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Land Resources Development Centre

LAND USE SURVEY OF MALAWI, 1965-67

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(ed. I ANDERSON)

LRDC

Land Resources Development Centre
Overseas Development Administration

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INTRODUCTION

Agro-ecological surveys of Malawi were completed in the 1960s (Young & Brown, 1962; Brown & Young, 1965; Stobbs, 1971) to provide a basis for planning agricultural development. The country was divided into a series of natural regions and areas based on differences in topography, soils and vegetation, which are broadly similar to land systems and land units used widely by other workers.

In 1964, the Malawi Government requested assistance with a survey of current land use to supplement the agro-ecological survey, with the following specific objectives:

- (1) To determine the amount of land under cultivation in one season
- (2) To determine how much land remains available for the expansion of cultivation
- (3) To determine how rapidly such land is being absorbed into cultivation
- (4) To present this information in terms of geographical distribution as well as of statistics.

Accordingly, the UK Directorate of Overseas Surveys^{*} commissioned a national programme of 1/40 000 scale air photography of Malawi, and, with advice from Mr J N R Jeffers, the Principal Statistician of the UK Forestry Commission, a system of point sampling this photography was devised to produce acreage data for the land use classes recognised on the air photographs. The point samples identification of 28 000 sampling points was completed in June 1969 by Mr R G B Jones of LRD*. Reports on this work and analytical data on land use in Malawi in 1965-67 were submitted to the Malawi Department of Agriculture in December 1971.

It had been the intention of the Malawi Government to update these land use data every 5 years, by taking new air photography and repeating the sampling. Unfortunately this was not done, although land use statistics have been produced ad hoc for various districts.

The generation of such data is particularly important in an agrarian country where there is great pressure on the land. Malawi is such a country, with an officially estimated rate of population increase of 2.6% per annum. Thus, in the period since this land use survey was conceived, the population has doubled from 2.8 million to 6.3 million. At the present rate of increase, it will be over 10 million by AD 2000. Total population estimates (1921-81) and projections (1990-2000) are as follows:

* The Land Resources Development Centre, previously the Land Resources Division (LRD), was originally a part of the Directorate of Overseas Surveys.

<u>Year</u>	<u>Millions</u>
1921	1.2
1960	2.8
1970	4.5
1981	6.3
1990	7.9
2000	10.3

In the face of this population increase, the efficient use of the land resource is more important than ever, as there has not been a proportional increase in commerce and industry which could absorb the increased labour supply.

Further surveys of current land use are contemplated, with the assistance of the European Development Fund. To provide a base line against which changes in land use can be measured, it has been decided to re-issue the results of the 1960 surveys, so as to ensure that they are readily available for a wider audience.

These data, tabulated by natural region, natural area and administrative district, are therefore presented as Annexes 1-3 to this report.

One point about the data should be emphasised, namely that the gross area of cultivated land (approximately 20 000 km²) includes some recently fallowed land. The net cultivated area is perhaps half the total, i.e. about 10 000 km².

After a preliminary analysis of the results, the authors recognised that the interpretation of cultivated land had included almost all land cultivated within the 24 months prior to the photography being taken, as well as a proportion of newly cleared land, destined for cultivation in the subsequent season. The most recent (1981) estimate of the total annual cultivated area in Malawi is 15 000 km².

Notwithstanding this caveat, the data provide exceptionally detailed information of a type rarely obtainable at national level in the Third World.

METHOD

Air photography, used for the interpretation of land use categories, was flown for the whole country over three successive years, 1965, 1966 and 1967. Colour photography was taken for all areas north of 13° 45'S. Photo scale varies from 1:44 000 to 1:48 000.

The statistical method employed was based on the interpretation of the land use pattern at random points on air photo samples using a template, and, subsequently, an early-model Sirius computer for the analysis of results. The methods involved are discussed in Brunt and Rees (1965), Jeffers (1967) and Alford et al. (1972).

The merits of a random point sampling method covering the whole photography over any other method, such as measurement along line intercepts, can be summarised as follows.

- (1) The sample is spread over the whole of the photo area, and not confined to the photo base-line, as is the case with the line intercept method.
- (2) As the sampling points can be distributed at random, it is possible to calculate a fully valid estimate of the sampling error.
- (3) The sampling intensity can be determined beforehand according to the size of the sampling error considered acceptable.
- (4) As no linear measurements are involved, small scale changes within and between photographs will not affect area estimates, which, in the final analysis, are based on accepted map areas.
- (5) Photo-interpretation, being confined to the number of sampling points, is more decisive and quicker.

In operation, each photograph was sampled by means of a patterned template, on which a certain number of dots (sampling points) had been arranged at random. In order to avoid sampling the same area twice, because of the overlap, sampling was confined to the central position of each photograph. This "effective area" was calculated by reference to the lateral and forward overlap of the photography. In order to ensure that the photographs were not all sampled by the same arrangement of points, more than one template was prepared, each having its own unique distribution of sampling points. The choice of template for any photograph was then in turn made at random.

The number of points to be used on a template, and their distribution, was determined as follows.

First, calculate the total number of points required to sample the complete photo cover of an ecological, or administrative, unit in order to provide area estimates of the various land use categories, within selected error limits. This is done from the following formula:

$$N = \frac{(100-P) \cdot C}{P \cdot E^2}$$

N = the total number of sampling points

P = the percentage of the total area of the ecological or administrative unit occupied by the most critical land use category (in the first instance, P is usually an estimate made on the safe side)

C = a constant based on Student's t, taken at the 95% level of probability, and equal to 38 400

E = the percentage error within which results can be expected to fall in 95% of cases.

Thus, if the most critical land use category covers some 5% of the total area of the unit, and the sampling error is to be no greater than 5%, then, substituting in the above formula, we get:

$$\begin{aligned} N &= \frac{(100-5) \times 38\ 400}{5 \times (5)^2} \\ &= \frac{95 \times 38\ 400}{5 \times 25} \\ &= \frac{3\ 648\ 000}{125} \\ &= 29\ 184 \end{aligned}$$

Thus, in this example, if 1 000 photos are involved, the central portion of each photograph should be sampled by a template having 29 randomly distributed points.

The templates were prepared from a plastic overlay slightly larger than the photograph, on which were marked points corresponding to the fiducial marks of the photo, out of which was cut an area corresponding to the "effective area" of the photograph. The positioning of sampling points was determined by taking an area the size of this rectangle and, using graph paper containing 200 numbered squares, the necessary number of points selected by reference to a table of random number; those numbers falling within the limits of the 200 places were then marked in position.

For the Malawi survey, ten different patterns of distribution were prepared and converted by means of pins placed in hardboard into a piece of equipment which could be used to imprint the sampling pattern upon the photographs.

The principal points of all photographs were marked on the standard topographic maps in order to calculate their co-ordinates. Both maps and photographs showed the boundaries of administrative districts, and of the units of the agro-ecological survey, in order to determine the distribution of the sampling results in relation to these units. The

following information was required for each photograph in order to utilise efficiently the services of a computer:

- (a) The grid reference of the principal points of each photo
- (b) The direction of flight, numbered for each separate direction used, and with the heading always marked on the photograph to ensure that the sampling pattern is marked at right angles to the line of flight without being inverted
- (c) The administrative district in which the photo falls
- (d) The map sheet on which it lies
- (e) The natural region and area within which the sampling points occur
- (f) The template pattern used
- (g) The land use category at each sampling point.

Fifteen classes of land use were defined, as follows.

A. Cultivated

1. Dry land cultivation, showing as a clear field pattern, free of vegetation except for shade trees and stumps. Includes a proportion of indistinguishable recent fallow, up to 12-24 months old.
2. Dambo and floodplain cultivation Clear field pattern in treeless grassland drainage grooves, seasonally waterlogged, and in the seasonal swamp grassland margins of the lakes and marshes. Grows rice, and catch crops which make use of the late season falling watertable. Fields generally smaller in size than Class 1, and may be bounded by earth ridges.
3. Dimba cultivation Intensively cultivated patterns of small semi-permanent fields bounded by rows of trees, bushes, or perennial crops such as bananas. Found on the terraces and levees of floodplains, and on alluvial fans; areas with above average fertility, where the perennially high watertable gives freedom from total dependence upon variable rainfall.
4. Estates and plantations (including uncultivated estates and planted woodland)
 - (i) Tea
 - (ii) Tung
 - (iii) Coffee
 - (iv) Planted forest and fuelwood plantations
 - (v) Tobacco
 - (vi) Sugar
 - (vii) Other crops including pasture
 - (viii) Uncultivated

Note (i)-(viii) identified on photography on experimental basis, but not included in analysis.

B. Uncultivated

5. Recent fallow with field pattern still readily discernible; includes land fallow from 1 or 2 years up to 8 years.
6. Extensive low-lying swamp grasslands (seasonally flooded) and marshes (perennially flooded) associated with river floodplains and lake basins.
7. Seasonally waterlogged or flooded treeless grassland drainage grooves, with weakly defined or indeterminate drainage line (Dambos).
8. Uncultivated but potentially cultivable - includes land undisturbed for more than 20 years.
9. Long fallow uncultivated from between 4 and 8 years up to 20 years or more. This is identified by containment within areas predominantly 1 and 5, and/or by variable tree size and density indicating stages of regrowth, although field outlines may no longer be discernible, or only faintly so.
10. Uncultivated, of low quality because of topography or soil, or both. Quality generally of USDA Soil Conservation Class V or lower.
11. Uncultivated, under predominantly C. mopane vegetation, with consequent soil management problems to be solved.

C. Uncultivable

12. Steep and rugged country including mountains, scarps, gorges, areas of rock, and close dissection. Absence of soil, broken surface, or steepness (slopes predominantly over 15°) precludes cultivation.
13. Lakes, ponds, rivers and streams. (Water surfaces).
14. Towns and villages. Houses, roads and compounds surrounding houses.
15. Severe erosion areas.

In interpreting the total areas of these categories derived from the survey, the following points are important.

- (i) The total area under A gives the land under cultivation in the season prior to the photography. This figure is in excess of the actual cultivation due to inclusion of fallow of less than 24 months standing (see Introduction).
- (ii) The total area under B gives the land available for expansion of cultivation. It should be noted, however, that, where the

total is mainly composed of Classes 5 and 9, extension of cultivation can only be achieved by intensifying the existing form of agriculture; where it is composed mainly of Classes 6, 7 and 11, there are management problems which may involve research, and cultivation may require sophisticated management and engineering works; where it is mainly of Class 10, the probability of low yields and management problems makes cultivation economically marginal. Only where Class 8 predominates are there untapped reserves of land available for cultivation without major problems.

The whole exercise depends upon the accuracy of photo identification obtainable. Photo identification was therefore checked against ground identification which was carried out at the time the air photography was taken, so that the state of agriculture which the field officer describes at any given point is that actually visible on the photograph. From this information, interpretative criteria were refined, and categories of land use were modified to take account of the problems of the photo interpreter.

Categories requiring a subjective judgement, to differentiate, for example, between classes of dry land cultivation, recent fallow and old fallow are difficult to identify on the photography, and, in these cases, ground checking was used to reveal the degree of photo interpretation error involved. This unresolved error was then catered for by overlapping the definitions. A deliberate bias was introduced wherever a sampling point was in doubt between the subjective categories, by emphasising the land under cultivation.

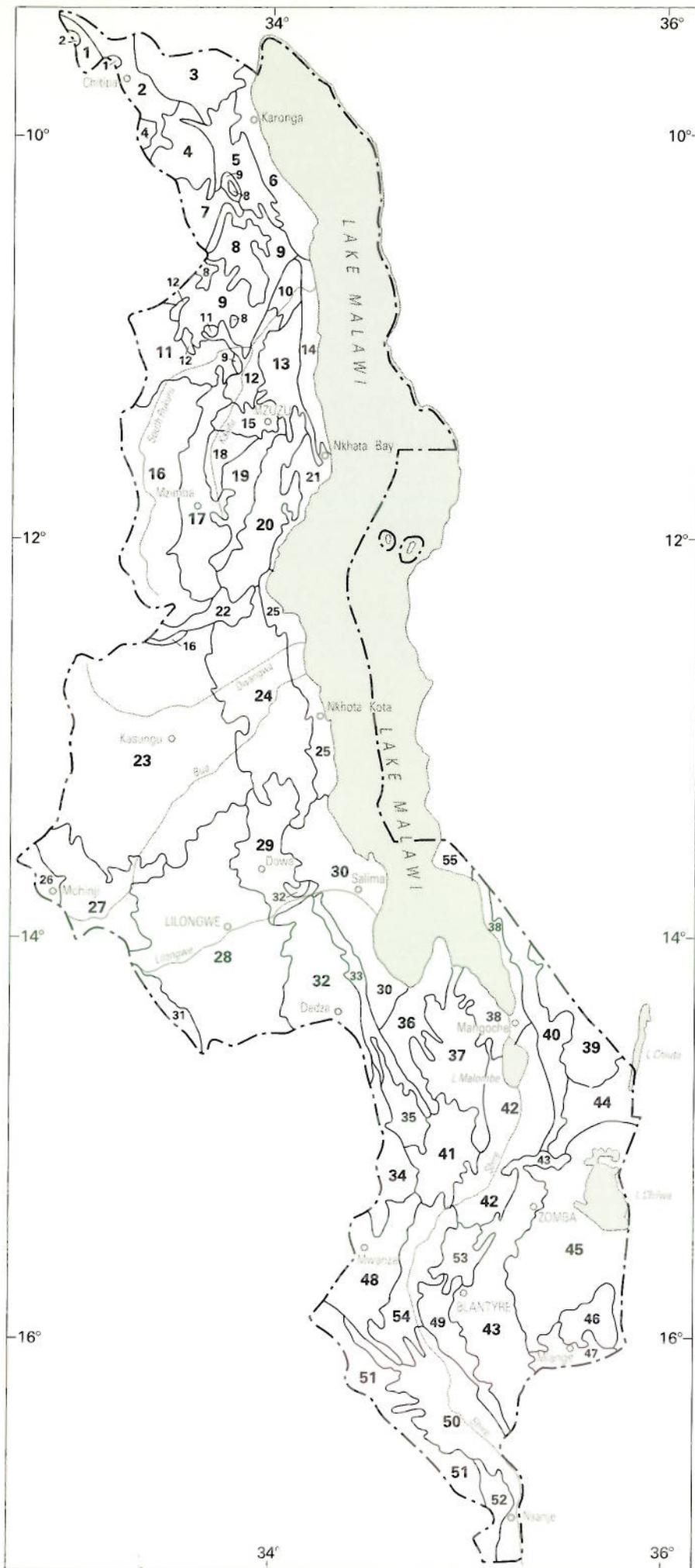
The photo criteria used were stereoscopic quality, tone and texture. Tone or texture charts were not used because these would have tended to produce different answers between one group of photographs and another, or even between individual photographs, but the ground checks helped to indicate whether or not the site was clear ground, or regrowth of a particular age in any particular area.

RESULTS

Text Map 1 shows the natural regions of Malawi.

The results of the analysis are tabulated in Tables 1-5 and in Annexes 1-3. Table 1 lists the administrative districts and their areas and Table 2 summarises the cultivation status of land in each district (cultivated, uncultivated and uncultivable). Table 3 lists the natural regions and natural areas and their areas, but also indicates the years in which the air photography was flown; Table 4 summarises the cultivation status of land in each natural area. Table 5 provides the total area of Malawi as measured by different methods.

Annexes 1-3 tabulate the area of each land use class, by administrative district, natural region and natural area respectively.



- 1 Ruwenya Hills
- 2 Chitipa Plain
- 3 Misuku Hills
- 4 Plateaux and Hills of the Upper Lufira
- 5 Karonga Scarp Zone
- 6 Karonga Lakeshore Plain
- 7 Plains and Hills west of the Nyika
- 8 Nyika Plateau
- 9 Nyika Hills
- 10 Livingstonia Hills
- 11 Luwewe Plain
- 12 Lower South Rukuru and Lower Kasitu Valley
- 13 North Vipya Plateaux and Hills
- 14 Lakeshore Scarp Zone
- 15 Middle Kasitu Valley
- 16 Upper South Rukuru Valley
- 17 Central Mzimba Hills
- 18 Upper Kasitu Valley
- 19 Vipya Plateau
- 20 East Vipya Scarp Zone
- 21 Nkata Bay Lakeshore Lowlands
- 22 Chimaliro Hills
- 23 Kasungu Plain
- 24 Nkhota Kota Scarp Zone
- 25 Nkhota Kota Lakeshore Lowlands
- 26 Mchinji Hills
- 27 Upper Bua Plain
- 28 Lilongwe Plain
- 29 Dowa Hills
- 30 Salima Lakeshore Plain
- 31 Dzalanyama Range
- 32 Dedza Hills
- 33 Dedza Scarp Zone
- 34 Ncheu Scarp Zone
- 35 Ncheu Region
- 36 Bwaanje Valley
- 37 Pirilongwe Hills
- 38 Mangoché Lakeshore Plain
- 39 Namweras Plain
- 40 Namizimu Escarpment
- 41 Balakas Region
- 42 Upper Shire Valley
- 43 Shire Highlands
- 44 Kawinga Plain
- 45 Chilwa-Palombe Plain
- 46 Mlanje Massif
- 47 Upper Ruo Valley
- 48 Mwanza Escarpment
- 49 Chikwawa-Thyolo Escarpment
- 50 Lower Shire Valley
- 51 Lower Shire Hills
- 52 Nsanje Hills
- 53 Chileka Region
- 54 Middle Shire Valley
- 55 Makanjilla Peninsula

Note:
 Derived from map sheets 1 to 3, Malawi Natural Regions and Areas. [See Young and Brown (1962), Brown and Young (1965) and Stobbs (1971)]



TEXT MAP 1 Natural Regions of Malawi

TABLE 1 Administrative districts by area (km²)

<u>District</u>	<u>Area (km²)</u>
Mangoche	6 527
Machinga	6 149
Zomba	2 176
Mulanje	3 377
Thyolo	1 451
Nsanje	2 047
Chikwawa	5 211
Blantyre	4 327
Chiradzulu	763
Ncheu	3 474
Dedza	3 924
Lilongwe	6 265
Mchinji	3 217
Dowa + Ntchisi	4 659
Nkhota Kota + Salima	6 725
Kasungu	7 528
Mzimba	10 029
Nkhata Bay	4 379
Karonga + Chitipa	7 581
Rumphi	4 427
	Total 94 236

Notes: 1. The water areas of Lakes Malawi, Chilwa, Chiuta and Malombe are excluded.

2. The areas are taken from Federal series 1:250 000 map sheets measured by planimeter.

TABLE 2 Summary of cultivation status by administrative district

Administrative District	Cultivated km ²	S.E.	Uncultivated km ²	S.E.	Uncultivable km ²	S.E.
Mangoche	1 701	31	3 659	36	1 167	27
Machinga	1 567	39	3 924	43	658	28
Zomba	923	23	908	23	345	17
Mulanje	1 345	31	1 254	31	778	27
Thyolo	819	20	443	19	189	14
Nsanje	322	20	1 212	27	513	24
Chikwawa	839	32	2 978	44	1 393	39
Blantyre	1 156	32	2 005	36	1 166	32
Chiradzulu	509	21	167	18	87	14
Ncheu	1 068	32	1 684	34	723	28
Dedza	1 569	36	1 709	37	645	27
Lilongwe	3 228	47	2 316	45	721	30
Mchinji	790	28	2 309	30	119	12
Dowa + Ntchisi	1 039	32	3 517	33	104	11
Nkhota Kota + Salima	659	28	5 861	31	205	16
Kasungu	709	29	6 735	31	84	11
Mzimba	1 655	41	8 010	44	364	20
Nkhata Bay	168	13	4 105	17	106	11
Karonga + Chitipa	473	21	6 102	34	1 006	29
Rumphi	107	10	4 142	15	177	12
Total	20 646 km ² (21.9%)		63 040 km ² (66.9%)		10 550 km ² (11.2%)	
S.E. = Standard Error						

TABLE 3 Natural regions and areas, and year of photography, by area (km²) - see Text Map 1

Natural Regions and Areas*		Area (km ²)			
		Year of photography			
		1967	1966	1965	Total
1. Ruwenya Hills	1a	179.56			179.56
	1b	45.95			45.95
					<u>225.51</u>
2. Chitipa Plain	2a	673.57			673.57
	2b	217.98			217.98
	2c	96.69			96.69
	2d	98.37			98.37
	2e	26.91			26.91
	2f	5.98			5.98
					<u>1 119.50</u>
3. Misuku Hills	3a	342.76			342.76
	3b	66.15			66.15
	3c	27.94			27.94
	3d	253.01			253.01
	3e	104.38			104.38
	3f	69.49			69.49
	3g	63.19			63.19
	3h	171.89			171.89
	3i	23.20			23.20
					<u>1 122.01</u>
4. Plateaux and Hills of the Upper Lufira	4a	14.76			14.76
	4b	97.97			97.97
	4c	173.82			173.82
	4d	127.00			127.00
	4e	745.19			745.19
	4f	27.03			27.03
	4g	14.79			14.79
					<u>1 200.56</u>

Notes: 1. Areas of Lake Malawi, Chilwa, Malombe and Chiuta excluded.

2. The hills, scarps, gorges, marshes and lacustrine sands mapping units shown on Map Sheets 1-3, Malawi Natural Regions and Areas, are amalgamated with their adjacent natural areas and are not dealt with as separate units in the national land use analysis. 1:50 000 maps showing the distribution of the amalgamated units are held in LRDC archives.

TABLE 3 Continued

Natural Regions and Areas		Area (km ²)			
		Year of photography			
		1967	1966	1965	Total
5. Karonga scarp zone	5a	498.23			498.23
	5b	16.87			16.87
	5c	148.92			148.92
	5d	692.97			692.97
	5e	69.31			69.31
	5f	72.03			72.03
	5g	33.27			33.27
				1 531.60	
6. Karonga lake shore plain	6a	207.45			207.45
	6b	124.50			124.50
	6c	112.42			112.42
	6d	130.56			130.56
	6e	72.10			72.10
	6f	24.08			24.08
	6g	20.30			20.30
	6h	2.76			2.76
	6i	79.65			79.65
	6j	184.36			184.36
	6k	55.61			55.61
	6l	34.34			34.34
				1 048.13	
7. Plains and hills west of the Nyika	7a	168.30			168.30
	7b	251.42			251.42
	7c	64.87			64.87
	7d	35.40			35.40
	7e	31.51			31.51
	7f	124.37			124.37
				675.87	
8. Nyika Plateau	8a	222.26			222.26
	8b	566.36			566.36
	8c	265.63			265.63
	8d	27.18			27.18
				1 081.43	
9. Nyika Hills	9a	609.40			609.40
	9b	512.53	3.1		515.63
	9c	417.19			417.19
	9d	632.60	191.65		824.25
				2 366.47	

TABLE 3 Continued

Natural Regions and Areas		Area (km ²)			
		Year of photography			
		1967	1966	1965	Total
10. Livingstonia Hills	10a	10.91			10.91
	10b	73.25			73.25
	10c	31.36			31.36
	10d	6.93			6.93
	10e	12.44			12.44
	10f	78.84			78.84
	10g	181.61			<u>181.61</u>
				395.34	
11. Luwewe Plain	11a	378.51	644.91		1 023.42
	11b	36.45			36.45
	11c	53.25	75.11		128.36
	11d	53.46	11.02		<u>64.48</u>
				1 252.71	
12. Lower South Rukuru and Lower Kasitu Valley	12a	58.31	110.72		169.04
	12b	199.79	125.10		324.89
	12c		200.59		200.59
	12d		82.15		<u>82.15</u>
				776.67	
13. North Vipya Plateaux and Hills	13a	119.17	127.55		246.72
	13b	40.81	41.75		82.56
	13c	51.06	253.35		304.41
	13d	80.29	458.52		538.81
	13e		112.20		112.20
	13f		103.30		<u>103.30</u>
				1 388.00	
14. Lake Shore Scarp Zone	14a	99.40	144.30		243.70
	14b	65.61			65.61
	14c	2.45	33.90		36.35
	14d	7.77	12.87		<u>20.64</u>
				366.30	
15. Middle Kasitu Valley	15a		423.56		423.56
	15b		144.11		144.11
	15c		7.45		7.45
	15d		10.80		<u>10.80</u>
				585.92	

TABLE 3 Continued

Natural Regions and Areas		Area (km ²)			
		Year of photography			
		1967	1966	1965	Total
16. Upper South Rukuru Valley	16a		1 504.46		1 504.46
	16b		151.14		151.14
	16c		705.63		705.63
	16d		1 117.23		1 117.23
	16e		164.50		164.50
	16f		131.57		131.57
	16g/16h		359.21		359.21
				<u>4</u>	133.74
17. Central Mzimba Hills	17a		259.28		259.28
	17b		367.53		367.53
	17c		81.10		81.10
	17d		901.44		901.44
	17e		429.34		429.34
				<u>2</u>	038.69
18. Upper Kasitu Valley	18a		102.64		102.64
	18b		137.68		137.68
	18c		58.21		58.21
	18d		186.21		186.21
				<u>4</u>	484.74
19. Vipya Plateau	19a		102.68		102.68
	19b		379.63		379.63
	19c		288.64		288.64
	19d		87.64		87.64
	19e		50.52		50.52
				<u>5</u>	909.11
20. East Vipya Scarp Zone	20a		1 023.98		1 023.98
	20b		539.41		539.41
	20c		258.80		258.80
	20d		221.49		221.49
				<u>4</u>	2 043.68
21. Nkata Bay Lake Shore Lowlands	21a		366.10		366.10
	21b		209.35		209.35
	21c		38.35		38.35
	21d		27.25		27.25
	21e		39.80		39.80
	21f		88.72		88.72
	21g		107.60		107.60
				<u>7</u>	877.17

TABLE 3 Continued

Natural Regions and Areas		Area (km ²)			
		Year of photography			
		1967	1966	1965	Total
22. Chimaliro Hills	22a		183.47		183.47
	22b		234.26		<u>234.26</u>
					417.83
23. Kasungu Plain	23a		1 301.70		1 301.70
	23b		1 611.43		1 611.43
	23c		3 798.70		3 798.70
	23d		2 677.55		2 677.55
	23e		367.60		367.60
	23f		200.17		200.17
					<u>9 957.15</u>
24. Nkhota Kota scarp Zone	24a		2 178.57		2 178.57
	24b		1 183.78		1 183.78
	24c		635.64		635.64
	24d		603.04		603.04
					<u>4 601.03</u>
25. Nkhota Kota Lake shore Lowlands	25a		199.40		199.40
	25b		456.73		456.73
	25c		67.54		67.54
	25d		281.25		281.25
					<u>1 004.92</u>
26. Mchinji Hills	26a		222.20	99.85	322.05
	26b		83.00	9.25	<u>92.25</u>
					414.30
27. Upper Bua Plain	27a		124.60	888.35	1 012.95
	27b		829.92	229.85	<u>1 059.77</u>
					2 072.72
28. Lilongwe Plain	28a			2 073.61	2 073.61
	28b		1 126.54	374.54	1 501.08
	28c			187.86	187.86
	28d			392.07	392.07
	28e		329.39	841.78	1 171.17
	28f			1 391.72	1 391.72
	28g		27.34	767.25	794.59
					<u>7 512.10</u>
29. Dowa Hills	29a		382.36		382.36
	29b		236.09		236.09
	29c		100.80		100.80
	29d		736.39	323.19	1 059.58
	29e		66.83		66.83
					<u>1 845.66</u>

