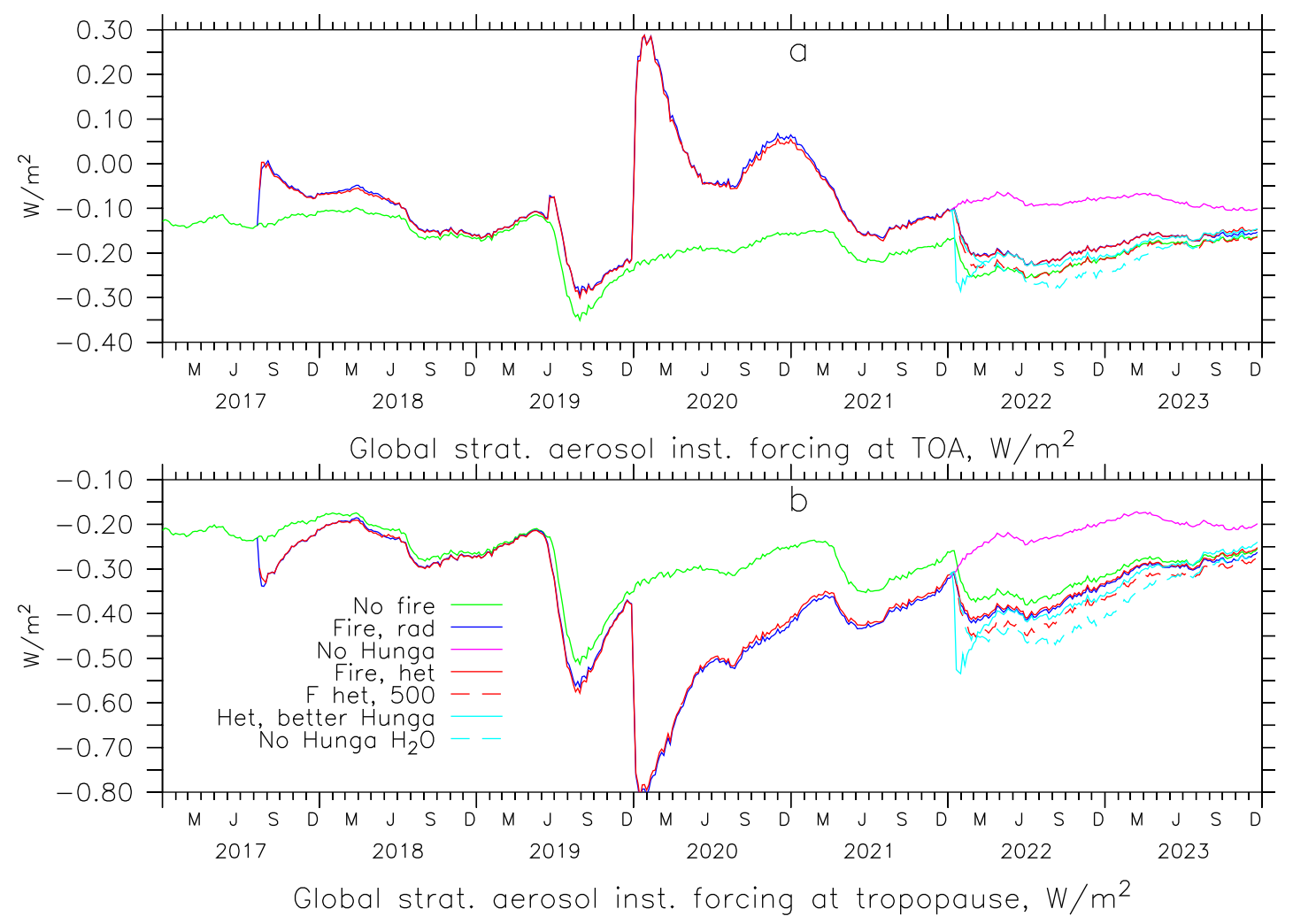
a
0.30
0.20
0.10
0.00
−0.10
−0.20
−0.30
−0.40
W/m2
M J S D M J S D M J S D M J S D M J S D M J S D M J S D
2017 2018 2019 2020 2021 2022 2023
Global strat. aerosol inst. forcing at TOA, W/m2
b
−0.10
−0.20
−0.30
−0.40
−0.50
−0.60
−0.70
−0.80
W/m2
No fire
Fire, rad
No Hunga
Fire, het
F het, 500
Het, better Hunga
No Hunga H2O
M J S D M J S D M J S D M J S D M J S D M J S D M J S D
2017 2018 2019 2020 2021 2022 2023
Global strat. aerosol inst. forcing at tropopause, W/m2