

Australian Bureau of Meteorology Station History Summaries from Station Diaries – the only summary of its type I am aware of. I think the original station diaries went into National archives in the 1990's – but I have not found a reference to them at

This 45 page pdf of Appendix A1 “Station History Summary” – is from the 1996 PhD Thesis by Dr Simon Torok -

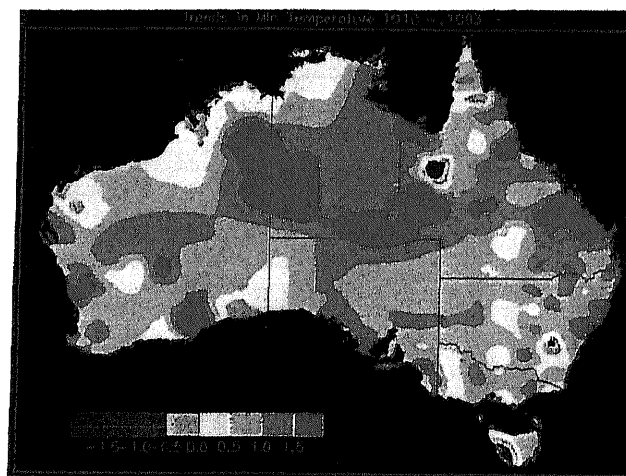
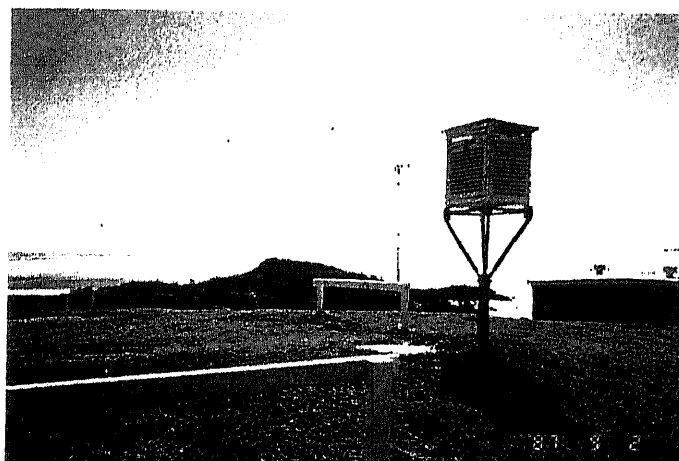
“The development of a high quality historical temperature data base for Australia”

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The development of a high quality historical temperature data base for Australia



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APPENDIX A1 : STATION HISTORY SUMMARY

Western Australia

Wyndham 1013 and 1005

Not much information early.

05/1918: First correspondence. Screen poor. New one sent.

11/1936: Minimum faulty.

06/1938: Screen okay, faces south.

11/1952: Screen good, fairly open. Photo looks good.

07/1962: Screen badly needs paint. Done. No changes in site.

11/1967: Post Office (PO) moves 3 miles so station closed.

07/1970: New site of PO in open, vacant site.

05/1972: No moves but site has been built up.

09/1975: Exposure only fair.

11/1984: Tower has been built adjacent to screen.

07/1986: Site encroached upon and cluttered.

07/1993: Site very crowded.

Halls Creek 2012 and 2011

08/1913: First correspondence.

06/1916: New screen required, but position is near traffic. Iron legs sent.

07/1922: Particularly cool year, but no problems.

1930s: Some observer problems.

11/1945: Screen in open, PO 50 yards to ESE. Site very open.

04/1952: PO moved so measurements ceased. Recordings at A.M.O.

Broome 3003 and 3002

11/1910: First correspondence.

12/1921: New screen replaces very poor one.

No problems or moves to 1940, when site moved to Meteorological Office (MO).

Derby 3007

10/1917: First correspondence. Min too low.

07/1924: Screen satisfactory, faces south.

09/1924: Iron legs replace wooden ones.

08/1938: New screen replaces one that is falling apart.

08/1952: Screen in open over dirt. Exposure looks good from photo. Iron legs are non-standard and extend to top of screen. Grass is very long.

06/1972: Station closed at PO, moved to A.M.O 8 miles south.

11/1981: MO closed so site moved back to old site at PO.

05/1983: Observations made at 4 pm, not 3 pm.

12/1990: 5 metre high shed erected adjacent to screen.

01/1991: Site to move soon.

Marble Bar 4020

03/1930: First correspondence. Screen knocked down by willy-willy. Repaired and set in concrete.

11/1944: Move proposed but no details if carried out or not.

12/1944: Screen brittle and splitting.
01/1965: Min recording low. Replaced.
05/1967: Screen moved up sloping ground towards PO.
08/1984: Move from PO to general store 500m east.
07/1988: Moved 1 km to residence due to overgrown site.

Port Hedland 4032 and 4002

Very little information.
12/1907: First correspondence. No screen.
11/1920: Some observer problems.
06/1922: Screen good, faces south.
05/1943: Screen shifted 25 feet out of shed's shadow.
1948: Move to MO.

Roebourne 4035 and 4054

10/1920: Moved to Roebourne. Records were received until observer died in 1918.
"Never satisfactory".
04/1934: Screen very poor. New one sent.
05/1947: New min replaces faulty one.
1950s to present no changes.

Onslow 5016

05/1924: First correspondence. Screen needs paint, faces south.
07/1925: Whole town, including instruments, relocated 19 km.
08/1936: Min beaded.
10/1948: Screen needs new door. Supplied 03/1949.
11/1965: Instruments resited 6m away from poor site for better exposure.
10/1971: Site closed. Airport station 3 miles away.
02/1975: Station reopened at PO but 20m away in good exposure.
04/1976: Move next door.
05/1983: Screen poor colour due to red dust.
08/1984–09/85: Temporary site 400m away over lawn to avoid dust.
11/1987: Site soon to be concreted.
04/1989: Move to built up site—site just satisfactory.

Carnarvon 6011 and 6062

07/1918: First correspondence. Max and min entry problems.
09/1931: Screen very poor. New one sent.
04/1944: Site is only fair.
1951: Move to MO 0.5 miles away over flat country.

Nyang 6072 and 6066

07/1918: First correspondence.
1910–1930s: Observer problems.
06/1972: New site upgraded from rainfall. More open than previous site.
06/1978: Move. No details.
07/1983: Site moved to avoid trees encroaching.

Meekatharra 7045, 7046 and 7070

10/1919: First correspondence.
07/1921: Problems with observer.
08/1922: Screen needs paint and door fixed.
01/1926: Moved 65 miles to new PO for better observers. Screen poor.
06/1944: Screen a bit high.
01/1946: Building has occurred at PO.
1950: Moved to MO.

Newman 7151 and 7062

06/1938: First correspondence.
06/1961: Moved 8 miles. Very open site.
01/1971: Data used from established site as original site soon closed due to funds.
02/1979: Move 80m into open area.
07/1983: Move 500m.

Geraldton 8051 and 8050

03/1921: First correspondence. Screen small but good, faces south.
10/1926: Screen to be moved a few feet, away from sheds.
01/1927: New PO.
06/1944: Site has deteriorated due to building enclosing site.
1952: Closed as site is enclosed. Moved to MO.

Moora 8091 and 8151

Not much correspondence but no mention of changes.
02/1920: First correspondence.
1966: Closed as new site 12 miles away upgraded. Very open.

Perth 9034

01/1897: Stevenson Screen set up.
No moves 1924–30.
08/1963: Site moved to school.
06/1967: Move to new RO, 3.1 km away.

Rottneest Island Lighthouse 9038

10/1917: First correspondence. New max replaces faulty one.
06/1922: Min faulty. Replaced. All else excellent.
03/1965: Min replaced. Screen fixed. No moves.
08/1968: Possible move proposed for permanence.
11/1978: Small screen replaces large (Fig. A1).

Kalamunda 9058 and 9135

07/1919: First correspondence. Screen in open, site very good.
04/1920: Observer problems. Continues through 1920s.
12/1920: Plans for move. No mention if done or not.
11/1969: Move 200m SE of PO.
12/1980: Move to new PO 2.5 km SSE.
12/1987: New site 2 km NNW.
09/1992: Move due to poor site and unreliable observations.

Bridgetown 9510

Very good site.

05/1924: First correspondence. Screen old observatory pattern, needing repairs and paint.

Excellent site.

11/1935: Screen moved 10m.

05/1936: Screen was facing west, reorientated south.

01/1942: Screen poor and rotted. New one supplied.

11/1949: Site not as good due to move closer to shed and PO.

Augusta (Cape Leeuwin Lighthouse) 9518

06/1916: First correspondence.

11/1916: Problems with min.

01/1919: Screen small old observatory pattern.

11/1926: Still old screen. Thermometers 2 feet from ground.

06/1936: New screen installed.

07/1964: Damaged screen door.

10/1978: Large screen replaces small one. 250m move towards residence close to north.

Shed close to south. This will shield screen and reduce problem of wind shaking.

Busselton 9519

01/1916: First correspondence.

05/1924: Screen observatory pattern.

03/1940: New screen erected.

10/1964: New screen. Possible move away from lighthouse.

03/1984: New screen. No problems or moves.

03/1985: Small screen replaces large one.

Donnybrook 9534

Not well documented.

09/1918: First correspondence.

05/1925: Min had break and observer was subtracting length of gap to get temperature.

05/1924: Screen is observatory pattern.

11/1949: Screen rotten and wobbles. Roof warped and sides made of tin. New screen requested 04/1950.

11/1967: Long grass, shed has been erected.

03/1987: Site poor.

10/1987: Screen relocated 70m ENE to more open site.

Mount Barker 9581

02/1915: First correspondence. Observer dies.

05/1924: Good exposure.

03/1932: Screen fixed.

04/1934: Screen moved 80m N for better exposure.

03/1958: Move to new PO 100m NE.

03/1969: Large pile of wood to east.

11/1975. Downgraded so move to Mount Barker North.

07/1986: Move 350m WSW.

Albany 9741

03/1913: First correspondence. New screen to be erected soon.

05/1913: Several moves lately, this month move to new residence after observer died.

02/1916: Possible move.

1925: Move to PO following possible moves.

