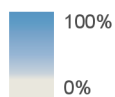


% of Winter Nights Below 10 C



Cities

- ★ Governorate Capital
- District Capital

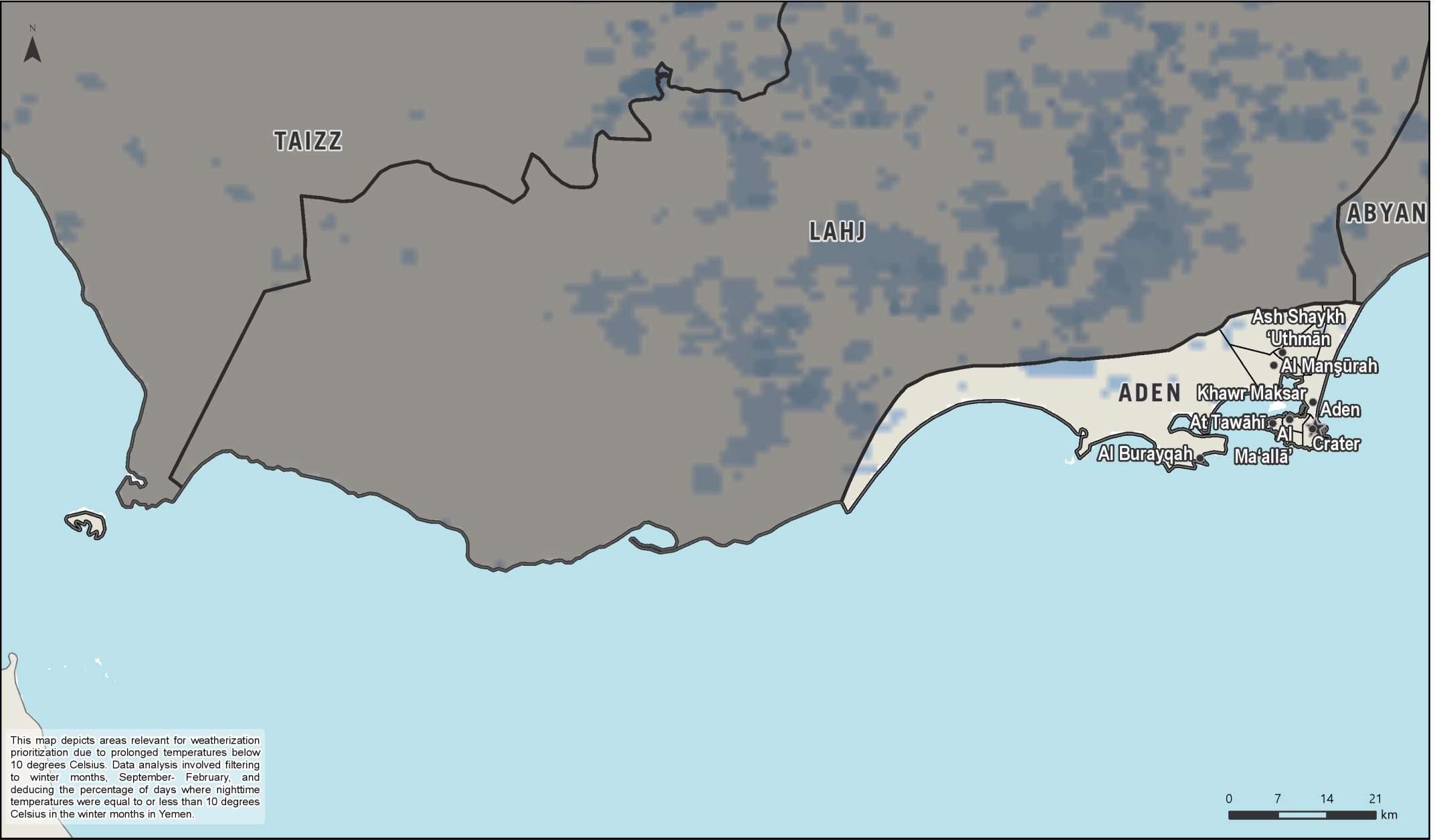
Data sources:
Temperature: MODIS Terra Land Surface Temperature and Emissivity
Administrative Data: OCHA
SRTM Digital Elevation Data 30m: USGS
Cities: SimpleMaps.com
Imagery Data/Analysis Platform: Google Earth Engine
Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
File: REACH_YEM_Map_Shelter_Weatherization_16MAY20
Contact: reach.mapping@impact-initiatives.org

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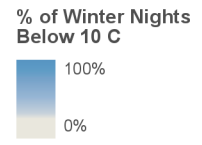
Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2

YEMEN - Weather During Winter

Aden Governorate



This map depicts areas relevant for weatherization prioritization due to prolonged temperatures below 10 degrees Celsius. Data analysis involved filtering to winter months, September- February, and deducing the percentage of days where nighttime temperatures were equal to or less than 10 degrees Celsius in the winter months in Yemen.

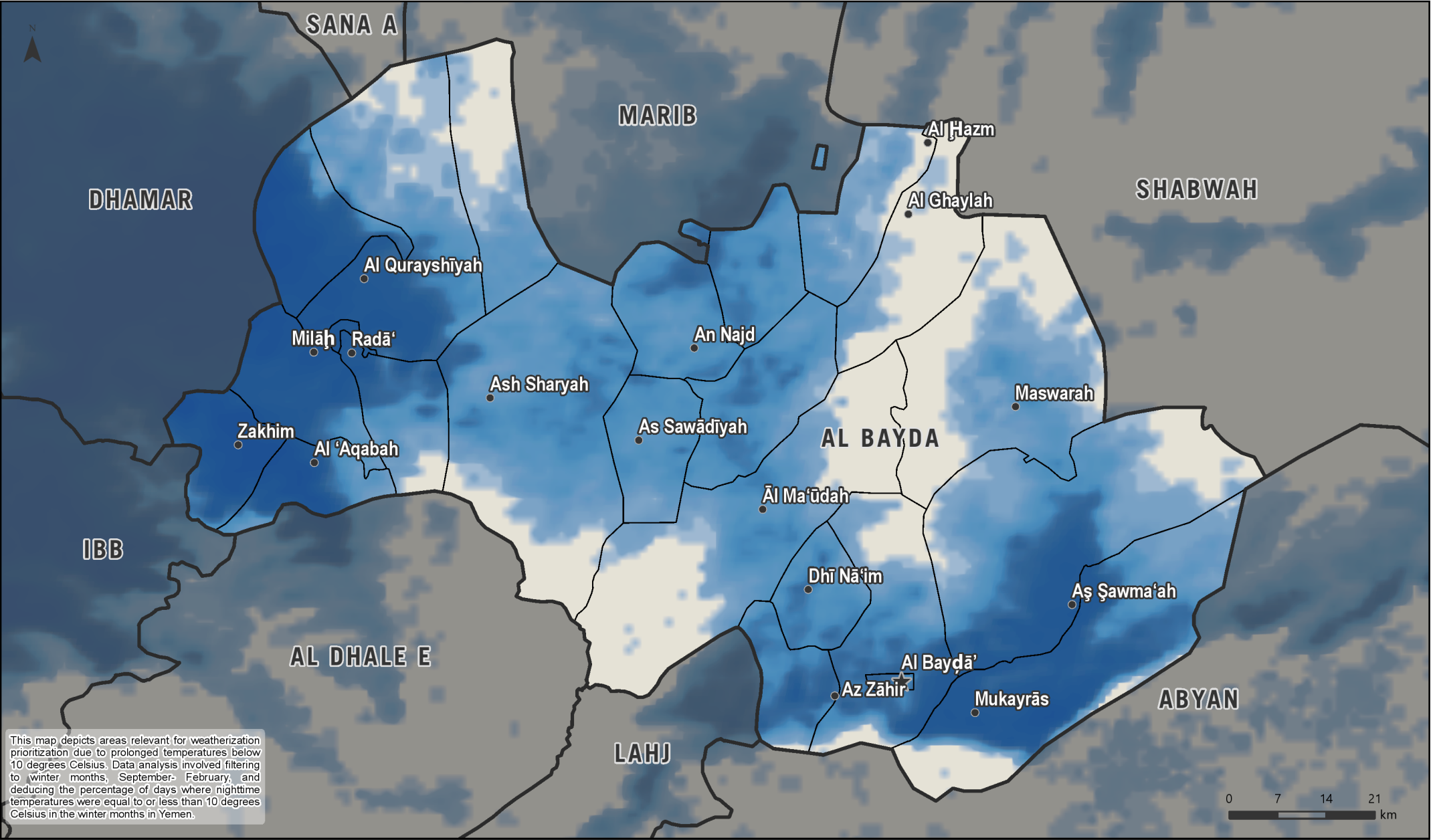


- Cities**
- ★ Governorate Capital
 - District Capital

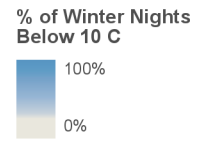
Data sources:
 Temperature: MODIS Terra Land Surface Temperature and Emissivity
 Administrative Data: OCHA
 SRTM Digital Elevation Data 30m: USGS
 Cities: SimpleMaps.com
 Imagery Data/Analysis Platform: Google Earth Engine
 Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
 File: REACH_YEM_Map_Shelter_Weatherization_16MAY2019_A1
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Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2



This map depicts areas relevant for weatherization prioritization due to prolonged temperatures below 10 degrees Celsius. Data analysis involved filtering to winter months, September- February, and deducing the percentage of days where nighttime temperatures were equal to or less than 10 degrees Celsius in the winter months in Yemen.

