

Appendix 4. Temperature Results

Table A4.1: Regime shifts according to seasons (tri-month average temperature) for Mossel Bay.

Season	Number of regime shifts	Periods of regimes	Mean average temperature	Direction of change per regime period
Winter	3	1920 – 1935	14.8	Down
		1936 – 2014	15.3	Up
		2015	14.1	Down
Spring	5	1920 – 1938	16.8	Down
		1939 – 1948	17.3	Up
		1949 – 1996	16.6	Down
		1997 – 2007	17.6	Up
		2008 – 2014	16.7	Down
Summer	5	1921 – 1939	20.6	Down
		1940 – 1950	21.1	Up
		1951 – 1998	20.4	Down
		1999 – 2008	21.5	Up
		2009 – 2015	20.8	Down
Autumn	5	1920 – 1931	18.2	Down
		1932 – 1952	18.7	Up
		1953 – 1997	18.2	Down
		1998 – 2014	18.8	Up
		2015	17.9	Down

Table A4.2: Regime shifts according to seasons (tri-month average temperature) for Riversdale.

Season	Number of regime shifts	Periods of regimes	Mean average temperature	Direction of change per regime period
Winter	2	1973 – 2010	12.9	Up
		2011 - 2014	11.9	Down
Spring	4	1973 - 1996	16.8	Down
		1997 – 2004	17.7	Up
		2005 – 2013	16.2	Down
		2014	17.1	Up
Summer	---	1973 – 2014	21.9	N/A
Autumn	---	1973 – 2014	18.3	N/A