

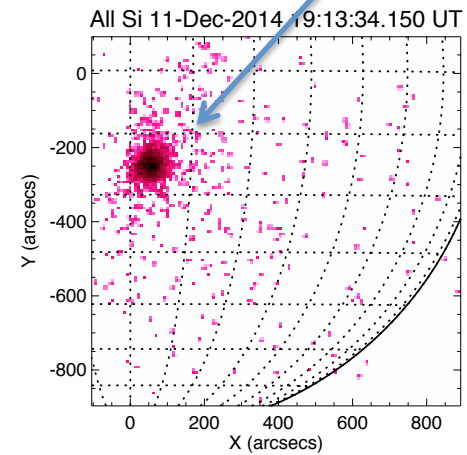
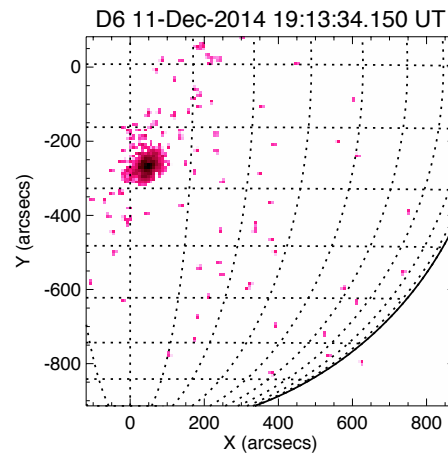
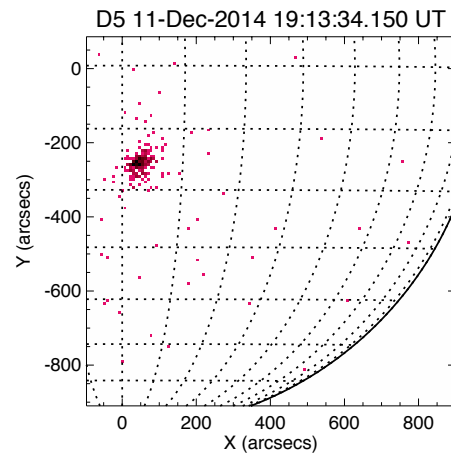
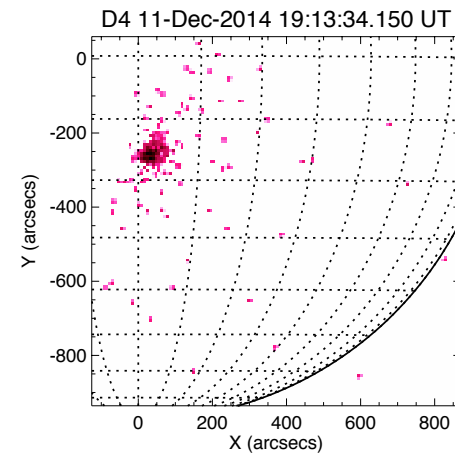
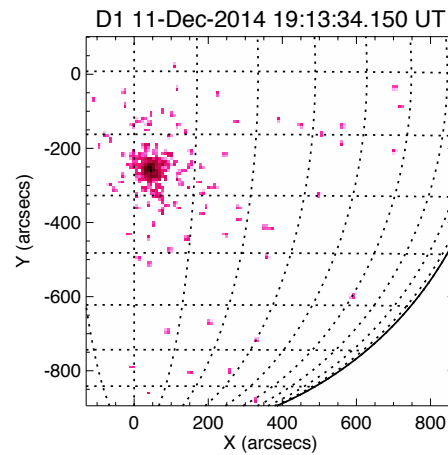
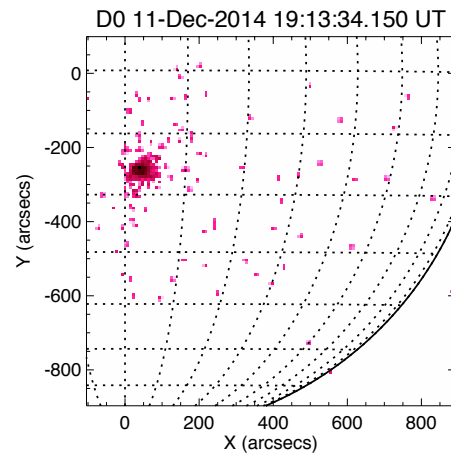
FOXSI imaging update

2014 January 8

Notes

- Times given in titles are midpoint of observation time.
- D5 sometimes shows up all pink due to funny scaling. Sorry!
- For each target the last image shows all 5 Si detectors integrated together.
- Absolute alignment can still be off (10s of arcsec?). A co-alignment with RHESSI has not been done yet.

