

	SFI (BE)	STJ (YC)	STJ (IH)	PSI
Reference	Bals-Elsholz et al. (2001)	Yang and Chang (2006)	Inatsu and Hoskins (2006)	Defined within this study (Sect. 3.2)
Data sets				
Variable	relative vorticity	zonal wind	zonal mean wind	zonal wind
Level	200 hPa	300 hPa	mean of 200 and 300 hPa	200 hPa
Data source	NCEP NCAR	ERA15	ERA40	ERA-Interim
Period	1958–2000	1979–1993	1979–2001	1979–2015
Regions used for definitions				
STJ	25–35° S	–	25–40° S	
GAP	40–57.5° S	35–55° S	32.5–50° S	SH
PFJ	65–77.5° S	55–70° S	42.5–65° S	