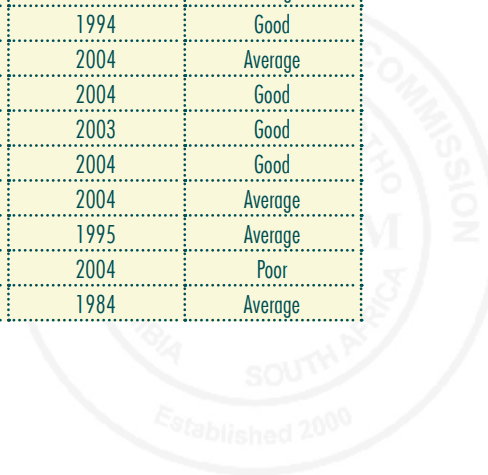


UPPER VAAL WMA

PHYSICAL INFORMATION

Gauge code	River	Quaternary catchment	Gauge name	Position		Catchment Area (km ²)	Mean annual runoff (million m ³ /a)	Start record	End record	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	73.5	1960	2004	Average
C1H005	Leeuspruit	C11K	Welbedacht	26° 51' 13"	29° 19' 34"	341	18.1	1964	2004	Poor
C1H006	Blesbokspruit	C11H	Rietvlei	26° 46' 32"	29° 32' 22"	1 094	86.2	1964	2004	Good
C1H007	Vaal	C11J	Goedgeluk	26° 50' 28"	29° 43' 24"	4 686	321.5	1972	2004	Poor
C1H012	Vaal	C12C	Nooitgedacht	27° 00' 08"	28° 45' 55"	15 500	778.7	1985	2004	Good
C1R001	Vaal	C12L and C83M	Vaaldam	26° 53' 00"	28° 07' 00"	38 505	1 975.0	1936	2004	Average
C1R002	Vaal	C11L	Grootdraai	26° 55' 05"	29° 17' 42"	7 924	464.4	1978	2004	Good
C2H003	Vaal	C22F	Elandsfontein	26° 49' 13"	28° 03' 48"	38 698	1 536.2	1923	1992	Average
C2H004_A	Suikerbosrand	C21G	Uitvlugt	26° 40' 15"	28° 01' 50"	3 474	102.3	1952	1976	Average
C2H004_B	Suikerbosrand	C21G	Uitvlugt	26° 40' 15"	28° 01' 50"	3 474	244.8	1995	2004	Poor
C2H014	Taaibos Spruit	C22G	Verdun	26° 49' 28"	27° 55' 32"	825	11.9	1952	1976	Poor
C2H018	Vaal	C23C	Schoemansdrift	26° 58' 13"	27° 12' 40"	49 120	1 713.3	1938	2004	Good
C2H021	Klip	C22C	Witkop	26° 27' 13"	28° 05' 09"	1 726	203.5	1956	1994	Average
C2H070	Suikerbosrand	C21G	Platkoppie	26° 38' 24"	28° 13' 49"	3 124	86.8	1977	1994	Good
C2H085	Mooi	C23L	Hoogekraal	26° 52' 50"	26° 57' 51"	Unknown	127.7	1986	2004	Average
C2H122	Vaal	C12L and C83M	Annie's Rust	26° 51' 13"	28° 07' 17"	38523	1 178.3	1980	2004	Good
C2H141	Klip	C22C	Witkop	26° 27' 13"	28° 05' 09"	1 726	338.9	1977	2003	Good
C2R003	Mooi	C23F	Klerkskraal	26° 15' 09"	27° 09' 38"	1 335	49.9	1969	2004	Good
C8H003	Cornelius	C82B	Warden	27° 50' 34"	28° 56' 42"	896	36.3	1953	2004	Average
C8H004	Liebenbergsvlei	C83F	De Molen	27° 42' 00"	28° 19' 18"	3 527	99.0	1965	1995	Average
C8H005	Elands	C81F	Elands River Drift	28° 22' 32"	28° 51' 42"	696	104.4	1963	2004	Poor
C8H006	Klerkspruit	C81G	Geduld	28° 17' 45"	28° 48' 20"	432	16.5	1964	1984	Average



UPPER VAAL WMA

Gauge code	River	Quaternary catchment	Gauge name	Position		Catchment Area (km ²)	Mean annual runoff (million m ³ /a)	Start record	End record	Quality
				Latitude	Longitude					
C8H007	Liebenbergsvlei	C83A	Vogelfontein	28° 11' 26"	28° 18' 40"	868	20.0	1964	1977	Average
C8H009	Tierrivier	C83D	Tygerhoek	28° 03' 13"	28° 29' 33"	465	6.8	1971	2004	Poor
C8H010	Oubergspruit	C81C	Harrismith	28° 21' 08"	29° 05' 24"	250	22.0	1972	2004	Poor
C8H011	Elands	C81H	Killarney	28° 09' 39"	28° 52' 29"	1 485	140.7	1972	1997	Average
C8H012	Vaalbankspruit	C81J	Voorspoed	28° 04' 58"	28° 52' 20"	386	12.2	1971	2004	Average
C8H014	Wilge	C82C	Bavaria	27° 48' 52"	28° 47' 00"	7 497	827.0	1973	2001	Average
C8H022	Wilge	C83J	Slabberts	27° 14' 44"	28° 29' 20"	15 466	919.6	1961	2002	Average
C8H026	Liebenbergsvlei	C83H	Frederiksdal	27° 25' 51"	28° 31' 35"	4 650	363.2	1985	2003	Average
C8H027	Wilge	C82H	Ballingtomp	27° 18' 05"	28° 35' 08"	10 489	884.7	1985	2004	Average

Note:

QUALITY

< 5 % patched = good

5 < % patched < 20 = average

% patched > 20 = poor

