

How to Use **Google Maps, Latitude & Earth** on Your Mobile Device

Version 1.2

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About Google Maps and Google Latitude

Google Maps is available for your mobile phone, never carry a paper map again. Google Maps on your phone makes it easy to:

- Determine your current location with or without GPS
- Get driving and transit directions
- Get phone numbers and addresses for local businesses

Google Maps (mobile) works with the following devices:

- Windows Mobile devices with Windows Mobile 5.0 and above
- Palm devices with Palm OS 5 and above
- All Android devices
- Most Java-enabled (J2ME) mobile phones
- All color BlackBerry devices
- All 3G Symbian devices

What is Google Latitude? A location finding and displaying software for your mobile device and PC that allows you to view your friends' location and share your location with others...your choice.

- See where your friends are and what they are up to
- Quickly contact them with SMS, IM, or a phone call
- Control your location and who gets to see it

Google Latitude is available on the following mobile devices wherever Google Maps for mobile v3.0 and above is supported:

- Most Windows Mobile 5.0 and above devices
 - **Note:** Some Windows Mobile devices don't [support cell-ID location detection](#)
- Android-powered devices
- Most color BlackBerry devices
- Most Symbian S60 devices

Note:


- Certain features, including My Location (beta) and Google Latitude, may not be supported on some devices.
- Google Maps for mobile doesn't work with BREW-enabled devices, including certain Verizon phones.
- Some mobile services providers may restrict data usage by applications. We recommend contacting your mobile provider to confirm the details of your data plan.

How to Install **Google Maps** and **Latitude** on Your Mobile Device:

< *Directly From Your Mobile Device's Browser* >

Installing Google Maps and Google Latitude

Installing Google Maps and Latitude on Your Mobile Device

1. First, install Google Maps for mobile version 3.0* and above by pointing your mobile web browser to <http://m.google.com/maps> or <http://www.google.com/latitude>
 - See the [Installation troubleshooting](#) article if you are receiving the incorrect download page or an installation error on your device
2. Once you've loaded Google Maps onto your mobile device, go to **Menu / Join Latitude**
 - If you're not signed into your Google account, then you'll need to...
 - Enter **username** and **password**
 - If you don't have a Google account, you'll need to sign up
3. **Starting and Searching:** Start using Maps (...assuming that Google Maps is already installed)
 - Locate Google Maps icon on your phone, usually in Program Files...go to **Start / Program Files / ...** and look for Google Maps icon 
 - Depending upon your device, it may be located in another folder: Main, Applications, Games, My Stuff
 - Internet access through your cellular or Wi-Fi connection is required

For Android-powered devices

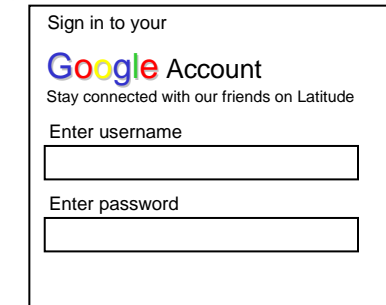
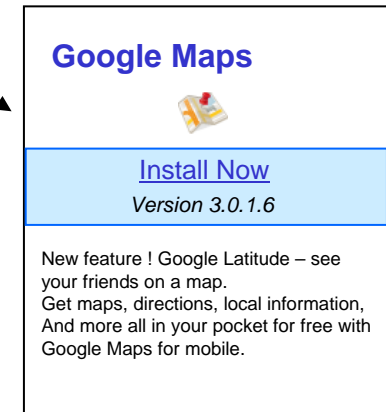
1. Check that you have the latest version of Maps version 3.1 and above. You can check which version of Maps you have by opening the Maps app and selecting Menu > More > About
2. If you don't yet have version 3.1, you can get it from Android Market by searching for "Google Maps." Download and install this version
3. Open the Maps app and select Latitude from the main menu

