

Precession comparison

1)

0044+663 00h44m41.26s +66d18'41.1" 2000.00

Precession to 17/11/2013

Name of library	Right ascension	Declination
ONLINE	0h45m36.31s	66d23'31.00"
Novas library	0h45m32.08s	66d18'41.10"
Astropy library	0h45m32.22s	66d23'13.88"
Online web tool	0h45m32.21s	66d23'13.90"

2)

0058-569 00h58m46.58s -56d59'11.5" 2000.

Precession to 17/11/2013

Name of library	Right ascension	Declination
ONLINE	0h59m23.48s	-56d54'50.1"
Novas library	0h59m22.29s	-54d56'46.11"
Astropy library	0h59m21.99s	-56d54'42.54"
Online web tool	0h59m22.00s	-56d54'42.50"

3)

2355+498 23h55m09.46s +49d50'08.3" 2000.

Precession to 17/11/2013

Name of library	Right ascension	Declination
ONLINE	23h55m53.91s	49d55'06.2"
Novas library	23h55m51.44s	49d59'45.85"
Astropy library	23h55m51.71s	49d54'46.40"
Online web tool	23h55m51.71s	49d54'46.40"

4)

2331-381 23h31m59.48s -38d11'47.6" 2000.

Precession to 17/11/2013

Name of library	Right ascension	Declination
ONLINE	23h32m44.79s	-38d07'14.7"
Novas library	23h32m43.59s	-37d23'26.09"
Astropy library	23h32m43.91s	-38d07'11.47"
Online web tool	23h32m43.92s	-38d07'11.40"

5)

0000+000 00h00m00.00s 00d00'00.0' 2000.0

Precession to 17/11/2013

Name of library	Right ascension	Declination
ONLINE	0h0m43.92s	0d4'46.30"
Novas library	0h0m42.41s	0d4'36.44"
Astropy library	0h0m42.68s	0d4'38.15"
Online web tool	0h0m42.68s	0d4'38.20"

Note:-

- Online web tool link: <http://fuse.pha.jhu.edu/support/tools/precess.html>
This page makes use of some of the [Starlink Project's SLALIB](#) astronomical subroutines written by P. T. Wallace. The accuracy is about 0.1 arcseconds. The B in the epoch field refers to the FK4 system, J refers to the FK5.
- **ONLINE** : current online system.