

CLIMATE CHANGE

CO₂ EMISSIONS (1999) - AYRSHIRE IN CONTEXT

	(mt)	%UK
Ayrshire	4	0.7
Scotland	61	11
UK	548	100

Source: Greenhouse Gas Inventories for England, Scotland, Wales & Northern Ireland 1990, 1995, 1998, 1999 NETCEN, Feb 2002
CO₂ Emissions, weighted equivalent, estimate for Ayrshire based on work undertaken by Energy Agency, South Ayrshire Council

PROJECTED IMPACTS OF CLIMATE CHANGE ON SOUTH WEST SCOTLAND

	2000-2100
Sea Level Rise ¹	-20mm - +580mm
Storm Surge ²	+3.74m
Rainfall ³	+17%

Source: ¹Scottish Executive, CRU Climate Change: Flood Occurrences Review 2002

²Scottish Natural Heritage, Potential Impacts of Climate Change on Sea Levels around Scotland 2001

³Scottish Executive, Regional Climate Change Scenarios, 2001