

HYDROLOGICAL SERVICES NAMIBIA

DAILY FLOOD BULLETIN

31 January 2024

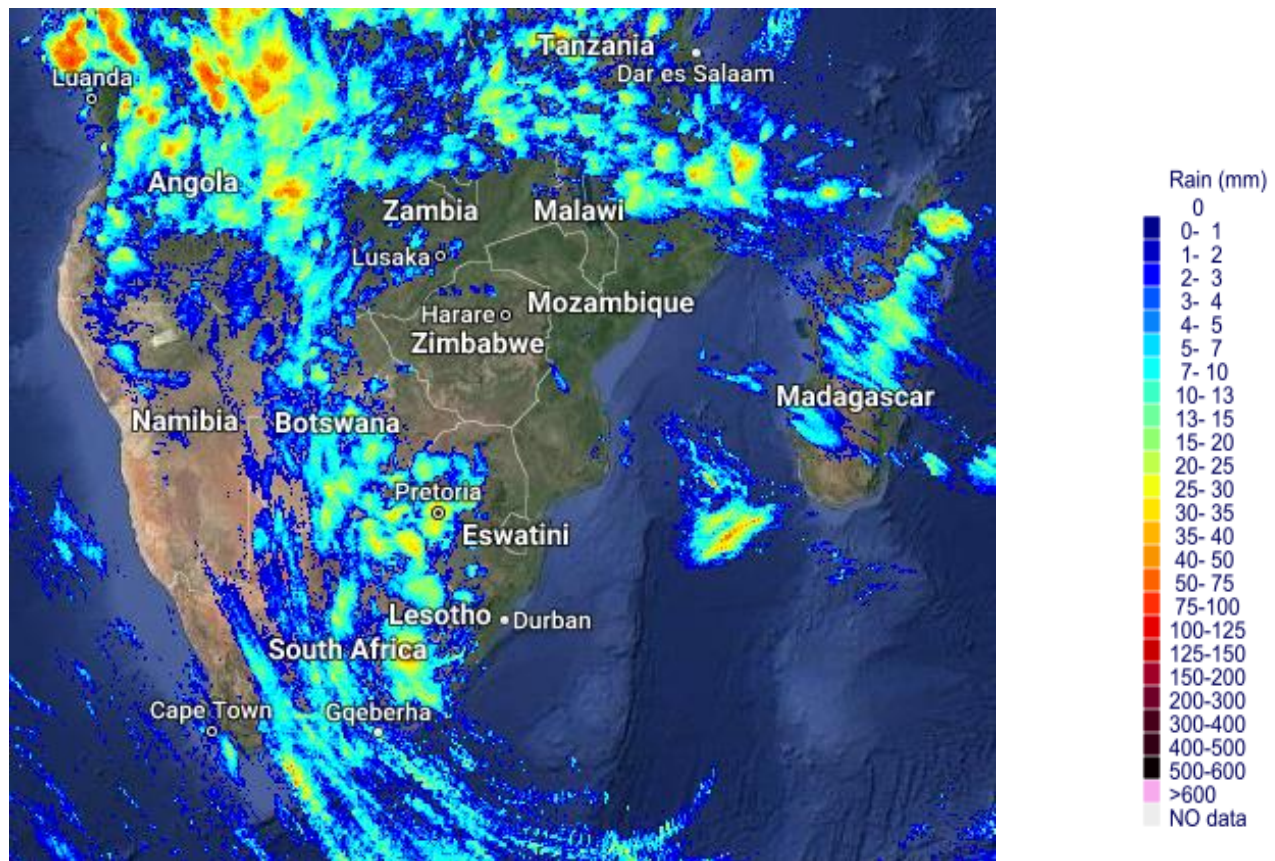
Private Bag 13184, Ministry of Agriculture, Water and Land Reform, Government Office Park, Namibia

Rainfall

Satellite images over the past 24 hours indicate scattered showers over the northeastern and northwestern parts of the country.

