

Department of Water and Sanitation

SAFPUB V02 Output 20/04/2025

Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	1
E1R001	Olifants River @ Kromme Valley				31:59:46	18:47:13	E10J	2764	Bulshoek Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	5.51	64.06	0.00	0.00	0.00		1921-01-01		Original		
	5.51	64.06	177.44	6.55	6.55		1922-03-01		Basin survey		
	5.51	64.06	180.20	6.06	6.78		1949-10-01		Basin survey		
	5.50	64.06	180.20	6.06	6.78		1968-10-01		A01 - Basin survey		
	5.55	64.06	180.20	6.06	6.78		1981-11-18		A01 - Adjusted		
	5.55	64.06	180.20	5.66	6.30		1983-10-01		Basin survey		
	5.55	64.06	177.30	4.97	5.58		1993-10-01		Basin survey		
	5.55	64.06	176.42	4.81	5.39		2004-10-01		Basin survey		
Data							Data Period				
	100.00	Level (Metres)					1923-04-01	2025-02-17			
	215.00	Tot Gates' Vol(Ml)	Gate Discharge	Volume			1989-07-30	2002-07-30			
	230.09	Level (m)	Cello primary hg				2013-02-06	2024-09-21	84% missing		
Components							Component Period				
	0107510	Bulshoek Dam					1921-01-01				
	E1H007	Left Canal from Bulshoek Dam @ Kromme Valley					1921-01-01				
	E1E001	Bulshoek					1931-09-01	1948-02-01			
	E3E001	Rentia					1948-02-01	1958-05-01			
	E1E004	Andriesgrond @ Clan William Dam					1974-06-01				
	E1H017	Olifant River @ Bulshoek Dam					2004-12-07	2004-12-07			
E1R002	Olifants River @ Andriesgrond				32:11:05	18:52:28	E10G	2025	Clanwilliam Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	22.56	98.32	822.35	73.67	77.64		1935-05-29		Basin survey		
	22.56	98.32	783.94	68.51	71.86		1950-10-01		Basin survey		
	28.65	104.41	1133.10	130.61	133.95		1968-10-01		Gates installed		
	28.65	104.41	1131.31	125.09	127.50		1980-11-01		Basin survey		
	28.65	104.41	1123.63	123.58	125.95		1994-10-01		Basin survey		
	28.65	104.41	1123.49	121.78	123.71		2004-11-01		Basin survey		
	28.65	104.41	1123.47	122.48	124.70		2011-11-01		Basin survey		
Data							Data Period				
	10.00	Rainfall (mm.)					2005-08-26	2018-06-18	19% missing		
	10.01	Rainfall (mm.)	gauge 2				1921-01-01	2019-10-01			
	10.70	Rainfall (mm.)	Tipping Bucket				2005-08-26	2018-06-18	19% missing		
	100.00	Level (Metres)					1935-05-29	2025-02-17			
	2065.70	Air Temperature (°C)	Raw logger data				2005-08-26	2018-06-18	16% missing		
	2070.70	Relative Humidity(P)	Raw logger data				2005-08-26	2018-06-18	16% missing		
	215.00	Tot Gates' Vol(Ml)	Gate Discharge	Volume			1968-09-30	2007-09-29	1% missing		
	230.09	Level (m)	Cello primary hg				2013-02-05	2024-12-19	84% missing		
	500.70	Wind Direc (Deg)	Raw logger data				2005-08-26	2018-06-18	16% missing		
	515.70	Wind Speed (M/s)	Raw logger data				2005-08-26	2018-06-18	18% missing		



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E1R002	(continued)										
	741.70	Solar Rad.(mW/Sq.cm)	Raw logger data				2005-08-26	2018-06-18	16% missing		
	816.70	Pressure (mm)	Raw Logger Data mm/bar				2006-01-22	2018-06-18	2% missing		
Components											
	E1H008	Right Canal from Clanwilliam Dam @ Andriesgrond					1935-05-29				
	0084701	Clanwilliam					1935-06-01	1973-12-31			
	E1H011	Olifants River @ Andriesgrond					1935-06-01	1997-11-17			
	E1E001	Bulshoek					1935-09-01	1948-01-31			
	E1H009	Turbine-Outlet (Right) @ Andriesgrond					1937-05-01	1991-10-01			
	E3E001	Rentia					1948-02-01	1958-05-31			
	E3E002	Vredendal					1958-06-01	1973-12-31			
	E1E004	Andriesgrond @ Clan William Dam					1974-01-01				
	E1H010	Right Pipeline from Clanwilliam Dam @ Andriesgrond					1977-06-01				
	E1H014	Pipeline to Leisure Resort @ Andriesgrond					1990-11-01				
E4R001	Karee River @ Calvinia Nat.Park				31:25:42	19:47:17	E40B	18	Karee Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	7.62	1051.90	14.34	0.49	0.49		1961-10-25	Original			
	10.21	1054.49	21.50	0.95	0.95		1970-06-01	Raised			
	10.07	1054.49	21.50	0.95	0.95		1979-06-19	A01 - Adjusted			
	10.07	1054.49	21.52	0.95	0.95		1992-10-01	Basin survey			
	10.05	1054.51	21.30	0.96	0.97		2024-10-01	Basin survey			
Data											
	10.70	Rainfall (mm.)	Tipping Bucket				2016-07-22	2018-06-03			
	100.00	Level (Metres)					1961-10-25	2025-02-18	12% missing		
	230.09	Level (m)	Cello primary hg				2013-02-07	2023-11-03	91% missing		
Components											
	E4E001	Calvinia					1961-11-25				
	E4H002	Pipeline from Karee Dam to Purification Works					1961-11-25				
G1R001	Voelvlei River @ Vogel Vallij				33:20:22	19:01:46	G10F	42	Voelvlei Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	8.50	70.18	1036.74	42.99	50.44		1951-06-25	Original			
	17.65	79.33	1523.95	159.64	167.09		1970-08-01	Raised			
	17.65	79.33	1573.00	164.31	172.82		1978-10-01	Basin survey			
	17.65	79.33	1524.75	158.78	165.24		1999-10-01	Basin survey			
	17.65	79.33	1522.24	158.59	163.73		2017-11-01	Basin survey			
Data											
	10.50	Rainfall (mm.)	MeteoSat (realtime)				2005-08-11	2006-03-02	72% missing		
	10.61	Rainfall (mm.)	4 WATER Cello (realtime)				2014-11-22	2018-07-03	46% missing		
	10.70	Rainfall (mm.)	Tipping Bucket				2003-02-19	2006-04-26			
	100.00	Level (Metres)					1951-06-25	2025-03-04			
	2065.70	Air Temperature (°C)	Raw logger data				2003-02-19	2006-04-26	4% missing		
	2070.70	Relative Humidity(P)	Raw logger data				2003-04-07	2006-04-26	2% missing		
	230.04	Level (m)	HYDRAS 3				2005-07-20	2012-06-27	35% missing		



