

SURFACE WATER SYSTEM

WEEKLY DAM BULLETIN

Date of this bulletin: 23/01/2023

Date of last bulletin: 16/01/2023

NAME OF RESERVOIR	Full Supply		Lowest Abstraction				Present Water Stage (AMSL)	Present Volume (Mm ³)	Present % of Full Capacity	Change Since Last Bulletin (Mm ³)	Volume One Week Ago (Mm ³)	% of Full Capacity One Week Ago	Volume Last Season (Mm ³)	% Last Season	Weekly Rainfall (mm)
	Level (AMSL)	Capacity (Mm ³)	Level Irrigation (AMSL)	Capacity Irrigation (Mm ³)	Level (AMSL)	Capacity (Mm ³)									
*SWAKOPPOORT DAM	1135.00	63.489	N/A	N/A	1119.60	2.926	1132.60	46.845	73.8	0.855	45.990	72.4	50.325	79.3	4.0
VON BACH DAM	1350.00	47.525	N/A	N/A	1331.27	3.491	1340.05	14.267	30.0	-0.239	14.506	30.5	22.216	46.7	12
**OMATAKO DAM	1359.00	43.499	N/A	N/A	1353.20	4.073	1350.79	0.465	1.1	0.304	0.161	0.4	17.002	39.1	8
SUB-TOTAL CENTRAL		154.513				10.490		61.577	39.9	0.920	60.657	39.3	89.543	58.0	
FRIEDENAU DAM	1649.21	6.723	N/A	N/A	1633.50	0.391	1647.02	5.070	75.4	0.080	4.990	74.2	5.877	87.4	
GOREANGAB DAM	1585.31	3.621	N/A	N/A	1574.31	0.010	1585.37	3.677	101.5	0.093	3.584	99.0	3.649	100.8	N/A
SUB-TOTAL WINDHOEK		10.344				0.401		8.747	84.6	0.173	8.574	82.9	9.5260	92.1	
SUB-TOTAL CAN		164.857				10.891		70.324	42.7	1.093	69.231	42.0	99.069	60.1	
***OTJIVERO MAIN DAM	1575.50	9.808	N/A	N/A	1561.15	0.066	1567.80	1.897	19.3	-0.033	1.930	19.7	4.045	41.2	
OTJIVERO SILT DAM	1576.00	7.795	N/A	N/A	1568.98	0.096	1568.68	0.073	0.9	0.002	0.071	0.9	0.321	4.1	
TILDA VILJOEN DAM	1436.04	1.224	N/A	N/A	1425.71	0.028	1430.75	0.430	35.1	-0.016	0.446	36.4	0.531	43.4	12
DAAN VILJOEN DAM	1432.22	0.429	N/A	N/A	1426.00	0.000	1430.00	0.121	28.1	-0.008	0.129	30.0	0.206	48.0	
SUB-TOTAL GOBABIS		19.256				0.190		2.521	13.1	-0.055	2.576	13.4	5.103	26.5	
HARDAP DAM	1135.00	294.593	1118.46	18.952	1114.80	4.299	1128.38	137.584	46.7	-3.236	140.820	47.8	207.982	70.6	
NECKARTAL DAM	787.50	857.420	745.00	48.640	730.00	2.590	785.90	799.195	93.2	-3.639	802.834	93.6	849.400	99.1	
NAUTE DAM	732.00	83.580	N/A	N/A	711.30	1.320	729.84	62.101	74.3	-0.775	62.876	75.2	85.093	101.8	
OANOBO DAM	1453.00	34.505	N/A	N/A	1424.50	0.417	1448.92	22.485	65.2	0.048	22.437	65.0	26.437	76.6	40
DREIHUK DAM	895.00	15.493	N/A	N/A	884.13	0.206	886.00	0.632	4.1	-0.090	0.722	4.7	2.807	18.1	
BONDELS DAM	947.56	1.103	N/A	N/A	944.70	0.007	empty	0.000	0.0	0.000	0.000	0.0	0.052	4.7	
SUB-TOTAL SOUTH		1286.694				8.839		1021.997	79.4	-7.692	1029.689	80.0	1171.771	91.1	
OLUSHANDJA DAM	1106.02	45.641	N/A	N/A	1103.00	1.258	1104.03 e	7.154	15.7	0.510	6.644 e	14.6	6.834	15.0	N/A
OMARURU DELTA DAM	262.20	35.203	N/A	N/A	242.96	0.000	empty	0.000	0.000	0.000	0.000	0.000	0.000	0.0	N/A
OMATJENNE DAM	1362.92	5.063	N/A	N/A	n/a	0.000	empty	0.000	0.000	0.000	0.000	0.000	0.000	0.0	N/A
TOTAL		1556.714				21.178		1101.996	70.8	-6.144	1108.140	71.2	1282.777	82.4	

A blank space or an (NR) indicates no readings received.

An (e) indicates that the water level has been estimated.

An (w) indicates that the conditions were very windy, resulting in an inaccurate reading.

Omatjenne Dam does not have abstraction facilities.

The dam contents are according to the latest dam basin surveys.

The inflow that is reflected in the bulletin does not take into account evaporation and abstraction of water.

An (N/A) indicates that there is no rain gauge at the dam.

*Transfer from Swakoppoort to Von Bach Dam took place, pump trapped on 19.01.2023 and resumed 23.01.2023 at 09:30.

**Transfer from Omatako to Von Bach Dam took place with one small pump.

***Transferred from Daan to Tilda Viljoen took place.