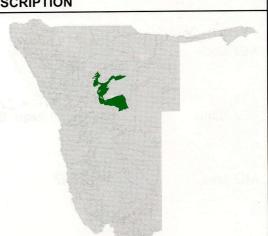
	AGNO-ECOLOGICAL	ZONE DESCRIPTION
AEZ Code	CPL1	
AEZ Name	Central Plateau, Southern O	Omatako Plain
	2	
AEZ Area	9 737 km ²	
Summary of Landforn	Information	Codes
	Trill	Codes
Landform type General altitude range Regional slope range Relative relief Drainage pattern	alluvial plain 1 200 m - 1 400 m 0 - 2 % < 10 m: very low relative relief weakly oriented	
Geological substrata SOTER landform	Kalahari sands, Karoo rocks, oplains	
SOTER lithology	unconsolidated eolian	[LP] [EU]
Collectionogy		
	clastic sediments	[SC]
	clastic sediments unconsolidated fluvial	[SC] [UF]
Summary of Growing	unconsolidated fluvial	
	unconsolidated fluvial Period Information	[UF] I 63, dependable growing period 6 days; very short
Dominant Zone	unconsolidated fluvial Period Information 4 Average growing period dependable growing pe	[UF] I 63, dependable growing period 6 days; very short
Dominant Zone Summary of Soils Info	unconsolidated fluvial Period Information 4 Average growing period dependable growing pe	[UF] I 63, dependable growing period 6 days; very short riod
Dominant Zone Summary of Soils Info Dominant	unconsolidated fluvial Period Information 4 Average growing period dependable growing period period period dependable growing period	[UF] I 63, dependable growing period 6 days; very short riod d Fertility Capability Classification moderately developed soils with strong brown or red colours, loamy topsoil
Dominant Zone Summary of Soils Info Dominant	Period Information 4 Average growing period dependable growing period dependable with the period dependable with the period dependable with the period dependable with the period dependable growing period dependable with the period depen	[UF] d 63, dependable growing period 6 days; very short riod d Fertility Capability Classification moderately developed soils with strong brown or red colours, loamy topsoil sandy soils with clay-enriched subsoil, low nutrient
Dominant Zone Summary of Soils Info Dominant	Period Information 4 Average growing period dependable growing period growing period dependable growing period growing period dependable growing period	[UF] I 63, dependable growing period 6 days; very short riod d Fertility Capability Classification moderately developed soils with strong brown or red colours, loamy topsoil sandy soils with clay-enriched subsoil, low nutrient status
Dominant Zone Summary of Soils Info Dominant Associated	Period Information 4 Average growing period dependable growing period growing period dependable growing period dependable growing period growing pe	[UF] d 63, dependable growing period 6 days; very short riod d Fertility Capability Classification moderately developed soils with strong brown or red colours, loamy topsoil sandy soils with clay-enriched subsoil, low nutrient status sandy soils, low nutrient status modal calcareous soils, sandy to loamy topsoil, basic reaction, associated with very dry moisture
Dominant Zone Summary of Soils Info Dominant Associated	Period Information 4 Average growing period dependable growing period growing period growing period dependable growing period growing growing growing gr	[UF] I 63, dependable growing period 6 days; very short riod d Fertility Capability Classification moderately developed soils with strong brown or red colours, loamy topsoil sandy soils with clay-enriched subsoil, low nutrient status sandy soils, low nutrient status modal calcareous soils, sandy to loamy topsoil, basic reaction, associated with very dry moisture regimes sandy to loamy topsoil, high lime concentrations in indurated form in subsoil, associated with very dry
Dominant Zone	Period Information 4 Average growing period dependable growing period growing period growing period dependable growing period growing growing growing gr	[UF] I 63, dependable growing period 6 days; very short riod d Fertility Capability Classification moderately developed soils with strong brown or red colours, loamy topsoil sandy soils with clay-enriched subsoil, low nutrient status sandy soils, low nutrient status modal calcareous soils, sandy to loamy topsoil, basic reaction, associated with very dry moisture regimes sandy to loamy topsoil, high lime concentrations in indurated form in subsoil, associated with very dry

CPL2 **AEZ Code**

Central Plateau, fringe plains **AEZ Name**

17 603 km² **AEZ Area**



Summary of Landform	n Information	Codes
Landform type General altitude range Regional slope range Relative relief Drainage pattern Geological substrata	plain 1 250 m - 1 700 m 0 - 2 % < 10m : very low relative relief weakly oriented Karoo clastic rocks, metamorph	[I]
SOTER landform SOTER lithology	plains clastic sediments acid metamorphic basic metamorphic	[LP] [SC] [MA] [MB]
Summary of Growing	Period Information	
Dominant Zone		Average growing period 63, dependable growing period 6 days; very short dependable growing period

