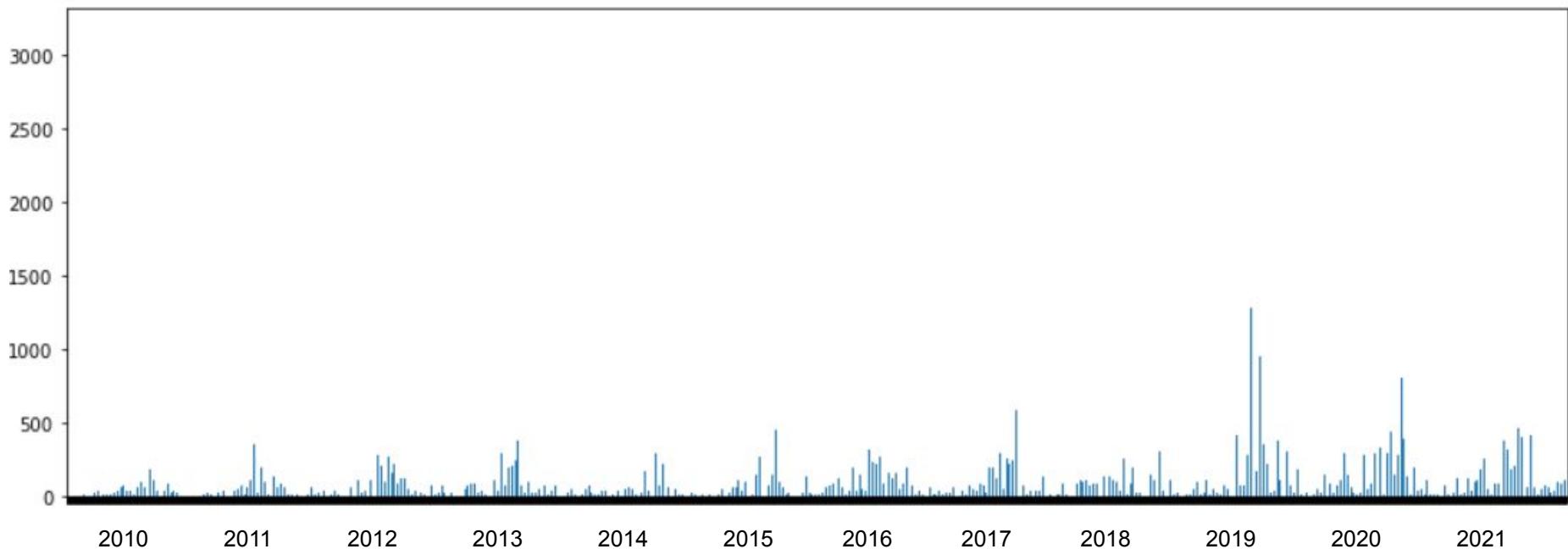


# Espacialização de focos de calor no estado do Paraná

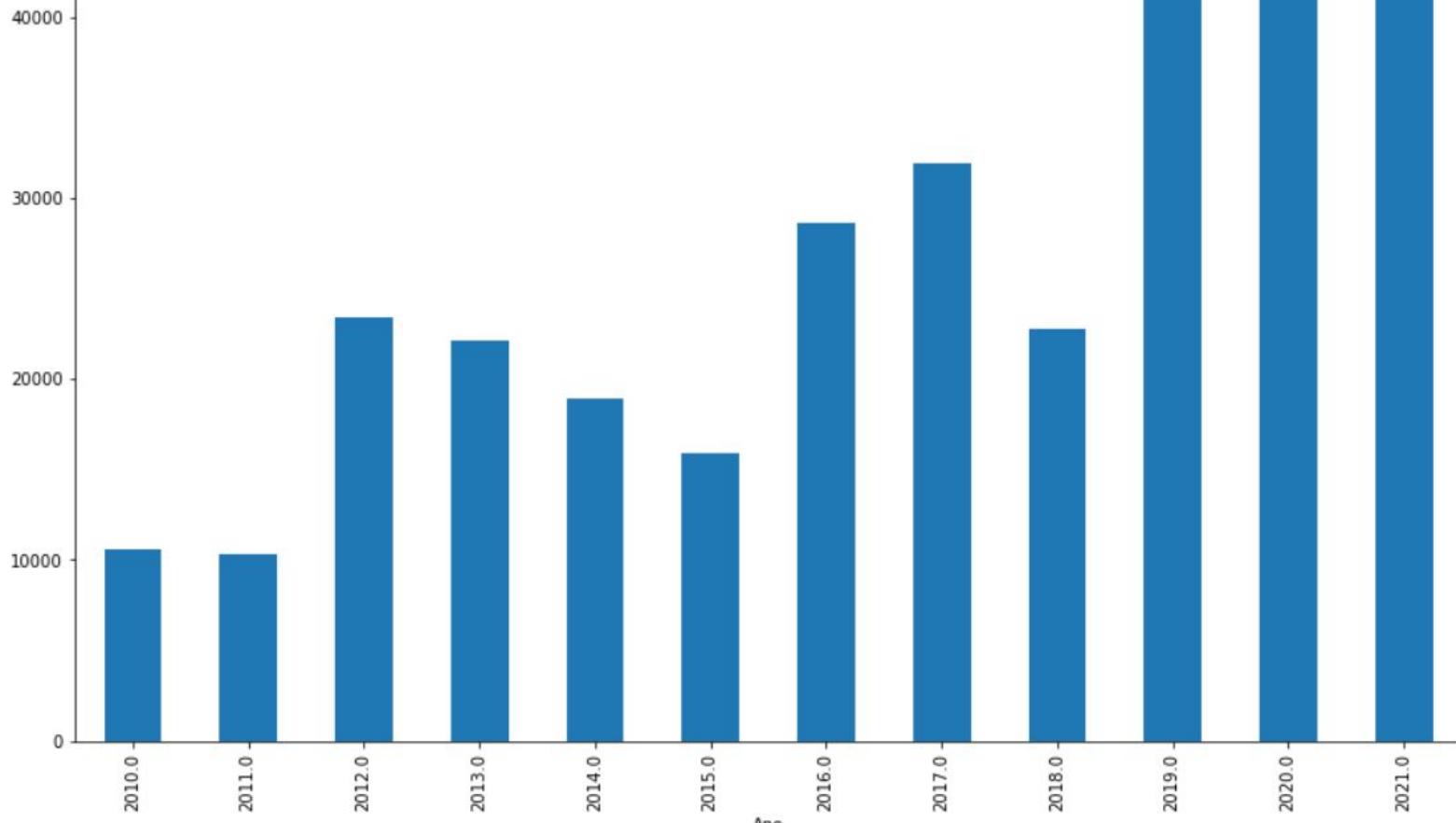
Dr. Gabriel H. A. Pereira  
[gabriel.pereira@simepar.br](mailto:gabriel.pereira@simepar.br)

