

Stations 90th percentile maxima	102 AWS original probe	57 AWS replacement probe	Years till replacement	Original 90th percentile frequency change 5 year averages pa	Replacement 90th percentile frequency change 6 year averages pa	Original 90th percentile C temperature change 5 year averages pa	Replacement 90th percentile C temperature change 6 year averages pa	Original probes	Replacement probes	
Adelaide	1996	2003	7	8.6	7.0	0.6	0.5	Rosemount	Rosemount	
Albany	2011			10.4		0.1		Rosemount		
Alice Springs	1996	2011	15	-3.8	10.5	0.0	0.1	Unknown	Temp Control	
Amberley	1997			1.2		-0.1		Rosemount		
Birdsville	2001			21.8		0.3		Rosemount		
Bourke	1998	2015	17	5.0	19.5	0.2	0.4	Rosemount	WIKA TR40	
Bridgetown	1998			-2.0		-0.4		Rosemount		
Brisbane	1996	2013	17	-0.8	17.5	-0.3	0.1	Rosemount	Temp Control	
Broome	1996	2015	19	-13.4	5.5	0.1	0.2	Rosemount	Temp Control	
Bundaberg	1997	2010	13	15.2	4.7	0.1	0.0	Rosemount	Temp Control	
Burketown	2001	2007	6	20.2	5.0	0.9	-0.4	Rosemount	Rosemount	
Butlers Gorge	2008			2.4		0.0		Temp Control		
Cabramurra	1996	1998	2	12.0	22.2	0.2	0.5	Rosemount	Rosemount	
Cairns	1996	2004	8	-13.6	5.0	-0.6	0.1	Rosemount	Rosemount	
Camooeal	1997	2003	6	6.6	8.0	0.1	0.2	Rosemount	Rosemount	
Canberra	2008			-10.8		0.0		Temp Control		
Cape Borda	2002			-0.2		-0.6		Rosemount		
Cape Bruny	1997	2006	9	15.4	4.3	0.0	0.1	Rosemount	Rosemount	
Cape Leeuwin	1996	2004	8	5.4	-9.5	-0.1	0.2	Rosemount	Rosemount	Temp Control 2019
Cape Moreton	1996	2011	15	10.0	5.5	-0.2	0.0	Rosemount	Rosemount	
Cape Otway	1994	2010	16	-4.0	6.7	0.2	-0.3	Unknown	Temp Control	
Carnarvon	1996	2011	15	10.2	16.0	-0.1	0.3	Rosemount	Rosemount	
Ceduna	1996	2015	19	1.6	0.2	1.1	-0.3	Rosemount	Temp Control	
Charleville	1996	2004	8	-4.4	4.0	-0.2	0.1	Unknown	Rosemount	
Cobar	1997	2016	19	12.4	9.5	0.1	0.7	Rosemount	Rosemount	Temp Control 2004
Coffs Harbour	1996	2013	17	-3.2	25.0	-0.2	0.2	WIKA TR40	WIKA TR40	
Cunderdin	1996			0.0		-0.1		Rosemount		
Dalwallinu	1997			-2.4		-0.2		Rosemount		
Darwin	1996	2001	5	10.0	18.7	0.0	0.0	Rosemount	Rosemount	
Deniliquin	1997			13.2		0.6		Rosemount		
Dubbo	1996	2011	15	2.8	7.8	0.0	0.2	Rosemount	WIKA TR40	
Eddystone	1996	2004	8	23.0	9.3	0.0	0.3	Unknown		
Esperance	1996	2010	14	-3.4	4.0	0.3	-0.2	Rosemount	Rosemount	
Eucla	1996	1999	3	-3.6	1.5	0.1	-0.5	Rosemount	Rosemount	
Forrest	1996	2011	15	1.8	-1.7	0.2	-0.1	Rosemount	Temp Control	
Gabo Island	2000	2007	7	14.8	4.7	0.1	0.1	Temp Control	Temp Control	
Gayndah	2003			7.0		-0.1		Rosemount		
Georgetown	2004			-10.8		0.0		Rosemount		
Geraldton	1996	2011	15	3.2	9.3	0.2	0.2	Rosemount	Rosemount	
Giles	1996	2009	13	-13.8	4.7	-0.3	0.5	Rosemount	Rosemount	Temp Control 2008
Grove	2004			-4.4		0.4		Rosemount		
Halls Creek	1996	2015	19	-21.6	31.7	-0.4	0.5	WIKA TR40		
Hobart	1996	2007	11	7.8	4.7	-0.3	0.2	Rosemount	Temp Control	
Horn Island	1996	2006	10	-21.8	12.8	-0.1	-0.1	Rosemount	Rosemount	Temp Control 2003
Kalgoorlie	1996	2011	15	-3.2	-5.8	0.1	-0.7	Rosemount	Rosemount	
Kalbarri	1998	2001	3	25.4	23.5	-0.1	0.1	Rosemount	Rosemount	
Karijini North	2018			6.8		-0.1		Rosemount		
Katanning	1998			-1.8		-0.7		Rosemount		
Launceston	2004			0.0		0.6		Rosemount		
Laverton	1997			7.0		1.1		Rosemount		
Learmonth	1996			-0.8		-0.1		Rosemount		
Longreach	1996			-7.8		-0.1		Rosemount		
Low Head	1997	2015	18	-7.2	0.0	-0.2	0.0	Rosemount	Rosemount	
Mackay	1996	2013	17	3.8	22.8	-0.1	0.3	Rosemount	WIKA TR40	
Marble Bar	2000	2002	2	7.6	18.2	0.0	0.3	Rosemount	Rosemount	
Marree	1998	2001	3	7.8	9.5	0.4	0.7	Rosemount	Rosemount	
Meekatharra	1996	2008	12	-8.6	-1.3	0.1	0.1	Rosemount	Rosemount	
Melbourne	1996	2013	17	8.2	-1.0	0.7	0.4	Unknown		
Mildura	1996	2012	16	9.0	13.5	0.8	0.5	Unknown	Rosemount	
Miles	1997			3.2		0.0		Rosemount		
Morawa	1997			8.4		0.0		Rosemount		
Moree	1996	2000	4	0.0	16.0	0.4	0.3	Rosemount	Rosemount	
Mt Gambier	1996	2009	13	8.6	1.8	0.9	0.4	Rosemount	Rosemount	
Nhill	2003	2012	9	4.6	1.8	-0.1	0.2	Rosemount	Rosemount	
Normanton	2001			15.6		0.6		Rosemount		
Nowra	2000			2.0		1.1		Rosemount		
Nuriootpa	1996			8.0		0.8		Rosemount		
Oodnadatta	1996	2012	16	18.8	11.7	-0.6	0.4	Rosemount	WIKA TR40	
Orbost	2000			16.0		0.2		Rosemount		
Palmerville	2001			8.8		0.2		Rosemount		
Perth	1996			3.6		-0.1		Rosemount		
Pt Perpendicular	2001	2015	14	5.2	1.7	0.2	0.5	Rosemount	Rosemount	
Port Hedland	1996	2000	4	-18.6	13.8	0.1	0.4	Unknown	Rosemount	
Port Lincoln	1996	2002	6	12.2	7.2	0.0	0.4	Rosemount	Rosemount	
Port Macquarie	1996	2011	15	21.4	9.5	-0.1	0.4	Unknown	Temp Control	
Rabbit Flat	1997			-24.2		-0.5		Rosemount		