Dominant Zone	period 6 days; very short dependable growing period
Associated Zone 3	Average growing period 83 days, dependable growing period 52 days (60 % of average)
Summary of Soils Information - FAO	Soils Units and Fertility Capability Classification

Summary of Soil	Summary of Soils Information - FAO Soils Units and Fertility Capability Classification		
Dominant	30 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil	
Associated	20 % Cambic Arenosols 20 % Eutric Cambisols	sandy soils, low nutrient status moderately developed soils, loamy topsoil, fair to good nutrient status	
Included	10 % Petric Calcisols	sandy to loamy topsoil, high lime concentrations in indurated form in subsoil, associated with very dry moisture regimes	
	10 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status,	
	10 % Calcic Luvisols	non-acid soils with clay enrichment and lime concentrations in the subsoil, loamy topsoil, basic reaction	

Agricultural Potential

Ranking Suitability

large stock grazing

	AGRO-ECOLOGICA	L ZONE DESCRIPTION
AEZ Code	CPL3-4	
AEZ Name	Central Plateau, strongly dissected inselberg plains average growing period 6 very short dependable gro	1-90 days,
AEZ Area	8 255 km ²	
Summary of Landforn	n Information	Codes
Landform typ General altitude range Regional slope range Relative relief Drainage pattern	inselberg plain 800 m - 1 700 m 8 - 15% 10 - 30 m: low relative relief weakly oriented	or many of Landingta [ii] statistics
Geological substrata SOTER landform SOTER lithology	granitic rocks, metamorphic dissected plains acid igneous acid metamorphic	rocks [SP] [IA] [MA]
	basic metamorphic	[MB]
Summary of Growing	Period Information	ortenatisalism > sec
Dominant Zone	4 Average growing per very short dependab	od 63, dependable growing period 6 days; le growing period
Summary of Soils Info	ormation - FAO Soils Units a	nd Fertility Capability Classification
Dominant	60 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient status
Associated	30 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status,
Included	10 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil
Agricultural Potential		
Ranking Suitability	4 th large stock grazing	Parale Standard Foreign Cambiación
		A TOP Ha

AEZ Code

CPL3-6

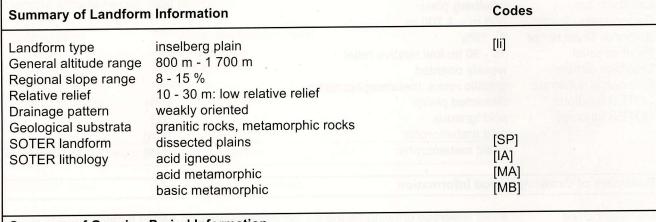
AEZ Name

Central Plateau, strongly dissected inselberg plains, average growing

period 41-60 days

AEZ Area

13 316 km²



Summary of Growing Period Information

Dominant Zone	6	Average growing period 48 days, no dependable growing period
Included Zone	5	Average growing period 58, dependable growing period 33 days (75% of the average)

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

Dominant	60 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient status
Associated	30 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
Included	10 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil

Agricultural Potential

Ranking	6 th
Cuitability	mix

Suitability mixed large stock and sheep grazing

AEZ Code CPL3-7 Central Plateau, strongly dissected inselberg plains, average growing period 21-40 days AEZ Area 17 786 km²

