

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes	
Broome	03003	Min	01/01/2002	Statistical	0.6		3096	3032	3030	3093	1018	3057						
Broome	03003	Min	02/08/1995	Merge	-0.3		3089											
Broome	03003	Min	01/01/1992	Statistical	-0.48		3032	3030	3007	3057								
Broome	03003	Min	01/01/1958	Statistical	0.38		2012	3006	3004									
Broome	03003	Min	11/08/1939	Merge	0.17	Spring 0.74	3002											Only 1939-44 used in merge
Broome	03003	Max	01/12/1921	Screen	-0.26	Spring -0.4; Summer -0.3	4002	3007										Some correlations in 0.5-0.6 range
Port Hedland	04032	Max	10/12/1998	Merge	-0.28	Winter -0.46; Summer -0.5	4104											
Port Hedland	04032	Min	01/01/1975	Statistical	-0.51		4074	4020	5061	4035	4027	5008	4027	5026	3030	5017		Spike 1972-75
Port Hedland	04032	Min	01/01/1975	Statistical	0.31		4074	4020	5061	4035	4027	5008	4027	5026	3030	5017		1969-71 used in adjustment
Port Hedland	04032	Min	01/01/1968	Statistical	-0.51		4020	4035	4027	5008	3059	4019	7062					
Port Hedland	04032	Max	01/01/1959	Statistical	0.45		4020	5026	5017									
Port Hedland	04032	Min	01/01/1954	Statistical	0.37		4020	4035	7062									
Port Hedland	04032	Max	01/01/1951	Statistical	0.32		4035	4020	4027	5017								
Port Hedland	04032	Min	01/07/1948	Move (n)	-1.53		4020	4035	7062									No adjustment required for max
Port Hedland	04032	Max	01/05/1943	Move	0.33		4035	4020	4027	5017								
Port Hedland	04032	Min	01/05/1943	Move	-0.28	Spring -0.33; Summer -0.47	4020	4035	7062									
Port Hedland	04032	Max	01/01/1937	Statistical	0.89		4035	4020	4027									
Marble Bar	04106	Max	02/10/1997	Move	-0.71		13030	5026	4035	5069	4032	13017	13011	4019	7080	5008		No adjustment for 04020/04106 merge
Marble Bar	04106	Min	02/10/1997	Move	-0.59		4032	13030	4035	5026								Adjustments across moves in 1995 and 1997, using 1998-2002 and 1990-94 as reference
Marble Bar	04106	Max	19/07/1988	Move	0.32		4084	4074	4043	13030	5026	7151	4035	7178	5069	4032		
Marble Bar	04106	Max	01/08/1984	Move	0.57		4084	4074	4043	13030	5026	7151	4035	7178	5069	4032		
Marble Bar	04106	Max	01/05/1967	Move	-0.41		5026	4035	7062	4032	13017	4019	5008					1960-64 used as ref (1965 move)
Marble Bar	04106	Min	01/05/1967	Move	0.56		4032	4035	5026	7062								1960-64 used as ref (1965 move)
Marble Bar	04106	Max	01/11/1944	Move	-0.52		13012	4035	7062									
Wittenoom	05026	Max	01/01/1985	Statistical	0.47		4043	7151	4020	7178	4084	5069	4074	4035	13030	7080		
Wittenoom	05026	Max	01/01/1979	Statistical	-0.49		4043	5064	4079	7151	4027	4020	4084	5069	4074	4035		

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes
Carnarvon	06011	Min	01/01/1975	Statistical*	-0.53		6025	6022	7057	7064	7045	7017	8093	7161	13012	8095	Site known to have moved at some point in first half of 1970s
Carnarvon	06011	Max	01/01/1973	Statistical*	0.61		6087	8251	8051	6025							
Carnarvon	06011	Min	01/01/1964	Obs time	-0.26		6025	7057	7091	7017	8093	8095	13012	12052	12046	8028	
Carnarvon	06011	Max	10/01/1945	Merge	0.69		6062										
Carnarvon	06011	Min	10/01/1945	Merge	-1.04		6062										
Carnarvon	06011	Max	01/09/1931	Screen	-0.01	Autumn 0.37; Summer -0.30	8050	8028	8095								Some correlations in 0.5-0.6 range
Carnarvon	06011	Min	01/09/1931	Screen	-0.44		6025	7091	7017	8093	13012	8095	7046	12052	8028		
Carnarvon	06011	Min	01/01/1918	Statistical	-0.29	Autumn -0.50; Winter -0.33	6025	7091	7017	13012	12052	8028					
Meekatharra	07045	Max	11/12/1998	Merge	-0.25	Spring -0.34; Summer -0.32	7204										
Meekatharra	07045	Min	11/12/1998	Merge	0.3		7204										
Meekatharra	07045	Min	25/04/1950	Move (n)	0.29	Autumn 0.87	7017	12008	13012	7064	12052	7091	12045	6022	12039	12038	
Meekatharra	07045	Max	01/01/1946	Site env	-0.93		7017	12008	13012	7064	7091	6022	12045	12052	12039	12038	
Meekatharra	07045	Max	01/01/1934	Statistical	0.54		7017	13012	7064	7091	12045	12052	12039	12074	10093	7062	
Meekatharra	07045	Min	01/01/1934	Statistical	1.26		7017	13012	7064	12052	7091	12045	12039	8095	8093	12074	
Meekatharra	07045	Min	01/01/1930	Statistical	-0.85		7017	13012	7064	12052	7091	12045	12039	8095	8093	12074	
Meekatharra	07045	Max	01/01/1929	Statistical	-0.77		7017	13012	7064	7091	12045	12052	12039	12074	10093	7062	
Dalwallinu	08039	Min	01/01/1960	Statistical	0.45		10007	8138	8025	8151	8093	10035	10093	9034	10073	12074	
Geraldton	08051	Min	01/01/2005	Statistical	0.5		9131	8296	9178	8137	8225	8025	8251	8297	9114	10286	
Geraldton	08051	Max	01/01/1989	Statistical	-0.33		9131	8225	8251	9114	9034	8095	9021	9037	9151	9194	
Geraldton	08051	Min	01/01/1966	Statistical	-0.2	Summer -0.60	8028	8025	8093	8039	8151	8138	8095	10035	10007	10111	1959-63 used as reference (obs time change 1964)
Geraldton	08051	Max	01/01/1942	Move (n)	1.45		10073	8137	10515	10536	10111	10626	10092	10612	10007	10524	Overlap with 08050 not used for adjustment
Geraldton	08051	Min	01/01/1942	Move (n)	-1.28		8028	8093	8151	9034	8095	10111	10144	10073	10093	12074	Overlap with 08050 not used for adjustment
Geraldton	08051	Max	01/01/1927	Move	-0.53		8028	9034	8151	9534	10111	10648	6062	9510	10614	10579	
Morawa	08296	Min	26/03/1997	Merge	-0.29	Spring -0.56	8093										
Morawa	08296	Max	01/01/1965	Statistical	-0.68		8025	8039	8095	10007	7064	7091	8138	8151	10035	9053	

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Morawa	08296	Min	01/01/1953	Statistical	0.31		8025	8095	8151	8138	8028	8051	12074	10093	9021	9034	1945-49 used as reference
Morawa	08296	Max	01/01/1943	Statistical	-0.35		8025	8095	8151	9053	10111	10144	10073	10093	8028	10648	
Morawa	08296	Max	01/01/1935	Statistical	0.55		8095	8151	10111	10073	10093	8028	10648	12074	10614	9034	
Perth Airport	09021	Max	15/11/1997	Merge	0.26	Spring 0.71	9250										
Perth Airport	09021	Min	15/11/1997	Merge	-0.57		9250										
Perth Airport	09021	Min	03/03/1988	Move	0.48		9034	9053	9194	9111	9067	9538	9064	8137	10515	8091	
Perth Airport	09021	Max	01/01/1971	Statistical	0.27	Summer 0.52	9034	9053	9538	9111	9135	9572	9642	9017	10144	10244	
Perth Airport	09021	Min	01/01/1971	Statistical	-0.65		9034	9053	9035	9111	9017	9067	9538	9572	9064	8137	
Perth Airport	09021	Max	01/08/1963	Merge	1.22		9034										Only 1964-66 used in merge
Perth Airport	09021	Min	01/08/1963	Merge	-1.65		9034										Only 1964-66 used in merge
Perth Airport	09021	Max	01/08/1963	Move	0.01	Winter 0.33; Summer -0.32	9053	9538	10144	9534	9628	10111	10648	9064	9510	10035	
Perth Airport	09021	Min	01/08/1963	Move	0.53		9538	9064	10144	10648	10111	10035	9534	8025	8039	8138	
Perth Airport	09021	Min	01/01/1937	Statistical	-0.5		10144	10648	8151	10111	9534	10614	10073	8093	10093	10579	
Bridgetown	09510	Max	01/01/1993	Statistical	0.28	Winter 0.56	9573	9842	9592	9534	9538	9111	9642	10582	10647	9021	
Bridgetown	09510	Max	01/01/1981	Statistical	-0.56		9573	9842	9592	9534	9538	9111	9642	10582	10647	9021	
Bridgetown	09510	Max	01/01/1945	Statistical	-0.03	Winter 0.36; Summer -0.47	9534	10579	10648	9034	10144	10614	9581	10111	8151	9518	1937-41 used as reference
Bridgetown	09510	Min	01/01/1945	Statistical	-0.17	Summer -0.47; Autumn -0.37	9534	10579	10648	10614	9581	10144	9500	9034	10111		
Bridgetown	09510	Max	01/11/1935	Move	-0.68		9534	10579	10648	9034	10614	9581	10111	8151	9518	10073	
Bridgetown	09510	Min	01/11/1935	Move	-0.28	Winter -0.64	9534	10579	10648	10614	9581	9500	9034	10111			
Bridgetown	09510	Max	01/01/1927	Statistical	0.89		9534	10579	10648	9034	10614	9581	10111	8151	9518	10073	
Bridgetown	09510	Max	01/01/1914	Statistical	-0.44		9534	10579	10648	9034	9581	10111	8151	9518	10073	9500	
Cape Leeuwin	09518	Max	14/04/1999	Move	-0.39		9871	9592	9573	9741	9964	9510	9581	9842	9225	9603	In current version move is implemented 1/1/2000
Cape Leeuwin	09518	Min	01/01/1996	Statistical	0.28	Spring 0.31; Summer 0.30	9573	9519	9193	9592	9581	10622	9215	9887	9064	10905	
Cape Leeuwin	09518	Max	01/10/1978	Move	0.61		9592	9573	9741	9510	9581	9842	10582	9637	9038	9534	
Cape Leeuwin	09518	Max	01/01/1971	Statistical	-0.3		9592	9573	9504	9741	9510	9581	10582	9637	9038	9534	
Cape Leeuwin	09518	Max	01/06/1936	Screen	-0.56		9510	9581	9500	9534	10579	9034	10648	10614	10111	8151	