For Symbian S60 devices

- Before installing on an N82 or N95, we strongly encourage that you back up your device and consider upgrading to the latest device firmware version (see <http://nokia.com/softwareupdate>). A very small number of users report experiencing a device hang during the installation, and we haven't yet been able to reproduce this in the lab or determine the exact cause
- If you are on S60 3rd ed. FP2 phone (Nokia 5320 XpressMusic, 6210 Navigator, 6220 Classic, 6650, N78, N79, N85, N96, N96-3), you'll need to set a default destination using the following steps:
 1. Go to Settings > Connection > Destinations > Options > Default connection
 2. Select "Internet" (if you have it) or whichever APN group you want it to use

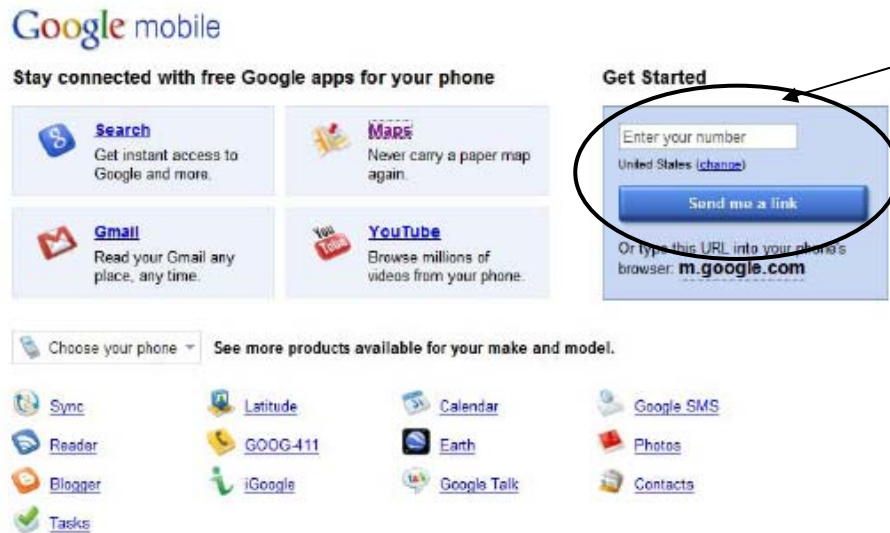
Note:

Some older devices cannot support Google Maps for mobile version 3.0 and above and will receive the most recent compatible version without the Latitude feature

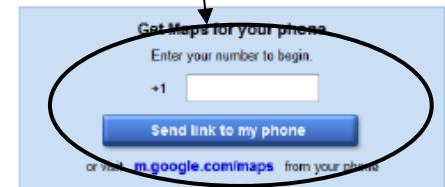
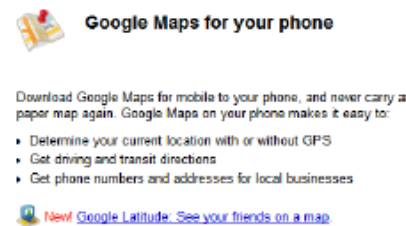


Installing Google Maps and Google Latitude

- Using your PC, you can send Google Maps to your mobile device...
- Go to <http://www.google.com/mobile/>; enter your mobile number to send the link