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	3
G1R001	(continued)										
	230.09	Level (m)	Cello primary hg				2012-10-04	2025-01-08	50% missing		
	500.70	Wind Direc (Deg)	Raw logger data				2003-02-19	2006-04-26	5% missing		
	515.70	Wind Speed (M/s)	Raw logger data				2003-02-19	2006-04-26	5% missing		
	741.70	Solar Rad.(mW/Sq.cm)	Raw logger data				2003-02-19	2006-04-26	8% missing		
Components											
	G1H066	Little Berg River Inlet Canal @ Nieuwkloof					1951-06-25				
	G1H068	Swartland-Pipeline @ Vogel Vallij					1951-06-25				
	0042227	Tulbagh					1951-06-26				
	G1H065	Canal from Voelvlei Dam @ Vogel Vallij					1951-10-01				
	G1E002	Vogel Vallij @ Voelvlei Dam					1952-07-01				
	G1H069	Ics-Pipeline @ Vogel Vallij					1958-02-01	1982-06-01			
	G1H070	Cape Town Pipeline @ Vogel Vallij					1971-02-01				
	G1H067	Vier-En-Twintig-Riv. Inlet Canal @ Doorn Boom					1972-05-04				
G1R002	Wemmers River @ Winterhoek				33:49:58	19:04:56	G10B	87	Wemmershoek Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	53.34	296.70	296.00	59.74	59.90		1957-05-03		Original		
	53.34	296.70	296.00	58.71	58.80		1984-10-01		Basin survey		
Components											
	G1E001	Wellington					1957-05-03		1957-09-06		
	G1E003	Zachariashoek @ Wemmershoek Dam					1957-09-07				
	G1H072	Compensation Pipeline @ Winterhoek					1957-10-01		1991-09-01		
	G1H071	Pipeline from Wemmershoek Dam @ Winterhoek					1957-11-01		1992-08-31		
G1R003	Berg River @ Misverstand				33:01:29	18:47:20	G10J	3972	Misverstand Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	3.64	26.13	255.25	6.48	7.82		1977-07-12		Original		
	3.64	26.13	254.61	6.41	7.66		1988-10-01		Basin survey		
	3.64	26.13	250.68	5.68	6.65		2011-03-01		Basin survey		
Data											
	10.70	Rainfall (mm.)	Tipping Bucket				2003-04-10	2012-08-28	10% missing		
	100.00	Level (Metres)					1977-07-12	2025-03-05			
	230.00	Level (m)	MeteoSat				2025-01-03	2025-03-06	1% missing		
	230.09	Level (m)	Cello primary hg				2014-02-13	2025-03-06	87% missing		
	815.70	Temp (Deg C)	Raw logger data				2004-11-10	2008-06-06	12% missing		
	815.71	Temp (Deg C)	70m/left bank\044 5m/top				2006-06-08	2008-08-05			
	815.72	Temp (Deg C)	50m/left bank\044 3m/top				2006-06-08	2008-08-05			
	815.73	Temp (Deg C)	50m/left bank\044 1m/top				2006-06-14	2008-07-25			
	815.74	Temp (Deg C)	70m/left bank\044 1m/top				2006-06-14	2008-08-05			
	815.75	Temp (Deg C)	70m/left bank\044 3m/top				2006-06-08	2008-08-05			
	815.76	Temp (Deg C)	125m/left bank\044 1m/top				2006-06-14	2009-09-03	28% missing		
	821.70	Conduct. (Specific)	Raw logger data				2004-11-10	2008-06-06	9% missing		
	821.71	Conduct. (Specific)	70m/left bank\044 5m/top				2006-06-08	2008-08-05			
	821.72	Conduct. (Specific)	50m/left bank\044 3m/top				2006-06-08	2008-08-05			
	821.73	Conduct. (Specific)	50m/left bank\044 1m/top				2006-06-14	2008-08-05			



