

	Number of points	Data			ECHAM5-wiso over the observed period		
		slope ($\text{‰}^{\circ}\text{C}^{-1}$)	r	p value	slope ($\text{‰}^{\circ}\text{C}^{-1}$)	r	p value
Rothera*	194	0.31 (0.06)	0.38	<0.001	0.01 (0.03)	0.23	<0.001
Vernadsky*	372	0.32 (0.04)	0.39	<0.001	0.09 (0.02)	0.25	<0.001
Halley*	552	0.47 (0.02)	0.76	<0.001	0.48 (0.02)	0.68	<0.001
Marsh*	19	0.61 (0.31)	0.44	0.07	0.47 (0.23)	0.43	0.06
Dome F	351	0.76 (0.02)	0.88	<0.001	0.70	0.62	<0.001
Dome C	501	0.59 (0.02)	0.64	<0.001	0.94 (0.07)	0.55	<0.001
Neumayer	336	0.57 (0.03)	0.69	<0.001	0.29 (0.06)	0.29	<0.001