

308 Pine St
Titusville FL 32796
Mon—Sat 10 am to 4 pm
Call (321) 264-0434 for an appointment



(km) above the earth. This is half the altitude of Geostationary satellites, so each satellite circles the earth every 12 hours. Once your GPS receiving device collects this information from 4 satellites, the device can determine and display your Latitude, Longitude, and Altitude, and show you your location on a map. What your device (and app) does with the information from there is something you should look into on your own.

GPS Satellites do NOT know where you are. They only know two things. 1) Their own orbits (the mathematical variables for determining the orbits are sent to them from the ground), and 2) they know what time it is VERY accurately, since every GPS satellite has its own Atomic Clock. Each satellite sends this information towards the ground from its orbit at about 12,550 miles (20,200

for all users. The GPS 3 project involves modernized ground stations and new military users, and aims to improve the accuracy and availability

effort, referred to as GPS III. As the fifth Space Vehicle in the GPS 3 program, this payload is designated GPS III SV05, and will be tracked by ground crews as the satellite named "Neil Armstrong", for the first American to step foot on the Moon. The United States' Global Positioning System (GPS) reached Fully Operational Capability on July 17, 1995, completing its original design goals. However, additional advances in technology and new demands on the existing system led to the effort to modernize the GPS system. In 2000, the U.S. Congress authorized the

GPS III SV 05



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GPS III SV05

Launching on a Falcon 9 Rocket for the US Space Force

2020-11-05 12:09 pmEDT



Sunrise Bread Company
315 S Hopkins Ave
Titusville, FL 32796
tel: 321-268-1009

Hours:
Mon - Sat 6 am - 5 pm
Sun 7 am - 2 pm

Playalinda Brewing Co.
305 S Washington Ave
Titusville, Florida 32796
tel: 321-225-8978

Hours:

Mon - Thu: 4pm - 11pm

Fri 11:30 am - 12 Midnight

Sat 12:00 Noon - 12 Midnight

Sun 12:00 Noon - 9 pm

OpenStreetMap

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Sunrise Bread Company

Playalinda Brewing Co.
305 S Washington Ave
Northbound US1
near Main St

Viewing Site

100 m
300 ft

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