- If you're already at the "Google Maps" page, then enter you mobile number

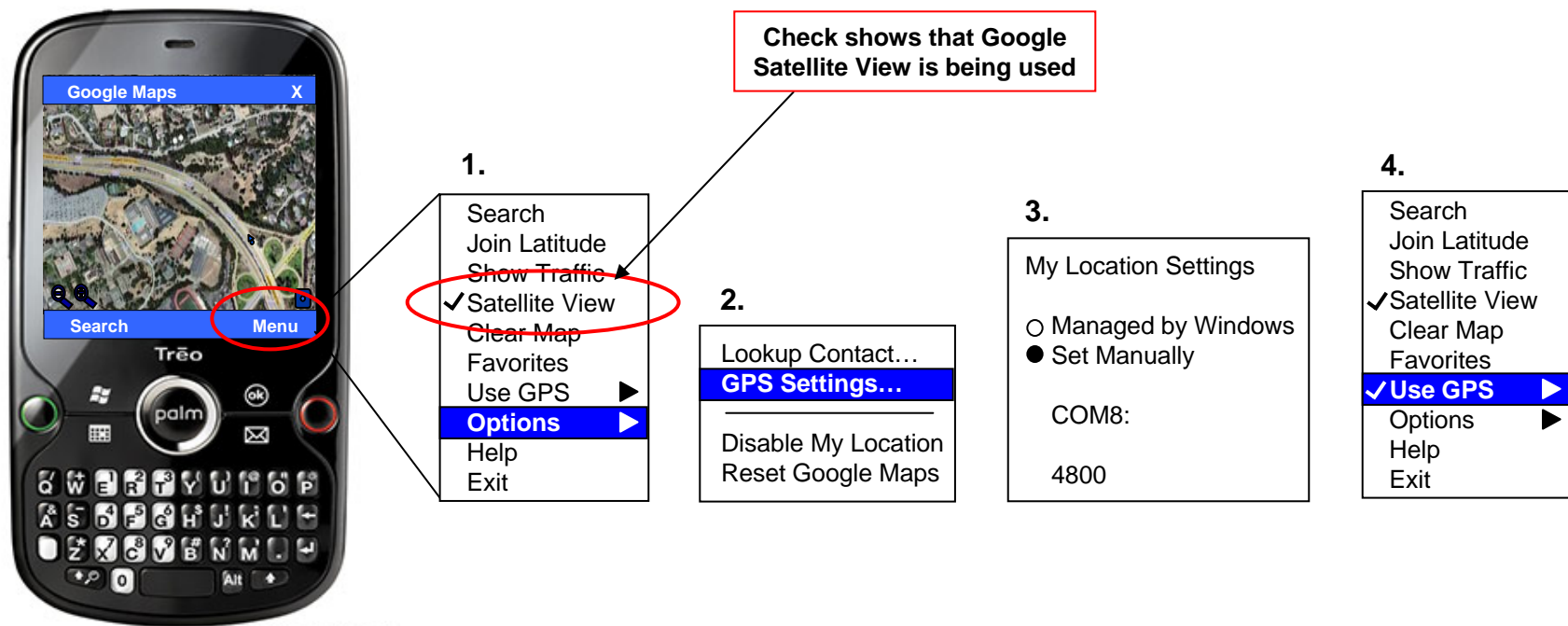


- Features**
- **My Location** ([watch video](#)). See your location on a map, even if you don't have GPS.
 - **Business listings**. Search for any business or category of interest.
 - **Driving directions**. Thanks to My Location, you don't even have to enter your starting point.
 - **Transit & walking directions** ([watch video](#)). Get routes and schedules to travel via subway, bus, or on foot.
 - **Street View** ([watch video](#)). View street-level imagery of businesses and turns in directions.
 - **Traffic**. Real-time traffic helps you find the fastest route.
 - **Enterprise**. BlackBerry administrators can deploy [Maps for BlackBerry Enterprise Server](#).

About **Mobile** Google Maps and Google Latitude

About **Mobile** Google Maps and Google Latitude

- How to enable the GPS feature in Google Maps on your **mobile device**







To enable GPS:

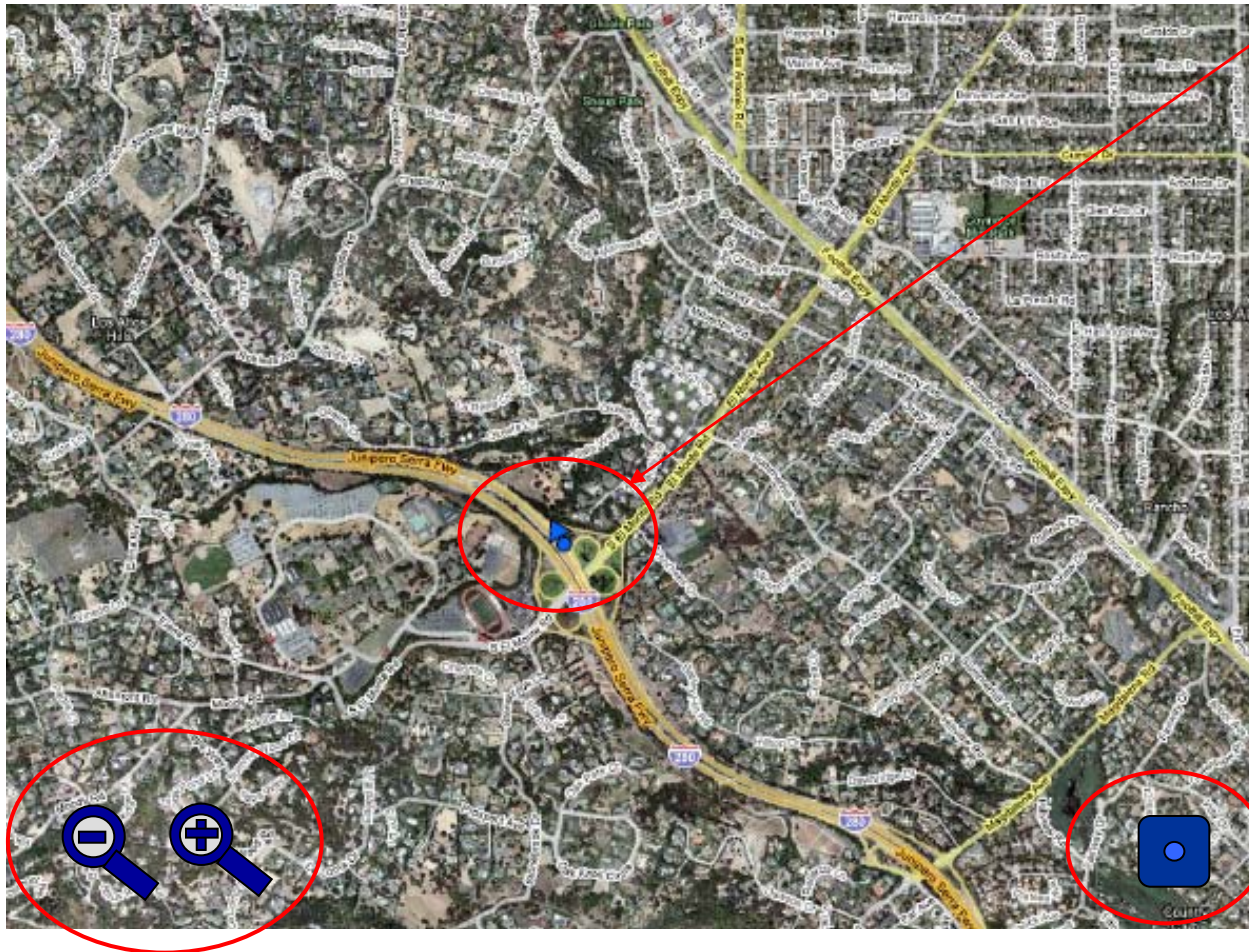
- Tap on **Menu**, then **Options**
- Select **GPS Settings...**
- To use internal GPS, select **Managed by Windows**; or
To use external GPS, select **Set Manually**
- Then select the **COM** port (COM6, **COM8**, etc) and the baud rate (**4800**, 9600, etc), tap on **OK**
- Tap on **Menu**, select **Use GPS** to enable the GPS data to connect with Google Maps

About **Mobile** Google Maps and Google Latitude

- The view of the mobile device's screen with GPS enabled

-  is zoom in, and  is zoom out. Tap  to identify/find your location.

-  represents the location and direction, or bearing, the user is traveling. It moves as the user travels along the highway



About **Mobile** Google Maps and Google Latitude

- Example view of the mobile device's screen with GPS enabled with a “**zoomed in view**” of the surrounding area the user is traveling



Detailed Use of **Mobile** Google Maps and Google Latitude

Detailed Use of **Mobile** Google Maps and Google Latitude

Overview: [Clear search history](#), [Searching](#), [Directions](#), [Satellite/Map View](#), [Traffic & Street View ...](#)

A. **Clear** the information from the map

- With Google Maps open, and from the main menu, go to [Menu / Clear map](#)
- User can clear their search history and any stored cookies