# Série Histórica de Focos de Calor no Estado do Paraná

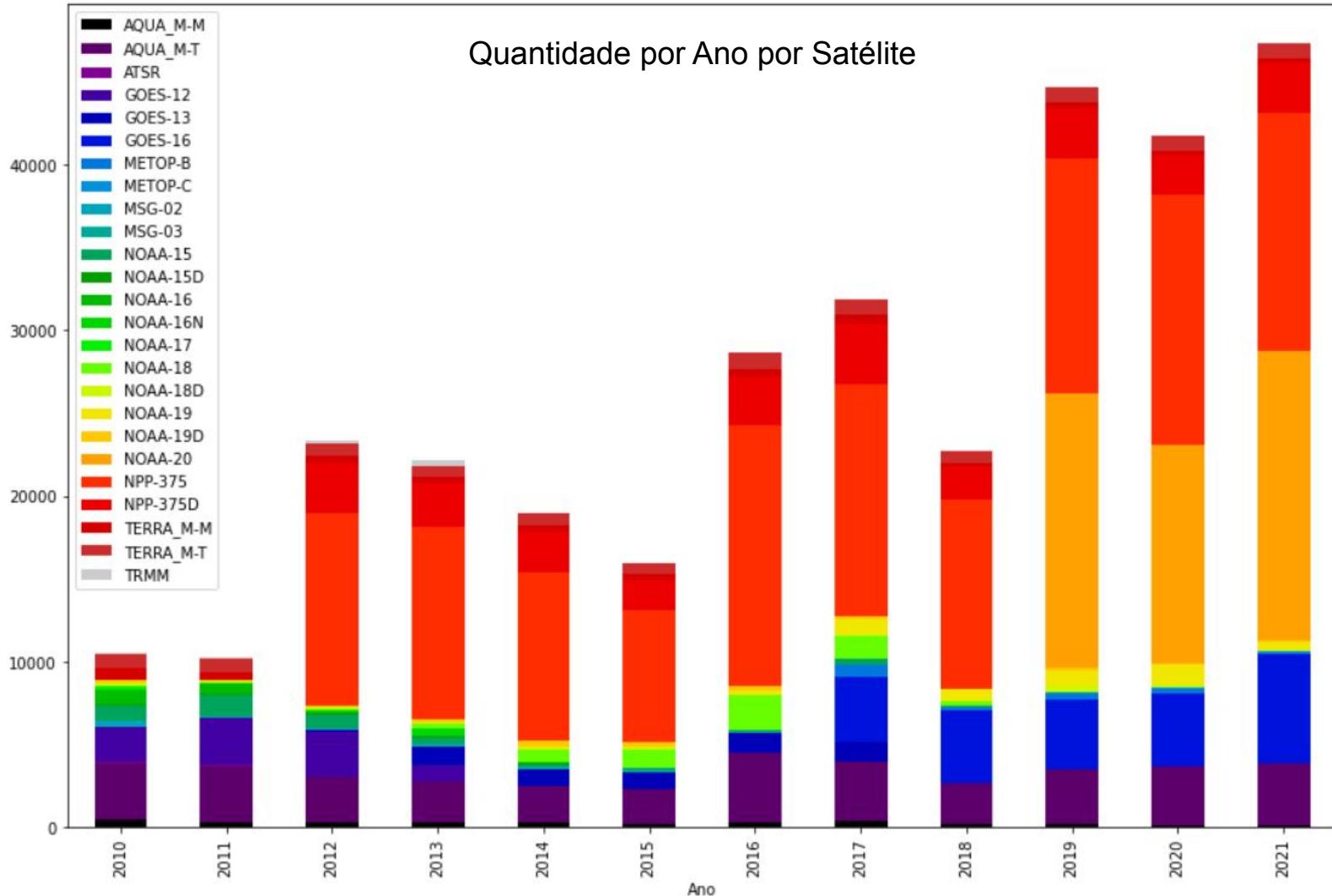
Dados INPE - 2010 a 2021



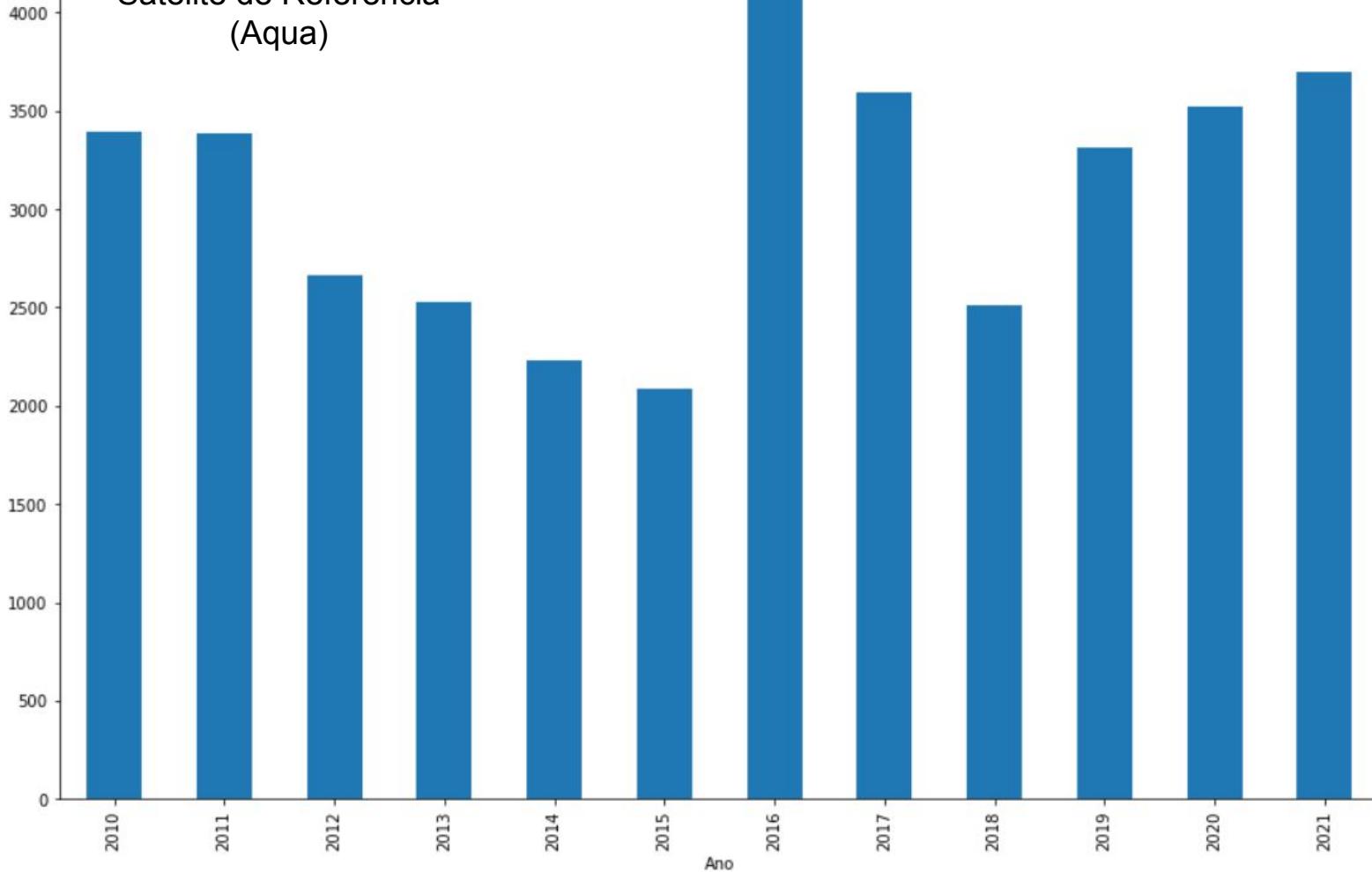