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G1R003	(continued)											
	821.74	Conduct.	(Specific)	70m/left	bank\044	1m/top		2006-06-14	2008-08-05			
	821.75	Conduct.	(Specific)	70m/left	bank\044	3m/top		2006-06-08	2008-08-05			
	821.76	Conduct.	(Specific)	125m/left	bank\044	1m/top		2006-06-14	2009-09-03			
Components												
	0041301	Koringberg						1977-07-13	1999-03-01			
	G1E002	Vogel Vallij	@ Voelvlei	Dam				1977-07-13				
	G1E007	Langebaan	@ Langebaan	Road				1978-11-17	2005-07-01			
	G1E008	Misverstand	@ Misverstand	Dam				1979-03-08	1992-03-01			
	G1H048	Pipeline to	Withoogte @	Misverstand				1986-03-01				
	G1E009	Withoogte	@ Purification	Works				1999-03-01				
	0041301A	Koringberg						2005-07-01				
	G1H075	Misverstand	Dam					2006-07-13				
G1R004	Berg River @ Skuifraam					33:54:31	19:03:29	G10A	78	Berg River Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity							
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)							
	42.00	250.00	536.80	130.01	130.01			2007-07-30	Basin survey			
Data												
	100.00	Level	(Metres)					2007-08-17	2025-01-21			
	230.09	Level	(m)	Cello primary hg				2018-10-11	2024-10-22	40% missing		
Components												
	G1E006	Assegaaibos	@ Robertsvlei					2007-08-17				
	G1H077	Berg @ Berg	River Dam (W-Component)					2008-05-28				
G2R001	Jonkershoek River @ Jonkershoek					33:58:29	18:56:34	G22F	30	Kleinplaas Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity							
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)							
	11.00	267.00	7.60	0.36	0.36			1982-06-03	Basin survey			
	10.95	267.04	6.94	0.29	0.29			1992-10-01	Basin survey			
	10.95	267.04	6.94	0.27	0.27			2012-01-01	Basin survey			
Data												
	100.00	Level	(Metres)					1983-01-14	2025-02-07	11% missing		
	127.00	Level Over	Spill (m)					2002-08-15	2025-02-07	1% missing		
	127.70	Level Over	Spill (m)					2008-10-30	2020-07-22	9% missing		
	127.90	Level Over	Spill (m)					2009-05-28	2025-02-07	28% missing		
Components												
	G2H005	Jonkershoek	@ Jonkershoek					1983-01-14				
	G2H027	KWV/Experimental-	Farm Pipeline @	Nietgegend				1983-01-14	1992-01-01			
	G2H034	Pipeline to	Capetown from Tunnel @	Nietgegend				1983-01-14				
	G2H036	Paradyskloof	Pipeline @	Nietgegend				1983-11-01	1984-05-01			
	G2H031	Jonkershoek	Tunnel Outlet (Valve 1) @	Jonkershoek				1984-03-01				
	G2H032	Jonkershoek	Tunnel Outlet (Valve 2) @	Jonkershoek				1984-03-01				
	G2H033	Jonkershoek	Tunnel Outlet (Valve 3) @	Jonkershoek				1984-03-01				
	G2E013	Jonkershoek	@ Manor House					1984-05-01				
	G2H035	Stellenbosch/KWV	Pipeline from Tun. @	Nietgegend				1984-05-01				



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G3R001	Verlorevleipan @ Bonteheuvel				32:19:03	18:23:51	G30E	0			
Data	100.00	Level	(Metres)				Data Period 1994-03-16	2010-01-06	2% missing		
G3R002	Wadriftsoutpan @ Elandsbaai				32:12:15	18:19:56	G30F	0			
Data	100.00	Level	(Metres)				Data Period 1999-04-22	2017-07-04			
G4R001	Steenbras River @ Kogel Baai				34:11:13	18:51:09	G40A	67	Steenbras Dam-Lower		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	9.14	332.23	93.61	2.96	2.96		1921-10-01	Original			
	9.75	332.84	101.43	3.56	3.56		1924-09-01	Raised			
	21.41	344.50	329.16	27.19	27.19		1927-10-01	Raised			
	23.39	346.48	390.40	34.23	34.23		1954-10-01	Raised			
	23.39	346.48	370.50	36.09	36.13		1979-10-01	Basin survey			
	23.39	346.04	364.20	33.88	33.90		1992-10-01	Basin survey			
Data	100.00	Level	(Metres)				Data Period 1989-01-01	2024-08-31	8% missing		
Components							Component Period				
	0005611	STEENBRAS DAM					1924-11-01	1950-01-01			
	G4H028	Pipeline from Steenbras Dam (Lower) @ Kogel Baai					1924-11-01	1991-08-31			
	0005611A	STEENBRAS 1					1950-01-01	1957-09-01			
	G4E001	Kogel Baai @ Steenbrasdam-Lower					1989-01-01				
G4R002	Palmiet River @ Wesselsgat				34:07:39	19:02:05	G40C	64	Eikenhof Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	26.40	313.90	213.73	22.12	22.27		1978-05-01	Original			
	27.46	314.96	223.92	24.44	24.59		1988-09-01	Raised			
	29.47	316.97	240.10	28.86	29.00		1998-08-01	Raised			
Data	100.00	Level	(Metres)				Data Period 1978-05-16	2025-01-14	1% missing		
	138.00	Valve Dis.	(Cumeecs)				1978-05-01	2021-03-03			
	230.09	Level (m)		Cello primary hg			2020-12-02	2024-06-07	66% missing		
Components							Component Period				
	G4E005	Kleine Wessels @ Eikenhofdam					1978-06-01	2006-05-01			
	G4H024	Groenland-Pipeline @ Palmiet River					1978-06-12				
	G4H026	Applegarth-Pipeline @ Wesselsgat					1978-08-01				
	G4H027	Elfco-Pipeline @ Wesselsgat					1978-08-01				
	G4H025	Highlands-Pipeline @ Wesselsgat					1979-01-01				
	G4H031	Oak Valley Pipeline @ Wesselsgat					1991-06-01				
	G4H032	Grabouw Pipeline @ Wesselsgat					1992-12-01				
	G4E001	Kogel Baai @ Steenbrasdam-Lower					2006-05-01				
	0006039	GRABOUW					2006-09-26				