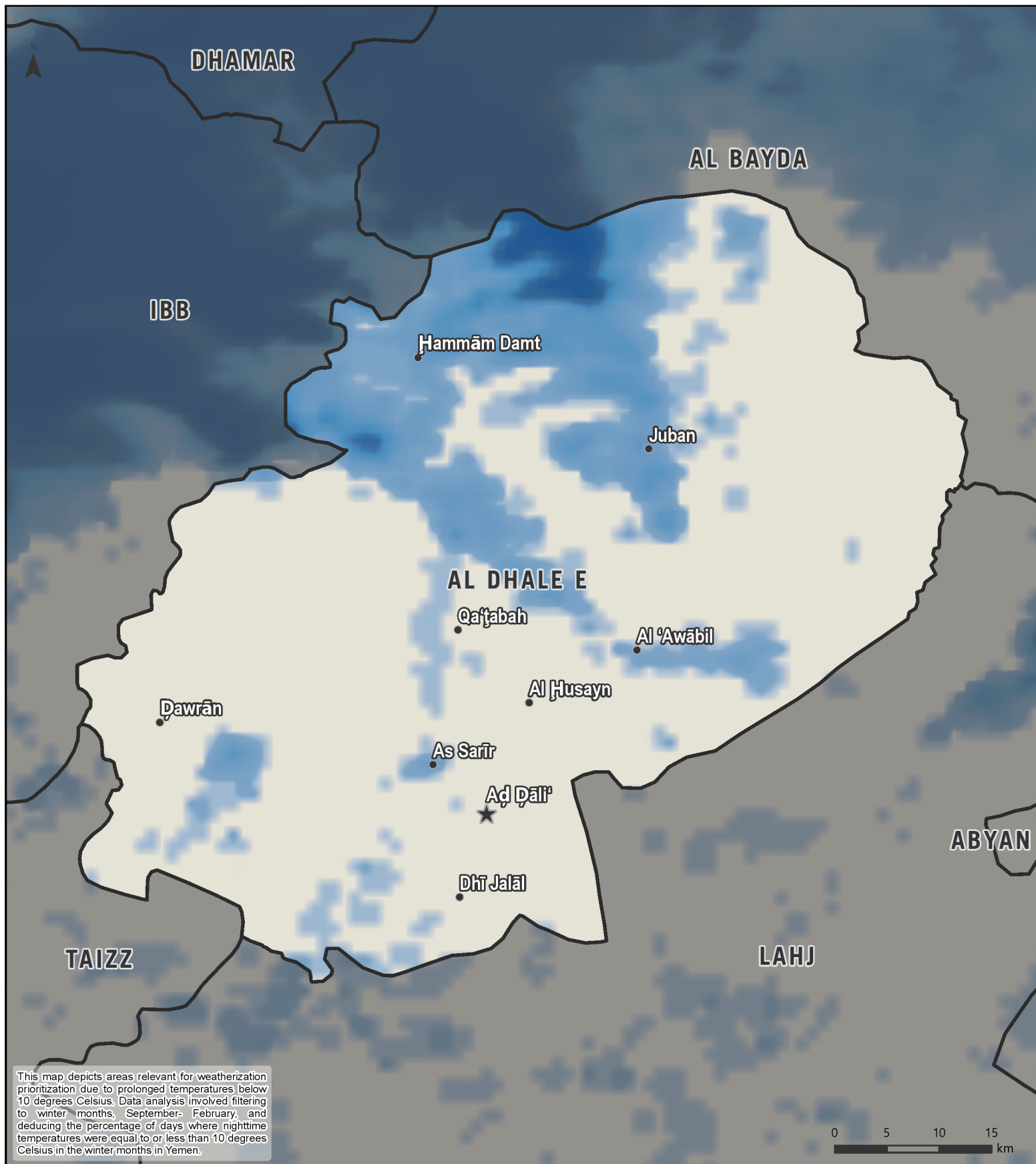


- Cities**
- ★ Governorate Capital
 - District Capital

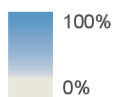
Data sources:
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 Administrative Data: OCHA
 SRTM Digital Elevation Data 30m: USGS
 Cities: SimpleMaps.com
 Imagery Data/Analysis Platform: Google Earth Engine
 Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
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Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2



% of Winter Nights Below 10 C



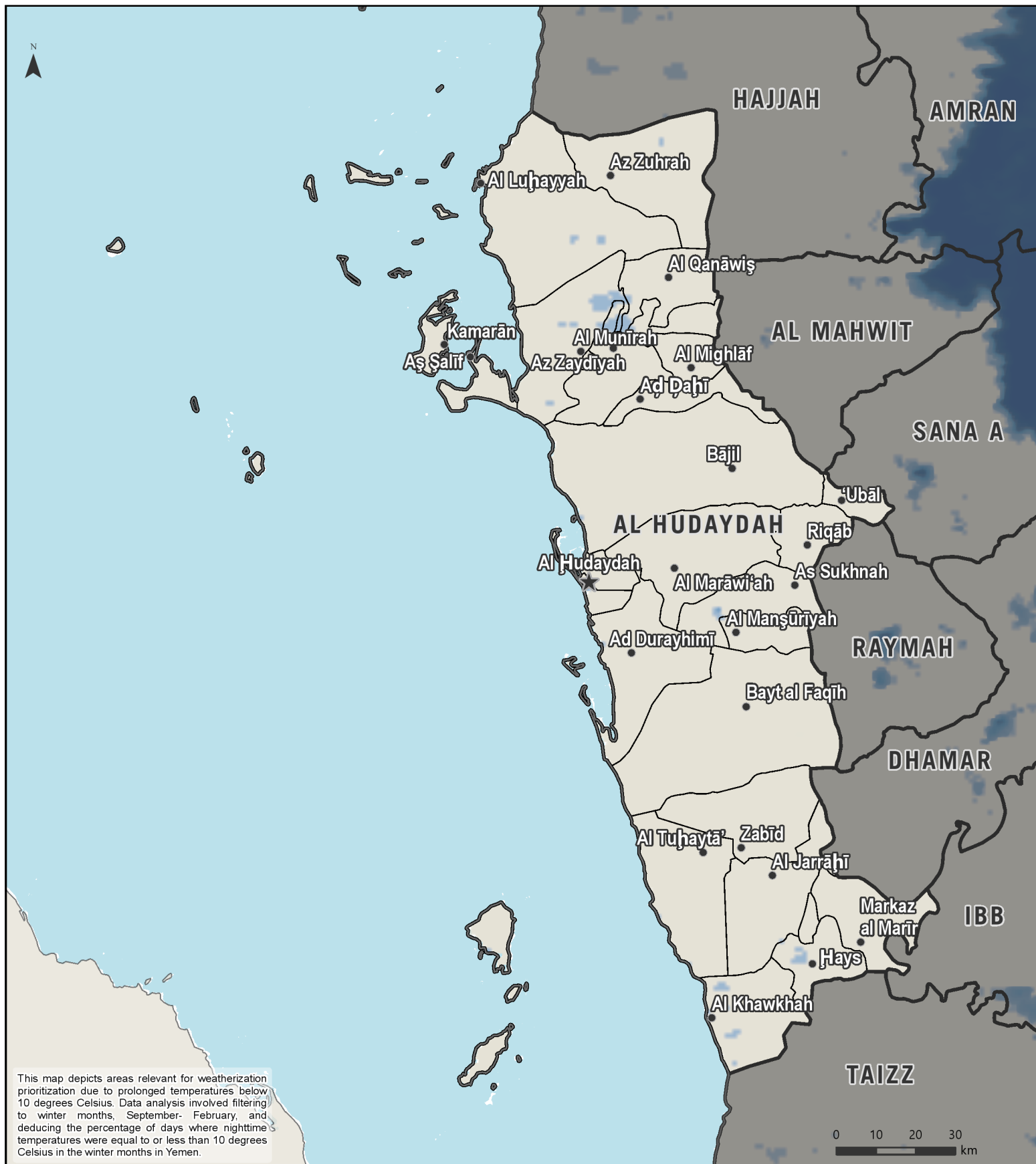
Cities

- ★ Governorate Capital
- District Capital

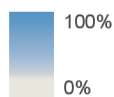
Data sources:
Temperature: MODIS Terra Land Surface Temperature and Emissivity
Administrative Data: OCHA
SRTM Digital Elevation Data 30m: USGS
Cities: SimpleMaps.com
Imagery Data/Analysis Platform: Google Earth Engine
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Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2



% of Winter Nights Below 10 C



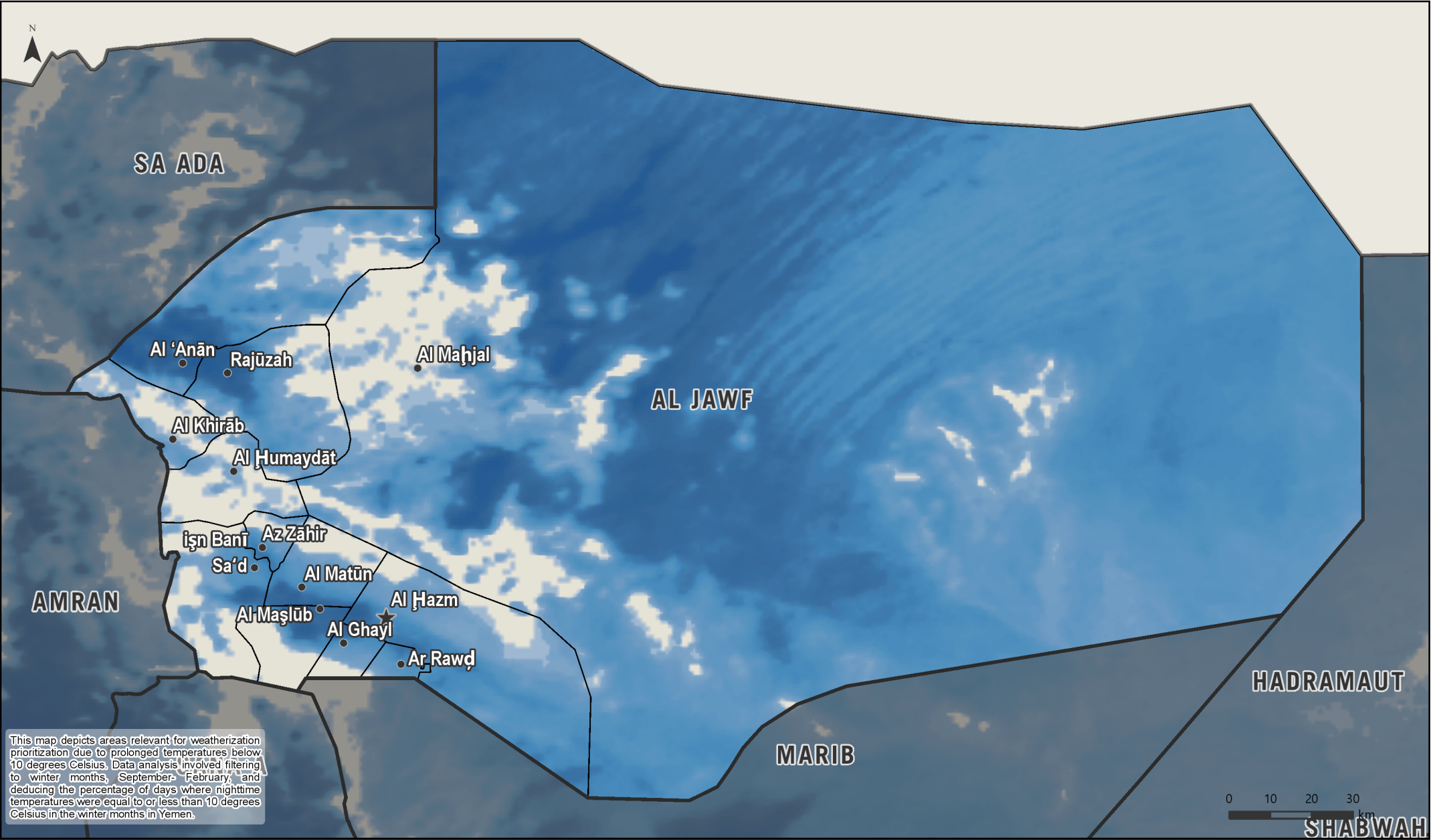
Cities

- ★ Governorate Capital
- District Capital

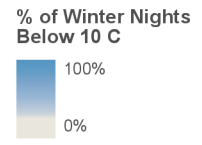
Data sources:
Temperature: MODIS Terra Land Surface Temperature and Emissivity
Administrative Data: OCHA
SRTM Digital Elevation Data 30m: USGS
Cities: SimpleMaps.com
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Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2



This map depicts areas relevant for weatherization prioritization due to prolonged temperatures below 10 degrees Celsius. Data analysis involved filtering to winter months, September- February, and deducing the percentage of days where nighttime temperatures were equal to or less than 10 degrees Celsius in the winter months in Yemen.

