Broadcast orbits were downloaded from:

https://cddis.nasa.gov/archive/gnss/data/daily/2012/016/12n/

(you will be asked to register for an earthdata nasa account)

Rinex V2.11 format broadcast navigation files are described

in the appendix in this document:

https://files.igs.org/pub/data/format/rinex211.txt

Precise orbits were downloaded from:

http://ftp.aiub.unibe.ch/CODE/2012

SP3 precise orbit file format is described here:

https://files.igs.org/pub/data/format/sp3\_docu.txt