05/1924: Trees lopped that were encroaching on site.

05/1936: Site is poor due to trees and close proximity of large iron water tank. Splashed on windy days. Screen too high.

1965: Closed after no moves or improvements to site. Re-opened at MO.

Esperance 9789 and 9541

12/1920: First correspondence.

02/1927: Screen old observatory pattern, in use 30 years. New screen sent.

02/1951: Screen repaired.

10/1961: Site has deteriorated due to building. Screen now faces west.

1970: Move to MO.

Busselton 9842 and 9515

10/1920: First correspondence.

05/1921: Site good but over vegetable patch so watering could lower minimums.

05/1936: Screen low, needs fixing. Done.

11/1949: Site now poor due to clutter and erection of sheds.

12/1957: Screen moved across road to better exposure.

06/1964: Screen moved due to building.

1975: Move several miles to PO.

05/1979: Move 20m due to large willow tree.

Kellerberrin 10073

10/1913: First correspondence

1910s: Observer problems.

06/1935: New screen after being in poor state of repair.

01/1939: Min problems due to reading of wrong end of thermometer.

05/1971: Move 30m N to better exposure.

11/1971: Move 6m W of PO.

1979-85: No moves.

10/1985: Move 500m E of PO

Merredin 10092 and 10093

Not much information but seems good quality.

08/1915: First correspondence. Entry problems.

05/1957: Move 150m SE from old site.

01/1966: Move to excellent site due to downgrading.

03/1986: Site cleared after becoming overgrown.

Northam 10111

04/1919: First correspondence.

11/1919: Screen fixed after being in poor state of repair.

05/1919: Screen had been moved to within a foot of a new building.

11/1924: Screen moved into open.

07/1951: New screen after being blown down and damaged by car many years prior.
11/1961: Move from PO to golf club 1.6 km.
10/1962: Move to army, 800m SSE.
09/1975: Move back to golf club.
09/1979: Move 2 km to Agriculture Dept.
11/1985: Move 2.8 km to council.

York 10144

04/1913: First correspondence. Poor observer.
06/1924: Possible small change of site.
04/1985: After being a very good station the site has deteriorated due to concreting and the nearby erection of an incinerator.

Katanning 10579

08/1919: First correspondence.
02/1924: New screen after wife destroys one with an axe.
12/1942: Possible move about 30 feet north.
01/1952: Move 20m from PO to Line Yard.
02/1972: Site poor due to clutter.
07/1987: Move 100m N of PO.

Narrogin 10614 and 10613

09/1911: First correspondence.
1956: Site closed due to lack of interest.
1965: New site opened at PO.
01/1988: Move two blocks.

Wandering 10648

01/1922: First correspondence. Screen to have louvres fixed.
05/1936: Screen door off hinges so fixed.
02/1987: Trees have been growing so site deteriorates.
07/1987: Move 20m to better exposure.
11/1988: Move to Shire yard.

Balladonia 11017

02/1933: First correspondence.
04/1942: Observer dies. Closed until 1960s.
1964–5: Temporary site 27.0 km W.
1971: Move 500m to NE.
1978: Temperatures often measured over periods longer than one day.

Madura 11019

10/1913: First correspondence.
06/1978: After long closure station re-opened at similar site.
10/1989: Erosion around base of screen.
1990: Move has occurred since 1983, surrounding sand dunes are now lower.

Sandstone 12022, 12072 and 12008

09/1920: First correspondence

04/1929: Poor observer so station closed.
01/1936: Move to new site 48 mile NE.
11/1950: Screen poor, tin roof.
01/1974: Move to new site after closure due to funds.

Kalgoorlie 12038 and 12039

1907: Thermometer shelter falling to pieces and needs replacing.
03/1913: First correspondence. Quite a few reading problems in 1910s.
05/1923: Screen poor with iron parts replacing wood.
12/1936: Screen moved 100 yards as it was enclosed by sheds.
01/1943: Move to MO.
11/1943: Moved slightly as building will occur.

Leonora 12046, 12158 and 12300

11/1919: First correspondence. Screen painted and fixed.
1934: Entry problems as observer not instructed.
1936: Site closed as "the readings are taken by girls".
1950: Move to new site which is built up and only fair.
03/1972: Move to new site away from buildings.
02/1983: Small move back towards PO.
1985-7: Temporary site.

Menzies 12052

10/1921: First correspondence
10/1924: Rotten door replaced.
11/1926: Entry and instrument problems late 1920s.
06/1935: New screen.
10/1944: Very poor site to be moved.
05/1952: Move 100 yards
11/1980: Site move to area clear of trees.
02/1983: Move away from fence.

Southern Cross 12074

09/1913: First correspondence.
1910s: Entry problems and poor site.
04/1923: Yard covered with pumpkins.
12/1943: New screen.
10/1961: Possible move.
10/1972: Move 35m WNW to rear of PO.

Laverton 12219 and 12045

12/1934: First correspondence.
05/1935: Screen poor, new one sent.
06/1965: Site has become cluttered and is close to tin shed and tank.
06/1967: Site moved to better exposure.
01/1969: Move to excellent site.

Wiluna 13012

11/1912: First correspondence. New min after beading in old.

10/1921: Screen fixed but has been facing SW.
12/1941: Very old screen replaced.
06/1944: Thermometers replaced.
11/1965: Screen has been moved and painted silver.
06/1973: No change in poor site. Vehicles park nearby.
09/1991: Site still cluttered so move planned

Northern Territory

Darwin 14015 and 14016

Darwin was only a small town pre-World War Two, so it is unlikely to show urban effects at the PO site. The airport has an industrial area to the south. Butterworth (1994) claims that the practice of combining the stations at the PO and airport should cease, but this is with respect to the BoM practice of archiving the data from the two sites under the one station number with no correction and is not applicable to this study. There may be data available from Fort Point since 1869.

03/1894: Stevenson Screen supplied to replace Glaisher-type stand. Comment in May 1898 indicates use of a Stevenson Screen ('Max wet bulb has been tampered with, one end being out of rack and sitting on floor of screen').

1930s: Trees shading PO site.

Pre-41: Move.

01/1942: Move from Darwin PO to airport.

1970-89: Site moves of 1-1.5 km

10/1990: Move.

Alice Springs 15590 and 15540

No mention of Stevenson Screen by 1913 nor again by 1925.

11/1931: Stevenson Screen supplied from Melbourne.

02/1932: PO site moved 3-4 km from rocky hills of telegraphic station to open plains of the town.

01/1942: Move.

1974: Site move at airport.

South Australia

Port Lincoln 18070

01/1892: Stevenson Screen supplied.

05/1897: First inspection.

1915-24: Corrugated iron nearby. Site poor.

05/1922: Screen fixed after being warped and in poor condition.

10/1924: Screen moved slightly to better exposure.

06/1929: Site built in by PO extensions.

12/1941: Screen moved to private yard.

04/1951: Screen has been painted cream. Poor site continues through 1950s.

07/1962: Site moved to behind church.

02/1975: Move to nearby yard due to imminent building.

10/1986: Move 40m East out of tree shade.

Streaky Bay 18079

1891: Stevenson Screen supplied.
09/1908: First correspondence.
04/1910: Observer reliable and site very good.
06/1948: Move 20 feet
02/1958: New screen after old was in poor condition. Iron fence erected near screen.
02/1962: Move after poor site and several temporary positions since 1959.
05/1972: Site poor from now until end of record due to bitumen and building following re-siting in 03/1972 and replacement with small screen.
1986: Screen moved 5m into slightly better position.

Yongala 19062

10/1891: Stevenson Screen supplied. Observations commence in PO yard.
1897: 'Best exposure of any station visited'.
03/1908: First correspondence. Screen repaired and painted.
03/1925: Screen repaired after door had been off for some time.
07/1942: Screen raised 6" to required level.
1944-52: Yard sheltered by buildings before move to good position.
02/1962: Poor screen (lets in sun) replaced.
06/1989-6/1990: Temporary site. Minimums appear to be dropping for some reason (K. Burrows, 1993 personal communication)

Clare 21014

08/1894: Glaisher stand replaced by Stevenson Screen and new set of instruments supplied.
02/1908: First correspondence. Screen needs new roof and paint. Done 04/1908.
08/1914: Temporary site 12 feet east. Some vegetation problems.
11/1922: Screen repaired.
05/1935: Trees lopped after vegetation was a problem.
1943: Small site change. Vegetation continuing problem.
1960: Small site change. Poor screen replaced.
1971: Small site change.

Snowtown 21046

07/1908: Stevenson Screen supplied.
07/1914: First correspondence.
04/1948: Small move due to building.
03/1952: Site only fair.
03/1962: Due to enclosed space screen height raised by 1 foot.
04/1964: Screen lowered.
11/1965: Small screen provided.
07/1971: New screen and small move.

Cape Borda 22801 and 22802

03/1908: First correspondence.
10/1909: Stevenson Screen supplied to replace very old Glaisher stand.
11/1938: Observations cease so data obtained from a site on other cape of island (i.e. composite move).
01/1958: Observations recommence so composite move back.

09/1972: New screen.
1976-8: Move away from lighthouse.

Kingscote 22807

10/1913: Stevenson Screen supplied. Erected in 10/1916?
02/1939: Exposure has deteriorated so move to occur soon.
03/1945: Site quality poor so small move.
04/1949: Screen light stone colour. To be painted white.
07/1966: Screen moved after facing east in cluttered yard.
11/1981: Small move to better exposure.
1989: Ground bituminised.

Roseworthy Agricultural College 23020

1887: Stevenson Screen supplied but by 1908 it had been replaced by a Glaisher stand without permission.
08/1909: First correspondence. Poor thermometers.
09/1912: Stevenson Screen re-installed.
04/1922: Move to new site.
03/1948: Observations taken late so measurements estimated (since 1934?).
03/1949: Records lost due to fire.
01/1964: Screen needs repair. Site has long grass.
06/1973: Move to new site.
09/1984: Site has deteriorated since move.

Adelaide 23090 and 23000

1887: Stevenson Screen installed but not used for official measurements until 1948.
1944: Screen moved north to BoM site.
1947: Stevenson Screen temperatures become official records, Glaisher stand measurements discontinued.
1962: Screen moved 15m west due to building.
01/1978: Move to new location.

