

GMST dataset	Land product	SST product	Interpolation method	Period	Key references	Website
HadCRUT4, CRU version 4.6	CRUTEM4.6	HadSST3.1	Spatial correlation structures within (land) and between (sea) grid boxes	1850–2016	Morice et al. (2012)	here
HadCRUT4, Cowtan and Way version 2.0	CRUTEM4.5	HadSST3.1	Infill procedure by kriging and a hybrid method guided by UAH satellite data	1850–2016	Cowtan and Way (2014)	here
LOTI series, NASA-GISSTEMP	GHCN v3 and Antarctic (SCAR) data	ERSSTv4	Weighted averages of anomalies for all stations within 1200 km of that point.	1880–2016	Hansen et al. (2010)	here
NOAA, Karl et al.	GHCN-M v3.3	ERSSTv4	Grid-box averaging	1880–2016	Smith et al. (2008), Karl et al. (2015)	here
Berkeley Earth Project	GHCN database (modified version)	HadSST3 (modified version)	Infill procedure by kriging	1850–2016	Rohde et al. (2013)	here