

Department of Water and Sanitation

SAFPUB V02 Output 16/11/2020

Station	Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
G4R002	34: 07: 39	19: 02: 05	G40C	64	Ei kenhof Dam	1
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)	
	26.40	313.90	213.73	22.12	22.27	1978-05-01 Ori gi nal
	27.46	314.96	223.92	24.44	24.59	1988-09-01 Rai Sed
	29.47	316.97	240.10	28.86	29.00	1998-08-01 Rai sed
Data	100.00	Level (Metres)				Data Period
	138.00	Val ve Di s. (Cumeecs)				1978-05-16 2019-04-11 1% mi ssi ng
						1978-05-01 2019-03-31
Components						Component Period
	G4E005	Kl ei ne Wessel s @ Ei kenhofdam				1978-06-01 2006-05-01
	G4H024	Groenl and-Pi pel i ne @ Palmiet Ri ver				1978-06-12
	G4H026	Appl egarth-Pi pel i ne @ Wessel s gat				1978-08-01
	G4H027	El fco-Pi pel i ne @ Wessel s gat				1978-08-01
	G4H025	Hi ghlands-Pi pel i ne @ Wessel s gat				1979-01-01
	G4H031	Oak Val ley Pi pel i ne @ Wessel s gat				1991-06-01
	G4H032	Grabouw Pi pel i ne @ Wessel s gat				1992-12-01
	G4E001	Kogel Baai @ Steenbrasdam-Lower				2006-05-01
	0006039	GRABOUW				2006-09-26
G4R003	34: 19: 29	19: 07: 18	G40G	0		
Data	100.00	Level (Metres)				Data Period
						1979-10-01 2011-10-25 1% mi ssi ng
G4R004	34: 24: 36	19: 20: 54	G40L	0		
Data	100.00	Level (Metres)				Data Period
						1979-08-08 2011-10-27 3% mi ssi ng
G4R005	34: 14: 39	18: 59: 08	G40D	12	Ari eskraal Dam	
G4R006	34: 12: 58	18: 58: 19	G40D	179	Kogel berg Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)	
	26.86	246.00	142.60	16.84	17.28	1987-05-20 Ori gi nal
	0.00	246.00	142.60	16.84	17.28	1993-10-11
	0.00	246.00	142.79	17.33	17.74	2012-07-01 Basi n survey
Data	100.00	Level (Metres)				Data Period
						1987-05-20 2019-04-11 11% mi ssi ng



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	2
G4R006	(continued)										
Components								Component	Period		
	G4H029	Palmiet @ Van Aries Kraal						1987-05-20			
	G4E006	Somersfontein @ Kogelberg Dam						1987-09-01	1996-09-30		
G4R008	Rockview Dam @ Rock View										
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	31.00	531.00	77.52	16.63	17.47			2012-11-01	Basin survey		
Components								Component	Period		
	G4H023	Rockview-Steenbras	Inflow Canal @ Rock View					1988-03-01			
G4R009	Palmiet River @ Klei nmond										
Data								Data	Period		
	100.00	Level	(Metres)					1992-01-21	2011-10-25	1% missing	
G4R010	Onrus River @ Hemel En Aarde										
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	24.00	164.00	43.19	5.74	5.94			2012-09-13	Basin survey		
Data								Data	Period		
	100.00	Level	(Metres)					1977-10-06	2019-04-10	62% missing	
	230.09	Level	(m)	4 Water Cello				2013-02-15	2018-11-01	94% missing	
G4R011	Onrus River @ Onrus River										
Data								Data	Period		
	100.00	Level	(Metres)					1994-11-30	2011-10-25	5% missing	
G4R012	Klei nmond-Mond @ Klei nmond										
Data								Data	Period		
	100.00	Level	(Metres)					1999-10-20	2011-10-25		
G5R001	Sout River @ Farm 74 De Hoop Nat. Res.										
Data								Data	Period		
	100.00	Level	(Metres)					1963-06-20	2019-03-05	17% missing	
H1R001	Lower Brandvlei River @ Nekki es										



Station	Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description
H1R001 (continued)					
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)
	5.18	198.94	1614.36	34.33	48.31
	6.40	200.16	1790.95	55.10	69.08
	7.32	201.08	1906.97	72.16	86.14
	7.68	201.44	1934.15	79.03	93.01
	5.15	201.44	1956.80	81.61	94.05
	14.21	210.50	2424.60	284.29	296.73
	14.21	210.50	2448.75	286.04	298.19
Data					Data Period
	100.00	Level (Metres)			1926-02-01 2019-01-29
	230.09	Level (m)	4 Water Cello		2018-05-01 2019-01-30
Components					Component Period
	H1E001	Lower Brandvlei @ Brandvlei Dam			1926-02-01 1980-03-30
	H1H027	Right Canal from Brandvlei Dam @ Lower Brandvlei			1926-02-01 1981-07-01
	H1H029	Supply Canal @ Bokkekraal			1963-06-07
	H4E007	Doorn @ Kwaggaskloof Dam			1980-03-31 2002-02-01
	H1H028	Canal from Brandvlei Dam Basin @ Die Nekkie			1981-07-01
	H1H030	Pipeline from Bree-River @ Die Nekkie			1986-01-01
	H1E009	Brandvlei Dam @ Seijagklub			2002-02-01
H1R002		Holsloot River @ Haweqwas State For.		33:50:11 19:15:06	H10K 55 Stettynskloof Dam
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)
	18.90	458.46	51.33	5.48	5.66
	32.00	471.56	98.00	14.75	14.93
Data					Data Period
	100.00	Level (Metres)			1958-05-01 2019-01-29
	138.00	Valve Dis. (Cumeecs)			1958-05-27 1990-04-30
	138.01	Valve Dis. (Cumeecs)			1958-08-01 1990-04-30
					97% missing
					98% missing
Components					Component Period
	0022471	Bothashalt			1958-05-01 1984-05-00
	H1E001	Lower Brandvlei @ Brandvlei Dam			1958-05-01 1980-02-29
	H1H031	Pipeline to Worcester @ Haweqwas State For.			1960-02-29
	H1H032	Holsloot River @ Haweqwas State For.			1963-06-27 1992-01-24
	H4E007	Doorn @ Kwaggaskloof Dam			1980-03-01 1984-05-31
	H1E007	Haweqwas Stateforest @ Stettynskloof Dam			1984-06-01
H1R003		Koekedou River @ Ceres		33:21:48 19:16:24	H10C 50 Ceres Dam
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)
	10.90	606.30	0.00	0.00	0.00
	10.90	606.30	4.40	0.30	0.35
	42.00	642.00	106.75	17.25	17.30
					1975-08-01 Ori gi nal
					1980-10-01 Basin survey
					1999-05-15 Basin survey



