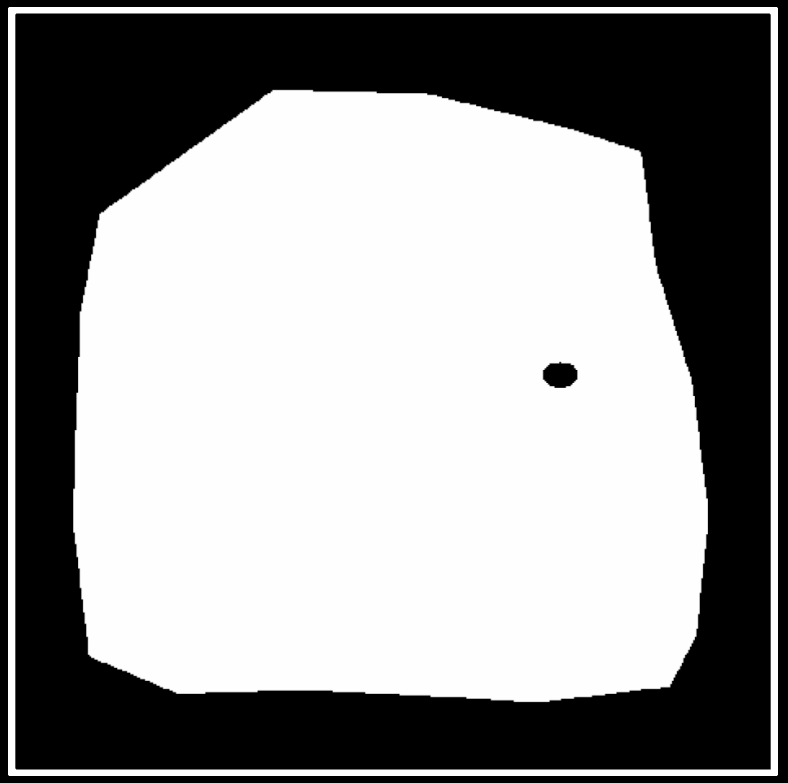
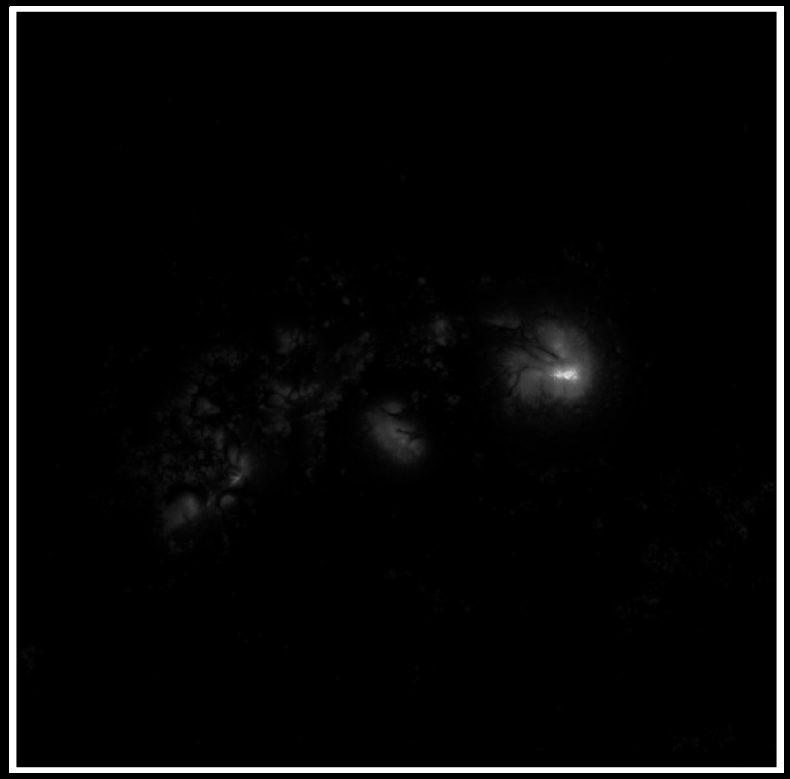
Meeting 20230413