B. Starting and Searching: **Searching** for a location

- Address search:** enter a street address in the search field to locate that specific location
- Business search:** enter a search with the format "**Business Name / Type Location** " For example, "pizza san francisco", will find pizza restaurants in San Francisco
- You can find **Directions** in Google Maps for mobile in the following ways:
 - Go to [Menu / Get Directions](#)
 - Enter your **Start Point** (or address)
 - Select a [point on the map](#), enter an [address](#), or tap on a "previously used location"
 - Enter your **End Point** (or address)
 - Select a [point on the map](#), enter an [address](#), or tap on a "previously used location"
 - Tap on [Show directions](#) button
 - To go back, tap on [Back](#), or to see the trace drawing on the map, tap on [See map](#)
- You can **Search** in Google Maps for mobile in the following ways:
 - Go to [Menu / Search](#)
 - Enter a name or sentence, such as, "Italian restaurant" or previously used location
 - Select [OK ...](#) a list of restaurants will be displayed
 - Tap on [See map](#) to view the locations, and use the "+" to zoom in and "-" to zoom out
 - To clear information and start again, go to [Menu / Clear Map](#)

Search the map...

- If you don't specify a location, Google Maps will search for businesses and locations within the bounds of the section of map you're currently viewing:
 - Move the map to the area you want to search or use [My Location \(beta\)](#) (press [0] or choose it from the menu) to center the map on your current approximate location
 - Select "Search" from the menu and enter your search query. (e.g., 'pizza', '3 star hotel'). To save time, you can choose from a list of suggested or recent searches that automatically appear below the search field
 - Once you submit your search query, Google Maps will display relevant, mapped results for your query located in the area of the map you were viewing

Detailed Use of **Mobile** Google Maps and Google Latitude

Overview: [Clear search history](#), [Searching](#), [Directions](#), [Satellite/Map View](#), [Traffic](#) & [Street View](#) ...

C. Starting and Searching: Satellite/Map View

With Google Maps, you can select either a traditional illustrated map or aerial satellite imagery by selecting Map View or Satellite View from the menu. Use the 'Map' or 'Satellite' options again to toggle between the different views.

NOTE: Satellite imagery is approximately one to three years old. We strive to update our data regularly. Unfortunately, we're not able to provide detailed information about when a specific area will be updated. Also, we don't offer high resolution data by order, as this information is added as it becomes available from our data providers.

D. Traffic Feature: Traffic

Google Maps allows you to show or hide traffic information overlaid on the map. Just select the Traffic option from the main menu to toggle this feature

Depending on coverage, Google Maps will either show current traffic conditions on major highways and roads or display the message "Traffic info is not available in this area."

- **Green** depicts normal speed
- **Yellow** depicts slower traffic
- **Red** and **Black** depicts heavy or stopped traffic
- **Gray** indicates that there is no traffic information

Detailed Use of **Mobile** Google Maps and Google Latitude

Overview: [Clear search history](#), [Searching](#), [Directions](#), [Satellite/Map View](#), [Traffic](#) & [Street View](#) ...

E. Starting and Searching: [Street View](#)

Like Google Maps on your computer, you can view street-level imagery of certain locations with the Street View feature on your mobile device.

- For Street View you can view street-level imagery of certain locations with the [Street View](#) feature on your mobile device. To use, try one of the following options:
 - Touch the point of interest on the map with a stylus, then tap on Street View (if available); tap on [Close](#) to exit
 - If Street View imagery is available, you'll be able to select this option
 - Access "Street View" from the address page of a search result
 - While finding directions, you are able to see Street View images of your route (if available).

NOTE:

- To move up and down a street, rotate the view until an indicator arrow appears, then use your phone's up arrow key, trackball, or touchscreen and stylus to move to the next street view image.
- When Street View is displayed as a bubble over the map, you can still zoom in or out on the map or switch to satellite view. To switch to full screen Street View, use "Expand"
- If Street View is unavailable in a particular location, the "Street View" link won't appear. If you think you've found an inappropriate image, you can notify us by using the "Help" link in full screen mode.