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
H1R003	(continued)									
Data	100.00	Level	(Metres)					Data Period 1997-04-01 1997-06-01		4
H2R001	Sanddri fskl oof Ri ver @ Roode El sberg				33:26:10	19:34:06	H20D	142	Roode El s Berg Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capaci ty (mill m**3)	Gross capaci ty (mill m**3)					
	48.74	572.96	36.74	8.08	8.12			1967-08-01	Original	
	48.74	572.96	36.74	8.08	8.12			1968-10-01	Basin survey	
	48.74	572.96	36.70	7.73	7.74			1983-10-01	Basin survey	
Data	100.00	Level	(Metres)					Data Period 1967-08-01 2019-05-31		
Components								Component Period		
	H2H015	Sanddri fskl oof Ri ver @ Roode El s Berg						1967-08-01		
	H2E001	De Doorns @ Hexvallei						1968-10-01	1976-07-31	
	H2H014	Outlet Tunnel from Roode El sberg Dam @ Roode El s Ber						1971-03-16		
	H2E002	Roode El s Berg @ Roode El s Berg Dam						1976-08-01		
H2R002	Sanddri fskl oof Ri ver @ Lakenvlei				33:21:60	19:34:51	H20C	82	Lakenvallei Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capaci ty (mill m**3)	Gross capaci ty (mill m**3)					
	41.60	934.21	0.00	0.00	0.00			1972-02-01		
	41.60	934.21	82.61	10.55	10.56			1975-02-01	Basin survey	
	41.61	934.21	82.61	10.55	10.56			1979-01-23	A01 - Adjusted	
	41.61	934.21	82.48	10.35	10.35			1988-10-01	Basin survey	
	41.61	934.21	82.60	10.26	10.27			2001-10-01	Basin survey	
	41.61	934.21	82.42	10.44	10.45			2016-10-01	Basin survey	
Data	100.00 230.09	Level Level (m)	(Metres)	4 Water Cello				Data Period 1975-07-07 2019-04-15 2013-04-22 2013-07-15		
Components								Component Period		
	H2H016	Sanddri fskl oof Ri ver @ Lakenvlei						1975-05-01		
	H2E001	De Doorns @ Hexvallei						1975-07-07	1976-08-01	
	H2E002	Roode El s Berg @ Roode El s Berg Dam						1976-08-01	1979-07-31	
	0043139	Klondyke Farm						1978-10-01		
	H2E003	Lakenvlei @ Lakenvallei Dam						1979-08-01		
	H2H017	De Kock Pipeline @ Lakenvlei						1980-09-16		
	H2H018	Van Wyk Pipeline @ Lakenvlei						1988-01-01	1993-05-01	
H3R001	Groot Ri ver @ Poortjies Kloof				33:51:30	20:22:17	H30A	94	Poortjieskl oof Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capaci ty (mill m**3)	Gross capaci ty (mill m**3)					
	17.07	365.17	75.81	5.96	6.12			1957-03-01	Original	
	16.83	364.93	74.35	5.78	5.93			1967-04-29	Temporary fsl	



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
H3R001	(continued)									5
		21.65	369.75	103.31	10.05	10.21	1968-10-01	Raised		
		21.65	369.75	103.00	9.86	9.96	1979-10-01	Basin survey		
		21.65	369.75	102.90	9.72	9.78	1997-10-01	Basin survey		
Data							Data Period			
	100.00	Level	(Metres)				1957-03-21	2019-02-05		
Components							Component Period			
	0008751	MARLOTH					1957-03-21			
	H1E001	Lower Brandvlei @ Brandvlei Dam					1957-03-21	1967-09-30		
	H3H013	Left Canal from Dam @ Poortjies Kloof					1957-03-21			
	H3E001	Goede Moed @ Keisiesvallei					1967-10-01			
H3R002	Pietersfontein River @ Pietersfontein				33:40:12	20:00:59	H30C	115	Pietersfontein Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	18.28	460.22	36.23	2.65	2.66	1968-10-07	Original			
	18.28	460.22	35.50	2.48	2.48	1978-10-01	Basin survey			
	18.28	460.22	31.45	2.10	2.10	1981-01-26	Basin survey			
	18.28	460.22	32.52	2.03	2.03	2001-10-01	Basin survey			
	18.28	460.22	32.28	1.92	1.92	2017-07-01	Basin survey			
Data							Data Period			
	100.00	Level	(Metres)				1969-04-07	2019-02-05		
Components							Component Period			
	H3E001	Goede Moed @ Keisiesvallei					1968-10-07			
	0024197	Montagu					1969-04-01	1970-09-00		
	H3H014	Irrigation Pipeline @ Pietersfontein					1969-10-01			
	H3H015	Pietersfontein @ Pietersfontein					1979-03-01			
H4R001	Hoeks River @ Draai vlei (Moordkuil Dam)				33:47:32	19:28:05	H40E	181	Moordkuil Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	1.60	197.19	0.00	0.00	0.00	1950-04-17	Original			
	1.60	197.19	117.40	1.35	1.57	1950-07-07	Basin survey			
	1.60	197.19	117.40	1.35	1.57	1965-06-01	Basin survey			
	1.60	197.19	117.40	1.35	1.52	1984-10-01	Basin survey			
Data							Data Period			
	100.00	Level	(Metres)				1950-04-17	1982-10-28	4% missing	
Components							Component Period			
	H1E001	Lower Brandvlei @ Brandvlei Dam					1950-04-27	1980-02-29		
	H4H032	Right Canal from Moordkuil Dam @ Draai vlei					1950-07-06	1974-07-31		
H4R002	Nuy River @ Rheboks Vlake Keerom (Keerom Dam)				33:35:10	19:42:27	H40B	396	Keerom Dam	



