

Background

The Water Price Monitoring assessment aims to establish a data collection, monitoring and reporting system on water market prices in order to allow humanitarian and development actors to better analyse humanitarian needs in areas particularly affected by drought.

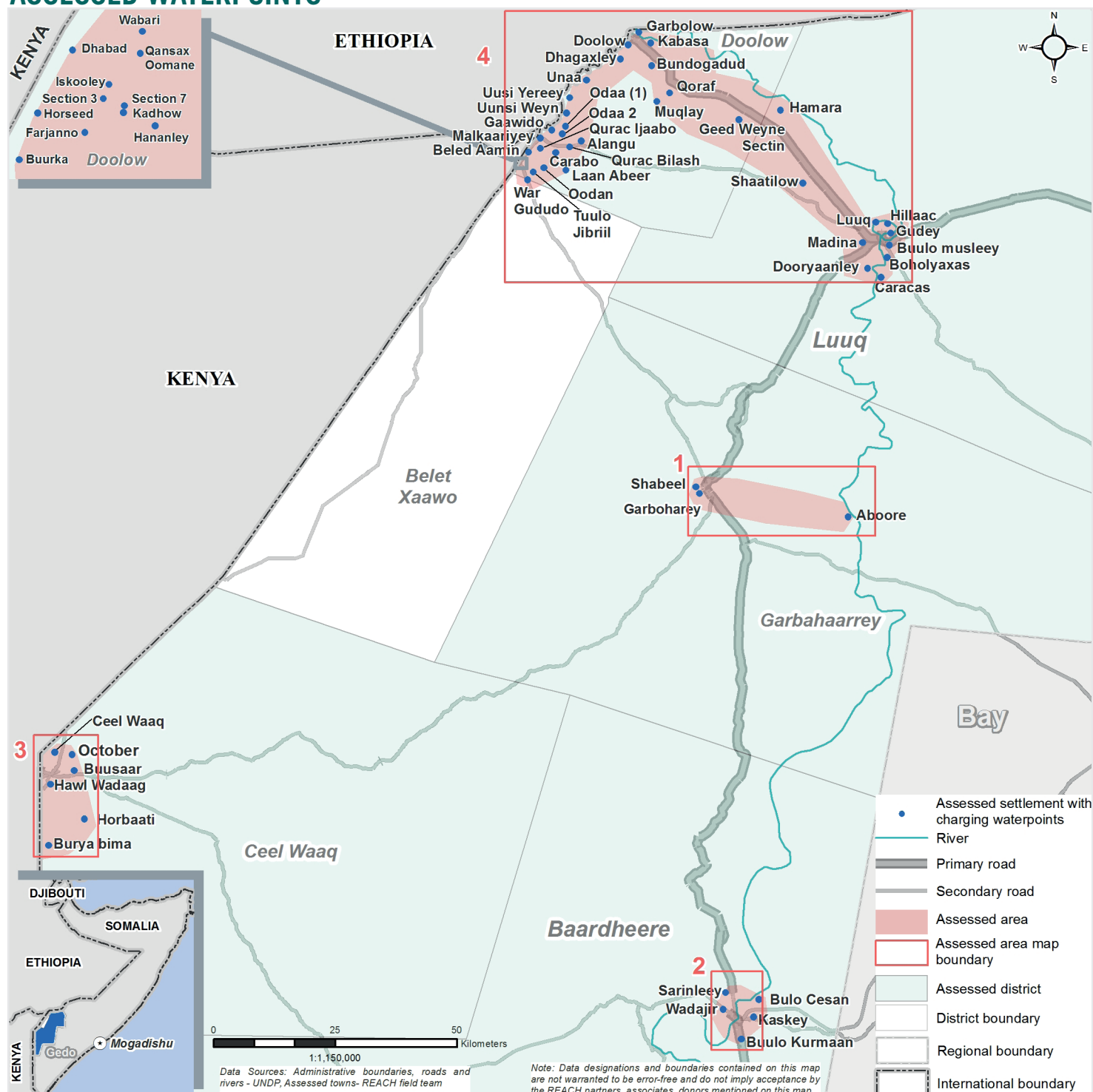
June data collection in Gedo was conducted through a quantitative survey between 28 - 30 June, focusing only on those waterpoints in the region that are charging for water. The assessment has followed the official district boundaries of the region.

All prices are shown in US Cents for 90L of water. This is the daily amount used by a household of six members, consuming the minimum Sphere standard of 15L water per person per day. Price changes are subject to exchange rate.

Key Findings

- This factsheet presents information collected from 176 waterpoints in Gedo region in June 2017.
- The average price change of water in Gedo region was -7% from May to June.
- Ceel Waaq and Garbahaarrey districts both reported price decrease of -42% and -60% respectively. Increase in price was reported in Baardheere (+34%), Doolow (+29%) and Luuq (+2%).
- Poor water quality (56%) was the main reason for the decrease in price in Ceel Waaq. In Baardheere, increasing water availability was given as the reason for lower water prices for the one assessed waterpoint showing a decrease in price of water in June.
- Improved water quality (46%) and scarcity of water (26%) were the main reasons for price increase in the region.