TABLE 3 Continued

Natural Regions and Areas		Area (km ²)			
		Year of photography			
		1967	1966	1965	Total
30. Salima Lake Shore Plain	30a		352.89	80.30	433.10
	30b		313.29	202.68	515.97
	30c		200.54	430.55	631.09
	30d			72.07	72.07
	30e		35.40	31.35	66.75
	30f		90.50		90.50
	30g		596.25	361.95	958.20
	30h			68.62	68.62
<u>2 836.30</u>					
31. Dzalanyama Range	31a			312.65	312.65
<u>312.65</u>					
32. Dedza Hills	32a			551.94	551.94
	32b			504.02	504.02
	32c			425.02	425.02
	32d			66.06	66.06
	32e		12.05	478.76	490.81
<u>2 037.85</u>					
33. Dedza Scarp Zone	33a			375.09	375.09
	33b			520.10	520.10
	33c			53.67	53.67
<u>948.86</u>					
34. Ncheu Scarp Zone	34a			298.70	298.70
	34b			677.50	677.50
<u>976.20</u>					
35. Ncheu Region	35a			172.00	172.00
	35b			481.00	481.00
	35c			171.30	171.30
<u>824.30</u>					
36. Bwaanje Valley	36a			155.90	155.90
	36b			213.60	213.60
	36c			312.20	312.20
	36d			64.40	64.40
	36e			83.60	83.60
<u>829.70</u>					

TABLE 3 Continued

Natural Regions and Areas		Area (km ²)			
		Year of photography			
		1967	1966	1965	Total
37. Piri-longwe Hills	37a			595.50	595.50
	37b			85.20	85.20
	37c			724.40	724.40
	37d			114.90	114.90
	37e			160.20	160.20
	37f			190.00	190.00
	37g			350.10	350.10
	37h			49.80	49.80
				<u>2 270.10</u>	
38. Mangoche Lakeshore Plain	38a			81.80	81.80
	38b			232.90	232.90
	38c			551.90	551.90
	38d			193.40	193.40
	38e			69.40	69.40
				<u>1 129.40</u>	
39. Namweras Plain	39a			320.10	320.10
	39b			301.10	301.10
	39c			689.30	689.30
	39d			104.30	104.30
				<u>1 414.80</u>	
40. Namizimu Escarpment	40a			728.60	728.60
	40b			408.40	408.40
	40c			66.90	66.90
	40d			220.30	220.30
	40e			78.00	78.00
				<u>1 502.20</u>	
41. Balakas Region	41a			336.60	336.60
	41b			41.80	41.80
	41c			90.20	90.20
	41d			330.60	330.60
	41e			538.80	538.80
	41f			274.70	274.70
				<u>1 612.70</u>	
42. Upper Shire Valley	42a			542.90	542.90
	42b			695.70	695.70
	42c			1 151.80	1 151.80
	42d			328.10	328.10
				<u>2 718.50</u>	

TABLE 3 Continued

Natural Regions and Areas		Area (km ²)			
		Year of photography			
		1967	1966	1965	Total
43. Shire Highlands	43a			174.10	174.10
	43b			63.70	63.70
	43c			181.00	181.00
	43d			122.10	122.10
	43e			966.70	966.70
	43f			187.10	187.10
	43g			357.60	357.60
	43h			577.90	577.90
	43i			217.00	217.00
	43j			323.40	323.40
	43k			82.10	82.10
					<u>3 252.70</u>
	44. Kawinga Plain	44a			289.70
44b				438.50	438.50
44c				205.80	205.80
44d				164.20	164.20
				<u>1 098.20</u>	
45. Chilwa-Palombe Plain	45a			86.80	86.80
	45b			326.90	326.90
	45c	1		282.80	1 282.80
	45d	1		180.50	1 180.50
	45e			470.30	470.30
	45f	1		050.70	1 050.70
	45g			183.50	183.50
				<u>4 581.50</u>	
46. Mlanje Massif	46a			533.20	533.20
	46b			131.00	131.00
	46c			51.50	51.50
	46d			49.30	49.30
				<u>765.00</u>	
47. Upper Ruo Valley	47a			170.40	170.40
	47b			206.10	206.10
	47c			88.20	88.20
				<u>464.70</u>	

TABLE 3 Continued

Natural Regions and Areas		Area (km ²)			
		Year of photography			
		1967	1966	1965	Total
48. Mwanza Escarpment	48a			142.60	142.60
	48b			434.00	434.00
	48c			327.90	327.90
	48d			116.00	116.00
	48e			407.20	407.20
	48f			130.00	130.00
	48g			123.90	123.90
	48h			203.90	203.90
				<u>1 885.50</u>	
49. Chikwawa-Thyolo Escarpment	49a			292.50	292.50
	49b			221.50	221.50
	49c			505.30	505.30
				<u>1 019.30</u>	
50. Lower Shire Valley	50a			173.50	173.50
	50b			549.30	549.30
	50c			747.80	747.80
	50d			297.60	297.60
	50e			72.70	72.70
	50f			409.50	409.50
	50g			49.20	49.20
	50h			280.50	280.50
	50i			153.00	153.00
	50j			11.10	11.10
					<u>2 744.20</u>
51. Lower Shire Hills	51a			20.00	20.00
	51b			352.80	352.80
	51c			788.60	788.60
	51d			539.10	539.10
	51e			207.50	207.50
	51f			71.40	71.40
				<u>1 979.40</u>	
52. Nsanje Hills	52a			49.50	49.50
	52b			350.10	350.10
	52c			217.60	217.60
				<u>617.20</u>	
53. Chileka Region	53a			267.20	267.20
	53b			280.60	280.60
	53c			143.50	143.50
				<u>691.30</u>	

TABLE 3 Continued

Natural Regions and Areas	Area (km ²)			
	Year of photography			
	1967	1966	1965	Total
54. Middle Shire Valley 54a 54b 54c 54d 54e 54f			441.30	441.30
			130.80	130.80
			271.30	271.30
			74.50	74.50
			296.70	296.70
			416.30	416.40
			<u>1 630.90</u>	
55. Makanjilla Peninsula 55a 55b 55c			70.00	70.00
			149.10	149.10
			149.10	149.10
			<u>368.20</u>	
National Total			93 960.52 km ²	

TABLE 4 Summary of cultivation status by natural area

Natural Area	Cultivated km ²	S.E.	Uncultivated km ²	S.E.	Uncultivable km ²	S.E.
1a	3	2	107	7	69	7
1b	6	2	32	3	8	2
2a	55	7	588	9	31	6
2b	7	3	170	7	40	7
2c	6	2	82	4	9	3
2d	11	3	75	4	12	3
2e	3	2	20	2	3	2
2f	3	1	3	1	0	-
3a	51	8	235	10	56	8
3b	5	2	49	4	12	4
3c	2	1	18	3	8	2
3d	11	3	199	7	43	6
3e	11	3	61	5	32	5
3f	1	1	30	5	38	5
3g	2	1	53	3	8	3
3h	6	2	138	5	28	5
3i	0	0	21	2	2	2
4a	0	0	3	1	12	1
4b	0	0	89	3	9	3
4c	8	2	121	5	45	5
4d	1	0.5	113	2	13	2
4e	9	2	625	8	111	8
4f	0	0	26	0.5	1	0.5
4g	0	0	15	0	0	-
5a	4	2	425	8	68	8
5b	0	0	17	0	0	-
5c	1	1	141	2	7	2
5d	3	2	592	9	98	9
5e	0	0	66	2	3	2
5f	1	1	33	4	38	4
5g	0	0	31	1	2	1
6a	114	8	73	8	20	5
6b	62	6	55	6	7	3
6c	23	5	86	5	3	2
6d	46	6	81	6	4	2
6e	4	2	66	3	3	2
6f	5	3	17	3	2	2
6g	19	1	1	1	0	-
6h	0	0	3	0	0	-
6i	5	2	71	3	4	2

S.E. = Standard Error

TABLE 4 Continued

Natural Area	Cultivated km ²	S.E.	Uncultivated km ²	S.E.	Uncultivable km ²	S.E.
6j	7	3	135	6	42	6
6k	1	1	55	1	0	-
6l	3	2	30	2	1	1
7a	8	2	154	3	6	2
7b	19	4	221	5	12	3
7c	3	2	60	2	2	1
7d	0	0	31	2	5	2
7e	0	0	31	1	1	1
7f	0	0	112	4	12	4
8a	10	3	202	4	9	3
8b	0	0	543	5	23	5
8c	1	1	246	4	19	4
8d	0	0	23	2	4	2
9a	5	2	576	5	28	5
9b	4	2	466	7	46	6
9c	2	1	396	4	20	4
9d	6	2	745	8	73	8
10a	4	2	7	2	0	-
10b	13	3	60	3	1	0.5
10c	11	3	17	3	3	2
10d	0	0	7	0	0	-
10e	2	1	9	2	1	1
10f	1	1	76	2	2	2
10g	0	0	181	1	1	1
11a	25	5	975	8	24	5
11b	2	2	35	2	0	-
11c	0	0	127	1	1	1
11d	11	3	54	3	0	-
12a	38	5	111	6	20	4
12b	16	4	296	5	13	3
12c	13	3	182	4	5	2
12d	3	2	75	3	5	2
13a	2	1	241	2	4	2
13b	0	0	83	0	0	-
13c	2	1	301	2	2	1
13d	1	1	527	3	11	3
13e	0	0	112	0	0	-
13f	4	2	98	2	1	1

S.E. = Standard Error

TABLE 4 Continued

Natural Area	Cultivated km ²	S.E.	Uncultivated km ²	S.E.	Uncultivable km ²	S.E.
14a	3	2	233	3	8	3
14b	1	1	62	2	2	2
14c	5	2	30	3	1	1
14d	12	2	7	2	2	1
15a	75	8	338	8	11	3
15b	8	3	132	3	5	2
15c	2	1	5	1	0	-
15d	1		9		1	
16a	196	15	1 288	16	21	5
16b	21	5	127	5	3	2
16c	223	14	463	14	20	5
16d	457	19	637	19	23	6
16e	39	6	123	6	2	2
16f	11	3	118	4	2	2
16g/16h	130	9	217	9	12	3
17a	2	2	233	5	24	5
17b	74	8	286	9	7	3
17c	17	4	59	4	5	2
17d	159	12	725	13	17	4
17e	16	4	406	5	8	3
18a	16	4	77	4	9	3
18b	15	4	116	5	7	3
18c	7	2	50	2	1	1
18d	15	4	160	5	12	3
19a	2	2	95	3	6	2
19b	34	5	337	6	8	3
19c	31	6	251	6	7	3
19d	0	0	88	0	0	-
19e	0	0	48	1	3	1
20a	11	3	991	6	22	5
20b	5	2	496	6	38	6
20c	13	4	245	4	1	1
20d	2	1	213	3	6	2
21a	23	5	333	6	10	3
21b	40	6	164	7	5	2
21c	2	2	35	2	1	1
21d	5	2	21	2	2	1
21e	6	3	31	3	3	2
21f	9	4	80	4	0	-
21g	7	3	101	3	0	-

S.E. = Standard Error

TABLE 4 Continued

Natural Area	Cultivated km ²	S.E.	Uncultivated km ²	S.E.	Uncultivable km ²	S.E.
22a	5	2	171	4	8	3
22b	15	4	217	4	3	2
23a	234	16	1 044	17	23	6
23b	325	19	1 239	20	47	8
23c	397	22	3 362	23	39	7
23d	147	13	2 512	14	18	5
23e	102	10	257	10	8	3
23f	8	3	181	5	11	4
24a	21	5	2 067	12	91	11
24b	10	4	1 148	7	26	6
24c	67	9	556	10	13	4
24d	24	6	536	9	43	8
25a	48	7	142	7	9	3
25b	50	8	391	9	15	5
25c	29	6	39	6	0	-
25d	40	7	215	9	27	6
26a	62	8	238	8	22	5
26b	0	0	83	3	9	3
27a	540	21	415	21	57	10
27b	266	16	768	16	26	6
28a	1 449	25	499	23	125	13
28b	790	22	631	21	80	10
28c	85	9	64	8	39	7
28d	305	10	42	7	45	8
28e	665	20	450	19	56	8
28f	470	21	871	21	51	8
28g	388	16	337	16	70	9
29a	99	9	271	9	12	4
29b	41	6	186	7	9	3
29c	21	4	80	4	0	-
29d	247	32	530	37	283	33
29e	0	0	67	0	0	-
30a	55	8	366	8	12	4
30b	37	8	462	10	17	6
30c	194	14	406	14	30	6
30d	7	2	65	2	0	-
30e	0	0	64	3	3	3
30f	10	4	78	4	3	2
30g	28	6	891	9	39	7
30h	32	4	36	4	1	1

S.E. = Standard Error

TABLE 4 Continued

Natural Area	Cultivated km ²	S.E.	Uncultivated km ²	S.E.	Uncultivable km ²	S.E.
31a	0	0	149	13	164	13
32a	328	14	140	12	84	10
32b	358	12	90	10	56	8
32c	156	12	206	12	63	9
32d	22	4	13	4	31	4
32e	67	9	185	12	239	13
33a	32	6	118	10	226	10
33b	57	8	285	13	178	12
33c	17	5	29	5	7	3
34a	104	9	147	10	48	7
34b	95	10	291	14	292	14
35a	49	6	105	7	18	4
35b	263	12	174	12	45	7
35c	72	7	83	7	17	4
36a	80	8	66	8	10	4
36b	101	8	105	8	7	3
36c	20	5	289	5	4	2
36d	4	4	61	4	0	-
36e	37	5	47	5	0	-
37a	62	8	496	10	37	6
37b	47	5	36	5	2	2
37c	34	7	384	16	306	16
37d	1	1	83	5	31	5
37e	2	2	111	7	48	7
37f	8	3	170	5	12	4
37g	36	7	296	8	18	5
37h	23	4	26	4	1	1
38a	8	3	30	5	44	5
38b	41	7	181	8	11	4
38c	189	13	326	13	37	7
38d	12	4	139	7	42	7
38e	17	4	50	4	2	2
39a	195	9	111	9	15	4
39b	193	9	97	9	11	4
39c	283	14	218	13	189	13
39d	28	5	61	5	15	4

S.E. = Standard Error

TABLE 4 Continued

Natural Area	Cultivated km ²	S.E.	Uncultivated km ²	S.E.	Uncultivable km ²	S.E.
40a	14	4	281	14	433	15
40b	9	3	134	10	265	10
40c	9	3	20	3	38	4
40d	71	8	130	9	19	5
40e	16	4	57	5	6	3
41a	127	11	182	11	28	6
41b	25	4	13	3	4	2
41c	51	3	34	3	5	2
41d	132	13	177	13	22	7
41e	83	9	269	13	187	12
41f	24	5	244	6	6	3
42a	223	12	288	13	32	6
42b	159	13	500	14	37	7
42c	55	8	1 080	9	17	5
42d	63	8	222	10	43	7
43a	1	1	28	5	146	5
43b	22	4	15	4	26	4
43c	13	4	27	5	142	6
43d	10	3	36	6	77	6
43e	604	16	241	14	122	11
43f	92	8	77	8	18	5
43g	167	11	127	11	64	8
43h	415	12	114	10	49	7
43i	158	8	43	7	16	5
43j	165	9	137	9	22	4
43k	26	5	50	6	6	3
44a	100	9	187	9	2	2
44b	309	11	126	11	3	2
44c	134	7	59	7	13	4
44d	1	1	159	2	4	2
45a	38	5	45	5	4	2
45b	96	8	223	8	8	3
45c	670	20	554	19	59	8
45d	820	17	253	15	107	11
45e	225	12	156	12	89	10
45f	6	3	995	8	50	8
45g	96	8	72	8	16	4
46a	35	6	160	11	339	12
46b	5	2	1	1	125	3
46c	9	2	14	3	28	3
46d	27	4	20	4	2	1

S.E. = Standard Error

TABLE 4 Continued

Natural Area	Cultivated km ²	S.E.	Uncultivated km ²	S.E.	Uncultivable km ²	S.E.
47a	97	7	52	6	22	5
47b	151	7	38	6	18	4
47c	58	4	19	4	11	3
48a	9	3	102	5	32	5
48b	9	4	177	13	248	13
48c	10	4	130	10	188	11
48d	33	5	71	6	12	3
48e	112	11	247	12	48	8
48f	33	6	75	7	22	6
48g	5	3	63	6	55	6
48h	5	3	55	7	143	7
49a	11	4	103	10	178	10
49b	28	6	135	8	58	7
49c	66	9	237	14	202	13
50a	108	7	60	7	6	3
50b	53	11	460	13	36	9
50c	195	14	521	14	31	6
50d	55	7	221	7	22	4
50e	7	3	66	3	0	-
50f	245	11	152	11	13	4
50g	18	4	19	4	12	3
50h	139	11	106	10	36	7
50i	14	5	129	6	10	4
50j	0	0	11	0	0	-
51a	2	1	0	0	18	1
51b	25	7	296	10	32	8
51c	4	3	356	17	429	17
51d	24	5	424	11	91	10
51e	11	4	155	8	42	8
51f	3	2	15	4	53	4
52a	10	4	37	4	3	2
52b	18	5	116	11	216	11
52c	26	6	160	8	32	6
53a	166	9	76	8	25	5
53b	147	10	106	10	28	6
53c	62	7	76	7	6	3

S.E. = Standard Error

TABLE 4 Continued

Natural Area	Cultivated km ²	S.E.	Uncultivated km ²	S.E.	Uncultivable km ²	S.E.
54a	11	4	213	12	217	12
54b	19	4	102	5	10	3
54c	11	4	120	9	140	9
54d	8	3	61	4	6	3
54e	10	4	192	10	95	9
54f	0	0	226	13	190	13
55a	12	3	54	3	4	2
55b	30	4	117	5	2	1
55c	11	3	132	3	6	2
Total	20 130km ² (21.4%)		62 869km ² (66.9%)		10 968km ² (11.7%)	
S.E. = Standard Error						

TABLE 5 Area of Malawi (excluding lakes)

<u>Method</u>	<u>Area (km²)</u>
1. Dot count of natural areas on 1:50 000 map sheets:	93 961
2. Planimetric measurement of 1:250 000 map sheets:	94 236
3. Calculation and dot count of 1:50 000 map sheets:	94 465

Note: Method 3 is considered to be the most accurate, as measurement is by whole map sheet, except for small areas measured by dot counting where lake or foreign territory intervenes.

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ANNEXE 1
LAND USE CLASS, BY
ADMINISTRATIVE DISTRICTS

Administrative District	Land Use Class	Area (km ²)	Percentage (%)
District 1	1	100	100.0
	2	0	0.0
	3	0	0.0
	4	0	0.0
District 2	1	150	150.0
	2	0	0.0
	3	0	0.0
	4	0	0.0
District 3	1	200	200.0
	2	0	0.0
	3	0	0.0
	4	0	0.0
District 4	1	250	250.0
	2	0	0.0
	3	0	0.0
	4	0	0.0
District 5	1	300	300.0
	2	0	0.0
	3	0	0.0
	4	0	0.0

Administrative District	Land Use Class	Area (km ²)	Percentage (%)
District 6	1	350	350.0
	2	0	0.0
	3	0	0.0
	4	0	0.0
District 7	1	400	400.0
	2	0	0.0
	3	0	0.0
	4	0	0.0
District 8	1	450	450.0
	2	0	0.0
	3	0	0.0
	4	0	0.0
District 9	1	500	500.0
	2	0	0.0
	3	0	0.0
	4	0	0.0
District 10	1	550	550.0
	2	0	0.0
	3	0	0.0
	4	0	0.0

ADMINISTRATIVE DISTRICT: MANGOCHÉ

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	24.7	0.5	1 613	31	
	2	0.5	0.1	34	5	
	3	0.2	0.05	10	3	
	4	0.7	0.1	44	6	
B. Uncultivated	5	17.9	0.4	1 166	27	
	6	1.4	0.1	92	8	
	7	1.7	0.1	111	9	
	8	13.4	0.4	873	24	
	9	8.4	0.3	545	20	
	10	6.9	0.3	450	18	
	11	6.5	0.3	422	18	
C. Uncultivable	12	15.1	0.4	988	26	
	13	1.3	0.1	88	8	
	14	1.4	0.1	91	8	
	15	0	0	0	0	
Totals Cultivated		26.1	0.5	1 701	31	
Uncultivated		56.1	0.5	3 659	36	
Uncultivable		17.8	0.4	1 167	27	

ADMINISTRATIVE DISTRICT: MACHINGA

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	24.7	0.6	1 518	39	
	2	0.6	0.1	36	7	
	3	0.1	0.05	4	2	
	4	0.1	0.05	9	4	
B. Uncultivated	5	18.8	0.6	1 156	35	
	6	14.5	0.5	888	32	
	7	1.7	0.2	107	12	
	8	6.5	0.4	397	22	
	9	5.7	0.3	352	21	
	10	3.3	0.3	200	16	
	11	13.4	0.5	824	31	
C. Uncultivable	12	7.8	0.4	479	24	
	13	1.9	0.2	115	12	
	14	1.0	0.1	61	9	
	15	0.1	0.05	3	2	
Totals Cultivated		25.5	0.6	1 567	39	
Uncultivated		63.8	0.7	3 924	43	
Uncultivable		10.7	0.5	658	28	

General comments:

1. Mangoche formerly Fort Johnson
2. Machinga formerly Kasupe
3. Totals may not add exactly due to rounding off

ADMINISTRATIVE DISTRICT: ZOMBA

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	37.6	1.0	818	22	
	2	1.5	0.3	32	5	
	3	0.1	0.05	2	1	
	4	3.3	0.04	72	8	
B. Uncultivated	5	19.7	0.8	428	18	
	6	7.7	0.6	167	12	
	7	1.9	0.3	40	6	
	8	2.3	0.3	50	7	
	9	2.1	0.3	47	7	
	10	3.0	0.4	66	8	
	11	5.1	0.5	110	10	
C. Uncultivable	12	10.8	0.7	234	14	
	13	1.4	0.3	30	5	
	14	3.7	0.4	79	9	
	15	0.1	0.05	2	1	
Totals Cultivated		42.4	1.0	923	23	
Uncultivated		41.7	1.0	908	23	
Uncultivable		15.9	0.8	345	17	

ADMINISTRATIVE DISTRICT: MULANJE

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	35.1	0.9	1 186	30	
	2	0.3	0.1	12	4	
	3	0.1	0.05	4	2	
	4	4.2	0.4	143	13	
B. Uncultivated	5	22.3	0.8	752	26	
	6	3.1	0.3	106	11	
	7	1.4	0.2	47	7	
	8	4.9	0.4	165	14	
	9	2.5	0.3	84	10	
	10	3.0	0.3	100	11	
	11	0	0	0	0	
C. Uncultivable	12	18.0	0.7	608	24	
	13	0.9	0.2	32	6	
	14	4.1	0.4	137	13	
	15	0.05	0.05	1	1	
Totals Cultivated		39.8	0.9	1 345	31	
Uncultivated		37.1	0.9	1 254	31	
Uncultivable		23.1	0.8	778	27	

General comments:

ADMINISTRATIVE DISTRICT: THYOLO

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	37.1	1.3	538	19	
	2	0	0	0	0	
	3	0.3	0.1	4	2	
	4	19.0	1.1	276	16	
B. Uncultivated	5	22.2	1.1	322	17	
	6	0	0	0	0	
	7	0.1	0.1	2	2	
	8	2.6	0.4	38	6	
	9	4.1	0.5	59	8	
	10	1.5	0.3	21	5	
	11	0	0	0	0	
C. Uncultivable	12	6.7	0.7	97	10	
	13	2.4	0.4	35	6	
	14	3.9	0.5	57	8	
	15	0	0	0	0	
Totals Cultivated		56.4	1.4	819	20	
Uncultivated		30.5	1.3	443	19	
Uncultivable		13.0	0.9	189	14	

ADMINISTRATIVE DISTRICT: NSANJE

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	14.1	0.9	289	19	
	2	0	0	0	0	
	3	1.3	0.3	27	6	
	4	0.3	0.1	6	3	
B. Uncultivated	5	14.7	0.9	300	19	
	6	15.7	1.0	322	20	
	7	0.5	0.2	10	4	
	8	4.2	0.5	86	11	
	9	5.7	0.6	116	13	
	10	16.4	1.0	335	20	
	11	2.0	0.4	42	8	
C. Uncultivable	12	19.3	1.1	395	21	
	13	3.1	0.5	63	9	
	14	2.7	0.4	55	9	
	15	0	0	0	0	
Totals Cultivated		15.7	1.0	322	20	
Uncultivated		59.2	1.3	1 212	27	
Uncultivable		25.1	1.1	513	24	

General comments: Nsanje formerly Port Herald
Thyolo formerly Cholo

ADMINISTRATIVE DISTRICT: CHIRADZULU

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	58.2	2.8	444	22	
	2	1.0	0.6	7	4	
	3	0.3	0.3	2	2	
	4	7.2	1.5	55	11	
B. Uncultivated	5	18.9	2.2	145	17	
	6	0	0	0	0	
	7	0	0	0	0	
	8	0	0	0	0	
	9	2.3	0.9	17	7	
	10	0.7	0.5	5	4	
	11	0	0	0	0	
C. Uncultivable	12	2.0	0.8	15	6	
	13	2.3	0.9	17	7	
	14	7.2	1.5	55	11	
	15	0	0	0	0	
Totals Cultivated		66.7	2.7	509	21	
Uncultivated		21.9	2.4	167	18	
Uncultivable		11.4	1.8	87	14	

ADMINISTRATIVE DISTRICT: NCHEU

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	30.5		1 059	32	
	2	0.1		4	2	
	3	0.05		1	1	
	4	0.1		3	2	
B. Uncultivated	5	24.5		850	30	
	6	0		0	0	
	7	0.4		15	5	
	8	7.8		271	18	
	9	6.8		237	17	
	10	7.2		250	18	
	11	1.7		60	9	
C. Uncultivable	12	14.9		517	25	
	13	3.4		118	12	
	14	2.5		88	11	
	15	0		0	0	
Totals Cultivated		30.7		1 068	32	
Uncultivated		48.5		1 684	34	
Uncultivable		20.8		723	28	

General comments:

ADMINISTRATIVE DISTRICT: CHIKWAWA

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	14.2	0.6	740	31	
1	0.1	0.05	7	3	
2	1.4	0.2	72	10	
3	0.4	0.1	19	5	
4					
B. Uncultivated	16.1	0.6	839	32	
5	5.2	0.4	269	20	
6	1.6	0.2	82	11	
7	7.4	0.4	383	23	
8	5.4	0.4	283	20	
9	19.3	0.7	1 005	35	
10	2.2	0.3	115	13	
11					
C. Uncultivable	23.4	0.7	1 217	37	
12	2.2	0.3	117	13	
13	1.1	0.2	58	9	
14	0.05	0.05	2	2	
15					
Totals Cultivated	16.1	0.6	839	32	
Uncultivated	57.2	0.8	2 978	44	
Uncultivable	26.7	0.7	1 393	39	