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Albany	09741	Max	04/08/1992	Move	-0.47		9581	9754	10622	10579	10582	9573	9592	10647	9510	9871	
Albany	09741	Max	12/04/1965	Merge	0.67		9500										Post-2002 09500 used as proxy for pre-1965
Albany	09741	Min	12/04/1965	Merge	-1.98		9500										Post-2002 09500 used as proxy for pre-1965
Albany	09741	Min	01/01/1950	Move	0.42		9581	10579	9510	9518	10614	9534	10144	10648			
Albany	09741	Max	01/01/1943	Statistical	-0.34		9581	10579	9518	10614	10648	10144	9510	9034	10073	9541	
Albany	09741	Max	01/01/1930	Statistical	0.26	Spring 0.38; Summer 0.41	9581	10579	9518	10614	10648	9510	9034	10073	9541	10111	
Albany	09741	Max	01/01/1925	Move	-0.93		9581	10579	9518	10614	10648	9510	9034	10073	9541	10111	
Albany	09741	Min	01/02/1916	Move	-0.72		9581	10579	9510	9518	9534	10648					Interval between 1913 and 1916 moves treated as spike, then merged across 1913-16 period
Albany	09741	Max	01/02/1916	Move	0.44		9581	10579	9518	10648	9510	9034	10073	9541	10111	8151	
Albany	09741	Min	01/02/1916	Move	0.53		9581	10579	9510	9518	9534	10648					
Esperance	09789	Max	01/01/1999	Site env	-0.36		9542	12071	10633	9961	10905	10692	10622	12065	10568	10592	
Esperance	09789	Max	30/06/1969	Move (n)	0.19	Summer 0.59	9631	10633	12065	12071	10592	12038	10536	10093	9787	10035	1962-66 used as reference period
Esperance	09789	Min	30/06/1969	Move (n)	-0.25	Summer -0.81	9631	12071	10633	12065	11017	10592	10622	12038	11013	10612	1962-66 used as reference period
Esperance	09789	Max	01/01/1926	Statistical	0.49		12074	9500	10073	10093	10579	9581	10614	10111	10648		
Esperance	09789	Min	01/01/1926	Statistical	0.33		11017	9500	11013	12039							
Merredin	10092	Max	01/01/2006	Statistical	0.3		10007	10612	12320	8137	10286	10073	8039	10536	10568	8297	
Merredin	10092	Min	01/01/1939	Statistical	-0.34		10073	12074	10144	10111	8151	10614	9034	8093	10648	10579	No adjustment for 10092/93 merge, either max or min. 10092 used from 1/1/1976.
Merredin	10092	Max	01/01/1931	Statistical	0.54		10073	12074	10111	8151	10614	10648	10579	8093	8095	9034	
Merredin	10092	Max	01/01/1923	Statistical	-0.32		10073	12074	10111	8151	10614	10648	10579	9034	12039	8028	
Merredin	10092	Min	01/01/1922	Statistical	0.75		10073	12074	10111	8151	10614	9034	10648	10579	12039	8050	
Cunderdin	10286	Min	01/01/1997	Move (n)	-0.66		10073	10092	8137	10626	10007	10515	10612	10536	10058	10111	Overlap with 10035 not used for adjustment
Cunderdin	10286	Max	26/08/1993	Move	-0.43		10073	8137	10144	10515	10536	10111	10626	10092	10612	10007	
Cunderdin	10286	Min	01/01/1986	Statistical	-0.47		10073	10092	8137	10626	10007	10515	10612	10144	10536	10058	

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Tennant Creek	15135	Max	01/11/1963	Move	-0.66		15034	37043	15085	37010	29125	38003	2012	29009	14626	15590	
Tennant Creek	15135	Max	01/05/1945	Move	-0.26	Spring -0.36; Summer -0.47	37010	38003	2011	29009	14626	15540	15590	44021	36030	44022	
Tennant Creek	15135	Min	01/05/1945	Move	1.05	Spring -0.43; Summer -0.34	37010	38003	29009								Merged across 1942-45 period
Tennant Creek	15135	Min	01/01/1942	Statistical	-0.82		37010	38003	29009								Treated as 1942-45 spike
Tennant Creek	15135	Max	01/06/1935	Move	0.6		38003	2011	15540	36030	44022						
Tennant Creek	15135	Min	01/06/1935	Move	0.12	Spring 0.97; Summer -0.67	37010	38003	30045								Some correlations in 0.5-0.6 range
Tennant Creek	15135	Min	01/01/1925	Statistical	-0.92		37010	38003	30045								Some correlations in 0.5-0.6 range
Tennant Creek	15135	Min	01/01/1921	Statistical	-0.17	Autumn -0.97; Spring 0.67	37010	38003	30045								Some correlations in 0.5-0.6 range
Alice Springs	15590	Min	01/01/2005	Statistical*	0.8		15602	15594	15612	15643	15511	15528	15635	17043	15603	38026	Various 1979-2005 inhomogeneities appear to be related to vegetation changes around site.
Alice Springs	15590	Min	01/01/2001	Statistical*	-0.33		15602	15643	15511	15528	15635	17043	15603	38002	16085	16097	
Alice Springs	15590	Min	01/01/1997	Statistical*	-0.56		15602	15643	15511	15528	15660	15635	15603	38002	16085	15135	
Alice Springs	15590	Min	01/01/1994	Statistical*	-0.64		15602	15643	15511	15528	15660	15635	15603	38002	16085	17096	
Alice Springs	15590	Min	01/01/1989	Statistical*	0.67		15602	15511	15528	15635	15603	38002	16085	17096	15135	17031	
Alice Springs	15590	Min	01/01/1979	Statistical*	0.72		15602	15527	15511	15528	17043	38002	17096	15135	15525	16013	
Alice Springs	15590	Min	01/07/1974	Move	-1.44		15546	15557	15526	15602	15527	15511	15528	17043	38002	15135	
Alice Springs	15590	Min	01/01/1955	Statistical	0.54		17043	15087	17031	38003	46037						
Alice Springs	15590	Min	01/01/1944	Move (n)	-0.03	Autumn -0.33; Summer 0.37	17043	17031	38003								Overlap with 15540 not used in merge
Alice Springs	15590	Max	01/01/1932	Move	-0.57		38003	15087	46037	2011	48013	48030					
Alice Springs	15590	Min	01/01/1932	Move	-1.13		15087	38003	46037								
Alice Springs	15590	Min	01/01/1925	Statistical	1.68		15087	38003	46037								
Alice Springs	15590	Min	01/01/1918	Statistical	-1.54		15087	38003	46037								
Rabbit Flat	15666	Min	01/01/2005	Statistical	-0.18	Spring -0.46; Summer -0.35	14829	2012	2064	15528	14840	15643	15502	14825	2032	15612	
Rabbit Flat	15666	Max	15/11/1996	Merge	-0.31		15548										
Rabbit Flat	15666	Min	15/11/1996	Merge	0.21	Winter 0.59	15548										
Rabbit Flat	15666	Max	01/01/1987	Statistical	0.58		2012	14829	15528	15135	2032	14840	15131	15085	15602	37010	
Rabbit Flat	15666	Min	01/01/1981	Statistical*	-0.87		14829	2012	14840	15528	14836	2032	3006	14825	15525	15085	Possibly related to vegetation changes around site.

