
Subject: Finding coordinates on the circumference of a circle
Posted by [guillaume.drolet.1](#) on Tue, 19 Jul 2005 14:56:28 GMT
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Hello group-

I am preparing flight lines over a CO2 flux tower in Canada. I need to find the geographic coordinates of several points located on the circumference of a circle defined around the tower. The points are equally spaced (10 degrees), starting at 0 degrees (north) and incrementing clockwise. I want to do this for circles of different radii (10 km, 13 km, etc.). I need these coordinates in either WGS84 or NAD83.

I found 'compass.pro' and 'findrng.pro', routines that find ranges and azimuths for given points (lat/lon) around a center location. I would like the opposite: find locations around a central point from arrays of azimuths and ranges.

Does anybody know something that could help me?

Cheers!

Guillaume