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
H4R002	(continued)									
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	23.32	596.34	75.40	8.30	8.34		1954-05-18	Original		
	23.32	596.34	72.00	7.40	7.40		1981-02-01	Basin survey		
	26.69	599.31	87.08	9.75	9.75		1989-12-06	Raised		
Data	100.00	Level	(Metres)				Data Period			
							1954-05-18	2019-02-06	1% missing	
Components							Component	Period		
	0023611	Concordia					1954-05-18	1989-01-01		
	H4H033	Right Canal from Keerom Dam @ Rheboks Vlake					1954-05-18			
	H4E007	Doorn @ Kwaggaskloof Dam					1980-04-01			
	0023611A	Tot-U-Diens					1989-01-01			
	0023611	Concordia					1989-10-01			
H4R003	Konings River @ Klip Berg (Klipberg Dam)									
					33:56:32	19:47:37	H40K	53	Klipberg Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	16.96	341.35	26.14	1.98	2.00		1967-05-16	Original		
	16.96	341.35	26.14	1.98	2.00		1983-10-01	Basin survey		
	16.96	341.35	25.97	1.94	1.95		2017-10-01	Basin survey		
Data	100.00	Level	(Metres)				Data Period			
	230.09	Level	(m)	4 Water Cello			1967-05-16	2019-02-04	12% missing	
							2018-01-30	2018-09-18	25% missing	
Components							Component	Period		
	0023629	Rhebokskraal					1967-05-16			
	H4E001	Robertson Toeken Geb @ Experimental Farm					1967-05-16			
	H4H034	Left Canal from Klip Berg Dam @ Klip Berg					1967-05-16			
H4R004	Doorn River @ Kwaggaskloof Dam (Kwaggaskloof Dam)									
					33:45:43	19:28:20	H40E	53	Kwaggaskloof Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	9.62	201.44	958.92	51.27	52.46		1975-06-24	Original		
	18.68	210.50	1687.60	173.86	175.04		1981-10-01	Raised		
	18.61	210.50	1612.22	169.41	170.79		2008-10-01	Basin survey		
Data	100.00	Level	(Metres)				Data Period			
							1975-06-24	2019-01-29		
Components							Component	Period		
	H1E001	Lower Brandvlei @ Brandvlei Dam					1975-06-24	1980-03-30		
	H4H035	Left Canal from Dam @ Doorn River					1975-11-20			
	H4E007	Doorn @ Kwaggaskloof Dam					1980-03-31			
	H4H037	Pipeline to BossievelD @ Doorn Rivier					1985-06-01			
	H4H036	Pipeline to Kelder @ Doorn River					1985-07-01	1990-04-30		



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
H6R001	Ri vi er son der end Ri ver @ Theewaterskl oof				34: 04: 39	19: 17: 24	H60C	498	Theewaterskl oof Dam	7
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	27.44	308.50	5082.20	480.19	480.41		1979-06-18	Original		
	27.44	308.50	5120.37	479.26	479.31		2015-01-01	Basin survey		
Data					Data Period					
	100.00	Level (Metres)			1979-06-18	2019-02-21				
	138.00	Valve Dis. (Cumeecs)			1980-02-01	1990-04-30			39% missing	
	230.09	Level (m)	4 Water Cello		2013-02-27	2013-05-09				
Components					Component Period					
	H6H012	Ri vi er son der end @ Dwarstrek			1980-01-01					
	H6E001	Thee Waters Kloof @ Theewaterskl oofdam			1980-01-31					
	G1H055	Wemmershoek Outlet(Great) @ Franschoek For. Res.			1984-02-01					
	G1H054	Wemmershoek Outlet(Little) @ Franschoek For. Res.			1986-02-17					
	G1H053	Theewaterskl oof Tunnel @ Franschoek For. Res.			1987-02-21					
	H6H020	Vyeboom Irrigation Pipeline @ Thee Waters Kloof			1994-01-01					
H6R002	El and s Ri ver @ Twi st Niet (El and skl oof Dam)				33: 57: 08	19: 17: 04	H60C	50	El and skl oof Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	50.50	510.00	60.90	11.35	11.42		1975-05-14	Original		
	50.50	510.00	60.10	10.99	11.02		1993-10-01	Basin survey		
Data					Data Period					
	10.70	Rainfall (mm.)	Tipping Bucket		2007-03-20	2016-01-27			7% missing	
	100.00	Level (Metres)			1975-05-14	2018-10-24				
Components					Component Period					
	H6E001	Thee Waters Kloof @ Theewaterskl oofdam			1975-05-14					
	H6H017	Right Canal from Verdeel kas @ Twi st Niet			1979-05-01					
	H6H015	El and s @ Twi st Niet			1980-01-01					
	H6H016	Left Canal from Verdeel kas @ Twi st Niet			1981-09-29					
	H6H018	Canal Overflow to El and s Ri ver @ Twi st Niet			1981-11-08					
H6R003	Waterkl oof Ri ver @ Zwi egel aars (Zwi egel aars Dam)				34: 05: 45	19: 07: 12	H60B	10	Zwi egel aars Dam	
H7R001	Buffel j ags Ri ver @ Eenzaamhei d (Buffel j ags Dam)				34: 01: 07	20: 31: 58	H70E	614	Buffel j ags Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	7.60	85.21	128.82	5.30	5.88		1967-01-10	Original		
	7.60	85.21	128.81	5.24	5.77		1983-03-01	Basin survey		
	7.60	85.21	128.48	5.06	5.50		2000-10-01	Basin survey		
	7.60	85.21	126.92	4.54	4.89		2009-10-01	Basin survey		
Data					Data Period					
	10.55	Rainfall (mm.)	HYDRAS 3 (real time)		2014-01-01	2020-10-28			1% missing	
	100.00	Level (Metres)			1967-01-10	2020-01-22				
	815.70	Temp (Deg C)	Raw logger data		2017-12-06	2020-10-28				