## Quantidade por Ano

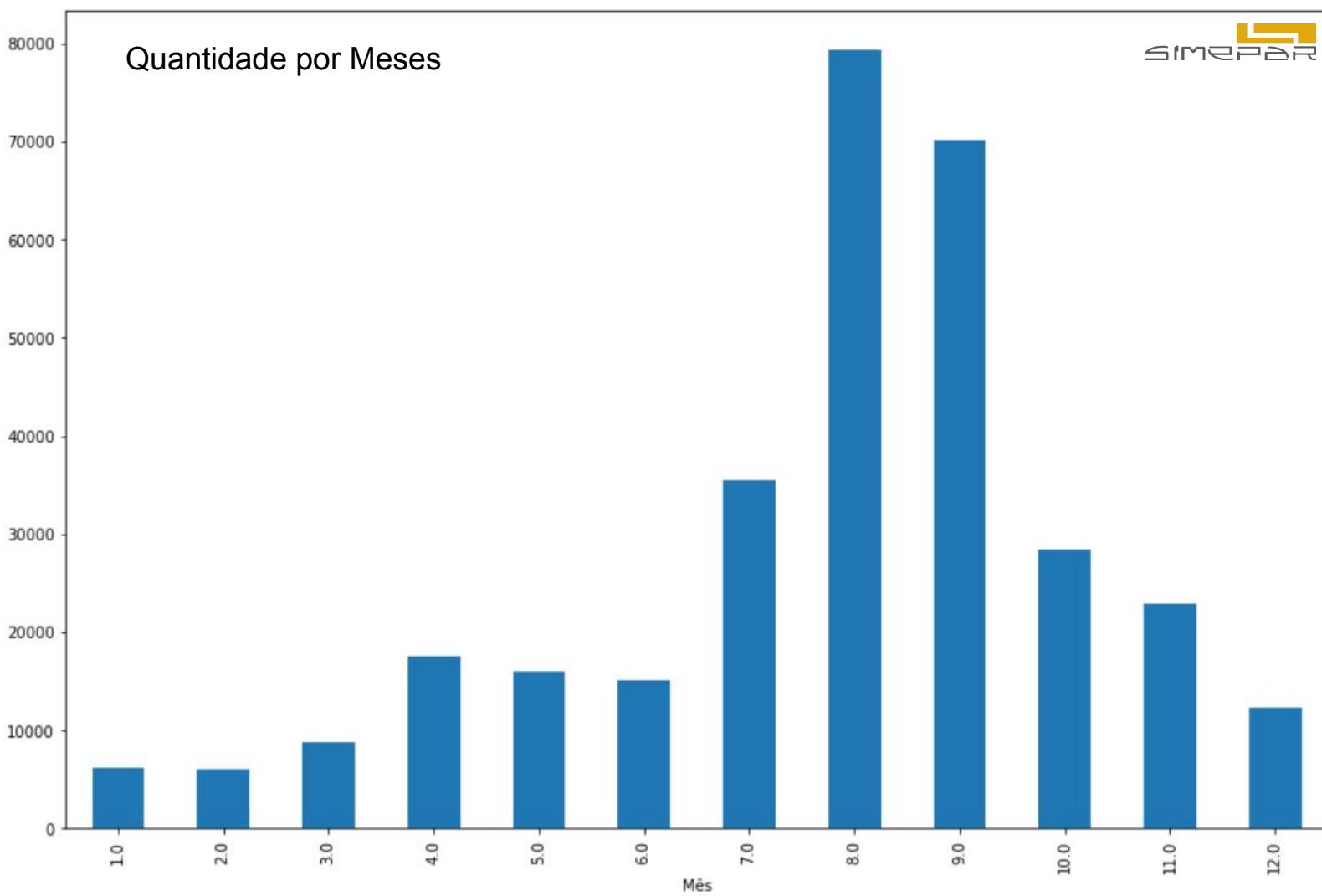


## Quantidade por Ano por Satélite



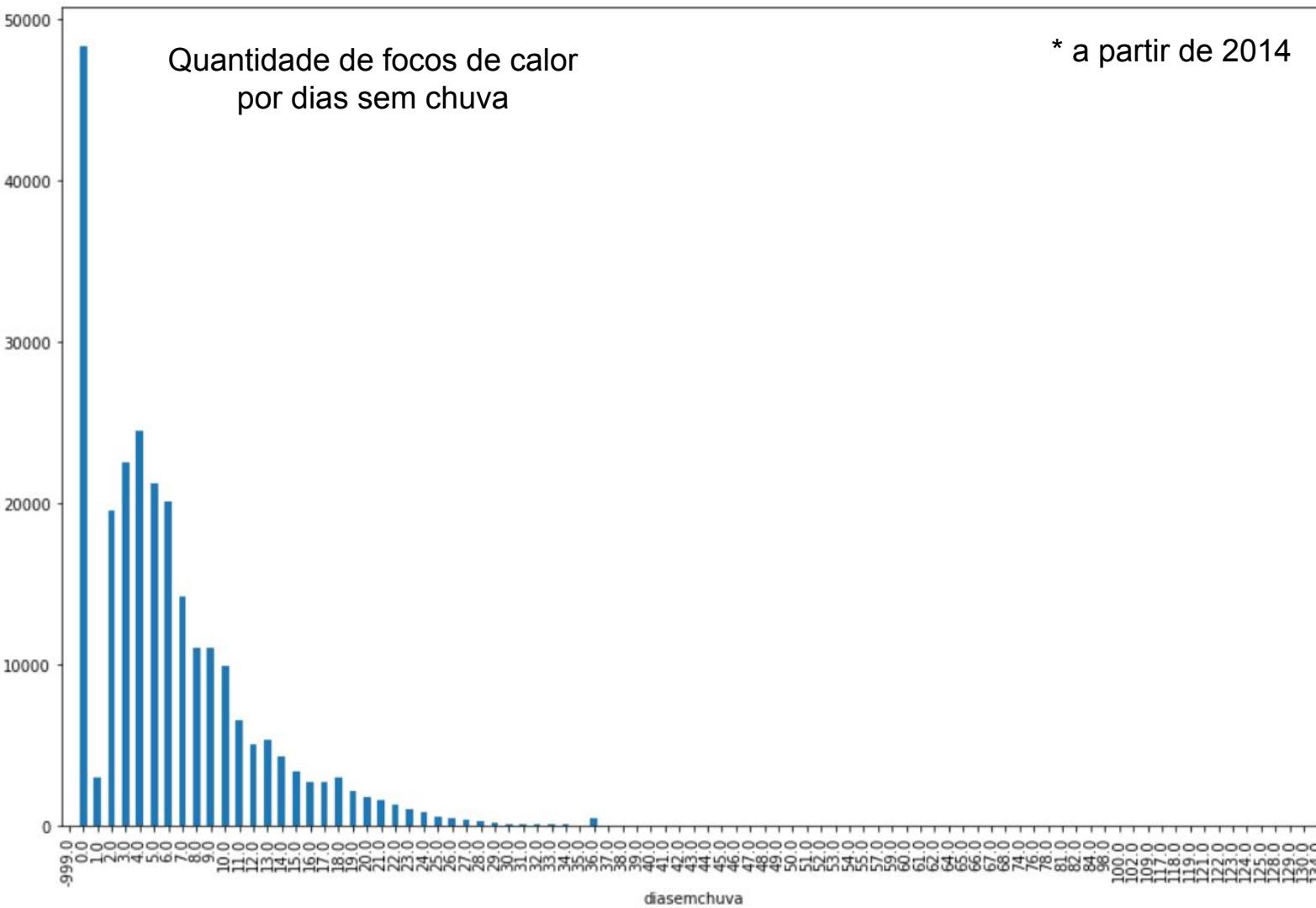
## Satélite de Referência (Aqua)

