

Variables	Descriptions	Variables	Descriptions
temp	Mean temperature at 2 m	s500+	Specific humidity at 500 hPa height
mslp	Mean sea level pressure	s850+	Specific humidity at 850 hPa height
p500	500 hPa geopotential height	b_f	Geostrophic air flow velocity
p850	850 hPa geopotential height	b_z	Vorticity
rhum <sup>a</sup>	Near-surface relative humidity	b_u	Zonal velocity component
r500 <sup>a</sup>	Relative humidity at 500 hPa	b_v	Meridional velocity component
r850 <sup>a</sup>	Relative humidity at 850 hPa	b_zh	Divergence
shum	Near-surface specific humidity	b_thas	Wind direction
Prec+	Total precipitation		

<sup>a</sup> Refers to predictors only found from HadCM3. <sup>b</sup> Refers to different atmospheric levels: the surface (p\_), 850 hPa height (p8) and 500 hPa height (p5). + Refers predictors only for canESM2.