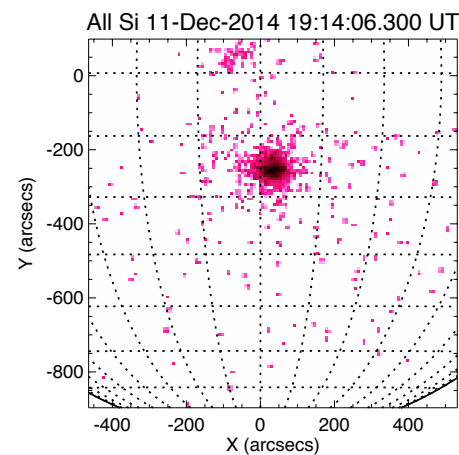
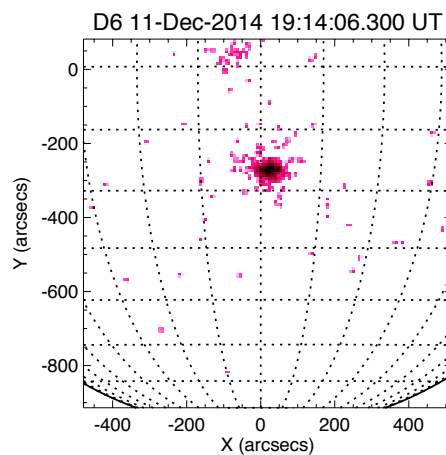
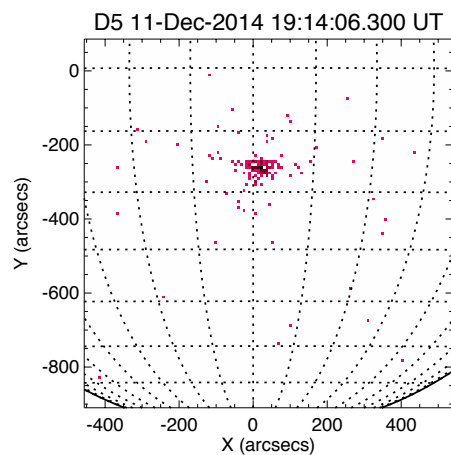
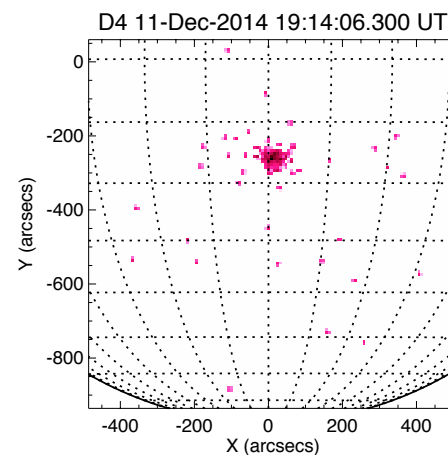
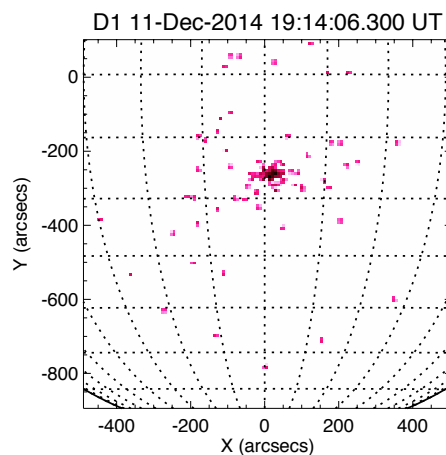
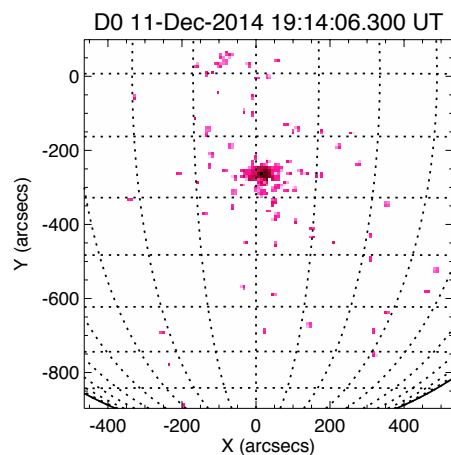
AR1, no adjustments



Flare in progress

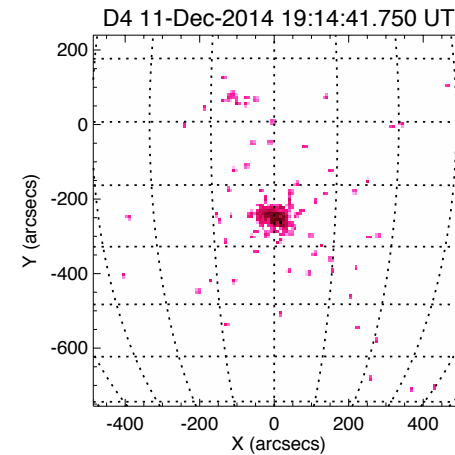
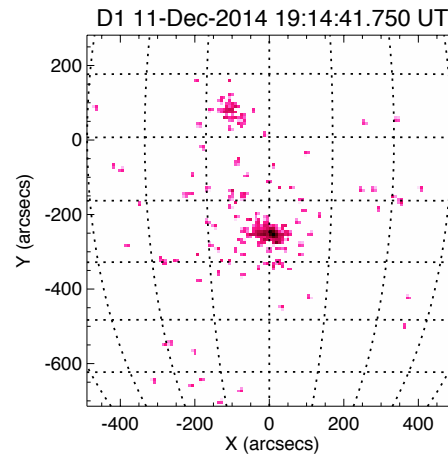
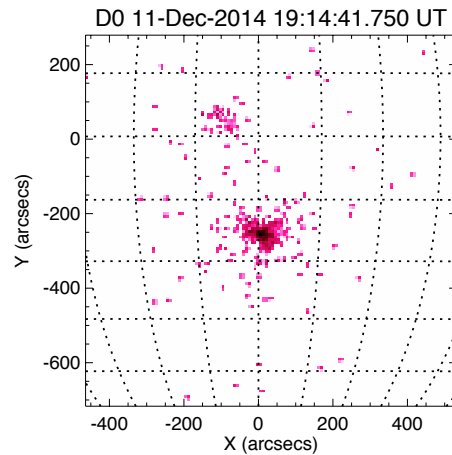
32.3000 seconds