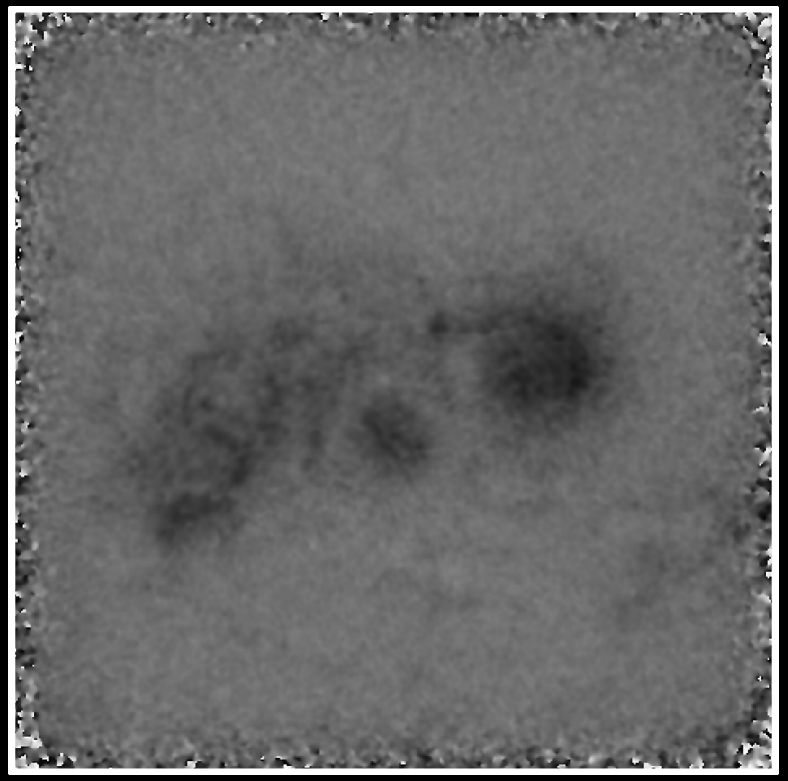
20140106_21 last week

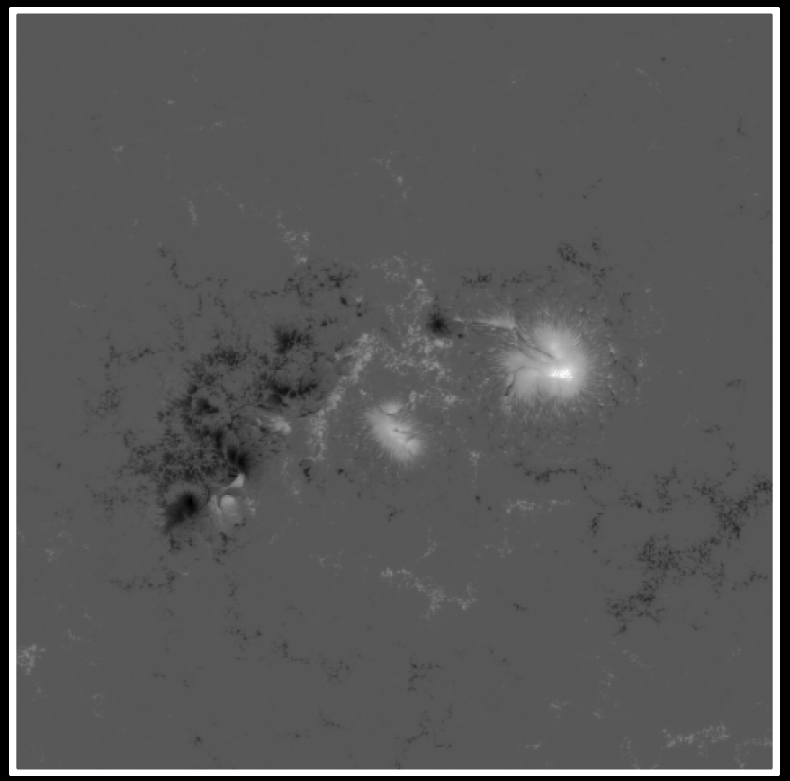




Mask VS SqMag

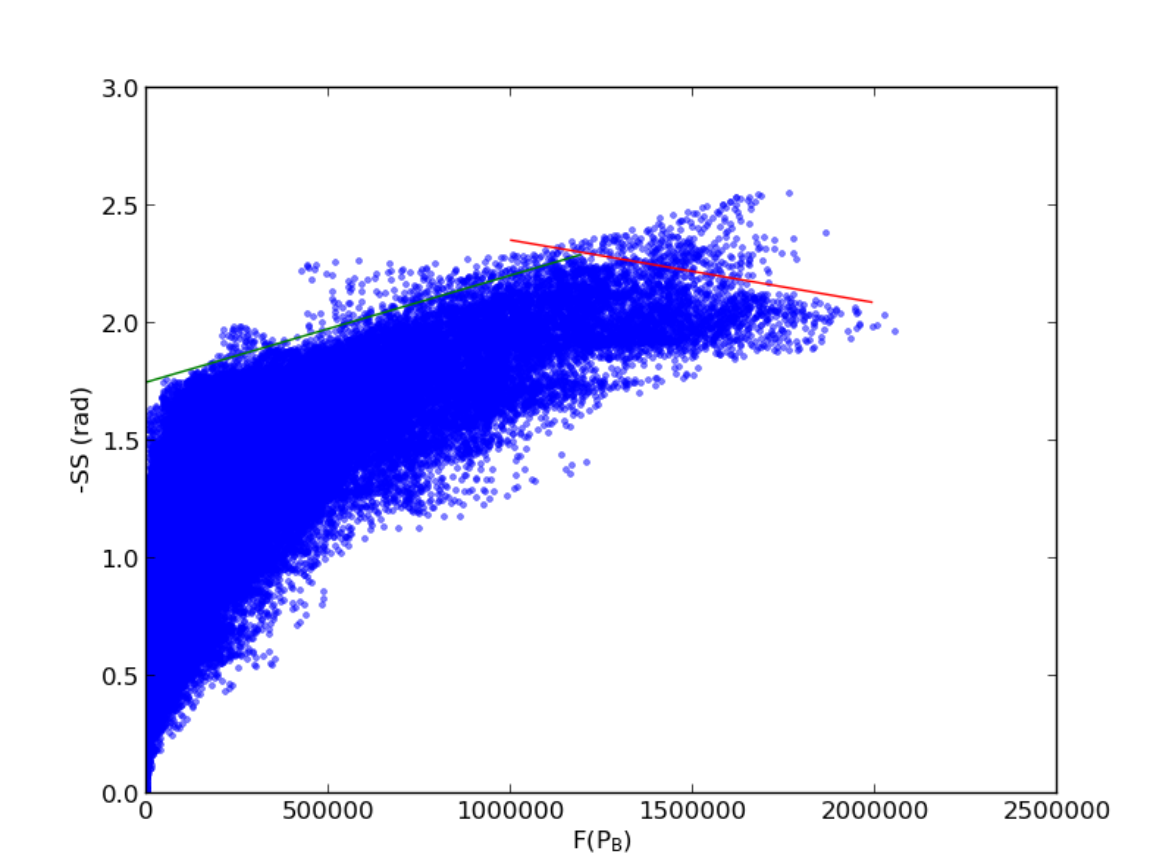
20140106_21 last week





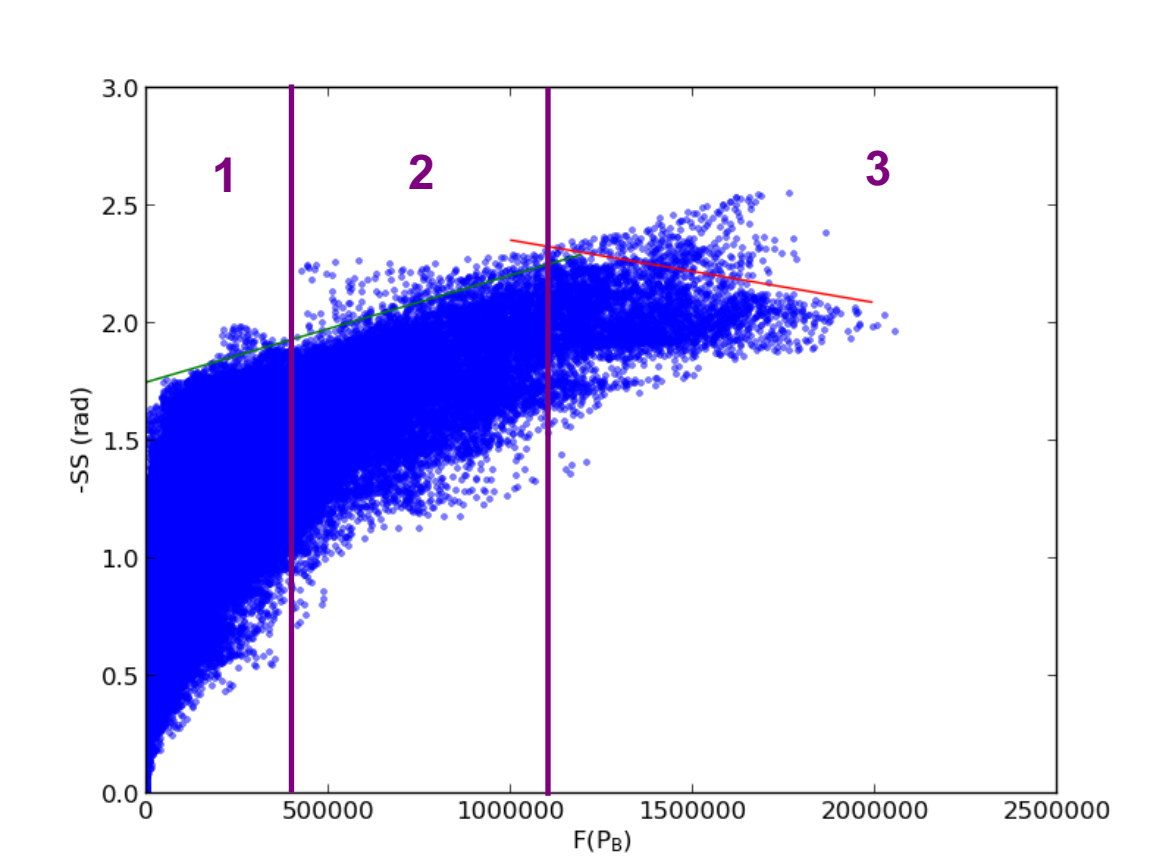
Phase VS MagPostel

20140106_21 last week



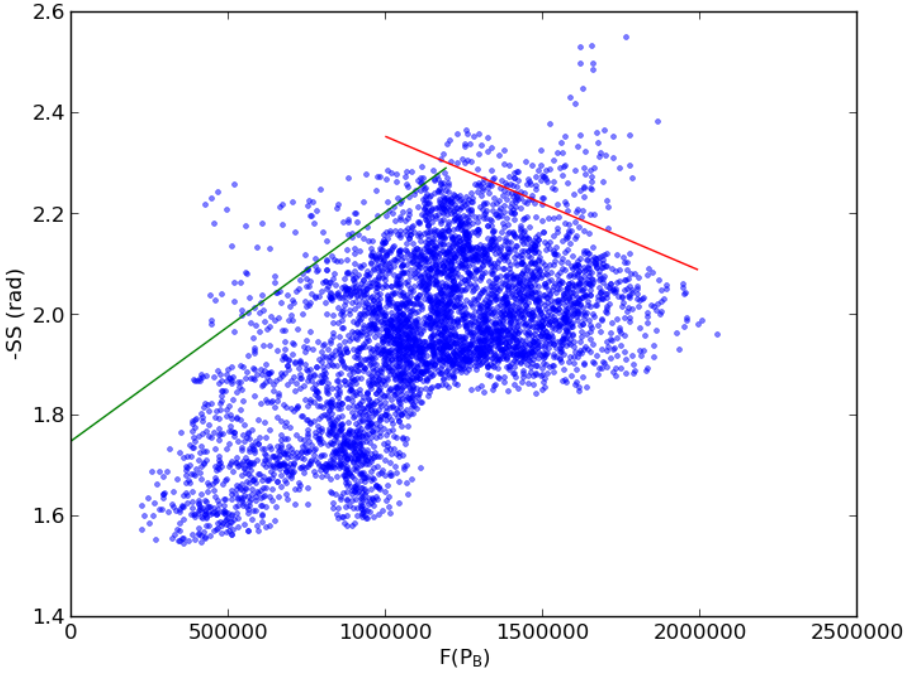
Scatter plot

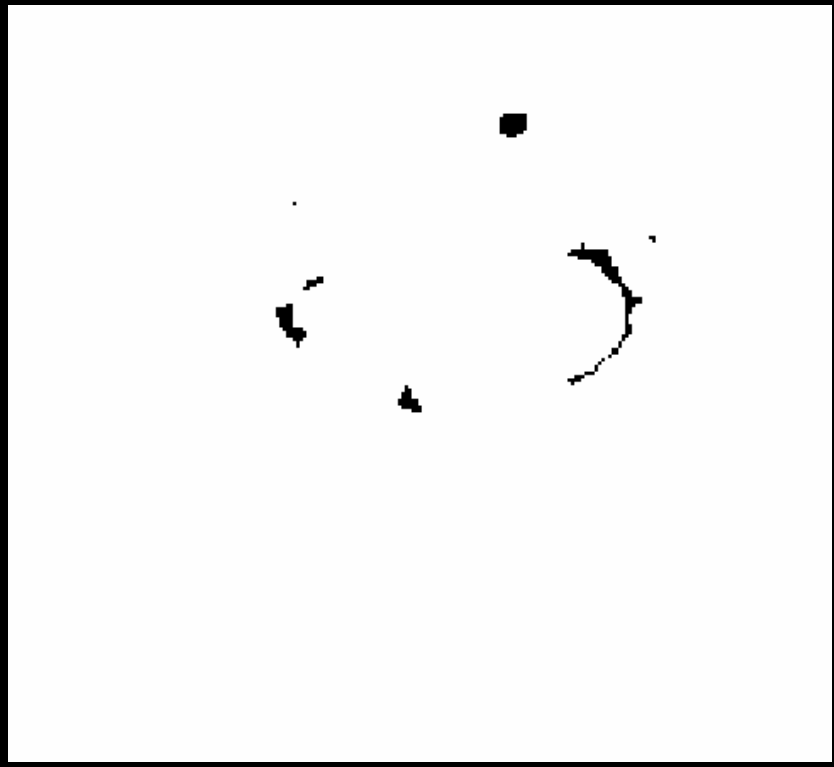
20140106_21 last week



Scatter plot

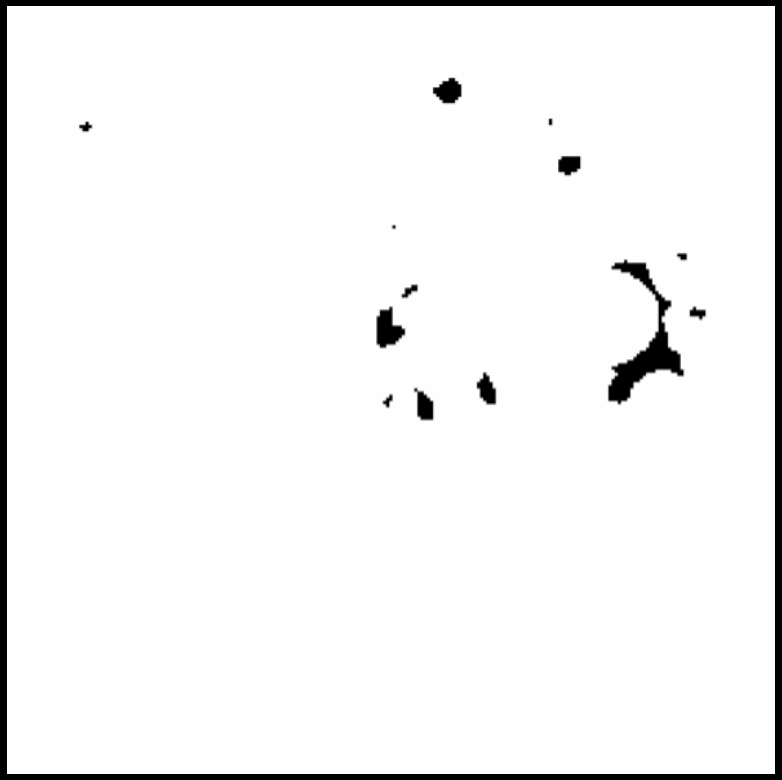
20140106_21 last week

