**Instructions for downloading, obtaining & recording coordinates using the ‘GPS Essentials’ App on an Android Mobile Phone or Tablet**

Shortened version:

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| 1. Download ‘GPS Essentials’ App from ‘Google Play Store’ 2. Customise the settings to; “Units” – meters (SI), “Position Datum” – World Geodetic System 1984, “Position format” – Decimal 3. Open “Satellites”, the App will display coordinates, satellites and accuracy. 4. Select “Dashboard” and add items you want to be displayed every time you are collecting coordinates. |

Extended version:

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| 1. To download this App you will need; 2. An internet connection through WIFI or using data via your mobile subscriber. 3. A ‘Play Store account’, you can proceed with steps below if you already have an account. If you do not have it, open ‘Google Play Store’ and follow instructions on registering an account or proceed with the instructions below if you already have an account to download applications. | |
| 1. In the Play Store, click on the search window and type ‘GPS Essentials’ |  |
| 1. Select the App and choose ‘INSTALL’ for it to be installed in your advice. | |
| 1. If you get a warning “Cannot download App from unknown sources”, go to settings>>allow downloads from unknown resources>>select to it to allow (on). | |
| 1. Wait for a few minutes, the App will download and install automatically. After the installation select ‘OPEN’ to have the app displayed in your tablet/phone. It will show the App menu as below. |  |
| 1. Select “Satellites” and coordinates, precision and number of satellites will be displayed as below in two lines |  |
| 1. Select the 3 lines on the left side corner to open the sliding submenu and scroll down to “Settings”. |  |
| 1. In settings, scroll down to “**Presentation**” and select;    1. **Units** and set this to ***Meters (SI)***    2. **Position Datum** and set it to ***World Geodetic System 1984***    3. **Position format** and set it to ***Decimal*** | |
| 1. Click the back arrow to get back to the main Menu and select **“Dashboard”**. Here we will add a dashboard to display our readings as follows: select the plus **‘+’** item on the right upper side of the screen to open the dashboard submenu with the items to select.    1. ***Accuracy***    2. ***Date***    3. ***Latitude***    4. ***Longitude***    5. ***Number of Satellites*** | |
| *Note on the left side the colour highlights on the left side when an item gets selected.* Then choose ‘close’ to end the submenu window | |
| 1. Your dashboard will be ready with the five items to display always when collecting coordinates. |  |
| When you arrive at the point for collecting coordinates. Open the ‘GPS Essentials’ and select dashboard to get the reading. Record the coordinates on your paper forms. | |