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G4R003	Bot River @ Hermanus River				34:19:29	19:07:18	G40G	0			
Data	100.00	Level	(Metres)				Data Period	1979-10-01	2011-10-25	1% missing	
G4R004	Klein River @ Rocklands				34:24:36	19:20:54	G40L	0			
Data	100.00	Level	(Metres)				Data Period	1979-08-08	2011-10-27	3% missing	
G4R005	Palmiet River @ Somersfontein				34:14:39	18:59:08	G40D	12		Arieskraal Dam	
G4R006	Palmiet River @ Van Aries Kraal				34:12:58	18:58:19	G40D	179		Kogelberg 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	Original		
	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	Basin survey		
Data	100.00	Level	(Metres)				Data Period	1987-05-20	2025-01-14	9% missing	
Components							Component Period				
	G4H029	Palmiet @ Van Aries Kraal						1987-05-20			
	G4E006	Somersfontein @ Kogelberg Dam						1987-09-01	1996-09-30		
G4R007	Steenbras River @ Steenbras River				34:10:05	18:54:06	G40A	30		Steenbras Dam-Upper	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	25.00	370.00	275.00	31.81	32.48			1988-03-01	Original		
	25.00	370.00	275.00	31.81	32.48			1988-10-01	Basin survey		
Data	100.00	Level	(Metres)				Data Period	1993-07-01	2024-08-31	1% missing	
Components							Component Period				
	G4H023	Rockview-Steenbras	Inflow Canal @ Rock View					1988-03-01			
G4R008	Rockview Dam @ Rock View				34:11:31	18:57:19	G40D	2		Rockview Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (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			



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G4R009	Palmiet River @ Kleinmond				34:20:10	18:59:30	G40D	0			
Data	100.00	Level	(Metres)				Data Period				
							1992-01-21	2011-10-25	1% missing		
G4R010	Onrus River @ Hemel En Aarde				34:22:07	19:14:02	G40H	32	De Bos Dam		
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	100.00	Level	(Metres)				Data Period				
	230.09	Level (m)		Cello primary hg			1977-10-06	2025-01-29	54% missing		
							2013-02-15	2025-01-30	84% missing		
G4R011	Onrus River @ Onrus River				34:24:59	19:10:41	G40H	56			
Data	100.00	Level	(Metres)				Data Period				
							1994-11-30	2011-10-25	5% missing		
G4R012	Kleinmond-Mond @ Kleinmond				34:20:29	19:02:14	G40G	0			
Data	100.00	Level	(Metres)				Data Period				
							1999-10-20	2011-10-25			
G5R001	Sout River @ Farm 74 De Hoop Nat. Res.				34:29:22	20:25:02	G50J	1900			
Data	100.00	Level	(Metres)				Data Period				
							1963-06-20	2023-06-08	16% missing		
H1R001	Lower Brandvlei River @ Nekkie				33:42:07	19:27:00	H10L	97	Brandvlei Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	5.18	198.94	1614.36	34.33	48.31		1926-02-01	Original			
	6.40	200.16	1790.95	55.10	69.08		1949-07-31	Raised			
	7.32	201.08	1906.97	72.16	86.14		1952-01-01	Raised			
	7.68	201.44	1934.15	79.03	93.01		1972-04-01	Raised			
	5.15	201.44	1956.80	81.61	94.05		1981-07-13	A01 - Basin survey			
	14.21	210.50	2424.60	284.29	296.73		1981-10-02	Raised			
	14.21	210.50	2448.75	286.04	298.19		2008-10-01	Basin survey			
Data	100.00	Level	(Metres)				Data Period				
	230.09	Level (m)		Cello primary hg			1926-02-01	2025-03-05			
							2018-05-01	2023-10-01	53% missing		
Components	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			



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	8
H1R001	(continued)										
	H1H028	Canal from Brandvlei Dam Basin @ Die Nekkie					1981-07-01				
	H1H030	Pipeline from Bree- River @ Die Nekkie					1986-01-01				
	H1E009	Brandvlei Dam @ Seiljagklub					2002-02-01				
H1R002	Holsloot River @ Haweqwas State For.				33:50:11	19:15:06	H10K	55	Stettynskloof Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	18.90	458.46	51.33	5.48	5.66		1958-05-01	Original			
	32.00	471.56	98.00	14.75	14.93		1980-08-01	Raised			
Data							Data Period				
	100.00	Level	(Metres)				1958-05-01	2025-03-05			
	138.00	Valve Dis.	(Cumeecs)				1958-05-27	1990-04-30	97% missing		
	138.01	Valve Dis.	(Cumeecs)				1958-08-01	1990-04-30	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	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	10.90	606.30	0.00	0.00	0.00		1975-08-01	Original			
	10.90	606.30	4.40	0.30	0.35		1980-10-01	Basin survey			
	42.00	642.00	106.75	17.25	17.30		1999-05-15	Basin survey			
Data							Data Period				
	100.00	Level	(Metres)				1997-04-01	1997-06-01			
H2R001	Sanddrifskloof River @ Roode Elsberg				33:26:10	19:34:06	H20D	142	Roode Els Berg Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(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							Data Period				
	100.00	Level	(Metres)				1967-08-01	2025-02-13			
Components							Component Period				
	H2H015	Sanddrifskloof River @ Roode Els Berg					1967-08-01				
	H2E001	De Doorns @ Hexvallei					1968-10-01	1976-07-31			
	H2H014	Outlet Tunnel from Roode Elsberg Dam @ Roode Els Ber					1971-03-16				
	H2E002	Roode Els Berg @ Roode Els Berg Dam					1976-08-01				