Belair 23703

11/1899: Stevenson Screen installed.
08/1908: First correspondence. Poor observer.
10/1912: Move has occurred since 1908.
08/1939: Observer problems due to many uninstructed people doing observations for many years.
02/1952: All readings last 12 years unreliable and to be discarded. Screen to be moved due to building.
08/1977: Move sometime this decade. No details.
02/1988: Screen moved as site had deteriorated.

Mt Barker 23733

04/1892: Glaisher stand replaced by Stevenson Screen and new set of instruments.
12/1907: Open exposure.
02/1911: First correspondence. Observer problems due to 6 changes over last two years.
02/1914: New buildings have been built and screen is facing west. Temporary site used.
11/1914: Move to new site.

05/1933: Trees to be lopped.
04/1948: Building to occur soon.
08/1953: Move to open site at court house due to bituminising of old site. New screen replaces poor one.
06/1964: Site move 30m to council land.
06/1971: Move to court house due to sale of land.

Strathalbyn 23747

04/1892: Stevenson Screen supplied.
11/1912: First correspondence. Site and screen good.
05/1933: Screen reoriented (was east of south).
06/1964: Move to new site 100 yards south due to building and small screen installed.
01/1970: A temporary site is being used. No details.
03/1970: Move to new site 50 yards west.
08/1976: Grass has grown above the height of the screen. Poor state of enclosure.
10/1982: Grass had been cut, but has grown back again.
11/1983: Sandy stone surface has replaced grass.
03/1985: Move to new site 70m due to sale.
1990: Bitumen surface has been laid.

Lameroo 25509

07/1907: First correspondence.
08/1914: Stevenson Screen supplied.
03/1926: Screen fixed.
1951: New screen.
09/1962: Screen moved to temporary site.
05/1963: Screen moved back to PO.
Site problems since 1938.

Cape Northumberland 26005

Glaisher stand replaced by Stevenson Screen after 1888.
10/1908: First correspondence.
07/1913: Inspection shows screen and site very good condition.
05/1938: Move to top of hill. Screen poor with door off.
02/1980: Move 2 km.

Mt Gambier 26021 and 26020

04/1892: Stevenson Screen supplied but replaced by Glaisher stand by 1908. But thermometers said to have been in Stevenson Screen for 8–10 years in 12/1907 (BoM HO Library).
07/1913: First correspondence. Very new screen in photo (Fig. A2).
05/1938: Trees removed.
1940s: Site deteriorates due to building.
01/1943: Move to MO.
04/1964: Move 800m southwest.

Robe 26026

04/1892: Stevenson Screen supplied to replace Glaisher stand.
07/1909: First correspondence. Entry problems.

07/1930: Screen door fixed after many years of problems.
10/1943: Small move 9 feet west to improve exposure.
04/1956: Likely move last ten years.
11/1968: Poor exposure until move 200 yards east to PO.

Padthaway 26089, 78034 and 25536

1899: Likely supply of Stevenson Screen.
11/1919: First correspondence.
01/1943: Move from Rail station to PO.
12/1949: New screen replaces 50 year old screen.
03/1966: Site cluttered. Football inside screen.
05/1969: New screen and move to new site.
01/1971: Composite move due to funding.
01/1977: Composite move due to redundancy.

Queensland

Coen 27005

1888: Stevenson Screen erected.
11/1895: New Stevenson Screen supplied.
06/1918: First correspondence.
07/1929: New screen required.
01/1933: Thermometers placed temporarily in beer case.
06/1954: Site move.
07/1955: Another small move in site.
10/1973: Screen opens to west.
06/1986: Move to rear of PO.
06/1990: Site is enclosed by buildings.

Thursday Island 27022 and 27004

04/1914: First correspondence. Entry problems.
01/1951: Composite move to MO.

Palmerville 28004

11/1895: Stevenson Screen supplied.
06/1909: New screen.
07/1921: Minimum thermometer fixed after being beaded.
10/1926: New screen after old eaten by termites.
07/1988: Screen very old and replaced. Observer also very old but not replaced.
06/1990: Slight tree shading problems.

Musgrave 28007

01/1908: First correspondence.
1929: Site closed.
Not much data.

Burketown 29004

10/1890: Stevenson Screen.
02/1905: New screen.

1908: First correspondence.
02/1910: New large screen.
07/1917: Change in time of recordings from standard to local.
05/1966: New small screen replaces very poor one.
08/1986: Screen moved 50m north away from potential buildings.

Cloncurry 29008 and 29009

02/1889: Stevenson Screen supplied.
05/1908: New screen.
09/1908: First correspondence. New screen.
09/1944: Slight move for convenience.
01/1950: Move to MO for composite station.
01/1976: Move back for composite fill in of data.

Croydon 29012

09/1911: First correspondence.
07/1953: Poor screen.
06/1959: Screen finally replaced.
09/1988: Site moved since 1972, no details.
05/1990: Site moved across road.

Normanton 29041

1896: Max and min 'are "exposed" inside the house against the wooden partition of the sitting room' (Wragge, 1886).
01/1893: Stevenson Screen supplied.
01/1908: New screen.
10/1908: First correspondence.
06/1915: Observation problems until 1918.
05/1917: New large screen.
10/1939: Screen in poor condition. Door was off in 1937.
11/1940: New screen.
10/1956: Move 150 feet southwest due to building.

Georgetown 30018

12/1892: Stevenson Screen supplied.
07/1908: First correspondence.
11/1922: New screen.
02/1929: Observation problems last few years. Improves in 1930s.
01/1965: Observer and site very poor. Screen has broken door and vines growing through louvres.
11/1965: New observer. Yard cleared.

Hughenden 30024

09/1895: Stevenson Screen supplied.
11/1909: First correspondence.
06/1911: New screen, instruments were in bad state.
10/1910: New screen.
03/1930: New screen as termites had eaten through louvres.
01/1937: Screen reoriented after facing west for some years.

06/1953: Move to occur soon due to building up of site.

Richmond 30045

11/1889: Stevenson Screen supplied.

08/1898: New screen

12/1928: New screen

09/1930: First correspondence.

09/1944: Screen in good condition but has iron roof.

09/1965: Screen very poor, rotting. Move 100 feet to more open site.

09/1991: New screen. Station is 'one of the best in north Queensland'.

Cairns 31011 and 31010

04/1908: First correspondence.

11/1924: Site hemmed in by buildings for some time.

12/1929: Move due to imminent building to slightly more open site.

01/1943: Move to MO for composite site.

Cooktown 31017 and 31016

11/1895: Glaisher stand replaced by Stevenson Screen.

08/1908: First correspondence.

02/1915: New screen.

06/1915: Confusion between local and standard times for measurement.

05/1933: New screen as old was rotten.

03/1958: Site was substandard but possible move away from buildings has improved exposure. Screen had been too high.

01/1988: Site moved to airport

Herberton 31029

10/1891: Stevenson Screen supplied.

05/1908: First correspondence.

02/1913: New screen

02/1917: Change in time that observations are taken.

10/1917: Screen reoriented after facing due west.

11/1939: Some reports in 1930s stated screen was facing west again.

09/1951: Small move.

06/1953: Screen leaning as legs rotten. Fixed.

10/1966: Site is more clear than in 1951.

Cardwell 32004

11/1889: Stevenson Screen

07/1909: First correspondence.

12/1925: Poor observer of last decade is transferred.

06/1927: New screen replaces damaged one.

07/1972: White shed erected adjacent to screen.

09/1983: Move 1 km due to closure of PO.

06/1989: Move 1 km due to observer move.

Innisfail 32025

11/1895: Stevenson Screen supplied.

12/1909: New screen.
09/1908: First correspondence.
12/1916: Problems with max and min readings.
01/1932: Grass long, building since 1917.
02/1942: Door falls off, sometimes exposing thermometers to the sun. In addition, screen could be facing north since 1930s.
08/1946: Thermometers were arranged incorrectly, so adjusted.
11/1953: Move 50 yards due to building.
09/1966: Move to better site.
10/1972: Screen in terrible condition so replaced.

Ayr 33002 and 33001

04/1908: First correspondence.
08/1929: Screen moved for convenience.
08/1946: Screen reoriented after a small move since 1933.
01/1952: Move to composite site for better exposure and record.

Mackay Sugar Mill 33047

05/1897: Stevenson Screen supplied.
02/1908: First correspondence.
10/1917: Sun possibly reaches thermometers. Reported to be unsuitable being quite open with an iron roof. Proper standard screen requested.
01/1936: Move 2.5 miles.
03/1937: Screen finally installed.
02/1944: Screen reoriented from facing north.
08/1947: Screen moved away from trees.

Mackay 33119, 33045 and 33046

02/1908: First correspondence.
06/1909: Possible move.
12/1922: Temporary site due to building.
1939: Screen moved.
1941: Move to very enclosed position.
1950: Move to composite site.
1957: Move to composite site.
1960: Move to composite site.

Bowen 33257 and 33007

1910: Stevenson Screen supplied.
04/1910: First correspondence
1909–1914: Poor observer and entry problems.
11/1937: Move to new site.
12/1950: Problems with min for two years.
02/1962: Move to new position due to building.
05/1977: Screen facing north as fence and buildings too close to south.
01/1988: PO to be demolished so move to airport.

Charters Towers 34084 and 34002

07/1898: Stevenson Screen supplied.

12/1907: First correspondence.
04/1939: New screen replaces poor one beyond repair.
06/1947: Move 50 feet south.
12/1953: Site moved away from adjacent shed and incinerator to open site.
09/1971: Trees lopped.
04/1975: Move 10m further away from trees.
09/1989: Screen very poor, to be replaced.
01/1993: Move to new site for composite.

Clermont 35019

05/1897: Stevenson Screen supplied.
01/1914: New screen.
07/1919: First correspondence.
07/1920: Problems with minimum thermometer.
09/1943: Small move to improve site away from buildings.
09/1956: Small move of 6 feet but no change in conditions.
05/1975: Exposure improves due to possible move.

