



This is the current form. It deals with adding rainfall data to the map.

The user enters a date in the format YYMMDD and the form loads an individual file into the MAP using VBA.

We now want to load 'multiple files' between 'a set of dates'. See below right. **This is how the new form should look**

We have **two** file types <filename> to load into the map using VBA.

- Daily files** (every day): these are named in following date format 'pYYMMDDdt.tif' i.e. 'p061024dt.tif' – 'p' is the indicator for 'precipitation' & 'dt' is the indicator for 'daily temporality' - both of these indicators do not change.
- Decadal files** (every ten days) each month has three decades for the days '1-10', '11-20' & '21-30' respectively. These are named in following date format 'pYYMMDDk2.tif' i.e. 'p061001k2.tif' – 'p' is the indicator for 'precipitation' & 'k2' stands for 'decade 2'. The decade indicator may have 'one' of three values 'k1' 'k2' 'k3' each referring to a particular decade.

The paths to these datasets are in the format.
 L:\iri\YYYYMM\<filename> The files are organised by Year & Month. The path is read from C:\ini.xml

For example 'L:\iri\2006\10\p061024dt.tif' & 'L:\iri\2006\10\p061001k2.tif' for both file types respectively.

In order to solve the problem you will need to **search each folder** within the **user query** for **each file type**. Once you have located a file you will need to **store the 'full path & filename'**. You will **loop** through the **stored list of names** and **add each file name to the map**. Once this is done you will **refresh the map**. You can use the code we have written or design your own. Please be careful with the existing code as it works. This is just a suggestion to help you.

I have enclosed the Test.mxd file, the two file types & the ini.xml file. You will need to set up the path L:\iri\YYYYMM\ in order to copy & paste the data.

Please ensure you understand this fully before you start. Thank you.