Richmond NSW	1996	2011	15	6.2	8.7	-0.3	0.4	Rosemount	Rosemount	
Richmond Qld	1998			-4.8		0.1		Rosemount		
Robe	2003			0.8		0.2		Telmet 320		
Rockhampton	1996			-1.8		-0.2		Rosemount		
Rutherglen	1998			10.6		0.4		Rosemount		
Sale	1996			8.4		0.7		Rosemount		
Scone	1996	2011	15	9.4	12.3	0.6	0.5	Rosemount	Temp Control	
Snowtown	1998			4.4		1.3		Rosemount		
St George	1997			-1.8		0.0		Rosemount		
Sydney	1996	2011	15	10.4	12.7	-0.2	0.0	Rosemount	Temp Control	Rosemount 2017
Tarcoola	1997			-8.4		0.2		Rosemount		
Tennant Creek	1996	2006	10	-15.0	2.3	-0.3	0.3	Rosemount	Temp Control	
Thargomindah	1999			5.8		0.1		Rosemount		
Tibooburra	1997			8.2		0.1		Rosemount		
Townsville	1996	2002	6	-3.0	13.5	-0.7	0.1	Rosemount	Rosemount	
Vic River Downs	1997	2009	12	-5.0	5.2	-0.2	0.0	Rosemount	Rosemount	
Wagga Wagga	1996			12.6		-0.1		Rosemount		
Walgett	1997			21.4		0.3		Rosemount		
Wandering	1998			-2.2		-0.9		Rosemount		
Weipa	1996	2000	4	9.8	20.3	0.2	0.3	Rosemount	Rosemount	
Wilcannia	2000			14.2		0.5		Rosemount		
Williamstown	1999	2016	17	4.6	-0.2	0.8	0.3	Rosemount	Rosemount	Temp Control 2005
Wilson's Prom	2000			4.8		0.3		Rosemount		
Woomera	1996	2011	15	5.6	4.0	0.3	0.3	Rosemount	Temp Control	
Wyalong	1999			5.8		0.6		Rosemount		
Yamba	2007			1.6		-0.4		Temp Control		
Averages above	1998.1	2008.3	11.6	3.4	8.7	0.1	0.2			
Averages between	1998.1	2008.4	10.3							
Averages start after 1996	2000.2			5.0		0.1				
Increased frequency				9.2	10.3	0.2	0.2			
Decreased frequency				-7.4	-3.3	-0.2	0.0			

Stations 95th percentile maxima	102 AWS original probe	57 AWS replacement probe	Years till replacement	Original 95th percentile frequency change 5 year averages pa	Replacement 95th percentile frequency change 6 year averages pa	Original 95th percentile C temperature change 5 year averages pa	Replacement 95th percentile C temperature change 6 year averages pa	Original probes	Replacement probes	
Adelaide	1996	2003	7	7.8	7.7	0.3	0.2	Rosemount	Rosemount	
Albany	2011			7.6		-0.3		Rosemount		
Alice Springs	1996	2011	15	-3.6	3.8	0.1	0.3	Unknown	Temp Control	
Amberley	1997			0.0		-0.1		Rosemount		
Birdsville	2001			12.0		0.2		Rosemount		
Bourke	1998	2015	17	5.6	12.0	0.0	0.4	Rosemount	WIKA TR40	
Bridgetown	1998			-3.8		-0.3		Rosemount		
Brisbane	1996	2013	17	0.2	9.0	-0.4	0.0	Rosemount	Temp Control	
Broome	1996	2015	19	-7.2	5.8	0.1	0.0	Rosemount	Temp Control	
Bundaberg	1997	2010	13	12.0	3.5	-0.2	0.0	Rosemount	Temp Control	
Burketown	2001	2007	6	16.8	-0.7	0.8	-0.4	Rosemount	Rosemount	
Butlers Gorge	2008			1.2		0.3		Temp Control		
Cabramurra	1996	1998	2	6.2	9.0	0.3	0.7	Rosemount	Rosemount	
Cairns	1996	2004	8	-9.2	3.0	-0.9	-0.1	Rosemount	Rosemount	
Camooeal	1997	2003	6	1.6	8.0	0.5	-0.4	Rosemount	Rosemount	
Canberra	2008			-6.6		0.3		Temp Control		
Cape Borda	2002			-6.0		-0.1		Rosemount		
Cape Bruny	1997	2006	9	8.0	1.2	-0.3	0.3	Rosemount	Rosemount	
Cape Leeuwin	1996	2004	8	-2.6	0.3	0.7	-0.3	Rosemount	Rosemount	Temp Control 2019
Cape Moreton	1996	2011	15	6.2	2.5	-0.5	0.0	Rosemount	Rosemount	
Cape Otway	1994	2010	16	-3.0	1.3	0.8	0.0	Unknown	Temp Control	
Carnarvon	1996	2011	15	4.8	9.7	-0.5	0.4	Rosemount	Rosemount	
Ceduna	1996	2015	19	5.0	-1.2	0.5	-0.1	Rosemount	Temp Control	
Charleville	1996	2004	8	-1.8	4.8	-0.2	0.2	Unknown	Rosemount	
Cobar	1997	2016	19	6.4	12.0	-0.4	0.4	Rosemount	Rosemount	Temp Control 2004
Coffs Harbour	1996	2013	17	-3.2	16.0	0.1	0.1	WIKA TR40	WIKA TR40	
Cunderdin	1996			-0.6		0.0		Rosemount		
Dalwallinu	1997			-3.0		0.0		Rosemount		
Darwin	1996	2001	5	5.0	11.8	0.0	0.0	Rosemount	Rosemount	
Deniliquin	1997			9.0		0.2		Rosemount		
Dubbo	1996	2011	15	2.6	3.8	-0.3	0.4	Rosemount	WIKA TR40	
Eddystone	1996	2004	8	5.8	17.5	0.2	-0.4	Unknown		
Esperance	1996	2010	14	-1.8	0.7	0.3	-0.1	Rosemount	Rosemount	
Eucla	1996	1999	3	-1.8	-2.3	-0.2	-0.1	Rosemount	Rosemount	
Forrest	1996	2011	15	0.8	-2.0	0.3	-0.2	Rosemount	Temp Control	
Gabo Island	2000	2007	7	6.0	1.2	0.0	0.2	Temp Control	Temp Control	
Gayndah	2003			3.2		-0.2		Rosemount		
Georgetown	2004			-8.4		0.0		Rosemount		
Geraldton	1996	2011	15	-0.4	6.2	0.7	0.1	Rosemount	Rosemount	
Giles	1996	2009	13	-9.0	5.7	-0.3	0.7	Rosemount	Rosemount	Temp Control 2008
Grove	2004			-1.6		0.6		Rosemount		
Halls Creek	1996	2015	19	-14.4	14.5	-0.4	0.5	WIKA TR40		
Hobart	1996	2007	11	3.2	3.0	-0.5	0.3	Rosemount	Temp Control	
Horn Island	1996	2006	10	-14.2	5.7	-0.2	-0.2	Rosemount	Rosemount	Temp Control 2003
Kalgoorlie	1996	2011	15	0.0	-7.7	0.4	-0.5	Rosemount	Rosemount	
Kalbarri	1998	2001	3	13.4	11.7	-0.1	0.2	Rosemount	Rosemount	
