



# Monana

THE OFFICIAL PUBLICATION OF THE AUSTRALIAN  
METEOROLOGICAL ASSOCIATION INC  
April 2020

These are strange times we are living in—many would say unprecedented. As a result the format of our organization has had to adapt . More of this is outlined in the article from AMETA president, Mark Little given on page 4. Suffice to say that this newsletter may be your only contact with the organisation until this period has passed, which is probably several months away at least. We hope that you can bear with us during this time and any suggestions about what you would like to read are most welcome. As mentioned by Mark, please forward any ideas to [monana@ameta.org.au](mailto:monana@ameta.org.au). (see Page 3 for competition details)  
Now for the bulk of the newsletter.

## Article Competition - See Page 3

### February Meeting—Greg Ingleton, SAWATER

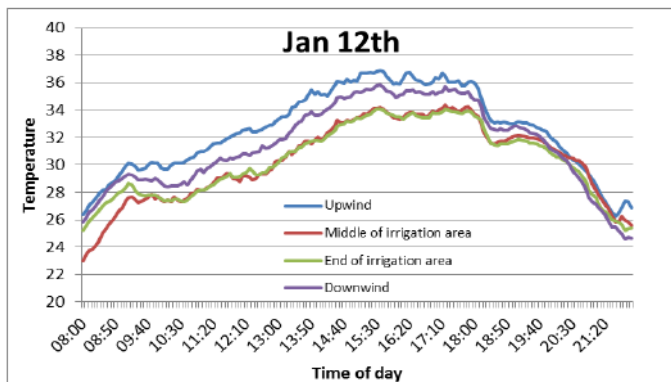


In February Greg Ingleton from SAWater gave an extremely interesting presentation entitled ‘Improving Liveability through Smart Water’. Greg has researched and experimented with various innovative projects, including the use of smart irrigation and using misting for cooling of residential and community spaces.

Working with the Adelaide Airport Authority, one of his most prominent projects has been to reduce surface air temperature along the airport runways, enabling aircraft to reduce take off fuel requirements. In 2019, a decrease of 57 tonnes of fuel (181 tonnes of carbon dioxide) was achieved. By 2039 an annual saving of 162 tonnes and 512 tonnes of carbon dioxide is forecast. How? The project relies on two effects: evaporative cooling and changing the amount of heat radiated by the surrounding ground surface. Originally in summer, the extensive hard surfaces and cleared land around the airport often became heatsinks having impacts on both terminal and airside operations. By installing an array of irrigated and non-irrigated lucerne plots, alongside a control plot of dry bare ground Greg was able to show a cooling effect of around 3°C by the irrigated lucerne. Irrigation is undertaken at night, minimising the loss of water to the surrounding air. Even taking into account the cost of water and the initial cost of the

irrigation network, it proves cost effective. Other factors working to advantage are the long life of individual lucerne plants (around 7 years) and the fact that this crop does not attract birdlife. For more information visit

<https://www.sawater.com.au/news/smart-watering-drops-temps-to-cool-costs> .



Source: SA Water

Use of timely irrigation also has a significant impact on how gardens survive heat waves. The clue is to irrigate well/deeply before the event and irrigate at night. Irrigating before the heatwave, and at night also assists in reducing peak pumping loads for SA Water, reducing peak power usage, and mitigating the risk of blackouts during heatwaves. Measuring soil moisture also ensures optimum irrigation. Simple soil moisture probes for less than \$15 each are available from various hardware stores.

Another SA Water Program, ‘Cooling the Community’ is investigating how to cool open community spaces. Maintaining tree canopy in parks and streets is critical. Irrigation, misting and fogging are being trialled by SA Water and some local councils. See <https://www.sawater.com.au/news/sa-water-maps-cool-green-parks-with-real-time-temperature-trial>

Misting is also an effective way of using outside living areas in summer and reducing power bills from air conditioning. Small misting systems are available for around \$40. Using such a system on the grapevine covering their outdoor dining area, and operating the misters for 30 sec every 30 mins, Greg has demonstrated that the temperature can be lowered 8°C under the vines on a 40°C plus day. The misters use about 2 litres/jet/hour, 90 Litres of water costs just \$0.30.

If you are thinking of trialling misters – use potable water and flush the system once a week ( by removing the last jet).

Lastly – a note of caution if you are thinking of laying ‘fake lawn’. In a sunny area, air temperatures above fake lawn exceed those above pavement.

For more information on other SA Water hints visit:

[https://www.sawater.com.au/\\_data/assets/pdf\\_file/0006/227823/BR-e-Bulletin-Issue-28-March-2018\\_.pdf](https://www.sawater.com.au/_data/assets/pdf_file/0006/227823/BR-e-Bulletin-Issue-28-March-2018_.pdf)

Many thanks to Beth Walton, AMETA Vice-president for providing this summary.