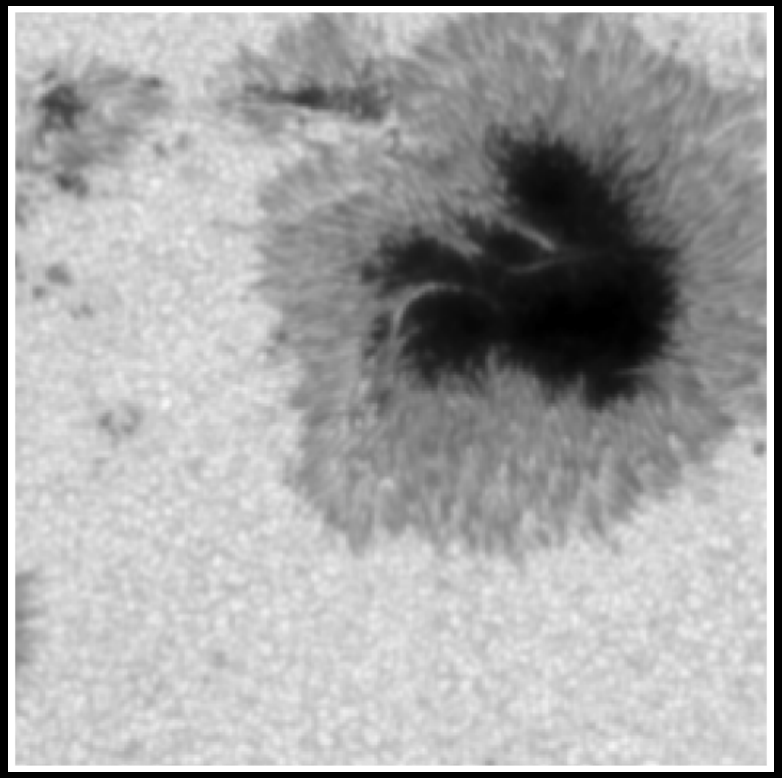




Scatter plot umbra VS features umbra

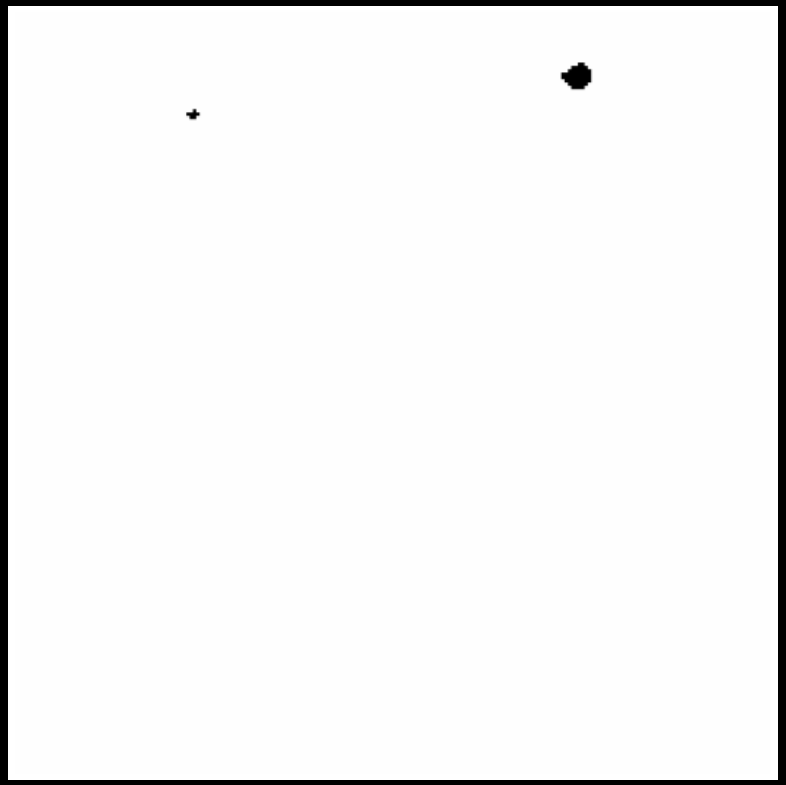
20140106_21 last week

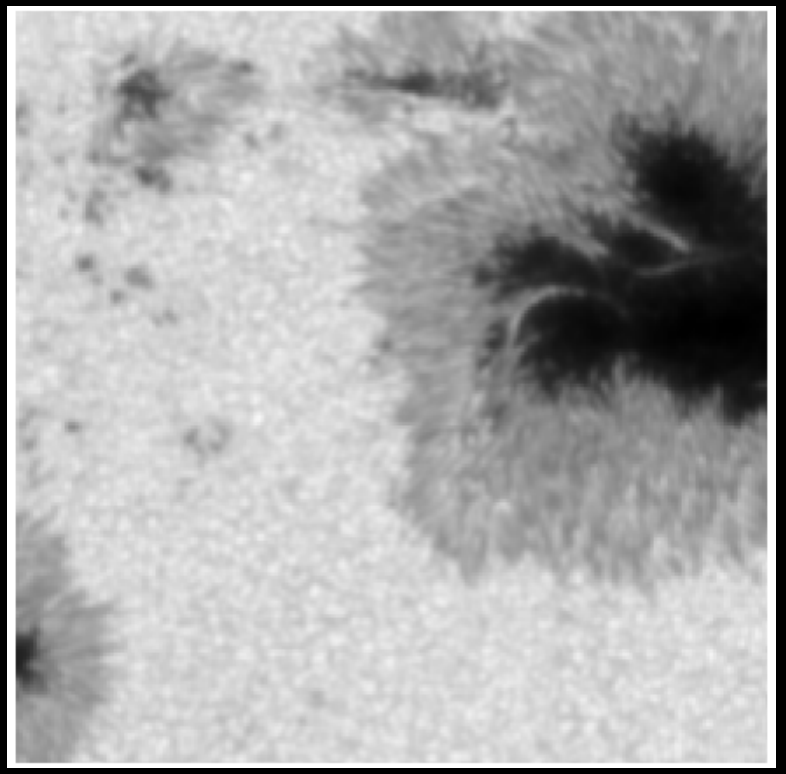




Features VS Cont

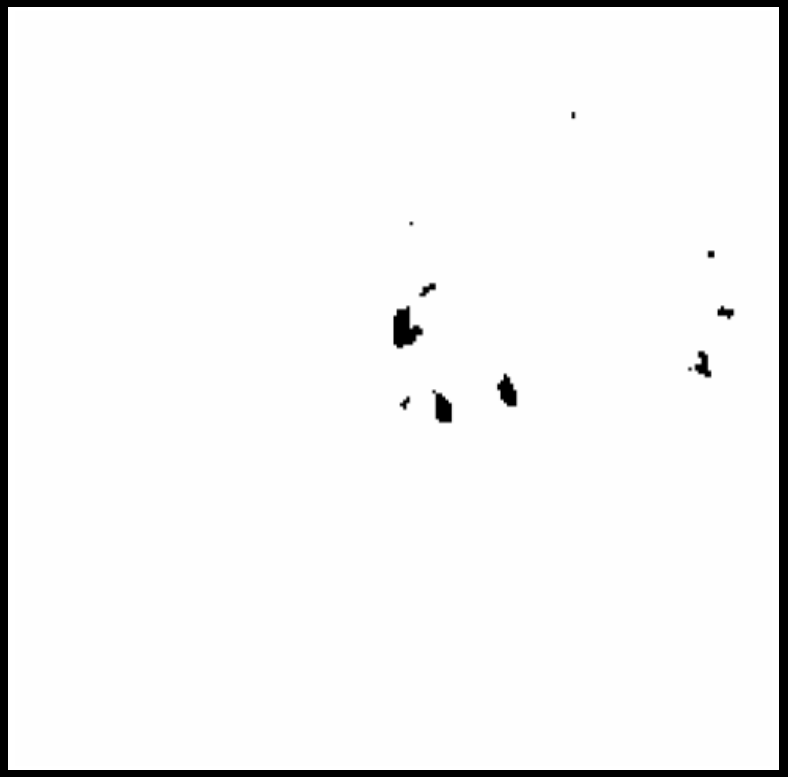
20140106_21 last week

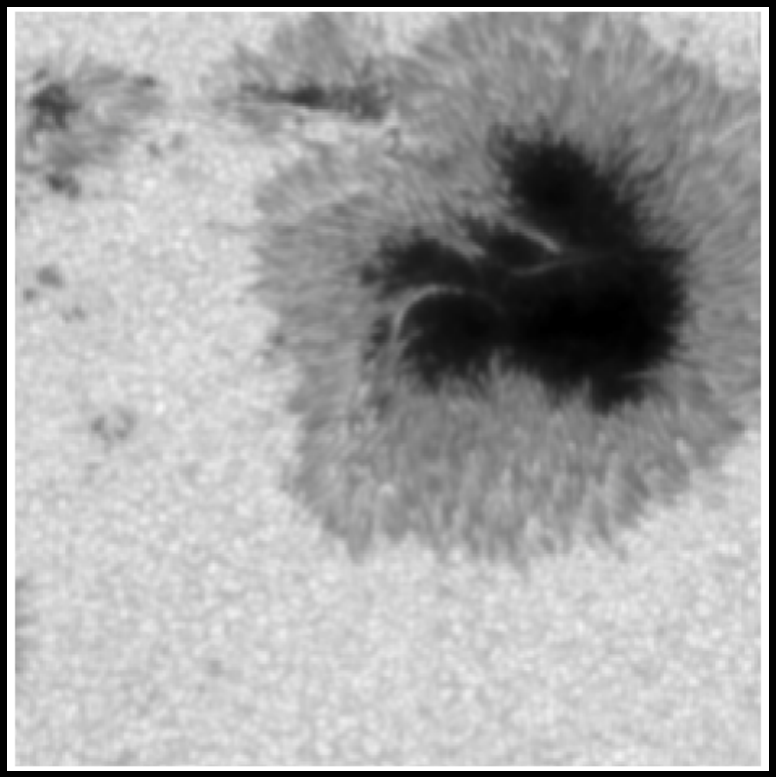




Features VS Cont 1

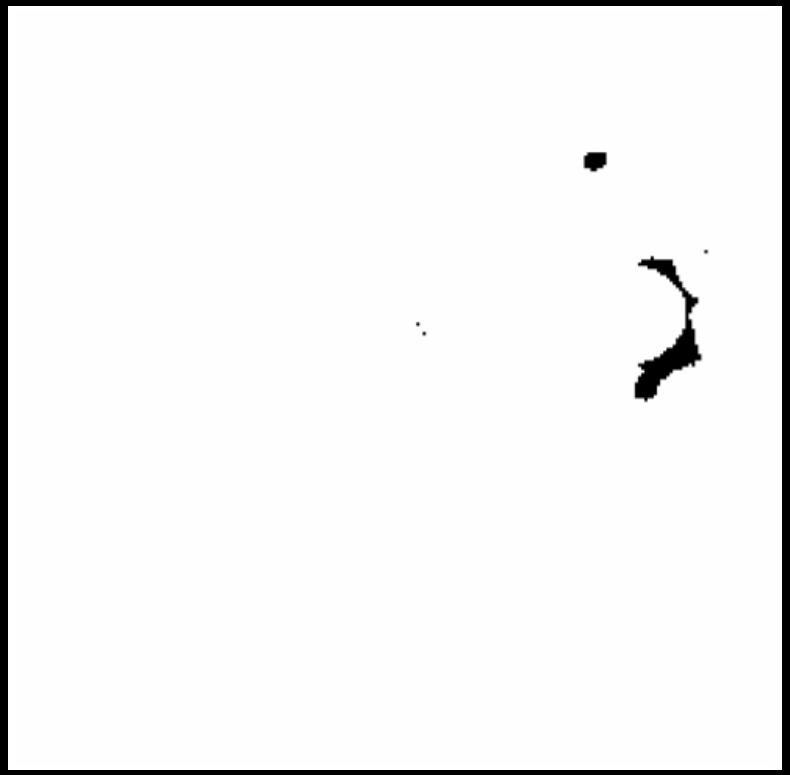
20140106_21 last week

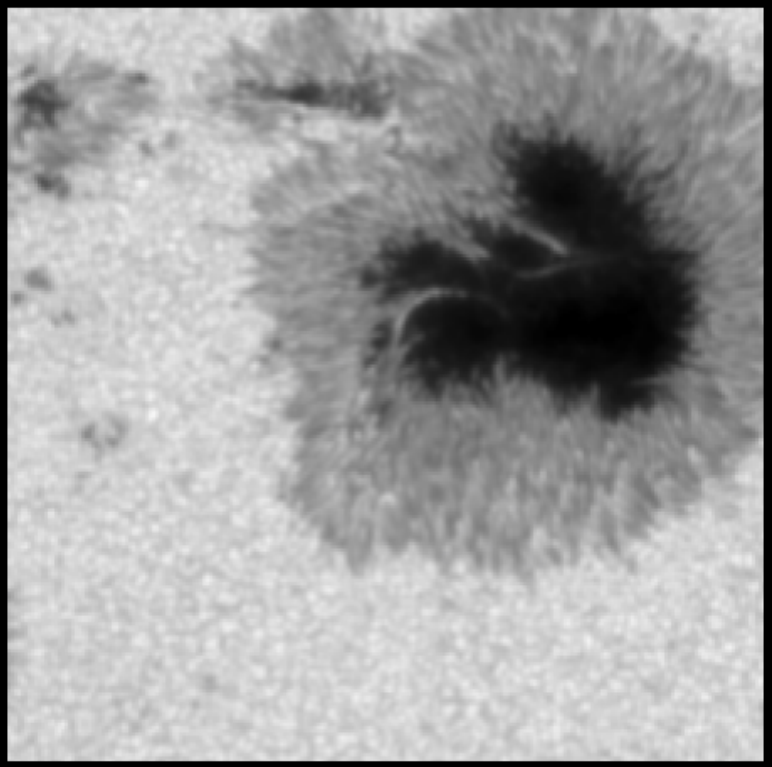




Features VS Cont 2