CHRS iRain-rainfall accumulation for the past 24 hours preceding 08h00 on 31.01.2024

<http://irain.eng.uci.edu/>



Enquiries: Ms. Pauline Mufeti, Tel: (+264) 208 7191, Fax: (+264) 208 7256

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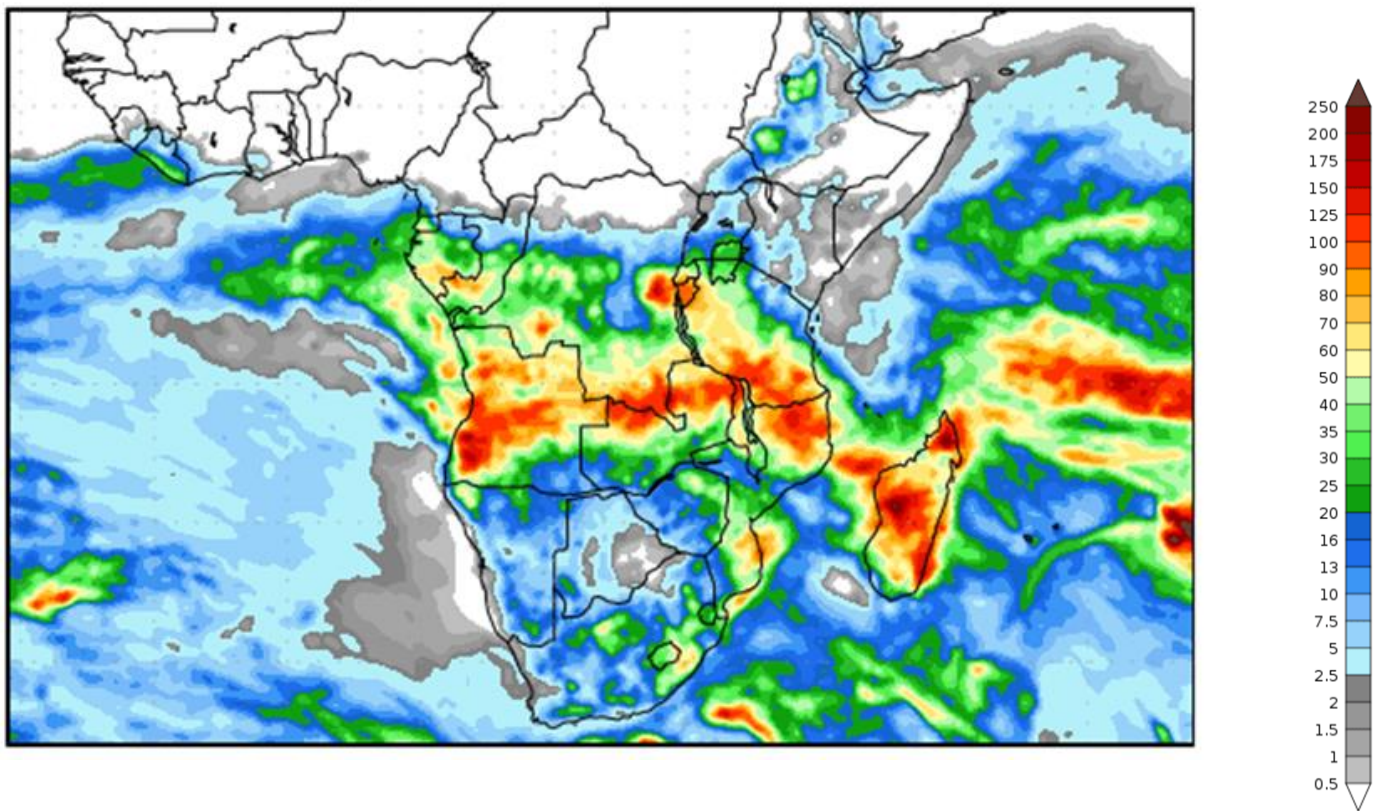
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Observe the rainfall forecast in the figure below from the National Centers for Environmental Prediction, Outlook for Africa-GrADS/COLA, 31 January – 08 February 2024.