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Woomera	16001	Min	01/01/1964	Obs time	-0.14		19036	17005	47007	18103	21043	17031	21020	22008	47048	24016	
Woomera	16001	Max	01/01/1962	Statistical	0.44		19062	17005	21020	21043	17031	21046	21014	23321	18044	22006	
Woomera	16001	Max	01/01/1954	Statistical	-0.49		17031	21046	18044	17043	23013	23015	76031	23000	78031	18012	
Tarcoola	16098	Max	01/10/1997	Merge	-0.37		16044										
Tarcoola	16098	Min	01/10/1997	Merge	-0.31		16044										
Tarcoola	16098	Min	01/01/1989	Statistical	-0.49		16001	16007	16032	16065	18040	18052	19066	18110	19017	16085	
Tarcoola	16098	Max	01/01/1983	Statistical	0.41		16001	16032	16007	18040	18052	21043	16065	18044	19062	19066	
Tarcoola	16098	Min	01/01/1978	Statistical	0.64		16001	16007	16032	16065	18040	18052	19066	18110	19017	17005	1975-77 used as reference
Tarcoola	16098	Min	01/01/1949	Statistical	0.52		17043	18044	18012	23000	17031	18070	23013	11004	47007		
Tarcoola	16098	Min	01/01/1937	Statistical	0.44		18044	23000	47007								
Tarcoola	16098	Min	01/01/1929	Statistical	0.48		47007	23000	17024	18070							
Marree	17031	Max	01/01/1993	Statistical	-0.22	Autumn -0.33; Summer -0.49	17110	16065	17099	19017	16001	47007	47048	17096	16085	19062	
Marree	17031	Max	01/01/1973	Statistical	-0.65		17005	16065	17043	19017	19070	16001	16007	47007	47048	17096	
Marree	17031	Min	01/01/1973	Statistical	0.65		17005	16065	19017	17043	46037	16001	19070	46042	38002	16007	
Marree	17031	Max	01/01/1968	Statistical	1.28		17005	17043	19070	16001	16007	47007	47048	20026	16056	19062	
Marree	17031	Max	01/04/1939	Move (n)	1.35		47007	16044	46037	47019	76077	21046	74128	15540	48030	23000	
Marree	17031	Max	01/01/1928	Statistical	-0.32		47007	46037	76077	16044	21046	74128	15540	48030	23000	72151	
Marree	17031	Min	01/01/1913	Statistical	1.02		46037	47007	47019	76077	48030	21046					
Oodnadatta	17043	Max	01/08/1985	Move (n)	0.66		15603	16007	17031	16065	17110	15511	16001	17099	19017	15590	17114 merged to pre-1985 17043. Post-1994 treated as continuation
Oodnadatta	17043	Max	01/01/1955	Statistical	0.32		17031	17005	16001	15590	46037	47007	47019	76031	21046	23013	
Ceduna	18012	Max	01/01/1987	Statistical	-0.3		18079	18069	18052	18139	18044	18014	18110	18181	16044	18040	
Ceduna	18012	Min	01/01/1968	Statistical	-0.81		18079	18044	18069	18052	21043	18014	19066	23013	16044	22008	
Ceduna	18012	Min	01/01/1964	Obs time	0.63		18079	18044	21043	18014	23013	22008	22006	21046	23037	23020	
Kyancutta	18044	Max	01/01/1979	Statistical	-0.42		18052	18139	18040	16032	22006	22008	18079	21043	18014	18012	
Kyancutta	18044	Max	01/01/1944	Statistical	0.77		21046	16044	18079	21043	18014	21020	23031	23307	23733	23745	Spike for 1942-43 period

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes	
Adelaide	23090	Min	01/02/1977	Merge	-0.59		23000											
Adelaide	23090	Min	01/01/1962	Move/obs time	0.1		22008	23020	23037	21043	22801	22006	23321	18014	21046	24016	1965-69 used as reference (obs time)	
Adelaide	23090	Max	01/11/1951	Move	-0.27	Autumn -0.36; Summer -0.43	23013	23015	21046	18044	26021	78031	18070	18012	26026	76031	1955-59 used as reference	
Adelaide	23090	Min	01/11/1951	Move	0.4		23013	23015	21046	18044	18070	76031	78031	47007	18012	16044	1955-59 used as reference	
Adelaide	23090	Min	01/01/1944	Move	-0.38		23013	23015	21046	18044	18070	76077	78031	47007	18012	16044		
Nuriootpa	23373	Max	01/01/1964	Statistical	0.31		23020	23037	21046	23000	23013	23015	23733	22008	25509	22006	No adjustment for 23321/373 merge for max or min. 23373 used from 28/8/1996.	
Mount Gambier	26021	Max	01/04/1964	Move	0.24	Summer 0.66	26019	90135	90044	26005	78034	23747	26026	78031	23733	90014		
Mount Gambier	26021	Min	01/04/1964	Move/obs time	0.14		90135	26019	90044	26026	23747	89018	78031	90147	26005	23733		
Mount Gambier	26021	Max	01/02/1942	Merge	0.2	Summer 1.31; Winter -0.50	26020											
Mount Gambier	26021	Min	01/02/1942	Merge	-0.73		26020											
Robe	26026	Max	01/11/1968	Move	0.22	Autumn 0.30; Winter 0.43	26021	26019	90135	26023	26016	90092	22018	23034	23747	25507		
Robe	26026	Max	01/01/1962	Statistical	0.51		26021	26019	90135	23034	23747	22801	78034	90044	23000	23733		
Robe	26026	Max	01/10/1943	Move	-0.34		26020	23000	23013	78031	23015	21046	18070	90082	89002	18044		
Robe	26026	Max	01/01/1930	Statistical	0.53		26020	23000	23747	22801	23745	78034	90044	23733	23031	22807		
Weipa	27045	Min	01/01/2006	Statistical	0.29	Spring 0.52	27073	28007	28004									
Weipa	27045	Min	01/01/1979	Statistical	-0.32		27015	28004	31108	27006							Some correlations in 0.5-0.6 range. No adjustments for 27042/45 merge, 27042 used from 6/11/1992	
Weipa	27045	Max	01/01/1977	Statistical	0.33		27015	29038	27006	28008							Some correlations in 0.5-0.6 range.	
Weipa	27045	Min	12/05/1972	Move	0.39		27015	28004	31108	27006							Some correlations in 0.5-0.6 range.	
Horn Island	27058	Min	01/01/2006	Statistical	0.35		27054	27045	28008	27073							Some correlations in 0.4-0.6 range. Seasonal criteria not used due to instability. No adjustment for 27022/27058 merge	

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes	
Horn Island	27058	Max	01/01/1993	Move (n)	0.88		28008	27006										Some correlations in 0.4-0.6 range. Seasonal criteria not used due to instability.
Horn Island	27058	Max	01/01/1958	Statistical	-0.94		27005											Some correlations in 0.4-0.6 range. Seasonal criteria not used due to instability.
Horn Island	27058	Min	01/01/1958	Statistical	-0.46		27005											Some correlations in 0.4-0.6 range. Seasonal criteria not used due to instability.
Palmerville	28004	Min	01/01/2004	Statistical	-0.67		28007	31210	31108	32025	32004	31011	31034	32037	32078	27045		
Palmerville	28004	Max	01/07/2001	Move	-0.58		28007	29038	30018	31108								
Palmerville	28004	Min	01/07/2001	Move	0.57		28007	31108	32025	32004	31011	31034	32037	32078	27045			
Palmerville	28004	Min	01/01/1996	Statistical	-0.81		28007	31108	32025	32004	31190	31011	31034	32037	32078	27045		
Palmerville	28004	Max	01/01/1981	Statistical	0.53		29038	30018	31108	27006	31066	31029	27005					
Palmerville	28004	Min	01/01/1947	Statistical	1.1		30036	32025	32004	31011	32037	31052						
Palmerville	28004	Max	01/01/1943	Statistical	-0.73		30036	30018	31029	27005								
Palmerville	28004	Min	01/01/1943	Statistical	-0.8		30036	32025	32004	31010	31052							
Palmerville	28004	Min	01/01/1921	Statistical	-0.62		30036	32025	32004	31010	31052							1914-17 used as reference
Palmerville	28004	Max	01/01/1916	Statistical	1.11		30036	30018	31029	27005								
Palmerville	28004	Min	01/01/1913	Statistical	0.35		32025	32004	31010	31052								
Normanton	29063	Min	01/05/2001	Move (n)	-0.21	Autumn -0.35; Summer -0.33	29012	29004	14703	14707	14704	14723	30045	29090	14609	29039		
Normanton	29063	Min	01/01/1974	Statistical	0.55		29012	29004	29025	14704	30024	30045	29090	14609	29038	15085		
Normanton	29063	Max	01/01/1969	Statistical	-0.53		29012	29004	29025	29009	29126	30024	29127	30018	29038	30045		
Normanton	29063	Max	01/10/1956	Move	0.28	Summer 0.66	29004	29009	30018	30045	37010							
Normanton	29063	Min	01/10/1956	Move	-0.51		29004	29009	30045									
Normanton	29063	Max	01/11/1940	Screen	-0.14	Spring -0.36; Summer -0.37	29004	30018	30045									
Normanton	29063	Min	01/11/1940	Screen	0.57		29012	29004	30024	30045								
Normanton	29063	Max	01/05/1917	Screen	-0.59		29004	30018	30045									
Normanton	29063	Min	01/05/1917	Screen	-0.3		29004	30045	30024									1910-13 used as reference
Burketown	29077	Max	01/01/2002	Move (n)	0.62		14707	14704	14723	29012	14703	29127	29039	15085	29141	14612		Overlap with 29004 not used in merge
Burketown	29077	Max	01/08/1986	Move	-0.42		14707	29041	14704	29012	14703	29127	29126	29025	29039	15085		

