

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code

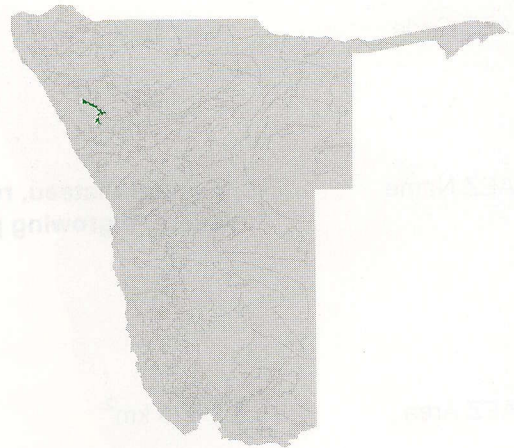
DAM1

AEZ Name

**Damaraland basalt
table mountains**

AEZ Area

953 km²



Summary of Landform Information

Codes

Landform type plateau
 General altitude range 1 200 m - 1 650 m
 Regional slope range 0 - 8 %
 Relative relief <10 m: very low relative relief
 Drainage pattern strongly oriented, radial
 Geological substrata Karoo basalt
 SOTER landform narrow plateaux
 SOTER lithology basic igneous → basalt

[t]

[CL]

[IB2]

Summary of Growing Period Information

Dominant Zone 10 Average growing period 8 days, no dependable growing period
 Associated Zone 9 Average growing period 15 days, no dependable growing period

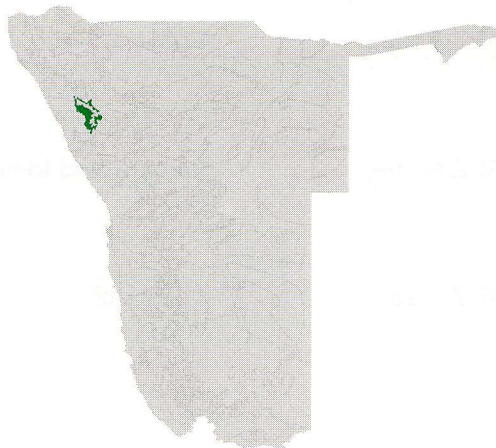
Summary of Soils Information - FAO Soils Units and Fertility Capability Classification

Dominant 80 % Lithic Leptosols very shallow soils, limited in depth by hard rock or cemented material
 Included 10 % Luvisc Arenosols sandy soils with clay-enriched subsoil, low nutrient status
 10 % Chromic Cambisols moderately developed soils with strong brown or red colours, loamy topsoil

Agricultural Potential

Ranking 10th
 Suitability sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	DAM2	
AEZ Name	Damaraland hill/footslope associations	
AEZ Area	3 515 km ²	

Summary of Landform Information	Codes
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Landform type	hills and footslopes	[hf]
General altitude range	900 m - 1 350 m	
Regional slope range	8 - 60 %	
Relative relief	100-300 m: high relative relief	
Drainage pattern	weakly oriented	
Geological substrata	Karoo basalt	
SOTER landform	medium-gradient hills	[SH]
SOTER lithology	basic igneous → basalt	[IB2]

Summary of Growing Period Information

Dominant Zone	10	Average growing period 8 days, no dependable growing period
Associated Zone	9	Average growing period 15 days, no dependable growing period

Summary of Soils Information - FAO Soils Units and Fertility Capability Classification
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Dominant	80 % Lithic Leptosols	very shallow soils, limited in depth by hard rock or cemented material
Included	10 % Luvisc Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
	10 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil

Agricultural Potential

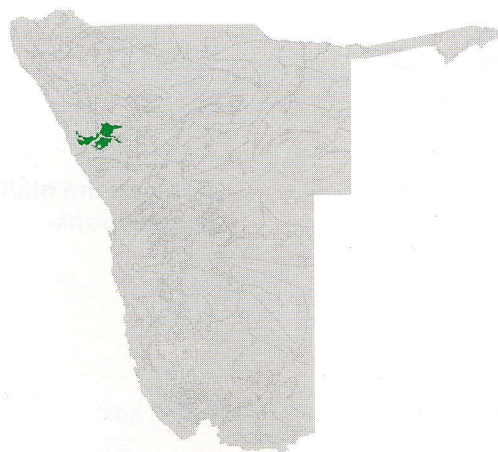
Ranking	10 th
Suitability	sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **DAM3**

AEZ Name **Damaraland lowland hills**

AEZ Area 4 409 km²



Summary of Landform Information

Codes

Landform type	hills and footslopes	[hf]
General altitude range	600 m - 900 m	
Regional slope range	8 - 60 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	metamorphic rocks	
SOTER landform	medium-gradient hills	[SH]
SOTER lithology	acid metamorphic	[MA]
	basic metamorphic	[MB]

Summary of Growing Period Information

Dominant Zone	11	No growing period
Associated Zone	10	Average growing period 8 days, no dependable growing period
	9	Average growing period 15 days, no dependable growing period
	8	Average growing period 25 days, no dependable growing period

Summary of Soils Information - FAO Soils Units and Fertility Capability Classification

Dominant	80 % Lithic Leptosols	very shallow soils, limited in depth by hard rock or cemented material
Included	10 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
	10 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil

Agricultural Potential

Ranking	11 th
Suitability	unsuitable for grazing