ASSESSED WATERPOINTS



ASSESSED WATERPOINTS

of Assessed Waterpoints in May: 159

of Assessed Waterpoints in June: 176

Types of Assessed Waterpoints

and % of assessed waterpoints:

Region	#	%
Borehole	6	3%
Burkad	77	45%
Kiosk	27	15%
Piped	12	7%
Protected Well, No Pump	6	3%
Protected Well, Pump	2	1%
Tank Tap	20	11%
Trucking Distribution	23	13%
Unprotected Well	3	2%

Districts

Baardheere	#	%
Piped	5	100%

Ceel Waaq	#	%
Borehole	2	6%
Burkad	27	85%
Tank Tap	1	3%
Unprotected Well	2	6%

Doolow	#	%
Burkad	50	42%
Kiosk	22	19%
Piped	6	5%
Protected Well, No pump	1	1%
Tank Tap	15	13%
Trucking Distribution	23	20%

Garbahaarrey	#	%
Borehole	1	33%
Protected Well, No pump	1	33%
Unprotected Well	1	33%

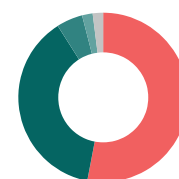
Luuq	#	%
Borehole	3	16%
Kiosk	5	26%
Piped	1	5%
Protected Well, No Pump	4	21%
Protected Well, Pump	2	11%
Tank Tap	4	21%

Waterpoint Filling

% of waterpoints that are used as water storage and refilled through the following:

Region

Not Filled	53%
Borehole	38%
Rain	5%
Pipe	2%
Water Truck	2%



Districts

Baardheere	%
Not Filled	100%
Borehole	0%
Rain	0%
Pipe	0%
Water Truck	0%

Doolow	%
Not Filled	44%
Borehole	47%
Rain	3%
Pipe	3%
Water Truck	3%

Luuq	%
Not Filled	84%
Borehole	11%
Rain	5%
Pipe	0%
Water Truck	0%

Ceel Waaq	%
Not Filled	59%
Borehole	32%
Rain	9%
Pipe	0%
Water Truck	0%

Garbahaarrey	%
Not Filled	100%
Borehole	0%
Rain	0%
Pipe	0%
Water Truck	0%

Waterpoint Filling Source

Water source of origin for trucking distribution and re-filling:

Region/Country	Town	% of water trucking
Region		
Belet Xaawo	Gedo	25%
Doolow	Gedo	75%

Districts

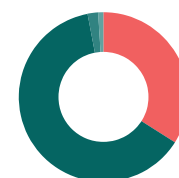
Doolow	%
Belet Xaawo	25%
Doolow	75%

Types of Water Treatment

% of water treatment types:

Region

Not Treated	34%
Chlorinated	63%
Boiled	2%
Aquatabs	1%



Districts

Baardheere	%
Not Treated	40%
Chlorinated	20%
Boiled	40%
Aquatabs	0%

Doolow	%
Not Treated	41%
Chlorinated	57%
Boiled	2%
Aquatabs	0%

Luuq	%
Not Treated	13%
Chlorinated	87%
Boiled	0%
Aquatabs	0%

Ceel Waaq	%
Not Treated	20%
Chlorinated	74%
Boiled	0%
Aquatabs	6%

Garbahaarrey	%
Not Treated	0%
Chlorinated	100%
Boiled	0%
Aquatabs	0%

Most Reported Problems

% of waterpoints reportedly having the following problems:
(Respondents could select multiple options)

Region	#	%
Fully Unfunctional	2	1%
Quantity	3	2%
Quality	7	4%
Tanks Broken	7	4%
Taps Broken	6	3%
Contaminated	4	2%
Pipes Broken	4	2%
Trucking Stopped	1	1%
No Problem	151	86%

Districts

Baardheere	#	%
No Problem	5	100%

Ceel Waaq	#	%
Tanks Broken	1	3%
Contaminated	1	3%
Pipes Broken	1	3%
No Problem	29	91%

Doolow	#	%
Fully Unfunctional	1	1%
Quantity	3	3%
Quality	7	6%
Tanks Broken	6	5%
Taps Broken	6	5%
Contaminated	3	3%
Pipes Broken	3	3%
Trucking Stopped	1	1%
No Problem	96	82%

Garbahaarrey	#	%
No Problem	3	100%

Luuq	#	%
Fully Unfunctional	1	5%
No Problem	18	95%

Waterpoint Administrator

% of waterpoints with the following administrator:

Region		
Private	●	45%
Community	●	55%
Districts		
Baardheere	●	60%
	●	40%
Ceel Waaq	●	28%
	●	72%
Doolow	●	47%
	●	53%
Garbahaarrey	●	100%
	●	0%
Luuq	●	53%
	●	47%

WATER PRICE

Prices are shown in US Cents.