Karijini North	2018			2.0		0.0		Rosemount		
Katanning	1998			-2.2		-0.7		Rosemount		
Launceston	2004			1.4		0.8		Rosemount		
Laverton	1997			9.2		0.9		Rosemount		
Learmonth	1996			-2.0		0.2		Rosemount		
Longreach	1996			-4.2		0.0		Rosemount		
Low Head	1997	2015	18	-4.6	1.3	-0.1	-0.1	Rosemount	Rosemount	
Mackay	1996	2013	17	-0.4	14.5	-0.2	0.4	Rosemount	WIKA TR40	
Marble Bar	2000	2002	2	5.6	12.7	-0.2	0.3	Rosemount	Rosemount	
Marree	1998	2001	3	6.6	11.8	0.3	0.4	Rosemount	Rosemount	
Meekatharra	1996	2008	12	-2.4	0.1	0.0	0.1	Rosemount	Rosemount	
Melbourne	1996	2013	17	8.0	2.3	0.3	0.0	Unknown		
Mildura	1996	2012	16	7.8	9.3	0.8	0.6	Unknown	Rosemount	
Miles	1997			3.6		-0.1		Rosemount		
Morawa	1997			1.6		0.0		Rosemount		
Moree	1996	2000	4	0.8	8.8	0.5	0.2	Rosemount	Rosemount	
Mt Gambier	1996	2009	13	8.6	2.2	0.4	0.5	Rosemount	Rosemount	
Nhill	2003	2012	9	-0.4	3.3	0.2	-0.3	Rosemount	Rosemount	
Normanton	2001			15.2		0.4		Rosemount		
Nowra	2000			2.6		1.2		Rosemount		
Nuriootpa	1996			7.4		0.8		Rosemount		
Oodnadatta	1996	2012	16	10.2	10.0	-0.4	0.3	Rosemount	WIKA TR40	
Orbost	2000			0.6		0.1		Rosemount		
Palmerville	2001			10.0		0.0		Rosemount		
Perth	1996			0.4		0.1		Rosemount		
Pt Perpendicular	2001	2015	14	0.2	3.3	0.9	0.4	Rosemount	Rosemount	
Port Hedland	1996	2000	4	-9.0	12.2	0.0	0.2	Unknown	Rosemount	
Port Lincoln	1996	2002	6	7.0	5.8	-0.3	0.6	Rosemount	Rosemount	
Port Macquarie	1996	2011	15	11.0	5.0	-0.3	0.6	Unknown	Temp Control	
Rabbit Flat	1997			-16.0		-0.7		Rosemount		
Richmond NSW	1996	2011	15	2.2	7.0	-0.2	-0.1	Rosemount	Rosemount	
Richmond Qld	1998			-2.2		0.2		Rosemount		
Robe	2003			2.4		0.1		Telmet 320		
Rockhampton	1996			-4.4		0.0		Rosemount		
Rutherglen	1998			6.8		0.4		Rosemount		
Sale	1996			6.0		0.8		Rosemount		
Scone	1996	2011	15	8.6	10.3	0.1	0.2	Rosemount	Temp Control	
Snowtown	1998			7.0		1.1		Rosemount		
St George	1997			1.6		-0.2		Rosemount		
Sydney	1996	2011	15	3.2	4.3	-0.4	0.3	Rosemount	Temp Control	Rosemount 2017
Tarcoola	1997			-3.2		0.0		Rosemount		
Tennant Creek	1996	2006	10	-9.6	4.8	-0.2	0.2	Rosemount	Temp Control	
Thargomindah	1999			2.8		0.3		Rosemount		
Tibooburra	1997			5.6		0.5		Rosemount		
Townsville	1996	2002	6	-6.8	8.2	-1.0	0.2	Rosemount	Rosemount	
Vic River Downs	1997	2009	12	-2.2	4.3	-0.1	0.0	Rosemount	Rosemount	
Wagga Wagga	1996			4.6		-0.4		Rosemount		
Walgett	1997			10.4		-0.4		Rosemount		
Wandering	1998			-8.8		-0.5		Rosemount		
Weipa	1996	2000	4	8.2	19.2	0.2	0.1	Rosemount	Rosemount	
Wilcannia	2000			13.4		0.0		Rosemount		
Williamstown	1999	2016	17	7.0	3.0	0.4	0.2	Rosemount	Rosemount	Temp Control 2005
Wilson's Prom	2000			6.0		-0.2		Rosemount		
Woomera	1996	2011	15	5.0	-1.3	-0.2	0.8	Rosemount	Temp Control	
Wyalong	1999			6.2		0.5		Rosemount		
Yamba	2007			-0.2		-0.7		Temp Control		
Averages above	1998.1	2008.3	11.6	1.9	6.0	0.1	0.2			
Averages between	1998.1	2008.4	10.3							
Averages start after 1996	2000.2			3.1		0.1				
Increased frequency				6.0	7.0	0.1	0.2			
Decreased frequency				-4.9	-2.5	-0.1	-0.1			

Stations 99th percentile maxima	102 AWS original probe	57 AWS replacement probe	Years till replacement	Original 99th percentile frequency change 5 year averages pa	Replacement 99th percentile frequency change 6 year averages pa	Original 99th percentile C temperature change 5 year averages pa	Replacement 99th percentile C temperature change 6 year averages pa	Original probes	Replacement probes	
Adelaide	1996	2003	7	2.4	3.6	-0.7	0.7	Rosemount	Rosemount	
Albany	2011			-0.6		0.4		Rosemount		
Alice Springs	1996	2011	15	-1.0	2.3	0.3	0.3	Unknown	Temp Control	
Amberley	1997			0.8		0.0		Rosemount		
Birdsville	2001			3.0		0.4		Rosemount		
Bourke	1998	2015	17	3.2	8.2	0.0	0.2	Rosemount	WIKA TR40	
Bridgetown	1998			-2.2		-0.2		Rosemount		
Brisbane	1996	2013	17	-1.4	0.8	0.5	0.1	Rosemount	Temp Control	
Broome	1996	2015	19	-1.2	0.7	0.4	0.5	Rosemount	Temp Control	
Bundaberg	1997	2010	13	4.0	1.2	0.3	0.0	Rosemount	Temp Control	
Burketown	2001	2007	6	7.0	-3.2	-0.3	0.1	Rosemount	Rosemount	
Butlers Gorge	2008			0.6		0.7		Temp Control		
Cabramurra	1996	1998	2	1.4	4.3	0.1	0.3	Rosemount	Rosemount	
Cairns	1996	2004	8	-5.0	0.4	-0.9	-0.3	Rosemount	Rosemount	
Camooeal	1997	2003	6	3.8	-2.2	0.1	0.3	Rosemount	Rosemount	
Canberra	2008			-0.6		0.6		Temp Control		
Cape Borda	2002			-1.0		0.5		Rosemount		
Cape Bruny	1997	2006	9	0.2	0.5	0.1	1.3	Rosemount	Rosemount	
Cape Leeuwin	1996	2004	8	0.8	-0.7	-1.0	1.2	Rosemount	Rosemount	Temp Control 2019
Cape Moreton	1996	2011	15	-0.2	1.5	-0.6	0.0	Rosemount	Rosemount	
Cape Otway	1994	2010	16	1.2	0.6	0.0	-0.6	Unknown	Temp Control	