Emerald 35264 and 35027

10/1889: Stevenson Screen supplied.
01/1909: First correspondence.
04/1910: Maximum entry problems by not recording temperature rises after 3 pm.
09/1927: New screen and small move 75 feet east.
03/1928: New screen.
09/1949: Screen has iron roof and site is built up.
05/1958: Move.
06/1962: Possible re-sittings due to building past 3 years.
07/1963: Move to better site next door and iron roof needs to be fixed.
07/1968: New screen replaces warped, rotten one.
04/1975: Grass grown above screen base, site poor.
03/1990: Site enclosed by buildings and trees and has been paved.
01/1993: Move to new site for composite.

Barcaldine 36007

07/1926: First correspondence.
09/1943: Screen is deep cream in colour.
01/1953: Temporary site due to building.
10/1957: Move a small distance.
Mid-70s: Site is a dumping ground for surplus equipment.
07/1984: New small screen replaces very old, poor large one.
09/1985: Move.

Isisford 36026

09/1932: First correspondence. Entry problems.
07/1949: Entry problems often occur.
1960s: Possible move.
08/1973: Grass very long around screen.
01/1976: Entry problems continue.

Longreach 36031 and 36030

07/1896: Stevenson Screen supplied.
08/1911: First correspondence.
10/1911: New screen.
11/1924: New large screen (Fig. A3).
09/1949: Site has deteriorated due to building.
01/1969: Move to MO for composite station.

Camooweal 37010

03/1895: Stevenson Screen supplied.
03/1909: First correspondence.
07/1913: New large screen.
08/1915: Entry problems for next year or so.
06/1933: Possible observation time changes.
06/1970: Exposure deteriorates due to building.
05/1990: Log enclosure constructed near site.

Boulia 38003

03/1896: Stevenson Screen supplied.
08/1909: First correspondence.
11/1916: Wind damage to screen and thermometers blown out.
03/1917: New large screen.
04/1957: Screen door blown off but not replaced for a month.
09/1965: New screen and small move.
06/1970: Possible move recently.
1993: Site shaded and soon to move.

Gayndah 39039

07/1899: Stevenson Screen supplied.
02/1911: First correspondence.
06/1926: Maximum read carelessly.
No new screen by 1931.
02/1932: Screen facing southwest
10/1945: New screen as top of old one would blow off. Screen was facing southeast.
Problem of trees since 1917.

Mount Morgan 39069

07/1909: First correspondence.
02/1927: Rotting screen replaced.
01/1970: Screen to be moved due to shading by trees
05/1985: Observers not keen.

Rockhampton 39083 and 39082

1886: Max and min are 'hung under a verandah having a wooden roof and against a brick wall facing northwest.' (Wragge, 1886).
09/1908: First correspondence. Grass and weeds to be cleared.
10/1927: Grass and weeds overgrown.
01/1942: Move to airport for composite.

Sandy Cape 39085

04/1891: Stevenson Screen supplied.
06/1905: New screen to replace decayed one.
09/1908: First correspondence.
04/1959: Trees that have been a problem removed.
05/1961: Screen to be reoriented as facing southwest.

Gladstone 39123 and 39041

09/1926: First correspondence.
10/1945: Site has deteriorated due to trees and buildings.
01/1957: Move to MO for composite.

Bundaberg 39128 and 39015

12/1898: Stevenson Screen supplied.
11/1910: First correspondence. Max entry problems.
06/1913: New large screen.
06/1933: New screen and small move.
07/1953: Screen moved 50 yards due to building.
06/1964: Site getting worse due to building.
04/1984: Site is now bituminised, incinerator 3m away.
07/1990: Move to airport for composite.

Cape Moreton 40043

09/1908: First correspondence.
01/1917: Min sometimes rises overnight because of lighthouse?
04/1939: New screen replaces poor one.
09/1987: Screen and site in excellent condition (see colour photo on cover of this thesis).

Beerwah 40062

01/1926: First correspondence. Screen badly needs repair.
12/1934: Screen installed in 1900 is replaced.
12/1954: Keen observer leaves and standard of observations drops.
01/1977: Site has deteriorated due to grass and trees.

Gatton-Lawes 40082

07/1937: First correspondence.
09/1945: Screen was facing north so reoriented.
03/1954: Instruments moved 300 yards north.

Gympie 40093

11/1898: Stevenson Screen supplied.
11/1918: New screen.
02/1923: First correspondence.
11/1945: Screen facing southwest, yard cluttered and grass long. Move from Police yard to PO.
1950s: Possible move to Police yard from PO.
01/1963: Move to better exposure from Police to PO.
11/1975: Move to new PO.
02/1989: Move from PO to open forest.

Ipswich 40101

05/1907: First correspondence.
07/1925: Small move due to building.
02/1969: Site has deteriorated due to building.
06/1975: Move to more open site 1 km away.

Maryborough 40126

10/1898: Stevenson Screen supplied.
04/1916: First correspondence.
02/1917: Max and min entry problems as thermometers set before being read.
08/1924: Possible move.
11/1940: Site moved from gardens to PO. Exposure poor.
09/1943: New screen to replace poor one.
11/1945: Screen facing southwest.
07/1957: Site moved 0.5 mile to open exposure, due to building.
06/1964: Grass is long below screen.
04/1972: Site moved to new PO 2 miles away.
02/1991: Site moved to airport 4 km away.

Nanango 40158

03/1929: First correspondence.
11/1945: Site has deteriorated slightly due to hut and trees.
05/1949: Minimum was being read at wrong end.
07/1963: Screen moved to better exposure.
11/1969: Site has been concreted.

Brisbane 40223 and 40214

07/1896: Glaisher stand replaced by Stevenson Screen.
07/1911: New screen.
02/1915: New screen.
01/1950: Move for composite data.

Cambooya 41011

12/1909: First correspondence.
03/1911: Max and min problems. Thermometers very old.
07/1911: Screen moved from rail yards to PO.
01/1981: New screen. Station very good.

Killarney 41056

04/1910: First correspondence.
07/1910: Site moved from rail station to PO.
02/1957: 47 year-old screen needs new roof.
09/1972: Move 10 feet.
06/1988: Site has deteriorated due to car park and trees.

Goondiwindi 41521 and 41038

01/1899: Stevenson Screen supplied.
06/1908: First correspondence. New minimum replaces bubbled one.
08/1928: New large screen replaces very poor one. Small move of 4 feet.

10/1962: Screen to be raised as was 6 inches too low.
04/1965: Observer is short so instructed to stand on box to avoid parallax error.
02/1980: Site has deteriorated due to cars and buildings since 1960s.
01/1991: Move to composite site.

Dalby 41522 and 41023

07/1891: Stevenson Screen supplied.
08/1910: New screen.
01/1914: First correspondence.
02/1927: New screen.
09/1927: Incinerator nearby to be moved away from screen.
09/1951: Screen poor with door falling open. Site has been built up.
06/1954: Site move to new PO with better exposure.
05/1977: Site is now hemmed in by buildings and trees.
01/1981: Screen moved 100 feet due to building.
03/1987: Screen moved 20 m north.
01/1992: Move to composite site.

Miles 42023

05/1894: Stevenson Screen.
06/1915: First correspondence. Entry problems.
09/1929: New screen replaces one with many loose louvres that allowed sun to enter screen.
10/1941: Screen fixed and raised as had iron braces around body and was 1 foot too low.
08/1990: Vegetation to be removed. New screen.

Mitchell 43020

03/1890: Stevenson Screen supplied.
12/1908: First correspondence. Possible move.
03/1917: New large screen.
08/1921: Possible move as new PO built.
06/1948: Screen has been too high last decade. Possible move.
07/1960: Screen moved 6 yards due to tree growth.

Roma 43091 and 43030

10/1897: Stevenson Screen supplied.
02/1908: First correspondence.
12/1908: Screen moved due to building.
11/1912: New large screen.
10/1916: Poor observations during the 1910s.
11/1929: Screen moved 50 feet due to new shed and incinerator.
10/1941: Screen needs to be repaired.
10/1962: Site has deteriorated due to bitumen and buildings.
01/1971: Temporary site during building.
09/1972: Move to new PO.
09/1983: Site moved 50 m south to better site.
01/1992: Move to composite site.

Bollon 44010

05/1899: Stevenson Screen supplied.
05/1923: New large screen.
07/1925: First correspondence.
05/1948: Screen roof cracked badly, to be repaired. Toilet close to screen.
08/1968: Toilet gone but yard slightly cluttered.
05/1994: New screen, move 5 m south out of shade.

Charleville 44021 and 44022

01/1910: First correspondence. Goats feed under screen at times.
09/1914: Move from school to poorer site at PO.
10/1941: Screen too high and faces southwest. Both fixed.
01/1943: Move to aerodrome for composite.
04/1961: Recent move at aerodrome.

Cunnamulla 44026

05/1899: Stevenson Screen supplied.
05/1908: First correspondence.
12/1916: Maximum problems.
05/1935: First new screen, old had rotted.
1964: Possible site move due to building.
08/1968: Another small move.
06/1974: Move to good site after old site had deteriorated greatly.
09/1990: Site has vegetation problem.

New South Wales**Tibooburra 46037**

1909: Stevenson Screen erected.
07/1925: First correspondence.
11/1944: Move
1940s: Reading problems, especially for min until 1952.
05/1975: Pile of bricks near screen, yard cluttered.
08/1980: Move and small screen replaces large one.

White Cliffs 46042

08/1925: First correspondence.
05/1947: Stevenson Screen erected. Housing prior to this had no door and was open to the south.
06/1963: Thermometer broken on dog's nose.
05/1975: Temporary site due to building, probably not moved back.
03/1980: Possible small move for better exposure.

Wilcannia 46043

01/1922: First correspondence.
05/1975: Site has deteriorated due to fence and clutter.
Possible site changes in 1960s and 1980s to improve exposure which is poor on many occasions.

Broken Hill 47007

- 1908: First correspondence.
1929: Move to PO from railway (1889–1920?) or airport (1922–1929?).
1940s: Reading problems with min.
10/1960: Screen moved.
07/1973: Trees growing to west.
12/1985: Move to new site, after closure due to lack of interest, 2 km south of old site.

