

# Molecular Timescales vs. Production

*Water and OH*

SHAWN OSET

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## How do timescale values affect calculated production?

The solar wind can vary in intensity in the UV by a factor of 2, affecting the lifetimes of water and OH. How big of an affect will this have on the productions we calculate?

(a) Part a here

(b) Part b here

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### Solution

#### Part (a)

Part (a) solution

#### Part (b)

Part (b) solution