

## IPOS e-Bulletin

### Issue 43 – January 2017

### Happy New Year

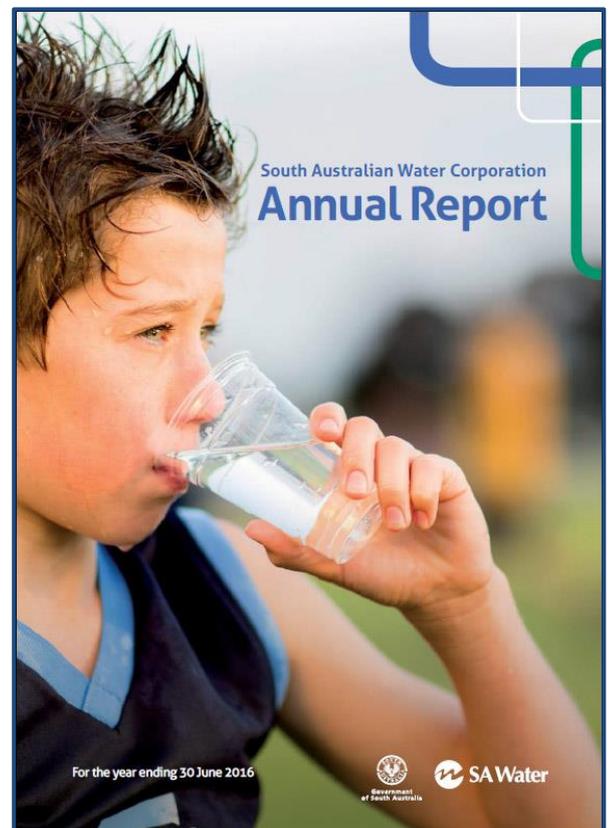
Wishing you a safe and happy 2017 from the Business Relations team

This year, SA Water's Business Relations team will continue to offer technical support to our IPOS customers, as well as useful and relevant information through our e-bulletins. If there is a topic you would like discussed in future e-bulletins or have any specific questions, feel free to contact us.

### SA Water releases 2015-16 Annual Report

Download the annual report from our website

The 2015-16 [SA Water Annual Report](#), as well as the Annual Report [Highlights](#) are now available on our website. You can also visit this [webpage](#) to view previous annual reports and drinking water quality reports. You can find out more information including on our customer service standards, capital projects, smart investments, environmental and water quality management.



# December Irrigation requirement overview

## Bureau of Meteorology (BoM)

According to the IPOS model that determines irrigation requirements, the December 2016 irrigation requirements were significantly less than the long term average. This is mainly due to a significant increase in the amount of rain experienced in South Australia last month, compared to the long term average as well as a slight decrease in evapotranspiration. Although the model suggests a significant reduction in irrigation required, in reality, most of December's rainfall fell on December 28 during a storm - 70% of the rain that was recorded at the Kent Town weather station fell on this day. Therefore, given most of the rain fell at the end of December, and most of the rain occurred during one event, the volume of irrigation you may have applied is likely to be greater than what the model suggests. The tables below display the December irrigation requirements as well as the climate data.

Station	TQVS 1 (kL/Ha)		TQVS 2 (kL/Ha)		TQVS 3 (kL/Ha)		TQVS 4 (kL/Ha)	
	AIR	BIR	AIR	BIR	AIR	BIR	AIR	BIR
Adelaide Airport - 023034	1238	1770	566	1004	398	812	230	620
Kent Town - 023090	1017	1648	393	919	237	737	81	554
Mount Crawford - 023763	1003	1622	335	886	169	702	0	518
Noarlunga - 023885	1348	1734	689	992	524	806	359	621
Parafield - 023013	1299	1857	584	1053	406	852	227	651

**AIR** is the 'Actual Irrigation Requirement' which is based on the current climate data.

**BIR** is the 'Base Irrigation Requirement' which is based on historical climate averages.

Station	Rainfall (mm)			Eto (mm)		
	Current	Long term	Change*	Current	Long term	Change*
Adelaide Airport - 023034	71	23	209%	192	219	-12%
Kent Town - 023090	87	28	211%	178	208	-14%
Mount Crawford - 023763	107	35	206%	191	210	-9%
Noarlunga - 023885	48	19	153%	188	212	-11%
Parafield - 023013	78	25	212%	204	230	-11%

\*The "Change" values indicate the percentage gain or reduction from the long term average.

### Disclaimer

SA Water's Business Relations Group provides recommendations and suggestions only. It is advised that further investigations are detailed studies are completed before any projects are implemented. All applicable standards & guidelines (Australian, EU, AQUIS, HACCP, Australian Drinking Water Quality Guidelines etc.) should be adhered to, and care should be taken to ensure water and wastewater minimisation programs do not negatively impact health or processing operations.