ADMINISTRATIVE DISTRICT: BLANTYRE

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	25.1	0.7	1 084	31	
1	0.1	0.05	6	3	
2	0.1	0.05	5	2	
3	1.4	0.2	60	8	
4					
B. Uncultivated	19.6	0.7	847	29	
5	0.5	0.1	19	5	
6	0.1	0.05	6	3	
7	4.0	0.3	172	14	
8	4.9	0.4	213	16	
9	16.8	0.6	727	27	
10	0.5	0.1	19	5	
11					
C. Uncultivable	21.2	0.7	915	30	
12	2.8	0.3	119	12	
13	3.0	0.3	129	12	
14	0.05	0.05	2	2	
15					
Totals Cultivated	26.7	0.7	1 156	32	
Uncultivated	46.3	0.8	2 005	36	
Uncultivable	27.0	0.7	1 166	32	

General comments:

ADMINISTRATIVE DISTRICT: DEDZA

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks*
A. Cultivated					
1	37.9	0.9	1 486	36	1 073
2	1.3	0.2	51	8	37
3	0.2	0.1	8	3	6
4	0.6	0.1	24	6	17
B. Uncultivated					
5	14.9	0.7	586	26	423
6	0.8	0.2	30	6	22
7	6.3	0.5	248	18	179
8	12.0	0.6	472	24	341
9	3.7	0.4	145	14	105
10	4.1	0.4	161	15	116
11	1.7	0.2	66	10	48
C. Uncultivable					
12	11.5	0.6	450	23	325
13	2.0	0.3	80	10	58
14	2.9	0.3	114	12	82
15	0.05	0.05	1	1	1
Totals Cultivated	40.0	0.9	1 569	36	
Uncultivated	43.6	0.9	1 709	37	
Uncultivable	16.4	0.7	645	27	

ADMINISTRATIVE DISTRICT: LILONGWE

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks*
A. Cultivated					
1	50.1	0.8	3 140	47	2 221
2	0.6	0.1	38	7	27
3	0.1	0.05	6	3	4
4	0.7	0.1	44	8	31
B. Uncultivated					
5	15.1	0.5	945	34	668
6	0.2	0.05	13	4	9
7	9.5	0.4	595	28	421
8	6.7	0.4	417	23	295
9	3.3	0.3	209	17	148
10	2.2	0.2	137	14	97
11	0	0	0	0	0
C. Uncultivable					
12	5.4	0.3	338	21	239
13	1.7	0.2	109	12	77
14	4.3	0.3	269	19	190
15	0.1	0.05	6	3	4
Totals Cultivated	51.5	0.8	3 228	47	
Uncultivated	37.0	0.7	2 316	45	
Uncultivable	11.5	0.5	721	30	

General comments: *Number of sampling points

ADMINISTRATIVE DISTRICT: MCHINJI

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks*
A. Cultivated					
1	22.9	0.9	737	23	541
2	1.7	0.3	53	8	39
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	17.4	0.8	561	25	412
6	0.2	0.1	5	3	4
7	11.1	0.6	358	21	263
8	22.4	0.9	719	28	528
9	17.7	0.8	571	25	419
10	2.9	0.3	94	11	69
11	0	0	0	0	0
C. Uncultivable					
12	0.8	0.2	25	6	18
13	0.8	0.2	26	6	19
14	2.1	0.3	68	10	50
15	0	0	0	0	0
Totals Cultivated	24.6	0.9	790	28	
Uncultivated	71.8	0.9	2 309	30	
Uncultivable	3.7	0.4	119	12	

ADMINISTRATIVE DISTRICT: DOWA + NTCHISI

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks*
A. Cultivated					
1	20.8	0.7	967	31	766
2	0.7	0.1	30	6	24
3	0.5	0.1	24	5	19
4	0.4	0.1	18	5	14
B. Uncultivated					
5	23.5	0.7	1 097	33	869
6	2.0	0.2	92	11	73
7	4.0	0.3	188	15	149
8	15.1	0.6	704	27	558
9	27.4	0.7	1 279	34	1 013
10	3.3	0.3	154	14	122
11	0.05	0.05	3	2	2
C. Uncultivable					
12	0.2	0.1	10	4	8
13	1.5	0.2	69	9	55
14	0.5	0.1	24	5	19
15	0	0	0	0	0
Totals Cultivated	22.3	0.7	1 039	32	
Uncultivated	75.5	0.7	3 517	33	
Uncultivable	2.2	0.2	104	11	

General comments:

*Number of sampling points
Mchinji formerly Fort Manning

ADMINISTRATIVE DISTRICT: NKHOTA KOTA + SALIMA

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks*
A. Cultivated	9.1	0.4	609	27	478
1	0.6	0.1	43	7	34
2	0.1	0.05	6	3	5
3	0	0	0	0	0
4					
B. Uncultivated	11.2	0.4	755	29	593
5	1.4	0.2	96	11	75
6	1.5	0.2	98	11	77
7	29.1	0.6	1 955	42	1 535
8	32.8	0.6	2 203	43	1 729
9	11.2	0.4	754	29	592
10	0	0	0	0	0
11					
C. Uncultivable	0.8	0.1	52	8	41
12	1.4	0.2	96	11	75
13	0.9	0.1	57	9	45
14	0	0	0	0	0
15					
Totals Cultivated	9.8	0.4	659	28	
Uncultivated	87.2	0.5	5 861	31	
Uncultivable	3.0	0.2	205	16	

ADMINISTRATIVE DISTRICT: KASUNGU

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks*
A. Cultivated	9.1	0.4	686	29	512
1	0.2	0.05	12	4	9
2	0	0	0	0	0
3	0.1	0.05	11	4	8
4					
B. Uncultivated	7.5	0.4	568	27	424
5	0.7	0.1	54	8	40
6	4.9	0.3	367	22	274
7	52.8	0.7	3 972	50	2 965
8	22.2	0.6	1 668	42	1 245
9	1.4	0.2	105	12	78
10	0.02	0.02	1	1	1
11					
C. Uncultivable	0.2	0.05	16	5	12
12	0.4	0.1	29	6	22
13	0.5	0.1	39	7	29
14	0	0	0	0	0
15					
Totals Cultivated	9.4	0.4	709	29	
Uncultivated	89.5	0.4	6 735	31	
Uncultivable	1.1	0.1	84	11	

General comments: *Number of sampling points

ADMINISTRATIVE DISTRICT: MZIMBA

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks*
A. Cultivated	1	15.9	0.4	1 591	40	1 333
	2	0.2	0.05	25	5	21
	3	0.05	0.05	5	2	4
	4	0.3	0.05	35	6	29
B. Uncultivated	5	18.5	0.4	1 858	43	1 557
	6	1.1	0.1	107	11	90
	7	3.1	0.2	310	19	260
	8	20.6	0.4	2 065	44	1 730
	9	28.6	0.5	2 864	49	2 400
	10	8.0	0.3	806	30	675
	11	0	0	0	0	0
C. Uncultivable	12	1.5	0.1	154	13	129
	13	1.1	0.1	110	11	92
	14	1.0	0.1	99	11	83
	15	0.01	0.01	1	1	1
Totals Cultivated		16.5	0.4	1 655	41	
Uncultivated		79.9	0.4	8 010	44	
Uncultivable		3.6	0.2	364	20	

ADMINISTRATIVE DISTRICT: NKHATA BAY

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks*
A. Cultivated	1	2.5	0.3	112	11	101
	2	0.2	0.1	9	3	8
	3	0.05	0.05	1	1	1
	4	1.1	0.2	46	7	42
B. Uncultivated	5	4.6	0.3	202	15	183
	6	0.2	0.05	7	3	6
	7	1.8	0.2	77	9	70
	8	55.0	0.8	2 407	35	2 180
	9	9.4	0.5	411	20	372
	10	22.8	0.7	1 000	29	906
	11	0	0	0	0	0
C. Uncultivable	12	1.4	0.2	63	8	57
	13	0.2	0.05	8	3	7
	14	0.8	0.1	35	6	32
	15	0	0	0	0	0
Totals Cultivated		3.8	0.3	168	13	
Uncultivated		93.7	0.4	4 105	17	
Uncultivable		2.4	0.2	106	11	

General comments: *Number of sampling points

ADMINISTRATIVE DISTRICT: KARONGA + CHITIPA

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks*
A. Cultivated	1	5.5	0.3	413	19	434
	2	0.3	0.1	25	5	26
	3	0.4	0.1	28	5	29
	4	0.1	0.05	8	3	8
B. Uncultivated	5	13.2	0.4	1 004	29	1 054
	6	0.5	0.1	37	6	39
	7	2.1	0.2	160	12	168
	8	6.0	0.3	453	20	476
	9	26.7	0.5	2 027	38	2 128
	10	31.9	0.5	2 420	40	2 540
	11	0	0	0	0	0
C. Uncultivable	12	6.5	0.3	491	21	515
	13	4.8	0.2	367	18	385
	14	0.8	0.1	64	8	67
	15	1.1	0.1	85	9	89
Totals Cultivated		6.2	0.3	473	21	
Uncultivated		80.5	0.4	6 102	34	
Uncultivable		13.3	0.4	1 006	29	

ADMINISTRATIVE DISTRICT: RUMPHI

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks*
A. Cultivated	1	1.9	0.2	82	8	93
	2	0.2	0.1	10	3	11
	3	0.1	0.05	6	2	7
	4	0.2	0.1	10	3	11
B. Uncultivated	5	6.9	0.4	306	16	347
	6	0.4	0.1	18	4	20
	7	2.3	0.2	104	9	118
	8	26.3	0.6	1 165	27	1 323
	9	23.2	0.6	1 026	26	1 165
	10	34.4	0.7	1 524	30	1 731
	11	0	0	0	0	0
C. Uncultivable	12	2.0	0.2	91	9	103
	13	1.4	0.2	60	7	68
	14	0.6	0.1	25	5	28
	15	0.05	0.05	2	1	2
Totals Cultivated		2.4	0.2	107	10	
Uncultivated		93.6	0.3	4 142	15	
Uncultivable		4.0	0.3	177	12	

General comments:

*Number of sampling points
Chitipa formerly Fort Hill
Rumphi formerly Rumpi

ANNEXE 2
LAND USE CLASS, BY
NATURAL REGIONS

NATURAL REGION: 1. The Ruwenya Hills

Total area: 226 km²

Altitude: 1200-1850 m

Mean annual rainfall: 900-1000 mm

Physical characteristics: Stony hills;
dissected plateaux and valley floor

patches

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	4.7	1.4	11	3	
	2	0	0	0	0	
	3	0	0	0	0	
	4	0	0	0	0	
B. Uncultivated	5	15.9	2.5	36	6	
	6	0	0	0	0	
	7	0.5	0.5	1	1	
	8	1.4	0.8	3	2	
	9	16.8	2.6	38	6	
	10	27.6	3.1	62	7	
	11	0	0	0	0	
C. Uncultivable	12	18.7	2.7	42	6	
	13	14.0	2.4	32	5	
	14	0.5	0.5	1	1	
	15	0	0	0	0	
Totals Cultivated		4.7	1.4	11	3	
Uncultivated		62.1	3.3	140	7	
Uncultivable		33.2	3.2	75	7	

NATURAL REGION: 2. Chitipa Plain

Total area: 1 112 km²

Altitude: 1200-1350 m

Mean annual rainfall: 900-1000 mm

Physical characteristics: Undulating
with broad marshy valleys; poor
sandy ferrallitic soils

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	7.5	0.8	83	9	
	2	0.1	0.1	1	1	
	3	0.3	0.2	3	2	
	4	0	0	0	0	
B. Uncultivated	5	32.4	1.5	360	17	
	6	0.4	0.2	5	2	
	7	13.0	1.1	145	12	
	8	1.4	0.4	15	4	
	9	33.2	1.5	369	17	
	10	3.6	0.6	41	7	
	11	0	0	0	0	
C. Uncultivable	12	1.2	0.4	14	4	
	13	4.6	0.7	51	7	
	14	2.0	0.4	22	5	
	15	0.3	0.2	3	2	
Totals Cultivated		7.9	0.9	88	10	
Uncultivated		84.0	1.2	934	13	
Uncultivable		8.1	0.9	90	10	

NATURAL REGION: 3. Misuku Hills

Total area: 1 122 km² Physical characteristics: Ridges and
 Altitude: 600-2500 m valleys and high plateau remnants
 Mean annual rainfall: 1250-1500 mm

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated					
1	6.3	0.8	71	9	
2	0	0	0	0	
3	0.5	0.2	6	3	
4	0.6	0.2	7	3	
B. Uncultivated					
5	19.5	1.3	219	14	
6	0.7	0.3	8	3	
7	1.8	0.4	21	5	
8	1.8	0.4	21	5	
9	14.1	1.1	158	12	
10	34.4	1.5	385	17	
11	0	0	0	0	
C. Uncultivable					
12	8.6	0.9	96	10	
13	10.2	1.0	115	11	
14	1.0	0.3	11	4	
15	0.3	0.2	3	2	
Totals Cultivated	7.5	0.8	84	9	
Uncultivated	72.4	1.4	812	16	
Uncultivable	20.1	1.3	226	14	

NATURAL REGION: 4. Plateaux and Hills of the Upper Lufira

Total area: 1 201 km² Physical characteristics: Stony steep
 Altitude: 1350-2150 m hills, high altitude plateaux;
 Mean annual rainfall: 900-1250 mm fertile alluviums

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated					
1	1.1	0.2	13	3	
2	0.05	0.05	1	1	
3	0.2	0.1	3	1	
4	0	0	0	0	
B. Uncultivated					
5	7.1	0.6	85	7	
6	0.05	0.05	1	1	
7	0.5	0.2	6	2	
8	6.1	0.6	74	7	
9	30.5	1.1	367	13	
10	38.7	1.1	464	14	
11	0	0	0	0	
C. Uncultivable					
12	11.1	0.7	133	9	
13	4.2	0.5	50	6	
14	0.3	0.1	3	1	
15	0.1	0.1	1	1	
Totals Cultivated	1.3	0.3	16	3	
Uncultivated	83.0	0.9	997	11	
Uncultivable	15.7	0.9	188	10	

NATURAL REGION: 5. Karonga Scarp Zone

Total area: 1 532 km²

Altitude: 600-1150 m

Mean annual rainfall: 900-1250 mm

Physical characteristics: Dissected hill region; unsettled

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated					
1	0.4	0.2	6	2	
2	0.1	0.1	2	1	
3	0.1	0.1	2	1	
4	0	0	0	0	
B. Uncultivated					
5	4.1	0.5	63	8	
6	0.6	0.2	9	3	
7	0.1	0.1	2	1	
8	4.1	0.5	63	8	
9	35.4	1.2	542	18	
10	41.6	1.2	637	19	
11	0	0	0	0	
C. Uncultivable					
12	5.2	0.6	79	8	
13	5.3	0.6	81	9	
14	0.1	0.1	2	1	
15	3.0	0.4	45	6	
Totals Cultivated	0.6	0.2	10	3	
Uncultivated	85.9	0.9	1 315	13	
Uncultivable	13.5	0.9	207	13	

NATURAL REGION: 6. Karonga Lakeshore Plain

Total area: 1 048 km²

Altitude: 450-600 m

Mean annual rainfall: 750-3050 mm

Physical characteristics: Depositional plain; beaches, sandbars and marshes; calcimorphic and hydromorphic soils

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated					
1	22.8	1.4	239	15	
2	2.4	0.5	25	5	
3	1.7	0.4	18	5	
4	0.2	0.2	2	2	
B. Uncultivated					
5	18.1	1.3	189	14	
6	2.1	0.5	22	5	
7	1.7	0.4	18	5	
8	8.2	0.9	86	10	
9	13.5	1.2	142	12	
10	20.9	1.4	220	15	
11	0	0	0	0	
C. Uncultivable					
12	0.2	0.2	2	2	
13	2.3	0.5	24	5	
14	2.1	0.5	22	5	
15	3.6	0.6	38	7	
Totals Cultivated	27.2	1.5	285	16	
Uncultivated	64.6	1.6	677	17	
Uncultivable	8.2	0.9	86	10	

NATURAL REGION: 7. Plains and hills west of the Nyika

Total area: 676 km²

Altitude: 1200-1850 m

Mean annual rainfall: 900-1150 mm

Physical characteristics: Ferrallitic soils on gentle slopes; steep, stony residual hills

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	4.6	0.8	31	5
	2	0.1	0.1	1	1
	3	0	0	0	0
	4	0	0	0	0
B. Uncultivated	5	21.3	1.5	144	10
	6	0.4	0.2	3	2
	7	2.3	0.5	15	4
	8	3.2	0.6	22	4
	9	45.1	1.8	305	12
	10	17.9	1.4	121	9
	11	0	0	0	0
C. Uncultivable	12	1.5	0.4	10	3
	13	1.9	0.5	13	3
	14	1.3	0.4	9	3
	15	0.4	0.2	3	2
Totals Cultivated	4.7	0.8	32	5	
Uncultivated	90.2	1.1	610	7	
Uncultivable	5.1	0.8	34	5	

NATURAL REGION: 8. Nyika Plateau

Total area: 1 081 km²

Altitude: 2000-2600 m

Mean annual rainfall: 1000-1500 mm

Physical characteristics: Undulating plateau with broad valleys and convex interfluves; scarp rimmed; national park

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	0	0	0	
	2	0	0	0	
	3	0	0	0	
	4	1.0	0.3	11	3
B. Uncultivated	5	1.0	0.3	11	3
	6	0.1	0.1	1	1
	7	1.0	0.3	11	3
	8	53.8	1.5	581	16
	9	2.5	0.5	27	5
	10	35.5	1.4	383	15
	11	0	0	0	0
C. Uncultivable	12	2.3	0.5	25	5
	13	2.2	0.4	24	5
	14	0.6	0.2	7	3
	15	0	0	0	0
Totals Cultivated	1.0	0.3	11	3	
Uncultivated	93.8	0.7	1 014	8	
Uncultivable	5.2	0.7	56	7	

NATURAL REGION: 9. Nyika Hills

Total area: 2 366 km²

Altitude: 1050-2150 m

Mean annual rainfall: 750-1500 mm

Physical characteristics: Deep

dissection and steep slopes

including Nyika Plateau scarps

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	0.7	0.2	16	4	
	2	0.05	0.05	1	1	
	3	0.05	0.05	1	1	
	4	0	0	0	0	
B. Uncultivated	5	5.9	0.5	139	11	
	6	0.1	0.05	2	1	
	7	0.4	0.1	11	3	
	8	11.7	0.6	276	15	
	9	27.9	0.9	660	21	
	10	46.4	1.0	1 097	23	
	11	0	0	0	0	
C. Uncultivable	12	5.3	0.4	126	10	
	13	1.3	0.2	31	5	
	14	0.3	0.1	6	2	
	15	0.05	0.05	1	1	
Totals Cultivated		0.7	0.2	18	4	
Uncultivated		92.3	0.5	2 184	12	
Uncultivable		7.0	0.5	164	12	

NATURAL REGION: 10. Livingstonia Hills

Total area: 395 km²

Altitude: 750-1350 m

Mean annual rainfall: 1150-1800 mm

Physical characteristics: Slopes vary,

gentle to very steep; Karroo sand-

stones and shales

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	6.4	1.1	25	4	
	2	0	0	0	0	
	3	0.4	0.3	2	1	
	4	0	0	0	0	
B. Uncultivated	5	9.0	1.3	35	5	
	6	0	0	0	0	
	7	0.2	0.2	1	1	
	8	13.0	1.6	51	6	
	9	22.4	1.9	89	8	
	10	46.9	2.3	185	9	
	11	0	0	0	0	
C. Uncultivable	12	0	0	0	0	
	13	1.3	0.5	5	2	
	14	0.4	0.3	2	1	
	15	0	0	0	0	
Totals Cultivated		6.8	1.2	27	5	
Uncultivated		91.5	1.3	362	5	
Uncultivable		1.7	0.6	7	2	

NATURAL REGION: 11. Luwewe Plain

Total area: 1 253 km² Physical characteristics: Undulating
 Altitude: 1050-1100 m plain with impeded drainage;
 Mean annual rainfall: 650-750 mm scattered hills; ferrallitic soils

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	1.9	0.4	24	5	
	2	0.9	0.3	11	4	
	3	0.2	0.1	2	2	
	4	0	0	0	0	
B. Uncultivated	5	2.6	0.5	32	6	
	6	1.1	0.3	14	4	
	7	14.4	1.1	180	14	
	8	49.6	1.6	621	20	
	9	22.2	1.3	278	16	
	10	5.2	0.7	66	9	
	11	0	0	0	0	
C. Uncultivable	12	0.7	0.3	9	3	
	13	0.6	0.2	7	3	
	14	0.7	0.3	9	3	
	15	0	0	0	0	
Totals Cultivated		3.0	0.5	37	7	
Uncultivated		95.0	0.7	1 191	9	
Uncultivable		2.0	0.4	25	5	

NATURAL REGION: 12. Lower South Rukuru-Kasitu Valley

Total area: 777 km² Physical characteristics: Pediments
 Altitude: 1050-1250 m lead from hills to broad infilled
 Mean annual rainfall: 650-750 mm valleys

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	8.3	1.0	65	7	
	2	1.1	0.4	8	3	
	3	0	0	0	0	
	4	0	0	0	0	
B. Uncultivated	5	23.2	1.5	180	11	
	6	2.3	0.5	18	4	
	7	0.7	0.3	6	2	
	8	26.4	1.5	205	12	
	9	29.0	1.6	225	12	
	10	3.4	0.6	27	5	
	11	0	0	0	0	
C. Uncultivable	12	0.1	0.1	1	1	
	13	3.3	0.6	26	5	
	14	2.0	0.5	16	4	
	15	0.2	0.2	2	1	
Totals Cultivated		9.4	1.0	73	8	
Uncultivated		84.9	1.2	660	10	
Uncultivable		5.7	0.8	44	6	

NATURAL REGION: 13. North Vipya Plateaux and Hills

Total area: 1 388 km² Physical characteristics: Undulating
 Altitude: 1050-2000 m plateau, broad convexities and rocky
 Mean annual rainfall: 1000-1800 mm residuals; maturely dissected hills

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	0.5	0.2	7	3	
	2	0	0	0	0	
	3	0.1	0.1	2	1	
	4	0	0	0	0	
B. Uncultivated	5	2.0	0.4	27	5	
	6	0.1	0.1	1	1	
	7	0.1	0.1	2	1	
	8	51.7	1.3	718	19	
	9	6.1	0.6	85	9	
	10	38.1	1.3	529	18	
	11	0	0	0	0	
C. Uncultivable	12	0.4	0.2	6	2	
	13	0.5	0.2	7	3	
	14	0.3	0.1	4	2	
	15	0	0	0	0	
Totals Cultivated		0.7	0.2	9	3	
Uncultivated		98.1	0.4	1 362	5	
Uncultivable		1.2	0.3	17	4	

NATURAL REGION: 14. Lakeshore Scarp Zone

Total area: 366 km² Physical characteristics: High, steep,
 Altitude: 450-1500 m dissected scarps; narrow raised
 Mean annual rainfall: 1250-1800 mm beaches

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	6.4	1.3	23	5	
	2	0	0	0	0	
	3	0	0	0	0	
	4	0.3	0.3	1	1	
B. Uncultivated	5	5.5	1.2	20	4	
	6	0	0	0	0	
	7	0	0	0	0	
	8	15.5	1.9	57	7	
	9	10.8	1.6	39	6	
	10	57.7	2.6	211	10	
	11	0	0	0	0	
C. Uncultivable	12	1.9	0.7	7	3	
	13	0.6	0.4	2	1	
	14	1.4	0.6	5	2	
	15	0	0	0	0	
Totals Cultivated		6.6	1.3	24	5	
Uncultivated		89.5	1.6	328	6	
Uncultivable		3.9	1.0	14	4	

NATURAL REGION: 15. Middle Kasitu Valley

Total area: 586 km²

Physical characteristics: Gentle to

Altitude: 1100-1200 m

moderate slopes; valley floor marshy

Mean annual rainfall: 750-1250 mm with termite mounds

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	13.6	1.4	80	8	
	0.9	0.4	5	2	
	0	0	0	0	
	0	0	0	0	
B. Uncultivated	15.9	1.5	93	9	
	0.5	0.3	3	2	
	0.9	0.4	5	2	
	21.1	1.7	123	10	
	38.1	2.0	223	12	
	6.2	1.0	36	6	
	0	0	0	0	
C. Uncultivable	0	0	0	0	
	1.9	0.6	11	3	
	0.9	0.4	5	2	
	0	0	0	0	
Totals Cultivated	14.5	1.5	85	9	
Uncultivated	82.7	1.6	484	9	
Uncultivable	2.8	0.7	17	4	

NATURAL REGION: 16. Upper South Rukuru Valley

Total area: 4 134 km²

Physical characteristics: Plain with

Altitude: 1050-1350 m

broad, swampy valleys; sandy

Mean annual rainfall: 650-900 mm

ferrallitic soils

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	25.9	0.8	1 072	32	
	0.05	0.05	3	2	
	0.1	0.05	4	2	
	0.2	0.1	7	3	
B. Uncultivated	22.1	0.7	915	31	
	2.3	0.3	93	11	
	4.4	0.4	181	15	
	13.8	0.6	571	25	
	28.0	0.8	1 158	33	
	1.1	0.2	45	8	
	0.05	0.05	1	1	
C. Uncultivable	0.3	0.1	10	4	
	0.6	0.1	24	6	
	1.2	0.2	51	8	
	0	0	0	0	
Totals Cultivated	26.2	0.8	1 085	32	
Uncultivated	71.7	0.8	2 964	33	
Uncultivable	2.1	0.3	85	10	

NATURAL REGION: 17. Central Mzimba Hills

Total area: 2 039 km²

Physical characteristics: Low, dissected

Altitude: 1350-1600 m

hills with lithosols; partly forest

Mean annual rainfall: 750-1000 mm reserve

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	13.0	0.8	265	16	
1	0	0	0	0	
2	0.1	0.1	2	2	
3	0	0	0	0	
4					
B. Uncultivated	23.3	1.0	475	20	
5	0	0	0	0	
6	2.8	0.4	57	8	
7	17.5	0.9	356	18	
8	34.3	1.1	699	23	
9	6.0	0.6	123	11	
10	0	0	0	0	
11					
C. Uncultivable	1.2	0.3	25	5	
12	0.9	0.2	18	5	
13	0.9	0.2	18	5	
14	0	0	0	0	
15					
Totals Cultivated	13.1	0.8	267	16	
Uncultivated	83.9	0.9	1 710	18	
Uncultivable	3.0	0.4	62	8	

NATURAL REGION: 18. Upper Kasitu Valley

Total area: 485 km²

Physical characteristics: Vipya scarp;

Altitude: 1100-1850 m

steep hill land, pediments and open

Mean annual rainfall: 750-1250 mm valleys

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	10.6	1.4	51	7	
1	0.4	0.3	2	1	
2	0	0	0	0	
3	0	0	0	0	
4					
B. Uncultivated	20.5	1.9	99	9	
5	0.9	0.4	4	2	
6	0	0	0	0	
7	15.6	1.7	75	8	
8	38.0	2.3	184	11	
9	8.2	1.3	40	6	
10	0	0	0	0	
11					
C. Uncultivable	2.4	0.7	12	3	
12	3.2	0.8	16	4	
13	0.2	0.2	1	1	
14	0	0	0	0	
15					
Totals Cultivated	11.0	1.5	53	7	
Uncultivated	83.2	1.7	403	8	
Uncultivable	5.8	1.1	28	5	