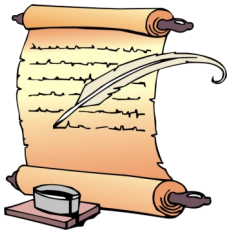


# Article Competition



The Australian Meteorological Association (AMetA) magazine *Monana* is running an article writing competition until October 2020. The competition has the following conditions:

(1) *The article must have a **weather related theme**;*



(2) *The article size should be between 250 words and 500 words (½ to 1 A4 page of normal text). Accompanying photos encouraged, but not essential.*

(3) *The competition is open to all financial AMetA members (excluding*

*Committee members);*



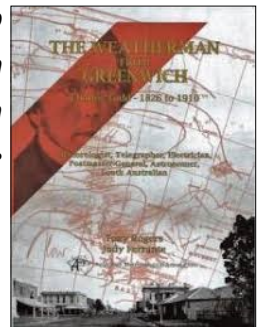
(4) *Only one prize per edition will be awarded. If multiple articles are published, the final decision for awarding prizes will rest with the magazine editors.*

(5) *Subject to availability, the winner may select either an Arduino with prototype shield, or a copy of the AMetA publication “**The Weatherman from Greenwich**”.*



(6) *Entries are to be emailed to [monana@ameta.org.au](mailto:monana@ameta.org.au) as plain text, word or Publisher files with*

*photos as .png, .jpg or .gif (if not included in the file).*



## From the President's Pen

by Mark Little

The summer bushfires and the current COVID-19 pandemic will make 2020 a year that people will remember, even if not very fondly. We are currently in situation of social isolation, the likes of which has not been seen since the Spanish Flu Epidemic in 1919. Not that I'm into numerology, but let's hope the next one follows the trend and isn't until 2121.

We live in an electronic media where on-line communications span the globe. This is both a good thing and a bad thing. Good in that we can keep abreast of the latest official information. Bad because we are bombarded with all sorts of crazy and outlandish theories that some people are unfortunately more inclined to accept when they provide the hope of quick fixes, or play directly to their fears and prejudices. We must all be vigilant not to fall into those traps, otherwise our houses will be packed to the rafters with mouldering toilet paper, and/or medicines that have expired before we got to use them.

During this enforced isolation, the AMetA is taking the opportunity to rearrange its membership lists and mailing lists. Most members will be asked to confirm their contact details and confirm their membership status. We suspect some of our information is incomplete and may contain some errors. Now is a great opportunity to get all our membership records complete and verified because we don't want to find out that we can't contact people when the social isolation ends, and we want to have a grand get together celebration.

Because the meetings had to be cancelled, the AMetA Committee has also decided to increase the frequency of its magazine **Monana** to monthly editions. The even-month magazines will be cover general weather/meteorological interest and club business articles, while the odd-month magazines will focus on more technical topics relating to Personal Weather Stations but only be distributed electronically. To reduce the effort involved with the printed copies of the even-month magazines, they will be limited to 10 A4 pages.

We promise to thoroughly wash our hands before sending you emails to ensure that they won't get blocked by your virus scanner (just a joke, just in case anyone thinks I've gone totally stir-crazy because of the social isolation rules J).

For the magazine we are looking for anything that is even vaguely weather related – perhaps just a paragraph or two about the weather things you are interested in, a weather joke, a good weather picture you have taken, perhaps a story about how the weather affected you, even a weather-related recipe or poem, if you can find them. It doesn't matter what it is. Nor does it matter if you have never contributed anything before, believe that you are no good at writing, or think that your grammar is not up to scratch. The magazine team will sort that out for you, because we want the members to share their interests with other members, not critique their literary styles. If you have something to contribute, please email it to [monana@ameta.org.au](mailto:monana@ameta.org.au). I hope that you and yours remain happy and healthy during these trying times.

**Mark Little**

## In Memory of Social Isolation (1979-1980)

by Mark Little

As I sat on the back patio in the morning sun, listening to some music, after I have had enough of the COVID-19 reports for the day, my mind wandered back to another period of social isolation in my life—not one that was enforced as now, but one that I sought out. That was the seven (7) months that I spent on Willis Island with the Bureau Of Meteorology (BOM) as a Radio Technical Officer. The station as I knew it



is now just a memory having been replaced after damage caused by Cyclone Yasi passed over it on 2011.

The story began when I attended an Antarctic Mid-Winter Dinner in Brisbane in 1979 and heard about this place called “Willis Island” about 400km East of Townsville. It seemed like a great place to visit. So, a few days later, I took a long lunch and visited the BOM's head office in Brisbane to find out if it was possible to get a posting to Willis Island. I was told in no uncertain terms that “Unless

no one else in Bureau in Australia applies, you have no chance of even being considered.” Well, I thought, that was that and I went back to work.

As thoughts of Willis Island faded, I took a temporary job as the Officer-In-Charge (OIC) of the ABC Radio Station 4QO in Eidsvold. I would drive five (5) hours from Brisbane to Eidsvold every Monday morning and on Friday afternoon drive the five (5) hours home. While at Eidsvold one day, I received a letter which contained a sheet of paper telling me that I been released from my current position and I would be seconded to Willis Island for the 1979-1980 tour of duty. All I had to do was pass the medical and psychological tests. It would have been nice to think that I was so impressive that they decided to give me the job, but the cold reality was that no one else in Australia had applied. I got the job, because they had hit the very bottom of the barrel and I was standing there looking up.

Later I found out the letter releasing me had been accidentally forwarded to me by my head office They were quite annoyed when I said I was leaving in a couple of weeks. After some messages between the Minister for Communications (PMG/Telecom) and the Minister for Science (BOM), the matter as settled and I was packing my bags for Willis Island.