AR1 after first adjustment

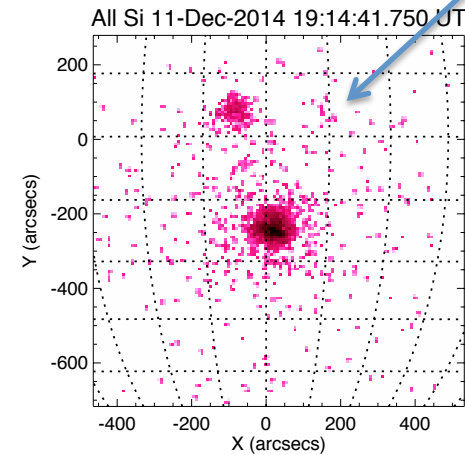
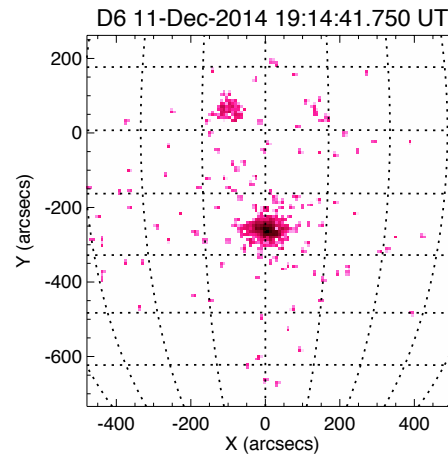
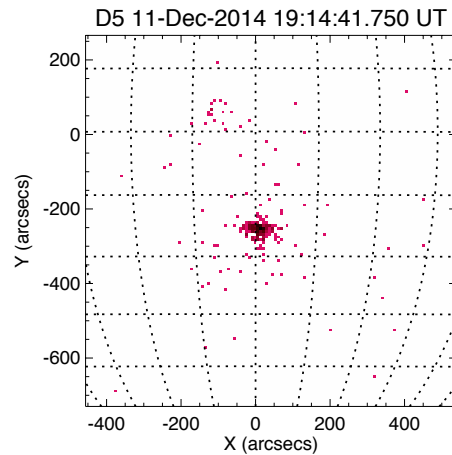


24.6000 seconds

AR1 after second adjustment

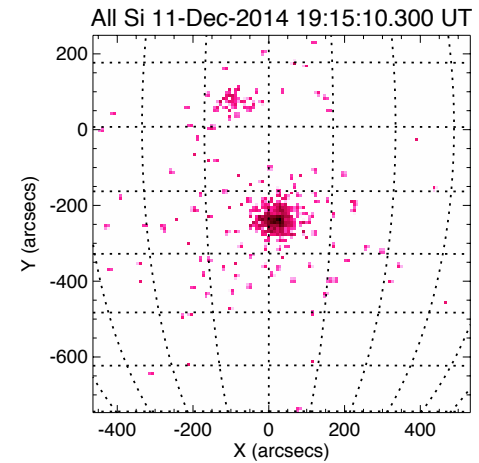
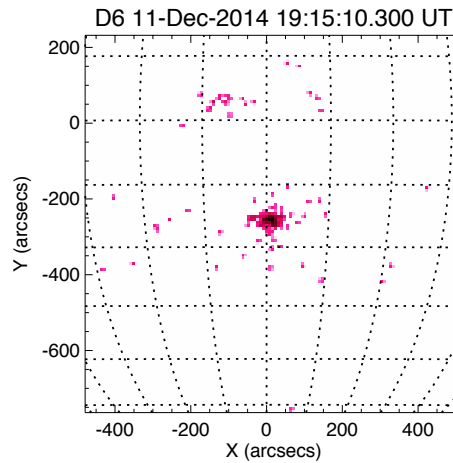
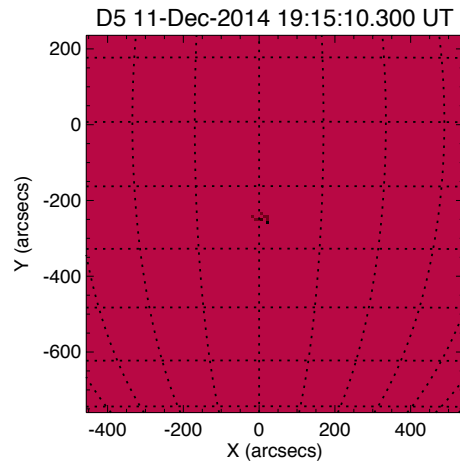
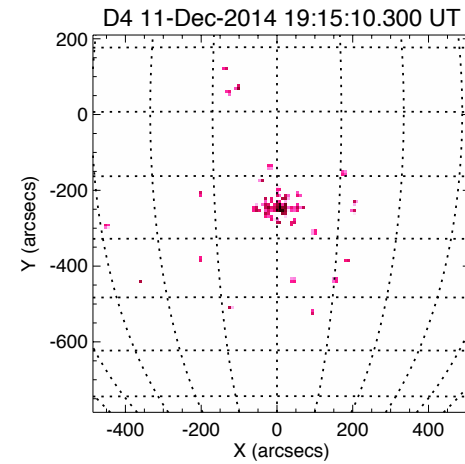
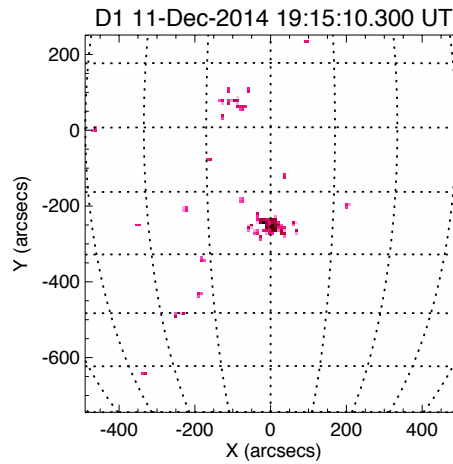
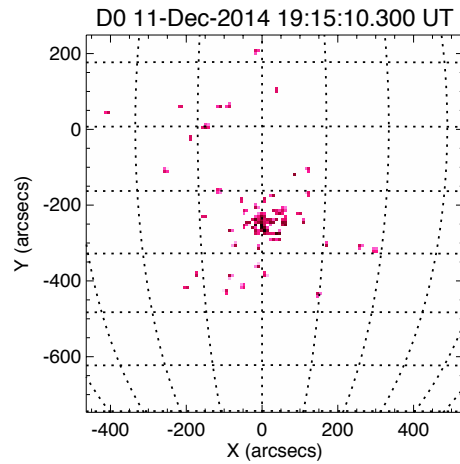


Maybe a
3rd AR?



