



Bureau of Meteorology

South Australia

WEATHER CONDITIONS IN SOUTH AUSTRALIA AUGUST 2000

SUMMARY

Rainfall was average over much of the State with areas of above average rainfall in both the Pastoral and Agricultural districts. Isolated areas of below average falls were reported from the Central and Southeast districts. Temperatures were near to normal over most of the State.

AUGUST RAINFALL

Pastoral Districts

Rainfall was average over most of the Northwest and Northeast Pastoral districts. Above average falls were reported from the Far North district at the Northern Territory border, in the far south of the North West and Far North district and central parts of the North East district.

Totals were generally between 5 and 10mm although some isolated falls were in the 30 to 50mm range, while isolated stations reported falls in excess of 50mm. Yardea in the NW district and Blinman in the Far North district reported the highest totals of 89mm.

Agricultural Districts

Rainfall was near average over much of the agricultural areas. A coastal area in the far west reported above average rainfall with a small area near Ceduna of very much above average falls. The northern part of Eyre Peninsula and Upper North districts also had a large area of above average falls with a band of very much above average rainfall near Kimba. The southern area had mostly near average falls with parts of the Mid North, the eastern end of Kangaroo Island and a small area near Robe having very much above average rainfall. Some isolated parts of the Lower North Mt Lofty Ranges and an area on the southeast border had below average falls.

Rainfall totals above 50 mm were reported from Eyre Peninsula, The Mid North, Kangaroo Is and the Lower Southeast. Most of the Agricultural areas reported falls of between 50 and 70mm with small areas in the Adelaide hills, Kangaroo Is and the Lower Southeast reporting over 100mm.

The highest rainfall total reported for August was 157mm at Lenswood, in the Mount Lofty Ranges.

August 2000 rainfall for selected stations is presented in [Table 1](#). The map in [Figure 1](#) shows the distribution of monthly rainfall.

AUGUST TEMPERATURES

Mean maximum temperatures for August 2000 were within 1 degree of normal throughout the State.

In the Pastoral districts mean maximum temperatures ranged from 18°C at Nonning to 22°C at Moomba. In the Agricultural districts mean maxima ranged from 12°C on the southern Mt Lofty Ranges to 18°C on Eyre Peninsula and the Riverland.

The highest maximum recorded during the month was 28.0°C at Moomba on the 30th.

Mean minimum temperatures for August 2000 were again mostly within 1 degree of normal over The State.

In the Pastoral districts mean minimum temperatures ranged from 5°C at Tarcoola to 8°C at Moomba. In the Agricultural districts mean minima ranged from 4°C in the Riverland to 11°C on Neptune Island.

The lowest minimum recorded during the month was -3.0°C at Yongala and Yunta both on the 7th.

Temperature statistics for all stations are presented in [Table 2](#).

SIGNIFICANT WEATHER AUGUST 2000

Thunderstorms

In Adelaide and the southern suburbs on the 8th August caused minor roof damage.

Snow

On 12th / 13th August snow from a Thunderstorm at Worumba Station east of Hawker.

Wind

On the 14th wind caused minor damage to roofs in Hallett Cove and Pt Willunga.

Waterspout

A waterspout turned a boat over at Robe on the 8th.

ADELAIDE'S WEATHER

Rainfall

August

Adelaide's rainfall for August 2000 was 60.2mm on 17 days. This is 8.8 mm below the estimated normal of 69 mm on 15 days. Last year 38.2mm was recorded in August on 8 days.

The total for the first 8 months of 2000 was 470.6 mm compared to the normal of 416 mm. The total for the first 8 months of 1999 was 400.0 mm. This is the wettest first 8 months since 1996 when 471.2 mm was recorded.

Winter

Adelaide's rainfall for Winter 2000 was 209.8 mm, which is 13.2 mm below the winter average of 223.0mm, and the fourth consecutive winter of below average rainfall. Last year 189.2 mm was recorded during winter.

Temperatures

August

The mean maximum temperature for August 2000 was 16.5°C, which is equal to the August mean maximum of 16.5°C. The mean August 1999 maximum was 17.3°C.

The mean minimum temperature for August 2000 was 8.5°C, which is 0.3°C above the normal August mean minimum of 8.2°C. In August 1999, 8.1°C was recorded.