NATURAL REGION: 19. Vipya Plateau

Total area: 909 km²

Physical characteristics: Senile summit

Altitude: 1200-1850 m

topography; peripheral dissection;

Mean annual rainfall: 1250-1400 mm moderate slopes

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	1.0	0.3	9	3
	2	0	0	0	0
	3	0	0	0	0
	4	6.0	0.8	55	7
B. Uncultivated	5	1.1	0.3	10	3
	6	0.1	0.1	1	1
	7	0.4	0.2	4	2
	8	67.1	1.5	610	14
	9	7.4	0.9	67	8
	10	14.2	1.1	129	10
	11	0	0	0	0
C. Uncultivable	12	1.1	0.4	11	3
	13	0	0	0	0
	14	1.5	0.4	14	4
	15	0	0	0	0
Totals Cultivated	7.0	0.8	63	8	
Uncultivated	90.4	1.0	822	9	
Uncultivable	2.6	0.5	24	5	

NATURAL REGION: 20. East Vipya Scarp Zone

Total area: 2 044 km²

Physical characteristics: A steep

Altitude: 750-1350 m

dissected hill zone; deep gorges

Mean annual rainfall: 1150-2300 mm

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	1.3	0.3	26	5
	2	0.05	0.05	1	1
	3	0	0	0	0
	4	0.2	0.1	3	2
B. Uncultivated	5	3.5	0.4	72	9
	6	0	0	0	0
	7	0.6	0.2	12	3
	8	48.3	1.1	986	23
	9	11.7	0.7	238	15
	10	31.2	1.1	637	22
	11	0	0	0	0
C. Uncultivable	12	2.8	0.4	58	8
	13	0.2	0.1	3	2
	14	0.3	0.1	6	3
	15	0	0	0	0
Totals Cultivated	1.5	0.3	31	6	
Uncultivated	95.2	0.5	1 946	10	
Uncultivable	3.3	0.4	68	8	

NATURAL REGION: 21. Nkata Bay Lakeshore Lowlands

Total area: 877 km²

Altitude: 450-700 m

Mean annual rainfall: 1800-2300 mm Limpasa swamp

Physical characteristics: Low altitude, dissected stony hills enclosing the

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated					
1	8.8	1.1	78	9	
2	0.7	0.3	6	3	
3	0.1	0.1	1	1	
4	0.8	0.3	7	3	
B. Uncultivated					
5	12.9	1.3	113	11	
6	0.7	0.3	6	3	
7	8.8	1.1	78	9	
8	50.4	1.9	442	16	
9	12.9	1.3	113	11	
10	1.3	0.4	11	4	
11	0	0	0	0	
C. Uncultivable					
12	0.6	0.3	5	2	
13	0.3	0.2	2	2	
14	1.7	0.5	15	4	
15	0	0	0	0	
Totals Cultivated	10.5	1.1	92	10	
Uncultivated	87.0	1.3	763	11	
Uncultivable	2.5	0.6	22	5	

NATURAL REGION: 22. Chimaliro Hills

Total area: 418 km²

Altitude: 1200-1850 m

Mean annual rainfall: 900-1250 mm undulating plateau

Physical characteristics: Massive ridge striking E.N.E. and passing into an

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated					
1	4.8	1.1	20	4	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
B. Uncultivated					
5	7.1	1.3	29	5	
6	0	0	0	0	
7	1.8	0.7	7	3	
8	22.9	2.1	96	9	
9	21.2	2.0	88	9	
10	39.8	2.5	166	10	
11	0	0	0	0	
C. Uncultivable					
12	1.8	0.7	7	3	
13	0.8	0.4	3	2	
14	0	0	0	0	
15	0	0	0	0	
Totals Cultivated	4.8	1.1	20	4	
Uncultivated	92.7	1.3	387	5	
Uncultivable	2.5	0.8	11	3	

NATURAL REGION: 23. Kasungu Plain

Total area: 9 957 km²

Altitude: 1000-1300 m

Mean annual rainfall: 750-1000 mm

Physical characteristics: Gently undulating;

poor soils, coarse sandy topsoil,

compact subsoil, laterite; game reserve

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated					
1	11.8	0.4	1 176	37	
2	0.2	0.05	16	5	
3	0.01	0.01	1	1	
4	0.1	0.05	12	4	
B. Uncultivated					
5	11.3	0.4	1 120	36	
6	0.8	0.1	81	10	
7	6.1	0.3	608	28	
8	42.6	0.6	4 239	57	
9	24.8	0.5	2 469	50	
10	0.9	0.1	87	11	
11	0	0	0	0	
C. Uncultivable					
12	0.1	0.05	15	4	
13	0.5	0.1	47	8	
14	0.9	0.1	85	11	
15	0	0	0	0	
Totals Cultivated	12.1	0.4	1 206	38	
Uncultivated	86.4	0.4	8 605	39	
Uncultivable	1.5	0.1	147	14	

NATURAL REGION: 24. Nkhota Kota Scarp Zone

Total area: 4 601 km²

Altitude: 550-1600 m

Mean annual rainfall: 900-1250 mm

Physical characteristics: Dissected

zone with steep slopes and river

gorges; largely uninhabited

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated					
1	2.5	0.3	117	13	
2	0.05	0.05	3	2	
3	0	0	0	0	
4	0	0	0	0	
B. Uncultivated					
5	6.5	0.4	297	20	
6	0.05	0.05	3	2	
7	1.0	0.2	47	8	
8	37.5	0.8	1 725	39	
9	33.3	0.8	1 534	38	
10	15.3	0.6	704	29	
11	0	0	0	0	
C. Uncultivable					
12	2.3	0.3	105	12	
13	1.3	0.2	58	9	
14	0.2	0.1	10	4	
15	0	0	0	0	
Totals Cultivated	2.6	0.3	120	13	
Uncultivated	93.6	0.4	4 308	20	
Uncultivable	3.8	0.3	172	15	

NATURAL REGION: 25. Nkhota Kota Lakeshore Lowlands

Total area: 1 005 km²

Altitude: 450-550 m

Mean annual rainfall: 1250-1500 mm

Physical characteristics: Depositional
plains; dissected raised beaches;
ferrallitic and calcimorphic soils

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated					
1	12.1	1.2	121	12	
2	4.2	0.8	42	8	
3	0	0	0	0	
4	0	0	0	0	
B. Uncultivated					
5	15.9	1.4	160	14	
6	8.3	1.0	84	11	
7	1.4	0.5	14	5	
8	26.9	1.7	270	17	
9	24.7	1.6	248	16	
10	1.4	0.5	14	5	
11	0	0	0	0	
C. Uncultivable					
12	0.1	0.1	1	1	
13	3.4	0.7	35	7	
14	1.4	0.5	14	5	
15	0	0	0	0	
Totals Cultivated	16.3	1.4	163	14	
Uncultivated	78.7	1.6	791	16	
Uncultivable	5.0	0.8	51	8	

NATURAL REGION: 26. Mchinji Hills

Total area: 414 km²

Altitude: 1150-1850 m

Mean annual rainfall: 900-1000 mm

Physical characteristics: Massive
quartzitic ridge; hills with pedi-
ments; ferrallitic soils

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated					
1	15.2	1.9	63	8	
2	0.3	0.3	1	1	
3	0	0	0	0	
4	0	0	0	0	
B. Uncultivated					
5	9.6	1.6	40	6	
6	0	0	0	0	
7	4.5	1.1	19	5	
8	30.7	2.4	127	10	
9	14.1	1.8	58	8	
10	18.3	2.1	76	9	
11	0	0	0	0	
C. Uncultivable					
12	3.9	1.0	16	4	
13	0.8	0.5	4	2	
14	2.5	0.8	11	3	
15	0	0	0	0	
Totals Cultivated	15.5	1.9	64	8	
Uncultivated	77.2	2.2	320	9	
Uncultivable	7.3	1.4	30	6	

NATURAL REGION: 27. Upper Bua Plain

Total area: 2 073 km² Physical characteristics: Gently
 Altitude: 1050-1150 m undulating plain; poor ferrallitic
 Mean annual rainfall: 900-1000 mm soils

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	32.9	1.2	682	25	
	2	2.6	0.4	53	8	
	3	0.05	0.05	1	1	
	4	0.3	0.1	7	3	
B. Uncultivated	5	24.2	1.1	502	23	
	6	0.5	0.2	11	4	
	7	10.5	0.8	218	16	
	8	11.9	0.8	247	17	
	9	13.0	0.9	269	18	
	10	0.3	0.1	5	3	
	11	0	0	0	0	
C. Uncultivable	12	0.2	0.1	4	2	
	13	0.7	0.2	14	4	
	14	2.9	0.4	60	9	
	15	0	0	0	0	
Totals Cultivated		35.9	1.2	743	25	
Uncultivated		60.4	1.3	1 252	26	
Uncultivable		3.7	0.5	77	10	

NATURAL REGION: 28. Lilongwe Plain

Total area: 7 512 km² Physical characteristics: Undulating
 Altitude: 1000-1350 m with broad marshy valleys;
 Mean annual rainfall: 750-900 mm ferruginous soils

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	53.5	0.7	4 022	50	
	2	1.0	0.1	72	10	
	3	0.2	0.05	16	5	
	4	0.5	0.1	41	7	
B. Uncultivated	5	16.6	0.5	1 245	38	
	6	0.1	0.05	7	3	
	7	10.7	0.4	802	31	
	8	7.7	0.4	575	27	
	9	3.4	0.2	254	18	
	10	0.3	0.05	19	5	
	11	0.05	0.05	1	1	
C. Uncultivable	12	0.5	0.1	38	7	
	13	1.1	0.1	82	10	
	14	4.5	0.3	334	21	
	15	0.05	0.05	4	2	
Totals Cultivated		55.3	0.7	4 151	50	
Uncultivated		38.6	0.7	2 903	49	
Uncultivable		6.1	0.3	458	24	

NATURAL REGION: 29. Dowa Hills

Total area: 1 846 km² Physical characteristics: Moderate to
 Altitude: 650 - 1600 m high relief; ferruginous soils and
 Mean annual rainfall: 900-1150 mm lithosols

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	20.4	1.4	377	25	
1	0.6	0.3	10	5	
2	0.3	0.2	6	4	
3	0	0	0	0	
4					
B. Uncultivated	28.8	1.5	532	28	
5	0	0	0	0	
6	1.2	0.4	23	7	
7	10.2	1.0	189	19	
8	24.0	1.4	442	27	
9	6.0	0.8	111	15	
10	0.1	0.1	2	2	
11					
C. Uncultivable	5.2	0.7	96	14	
12	1.4	0.4	25	7	
13	1.7	0.4	31	8	
14	0	0	0	0	
15					
Totals Cultivated	21.3	1.4	394	25	
Uncultivated	70.4	1.5	1 299	28	
Uncultivable	8.3	0.9	153	17	

NATURAL REGION: 30. Salima Lakeshore Plain

Total area: 2 836 km² Physical characteristics: Plain with
 Altitude: 450-650 m hydromorphic and calcimorphic soils;
 Mean annual rainfall: 750-1250 mm low dissected hills with poor soils

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	11.0	0.7	311	20	
1	1.1	0.2	32	7	
2	0.3	0.1	10	4	
3	0.7	0.2	21	5	
4					
B. Uncultivated	16.3	0.8	462	23	
5	3.5	0.4	98	12	
6	1.6	0.3	46	8	
7	27.1	1.0	768	28	
8	28.3	1.0	804	28	
9	4.0	0.4	115	12	
10	2.3	0.3	66	9	
11					
C. Uncultivable	0.5	0.2	14	4	
12	1.6	0.3	45	8	
13	1.6	0.3	45	8	
14	0	0	0	0	
15					
Totals Cultivated	13.2	0.8	374	21	
Uncultivated	83.2	0.8	2 359	24	
Uncultivable	3.7	0.4	104	12	

NATURAL REGION: 31. Dzalanyama Range

Total area: 313 km² Physical characteristics: High,
 Altitude: 1300-1650 m massive, structurally controlled
 Mean annual rainfall: 900-1250 mm ridges; lithosols; forest reserve

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	0	0	0	
	2	0	0	0	
	3	0	0	0	
	4	0	0	0	
B. Uncultivated	5	0	0	0	
	6	0	0	0	
	7	2.0	1.2	6	4
	8	19.5	3.2	61	10
	9	0.7	0.7	2	2
	10	25.5	3.6	80	11
	11	0	0	0	0
C. Uncultivable	12	45.0	4.1	141	13
	13	7.4	2.1	23	7
	14	0	0	0	0
	15	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	47.7	4.1	149	13	
Uncultivable	52.3	4.1	164	13	

NATURAL REGION: 32. Dedza Hills

Total area: 2 038 km² Physical characteristics: Plateau
 Altitude: 1300-2250 m surmounted by high hills; ferruginous
 Mean annual rainfall: 900-1250 mm and ferrallitic soils; forest reserve

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	43.2	1.3	881	26
	2	0.8	0.2	17	5
	3	0.05	0.05	1	1
	4	1.2	0.3	24	6
B. Uncultivated	5	17.5	1.0	357	20
	6	0	0	0	0
	7	1.6	0.3	32	7
	8	5.5	0.6	112	12
	9	2.6	0.4	53	8
	10	3.8	0.5	78	10
	11	0	0	0	0
C. Uncultivable	12	17.6	1.0	359	20
	13	2.6	0.4	53	8
	14	3.5	0.5	72	10
	15	0	0	0	0
Totals Cultivated	45.3	1.3	923	26	
Uncultivated	31.0	1.2	632	25	
Uncultivable	23.7	1.1	483	23	

NATURAL REGION: 33. Dedza Scarp Zone

Total area: 949 km²

Altitude: 500-1450 m

Mean annual rainfall: 900-1250 mm

Physical characteristics: Heavily dissected with deep gorges; scarp foothills

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	10.6	1.1	101	11	
	2	0.1	0.1	1	1	
	3	0	0	0	0	
	4	0	0	0	0	
B. Uncultivated	5	12.1	1.2	115	11	
	6	0	0	0	0	
	7	0	0	0	0	
	8	8.5	1.0	80	10	
	9	6.0	0.9	57	8	
	10	18.1	1.4	172	13	
	11	0	0	0	0	
C. Uncultivable	12	40.6	1.8	385	17	
	13	3.4	0.7	32	6	
	14	0.4	0.2	4	2	
	15	0.1	0.1	1	1	
Totals Cultivated		10.7	1.1	102	11	
Uncultivated		44.8	1.8	425	17	
Uncultivable		44.5	1.8	422	17	

NATURAL REGION: 34. Ncheu Scarp Zone

Total area: 976 km²

Altitude: 900-1850 m

Mean annual rainfall: 1000-1250 mm

Physical characteristics: Dissected high plateau and escarpment; ferrallitic soils and lithosols

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	19.4	1.4	189	13	
	2	0.2	0.2	2	2	
	3	0	0	0	0	
	4	0.1	0.1	1	1	
B. Uncultivated	5	24.4	1.5	238	14	
	6	0	0	0	0	
	7	0	0	0	0	
	8	5.8	0.8	57	8	
	9	5.6	0.8	54	8	
	10	8.9	1.0	87	10	
	11	0	0	0	0	
C. Uncultivable	12	29.7	1.6	290	15	
	13	3.6	0.6	35	6	
	14	2.4	0.5	23	5	
	15	0	0	0	0	
Totals Cultivated		19.8	1.4	193	13	
Uncultivated		44.6	1.7	436	17	
Uncultivable		35.6	1.6	348	16	

NATURAL REGION: 35. Ncheu Region

Total area: 824 km² Physical characteristics: Plains and
 Altitude: 600-1500 m foothills with moderate slopes;
 Mean annual rainfall: 750-1150 mm ferrallitic and ferruginous soils

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	45.9	1.9	379	16	
	0.4	0.3	4	2	
	0	0	0	0	
	0	0	0	0	
B. Uncultivated	34.7	1.8	286	15	
	0.1	0.1	1	1	
	0.4	0.3	4	2	
	2.8	0.6	23	5	
	4.1	0.8	34	6	
	1.9	0.5	16	4	
	0	0	0	0	
C. Uncultivable	1.6	0.5	13	4	
	3.5	0.7	29	6	
	4.5	0.9	37	7	
	0	0	0	0	
Totals Cultivated	46.4	1.9	382	16	
Uncultivated	44.0	1.9	363	16	
Uncultivable	9.6	1.1	79	9	

NATURAL REGION: 36. Bwaanji Valley

Total area: 830 km² Physical characteristics: Heavily
 Altitude: 450-750 m cultivated pediment; moderately
 Mean annual rainfall: 750-1000 mm cultivated depositional plains

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	29.3	1.9	243	15	
	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
B. Uncultivated	20.7	1.7	171	14	
	3.8	0.8	32	7	
	1.7	0.5	14	4	
	21.5	1.7	178	14	
	10.2	1.2	84	10	
	0.3	0.2	3	2	
	10.0	1.2	83	10	
C. Uncultivable	0.3	0.2	3	2	
	1.7	0.5	14	4	
	0.5	0.3	4	2	
	0	0	0	0	
Totals Cultivated	29.3	1.9	243	15	
Uncultivated	68.2	1.9	566	16	
Uncultivable	2.5	0.6	21	5	

NATURAL REGION: 37. Piri-longwe Hills

Total area: 2 270 km²

Altitude: 600-1500 m

Mean annual rainfall: 750-1150 mm

Physical characteristics: Steep sided
massif; dissected peripheral hills;
fringing pediments

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	9.5	0.7	215	16	
	2	0.3	0.1	7	3	
	3	0	0	0	0	
	4	0	0	0	0	
B. Uncultivated	5	13.0	0.8	296	18	
	6	0	0	0	0	
	7	0.05	0.05	1	1	
	8	28.2	1.1	641	24	
	9	10.6	0.7	242	17	
	10	15.1	0.9	342	19	
	11	3.9	0.5	87	10	
C. Uncultivable	12	17.8	0.9	403	21	
	13	1.2	0.3	27	6	
	14	0.4	0.2	9	3	
	15	0	0	0	0	
Totals Cultivated		8.9	0.7	222	16	
Uncultivated		70.9	1.1	1 609	25	
Uncultivable		19.4	0.9	440	22	

NATURAL REGION: 38. Mangoche Lakeshore Plain

Total area: 1 129 km²

Altitude: 450-900 m

Mean annual rainfall: 750-900 mm

Physical characteristics: Depositional
plains; hill masses with unculti-
vated pediments

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	22.0	1.4	249	16	
	2	1.7	0.4	19	5	
	3	0	0	0	0	
	4	0	0	0	0	
B. Uncultivated	5	28.8	1.6	325	18	
	6	3.8	0.7	42	7	
	7	1.2	0.4	14	4	
	8	10.9	1.1	124	12	
	9	12.0	1.1	135	13	
	10	6.9	0.9	78	10	
	11	0	0	0	0	
C. Uncultivable	12	8.1	0.9	92	11	
	13	2.4	0.5	27	6	
	14	2.2	0.5	25	6	
	15	0	0	0	0	
Totals Cultivated		23.7	1.5	268	17	
Uncultivated		63.6	1.7	718	19	
Uncultivable		12.7	1.2	144	13	

NATURAL REGION: 39. Nmweras Plain

Total area: 1 415 km²

Altitude: 900-1650 m

Mean annual rainfall: 900-1250 mm

Physical characteristics: Moderately to

heavily cultivated plains and rocky

hills; ferrallitic to ferruginous soils

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	44.6	1.4	631	20	
	2	1.5	0.3	22	5	
	3	0	0	0	0	
	4	3.2	0.5	45	7	
B. Uncultivated	5	21.9	1.2	310	17	
	6	0	0	0	0	
	7	3.2	0.5	46	7	
	8	3.1	0.5	43	7	
	9	4.0	0.6	56	8	
	10	2.2	0.4	31	6	
	11	0.2	0.1	3	2	
C. Uncultivable	12	13.3	1.0	189	14	
	13	1.0	0.3	14	4	
	14	1.6	0.4	23	5	
	15	0.2	0.1	3	2	
Totals Cultivated		49.3	1.4	697	20	
Uncultivated		34.6	1.4	489	19	
Uncultivable		16.1	1.0	229	15	

NATURAL REGION: 40. Namizimu Escarpment

Total area: 1 502 km²

Altitude: 600-1050 m

Mean annual rainfall: 900-1250 mm

Physical characteristics: Dissected

escarpment and gorges; rocky steep

sided massif; forest reserve

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	7.2	0.7	109	11	
	2	0	0	0	0	
	3	0	0	0	0	
	4	0	0	0	0	
B. Uncultivated	5	9.4	0.8	141	12	
	6	0	0	0	0	
	7	0.1	0.1	1	1	
	8	10.3	0.8	155	13	
	9	5.1	0.6	76	9	
	10	15.4	1.0	231	15	
	11	0	0	0	0	
C. Uncultivable	12	51.5	1.4	774	21	
	13	0.7	0.2	10	3	
	14	0.2	0.1	3	2	
	15	0	0	0	0	
Totals Cultivated		7.2	0.7	109	11	
Uncultivated		40.3	1.4	605	20	
Uncultivable		52.5	1.4	788	21	

NATURAL REGION: 41. Balakas Region

Total area: 1 613 km²

Altitude: 550-900 m

Mean annual rainfall: 750-900 mm

Physical characteristics: Undulating plains and dissected stony hills; ferrallitic to ferruginous soils

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated					
1	27.9	1.3	449	20	
2	0.2	0.1	3	2	
3	0.1	0.1	1	1	
4	0.6	0.2	10	4	
B. Uncultivated					
5	18.5	1.1	298	18	
6	0	0	0	0	
7	0.2	0.1	4	2	
8	7.8	0.8	125	12	
9	9.8	0.8	159	14	
10	5.8	0.7	94	11	
11	13.5	1.0	217	16	
C. Uncultivable					
12	10.9	0.9	176	14	
13	2.7	0.5	44	7	
14	1.9	0.4	31	6	
15	0.1	0.1	1	1	
Totals Cultivated	28.8	1.3	464	21	
Uncultivated	55.6	1.4	897	23	
Uncultivable	15.6	1.0	252	17	

NATURAL REGION: 42. Upper Shire Valley

Total area: 2 719 km²

Altitude: 450-600 m

Mean annual rainfall: 750-900 mm

Physical characteristics: Flat alluvial terraces; escarpment piedmont; swamp and mopane land

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated					
1	17.7	0.8	482	22	
2	0.2	0.1	5	3	
3	0.5	0.1	13	4	
4	0	0	0	0	
B. Uncultivated					
5	20.0	0.9	543	23	
6	4.4	0.4	120	12	
7	1.5	0.3	40	7	
8	10.5	0.7	286	18	
9	6.5	0.5	178	14	
10	3.1	0.4	83	10	
11	30.9	1.0	841	27	
C. Uncultivable					
12	1.9	0.3	50	8	
13	1.5	0.3	42	7	
14	1.3	0.2	34	7	
15	0.05	0.05	1	1	
Totals Cultivated	18.4	0.8	500	23	
Uncultivated	76.9	0.9	2 091	25	
Uncultivable	4.7	0.5	127	12	

NATURAL REGION: 43. Shire Highlands

Total area: 3 253 km² Physical characteristics: Dissected plains
 Altitude: 600-2000 m truncated by escarpments and surmounted
 Mean annual rainfall: 1000-1800 mm by residual mills; heavily cultivated

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	37.6	0.9	1 221	30	
	2	0.2	0.1	8	3	
	3	0.1	0.05	2	2	
	4	12.9	0.6	419	20	
B. Uncultivated	5	19.2	0.7	626	24	
	6	0.2	0.1	7	3	
	7	0.0	0.05	1	1	
	8	2.4	0.3	77	9	
	9	2.7	0.3	87	10	
	10	2.6	0.3	86	10	
	11	0	0	0	0	
C. Uncultivable	12	15.6	0.7	508	22	
	13	1.7	0.2	54	8	
	14	4.9	0.4	158	13	
	15	0	0	0	0	
Totals Cultivated		50.7	0.9	1 650	30	
Uncultivated		27.1	0.8	883	27	
Uncultivable		22.2	0.8	719	25	

NATURAL REGION: 44. Kawinga Plain

Total area: 1 098 km² Physical characteristics: Level to
 Altitude: 600-900 m undulating plain; lakeside swamps;
 Mean annual rainfall: 750-1000 mm mainly ferrallitic soils

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	45.8	1.7	503	18	
	2	2.0	0.5	22	5	
	3	0	0	0	0	
	4	0.1	0.1	1	1	
B. Uncultivated	5	24.2	1.4	266	16	
	6	16.9	1.3	185	14	
	7	4.9	0.7	54	8	
	8	1.1	0.4	12	4	
	9	2.7	0.5	29	6	
	10	0.2	0.2	2	2	
	11	0	0	0	0	
C. Uncultivable	12	0.1	0.1	1	1	
	13	1.0	0.3	11	4	
	14	1.0	0.3	11	4	
	15	0	0	0	0	
Totals Cultivated		47.9	1.7	526	18	
Uncultivated		50.0	1.7	549	18	
Uncultivable		2.1	0.5	23	5	

NATURAL REGION: 45. Chilwa-Palombe Plain

Total area: 4 581 km²

Altitude: 600-900 m

Mean annual rainfall: 750-1000 mm

Physical characteristics: Heavily cultivated pediplains; sparsely to heavily cultivated depositional plains; marshes

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	41.4	0.8	1 895	37	
	1.3	0.2	58	8	
	0.1	0.05	5	2	
	0.8	0.1	37	7	
B. Uncultivated	23.3	0.7	1 067	32	
	19.3	0.6	885	30	
	2.3	0.2	106	11	
	1.7	0.2	80	10	
	2.1	0.2	97	11	
	0.5	0.1	25	5	
	0.05	0.05	1	1	
C. Uncultivable	1.6	0.2	74	9	
	1.6	0.2	75	10	
	3.8	0.3	173	14	
	0.1	0.05	5	2	
Totals Cultivated	43.6	0.8	1 995	37	
Uncultivated	49.3	0.8	2 260	38	
Uncultivable	7.1	0.4	327	19	

NATURAL REGION: 46. Mlanje Massif

Total area: 765 km²

Altitude: 900-3050 m

Mean annual rainfall: 1000-3050 mm

Physical characteristics: High altitude dissected plateau; ferrallitic and bauxitic soils; forest reserve

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	5.2	0.8	39	6	
	0.1	0.1	1	1	
	0	0	0	0	
	5.0	0.8	38	6	
B. Uncultivated	6.6	0.9	50	7	
	0	0	0	0	
	0	0	0	0	
	8.5	1.0	65	8	
	1.1	0.4	9	3	
	9.2	1.1	70	8	
	0	0	0	0	
C. Uncultivable	63.0	1.8	482	14	
	0.6	0.3	4	2	
	0.7	0.3	5	2	
	0	0	0	0	
Totals Cultivated	10.3	1.1	79	9	
Uncultivated	25.4	1.6	194	12	
Uncultivable	64.3	1.8	492	14	

NATURAL REGION: 47. Upper Ruo Valley

Total area: 465 km²
 Altitude: 450-900 m
 Mean annual rainfall: 1000-1800 mm

Physical characteristics: Undulating plain and pediment; ferrallitic soils to ferrisols