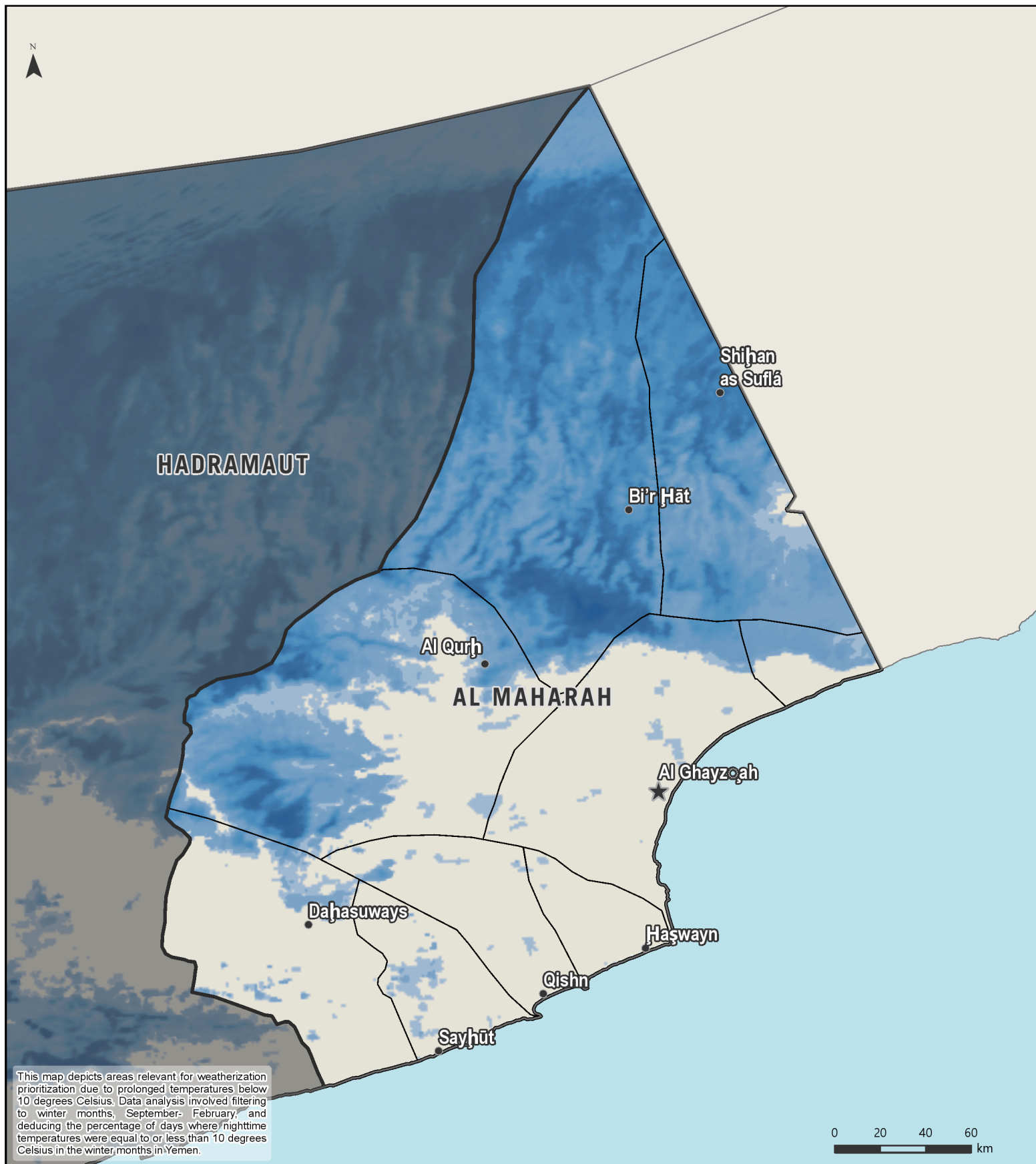


- Cities**
- ★ Governorate Capital
 - District Capital

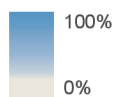
Data sources:
 Temperature: MODIS Terra Land Surface Temperature and Emissivity
 Administrative Data: OCHA
 SRTM Digital Elevation Data 30m: USGS
 Cities: SimpleMaps.com
 Imagery Data/Analysis Platform: Google Earth Engine
 Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
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Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2



% of Winter Nights Below 10 C



Cities

- ★ Governorate Capital
- District Capital

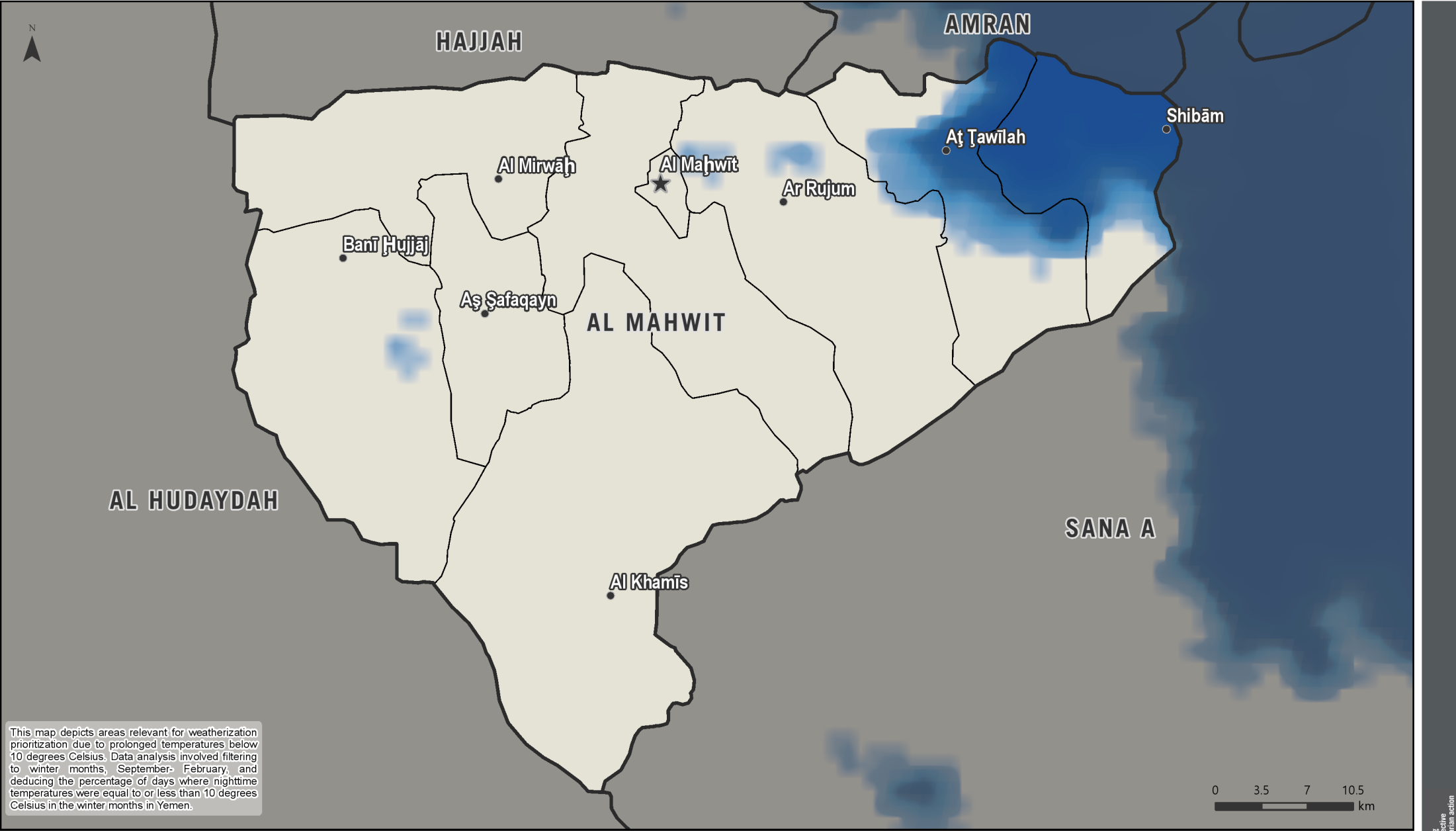
Data sources:
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 Cities: SimpleMaps.com
 Imagery Data/Analysis Platform: Google Earth Engine
 Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
 File:
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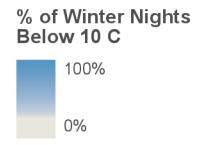
Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2

YEMEN - Weather During Winter

Al Mahwit Governorate



This map depicts areas relevant for weatherization prioritization due to prolonged temperatures below 10 degrees Celsius. Data analysis involved filtering to winter months, September- February, and deducing the percentage of days where nighttime temperatures were equal to or less than 10 degrees Celsius in the winter months in Yemen.