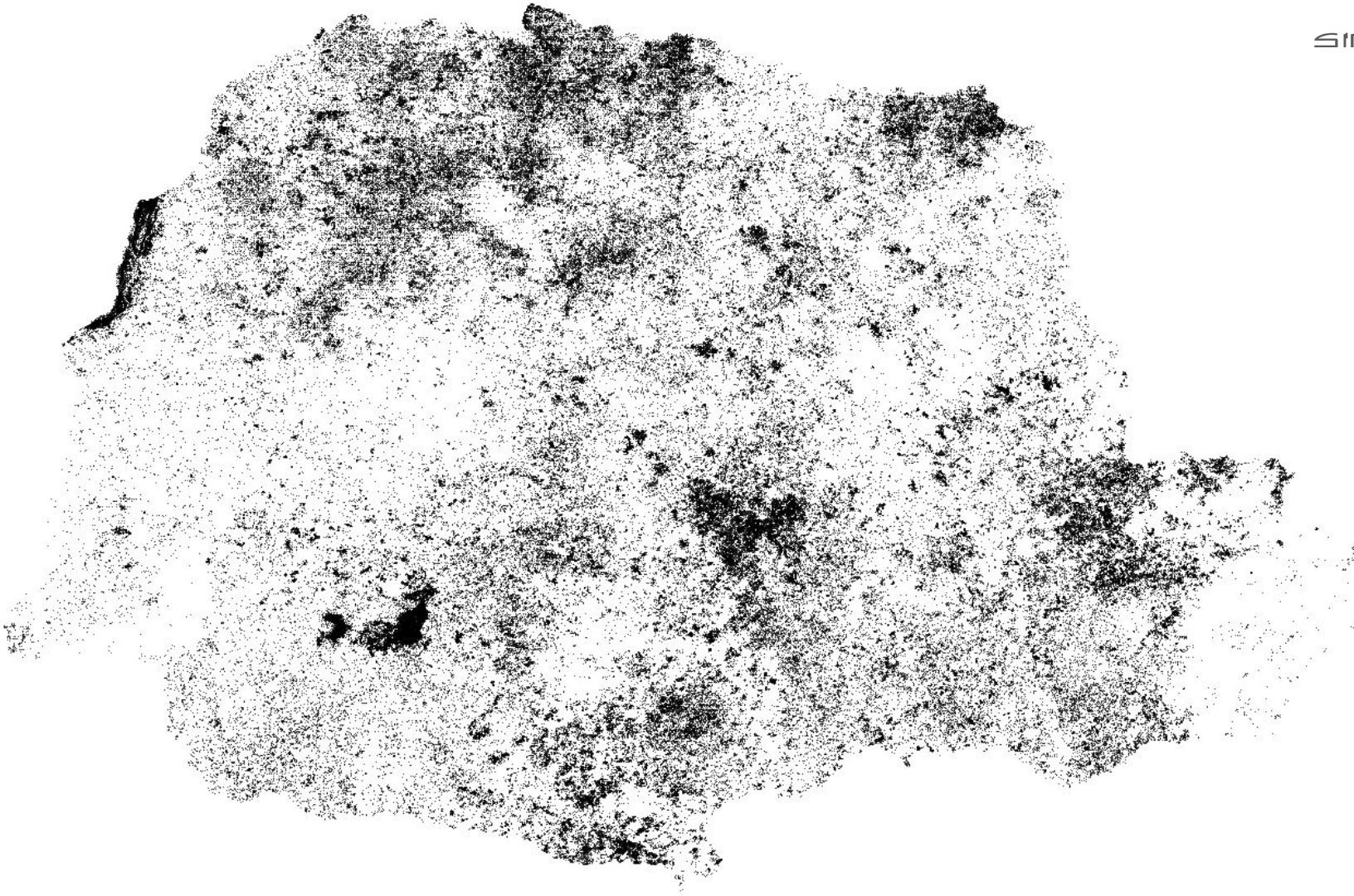


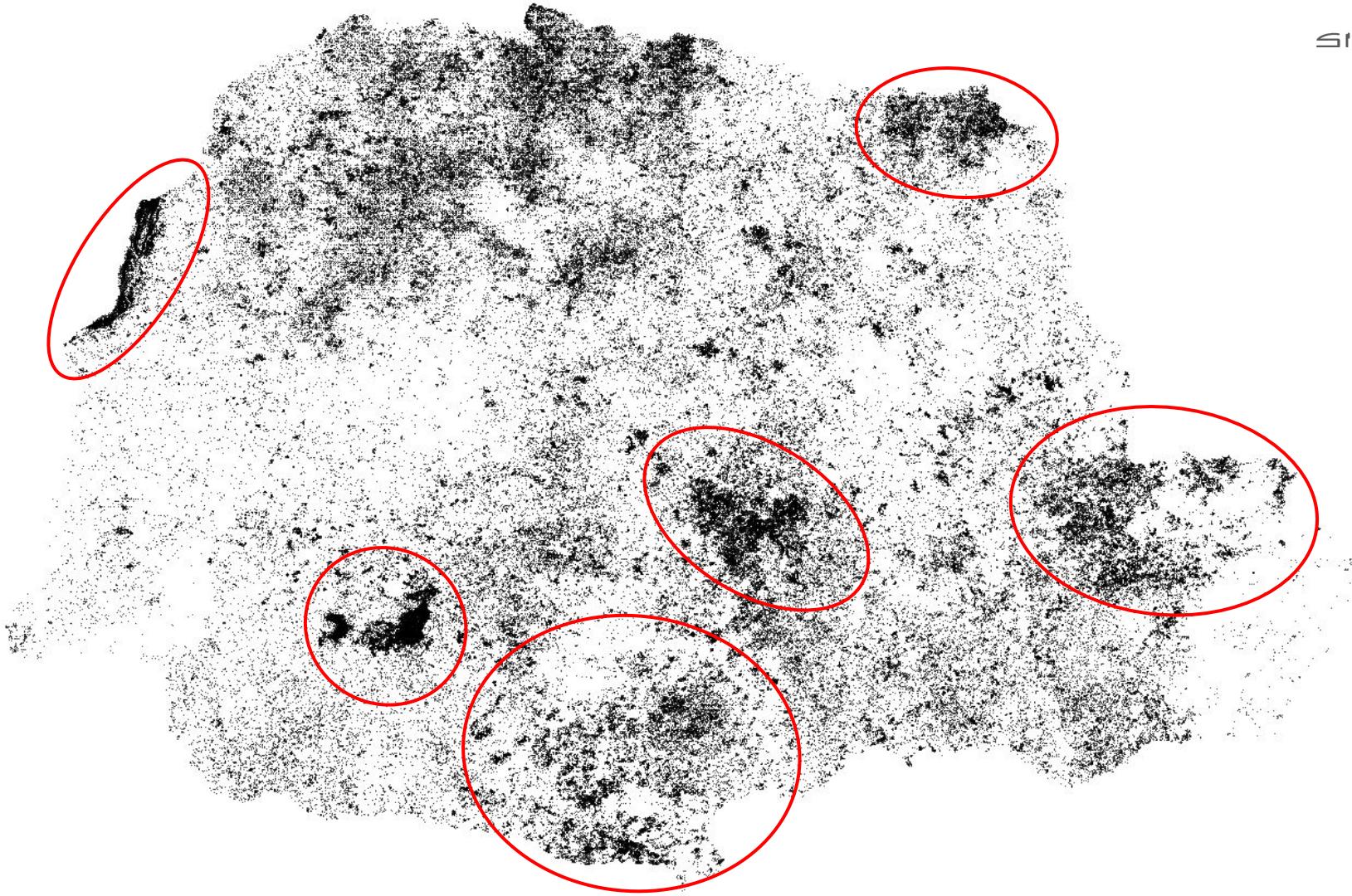


