

Variable	Expression	Units	Variable name
Coriolis torque	$f\bar{v}^*$	m s^{-2}	fvstar
Meridional advection of momentum	$-\bar{v}^* \frac{1}{a \cos \phi} \frac{\partial(\bar{u} \cos \phi)}{\partial \phi}$	m s^{-2}	uvstar
Vertical advection of momentum	$-\bar{\omega}^* \frac{\partial \bar{u}}{\partial p}$	m s^{-2}	uomegastar
Meridional residual circulation	\bar{v}^*	m s^{-1}	vstar
Vertical residual circulation	$\bar{\omega}^*$	Pa s^{-1}	omegastar
EP flux (meridional component)	F_ϕ	$\text{m}^3 \text{s}^{-2}$	EPF_phi_pr
EP flux (vertical component)	F_p	$\text{Pa m}^2 \text{s}^{-2}$	EPF_p_pr
EP flux (meridional component, QG)	F_ϕ^{QG}	$\text{m}^3 \text{s}^{-2}$	EPF_phi_qg
EP flux (vertical component, QG)	F_p^{QG}	$\text{Pa m}^2 \text{s}^{-2}$	EPF_p_qg
EP flux divergence (meridional component)	$\frac{1}{a \cos \phi} \nabla \cdot F_\phi$	m s^{-2}	EPFD_phi_pr
EP flux divergence (vertical component)	$\frac{1}{a \cos \phi} \nabla \cdot F_p$	m s^{-2}	EPFD_p_pr
EP flux divergence (vertical component, QG)	$\frac{1}{a \cos \phi} \nabla \cdot F_\phi^{\text{QG}}$	m s^{-2}	EPFD_phi_qg
EP flux divergence (meridional component, QG)	$\frac{1}{a \cos \phi} \nabla \cdot F_p^{\text{QG}}$	m s^{-2}	EPFD_p_qg