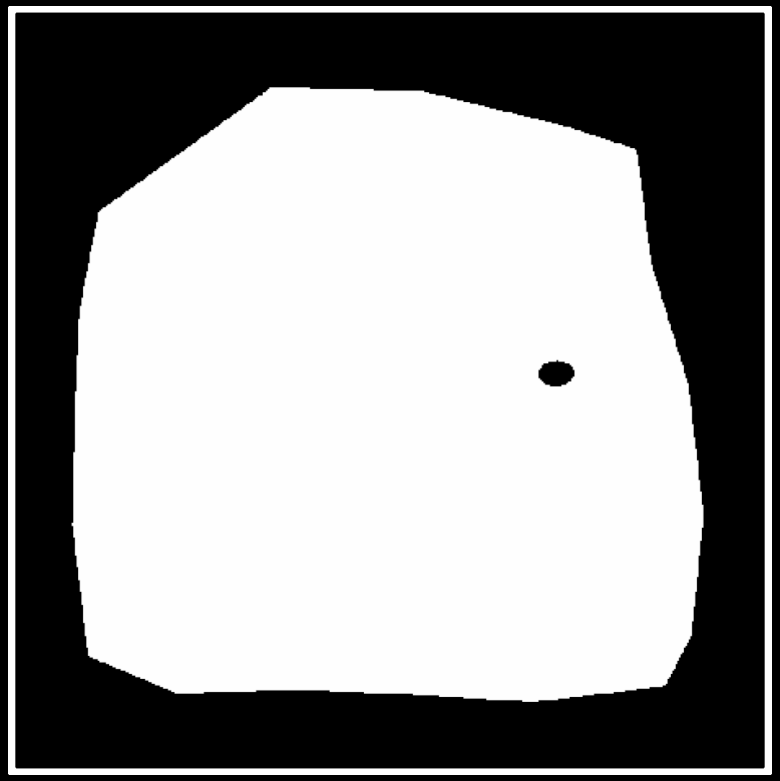
20140106_21 last week

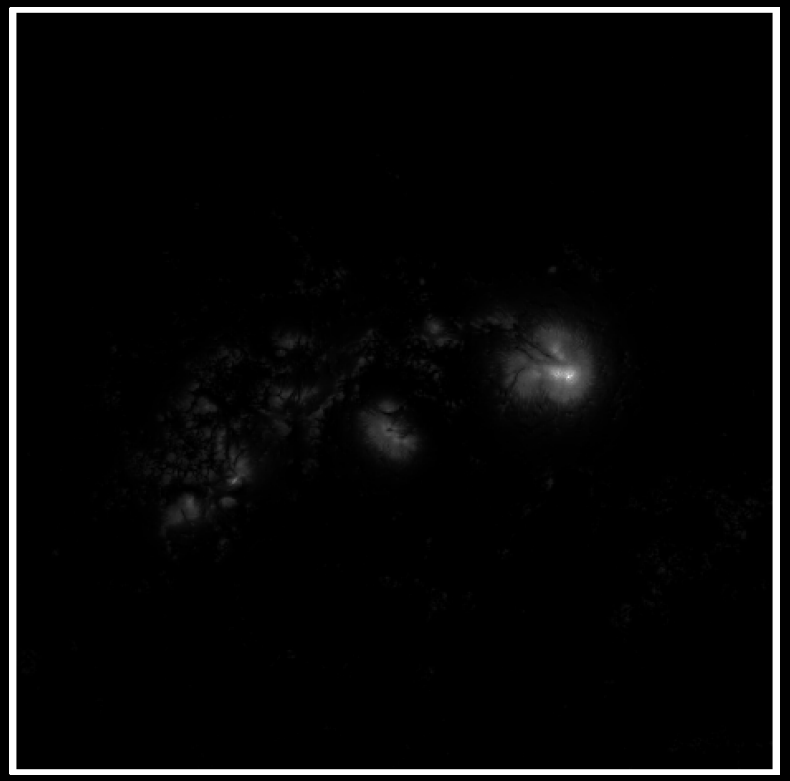




Features VS Cont 3

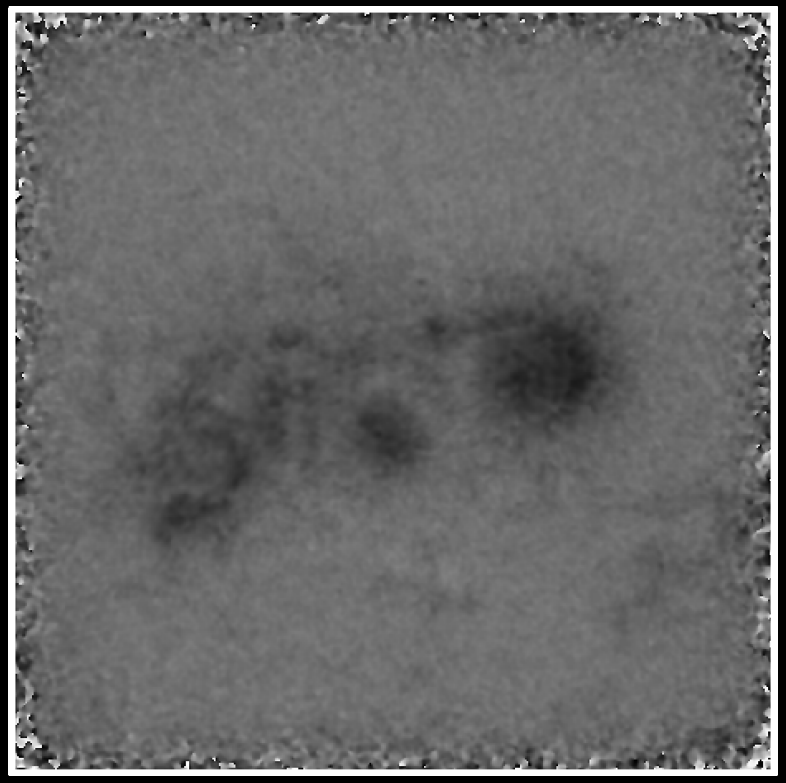
20140107_04 post flare

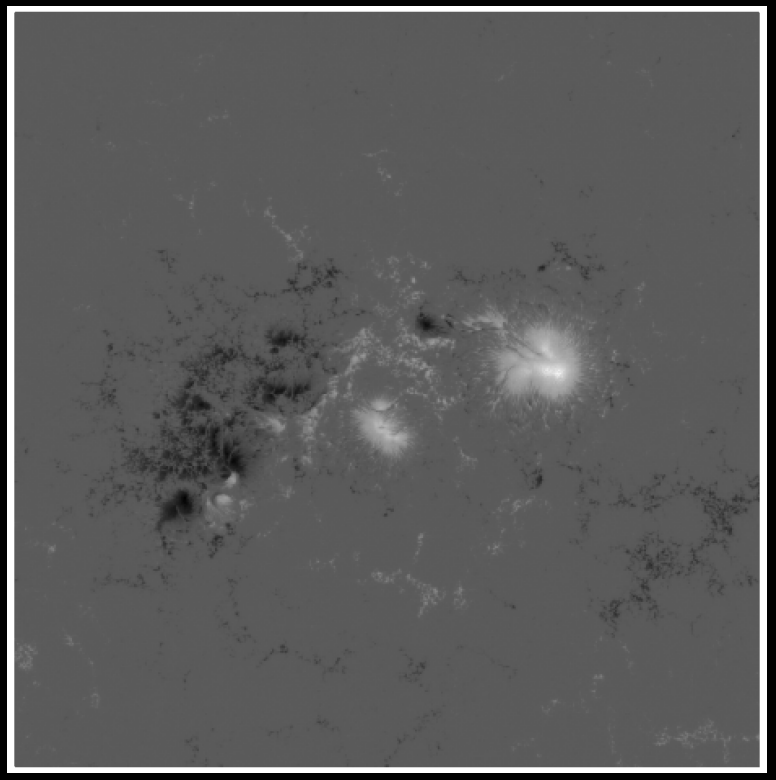




Mask VS SqMag

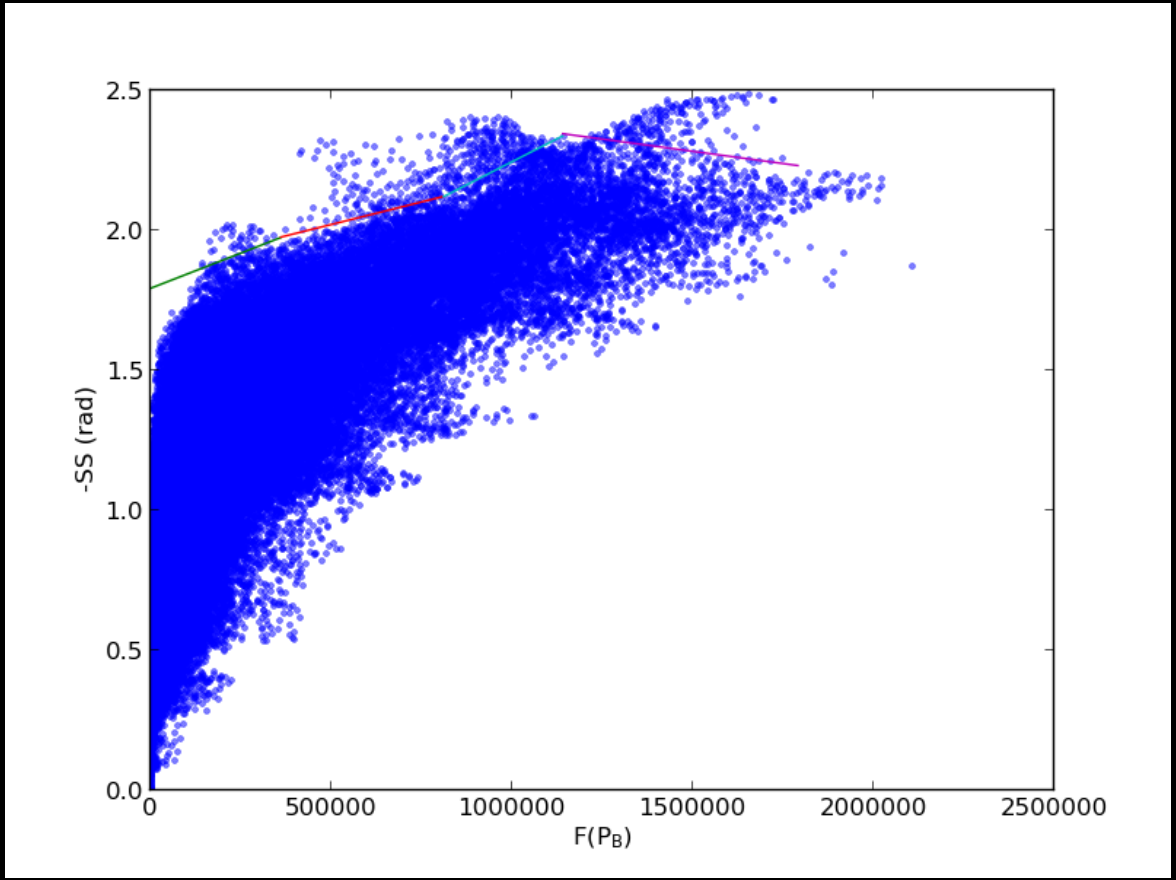
20140107_04 post flare





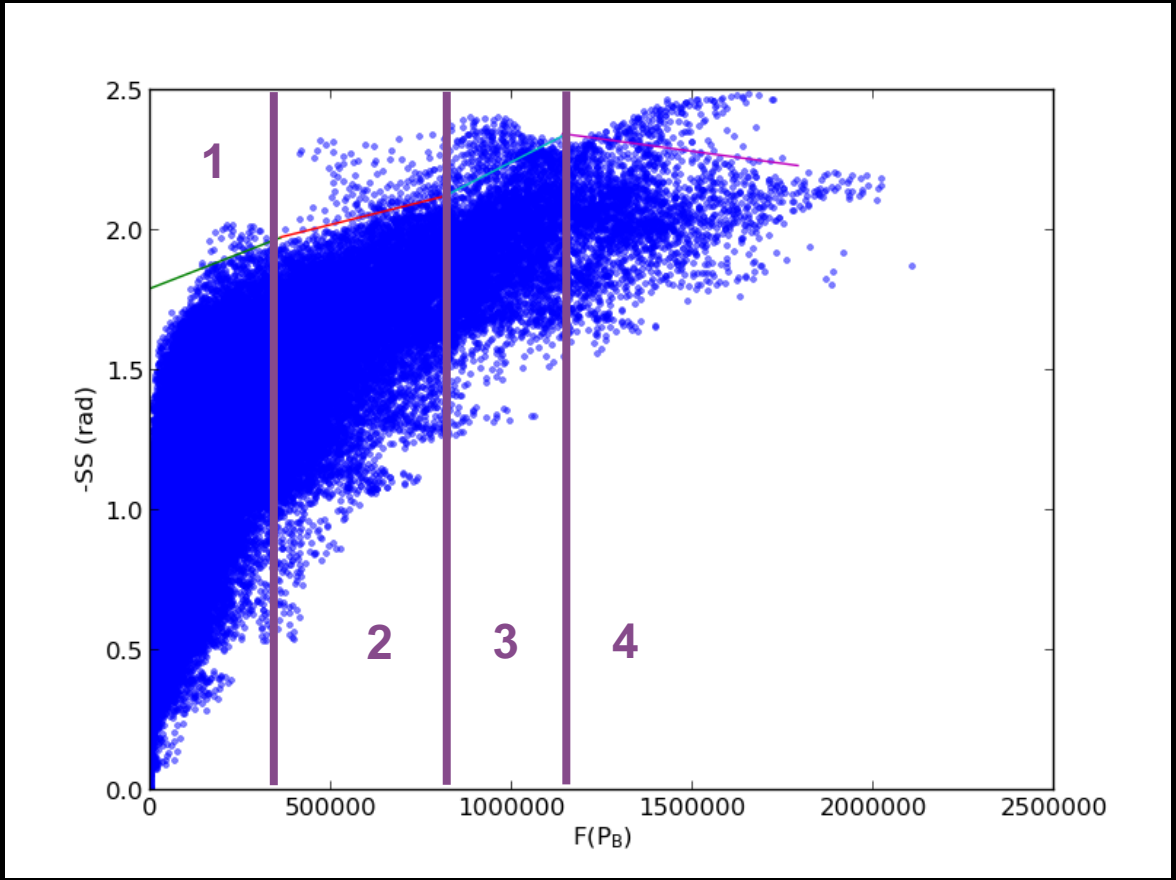
Phase VS MagPostel

20140107_04 post flare



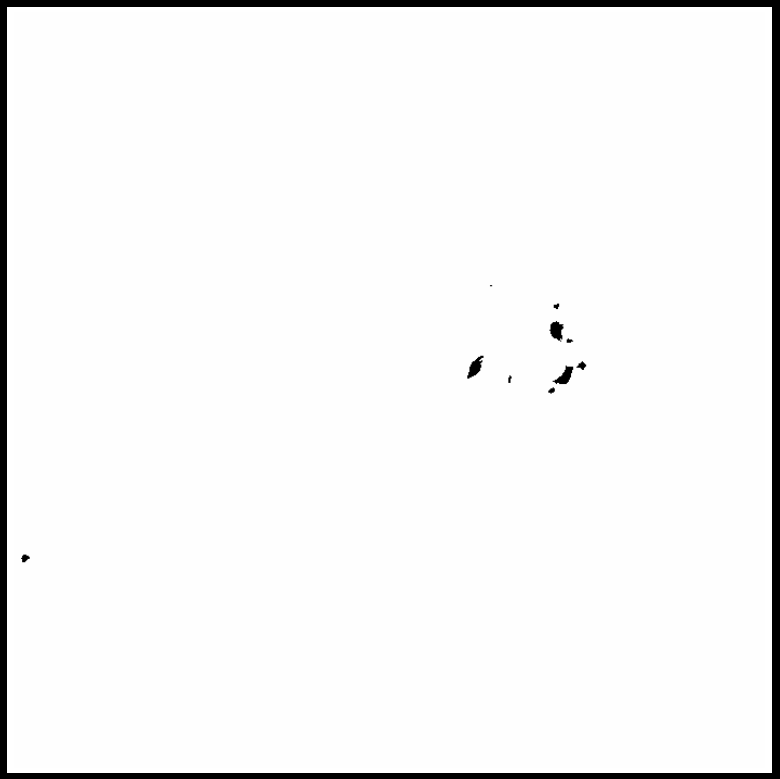
Scatter plot