Carnarvon	1996	2011	15	0.0	3.1	0.5	-0.4	Rosemount	Rosemount	
Ceduna	1996	2015	19	3.0	-1.3	0.1	-0.1	Rosemount	Temp Control	
Charleville	1996	2004	8	-1.0	1.9	-0.3	0.3	Unknown	Rosemount	
Cobar	1997	2016	19	0.8	6.2	-0.2	0.9	Rosemount	Rosemount	Temp Control 2004
Coffs Harbour	1996	2013	17	0.0	4.6	-1.9	0.0	WIKA TR40	WIKA TR40	
Cunderdin	1996			-0.8		0.0		Rosemount		
Dalwallinu	1997			-0.6		0.0		Rosemount		
Darwin	1996	2001	5	0.8	2.0	-0.3	0.3	Rosemount	Rosemount	
Deniliquin	1997			2.4		0.5		Rosemount		
Dubbo	1996	2011	15	1.6	2.2	0.8	0.1	Rosemount	WIKA TR40	
Eddystone	1996	2004	8	0.8	3.0	0.9	-0.4	Unknown		
Esperance	1996	2010	14	-0.8	-0.7	-1.0	0.0	Rosemount	Rosemount	
Eucla	1996	1999	3	-0.6	-0.9	-0.6	-0.5	Rosemount	Rosemount	
Forrest	1996	2011	15	1.2	0.3	-0.5	0.3	Rosemount	Temp Control	
Gabo Island	2000	2007	7	-1.0	3.0	-1.4	-1.2	Temp Control	Temp Control	
Gayndah	2003			-0.2		-0.2		Rosemount		
Georgetown	2004			-4.4		0.1		Rosemount		
Geraldton	1996	2011	15	2.4	2.5	-0.1	0.0	Rosemount	Rosemount	
Giles	1996	2009	13	-3.4	6.0	0.0	0.4	Rosemount	Rosemount	Temp Control 2008
Grove	2004			0.8		1.1		Rosemount		
Halls Creek	1996	2015	19	-3.0	5.9	-0.3	0.8	WIKA TR40		
Hobart	1996	2007	11	-0.2	1.2	-0.1	0.8	Rosemount	Temp Control	
Horn Island	1996	2006	10	-6.0	-1.8	0.5	-0.3	Rosemount	Rosemount	Temp Control 2003
Kalgoorlie	1996	2011	15	-0.2	-4.9	-0.4	0.1	Rosemount	Rosemount	
Kalbarri	1998	2001	3	1.0	2.4	0.4	0.3	Rosemount	Rosemount	
Karijini North	2018			1.0		0.3		Rosemount		
Katanning	1998			-2.8		0.7		Rosemount		
Launceston	2004			2.2		0.3		Rosemount		
Laverton	1997			1.8		0.2		Rosemount		
Learmonth	1996			1.0		-0.3		Rosemount		
Longreach	1996			-0.6		0.0		Rosemount		
Low Head	1997	2015	18	-2.2	-0.3	0.3	0.4	Rosemount	Rosemount	
Mackay	1996	2013	17	-0.2	4.8	-0.5	0.1	Rosemount	WIKA TR40	
Marble Bar	2000	2002	2	0.2	2.3	0.1	0.1	Rosemount	Rosemount	
Marree	1998	2001	3	2.6	5.3	0.3	0.2	Rosemount	Rosemount	
Meekatharra	1996	2008	12	0.0	1.2	-0.5	0.1	Rosemount	Rosemount	
Melbourne	1996	2013	17	2.0	0.7	-0.5	-0.3	Unknown		
Mildura	1996	2012	16	1.8	2.8	1.0	1.1	Unknown	Rosemount	
Miles	1997			-0.4		0.0		Rosemount		
Morawa	1997			-0.2		-0.1		Rosemount		
Moree	1996	2000	4	-0.6	1.3	0.1	0.0	Rosemount	Rosemount	
Mt Gambier	1996	2009	13	3.0	2.7	0.3	-0.1	Rosemount	Rosemount	
Nhill	2003	2012	9	0.2	0.4	0.4	0.1	Rosemount	Rosemount	
Normanton	2001			4.0		0.5		Rosemount		
Nowra	2000			2.8		0.2		Rosemount		
Nuriootpa	1996			1.4		0.6		Rosemount		
Oodnadatta	1996	2012	16	1.6	4.8	0.1	-0.2	Rosemount	WIKA TR40	
Orbost	2000			-2.2		0.0		Rosemount		
Palmerville	2001			5.6		0.1		Rosemount		
Perth	1996			0.8		0.0		Rosemount		
Pt Perpendicular	2001	2015	14	2.4	2.1	0.8	0.0	Rosemount	Rosemount	
Port Hedland	1996	2000	4	0.2	3.0	0.1	0.1	Unknown	Rosemount	
Port Lincoln	1996	2002	6	1.6	2.0	-0.2	0.5	Rosemount	Rosemount	
Port Macquarie	1996	2011	15	1.0	6.3	-0.8	0.1	Unknown	Temp Control	
Rabbit Flat	1997			-5.2		-0.1		Rosemount		
Richmond NSW	1996	2011	15	0.6	1.0	-0.2	0.1	Rosemount	Rosemount	
Richmond Qld	1998			-1.0		0.5		Rosemount		
Robe	2003			1.0		0.0		Telmet 320		
Rockhampton	1996			-1.4		0.2		Rosemount		
Rutherglen	1998			2.2		0.4		Rosemount		
Sale	1996			2.8		-0.4		Rosemount		
Scone	1996	2011	15	2.2	3.0	0.8	-0.1	Rosemount	Temp Control	
Snowtown	1998			3.8		0.2		Rosemount		
St George	1997			-1.2		-0.1		Rosemount		
Sydney	1996	2011	15	-0.4	2.7	-0.4	-0.2	Rosemount	Temp Control	Rosemount 2017
Tarcoola	1997			0.2		-1.1		Rosemount		
Tennant Creek	1996	2006	10	-1.6	1.5	-0.2	0.5	Rosemount	Temp Control	
Thargomindah	1999			1.6		0.0		Rosemount		
Tibooburra	1997			-1.4		0.0		Rosemount		
Townsville	1996	2002	6	-4.8	-0.4	-1.2	0.8	Rosemount	Rosemount	
Vic River Downs	1997	2009	12	-0.4	0.3	0.2	-0.2	Rosemount	Rosemount	
Wagga Wagga	1996			1.2		-0.5		Rosemount		
Walgett	1997			1.0		0.3		Rosemount		
Wandering	1998			-2.2		-0.4		Rosemount		
Weipa	1996	2000	4	3.4	7.2	0.4	0.0	Rosemount	Rosemount	
Wilcannia	2000			6.8		0.8		Rosemount		
Williamstown	1999	2016	17	3.0	3.2	0.3	0.1	Rosemount	Rosemount	Temp Control 2005
Wilson's Prom	2000			-0.4		-1.6		Rosemount		
Woomera	1996	2011	15	0.2	3.5	0.3	0.5	Rosemount	Temp Control	
Wyalong	1999			2.8		0.7		Rosemount		
Yamba	2007			-3.4		-1.0		Temp Control		
Averages above	1998.1	2008.3	11.6	0.4	2.0	-0.0	0.2			
Averages between	1998.1	2008.4	10.3							
Averages start after 1996	2000.2			0.8		0.1				
Increased frequency				2.0	2.8	0.1	0.2			
Decreased frequency				-1.6	-1.6	-0.1	0.2			

