

GEOS-Chem implementation	Grid resolution resolution	Number of grid cells	Number of cores used
GCHP	C24	250 000	6–216
GCHP	C48	1 000 000	6–540
GCHP	C90	3 500 000	12–540
GCHP	C180	14 000 000	90–540
GCC	$4^{\circ} \times 5^{\circ}$	240 000	6–30
GCC	$2^{\circ} \times 2.5^{\circ}$	940 000	6–30