Light to moderate showers are expected over most parts of the country, while heavy rains can be expected in the far northwestern part of the country during the period of 31 January – 08 February 2024.

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River Updates

The Zambezi River at Katima Mulilo recorded a water level of 1.48m this morning.

The Okavango River level at Rundu recorded a slight decrease from 5.93m yesterday to 5.83m this morning. The present water level is higher than the same time last year (4.91m).

The Lower Orange River level at Blouputs and Sendelingsdrift has recorded 1.45m and 1.94m respectively this morning.

The Kunene River at Ruacana recorded a flow of 317.7m³/s this morning.

See the figures in the table below with today's river level readings from our gauging stations and site informants:

River	Site	One Week before	One day before	Today	Last Year
		24-Jan-24	30-Jan-24	31-Jan-24	31-Jan-23
Zambezi	Katima Mulilo	1.43	1.47	1.48	1.69
Chobe	Chobe Water Villa	-	-	-	-
	Ngoma Gate	-	-	-	-
Kwando	Kongola	2.04	1.98	2.00	2.66
Okavango	Nkurenkuru	3.32	2.84	2.82	2.82
	Rundu	5.86	5.93	5.83	4.91
	Divundu	3.37	3.54	3.57	2.91
Kuisseb	Gobabeb	-	-	-	-
	Schleslen	-	-	-	-
Gaub	Greylingshof	-	-	-	-
Fish/Orange	Seeheim	-	-	-	-
	Tses	-	-	-	-
	Ai-Ais	-	-	-	-
	Blouputs (*)	-	1.56	1.45	-
	Sendelingsdrift (*)	-	1.99	1.94	-
Cuvelai	Shanalumono	-	-	-	-
	Endola	-	-	-	-
	Shahaingu	-	-	-	-
	Engela	-	-	-	-
Kunene	Ruacana Flows (m ³ /s (=))	324.90	322.10	317.7	275.1

(-) no reading/ station down/negative reading (=) information by courtesy NamPower (*) information by courtesy South Africa