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes
Burketown	29077	Max	01/05/1966	Screen	-0.17	Summer -0.33; Autumn -0.42	29041	29012	14710	29009	15085	15089	29125	37010	14609	14903	
Richmond (Qld)	30045	Max	01/01/2002	Statistical	-0.59		30161	29090	37051	29141	36007	36031	29127	29012	36026	37010	
Richmond (Qld)	30045	Min	01/01/1993	Statistical	0.56		30024	29025	37051	36031	36007	29141	29012	36143	36026		1983-87 used as reference
Richmond (Qld)	30045	Max	01/01/1972	Statistical	0.79		29025	30024	29090	29009	37051	29126	36007	36031	29127	29012	
Richmond (Qld)	30045	Min	01/01/1972	Statistical	-0.3		30024	29090	29025	37051	29009	36031	36007	29012	36143	36026	
Richmond (Qld)	30045	Max	01/09/1965	Move	0.26	Summer 0.5	29009	37051	36030	29125	36007	29012	36143	36026	37010	15034	
Richmond (Qld)	30045	Min	01/09/1965	Move	-0.39		37051	29009	36007	36030	36143	29125	36026	35069	29004	29012	
Richmond (Qld)	30045	Max	01/01/1952	Statistical	-0.56		29009	36030	37010	35027	30018	34002	38003	44021	14626		
Richmond (Qld)	30045	Min	01/01/1950	Statistical	-0.61		29009	36030	29004	37010	35027	29041	38003	44021			
Richmond (Qld)	30045	Min	01/01/1932	Statistical	0.67		36030	29004	35027	29041	38003	44022					
Richmond (Qld)	30045	Max	01/01/1925	Statistical	0.26	Autumn 0.77	36030	35027	29041	30018	34002	38003	44022				
Richmond (Qld)	30045	Min	01/01/1923	Statistical	-0.52		36030	29004	35027	29041	38003	44022					
Richmond (Qld)	30045	Max	01/01/1920	Statistical	-0.51		36030	35027	29041	30018	34002	38003	44022				
Richmond (Qld)	30045	Min	01/01/1914	Statistical	0.79		36030	29004	35027	29041	38003	44022					
Georgetown (Qld)	30124	Max	02/06/2004	Move (n)	-0.58		29038	14707	33307	14707	14703	31108					Overlap with 30018 not used in merge. 1998-2001 used as reference
Georgetown (Qld)	30124	Min	02/06/2004	Move (n)	0.11	Spring 0.55	31108	32004	29038	32037	33247	32078	33257	34084	31034		Overlap with 30018 not used in merge. 1998-2001 used as reference
Georgetown (Qld)	30124	Max	01/01/1997	Statistical	-0.48		29012	30024	29038	29041	14707	30045	34038	14704	14703	31108	
Georgetown (Qld)	30124	Max	01/01/1991	Statistical	0.61		29012	30024	29038	29041	28004	14707	30045	34038	14704	14703	
Georgetown (Qld)	30124	Max	01/01/1984	Statistical	0.54		29012	30024	34002	29041	28004	14707	30045	14704	14703	31108	
Georgetown (Qld)	30124	Max	01/11/1965	Screen	-0.42		29012	30036	34002	29041	28004	30045					
Georgetown (Qld)	30124	Min	01/11/1965	Screen	0.56		30036	31029	29041	32004	29012	30024	32037	33007	31034		1951-55 used as reference
Georgetown (Qld)	30124	Max	01/01/1962	Statistical	0.61		30036	34002	29041	28004	30045						
Georgetown (Qld)	30124	Max	01/01/1959	Statistical	0.35		34002	29041	28004	30045							
Georgetown (Qld)	30124	Max	01/01/1956	Statistical	-0.91		34002	29041	28004	30045							
Georgetown (Qld)	30124	Max	01/01/1950	Statistical	0.55		34002	29041	28004								
Georgetown (Qld)	30124	Min	01/01/1928	Statistical	-0.84		31029	29041	29012	30024	33007						

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes
Cairns	31011	Min	01/12/1992	Move	-0.19	Winter -0.30; Spring -0.35	31108	32025	32037	31034	31083	32004	32078	31017	32040	31037	
Cairns	31011	Min	01/01/1969	Statistical	-0.69		32025	32037	31034	32061	31066	32004	31029	31076	31017	32040	
Cairns	31011	Min	01/01/1956	Statistical	0.33		32040	33002	28004								
Cairns	31011	Min	22/10/1942	Merge	-0.32		31010										
Cairns	31011	Max	01/01/1935	Statistical	-0.38		32025	31016	32004	31029							
Cairns	31011	Max	01/12/1929	Move	-0.56		32025	31016	32004	31029							No adjustment for 31011/010 merge. 31011 used from 22/10/1942.
Cairns	31011	Min	01/12/1929	Move	0.17	Spring 0.33; Summer 0.40	32025	32004	31029	28004	30036						
Cairns	31011	Min	01/01/1918	Statistical	-0.89		32025	32004	31029	28004	30036						
Townsville	32040	Max	09/12/1994	Merge	0.35		32178										
Townsville	32040	Min	09/12/1994	Merge	-0.33		32178										
Townsville	32040	Min	01/01/1949	Statistical	-0.63		34002	33001	33047	31011	31010	39083	35027				
Mackay	33119	Max	01/01/1971	Statistical	-0.28	Autumn -0.41; Winter -0.49	33047	33058	39023	33013	39083	32005	33077	32078	39122	32037	
Mackay	33119	Max	25/09/1959	Merge	-1.44		33047										Only 1959-64 used in merge
Mackay	33119	Min	25/09/1959	Merge	2.18		33047										Only 1959-64 used in merge
Mackay	33119	Max	01/01/1948	Merge	-1.76		33046	33047									Merge between 33046 and 33047. Only 1948-50 used
Mackay	33119	Min	01/01/1948	Merge	-0.36		33046	33047									Merge between 33046 and 33047. Only 1948-50 used
Mackay	33119	Max	01/01/1941	Move	-0.53		33047	34002	33001	32005	33007	39069	35019	39023			Spike 1939-40 from moves 1939, 1941
Mackay	33119	Max	01/01/1941	Move	1.02		33047	34002	33001								1934-38 used as reference
Charters Towers	34084	Max	01/10/2000	Move	-0.12	Winter -0.44; Summer 0.40	33298	33013	34038	33002	33247	35019	32078	30018	33257	35290	
Charters Towers	34084	Max	01/01/1997	Statistical	-0.41		33013	34038	33002	33247	35019	30024	32078	30018	33257	29012	
Charters Towers	34084	Min	01/01/1997	Statistical	-0.58		33013	33002	32178	32040	34038	33257	33247	35019	32078	33065	
Charters Towers	34084	Max	01/01/1984	Statistical	0.37		33013	33090	35019	30024	32078	33002	32040	33061	39083	33007	No adjustment for 34002/34084 merge
Charters Towers	34084	Min	01/01/1982	Statistical	0.44		32040	33002	33090	33013	33007	36047	33001	33061	33047	32004	
Charters Towers	34084	Min	01/01/1961	Statistical	0.37		32040	33002	33013	33001	30036	33047	32004	33065	39083	32025	

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes	
Charters Towers	34084	Max	01/12/1953	Move	-0.27	Autumn -0.50; Winter -0.32	32040	39083	30018	33001	35027	33047	33045	30045				
Charters Towers	34084	Min	01/12/1953	Move	-0.72		32040	33001	33047	39083	33045							
Charters Towers	34084	Max	01/06/1947	Move/screen	-0.46		32040	39083	30018	33001	35027	33047	30045					
Charters Towers	34084	Min	01/06/1947	Move/screen	0.87		32040	33001	33047	39083	29028							
Charters Towers	34084	Min	01/04/1939	Screen	-0.34		33001	33047	33046									
Charters Towers	34084	Max	01/01/1924	Statistical	-0.35		30018	33001	35027	33047	30045							
Charters Towers	34084	Min	01/01/1924	Statistical	0.42		33001	33047	33046									
Longreach	36031	Min	01/01/2002	Statistical	0.4		36007	37051	36026	35069	30161	30045	29090	44021	38003	38024		
Longreach	36031	Max	01/06/1996	Merge	0.57		36167											
Longreach	36031	Min	01/06/1996	Merge	-0.33		36167											
Longreach	36031	Min	01/01/1981	Statistical	0.53		36007	36143	37051	36026	35069	30024	30045	29025	29090	44021		
Longreach	36031	Max	01/03/1966	Merge	0.4		36030											Only 1966-69 used in merge
Longreach	36031	Min	01/03/1966	Merge	-0.24	Spring -0.54	36030											Only 1966-69 used in merge
Longreach	36031	Max	01/01/1960	Statistical	-0.29	Spring -0.47; Summer -0.38	36143	37051	36026	35069	29009	29125	30045	44021	43030	37010		
Longreach	36031	Max	01/01/1949	Statistical	-0.39		29009	30045	37010	38003	35027	15087	41023	41038				
Longreach	36031	Min	01/01/1949	Statistical	-0.94		29009	38003	37010	35027	41038							
Longreach	36031	Min	01/01/1943	Statistical	1.02		30045	44022	29009	38003	37010	35027	41038					
Longreach	36031	Max	01/01/1942	Statistical	0.47		29009	30045	44022	37010	38003	35027	15087	41023	41038	39039		
Camooweal	37010	Max	01/04/1998	Move	0.37		29127	15085	29141	37043	15135	38003	29090	15131	29025	37051		
Camooweal	37010	Min	01/04/1998	Move	-0.33		15085	37043	29141	38003	15135	15502	15131	29025	15602	14840		
Camooweal	37010	Min	01/01/1991	Statistical	-0.49		15085	37043	29141	38003	15135	15502	15131	29025	15602	14840		
Camooweal	37010	Min	01/01/1979	Statistical	0.54		15085	37043	29126	38003	15135	29025	15602	14840	29127	29090		
Camooweal	37010	Min	01/01/1942	Statistical	0.13	Summer 0.50	15087	38003	29009	30045	36030	44022	29004					
Boulia	38003	Max	26/07/1999	Move	0.6		37043	38024	29127	15502	37010	45015	15602	15135	29141	38002		
Boulia	38003	Min	01/01/1980	Statistical	0.38		37043	38024	29126	15602	45015	15135	38002	15085				
Boulia	38003	Max	01/01/1978	Statistical	-0.55		37043	38024	29127	29126	37010	45015	15602	15135	38002	36031		
Boulia	38003	Max	01/06/1970	Move	-0.28	Spring -0.55; Summer -0.56	37043	38024	29127	15034	29126	37010	45015	15602	29009	38002		
Boulia	38003	Min	01/06/1970	Move	-0.53		37043	38024	29126	15602	37010	45015	38002	15085	29009	36031		
Boulia	38003	Max	01/09/1965	Move/screen	0.34		37043	29125	15034	37010	45015	29009	38002	15087	37051	44021		