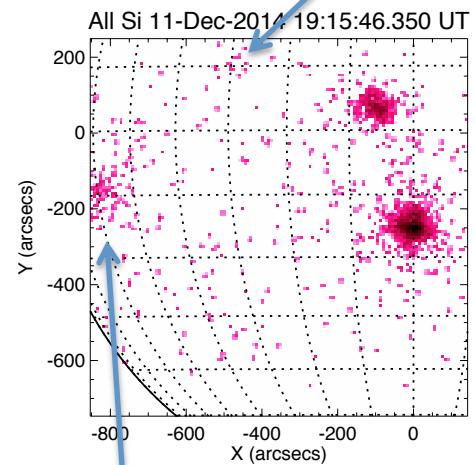
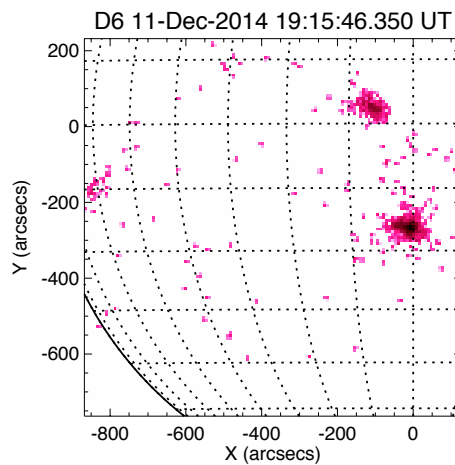
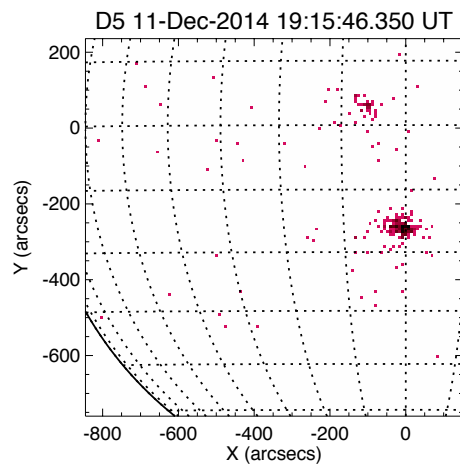
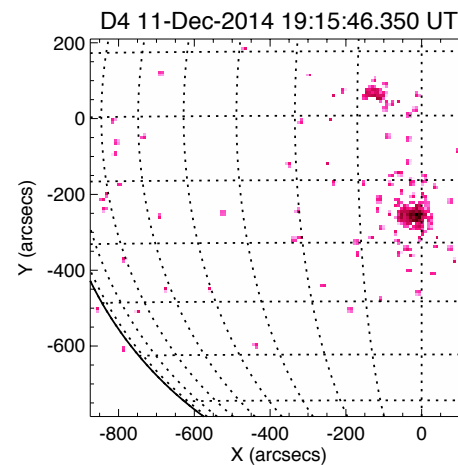
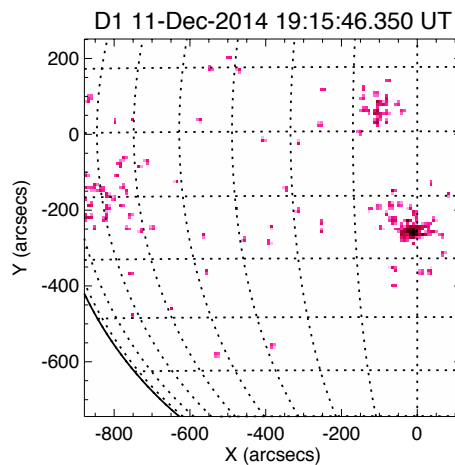
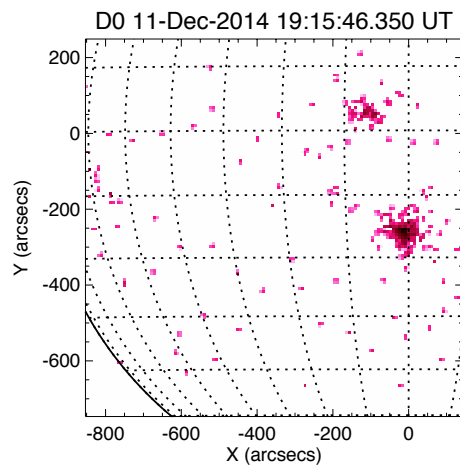
38.5000 seconds

AR1, one more adjustment?



10.6000 seconds

AR 2

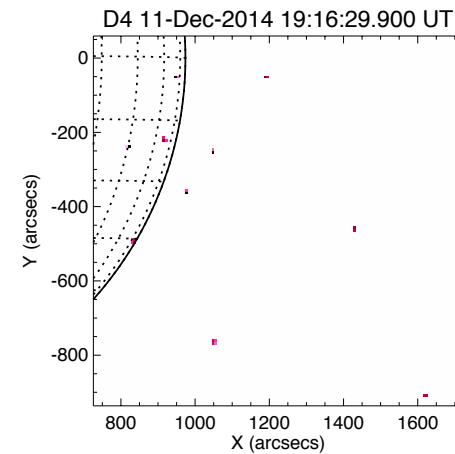
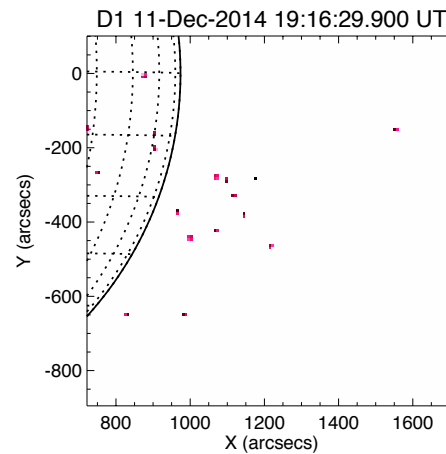
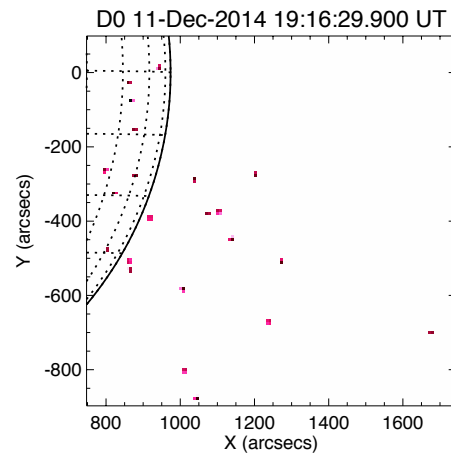


Maybe one more AR?

