GEOSCIENCE, THE BEDROCK OF MODERN-DAY LIFE



OUTREACH FOR GEOSCIENCE AWARENESS



HYDROGEOLOGY AND CONTAMINANT GEOLOGY THEME

THEME: Groundwater, Making the invisible, visible (World Water Day Theme 2022)

Namibia has been known as water scarce, attributing mostly to its geographic location and primarily because of the limited surface water as well as the high potential evaporation rates beyond 2000 mm/year. Groundwater therefore quickly becomes crucial, most of which is located in aquifers in the savannah biome which covers a large part of the country. This is also where most industrialization as well as most farming is practiced. The management of groundwater has two major components, namely the management of groundwater quality and that of the groundwater quantity. In Namibia the groundwater is considered a public resource regulated by the state through the Department of Water Affairs, (DWA) in the Ministry of Agriculture, Water and Land Reform (MAWLR), they further receive regulatory assistance from the Namibia Water Cooperation (NamWater), which is a parastatal entity which supplies bulk water to municipalities, industries and to the Directorate of Rural Water Supply of DWA.

For example, Walvisbay, Swakopmund, Tsumeb, Usakos, Luderitz, Otjiwarongo, and Grootfontein are some of the major towns that rely heavily on groundwater.

Understanding and managing this precious groundwater resource sustainably is essential to achieving social economic development, water security and improving the quality of life in the country.

For sustainable exploration, development, and management of our groundwater resource we rely on hydrogeologists.

Under this Hydrogeology and contaminant geology theme the following 4 topics will be discussed during the Geoscience Corner radio talk show of February 2022:

- 1. Week 1: Introducing Hydrogeology
- Week 2: Drilling methods and costs, and the journey of groundwater from the rock to your tank / tap, trough/cup/, container/ Omindo!
- 3. Week 3: Groundwater management: Quality and quantity
- 4. Week 4: Myth busting



TIMESLOTS: GEOSCIENCE CORNER" RADIO TALK SHOW										
HYDROGEOLOGY AND CONTAMINANT GEOLOGY THEME - FEBRUARY										
2022										
	RADIO STATION	TIMESLOT FOR LIVE STUDIO	TIMESLOT FOR REPEAT							
1	!Ha FM	Wednesdays 17:00 to 18:00	Saturday 10:00 – 11:00							
2	Funk Haus NAMIBIA	XX 15:00 - 16:00	XX XX							
3	Hartklop FM	Monday 12:30 – 13:00	Monday 21:00 – 21:30							
4	Kaisames FM	Wednesdays 17:00 to 18:00	Thursday 20:00 – 21:00							
5	Kati FM	Wednesdays 19:15 – 20:00	Saturday 11:00 – 12:00							
6	National FM	Tuesdays 09H10 – 10H00	Sunday 16h00 – 18h00							
7	Ñwanyi FM	Wednesdays 17H00 – 18H00	Saturdays 14H00 – 15H00							
8	Omurari FM	Tuesdays 10:00 – 11:00	Thursday 10:00 – 11:00							
9	Touch FM	Wednesdays 18H00 – 19H00	Sunday 18H00 – 19H00							
10	TYS (Tirelo Ya Setshaba)	Friday 19H00 – 20H00	Wednesday 16H00 – 17H00							
11	Wato FM	Thursdays 19h15 – 20H15	Fridays: 11h05 – 12h00							