Menindee 47019

- 10/1925: First correspondence.
05/1939: Screen lowered, reoriented and thermometer positions adjusted during inspection.
08/1983: Site has been built up slightly.
1986: Possible archiving problem.

Bourke 48013

- 08/1908: Stevenson screen installed
05/1920: First correspondence.
05/1937: Screen moved to clearer site.
10/1947: Vegetation problems.
11/1964: New screen to replace poor one.
09/1983: Green border around screen roof to be repainted white.
1980s: Site continues to be sub-standard due to vegetation.

Brewarrina 48015

- 03/1928: First correspondence.
1930s: Entry problems
10/1951: Screen knocked over by stock.
06/1959: New screen replaces very poor, old one. Possible move.
09/1987: Move 60 m to improve exposure.
08/1993: Move to hospital.

Cobar 48027 and 48030

- 12/1924: First correspondence. PO reopened.
03/1937: Minimum reading problems.
01/1963: Move to MO for composite site.

Collarenebri 48031

- 05/1927: First correspondence.
11/1967: Screen moved away from site that has been built up.
05/1993: Screen moved to local pool.

Balranald 49002

- 03/1927: First correspondence.
06/1951: Site moved to more confined space.
05/1967: Move from very poor site to good one.
02/1986: Move to new site 600 m northwest

Condobolin 50014

01/1924: First correspondence.

1920s: Entry problems.

12/1946: Stevenson Screen supplied. Prior to this was a brown old type with a faulty roof, possibly not a Stevenson. It was also one foot too high.

04/1975: Exposure of site has changed but still good.

07/1983: Site has deteriorated slightly.

Coonamble 51010

08/1924: First correspondence.

11/1945: Screen has rusty tin roof and is in poor site.

06/1948: Move to better exposure and new screen.

04/1969: Move from concreted and built up site to good one.

03/1979: Max and min reading problems last few years.

Trangie 51049 and 51048

11/1933: First correspondence.

02/1944: Move 200 yards south to PO.

01/1969: Move for composite site.

06/1987: Site moved 400 m to better exposure.

Mungindi 52020

10/1924: First correspondence.

1920s: Min entry problems.

07/1960: New screen.

Walgett 52026

09/1878: From observer notes 'Thermometers placed on a verandah having an easterly aspect. Verandah high and cool, partly boarded in front, not in glare of sun'.

09/1923: First correspondence.

11/1931: Entry and site problems creeping into observations.

08/1960: Possible small move when new screen replaces very poor one.

11/1962: Move to better exposure.

10/1971: Move due to building.

09/1983: Green vegetation needs to be removed.

06/1993: Move to airport due to vegetation problem.

Narrabri West 53030 and 54120

08/1927: First correspondence.

1930s: Entry problems

01/1962: Move 3 miles to composite site from Narrabri.

08/1970: Site move and new screen replaces poor one.

09/1981: Trees have been planted near screen.

12/1989: Site moved 9 m to better exposure.

Moree 53048 and 53027

04/1924: First correspondence.

06/1950: New screen due to car damage. Possible move away from driveway.

01/1966: Move 2.5 km to composite site at MO.

1989: Growth of trees and some building may cause problems.

Gunnedah 55023

08/1930: First correspondence.

03/1931: Screen fixed after being in poor state.

11/1948: Move but site not improved.

07/1959: New screen and possible small move.

03/1966: Move to radio station with good exposure.

07/1975: Site moved 0.4 mile southeast to improve site and observer.

11/1989: Screen in poor condition.

Quirindi 55049

06/1925: First correspondence.

1936: Building occurring, pile of wood near screen.

03/1944: Screen moved small distance to improve exposure.

05/1957: Screen was facing west. Moved 12 feet to better position.

09/1962: New screen, reoriented to face south.

12/1965: Move 60 feet southeast to better site.

10/1974: New screen moved to new position 30 feet east.

Tamworth 55054

02/1926: First correspondence.

01/1935: Site moved to newspaper offices.

01/1942: Move 1 mile to residence.

07/1950: Move to new site.

02/1951: Move to airport 2 miles west.

07/1956: Move 5 miles to new aerodrome.

10/1970: Possible move.

01/1992: AWS installed to replace site due to building.

Armidale 56002

1884: Screen inside house with fire going.

08/1921: First correspondence.

07/1930: Screen reoriented after facing east.

07/1965: Site move after 30 years of poor exposure.

01/1980: New small screen replaces large one.

Glen Innes 56011

07/1924: First correspondence.

1948: Site has deteriorated due to building.

1949: Screen is facing north.

04/1951: Screen rotated 180 degrees to face south.

03/1956: Move to next block due to building.

11/1964: Screen to be raised after being low last decade.

08/1981: Site has been bituminised.

Inverell 56017

05/1924: First correspondence.

09/1949: Building renders site poor.

05/1957: Tree to be lopped, screen to be repaired.
09/1967: Site moved to clear site. Screen replaced after being brown due to lack of paint.

Tenterfield 56032

08/1927: First correspondence.
10/1962: Possible small move.
12/1964: Site deteriorates due to building.
05/1968: Site moved 80 yards southwest.
1975: Possible move away from buildings.
04/1991: Site moved 1.25 km across town.
04/1993: Another move 2 km back across town.

Guyra 56229 and 56016

03/1922: First correspondence.
05/1927: Screen door fixed.
1920s: Horses continue to break thermometers.
06/1949: New screen replaces one that has completely collapsed.
01/1964: Likely move to better exposure.
01/1981: Move to composite site.

Yamba 58012

05/1924: First correspondence.
1939: Likely move by observer.
06/1956: Screen needs repairs to missing and broken louvres.
11/1980: Move to ideal exposure on next block between 1975 and 1980.

Lismore 58037

11/1931: First correspondence. Screen was only 1.5 feet high over long grass. Recent building up of site. Move to clear position but screen left facing north.
09/1939: Screen raised from 2 feet high and reoriented from north. Possible move.
06/1945: Move to PO.
04/1953: Move across road to park with good exposure.
08/1986: Move 1.2 km from park to PO.

Casino 58063

04/1925: First correspondence. Iron roof has replaced wooden one.
05/1939: Screen's iron roof replaced and screen fixed.
05/1968: Non-standard screen replaced finally by Stevenson Screen.
12/1979: Site moved 20 feet, away from car park.
02/1981: Move 1.5 km south to excellent exposure.

Grafton 58130 and 58024

02/1924: First correspondence.
11/1932: Screen has been facing west.
05/1940: Move 1.8 miles north of PO to good site.
01/1967: Move to composite site 1.75 miles west.

Kempsey 59017

07/1922: First correspondence.

1920s: Sheltered by buildings.
03/1927: Move 0.75 mile due to building.
1930s: Entry problems and buildings shelter site.
12/1938: Screen to be painted, repaired, lowered and reoriented to fix problems.
08/1954: Site moved 2.5 miles due to building.
04/1960: Site moved to radio station.
06/1964: Screen 1 foot too high so lowered. Building to occur.
02/1987: Move 500 m west.
10/1987: Move 2.6 km.
09/1988: Move to new site 3.1 km northwest.

Port Macquarie 60026

08/1924: First correspondence.
01/1939: Move 100 yards to good site.
08/1961: Building has occurred.
10/1969: New screen replaces one with missing louvres.
10/1983: Site moved 1 km away from sea.

Taree 60030

01/1931: First correspondence. Screen possibly 1 foot too high.
12/1951: Building has rendered site poor.
06/1964: Site moved 1.7 km due to extensive building.
06/1983: Some building occurring, moved a few metres.

Murrurundi 61051

10/1924: First correspondence.
1936: Screen green and cream in colour and facing north.
05/1961: Screen moved and reoriented.
05/1968: Site moved 110 feet south, large improvement in exposure.

Newcastle 61055

12/1922: First correspondence.
12/1943: Building to occur.
12/1955: Screen moved 40 feet west due to construction of tower.
08/1965: Screen stand is 6 inches too low and painted black.
10/1975: Building has rendered site poor.
02/1989: Screen recently moved out of enclosed position.

Jerrys Plains 61086

04/1926: First correspondence.
05/1939: Screen has no door, in poor state.
03/1947: New screen erected.
07/1964: Move 50 yards south to clearer position.
08/1972: New screen.
09/1991: Trees encroaching on screen, to be cut down.

Scone 61089 and 61069

02/1924: First correspondence.
05/1926: Screen has never had a door.

07/1939: Door put on non-standard screen.
10/1948: Small move to clearer exposure.
04/1949: Stevenson Screen installed.
09/1967: New screen moved to new position, 90 feet southwest due to cars parking near screen.
07/1969: Screen moved 70 feet north to clear space.
01/1975: Building has rendered site unsatisfactory.
11/1977: Site moved 50 m.
02/1981: Site moved 100 m west.
01/1986: Move to composite site.

Mudgee 62021

1908: Stevenson Screen supplied.
02/1931: First correspondence.
12/1956: New screen replaces 50 year old screen in very poor condition.
11/1967: Building has rendered site very poor.
12/1969: New screen moved to new site across road.
03/1986: Vegetation may be small problem.
01/1993: Site moved due to proposed building.

Bathurst 63005

01/1909: Move to composite site.
06/1924: First correspondence.
04/1950: Grass is too long.
07/1950: Site moved 0.5 mile.
12/1971: Stevenson Screen replaces non-standard screen.
11/1978: Screen moved 30 m east

Katoomba 63039

08/1921: First correspondence.
04/1896: Move from hotel to PO.
06/1947: Exposure has deteriorated due to building. Stevenson Screen replaces a non-standard stand made of brown wood.
08/1948: Small move.
01/1962: Possible move
08/1965: Move from PO to College with much better exposure.
01/1967: Move due to station closure.
07/1973: Move.
03/1974: Move.
12/1975: Move.
08/1982: Move.

Millthorpe 63053

12/1923: First correspondence.
1930s: Entry problems.
09/1966: Stevenson Screen replaces non-standard one.

Lithgow 63224

1937: Move to council premises.

1939: Move to PO.
05/1957: First correspondence.
Early 1960s: Possible move.
05/1965: Move 0.75 mile to open College site.
06/1972: Move 700 yards to open site.
06/1974: Move 1 mile.
04/1980: Move 3 km to open backyard.