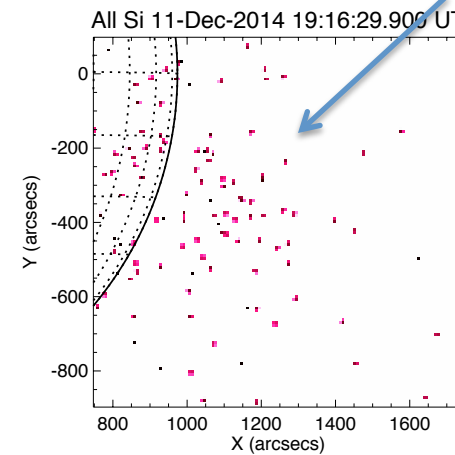
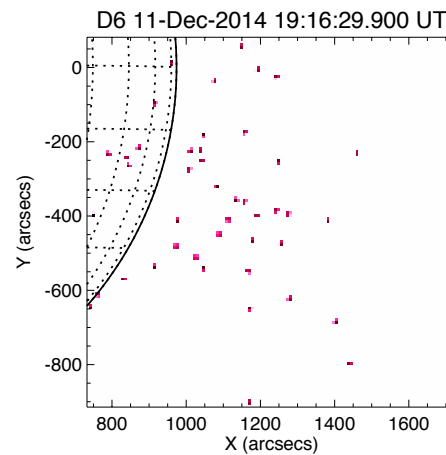
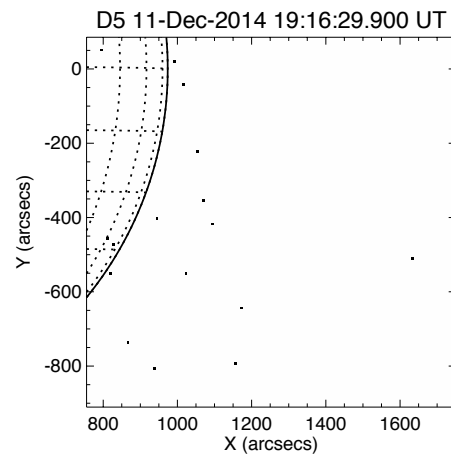
52.7000 seconds

This is the AR we wanted!

AR3, no adjustment

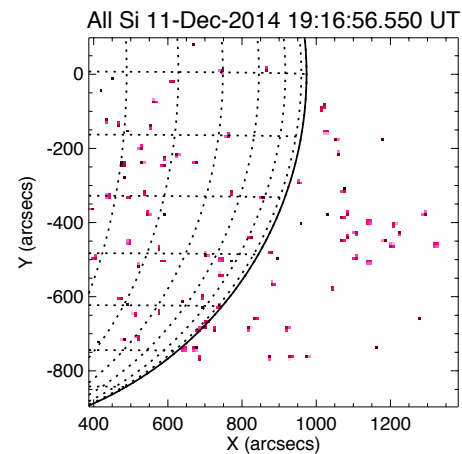
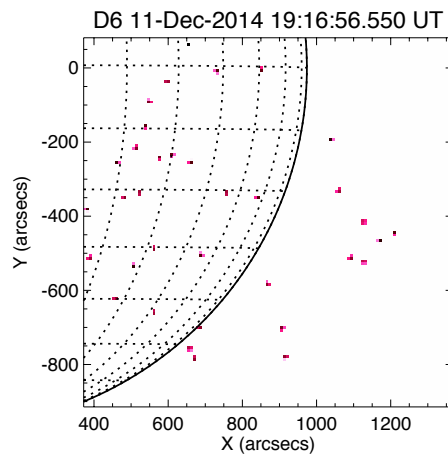
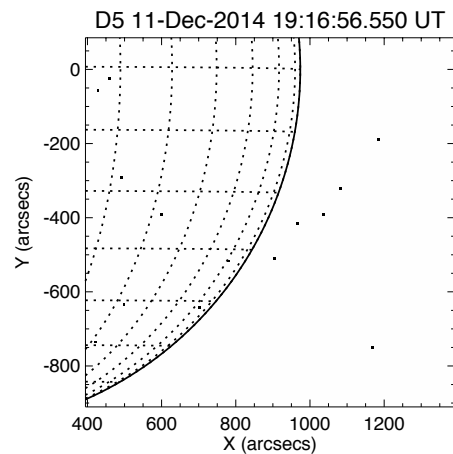
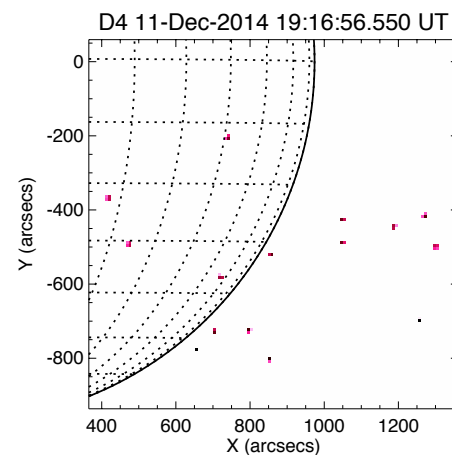
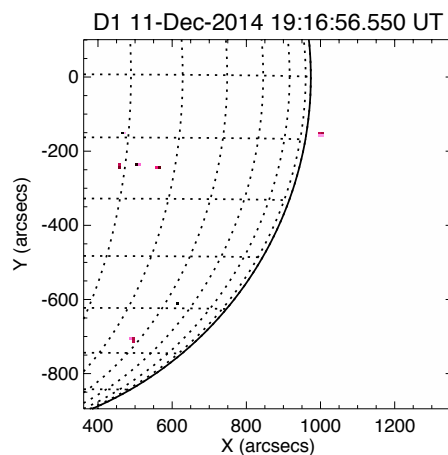
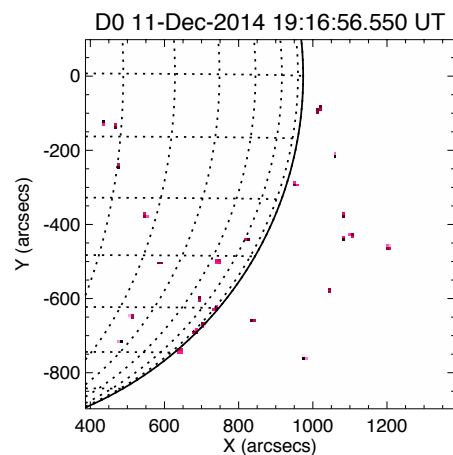


