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## Apple II: Conflict between Versions of ProDOS and Backup II

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TOPIC -----

I backed up my hard disk with Backup II version 1.01, and the drive went down (total loss of data). While trying to restore from the backup I get through 13 of 34 disks, and then I get a DATE/TIME STAMP DO NOT MATCH error. I have looked for the date and time stamp bytes on the disks to no avail.

Can I fix Backup II to not look for a DATE/TIME STAMP? Which bytes should I look for on the bad disks? I have looked at the information on the disks in question and the data is there.

DISCUSSION -----

The actual problem may be with your versions of ProDOS and Backup II. Specifically, versions of Backup II before 1.1.1 are not compatible with any ProDOS version greater than 1.1.1. If your Backup II and ProDOS are incompatible, you have two options:

- Use Backup II v1.1.1, which will read your backup disks
- Downgrade ProDOS to 1.1.1.

The Date/Time stamps for a ProDOS volume reside in bytes \$1C-\$1F of block 2. Matching these against previous volumes may solve the problem.

To help you find block 2, here is a good formula for converting ProDOS blocks to DOS 3.3 sectors:

$$\text{Block} = (8 * \text{Track}) + \text{SectorOffset}$$

```
Sector: 0 1 2 3 4 5 6 7 8 9 A B C D E F
SectorOffset: 0 7 6 6 5 5 4 4 3 3 2 2 1 1 0 7
Half of Block: 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 2
```

It looks like the bytes you need are on Track 0, Sector 11 (first half of block

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