- Cities**
- ★ Governorate Capital
 - District Capital

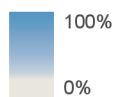
Data sources:
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 Administrative Data: OCHA
 SRTM Digital Elevation Data 30m: USGS
 Cities: SimpleMaps.com
 Imagery Data/Analysis Platform: Google Earth Engine
 Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
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Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2



% of Winter Nights Below 10 C



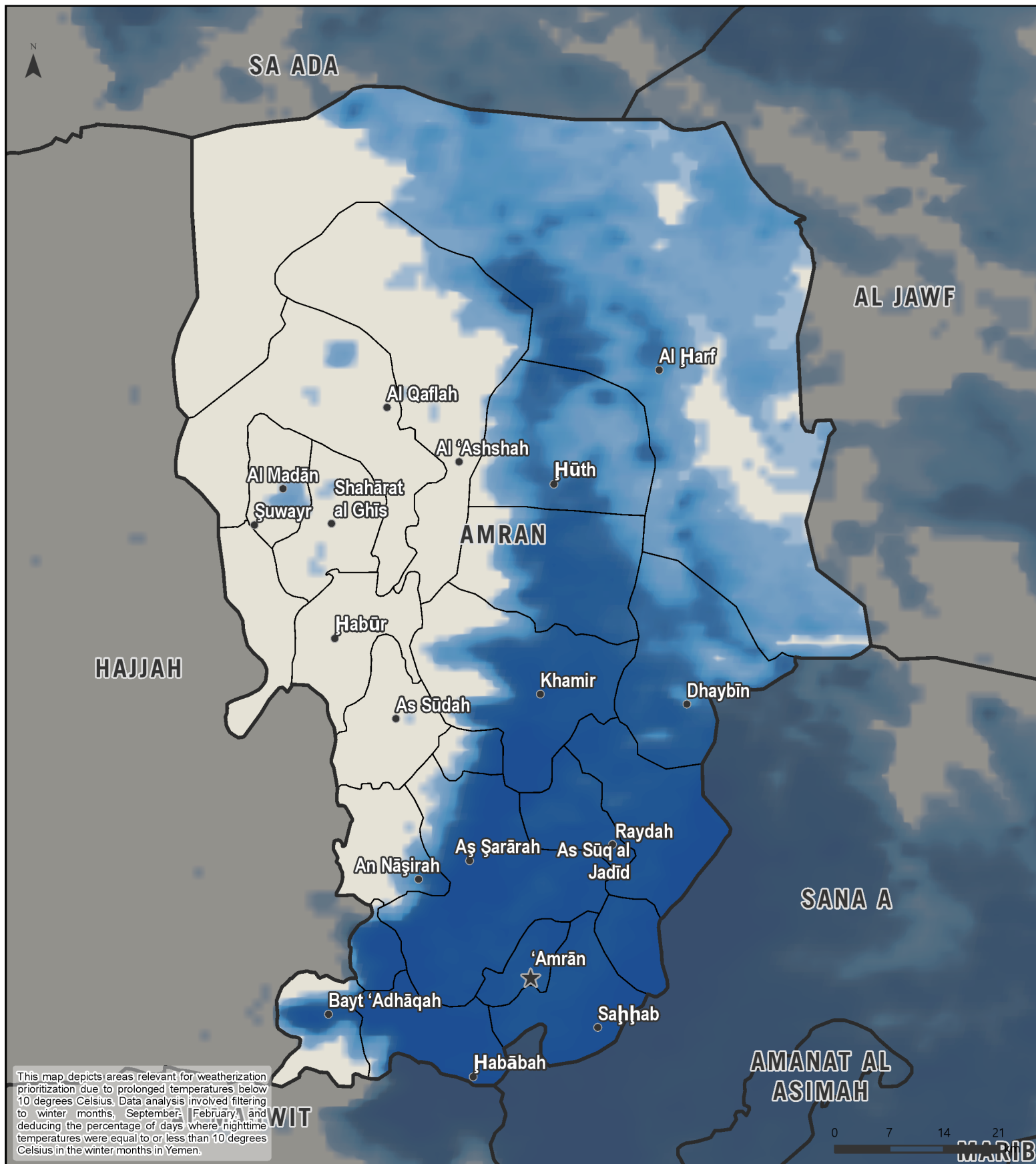
Cities

- ★ Governorate Capital
- District Capital

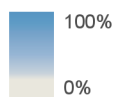
Data sources:
 Temperature: MODIS Terra Land Surface Temperature and Emissivity
 Administrative Data: OCHA
 SRTM Digital Elevation Data 30m: USGS
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 Imagery Data/Analysis Platform: Google Earth Engine
 Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
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Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2



% of Winter Nights Below 10 C



Cities

- ★ Governorate Capital
- District Capital

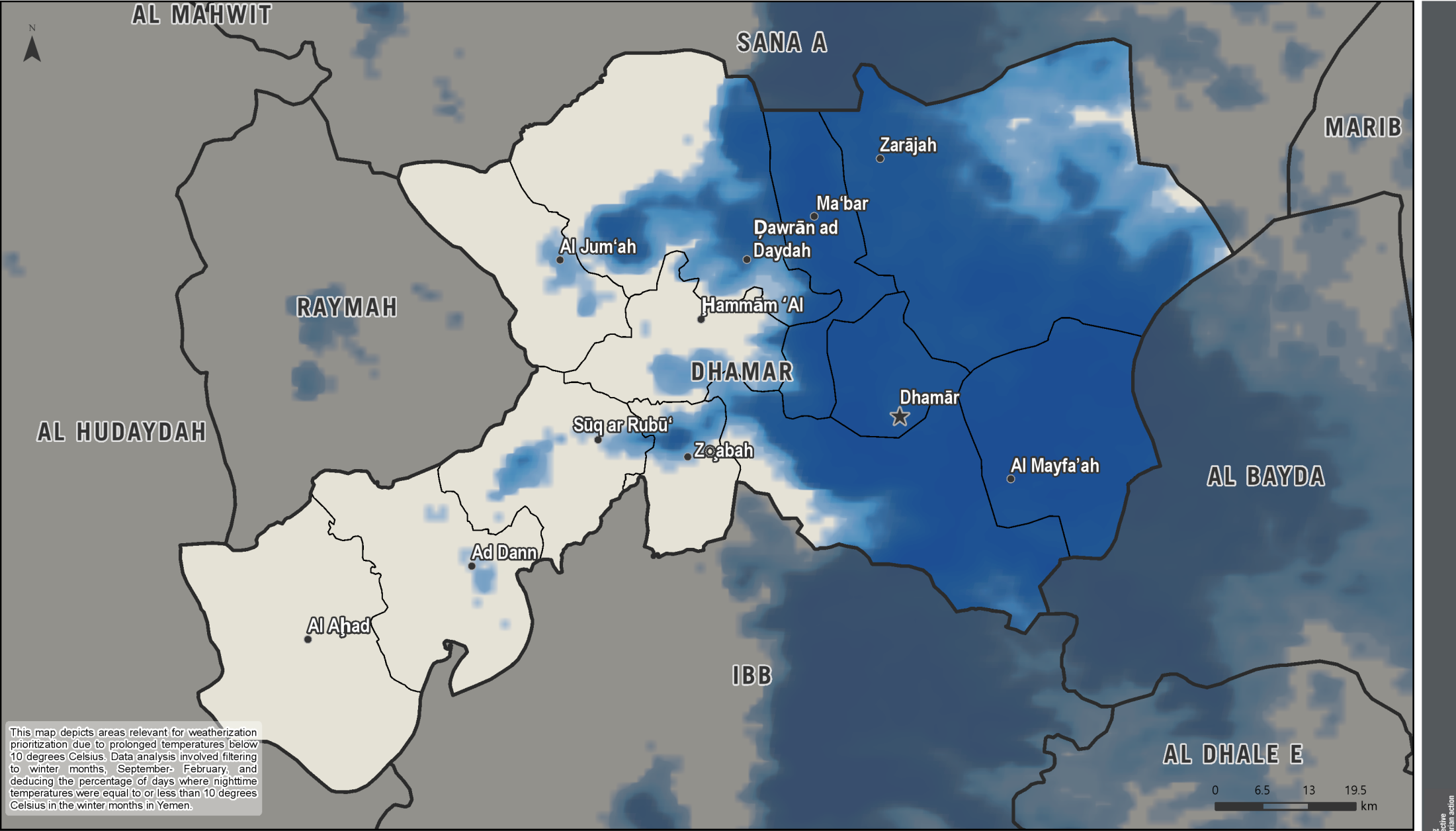
Data sources:
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SRTM Digital Elevation Data 30m: USGS
Cities: SimpleMaps.com
Imagery Data/Analysis Platform: Google Earth Engine
Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
File: REACH_YEM_Map_Shelter_Weatherization_16MAY20
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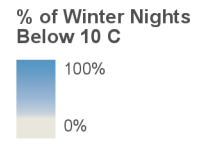
Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2

YEMEN - Weather During Winter

Dhamar Governorate



This map depicts areas relevant for weatherization prioritization due to prolonged temperatures below 10 degrees Celsius. Data analysis involved filtering to winter months, September- February, and deducing the percentage of days where nighttime temperatures were equal to or less than 10 degrees Celsius in the winter months in Yemen.



- Cities**
- ★ Governorate Capital
 - District Capital

Data sources:
Temperature: MODIS Terra Land Surface Temperature and Emissivity
Administrative Data: OCHA
SRTM Digital Elevation Data 30m: USGS
Cities: SimpleMaps.com
Imagery Data/Analysis Platform: Google Earth Engine

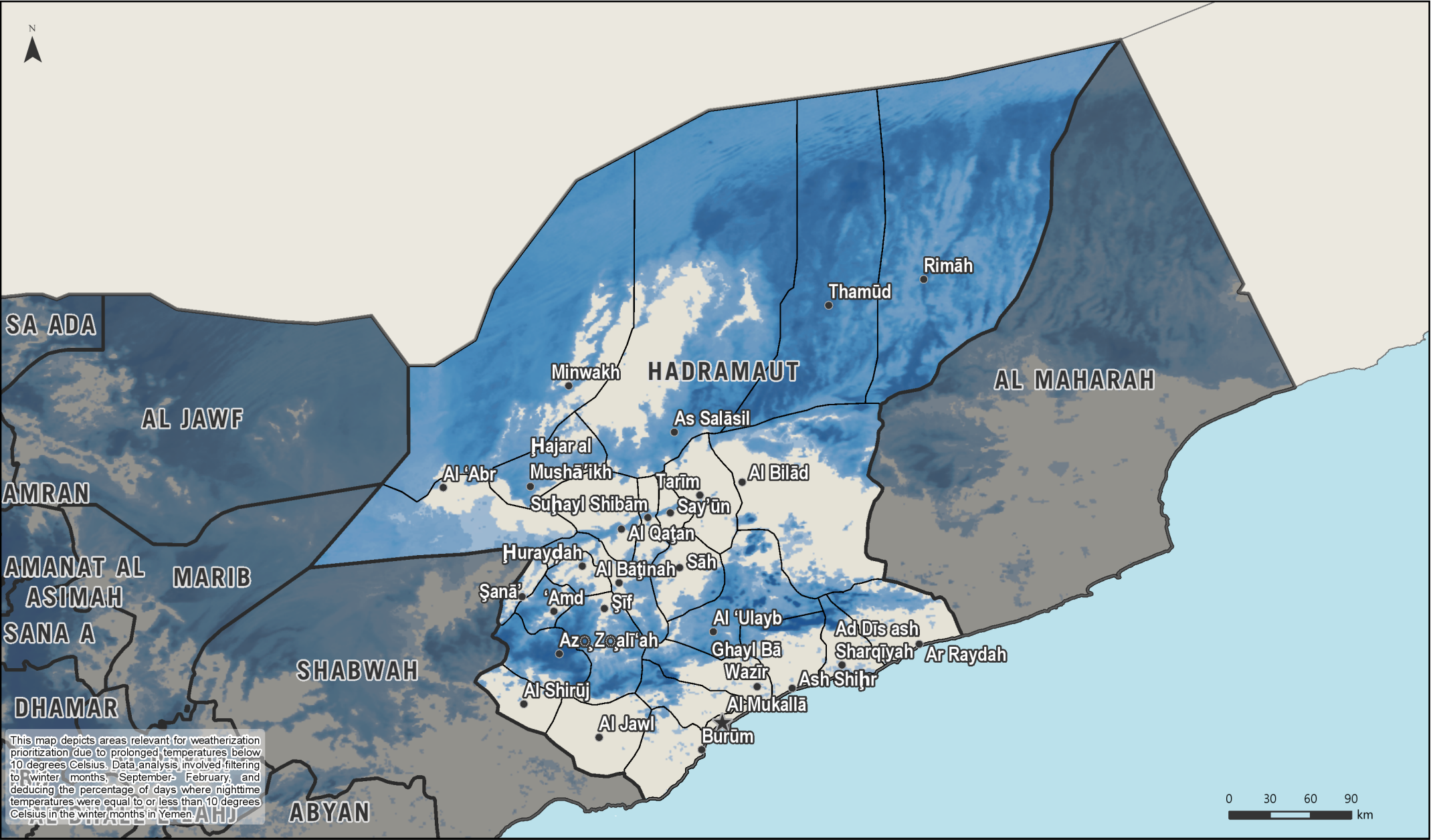
Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
File: REACH_YEM_Map_Shelter_Weatherization_16MAY2019_A1
Contact: reach.mapping@impact-initiatives.org

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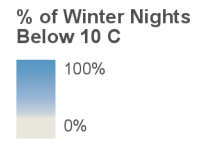
Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2

YEMEN - Weather During Winter

Hadramaut Governorate



This map depicts areas relevant for weatherization prioritization due to prolonged temperatures below 10 degrees Celsius. Data analysis involved filtering to winter months, September- February, and deducing the percentage of days where nighttime temperatures were equal to or less than 10 degrees Celsius in the winter months in Yemen.