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
H7R001	(continued)									
Components										
	H7H013	Buffeljags River @ Eenzaamheid						1967-01-10		
	H7H011	Irrigation Pipeline (Service) @ Eenzaamheid						1970-01-10	1974-08-31	
	H7E002	Eenzaamheid @ Buffeljags Dam						1970-10-05		
	H7H010	Sas Pipeline from Buffeljags Dam @ Eenzaamheid						1970-11-01		
	H7H008	Left Canal from Bifurcation Box @ Eenzaamheid						1974-09-01		
	H7H009	Right Canal from Bifurcation Box @ Eenzaamheid						1974-09-01		
	H7H012	Irrigation Pipeline @ Prison Eenzaamheid						1985-10-31		
H8R001	Duiwenhoks River @ Kliphooft (Duiwenhoks Dam)									
					33:59:48	20:56:56	H80A	146	Duiwenhoks Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	24.28	194.31	63.30	6.32	6.46		1963-10-01	Original		
	24.28	194.31	63.30	6.30	6.41		1979-10-01	Basin survey		
	24.28	194.31	63.40	6.18	6.26		1998-10-01	Basin survey		
Data										
	10.55	Rainfall (mm.)	HYDRAS 3 (real time)		2014-01-04	2020-10-15			1% missing	
	100.00	Level (Metres)			1963-10-19	2020-01-22				
	815.70	Temp (Deg C)	Raw logger data		2014-01-01	2020-10-15			1% missing	
Components										
	0009783	BLACKDOWN						1963-10-19	1979-03-23	
	H9E001	Riversdal						1963-10-19	1979-08-23	
	H8H003	Duiwenhoks River @ Kliphooft						1964-01-21		
	H8E001	Kliphooft @ Duiwenhoks Dam						1979-08-24		
H9R001	Korinte River @ Krantz Kloof (Korentepoort Dam)									
					34:00:17	21:09:57	H90B	37	Korentepoort Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	15.99	320.75	102.87	8.19	8.34		1966-03-24	Original		
	15.99	320.75	102.87	8.18	8.30		1985-12-18	Basin survey		
	15.99	320.75	102.72	8.09	8.21		1998-10-01	Basin survey		
	15.99	320.75	102.91	8.09	8.22		2009-10-01	Basin survey		
Data										
	10.55	Rainfall (mm.)	HYDRAS 3 (real time)		2014-01-01	2020-10-14			1% missing	
	100.00	Level (Metres)			1966-03-24	2020-01-21				
Components										
	H9H010	Korinte River @ Krantz Kloof						1967-11-01		
	0026510	Garcia - Bos						1968-10-01		
	H9E001	Riversdal						1968-10-01	1973-09-30	
	H9E002	Krantz Kloof @ Korinte-Vet Dam						1973-10-01		
J1R001	Prins River @ Tyger Kloof (Prinsriever Dam)									
					33:31:01	20:45:10	J12G	757	Prinsriever Dam	



Station	Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
J1R001 (continued)						9
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)	
	18.90	535.21	45.74	4.53	4.56	1916-10-01 Original
	18.90	535.21	45.75	4.35	4.35	1924-10-01 Basin survey
	18.90	535.21	45.75	4.19	4.19	1931-10-01 Basin survey
	18.90	535.21	45.75	4.13	4.19	1934-06-01 Adjusted
	9.92	535.21	45.75	3.41	4.19	1936-01-20 Adjusted
	9.92	535.21	45.83	3.11	3.46	1939-10-01 Basin survey
	9.92	535.21	41.80	2.56	2.56	1949-10-01 Basin survey
	12.65	538.06	51.10	2.70	3.07	1962-07-01 Raised
	6.50	538.06	51.10	2.70	3.07	1979-03-12 A01 - Basin survey
	6.50	538.06	47.90	2.21	2.36	1979-09-21 Basin survey
	6.50	538.06	40.50	1.25	1.25	1980-10-01 Basin survey
	9.44	541.00	56.00	2.71	2.71	1985-10-01 Raised
	9.38	540.94	55.84	2.67	2.67	1987-09-01 Adjusted
	9.38	540.94	54.90	2.26	2.26	1995-10-01 Basin survey
Data						Data Period
	10.55	Rainfall (mm.)	HYDRAS 3 (real time)			2014-04-15 2015-11-16 56% missing
	100.00	Level (Metres)				1926-01-26 2020-09-22 1% missing
	360.00	E01: Res inflow (MI)				1926-02-04 1985-08-20 6% missing
	815.70	Temp (Deg C)	Raw logger data			2016-08-17 2020-10-28
Components						Component Period
	0025599	Strawberry Hill - Bos				1916-03-01 1924-12-31
	0025484	Platdriфт				1926-01-26 1957-01-01
	J1H022	Prins River @ Tyger Kloof				1926-01-26
	0025451	Anysberg				1957-01-01 1979-06-03
	J1E003	Floris Kraal @ Floriskraal Dam				1961-08-01 1979-05-11
	J1E006	Papkuilfontein @ Prins River Dam				1979-05-11
	J1H023	Left Canal from Prinsrivier Dam @ Tyger Kloof				1985-08-19
J1R002	Brak River @ Zandfontein (Bellair Dam)			33:42:43	20:35:51	J12J 558 Bellair Dam
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)	
	14.23	496.13	0.00	0.00	0.00	1920-07-01 Original
	14.23	496.13	189.20	11.00	11.01	1926-01-30 Basin survey
	14.23	496.13	186.50	10.48	10.48	1979-10-01 Basin survey
	14.23	496.13	189.30	10.08	10.08	1981-04-01 Basin survey
	9.22	492.44	113.02	4.24	4.24	2007-09-27 New dam built - old dam collapsed during
Data						Data Period
	10.55	Rainfall (mm.)	HYDRAS 3 (real time)			2014-03-15 2015-11-16 54% missing
	100.00	Level (Metres)				1926-01-30 2019-10-23 5% missing
	360.00	E01: Res inflow (MI)				1926-02-01 2009-02-26 100% missing
	815.70	Temp (Deg C)	Raw logger data			2017-01-26 2020-10-28