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STATION:	Hartklop FM	National FM	Funk Haus NAMIBIA	Kati FM	Omurari FM	Kaisames FM	Wato FM	Ñwanyi FM	Tirelo Ya Setshaba	!Ha FM	Touch FM	
AMINUIS	88.9	92.0			95.2				98.5			
ANDARA	92.5 95.7 106.1 102.5											
ARANOS			-	F	M Reception	n from Stamp	oriet Site.					
ARENDSNES	88.7	90.1	91.8	96.4	99.7	106.8	93.2	95.0	98.3			
AROAB	87.9	94.2				104.6						
AUS	92.5		95.8	102.6		106.2						
AUSSENKEHR	92.5	95.7		98.7		102.5						
BETHANIEN	88.1	91.2	94.4	97.7	101.2	104.8						
BRUKKAROS	90.2	96.5				106.9						
BUITEPOS		95.0		98.3	101.8				105.4			
EENHANA	FM Reception from Oshakati Site.											
EKULI		91.5		88.4	_		94.7	98.0				
EPUKIRO	91.6	98.1			101.6				105.2			
ERONGO	90.6	93.7	96.9	100.2	103.7	107.3		95.4	89.1			
GAM		92.6		102.6	99.1					95.8		
GIBEON						100.7						
GOBABIS	87.6	90.7	93.9	102.9	100.7	104.3	106.5	92.9	97.2			
GROSS-HERZOG	88.6		94.9	98.2	101.7	105.3					91.7	
KALKRAND						n from Stam	oriet Site					
KAMANJAB	89.7	91.9	101.9	95.1	98.4	106.4	103.7	107.9	93.8			
KATIMA MULILO	89.5	92.6	90.9	99.1	94.1	106.2	100.9	95.8	87.8			
KEETMANSHOOP	87.6	90.7	93.9	97.2	89.3	104.3	96.1	99.4	102.9			
KL.WATERBERG	89.6	92.7	95.9	99.2	102.7	106.3	91.2	101.2	94.4			
KOËS	88.8	95.1				105.5	•=		•			
KONGOLA	00.0	88.3		91.4		100.0	94.6	97.9				
LÜDERITZ	89.7	92.8	96.0	99.3	100.2	103.7	34.0	57.5				
MALTAHÖHE	88.5	32.0	94.8	33.5	100.2	105.2						
MARIENTAL	87.7	90.8	94.0	101.8	105.4	103.2	90.2	93.3	99.8			
NAKOP	90.6	93.7	54.0	101.8	103.4	104.4	90.2	33.5	33.0			
NKURENKURU	30.0	90.7		87.6		103.7	105.1	93.9				
NOORDOEWER	87.7	90.8		97.3		100.8	105.1	33.3				
OKAHAO	01.1	90.0			EM Bacantia		kati Sita					
OKONGO	FM Reception from Oshakati Site. 89.0 92.1 95.3 98.6 1											
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OMEGA		90.6		93.7			96.9	100.2		1		
OMUTHIYA		89.2		98.8	102.3	105.9	90.9	100.2				
OPUWO		91.1		97.6	102.3	105.9						
ORANJEMUND	90.0	93.1		99.6	101.1	106.7			-			
OSHAKATI	89.2	87.8	96.4	97.4	98.8	105.9	93.2	92.3	99.7			
OTJIMBINGWE	09.2	07.0	90.4	97.4			93.2	92.3	99.7			
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	87.9	91.0		00.4	101.0	104.6			09.7			
	00.2	92.2		89.1 96.6	95.4	00.0			98.7			
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	89.7	92.8	96.0	99.3	101.1	106.4	93.3	105.0	95.5			
RUNDU		89.6		00.4	101.0	405.0	97.5					
		91.6		98.1	101.6	105.2	045	101.0				
SHAMVURA	05.0	91.3		97.8		400 7	94.5	104.9				
	95.3	90.0	010	07.0	99.6	106.7						
SIGNALBERG	87.7	90.8	94.0	97.3	100.8	104.4	07.7	404.0	00.0			
STAMPRIET	89.7	92.8	96.0	91.2	94.4	106.4	97.7	104.8	99.3			
TERRACE BAY		104.3				n from 0-1	kati Oli -			ļ		
TSANDI	00.0	64 -	010		rwi keceptio	n from Osha	kati Site.					
TSUMEB	88.6	91.7	94.9	98.2	ļ	105.3	00.5			400 5		
TSUMKWE		90.4		100.0		· _	93.5			103.5		
UIS			<u> </u>	<u>.</u>		on from Eron	go Site.			1		
	89.8	92.9	96.1	99.4	102.9	106.5	4.0					
WINDHOEK HÖHE	89.5	92.6	95.8				107.1	93.5	90.4			
TYTOTAL						~=			·-			
TX TOTALS:	34	47	21	38	29	35	20	18	17	2	1	

NBC FM Frequencies 2022

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