

# UPPER ORANGE WMA

## PHYSICAL INFORMATION

Gauge code	River	Quaternary catchment	Gauge name	Position		Catchment Area (km <sup>2</sup> )	Mean annual runoff (million m <sup>3</sup> /a)	Start record	End record	Quality
				Latitude	Longitude					
C5H008	Riet	C51B	Riviera	29° 48' 44"	26° 12' 44"	593	12.2	1958	1984	Poor
C5H012	Riet	C51B	Kromdraai	29° 39' 29"	25° 58' 24"	2 372	40.9	1953	2004	Poor
C5H016	Riet	C51L	Aucampshoop	28° 57' 36"	24° 14' 33"	33 351	221.2	1952	1998	Average
C5H018	Modder	C51K	Tweerivier	29° 02' 36"	24° 38' 27"	17 315	113.8	1959	1998	Good
C5R001	Kaffer	C51D	Tierpoort	29° 25' 18"	26° 08' 11"	922	21.47	1924	1977	Poor
C5R002	Riet	C51J	Kalkfontein	29° 29' 49"	25° 13' 17"	10 268	181.97	1937	2004	Poor
C5R003	Modder	C52A	Rusffontein	29° 16' 15"	26° 37' 00"	940	28.5	1955	2004	Poor
C5R004	Modder	C52G	Krugersdrift	28° 53' 00"	25° 57' 22"	6 315	121.43	1970	2004	Average
D1H001	Wonderboomspruit	D14E	Diepkloof	31° 00' 03"	26° 21' 11"	2 397	37.24	1920	2004	Good
D1H003	Orange	D12F	Aliwal North	30° 40' 47"	26° 42' 45"	37 075	4 478.64	1920	2004	Good
D1H004	Stormbergsspruit	D14B	Molteno	31° 24' 00"	26° 22' 17"	348	6.13	1924	1965	Good
D1H005	Orange	D17L	White Hill	30° 02' 49"	28° 30' 26"	10 680	1 582.27	1932	1950	Good
D1H006	Kornetspruit	D15G	Maghaleen	30° 09' 37"	27° 24' 06"	2 969	513.49	1948	1994	Average
D1H009	Orange	Unknown	Oranjedraai	30° 20' 10"	27° 21' 34"	24 550	Unknown	1960	2004	Average
D1H011	Kraai	D13L	Roodewal	30° 49' 50"	26° 55' 17"	8 688	703.60	1965	2004	Average
D2H012	Klein Caledon	D21E	The Poplars	28° 41' 45"	28° 14' 09"	518	30.67	1968	2004	Poor
D2H035	Caledon	D22C	Ficksburg	28° 53' 02"	27° 53' 22"	3 857	484.21	1941	1954	Average
D2H037	Caledon	D23E	Wilgedraai	29° 36' 34"	27° 03' 52"	12 850	727.23	1993	2004	Poor
D2R001	Witspruit	D24A	Egmont	30° 03' 08"	27° 01' 43"	314	8.75	1937	2004	Good
D2R002	Leeu	D23C	Bethaven	29° 21' 50"	27° 07' 54"	858	18.36	1954	2004	Good
D2R004	Caledon	D23J	Welbedacht	29° 54' 32"	26° 51' 38"	15 245	1 196.04	1976	2004	Average
D3H002	Orange	D35B	Bethulie	30° 32' 13"	25° 59' 09"	65 615	7 539.85	1920	1969	Good
D3H003	Orange	D33E	Doornbult Uitspan	29° 38' 45"	24° 12' 15"	94 765	7 586.45	1920	1946	Good

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D3H013	Orange	D35K	Roodepoort	30° 35' 02"	25° 25' 11"	70 897	6 706.40	1973	2003	Average
D3H015	Seekoei	D32J	De Eersteport	30° 32' 03"	24° 57' 43"	8 266	26.65	1980	2002	Good
D3R002	Orange	D35H	Gariep	30° 37' 23"	25° 30' 26"	70 749	6 454.16	1971	2004	Good
D3R003	Orange	D31E	Vanderkloof	29° 59' 28"	24° 43' 53"	89 842	4 875.87	1977	2004	Good

Note:

### QUALITY

< 5 % patched = good

5 <% patched < 20 = average

% patched > 20 = poor