Orange 63231 and 63065

10/1926: First correspondence. Site moved from school to PO by 1927.
04/1938: Site is enclosed by buildings.
06/1950: Site has further deteriorated.
07/1965: Site moved to open, grassy exposure.
08/1967: Site moved back to poor PO site.
01/1969: Move to composite site.
12/1969: Move to improve exposure.

Coonabarabran 64008

09/1924: First correspondence.
04/1938: Exposure to be improved by removing incinerator and other microclimatic influences.
06/1950: Possible move since 1938.
05/1957: Screen roof is black, needs repairs.
03/1973: Site moved to car park.
12/1992: Site still poor, new one being located.

Dubbo 65012

1873: Move of site.
1884: Move of site.
1921: Move of site.
02/1929: First correspondence.
04/1929: Observers of 60 years leave, so site moved to PO.
04/1938: New screen replaces very poor one and moved to better position.
07/1953: Building necessitates move next door after screen had been left on a fence.
11/1969: Screen moved 50 feet to better exposure.
01/1978: Move due to building 150 m west.
02/1982: Move to another poor site 300 yards southeast.
10/1986: Site moved 5 km northwest to good exposure.

Forbes 65016

06/1925: First correspondence
01/1926: Site moved 100 yards to residence from news offices.
06/1927: Move next door.
02/1928: Move to PO with poor exposure. Screen built in.
12/1936: Instruments have been moved to private residence.
04/1939: Screen has been moved 1 mile and now faces north.
10/1945: Screen still facing north.
01/1952: Site moved 1.5 miles to good exposure.
07/1964: Screen poor and 1 foot too low.

10/1982: Site moved 1.5 km.
06/1988: Site move.
08/1988: Another move.
07/1991: Move to a new site.

Parkes 65026

04/1924: First correspondence. Observer has died.
05/1924: Instruments moved across the street.
06/1925: New instruments replace very old ones and site moved to PO.
01/1927: Site moved.
11/1933: Site moved 1.5 miles.
07/1940: Instruments moved from residence to radio station.
03/1955: Move to police grounds.
02/1982: Move.
03/1990: Move to back of observer's house without permission.

Wellington 65034

11/1928: First correspondence.
01/1933: Screen in poor condition, to be given a door.
06/1950: Stevenson Screen finally supplied.
10/1967: Building could be a problem.
02/1980: Move 200 m due to buildings.
09/1983: Screen moved to temporary site.
10/1985: Screen to be moved back.
06/1987: Site has trees growing which could be a problem.

Cowra 65091 and 63021

03/1930: First correspondence.
04/1939: Some reading problems.
04/1950: Move to occur due to building.
1966: Site has been built up drastically.
01/1966: Move to composite site 2.5 miles away.

Sydney 66062

Late 1860s: Instruments moved to large shed after being held on Glaisher stand (See Fig. A4).
1910: Instruments moved from shed to Stevenson Screen.
1917: Instruments moved from Observatory to position at cottage where they are to the present. Differences due to move have been calculated to be 1.2°F (0.67°C) cooler at the old site for maximum temperatures and 0.5°F (0.28°C) warmer for minimum temperatures (Kemp and Armstrong, 1972)

Parramatta 66124 and 66046

09/1926: First correspondence.
01/1933: Home-made screen built.
10/1936: Move to school.
01/1967: Move for composite.
11/1981: Site move 100 m north.
12/1989: Move.

Richmond 67033, 67021 and Windsor.

- 1860s: Glaisher stand used.
01/1868: The enclosure was moved a small distance closer to the observatory buildings.
1874: A round, wooden telescope room was built.
1877: Irregular observations.
1879: The observatory replaced by a brick construction.
1894: The telescope room was also replaced with brick.
1890s: Stevenson Screen supplied (Tebbutt's observation books).
01/1898: Move for composite site.
01/1926: First correspondence.
1939: Addition of an iron roof and the omission of a north side to the screen.
1940s: Site deteriorates.
04/1952: A small move to a clearer site and new screen.
01/1954: Move for composite site.
05/1969: Instrument exposure moved.

Jervis Bay 68034

- 11/1908: Stevenson Screen supplied.
01/1924: First correspondence.
04/1932: New screen after old one from 1908 was in disrepair, letting the weather in.
1993: Lighthouse to close.

Bowral 68102 and 68005

- 07/1924: First correspondence. Temporary site due to building. Soon to be moved to permanent position.
02/1941: Possible move away from fence.
1945: New screen replaces very poor one.
01/1966: Move for composite site 1.5 miles.
04/1983: Move 50 m to improve exposure.
01/1986: Move 1.7 km to good exposure.
08/1986: Moved 100 m east.
11/1989: Move 150 m next door.

Wollongong 68188 and 68069

- 03/1925: First correspondence.
05/1941: Site is in cluttered yard.
01/1971: Move for composite site.
08/1985: Trees have grown around exposure.
09/1987: Move 600 m.
12/1993: Trees to be lopped.

Bega 69002

- 05/1922: First correspondence.
07/1941: Screen reoriented after facing east. Yard poor exposure and cluttered.
02/1951: Screen moved next door to police due to building.
03/1966: Site move 1200 yards to North Bega PO.
02/1972: Small move due to road expansion.
04/1982: Move 100 m east due to busy road.

08/1986: Move 250 m north due to building of playground.

Moruya Heads 69018

03/1934: First correspondence.

07/1951: New screen.

10/1966: Slight move of exposure a few feet south.

Bombala 70005

06/1924: First correspondence.

02/1935: New minimum thermometer after being cracked for some years.

04/1965: Some building has occurred but not encroaching upon screen.

05/1970: Screen moved 150 yards to more open exposure.

10/1971: Screen moved back to PO.

06/1983: Site move.

02/1988: Move next door to PO.

Yass 70091

05/1924: First correspondence.

12/1965: Move to swimming pool after long period of missing data.

08/1986: Move to electricity commission 1 km south.

05/1993: Screen moved 4 km north.

Goulburn 70263, 70037 and 70210

06/1927: First correspondence.

05/1939: Very old screen to be moved into adjacent yard.

03/1946: New screen.

1965: Move has occurred since 1950.

01/1966: Move for composite site 4.5 miles away.

01/1972: Move for composite site.

01/1975: Move from girl's home to school.

05/1978: Move to University.

08/1984: Move 1.6 km to good site.

Cooma 70278, 70023 and 70094

01/1933: First correspondence.

01/1956: Move to composite site.

01/1974: Move to composite site.

07/1990: Move to better site down the road.

02/1993: Screen moved away from recently built fence.

Adelong 72000

Not much information prior to 1960s.

07/1927: First correspondence.

10/1941: Reading problems.

01/1950: Small move to slightly better site.

12/1964: Fence removed, trees cut down.

Wagga Wagga 72150 and 72151

07/1923: First correspondence.

07/1925: Move to police grounds due to building at PO.
04/1928: Move due to previous site opening to public.
10/1933: Screen reoriented after facing east.
01/1943: Move to MO for composite site.

Burrinjuck Dam 73007

02/1915: First correspondence.
07/1966: Screen reoriented from facing north for last decade.
04/1981: Site has been cleared of vegetation.

Cootamundra 73009

12/1925: First correspondence.
04/1950: Trees have overgrown site. Possible move to nearby better exposure.
05/1965: Two moves occurred due to building during 1965.
12/1977: Move 30 feet northeast but exposure still poor. Small screen replaces large one.
10/1988: Site moved 20 m south.
03/1990: Brick wall has been erected to the east.

Grenfell 73014

08/1933: First correspondence.
09/1939: Move 20 feet due to car park.
02/1947: New screen.
04/1950: Screen too high.
09/1966: Building has rendered site very poor.
03/1969: Site moved 90 feet northeast to better exposure.
03/1976: Small screen replaces large one.

Young 73056

09/1923: First correspondence.
05/1939: Part of floor and roof missing on screen, facing west. All fixed in 07/1939.
04/1950: Site has been built up entirely.
11/1957: Screen now exposed over asphalt.
12/1967: Screen moved next door to better exposure but incinerator is nearby.
05/1981: Trees have grown close by to north.
11/1985: Small screen relaces large one.
04/1988: Trees lopped but building makes site remain poor.
11/1991: Station closed due to building.

Corowa 74034

06/1929: First correspondence.
07/1940: Open, non-standard screen has a door attached.
08/1948: Site moved due to laundry being torn on screen. Site as poor as the original position.
11/1958: Screen still non-standard.
01/1960: Observations cease.
01/1970: Observations recommence but site has moved Stevenson Screen supplied.
10/1976: Move 1600 m north, but only for a week apparently.
01/1977: Site moved 150 m.
08/1978: Site moved to airport 3 km west.

05/1992: Screen moved 150 m south due to football field.

Deniliquin 74128

Some data deleted by BoM prior to 1964.

12/1925: First correspondence.

12/1949: Buildings have restricted the yard.

02/1967: More building in 1950 rendered site very poor.

09/1971: Site moved 1 km northwest.

09/1984: Site moved to airport 3.7 km south.

Hay 75031

11/1929: First correspondence.

01/1951: Screen moved to slightly better exposure away from trees.

02/1967: Small screen replaces poor one.

07/1970: Screen moved due to building.

09/1972: Site moved due to proposed parking lot. Poor exposure at new site.

09/1985: Move 40 m northeast to clear site.

1993: Station to move to airport.

Hillston 75032

09/1926: First correspondence. Due to retirement of observer station closed for 20 years.

04/1945: Observations recommenced, perhaps at new site.

11/1948: Screen moved to better exposure in yard.

11/1968: Another small move within yard.

Lake Cargelligo 75039

05/1928: First correspondence.

04/1951: New screen after old one splitting.

Exposure poor throughout record.

Griffith 75041 and 75028

01/1924: First correspondence.

03/1931: Station moved to CSIRO.

11/1960: Small move due to building.

11/1987: Site moved due to trees.

01/1989: Move for composite site at airport.

Victoria

Mildura 76031 and 76077

07/1899: Move from Wentworth 18 miles to Mildura.