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes
Thargomindah	45025	Min	01/08/1999	Move (n)	0.59		44026	45015	38024	48079	48015	17123	46037	38002	44021	44010	Overlap with 45017 not used in merge
Tibooburra	46037	Max	02/08/1980	Move	-0.29	Spring -0.54	17096	46042	46043	48027	17099	38002	45017	47007	49019	48013	
Tibooburra	46037	Min	02/08/1980	Move	0.32		46042	17096	46043	48027	38002	45017	48079	17031	17099	44026	
Tibooburra	46037	Max	01/01/1960	Move	-0.34		46043	38002	45017	47007	47048	48013	75032	48030	17005	17031	
Tibooburra	46037	Min	01/01/1960	Move	0.27	Winter 0.35; Spring 0.37	46043	38002	45017	17031	44026	47048	47007	17005	48013	75032	
Tibooburra	46037	Max	01/01/1952	Statistical	-0.02	Winter -0.38; Summer 0.44	47007	48013	47019	48030	17031	17043	65016	65012	52026		1936-40 used as reference period
Tibooburra	46037	Min	01/11/1944	Move	0.27	Winter 0.77	46043	44026	48013	50014	75039	51039					1936-40, 1951-55 used as reference periods
Wilcannia	46043	Max	01/12/1993	Move	-0.32		46042	49019	47007	46037	75032	47019	48027	75039	75041	17099	
Wilcannia	46043	Min	01/12/1993	Move	-0.86		46042	49019	75032	48027	46037	47019	75039	75041	74221	75031	
Wilcannia	46043	Max	01/01/1973	Statistical	-0.55		46042	49019	47007	46037	75032	47019	48027	75039	75028	75041	
Wilcannia	46043	Min	01/01/1972	Statistical	0.6		46042	49019	75032	48027	46037	47019	50014	75039	75028	75041	
Wilcannia	46043	Max	01/01/1967	Statistical	0.8		46042	49019	47007	46037	75032	47019	48027	75028	75031	74062	
Wilcannia	46043	Min	01/01/1966	Statistical	-0.5		46042	49019	75032	48027	46037	47019	75028	75031	74062	65026	
Cobar	48027	Max	01/01/1995	Statistical	0.41		51039	48079	50052	50031	51049	65026	46042	75039	65012	65016	
Cobar	48027	Max	01/01/1978	Statistical	-0.72		48013	51039	50014	50102	50052	50031	51049	65026	46042	50037	
Cobar	48027	Max	01/01/1974	Statistical	0.71		48013	51039	50014	50102	50052	50031	51049	65026	46042	50037	
Cobar	48027	Min	01/01/1972	Statistical	-0.49		65026	48013	51039	50014	50102	50031	46042	75032	46043	51049	
Cobar	48027	Max	21/05/1962	Merge	-1.18		48030										
Cobar	48027	Min	21/05/1962	Merge	0.09	Autumn 0.44; Winter 0.33	48030										
Cobar	48027	Min	01/01/1938	Statistical	1.22		48013	47019	65016	52026	73127	65012	74128	47007	81003		1929-33 used as reference
Cobar	48027	Min	01/01/1923	Statistical	-1.26		48013	46037	47019	65016	52026	73127	74128	47007	81003	66062	
Bourke	48245	Min	01/01/1999	Move (n)	0.64		48015	51039	52088	44026	51010	48079	48237	51049	48031	48027	
Bourke	48245	Max	11/11/1994	Merge	0.3		48013	48239									Merge between 48013 and 48239
Bourke	48245	Min	11/11/1994	Merge	-1		48013	48239									Merge between 48013 and 48239
Bourke	48245	Min	01/01/1958	Statistical*	-0.43		52026	48030	43034	65012	65016	55024	46037	44021	41038	72150	Documents suggest changes in nearby vegetation around this time.

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes		
Bourke	48245	Max	01/01/1953	Statistical*	-0.35		46037	65016	63004	43034	55024	44021	47007						
Bourke	48245	Max	01/05/1937	Move	0.02	Autumn 0.48; Summer -0.35	48030	52026	65012	46037	65016	63004	43034	47007	44022	41038			
Bourke	48245	Max	01/01/1914	Statistical	0.42		48030	52026	46037	65016	63004	47007	44022	41038	47019	56017			
Walgett	52088	Max	21/05/1997	Move	0.4		48015	48031	51010	52020	53030	64008	44010	44026	55023	55024			
Walgett	52088	Min	21/05/1997	Move	-0.69		48015	48031	51010	52020	51039	65070	53030	55024	51049	53002			
Walgett	52088	Max	02/06/1993	Move (n)	-0.68		48031	48015	51010	53030	44010	64008	44026	48013	53048	55024			
Walgett	52088	Min	02/06/1993	Move (n)	-0.6		48031	51010	48015	53048	43034	48013	51039	53030	44010	55024			
Walgett	52088	Min	01/11/1962	Move	0.42		43034	55024	65012	55023	44021	65016	66037	66062	63005	63004	1954-57, 1964-68 used as reference		
Walgett	52088	Max	01/01/1951	Statistical	0.83		48031	48015	51010	44010	64008	44026	51018	51042	55054	43034			
Walgett	52088	Max	01/01/1914	Statistical	-0.32		48031	48015	51010	44010	64008	44026	51042	55054	62009	65012			
Moree	53115	Min	17/05/1995	Merge	-0.82		53048												
Moree	53115	Min	01/01/1976	Statistical	0.4		41038	43034	53030	48031	55024	55054	55023	52020	52026	44010			
Moree	53115	Max	01/01/1965	Move (n)	-0.46		41038	53030	56017	43034	55024	55054	55023	44010	52026	64008	Overlap between 53027 and 53048 not used		
Gunnedah	55024	Min	01/01/1959	Statistical	0.44		55023	53027	41038	65012	66062	66037	67033	58012					
Gunnedah	55024	Min	01/01/1955	Statistical	-0.44		55023	53027	52026	41038	65012	66062	56017	58012	66037	67033			
Inverell	56242	Max	01/03/1995	Merge	-0.16	Spring -0.32; Summer -0.44	56017												
Inverell	56242	Min	01/03/1995	Merge	-0.81		56017												
Inverell	56242	Min	01/01/1993	Statistical	-0.39		54104	54003	56018	56013	56011	56002	41100	55136	53030	55049			
Inverell	56242	Max	20/09/1967	Move	-1.04		53048	55054	56011	53030	41038	55024	56002	64008	41095	43034			
Inverell	56242	Min	20/09/1967	Move	-1.16		56011	55054	56002	53030	41038	41095	53048	42023	59001	64008			
Inverell	56242	Max	07/07/1961	Move	0.43		53027	55054	41038	55024	56002	64008	41095	43034	52026	44010			
Inverell	56242	Min	07/07/1961	Move	0.35		53027	55054	56002	41038	41095	42023	59001	64008	57021	41023			
Inverell	56242	Max	01/01/1949	Site env	0.59		53027	41038	43034	52026	55023	44021	42023	41023	65012	44022			
Inverell	56242	Min	01/01/1949	Site env	0.95		53027	41038	42023	41023	58012	40004	55023	65012	52026	43034			
Inverell	56242	Max	01/01/1941	Screen	-0.49		41038	43034	52026	55023	42023	41023	63005	65012	44022	48013			
Inverell	56242	Min	01/01/1929	Statistical	-0.2	Summer -0.64	53027	41038	42023	41023	58012	55023	65012	52026	44022	43034			
Inverell	56242	Min	01/01/1920	Statistical	-0.83		53027	41038	56006	54004	54029	56011	55054	56002	55049	56032	Adjustment for 1917-20 spike		