Stations 10th percentile minima	102 AWS original probe	57 AWS replacement probe	Years till replacement	Original 10th percentile frequency change 5 year averages pa	Replacement 10th percentile frequency change 6 year averages pa	Original 10th percentile C temperature change 5 year averages pa	Replacement 10th percentile C temperature change 6 year averages pa	Original probes	Replacement probes	
Adelaide	1996	2003	7	2.6	-0.7	-0.1	0.1	Rosemount	Rosemount	
Albany	2011			-1.0		0.0		Rosemount		
Alice Springs	1996	2011	15	8.4	6.7	-0.3	-0.6	Unknown	Temp Control	
Amberley	1997			-4.0		-0.3		Rosemount		
Birdsville	2001			6.4		0.1		Rosemount		
Bourke	1998	2015	17	13.6	7.0	-0.3	0.4	Rosemount	WIKA TR40	
Bridgetown	1998			-3.2		0.2		Rosemount		
Brisbane	1996	2013	17	-6.8	-10.7	0.4	0.4	Rosemount	Temp Control	
Broome	1996	2015	19	-5.2	-2.8	0.1	0.5	Rosemount	Temp Control	
Bundaberg	1997	2010	13	-2.0	10.7	-0.1	-0.5	Rosemount	Temp Control	
Burketown	2001	2007	6	1.0	4.0	-0.3	0.2	Rosemount	Rosemount	
Butlers Gorge	2008			-4.0		-0.3		Temp Control		
Cabramurra	1996	1998	2	-21.2	-24.0	-0.1	0.0	Rosemount	Rosemount	
Cairns	1996	2004	8	4.6	-6.5	-0.4	-0.1	Rosemount	Rosemount	
Camooeal	1997	2003	6	8.2	5.3	-0.5	0.1	Rosemount	Rosemount	
Canberra	2008			12.6		-0.3		Temp Control		
Cape Borda	2002			3.6		-0.1		Rosemount		
Cape Bruny	1997	2006	9	-18.2	-1.5	0.4	0.0	Rosemount	Rosemount	
Cape Leeuwin	1996	2004	8	-5.0	1.0	-0.1	0.0	Rosemount	Rosemount	Temp Control 2019
Cape Moreton	1996	2011	15	-6.0	-1.2	-0.1	0.0	Rosemount	Rosemount	
Cape Otway	1994	2010	16	3.6	-7.2	0.3	-0.2	Unknown	Temp Control	
Carnarvon	1996	2011	15	14.0	-7.0	-0.5	0.2	Rosemount	Rosemount	
Ceduna	1996	2015	19	8.0	5.0	-0.4	-0.2	Rosemount	Temp Control	
Charleville	1996	2004	8	-0.4	-6.8	-0.2	0.2	Unknown	Rosemount	
Cobar	1997	2016	19	3.0	5.7	0.2	0.0	Rosemount	Rosemount	Temp Control 2004
Coffs Harbour	1996	2013	17	-16.0	-4.7	0.1	-0.6	WIKA TR40	WIKA TR40	
Cunderdin	1996			44.4		-1.1		Rosemount		
Dalwallinu	1997			-1.2		-0.2		Rosemount		
Darwin	1996	2001	5	6.4	15.8	0.0	-0.3	Rosemount	Rosemount	
Deniliquin	1997			2.4		0.0		Rosemount		
Dubbo	1996	2011	15	-1.4	1.3	0.2	-0.2	Rosemount	WIKA TR40	
Eddystone	1996	2004	8	-16.2	2.3	0.3	0.0	Unknown		
Esperance	1996	2010	14	-1.2	-5.8	-0.2	0.0	Rosemount	Rosemount	
Eucla	1996	1999	3	1.6	3.2	-0.1	0.0	Rosemount	Rosemount	
Forrest	1996	2011	15	2.0	1.0	-0.4	-0.2	Rosemount	Temp Control	
Gabo Island	2000	2007	7	1.0	8.5	-0.1	0.0	Temp Control	Temp Control	
Gayndah	2003			0.8		0.4		Rosemount		
Georgetown	2004			-9.0		0.4		Rosemount		
Geraldton	1996	2011	15	5.2	3.2	-0.2	-0.1	Rosemount	Rosemount	
Giles	1996	2009	13	11.2	-3.7	-0.2	-0.2	Rosemount	Rosemount	Temp Control 2008
Grove	2004			14.2		-0.3		Rosemount		
Halls Creek	1996	2015	19	2.8	3.4	-0.2	-0.4	WIKA TR40		
Hobart	1996	2007	11	-8.6	2.2	0.3	-0.1	Rosemount	Temp Control	
Horn Island	1996	2006	10	-7.8	-8.3	-0.7	0.3	Rosemount	Rosemount	Temp Control 2003
Kalgoorlie	1996	2011	15	2.2	0.3	-0.1	-0.2	Rosemount	Rosemount	
Kalbarri	1998	2001	3	25.8	18.8	-0.5	-0.9	Rosemount	Rosemount	
Karijini North	2018			-3.0		-0.1		Rosemount		
Katanning	1998			-9.4		0.3		Rosemount		
Launceston	2004			-4.2		0.1		Rosemount		
Laverton	1997			-3.4		-0.3		Rosemount		
Learmonth	1996			2.6		-0.4		Rosemount		
Longreach	1996			-0.6		-0.5		Rosemount		
Low Head	1997	2015	18	-15.2	4.8	0.3	-0.1	Rosemount	Rosemount	
Mackay	1996	2013	17	-0.8	-11.2	-0.1	-0.1	Rosemount	WIKA TR40	
Marble Bar	2000	2002	2	14.4	4.3	-0.1	-0.2	Rosemount	Rosemount	
Marree	1998	2001	3	-0.2	3.0	0.2	-0.1	Rosemount	Rosemount	
Meekatharra	1996	2008	12	10.6	1.0	-0.1	-0.1	Rosemount	Rosemount	
Melbourne	1996	2013	17	-5.6	4.8	0.0	-0.1	Unknown		
Mildura	1996	2012	16	3.2	-0.3	-0.1	0.0	Unknown	Rosemount	
Miles	1997			-4.8		0.0		Rosemount		
Morawa	1997			8.2		-0.2		Rosemount		
Moree	1996	2000	4	-5.4	9.0	0.1	-0.3	Rosemount	Rosemount	
Mt Gambier	1996	2009	13	1.6	-2.7	-0.2	0.0	Rosemount	Rosemount	
Nhill	2003	2012	9	-12.6	-6.3	0.6	0.2	Rosemount	Rosemount	
Normanton	2001			3.0		-0.3		Rosemount		
Nowra	2000			0.8		0.1		Rosemount		
Nuriootpa	1996			-1.0		-0.1		Rosemount		
Oodnadatta	1996	2012	16	25.0	-3.2	-0.2	0.1	Rosemount	WIKA TR40	
Orbost	2000			-3.2		-0.1		Rosemount		
Palmerville	2001			15.2		-0.6		Rosemount		
Perth	1996			17.2		-0.6		Rosemount		
Pt Perpendicular	2001	2015	14	-9.8	-1.2	0.5	0.0	Rosemount	Rosemount	
Port Hedland	1996	2000	4	-6.0	3.8	-0.3	0.1	Unknown	Rosemount	
Port Lincoln	1996	2002	6	15.0	7.7	-0.1	-0.1	Rosemount	Rosemount	
Port Macquarie	1996	2011	15	-10.4	-4.0	-0.5	0.0	Unknown	Temp Control	
Rabbit Flat	1997			0.8		0.4		Rosemount		
Richmond NSW	1996	2011	15	7.2	-4.5	0.1	0.2	Rosemount	Rosemount	
