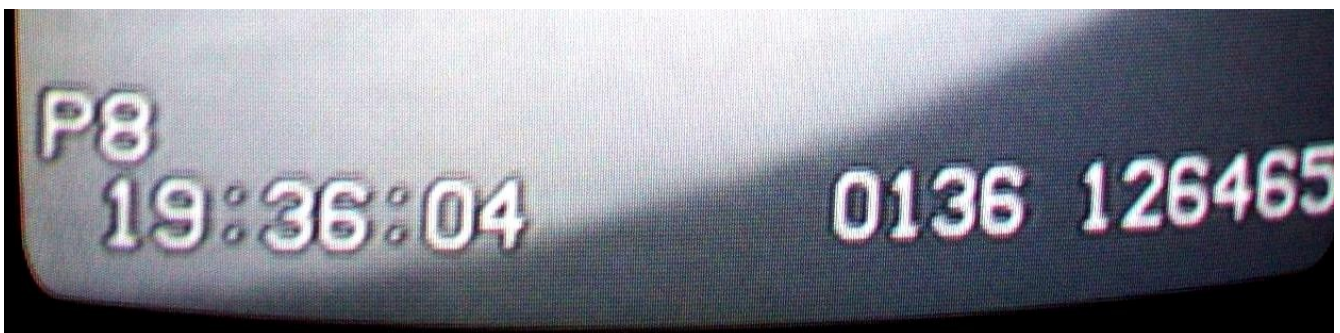
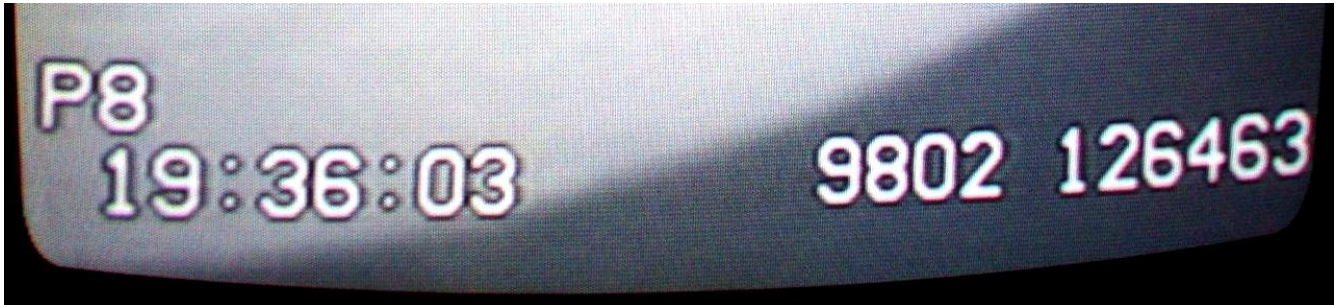


Here is what the Magnavox DVD+R recorder presents when a specific “frame” (with reverse order) is frozen on the screen. Backstep displays the earlier of the two fields for about a second or two, in this case the right hand fraction of a second will be shown. The suspected minor flare in sunspot group 11319 lasted a few minutes and happened during the period of strong outbursts that caused auroras south of the Mason-Dixon line. The image was obtained in H-alpha light.



Shown on the next page is a field-by-field sequence of images produced by the Emerson EWD2204 DVD/VCR player (no recording capability), starting with the second field of the frame shown above. If you freeze the Emerson's display using pause (“”), you get a single field, as the sequence shows. The next field is displayed when (“”) is pressed again. The delta time is 0.0167 s. Thus, the Emerson DVD player is an alternative to the rotating chopper method of separating fields. I think I like it better.

All of these (above and below) are screen photos taken with a Kodak C813, with the flash turned off.



The last two images straddled an even second.

This DVD player turned out to be a real asset.

Rick Wright