Summary of Landforn	m Information	Codes
Landform type	inselberg plain	conserved Landform [ii]
General altitude range	800 m - 1 700 m	
Regional slope range	8 - 15 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	Applier southing and first first and applied applied and applied applied applied and applied and applied appli
Geological substrata SOTER landform	granitic rocks, metamorphic	
SOTER lithology	dissected plains acid igneous	[SP] [IA]
30 I L K III I I I I I I I I I I I I I I I	acid igneous	[MA]
	basic metamorphic	[MB]
	, sacre metamorphie	migramulem bos
	Pariod Information	When Chambarl John
Summary of Growing	Period information	
		od 35 days, no dependable growing period
Dominant Zone		od 35 days, no dependable growing period
	7 Average growing peri	od 35 days, no dependable growing period od 25 days, no dependable growing period
Dominant Zone Associated Zone	7 Average growing peri8 Average growing peri	
Dominant Zone Associated Zone Summary of Soils Info	7 Average growing peri 8 Average growing peri ormation - FAO Soils Units a	nd Fertility Capability Classification
Dominant Zone Associated Zone	7 Average growing peri8 Average growing peri	od 25 days, no dependable growing period
Dominant Zone Associated Zone Summary of Soils Info Dominant	7 Average growing peri 8 Average growing peri ormation - FAO Soils Units a	od 25 days, no dependable growing period nd Fertility Capability Classification shallow soils, loamy topsoil, fair to good nutrient
Dominant Zone Associated Zone Summary of Soils Info Dominant	7 Average growing perions 8 Average growing perions 60 % Eutric Leptosol's	od 25 days, no dependable growing period nd Fertility Capability Classification shallow soils, loamy topsoil, fair to good nutrient status
Dominant Zone Associated Zone Summary of Soils Info Dominant Associated	7 Average growing peri 8 Average growing peri prmation - FAO Soils Units a 60 % Eutric Leptosols 30 % Luvic Arenosols	nd Fertility Capability Classification shallow soils, loamy topsoil, fair to good nutrient status sandy soils with clay-enriched subsoil, low nutrient status
Dominant Zone Associated Zone Summary of Soils Info	7 Average growing perions 8 Average growing perions 60 % Eutric Leptosol's	od 25 days, no dependable growing period nd Fertility Capability Classification shallow soils, loamy topsoil, fair to good nutrient status sandy soils with clay-enriched subsoil, low nutrien status moderately developed soils with strong brown or
Dominant Zone Associated Zone Summary of Soils Info Dominant Associated	7 Average growing peri 8 Average growing peri prmation - FAO Soils Units a 60 % Eutric Leptosols 30 % Luvic Arenosols	nd Fertility Capability Classification shallow soils, loamy topsoil, fair to good nutrient status sandy soils with clay-enriched subsoil, low nutrient status
Dominant Zone Associated Zone Summary of Soils Info Dominant Associated Included	7 Average growing peri 8 Average growing peri prmation - FAO Soils Units a 60 % Eutric Leptosols 30 % Luvic Arenosols	od 25 days, no dependable growing period nd Fertility Capability Classification shallow soils, loamy topsoil, fair to good nutrient status sandy soils with clay-enriched subsoil, low nutrien status moderately developed soils with strong brown or
Dominant Zone Associated Zone Summary of Soils Info Dominant Associated	7 Average growing peri 8 Average growing peri prmation - FAO Soils Units a 60 % Eutric Leptosols 30 % Luvic Arenosols	od 25 days, no dependable growing period nd Fertility Capability Classification shallow soils, loamy topsoil, fair to good nutrient status sandy soils with clay-enriched subsoil, low nutrien status moderately developed soils with strong brown or

AEZ Code

CPL3-9

AEZ Name

Central Plateau, strongly dissected inselberg plains, average growing

period < 10-20 days

AEZ Area

5 371 km²



form Information	Codes
	re 007-1 - re 068 - sec
	form Information

Landform type General altitude range 800 m - 1 700 m

inselberg

Regional slope range

8 - 15 %

Relative relief Drainage pattern 10 - 30 m: low relative relief

Geological substrata

weakly oriented

SOTER landform SOTER lithology

granitic rocks, metamorphic rocks dissected plains

acid igneous acid metamorphic basic metamorphic [SP] [IA]

[MA] [MB]

Summary of Growing Period Information

Average growing period 15 days, no dependable growing period **Dominant Zone**

Average growing period 8 days, no dependable growing period Associated Zone 10

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

shallow soils, loamy topsoil, fair to good nutrient 60 % Eutric Leptosols Dominant

status

sandy soils with clay-enriched subsoil, low nutrient 30 % Luvic Arenosols Associated status

moderately developed soils with strong brown or 10 % Chromic Cambisols Included

red colours, loamy topsoil

Agricultural Potential

Ranking

9th

Suitability sheep grazing only



AEZ Code

CPL4-8

AEZ Name

Central Plateau, strongly dissected plains on Karoo rocks, average growing period 21-30 days

AEZ Area

15 172 km²



Summary of Landform Information		Codes		
Landform type	hills and footslopes	[hf]		
General altitude range	700 m - 1 400 m			
Regional slope range	2 - 5 %			
Relative relief	< 10 m: very low relative relief			
Drainage pattern	weakly oriented			
Geological substrata	Nama sandstones and shales, some limestone			
SOTER landform	dissecting plains	[SP]		
SOTER lithology	clastic sediments → sandstone, greywacke, arkose	[SC2]		
	clastic sediments → shale	[SC4]		
	organic sediments → limestone, other carbonate rocks	[SO1		

0.00	26 2000	ratios to the Park Total	200
Summary of	F Growing	Dariad	Information