1903: Some measurements made at another site 1 mile east.

01/1906: Newspaper report of overhanging trees and public interference with instruments.

07/1906: Stevenson Screen supplied.

09/1906: Move to PO.

09/1915: First correspondence.

08/1927: Move from park to PO, but screen installed to face northeast.

07/1933: Screen reoriented to face south.

03/1943: Pile of dirt near screen during construction of air-raid shelter.
01/1947: Move for composite site.
07/1989: Small move.

Swan Hill 77042

11/1908: Stevenson Screen supplied.
02/1922: First correspondence. Building of monument near screen.
11/1930: Move down the street away from monument's cooling effect.
04/1939: Screen top was brown and screen sunk in ground. Fixed.
03/1942: Site moved to improve exposure.
02/1963: Screen fixed after warping so much that light entered screen.
04/1968: Site moved to excellent site.
03/1983: Site moved due to swimming pool construction.

Nhill 78031

03/1898: Thermometers broken by lame cockatoo.
03/1911: First correspondence.
07/1926: Iron shed to be built near screen.
07/1930: Likely move 1.5 miles from PO to flour mill.
08/1949: Site moved from PO to aerodrome.
03/1966: Move from aerodrome to good town site.
11/1970: Move across street due to likely building.
03/1976: Move within town.
08/1992: Small move away from garage.

Donald 78072 and 78011

07/1923: First correspondence.
09/1927: Move from bank to PO.
04/1939: Incinerator to be moved away from screen.
03/1942: Screen reoriented to south.
06/1945: Small move 30 feet east.
01/1966: Move for composite site.

Horsham 79023

10/1898: Thermometer shed erected at PO.
12/1908: Shed replaced by Stevenson Screen.
05/1921: First correspondence.
02/1922: Screen moved to lands office.
09/1941: Possible move out of shade of buildings.
07/1946: Screen moved away from a wall.
07/1952: Move to fire station.
07/1977: Site moved away from town centre.
10/1980: Site moved.
01/1988: Possible move.

Longerenong 79028

About 1901: "Thermometer shed and screen. Very fine structure, louvred (private)".
1947–1966: Poor or no observations due to observer's disinterest.
08/1972: Fahrenheit thermometers changed to Centigrade (as likely all over country).

03/1990: Small screen replaces large one.

Stawell 79042 and 79080

01/1899: "The thermometer shed is now the property of the Town Council..."

02/1899: Stevenson Screen supplied.

05/1921: First correspondence. Screen needs paint and repairs.

06/1925: Screen had been at Town Hall and moved temporarily during building extensions, now moved back to PO.

04/1939: Yard cluttered. Exposure poor for some time.

01/1969: Composite site move due to poor exposure, moved to bowling lawn.

02/1985: Site moved to Miniworld.

12/1989: Site moved to adjacent paddock. New screen.

Echuca 80015

1892: Site is at Police station.

05/1899: Barrachi visits and pays for "painting thermometer shed etc.".

07/1923: First correspondence.

08/1925: Screen in poor condition, sagging, sun shines on thermometers.

04/1939: Move to PO but site is hemmed in.

10/1958: Site poor and cluttered, screen facing west.

10/1966: Screen is an 'old type'.

10/1967: Move to new site and new screen supplied.

06/1974: Move to better exposure.

04/1985: Site moved to airport.

Kerang 80023

01/1899: Stevenson Screen supplied.

02/1907: Move.

08/1932: First correspondence. Site moved to good site.

03/1939: Screen needs replacing urgently.

11/1945: Screen was facing west so reoriented.

06/1956: Screen moved due to building.

06/1957: Screen moved to open site over asphalt.

02/1968: Yard cluttered and screen facing north.

05/1972: Screen and yard okay.

Numurkah 80101 and 80043

12/1904: Move to new PO.

09/1923: First correspondence.

05/1939: Nearby trees to be cut down.

12/1949: Screen poor so painted.

02/1958: Screen fixed after being poor and too low.

03/1963: Temporary site move due to building.

01/1977: Move to composite site.

06/1992: Site closed due to observer move.

Benalla 82002

Stevenson Screen supplied around 1899?

01/1921: Move.

05/1939: Slight move away from concrete. Site is poor.
11/1944: Screen is poor with iron roof and exposure cramped.
06/1951: Move 140m from PO to better exposure.
06/1960: Move to Postmaster's residence.
12/1968: Move due to change of house.
04/1985: Move to good site.

Rutherglen 82039 and 82038

01/1914: Composite site move.
09/1924: First correspondence.
05/1939: Screen opens to west.
12/1949: Long grass around site.
05/1975: Good site, no changes.

Beechworth 82137 and 82001

10/1923: First correspondence.
12/1935: Screen in poor condition—leaning to one side, too high, so all fixed.
03/1948: New observer is not keen.
03/1967: Poor screen replaced and moved slightly.
01/1972: Site moved to private house.
11/1973: Moved to face south.
06/1977: Site moved.
05/1985: Trees a problem.
01/1992: Composite site move.

Wangaratta 82138 and 81053

11/1900: Stevenson Screen sent.
03/1911: First correspondence.
10/1930: Screen repaired, roof was poor.
08/1938: Poor observer does not conform to observation times.
10/1938: Site moved to PO for new observer.
07/1952: Site was poor but even worse now due to building.
09/1952: Possible move to clear site on next block.
08/1961: Move 200 yards to new site.
04/1970: New site one mile west due to unreliable observer.
09/1974: Move 3 km south.
01/1987: Move to airport for composite.
06/1990: Screen over concrete. Should be removed.

Omeo 83025

08/1899: "Thermometer shed very old and imperfect".
03/1902: Stevenson Screen sent.
12/1914: First correspondence. Possible move.
11/1935: Move from newspaper to PO.
07/1950: Screen repainted, max was reading high.
11/1963: Move and new screen as old one had an iron roof since 1950.
11/1977: Move to outskirts of town.
06/1984: Move due to growth of trees.

Gabo Island 84016

07/1901: Stevenson Screen sent by ship.
09/1924: First correspondence.
09/1927: New screen replaces very poor one.
07/1961: New screen.
05/1977: White house adjacent to screen demolished.
05/1985: Site moved since 1980 away from buildings.

East Sale 85072 and 85133

12/1907: First correspondence. Thermometers exposed "under verandah, double roof" and a Thermometer shed is referred to.
10/1925: Stevenson Screen needs repairs.
07/1933: Slight move due to building.
01/1935: Move from Mechanics Institute to Police station.
01/1946: Composite move to MO.

Wilsons Promontory 85096

Stevenson Screen supplied prior to 1905.
08/1932: First correspondence. Screen poor.
01/1933: New screen.
02/1951: Fire at station does not touch instruments.
06/1959: Storm blows screen down. All instruments replaced.
09/1982: Excellent observations from 5th generation observers.

Bairnsdale 85279, 84080 and 84108

01/1900: Thermometer shed erected.
09/1908: Stevenson Screen replaces shed.
10/1925: First correspondence.
08/1936: New instruments after storm blows down screen.
04/1943: Temporary site moved to police station for a year.
04/1949: Site moved to courthouse, next to PO.
01/1970: Composite move. Site very open 1.75 miles west.
08/1976: Site moved 200m to less ideal site.
01/1983: Composite move to very open site.

Cape Schanck 86017

11/1892: Move from PO (?) to lighthouse.
02/1897: Observer requests "box to hang max and min". Palings sent for erection of thermometer shed.
03/1899: "Thermometer (Stevenson) screen sent".
03/1925: First correspondence.
Station closed during World War Two.
08/1962: Observers disinterested and hostile.
02/1979: Small screen replaces poor one.

Melbourne 86071

1859-62: Thermometers were attached to a Lawson stand 10 feet above the ground, 'a precaution very much to be recommended in a country like this, where the soil assumes so high a temperature' (Neumayer, 1864).

09/1862: Move from Flagstaff to St Kilda (Domain).
01/1908: Move to Carlton.

Durridwarrah 87021

08/1900: Thermometer screen sent by rail. Misplaced, but probably found and erected soon after this date.
12/1922: First correspondence.
12/1951: Screen painted green and roof warped.
05/1953: Screen fixed.
08/1957: Site move.
02/1975: Small screen replaces poor one.

Laverton 87031 and 87086

Not much information.
04/1921: First correspondence.
01/1943: Move to MO for composite station.
01/1951–12/1956: Composite data filled in.

Macedon 87036

07/1969: Observations change due to move?
1984: Temporary site.
09/1987: Site moved and all instruments replaced.

Geelong 87117 and 87025

09/1908: Small screen supplied to replace thermometer shed.
08/1927: First correspondence.
11/1938: Possible move.
09/1939: Screen repaired and painted.
08/1954: Move from residence to PO.
01/1956: Move to excellent exposure.
01/1971: Move for composite site.
06/1987: Site moved to better exposure due to trees.

Maryborough 88043

09/1908: Thermometer screen supplied to replace thermometer shed.
04/1929: First correspondence.
07/1949: Screen moved 20 feet so exposure not as good.
10/1958: Screen was facing north after recent move so reoriented.
06/1966: Site moved to rear of PO. Small screen replaces old one.
09/1980: Site moved 700m for convenience.
01/1983: Site moved 1.7 km to good exposure.
12/1986: Site moved 200m east due to trees.

Castlemaine 88110 and 88014

06/1927: First correspondence.
03/1939: Screen door unable to be fully opened, so thermometers picked up to read.
09/1958: Screen low, poor condition, opens west, vegetation problem.
10/1963: Move to a better site.
01/1966: Move for composite site.

08/1978: Site moved 1 km.
04/1985: Site moved due to deterioration from buildings and trees.
05/1990: Site moved 3 km to new prison. Very open exposure.

Ballarat 89002

1890: Move from Law Offices to Observatory.
1904: Move to Botanical gardens. Stevenson Screen supplied.
03/1908: Move to private residence.
08/1891: Thermometer "stand" knocked over.
1900: Thermometer shed in use.
05/1909: First correspondence. Trees need trimming.
09/1944: Screen roof warped.
09/1948: Site moved 2 miles north due to observer death.
10/1953: Site moved 4 miles to good site due to observer death.
09/1966: Site moved 4.5 miles to excellent site.
08/1978: Site moved to airport.
06/1985: Site moved next-door to airport.