After a rather zig-zagging voyage on the lighthouse tender the *MV Cape Moreton*, because its auto-pilot was a bit flaky, we arrived for our stint on Willis Island.

The group consisted of three BOM observers Ian Whillas (OIC), Mick Wyld, Owen Anderson and myself. It would be just the four (4) of us for

seven (7) months until the Cape Moreton returned with a relief crew. After the ship left the attire became more casual as time went by. One could probably even guess that the work attire would not meet contemporary work standards, or even on occasions the normal standards of public decency (except perhaps at a nudist beach).



One thing I saw that made me go “ouch” was when one of the guys had his first skinny dip around the reef just off the island. I saw him next day in the distance and I thought he was wearing bright red shorts. As he came closer, I saw that it was his skin that was red, not red shorts. Decorum prevents me from publishing any photos. Some of that bright red skin was mighty sensitive skin at that, if you get my meaning. All I can say is that I’m glad that I wasn’t the one that ended up with all that peeling sunburn.



Being in a community of four (4) on an island that is about 500 metres by 150 metres for seven months is just like self-isolation at home if it gets really strict, so I can provide a few tips on how to survive it.

If you start passing the time playing Monopoly and you get to hold the properties that allow you to block all the other people, don’t play hardball by refusing to sell to anyone, or it may be the last time anyone wants to play Monopoly with you.

If you are absolutely red-hot on people who pick a tabled card that they accidently threw down and then argue the point, you are probably playing your last game of 500.

If you are Chess Grand Master, cut the other players some slack and sometimes let the Fool’s Mate slip by so the other player gets to play for more than a few moves. During the seven months we were there, just about every game had a period where one of us spat the dummy at some “unpardonable sin” committed by another. Luckily, it was always just the four of us, because a charter vessel turned up and the crew and passengers came ashore for a day visit—probably not something allowed these days when the larger cruise ships pass by doing “scenic cruising”.



Back in those days, “phoning home” wasn’t as easy as it is today from most parts of the globe. When I used to have my weekly phone call to my wife (of just a couple of months before I left) it consisted of here going to the BOM office in Brisbane, who then phoned Townsville or Cairns (I can’t remember which one), where the phone was patched to a HF radio that communicated with Willis Island.

That all sounds fairly easy, except that we had to say “Over” at the end of talking so that an operator listening in to our phone call could change the radio from transmit to

receive and vice versa. So when you are confined to home and are moaning about having to video calls to speak to someone, think yourself lucky that you don't share to share your intimate moments with someone flicking a switch each time you say "over".

After seven months on Willis Island, swimming on the reef every morning and watching the Sun set into the ocean while sipping a rum cocktail in a decapitated coconut through a long straw start to lose its appeal. You start looking forward to going home and having more than a short weekly phone call with your partner. So, after handing over to the next crew, we took the lighthouse tender back to Townsville expecting to see our loved ones on the dock and the end of our "social isolation".

Just as we about to race down the gangplank to the arms of our loved ones, we got a message that the Customs Officers had gone home for the day and we would have to wait until the following day. Of course, the right thing to do was comply with the direction and sit on-board until customs came next day. It simply wouldn't have been legal to say "Stuff this! I'm getting off. If they want to see me, I'll be on Magnetic Island." If someone had done that, it would have been "illegal entry", but luckily I don't have any recollection of anyone jumping ship and going to the honeymoon suite on Magnetic Island. They were simpler times!

Members are encouraged to submit weather related photos to [monana@ameta.org.au](mailto:monana@ameta.org.au) for publication in **Monana**. The first appear in this edition

***See page 3 for competition details***

**Lighthouse with storm clouds in the background - Panama Canal**

**Courtesy of Mark Little**

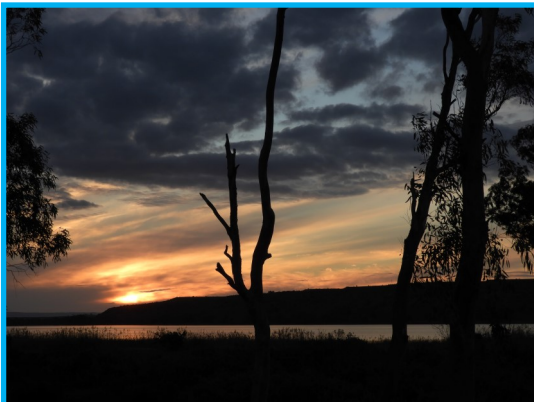
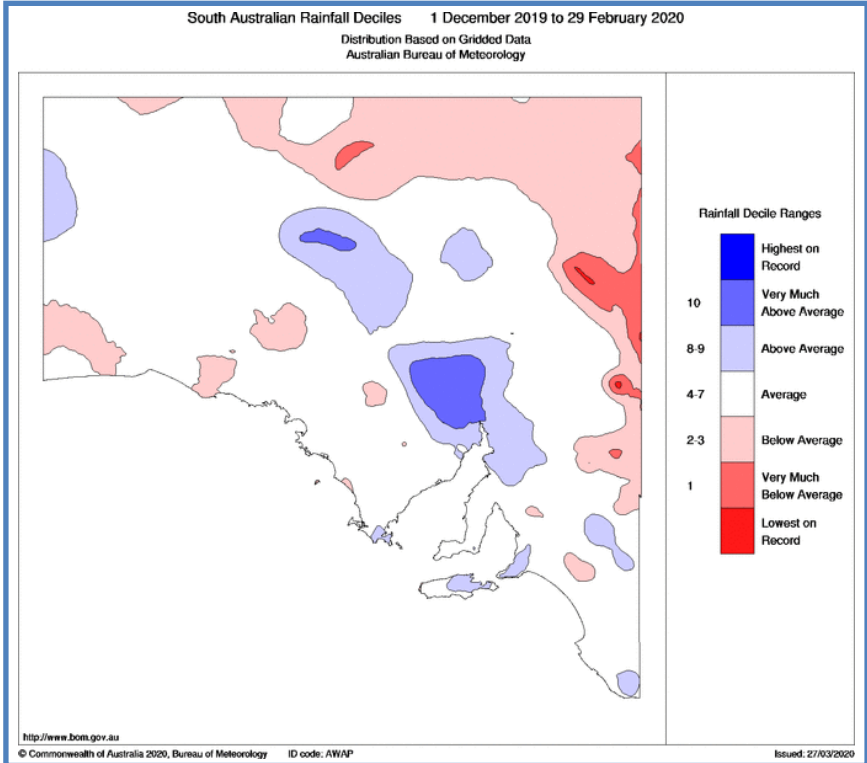