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 10
J1R002	(continued)									
Components									Component Period	
	J1H026	Bi furcation	Box @ Overflow	Zandfontein					1926-01-30	
	J1H024	Left Canal	from Bi furcation	Box @ Zandfontein					1942-10-24	
	J1H025	Right Canal	from Bi furcation	Box @ Zandfontein					1942-10-24	
	0025162	Bellair	Dam						1943-10-11	1979-05-31
	J1E003	Floris Kraal	@ Floriskraal	Dam					1961-08-01	1979-05-31
	0025414	Barrydale	- Pol						1975-10-01	1979-05-31
	J1E005	Hottentots	Dam @ Bellair	Dam					1979-06-01	
J1R003	Buffels River @ Floris Kraal (Floriskraal Dam)				33:17:30	20:59:25	J11G	4024	Floriskraal Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	21.96	598.32	806.51	67.23	67.23	67.23	1956-11-01		Original	
	21.96	598.32	786.90	62.77	62.77	62.77	1964-10-01		Basin survey	
	21.96	598.32	773.10	59.02	59.02	59.02	1976-10-01		Basin survey	
	21.96	598.32	744.30	51.71	51.71	51.71	1981-02-01		Basin survey	
	21.96	598.32	758.94	50.26	50.26	50.26	1992-06-01		Basin survey	
	21.96	598.32	751.95	48.27	48.27	48.27	2009-07-01		Basin survey	
Data							Data Period			
	10.55	Rainfall	(mm.)	HYDRAS 3 (real time)			2014-04-15	2020-11-04	14% missing	
	100.00	Level	(Metres)				1956-11-22	2019-12-09	1% missing	
	138.00	Valve Dis.	(Cumeecs)				1956-11-18	1980-10-01		
	to									
	138.09	Valve Dis.	(Cumeecs)				1956-11-18	1980-10-01		
	815.70	Temp	(Deg C)	Raw logger data			2020-04-01	2020-10-27		
Components							Component Period			
	0045857	Floriskraal	dam				1956-11-17	1961-07-31		
	J1E001	Laiingsburg					1956-11-17	1961-03-31		
	J1E003	Floris Kraal	@ Floriskraal	Dam			1961-07-14			
	J1H028	Buffels River	@ Floris Kraal				1964-02-02			
	J1H027	Van Wyk Outlet	@ Floris Kraal				1982-07-01			
J1R004	Brand River @ Miertjes Kraal (Miertjeskraal Dam)				33:49:44	21:07:59	J12M	251	Miertjeskraal Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	11.24	310.25	24.76	1.56	1.61	1.61	1977-01-19		Original	
	11.20	310.25	24.76	1.56	1.61	1.61	1979-05-25		A01 - Adjusted	
	11.20	310.25	24.76	1.52	1.53	1.53	1992-10-01		Basin survey	
	11.24	310.29	24.85	1.44	1.44	1.44	2017-04-01		Basin survey	
Data							Data Period			
	10.55	Rainfall	(mm.)	HYDRAS 3 (real time)			2014-01-01	2020-10-27		
	100.00	Level	(Metres)				1977-01-19	2019-12-10		



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 11
J1R004	(continued)									
Components								Component	Period	
	H9E002	Krantz Kloof @ Korinte-Vet Dam						1977-01-19	1979-05-10	
	J1H009	Brand River @ Miertjes Kraal						1977-01-19	1985-03-26	
	J1E006	Papkui lfontein @ Prins River Dam						1979-05-11		
	J1H029	Left Canal from Dam @ Miertjes Kraal						1979-11-10		
	J1H030	Right Canal from Miertjieskraal Dam @ Miertjes Kraal						1980-04-09		
	J1H031	Brand River @ Miertjes Kraal						1984-04-22		
J2R001	Nels River @ Kraal Doorn Calitzdorp (Calitzdorp Dam)				33:29:26	21:42:16	J25D	37	Calitzdorp Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	27.74	292.71	60.76	5.81	5.81		1919-09-01	Original		
	27.74	292.71	58.10	4.82	4.82		1981-10-01	Basin survey		
Data								Data Period		
	10.55	Rainfall (mm.)	HYDRAS 3 (real time)				2014-04-15	2020-10-19	61% missing	
	100.00	Level (Metres)					1919-08-22	2020-02-18	10% missing	
	815.70	Temp (Deg C)	Raw logger data				2019-03-01	2020-10-19		
Components								Component	Period	
	J2H012	Left Canal from Dam to River @ Kraal Doorn						1919-04-19		
	0047360	Besemkop						1919-09-04	1923-12-31	
	J2H011	Left Canal from Dam @ Kraal Doorn						1920-04-12		
	0047359	Calitzdorp Dam						1924-01-01		
	J2E006	Olyve Fontein @ Gamkapoort Dam						1970-05-06	1994-06-01	
	J2H028	Pipeline from Dam to Treatment Works @ Kraal Doorn						1993-02-14		
J2R002	Leeu River @ Stinkfontein (Leeugamka Dam)				32:37:21	22:00:19	J22K	2088	Leeugamka Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	7.93	610.53	291.67	10.28	10.34		1958-10-22	Original		
	8.53	611.12	302.23	10.04	10.07		1965-08-01	Raised		
	9.78	612.37	371.54	13.56	13.58		1967-08-01	Raised		
	10.97	613.56	452.49	18.41	18.44		1967-10-01	Raised		
	10.97	613.56	424.00	14.68	14.68		1977-06-01	Basin survey		
	10.97	613.56	404.93	14.45	14.45		1981-07-01	Basin survey		
	10.97	613.56	416.75	14.75	14.75		1992-10-01	Basin survey		
	10.97	613.56	426.07	14.05	14.05		2000-12-01	Basin survey		
	10.97	613.56	415.43	13.58	13.58		2011-06-01	Basin survey		
Data								Data Period		
	10.55	Rainfall (mm.)	HYDRAS 3 (real time)				2014-01-01	2020-09-30		
	100.00	Level (Metres)					1958-10-22	2019-12-11		
Components								Component	Period	
	0068547	Zeekoevlei						1958-10-22	1962-06-30	
	J2H013	Right Main Canal from Dam @ Stinkfontein						1958-10-22		
	J2E005	Stinkfontein @ Leeu-Gamka Dam						1962-07-01	1966-02-01	
	J2E002	Stinkfontein @ Leeu-Gamka Dam						1966-02-01		