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	46.4	2.5	216	12	
	2	0	0	0	0	
	3	0.2	0.2	1	1	
	4	19.0	2.0	88	9	
B. Uncultivated	5	20.0	2.0	93	9	
	6	0	0	0	0	
	7	0.2	0.2	1	1	
	8	1.7	0.7	8	3	
	9	1.0	0.5	5	2	
	10	0.5	0.4	2	2	
	11	0	0	0	0	
C. Uncultivable	12	1.2	0.6	6	3	
	13	1.2	0.6	6	3	
	14	8.5	1.4	39	6	
	15	0	0	0	0	
Totals Cultivated		65.6	2.4	305	11	
Uncultivated		23.4	2.1	109	10	
Uncultivable		11.0	1.6	51	7	

NATURAL REGION: 48. Mwanza Escarpment

Total area: 1 885 km²
 Altitude: 600-1450 m
 Mean annual rainfall: 900-1400 mm

Physical characteristics: Dissected escarpment and plateau remnants; ferrallitic and ferruginous soils

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	11.1	0.8	209	16	
	2	0.05	0.05	1	1	
	3	0	0	0	0	
	4	0.4	0.2	7	3	
B. Uncultivated	5	17.0	1.0	321	19	
	6	0	0	0	0	
	7	0.05	0.05	1	1	
	8	6.0	0.6	113	12	
	9	5.0	0.6	94	11	
	10	21.3	1.1	402	21	
	11	0	0	0	0	
C. Uncultivable	12	34.6	1.3	653	24	
	13	3.0	0.5	57	9	
	14	1.4	0.3	26	6	
	15	0	0	0	0	
Totals Cultivated		11.5	0.9	217	16	
Uncultivated		49.4	1.3	932	25	
Uncultivable		39.1	1.3	736	25	

NATURAL REGION: 49. Chikwawa-Thyolo Escarpment

Total area: 1 019 km²

Physical characteristics: Dissected escarpment with fault step

Altitude: 100-1250 m

Mean annual rainfall: 750-1500 mm

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	10.4	1.1	106	12	
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
B. Uncultivated	20.2	1.5	206	15	
5	0	0	0	0	
6	0	0	0	0	
7	5.8	0.9	59	9	
8	7.2	1.0	74	10	
9	14.0	1.3	143	13	
10	0	0	0	0	
11					
C. Uncultivable	38.6	1.8	393	18	
12	3.2	0.7	33	7	
13	0.6	0.3	6	3	
14	0	0	0	0	
15					
Totals Cultivated	10.4	1.1	106	12	
Uncultivated	47.3	1.9	482	19	
Uncultivable	42.3	1.9	431	19	

NATURAL REGION: 50. Lower Shire Valley

Total area: 2 744 km²

Physical characteristics: Depositional plains; floodplain marshes;

Altitude: 35-100 m

basaltic clay plain; game reserve

Mean annual rainfall: 650-900 mm

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	27.9	1.0	764	28	
1	0.3	0.1	8	3	
2	3.5	0.4	96	11	
3	0.6	0.2	17	5	
4					
B. Uncultivated	22.8	0.9	627	26	
5	20.0	0.9	549	25	
6	3.2	0.4	89	11	
7	6.9	0.6	190	16	
8	5.2	0.5	142	14	
9	2.7	0.4	74	10	
10	0.9	0.2	25	6	
11					
C. Uncultivable	0.1	0.05	3	2	
12	2.9	0.4	80	10	
13	2.9	0.4	80	10	
14	0	0	0	0	
15					
Totals Cultivated	32.3	1.1	885	29	
Uncultivated	61.8	1.1	1 696	30	
Uncultivable	5.9	0.5	163	15	

NATURAL REGION: 51. Lower Shire Hills

Total area: 1 979 km²

Altitude: 100-400 m

Mean annual rainfall: 750-900 mm

Physical characteristics: Undulating
uplands; steep rocky hills; poor
lithosols; forest reserve

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	3.2	0.5	62	10	
	2	0.1	0.1	2	2	
	3	0	0	0	0	
	4	0	0	0	0	
B. Uncultivated	5	6.8	0.7	134	14	
	6	0	0	0	0	
	7	0.4	0.2	8	3	
	8	9.6	0.8	190	16	
	9	6.2	0.7	122	13	
	10	32.4	1.3	641	26	
	11	6.5	0.7	129	14	
C. Uncultivable	12	32.8	1.3	650	26	
	13	1.3	0.3	26	6	
	14	0.6	0.2	12	4	
	15	0.2	0.1	3	2	
Totals Cultivated		3.3	0.5	64	10	
Uncultivated		61.8	1.3	1 224	27	
Uncultivable		34.9	1.3	691	26	

NATURAL REGION: 52. Nsanje Hills

Total area: 617 km²

Altitude: 90-900 m

Mean annual rainfall: 900-1500 mm

Physical characteristics: Stony
escarpment and foothills;
game reserve

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks	
A. Cultivated	1	7.2	1.3	45	8	
	2	1.4	0.6	9	4	
	3	0	0	0	0	
	4	0	0	0	0	
B. Uncultivated	5	14.2	1.7	88	11	
	6	0	0	0	0	
	7	0.2	0.2	1	1	
	8	5.3	1.1	33	7	
	9	7.12	1.3	45	8	
	10	23.6	2.1	146	13	
	11	0.2	0.2	1	1	
C. Uncultivable	12	38.6	2.2	238	15	
	13	1.7	0.6	10	4	
	14	0.2	0.2	1	1	
	15	0	0	0	0	
Totals Cultivated		8.7	1.4	54	9	
Uncultivated		50.8	2.5	314	15	
Uncultivable		40.5	2.4	250	15	

NATURAL REGION: 53. Chileka Region

Total area: 691 km²

Altitude: 600-900 m

Mean annual rainfall: 900-1000 mm

Physical characteristics: Plains;
gentle to moderate slopes;

ferrallitic to ferruginous soils

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	53.0	2.2	366	15	
	2	0	0	0	0	
	3	0.4	0.3	3	2	
	4	1.2	0.5	8	3	
B. Uncultivated	5	28.9	2.0	200	14	
	6	0	0	0	0	
	7	0	0	0	0	
	8	1.0	0.4	7	3	
	9	4.9	0.9	34	7	
	10	2.1	0.6	15	4	
	11	0	0	0	0	
C. Uncultivable	12	0.8	0.4	5	3	
	13	2.3	0.7	16	5	
	14	5.4	1.0	38	7	
	15	0	0	0	0	
Totals Cultivated		54.6	2.2	377	15	
Uncultivated		36.9	2.1	255	15	
Uncultivable		8.5	1.2	59	9	

NATURAL REGION: 54. Middle Shire Valley

Total area: 1 631 km²

Altitude: 450-1050 m

Mean annual rainfall: 750-900 mm

Physical characteristics: Depositional
plains; pediplains and stony hill
masses; game reserve

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated	1	3.7	0.5	60	9	
	2	0.3	0.2	5	3	
	3	0	0	0	0	
	4	0	0	0	0	
B. Uncultivated	5	10.2	0.9	166	14	
	6	0.2	0.1	3	2	
	7	0.4	0.2	7	3	
	8	3.8	0.5	61	9	
	9	4.3	0.6	69	10	
	10	37.4	1.4	610	23	
	11	0.3	0.1	4	2	
C. Uncultivable	12	35.3	1.4	576	23	
	13	3.6	0.5	59	9	
	14	0.5	0.2	8	3	
	15	0.1	0.1	1	1	
Totals Cultivated		4.0	0.6	65	9	
Uncultivated		56.5	1.4	921	23	
Uncultivable		39.5	1.4	644	23	

NATURAL REGION: 55. Makanjilla Peninsula

Total area: 368 km²

Altitude: 450-600 m

Mean annual rainfall: 900-1000 mm

Physical characteristics: Undulating
plains; fringing sand dunes;
alkaline alluviums and regosols

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Remarks
A. Cultivated					
1	13.8	1.6	51	6	
2	0	0	0	0	
3	0.4	0.3	2	1	
4	0	0	0	0	
B. Uncultivated					
5	27.9	2.1	103	8	
6	1.7	0.6	6	2	
7	0.2	0.2	1	1	
8	18.8	1.8	69	7	
9	27.0	2.1	99	8	
10	6.9	1.2	25	4	
11	0	0	0	0	
C. Uncultivable					
12	0.6	0.4	2	1	
13	2.4	0.7	9	3	
14	0.2	0.2	1	1	
15	0	0	0	0	
Totals Cultivated	14.3	1.6	52	6	
Uncultivated	82.5	1.8	304	7	
Uncultivable	3.2	0.8	12	3	

**ANNEXE 3
LAND USE CLASS, BY
NATURAL AREAS**

Land Use Class	Area (km ²)	Percentage (%)	Total Area (km ²)	Total Percentage (%)
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0
31	0	0	0	0
32	0	0	0	0
33	0	0	0	0
34	0	0	0	0
35	0	0	0	0
36	0	0	0	0
37	0	0	0	0
38	0	0	0	0
39	0	0	0	0
40	0	0	0	0
41	0	0	0	0
42	0	0	0	0
43	0	0	0	0
44	0	0	0	0
45	0	0	0	0
46	0	0	0	0
47	0	0	0	0
48	0	0	0	0
49	0	0	0	0
50	0	0	0	0
51	0	0	0	0
52	0	0	0	0
53	0	0	0	0
54	0	0	0	0
55	0	0	0	0
56	0	0	0	0
57	0	0	0	0
58	0	0	0	0
59	0	0	0	0
60	0	0	0	0
61	0	0	0	0
62	0	0	0	0
63	0	0	0	0
64	0	0	0	0
65	0	0	0	0
66	0	0	0	0
67	0	0	0	0
68	0	0	0	0
69	0	0	0	0
70	0	0	0	0
71	0	0	0	0
72	0	0	0	0
73	0	0	0	0
74	0	0	0	0
75	0	0	0	0
76	0	0	0	0
77	0	0	0	0
78	0	0	0	0
79	0	0	0	0
80	0	0	0	0
81	0	0	0	0
82	0	0	0	0
83	0	0	0	0
84	0	0	0	0
85	0	0	0	0
86	0	0	0	0
87	0	0	0	0
88	0	0	0	0
89	0	0	0	0
90	0	0	0	0
91	0	0	0	0
92	0	0	0	0
93	0	0	0	0
94	0	0	0	0
95	0	0	0	0
96	0	0	0	0
97	0	0	0	0
98	0	0	0	0
99	0	0	0	0
100	0	0	0	0

Land Use Class	Area (km ²)	Percentage (%)	Total Area (km ²)	Total Percentage (%)
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0
31	0	0	0	0
32	0	0	0	0
33	0	0	0	0
34	0	0	0	0
35	0	0	0	0
36	0	0	0	0
37	0	0	0	0
38	0	0	0	0
39	0	0	0	0
40	0	0	0	0
41	0	0	0	0
42	0	0	0	0
43	0	0	0	0
44	0	0	0	0
45	0	0	0	0
46	0	0	0	0
47	0	0	0	0
48	0	0	0	0
49	0	0	0	0
50	0	0	0	0
51	0	0	0	0
52	0	0	0	0
53	0	0	0	0
54	0	0	0	0
55	0	0	0	0
56	0	0	0	0
57	0	0	0	0
58	0	0	0	0
59	0	0	0	0
60	0	0	0	0
61	0	0	0	0
62	0	0	0	0
63	0	0	0	0
64	0	0	0	0
65	0	0	0	0
66	0	0	0	0
67	0	0	0	0
68	0	0	0	0
69	0	0	0	0
70	0	0	0	0
71	0	0	0	0
72	0	0	0	0
73	0	0	0	0
74	0	0	0	0
75	0	0	0	0
76	0	0	0	0
77	0	0	0	0
78	0	0	0	0
79	0	0	0	0
80	0	0	0	0
81	0	0	0	0
82	0	0	0	0
83	0	0	0	0
84	0	0	0	0
85	0	0	0	0
86	0	0	0	0
87	0	0	0	0
88	0	0	0	0
89	0	0	0	0
90	0	0	0	0
91	0	0	0	0
92	0	0	0	0
93	0	0	0	0
94	0	0	0	0
95	0	0	0	0
96	0	0	0	0
97	0	0	0	0
98	0	0	0	0
99	0	0	0	0
100	0	0	0	0

The data in this table were derived from the land use and cover (LULU) data for the year 2000. The LULU data were obtained from the National Landsat Data Distribution System (NLDD) and were processed using the National Landsat Data Distribution System (NLDD) software. The NLDD software is available at the following URL: <http://www.nasim.usgs.gov/>

NATURAL AREA: * 1a
 Area: 180 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	1.9	1.1	3	2	3
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	7.6	2.1	14	4	12
6	0	0	0	0	0
7	0.6	0.6	1	1	1
8	0.6	0.6	1	1	1
9	15.2	2.9	27	5	24
10	35.4	3.8	64	7	56
11	0	0	0	0	0
C. Uncultivable					
12	24.7	3.4	44	6	39
13	13.3	2.7	24	5	21
14	0.6	0.6	1	1	1
15	0	0	0	0	0
Totals Cultivated	1.9	1.1	3	2	
Uncultivated	59.5	3.9	107	7	
Uncultivable	38.6	3.9	69	7	

NATURAL AREA: 1b
 Area: 46 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	12.5	4.4	6	2	7
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	39.3	6.5	18	3	22
6	0	0	0	0	0
7	0	0	0	0	0
8	3.9	2.5	2	1	2
9	21.4	5.5	10	3	12
10	5.4	3.0	2	1	3
11	0	0	0	0	0
C. Uncultivable					
12	1.8	1.8	1	1	1
13	16.1	4.9	7	2	9
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	12.5	4.4	6	2	
Uncultivated	69.6	6.1	32	3	
Uncultivable	17.9	5.1	8	2	

*See Young and Brown (1962), Brown and Young (1965) and Map sheet 3, Natural Regions and Areas of Southern Malawi by A R Stobbs (1971) for description of the Natural Areas.

NATURAL AREA: 2a
 Area: 674 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	7.6	1.1	51	7	46
2	0.2	0.2	1	1	1
3	0.3	0.2	2	2	2
4	0	0	0	0	0
B. Uncultivated					
5	26.5	1.8	179	12	160
6	0.3	0.2	2	2	2
7	19.2	1.6	130	11	116
8	1.8	0.5	12	4	11
9	37.5	2.0	252	13	226
10	1.8	0.5	12	4	11
11	0	0	0	0	0
C. Uncultivable					
12	0.3	0.2	2	2	2
13	2.5	0.6	17	4	15
14	1.8	0.5	12	4	11
15	0	0	0	0	0
Totals Cultivated	8.1	1.1	55	7	
Uncultivated	87.1	1.4	588	9	
Uncultivable	4.6	0.9	31	6	

NATURAL AREA: 2b
 Area: 218 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	2.6	1.3	6	3	4
2	0	0	0	0	0
3	0.7	0.7	1	1	1
4	0	0	0	0	0
B. Uncultivated					
5	47.0	4.1	102	9	71
6	1.3	0.9	3	2	2
7	2.6	1.3	6	3	4
8	1.3	0.9	3	2	2
9	19.2	3.2	42	7	29
10	6.6	2.0	14	4	10
11	0	0	0	0	0
C. Uncultivable					
12	4.0	1.6	9	3	6
13	8.6	2.3	19	5	13
14	4.0	1.6	9	3	6
15	2.0	1.1	4	2	3
Totals Cultivated	3.3	1.5	7	3	
Uncultivated	78.1	3.4	170	7	
Uncultivable	18.6	3.2	40	7	

NATURAL AREA: 2c
 Area: 97 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	5.7	2.5	6	2	5
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	36.8	5.2	36	5	32
6	0	0	0	0	0
7	4.6	2.2	4	2	4
8	0	0	0	0	0
9	40.2	5.3	39	5	35
10	3.4	2.0	3	2	3
11	0	0	0	0	0
C. Uncultivable					
12	1.1	1.1	1	1	1
13	6.9	2.7	7	3	6
14	1.1	1.1	1	1	1
15	0	0	0	0	0
Totals Cultivated	5.7	2.5	6	2	
Uncultivated	85.1	3.8	82	4	
Uncultivable	9.2	3.1	9	3	

NATURAL AREA: 2d
 Area: 98 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	11.4	3.4	11	3	10
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	42.0	5.3	41	5	37
6	0	0	0	0	0
7	1.1	1.1	1	1	1
8	0	0	0	0	0
9	26.1	4.7	26	5	23
10	6.8	2.7	7	3	6
11	0	0	0	0	0
C. Uncultivable					
12	2.3	1.6	2	1	2
13	10.2	3.2	10	3	9
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	11.4	3.4	11	3	
Uncultivated	76.0	4.6	75	4	
Uncultivable	12.5	3.5	12	3	

NATURAL AREA: 2e
 Area: 27 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	12.5	6.8	3	2	3
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	29.2	9.3	8	2	7
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	25.0	8.8	7	2	6
11	20.8	8.3	6	2	5
	0	0	0	0	0
C. Uncultivable					
12	4.2	4.1	1	1	1
13	4.2	4.1	1	1	1
14	4.2	4.1	1	1	1
15	0	0	0	0	0
Totals Cultivated	12.5	6.8	3	2	
Uncultivated	75.0	8.8	20	2	
Uncultivable	12.5	6.8	3	2	

NATURAL AREA: 2f
 Area: 6 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	50.0	17.7	3	1	4
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	50.0	17.7	3	1	4
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	50.0	17.7	3	1	
Uncultivated	50.0	17.7	3	1	
Uncultivable	0	0	0	0	

NATURAL AREA: 3a
 Area: 343 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	11.6	2.0	40	7	29
2	0	0	0	0	0
3	0.8	0.6	3	2	2
4	2.4	1.0	8	3	6
B. Uncultivated					
5	22.9	2.7	78	9	57
6	0	0	0	0	0
7	0	0	0	0	0
8	1.2	0.7	4	2	3
9	1.6	0.8	6	3	4
10	43.0	3.1	147	11	107
11	0	0	0	0	0
C. Uncultivable					
12	1.6	0.8	6	3	4
13	14.1	2.2	48	8	35
14	0.8	0.6	3	2	2
15	0	0	0	0	0
Totals Cultivated	14.8	2.3	51	8	
Uncultivated	68.7	2.9	235	10	
Uncultivable	16.5	2.4	56	8	

NATURAL AREA: 3b
 Area: 66 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	5.7	3.2	4	2	3
2	0	0	0	0	0
3	1.9	1.9	1	1	1
4	0	0	0	0	0
B. Uncultivated					
5	24.5	5.9	16	4	13
6	1.9	1.9	1	1	1
7	0	0	0	0	0
8	0	0	0	0	0
9	24.5	5.9	16	4	13
10	22.6	5.7	15	4	12
11	0	0	0	0	0
C. Uncultivable					
12	1.9	1.9	1	1	1
13	15.1	4.9	10	3	8
14	1.9	1.9	1	1	1
15	0	0	0	0	0
Totals Cultivated	7.5	3.6	5	2	
Uncultivated	73.6	6.1	49	4	
Uncultivable	18.9	5.4	12	4	

NATURAL AREA: 3c
 Area: 28 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	7.1	4.9	2	1	2
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	10.7	5.8	3	2	3
6	0	0	0	0	0
7	0	0	0	0	0
8	14.3	6.6	4	2	4
9	3.6	3.5	1	1	1
10	35.7	9.1	10	3	10
11	0	0	0	0	0
C. Uncultivable					
12	25.0	8.2	7	2	7
13	3.6	3.5	1	1	1
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	7.1	4.9	2	1	
Uncultivated	64.3	9.1	18	3	
Uncultivable	28.6	8.5	8	2	

NATURAL AREA: 3d
 Area: 253 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	3.9	1.3	10	3	9
2	0	0	0	0	0
3	0.4	0.4	1	1	1
4	0	0	0	0	0
B. Uncultivated					
5	19.9	2.6	50	7	46
6	0	0	0	0	0
7	0	0	0	0	0
8	1.7	0.9	4	2	4
9	26.8	2.9	68	7	62
10	30.3	3.0	77	8	70
11	0	0	0	0	0
C. Uncultivable					
12	5.6	1.5	14	4	13
13	8.7	1.9	22	5	20
14	2.6	1.0	7	3	6
15	0	0	0	0	0
Totals Cultivated	4.3	1.3	11	3	
Uncultivated	78.8	2.7	199	7	
Uncultivable	16.9	2.5	43	6	

NATURAL AREA: 3e
 Area: 104 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	11.0	3.3	11	3	10
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	15.4	3.8	16	4	14
6	0	0	0	0	0
7	0	0	0	0	0
8	1.1	1.1	1	1	1
9	9.9	3.1	10	5	9
10	31.9	4.9	33	5	29
11	0	0	0	0	0
C. Uncultivable					
12	5.5	2.4	6	2	5
13	22.0	4.3	23	5	20
14	0	0	0	0	0
15	3.3	1.9	3	2	3
Totals Cultivated	11.0	3.3	11	3	
Uncultivated	58.2	5.2	61	5	
Uncultivable	30.8	4.8	32	5	

NATURAL AREA: 3f
 Area: 69 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	1.8	1.7	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	5.3	3.0	4	2	3
6	0	0	0	0	0
7	0	0	0	0	0
8	1.8	1.7	1	1	1
9	7.0	3.4	5	2	4
10	29.8	6.1	21	4	17
11	0	0	0	0	0
C. Uncultivable					
12	50.9	6.6	35	5	29
13	3.5	2.4	2	2	2
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	1.8	1.7	1	1	
Uncultivated	43.9	6.6	30	5	
Uncultivable	54.4	6.6	38	5	

NATURAL AREA: 3g
 Area: 63 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1					
2	3.2	2.2	2	1	2
3	0	0	0	0	0
4	0	0	0	0	0
	0	0	0	0	0
B. Uncultivated					
5					
6	31.7	5.9	20	4	20
7	0	0	0	0	0
8	0	0	0	0	0
9	3.2	2.2	2	1	2
10	15.9	4.6	10	3	10
11	33.3	5.9	21	4	21
	0	0	0	0	0
C. Uncultivable					
12					
13	4.8	2.7	3	2	3
14	7.9	3.4	5	2	5
15	0	0	0	0	0
	0	0	0	0	0
Totals Cultivated	3.2	2.2	2	1	
Uncultivated	84.1	4.6	53	3	
Uncultivable	12.7	4.2	8	3	

NATURAL AREA: 3h
 Area: 172 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1					
2	3.2	1.3	6	2	6
3	0	0	0	0	0
4	0.5	0.5	1	1	1
	0	0	0	0	0
B. Uncultivated					
5					
6	15.0	2.6	26	4	28
7	2.1	1.1	4	2	4
8	9.6	2.2	17	4	18
9	1.6	0.9	3	2	3
10	15.5	2.6	27	5	29
11	36.4	3.5	63	6	68
	0	0	0	0	0
C. Uncultivable					
12					
13	11.8	2.4	20	4	22
14	4.3	1.5	7	3	8
15	0	0	0	0	0
	0	0	0	0	0
Totals Cultivated	3.7	1.4	6	2	
Uncultivated	80.2	2.9	138	5	
Uncultivable	16.1	2.7	28	5	

NATURAL AREA: 31
 Area: 23 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1					
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5					
	6	36.8	11.1	9	3	7
	7	10.5	7.0	2	2	2
	8	0	0	0	0	0
	9	0	0	0	0	0
	10	31.6	10.7	7	2	6
	11	10.5	7.0	2	2	2
C. Uncultivable	12					
	13	0	0	0	0	0
	14	5.3	5.1	1	1	1
	15	5.3	5.1	1	1	1
Totals	Cultivated	0	0	0	0	
	Uncultivated	89.5	7.0	21	2	
	Uncultivable	10.5	7.0	2	2	

NATURAL AREA: 4a
 Area: 15 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1					
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5					
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	0	0	0	0	0
	9	0	0	0	0	0
	10	0	0	0	0	0
	11	19.2	7.7	3	1	5
C. Uncultivable	12					
	13	76.9	8.3	11	1	20
	14	3.8	3.8	1	1	1
	15	0	0	0	0	0
Totals	Cultivated	0	0	0	0	
	Uncultivated	19.2	7.7	3	1	
	Uncultivable	80.8	7.7	12	1	

NATURAL AREA: 4b
 Area: 98 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	10.2	2.8	10	3	12
6	0	0	0	0	0
7	0.8	0.8	1	1	1
8	5.9	2.2	6	2	7
9	16.1	3.4	16	3	19
10	57.6	4.5	56	4	68
11	0	0	0	0	0
C. Uncultivable					
12	5.1	2.0	5	2	6
13	3.4	1.7	3	2	4
14	0.8	0.8	1	1	1
15	0	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	90.7	2.7	89	3	
Uncultivable	9.3	2.7	9	3	

NATURAL AREA: 4c
 Area: 174 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	4.1	1.3	7	2	9
2	0	0	0	0	0
3	0.5	0.5	1	1	1
4	0	0	0	0	0
B. Uncultivated					
5	5.0	1.5	9	3	11
6	0	0	0	0	0
7	0	0	0	0	0
8	4.1	1.3	7	2	9
9	30.0	3.1	52	5	66
10	30.5	3.1	53	5	67
11	0	0	0	0	0
C. Uncultivable					
12	20.5	2.7	36	5	45
13	5.5	1.5	9	3	12
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	4.6	1.4	8	2	
Uncultivated	69.5	3.1	121	5	
Uncultivable	25.9	3.0	45	5	

NATURAL AREA: 4d
 Area: 127 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points	
A. Cultivated	1	0.3	0.3	1	0.5	1
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	3.5	1.1	4	1	10
	6	0	0	0	0	0
	7	1.4	0.7	2	1	4
	8	12.2	1.9	15	2	35
	9	18.4	2.3	23	3	53
	10	53.8	2.9	68	4	155
	11	0	0	0	0	0
C. Uncultivable	12	5.9	1.4	7	2	17
	13	3.8	1.1	5	1	11
	14	0	0	0	0	0
	15	0.7	0.5	1	0.5	2
Totals Cultivated		0.3	0.3	0.5	0.5	
Uncultivated		89.3	1.8	113	2	
Uncultivable		10.4	1.8	13	2	

NATURAL AREA: 4e
 Area: 745 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points	
Cultivated	1	0.8	0.3	6	2	9
	2	0.1	0.1	1	1	1
	3	0.3	0.2	2	1	3
	4	0	0	0	0	0
B. Uncultivated	5	7.9	0.8	59	6	86
	6	0.1	0.1	1	1	1
	7	0.2	0.1	1	1	2
	8	4.8	0.6	36	5	52
	9	34.4	1.4	257	11	373
	10	36.4	1.5	271	11	394
	11	0	0	0	0	0
C. Uncultivable	12	10.2	0.9	76	7	111
	13	4.3	0.6	32	5	47
	14	0.4	0.2	3	1	4
	15	0	0	0	0	0
Totals Cultivated		1.2	0.3	9	2	
Uncultivated		83.8	1.1	625	8	
Uncultivable		15.0	1.1	111	8	

NATURAL AREA: 4f
 Area: 27 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1					
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
	0	0	0	0	0
B. Uncultivated					
5					
6	9.6	4.1	3	1	5
7	0	0	0	0	0
8	3.8	2.7	1	1	2
9	15.4	5.0	4	1	8
10	51.9	6.9	14	2	27
11	15.4	5.0	4	1	8
	0	0	0	0	0
C. Uncultivable					
12					
13	1.9	1.9	0.5	0.5	1
14	1.9	1.9	0.5	0.5	1
15	0	0	0	0	0
	0	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	96.2	2.7	26	0.5	
Uncultivable	3.8	2.7	1	0.5	