## Greater Adelaide in summer 2019-20: a cool end to a hot summer

Rainfall for summer was close to average or above average across Adelaide and the Hills, with heavy falls at the start of February. Daytime temperatures were close to average or warmer than average, with some very hot days in December but a cooler than average February. Night-time temperatures were generally warmer than average, despite a cool start to December and some cold nights in January.

**For more information plus a summary of Summer's statistics please see:**

<http://www.bom.gov.au/climate/current/season/sa/archive/202002.adelaide.shtml>



**Sunset along the lower  
Murray River**

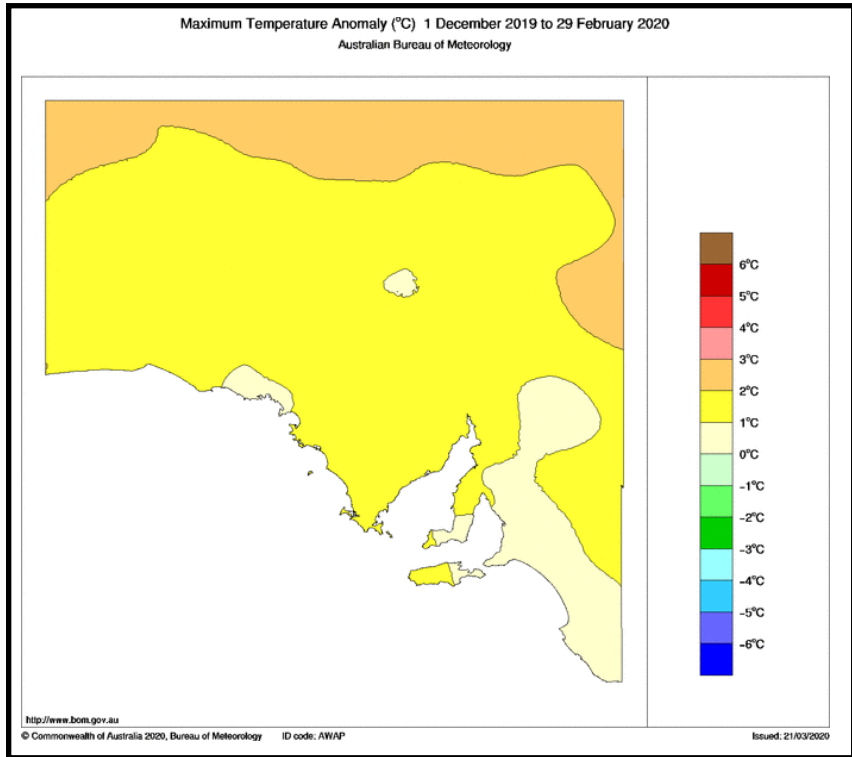
**Courtesy of Mark Little**



## South Australia in summer 2019-20: warm with average to above average rainfall in some areas

Rainfall in summer was generally close to average or above average over many areas, though it was a drier than average in parts of the Northeast Pastoral district and far west. Daytime temperatures were warmer than average across the State, while night-time temperatures were close to average in the south and above average in the northern Pastoral districts.

**For more information plus a summary of Summer's statistics please see:**  
<http://www.bom.gov.au/climate/current/season/sa/archive/202002.summary.shtml>



**All the detail you could possibly want and more is available on the BoM website.**

Visit <http://www.bom.gov.au/climate> and wander through the various archived climate reports and summaries which are available in text and graphical forms.

## **Greater Adelaide in February 2020: a cool, wet month**

After a very wet start to the month, total rainfall in February was above average across Adelaide and the Hills. Daytime temperatures were cooler than average, with cool to mild days spread throughout the month. Night-time temperatures were generally cooler than average, though closer to average than the daytime temperatures.

***For more information plus a summary of February's statistics please see:***

<http://www.bom.gov.au/climate/current/month/sa/archive/202002.adelaide.shtml>

## **South Australia in February 2020: wet start to the month with cool days**

Rainfall in February was above average to very much above average over large parts of central South Australia and the South East. Most of the rain fell at the start of the month, when thunderstorms produced heavy rain and flash flooding in some areas. Daytime temperatures were cooler than average over central and eastern Agricultural districts, but warmer than average in the far north. Night-time temperatures for February were close to average or cooler than average over most of South Australia.