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes
Yamba	58012	Max	16/10/2007	Move	0.47		58198	58212	58208	58214	58221	58131	59040	58130	58077	58158	
Yamba	58012	Min	16/10/2007	Move	0.36		58131	58212	58221	58077	57095	58130	58216	59140	40958	41529	
Yamba	58012	Max	01/01/1987	Statistical	0.43		58131	59040	58037	58130	58158	40717	58057	40190	58063	60026	
Yamba	58012	Min	01/01/1939	Statistical	-0.86		58037	58063	56011	56016	58065	41103	41082	40101	60026	40214	
Yamba	58012	Min	01/01/1935	Statistical	0.83		58037	58063	56011	56016	58065	41103	41082	40101	60026	40214	
Yamba	58012	Min	01/01/1930	Statistical	-0.98		58037	58063	56011	56016	58065	41103	41082	40101	60026	40214	
Coffs Harbour	59040	Min	01/01/1964	Obs time	0.43		59001	60026	58012	56002	58037	41038	41095	55054	55023	57021	1956-60 used as reference
Coffs Harbour	59040	Max	01/01/1961	Statistical	-0.28	Autumn -0.45; Winter -0.33	59001	58012	60026	58037	59030	57021	40190	61078	61055	40004	
Port Macquarie	60139	Max	01/01/2000	Merge	0.75		60026										Only 2000-03 used in merge
Port Macquarie	60139	Min	01/01/2000	Merge	-1.79		60026										Only 2000-03 used in merge
Port Macquarie	60139	Min	01/01/1996	Statistical	0.47		59017	60030	59040	56229	60085	58130	56011	61087	55325	56018	
Port Macquarie	60139	Max	06/10/1983	Move	0.33		59017	59030	60030	59040	59001	60085	58012	58130	61054	61223	
Port Macquarie	60139	Min	06/10/1983	Move	-0.82		59017	60030	59040	59001	60085	58130	56011	61087	56002	56018	
Port Macquarie	60139	Min	01/01/1977	Statistical	0.57		59017	60030	59040	59001	58130	56011	61087	56002	56018	58012	1966-70 used as reference
Port Macquarie	60139	Max	01/01/1972	Statistical	0.41		59017	60023	59074	59030	60030	59040	59001	60085	58012	58130	
Port Macquarie	60139	Max	01/01/1958	Statistical	0.3		59040	58012	61078	66062							
Port Macquarie	60139	Max	01/01/1951	Statistical	-0.35		59017	60023	59030	60030	59001	58012	60009	58052	58065	61055	
Port Macquarie	60139	Min	01/01/1946	Statistical	0.83		60023	59017	60030	56016	60009	56011	56006	56034	58012	55049	
Port Macquarie	60139	Max	01/01/1939	Move	-0.47		59017	60023	60030	58012	58065	61055	58037	61086	58063	62009	
Port Macquarie	60139	Min	01/01/1939	Move	-0.53		60023	59017	60030	56016	56011	56006	58012	55049	54004	61055	
Port Macquarie	60139	Min	01/01/1933	Statistical	0.55		60023	59017	60030	56016	56011	56002	56006	58012	55049	54004	Spike 1931-32
Port Macquarie	60139	Min	01/01/1933	Statistical	-0.3		60023	59017	60030	56016	56011	56002	56006	58012	55049	54004	
Port Macquarie	60139	Max	01/01/1924	Statistical	0.52		60023	60030	58012	58065	61055	58037	61086	58063	62009		
Williamtown	61078	Max	01/01/1969	Statistical	0.5		61055	61087	66037	66131	61017	66078	67035	66062	67033	60030	No adjustment required for move 15/2/2005
Williamtown	61078	Min	01/01/1969	Statistical	-0.78		61087	61017	61086	67033	61089	61051	60030	61055	66131	67035	
Williamtown	61078	Min	01/01/1964	Obs time	0.21		61086	61055	60026	63065	56002	55054	64008	55024	63004	55023	

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes
Scone	61363	Max	09/12/2004	Move	0.25	Autumn 0.45; Spring 0.32	61086	61089	61051	61288	61260	61242	61250	62100	61388	55049	
Scone	61363	Min	09/12/2004	Move	-0.36		61051	61089	61086	61260	61242	61250	61288	55049	62101	61390	
Scone	61363	Min	01/01/2001	Statistical	0.67		61051	61089	61086	61260	61242	61250	61288	55049	62101	61390	
Scone	61363	Min	01/01/1998	Statistical	-0.3		61363	61051	61288	61086	61242	61371	61250	55049	61375	61078	Adjustment applied prior to data use in overlap
Scone	61363	Min	01/01/1997	Merge	-0.84		61089										Only 1997-2000 used in overlap
Bathurst	63005	Max	01/12/1971	Screen	0.6		63231	65034	65035	62021	63010	63004	63023	63033	63063	65023	No adjustment required for move 16/4/1996
Bathurst	63005	Min	01/12/1971	Screen	-0.3		63010	65023	63231	65091	62021	63004	63033	65034	63224	63063	
Bathurst	63005	Min	01/01/1956	Statistical	-0.6		63004	65012	70014	65016	67033	55024	61078	66037	66062	72150	
Bathurst	63005	Max	10/07/1950	Move	-0.33		65034	62021	63004	63023	63033	65023	63224	65026	63058		1941-45 used as reference
Bathurst	63005	Min	10/07/1950	Move	0.24	Summer ; Autumn 0.50	63065	65023	62021	63004	65034	63019	63224	63063	63021	65035	1941-45 used as reference
Bathurst	63005	Min	01/01/1926	Statistical	-1.2		63065	65023	62021	63004	65034	63019	63224	63021	70037	63036	
Bathurst	63005	Max	01/01/1918	Statistical	1.05		65034	62021	63004	65023	63053	63224	65026	63065	51018	62009	
Bathurst	63005	Min	01/01/1918	Statistical	0.86		63065	65023	62021	63004	65034	63019	63224	63021	70037	63036	
Bathurst	63005	Min	01/01/1914	Statistical	0.52		63065	65023	62021	63004	65034	63019	63021	70037	63036	62009	
Dubbo	65070	Max	01/01/2001	Statistical	0.35		51049	65035	65034	50031	51039	62013	64009	51010	51161	62101	
Dubbo	65070	Min	16/01/1993	Merge	-0.17	Autumn -0.44; Summer -0.37	65012										
Dubbo	65070	Max	22/10/1986	Move	-0.64		65035	65034	51049	50031	62013	62021	63231	65026	51039	63254	
Dubbo	65070	Min	22/10/1986	Move	-0.71		65035	65034	51049	62013	64009	51039	51010	63023	62021	65026	
Dubbo	65070	Max	01/02/1982	Move	0.82		65035	65034	51049	50031	62013	62021	63231	65026	51039	63254	
Dubbo	65070	Min	01/02/1982	Move	-0.33		65035	65034	51049	62013	64009	51039	51010	63023	62021	65026	
Dubbo	65070	Max	01/01/1978	Move	-0.54		65035	65034	51049	50031	62013	62021	63231	65026	51039	64009	
Dubbo	65070	Min	01/01/1978	Move	0.3		65035	65034	51049	62013	64009	51039	51010	51124	63023	62021	
Dubbo	65070	Max	01/11/1969	Move	0.33		65035	51115	65034	51018	51048	65023	50031	62021	65026	51039	
Dubbo	65070	Max	01/01/1958	Statistical	0.32		63004	65016	48013	52026	48030	55024	70014	74114	72150	55023	
Dubbo	65070	Max	01/07/1953	Move	-0.7		65034	51018	51048	51049	65023	62021	65026	51039	64009	62009	
Dubbo	65070	Min	01/07/1953	Move	0.75		65035	51018	65034	51048	51039	64009	63065	51010	63023	63058	Spike 1950-53
Dubbo	65070	Min	01/07/1953	Move	-1.05		65035	51018	65034	51048	51039	64009	63065	51010	63023	63058	
Dubbo	65070	Max	01/01/1945	Statistical	0.35		65034	51018	51048	65023	62021	65026	51039	62009	64008	51010	

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes
Dubbo	65070	Min	01/04/1938	Screen	-0.13	Summer -0.53	51018	65034	51048	51049	51039	63065	51010	51042	62021	65023	
Dubbo	65070	Max	01/04/1929	Move	-0.49		65034	51018	51048	51049	65023	62021	65026	51039	62009	64008	
Dubbo	65070	Min	01/04/1929	Move	0.99		51018	65034	51048	51049	51039	63065	51010	51042	62021	65023	
Sydney	66062	Max	01/01/1983	Statistical	0.36		66037	66131	66124	66137	61087	67035	61223	66156	68188	61078	
Sydney	66062	Max	01/01/1978	Statistical	-0.32		66037	66131	66078	66124	66137	61087	67035	61029	61223	66156	
Sydney	66062	Min	01/01/1964	Obs time	0.19		68053	68034	69018	63039	70015	70080	55024	63065	61086	55054	
Sydney	66062	Max	01/01/1946	Statistical	0.53		66037	61063	61078	55024							
Sydney	66062	Max	01/01/1938	Statistical	-0.53		66131	67033	61055	67021	68052	68034	60030	61034	61086	68045	
Sydney	66062	Max	01/01/1917	Move	0.89		66131	61055	67021	68052	68034	60030	61034	61086	68045	60023	
Richmond (NSW)	67105	Max	01/01/2006	Statistical	-0.38		67113	67108	67119	68192	66124	67019	67020	67117	61351	61375	
Richmond (NSW)	67105	Min	01/11/1994	Move (n)	-0.41		66137	67035	68192	66131	66124	67019	61087	66037	61242	66062	
Richmond (NSW)	67105	Min	01/05/1969	Move	-0.77		67021	66137	67035	66131	67026	67010	67019	68081	61087	66037	
Richmond (NSW)	67105	Min	01/01/1964	Obs time	0		61086	61055	63065	70080	63004	55024	55054	70015	69018	65012	
Nowra	68072	Max	01/01/1966	Statistical	0.32		68034	66078	67035	68081	66037	66131	67033	68045	66062	68053	No adjustments required for merges 68076/72 (28/11/2000) or 68151/034 (21/5/2001)
Nowra	68072	Min	01/01/1964	Obs time	0.2		69018	70080	70015	68034	68053	70094	63039	63004	63065	61086	
Nowra	68072	Min	01/01/1958	Statistical	-0.48		69018	66062	66037	67033	68034	70014	63004	65012	65016		
Moruya Heads	69018	Max	01/10/1966	Move	0.5		68034	68076	66037	68053	66078	66131	66062	67035	67033	68081	
Moruya Heads	69018	Max	01/01/1956	Statistical	-0.5		68034	66037	66062	67033	61078						
Moruya Heads	69018	Min	01/01/1946	Statistical	-0.27	Autumn -0.38; Spring -0.47	66037	66062	70014								
Canberra	70014	Min	01/05/2006	Site env	0.47		70339	70091	70263	70310	70330	73007	69049	70080	69132	73141	
Canberra	70014	Min	13/12/1995	Merge	-0.21	Autumn -0.36; Spring -0.32	70338										
Canberra	70014	Min	01/01/1963	Statistical*	0.44		70015	70080	70258	73009	63021	69018	63065	68076	65023	65016	Possibly associated with filling of Lake Burley Griffin
Canberra	70014	Min	01/01/1946	Statistical	-1.43		70015	70037	73007	69010	70025	73009	63005	63033	63023	72000	
Canberra	70014	Min	01/01/1942	Statistical	0.93		70015	70037	73007	69010	70025	73009	63005	63033	72000	63224	
Wagga Wagga	72150	Min	01/01/1968	Site env	-0.46		74114	73038	73127	73019	72023	72000	73009	75028	73032	73054	

