** | **Phi (graus)** | **Xcm (km)** | **Ycm (km)** |
|  | 41,3 | 120 | 2,51772 | 2,58232 |