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	9
H2R002	Sanddrifskloof River @ Lakenvlei				33:21:60	19:34:51	H20C	82	Lakenvallei Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	0.00	0.00	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					Data Period						
	100.00	Level	(Metres)		1975-07-07		2025-02-12				
	230.09	Level	(m)	Cello primary hg	2013-04-22		2013-07-15				
Components					Component Period						
	H2H016	Sanddrifskloof River @ Lakenvlei					1975-05-01				
	H2E001	De Doorns @ Hexvallei					1975-07-07	1976-08-01			
	H2E002	Roode Els Berg @ Roode Els 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 River @ Poortjies Kloof				33:51:30	20:22:17	H30A	94	Poortjieskloof Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(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		
	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		
	21.65	369.75	102.59	9.72	9.77		2013-04-01	Basin	survey		
Data					Data Period						
	100.00	Level	(Metres)		1957-03-21		2025-01-30				
	230.16	Level	(m)	HYDRAS 3 Satellite	2024-10-27		2025-01-30				
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		



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H3R002	(continued)										
Data	100.00	Level	(Metres)						Data Period 1969-04-07 2025-01-30		
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 @ Draaivlei (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	100.00	Level	(Metres)						Data Period 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 @ Draaivlei							1950-07-06	1974-07-31	
H4R002	Nuy River @ Rheboks Vlake Keerom (Keerom Dam)					33:35:10	19:42:27	H40B	396	Keerom Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(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 2023-01-19	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	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(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	



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H4R003	(continued)										
Data						Data Period					
	100.00	Level	(Metres)			1967-05-16	2025-02-25			11% missing	
	230.09	Level	(m)	Cello primary hg		2018-01-30	2023-11-03			88% missing	
Components						Component Period					
	0023629	Rheboksakraal				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	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(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						Data Period					
	100.00	Level	(Metres)			1975-06-24	2025-03-04				
	230.09	Level	(m)	Cello primary hg		2022-03-09	2022-04-22				
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 Bossievelde @ Doorn Rivier				1985-06-01					
	H4H036	Pipeline to Kelder @ Doorn River				1985-07-01	1990-04-30				
H6R001	Riviersonderend River @ Theewaterskloof					34:04:39	19:17:24	H60C	498	Theewaterskloof Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(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	2025-03-04				
	138.00	Valve Dis.	(Cumeecs)			1980-02-01	1990-04-30				
	230.09	Level	(m)	Cello primary hg		2013-02-27	2013-05-09			39% missing	
Components						Component Period					
	H6H012	Riviersonderend @ Dwarstrek				1980-01-01					
	H6E001	Thee Waters Kloof @ Theewaterskloofdam				1980-01-31					
	G1H055	Wemmershoek Outlet(Great) @ Franschhoek For.Res.				1984-02-01					
	G1H054	Wemmershoek Outlet(Little) @ Franschhoek For.Res.				1986-02-17					
	G1H053	Theewaterskloof Tunnel @ Franschhoek For.Res.				1987-02-21					
	H6H020	Vveboom Irrigation Pipeline @ Thee Waters Kloof				1994-01-01					



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H6R002 Elands River @ Twist Niet (Elandskloof Dam)					33:57:08	19:17:04	H60C	50	Elandskloof Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(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		2024-11-20				
	230.09	Level (m)	Cello primary hg		2022-05-18		2023-06-27	52% missing			
Components							Component Period				
	H6E001	Thee Waters Kloof @ Theewaterskloofdam					1975-05-14				
	H6H017	Right Canal from Verdeelkas @ Twist Niet					1979-05-01				
	H6H015	Elands @ Twist Niet					1980-01-01				
	H6H016	Left Canal from Verdeelkas @ Twist Niet					1981-09-29				
	H6H018	Canal Overflow to Elands River @ Twist Niet					1981-11-08				
H6R003 Waterkloof River @ Zwiendelaars (Zwiendelaars Dam)					34:05:45	19:07:12	H60B	10	Zwiendelaars Dam		
H7R001 Buffeljags River @ Eenzaamheid (Buffeljags Dam)					34:01:07	20:31:58	H70E	614	Buffeljags Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(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				
	10.03	Rainfall (mm.)	Unverified Realtime		2014-01-01		2021-05-05	1% missing			
	10.55	Rainfall (mm.)	HYDRAS 3 (realtime)		2020-11-01		2025-04-09				
	100.00	Level (Metres)			1967-01-10		2025-03-12				
	815.70	Temp (Deg C)	Raw logger data		2017-12-06		2025-04-09				
Components							Component Period				
	H7H013	Buffeljags River @ Eenzaamheid					1967-01-10				
	H7H011	Irrigation Pipeline (Servitude) @ Eenzaamheid					1970-01-10				
	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 @ Kliphoogte (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			



