

Data set	Variables	Resolution	Period	Reference
ERA-Interim (EI)	T, P	$\sim 0.8^\circ$	1979–($t - 3$ months)	Dee et al. (2011)
ECMWF-OD (OD)	T, P	$\sim 0.22^\circ$	2010–present	
CRUts3.22 (CRU)	$T, P, \text{wet day}^a$	0.5°	1901–2013	Harris and Jones (2014)
GPCC7	P	0.5°	1901–2013	Schneider et al. (2015b)
GPCC-monitor (v5)	P	1.0°	1982–($t - 2$ months)	Schneider et al. (2015a)
GPCC-FG	$P^b, \text{wet day}^c$	1.0°	2009–($t - 1$ month)	Ziese et al. (2011); Schamm et al. (2013)
GHCN-CAMS	T	0.5°	1948–($t - 1$ month)	Fan and Van den Dool (2008)
WFDEI	P^d, T^e	0.5°	1979–2013 (6)	Weedon et al. (2011)

^a Gridded from observed number of wet days at precipitation gauges; ^b using the GPCC first guess monthly product; ^c derived from daily time-step information from the GPCC first guess daily product; ^d using different versions of GPCC until 2013, as well as a version using CRU until 2016; ^e using different versions of CRU until 2016.