Richmond Qld	1998			6.0		0.5		Rosemount		
Robe	2003			7.6		0.0		Telmet 320		
Rockhampton	1996			-1.6		0.2		Rosemount		
Rutherglen	1998			3.0		0.1		Rosemount		
Sale	1996			16.6		-0.5		Rosemount		
Scone	1996	2011	15	7.0	-2.2	-0.2	-0.1	Rosemount	Temp Control	
Snowtown	1998			22.8		0.0		Rosemount		
St George	1997			18.0		-0.8		Rosemount		
Sydney	1996	2011	15	-6.6	-0.8	0.2	0.2	Rosemount	Temp Control	Rosemount 2017
Tarcoola	1997			-0.6		-0.3		Rosemount		
Tennant Creek	1996	2006	10	-1.4	9.3	-0.4	0.1	Rosemount	Temp Control	
Thargomindah	1999			-1.2		0.3		Rosemount		
Tibooburra	1997			-5.2		0.0		Rosemount		
Townsville	1996	2002	6	1.0	-7.8	0.2	-0.2	Rosemount	Rosemount	
Vic River Downs	1997	2009	12	2.0	2.3	0.3	0.0	Rosemount	Rosemount	
Wagga Wagga	1996			4.2		-0.3		Rosemount		
Walgett	1997			17.0		-0.9		Rosemount		
Wandering	1998			4.0		-0.3		Rosemount		
Weipa	1996	2000	4	-4.0	8.0	-0.1	-0.1	Rosemount	Rosemount	
Wilcannia	2000			10.6		0.4		Rosemount		
Williamstown	1999	2016	17	7.8	-3.3	0.0	-0.1	Rosemount	Rosemount	Temp Control 2005
Wilson's Prom	2000			-1.8		0.0		Rosemount		
Woomera	1996	2011	15	0.2	5.0	0.0	0.1	Rosemount	Temp Control	
Wyalong	1999			-1.8		0.5		Rosemount		
Yamba	2007			-0.8		0.0		Temp Control		
Averages above	1998.1	2008.3	11.6	2.0	0.5	-0.1	-0.1			
Averages between	1998.1	2008.4	10.3							
Averages start after 1996	2000.2			2.2		-0.0				
Increased frequency				8.4	5.4	-0.2	-0.1			
Decreased frequency				-5.5	-5.3	0.0	0.0			

Stations 5th percentile minima	102 AWS original probe	57 AWS replacement probe	Years till replacement	Original 5th percentile frequency change 5 year averages pa	Replacement 5th percentile frequency change 6 year averages pa	Original 5th percentile C temperature change 5 year averages pa	Replacement 5th percentile C temperature change 6 year averages pa	Original probes	Replacement probes	
Adelaide	1996	2003	7	0.8	-2.8	-0.1	-0.1	Rosemount	Rosemount	
Albany	2011			-2.4		-0.1		Rosemount		
Alice Springs	1996	2011	15	3.8	0.8	-0.4	-0.7	Unknown	Temp Control	
Amberley	1997			-1.2		-0.3		Rosemount		
Birdsville	2001			1.0		-0.1		Rosemount		
Bourke	1998	2015	17	12.8	0.3	-0.3	0.3	Rosemount	WIKA TR40	
Bridgetown	1998			-3.2		-0.2		Rosemount		
Brisbane	1996	2013	17	-10.0	-9.2	0.0	0.3	Rosemount	Temp Control	
Broome	1996	2015	19	-6.2	-8.2	-0.2	0.3	Rosemount	Temp Control	
Bundaberg	1997	2010	13	-2.4	7.2	-0.1	-0.3	Rosemount	Temp Control	
Burketown	2001	2007	6	2.4	3.5	-0.5	0.3	Rosemount	Rosemount	
Butlers Gorge	2008			1.6		-0.3		Temp Control		
Cabramurra	1996	1998	2	-11.4	-13.8	0.0	0.1	Rosemount	Rosemount	
Cairns	1996	2004	8	4.0	-3.1	-0.4	0.0	Rosemount	Rosemount	
Camooeal	1997	2003	6	6.4	3.2	-0.6	0.4	Rosemount	Rosemount	
Canberra	2008			9.2		-0.2		Temp Control		
Cape Borda	2002			5.4		0.0		Rosemount		
Cape Bruny	1997	2006	9	-14.4	-0.5	0.2	0.1	Rosemount	Rosemount	
Cape Leeuwin	1996	2004	8	-1.0	0.7	0.1	0.0	Rosemount	Rosemount	Temp Control 2019
Cape Moreton	1996	2011	15	-2.2	-0.2	-0.2	0.3	Rosemount	Rosemount	
Cape Otway	1994	2010	16	1.4	-1.5	0.3	0.0	Unknown	Temp Control	
Carnarvon	1996	2011	15	11.0	-5.3	-0.5	0.2	Rosemount	Rosemount	
Ceduna	1996	2015	19	6.6	5.0	-0.5	-0.2	Rosemount	Temp Control	
Charleville	1996	2004	8	0.2	-5.2	-0.1	0.2	Unknown	Rosemount	
Cobar	1997	2016	19	0.0	3.0	0.2	-0.1	Rosemount	Rosemount	Temp Control 2004
Coffs Harbour	1996	2013	17	-6.4	4.3	0.1	-0.2	WIKA TR40	WIKA TR40	
Cunderdin	1996			34.8		-0.9		Rosemount		
Dalwallinu	1997			2.0		0.0		Rosemount		
Darwin	1996	2001	5	0.8	12.2	-0.3	0.0	Rosemount	Rosemount	
Deniliquin	1997			2.8		0.0		Rosemount		
Dubbo	1996	2011	15	-0.2	2.9	0.2	-0.1	Rosemount	WIKA TR40	
Eddystone	1996	2004	8	-10.6	0.3	0.3	-0.1	Unknown		
Esperance	1996	2010	14	2.0	-2.8	-0.3	0.0	Rosemount	Rosemount	
Eucla	1996	1999	3	4.2	1.5	0.1	0.1	Rosemount	Rosemount	
Forrest	1996	2011	15	4.0	3.8	-0.4	0.0	Rosemount	Temp Control	
Gabo Island	2000	2007	7	-5.0	5.0	-0.1	0.0	Temp Control	Temp Control	
Gayndah	2003			-2.2		0.1		Rosemount		
Georgetown	2004			-5.8		0.5		Rosemount		
Geraldton	1996	2011	15	3.2	2.5	-0.4	-0.1	Rosemount	Rosemount	
Giles	1996	2009	13	9.4	0.5	0.0	-0.2	Rosemount	Rosemount	Temp Control 2008
Grove	2004			10.2		-0.3		Rosemount		
Halls Creek	1996	2015	19	1.0	2.7	0.3	-0.2	WIKA TR40		
Hobart	1996	2007	11	-8.0	2.0	0.2	-0.1	Rosemount	Temp Control	
Horn Island	1996	2006	10	3.6	-8.2	-1.0	0.0	Rosemount	Rosemount	Temp Control 2003
Kalgoorlie	1996	2011	15	0.6	1.0	-0.2	-0.1	Rosemount	Rosemount	
Kalbarri	1998	2001	3	17.6	13.2	-0.4	-0.7	Rosemount	Rosemount	
Karijini North	2018			-4.5		-0.5		Rosemount		
