

		No. of diags.	ECS ( $^{\circ}\text{C}$ )		$F_{\text{aer}}$ ( $\text{W m}^{-2}$ )	
			5 %	95 %	5 %	95 %
			Surface temperature dataset			
HadCRUT2 <sup>1</sup>	3	2.0	5.3	-0.19	-0.70	
	2	1.9	5.2	-0.19	-0.71	
HadCRUT3 <sup>2</sup>	3	1.9	5.1	-0.22	-0.74	
	2	1.7	5.0	-0.38	-0.79	
NCDC <sup>3</sup>	3	1.8	4.7	-0.37	-0.78	
	2	1.6	4.8	-0.38	-0.79	
GISTEMP 250 <sup>4</sup>	3	1.3	3.6	-0.32	-0.83	
	2	1.1	4.0	-0.35	-0.83	
GISTEMP 1200 <sup>5</sup>	3	1.2	3.4	-0.33	-0.80	
	2	1.0	3.7	-0.35	-0.83	