NATURAL AREA: 4g
 Area: 15 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1					
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
	0	0	0	0	0
B. Uncultivated					
5					
6	20.0	8.9	3	1	4
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	70.0	10.2	10	2	14
11	10.0	6.7	2	1	2
	0	0	0	0	0
C. Uncultivable					
12					
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
	0	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	100	0	15	0	
Uncultivable	0	0	0	0	

NATURAL AREA: 5a
 Area: 498 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	0.9	0.4	4	2	4
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	3.3	0.8	17	4	15
6	0.4	0.3	2	2	2
7	0	0	0	0	0
8	1.3	0.5	7	3	6
9	31.2	2.2	155	11	141
10	49.1	2.4	245	12	222
11	0	0	0	0	0
C. Uncultivable					
12	2.0	0.7	10	3	9
13	8.0	1.3	40	6	36
14	0.2	0.2	1	1	1
15	3.5	0.9	18	4	16
Totals Cultivated	0.9	0.4	4	2	
Uncultivated	85.4	1.7	425	8	
Uncultivable	13.7	1.6	68	8	

NATURAL AREA: 5b
 Area: 17 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	0	0	0	0	0
6	0	0	0	0	0
7	4.3	4.3	1	0.5	1
8	56.5	10.3	10	2	13
9	30.4	9.6	5	2	7
10	8.7	5.9	1	1	2
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	100	0	17	0	
Uncultivable	0	0	0	0	

NATURAL AREA: 5c
 Area: 149 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1					
2	0	0	0	0	0
3	0.7	0.5	1	1	2
4	0	0	0	0	0
	0	0	0	0	0
B. Uncultivated					
5					
6	7.1	1.6	11	2	19
7	0	0	0	0	0
8	0	0	0	0	0
9	5.2	1.4	8	2	14
10	67.0	2.9	100	4	179
11	15.0	2.2	22	3	40
	0	0	0	0	0
C. Uncultivable					
12					
13	1.5	0.7	2	1	4
14	3.4	1.1	5	2	9
15	0	0	0	0	0
	0	0	0	0	0
Totals Cultivated	0.7	0.5	1	1	
Uncultivated	94.4	1.4	141	2	
Uncultivable	4.9	1.3	7	2	

NATURAL AREA: 5d
 Area: 693 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1					
2	0.3	0.2	2	1	2
3	0	0	0	0	0
4	0.1	0.1	1	1	1
	0	0	0	0	0
B. Uncultivated					
5					
6	2.7	0.6	19	4	19
7	0.3	0.2	2	1	2
8	0	0	0	0	0
9	3.3	0.7	23	5	23
10	29.1	1.7	202	12	205
11	50.1	1.9	347	13	353
	0	0	0	0	0
C. Uncultivable					
12					
13	9.1	1.1	63	7	64
14	4.7	0.8	32	6	33
15	0	0	0	0	0
	0.4	0.2	3	2	3
Totals Cultivated	0.4	0.2	3	2	
Uncultivated	85.4	1.3	592	9	
Uncultivable	14.2	1.3	98	9	

NATURAL AREA: 5e
 Area: 69 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	20.9	6.2	15	4	9
6	4.7	3.2	3	2	2
7	2.3	2.3	2	2	1
8	2.3	2.3	2	2	1
9	16.3	5.6	11	4	7
10	48.8	7.6	34	5	21
11	0	0	0	0	0
C. Uncultivable					
12	4.7	3.2	3	2	2
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	95.3	3.2	66	2	
Uncultivable	4.7	3.2	3	2	

NATURAL AREA: 5f
 Area: 72 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	0	0	0	0	0
2	0	0	0	0	0
3	1.4	1.4	1	1	1
4	0	0	0	0	0
B. Uncultivated					
5	2.9	2.0	2	1	2
6	4.3	2.5	3	2	3
7	0	0	0	0	0
8	0	0	0	0	0
9	10.1	3.6	7	3	7
10	29.0	5.5	21	4	20
11	0	0	0	0	0
C. Uncultivable					
12	4.3	2.5	3	2	3
13	5.8	2.8	4	2	4
14	1.4	1.4	1	1	1
15	40.6	5.9	29	4	28
Totals Cultivated	1.4	1.4	1	1	
Uncultivated	46.4	6.0	33	4	
Uncultivable	52.2	6.0	38	4	

NATURAL AREA: 5g
 Area: 33 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	0	0	0	0	0
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	6.1	4.2	2	1	2
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	24.2	7.5	8	2	8
	9	51.5	8.7	17	3	17
	10	12.1	5.7	4	2	4
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	6.1	4.2	2	1	2
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		0	0	0	0	
Uncultivated		93.9	4.2	31	1	
Uncultivable		6.1	4.2	2	1	

NATURAL AREA: 6a
 Area: 207 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
Cultivated	1	31.4	3.8	65	8	48
	2	13.7	2.8	28	6	21
	3	9.2	2.3	19	5	14
	4	0.7	0.7	1	1	1
B. Uncultivated	5	22.2	3.4	46	7	34
	6	5.2	1.8	11	4	8
	7	3.3	1.4	7	3	5
	8	0.7	0.7	1	1	1
	9	3.3	1.4	7	3	0
	10	0.7	0.7	1	1	1
	11	0	0	0	0	4
C. Uncultivable	12	0.7	0.7	1	1	1
	13	2.6	1.3	5	3	4
	14	6.5	2.0	14	4	10
	15	0	0	0	0	0
Totals Cultivated		54.9	4.0	114	8	
Uncultivated		35.3	3.9	73	8	
Uncultivable		9.8	2.4	20	5	

NATURAL AREA: 6b
 Area: 125 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	48.1	4.9	60	6	51
2	0	0	0	0	0
3	0.9	0.9	1	1	1
4	0.9	0.9	1	1	1
B. Uncultivated					
5	25.5	4.2	32	5	27
6	6.6	2.4	8	3	7
7	0.9	0.9	1	1	1
8	0	0	0	0	0
9	7.5	2.6	9	3	8
10	3.8	1.9	5	2	4
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	3.8	1.9	5	2	4
14	1.9	1.3	2	2	2
15	0	0	0	0	0
Totals Cultivated	50.0	4.9	62	6	
Uncultivated	44.3	4.8	55	6	
Uncultivable	5.7	2.2	7	3	

NATURAL AREA: 6c
 Area: 112 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	20.4	4.1	23	5	20
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	20.4	4.1	23	5	20
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	10.2	3.1	11	3	10
10	36.7	4.9	41	5	36
11	9.2	2.9	10	3	9
	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	2.0	1.4	2	2	2
14	1.0	1.0	1	1	1
15	0	0	0	0	0
Totals Cultivated	20.4	4.1	23	5	
Uncultivated	76.5	4.3	86	5	
Uncultivable	3.1	1.7	3	2	

NATURAL AREA: 6d
 Area: 131 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	35.2	4.6	46	6	38
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	24.1	4.1	31	5	26
6	0.9	0.9	1	1	1
7	0	0	0	0	0
8	6.5	2.4	8	3	7
9	23.1	4.1	30	5	25
10	7.4	2.5	10	3	8
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	1.9	1.3	2	2	2
14	0.9	0.9	1	1	1
15	0	0	0	0	0
Totals Cultivated	35.2	4.6	46	6	
Uncultivated	62.0	4.7	81	6	
Uncultivable	2.8	1.6	4	2	

NATURAL AREA: 6e
 Area: 72 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	5.4	3.0	4	2	3
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	17.9	5.1	13	4	10
6	0	0	0	0	0
7	14.3	4.7	10	3	8
8	5.4	3.0	4	2	3
9	8.9	3.8	6	3	5
10	44.6	6.6	32	5	25
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	1.8	1.8	1	1	1
14	1.8	1.8	1	1	1
15	0	0	0	0	0
Totals Cultivated	5.4	3.0	4	2	
Uncultivated	91.1	3.8	66	3	
Uncultivable	3.6	2.5	3	2	

NATURAL AREA: 6f
 Area: 24 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	21.4	11.0	5	3	3
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	28.6	12.1	7	3	4
6	7.1	6.9	2	2	1
7	0	0	0	0	0
8	0	0	0	0	0
9	21.4	11.0	5	3	3
10	14.3	9.4	3	2	2
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	7.1	6.9	2	2	1
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	21.4	11.0	5	3	
Uncultivated	71.4	12.1	17	3	
Uncultivable	7.1	6.9	2	2	

NATURAL AREA: 6g
 Area: 20 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	95.5	4.4	19	1	21
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	4.5	4.4	1	1	1
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	95.5	4.4	19	1	
Uncultivated	4.5	4.4	1	1	
Uncultivable	0	0	0	0	

NATURAL AREA: 6h
 Area: 3 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1					
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
	0	0	0	0	0
B. Uncultivated					
5					
6	50.0	35.4	1	1	1
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	50.0	35.4	1	1	1
	0	0	0	0	0
C. Uncultivable					
12					
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
	0	0	0	0	0
Totals Cultivated					
Uncultivated	0	0	0	0	
Uncultivable	100	0	3	0	
	0	0	0	0	

NATURAL AREA: 6i
 Area: 80 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1					
2	6.2	3.0	5	2	4
3	0	0	0	0	0
4	0	0	0	0	0
	0	0	0	0	0
B. Uncultivated					
5					
6	15.4	4.5	12	4	10
7	0	0	0	0	0
8	0	0	0	0	0
9	46.2	6.2	37	5	30
10	20.0	5.0	16	4	13
11	7.7	3.3	6	3	5
	0	0	0	0	0
C. Uncultivable					
12					
13	0	0	0	0	0
14	0	0	0	0	0
15	3.1	2.1	2	2	2
	1.5	1.5	1	1	1
Totals Cultivated					
Uncultivated	6.2	3.0	5	2	
Uncultivable	89.2	3.8	71	3	
	4.6	2.6	4	2	

NATURAL AREA: 6j
 Area: 184 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	3.7	1.5	7	3	6
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	8.1	2.1	15	4	13
6	0.6	0.6	1	1	1
7	0.6	0.6	1	1	1
8	6.8	2.0	13	4	11
9	10.6	2.4	19	4	17
10	46.6	3.9	86	7	75
11	0	0	0	0	0
C. Uncultivable					
12	0.6	0.6	1	1	1
13	3.7	1.5	7	3	6
14	0.6	0.6	1	1	1
15	18.0	3.0	33	6	29
Totals Cultivated	3.7	1.5	7	3	
Uncultivated	73.3	3.5	135	6	
Uncultivable	23.0	3.3	42	6	

NATURAL AREA: 6k
 Area: 56 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	1.8	1.8	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	12.7	4.5	7	2	7
6	0	0	0	0	0
7	0	0	0	0	0
8	16.4	5.0	9	3	9
9	9.1	3.9	5	2	5
10	60.0	6.6	33	4	33
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	1.8	1.8	1	1	
Uncultivated	98.2	1.8	55	1	
Uncultivable	0	0	0	0	

NATURAL AREA: 61
 Area: 34 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	8.3	5.6	3	2	2
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	12.5	6.8	4	2	3
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	75.0	8.8	26	3	18
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	4.2	4.1	1	1	1
Totals Cultivated	8.3	5.6	3	2	
Uncultivated	87.5	6.8	30	2	
Uncultivable	4.2	4.1	1	1	

NATURAL AREA: 7a
 Area: 168 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	4.2	1.3	7	2	10
2	0.4	0.4	0.5	0.5	1
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	27.5	2.9	46	5	65
6	0.8	0.6	1	1	2
7	5.5	1.5	9	2	13
8	3.4	1.2	6	2	8
9	51.3	3.3	86	5	121
10	3.0	1.1	5	2	7
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	1.7	0.8	3	1	4
14	2.1	0.9	4	2	5
15	0	0	0	0	0
Totals Cultivated	4.7	1.4	8	2	
Uncultivated	91.5	1.8	154	3	
Uncultivable	3.8	1.2	6	2	

NATURAL AREA: 7b
 Area: 251 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	7.6	1.6	19	4	21
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	24.1	2.6	61	6	67
6	0.4	0.4	1	1	1
7	1.4	0.7	4	2	4
8	4.0	1.2	10	3	11
9	42.1	3.0	106	7	117
10	15.8	2.2	40	6	44
11	0	0	0	0	0
C. Uncultivable					
12	0.7	0.5	2	1	2
13	2.5	0.9	6	2	7
14	0.7	0.5	2	1	2
15	0.7	0.5	2	1	2
Totals Cultivated	7.6	1.6	19	4	
Uncultivated	87.8	2.0	221	5	
Uncultivable	4.6	1.3	12	3	

NATURAL AREA: 7c
 Area: 65 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	4.3	2.4	3	2	3
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	15.7	4.3	10	3	11
6	0	0	0	0	0
7	0	0	0	0	0
8	1.4	1.4	1	1	1
9	65.7	5.7	43	4	46
10	10.0	3.6	6	2	7
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	0	0	0	0	0
14	2.9	2.0	2	1	2
15	0	0	0	0	0
Totals Cultivated	4.3	2.4	3	2	
Uncultivated	92.8	3.1	60	2	
Uncultivable	2.9	2.0	2	1	

NATURAL AREA: 7d
 Area: 35 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	4.3	4.3	2	2	1
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	34.8	9.9	12	4	8
11	47.8	10.4	17	4	11
	0	0	0	0	0
C. Uncultivable					
12	4.3	4.3	2	2	1
13	4.3	4.3	2	2	1
14	4.3	4.3	2	2	1
15	0	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	87.0	7.0	31	2	
Uncultivable	13.0	7.0	5	2	

NATURAL AREA: 7e
 Area: 32 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	11.1	5.2	4	2	4
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	33.3	7.9	11	2	12
11	52.8	8.3	17	3	19
	0	0	0	0	0
C. Uncultivable					
12	2.8	2.7	1	1	1
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	97.2	2.7	31	1	
Uncultivable	2.8	2.7	1	1	

NATURAL AREA: 7f
 Area: 124 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	0	0	0	0	0
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	10.8	3.1	13	4	11
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	3.9	1.9	5	2	4
	9	31.4	4.6	39	6	32
	10	44.1	4.9	55	6	45
	11	0	0	0	0	0
C. Uncultivable	12	6.9	2.5	9	3	7
	13	2.0	1.4	2	2	2
	14	0	0	0	0	0
	15	1.0	1.0	1	1	1
Totals Cultivated		0	0	0	0	
Uncultivated		90.2	2.9	112	4	
Uncultivable		9.8	2.9	12	4	

NATURAL AREA: 8a
 Area: 222 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	0	0	0	0	0
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	4.7	1.5	10	3	10
B. Uncultivated	5	0	0	0	0	0
	6	0.5	0.5	1	1	1
	7	0.5	0.5	1	1	1
	8	65.6	3.3	146	7	139
	9	0.5	0.5	1	1	1
	10	24.1	2.9	53	7	51
	11	0	0	0	0	0
C. Uncultivable	12	0.5	0.5	1	1	1
	13	2.4	1.0	5	2	5
	14	1.4	0.8	3	2	3
	15	0	0	0	0	0
Totals Cultivated		4.7	1.5	10	3	
Uncultivated		91.0	2.0	202	4	
Uncultivable		4.3	1.4	9	3	

NATURAL AREA: 8b
 Area: 566 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	0.3	0.2	2	1	2
6	0	0	0	0	0
7	1.2	0.4	7	3	7
8	51.6	2.1	292	12	304
9	2.0	0.6	12	3	12
10	40.7	2.0	231	11	240
11	0	0	0	0	0
C. Uncultivable					
12	1.5	0.5	9	3	9
13	1.9	0.6	11	3	11
14	0.7	0.3	4	2	4
15	0	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	95.9	0.8	543	5	
Uncultivable	4.1	0.8	23	5	

NATURAL AREA: 8c
 Area: 266 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0.4	0.4	1	1	1
B. Uncultivated					
5	2.8	1.0	8	3	8
6	0	0	0	0	0
7	1.1	0.6	3	2	3
8	52.8	3.0	140	8	149
9	5.3	1.3	14	4	15
10	30.5	2.7	81	7	86
11	0	0	0	0	0
C. Uncultivable					
12	4.3	1.2	11	3	12
13	2.8	1.0	8	3	8
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	0.4	0.4	1	1	
Uncultivated	92.5	1.6	246	4	
Uncultivable	7.1	1.5	19	4	

NATURAL AREA: 8d
 Area: 27 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1					
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5					
	6	3.2	3.2	1	1	1
	7	0	0	0	0	0
	8	0	0	0	0	0
	9	22.6	7.5	6	2	7
	10	0	0	0	0	0
	11	58.1	8.9	16	2	18
C. Uncultivable	12					
	13	12.9	6.0	4	2	4
	14	3.2	3.2	1	1	1
	15	0	0	0	0	0
Totals	Cultivated	0	0	0	0	
	Uncultivated	83.9	6.6	23	2	
	Uncultivable	16.1	6.6	4	2	

NATURAL AREA: 9a
 Area: 609 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1					
	2	0.6	0.3	4	2	5
	3	0.1	0.1	1	1	1
	4	0.1	0.1	1	1	1
B. Uncultivated	5					
	6	12.3	1.2	75	7	98
	7	0.3	0.2	2	1	2
	8	1.4	0.4	8	3	11
	9	10.0	1.1	61	6	80
	10	45.2	1.8	275	11	360
	11	25.3	1.5	154	9	202
C. Uncultivable	12					
	13	2.1	0.5	13	3	17
	14	1.8	0.5	11	3	14
	15	0.8	0.3	5	2	6
Totals	Cultivated	0.9	0.3	5	2	
	Uncultivated	94.5	0.8	576	5	
	Uncultivable	4.6	0.7	28	5	

NATURAL AREA: 9b
 Area: 516 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0.8	0.4	4	2	4
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	3.2	0.8	17	4	17
5	0	0	0	0	0
6	0.2	0.2	1	1	1
7	5.5	1.0	28	5	29
8	18.7	1.7	96	9	99
9	62.8	2.1	324	11	332
10	0	0	0	0	0
11					
C. Uncultivable	7.0	1.1	36	6	37
12	1.9	0.6	10	3	10
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	0.8	0.4	4	2	
Uncultivated	90.4	1.3	466	7	
Uncultivable	8.9	1.2	46	6	

NATURAL AREA: 9c
 Area: 417 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0.5	0.3	2	1	2
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	2.1	0.7	9	3	9
5	0	0	0	0	0
6	0	0	0	0	0
7	10.1	1.5	42	6	43
8	16.0	1.8	67	7	68
9	66.5	2.3	277	10	282
10	0	0	0	0	0
11					
C. Uncultivable	2.6	0.8	11	3	11
12	2.1	0.7	9	3	9
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	0.5	0.3	2	1	
Uncultivated	94.8	1.1	396	4	
Uncultivable	4.7	1.0	20	4	

NATURAL AREA: 9d
 Area: 824 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0.8	0.3	6	2	7
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	3.6	0.6	29	5	33
5	0	0	0	0	0
6	0	0	0	0	0
7	17.3	1.2	142	10	160
8	23.7	1.4	196	12	220
9	45.8	1.6	378	13	425
10	0	0	0	0	0
11					
C. Uncultivable	8.4	0.9	69	8	78
12	0.2	0.2	2	1	2
13	0.1	0.1	1	1	1
14	0.1	0.1	1	1	1
15					
Totals Cultivated	0.8	0.3	6	2	
Uncultivated	90.4	1.0	745	8	
Uncultivable	8.8	0.9	73	8	

NATURAL AREA: 10a
 Area: 11 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	33.3	15.7	4	2	3
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	33.3	15.7	4	2	3
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	33.3	15.7	4	2	3
10	0	0	0	0	0
11	0	0	0	0	0
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	33.3	15.7	4	2	
Uncultivated	66.7	15.7	7	2	
Uncultivable	0	0	0	0	

NATURAL AREA: 10b
 Area: 73 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	15.9	3.5	12	3	17
	0	0	0	0	0
	1.9	1.3	1	1	2
	0	0	0	0	0
B. Uncultivated	17.8	3.7	13	3	19
	0	0	0	0	0
	0.9	0.9	0.5	0.5	1
	10.3	2.9	8	2	11
	39.3	4.7	29	3	42
	13.1	3.3	10	2	14
	0	0	0	0	0
C. Uncultivable	0	0	0	0	0
	0.9	0.9	0.5	0.5	1
	0	0	0	0	0
	0	0	0	0	0
Totals Cultivated	17.8	3.7	13	3	
Uncultivated	81.3	3.8	60	3	
Uncultivable	0.9	0.9	1	0.5	

NATURAL AREA: 10c
 Area: 31 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	35.0	10.7	11	3	7
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
B. Uncultivated	20.0	8.9	6	3	4
	0	0	0	0	0
	0	0	0	0	0
	25.0	9.7	8	3	5
	10.0	6.7	3	2	2
	0	0	0	0	0
	0	0	0	0	0
C. Uncultivable	0	0	0	0	0
	10.0	6.7	3	2	2
	0	0	0	0	0
	0	0	0	0	0
Totals Cultivated	35.0	10.7	11	3	
Uncultivated	55.0	11.1	17	3	
Uncultivable	10.0	6.7	3	2	

NATURAL AREA:
 Area: 7 km² 10d

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	100.0	0	7	0	5
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	100.0	0	7	0	
Uncultivable	0	0	0	0	

NATURAL AREA:
 Area: 12 km² 10e

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	16.7	10.8	2	1	2
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	25.0	12.5	3	2	3
6	0	0	0	0	0
7	0	0	0	0	0
8	8.3	8.0	1	1	1
9	33.3	13.6	4	2	4
10	8.3	8.0	1	1	1
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	0	0	0	0	0
14	8.3	8.0	1	1	1
15	0	0	0	0	0
Totals Cultivated	16.7	10.8	2	1	
Uncultivated	75.0	12.5	9	2	
Uncultivable	8.3	8.0	1	1	

NATURAL AREA: 10f
 Area: 79 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1.4	1.4	1	1	1
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	7.0	3.0	6	2	5
5	0	0	0	0	0
6	0	0	0	0	0
7	19.7	4.7	16	4	14
8	40.8	5.8	32	5	29
9	28.2	5.3	22	4	20
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	1.4	1.4	1	1	1
13	1.4	1.4	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	1.4	1.4	1	1	
Uncultivated	95.8	2.4	76	2	
Uncultivable	2.8	2.0	2	2	

NATURAL AREA: 10g
 Area: 182 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
Cultivated	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	3.3	1.1	6	2	8
5	0	0	0	0	0
6	0	0	0	0	0
7	10.2	1.9	19	4	25
8	10.2	1.9	19	4	25
9	75.5	2.7	137	5	185
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0.8	0.6	1	1	2
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	0	0	0	0	
Uncultivated	99.2	0.6	181	1	
Uncultivable	0.8	0.6	1	1	

NATURAL AREA:
 Area: 1 023 km² 11a

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 2.2	0.5	22	5	18
	2 0	0	0	0	0
	3 0.2	0.2	2	2	2
	4 0	0	0	0	0
B. Uncultivated	5 2.9	0.6	30	6	24
	6 0.7	0.3	7	3	6
	7 4.2	0.7	43	7	35
	8 56.2	1.7	576	18	464
	9 25.8	1.5	264	16	213
	10 5.3	0.8	55	8	44
	11 0	0	0	0	0
C. Uncultivable	12 0.8	0.3	9	3	7
	13 0.6	0.3	6	3	5
	14 0.8	0.3	9	3	7
	15 0	0	0	0	0
Totals Cultivated	2.4	0.5	25	5	
Uncultivated	95.3	0.7	975	8	
Uncultivable	2.3	0.5	24	5	

NATURAL AREA:
 Area: 36 km² 11b

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 5.0	4.9	2	2	1
	2 0	0	0	0	0
	3 0	0	0	0	0
	4 0	0	0	0	0
B. Uncultivated	5 10.0	6.7	4	2	2
	6 0	0	0	0	0
	7 0	0	0	0	0
	8 35.0	10.7	13	4	7
	9 50.0	11.2	18	4	10
	10 0	0	0	0	0
	11 0	0	0	0	0
C. Uncultivable	12 0	0	0	0	0
	13 0	0	0	0	0
	14 0	0	0	0	0
	15 0	0	0	0	0
Totals Cultivated	5.0	4.9	2	2	
Uncultivated	95.0	4.9	35	2	
Uncultivable	0	0	0	0	

NATURAL AREA: 11c
 Area: 128 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	0	0	0	0	0
5	0	0	0	0	0
6	72.7	4.2	93	5	80
7	18.2	3.7	23	5	20
8	0	0	0	0	0
9	8.2	2.6	11	3	9
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0.9	0.9	1	1	1
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	0	0	0	0	
Uncultivated	99.1	0.9	127	1	
Uncultivable	0.9	0.9	1	1	

NATURAL AREA: 11d
 Area: 64 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0	0	0	0	0
1	16.4	5.0	11	3	9
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	0	0	0	0	0
5	9.1	3.9	6	2	5
6	54.5	6.7	35	4	30
7	18.2	5.2	12	3	10
8	1.8	1.8	1	1	1
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	16.4	5.0	11	3	
Uncultivated	83.6	5.0	54	3	
Uncultivable	0	0	0	0	

NATURAL AREA: 12a
 Area: 169 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	18.5	2.7	31	5	37
	4.0	1.4	7	2	8
	0	0	0	0	0
	0	0	0	0	0
B. Uncultivated	42.5	3.5	72	6	85
	7.5	1.9	13	3	15
	0.5	0.5	1	1	1
	5.0	1.5	8	3	10
	8.5	2.0	14	3	17
	1.5	0.9	3	1	3
	0	0	0	0	0
C. Uncultivable	0	0	0	0	0
	10.5	2.2	18	4	21
	1.5	0.9	3	1	3
	0	0	0	0	0
Totals Cultivated	22.5	3.0	38	5	
Uncultivated	65.5	3.4	111	6	
Uncultivable	12.0	2.3	20	4	

NATURAL AREA: 12b
 Area: 325 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	4.9	1.1	16	4	18
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
B. Uncultivated	24.0	2.2	78	7	88
	0.5	0.4	2	1	2
	0.5	0.4	2	1	2
	15.3	1.9	50	6	56
	45.5	2.6	148	8	167
	5.2	1.2	17	4	19
	0	0	0	0	0
C. Uncultivable	0.3	0.3	1	1	1
	0.8	0.5	3	2	3
	2.5	0.8	8	3	9
	0.5	0.4	2	1	2
Totals Cultivated	4.9	1.1	16	4	
Uncultivated	91.0	1.5	296	5	
Uncultivable	4.1	1.0	13	3	

NATURAL AREA: 12c
 Area: 201 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	6.7	1.7	13	3	14
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	9.5	2.0	19	4	20
5	1.0	0.7	2	1	2
6	1.4	0.8	3	2	3
7	50.0	3.5	100	7	105
8	27.6	3.1	55	6	58
9	1.4	0.8	3	2	3
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	1.0	0.7	2	1	2
13	1.4	0.8	3	2	3
14	0	0	0	0	0
15					
Totals Cultivated	6.7	1.7	13	3	
Uncultivated	90.9	2.0	182	4	
Uncultivable	2.4	1.1	5	2	