Katanning	1998			-10.4		0.2		Rosemount		
Launceston	2004			-3.4		0.1		Rosemount		
Laverton	1997			2.6		-0.1		Rosemount		
Learmonth	1996			5.6		-0.3		Rosemount		
Longreach	1996			4.2		-0.1		Rosemount		
Low Head	1997	2015	18	-9.2	3.7	0.3	0.1	Rosemount	Rosemount	
Mackay	1996	2013	17	0.6	-2.0	0.1	0.2	Rosemount	WIKA TR40	
Marble Bar	2000	2002	2	5.8	4.8	-0.5	-0.3	Rosemount	Rosemount	
Marree	1998	2001	3	-2.8	4.0	0.2	0.0	Rosemount	Rosemount	
Meekatharra	1996	2008	12	5.6	0.8	-0.2	-0.2	Rosemount	Rosemount	
Melbourne	1996	2013	17	-0.8	2.2	0.5	-0.3	Unknown		
Mildura	1996	2012	16	2.8	0.3	-0.2	-0.1	Unknown	Rosemount	
Miles	1997			-2.4		0.2		Rosemount		
Morawa	1997			6.4		0.0		Rosemount		
Moree	1996	2000	4	-2.6	6.5	0.1	0.0	Rosemount	Rosemount	
Mt Gambier	1996	2009	13	2.6	-0.8	0.0	0.0	Rosemount	Rosemount	
Nhill	2003	2012	9	-12.2	-4.7	0.6	0.0	Rosemount	Rosemount	
Normanton	2001			1.2		-0.5		Rosemount		
Nowra	2000			-1.2		0.0		Rosemount		
Nuriootpa	1996			0.4		0.1		Rosemount		
Oodnadatta	1996	2012	16	11.0	-3.5	-0.2	0.0	Rosemount	WIKA TR40	
Orbost	2000			0.0		0.1		Rosemount		
Palmerville	2001			12.6		-0.5		Rosemount		
Perth	1996			15.4		-0.4		Rosemount		
Pt Perpendicular	2001	2015	14	-6.4	-1.0	1.1	0.0	Rosemount	Rosemount	
Port Hedland	1996	2000	4	-1.6	0.5	-0.1	0.2	Unknown	Rosemount	
Port Lincoln	1996	2002	6	8.4	6.3	-0.1	-0.1	Rosemount	Rosemount	
Port Macquarie	1996	2011	15	0.8	-1.3	-0.6	0.0	Unknown	Temp Control	
Rabbit Flat	1997			-1.6		0.4		Rosemount		
Richmond NSW	1996	2011	15	3.8	-5.2	0.2	0.3	Rosemount	Rosemount	
Richmond Qld	1998			1.8		-0.1		Rosemount		
Robe	2003			5.2		0.1		Telmet 320		
Rockhampton	1996			-2.4		0.1		Rosemount		
Rutherglen	1998			0.2		0.1		Rosemount		
Sale	1996			14.2		0.0		Rosemount		
Scone	1996	2011	15	4.6	-1.5	-0.1	-0.2	Rosemount	Temp Control	
Snowtown	1998			8.2		-0.4		Rosemount		
St George	1997			13.6		-0.7		Rosemount		
Sydney	1996	2011	15	-6.2	-2.8	0.1	0.2	Rosemount	Temp Control	Rosemount 2017
Tarcoola	1997			2.4		-0.3		Rosemount		
Tennant Creek	1996	2006	10	3.0	3.7	-0.2	0.0	Rosemount	Temp Control	
Thargomindah	1999			-3.4		0.1		Rosemount		
Tibooburra	1997			-6.6		0.0		Rosemount		
Townsville	1996	2002	6	-0.2	-1.0	0.3	-0.1	Rosemount	Rosemount	
Vic River Downs	1997	2009	12	-3.0	2.7	0.4	0.0	Rosemount	Rosemount	
Wagga Wagga	1996			6.4		-0.1		Rosemount		
Walgett	1997			21.2		-0.5		Rosemount		
Wandering	1998			7.0		0.0		Rosemount		
Weipa	1996	2000	4	-2.0	7.8	-0.1	-0.1	Rosemount	Rosemount	
Wilcannia	2000			6.8		0.5		Rosemount		
Williamstown	1999	2016	17	5.2	0.5	0.0	0.2	Rosemount	Rosemount	Temp Control 2005
Wilson's Prom	2000			0.4		0.2		Rosemount		
Woomera	1996	2011	15	-0.6	0.5	0.0	0.1	Rosemount	Temp Control	
Wyalong	1999			-5.0		0.3		Rosemount		
Yamba	2007			0.6		0.0		Temp Control		
Averages above	1998.1	2008.3	11.6	1.7	0.6	-0.1	-0.0			
Averages between	1998.1	2008.4	10.3							
Averages start after 1996	2000.2			1.2		-0.0				
Increased frequency				5.8	3.4	-0.2	-0.1			
Decreased frequency				-4.6	-3.8	0.1	0.1			

Stations 1st percentile minima	102 AWS original probe	57 AWS replacement probe	Years till replacement	Original 1st percentile frequency change 5 year averages pa	Replacement 1st percentile frequency change 6 year averages pa	Original 1st percentile C temperature change 5 year averages pa	Replacement 1st percentile C temperature change 6 year averages pa	Original probes	Replacement probes	
Adelaide	1996	2003	7	-0.6	1.3	0.0	-0.2	Rosemount	Rosemount	
Albany	2011			-0.4		-0.2		Rosemount		
Alice Springs	1996	2011	15	1.6	4.3	0.4	0.0	Unknown	Temp Control	
Amberley	1997			1.2		0.4		Rosemount		
Birdsville	2001			-0.4		-0.1		Rosemount		
Bourke	1998	2015	17	7.2	-2.2	0.5	0.3	Rosemount	WIKA TR40	
Bridgetown	1998			-0.4		0.3		Rosemount		
Brisbane	1996	2013	17	-1.8	-4.0	0.0	0.5	Rosemount	Temp Control	
Broome	1996	2015	19	-0.6	-1.8	-0.1	0.2	Rosemount	Temp Control	
Bundaberg	1997	2010	13	0.6	2.2	0.3	-0.4	Rosemount	Temp Control	
Burketown	2001	2007	6	0.0	0.2	-2.4	1.8	Rosemount	Rosemount	
Butlers Gorge	2008			1.2		-0.4		Temp Control		
Cabramurra	1996	1998	2	-3.8	-4.7	0.2	0.5	Rosemount	Rosemount	
Cairns	1996	2004	8	2.4	-1.3	-0.6	0.0	Rosemount	Rosemount	
Camooeal	1997	2003	6	2.0	-0.7	-0.3	0.5	Rosemount	Rosemount	
Canberra	2008			2.2		-0.2		Temp Control		
Cape Borda	2002			2.0		1.0		Rosemount		
Cape Bruny	1997	2006	9	-3.8	-0.1	-0.3	0.3	Rosemount	Rosemount	
Cape Leeuwin	1996	2004	8	-0.8	0.3	-0.2	0.0	Rosemount	Rosemount	Temp Control 2019
Cape Moreton	1996	2011	15	1.2	-1.0	0.0	-0.3	Rosemount	Rosemount	
Cape Otway	1994	2010	16	-0.2	-0.5	-0.1	-0.2	Unknown	Temp Control	
