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Subject: Re: Real Number on PVWAVE

Posted by [Adrian Clark](#) on Thu, 18 Nov 1999 08:00:00 GMT

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Dear Daniele,

It looks to me as though WAVE is interpreting your numbers as floats and then truncating them. Did you specify your variable as a double before reading? I suspect that if this is not specified, float is the expected default when a '.' is found in a number. I got the following to work:

```
wave> DELVAR,varArray
make sure varArray doesn't already exist as a float from previous attempts!
wave> varArray=DBLARR(1)
tell wave to expect doubles
wave> status=DC_READ_FREE('filename',varArray,/resize)
/resize will resize varArray to cope with amount of data present
wave> PRINT,varArray,Format="(D11.5)"
print it in whatever format seems appropriate
```

HTH

Yours,  
Adrian

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