- Cities**
- ★ Governorate Capital
 - District Capital

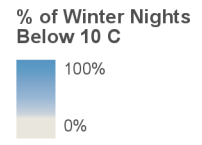
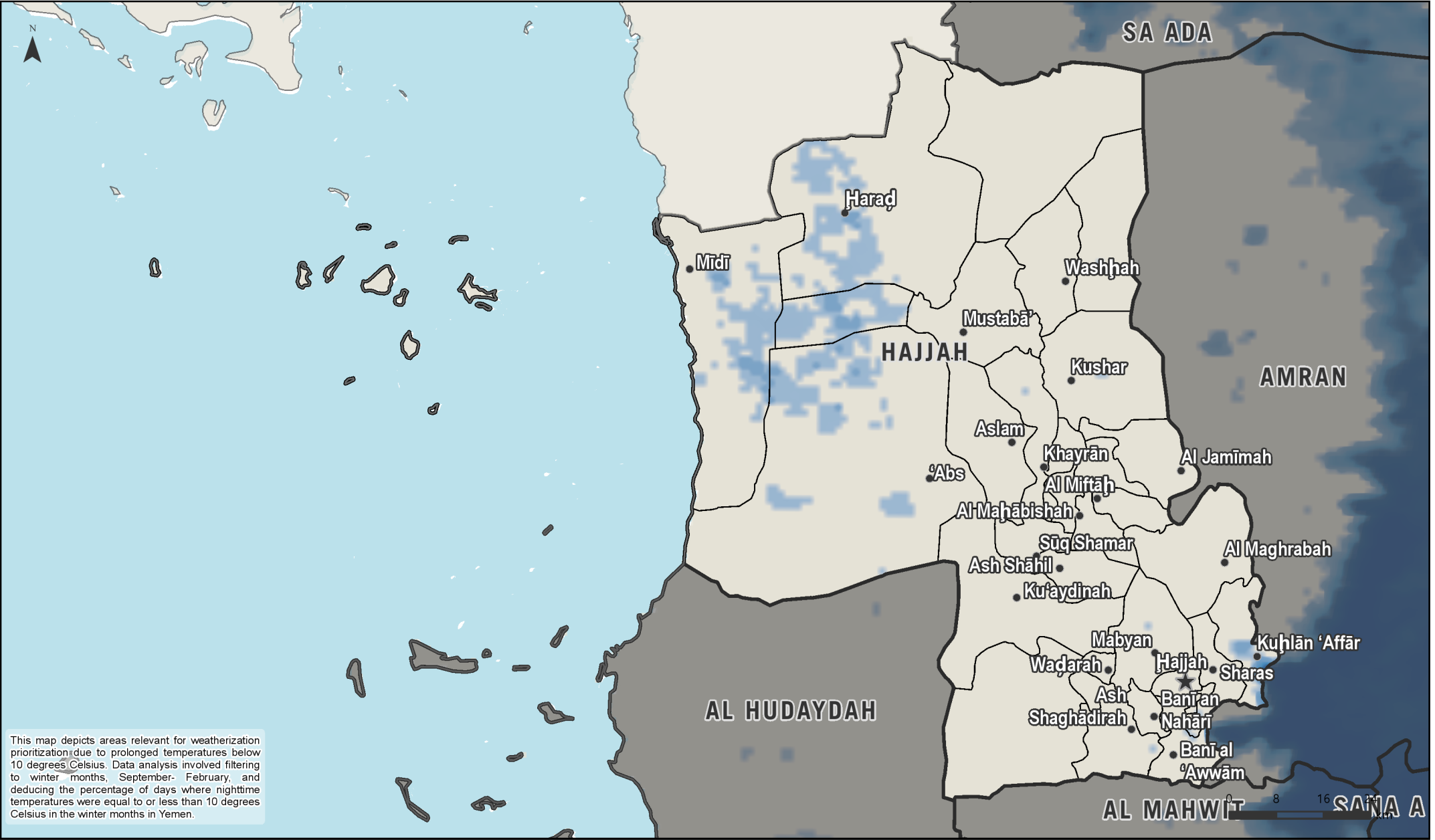
Data sources:
 Temperature: MODIS Terra Land Surface Temperature and Emissivity
 Administrative Data: OCHA
 SRTM Digital Elevation Data 30m: USGS
 Cities: SimpleMaps.com
 Imagery Data/Analysis Platform: Google Earth Engine
 Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
 File: REACH_YEM_Map_Shelter_Weatherization_16MAY2019_A1
 Contact: reach.mapping@impact-initiatives.org

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Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2

YEMEN - Weather During Winter

Hajjah Governorate



- Cities**
- ★ Governorate Capital
 - District Capital

Data sources:
Temperature: MODIS Terra Land Surface Temperature and Emissivity
Administrative Data: OCHA
SRTM Digital Elevation Data 30m: USGS
Cities: SimpleMaps.com
Imagery Data/Analysis Platform: Google Earth Engine

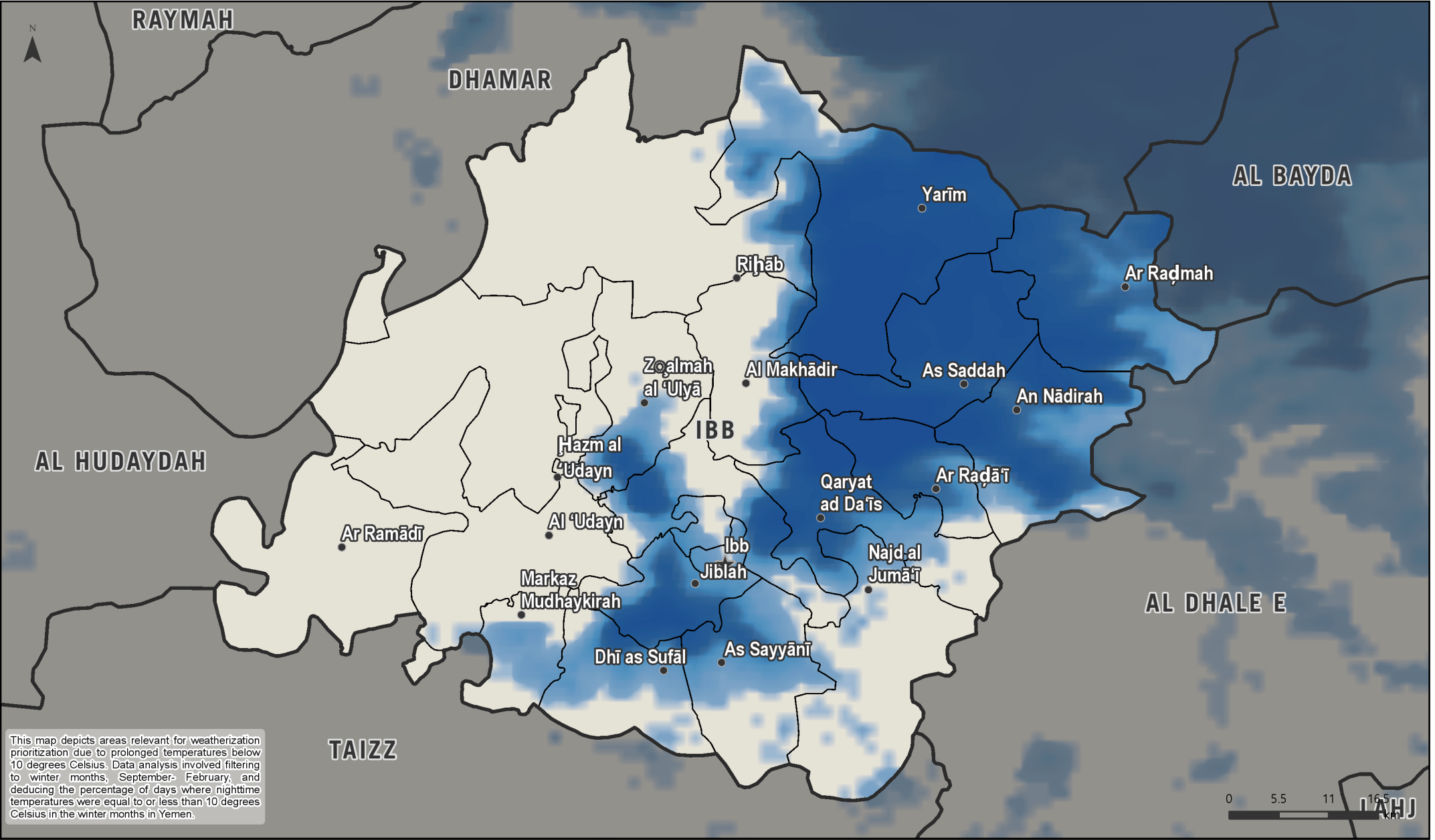
Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
File: REACH_YEM_Map_Shelter_Weatherization_16MAY2019_A1
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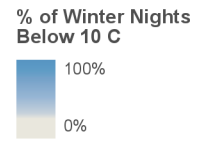
Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2

YEMEN - Weather During Winter

Ibb Governorate



This map depicts areas relevant for weatherization prioritization due to prolonged temperatures below 10 degrees Celsius. Data analysis involved filtering to winter months, September- February, and deducing the percentage of days where nighttime temperatures were equal to or less than 10 degrees Celsius in the winter months in Yemen.