Carnarvon	1996	2011	15	4.2	-3.5	-0.9	-0.2	Rosemount	Rosemount	
Ceduna	1996	2015	19	4.0	1.2	-0.6	-0.1	Rosemount	Temp Control	
Charleville	1996	2004	8	0.0	-1.5	-0.1	0.1	Unknown	Rosemount	
Cobar	1997	2016	19	-0.8	0.5	0.2	-0.5	Rosemount	Rosemount	Temp Control 2004
Coffs Harbour	1996	2013	17	-2.0	1.3	0.4	0.2	Unknown	WIKA TR40	
Cunderdin	1996							Rosemount		
Dalwallinu	1997			0.0		0.0		Rosemount		
Darwin	1996	2001	5	-0.4	4.2	-0.1	-0.1	Rosemount	Rosemount	
Deniliquin	1997			-0.2		-0.1		Rosemount		
Dubbo	1996	2011	15	-2.0	1.3	0.2	0.1	Rosemount	WIKA TR40	
Eddystone	1996	2004	8					Unknown		
Esperance	1996	2010	14	0.8	-0.3	-0.5	0.4	Rosemount	Rosemount	
Eucla	1996	1999	3	1.4	-1.0	0.9	0.2	Rosemount	Rosemount	
Forrest	1996	2011	15	1.8	1.7	0.1	-0.2	Rosemount	Temp Control	
Gabo Island	2000	2007	7	-3.0	-0.1	0.1	0.0	Temp Control	Temp Control	
Gayndah	2003			-0.6		0.3		Rosemount		
Georgetown	2004			-2.0		-0.1		Rosemount		
Geraldton	1996	2011	15	2.8	0.7	-0.1	-0.2	Rosemount	Rosemount	
Giles	1996	2009	13	0.4	2.0	-0.2	-0.1	Rosemount	Rosemount	Temp Control 2008
Grove	2004			3.2		0.1		Rosemount		
Halls Creek	1996	2015	19					WIKA TR40		
Hobart	1996	2007	11	-3.2	1.1	-0.1	0.0	Rosemount	Temp Control	
Horn Island	1996	2006	10	6.2	-4.5	-1.3	-0.5	Rosemount	Rosemount	Temp Control 2003
Kalgoorlie	1996	2011	15	1.8	1.3	0.0	0.0	Rosemount	Rosemount	
Kalbarri	1998	2001	3	4.2	3.3	-0.3	-0.4	Rosemount	Rosemount	
Karijini North	2018			0.5		-0.3		Rosemount		
Katanning	1998			-3.8		0.1		Rosemount		
Launceston	2004			-1.4		0.1		Rosemount		
Laverton	1997			1.4		0.1		Rosemount		
Learmonth	1996			2.0		-0.2		Rosemount		
Longreach	1996			1.2		-0.1		Rosemount		
Low Head	1997	2015	18	-2.8	0.0	0.2	0.5	Rosemount	Rosemount	
Mackay	1996	2013	17					Rosemount	WIKA TR40	
Marble Bar	2000	2002	2	1.4	0.7	-0.4	-0.2	Rosemount	Rosemount	
Marree	1998	2001	3	-1.4	0.2	0.0	-0.1	Rosemount	Rosemount	
Meekatharra	1996	2008	12	0.8	1.4	-0.4	0.8	Rosemount	Rosemount	
Melbourne	1996	2013	17	-0.4		-0.3		Unknown		
Mildura	1996	2012	16	0.4	-1.0	-0.4	-0.2	Unknown	Rosemount	
Miles	1997			-2.8		-0.2		Rosemount		
Morawa	1997			0.6		-0.5		Rosemount		
Moree	1996	2000	4	-1.4	0.5	-0.3	-0.1	Rosemount	Rosemount	
Mt Gambier	1996	2009	13	0.8	-0.7	0.1	0.2	Rosemount	Rosemount	
Nhill	2003	2012	9	-7.8	-2.0	0.3	0.3	Rosemount	Rosemount	
Normanton	2001			1.6		0.2		Rosemount		
Nowra	2000			-1.2		-0.4		Rosemount		
Nuriootpa	1996			1.0		0.0		Rosemount		
Oodnadatta	1996	2012	16	2.2	-1.2	0.1	0.3	Rosemount	WIKA TR40	
Orbost	2000			-1.4		-0.1		Rosemount		
Palmerville	2001			2.0		-0.5		Rosemount		
Perth	1996			5.2		-0.4		Rosemount		
Pt Perpendicular	2001	2015	14	-4.8	-0.3	1.9	-0.1	Rosemount	Rosemount	
Port Hedland	1996	2000	4	0.2	0.3	0.1	0.0	Unknown	Rosemount	
Port Lincoln	1996	2002	6	2.6	2.0	-0.1	0.0	Rosemount	Rosemount	
Port Macquarie	1996	2011	15	2.2	-0.2	-0.8	-0.1	Unknown	Temp Control	
Rabbit Flat	1997			-0.2		-0.5		Rosemount		
Richmond NSW	1996	2011	15	-0.2	-3.8	-0.3	0.3	Rosemount	Rosemount	
Richmond Qld	1998			0.8		-0.5		Rosemount		
Robe	2003			0.4		0.0		Telmet 320		
Rockhampton	1996			-1.2		0.0		Rosemount		
Rutherglen	1998			-1.6		0.1		Rosemount		
Sale	1996			3.2		-0.2		Rosemount		
Scone	1996	2011	15	3.2	0.1	-0.1	0.2	Rosemount	Temp Control	
Snowtown	1998			3.0		-0.4		Rosemount		
St George	1997			5.8		-0.9		Rosemount		
Sydney	1996	2011	15	-2.2	-0.7	-0.1	0.4	Rosemount	Temp Control	Rosemount 2017
Tarcoola	1997							Rosemount		
Tennant Creek	1996	2006	10		0.2		-0.1	Rosemount	Temp Control	
Thargomindah	1999			-1.0		0.2		Rosemount		
Tibooburra	1997			-3.0		0.0		Rosemount		
Townsville	1996	2002	6	-0.4	-0.3	0.4	-0.2	Rosemount	Rosemount	
Vic River Downs	1997	2009	12	1.6	1.7	-0.4	0.0	Rosemount	Rosemount	
Wagga Wagga	1996			2.6		-0.5		Rosemount		
Walgett	1997			4.2		-0.7		Rosemount		
Wandering	1998			0.2		0.0		Rosemount		
Weipa	1996	2000	4	1.6	1.9	-0.6	-0.4	Rosemount	Rosemount	
Wilcannia	2000			-3.4		0.4		Rosemount		
Williamstown	1999	2016	17	0.0	0.5	-0.2	0.6	Rosemount	Rosemount	Temp Control 2005
Wilson's Prom	2000			-1.8		0.1		Rosemount		
Woomera	1996	2011	15	0.8	-1.3	0.3	0.2	Rosemount	Temp Control	
Wyalong	1999			-2.2		0.1		Rosemount		
Yamba	2007			0.0		0.1		Temp Control		
Averages above	1998.1	2008.3	11.6	0.3	-0.0	-0.1	0.1	Note : probes omitted had no 1st percentile temperatures either before or after original installation or replacement		
Averages between	1998.1	2008.4	10.3							
Averages start after 1996	2000.2			-0.1		-0.1				
Increased frequency				2.1	1.3	-0.2	0.0			
Decreased frequency				-1.8	-1.5	0.0	0.1			