

WATER SUPPLIES

The quantities of water (omitting sea water) used

by the Commission's Undertakings are shown in the following table:—

(Millions of Gallons)

Undertakings	Potable Water		Crude River Water		Water from other Sources Including Boreholes, Dams and Sewage		Sea Water Circulated (Estimated)	
	1968	1967	1968	1967	1968	1967	1968	1967
Border	28.0	32.0	Nil	Nil	Nil	Nil	19,300	18,300
Cape Western	383	478	Nil	Nil	Nil	Nil	69,000	55,000
Natal Undertaking	886	927	2,159	1,690	Nil	Nil	54,000	50,142
Rand (including Komati and Witbank Power Stations)	208	189	22,361	20,696	11	5	Nil	Nil
Eastern Transvaal	Nil	Nil	Nil	Nil	1.80	1.80	Nil	Nil

The increase in loading on the pooled stations of the Rand and Orange Free State Undertaking was met entirely by those stations that do not draw their water from the Vaal River. These stations increased their output by 22 per cent to 14,218 million units during 1968.

It is expected that the percentage of water drawn from rivers in the Eastern Transvaal will increase as

the large stations not dependent on Vaal River water are brought into operation.

The quantity of water drawn from the Vaal River remained at the same level as for 1967, at 34 million gallons per day.

A broad picture of water used in the Republic for power production is given in the following table:—

	Water drawn from Rivers	Other Sources	Sea Water (circulated)
	(millions of gallons)		
<i>Cape Western Undertaking</i>			
Cape Town Municipality	76		
Worcester Municipality	307		
Sea Water (estimated)			69,000
	<u>383</u>		<u>69,000</u>
<i>Border Undertaking</i>			
East London Municipality	28		
Sea Water (estimated)			19,300
	<u>28</u>		<u>19,300</u>
<i>Natal Undertaking</i>			
Durban Municipality	886		
Sea Water (estimated)			54,000
Tugela	645		
Ngagane	1,514		
	<u>3,045</u>		<u>54,000</u>
<i>Rand and O.F.S. Undertaking and Eastern Transvaal Undertaking</i>			
Vaal River	12,485		
Olifants River	806		
Bronkhorstspuit	1,414		
Komati	4,377		
Usutu complex	3,487		
Other		11	
	<u>22,569</u>	11	
TOTAL ALL UNDERTAKINGS	<u>26,025</u>	<u>11</u>	<u>142,300</u>