Not clear if
we see the
NuSTAR AR
or not...



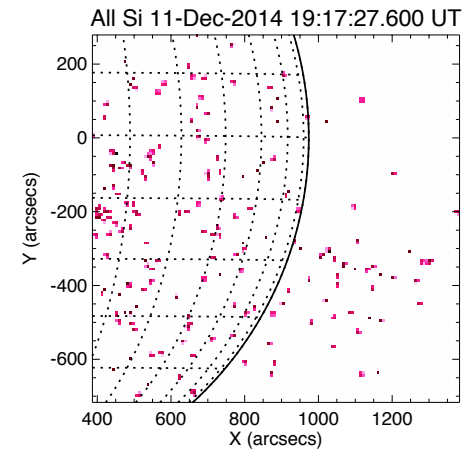
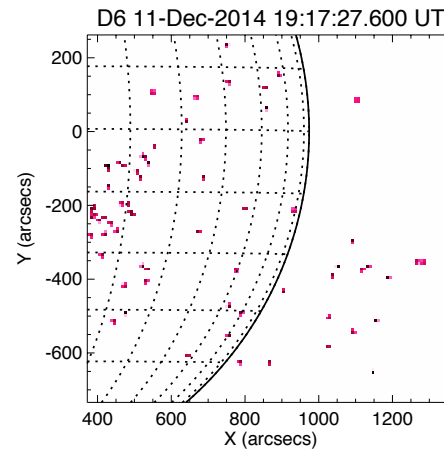
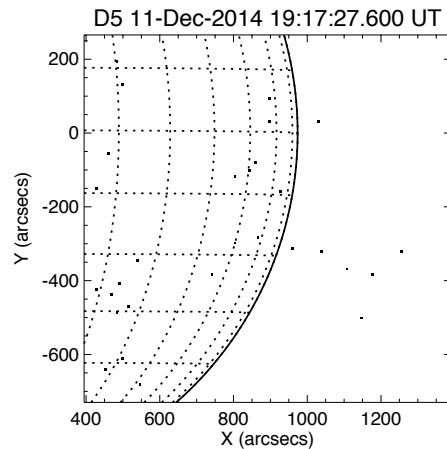
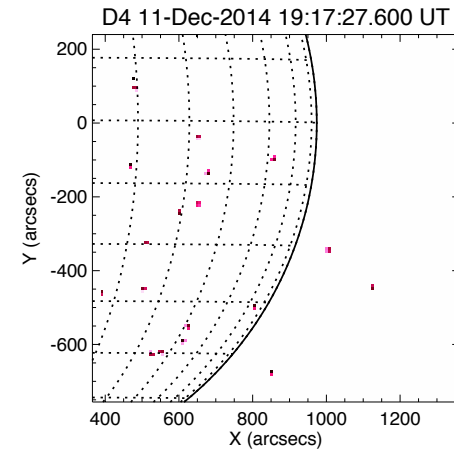
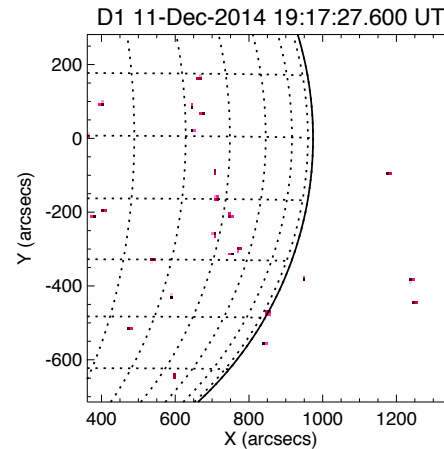
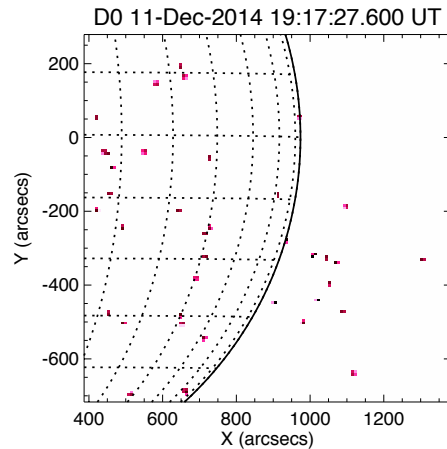
26.6000 seconds