Winter

The mean maximum temperature for this winter was 16.0°C, which is 0.1°C above the normal winter mean maximum of 15.9°C. The mean maximum for last winter was 16.4°C.

The mean minimum temperature for this winter was 8.0°C, which is also 0.1°C above the normal winter mean minimum of 7.9°C. The mean minimum for last winter was 8.0°C.

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TABLE 1
Monthly Rainfall totals at Selected Stations

Station Name	ACTUAL (mm)	NORMAL (mm)	DECILE	RAIN DAYS	EXTREME (mm)	DATE OF EXTREME
ANDAMOOKA	7.8	14	5	5	0.4	18
COOBER PEDY APT	0.2			1	4	19
MARLA	5.2	11	6	3	4	19
NONNING	79.0	25		17	7.6	19
PT. AUGUSTA	49.4			17	5	19
WOOMERA	31.4	14	9	12	1.8	19
ARKARoola	9.9	15	5	4	4.4	19
LEIGH CREEK APT	51.0	19		10	2	24
MARREE	4.8	9	5	3	6	15
MOOMBA APT	4.4			4	2.8	19
CEDUNA APT	65.6	36	9	13	6.8	27
CLEVE	56.4	49	7	20	16	9
ELLISTON	67.4	60	7	19	33.2	9
KIMBA	92.4	42	10	11	9.4	19
KYANCUTTA	75.0	40	10	14	10.8	26
NULLARBOR	48.2	25	9	15	3	6
PT. LINCOLN PO	79.4	69	7	19	14	25
STREAKY BAY	81.4	50	9	17	27	9
WHYALLA NORRIE	39.4	24	9	16	6.4	27
HAWKER	58.0	32	9	12	9.2	19
YONGALA	52.2	44	7	15	9.5	19
MANNAHILL	16.8	18	6	3	6.4	19
CLARE	82.2			16	20	19
PT. PIRIE	40.3	35	7	16	10.8	19
SNOWTOWN	67.8	50	8	19	19.4	19
KADINA	60.4	45	8	18	11	19
MAITLAND	65.8	62	6	13	16.6	19
WAROOKA	61.8	60	6	21	10.6	21
CAPE BORDA	69.0	88	4	22	24.2	25
CAPE WILLOUGHBY	105.8	74	9	19	15.6	21
KINGSCOTE	80.4	65	8	17	15.4	25
ADELAIDE APT	49.4	51	6	15	9.6	26
ADELAIDE RO	60.2	70	5	17	14.6	26
ROSEWORTHY AG.	62.4			16	12.2	19
NURIOOTPA PISA	52.8			17	19	21
MT. BARKER	120.0	103	7	18	30.4	19
STRATHALBYN	41.6	61	4	16	21.2	26
VICTOR HARBOR	79.0	68	7	17	28.6	26
LOXTON RES.	15.8	32	4	7	7.6	19
RENMARK PO	22.6	25	6	14	8.4	19
EUDUNDA	33.0	56	3	13	17.4	21
MENINGIE	61.0	57	6	19	15.2	26
MURRAY BRIDGE	29.8	37	4	15	13.8	26
KEITH	46.2	59	4	15	13.4	21
LAMEROO	44.8	45	6	14	14	20
CP NTHUMBERLAND	80.2	95	4	16	40	25
MT. GAMBIER APT	75.6	94	4	20	24.4	21
NARACOORTE	77.0	73	6	17	13.2	21
ROBE	138.0	85	10	19	44.8	25

If the same extreme rainfall was recorded on two or more days, only the first date is listed.

Normals for all years of record to 1995.