***For more information plus a summary of February's statistics please see:***

<http://www.bom.gov.au/climate/current/month/sa/archive/202002.summary.shtml>

## **Greater Adelaide in March 2020: dry with cool days**

Rainfall in March was below average throughout Adelaide and the Hills, with all sites having less than 30% of their March average. Daytime temperatures were cooler than average on most days during March, but there were several warm days with temperatures above 30 °C. Night-time temperatures tended to be close to or cooler than average, but there were several warm nights through the middle of the month.

***For more information plus a summary of March's statistics please see:***

<http://www.bom.gov.au/climate/current/month/sa/archive/202003.adelaide.shtml>

## **South Australia in March 2020: cool and dry in the south and east**

Rainfall in March was generally below average in central and eastern Agricultural districts, but above average in the southwest and it was a very wet month in the far northeast of South Australia. Temperatures were generally cooler than average in the south and east of the State, but warmer than average in the northern and western districts.

***For more information plus a summary of March's statistics please see:***

<http://www.bom.gov.au/climate/current/month/sa/archive/202003.summary.shtml>

# Adelaide (West Terrace / Ngayirdapira), South Australia February 2020 Daily Weather Observations

The official site for Adelaide, having reopened in May 2017.



Date	Temps			Rain			Evap			Sun			Max wind gust			9am			3pm				
	Day	Min °C	Max °C	mm	mm	mm	hours	hours	Dirn	Spd km/h	Time local	Temp °C	RH %	Cid eighths	Dirn	Spd km/h	MSLP hPa	Temp °C	RH %	Cid eighths	Dirn	Spd km/h	MSLP hPa
1	Sa	20.9	22.0	28.0	0	0	0	09:43	SSW	26	09:43	21.0	97	WSW	13	1009.2	17.9	33	WSW	17	1013.1		
2	Su	16.7	23.1	3.0	0	0	0	12:01	SSW	35	12:01	19.9	59	SW	19	1015.8	22.1	60	WSW	19	1015.1		
3	Mo	15.8	21.8	0	0	0	0	12:54	S	39	12:54	17.5	66	S	15	1017.6	20.6	49	S	20	1018.2		
4	Tu	13.5	25.1	0	0	0	0	13:03	E	39	03:03	17.1	40	E	11	1021.2	23.0	31	SSE	9	1018.6		
5	We	13.2	27.5	0	0	0	0	13:58	E	31	23:58	18.3	50	W	7	1019.4	26.4	27	S	13	1016.4		
6	Th	14.0	32.1	0	0	0	0	14:00	W	33	14:00	20.5	59	WNW	7	1017.4	31.4	26	NW	20	1014.3		
7	Fr	19.5	28.8	0	0	0	0	16:54	ENE	33	16:54	24.6	49	NNE	7	1017.4	27.5	40	ESE	17	1014.9		
8	Sa	22.5	32.9	0	0	0	0	19:03	SE	35	19:03	26.5	47	E	9	1017.3	31.8	35	ESE	13	1014.9		
9	Su	23.2	32.2	0	0	0	0	11:24	NE	37	11:24	24.9	50	ENE	19	1014.3	30.9	33	E	17	1011.5		
10	Mo	20.1	30.9	0	0	0	0	15:43	SSW	39	15:43	24.3	58	N	6	1009.1	29.1	42	WSW	20	1008.8		
11	Tu	17.9	27.1	0	0	0	0	18:18	SSE	33	23:13	19.0	76	SSW	15	1012.2	24.8	58	SW	20	1012.8		
12	We	17.7	25.4	0	0	0	0	16:59	SW	31	16:59	22.2	67	SSE	13	1015.4	23.7	60	S	19	1013.9		
13	Th	19.3	28.5	0	0	0	0	14:11	SW	39	14:11	19.9	82	SSW	11	1009.7	26.2	65	SW	17	1008.6		
14	Fr	17.3	23.4	0	0	0	0	15:54	SSE	37	15:54	18.6	80	SSW	9	1014.6	21.9	60	SW	20	1009.9		
15	Sa	17.2	23.4	0	0	0	0	16:42	SSW	30	16:42	19.0	62	ESE	7	1015.6	24.6	42	S	17	1014.1		
16	Su	13.5	26.4	0	0	0	0	10:31	SW	20	10:31	19.7	61	Calm	7	1012.9	26.3	42	WSW	11	1011.0		
17	Mo	12.7	28.2	0	0	0	0	13:42	SW	54	13:42	19.3	75	SW	17	1013.0	22.1	55	SW	26	1014.4		
18	Tu	17.7	23.0	0	0	0	0	14:00	SW	39	14:00	17.4	54	S	13	1018.2	20.6	45	SW	22	1016.8		
19	We	15.2	22.8	0	0	0	0	17:07	SSE	31	17:07	16.5	58	N	2	1018.6	22.5	40	SSE	13	1017.1		
20	Th	11.8	22.9	0	0	0	0	17:59	S	33	17:59	16.5	55	SE	13	1021.8	22.9	37	SSE	13	1019.7		
21	Fr	13.1	24.3	0	0	0	0	15:09	WSW	31	15:09	18.7	47	WSW	2	1022.3	24.9	37	WSW	15	1019.7		
22	Sa	13.4	26.9	0	0	0	0	23:01	E	24	23:01	22.0	39	NNW	6	1017.5	30.9	21	W	17	1015.9		
23	Su	13.7	32.6	0	0	0	0	03:03	E	28	03:03	25.1	28	Calm	6	1016.5	31.3	25	WSW	17	1014.5		
24	Mo	20.1	32.9	0	0	0	0	15:46	SW	35	15:46	21.8	56	NE	6	1013.5	25.1	48	SW	17	1012.9		
25	Tu	17.4	26.3	0	0	0	0	14:06	WSW	43	14:06	18.9	61	SSW	17	1014.3	21.2	45	S	15	1014.3		
26	We	16.4	24.0	0	0	0	0	12:56	SW	35	12:56	16.2	52	S	7	1016.9	19.9	47	SW	20	1016.0		
27	Th	12.0	21.5	0	0	0	0	13:07	WSW	35	13:07	17.5	74	SSE	4	1018.5	21.5	57	SW	17	1016.7		
28	Fr	15.4	22.9	0	0	0	0	12:08	WSW	30	12:08	17.5	66	SSE	6	1017.1	24.9	46	WSW	15	1013.5		
29	Sa	12.5	26.6	0	0	0	0																
<b>Statistics for February 2020</b>																							
Mean		16.3	26.4									20.1	59		9	1015.8	24.7	46		16	1014.6		
Lowest		11.8	21.5								16.2	28			Calm	1009.1	17.9	21		SSE	9	1008.6	
Highest		23.2	32.9	28.0							26.5	97		#	19	1022.3	31.8	93		SW	26	1019.7	
Total				31.0																			