Dominant Zone 8 Average growing period 25 days, no dependable growing period

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

Dominant 40 % Eutric Leptosols

shallow soils, loamy topsoil, fair to good nutrient

status

40 % Rock

Included 10 % Cambic Arenosols 10 % Chromic Cambisols

sandy soils, low nutrient status

moderately developed soils with strong brown or

red colours, loamy topsoil

Agricultural Potential

Ranking

8th

Suitability

sheep grazing only

AEZ Code

CPL4-9

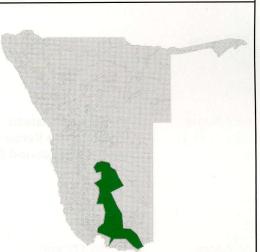
AEZ Name

Central Plateau, strongly dissected

plains on Karoo, average growing period 11-20 days

AEZ Area

45 614 km²



Summary of Landform	Codes	
Landform type General altitude range Regional slope range Relative relief Drainage pattern Geological substrata SOTER landform SOTER lithology	hills and footslopes 700 m - 1 400 m 2 - 5 % < 10 m: very low relative relief weakly oriented Nama sandstones and shales, some limestone dissected plains clastic sediments → sandstone, greywacke, arkose clastic sediments → shale organic sediments → limestone, other carbonate rocks	[hf] [SP] [SC2] [SC4] [SO1]

Summary of Growing Period Information

Dominant Zone 9 Average growing period 15 days, no dependable growing period

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

Dominant 40 % Eutric Leptosols shallow soils, loamy topsoil, fair to good nutrient

status

40% Rock

Included 10 % Cambic Arenosols sandy soils, low nutrient status

10 % Chromic Cambisols moderately developed soils with strong brown or red

colours, loamy topsoil

Agricultural Potential

Ranking

9"

Suitability

sheep grazing only

AEZ Code

CPL5

AEZ Name

Central Plateau, flat plains on metamorphic rocks

AEZ Area

16 303 km²



9

Cammary of Earlaion	n Information	Codes
Landform type General altitude range Regional slope range Relative relief	0 - 5 %	[li]
Drainage pattern	< 10 m: very low relative relief no preferred orientation	
Geological substrata	Damara metamorphic rocks	
SOTER landform SOTER lithology	plains acid metamorphic	[LP]
OCTER Infology	basic metamorphic	[MA]
Summary of Growing	Period Information	and the second of the second o
Dominant Zone	6 Average growing period	d 48 days, no dependable growing period
Summary of Soils Info	ormation - FAO Soils Units and	d Fertility Capability Classification
Dominant	40 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient
		status
	40 % Cambic Arenosols	status sandy soils, low nutrient status
Included	40 % Cambic Arenosols 10 % Luvic Arenosols	
Included		sandy soils, low nutrient status sandy soils with clay-enriched subsoil, low nutrient
Included Agricultural Potential	10 % Luvic Arenosols	sandy soils, low nutrient status sandy soils with clay-enriched subsoil, low nutrient status moderately developed soils with strong brown or
deserviça i alek ili	10 % Luvic Arenosols	sandy soils, low nutrient status sandy soils with clay-enriched subsoil, low nutrient status moderately developed soils with strong brown or

AGRICOLA 1998/1999

	AGRO-ECOLOGICAL Z	ONE DESCRIPTION
AEZ Code	CPL6	
AEZ Name	Central Plateau, flat plains on Karoo sedimentary rocks	
AEZ Area	5 791 km ²	
Summary of Landforn	n Information	Codes
Landform type General altitude range Regional slope range Relative relief Drainage pattern Geological substrata SOTER landform SOTER lithology	plain 1 350 m - 1 700 m 0 - 2 % < 10 m: very low relative relief no preferred orientation Karoo sandstones and shales plains clastic sediments → sandstone clastic sediments → shale	[I] [LP] [s, greywacke, arkose [SC2] [SC4]
Summary of Growing	Period Information	
Dominant Zone	8 Average growing period	25 days, no dependable growing period
Summary of Soils Info	ormation - FAO Soils Units and	Fertility Capability Classification
Dominant	40 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient

ı			status
		40 % Rock	
	Included	10 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
CHICAGO CONTRACTOR	r	10 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil

Agricu	Itural	Potential	
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Ranking Suitability

 8^{th}

sheep grazing only

AEZ Code

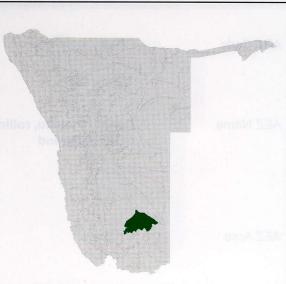
CPL7

AEZ Name

Central Plateau, flat plains with dolerite outcrops and pans

AEZ Area

12 398 km²



Summary of	f Landform	Information
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Codes