TABLE 2
TEMPERATURES AT DAILY REPORTING STATIONS

	MAXIMUM °C						MINIMUM °C					
	HIGH	DATE	LOW	DATE	MEAN	DEPART	HIGH	DATE	LOW	DATE	MEAN	DEPART
ANDAMOOKA	25.0	29	17.0	17	20.6	0.1	12.0	8	3.1	1	7.6	0.4
COOBER PEDY APT	25.5	29	15.1	22	19.7		11.2	17	3.7	13	7.4	
MARLA	26.7	29	15.0	17	21.3	-0.2	14.0	17	0.0	13	5.2	-0.9
NONNING	22.9	3	12.0	4	17.6	-0.4	9.9	4	0.3	1	5.7	1.2
PT. AUGUSTA	24.1	3	13.9	22	18.4		12.8	7	2.4	14	7.1	
ROXBY DOWNS APT	25.0	29	16.0	22	20.2		12.0	8	0.0	2	6.4	
TARCOOLA APT	25.0	7	13.0	17	19.6	-0.5	11.0	17	-1.0	13	5.3	0.0
WOOMERA	23.0	3	15.0	4	18.2	-0.4	11.0	17	4.0	14	7.3	0.6
ARKAROOA	23.0	31	11.0	18	18.1	-0.8 #	12.0	4	-1.0	2	5.4	0.8 #
LEIGH CREEK APT	23.2	3	14.1	23	18.2	-0.3	12.4	4	1.5	14	6.7	0.9
MARREE	25.7	31	18.0	23	21.9	0.7	11.3	4	2.0	14	7.0	0.9
MOOMBA APT	28.0	30	17.0	23	22.1		15.0	4	4.0	1	7.9	
ODDNADATTA APT	27.6	29	16.3	11	21.8	0.0	13.6	27	1.7	14	7.5	0.2
CEDUNA APT	25.0	2	12.0	17	18.1	-0.4	11.0	7	-1.0	5	6.0	-0.2
CLEVE	22.2	2	11.0	22	16.2	-0.4	12.0	7	3.0	11	7.6	0.3
COLES POINT	20.6	3	12.8	16	15.9		11.7	31	3.5	16	7.5	
ELLISTON	22.8	3	14.0	4	17.2	0.4	12.0	7	3.6	1	8.0	-0.2
KIMBA	21.7	2	11.0	4	16.2	-0.7	9.2	4	1.0	13	5.9	0.6
KYANCUTTA	23.7	2	13.0	4	18.2	-0.3	10.6	4	-1.0	11	4.9	-0.1
MINNIPA PISA	19.9	7	13.6	12	15.8	#	9.7	17	4.9	15	7.7	#
NEPTUNE ISLAND	18.0	2	13.0	16	15.4	0.1	15.0	7	-1.0	22	11.3	0.4
NULLARBOR	27.0	1	14.0	22	18.4	-0.8	10.0	17	0.0	5	5.6	0.4
POLDA BASIN	22.8	2	13.0	4	17.7	0.1	10.0	7	-1.0	12	4.9	-0.7
PT. LINCOLN APT	20.5	2	12.7	16	16.0		11.2	4	4.0	29	7.1	
PT. LINCOLN PO	22.0	6	14.0	16	17.7	1.2	13.0	7	6.0	13	8.6	0.2
STREAKY BAY	22.7	31	12.0	17	17.4	0.1	11.9	30	3.0	5	9.1	0.3
WHYALLA AP	24.1	2	14.4	10	17.9	-0.4	12.6	7	2.1	13	6.5	0.8
WHYALLA NORRIE	24.2	2	15.0	12	18.4	0.1	13.0	7	4.0	13	7.7	-0.3
WUDINNA APT	23.0	2	12.0	4	17.2		11.0	4	0.0	12	6.0	
HAWKER	20.5	2	11.0	23	16.7	-0.9	11.0	7	-1.0	14	5.6	1.4
YONGALA	19.8	2	9.0	13	14.3	0.0	9.0	7	-3.0	14	2.8	0.3
GLUEPOT STATION	24.0	2	14.0	22	18.2		12.0	7	-2.0	11	4.1	
YUNTA	21.0	2	13.0	23	16.5	-0.7	11.0	7	-3.0	16	3.9	0.2
CLARE	17.6	2	8.8	22	13.4		9.2	7	0.5	14	4.9	
PT. PIRIE	23.3	3	13.0	22	18.1	0.1	15.0	7	4.0	13	9.5	1.4
SNOWTOWN	20.9	3	13.0	22	17.0	0.3	9.0	28	1.0	11	5.6	0.1
EDITHBURGH AWS	18.9	7	12.2	16	14.6		10.7	7	3.5	12	7.0	