- Cities**
- ★ Governorate Capital
 - District Capital

Data sources:
Temperature: MODIS Terra Land Surface Temperature and Emissivity
Administrative Data: OCHA
SRTM Digital Elevation Data 30m: USGS
Cities: SimpleMaps.com
Imagery Data/Analysis Platform: Google Earth Engine

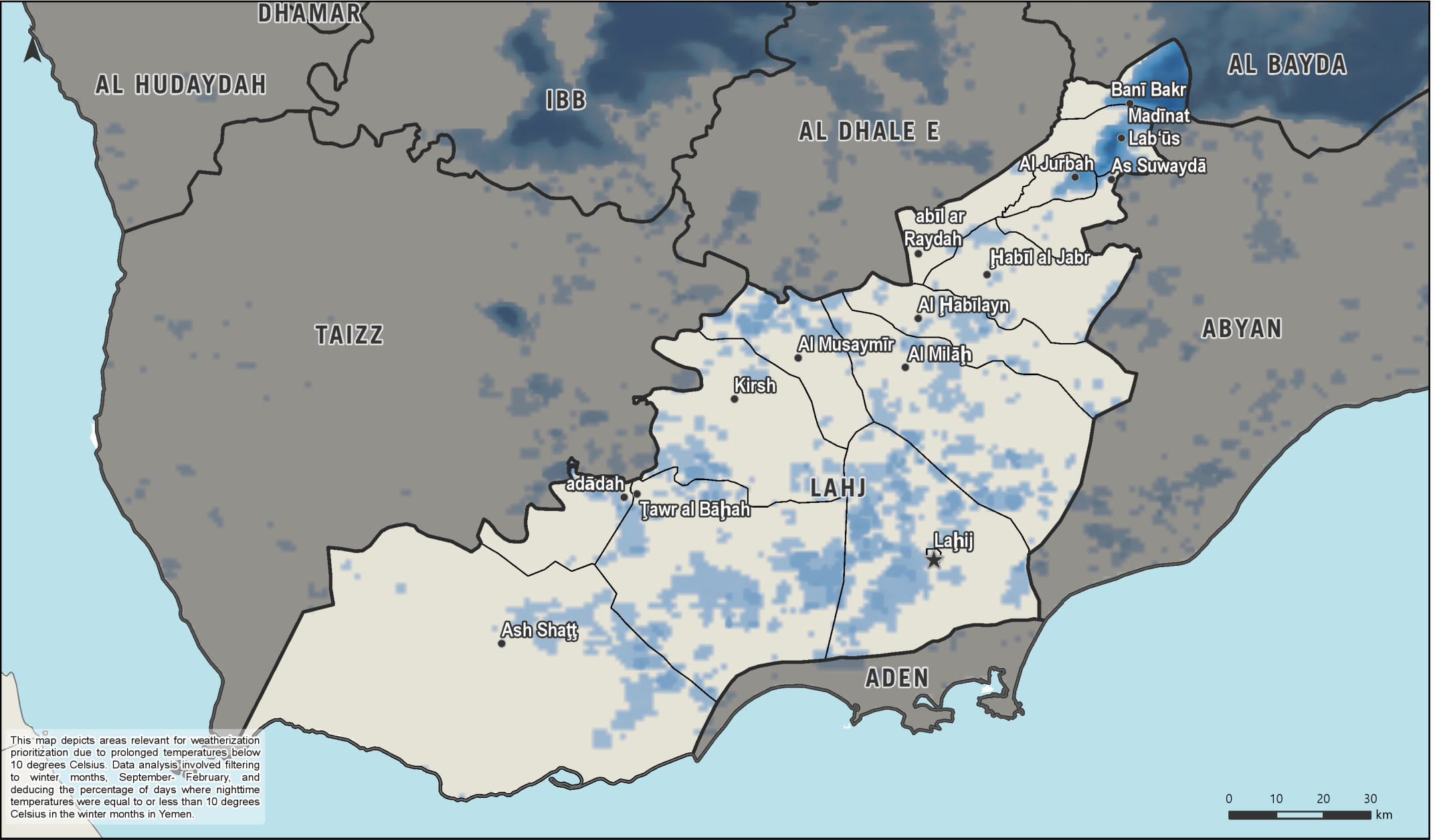
Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
File: REACH_YEM_Map_Shelter_Weatherization_16MAY2019_A1
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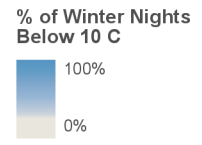
Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2

YEMEN - Weather During Winter

Lahj Governorate



This map depicts areas relevant for weatherization prioritization due to prolonged temperatures below 10 degrees Celsius. Data analysis involved filtering to winter months, September-February, and deducing the percentage of days where nighttime temperatures were equal to or less than 10 degrees Celsius in the winter months in Yemen.



- Cities**
- ★ Governorate Capital
 - District Capital

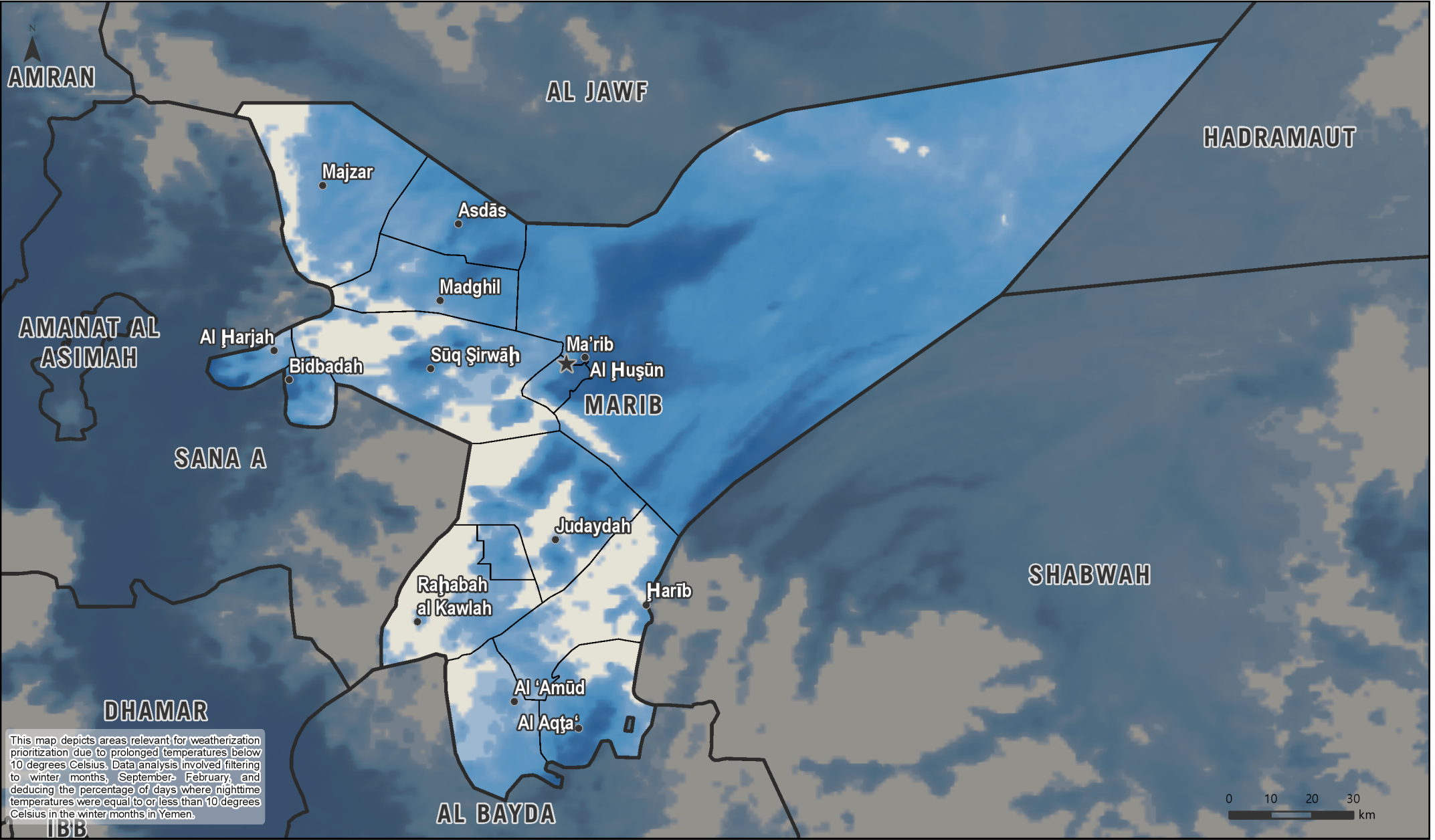
Data sources:
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 Administrative Data: OCHA
 SRTM Digital Elevation Data 30m: USGS
 Cities: SimpleMaps.com
 Imagery Data/Analysis Platform: Google Earth Engine
 Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
 File: REACH_YEM_Map_Shelter_Weatherization_16MAY2019_A1
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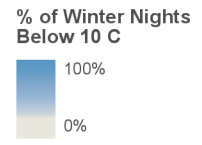
Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2

YEMEN - Weather During Winter

Marib Governorate



This map depicts areas relevant for weatherization prioritization due to prolonged temperatures below 10 degrees Celsius. Data analysis involved filtering to winter months, September- February, and deducing the percentage of days where nighttime temperatures were equal to or less than 10 degrees Celsius in the winter months in Yemen.