Landform type

plain

950 m - 1 050 m

General altitude range Regional slope range

0 - 2 %

Relative relief

< 10m: very low relative relief

Drainage pattern

no preferred orientation

Geological substrata

Karoo dolerite intrusions, sandstones and shales

SOTER landform SOTER lithology

plains igneous basic → dolerite [IB3]

clastic sediments → sandstone, greywacke, arkose

[SC2]

clastic sediments \rightarrow shale

[SC4]

organic sediments → limestone, other carbonate rocks [SO1]

Summary of Growing Period Information

Dominant Zone Average growing period 15 days, no dependable growing period

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

Dominant 45 % Eutric Leptosols shallow soils, loamy topsoil, fair to good nutrient

status

45 % Rock

Included 10 % Solonchaks undifferentiated saline soils (excess soluble salts),

sandy to loamy topsoil

Agricultural Potential

Ranking

Suitability

sheep grazing only

AGRICOLA 1998/1999 11

AEZ Code

CPL8

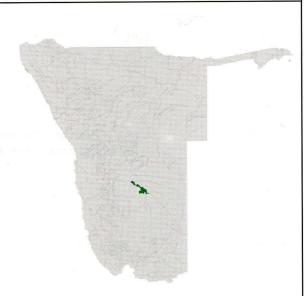
AEZ Name

Central Plateau, rolling hills

of the Kalkrand

AEZ Area

1 852 km²



Summary	of Land	torm Ir	ntormation	

Landform type

upland

[u]

Codes

General altitude range

1 250 m - 1 350 m

Regional slope range

2 - 30 %

Relative relief

10 - 30 m: low relative relief

Drainage pattern

weakly oriented

Geological substrata SOTER landform

Karoo basalt over sandstones, shales, limestones

plains SOTER lithology

 \rightarrow basalt igneous basic

[LP] [IB2]

clastic sediments → sandstone, greywacke, arkose

[SC2]

clastic sediments \rightarrow shale

[SC4]

organic sediments \rightarrow limestone, other carbonate rocks [SO1]

Summary of Growing Period Information

Dominant Zone

Average growing period 15 days, no dependable growing period

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

Dominant

45 % Eutric Leptosols

shallow soils, loamy topsoil, fair to good nutrient

status

45% Rock

Included

10 % Solonchaks

undifferentiated saline soils, sandy to loamy topsoil

Agricultural Potential

Ranking

9th

Suitability

sheep grazing only

AEZ Code

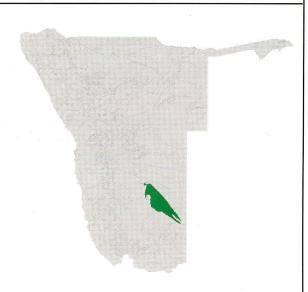
CPL9

AEZ Name

Central Plateau, flat plains of the Kalkrand, with sand drift

AEZ Area

13 622 km²



Codes

Canada y C. Zanarom		00000				
Landform type	plain	¥	(8) (5)	3	[I]	0
General altitude range	1000 m - 1 200 m					
Regional slope range	2 - 5 %					

Regional slope range Relative relief

Summary of Landform Information

< 10 m: very low relative relief

Drainage pattern Geological substrata no preferred orientation Karoo shale, sandstone, mudstone, Kalahari sand drift

SOTER landform SOTER lithology plains

clastic

clastic sediments \rightarrow sandstone, greywacke, arkose [SC2] clastic sediments \rightarrow shale [SC4]

clastic sediments \rightarrow siltstone, mudstone, claystone unconsolidated eolian

[SC3] [UE]

[LP]

Summary of Growing Period Information

Dominant Zone 9 Average growing period 15 days, no dependable growing period

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

Dominant

35 % Eutric Leptosols

shallow soils, loamy topsoil, fair to good nutrient

status

35 % Rock

Associated

20 % Ferralic Arenosols

sandy soils, poor capacity to retain nutrients,

slightly acidic

Included 10 % Solonchaks undifferentiated saline soils, sandy to loamy topsoil

Agricultural Potential

Ranking

9th

Suitability

sheep grazing only

AEZ Code

CPL₁₀

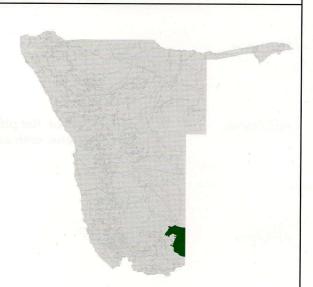
AEZ Name

Central Plateau, flat plains on Karoo rocks, with pans

and dunes

AEZ Area

10 461 km²



Summary	of	Land	form	Inf	ormation	
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Landform type

plain

General altitude range

800 m - 1 050 m

Regional slope range Relative relief

0 - 2 %

Drainage pattern

< 10 m: very low relative relief

Geological substrata

weakly oriented

SOTER landform

Karoo clastic rocks, limestone, Kalahari sand drift

SOTER lithology

plains

clastic sediments \rightarrow sandstone, greywacke, arkose [SC2] clastic sediment s → shale [SC4]

organic sediments → limestone, other carbonate rocks [SO1]

