Digitization of ETH (Zurich) Sunspot Drawings

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June 18, 2019
Sunspots drawings at ETH

• Total material: the sunspot drawings start on 21 Dec. 1883 (sheet nr. 1) by Alfred Wolfer and end on 27 Dec. 1996 (sheet nr. 29296) by Hans Ulrich Keller

• The drawings up through 1937 have been digitized as images

• I have counted sunspot groups on all the images and constructed a daily digital dataset

• 1887-1937: 13024 observations, 42510 groups

• Need to do the rest…
Groups, spots, and faculae
Cycle 14 Peaks
Comparison with RGO

Yearly Means

Graph showing yearly means with data points for ETH and RGO.