Goulburn is station number 70330

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes
Mildura	76031	Min	01/01/1942	Statistical	-0.65		76026	76047	47053	49013	76064	47016	77042	24002	80023	80006	
Mildura	76031	Max	01/07/1933	Screen	0.76		47053	49013	47016	77042	24002	80023	80006	77004	47007	49002	
Mildura	76031	Min	01/08/1927	Move	0.43		76026	47053	49013	47016	77042	24002	80023	80006	49002	77004	
Nhill	78015	Max	11/06/2003	Merge	0.35		78031										
Nhill	78015	Min	11/06/2003	Merge	0.91		78031										
Nhill	78015	Max	01/01/1995	Move	0.36		78077	79023	25509	78072	79028	24024	25050	25507	76064	79080	Merged across moves 1/8/1992 and 1/1/1995
Nhill	78015	Min	01/01/1995	Move	-0.54		78077	79023	78072	79028	25507	25509	26089	76047	25050	76064	Merged across moves 1/8/1992 and 1/1/1995
Nhill	78015	Max	01/01/1981	Statistical	-0.31		78077	79023	25509	78072	79028	25050	25507	76064	79080	89085	
Nhill	78015	Max	01/03/1966	Move	-0.17	Summer -0.54	79023	78034	25509	77004	25507	89000	24016	24025	26023	76047	
Nhill	78015	Min	01/03/1966	Move	0.24	Spring 0.39; Summer 0.36	79023	77004	25507	25509	78034	76047	24023	80023	77042	24016	
Nhill	78015	Min	01/08/1949	Move	-0.32		79023	77004	78086	25509	80006	79042	78034	76047	24002	76064	1943-47 used as reference
Nhill	78015	Min	01/01/1938	Statistical	-0.6		79023	77004	78086	25509	80006	79042	78034	24002	77007	80023	
Nhill	78015	Max	01/07/1930	Move	-0.23	Summer -0.57	79023	78034	25509	77004	76064	80006	78086	79042	89000	76047	
Nhill	78015	Min	01/07/1930	Move	0.46		79023	77004	78086	25509	80006	79042	78034	24002	77007	80023	
Nhill	78015	Min	01/01/1915	Statistical	-0.63		79023	77004	80006	79042	78034	77007	80023	77035	77042	90044	
Kerang	80023	Min	18/01/2000	Move	-0.4		77094	74258	80015	75175	76047	80091	78077	81049	74128	88043	
Kerang	80023	Max	01/06/1957	Move	-0.71		77042	74128	81003	76031	89002	78031	47007	47019	72150	74114	1949-53, 1962-66 used as reference
Kerang	80023	Min	01/08/1932	Move	-0.61		77042	74128	81003	76077	89002	78031	86071	47007	82039	21046	
Kerang	80023	Max	01/01/1922	Statistical	0.33		77042	74128	81003	76077	89002	78031	47007	47019	72151	86071	
Rutherglen	82039	Min	01/01/1974	Statistical*	-0.57		74034	82053	82002	72097	82100	74106	81049	81084	72023	82001	Site moved at least once between 1958 and 1975
Rutherglen	82039	Min	01/01/1966	Statistical*	-0.63		82053	82002	82001	72150	74114	80015	74039	74062	74128	75032	1955-59 used as reference
Rutherglen	82039	Max	01/01/1950	Statistical*	0.63		82053	72023	82001	82002	75028	75031	80043	72000	72150	80015	1949 inspection report said site was overgrown, possibly cleared?
Rutherglen	82039	Max	01/01/1938	Statistical	-0.59		82053	72023	82001	82002	75028	75031	80043	72000	80015	82016	
Rutherglen	82039	Min	01/01/1928	Statistical	-0.49		82053	82002	72023	82001	75028	74009	80043	80015	74110	82016	
Gabo Island	84016	Max	01/01/1981	Move	0.9		84070	69055	69093	84030	84083	69017	70005	85072	68034	69018	

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	84016	Min	01/01/1981	Move	-0.33		84070	69055	85199	69017	85103	72091	81084	75028	81049	74106	
Gabo Island	84016	Max	01/05/1977	Site env	-0.42		84070	69055	69093	84030	84083	69002	84108	69017	70005	85072	
Gabo Island	84016	Max	01/09/1927	Screen	-0.39		69002	70005	84080	68034	69018	83025	85096	85055	75028	75031	
Gabo Island	84016	Min	01/09/1927	Screen	-0.82		80043	70067	74009	74128	72023	74110	82016	80015	74062	81003	
Gabo Island	84016	Max	01/01/1920	Statistical	0.81		69002	70005	84080	68034	69018	83025	85096	85055	75028	75031	
Orbost	84030	Max	18/04/1984	Move	-0.91		84083	85072	84070	85199	85277	99005	85096	85106	86077	87031	
Orbost	84030	Min	18/04/1984	Move	-0.38		84083	85072	84070	85277	83025	85199	82042	70005	85106	86050	
Orbost	84030	Max	25/08/1980	Screen	0.5		84108	84083	85072	84070	85199	85103	85227	99005	85096	85106	
Orbost	84030	Min	23/11/1966	Move	0.72		84080	85072	83025	85103	83033	85106	84016	88109	70094	82053	
Orbost	84030	Max	01/01/1945	Statistical	0.66		84080	85026	85055	85096	86038	87065	86060	86071	86094	87025	
Sale	85072	Min	17/06/1996	Merge	-0.72		85298										
Sale	85072	Min	01/01/1989	Statistical	0.56		85279	85280	85277	84030	85106	84083	85240	85283	83025	81084	
Sale	85072	Max	01/01/1980	Statistical	-0.36		84108	85103	84030	85199	84083	85106	85096	85227	86306	99005	
Sale	85072	Max	01/01/1971	Statistical	0.51		85103	84030	84083	85106	85096	85093	99005	84070	86147	87031	1977-79 used as reference
Sale	85072	Min	01/01/1970	Statistical	-0.53		85055	85103	84030	85106	85093	85153	84083	86094	86116	85152	
Sale	85072	Max	01/01/1950	Statistical	-0.25	Spring -0.39; Summer -0.50	86038	87031	84030	86071	85096	74128	90015	87054	76031	94007	
Wilsons Promontory	85096	Max	01/01/1950	Statistical	-0.26	Autumn -0.42; Winter -0.43	85072	87025	87031	84030	87054	90015	86071	86038	98001	89002	
Wilsons Promontory	85096	Min	01/01/1930	Statistical	0.69		90015	80023	86071	92045	87025	81003	77042	94010	98001	89002	
Melbourne	86071	Min	01/01/1996	Statistical*	0.5		86282	86351	86104	86371	87031	87021	86077	86375	85296	88043	May be associated with new building across road
Melbourne	86071	Max	01/01/1990	Statistical	0.41		86282	86077	86351	87031	86104	86127	87021	87163	85240	90083	
Melbourne	86071	Min	01/01/1964	Obs time	0.54		87005	85103	89002	89018	81003	80015	86116	88109	90147	90044	
Melbourne	86071	Min	01/01/1929	Statistical	-0.4		87025	80023	89002	81003	77094	74128	26020	98001	90015	92045	
Laverton (Vic)	87031	Max	01/01/2002	Statistical	0.32		86077	86071	86282	86361	87113	87163	86068	86351	86375	86104	
Laverton (Vic)	87031	Max	01/01/1982	Statistical	-0.43		86077	86071	86282	87117	86351	86104	86127	87021	86017	85106	1988-92 used as reference
Laverton (Vic)	87031	Min	01/01/1982	Statistical	-0.64		86282	86071	86351	86077	87021	87117	86104	89085	89002	88043	
Laverton (Vic)	87031	Min	01/01/1964	Obs time	0.02		87025	87005	89002	88109	86116	89018	88036	80015	85103	81003	
Laverton (Vic)	87031	Max	01/01/1955	Statistical	0.46		86038	86071	87025	89002	87054	90015	85072	98001	81003	77042	