[LP]

Codes

[1]

[EU]

unconsolidated eolian

Summary of Growing Period Information

Dominant Zone Average growing period 25 days, no dependable growing period

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

Dominant

30 % Eutric Leptosols

shallow soils, loamy topsoil, fair to good nutrient

status

25 % Rock

Associated

15 % Ferralic Arenosols

sandy soils, poor capacity to retain nutrients,

slightly acidic

15 % Solonchaks

15 % Solonetz

undifferentiated saline soils, sandy to loamy topsoil

undifferentiated sodic soils (presence of excess

sodium),

Agricultural Potential

Ranking

8th

Suitability

sheep grazing only

AEZ Code

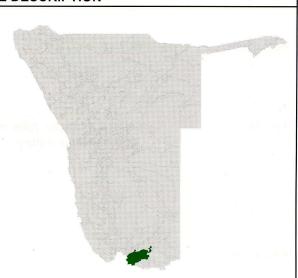
CPL11

AEZ Name

Central Plateau, hill-footslope associations on Karoo rocks

AEZ Area

6 573 km²



Summary of Landforn	Codes		
Landform type	hills and footslopes	[hf]	
General altitude range	250 m - 1 000 m		
Regional slope range	2 - 5 %		
Relative relief	100 - 300 m: high relative relief		
Drainage pattern	weakly oriented		
Geological substrata	Karoo dolerite, shale, limestone, siltstone, sandstone		
SOTER landform	medium-gradient hills	[SH]	
SOTER lithology	igneous basic → dolerite	[IB3]	
la de la companya de	clastic sediments \rightarrow sandstone, greywacke, arkose	[SC2]	
	clastic sediments → shale	[SC4]	
out-	clastic sediments → siltstone, mudstone, claystone	[SC3]	
	organic sediments → limestone, other carbonate rocks	[SO1]	

Summary of Growing Period Information

Dominant Zone 10 Average growing period 8 days, no dependable growing period

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

Dominant 50 % Eutric Leptosols

shallow soils, loamy topsoil, fair to good nutrient

status

50 % Rock

Agricultural Potential

Ranking

10th

Suitability

sheep grazing only

	AGRO-ECOLOGICAL ZON	E DESCRIPTION
AEZ Code	CPL12	
		The state of the s
AEZ Name	Central Plateau, hills of the Orange River Valley	
AEZ Area	4 945 km²	
Summary of Landforn	n Information	Codes
Landform type General altitude range Regional slope range Relative relief Drainage pattern Geological substrata	hills 300 m - 1 000 m 15 - 60 % 100 - 300 m: high relative relief strongly oriented, parallel Mokolian metamorphic rocks high-gradient hills	[h] [TH] [MA]
SOTER landform	acid metamorphic	
	acid metamorphic basic metamorphic	[MB]
	basic metamorphic	[MB]
SOTER lithology	Period Information	[MB] days, no dependable growing period
SOTER lithology Summary of Growing Dominant Zone	Period Information	days, no dependable growing period
SOTER lithology Summary of Growing Dominant Zone	Period Information 10 Average growing period 8 of the community of the co	days, no dependable growing period
SOTER lithology Summary of Growing Dominant Zone Summary of Soils Info	Period Information 10 Average growing period 8 of the community of the co	days, no dependable growing period ertility Capability Classification nallow soils, loamy topsoil, fair to good nutrient
SOTER lithology Summary of Growing Dominant Zone Summary of Soils Info	Period Information 10 Average growing period 8 of the period of the per	days, no dependable growing period ertility Capability Classification nallow soils, loamy topsoil, fair to good nutrient
SOTER lithology Summary of Growing Dominant Zone Summary of Soils Info Dominant	Period Information 10 Average growing period 8 of the period of the per	days, no dependable growing period ertility Capability Classification nallow soils, loamy topsoil, fair to good nutrient

AEZ Code

CPL13

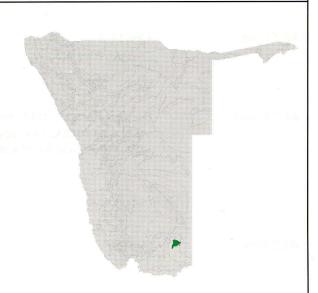
AEZ Name

Central Plateau, strongly dissected tablelands on

Karoo rocks

AEZ Area

1 338 km²



Summary of Landform Information

Codes

[hf]

