

# BAA Support for AAVSO Extended File Format

The BAA Photometry Database has the ability to import observations from a modified version of the AAVSO Extended File format. This is to allow observers who cannot produce the BAA file format to submit observations, though it should be noted the BAA format records more information and is still preferred.

An explanation of the AAVSO Extended File Format can be found on the AAVSO website at the below link, noting the format is only partially supported by the BAA.

<https://www.aavso.org/aavso-extended-file-format>

The exceptions and changes to the format are as follows:

- The #TYPE field in the first row of the file should be set to "AAVSO EXT BAA V1.00".
- A new field called #LOCATION should be added before the observations near the top of the file. The location should contain the latitude, longitude and elevation, like "38 20 41N 85 31 42W H230m" or "38.345N 85.528W H230m" though other unambiguous formats are acceptable.
- A new field called #TELESCOPE should be added before the observations near the top of the file. This should be a short description of the telescope, e.g. "RC 0.2m f8".
- A new field called #CAMERA should be added before the observations near the top of the file. This should be a short description of the camera, e.g. "SXVR-H694".
- The BAA version of the format only supports one set of parameters at the top of the file. So for example you cannot change the observer code part way through the file as you can with the AAVSO.

The file should be saved as a text file with tab delimiters, in Excel this is known as Text (Tab delimited) (\*.txt).

An example file is provided on the BAA website. Both as an Excel file as this is easier to view and amend, and as a text and tab format file. Below is a screen shot from the Excel file, with the new and altered fields coloured orange.

#NAME	DATE	MAG	MERR	FILT	TRANS	MTYPE	CNAME	CMAG	KNAME	KMAG	AIRMASS	GROUP	CHART	NOTES
#TYPE=AAVSO EXT BAA V1.00														
#OBSCODE=AJW														
#SOFTWARE=AIP4Win v2 - Ensemble Photometry														
#DELIM=tab														
#DATE=JD														
#OBSTYPE=CCD														
#LOCATION=38 20 41N 85 31 42W H230m														
#TELESCOPE=RC 0.2m f8														
#CAMERA=SXVR-H694														
#														
WASP-12b	2458012.41048	10.035	0.159	V	NO	ABS	ENSEMBLE	na	Test1	11.010	na	na	AAVSO WASP-12b	Test 1
WASP-12b	2458012.41204	10.041	0.161	V	NO	ABS	ENSEMBLE	na	Test1	11.011	na	na	AAVSO WASP-12b	Test 2
WASP-12b	2458012.41360	10.032	0.158	V	NO	ABS	ENSEMBLE	na	Test1	11.012	na	na	AAVSO WASP-12b	Test 3
WASP-12b	2458012.41517	10.040	0.162	V	NO	ABS	ENSEMBLE	na	Test1	11.013	na	na	AAVSO WASP-12b	Test 4
WASP-12b	2458012.41674	10.037	0.158	V	NO	ABS	ENSEMBLE	na	Test1	11.014	na	na	AAVSO WASP-12b	Test 5