## TAHMO DATA ACCESS

1. Go to <u>https://portal.tahmo.org/</u> and click sign in with Google.



2. You will have to use email address shared to us (TAHMO) while logging in through google.

If this email address is not listed within your google accounts use the following steps:

- Click on "Use another account"
- Enter the emaill. A verification code will be sent to our email account to allow you log in via google account.
- Enter the verification code



3. Once Logged in click "Data export" then "Click here" to start a new export

TAHMO data portal	Data export						
III Map	Export history - (show all 6)						
Graphs	Created at	Description	Aggregation	Variables	Stations	Status	
Data export	2020-03-02 09:12		5 minutes	8 variables	TA00433	Downlo	
Logout	2019-11-20 06:08		5 minutes	26 variables	TA00433	Downlo	
	2019-11-20 06:08		5 minutes	26 variables	TA00433	Downlo	
	2019-11-20 06:06		Hourly	8 variables	TA00433	Downlo	
	2019-11-19 19:53		5 minutes	8 variables	TA00433	Downlo	

4. Enter start date, End date, aggregation and select the valuables of data you want to download.

TAHMO data portal			
≣∎ Мар	Create export		
Data export	Export settings		1. START DATE
3 Logout	Period	Start Date End Date	2. END DATE
	Data type	Aggregation 5 minutes \$	(X) 3. VARIABLES
	Variables	Standard variablesImage: Atmospheric pressureImage: Atmosph	Other variables Electrical conductivity of precipitation Electrical conductivity of water Lightning distance Lightning events Logger battery percentage Logger reference pressure Logger temperature Soil electrical conductivity Soil moisture content Soil temperature Temperature Temperature of humidity sensor Vapor pressure Water discharge

- 5. Scroll down on the same page and select the station(s)
- 6. Click Create Export

TAHMO data portal			Soli electric	al conductivity	
			Soil moistur	e content	
💷 Map			Soil tempera	ature	
			lemperatur	e of humidity sensor	
Data export			Vapor press	ure	
1 Logout			Water disch	arge	
			Water level		
			Water temp	erature	
			water veloc	ity	
			X-axis level		
			T-axis level		
	Description (optional)				
	Stations				
	Filter e.g. 'TA00001' or station name	Country All \$		5. SELECT STA	ATION
	Station id	Location name	Country	Latitude	Longitude
	TA00433	IPRC Musanze	Rwanda	-1.562437	29.636505
	Create export				

7. A new export will be listed under export history.

Status
-
Download

• Click "Download". You will see a zip folder with metadata and data in csv file.



You can also check a video for data access on the link here: <u>https://www.youtube.com/watch?v=wXI2Fy7wbhc</u>

## NOTES:

- Data timestamp is in UTC time (0 GMT). You may want to convert it to your local time. See the video on how to do the conversion: https://www.youtube.com/watch?v=xpIzGj1CSoY#t=1m48s
- 2. If some data is unavailable for the period you selected, it could be that the station was not installed then or the station was not functioning.

## GRAPHS



1. When logged in select "Graphs"

2. Select VARIABLE, GRAPH TYPE, Period and STATIONS, then click " Create Graph"

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TAHMO data portal	Gi	raph settings				
≣∎ Map	Va	Variable Variable Shortwave radiation +		<ol> <li>Select the VARIABLE to be displayed</li> <li>Select the TYPE of Graph you wish to display</li> <li>Select PERIOD (Timeline) for the graph. There is an option for selecting a Customised Period</li> </ol>		
d Graphs	Gr	Graph Type Line graph (1 hour values) 🗢				
🖒 Data export	Pe	eriod	Period Last week +	4. Select the STATION 5. Click " Create graph"		
24 Group management						
🖪 User management		TA00022	Bubayi-Saboti Farm	Kenya	0.9141056	34.9201361
Logout		TA00023	Dwa Estate	Kenya	-2.38855	38.0407667
		TA00024	Mang'u High School	Kenya	-1.0717306	37.0455778
		TA00025	Kenya Meteorological Department	Kenya	-1.3018389	36.7602
		TA00026	Moi Forces Academy	Kenya	-0.2871222	36.1699806
		TA00027	Kaaga Boys High School	Kenya	0.0630611	37.6563028
		TA00028	Equinox Horticulture	Kenya	0.0459861	37.1428194
		TA00029	Karima Girls High School	Kenya	-0.5008389	36.5874972
		TA00030	Ole Tipis Girls Secondary School	Kenya	-1.0946806	35.8923361
		TA00031	Homa Bay High School	Kenya	-0.5376778	34.4601444

3. A graph will be generated as shown below. You can download and zoom to specific points of the graph.



If you have any challenges using tahmo data portal contact your country representative or email us: <a href="mailto:info@tahmo.org">info@tahmo.org</a> or <a href="mailto:g.mwangi@tahmo.org">g.mwangi@tahmo.org</a>