Landform type

hills and footslopes

General altitude range

1 000 m - 1 500 m

Regional slope range

15 - 30 %

Relative relief

100 - 300 m: high relative relief

Drainage pattern

weakly oriented

Geological substrata

Karoo sandstones and shales

SOTER landform SOTER lithology

high-gradient hill clastic sediments \rightarrow sandstone, greywacke, arkose

clastic sediments \rightarrow shale

[TH] [SC2]

[SC4]

Summary of Growing Period Information

Dominant Zone

9

Average growing period 15 days, no dependable growing period

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

Dominant

50 % Eutric Leptosols

shallow soils, loamy topsoil, fair to good nutrient

status

50 % Rock

Agricultural Potential

Ranking

 9^{t}

Suitability

sheep grazing only

17

AEZ Code

CPL14-3

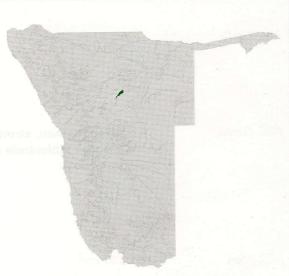
AEZ Name

Central Plateau, table mountains

on Karoo rocks, average growing period 61-90 days

AEZ Area

693 km²



Summary of Landform	Codes	
Landform type General altitude range Regional slope range Relative relief Drainage pattern Geological substrata SOTER landform SOTER lithology	mountain 1 200 m - 1 800 m 0 - 2 % > 300 m: very high relative relief no preferred orientation Karoo sandstones, shales, limestone narrow plateau clastic sediments → sandstone, greywacke, arkose clastic sediments → shale	[m] [CL] [SC2] [SC4]

organic sediments → limestone, other carbonate rocks [SO1]

Summary of Growing Period Information

Dominant Zone

Average growing period 83 days, dependable growing period 52 days (60 %3

of average)

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

Dominant

50 % Eutric Leptosols

shallow soils, loamy topsoil, fair to good nutrient

status

50 % Rock

Agricultural Potential

Ranking Suitability 3rd

Cropping Potential

large stock grazing

Unsuitable for crop production due to low dependable growing period combined

with shallow soils

AEZ Code

CPL14-9

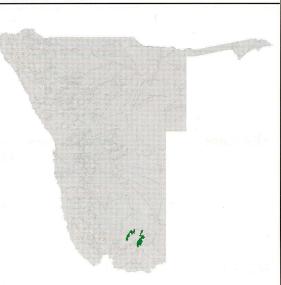
AEZ Name

Central Plateau, table mountains

on Karoo rocks, average growing period 11-20 days

AEZ Area

2 874 km²



Summary	of Landform	Information
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Landform type mountain

General altitude range 1 200 m - 1 800 m

Regional slope range

0 - 2 %

Relative relief

> 300 m: very high relative relief

Drainage pattern

no preferred orientation

Geological substrata SOTER landform

Karoo sandstones, shales, limestone narrow plateau

clastic sediments → sandstone, greywacke, arkose

[SC2]

[CL]

Codes

[m]

SOTER lithology

clastic sediments \rightarrow shale

[SC4]

organic sediments → limestone, other carbonate rocks [SO1]

Summary of Growing Period Information

Dominant Zone

9

Average growing period 15 days, no dependable growing period

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

Dominant

50 % Eutric Leptosols

shallow soils, loamy topsoil, fair to good nutrient

status

50 % Rock

Agricultural Potential

Ranking

Suitability

sheep grazing only

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AGRO-ECOLOGICAL ZONE DESCRIPTION **AEZ Code** CPL15 Central Plateau, plains on **AEZ Name** metamorphic rocks, with dune fields 6 995 km² **AEZ** Area Codes **Summary of Landform Information** [1] Landform type plain 800 m - 1 000 m General altitude range Regional slope range 2 - 5 % 10 - 30 m: low relative relief Relative relief weakly oriented Drainage pattern Geological substrata SOTER landform not applicable not applicable SOTER lithology **Summary of Growing Period Information** Average growing period 15 days, no dependable growing period **Dominant Zone** Summary of Soils Information - FAO Soils Units and Fertility Capability Classification shallow soils, loamy topsoil, fair to good nutrient 40 % Eutric Leptosols **Dominant** status 40% Rock sandy soils, poor capacity to retain nutrients, 20 % Ferralic Arenosols Associated slightly acidic **Agricultural Potential** 9th Ranking sheep grazing only Suitability

AEZ Code CPL16-2 AEZ Name Central Plateau, red Kalkveld, average growing period 91-120 days AEZ Area 2 748 km² Summary of Landform Information Codes