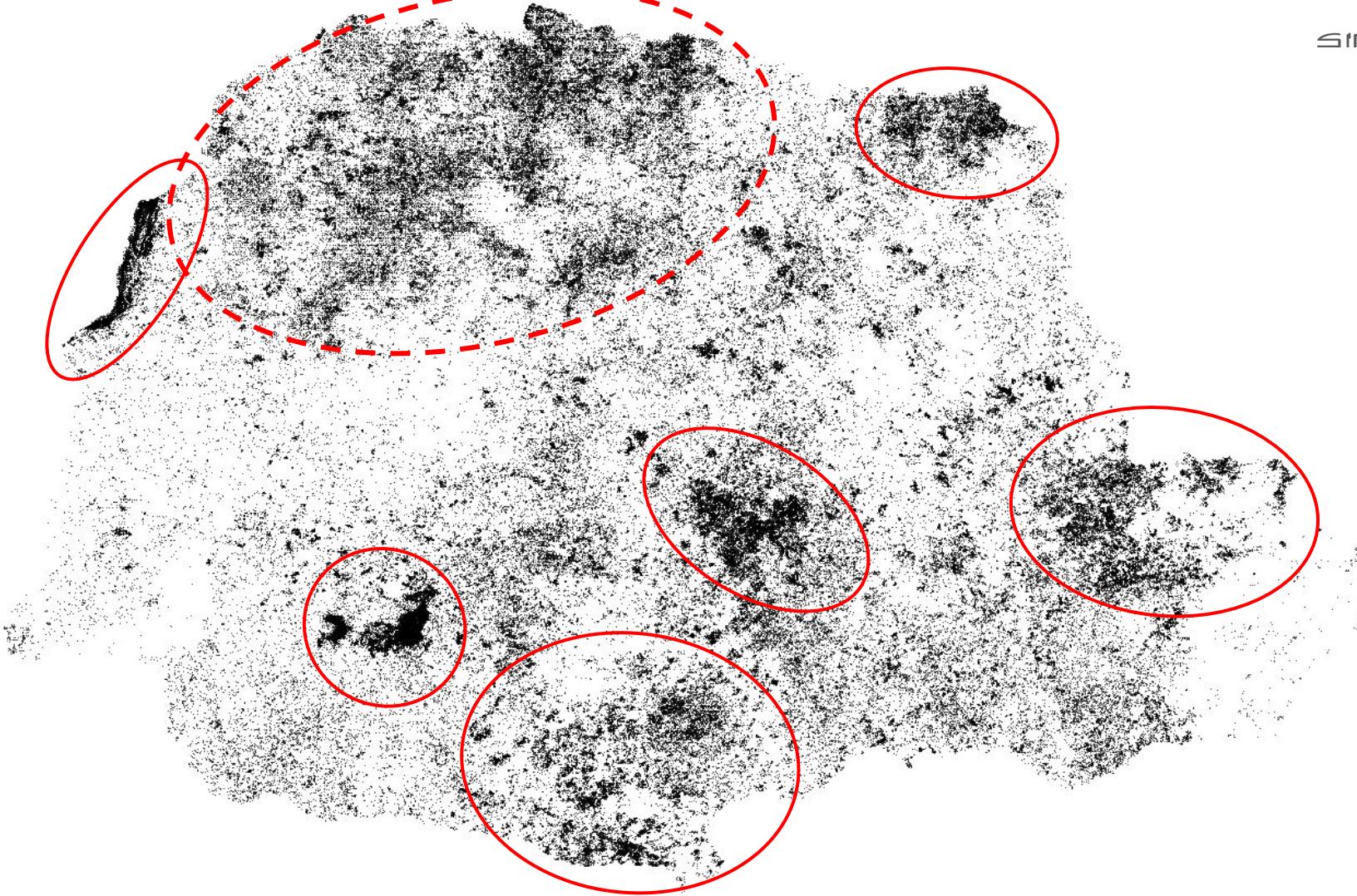
## Quantidade de focos de calor por dias sem chuva

