

## SURFACE WATER SYSTEM

### WEEKLY DAM BULLETIN

Date of this bulletin: 19/09/2022

Date of last bulletin: 12/09/2022

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	1133.49	52.577	82.8	-0.405	52.982	83.5	54.349	85.6	
VON BACH DAM	1350.00	47.525	N/A	N/A	1331.27	3.491	1343.25	21.917	46.1	-0.381	22.298	46.9	27.181	57.2	
**OMATAKO DAM	1359.00	43.499	N/A	N/A	1353.20	4.073	1352.42	2.327	5.3	-0.215	2.542	5.8	31.188	71.7	
<b>SUB-TOTAL CENTRAL</b>		<b>154.513</b>				<b>10.490</b>		<b>76.821</b>	<b>49.7</b>	<b>-1.001</b>	<b>77.822</b>	<b>50.4</b>	<b>112.718</b>	<b>73.0</b>	
FRIEDENAU DAM	1649.21	6.723	N/A	N/A	1633.50	0.391	1647.75	5.581	83.0	-0.015	5.596	83.2	5.727	85.2	
GOREANGAB DAM	1585.31	3.621	N/A	N/A	1574.31	0.010	1585.19	3.512	97.0	-0.009	3.521	97.2	3.630	100.2	N/A
<b>SUB-TOTAL WINDHOEK</b>		<b>10.344</b>				<b>0.401</b>		<b>9.093</b>	<b>87.9</b>	<b>-0.024</b>	<b>9.117</b>	<b>88.1</b>	<b>9.357</b>	<b>90.5</b>	
<b>SUB-TOTAL CAN</b>		<b>164.857</b>				<b>10.891</b>		<b>85.914</b>	<b>52.1</b>	<b>-1.025</b>	<b>86.939</b>	<b>52.7</b>	<b>122.075</b>	<b>74.0</b>	
OTJIVERO MAIN DAM	1575.50	9.808	N/A	N/A	1561.15	0.066	1569.15	2.727	27.8	-0.105	2.832	28.9	4.743	48.4	
OTJIVERO SILT DAM	1576.00	7.795	N/A	N/A	1568.98	0.096	1569.53	0.151	1.9	-0.005	0.156	2.0	0.612	7.9	
***TILDA VILJOEN DAM	1436.04	1.224	N/A	N/A	1425.71	0.028	1431.90	0.571	46.7	0.032	0.539	44.0	0.802	65.5	
DAAN VILJOEN DAM	1432.22	0.429	N/A	N/A	1426.00	0.000	1430.80	0.200	46.6	-0.006	0.206	48.0	0.267	62.2	
<b>SUB-TOTAL GOBABIS</b>		<b>19.256</b>				<b>0.190</b>		<b>3.649</b>	<b>18.9</b>	<b>-0.084</b>	<b>3.733</b>	<b>19.4</b>	<b>6.424</b>	<b>33.4</b>	
HARDAP DAM	1135.00	294.593	1118.46	18.952	1114.80	4.299	1130.30	176.366	59.9	-2.158	178.524	60.6	170.820	58.0	
****NECKARTAL DAM	787.50	857.420	745.00	48.640	730.00	2.590	786.80	831.945	97.0	-0.728	832.673	97.1	825.540	96.3	
NAUTE DAM	732.00	83.580	N/A	N/A	711.30	1.320	731.20	74.838	89.5	-0.519	75.357	90.2	74.838	89.5	
OANOBA DAM	1453.00	34.505	N/A	N/A	1424.50	0.417	1450.14	25.594	74.2	-0.134	25.728	74.6	29.712	86.1	
DREIHUK DAM	895.00	15.493	N/A	N/A	884.13	0.206	887.43	1.313	8.5	-0.032	1.345	8.7	4.168	26.9	
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	0.000	0.0	
<b>SUB-TOTAL SOUTH</b>		<b>1286.694</b>				<b>8.839</b>		<b>1110.056</b>	<b>86.3</b>	<b>-3.571</b>	<b>1113.627</b>	<b>86.5</b>	<b>1105.078</b>	<b>85.9</b>	
OLUSHANDJA DAM	1106.02	45.641	N/A	N/A	1103.00	1.258	1103.95 e	6.074	13.3	0.000	6.074	13.9	8.247	18.1	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>1205.693</b>	<b>77.5</b>	<b>-4.680</b>	<b>1210.373</b>	<b>77.8</b>	<b>1241.824</b>	<b>79.8</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 started on 18 Aug 2022.

\*\*Transfer from Omatako Dam stopped on 05 Sept 2022.

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