AR3 after first adjustment



19.1000 seconds

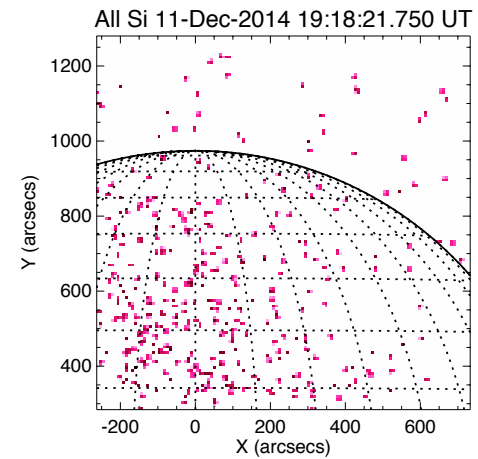
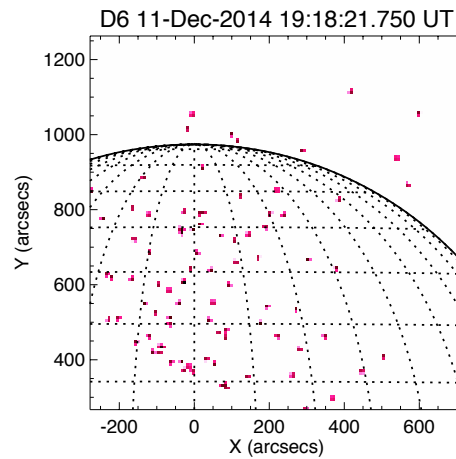
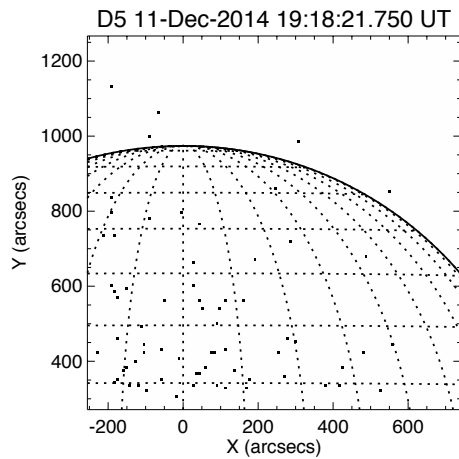
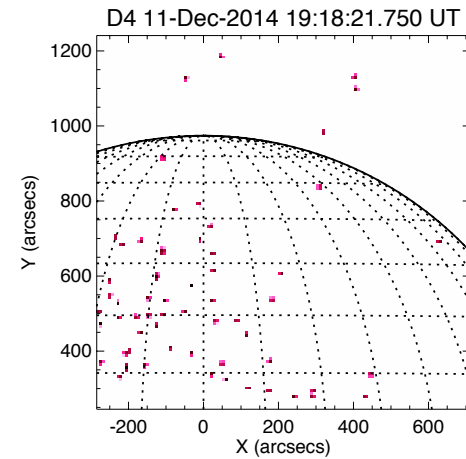
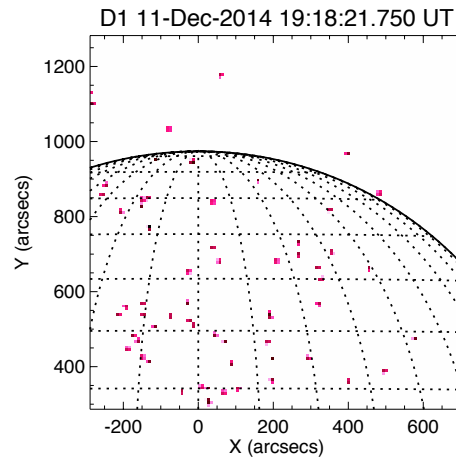
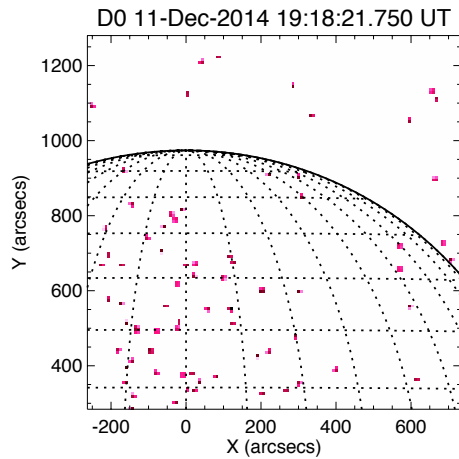
AR3 after second adjustment



35.2000 seconds

What's at [400,-200]? It's not an AR
but doesn't clearly line up with an AIA
brightening either...

Quiet Sun

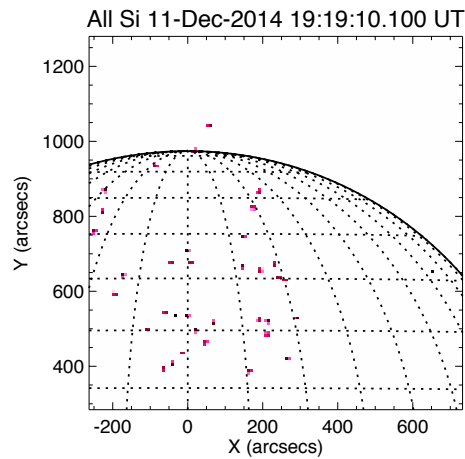
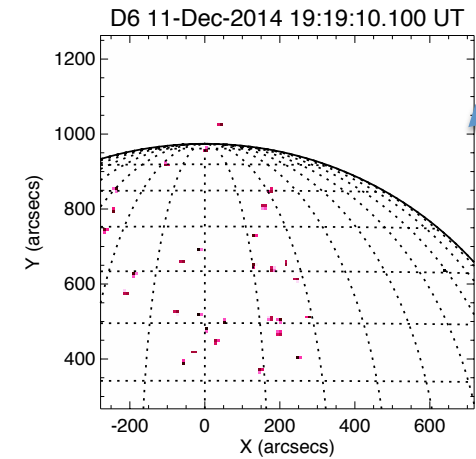
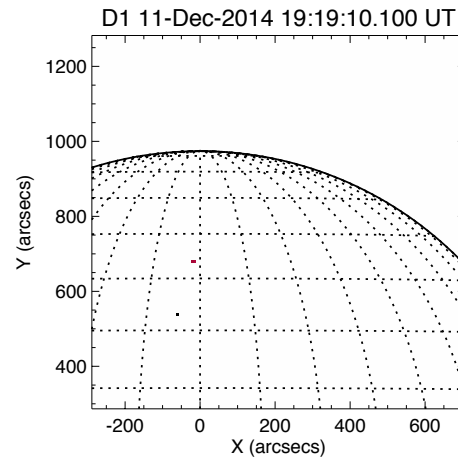
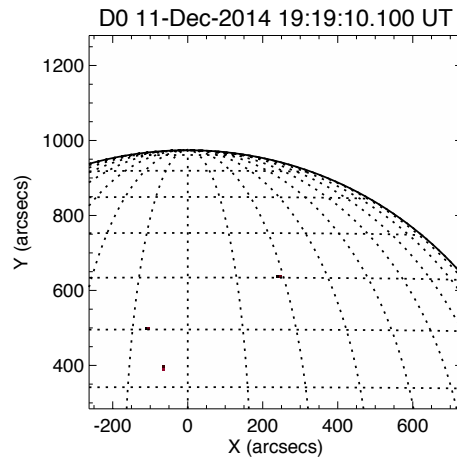