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 12
J2R002	(continued)	J2H014	Canal from Main Canal @ Stinkfontein				1980-10-09			
J2R003	Cordiers River @ Baviaanskloof (Oukloof Dam)				33: 14: 43	22: 05: 27	J23E	154	Oukloof Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	15.24	660.56	38.90	2.35	2.37		1930-09-14		Original	
	15.24	660.56	40.50	2.31	2.31		1946-10-01		Basin survey	
	19.77	665.09	61.70	4.22	4.22		1970-02-01		Raised	
	19.77	665.09	61.60	4.19	4.19		2001-10-01		Basin survey	
Data					Data Period					
	10.55	Rainfall (mm.)	HYDRAS 3 (real time)		2014-01-01	2020-10-30				
	100.00	Level (Metres)			1931-01-25	2020-02-19				
	815.70	Temp (Deg C)	Raw logger data		2019-01-28	2020-10-30				
Components					Component Period					
	20981231				1930-09-14					
	J2H015	Right Canal from Dam @ Baviaanskloof			1931-01-25					
	J3E001	Kammanassie @ Kammanassie Dam			1931-01-25					
	J2E006	Olyve Fontein @ Gamkapoort Dam			1970-06-01	1994-10-01				
	J3E002	Eensaamheid			1994-10-01					
J2R004	Gamka River @ Beaufort West Allotment Area (Gamka Dam)				32: 14: 20	22: 35: 11	J21A	98	Gamka Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	17.98	1076.86	15.80	1.84	2.35		1958-10-01		Original	
	17.98	1076.86	15.20	1.78	2.17		1979-10-01		Basin survey	
	17.98	1076.86	15.40	1.82	2.16		1992-10-01		Basin survey	
	17.94	1076.55	15.18	1.79	2.12		2010-08-04		Adjustment	
	17.94	1076.55	15.20	1.73	1.73		2011-11-01		Basin survey	
Data					Data Period					
	10.55	Rainfall (mm.)	HYDRAS 3 (real time)		2016-05-20	2020-11-03			56% missing	
	100.00	Level (Metres)			1958-10-01	2020-02-20			3% missing	
Components					Component Period					
	J2E001	Beaufort-West			1958-10-01	1965-01-31				
	J2H018	Gamka River @ B.Wes Allotment Area			1958-10-01					
	J2H020	Pipeline to Sar @ B-Wes Allotment Area			1958-10-01	1984-10-24				
	J2H022	Pipeline to Town (Filtered) @ B.Wes Allotment Area			1958-10-01	1964-05-04				
	J2H023	Pipeline from Bessiesdraai Borehole @ B.Wes Allotm			1958-10-01	1983-11-25				
	J2H025	Main Pipeline from Gamka Dam(W/Aff.) @ Beaufort-West			1958-10-01	1998-07-31				
	J2H026	Emergency Pipeline from Gamka Dam @ B.Wes Allotment			1958-10-01	1984-10-25				
	J2H019	Pipeline to Town @ B.Wes Allotment Area			1964-05-01	1974-09-25				
	J2E003	Beaufort-West @ Prison			1965-02-01	1965-06-01				
	J2E004	B.Westallotmentarea @ Gamka Dam			1965-06-01					



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 13	
J2R005	Stols River @ Klipbanksfontein (Stolsrivier Dam)				32: 25: 35	22: 27: 59	J21A	78	Stolsrivier Dam		
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	10.58	777.24	0.00	0.00	0.00		1926-06-01	Original			
Data	100.00	Level	(Metres)				Data Period	1926-06-01	1955-08-31		
Components	J2H017	Canal from Stols- Rivier Dam @ Klipbanksfontein						Component Period	1926-02-07	1955-08-31	
J2R006	Gamka River @ Spek Boom Berg (Gamkapoort Dam)				33: 18: 33	21: 38: 03	J24F	17055	Gamkapoort Dam		
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	21.34	379.48	0.00	0.00	0.00		1970-04-01	Original			
	21.34	379.48	668.47	54.46	55.33		1970-08-28	Basin survey			
	21.34	379.48	629.86	47.31	47.31		1978-10-01	Basin survey			
	21.34	379.48	617.31	44.82	44.82		1981-04-01	Basin survey			
	21.34	379.48	622.08	41.58	41.58		1992-10-01	Basin survey			
	21.34	379.48	603.07	37.23	37.23		2000-10-01	Basin survey			
	21.34	379.48	600.82	36.23	36.23		2009-03-01	Basin survey			
	21.34	379.48	599.21	35.72	35.72		2017-10-01	Basin survey			
Data	10.55	Rainfall	(mm.)	HYDRAS 3 (real time)			Data Period	2019-03-28	2020-11-03		
	100.00	Level	(Metres)					1970-08-28	2020-09-21		
	815.70	Temp	(Deg C)	Raw logger data				2019-01-14	2020-10-27		
	815.71	Temp	(Deg C)					2014-05-28	2020-10-27		
Components	J2H016	Gamka River @ Spek Boom Berg						Component Period	1970-08-25		
	J2E006	Olyve Fontein @ Gamkapoort Dam							1970-08-27		
J2R007	Leeu River @ Stinkfontein (Ou Leeugamka Dam)				32: 38: 16	21: 59: 28	J22K	2101	Ou Leeugamka Dam		
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	6.71	594.36	0.00	0.00	0.00		1929-02-01	Raised			
	4.88	594.36	0.00	0.00	0.00		1936-07-01	A01 - Basin survey			
	4.79	594.36	0.00	0.00	0.00		1937-06-01	A01 - Adjusted			
	4.88	594.36	0.00	0.00	0.00		1939-06-01	A01 - Basin survey			
	3.66	594.36	0.00	0.00	0.00		1946-10-01	A01 - Basin survey			
Data	100.00	Level	(Metres)				Data Period	1926-01-28	1958-09-30	3% missing	
Components	J2H027	Canal from Dam @ Stinkfontein						Component Period	1920-03-01	1958-09-30	
	J2E002	Stinkfontein @ Leeu-Gamka Dam							1926-01-29	1958-09-30	



Station						Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 14
J2R008	Tributary of Seweweekspoort River @ Tierkloof Dam					33: 26: 15	21: 24: 45	J25B	15	Ti erkl oof Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	14.24	632.55	0.66	0.03	0.03						
Data						Data Period					
	100.00	Level (Metres)	Raw logger data		2015-04-29		Basin survey				
	815.70	Temp (Deg C)			2015-07-10		2019-10-22				
	815.71	Temp (Deg C)			2015-04-29		2020-10-28				
J3R001	Kammanassie River @ Kammanassie (Kammanassie Dam)					33: 38: 38	22: 24: 31	J34E	1525	Kammanassie Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	28.96	366.67	354.26	39.47	39.50	1922-05-01 Original					
	28.96	366.67	354.26	39.47	39.50	1935-06-28 Temporary fsl					
	28.96	366.67	354.26	39.47	39.50	1936-01-01 Original					
	28.96	366.67	354.26	39.47	39.50	1950-11-22 Temporary fsl					
	28.96	366.67	354.26	39.47	39.50	1951-01-12 Original					
	28.96	366.67	348.72	36.37	36.37	1954-10-01 Basin survey					
	28.96	366.67	352.12	35.92	35.92	1981-10-01 Basin survey					
	28.96	366.67	352.79	34.92	34.92	1996-10-01 Basin survey					
	28.96	366.67	352.05	34.35	34.35	2009-04-01 Basin survey					
Data						Data Period					
	10.55	Rainfall (mm.)	HYDRAS 3 (real time)		2014-01-01		2020-10-20				
	100.00	Level (Metres)			1922-05-01		2019-12-05 1% missing				
	149.00	Combined (cumeecs)			1938-11-01		1976-12-01 9% missing				
	149.01	Combined (cumeecs)			1941-09-01		1943-10-01				
Components						Component Period					
	0028735	Heimersrivier			1922-05-01						
	J3H025	Right Canal from Dam (Furrow 2) @ Kammanassie			1922-05-01						
	J3H026	Left Canal from Dam (Furrow 1) @ Kammanassie			1922-05-01						
	J3H027	Canal from River (Furrow 4) @ Kammanassie			1922-05-01		2008-09-03				
	J3H028	Canal from Furrow 2 @ (Furrow 3) Kammanassie			1922-05-01						
	J3H029	Kammanassie River @ Kammanassie			1922-08-28						
	J3H024	Left Main Canal from Dam @ Kammanassie			1922-10-17						
	J3E001	Kammanassie @ Kammanassie Dam			1926-06-01						
J3R002	Olifants River @ Farm 67 De Rust (Stompdriфт Dam)					33: 30: 42	22: 35: 08	J33B	5224	Stompdri ft Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	31.36	444.40	642.30	61.66	61.67	1963-11-19 Basin survey					
	31.36	444.40	640.56	57.61	57.61	1977-10-01 Basin survey					
	31.36	444.40	629.10	55.37	55.37	1981-10-01 Basin survey					
	31.36	444.40	620.52	49.58	49.58	1996-10-01 Basin survey					
	31.36	444.40	620.30	46.27	46.27	2009-11-01 Basin survey					
Data						Data Period					
	10.55	Rainfall (mm.)	HYDRAS 3 (real time)		2014-01-01		2020-09-29				
	100.00	Level (Metres)			1963-11-19		2019-12-04				