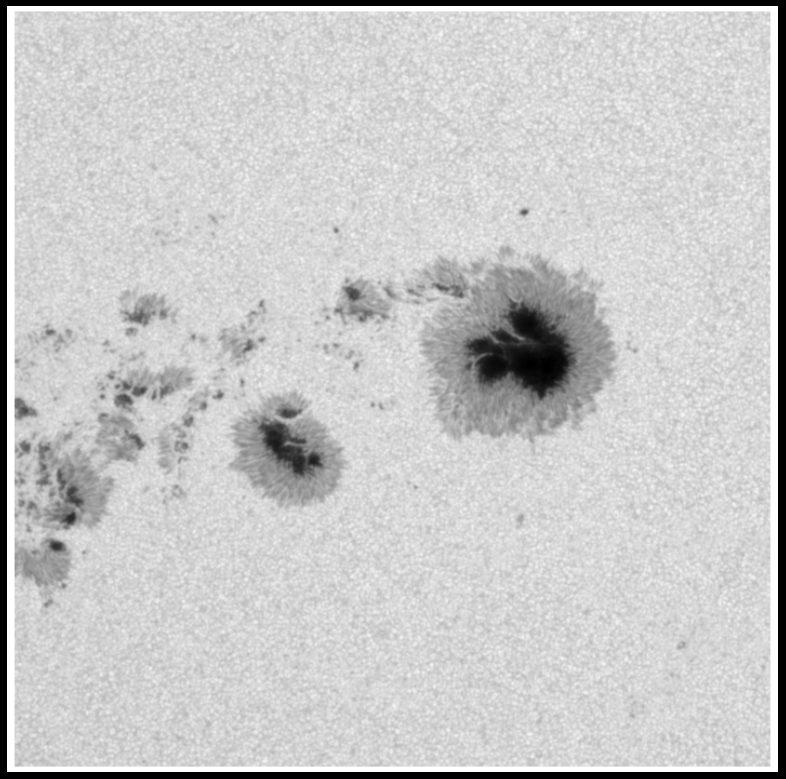
20140107_04 post flare



Scatter plot

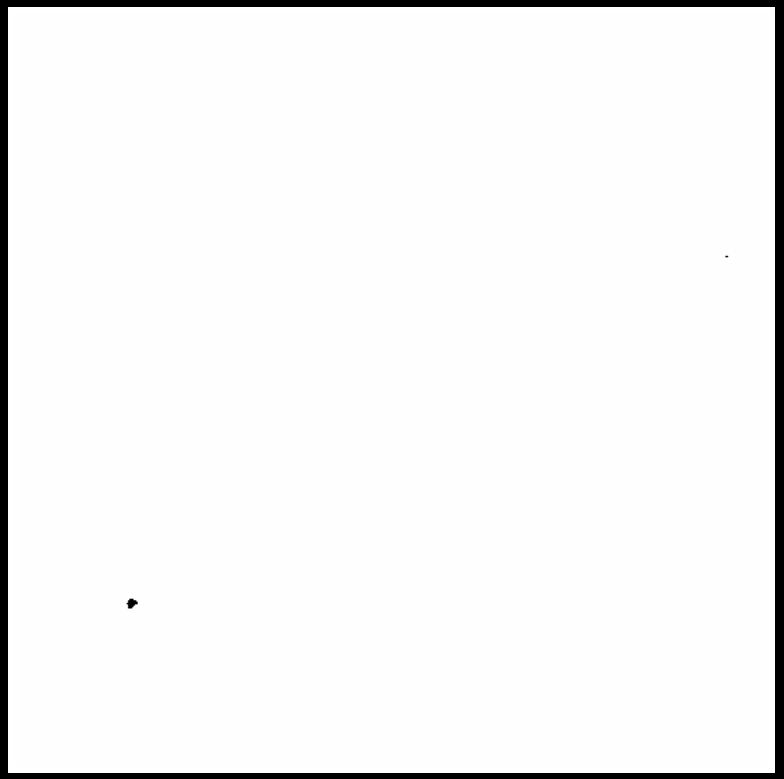
20140107_04 post flare

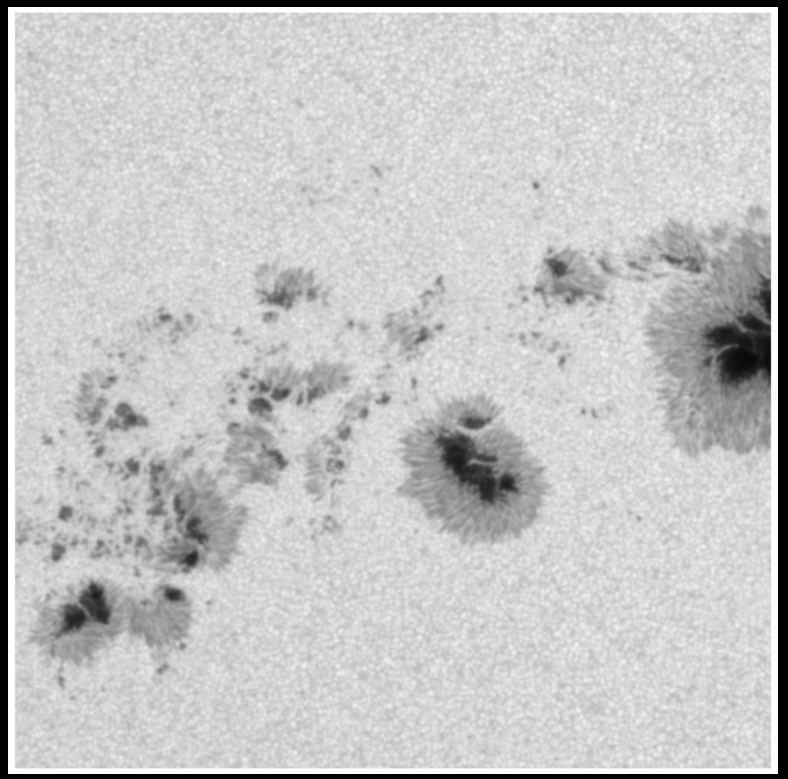




Features VS Cont

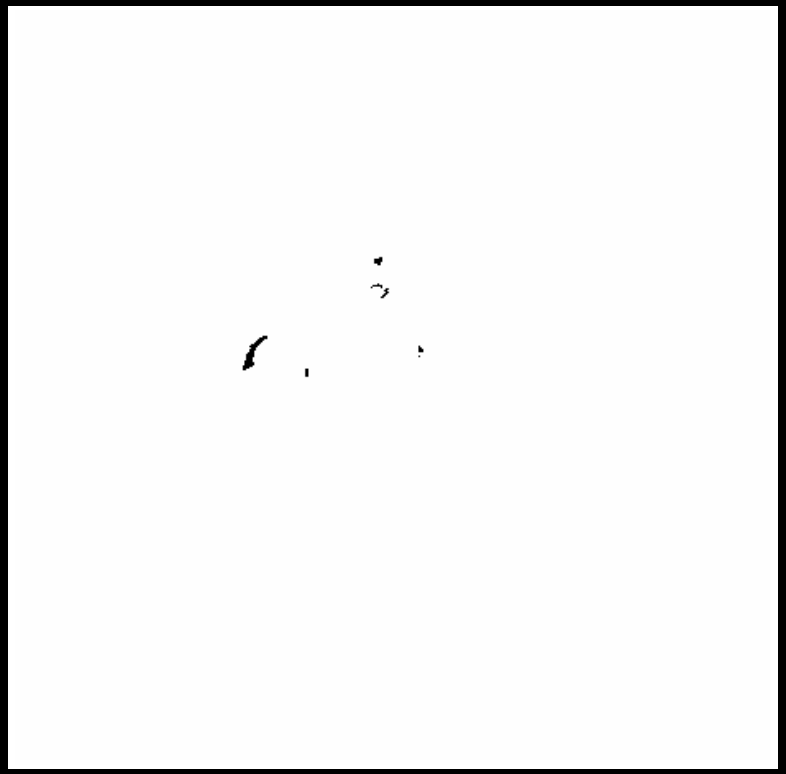
20140107_04 post flare

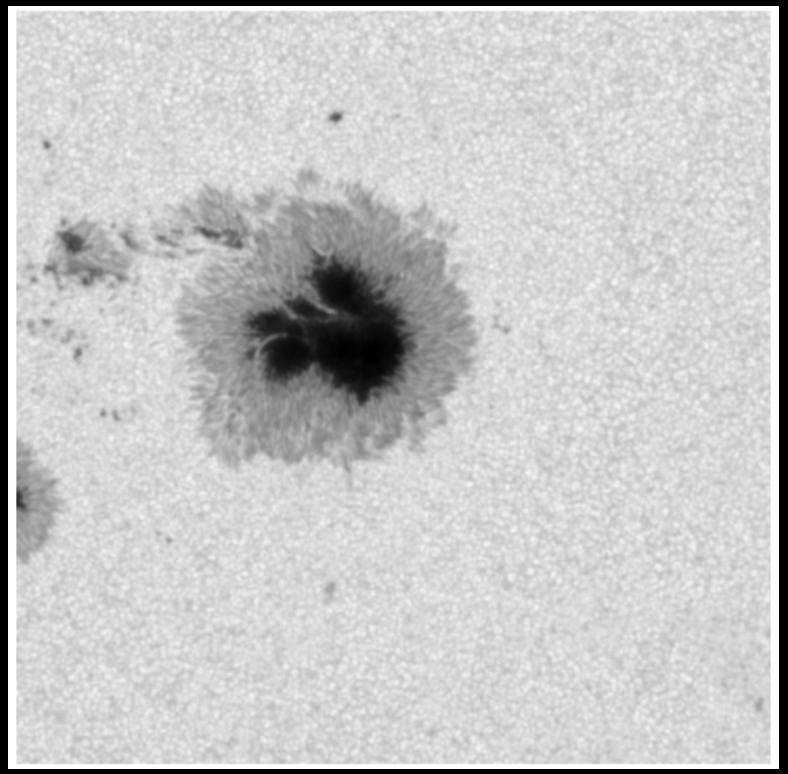




Features VS Cont 1

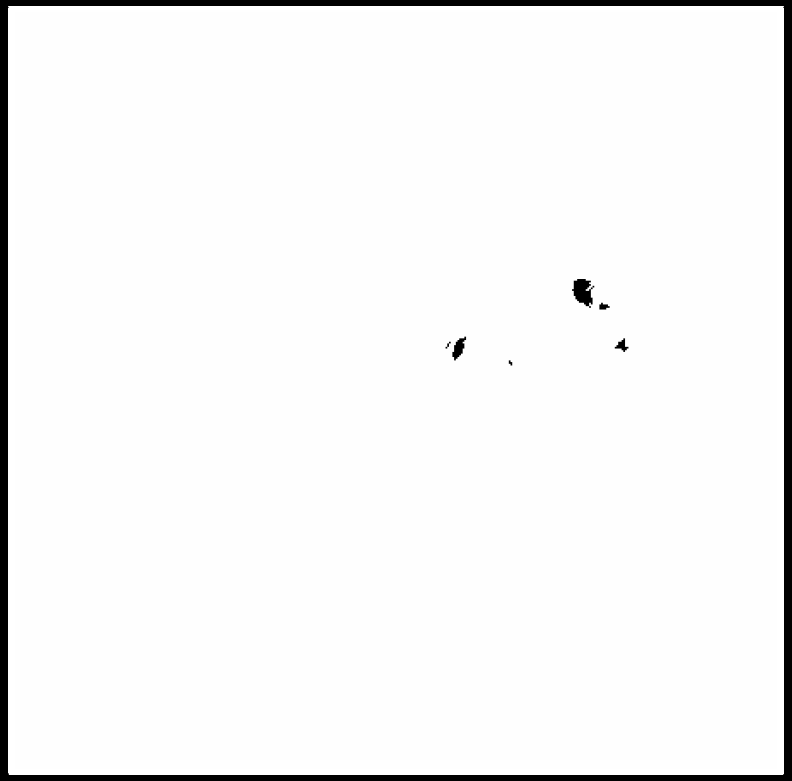
20140107_04 post flare

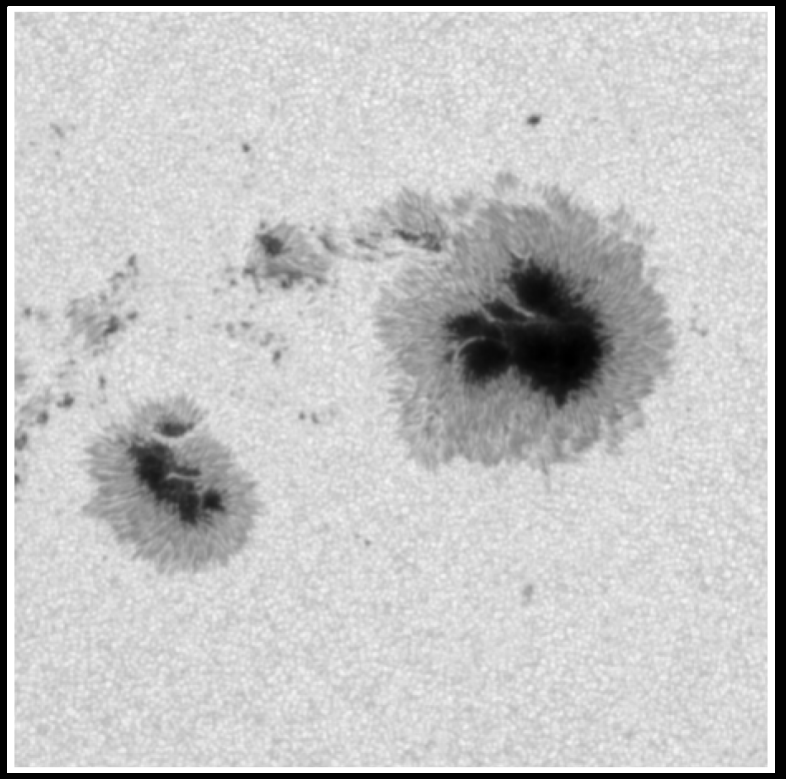




Features VS Cont 2

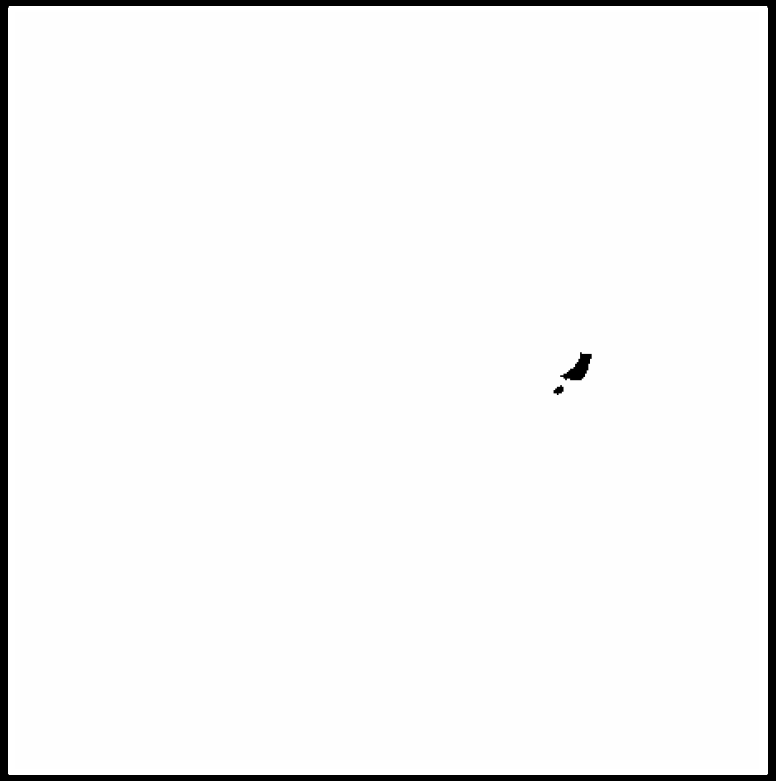