KADINA	21.0	3	14.0	22	16.8	0.1	10.0	7	1.0	11	5.9	-0.6
MAITLAND	20.0	6	12.0	16	15.9	0.5	11.0	7	3.0	11	7.1	-0.1
PRICE	21.4	2	14.0	16	17.4	0.4 #	10.0	16	2.0	11	6.2	0.0 #
STENHOUSE BAY	19.2	6	11.6	17	15.7		11.9	4	6.4	1	9.2	
WAROOKA	20.0	5	12.0	17	15.8	0.3	12.0	7	6.0	12	7.8	0.2
CAPE BORDA	18.0	5	13.0	9	14.7	0.8	13.0	7	6.0	10	9.5	0.6
CAPE WILLOUGHBY	17.0	2	13.0	10	14.9	0.5	15.0	3	6.0	22	10.3	0.9
KINGSCOTE	18.7	2	13.0	12	15.5	0.5	14.0	7	5.0	11	8.9	0.6
KINGSCOTE APT	18.7	2	12.7	17	15.4		8.7	17	2.1	11	5.5	
ADELAIDE APT	20.3	4	12.0	22	15.5	-0.3	13.3	7	3.5	11	7.9	0.4
ADELAIDE RO	20.8	4	12.0	22	16.5	0.1	13.9	7	5.0	11	8.5	0.3
EDINBURGH APT	20.0	2	12.0	22	16.3	0.0	11.0	7	1.0	12	6.1	-0.5
PARAFIELD APT	20.5	2	12.0	22	15.9	-0.1	9.7	28	0.5	11	5.8	-1.1
ROSEWORTHY AG.	20.1	6	12.5	22	15.7		8.3	31	-0.1	12	5.7	
NURIOOTPA PISA	18.0	2	10.0	22	14.1	-0.2	9.0	31	0.0	11	5.0	0.3
HINDMARSH ISLAND	21.0	6	12.0	12	16.0	-0.4	11.0	8	4.0	5	7.6	-0.3
KUITPO FOREST	19.0	4	8.0	22	13.0		11.0	7	4.0	11	6.9	
MT. BARKER	19.0	4	9.0	22	14.4	0.3	10.0	7	1.0	11	5.8	0.9
MT. CRAWFORD	16.3	5	7.0	22	12.3		11.1	3	4.4	15	6.6	
PARAWA AWS	16.5	4	8.5	22	12.1		10.8	7	5.0	17	7.1	
STRATHALBYN	21.6	2	12.0	22	16.6	0.7	10.6	31	1.6	4	6.3	0.2
VICTOR HARBOR	22.2	3	12.0	12	16.6	0.5	12.7	3	6.0	1	8.6	0.7
LOXTON RES.	23.0	2	13.0	22	17.1	-0.2	9.0	25	-1.0	1	3.7	-0.5
RENMARK APT.	23.3	2	13.7	27	18.0		10.0	7	-2.5	11	3.5	
RENMARK PO	23.6	2	14.0	27	18.0	0.1	13.0	7	1.0	11	5.7	-0.3
EUDUNDA	19.1	2	10.0	22	14.0	-0.3	9.0	7	1.0	16	4.6	-0.8
MENINGIE	20.2	3	12.0	22	15.9	0.0	11.0	26	3.0	19	7.2	0.0
MURRAY BRIDGE	22.1	2	13.0	13	17.2	0.0	10.0	8	1.0	19	5.5	-0.4
KEITH	21.6	2	12.0	8	16.2	0.2	12.0	7	1.0	16	5.9	0.1
LAMEROO	22.4	2	11.0	24	16.7	0.5	10.0	7	1.0	16	5.1	0.4
CAPE JAFFA	17.5	5	11.4	22	14.3		11.5	7	2.6	17	7.0	
COONAWARRA	19.0	2	11.0	15	14.2	-0.4 #	10.0	8	-1.0	16	4.1	-1.2 #
CP NTHUMBERLAND	20.0	2	11.0	15	15.2	0.8 #	10.0	29	2.0	17	5.8	-1.4 #
MT. GAMBIER APT	19.0	3	10.0	15	14.3	0.3	11.0	7	1.0	17	5.1	-0.3
NARACOORTE	20.9	3	12.0	15	15.7	0.3	11.0	8	1.0	16	5.6	0.3
ROBE	17.0	4	12.0	22	15.0	0.4	12.0	8	4.0	13	8.1	-0.6

Indicates that less than 25 observations were available from this station

South Australian Rainfall Deciles

August 2000