1USD = 24 ETB, 90 KES, and 23,000 SOS as of June 2017, average exchange rate reported. Price changes were calculated based on the average change across waterpoints.

Average Price, by District

Region	May	June	% Change
Gedo	67	62	-7%
District			
Baardheere	32	43	+34%
Ceel Waaq	172	100	-42%
Doolow	46	59	+29%
Garbahaarrey	49	20	-60%
Luuq	26	27	+2%

Median Price, by District

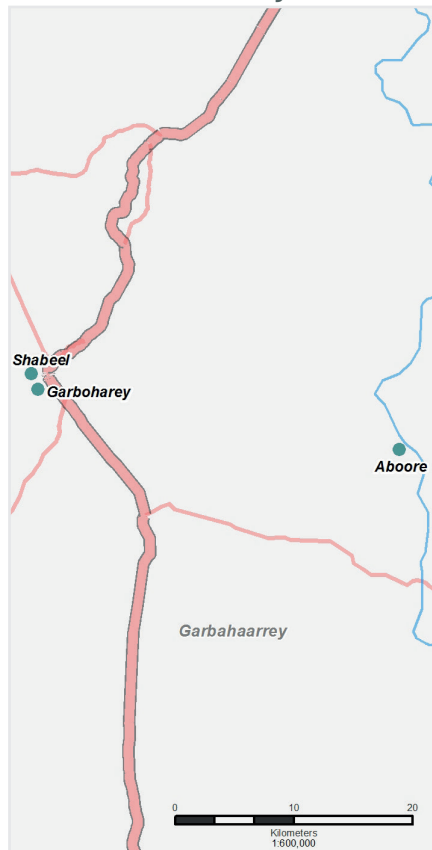
Region	May	June	% Change
Gedo	45	56	+25%
District			
Baardheere	20	39	+91%
Ceel Waaq	225	90	-60%
Doolow	45	56	+25%
Garbahaarrey	41	20	-52%
Luuq	20	20	-4%

Price, by Waterpoint Administrator

The average price of water by waterpoint administrator:

Region	May	June	% Change
Private	61	62	+1%
Community	72	63	-12%
District			
Baardheere			
Private	26	39	+50%
Community	41	49	+20%
Ceel Waaq			
Private	190	105	-45%
Community	165	98	-40%
Doolow			
Private	48	64	+31%
Community	44	56	+27%
Garbahaarrey			
Private	49	20	-60%
Luuq			
Private	24	28	+16%
Community	29	26	-10%

Area 1: Garbahaarrey



The map shows the study area in the north-eastern part of the Netherlands. The Baardheere region is labeled in the center. Four study sites are marked: Wadajir (red dot), Bullo Cesan (black dot), Kaskey (green dot), and Bullo Kurmaan (red dot). A scale bar indicates distances from 0 to 0.5 kilometers. A north arrow is located in the bottom right corner.

The map shows the study area in the north-eastern part of Djibouti. It includes the locations of Ceel Waaq, October, Buusaar, and Hawl Wadaag. The map also shows the coastline and the Red Sea. A scale bar indicates distances from 0 to 1 kilometer, and a north arrow is present.

Reported water price difference between May and June

- Increase (Red dot)
- Decrease (Green dot)
- No change (Black dot)

Reported water price in US Cents

- < 50 (Small dot)
- 50 - 100 (Medium dot)
- > 100 (Large dot)

Legend:

- River (Blue line)
- Primary road (Thick red line)
- Secondary road (Thin red line)
- District boundary (Thin grey line)
- Regional boundary (Thick grey line)
- International boundary (Dashed grey line)

Map Labels:

Districts: Doolow, Luuq

Towns: Garbolow, Kabasa, Doolow, Dhagaxley, Bundogadud, Muqlay, Qoraf, Hamara, Geed Weyne Sectin, Shaatilow, Luuq, Hillaac, Guday, Buulo musleey, Boholyaxas, Caracas, Dooryaanley, Madina, Luuq, Doolow, Wabari, Qansax, Oomane, Iskoooley, Section 3, Section 7, Kadhow, Horseed, Farjanno, Hananley, Buurka, Dhabad, Gaawido, Malkaariyey, Beled Aamin, Odaa (1), Odaa 2, Alangu, Carabo, Qurac Bilash, Qurac Ijaabo, Oodan, Laan Abeer, Tuulo Jibriil, War Gududo, Uusi Yereey, Uusi Weyn, Unaa.

Scale: 0 to 20 Kilometers

Inset Map: Shows the location of the study area within Somalia, with labels for KENYA, Doolow, and various towns.

Data Sources: Administrative boundaries, roads and rivers - UNDP, Assessed towns- REACH field team

Note: Data designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates, donors mentioned on this map.