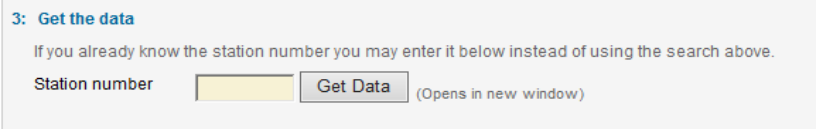
Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes
Cape Otway	90015	Max	15/04/1994	AWS	-0.5		90014	90175	90083	90172	90180	87163	90171	90174	86127	86361	1996-2000 used as reference
Cape Otway	90015	Min	15/04/1994	AWS	0.53		90083	90180	90174	90014	86371	87021	90171	90173	86372	90172	1996-2000 used as reference
Cape Otway	90015	Min	01/01/1988	Statistical	-0.42		90083	90174	90014	87021	90171	86017	90173	89018	90172	85096	
Cape Otway	90015	Min	01/01/1959	Statistical	-0.41		90082	85096	89002	87025	98001	86071	81003	86038	26021	87031	
Cape Otway	90015	Min	01/01/1917	Statistical	0.7		90082	85096	89002	87025	98001	86071	81003	26020	77042	91094	
Low Head	91293	Max	08/01/1998	Merge	-0.79		91057										
Low Head	91293	Max	15/08/1988	Move	-0.09	Summer -0.54; Winter 0.44	91237	91219	91104	91091	91092	91079	91119	97014	97073	93027	
Low Head	91293	Min	01/01/1983	Statistical	0.3		91232	91237	91104	91123	91119	91186	91091	91079	91219	91022	
Low Head	91293	Max	01/01/1970	Statistical	0.41		91123	91104	91022	91091	91092	91111	96005	97047	91099	96015	
Low Head	91293	Min	01/04/1949	Move	0.24	Autumn 0.3; Summer 0.37	91104	91049	94029	92045	97000	94007	96003	94010	85096	92038	
Low Head	91293	Max	01/08/1937	Screen	0.14	Autumn 0.4; Winter 0.37	91049	91094	97000	98001							
Launceston Airport	91311	Max	12/07/2004	Merge	0.69		91104										
Launceston Airport	91311	Min	01/01/1997	Statistical	-0.52		91237	91269	93053	92019	91219	91284	91126	92012	92094	96065	
Launceston Airport	91311	Min	01/01/1969	Move	-0.86		91057	91111	92045	92033	91112	92038	93014	96021	91080	94029	1960-63 used as reference
Launceston Airport	91311	Max	01/04/1939	Merge	-1.07		91104	91049									Only 1939-47 used in merge. Merge 91049 and 91104
Launceston Airport	91311	Min	01/04/1939	Merge	-2.45		91104	91049									Only 1939-47 used in merge. Merge 91049 and 91104
Launceston Airport	91311	Max	01/01/1939	Statistical	0.27	Autumn 0.44; Spring 0.42	91057	81003	97000	89002	85096	94029	92038				Adjustment applied prior to data use in overlap
Launceston Airport	91311	Max	01/12/1929	Move	-0.14	Autumn -0.52; Winter -0.48	91057	81003	97000	89002	85096	94029	92038				
Launceston Airport	91311	Min	01/12/1929	Move	-0.31		91057	92045	92038	94029							
Larapuna (Eddystone Point)	92045	Max	01/01/1997	Move	0.62		92033	92037	92012	92019	92003	92094	92038	91284	91269	93053	
Larapuna (Eddystone Point)	92045	Min	01/01/1997	Move	0.43		92037	91284	92094	91219	91009	92033	92003	91237	91104	91126	
Larapuna (Eddystone Point)	92045	Min	01/01/1991	Statistical	-0.41		92037	92094	91219	91009	92033	92003	91237	91030	91079	91104	
Larapuna (Eddystone Point)	92045	Max	01/01/1985	Statistical	0.34		92033	92003	92094	92038	92085	93036	91104	91022	91219	91237	
Larapuna (Eddystone Point)	92045	Min	01/01/1969	Statistical	0.3		91009	92033	92003	91030	91099	91123	91112	91119	91107	91111	

Station name	Station number	Temperatures adjusted	Date (adjustment applied to all data prior to this date)	Cause	Impact of adjustment	Seasonal (if applicable)	Surrounding stations used for comparison										Notes
Larapuna (Eddystone Point)	92045	Max	01/01/1965	Statistical	-0.47		92033	92038	91104	94008	93014	91107	94029	91112	99005	94056	
Cape Bruny	94010	Min	01/01/1995	Statistical	0.5		94166	94157	95060	94041	94029	97053	94087	91223	96065	94008	
Cape Bruny	94010	Min	01/01/1991	Statistical	-0.6		94157	94041	94029	97053	94087	91223	96065	94008	95018	91119	
Cape Bruny	94010	Max	13/11/1961	Move	0.47		94008	94027	94029	94069	94056	94041	95003	97000	92038	98001	
Cape Bruny	94010	Max	01/04/1939	Move	-0.25	Spring -0.46; Summer -0.33	94029	97000	92038	98001	90015	85096	87025	86071	87054	89002	
Hobart	94029	Min	01/01/1966	Move/obs time	0.53		94056	94069	94010	95003	93014	97000	96015	96021	94027	96003	
Grove	94069	Min	01/01/2001	Statistical	0.31		94020	94201	95003	94008	94029	95048	95063	96071	94137	94195	
Grove	94069	Max	01/03/1993	Move	0.39		94137	94008	94029	95003	94157	95018	94010	97053	92100	92027	1982-86 used as reference, across moves 1990, 1993
Butlers Gorge	96003	Max	21/05/2008	Merge	0.1	Winter 0.67	96071										
Butlers Gorge	96003	Min	01/01/2006	Statistical	-0.31		95018	94201	94069	97053	94195	94029	95048	95060	95003	94008	
Butlers Gorge	96003	Min	01/01/2001	Statistical	0.43		95018	94201	94069	97053	94195	94029	95048	95060	95003	94008	Adjustment applied prior to data use in overlap
Butlers Gorge	96003	Max	07/10/1993	Merge	-0.16	Winter 0.57	96071										
Butlers Gorge	96003	Max	25/10/1989	Screen	0.21	Spring 0.48; Summer 0.32	95018	95011	95003	97053	97073	97034	97014	94069	93014	94137	
Butlers Gorge	96003	Max	01/01/1976	Statistical	-0.41		95011	96015	95001	95003	96021	97053	97034	94146	95015	97014	
Butlers Gorge	96003	Min	01/01/1967	Statistical	-0.34		95003	94069	96015	94029	96002	94008	94027	94056	93014		1971-75 used as reference
Butlers Gorge	96003	Min	01/01/1952	Statistical	0.63		94029	94007	97000	91057	94010	91104	91049	92038			

Table guidance notes:

This document relates to the original ACORN-SAT data set which spans the period 1 January 1910 - 31 December 2009. It does not include three stations where no adjustments have been made – Learmonth, Point Perpendicular, Barcaldine

Columns:

- **Station name** refers to the name used in the national climate record
- **Station number** refers to the active ACORN-SAT station number as at 31 December 2009.
- **Temperatures adjusted** describes which aspect of the temperature record was adjusted - Max for the daily maximum temperature, Min for the daily minimum temperature
- **Date** - All data prior to this date was adjusted for the reason (cause) cited
- **Cause** describes why an adjustment was required
 - o *merge* - data from two different station numbers are being merged with overlap,
 - o *move* - a documented move (this is restricted to changes at the site that are firmly documented)
 - o *move (n)* - a documented move together with a change of station number
 - o *screen* - indicates a change or repair to the screen
 - o *obs time* - indicates a change in observation time (most often the 1964 change at some stations from a midnight to 9am observation time),
 - o *site env* - a change has occurred in the local site environment (e.g. addition/removal of building nearby, change in vegetation),
 - o *statistical* - a change found by statistical methods without specific metadata support
 - o *statistical** - indicates some kind of metadata support which may be imprecise or subject to interpretation – see notes
 - o *AWS* - installation of an automatic weather station (if there was an associated site move this is shown as 'move')
- **¹Impact of adjustment**
 - o is an indicator of the impact of adjustments made to account for the particular reason (cause) cited. It represents the mean *annual difference* between the adjusted and unadjusted data over a period prior to the date of the adjustment. This period is normally the 5 calendar years immediately preceding the adjustment.
Hence if the table indicates a value of -0.5, this means that, in the period preceding the adjustment, the adjusted data at the annual timescale is 0.5°C cooler than the unadjusted data. Conversely, a value of 0.5 would indicate it is 0.5°C warmer.
 - o is not the actual adjustments applied to daily ACORN-SAT data. (The actual homogeneity adjustments were applied to daily data using a distributional adjustment known as a quantile-matching algorithm. This algorithm produces a matrix of transfer functions that are the physical adjustments for each site. The algorithms and transfer functions are documented in [A daily homogenized temperature data set for Australia.](#))
- **²Artificial trends**
 - o It should be noted that concatenating raw composite records (records from more than one site) together could be expected to introduce biases to any trends inferred from that data. For example, if a site moved from a warmer location in town and near the coast, to a cooler location out of town and further inland (such as moving from a post office to an airport), then the subsequent cooling trend will be artificial, and a result of the change in siting. These issues are explained in [Improving Australia's climate record.](#)
- **Seasonal (if applicable)** – this applies where the adjustment was made on the basis of seasonal, rather than annual, criteria. In general the minimum threshold for adjustment is a 0.3°C difference in the annual mean. Exceptions include:
 - o where seasonal criteria are met (0.3°C in two seasons, or 0.5°C in a single season), in which case details are given;
 - o or for the 1964 observation time change which standardised the time for taking all observations at 9:00am for the official time of that location
- **Surrounding stations used for comparison**
 - o These are the stations with which data was merged, or against which the station's data was compared statistically.
 - o Station names can be found using the following link <http://www.bom.gov.au/climate/data/> then choosing *Get the data* and entering the station number
 - o Stations selected are those that have temperatures which are highly correlated with the target station. Stations some distance away from the target station may still show correlations high enough to be useful in identifying artificial jumps in the data at the target station. The relationship is tested statistically.
- **Notes** – provides additional explanatory information