20140107_04 post flare

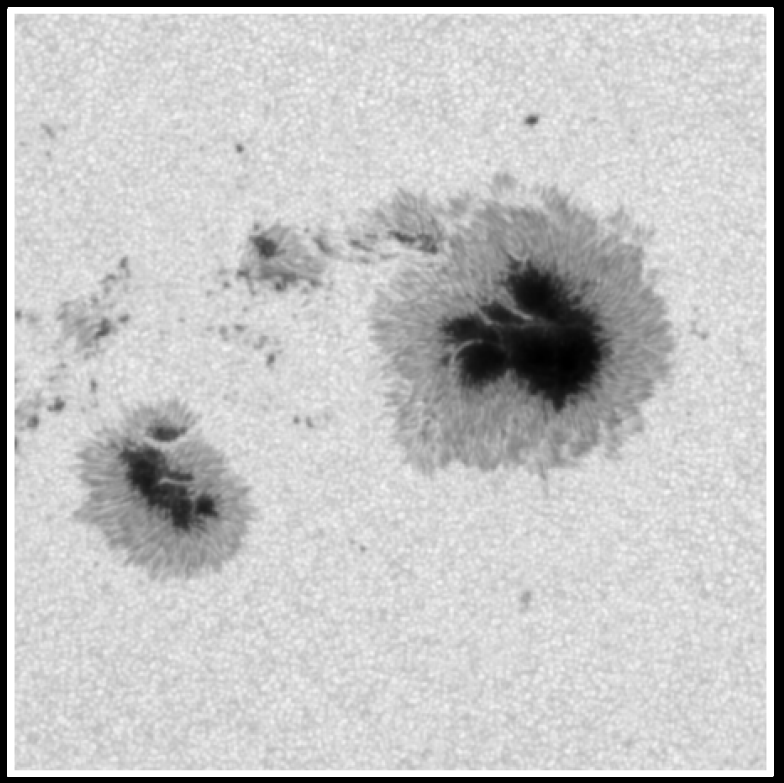




Features VS Cont 3

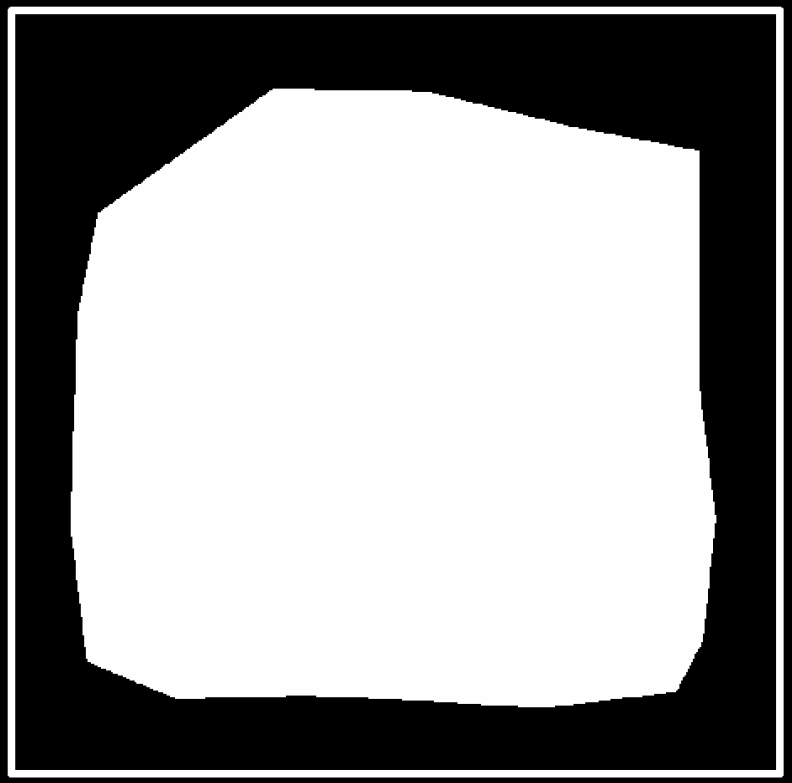
20140107_04 post flare





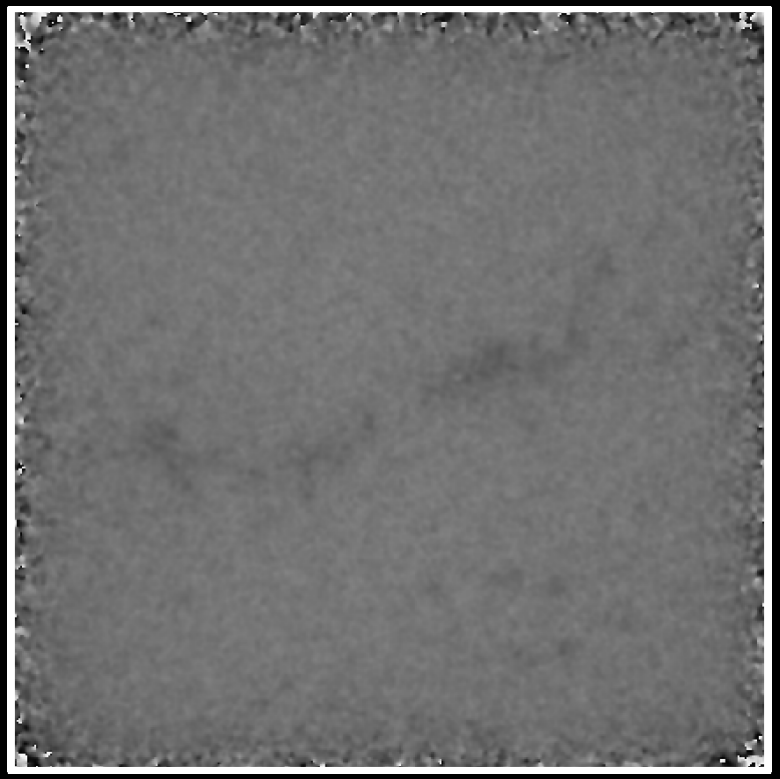
Features VS Cont 4

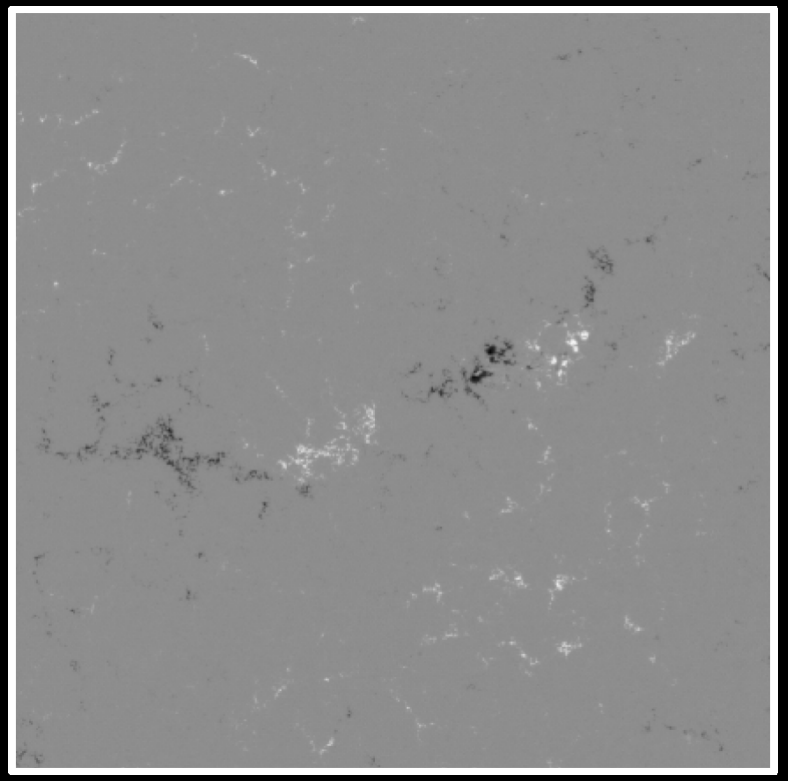
20140208_00



Mask VS SqMag

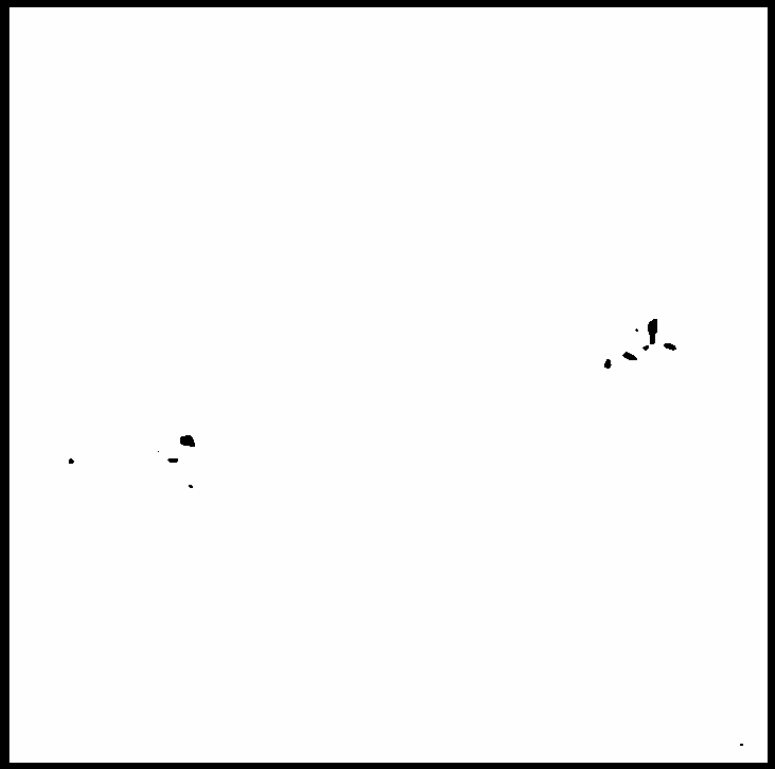
20140208_00

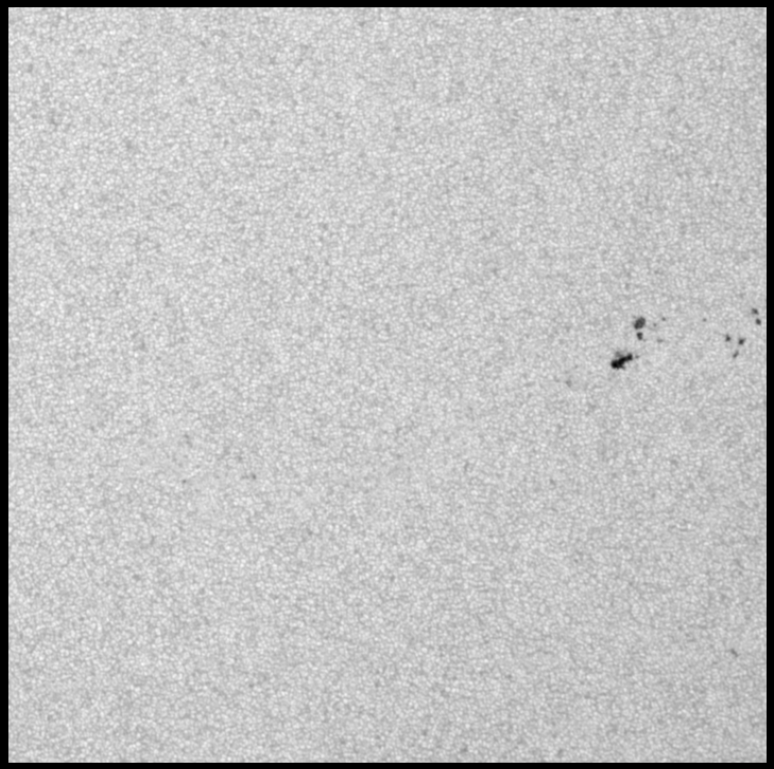




Phase VS MagPostel

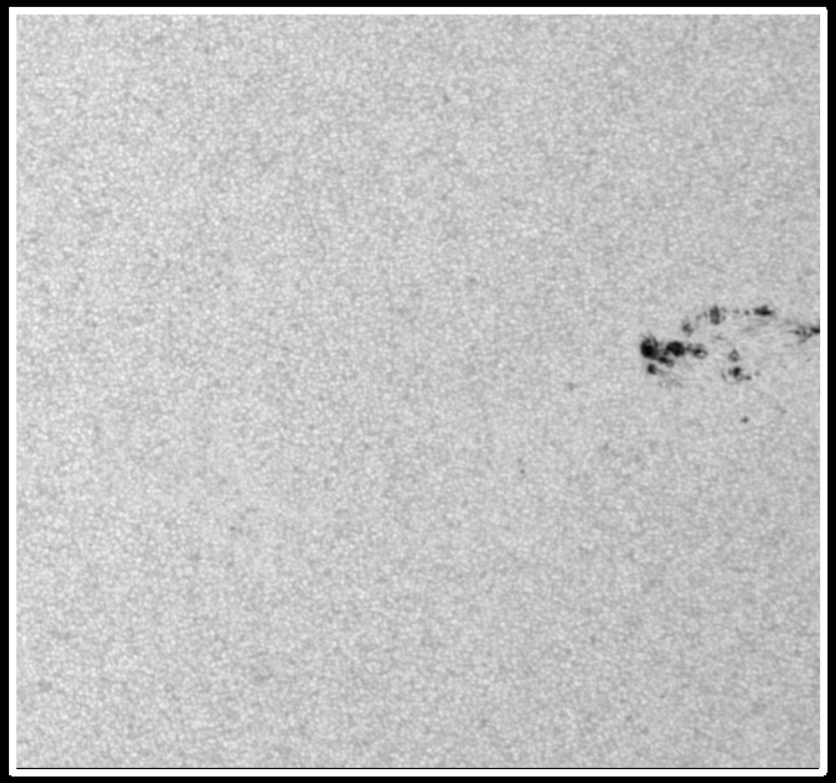
20140208_00