NATURAL AREA: 12d
 Area: 82 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1.5	1.5	1	1	1
1	1.5	1.5	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	3.1	2.1	3	2	2
5	0	0	0	0	0
6	0	0	0	0	0
7	78.5	5.1	64	4	51
8	3.1	2.1	3	2	2
9	6.2	3.0	5	2	4
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	3.1	2.1	3	2	2
13	3.1	2.1	3	2	2
14	0	0	0	0	0
15					
Totals Cultivated	3.0	2.1	3	2	
Uncultivated	90.8	3.6	75	3	
Uncultivable	6.2	3.0	5	2	

NATURAL AREA: 13a
 Area: 247 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	0	0	0	0	0
	2	0	0	0	0	0
	3	0.8	0.5	2	1	2
	4	0	0	0	0	0
B. Uncultivated	5	2.7	1.0	7	2	7
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	59.9	3.0	148	7	157
	9	3.4	1.1	8	3	9
	10	31.7	2.9	78	7	83
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	1.1	0.7	3	2	3
	14	0.4	0.4	1	1	1
	15	0	0	0	0	0
Totals Cultivated		0.8	0.5	2	1	
Uncultivated		97.7	0.9	241	2	
Uncultivable		1.5	0.8	4	2	

NATURAL AREA: 13b
 Area: 83 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
Cultivated	1	0	0	0	0	0
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	0	0	0	0	0
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	37.3	5.3	31	4	31
	9	1.2	1.2	1	1	1
	10	61.4	5.3	51	4	51
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	0	0	0	0	0
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		0	0	0	0	
Uncultivated		100	0	83	0	
Uncultivable		0	0	0	0	

NATURAL AREA:
Area: 304 km² 13c

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 0.6	0.4	2	1	2
	2 0	0	0	0	0
	3 0	0	0	0	0
	4 0	0	0	0	0
B. Uncultivated	5 1.7	0.7	5	2	6
	6 0	0	0	0	0
	7 0	0	0	0	0
	8 43.3	2.6	132	8	154
	9 7.0	1.4	21	4	25
	10 46.9	2.6	143	8	167
	11 0	0	0	0	0
C. Uncultivable	12 0	0	0	0	0
	13 0.3	0.3	1	1	1
	14 0.3	0.3	1	1	1
	15 0	0	0	0	0
Totals Cultivated	0.6	0.4	2	1	
Uncultivated	98.9	0.6	301	2	
Uncultivable	0.6	0.4	2	1	

NATURAL AREA:
Area: 539 km² 13d

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 0.2	0.2	1	1	1
	2 0	0	0	0	0
	3 0	0	0	0	0
	4 0	0	0	0	0
B. Uncultivated	5 1.2	0.5	6	3	6
	6 0.2	0.2	1	1	1
	7 0.4	0.3	2	1	2
	8 54.5	2.2	294	12	278
	9 7.1	1.1	38	6	36
	10 34.5	2.1	186	11	176
	11 0	0	0	0	0
C. Uncultivable	12 1.2	0.5	6	3	6
	13 0.6	0.3	3	2	3
	14 0.2	0.2	1	1	1
	15 0	0	0	0	0
Totals Cultivated	0.2	0.2	1	1	
Uncultivated	97.8	0.6	527	3	
Uncultivable	2.0	0.6	11	3	

NATURAL AREA: 13e
 Area: 112 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	4.3	2.5	5	3	3
5	0	0	0	0	0
6	0	0	0	0	0
7	24.6	5.2	28	6	17
8	1.4	1.4	2	2	1
9	69.6	5.5	78	6	48
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	100	0	112	0	
Uncultivable	0	0	0	0	

NATURAL AREA: 13f
 Area: 103 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	3.8	1.9	4	2	4
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	4.8	2.1	5	2	5
5	0	0	0	0	0
6	0	0	0	0	0
7	76.0	4.2	78	4	79
8	12.5	3.2	13	3	13
9	1.9	1.3	2	1	2
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	1.0	1.0	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	3.8	1.9	4	2	
Uncultivated	95.2	2.1	98	2	
Uncultivable	1.0	1.0	1	1	

NATURAL AREA: 14a
 Area: 244 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1.2	0.7	3	2	3
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	2.0	0.9	5	2	5
5	0	0	0	0	0
6	0	0	0	0	0
7	17.0	2.4	41	6	42
8	5.3	1.4	13	3	13
9	71.3	2.9	174	7	176
10	0	0	0	0	0
11					
C. Uncultivable	2.8	1.1	7	3	7
12	0	0	0	0	0
13	0.4	0.4	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	1.2	0.7	3	2	
Uncultivated	95.6	1.3	233	3	
Uncultivable	3.2	1.1	8	3	

NATURAL AREA: 14b
 Area: 66 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1.7	1.7	1	1	1
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	1.7	1.7	1	1	1
5	0	0	0	0	0
6	0	0	0	0	0
7	18.6	5.1	12	3	11
8	27.1	5.8	18	4	16
9	47.5	6.5	31	4	28
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	3.4	2.4	2	2	2
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	1.7	1.7	1	1	
Uncultivated	94.9	2.9	62	2	
Uncultivable	3.4	2.4	2	2	

NATURAL AREA: 14c
 Area: 36 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	10.7	5.8	4	2	3
1	0	0	0	0	0
2	0	0	0	0	0
3	3.6	3.5	1	1	1
4					
B. Uncultivated	28.6	8.5	10	3	8
5	0	0	0	0	0
6	0	0	0	0	0
7	10.7	5.8	4	2	3
8	25.0	8.2	9	3	7
9	17.9	7.2	6	3	5
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	3.6	3.5	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	14.3	6.6	5	2	
Uncultivated	82.1	7.2	30	3	
Uncultivable	3.6	3.5	1	1	

NATURAL AREA: 14d
 Area: 21 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	57.1	9.4	12	2	16
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	21.4	7.8	4	2	6
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	10.7	5.8	2	1	3
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	10.7	5.8	2	1	3
14	0	0	0	0	0
15					
Totals Cultivated	57.1	9.4	12	2	
Uncultivated	32.1	8.8	7	2	
Uncultivable	10.7	5.8	2	1	

NATURAL AREA: 15a
 Area: 424 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	16.6	1.8	70	8	68
1	1.0	0.5	4	2	4
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	19.1	1.9	81	8	78
5	0.7	0.4	3	2	3
6	1.0	0.5	4	2	4
7	14.4	1.7	61	7	59
8	39.1	2.4	166	10	160
9	5.4	1.1	23	5	22
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	2.4	0.8	10	3	10
13	0.2	0.2	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	17.6	1.9	75	8	
Uncultivated	79.7	2.0	338	8	
Uncultivable	2.7	0.8	11	3	

NATURAL AREA: 15b
 Area: 144 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	4.7	1.7	7	2	7
1	0.7	0.7	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	6.0	2.0	9	3	9
5	0	0	0	0	0
6	0.7	0.7	1	1	1
7	39.6	4.0	57	6	59
8	36.2	3.9	52	6	54
9	8.7	2.3	13	3	13
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0.7	0.7	1	1	1
13	2.7	1.3	4	2	4
14	0	0	0	0	0
15					
Totals Cultivated	5.4	1.8	8	3	
Uncultivated	91.2	2.3	132	3	
Uncultivable	3.4	1.5	5	2	

NATURAL AREA:
 Area: 7 km² 15c

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	28.6	17.1	2	1	2
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	42.9	18.7	3	1	3
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	14.3	13.2	1	1	1
	9	14.3	13.2	1	1	1
	10	0	0	0	0	0
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	0	0	0	0	0
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		28.6	17.1	2	1	
Uncultivated		71.4	17.1	5	1	
Uncultivable		0	0	0	0	

NATURAL AREA:
 Area: 11 km² 15d*

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	10		1		
	2	0		0		
	3	0		0		
	4	0		0		
B. Uncultivated	5	5		1		
	6	0		0		
	7	40		4		
	8	35		4		
	9	0		0		
	10	0		0		
	11	0		0		
C. Uncultivable	12	0		0		
	13	0		0		
	14	10		1		
	15	0		0		
Totals Cultivated		10		1		
Uncultivated		80		9		
Uncultivable		10		1		

*Not sampled. Areas estimated by airphoto interpretation.

NATURAL AREA:

Area: ^{16a}
1 504 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	12.9	1.0	193	15	141
	2	0	0	0	0	0
	3	0.1	0.1	1	1	1
	4	0.1	0.1	1	1	1
B. Uncultivated	5	15.4	1.1	232	16	169
	6	0.8	0.3	12	4	9
	7	3.1	0.5	47	8	34
	8	27.2	1.3	409	20	298
	9	36.8	1.5	554	22	404
	10	2.3	0.5	34	7	25
	11	0	0	0	0	0
C. Uncultivable	12	0.5	0.2	7	3	5
	13	0.3	0.2	4	2	3
	14	0.6	0.2	10	4	7
	15	0	0	0	0	0
Totals Cultivated		13.0	1.0	196	15	
Uncultivated		85.6	1.1	1 288	16	
Uncultivable		1.4	0.4	21	5	

1

NATURAL AREA:

Area: ^{16b}
151 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	13.9	3.2	21	5	16
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	13.9	3.2	21	5	16
	6	0.9	0.9	1	1	1
	7	4.3	1.9	7	3	5
	8	31.3	4.3	47	7	36
	9	33.9	4.4	51	7	39
	10	0	0	0	0	0
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	0.9	0.9	1	1	1
	14	0.9	0.9	1	1	1
	15	0	0	0	0	0
Totals Cultivated		13.9	3.2	21	5	
Uncultivated		84.3	3.4	127	5	
Uncultivable		1.8	1.2	3	2	

NATURAL AREA: 16c
 Area: 706 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	31.4	2.0	221	14	170
1	0	0	0	0	0
2	0.2	0.2	1	1	1
3	0	0	0	0	0
4					
B. Uncultivated	30.6	2.0	216	14	166
5	0.2	0.2	1	1	1
6	4.2	0.9	30	6	23
7	4.6	0.9	33	6	25
8	25.5	1.9	180	13	138
9	0.6	0.3	4	2	3
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0.9	0.4	7	3	5
13	1.8	0.6	13	4	10
14	0	0	0	0	0
15					
Totals Cultivated	31.5	2.0	223	14	
Uncultivated	65.7	2.0	463	14	
Uncultivable	2.8	0.7	20	5	

NATURAL AREA: 16d
 Area: 1 117 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	40.0	1.7	447	19	324
1	0.2	0.2	3	2	2
2	0.1	0.1	1	1	1
3	0.5	0.2	6	3	4
4					
B. Uncultivated	28.8	1.6	321	18	233
5	0.4	0.2	4	2	3
6	3.1	0.6	34	7	25
7	3.8	0.7	43	8	31
8	21.0	1.4	234	16	170
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0.1	0.1	1	1	1
13	2.0	0.5	22	5	16
14	0	0	0	0	0
15					
Totals Cultivated	40.9	1.7	457	19	
Uncultivated	57.0	1.7	637	19	
Uncultivable	2.1	0.5	23	6	

NATURAL AREA:

Area: 165 km² 16e

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	23.5	3.7	39	6	31
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	34.8	4.1	57	7	46
5	3.0	1.5	5	2	4
6	4.5	1.8	7	3	6
7	7.6	2.3	12	4	10
8	25.0	3.8	41	6	33
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0.8	0.8	1	1	1
13	0.8	0.8	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	23.5	3.7	39	6	
Uncultivated	75.0	3.8	123	6	
Uncultivable	1.5	1.1	2	2	

NATURAL AREA:

Area: 132 km² 16f

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	8.3	2.7	11	3	9
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	10.2	2.9	13	4	11
5	7.4	2.5	10	3	8
6	25.9	4.2	34	6	28
7	13.9	3.3	18	4	15
8	31.5	4.5	41	6	34
9	0.9	0.9	1	1	1
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	1.9	1.3	2	2	2
14	0	0	0	0	0
15					
Totals Cultivated	8.3	2.7	11	3	
Uncultivated	89.8	2.9	118	4	
Uncultivable	1.9	1.3	2	2	

NATURAL AREA:
 Area: 359 km² 16g/16h*

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 36.2	2.6	130	9	127
	2 0	0	0	0	0
	3 0	0	0	0	0
	4 0	0	0	0	0
B. Uncultivated	5 16.2	2.0	58	7	57
	6 12.8	1.8	46	6	45
	7 4.8	1.1	17	4	17
	8 6.0	1.3	21	5	21
	9 18.8	2.1	68	7	66
	10 1.4	0.6	5	2	5
	11 0.3	0.3	1	1	1
C. Uncultivable	12 0.9	0.5	3	2	3
	13 2.0	0.7	7	3	7
	14 0.6	0.4	2	1	2
	15 0	0	0	0	0
Totals Cultivated	36.2	2.6	130	9	
Uncultivated	60.4	2.6	217	9	
Uncultivable	3.4	1.0	12	3	

NATURAL AREA:
 Area: 259 km² 17a

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 0.9	0.6	2	2	2
	2 0	0	0	0	0
	3 0	0	0	0	0
	4 0	0	0	0	0
B. Uncultivated	5 1.3	0.8	3	2	3
	6 0	0	0	0	0
	7 0	0	0	0	0
	8 46.9	3.3	122	9	107
	9 13.2	2.2	34	6	30
	10 28.5	3.0	74	8	65
	11 0	0	0	0	0
C. Uncultivable	12 8.3	1.8	22	5	19
	13 0.9	0.6	2	2	2
	14 0	0	0	0	0
	15 0	0	0	0	0
Totals Cultivated	0.9	0.6	2	2	
Uncultivated	89.9	2.0	233	5	
Uncultivable	9.2	1.9	24	5	

*A new area introduced by A. Young during an appraisal of the 1966 air photography.

NATURAL AREA: 17b
 Area: 368 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	20.2	2.3	74	8	61
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	28.5	2.6	105	10	86
	6	0	0	0	0	0
	7	3.0	1.0	11	4	9
	8	8.9	1.6	33	6	27
	9	36.1	2.8	133	10	109
	10	1.3	0.7	5	2	4
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	1.3	0.7	5	2	4
	14	0.7	0.5	2	2	2
	15	0	0	0	0	0
Totals Cultivated		20.2	2.3	74	8	
Uncultivated		77.8	2.4	286	9	
Uncultivable		2.0	0.8	7	3	

NATURAL AREA: 17c
 Area: 81 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
Cultivated	1	20.9	4.4	17	4	18
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	19.8	4.3	16	3	17
	6	0	0	0	0	0
	7	2.3	1.6	2	1	2
	8	3.5	2.0	3	2	3
	9	43.0	5.3	35	4	37
	10	4.7	2.3	4	2	4
	11	0	0	0	0	0
C. Uncultivable	12	2.3	1.6	2	1	2
	13	3.5	2.0	3	2	3
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		20.9	4.4	17	4	
Uncultivated		73.3	4.8	59	4	
Uncultivable		5.8	2.5	5	2	

NATURAL AREA:
Area: 901 km² 17d

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	17.4	1.3	157	12	137
	0	0	0	0	0
	0.3	0.2	2	2	2
	0	0	0	0	0
B. Uncultivated	35.6	1.7	321	15	281
	0	0	0	0	0
	3.7	0.7	33	6	29
	2.8	0.6	25	5	22
	37.1	1.7	335	16	293
	1.3	0.4	11	4	10
	0	0	0	0	0
C. Uncultivable	0	0	0	0	0
	0.5	0.3	5	2	4
	1.4	0.4	13	4	11
	0	0	0	0	0
Totals Cultivated	17.6	1.4	159	12	
Uncultivated	80.5	1.4	725	13	
Uncultivable	1.9	0.5	17	4	

NATURAL AREA:
Area: 429 km² 17e

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	3.7	1.0	16	4	14
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
B. Uncultivated	7.6	1.4	33	6	29
	0	0	0	0	0
	2.6	0.8	11	4	10
	40.1	2.5	172	11	153
	37.7	2.5	162	11	144
	6.5	1.3	28	5	25
	0	0	0	0	0
C. Uncultivable	0.3	0.3	1	1	1
	0.8	0.5	3	2	3
	0.8	0.5	3	2	3
	0	0	0	0	0
Totals Cultivated	3.7	1.0	16	4	
Uncultivated	94.5	1.2	406	5	
Uncultivable	1.8	0.7	8	3	

NATURAL AREA:
 Area: 103 km² 18a

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	14.0	3.5	14	4	14
1	2.0	1.4	2	1	2
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	27.0	4.4	28	5	27
5	3.0	1.7	3	2	3
6	0	0	0	0	0
7	4.0	2.0	4	2	4
8	37.0	4.8	38	5	37
9	4.0	2.0	4	2	4
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	8.0	2.7	8	3	8
13	1.0	1.0	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	16.0	3.7	16	4	
Uncultivated	75.0	4.3	77	4	
Uncultivable	9.0	2.9	9	3	

NATURAL AREA:
 Area: 138 km² 18b

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	10.7	2.8	15	4	13
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	31.1	4.2	43	6	38
5	0.8	0.8	1	1	1
6	0	0	0	0	0
7	7.4	2.4	10	3	9
8	35.2	4.3	49	6	43
9	9.8	2.7	14	4	12
10	0	0	0	0	0
11					
C. Uncultivable	1.6	1.1	2	2	2
12	3.3	1.6	5	2	4
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	10.7	2.8	15	4	
Uncultivated	84.4	3.3	116	5	
Uncultivable	4.9	2.0	7	3	

NATURAL AREA: 18c
 Area: 58 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	12.1	4.0	7	2	8
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	10.6	3.8	6	2	7
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	27.3	5.5	16	3	18
	9	45.5	6.1	26	4	30
	10	3.0	2.1	2	1	2
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	1.5	1.5	1	1	1
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		12.1	4.0	7	2	
Uncultivated		86.4	4.2	50	2	
Uncultivable		1.5	1.5	1	1	

NATURAL AREA: 18d
 Area: 186 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	8.0	2.1	15	4	14
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	13.1	2.6	24	5	23
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	23.4	3.2	44	6	41
	9	37.7	3.7	70	7	66
	10	11.4	2.4	21	4	20
	11	0	0	0	0	0
C. Uncultivable	12	5.1	1.7	10	3	9
	13	1.1	0.8	2	1	2
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		8.0	2.1	15	4	
Uncultivated		85.7	2.6	160	5	
Uncultivable		6.3	1.8	12	3	

NATURAL AREA: 19a
 Area: 103 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	2.2	1.5	2	2	2
4					
B. Uncultivated	3.2	1.8	3	2	3
5	0	0	0	0	0
6	0	0	0	0	0
7	60.2	5.1	62	5	56
8	26.9	4.6	28	5	25
9	2.2	1.5	2	2	2
10	0	0	0	0	0
11					
C. Uncultivable	4.3	2.1	4	2	4
12	0	0	0	0	0
13	1.1	1.1	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	2.2	1.5	2	2	
Uncultivated	92.5	2.7	95	3	
Uncultivable	5.4	2.3	6	2	

NATURAL AREA: 19b
 Area: 380 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0.2	0.2	1	1	1
1	0	0	0	0	0
2	0	0	0	0	0
3	8.8	1.4	33	5	37
4					
B. Uncultivated	0.5	0.3	2	1	2
5	0	0	0	0	0
6	0.5	0.3	2	1	2
7	60.0	2.4	228	9	253
8	3.3	0.9	13	3	14
9	24.6	2.1	94	8	104
10	0	0	0	0	0
11					
C. Uncultivable	0.7	0.4	3	2	3
12	0	0	0	0	0
13	1.4	0.6	5	2	6
14	0	0	0	0	0
15					
Totals Cultivated	9.0	1.4	34	5	
Uncultivated	88.9	1.5	337	6	
Uncultivable	2.1	0.7	8	3	

NATURAL AREA:
Area: 289 km² 19c

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	3.4	1.2	10	3	8
2	0	0	0	0	0
3	0	0	0	0	0
4	7.2	1.7	21	5	17
B. Uncultivated					
5	1.7	0.8	5	2	4
6	0.4	0.4	1	1	1
7	0	0	0	0	0
8	77.4	2.7	224	8	182
9	6.8	1.6	20	5	16
10	0.4	0.4	1	1	1
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	0	0	0	0	0
14	2.6	1.0	7	3	6
15	0	0	0	0	0
Totals Cultivated	10.6	2.0	31	6	
Uncultivated	86.8	2.2	251	6	
Uncultivable	2.6	1.0	7	3	

NATURAL AREA:
Area: 88 km² 19d

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	1.2	1.2	1	1	1
6	0	0	0	0	0
7	2.4	1.7	2	1	2
8	79.8	4.4	70	4	67
9	16.7	4.1	15	4	14
10	0	0	0	0	0
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	100	0	88	0	
Uncultivable	0	0	0	0	

NATURAL AREA: 19e
 Area: 51 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	69.0	4.6	35	2	69
9	0	0	0	0	0
10	26.0	4.4	13	2	26
11	0	0	0	0	0
C. Uncultivable					
12	4.0	2.0	2	1	4
13	0	0	0	0	0
14	1.0	1.0	1	1	1
15	0	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	95.0	2.2	48	1	
Uncultivable	5.0	2.2	3	1	

NATURAL AREA: 20a
 Area: 1 024 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	0.7	0.3	7	3	7
2	0.1	0.1	1	1	1
3	0	0	0	0	0
4	0.3	0.2	3	2	3
B. Uncultivated					
5	2.2	0.5	23	5	22
6	0	0	0	0	0
7	1.1	0.3	11	3	11
8	50.3	1.6	515	16	496
9	11.9	1.0	122	11	117
10	31.2	1.5	320	15	308
11	0	0	0	0	0
C. Uncultivable					
12	1.6	0.4	17	4	16
13	0.3	0.2	3	2	3
14	0.2	0.1	2	1	2
15	0	0	0	0	0
Totals Cultivated	1.1	0.3	11	3	
Uncultivated	96.8	0.6	991	6	
Uncultivable	2.1	0.5	22	5	

NATURAL AREA: 20b
 Area: 539 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1.0	0.4	5	2	5
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	2.1	0.6	12	3	11
5	0	0	0	0	0
6	0	0	0	0	0
7	42.7	2.2	230	12	219
8	10.7	1.4	58	7	55
9	36.5	2.1	197	11	187
10	0	0	0	0	0
11					
C. Uncultivable	6.4	1.1	35	6	33
12	0	0	0	0	0
13	0.6	0.3	3	2	3
14	0	0	0	0	0
15					
Totals Cultivated	1.0	0.4	5	2	
Uncultivated	92.0	1.2	496	6	
Uncultivable	7.0	1.1	38	6	

NATURAL AREA: 20c
 Area: 259 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	5.0	1.5	13	4	11
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	11.8	2.2	30	6	26
5	0	0	0	0	0
6	0	0	0	0	0
7	63.8	3.2	165	8	141
8	19.0	2.6	49	7	42
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	0.5	0.5	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	5.0	1.5	13	4	
Uncultivated	94.6	1.5	245	4	
Uncultivable	0.5	0.5	1	1	

NATURAL AREA: 20d
 Area: 221 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	0.9	0.6	2	1	2
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	4.1	1.4	9	3	9
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	36.4	3.3	81	7	79
	9	5.5	1.6	12	3	12
	10	50.2	3.4	111	8	109
	11	0	0	0	0	0
C. Uncultivable	12	2.8	1.1	6	2	6
	13	0	0	0	0	0
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		0.9	0.6	2	1	
Uncultivated		96.3	1.3	213	3	
Uncultivable		2.8	1.1	6	2	

NATURAL AREA: 21a
 Area: 366 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
Cultivated	1	6.3	1.4	23	5	20
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	11.0	1.8	40	6	35
	6	0.3	0.3	1	1	1
	7	1.3	0.6	5	2	4
	8	66.4	2.6	243	10	211
	9	10.7	1.7	39	6	34
	10	1.3	0.6	5	2	4
	11	0	0	0	0	0
C. Uncultivable	12	1.3	0.6	5	2	4
	13	0.3	0.3	1	1	1
	14	1.3	0.6	5	2	4
	15	0	0	0	0	0
Totals Cultivated		6.3	1.4	23	5	
Uncultivated		90.9	1.6	333	6	
Uncultivable		2.8	0.9	10	3	

NATURAL AREA: 21b
 Area: 209 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	16.4	2.8	34	6	28
	2	0.6	0.6	1	1	1
	3	0.6	0.6	1	1	1
	4	1.8	1.0	4	2	3
B. Uncultivated	5	18.7	3.0	39	6	32
	6	0	0	0	0	0
	7	0.6	0.6	1	1	1
	8	35.1	3.6	73	8	60
	9	21.6	3.1	45	7	37
	10	2.3	1.2	5	2	4
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	0	0	0	0	0
	14	2.3	1.2	5	2	4
	15	0	0	0	0	0
Totals						
Cultivated		19.3	3.0	40	6	
Uncultivated		78.4	3.1	164	7	
Uncultivable		2.3	1.2	5	2	

NATURAL AREA: 21c
 Area: 38 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
Cultivated	1	3.2	3.2	1	1	1
	2	3.2	3.2	1	1	1
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	16.1	6.6	6	3	5
	6	0	0	0	0	0
	7	12.9	6.0	5	2	4
	8	58.1	8.9	22	3	18
	9	3.2	3.2	1	1	1
	10	0	0	0	0	0
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	0	0	0	0	0
	14	3.2	3.2	1	1	1
	15	0	0	0	0	0
Totals						
Cultivated		6.5	4.4	2	2	
Uncultivated		90.3	5.3	35	2	
Uncultivable		3.2	3.2	1	1	

NATURAL AREA: 21d
 Area: 27 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	6.9	4.7	2	1	2
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	10.3	5.7	3	2	3
B. Uncultivated	5	3.4	3.4	1	1	1
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	65.5	8.8	18	2	19
	9	6.9	4.7	2	1	2
	10	0	0	0	0	0
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	0	0	0	0	0
	14	6.9	4.7	2	1	2
	15	0	0	0	0	0
Totals Cultivated		17.2	7.0	5	2	
Uncultivated		75.9	7.9	21	2	
Uncultivable		6.9	4.7	2	1	

NATURAL AREA: 21e
 Area: 40 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	14.3	6.6	6	3	4
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	28.6	8.5	11	3	8
	6	3.6	3.5	1	1	1
	7	7.1	4.9	3	2	2
	8	10.7	5.8	4	2	3
	9	25.0	8.2	10	3	7
	10	3.6	3.5	1	1	1
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	3.6	3.5	1	1	1
	14	3.6	3.5	1	1	1
	15	0	0	0	0	0
Totals Cultivated		14.3	6.6	6	3	
Uncultivated		78.6	7.8	31	3	
Uncultivable		7.1	4.9	3	2	

NATURAL AREA: 21f
 Area: 89 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	10.3	4.0	9	4	6
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	19.0	5.1	17	5	11
5	0	0	0	0	0
6	3.4	2.4	3	2	2
7	50.0	6.6	44	6	29
8	17.2	5.0	15	4	10
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	10.3	4.0	9	4	
Uncultivated	89.7	4.0	80	4	
Uncultivable	0	0	0	0	

NATURAL AREA: 21g
 Area: 108 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	2.6	1.8	3	2	2
1	3.8	2.2	4	2	3
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	0	0	0	0	0
5	3.8	2.2	4	2	3
6	64.1	5.4	69	6	50
7	24.4	4.9	26	5	19
8	1.3	1.3	1	1	1
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	6.4	2.8	7	3	
Uncultivated	93.6	2.8	101	3	
Uncultivable	0	0	0	0	

