PyCAMA - Feature #628

Do not limit analysis to pixels where all data is valid.

07/04/2016 12:04 PM - Maarten Sneep

Status:	Closed	**Start date:**	07/04/2016
Priority:	Normal	**Due date:**	
Assignee:	Maarten Sneep	**% Done:**	100%
Category:		**Estimated time:**	0.00 hour
Target version:			

Description

> Note it is important that the NPP stats are not restricted to pixels where all data is valid, handling of fill-values should be done on a variable by variable basis.

This is tricky to say the least, because the way PyCAMA is set up. We can rather easily remove variables from the analysis that are all fill value for a granule, but handling variables with some fill values without removing those is not foreseen.
Because the way other products are handled, I don't really want to let fill values past the filter I have now. This would increase the burden of testing significantly.

Can you be more specific on the occurrence of these fill values, paterns, reasons etc.

> The VIIRS radiances need treating totally independently as they come from separate files (different to cloud mask and different for each VIIRS band). Its clearly possible that one or other file could be missing - our code will still report cloud-mask if radiance in channel X is missing and radiance in channel X if channel Y is missing etc; would not want to stop monitoring things because one or other VIIRS file is missing. Is that enough?

History

#1 - 08/15/2016 04:23 PM - Maarten Sneep

- Status changed from New to In Progress

- % Done changed from 0 to 20

The data reader and the world plot module have been adapted, other plotting modules to follow.

#2 - 08/17/2016 03:04 PM - Maarten Sneep

- Status changed from In Progress to Resolved

- % Done changed from 20 to 100

All plotting modules have been updated.

#3 - 08/17/2016 04:58 PM - Maarten Sneep

- Status changed from Resolved to Closed

#4 - 08/22/2016 11:49 AM - Maarten Sneep

- Status changed from Closed to Resolved

#5 - 10/27/2016 04:43 PM - Maarten Sneep

- Status changed from Resolved to Closed