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 15
J3R002	(continued)									
	138.00	Valve Dis. (CumeCs)					1963-11-19	1984-01-01		
Components							Component	Period		
	0049060	De Rust - Pol					1963-11-19	1968-05-01		
	J3E001	Kammanassie @ Kammanassie Dam					1963-11-19	1968-04-30		
	J3H030	Right Main Canal Stompdriфт Dam @ Doornkraal					1963-11-19			
	J3H031	Le Roux Pipeline @ Doornkraal					1963-11-19			
	J3E003	Farm 67 @ Stompdriфт Dam					1968-05-01			
J3R003	Klein Le Roux River @ De Congo (KooS Raubenheimer Dam)				33:24:36	22:16:54	J35A	61	KooS Raubenheimer Da	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	24.99	588.94	73.41	9.06	9.21		1973-05-01	Original		
	24.99	588.94	73.41	9.05	9.20		1983-10-01	Basin survey		
Data							Data Period			
	100.00	Level (Metres)					1973-05-01	1987-02-11		
Components							Component	Period		
	0048564	Melville Dam					1973-05-01	1987-10-01		
	J3E003	Farm 67 @ Stompdriфт Dam					1973-05-01			
	J3H032	Little Le Roux River @ De Congo					1973-05-01			
	J3H033	Main Pipeline to Oudtshoorn @ De Congo					1973-05-01			
	J3H034	Pipeline from Melville Dam (A) @ De Congo					1979-07-01			
	J3H035	Pipeline from Rus And Vrede (B) @ De Congo					1979-07-01			
	0048384	Grootkraal					1987-10-01			
K1R001	Hartenbos River @ HartebeestkuiI (HartebeestkuiI Dam)				34:05:47	22:00:27	K10B	100	HartebeestkuiI Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	15.53	80.44	115.70	6.97	7.00		1970-03-01	Original		
	15.53	80.44	115.70	6.97	6.99		1981-10-01	Basin survey		
	15.53	80.44	115.80	7.13	7.15		1999-10-01	Basin survey		
Data							Data Period			
	100.00	Level (Metres)					1970-03-17	2019-11-25		
	815.70	Temp (Deg C)	Raw logger data				2020-04-01	2020-10-13		
Components							Component	Period		
	K1H017	Hartenbos River @ HartebeestkuiI					1970-03-01			
	415EL1						1970-03-18	1970-12-01		
	K1E001	HartebeestkuiI @ HartbeestkuiI Dam					1970-11-09	1993-07-01		
	K1E003	HartebeestkuiI @ Streeks Sewagewks.					1993-07-01			
K1R002	Tributary of Hartenbos River @ RheeboKfontein				34:03:15	22:08:22	K10F	11	Kli pheuwel Dam	



Station	Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
K1R002 (continued)						16
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)	
	18.68	29.50	46.88	4.45	4.47	2010-06-01 Basin survey
Data	10.55 100.00	Rainfall Level	(mm.) (Metres)	HYDRAS 3 (real time)		Data Period 2014-01-01 2020-10-14 2012-01-02 2019-11-28
Components	K1H014	Little Brak Purification Works @ Klipheuevel				Component Period 1985-07-25 1985-07-25
K2R001	Groot Brak River @ Ernest Robertson Dam	33:54:08	22:10:27	K20A	17	Ernest Robertson Dam
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)	
	13.98	369.28	5.69	0.41	0.42	1958-06-01 Original
Data	10.55 100.00 815.70	Rainfall Level	(mm.) (Metres)	HYDRAS 3 (real time) Raw logger data		Data Period 2014-01-01 2020-11-03 1958-06-12 2020-01-15 2020-04-01 2020-10-12 13% missing 4% missing
Components	0028415 K2H005 K2H009 K1E001	Jonkersberg - Bos Right Pipeline from Dam @ Klein Bosch Great-Brak River @ Brakriviers Spruiten Hartebeeskui @ Hartebeeskui Dam				Component Period 1958-06-12 1958-06-12 1958-06-12 1972-04-30 1970-12-01
K2R002	Groot Brak River @ Wolwedans (Wolwedans Dam)	34:00:52	22:13:45	K20A	123	Wolwedans Dam
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)	
	52.70 52.70	98.00 98.00	116.90 117.08	25.10 24.63	25.47 24.86	1990-04-18 Original 2011-10-01 Basin survey
Data	10.55 100.00	Rainfall Level	(mm.) (Metres)	HYDRAS 3 (real time)		Data Period 2015-05-01 2020-10-12 1990-04-18 2020-01-14
Components	K2E001 K2H006 K2H010 K1H019	Voorburg @ Wolwedans Dam Great-Brak River @ Voorburg Pipeline from Wolwedans Dam @ Great Brak River Pipeline from Wolwedans Dam @ Little Brak River				Component Period 1990-04-18 1992-03-04 1992-06-01 1993-02-01
K3R001	Swart River @ Cradocks Berg George (Swart River Dam)	33:54:47	22:29:38	K30C	10	Swart River Dam