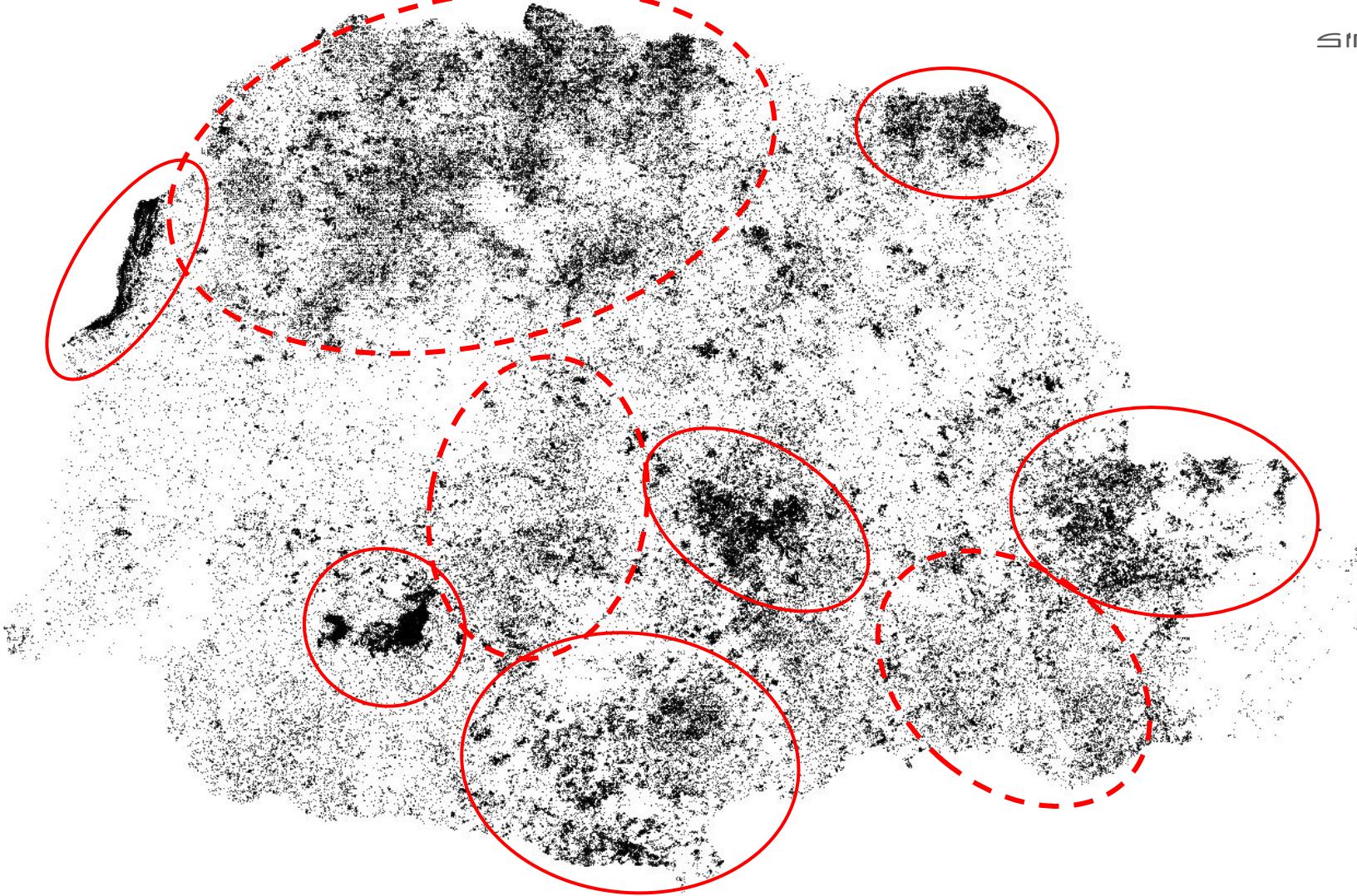
\* a partir de 2014

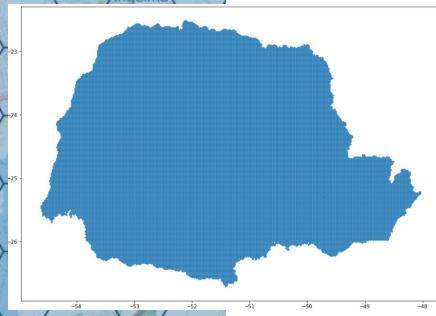




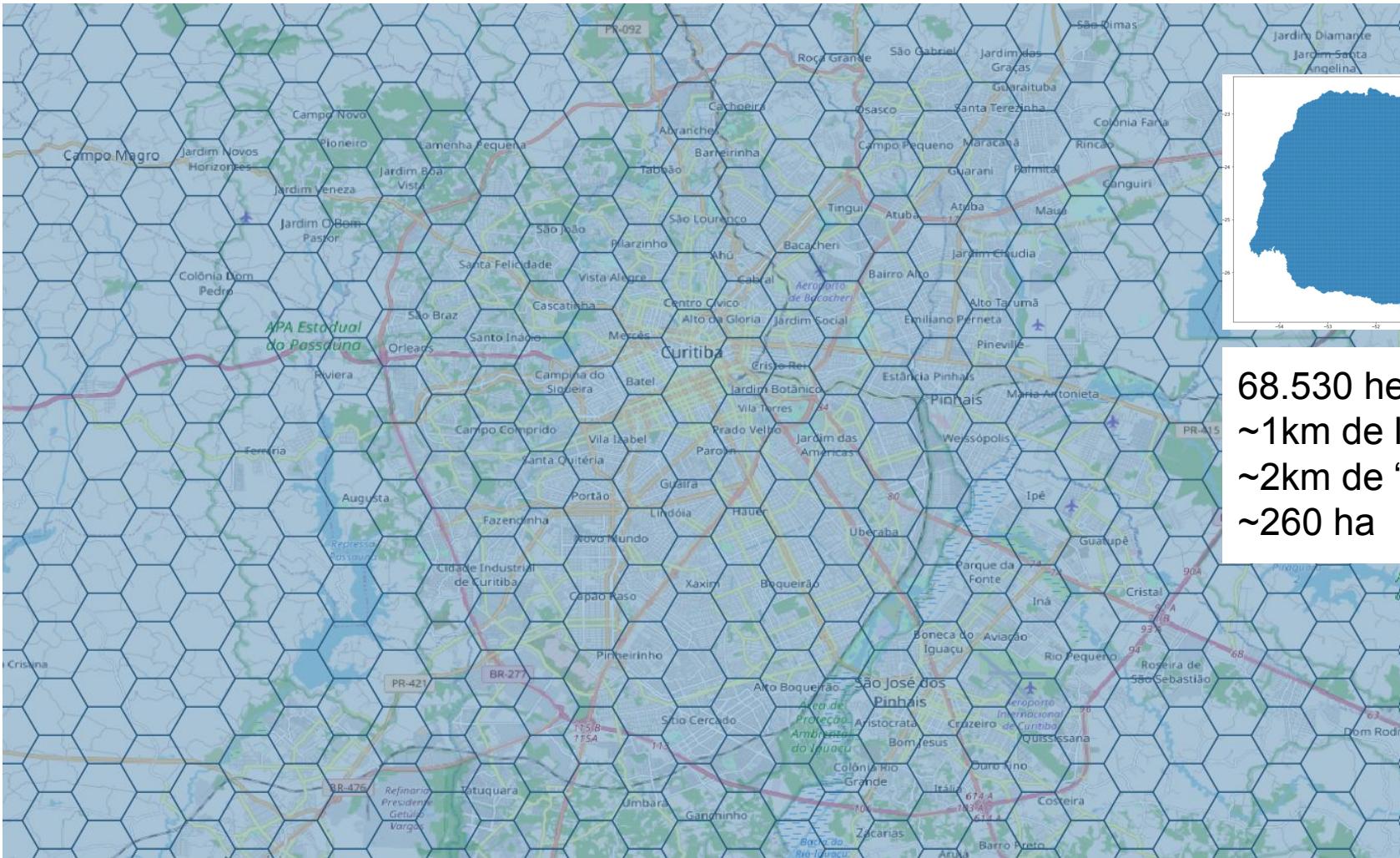








68.530 hexágonos  
~1km de lado  
~2km de “diâmetro”  
~260 ha