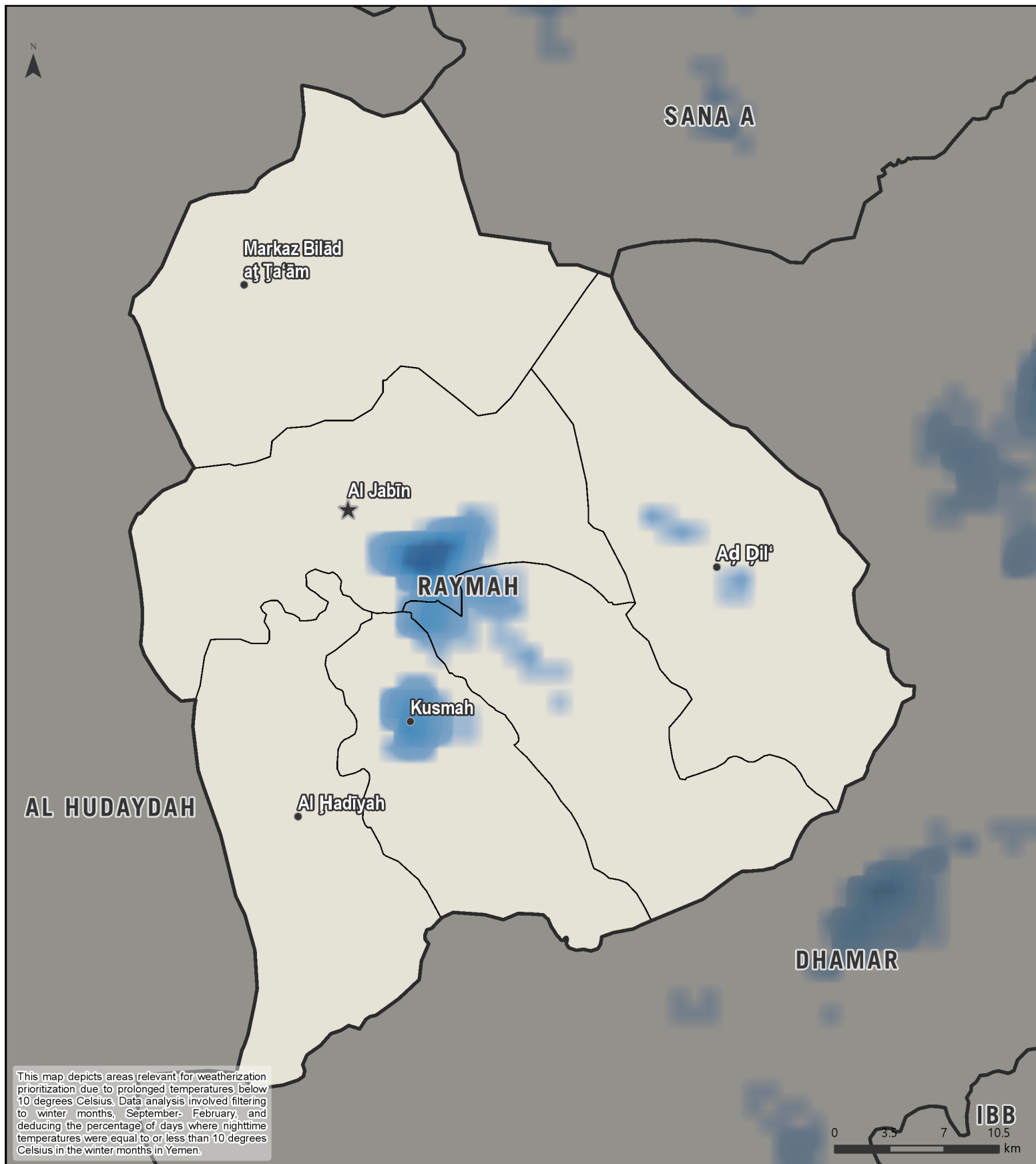


- Cities**
- ★ Governorate Capital
 - District Capital

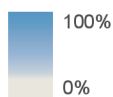
Data sources:
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 Administrative Data: OCHA
 SRTM Digital Elevation Data 30m: USGS
 Cities: SimpleMaps.com
 Imagery Data/Analysis Platform: Google Earth Engine
 Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
 File: REACH_YEM_Map_Shelter_Weatherization_16MAY2019_A1
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Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2



% of Winter Nights Below 10 C



Cities

- ★ Governorate Capital
- District Capital

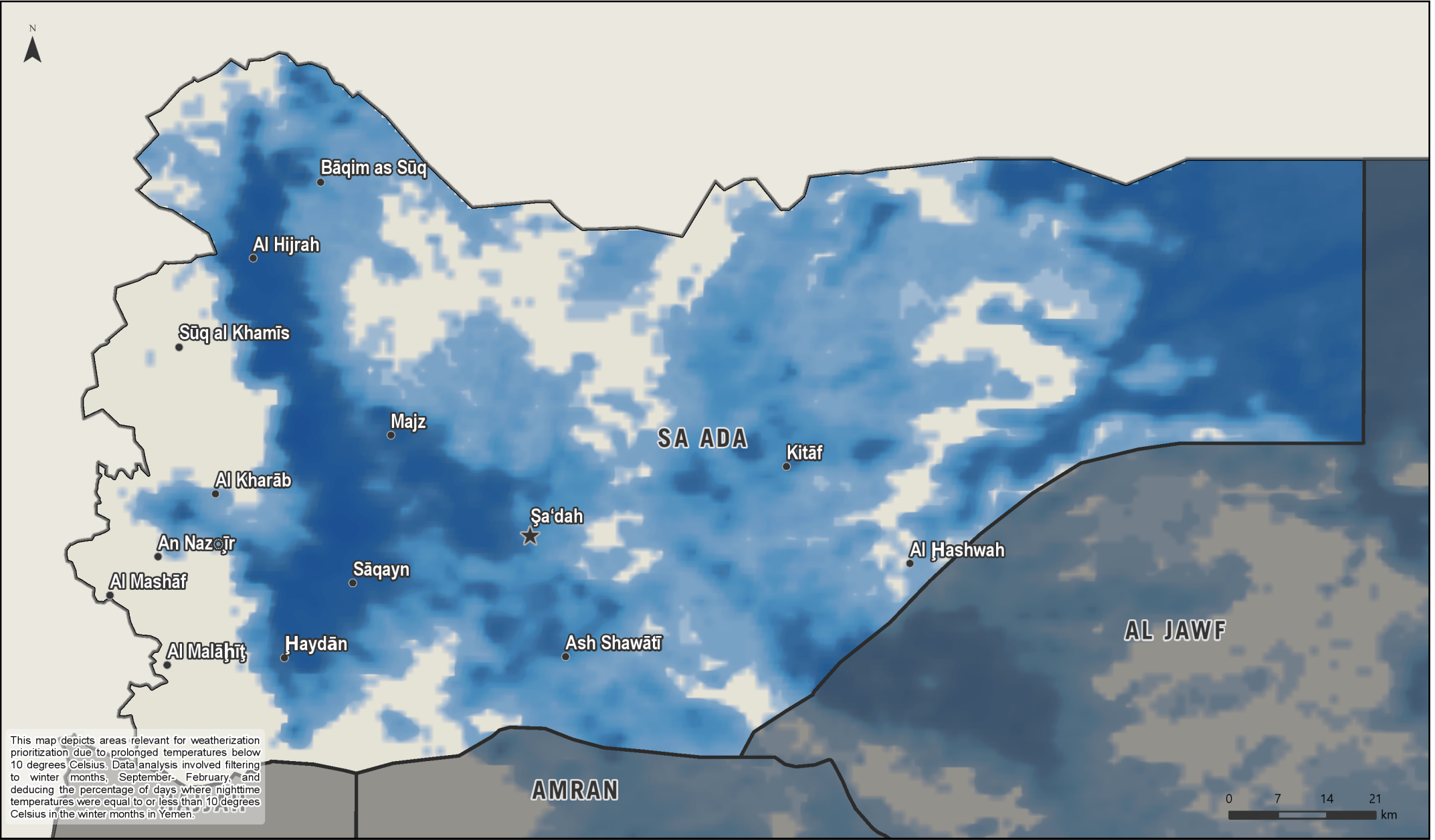
Data sources:
 Temperature: MODIS Terra Land Surface Temperature and Emissivity
 Administrative Data: OCHA
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 Imagery Data/Analysis Platform: Google Earth Engine
 Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
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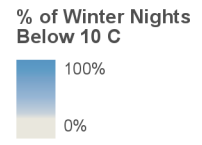
Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2

YEMEN - Weather During Winter

Sa ada Governorate



This map depicts areas relevant for weatherization prioritization due to prolonged temperatures below 10 degrees Celsius. Data analysis involved filtering to winter months, September- February, and deducing the percentage of days where nighttime temperatures were equal to or less than 10 degrees Celsius in the winter months in Yemen.



- Cities**
- ★ Governorate Capital
 - District Capital

Data sources:
Temperature: MODIS Terra Land Surface Temperature and Emissivity
Administrative Data: OCHA
SRTM Digital Elevation Data 30m: USGS
Cities: SimpleMaps.com
Imagery Data/Analysis Platform: Google Earth Engine

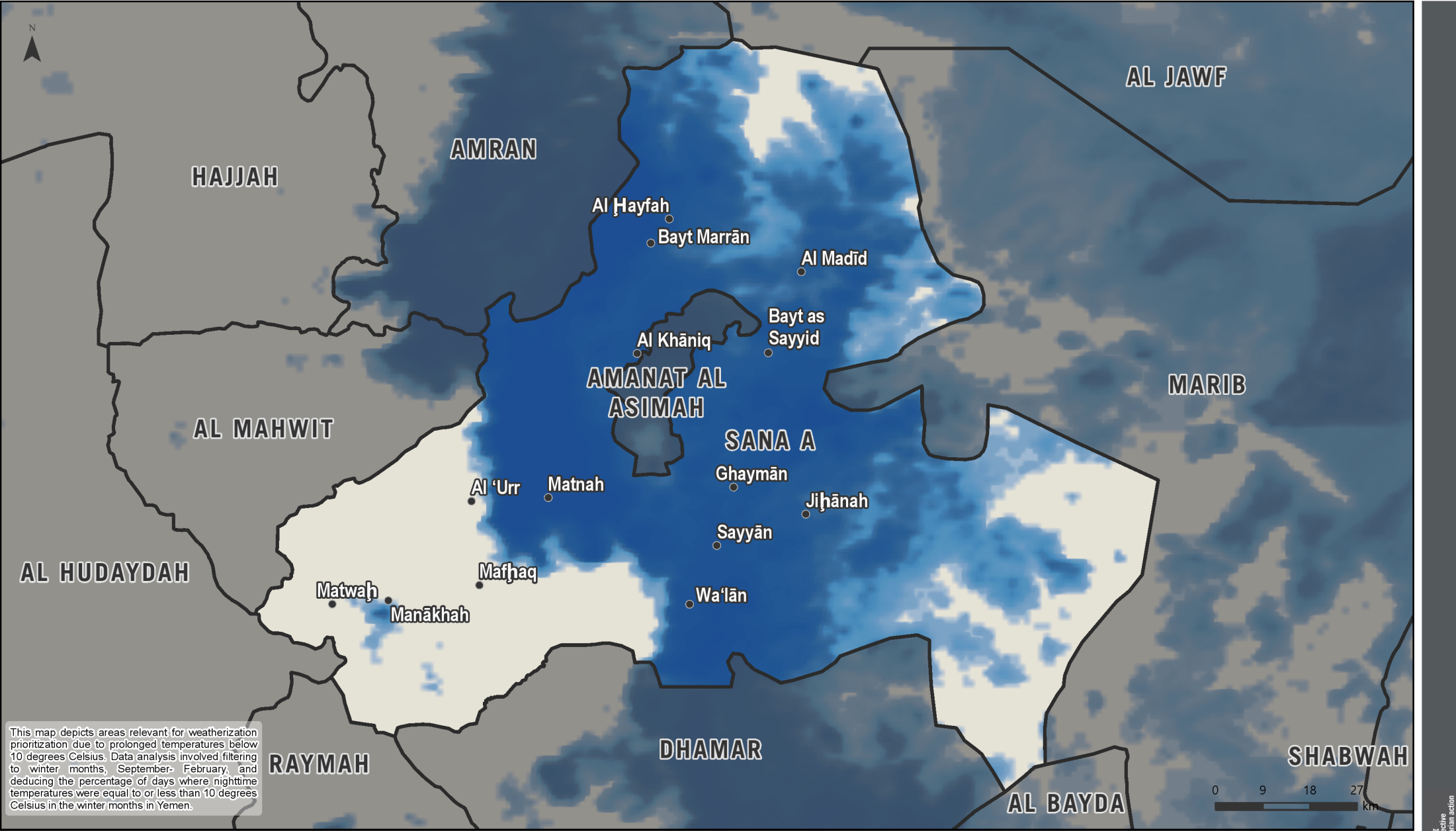
Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
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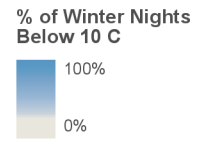
Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2

YEMEN - Weather During Winter

Sana a Governorate



This map depicts areas relevant for weatherization prioritization due to prolonged temperatures below 10 degrees Celsius. Data analysis involved filtering to winter months, September- February, and deducing the percentage of days where nighttime temperatures were equal to or less than 10 degrees Celsius in the winter months in Yemen.