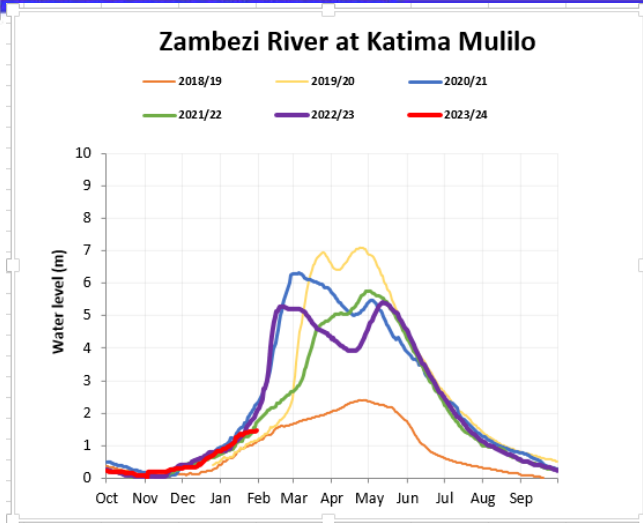
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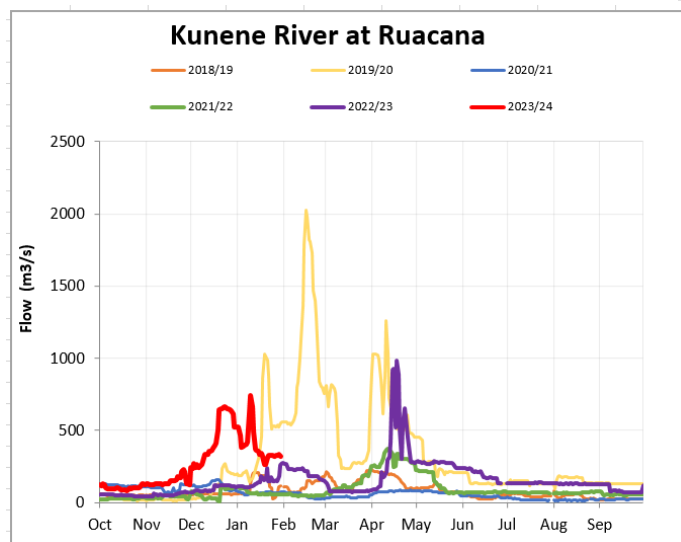
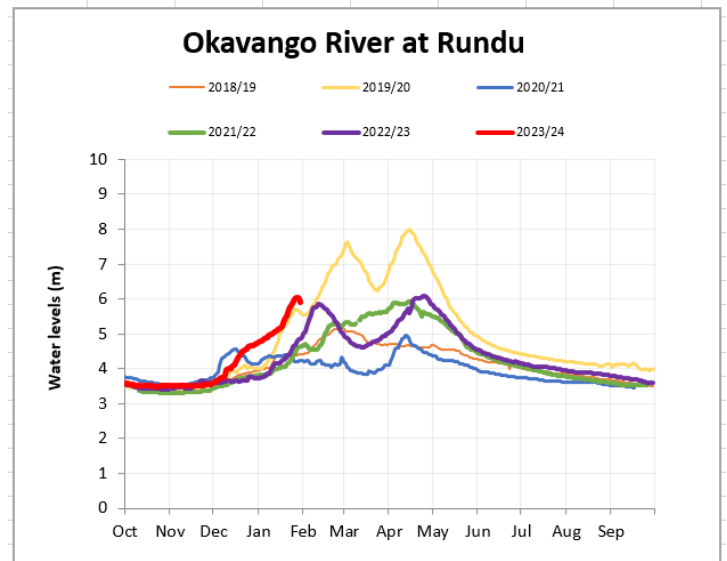
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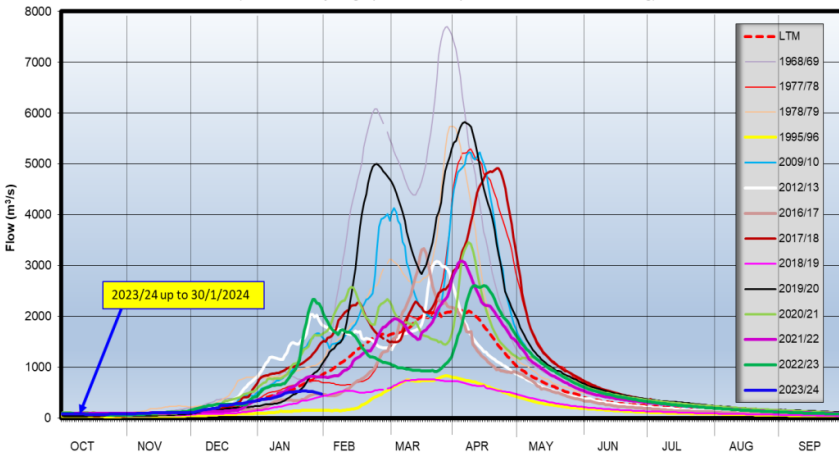
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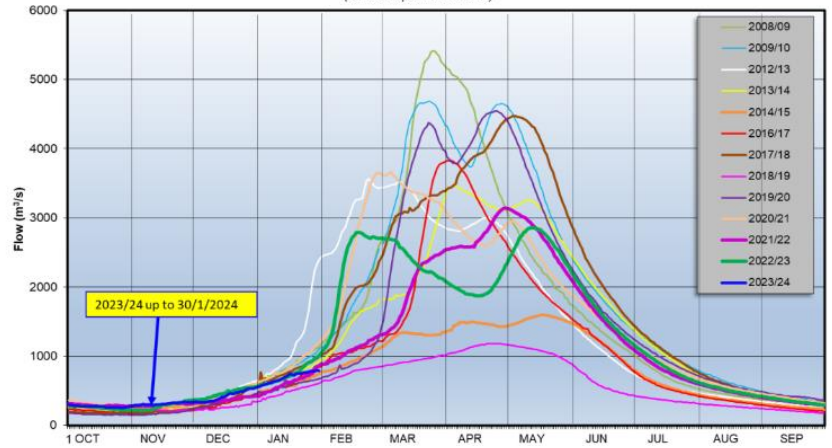
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Zambezi River Daily Flow Hydrographs
CHAVUMA MISSION STATION

