

Digitization of ETH (Zurich) Sunspot Drawings

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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...

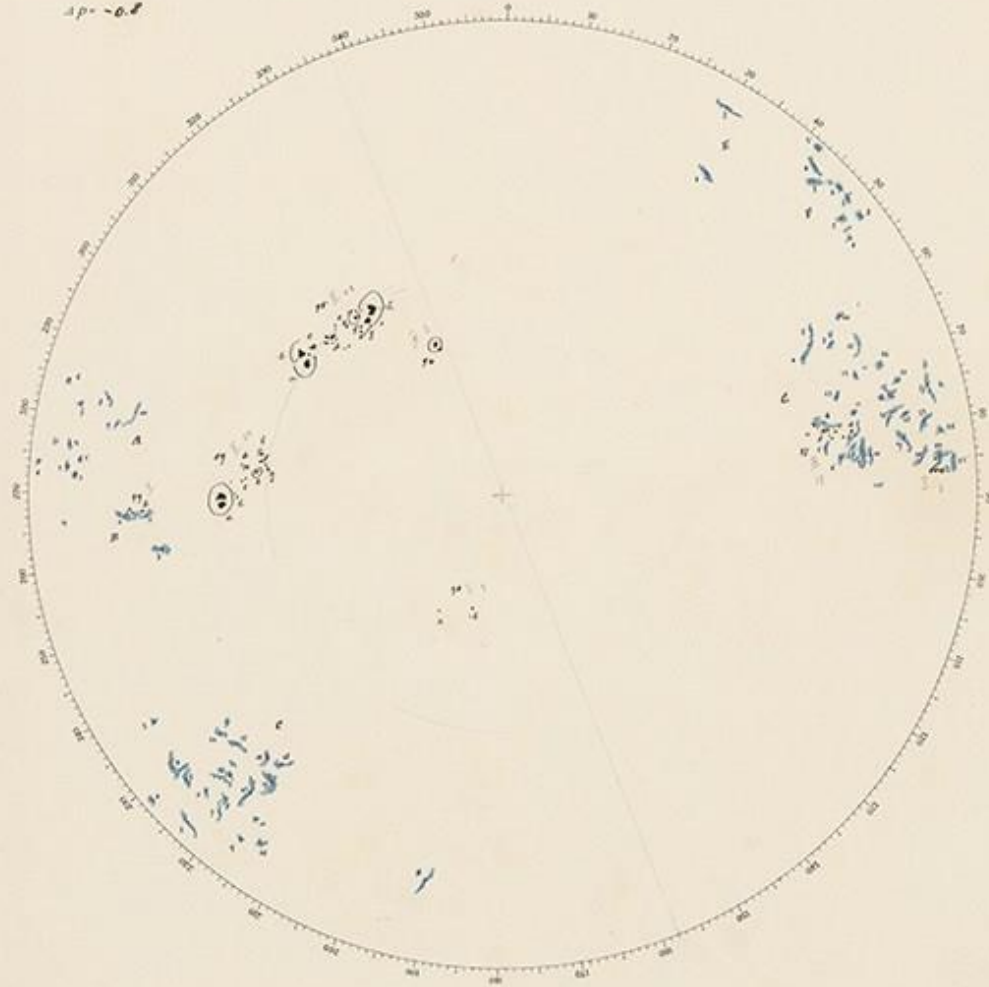
1894 IV 3. 300

$L_s = 23^\circ$