64.5000 seconds

Not clear if this is single bounce.

Quiet Sun with shutter in

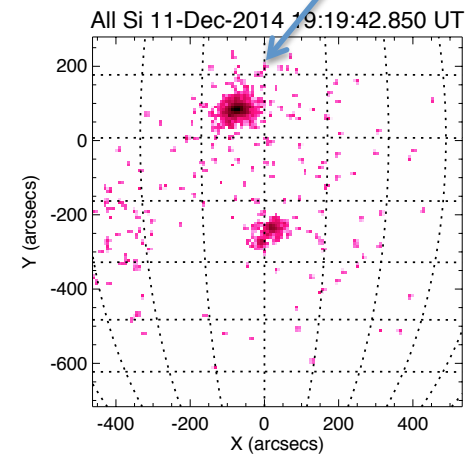
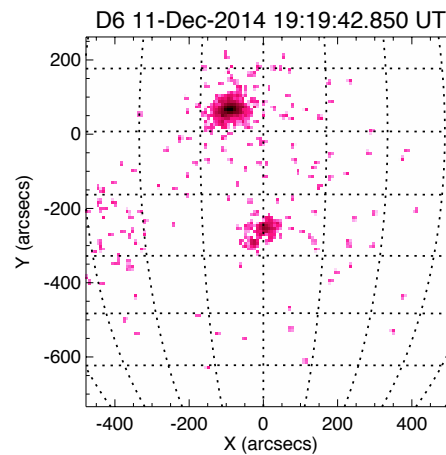
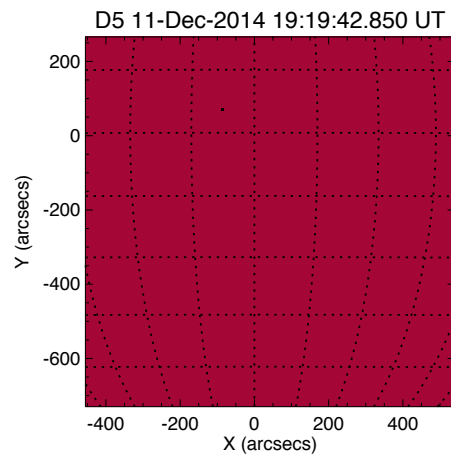
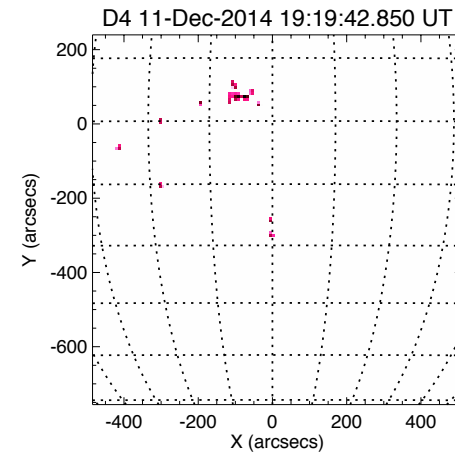
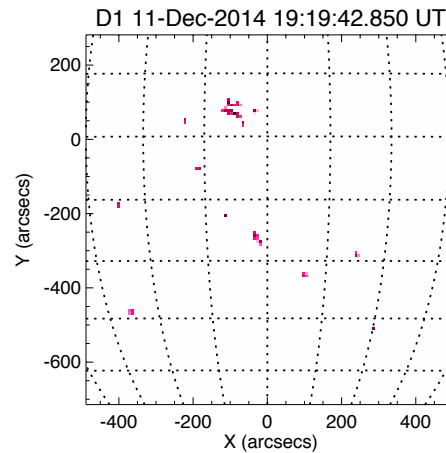
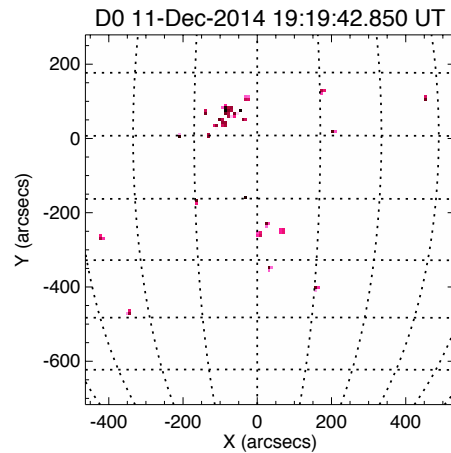
D6 has no shutter



D4, D5 have no good counts

24.2000 seconds

AR1 with shutter in



Now this
guy's flaring.

32.7000 seconds

AR1 with shutter on AIA

- At first glance, the counts outside the ARs don't obviously line up with transient AIA 94 brightenings.
- But it's not random either! Many counts are confined to the bright region in the east.
- Counts shown here outside the ARs are only 1-2 counts in a spot. Don't trust triangles...those are just funny ways of drawing a contour.