-23

-24

-25

-26

-54

-53

-52

-51

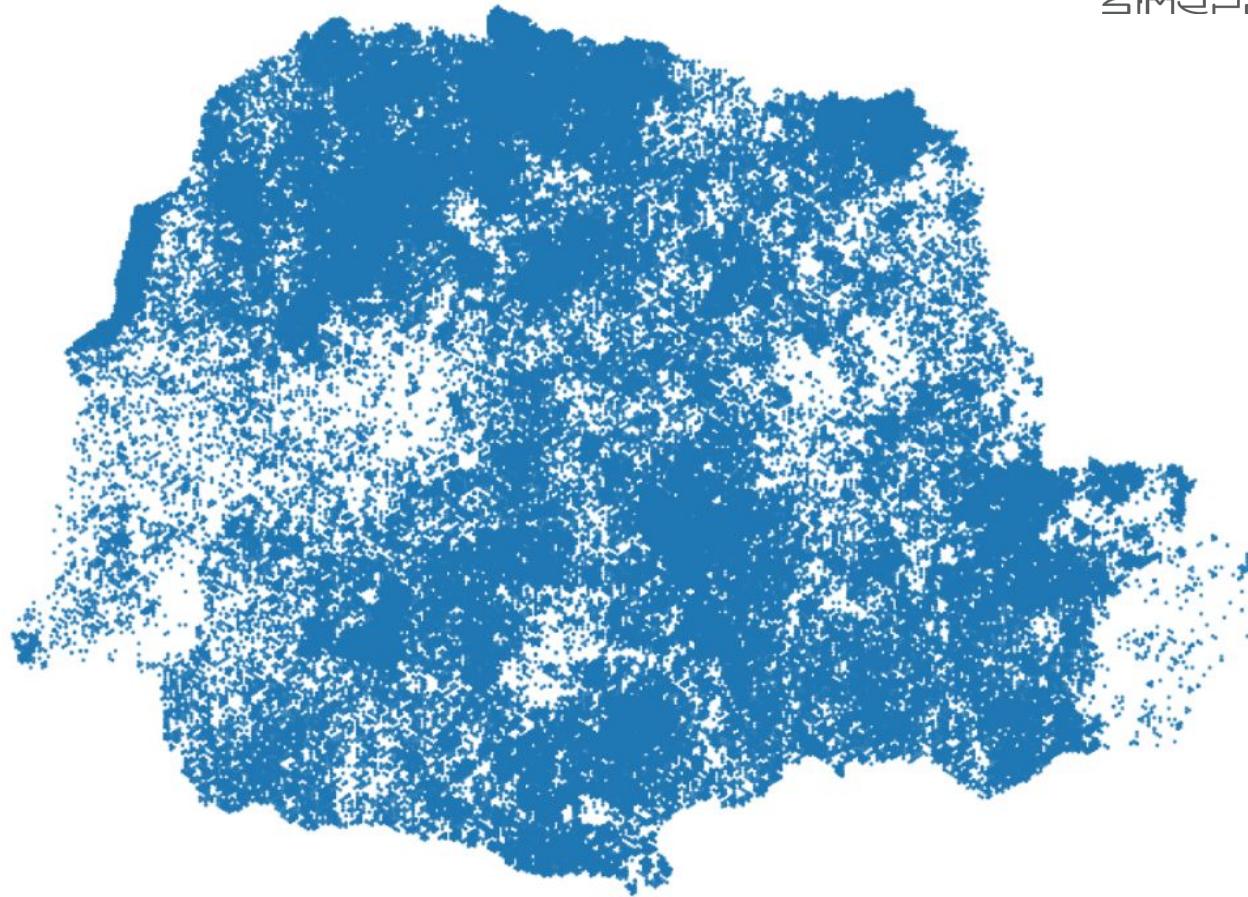
-50

-49

-48

41.051 hexágonos  
com focos

59,90%



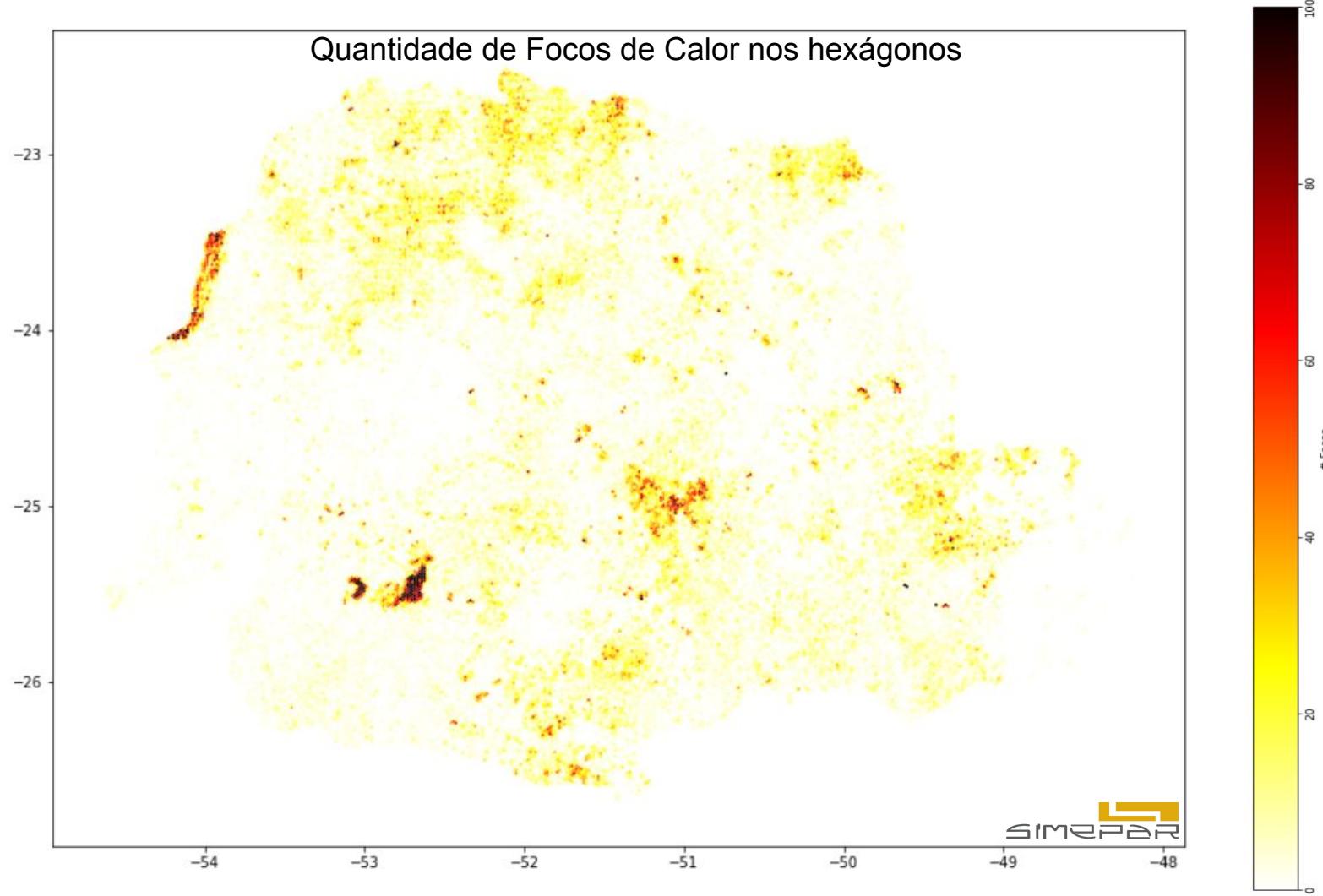
## Frequência de Focos de Calor por Hexágono