 $B_s = -4.1$

N^o 4570

mag. 3

ap. -0.8

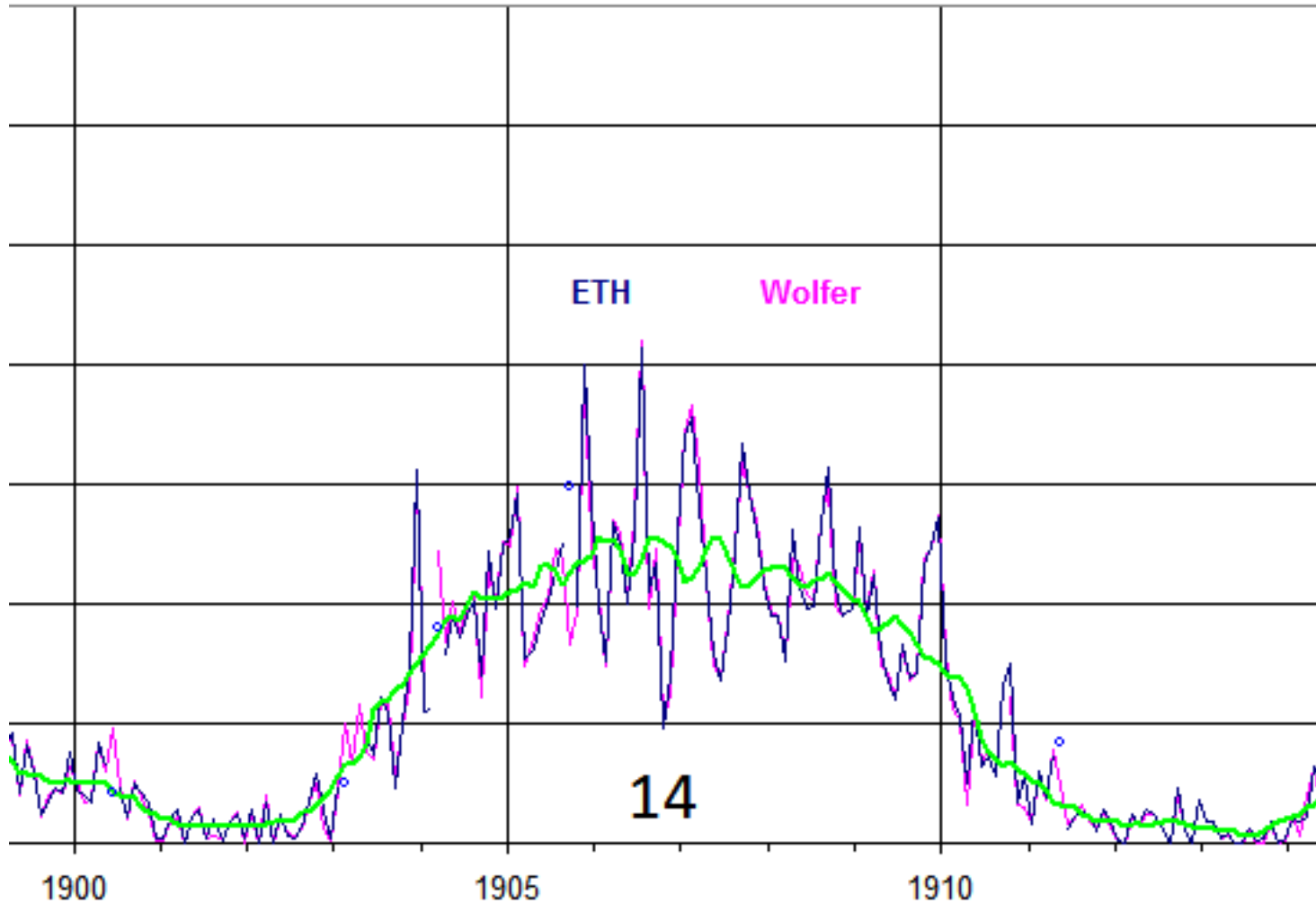


1894-04-03

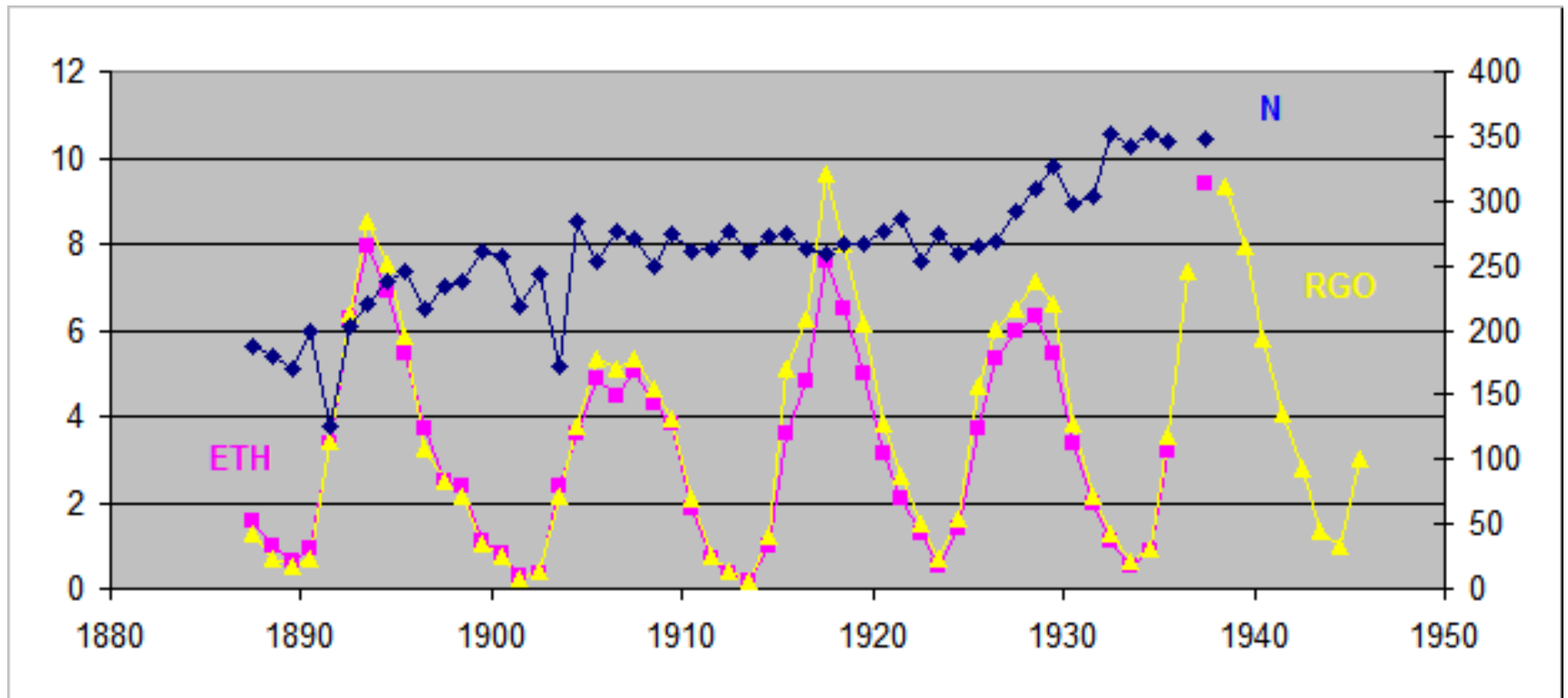
Groups, spots,
and faculae



Cycle 14 Peaks



Comparison with RGO



Yearly Means