

## SURFACE WATER SYSTEM

### WEEKLY DAM BULLETIN

Date of this bulletin: 21/11/2022

Date of last bulletin: 14/11/2022

NAME OF RESERVOIR	Full Supply		Lowest Abstraction				Present Water Stage (AMSL)	Present Volume (Mm <sup>3</sup> )	Present % of Full Capacity	Change Since Last Bulletin (Mm <sup>3</sup> )	Volume One Week Ago (Mm <sup>3</sup> )	% of Full Capacity One Week Ago	Volume Last Season (Mm <sup>3</sup> )	% Last Season	Weekly Rainfall (mm)
	Level (AMSL)	Capacity (Mm <sup>3</sup> )	Level Irrigation (AMSL)	Capacity Irrigation (Mm <sup>3</sup> )	Level (AMSL)	Capacity (Mm <sup>3</sup> )									
*SWAKOPPOORT DAM	1135.00	63.489	N/A	N/A	1119.60	2.926	1133.02	49.485	77.9	-0.257	49.742	78.3	50.456	79.5	
VON BACH DAM	1350.00	47.525	N/A	N/A	1331.27	3.491	1341.54	17.511	36.8	-0.479	17.990	37.9	23.115	48.6	1
**OMATAKO DAM	1359.00	43.499	N/A	N/A	1353.20	4.073	1350.76	0.440	1.0	-0.149	0.589	1.4	23.924	55.0	
<b>SUB-TOTAL CENTRAL</b>		<b>154.513</b>				<b>10.490</b>		<b>67.436</b>	<b>43.6</b>	<b>-0.885</b>	<b>68.321</b>	<b>44.2</b>	<b>97.495</b>	<b>63.1</b>	
FRIEDENAU DAM	1649.21	6.723	N/A	N/A	1633.50	0.391	1647.38	5.317	79.1	-0.028	5.345	79.5	5.416	80.6	
GOREANGAB DAM	1585.31	3.621	N/A	N/A	1574.31	0.010	1585.26	3.575	98.7	-0.028	3.603	99.5	3.575	98.7	N/A
<b>SUB-TOTAL WINDHOEK</b>		<b>10.344</b>				<b>0.401</b>		<b>8.892</b>	<b>86.0</b>	<b>-0.056</b>	<b>8.948</b>	<b>86.5</b>	<b>8.991</b>	<b>86.9</b>	
<b>SUB-TOTAL CAN</b>		<b>164.857</b>				<b>10.891</b>		<b>76.328</b>	<b>46.3</b>	<b>-0.941</b>	<b>77.269</b>	<b>46.9</b>	<b>106.486</b>	<b>64.6</b>	
OTJIVERO MAIN DAM	1575.50	9.808	N/A	N/A	1561.15	0.066	1568.45	2.273	23.2	-0.030	2.303	23.5	4.278	43.6	
***OTJIVERO SILT DAM	1576.00	7.795	N/A	N/A	1568.98	0.096	1569.19	0.114	1.5	-0.001	0.115	1.5	0.391	5.0	2
****TILDA VILJOEN DAM	1436.04	1.224	N/A	N/A	1425.71	0.028	1431.55	0.527	43.1	-0.025	0.552	45.1	0.634	51.8	2
DAAN VILJOEN DAM	1432.22	0.429	N/A	N/A	1426.00	0.000	1430.55	0.166	38.7	-0.005	0.171	39.9	0.232	54.1	
<b>SUB-TOTAL GOBABIS</b>		<b>19.256</b>				<b>0.190</b>		<b>3.080</b>	<b>16.0</b>	<b>-0.061</b>	<b>3.141</b>	<b>16.3</b>	<b>5.535</b>	<b>28.7</b>	
HARDAP DAM	1135.00	294.593	1118.46	18.952	1114.80	4.299	1129.40	157.566	53.5	-2.033	159.599	54.2	149.566	50.8	
NECKARTAL DAM	787.50	857.420	745.00	48.640	730.00	2.590	786.43	818.481	95.5	-2.548	821.029	95.8			
NAUTE DAM	732.00	83.580	N/A	N/A	711.30	1.320	730.62	69.088	82.7	-0.859	69.947	83.7	72.198	86.4	
OANOBO DAM	1453.00	34.505	N/A	N/A	1424.50	0.417	1449.56	24.077	69.8	-0.205	24.282	70.4	27.476	79.6	
DREIHUK DAM	895.00	15.493	N/A	N/A	884.13	0.206	886.86	0.990	6.4	-0.036	1.026	6.6	3.219	20.8	
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	0.040	3.6	
<b>SUB-TOTAL SOUTH</b>		<b>1286.694</b>				<b>8.839</b>		<b>1070.202</b>	<b>83.2</b>	<b>-5.681</b>	<b>1075.883</b>	<b>83.6</b>	<b>252.499</b>	<b>58.8</b>	
OLUSHANDJA DAM	1106.02	45.641	N/A	N/A	1103.00	1.258	1103.70	4.331	9.5	0.000	4.331	9.1	5.551	12.2	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
<b>TOTAL</b>		<b>1556.714</b>				<b>21.178</b>		<b>1153.941</b>	<b>74.1</b>	<b>-6.683</b>	<b>1160.624</b>	<b>74.5</b>	<b>370.071</b>	<b>52.9</b>	

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 stopped on 24 Sept 2022.

\*\*Transfer from Omatako to Von Bach Dam took place with small pumps.

\*\*\*Since 18 July 2022, water was being transferred from Otjivero Main to Tilda Viljoen.