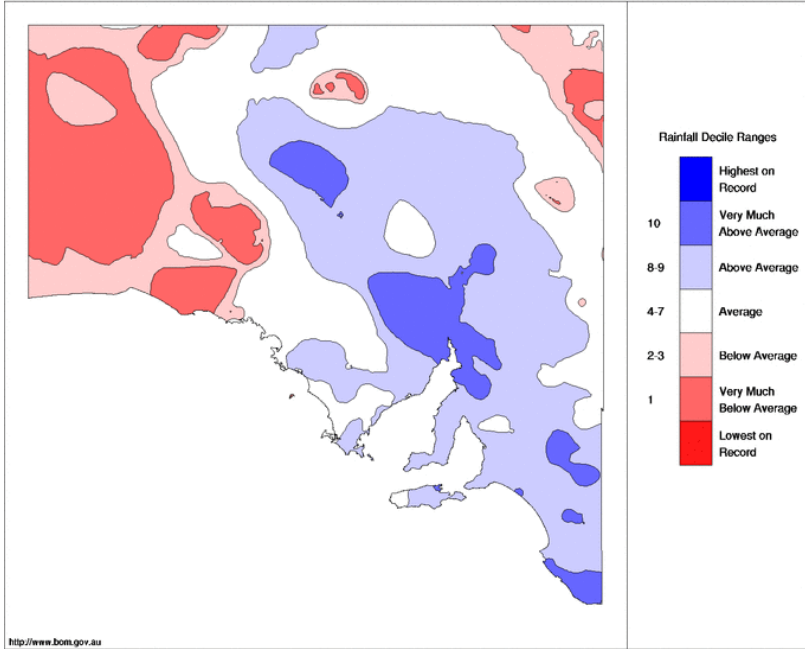
Observations were drawn from Adelaide (West Terrace / Ngayirdapira) [station 023000]

This is now the 'official' site for Adelaide, having reopened in May 2017. Observations are also available from the Kent Town site [station number 023090].

ICD:DW0591\_202002 - Prepared at 13:02 UTC on 21 Mar 2020  
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Users of this product are deemed to have read the information and accepted the conditions described in the notes at  
<http://www.bom.gov.au/climate/dwo/ICD/DW00000.pdf>

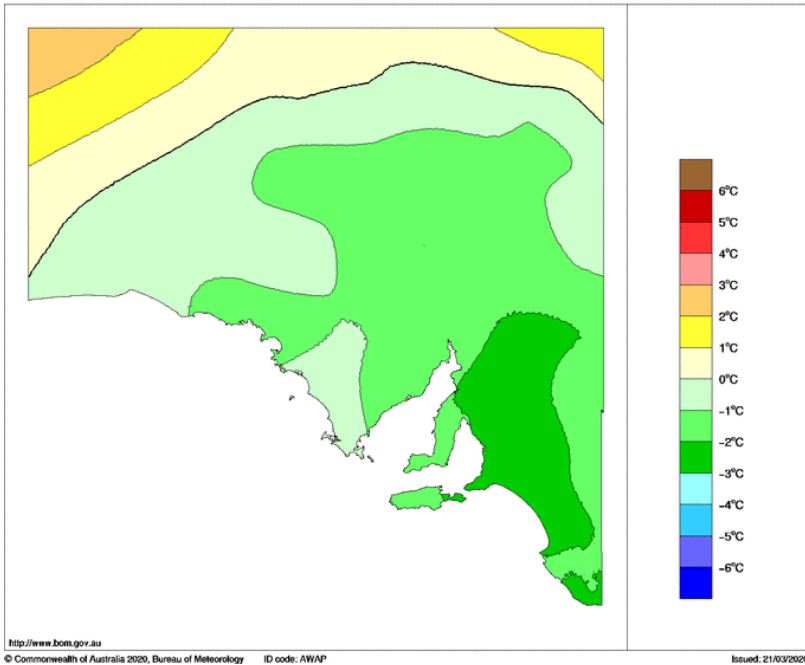
South Australian Rainfall Deciles February 2020

