

Radio-Jupiter Pro

Radio-Jupiter Pro 3.6.0

File Options Display Tools Window Help

YYYY MM DD
Date 2014 05 29 cal

HH MM SS
Time 21 30 24 GMT

Using Real Time

Lat: 38.12.00.0
Long: 85.05.47.0 W

Jupiter	Sun
ALT: 70.2	ALT: 36.2
AZ: 220.8	AZ: 270.0
HA: 00:55	HA: 04:00
Rise: 13:23	Rise: 10:22
Set: 03:54	Set: 00:46
RA: 07:24	RA: 04:19
DEC: 22:22	DEC: 21:25
CML: 68.64	
Io Phase: 101.27	LMST: 08:19:19

Main Features

- All calculations customized to your location.
- Predictions for all emission modes.
- CML – Io Phase charts.
- Sky display with approx. antenna pattern.
- Yearly visibility chart.
- Automation scripts.
- Jupiter Information Server.

Set up Your Location

Observer Parameters

Lat/Lng

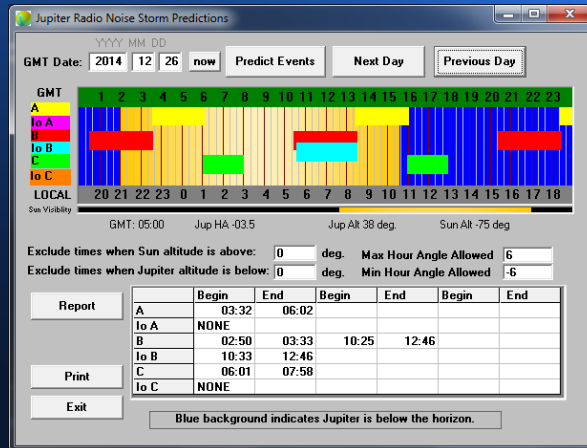


Latitude: 38:12:00.0
Longitude: 85:05:47.0 W
Time Zone: -5
System Clock Time Zone: -4
Detect System Time Zone

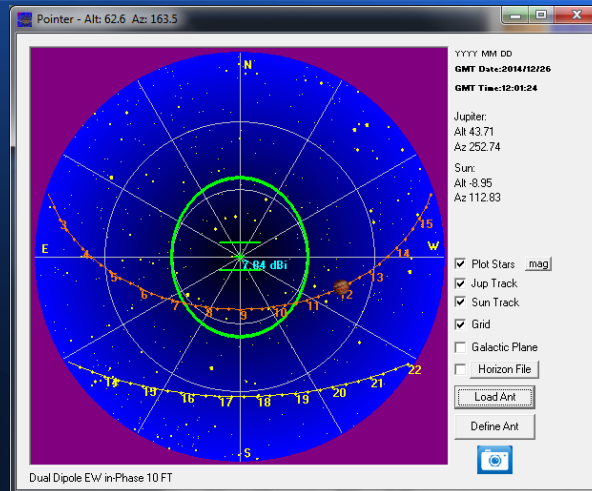
Observer File: C:\Program Files (x86)\Radio Jupiter Pro 3\viewer.obs

OK Load Save Apply Cancel Keep As Default Cities Time Zone

Predictions



Sky Map

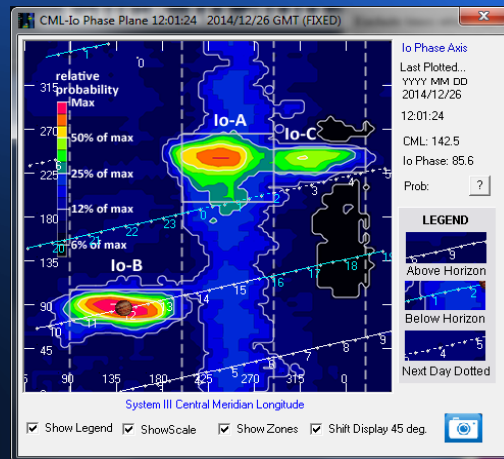


Antenna pattern.

Jupiter and Sun tracks.

Galactic plane.

CML – Io Phase Plot



Based on ??? 2 deg data?

Show plot with different features visible.
Visibility track.
Legend

Jupiter Information Server

- Provides a ready stream of text information regarding the position of Jupiter/ Sun, Io-Phase, CML, and emission Mode.
- Called by the Spectrograph or Radio-SkyPipe.
- Write your own.

Automation

Automated Action Parameters

Conditions

GMT Local YYYY MM DD

Do On this Date: 2014 05 29 cal

Do At This Time (HH:MM) 00 00

Do Daily

A Tasks performed if any of the checked modes are predicted to be active and other criteria are met. Uncheck all for no mode dependence.

Io A

B

Io B

C

Io C

Jup Alt is Between 0 89.9

Jup Az is Between 0 359.9

Only When Sun Is Below Horizon

Jup Alt Changes by 0

Sun Az Changes by 0

Tasks

At certain times ...

Run Script: Browse

Script File: _____

When conditions are met ...

Run Script: Browse

Script File: _____

When conditions no longer met

Run Script: Browse

Script File: _____

When Alt Az conditions met

Run Script: Browse

Script File: _____

Audible Alert

OK Cancel

D sub e

