

GREAT CIRCLE DISTANCE CALCULATIONS

GreatCirc version 3.0

GREAT CIRCLE DISTANCE : Find the shortest distance between two given points.

Input File: sample_batch.txt

World Model: WGS84 Ellipsoid

Magnetic Model:

POINT 1			POINT 2			RESULTS				
Latitude	Longitude	Name	Latitude	Longitude	Name	Distance (km)	Forward Azimuth		Reverse Azimuth	
							(True)	(Magnetic)	(True)	(Magnetic)
-33.7300	151.2500	Sydney	21.3170	-157.8330	Honolulu	8,138.894	49.2	36.7	222.5	213.0
21.3170	-157.8330	Honolulu	37.7500	-122.4500	San Francisco	3,850.800	53.8	44.3	251.9	238.3
37.7500	-122.4500	San Francisco	41.9830	-87.9000	Chicago	2,972.620	70.0	56.4	272.5	276.2
41.9830	-87.9000	Chicago	40.7170	-74.0000	New York	1,170.419	92.3	95.9	281.5	294.4
40.7170	-74.0000	New York	51.4670	-0.4500	London	5,564.707	51.4	64.3	288.2	288.9
51.4670	-0.4500	London	13.7330	100.5000	Bangkok	9,567.187	72.9	73.5	322.1	322.7
13.7330	100.5000	Bangkok	-33.7300	151.2500	Sydney	7,516.439	135.7	136.3	305.4	292.9