



# UPPER VAAL 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 (available)	Quality
				Latitude	Longitude					
C1H002	Klip	C13E	Delangesdrift	27° 10' 10"	29° 14' 02"	4,152	288.79	1920	2004	Average
C1H004	Waterval	C12D	Roodebank	26° 37' 37"	29° 01' 29"	901	73.50	1960	2004	Average
C1H005	Leeuspruit	C11K	Welbedacht	26° 51' 13"	29° 19' 34"	341	18.10	1964	2004	Poor
C1H006	Blesbokspruit	C11H	Rietvlei	26° 46' 32"	29° 32' 22"	1,094	86.20	1964	2004	Good
C1H007	Vaal	C11J	Goedgeluk	26° 50' 28"	29° 43' 24"	4,686	321.50	1972	2004	Poor
C1H012	Vaal	C12C	Nooitgedacht	27° 00' 08"	28° 45' 55"	15,500	778.70	1985	2004	Good
C1R001	Vaal	C12L and C83M	Vaaldam	26° 53' 00"	28° 07' 00"	38,505	1,975.00	1936	2004	Average
C1R002	Vaal	C11L	Grootdraai	26° 55' 05"	29° 17' 42"	7,924	464.40	1978	2004	Good
C2H003	Vaal	C22F	Elandsfontein	26° 49' 13"	28° 03' 48"	38,698	1,536.20	1923	1992	Average
C2H004_A	Suikerbosrand	C21G	Uitvlugt	26° 40' 15"	28° 01' 50"	3,474	102.30	1952	1976	Average
C2H004_B	Suikerbosrand	C21G	Uitvlugt	26° 40' 15"	28° 0' 50"	3,474	244.80	1995	2004	Poor
C2H014	Taaibos Spruit	C22G	Verdun	26° 49' 28"	27° 55' 32"	825	11.90	1952	1976	Poor
C2H018	Vaal	C23C	Schoemansdrift	26° 58' 13"	27° 12' 40"	49,120	1,713.30	1938	2004	Good
C2H021	Klip	C22C	Witkop	26° 27' 13"	28° 05' 09"	1,726	203.50	1956	1994	Average
C2H070	Suikerbosrand	C21G	Platkoppie	26° 38' 24"	28° 13' 49"	3,124	86.80	1977	1994	Good
C2H085	Mooi	C23L	Hoogekraal	26° 52' 50"	26° 57' 51"	Unknown	127.70	1986	2004	Average
C2H122	Vaal	C12L and C83M	Annie's Rust	26° 51' 13"	28° 07' 17"	38,523	1,178.30	1980	2004	Good
C2H141	Klip	C22C	Witkop	26° 27' 13"	28° 05' 09"	1,726	338.90	1977	2003	Good
C2R003	Mooi	C23F	Klerkskraal	26° 15' 09"	27° 09' 38"	1,335	49.90	1969	2004	Good
C8H003	Cornelius	C82B	Warden	27° 50' 34"	28° 56' 42"	896	36.30	1953	2004	Average
C8H004	Liebenbergsvlei	C83F	De Molen	27° 42' 00"	28° 19' 18"	3,527	99.00	1965	1995	Average
C8H005	Elands	C81F	Elands River Drift	28° 22' 32"	28° 51' 42"	696	104.40	1963	2004	Poor
C8H006	Klerkspruit	C81G	Geduld	28° 17' 45"	28° 48' 20"	432	16.50	1964	1984	Average

## UPPER VAAL WMA

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 (available)	Quality
				Latitude	Longitude					
C8H007	Liebenbergsvlei	C83A	Vogelfontein	28° 11' 26"	28° 18' 40"	868	20.00	1964	1977	Average
C8H009	Tierrivier	C83D	Tygerhoek	28° 03' 13"	28° 29' 33"	465	6.80	1971	2004	Poor
C8H010	Oubergspruit	C81C	Harrismith	28° 21' 08"	29° 05' 24"	250	22.00	1972	2004	Poor
C8H011	Elands	C81H	Killarney	28° 09' 39"	28° 52' 29"	1,485	140.70	1972	1997	Average
C8H012	Vaalbankspruit	C81J	Voorspoed	28° 04' 58"	28° 52' 20"	386	12.20	1971	2004	Average
C8H014	Wilge	C82C	Bavaria	27° 48' 52"	28° 47' 00"	7,497	827.00	1973	2001	Average
C8H022	Wilge	C83J	Slabberts	27° 14' 44"	28° 29' 20"	15,466	919.60	1961	2002	Average
C8H026	Liebenbergsvlei	C83H	Frederiksdal	27° 25' 51"	28° 31' 35"	4,650	363.20	1985	2003	Average
C8H027	Wilge	C82H	Ballingtomp	27° 18' 05"	28° 35' 08"	10,489	884.70	1985	2004	Average

Note:

### Quality

<5% patched = Good

5<% patched <20 = Average

% patched >20 = Poor