Distribution Based on Gridded Data  
Australian Bureau of Meteorology



Maximum Temperature Anomaly (°C) February 2020

Australian Bureau of Meteorology



# Adelaide (West Terrace / Ngayirdapira), South Australia March 2020 Daily Weather Observations

The official site for Adelaide, having reopened in May 2017.



Date	Temps		Rain	Evap	Sun	Max wind gust			9am			3pm							
	Min °C	Max °C				mm	mm	hours	Dirn	Spd km/h	Time local	Temp °C	RH %	Cid eighths	Dirn	Spd km/h	MSLP hPa		
1	Su	15.5	28.0	0			N	35	09:07	16.2	50	NE	11	1007.8	27.4	31	WNW	13	1007.2
2	Mo	14.2	28.9	2.0			SSE	30	06:32	17.2	57	SE	15	1017.3	21.6	38	ESE	13	1017.5
3	Tu	13.2	20.3	0			SE	41	00:44	14.1	58	ESE	13	1019.3	20.0	44	SE	9	1017.1
4	We	14.1	26.3	1.4			SSE	30	16:03	17.4	74	E	6	1013.5	24.5	37	ESE	13	1009.2
5	Th	13.9	21.2	0			WSW	30	14:02	17.4	70	S	9	1009.6	20.4	59	WSW	19	1009.8
6	Fr	15.1	23.5	0			WSW	33	15:58	17.5	70	SSW	15	1017.6	22.6	59	SW	19	1018.2
7	Sa	14.4	25.5	0			SE	35	02:37	17.1	56	ESE	9	1023.5	24.7	36	E	7	1021.2
8	Su	14.9	25.9	0			SSW	30	16:00	18.6	51	ESE	7	1021.2	25.6	31	ESE	15	1018.3
9	Mo	15.4	25.7	0			SE	33	10:49	17.9	42	E	17	1020.6	24.4	22	ESE	15	1018.0
10	Tu	14.5	29.8	0			E	30	04:06	22.3	41	ENE	11	1017.3	28.2	31	SW	15	1014.4
11	We	16.3	32.7	0			N	26	09:54	22.8	49	NE	7	1015.5	31.0	28	WSW	15	1013.9
12	Th	22.7	32.0	0			NW	30	11:29	26.8	32	NE	11	1015.7	29.6	31	WSW	11	1014.0
13	Fr	19.3	22.7	0			S	48	16:06	19.8	79	WSW	13	1016.6	21.7	51	S	20	1019.0
14	Sa	11.7	20.9	0			SE	43	01:55	14.1	49	SE	19	1025.8	20.1	34	SSE	17	1023.0
15	Su	10.0	24.1	0			SE	28	01:07	15.2	50	ENE	9	1025.2	23.3	32	SE	11	1022.2
16	Mo	13.0	29.0	0			NE	30	09:20	19.2	47	NNE	11	1023.1	27.3	22	N	19	1020.3
17	Tu	19.0	32.6	0			NNE	39	08:12	25.7	27	NNE	15	1020.6	30.7	17	NW	19	1018.5
18	We	22.5	34.1	0			NNW	39	10:57	25.6	30	NNE	11	1020.2	32.7	18	WNW	13	1018.6
19	Th	25.6	32.3	0			NW	41	10:14	29.3	23	N	13	1017.4	26.4	25	WSW	19	1018.4
20	Fr	16.6	22.8	0			WSW	35	09:04	18.5	73	WSW	19	1021.5	21.1	56	SW	17	1021.3
21	Sa	11.1	22.6	0			SW	35	13:41	16.0	66	NE	9	1016.3	29.8	13	SSW	19	1022.7
22	Su	13.2	23.2	0			SSE	37	21:13	17.0	67	S	13	1027.0	21.0	42	SE	15	1026.3
23	Mo	12.8	23.2	0			ESE	41	02:10	14.7	48	E	11	1028.1	21.9	23	SSE	9	1025.0
24	Tu	14.6	19.7	0			NNE	28	10:24	17.9	41	ENE	13	1022.6	17.4	57	N	11	1021.1
25	We	13.0	21.7	0			SSE	35	16:16	15.4	51	ESE	13	1025.1	20.5	33	SE	17	1024.2
26	Th	10.4	22.5	0			W	28	13:31	14.8	54	N	2	1026.9	20.9	43	WSW	17	1023.2
27	Fr	10.0	27.9	0			W	24	13:47	15.0	67	W	2	1022.5	25.5	30	WSW	15	1019.3
28	Sa	14.9	30.5	0			NW	30	11:30	20.6	30	NE	9	1016.3	29.8	13	WNW	17	1012.4
29	Su	18.5	23.9	0.4			WNW	31	09:37	20.5	49	NE	11	1009.1	22.9	45	SW	13	1010.5
30	Mo	16.1	22.9	0			SW	31	01:51	17.8	62	W	11	1016.2	22.0	35	SW	13	1016.0
31	Tu	12.8	23.1	0			W	24	12:16	16.8	74	NE	7	1018.9	22.1	52	SW	13	1015.9

## Statistics for March 2020

Mean	15.1	25.6								18.8	52		10	1019.6	24.1	36		14	1018.0		
Lowest	10.0	19.7								14.1	23		Calm	1007.8	17.4	13		E	7	1007.2	
Highest	25.6	34.1	2.0				S	48		29.3	79	#	19	1028.1	32.7	59		S	20	1026.3	
Total																					

Observations were drawn from Adelaide (West Terrace / Ngayirdapira) [station 023000].