Ararat 89085 and 89000

12/1898: Thermometer screen erected in exposed position.
05/1921: First correspondence.
04/1939: Tree growth may be a problem.
08/1944: Poor screen fixed and painted.
03/1952: New screen.
06/1957: Screen moved next door due to building.
10/1961: Small move.
01/1969: Move for composite site.
11/1986: Move to more open exposure due to new buildings.
05/1989: Screen green and white. To be re-painted white.
05/1990: New screen.

Cape Otway 90015

07/1898: "Alterations to thermometer shed now complete".
1900: Stevenson Screen supplied at least before 1902.
03/1908: New screen supplied.
10/1938: First correspondence.
07/1954: New screen replaces very poor one.
09/1966: Screen moved slightly to better exposure.

Portland 90171, 90070 and 90014

03/1916: First correspondence. Move from Customs house to police.
01/1931: Move to residence.
06/1935: Move to private residence.
04/1937: Move to PO.
07/1940: Likely move to rear of shop.
01/1957: Move to Cape Nelson for composite site.
01/1983: Move for composite site.

Warrnambool 90172 and 90082

09/1908: Large screen supplied to replace thermometer shed belonging to council.
11/1926: First correspondence.
09/1954: Move to PO.
08/1969: Move 250 yards due to proposed building.
04/1971: Screen moved back to PO.
01/1983: Move to airport for composite site.
10/1991: Screen moved 1.5 km due to trees.

Hamilton 90173, 90044 and 90103

Supply of Stevenson Screen likely between 1895 and 1903.
03/1903: Move to residence.
02/1905: New screen.
11/1937: First correspondence. Move from newspaper to PO.
12/1937: New screen replaces rotting one.
09/1939: Screen was green so painted white.
07/1950: Move due to building operations.
11/1958: Cluttered yard to be cleared.
01/1961: Small move due to buildings but incinerator now close.
07/1968: Move to open site at school.
01/1980: Move for composite site.
01/1984: Move for composite site.
08/1985: Site moved due to trees.

Colac 90174, 90022 and 90147

08/1930: First correspondence. Screen facing north.
06/1943: Screen moved to better position.
06/1944: Another small move.
09/1955: Site moved to more open site due to proposed building.
02/1956: Move to another residence.
10/1958: Screen's roof is green so to be painted white.
12/1966: Possible move.
01/1969: Move for composite site.
11/1970: Move to city hall.
01/1983: Move for composite site.
06/1987: Site moved 20m.

Tasmania**Low Head 91057**

1895: Only station with Stevenson Screen. Recommended installation by Wragge after this date.
06/1895: Wragge re-aligned screen and moved it to a better position (Wragge, 1896).
10/1910: Screen is modelled on Stevenson Screen but is not the same.
06/1924: First correspondence.
11/1924: New screen.
03/1931: Temperature measurements were made using the attached thermometer on the barometer in the tower to save time.
05/1933: Screen is brown, to be painted white.

06/1937: Non-standard screen very poor. Stevenson Screen supplied.
04/1949: Screen moved 27 feet to open exposure to north.
1970: Site move occurred during the late 1960s.
08/1988: Site moved 25m to better exposure.
04/1992: Channel Nine's *Sunday* program reports that an industrial complex within view of site may affect record. However, the refinery apparently ceased operations in 1974.

Launceston 91104 and 91049

05/1895: Instruments excellent but badly exposed in a shed similar to that at Waratah.
01/1918: First correspondence.
12/1929: Move from museum park to observer's house.
01/1940: Move to MO for composite site.
1968-69: Possible move from terminal to present position.
1990: Cement base removed.

Hobart 94029

1883: Site moved from previous site. Record commenced in 1841 and data available from Abbott's records since 1855, which could be digitised for future use.
06/1895: Thermometers exposed in shed as at Waratah, i.e. specially made shelter with double iron roof and likely to have early morning sun on thermometers (photo on Oct 1966 cover of *Weather News*). Stevenson Screen erected and thermometers removed into it sometime after this.
11/1924: New screen.
1965-66: Two-storey building erected in 1966 and screen moved 15m away from building.
1973: Small cottage demolished.

Waratah 97014

05/1895: Thermometers badly exposed in specially made shelter or shed with double iron roof and likely to have early morning sun on them.
02/1910: Stevenson Screen supplied. Site is on slope.
09/1917: First correspondence.
11/1924: New screen.
06/1933: Screen moved 40 yards east.
04/1948: Screen on steep hill. To be moved.
03/1960: New screen after old one was rotting. Move away from PO 8 yards.
02/1970: Grass growing up to base of screen.
09/1972: Station closed due to funding.
10/1990: Station re-opened but has moved to new site.

Strahan 97067 and 97000

05/1895: Stevenson Screen supplied to newly opened station.
07/1914: First correspondence.
11/1924: New screen.
09/1956: Move 6 feet further from house.
01/1971: Move to composite site due to lighthouse automation.
05/1987: Site has become poor due to trees and buildings.

King Island 98001

07/1924: First correspondence. Observer poor, late observations.

08/1930: Move from lighthouse to PO.

04/1948: Screen reoriented after facing east since early 1930s. Moved 14 feet.

11/1956: Moved due to shading by trees.

05/1969: Shrubs cleared from around screen.

11/1977: Move from residence to PO.

09/1983: Screen fixed after being in poor state. Possible site change.

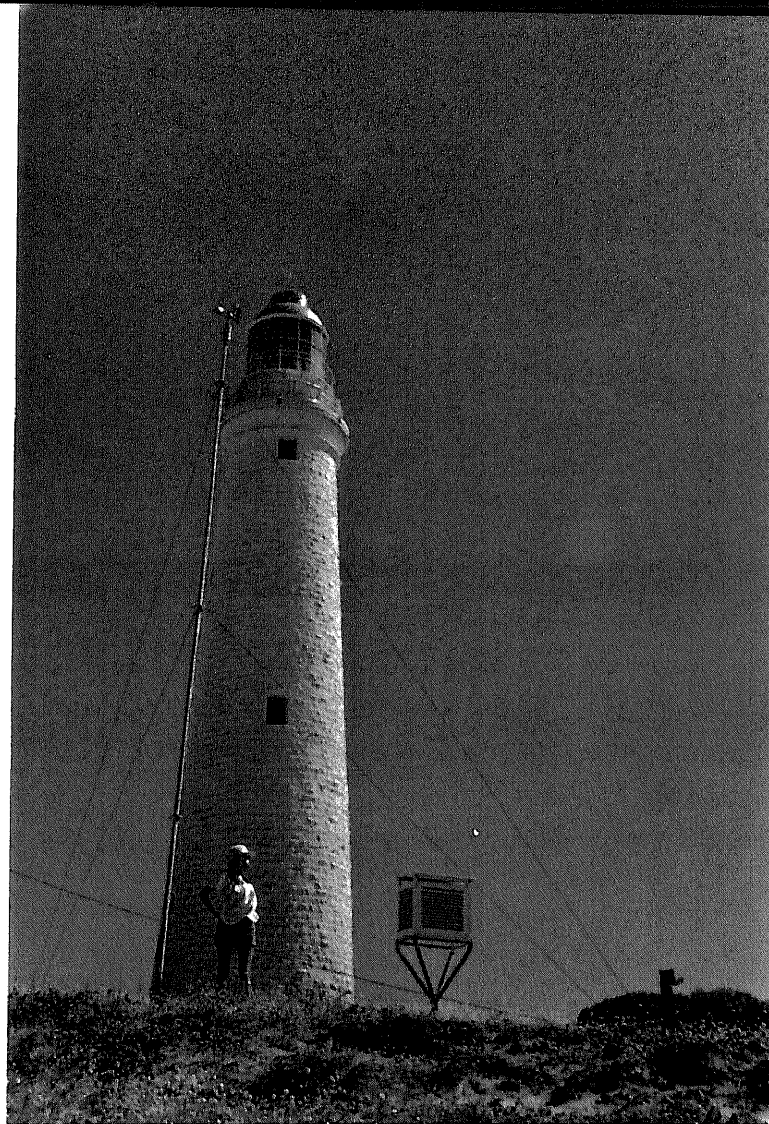


Figure A1. Photograph of the site at Rottnest Island in December 1993.

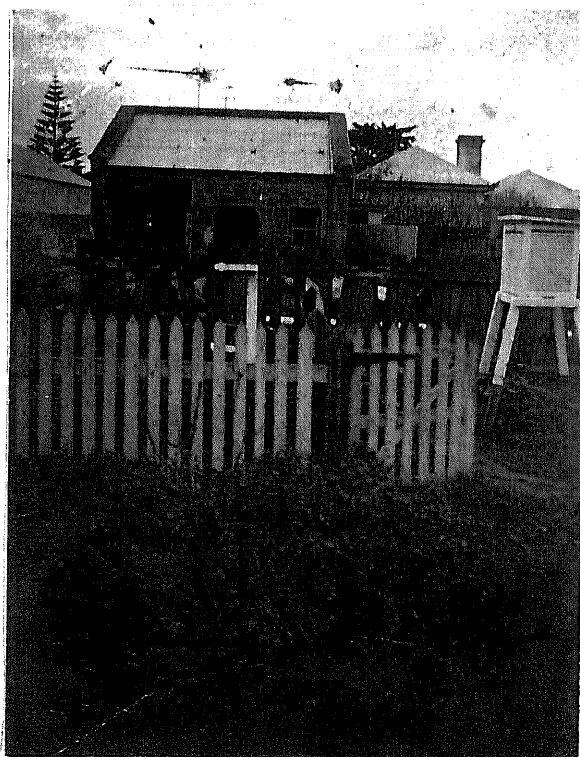


Figure A2. Photograph of the Stevenson screen after its initial installation at Mt Gambier. Photo from BoM NCC archives.



Figure A3. The Stevenson screen at Longreach early in the record. Photo from BoM NCC archives.



Figure A4. Photograph of a reconstruction of the thermometer shed used in Sydney prior to the supply of a Glaisher stand in the late 1860s.