MCMv3.1

Reaction Rate (molecules cm^{-3} s^{-1})

1.1e+09
1.0e+09
9.0e+08
8.0e+08
7.0e+08
6.0e+08
5.0e+08
4.0e+08
3.0e+08
2.0e+08
1.0e+08
0.0e+00
-1.0e+08
-2.0e+08
-3.0e+08
-4.0e+08
-5.0e+08
-6.0e+08
-7.0e+08
-8.0e+08
-9.0e+08
-1.0e+09
-1.1e+09

Day 1 Day 2 Day 3 Day 4 Day 5 Day 6 Day 7 Night 1 Night 2 Night 3 Night 4 Night 5 Night 6 Night 7

Reaction

- Production Others
- PPN = C2H5CO3 + NO2
- HCHO + hv = CO + 2 HO2
- HONO + hv = NO + OH
- O1D = OH + OH
- PAN = CH3CO3 + NO2
- HO2NO2 = HO2 + NO2
- CH3O2NO2 = CH3O2 + NO2
- CH3O2 + NO2 = CH3O2NO2
- HO2 + NO2 = HO2NO2
- CH3CO3 + NO2 = PAN
- NO2 + OH = HNO3
- NO + OH = HONO
- HO2 + HO2 = H2O2
- C2H5CO3 + NO2 = PPN
- HO2 + OH = UNITY
- Consumption Others