# Hexágonos

10000  
8000  
6000  
4000  
2000  
0

# Focos

## Quantidade de Focos de Calor nos hexágonos



## Quantidade de Anos em que houve detecção de Focos de Calor nos hexágonos

23

24

25

26

-54

-53

-52

-51

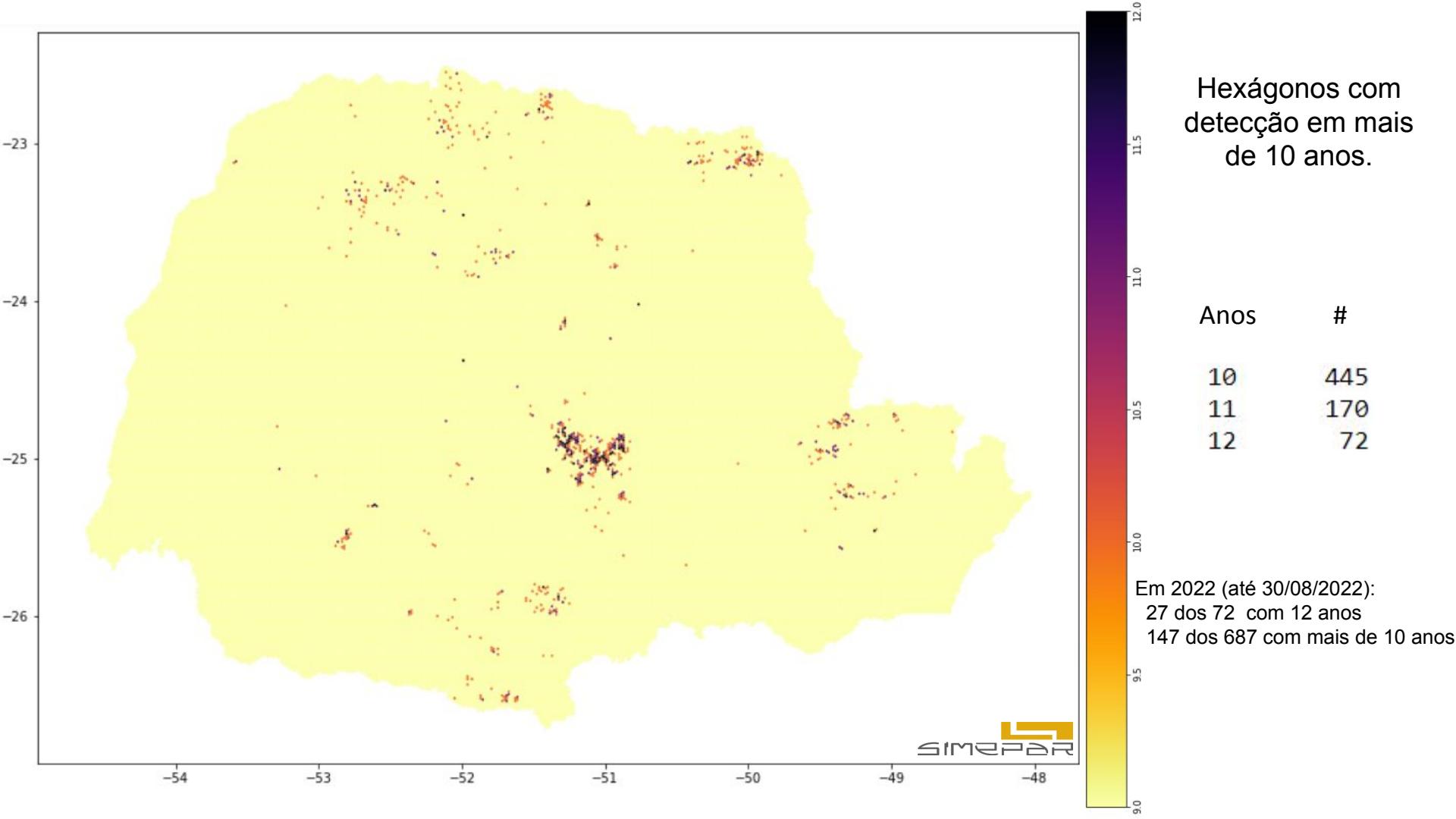
-50

-49

-48



| Anos | #     |
|------|-------|
| 0    | 23244 |
| 1    | 14711 |
| 2    | 9836  |
| 3    | 6676  |
| 4    | 4530  |
| 5    | 3230  |
| 6    | 2279  |
| 7    | 1575  |
| 8    | 1072  |
| 9    | 690   |
| 10   | 445   |
| 11   | 170   |
| 12   | 72    |

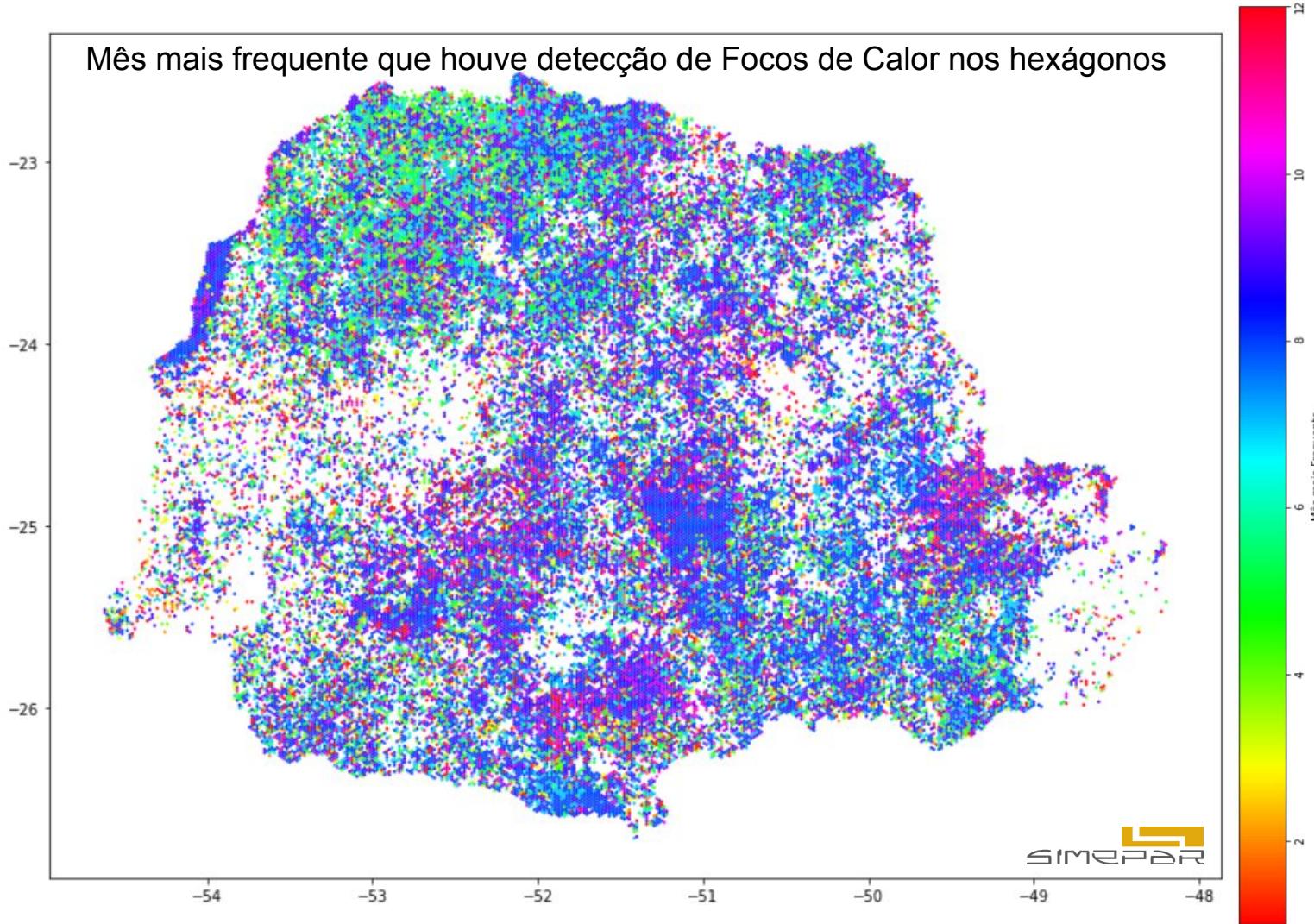


Hexágonos com  
detecção em mais  
de 10 anos.

| Anos | #   |
|------|-----|
| 10   | 445 |
| 11   | 170 |
| 12   | 72  |

Em 2022 (até 30/08/2022):  
27 dos 72 com 12 anos  
147 dos 687 com mais de 10 anos

# Mês mais frequente que houve detecção de Focos de Calor nos hexágonos



# Dias sem chuva mais frequente dos Focos de Calor nos hexágonos

-23

-24

-25

-26

-54

-53

-52

-51

-50

-49

-48