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H8R001	(continued)									
Data								Data Period		
	10.03	Rainfall	(mm.)	Unverified	Realtime			2014-01-04	2021-05-06	1% missing
	10.55	Rainfall	(mm.)	HYDRAS 3	(realtime)			2020-11-02	2025-04-09	
	100.00	Level	(Metres)					1963-10-19	2025-03-12	
	815.70	Temp	(Deg C)	Raw logger	data			2014-01-01	2025-04-09	
Components								Component Period		
	0009783	BLACKDOWN						1963-10-19	1979-03-23	
	H9E001	Riversdal						1963-10-19	1979-08-23	
	H8H003	Duiwenhoks	River @ Kliphoogte					1964-01-21		
	H8E001	Kliphoogte	@ 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								Data Period		
	10.03	Rainfall	(mm.)	Unverified	Realtime			2014-01-01	2021-05-05	1% missing
	10.55	Rainfall	(mm.)	HYDRAS 3	(realtime)			2020-11-01	2025-04-10	
	100.00	Level	(Metres)					1966-03-24	2025-03-13	
Components								Component Period		
	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 (Prinsrivier Dam)				33:31:01	20:45:10	J12G	757	Prinsrivier Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(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	



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 14
J1R001	(continued)									
Data								Data Period		
	10.55	Rainfall (mm.)	HYDRAS 3 (realtime)					2014-04-15	2015-11-16	56% missing
	100.00	Level (Metres)						1926-01-26	2025-03-26	1% missing
	360.00	E01: Res inflow (Ml)						1926-02-04	1985-08-20	6% missing
	815.70	Temp (Deg C)	Raw logger data					2016-08-17	2025-03-26	
Components								Component Period		
	0025599	Strawberry Hill - Bos						1916-03-01	1924-12-31	
	0025484	Platdrift						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	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(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 (realtime)					2014-03-15	2015-11-16	54% missing
	100.00	Level (Metres)						1926-01-30	2025-03-26	5% missing
	360.00	E01: Res inflow (Ml)						1926-02-01	2009-02-26	100% missing
	815.70	Temp (Deg C)	Raw logger data					2017-01-26	2025-03-26	
Components								Component Period		
	J1H026	Bifurcation Box @ Overflow Zandfontein						1926-01-30		
	J1H024	Left Canal from Bifurcation Box @ Zandfontein						1942-10-24		
	J1H025	Right Canal from Bifurcation 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			1956-11-01	Original	
	21.96	598.32	786.90	62.77	62.77			1964-10-01	Basin survey	
	21.96	598.32	773.10	59.02	59.02			1976-10-01	Basin survey	
	21.96	598.32	744.30	51.71	51.71			1981-02-01	Basin survey	
	21.96	598.32	758.94	50.26	50.26			1992-06-01	Basin survey	
	21.96	598.32	751.95	48.27	48.27			2009-07-01	Basin survey	
	21.96	598.32	751.52	46.64	46.64			2022-10-01	Basin survey	



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J1R003	(continued)									
Data								Data Period		
	10.03	Rainfall	(mm.)	Unverified	Realtime			2014-04-15	2021-05-31	13% missing
	10.55	Rainfall	(mm.)	HYDRAS	3 (realtime)			2020-11-02	2025-02-10	
	100.00	Level	(Metres)					1956-11-22	2025-03-26	1% missing
	138.00	Valve Dis.	(Cumecs)					1956-11-18	1980-10-01	
	to									
	138.09	Valve Dis.	(Cumecs)					1956-11-18	1980-10-01	
	815.70	Temp	(Deg C)	Raw logger	data			2020-04-01	2025-03-26	
Components								Component Period		
	0045857	Floriskraaldam						1956-11-17	1961-07-31	
	J1E001	Laingsburg						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 (Miertjieskraal Dam)				33:49:44	21:07:59	J12M	251	Miertjieskraal 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			1977-01-19	Original	
	11.20	310.25	24.76	1.56	1.61			1979-05-25	A01 - Adjusted	
	11.20	310.25	24.76	1.52	1.53			1992-10-01	Basin survey	
	11.21	310.26	24.78	1.43	1.43			2017-04-01	Basin survey	
Data								Data Period		
	10.03	Rainfall	(mm.)	Unverified	Realtime			2014-01-01	2021-05-20	
	10.55	Rainfall	(mm.)	HYDRAS	3 (realtime)			2020-11-01	2025-03-25	
	100.00	Level	(Metres)					1977-01-19	2025-03-25	
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	Papkuilfontein @ 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		
	10.03	Rainfall	(mm.)	Unverified	Realtime			2014-04-15	2021-05-28	56% missing
	10.55	Rainfall	(mm.)	HYDRAS	3 (realtime)			2020-11-02	2025-03-24	
	100.00	Level	(Metres)					1919-08-22	2025-02-24	10% missing
	815.70	Temp	(Deg C)	Raw logger	data			2019-03-01	2025-03-24	



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J2R001	(continued)									
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	2101	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			
	10.97	613.56	414.43	13.41	13.41	2022-10-01	Basin survey			
Data							Data	Period		
	10.03	Rainfall (mm.)	Unverified	Realtime			2014-01-01	2021-05-26		
	10.55	Rainfall (mm.)	HYDRAS 3	(realtime)			2020-11-02	2025-03-25		
	100.00	Level (Metres)					1958-10-22	2025-02-26		
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			
	J2H014	Canal from Main Canal @ Stinkfontein					1980-10-09			
J2R003	Cordiers River @ Bavianskloof (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			
	19.77	665.09	62.18	4.26	4.26	2018-10-01	Basin survey			
Data							Data	Period		
	10.03	Rainfall (mm.)	Unverified	Realtime			2014-01-01	2021-06-13		
	10.55	Rainfall (mm.)	HYDRAS 3	(realtime)			2020-11-02	2025-02-10		
	100.00	Level (Metres)					1931-01-25	2025-02-26		
	815.70	Temp (Deg C)	Raw logger	data			2019-01-28	2025-03-25		