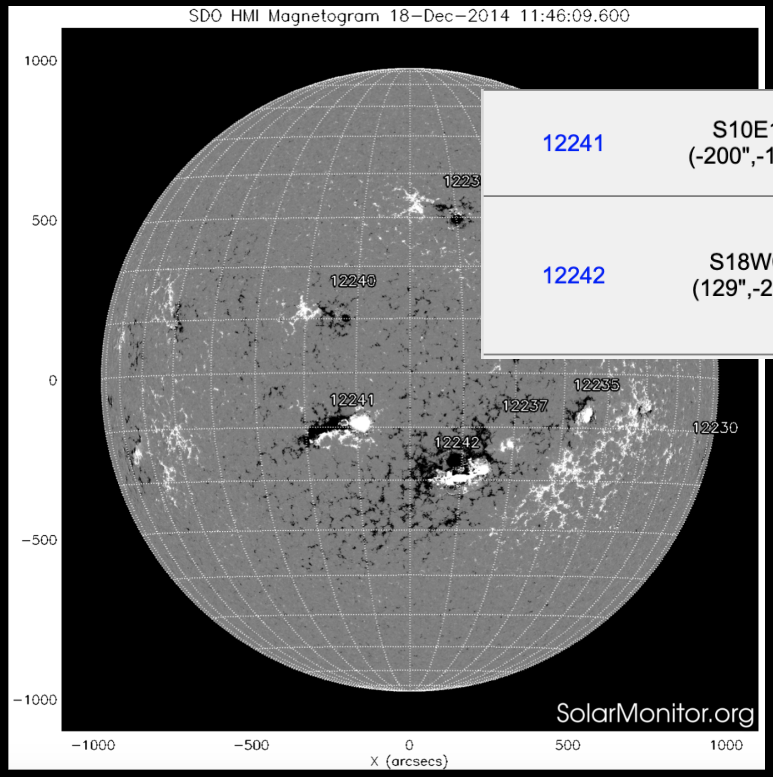
Features VS Cont

20140208_00



Features VS Cont 1day later

12241

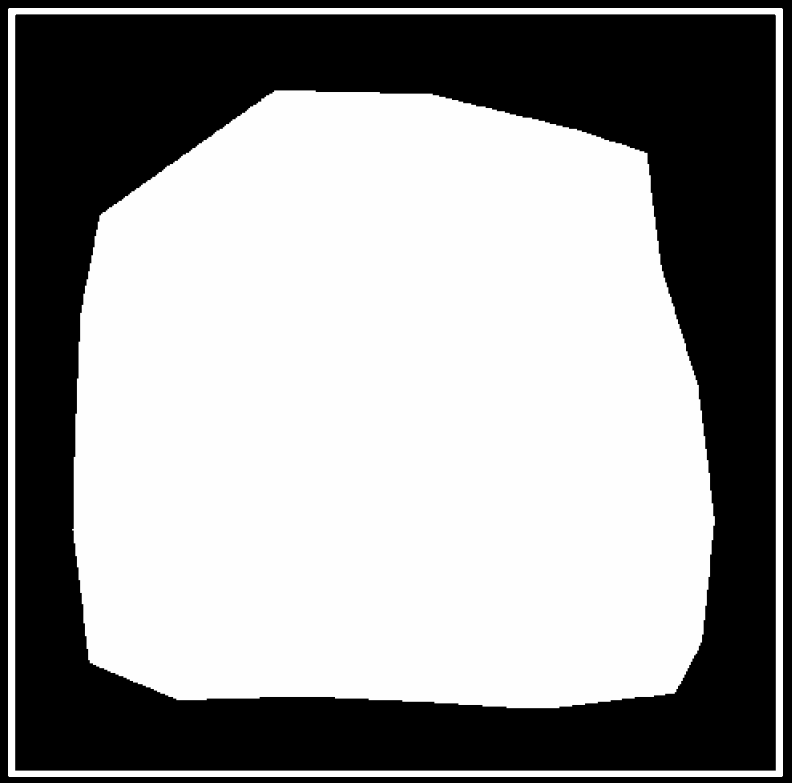


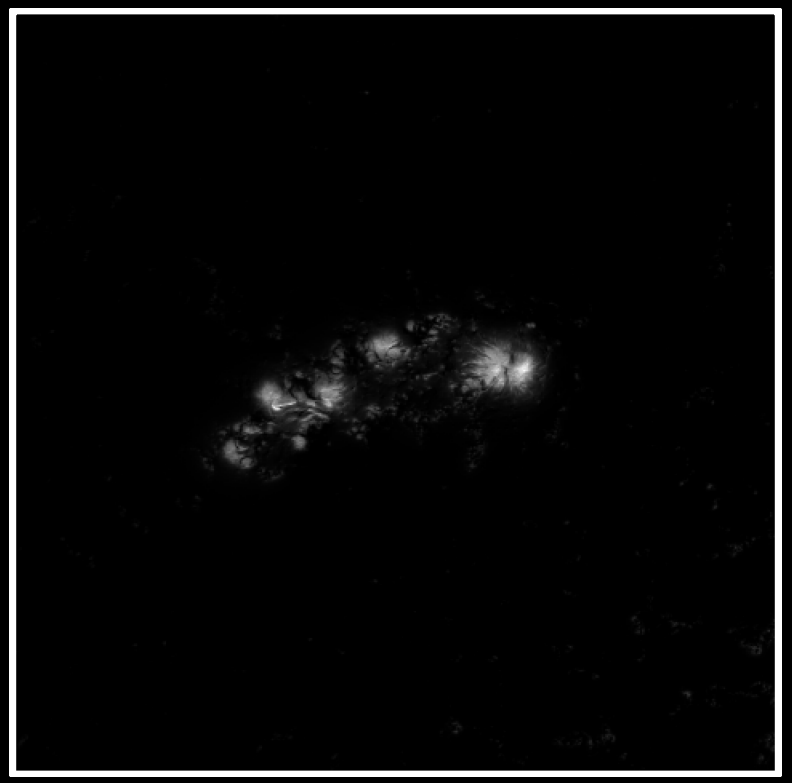
12241	S10E12 (-200",-148")	βγδ/βγ	Ekc/Eac	0390/0220	20/24	C5.6(02:31) C8.6(19:27) / M1.4(18:54) C6.7(15:51)
12242	S18W08 (129",-281")	βγδ/βγδ	Ekc/Dkc	0700/0630	26/25	C5.6(08:53) C3.2(22:43) C7.1(21:02) C9.8(14:56) / M8.7(04:25) M1.5(00:57)

· Done for 24h before main flare.