This is now the "official" site for Adelaide, having reopened in May 2017. Observations are also available from the Kent Town site (station number 023040).

ICDJ05081\_202003 - Prepared at 13:02 UTC on 1 Apr 2020

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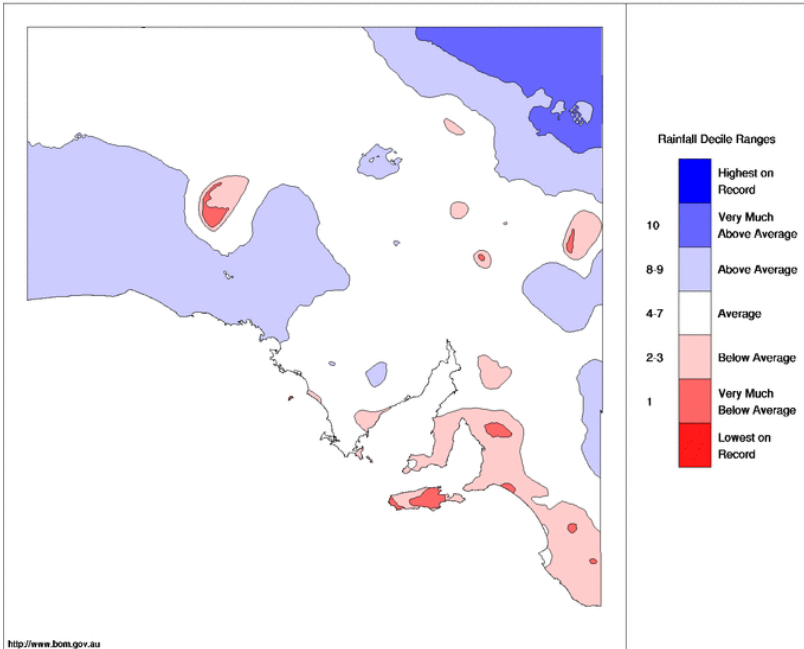
Users of this product are deemed to have read the information and

accepted the conditions described in the notes at

<http://www.bom.gov.au/climate/dwo/ICDJ05000.pdf>

South Australian Rainfall Deciles March 2020

Distribution Based on Gridded Data  
Australian Bureau of Meteorology

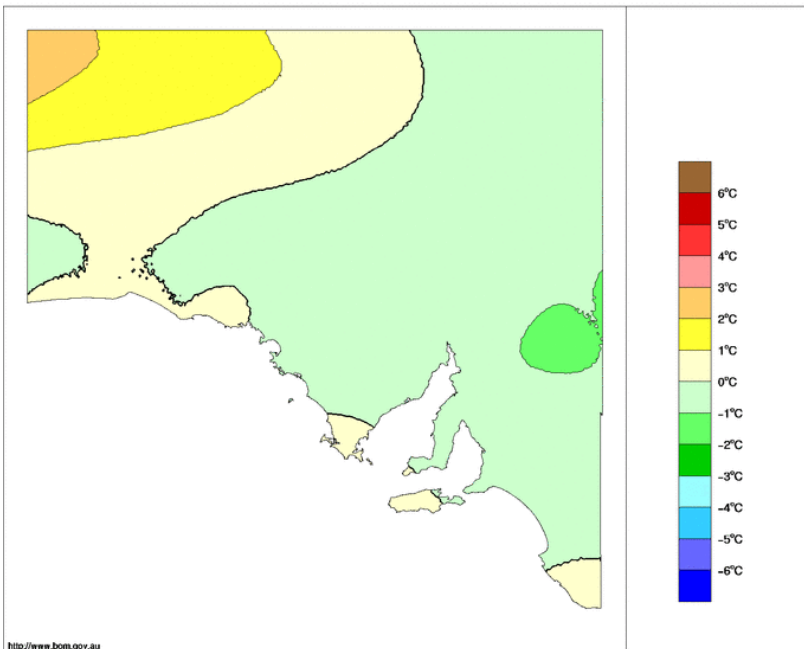


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Issued: 31/03/2020

Maximum Temperature Anomaly (°C) March 2020

Australian Bureau of Meteorology



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Issued: 01/04/2020



## **NEXT MEETING**

### **POSTPONED UNTIL FURTHER NOTICE.**

***For the many years in which I have been involved with this publication, this page has been dedicated to providing details of the next meeting. This time that is not possible. All we can say is stay safe and maintain social distancing. Hopefully we will all get through this period safely and eventually, once again, this page will be devoted to providing details of the upcoming meeting.***



**Rainbow along the lower Murray River    Courtesy of Mark Little**

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