Detailed Use of **Mobile** Google Maps and Google Latitude

Overview: [Clear search history](#), [Searching](#), [Directions](#), [Satellite/Map View](#), [Traffic & Street View ...](#)

F. Using GPS and My Location (beta): GPS support

Depending on your phone's system specifications, the My Location (beta) feature uses different methods to determine your approximate location on the map. If your phone is equipped with an internal GPS, My Location (beta) should be able to acquire your position through your mobile's internal GPS. To enable:

- Go to [Menu / Options / GPS Settings...](#)
- Select: [Managed by Windows](#) (under My Locations Settings); Select **OK**. Windows will find your GPS data stream and connect
- To enable Google Maps to use the GPS data, go to [Menu / Use GPS](#) (...a check mark will show next to it)

- To use an external Bluetooth GPS (BT-GPS) device, see www.AptoLink.com for BT connectivity information
- Then go to [Menu / Options / GPS Settings...](#)
- Select: [Set Manually](#) (under My Locations Settings)
- Select the assigned **COM** port, i.e. COM4, COM6, COM7, COM8, etc
- Select the baud rate: **4800**; Windows will find your GPS data stream and connect; Select **OK**
- To enable Google Maps to use the GPS data, go to [Menu / Use GPS](#) (...a check mark will show next to it)

NOTE:

- You're still able use My Location (beta) even if your phone lacks GPS functionality. With or without GPS, you'll see a blue dot surrounded by a light blue circle to indicate uncertainty about your location
- My Location (beta) uses the most accurate available location source to determine your location on the map. In cases where a GPS signal can't be acquired (such as indoors), Google Maps for mobile will use other location methods like WiFi (wireless network) or cell ID (cell tower) database lookup to determine your approximate location, even if your phone has GPS functionality
- Certain carriers block third party software from accessing your device's internal GPS. We recommend contacting your mobile provider to confirm the details of use of your device's GPS.

Detailed Use of **Mobile Google Maps** and **Google Latitude**

Overview: [Clear search history](#), [Searching](#), [Directions](#), [Satellite/Map View](#), [Traffic & Street View ...](#)

G. Using GPS and My Location (beta): My Location (beta)

- The My Location (beta) feature on Google Maps lets you center the map on your current approximate location using cell ID (cell tower), WiFi (wireless network), or GPS signals when available. Just select My Location from the menu, press [0], or tap the button with the blue dot to move the map to your current approximate location.
- Your approximate location will appear as a blue dot located on the map itself. Depending on the accuracy of the available location source (cell ID, WiFi, or GPS), you may see the dot surrounded by a light blue circle to indicate uncertainty about your location.

Note:

- Integration between My Location and your device's GPS is dependent on your device and mobile service provider. Some providers disallow access for third-party applications to your device's internal GPS.
- Opting out of My Location
- On Android-powered devices, you must disable My Location for your device completely in order to opt out for Maps. Just go from your Home screen to 'Menu' > 'Settings' > 'Security & location' and un-check 'Use wireless networks.'
- On iPhone or iPod touch devices, you may choose to not 'Allow' location access the first time you use an app or may disable Location Services on your phone entirely. Turn off Location Services by going from your Home screen to 'Settings' > 'General' and turning "Location Services" to 'Off.'
- On Palm WebOS devices, go from the Launcher to 'Location services' and turn "Auto Locate" off.
- On BlackBerry, Symbian S60, Windows Mobile, Sony Ericsson, and many other devices, select 'Menu' > 'Help' > 'My Location (beta)' and then choose the option to "Disable My Location".
- Once you opt out of My Location, Maps will not continue to send radio information back to Google servers to determine your handset's approximate location.

At this time, My Location (beta) is available for these devices:

- All Android-powered devices
- Most BlackBerry devices
- Some recent Motorola devices
- Some recent Sony Ericsson devices
- Many Windows Mobile devices
- Some Symbian UIQ and Series 60 3rd Edition devices

Go to www.AptoLink.com website
for more information on our products and
How to User Guides...

Thank You!