

**NAME**

`table.pl` – Produces the table to be used for daily calibration.

**SYNOPSIS**

**`table.pl`** **`--month`** *month* [**`--year`** *year*] [**`--(no)xpdf`**] [**`--output`** *filename*] [**`--help`**]

**DESCRIPTION**

This script produces the file *table.pdf* containing the table to be used for daily calibration. Eclipses times are read from the orbit file and range changes from the log files. If *uncal\_mmdd.txt* exists for the given month, then the uncal interval times used for spacecraft offset in range two are also included.

**OPTIONS**

**`-m`** *month*, **`--month`** *month*

The month. One or two digits. Mandatory argument.

**`-y`** *year*, **`--year`** *year*

The year. One or two digits. Default is the current year.

**`-x`**, **`--xpdf`**

Show the result with xpdf viewer. Default is yes. To disable, negate the option with **`--noxpdf`**

**`-o`** *filename*, **`--output`** *filename*

Specify the output file. If the '.pdf' extension is not given, it will be automatically added. Default is `$FGMROOT/tmp/table.pdf`.

**`-h`**, **`-?`**, **`--help`**

Prints a brief help message.

**ENVIRONMENT**

`FGMROOT`

Root for the FGM calibration directory structure. Default to `/home/FGM/` if not set.

**FILES**

`$FGMROOT/log/atorb/stef.cl` – orbit file

`$FGMROOT/log/cd_log/$yy_$mm/C$sc_$yy$mm??_B.NSlog` – log files

`$FGMROOT/cfg/uncal_yymm.txt` – uncal intervals

*table.pdf* – output

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