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J2R003	(continued)									
Components							Component	Period		
	20981231						1930-09-14			
	J2H015	Right Canal from Dam @ Bavianskloof					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		
	10.03	Rainfall (mm.)	Unverified	Realtime			2016-05-20	2021-06-14	50% missing	
	10.55	Rainfall (mm.)	HYDRAS 3	(realtime)			2020-11-02	2025-02-10		
	100.00	Level (Metres)					1958-10-01	2025-02-27	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			
J2R005	Stols River @ Klipbanksfontein (Stolsrivier Dam)				32:25:35	22:27:59	J21A	78	Stolsrivier Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	10.58	777.24	0.00	0.00	0.00		1926-06-01	Original		
Data							Data	Period		
	100.00	Level (Metres)					1926-06-01	1955-08-31		
Components							Component	Period		
	J2H017	Canal from Stols- Rivier Dam @ Klipbanksfontein					1926-02-07	1955-08-31		
J2R006	Gamka River @ Spek Boom Berg (Gamkapoort Dam)				33:18:33	21:38:03	J24F	17090	Gamkapoort Dam	

Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 18
J2R006	(continued)									
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(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							Data Period			
	10.03	Rainfall (mm.)	Unverified	Realtime			2019-03-28		2021-05-31	
	10.55	Rainfall (mm.)	HYDRAS 3	(realtime)			2020-11-02		2025-02-10	
	100.00	Level (Metres)					1970-08-28		2025-03-26	
	815.70	Temp (Deg C)	Raw logger	data			2019-01-14		2025-03-26	
	815.71	Temp (Deg C)					2014-05-28		2020-12-09	
Components							Component Period			
	J2H016	Gamka River @ Spek Boom Berg					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	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(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							Data Period			
	100.00	Level (Metres)					1926-01-28		1958-09-30	3% missing
Components							Component Period			
	J2H027	Canal from Dam @ Stinkfontein					1920-03-01		1958-09-30	
	J2E002	Stinkfontein @ Leeu-Gamka Dam					1926-01-29		1958-09-30	
J2R008	Tributary of Seweweekspoort River @ Tierkloof Dam					33:26:15 21:24:45	J25B	15	Tierkloof Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	14.24	632.55	0.66	0.03	0.03		2015-04-29		Basin survey	
Data							Data Period			
	100.00	Level (Metres)					2015-04-29		2025-03-19	
	815.70	Temp (Deg C)	Raw logger	data			2015-07-10		2025-03-19	
	815.71	Temp (Deg C)					2015-04-29		2025-03-19	



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J3R001	Kammanassie River @ Kammanassie (Kammanassie Dam)				33:38:38	22:24:31	J34E	1525	Kammanassie Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(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			
	10.03	Rainfall (mm.)	Unverified	Realtime			2014-01-01	2021-05-24		
	10.55	Rainfall (mm.)	HYDRAS 3	(realtime)			2020-11-02	2025-03-26		
	100.00	Level (Metres)					1922-05-01	2025-02-25	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 (Stompdrift Dam)				33:30:42	22:35:08	J33B	5224	Stompdrift Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(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			
	10.03	Rainfall (mm.)	Unverified	Realtime			2014-01-01	2021-05-28		
	10.55	Rainfall (mm.)	HYDRAS 3	(realtime)			2020-11-02	2025-04-09		
	100.00	Level (Metres)					1963-11-19	2025-02-28		
	138.00	Valve Dis. (Cumeecs)					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 Stompdrift Dam @ Doornkraal					1963-11-19			
	J3H031	Le Roux Pipeline @ Doornkraal					1963-11-19			
	J3E003	Farm 67 @ Stompdrift Dam					1968-05-01			



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 20
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 @ Stompdrift 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 @ Hartebeestkuil (Hartebeestkuil Dam)				34:05:47	22:00:27	K10B	97	Hartebeestkuil 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	2025-03-11		
	815.70	Temp	(Deg C)	Raw logger data			2020-04-01	2025-04-08		
Components							Component Period			
	K1H017	Hartenbos River @ Hartebeestkuil					1970-03-01			
	415EL1						1970-03-18	1970-12-01		
	K1E001	Hartbeeskuil @ Hartbeeskuil Dam					1970-11-09	1993-07-01		
	K1E003	Hartbeeskuil @ Streeks Sewagewks.					1993-07-01			
K1R002	Tributary of Hartenbos River @ Rheebofontein				34:03:15	22:08:22	K10F	11	Klipheuwel Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	18.68	29.50	46.88	4.45	4.47		2010-06-01	Basin survey		
Data							Data Period			
	10.03	Rainfall	(mm.)	Unverified Realtime			2014-01-01	2021-05-04		
	10.55	Rainfall	(mm.)	HYDRAS 3 (realtime)			2020-11-01	2025-04-08		
	100.00	Level	(Metres)				2012-01-02	2025-02-11		
Components							Component Period			
	K1H014	Little Brak Purification Works @ Klipheuwel					1985-07-25	1985-07-25		