Carminary or Eartaronn	i illioilliation	and the state of t
Landform type General altitude range Regional slope range Relative relief Drainage pattern Geological substrata SOTER landform SOTER lithology	plain 1 000 m - 1 500 m 2 - 5 % 10 - 30 m: low relative relief weakly oriented Damara metamorphic rocks, not applicable not applicable	[I] calcrete
Summary of Growing	Period Information	Notice and Zeng Average appropriate
Dominant Zone	Average growing perions of average)	od 105 days, dependable growing period 86 days (80
Summary of Soils Info	ormation - FAO Soils Units a	nd Fertility Capability Classification
Dominant	25 % Luvic Arenosols 25 % Cambic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status sandy soils, low nutrient status
Associated	20 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil
	20 % Petric Calcisols	sandy to loamy topsoil, high lime concentrations in indurated form in subsoil, associated with very dry moisture regimes
Included	5 % Gleyic Solonetz	sodic soils with poor drainage, evidence of periodic waterlogging
	5 % Eutric Vertisols	dark cracking clays (> 35 % clay) with deficient drainage, good nutrient status
Agricultural Potential	Martin Martin Committee Co	
Ranking Suitability Cropping potential		s, often shallow; usually underlain by calcrete. can be adequate for crop growing, provided soils are

AEZ Code

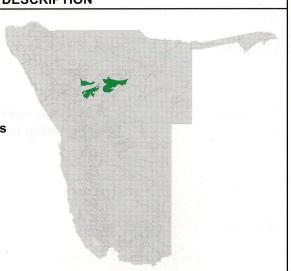
CPL16-3

AEZ Name

Central Plateau, red Kalkveld, average growing period 61-90 days

AEZ Area

10 146 km²



Summary of Landform Information

[1]

Codes

Landform type

plain

General altitude range

1 000 m - 1 500 m

Regional slope range

2 - 5 %

Relative relief

10 - 30 m: low relative relief

Drainage pattern Geological substrata weakly oriented

SOTER landform

not applicable

SOTER lithology

not applicable

Summary of Growing Period Information

Dominant Zone

3 Average growing period 83 days, dependable growing period 52days (60 %

of average)

Associated Zone

Average growing period 63, dependable growing period 6 days; very short

dependable growing period

Damara metamorphic rocks, calcrete

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

Dominant

25 % Luvic Arenosols

sandy soils with clay-enriched subsoil, low nutrient

status

25 % Cambic Arenosols

sandy soils, low nutrient status

Associated

20 % Chromic Cambisols

moderately developed soils with strong brown or

red colours, loamy topsoil

20 % Petric Calcisols

sandy to loamy topsoil, high lime concentrations in indurated form in subsoil, associated with very dry

moisture regimes

Included

5 % Gleyic Solonetz

sodic soils with poor drainage, evidence of periodic

waterlogging

5 % Eutric Vertisols

dark cracking clays (> 35 % clay) with deficient

drainage, good nutrient status

Agricultural Potential

Ranking

3rd

Suitability Cropping potential large stock grazing

Unsuitable for crop production due to low dependable growing period, combined

with shallow soils.

AEZ Code

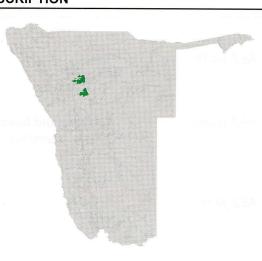
CPL16-6

AEZ Name

Central Plateau, red Kalkveld, average growing period 31-60 days

AEZ Area

3 815 km²



Summary of	Landform	Information
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Codes

[1]

Landform type

plain

General altitude range 1 000 m - 1 500 m

Regional slope range

2 - 5 %

Relative relief

10 - 30 m: low relative relief

Drainage pattern

weakly oriented

Geological substrata

Damara metamorphic rocks, calcrete

SOTER landform SOTER lithology

not applicable not applicable

Summary of Growing Period Information

Dominant Zone

6 Average growing period 48 days, no dependable growing period

Associated Zone

7 Average growing period 35 days, no dependable growing period

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

Dominant

25 % Luvic Arenosols

sandy soils with clay-enriched subsoil, low nutrient

status

25 % Cambic Arenosols

sandy soils, low nutrient status

Associated

20 % Chromic Cambisols

moderately developed soils with strong brown or

red colours, loamy topsoil

20 % Petric Calcisols

sandy to loamy topsoil, high lime concentrations in indurated form in subsoil, associated with very dry

moisture regimes

Included

5 % Gleyic Solonetz

sodic soils with poor drainage, evidence of periodic

waterlogging

5 % Eutric Vertisols

dark cracking clays (> 35 % clay) with deficient

drainage, good nutrient status

Agricultural Potential

Ranking

6th

Suitability

mixed large stock and sheep grazing

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