(Faint-lined Hydrographs added to provide Historical Referencing)



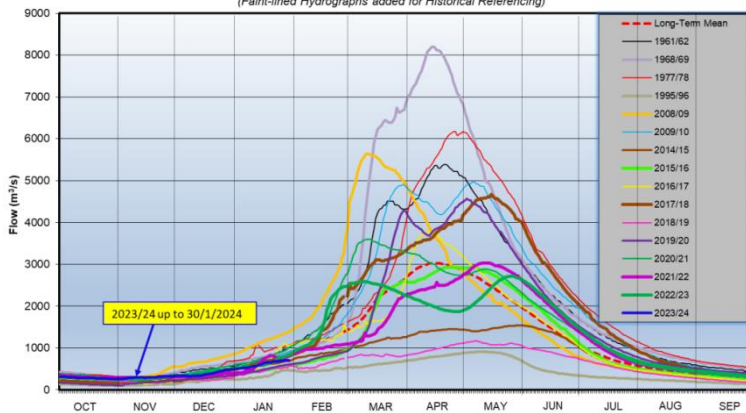
Zambezi River Daily Flow Hydrographs
NGONYE RAPIDS (Sioma Falls) STATION
(Station opened in 2005)



Courtesy of Zambezi River Authority - Daily Hydrological Bulletin (31/01/2024)

Zambezi River Daily Flow Hydrographs
VICTORIA FALLS (NANA'S FARM STATION)

(Faint-lined Hydrographs added for Historical Referencing)



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Dam Levels

The total content of the country's major dams stood at 22.9% on 29 January 2024.

See the latest dam levels provided in the table below, information courtesy of Namwater.

Name of RESERVOIR	Name of River	Full Supply Capacity (Mm3)	This week on 29/01/2024 (% Full Capacity)	Last Week 22/01/2024 (% Full Capacity)	Last Season 30/01/2023 (% Full Capacity)
SWAKOPPOORT DAM	Swakop	63.489	43.5	44.4	73.2
VON BACH DAM	Swakop	47.525	12.6	13.0	29.5
OMATAKO DAM	Omatoko	43.499	0.0	0.0	2.5
FRIEDENAU DAM	Kuiseb	6.723	56.0	56.5	75.2
OTJIVERO MAIN DAM	White Nossob	9.808	5.1	5.2	19.2
OTJIVERO SILT DAM	White Nossob	7.795	0.0	0.0	0.9
TILDA VILJOEN DAM	Pump Storage	1.224	15.0	15.2	33.1
DAAN VILJOEN DAM	Black Nossob	0.429	8.0	8.0	26.3
HARDAP DAM	Fish	294.593	16.7	17.3	46.8
NECKARTAL DAM	Fish	857.420	85.9	85.9	93.0
NAUTE DAM	Loewen	83.580	43.1	43.7	73.5
OANOBI DAM	Oanob	34.505	45.5	45.9	65.0
DREIHUK DAM	Hom	15.493	0.0	0.0	2.3
BONDELS DAM	Satco	1.103	0.0	0.0	0.0
OLUSHANDJA DAM	(Pump storage dam from Calueque)	45.641	38.8	40.7	15.7
OMATJENNE DAM	Omatjene	5.063	0.0	0.0	0.0

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