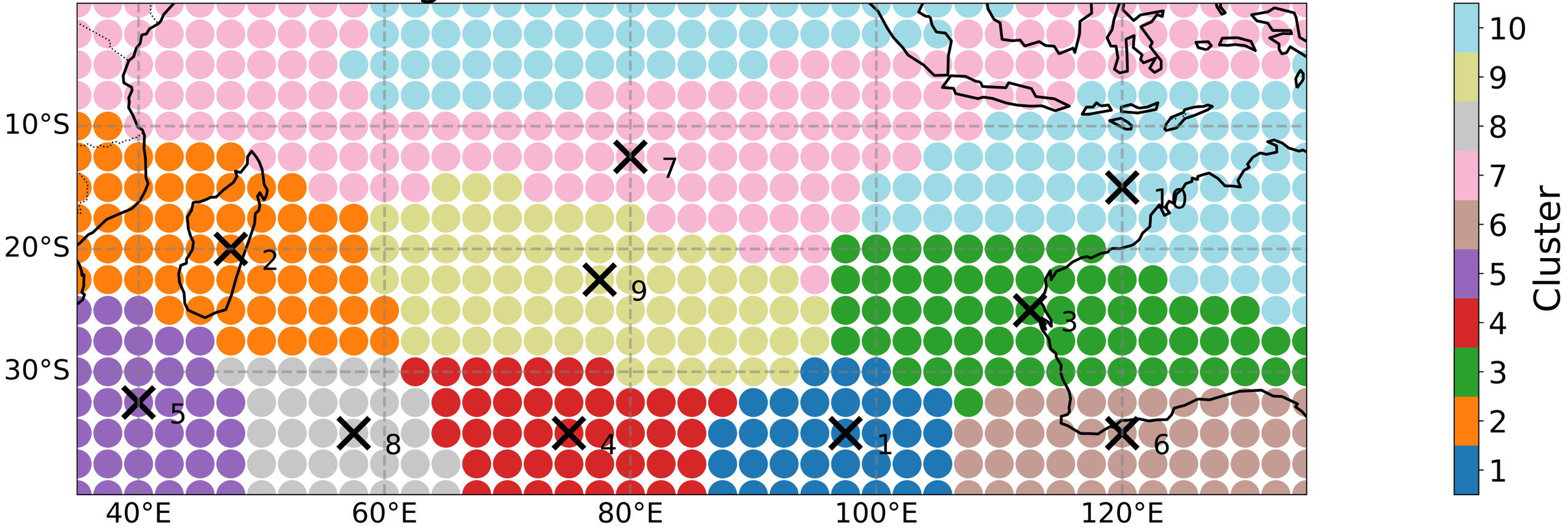Meridional gradient of meridional wind at 50 hPa