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 17
K3R002	Swart River @ Farm 149 George (Garden Route Dam)				33: 57: 51	22: 30: 51	K30C	36	Garden Route Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	29.31	179.34	85.40	8.95	9.05		1984-08-10	Original		
	29.31	179.34	87.10	9.98	10.02		2010-07-01	Basin survey		
Data								Data Period		
	10.55	Rainfall (mm.)	HYDRAS 3 (real time)					2014-01-01	2020-10-15	
	100.00	Level (Metres)						1984-08-10	2020-02-06	
	194.00	Supply Flow (l/s)						1988-01-01	2006-01-01	
	210.00	% Full (nett)						1984-08-10	2005-07-28	
	815.70	Temp (Deg C)	Raw logger data					2017-05-01	2020-10-15	
Components								Component Period		
	K3E002	Outeniqua Exper. Farm @ George						1984-08-10		
	K3H009	Compensation Water to Swart River @ George						1989-08-14		
	K3H010	Swart River @ George						1989-08-14		
K3R003	Rondevlei @ Ronde Valley				33: 59: 22	22: 43: 05	K30D	0		
Data								Data Period		
	100.00	Level (Metres)						1977-03-02	2020-01-15	
	815.70	Temp (Deg C)	Raw logger data					2014-01-01	2020-10-29	
Components								Component Period		
	K3E003	Ronde Valley @ Rondevlei						1976-10-31		
K3R004	Bo- Lang Vlei @ Klein Krantz				33: 59: 04	22: 40: 35	K30D	0		
Data								Data Period		
	100.00	Level (Metres)						1977-03-10	2020-01-16	
	815.70	Temp (Deg C)	Raw logger data					2014-01-01	2020-10-15	
K3R005	Onder-Lang Vlei @ Klein Krantz				33: 59: 24	22: 38: 06	K30D	0		
Data								Data Period		
	100.00	Level (Metres)						1977-03-08	2020-01-16	1% missing
	815.70	Temp (Deg C)	Raw logger data					2014-01-01	2020-10-12	
K3R006	Touws River Estuary @ Wilderness				33: 59: 37	22: 35: 47	K30D	0		
K4R001	Groenvlei @ Ruygte Valley				34: 02: 04	22: 51: 07	K40D	0		
Data								Data Period		
	100.00	Level (Metres)						1977-03-02	2020-01-14	2% missing
	815.70	Temp (Deg C)	Raw logger data					2020-04-01	2020-10-12	



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 18
K4R002	Swartvlei @ Ronde Valley Hoogekraal				33:59:26	22:44:17	K40D	0		
Data								Data Period		
	100.00	Level (Metres)						1977-03-01	2020-02-04	
	815.70	Temp (Deg C)	Raw logger data					2014-01-01	2020-11-05	
Components								Component Period		
	K4E001	Ronde Valley @ Swartvlei						1977-12-01		
K4R003	Sedgefield Lagoon @ Round Hill Lot Kd 185				34:01:47	22:47:50	K40D	0		
K5R001	Knysna Lagoon @ Knysna Thesen's Island				34:02:59	23:02:44	K50B	0		
K6R001	Piesang River @ Roodefontein Plettenbergbaai				34:04:00	23:20:04	K60G	28	Roodefontein Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	8.30	40.30	0.00	0.00	0.00			1995-10-11		
	10.30	42.30	0.00	0.00	0.00			2004-10-01		
	10.07	43.91	34.64	2.00	2.08			2007-12-12	Basin survey	
	10.07	43.91	35.86	1.99	2.07			2011-12-01	Basin survey	
Data								Data Period		
	10.55	Rainfall (mm.)	HYDRAS 3 (real time)					2014-01-01	2020-10-13	
	100.00	Level (Metres)						1995-10-11	2020-02-12	3% missing
	815.70	Temp (Deg C)	Raw logger data					2014-01-01	2020-09-28	
Components								Component Period		
	K6H003	River Outlet @ Roodefontein						1995-09-07		
	K6H004	Pipeline from Roodefontein Dam @ Roodefontein						1995-09-07	1995-09-07	



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Arieskraal Dam G4R005	1
Bellair Dam J1R002	9
Bo-Lang Vlei K3R004	17
Bot River Wetlands G4R003	1
Brandvlei Dam H1R001	2
Buffeljags Dam H7R001	7
Calitzdorp Dam J2R001	11
Ceres Dam H1R003	3
De Bos Dam G4R010	2
De Hoop Wetland G5R001	2
Duiwenhoks Dam H8R001	8
Eikenhof Dam G4R002	1
Elandskloof Dam H6R002	7
Ernest Robertson Dam K2R001	16
Floriskraal Dam J1R003	10
Gamka Dam J2R004	12
Gamkapoort Dam J2R006	13
Garden Route Dam K3R002	17
Groenvlei K4R001	17
Hartebeestkuil Dam K1R001	15
Kammanassie Dam J3R001	14
Keerom Dam H4R002	5
Klein River Wetland G4R004	1
Kleinmond-Mond G4R012	2
Klipberg Dam H4R003	6
Klipheuvel Dam K1R002	15
Knysna Lagoon K5R001	18
Kogelberg Dam G4R006	1
Koos Raubenheimer Da J3R003	15
Korentepoort Dam H9R001	8
Kwaggaskloof Dam H4R004	6
Lakenvlei Dam H2R002	4
Leeugamka Dam J2R002	11
Miertjieskraal Dam J1R004	10
Moordkuil Dam H4R001	5
Onder-Lang Vlei K3R005	17
Onrus River Wetland G4R011	2
Ou Leeugamka Dam J2R007	13
Oukloof Dam J2R003	12
Palmiet River G4R009	2
Pietersfontein Dam H3R002	5
Poortjieskloof Dam H3R001	4
Prinsrivier Dam J1R001	8
Rockview Dam G4R008	2
Rondevlei K3R003	17
Roode Els Berg Dam H2R001	4
Roodefontein Dam K6R001	18
Sedgefield Lagoon K4R003	18
Stettynskloof Dam H1R002	3
Stolsrivier Dam J2R005	13
Stompdriif Dam J3R002	14
Swart River Dam K3R001	16
Swartvlei K4R002	18
Theewaterskloof Dam H6R001	7
Tierkloof Dam J2R008	14
Touws River Estuary K3R006	17
Wolwedans Dam K2R002	16
Zwiegel aars Dam H6R003	7