20141218

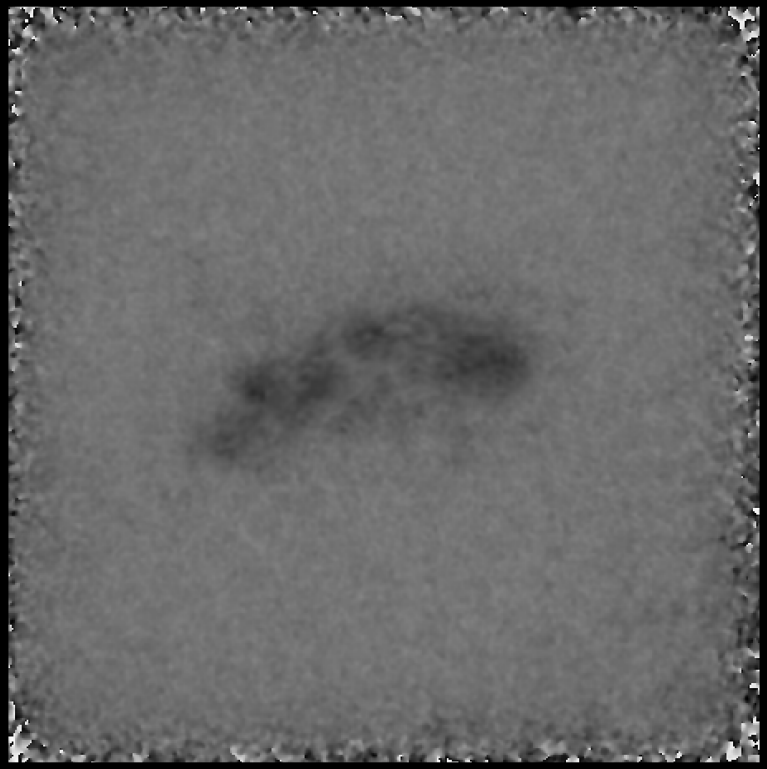
20141217_06

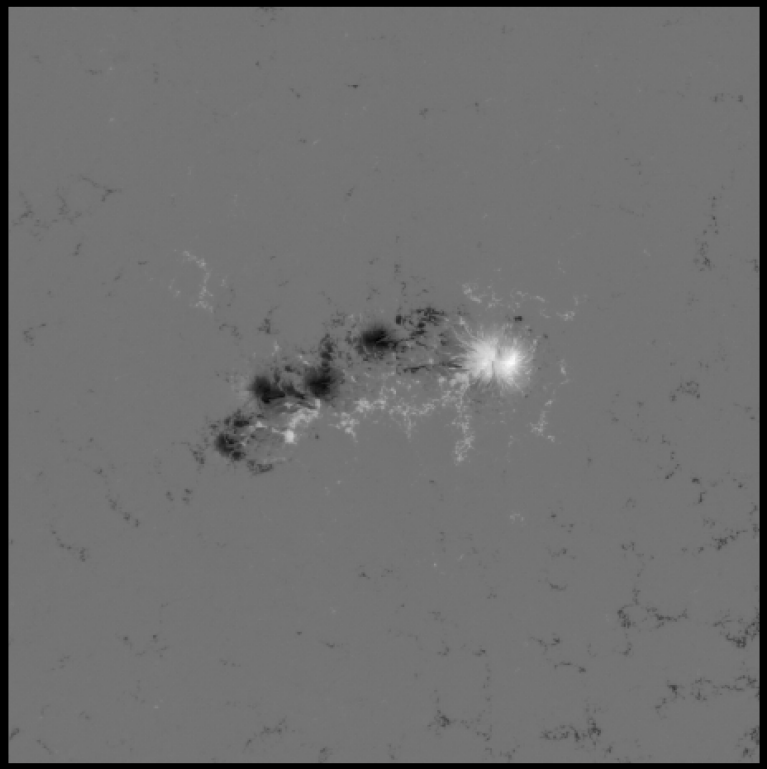




Mask VS SqMag

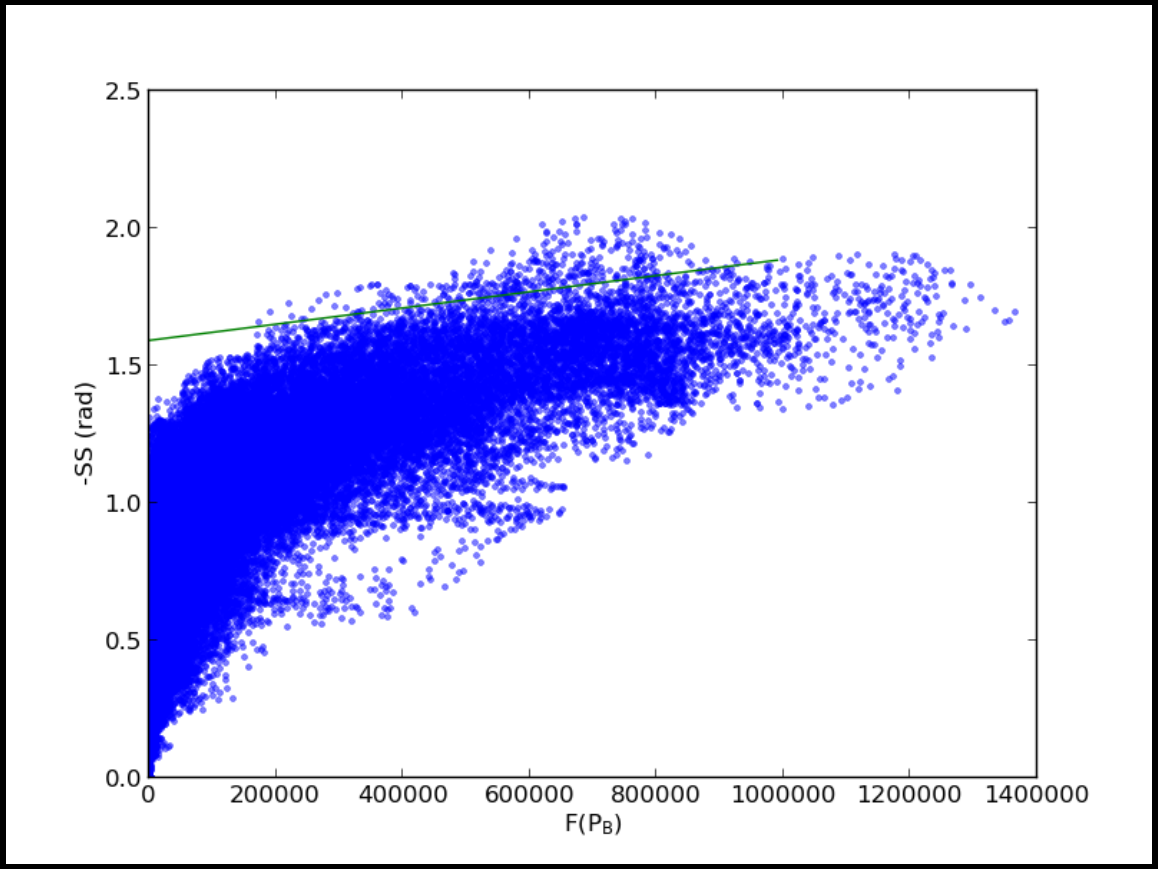
20141217_06





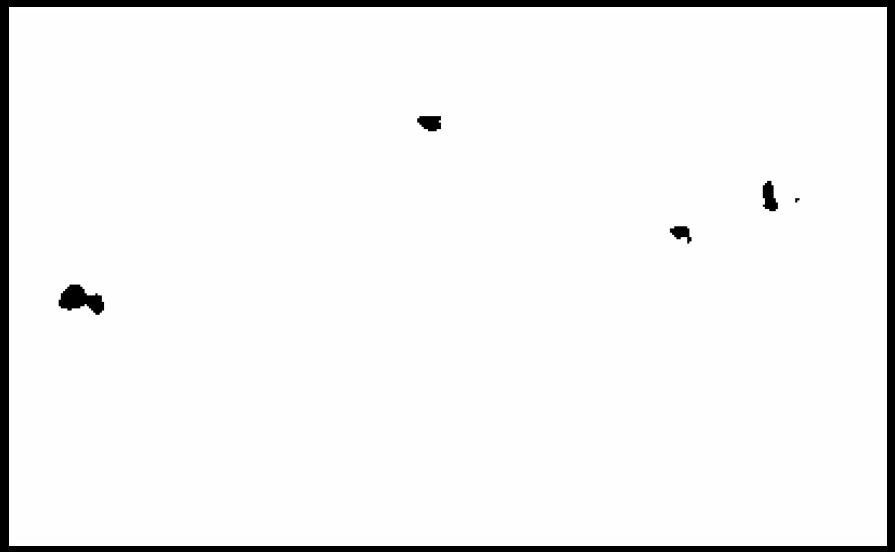
Phase VS MagPostel

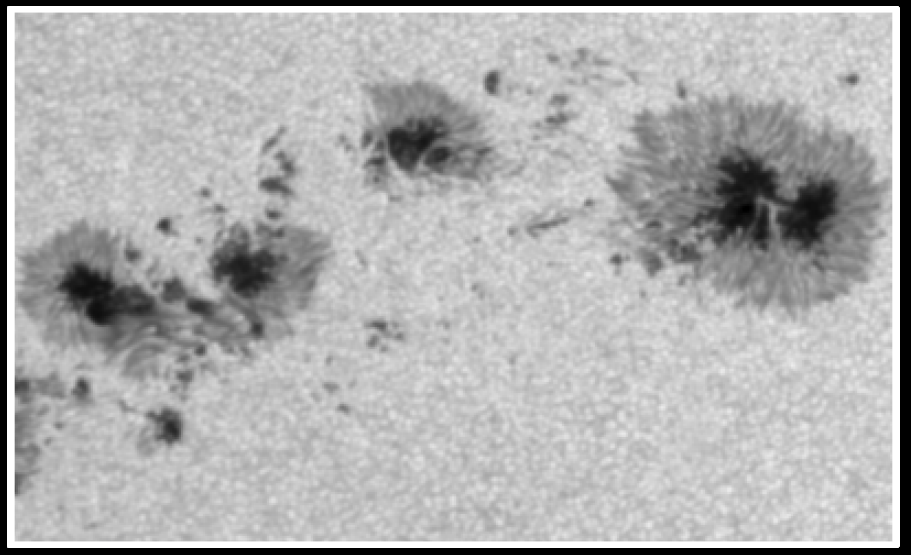
20141217_06



Scatter plot

20141217_06





Features VS Cont

Phase full nearside

Doubts with qsub:

· Ideas on how to split FRAMES?

Case TestScript1 (speeding the compresor):

```
# Generacion de los archivos que hacen falta para la ejecución
rm -f STACKLIST.txt MISSING_IMAGES_DOPP.txt
echo -n '' > MISSING_IMAGES_DOPP.txt

# Comienxa el bucle
for i in $FILELIST
do
    # Descompresion del archivo actual
    rm -f UNCOMP.fits
    current_date_time=$(date)
    echo "Precomp: $current_date_time"
    uncompress_sdo_export $DATDIR'/'$i UNCOMP.fits
    current_date_time=$(date)
```

Summary

1. New AR without sunspots have **STAINS? (STrong Acoustic aNomaly)** out of pores. Not related with emerging sunspots next day.

2. 24h after flare in last meeting AR some features are kept and some are lost or new.

3. AR with sunspots with similar STAINS? pattern.

4. qsub not speeding processes. Separating FRAMEs production in various processes and sending each on in a qsub?

Future work

1. More examples of same study.

2. Calculare llocal ingression control correlation of anomaly and study dependance on Θ_P to see if its an effect of the inclination of the magnetic field.

3. Work on speeding up the scripts for nearside full disk phase maps.

4. Publication?