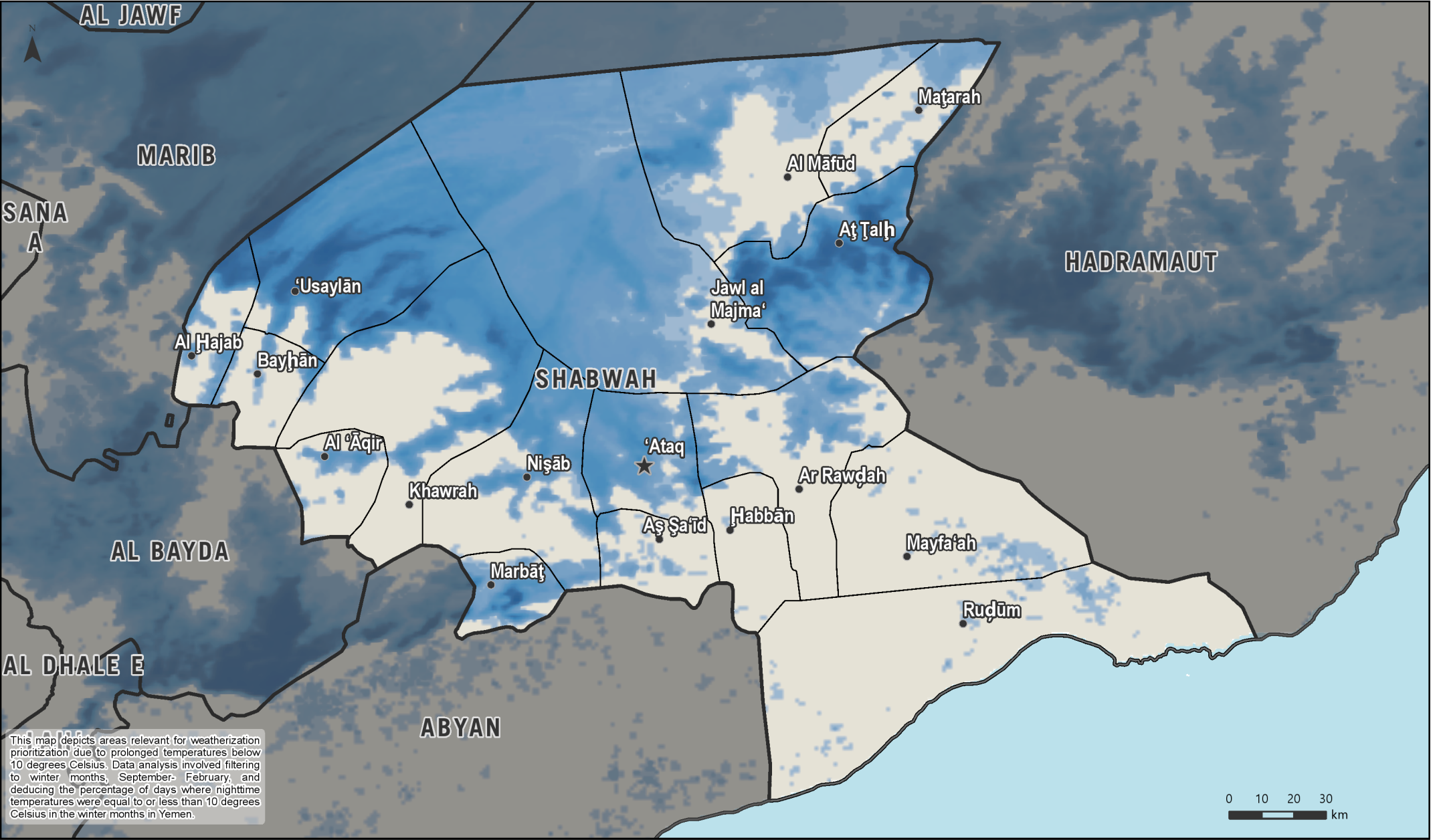
- Cities**
- ★ Governorate Capital
 - District Capital

Data sources:
Temperature: MODIS Terra Land Surface Temperature and Emissivity
Administrative Data: OCHA
SRTM Digital Elevation Data 30m: USGS
Cities: SimpleMaps.com
Imagery Data/Analysis Platform: Google Earth Engine

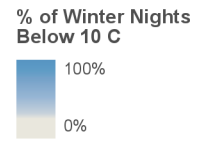
Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
File: REACH_YEM_Map_Shelter_Weatherization_16MAY2019_A1
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Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2



This map depicts areas relevant for weatherization prioritization due to prolonged temperatures below 10 degrees Celsius. Data analysis involved filtering to winter months, September- February, and deducing the percentage of days where nighttime temperatures were equal to or less than 10 degrees Celsius in the winter months in Yemen.



- Cities**
- ★ Governorate Capital
 - District Capital

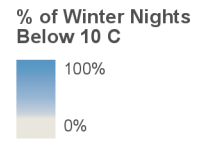
Data sources:
 Temperature: MODIS Terra Land Surface Temperature and Emissivity
 Administrative Data: OCHA
 SRTM Digital Elevation Data 30m: USGS
 Cities: SimpleMaps.com
 Imagery Data/Analysis Platform: Google Earth Engine
 Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
 File: REACH_YEM_Map_Shelter_Weatherization_16MAY2019_A1
 Contact: reach.mapping@impact-initiatives.org

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Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2



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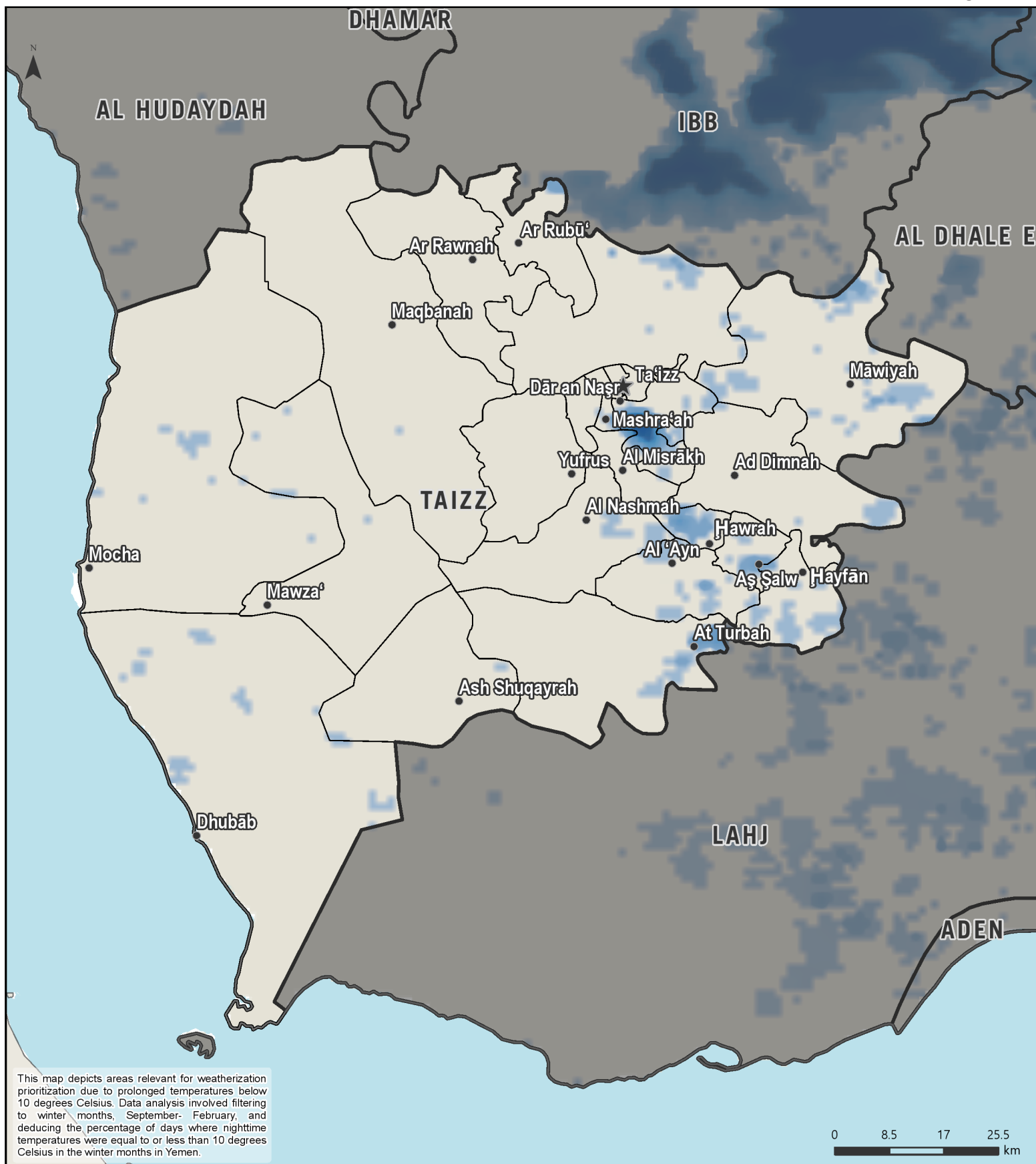


- Cities**
- ★ Governorate Capital
 - District Capital

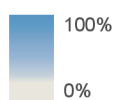
Data sources:
 Temperature: MODIS Terra Land Surface Temperature and Emissivity
 Administrative Data: OCHA
 SRTM Digital Elevation Data 30m: USGS
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Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2



% of Winter Nights Below 10 C



Cities

- ★ Governorate Capital
- District Capital

Data sources:
Temperature: MODIS Terra Land Surface Temperature and Emissivity
Administrative Data: OCHA
SRTM Digital Elevation Data 30m: USGS
Cities: SimpleMaps.com
Imagery Data/Analysis Platform: Google Earth Engine
Coordinate System: Yemen NGN 1996 UTM Zone 38N_1
File: REACH_YEM_Map_Shelter_Weatherization_16MAY20
Contact: reach.mapping@impact-initiatives.org

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Temperature data: https://developers.google.com/earth-engine/datasets/catalog/MODIS_006_MOD11A2