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 21
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										
	10.03	Rainfall (mm.)	Unverified	Realtime			2014-01-01	2021-05-31	12% missing	
	10.55	Rainfall (mm.)	HYDRAS 3 (realtime)				2020-11-02	2024-10-08		
	100.00	Level (Metres)					1958-06-12	2025-03-10	4% missing	
	815.70	Temp (Deg C)	Raw logger data				2020-04-01	2025-04-07		
Components										
	0028415	Jonkersberg - Bos					1958-06-12			
	K2H005	Right Pipeline from Dam @ Klein Bosch					1958-06-12			
	K2H009	Great-Brak River @ Brakriviers Spruiten					1958-06-12	1972-04-30		
	K1E001	Hartebeeskuil @ Hartebeeskuil Dam					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	98.00	116.90	25.10	25.47		1990-04-18	Original		
	52.70	98.00	117.08	24.63	24.86		2011-10-01	Basin survey		
Data										
	10.03	Rainfall (mm.)	Unverified	Realtime			2015-05-01	2021-05-03		
	10.55	Rainfall (mm.)	HYDRAS 3 (realtime)				2020-11-01	2025-01-20		
	100.00	Level (Metres)					1990-04-18	2025-03-10		
Components										
	K2E001	Voorburg @ Wolwedans Dam					1990-04-18			
	K2H006	Great-Brak River @ Voorburg					1992-03-04			
	K2H010	Pipeline from Wolwedans Dam @ Great Brak River					1992-06-01			
	K1H019	Pipeline from Wolwedans Dam @ Little Brak River					1993-02-01			
K3R001	Swart River @ Cradocks Berg George (Swart River Dam)				33:54:47	22:29:38	K30C	10	Swart River Dam	
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		
	31.85	182.47	101.27	12.42	12.47		2020-01-01	Spillway Raised		
Data										
	10.03	Rainfall (mm.)	Unverified	Realtime			2014-01-01	2021-05-14		
	10.55	Rainfall (mm.)	HYDRAS 3 (realtime)				2020-11-02	2025-04-11		
	100.00	Level (Metres)					1984-08-10	2025-03-14		
	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	2025-04-11		



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Station						Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 22
K3R002	(continued)										
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	2025-03-10	
	815.70	Temp	(Deg C)	Raw logger data					2014-01-01	2025-04-11	
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	2025-03-10	
	815.70	Temp	(Deg C)	Raw logger data					2014-01-01	2025-04-07	
K3R005	Onder-Lang Vlei @ Klein Krantz					33:59:24	22:38:06	K30D	0		
Data									Data Period		
	100.00	Level	(Metres)						1977-03-08	2025-03-10	1% missing
	815.70	Temp	(Deg C)	Raw logger data					2014-01-01	2025-04-11	
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	2025-03-10	2% missing
	815.70	Temp	(Deg C)	Raw logger data					2020-04-01	2025-04-07	
K4R002	Swartvlei @ Ronde Valley Hoogekraal					33:59:26	22:44:17	K40D	0		
Data									Data Period		
	100.00	Level	(Metres)						1977-03-01	2025-03-10	
	815.70	Temp	(Deg C)	Raw logger data					2014-01-01	2025-04-07	
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		



Station		Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 23
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	
	10.03	Rainfall (mm.)	Unverified	Realtime		2014-01-01	2021-06-09
	10.55	Rainfall (mm.)	HYDRAS 3	(realtime)		2020-11-02	2025-02-10
	100.00	Level (Metres)				1995-10-11	2025-03-11
	815.70	Temp (Deg C)	Raw logger	data		2014-01-01	2025-04-09
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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Bellair Dam J1R002	14
Berg River Dam G1R004	4
Bo- Lang Vlei K3R004	22
Bot River Wetlands G4R003	6
Brandvlei Dam H1R001	7
Buffeljags Dam H7R001	12
Bulshoek Dam E1R001	1
Calitzdorp Dam J2R001	15
Ceres Dam H1R003	8
Clanwilliam Dam E1R002	1
De Bos Dam G4R010	7
De Hoop Wetland G5R001	7
Duiwenhoks Dam H8R001	12
Eikenhof Dam G4R002	5
Elandskloof Dam H6R002	12
Ernest Robertson Dam K2R001	21
Floriskraal Dam J1R003	14
Gamka Dam J2R004	17
Gamkapoort Dam J2R006	17
Garden Route Dam K3R002	21
Groenvlei K4R001	22
Hartebeestkuil Dam K1R001	20
Kammanassie Dam J3R001	19
Karee Dam E4R001	2
Keerom Dam H4R002	30
Klein River Wetland G4R004	6
Kleinmond-Mond G4R012	7
Kleinplaas Dam G2R001	4
Klipberg Dam H4R003	10
Klipheuwel Dam K1R002	20
Knysna Lagoon K5R001	23
Kogelberg Dam G4R006	6
Koos Raubenheimer Da J3R003	20
Korentepoort Dam H9R001	13
Kwaggaskloof Dam H4R004	11
Lakenvlei Dam H2R002	9
Leeugamka Dam J2R002	16
Miertjieskraal Dam J1R004	15
Misverstand Dam G1R003	3
Moordkuil Dam H4R001	10
Onder-Lang Vlei K3R005	22
Onrus River Wetland G4R011	7
Ou Leeugamka Dam J2R007	18
Oukloof Dam J2R003	16
Palmiet River G4R009	7
Pietersfontein Dam H3R002	9
Poortjieskloof Dam H3R001	9
Prinsrivier Dam J1R001	13
Rockview Dam G4R008	6
Rondevlei K3R003	22
Roode Els Berg Dam H2R001	8
Roodefontein Dam K6R001	23
Sedgefield Lagoon K4R003	22
Steenbras Dam-Lower G4R001	5
Steenbras Dam-Upper G4R007	6
Stettynskloof Dam H1R002	8
Stolsrivier Dam J2R005	17
Stompdrift Dam J3R002	19
Swart River Dam K3R001	21
Swartvlei K4R002	22
Theewaterskloof Dam H6R001	11
Tierkloof Dam J2R008	18
Touws River Estuary K3R006	22
Verlorevlei G3R001	5
Voelvlei Dam G1R001	2

Wadrihtsoutpan	G3R002	5
Wemmershoek	Dam G1R002	3
Wolwedans	Dam K2R002	21
Zwiegelaars	Dam H6R003	12