ctools - Action #3275

ctbin is slow when applied to GPS observation definition file

07/20/2020 04:56 PM - Knödlseder Jürgen

Status:	Closed	**Start date:**	07/20/2020
Priority:	Normal	**Due date:**	
Assigned To:	Knödlseder Jürgen	**% Done:**	100%
Category:		**Estimated time:**	0.00 hour
Target version:	1.7.1		

Description
When running on kepler using OpenMP support, ctbin is rather slow when applied to GPS observation definition file. It appears that the parallel processing is not actually used.

History

#1 - 07/20/2020 04:58 PM - Knödlseder Jürgen

- Status changed from New to In Progress

- % Done changed from 0 to 50

I refactored the code so that there is no critical zone anymore. The code now runs considerably faster, binning of the entire GPS at a resolution of 0.02 deg/pixel was finished after about 14 minutes.

#2 - 07/20/2020 08:56 PM - Knödlseder Jürgen

- Status changed from In Progress to Closed

- % Done changed from 50 to 100

Code was merged into bugfix-1.7.1 branch.