NATURAL AREA: 22a
 Area: 184 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points	
A. Cultivated	1	2.6	1.3	5	2	4
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	3.8	1.5	7	3	6
	6	0	0	0	0	0
	7	1.9	1.1	4	2	3
	8	35.9	3.8	66	7	56
	9	30.1	3.7	55	7	47
	10	21.2	3.3	39	6	33
	11	0	0	0	0	0
C. Uncultivable	12	3.8	1.5	7	3	6
	13	0.6	0.6	1	1	1
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		2.6	1.3	5	2	
Uncultivated		92.9	2.0	171	4	
Uncultivable		4.5	1.7	8	3	

NATURAL AREA: 22b
 Area: 234 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points	
A. Cultivated	1	6.2	1.6	15	4	15
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	9.1	1.9	21	4	22
	6	0	0	0	0	0
	7	1.7	0.8	4	2	4
	8	14.5	2.3	34	5	35
	9	15.4	2.3	36	5	37
	10	51.9	3.2	122	8	125
	11	0	0	0	0	0
C. Uncultivable	12	0.4	0.4	1	1	1
	13	0.8	0.6	2	1	2
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		6.2	1.6	15	4	
Uncultivated		92.6	1.7	217	4	
Uncultivable		1.2	0.7	3	2	

NATURAL AREA:
 Area: 23a
 1 302 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	17.8	1.2	232	16	170
1	0	0	0	0	0
2	0.1	0.1	1	1	1
3	0.1	0.1	1	1	1
4					
B. Uncultivated	18.4	1.3	240	16	176
5	0.1	0.1	1	1	1
6	2.1	0.5	27	6	20
7	24.6	1.4	320	18	235
8	33.7	1.5	439	20	322
9	1.3	0.4	16	5	12
10	0	0	0	0	0
11					
C. Uncultivable	0.1	0.1	1	1	1
12	0.8	0.3	11	4	8
13	0.8	0.3	11	4	8
14	0	0	0	0	0
15					
Totals Cultivated	18.0	1.2	234	16	
Uncultivated	80.2	1.3	1 044	17	
Uncultivable	1.8	0.4	23	6	

NATURAL AREA:
 Area: 23b
 1 611 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	20.1	1.2	324	19	240
1	0.1	0.1	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	17.2	1.1	277	18	205
5	0.8	0.3	13	4	10
6	3.4	0.5	54	8	40
7	26.2	1.3	422	21	313
8	28.1	1.3	452	21	335
9	1.3	0.3	20	5	15
10	0	0	0	0	0
11					
C. Uncultivable	0.5	0.2	8	3	6
12	0.3	0.1	4	2	3
13	2.2	0.4	35	7	26
14	0	0	0	0	0
15					
Totals Cultivated	20.2	1.2	325	19	
Uncultivated	76.9	1.2	1 239	20	
Uncultivable	2.9	0.5	47	8	

NATURAL AREA: 23c
 Area: 3 799 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	10.2	0.6	389	22	287
1	0.1	0.1	5	3	4
2	0	0	0	0	0
3	0.1	0.1	3	2	2
4					
B. Uncultivated	7.8	0.5	297	19	219
5	0.2	0.1	7	3	5
6	6.6	0.5	252	18	186
7	50.8	0.9	1 931	36	1 425
8	21.8	0.8	828	30	611
9	1.3	0.2	49	8	36
10	0	0	0	0	0
11					
C. Uncultivable	0.1	0.1	5	3	4
12	0.4	0.1	14	4	10
13	0.5	0.1	20	5	15
14	0	0	0	0	0
15					
Totals Cultivated	10.4	0.6	397	22	
Uncultivated	88.5	0.6	3 362	23	
Uncultivable	1.0	0.2	39	7	

NATURAL AREA: 23d
 Area: 2 678 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	5.2	0.5	140	13	108
1	0	0	0	0	0
2	0	0	0	0	0
3	0.3	0.1	8	3	6
4					
B. Uncultivated	7.3	0.6	195	15	151
5	0.3	0.1	8	3	6
6	8.1	0.6	217	16	168
7	54.3	1.1	1 453	29	1 123
8	23.8	0.9	636	25	492
9	0.1	0.1	3	2	2
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0.05	0.05	1	1	1
13	0.6	0.2	17	5	13
14	0	0	0	0	0
15					
Totals Cultivated	5.5	0.5	147	13	
Uncultivated	93.8	0.5	2 512	14	
Uncultivable	0.7	0.2	18	5	

NATURAL AREA: 23e
 Area: 368 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	27.4	2.7	101	10	76
1	0.4	0.4	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	31.8	2.8	117	10	88
5	0	0	0	0	0
6	3.2	1.1	12	4	9
7	4.0	1.2	15	4	11
8	31.0	2.8	114	10	86
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	1.4	0.7	5	3	4
13	0.7	0.5	3	2	2
14	0	0	0	0	0
15					
Totals Cultivated	27.8	2.7	102	10	
Uncultivated	70.0	2.8	257	10	
Uncultivable	2.2	0.9	8	3	

NATURAL AREA: 23f*
 Area: 200 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0.6	0.6	1	1	1
1	3.6	1.5	7	3	6
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	0.6	0.6	1	1	1
5	23.6	3.3	47	7	39
6	20.0	3.1	40	6	33
7	43.0	3.9	86	8	71
8	3.0	1.3	6	3	5
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	5.5	1.8	11	4	9
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	4.2	1.6	8	3	
Uncultivated	90.3	2.3	181	5	
Uncultivable	5.5	1.8	11	4	

*A new area introduced by A. Young during an appraisal of the 1966 air photography.

NATURAL AREA:

Area: 2 179 km² ^{24a}

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1.0	0.2	21	5	15
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	3.2	0.4	70	10	51
5	0	0	0	0	0
6	0.6	0.2	14	4	10
7	38.9	1.2	848	27	614
8	28.0	1.1	611	25	442
9	24.0	1.1	524	23	379
10	0	0	0	0	0
11					
C. Uncultivable	2.9	0.4	64	9	46
12	1.1	0.3	23	6	17
13	0.2	0.1	4	2	3
14	0	0	0	0	0
15					
Totals Cultivated	1.0	0.2	21	5	
Uncultivated	94.9	0.6	2 067	12	
Uncultivable	4.2	0.5	91	11	

NATURAL AREA:

Area: 1 184 km² ^{24b}

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0.7	0.3	9	3	6
1	0.1	0.1	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	4.4	0.7	52	8	36
5	0.1	0.1	1	1	1
6	1.2	0.4	14	5	10
7	42.0	1.7	497	20	347
8	45.9	1.7	543	21	379
9	3.4	0.6	40	7	28
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	1.9	0.5	23	6	16
13	0.2	0.2	3	2	2
14	0	0	0	0	0
15					
Totals Cultivated	0.8	0.3	10	4	
Uncultivated	97.0	0.6	1 148	7	
Uncultivable	2.2	0.5	26	6	

NATURAL AREA: 24c
 Area: 636 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	10.3	1.4	66	9	46
1	0.2	0.2	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	18.0	1.8	114	12	80
5	0.2	0.2	1	1	1
6	1.6	0.6	10	4	7
7	32.4	2.2	206	14	144
8	33.0	2.2	210	14	147
9	2.2	0.7	14	4	10
10	0	0	0	0	0
11					
C. Uncultivable	0.4	0.3	3	2	2
12	1.1	0.5	7	3	5
13	0.4	0.3	3	2	2
14	0	0	0	0	0
15					
Totals Cultivated	10.6	1.5	67	9	
Uncultivated	87.4	1.6	556	10	
Uncultivable	2.0	0.7	13	4	

NATURAL AREA: 24d
 Area: 603 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	3.9	1	24	6	16
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	10.6	1.5	64	9	43
5	0	0	0	0	0
6	1.5	0.6	9	4	6
7	28.3	2.2	170	13	115
8	28.7	2.2	173	14	117
9	19.9	2.0	120	12	81
10	0	0	0	0	0
11					
C. Uncultivable	6.4	1.2	39	7	26
12	0.7	0.4	4	3	3
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	3.9	1.0	24	6	
Uncultivated	88.9	1.6	536	9	
Uncultivable	7.1	1.3	43	8	

NATURAL AREA: 25a
 Area: 199 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	19.7	3.2	39	6	31
	4.5	1.6	9	3	7
	0	0	0	0	0
	0	0	0	0	0
B. Uncultivated	23.6	3.4	47	7	37
	0.6	0.6	1	1	1
	0	0	0	0	0
	26.8	3.5	53	7	42
	19.1	3.1	38	6	30
	1.3	0.9	3	2	2
	0	0	0	0	0
C. Uncultivable	0	0	0	0	0
	0	0	0	0	0
	4.5	1.6	9	3	7
	0	0	0	0	0
Totals Cultivated	24.2	3.4	48	7	
Uncultivated	71.3	3.6	142	7	
Uncultivable	4.5	1.6	9	3	

NATURAL AREA: 25b
 Area: 457 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	9.7	1.6	44	7	32
	1.2	0.6	6	3	4
	0	0	0	0	0
	0	0	0	0	0
B. Uncultivated	14.3	1.9	65	9	47
	5.8	1.3	26	6	19
	1.2	0.6	6	3	4
	29.8	2.5	136	12	98
	32.5	2.6	149	12	107
	2.1	0.8	10	4	7
	0	0	0	0	0
C. Uncultivable	0.3	0.3	1	1	1
	2.7	0.9	12	4	9
	0.3	0.3	1	1	1
	0	0	0	0	0
Totals Cultivated	10.9	1.7	50	8	
Uncultivated	85.7	1.9	391	9	
Uncultivable	3.3	1.0	15	5	

NATURAL AREA: 25c
 Area: 68 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	12.1	5.7	8	4	4
2	30.3	8.0	20	5	10
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	9.1	5.0	6	3	3
6	3.0	3.0	2	2	1
7	0	0	0	0	0
8	27.3	7.8	18	5	9
9	18.3	6.7	12	5	6
10	0	0	0	0	0
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	42.4	8.6	29	6	
Uncultivated	57.6	8.6	39	6	
Uncultivable	0	0	0	0	

NATURAL AREA: 25d
 Area: 281 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	9.6	2.2	27	6	17
2	4.5	1.6	13	4	8
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	13.6	2.6	38	7	24
6	20.9	3.1	59	9	37
7	3.4	1.4	10	4	6
8	21.5	3.1	60	9	38
9	16.4	2.8	46	8	29
10	0.6	0.6	2	2	1
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	8.5	2.1	24	6	15
14	1.1	0.8	3	2	2
15	0	0	0	0	0
Totals Cultivated	14.1	2.6	40	7	
Uncultivated	76.3	3.2	215	9	
Uncultivable	9.6	2.2	27	6	

NATURAL AREA:
 Area: 332 km² 26a

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	19.0	2.3	61	7	54
	2	0.4	0.4	1	1	1
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	12.0	1.9	39	6	34
	6	0	0	0	0	0
	7	5.6	1.4	18	4	16
	8	35.9	2.8	116	9	102
	9	17.3	2.2	56	7	49
	10	3.2	1.0	10	3	9
	11	0	0	0	0	0
C. Uncultivable	12	2.5	0.9	8	3	7
	13	1.1	0.6	3	2	3
	14	3.2	1.0	10	3	9
	15	0	0	0	0	0
Totals Cultivated		19.4	2.3	62	8	
Uncultivated		73.9	2.6	238	8	
Uncultivable		6.7	1.5	22	5	

NATURAL AREA:
 Area: 92 km² 26b

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	0	0	0	0	0
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	0	0	0	0	0
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	9.9	3.5	9	3	7
	9	1.4	1.4	1	1	1
	10	78.9	4.8	73	4	56
	11	0	0	0	0	0
C. Uncultivable	12	9.9	3.5	9	3	7
	13	0	0	0	0	0
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		0	0	0	0	
Uncultivated		90.1	3.5	83	3	
Uncultivable		9.9	3.5	9	3	

NATURAL AREA: 27a
 Area: 1 013 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	47.3	2.1	480	21	268
1	5.5	1.0	55	10	31
2	0.2	0.2	2	2	1
3	0.4	0.2	4	3	2
4					
B. Uncultivated	25.1	1.8	254	18	142
5	0	0	0	0	0
6	10.2	1.3	104	13	58
7	1.8	0.6	18	6	10
8	3.4	0.8	34	8	19
9	0.5	0.3	5	3	3
10	0	0	0	0	0
11					
C. Uncultivable	0.5	0.3	5	3	3
12	1.1	0.4	11	4	6
13	4.1	0.8	41	8	23
14	0	0	0	0	0
15					
Totals Cultivated	53.4	2.1	540	21	
Uncultivated	41.0	2.1	415	21	
Uncultivable	5.7	1.0	57	10	

NATURAL AREA: 27b
 Area: 1 060 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	24.0	1.5	254	15	207
1	0.8	0.3	9	3	7
2	0	0	0	0	0
3	0.2	0.2	2	2	2
4					
B. Uncultivated	24.1	1.5	256	15	208
5	0.8	0.3	9	3	7
6	11.6	1.1	123	12	100
7	17.6	1.3	187	14	152
8	18.2	1.3	193	14	157
9	0.1	0.1	1	1	1
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0.5	0.2	5	2	4
13	2.0	0.5	21	5	17
14	0	0	0	0	0
15					
Totals Cultivated	25.1	1.5	266	16	
Uncultivated	72.5	1.5	768	16	
Uncultivable	2.4	0.5	26	6	

NATURAL AREA: 28a
 Area: 2 074 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	67.5	1.2	1 400	25	1 009
2	1.6	0.3	33	7	24
3	0	0	0	0	0
4	0.8	0.2	17	5	12
B. Uncultivated					
5	9.1	0.7	189	15	136
6	0.05	0.05	1	1	1
7	14.1	0.9	293	19	211
8	0.5	0.2	10	4	7
9	0.3	0.1	7	3	5
10	0	0	0	0	0
11	0	0	0	0	0
C. Uncultivable					
12	0.1	0.1	3	2	2
13	0.7	0.2	14	4	10
14	5.2	0.6	108	12	78
15	0	0	0	0	0
Totals Cultivated	69.9	1.2	1 449	25	
Uncultivated	24.1	1.1	499	23	
Uncultivable	6.0	0.6	125	13	

NATURAL AREA: 28b
 Area: 1 501 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
Cultivated					
1	51.0	1.4	765	22	613
2	0.8	0.3	12	4	10
3	0.8	0.3	12	4	10
4	0	0	0	0	0
B. Uncultivated					
5	25.2	1.3	378	19	303
6	0.2	0.1	2	2	2
7	9.3	0.8	140	13	112
8	1.2	0.3	19	5	15
9	6.2	0.7	92	10	74
10	0	0	0	0	0
11	0	0	0	0	0
C. Uncultivable					
12	0	0	0	0	0
13	0.2	0.1	4	2	3
14	5.1	0.6	76	9	61
15	0	0	0	0	0
Totals Cultivated	52.6	1.4	790	22	
Uncultivated	42.1	1.4	631	21	
Uncultivable	5.3	0.6	80	10	

NATURAL AREA:
 Area: 188 km² 28c

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	38.7	4.6	73	9	43
	2	0.9	0.9	2	2	1
	3	0	0	0	0	0
	4	5.4	2.1	10	4	6
B. Uncultivated	5	27.9	4.3	52	8	31
	6	0	0	0	0	0
	7	1.8	1.3	3	2	2
	8	0.9	0.9	2	2	1
	9	3.6	1.8	7	3	4
	10	0	0	0	0	0
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	6.3	2.3	12	4	7
	14	11.7	3.1	22	6	13
	15	2.7	1.5	5	3	3
Totals Cultivated		45.0	4.7	85	9	
Uncultivated		34.2	4.5	64	8	
Uncultivable		20.7	3.8	39	7	

NATURAL AREA:
 Area: 392 km² 28d

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	75.5	2.6	296	10	203
	2	2.2	0.9	9	4	6
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	5.6	1.4	22	5	15
	6	0	0	0	0	0
	7	4.5	1.3	17	5	12
	8	0	0	0	0	0
	9	0.7	0.5	3	2	2
	10	0	0	0	0	0
	11	0	0	0	0	0
C. Uncultivable	12	4.1	1.2	16	5	11
	13	2.2	0.9	9	4	6
	14	5.2	1.4	20	5	14
	15	0	0	0	0	0
Totals Cultivated		77.7	2.5	305	10	
Uncultivated		10.8	1.9	42	7	
Uncultivable		11.5	1.9	45	8	

NATURAL AREA:

Area: 1 171 km² 28e

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	54.6	1.7	640	20	478
	2	0.9	0.3	11	4	8
	3	0	0	0	0	0
	4	1.3	0.4	15	4	11
B. Uncultivated	5	20.7	1.4	242	16	181
	6	0.2	0.2	3	2	2
	7	11.2	1.1	131	12	98
	8	1.4	0.4	16	5	12
	9	4.5	0.7	52	8	39
	10	0.3	0.2	4	2	3
	11	0.1	0.1	1	1	1
C. Uncultivable	12	0.1	0.1	1	1	1
	13	0.9	0.3	11	4	8
	14	3.8	0.6	44	8	33
	15	0	0	0	0	0
Totals Cultivated		56.8	1.7	665	20	
Uncultivated		38.4	1.6	450	19	
Uncultivable		4.8	0.7	56	8	

NATURAL AREA:

Area: 1 392 km² 28f

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	33.3	1.5	463	21	330
	2	0.4	0.2	6	3	4
	3	0	0	0	0	0
	4	0.1	0.1	1	1	1
B. Uncultivated	5	7.1	0.8	98	11	70
	6	0	0	0	0	0
	7	15.0	1.1	209	16	149
	8	38.4	1.5	535	22	381
	9	1.3	0.4	18	5	13
	10	0.7	0.3	10	4	7
	11	0	0	0	0	0
C. Uncultivable	12	0.4	0.2	6	3	4
	13	1.4	0.4	20	5	14
	14	1.8	0.4	25	6	18
	15	0	0	0	0	0
Totals Cultivated		33.8	1.5	470	21	
Uncultivated		62.6	1.5	871	21	
Uncultivable		3.6	0.6	51	8	

NATURAL AREA: 28g
 Area: 795 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	48.5	2.1	386	16	283
1	0	0	0	0	0
2	0.3	0.2	3	2	2
3	0	0	0	0	0
4					
B. Uncultivated	30.9	1.9	245	15	180
5	0	0	0	0	0
6	1.0	0.4	8	3	6
7	1.2	0.5	10	4	7
8	8.6	1.2	68	9	50
9	0.7	0.3	5	3	4
10	0	0	0	0	0
11					
C. Uncultivable	1.7	0.5	14	4	10
12	2.1	0.6	16	5	12
13	5.0	0.9	40	7	29
14	0	0	0	0	0
15					
Totals Cultivated	48.9	2.1	388	16	
Uncultivated	42.4	2.0	337	16	
Uncultivable	8.7	1.2	70	9	

NATURAL AREA: 29a
 Area: 382 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	24.3	2.3	93	9	83
1	1.5	0.7	6	2	5
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	35.5	2.6	136	10	121
5	0	0	0	0	0
6	2.6	0.9	10	3	9
7	3.5	1.0	13	4	12
8	27.9	2.4	107	9	95
9	1.5	0.7	6	2	5
10	0	0	0	0	0
11					
C. Uncultivable	0.9	0.5	3	2	3
12	0.6	0.4	2	2	2
13	1.8	0.7	7	3	6
14	0	0	0	0	0
15					
Totals Cultivated	25.8	2.4	99	9	
Uncultivated	71.0	2.5	271	9	
Uncultivable	3.2	1.0	12	4	

NATURAL AREA: 29b
 Area: 236 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	16.3	2.6	39	6	33
	2	0	0	0	0	0
	3	1.0	0.7	2	2	2
	4	0	0	0	0	0
B. Uncultivated	5	28.2	3.2	67	7	57
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	13.9	2.4	33	6	28
	9	33.7	3.3	79	8	68
	10	3.0	1.2	7	3	6
	11	0	0	0	0	0
C. Uncultivable	12	0.5	0.5	1	1	1
	13	1.0	0.7	2	2	2
	14	2.5	1.1	6	3	5
	15	0	0	0	0	0
Totals Cultivated		17.3	2.7	41	6	
Uncultivated		78.7	2.9	186	7	
Uncultivable		4.0	1.4	9	3	

NATURAL AREA: 29c
 Area: 101 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	20.7	4.3	21	4	18
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	32.2	5.0	32	5	28
	6	0	0	0	0	0
	7	2.3	1.6	2	2	2
	8	19.5	4.3	20	4	17
	9	25.3	4.7	25	5	22
	10	0	0	0	0	0
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	0	0	0	0	0
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		20.7	4.3	21	4	
Uncultivated		79.3	4.3	80	4	
Uncultivable		0	0	0	0	

NATURAL AREA: 29d
 Area: 1 060 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	22.8	3.0	241	31	46
1	0	0	0	0	0
2	0.5	0.5	5	5	1
3	0	0	0	0	0
4					
B. Uncultivated	23.8	3.0	252	32	48
5	0	0	0	0	0
6	0	0	0	0	0
7	3.5	1.3	37	14	7
8	10.4	2.1	110	23	21
9	11.9	2.3	126	24	24
10	0.5	0.5	5	5	1
11					
C. Uncultivable	20.8	2.9	220	30	42
12	4.0	1.4	42	15	8
13	2.0	1.0	21	10	4
14	0	0	0	0	0
15					
Totals Cultivated	23.3	3.0	247	32	
Uncultivated	50.0	3.5	530	37	
Uncultivable	26.7	3.1	283	33	

NATURAL AREA: 29e
 Area: 67 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	53.1	7.1	35	5	26
8	10.2	4.3	7	3	5
9	36.7	6.9	25	5	18
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	0	0	0	0	
Uncultivated	100	0	67	0	
Uncultivable	0	0	0	0	

NATURAL AREA: 30a
 Area: 433 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	8.2	1.5	36	7	27
	2	0.9	0.5	4	2	3
	3	0	0	0	0	0
	4	3.6	1.0	16	4	12
B. Uncultivated	5	12.8	1.8	55	8	42
	6	6.7	1.4	29	6	22
	7	0.6	0.4	3	2	2
	8	27.7	2.5	120	11	91
	9	36.2	2.6	157	11	119
	10	0.3	0.3	1	1	1
	11	0.3	0.3	1	1	1
C. Uncultivable	12	0.3	0.3	1	1	1
	13	0.6	0.4	3	2	2
	14	1.8	0.7	8	3	6
	15	0	0	0	0	0
Totals						
	Cultivated	12.8	1.8	55	8	
	Uncultivated	84.5	2.0	366	8	
	Uncultivable	2.7	0.9	12	4	

NATURAL AREA: 30b
 Area: 516 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
Cultivated	1	7.1	1.6	37	8	19
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	16.1	2.2	83	12	43
	6	7.9	1.6	41	9	21
	7	7.1	1.6	37	8	19
	8	35.6	2.9	184	15	95
	9	22.5	2.6	116	13	60
	10	0.4	0.4	2	2	1
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	0.7	0	4	3	2
	14	2.6	0.5	14	5	7
	15	0	1.0	0	0	0
Totals						
	Cultivated	7.1	1.6	37	8	
	Uncultivated	89.5	1.9	462	10	
	Uncultivable	3.4	1.1	17	6	

NATURAL AREA: 30c
 Area: 631 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	25.1	2.0	158	13	115
2	4.4	1.0	28	6	20
3	1.3	0.5	8	3	6
4	0	0	0	0	0
B. Uncultivated					
5	28.6	2.1	181	13	131
6	4.8	1.0	30	6	22
7	1.1	0.5	7	3	5
8	10.5	1.4	66	9	48
9	11.6	1.5	73	9	53
10	0.2	0.2	1	1	1
11	7.6	1.2	48	8	35
C. Uncultivable					
12	0	0	0	0	0
13	1.7	0.6	11	4	8
14	3.1	0.8	19	5	14
15	0	0	0	0	0
Totals Cultivated	30.8	2.2	194	14	
Uncultivated	64.4	2.2	406	14	
Uncultivable	4.8	1.0	30	6	

NATURAL AREA: 30d
 Area: 72 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
Cultivated					
1	6.9	2.7	5	2	6
2	0	0	0	0	0
3	0	0	0	0	0
4	2.3	1.6	2	1	2
B. Uncultivated					
5	14.9	3.8	11	3	13
6	0	0	0	0	0
7	0	0	0	0	0
8	37.9	5.2	27	4	33
9	23.0	4.5	17	3	20
10	3.4	2.0	2	1	3
11	11.5	3.4	8	2	10
C. Uncultivable					
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	9.2	3.1	7	2	
Uncultivated	90.8	3.1	65	2	
Uncultivable	0	0	0	0	

NATURAL AREA: 30e
 Area: 67 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	7.7	5.2	5	3	2
5	19.2	7.7	13	5	5
6	0	0	0	0	0
7	26.9	8.7	18	6	7
8	19.2	7.7	13	5	5
9	23.1	8.3	15	6	6
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	3.8	3.8	3	3	1
14	0	0	0	0	0
15					
Totals Cultivated	0	0	0	0	
Uncultivated	96.2	3.8	64	3	
Uncultivable	3.8	3.8	3	3	

NATURAL AREA: 30f
 Area: 91 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	9.4	3.6	8	3	6
1	0	0	0	0	0
2	0	0	0	0	0
3	1.6	1.6	1	1	1
4					
B. Uncultivated	18.8	4.9	17	4	12
5	0	0	0	0	0
6	0	0	0	0	0
7	6.3	3.0	6	3	4
8	60.9	6.1	55	6	39
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	3.1	2.2	3	2	2
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	11.0	3.9	10	4	
Uncultivated	85.9	4.3	78	4	
Uncultivable	3.1	2.2	3	2	

NATURAL AREA: 30g
 Area: 958 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	2.9	0.6	28	6	21
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	9.7	1.1	93	10	71
5	0	0	0	0	0
6	1.0	0.4	9	3	7
7	36.3	1.8	347	17	265
8	37.2	1.8	357	17	272
9	8.9	1.1	85	10	65
10	0	0	0	0	0
11	0	0	0	0	0
C. Uncultivable	1.2	0.4	12	4	9
12	2.5	0.6	24	5	18
13	0.4	0.2	4	2	3
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	2.9	0.6	28	6	
Uncultivated	93.0	0.9	891	9	
Uncultivable	4.1	0.7	39	7	

NATURAL AREA: 30h
 Area: 69 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	44.4	6.3	30	4	28
1	0	0	0	0	0
2	1.6	1.6	1	1	1
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	25.4	5.5	17	4	16
5	0	0	0	0	0
6	0	0	0	0	0
7	7.9	3.4	5	2	5
8	9.5	3.7	7	3	6
9	7.9	3.4	5	2	5
10	1.6	1.6	1	1	1
11	0	0	0	0	0
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	1.6	1.6	1	1	1
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	46.0	6.3	32	4	
Uncultivated	52.4	6.3	36	4	
Uncultivable	1.6	1.6	1	1	

NATURAL AREA: 31a
 Area: 313 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	0	0	0	0	0
5	0	0	0	0	0
6	2.0	1.2	6	4	3
7	19.5	3.2	61	10	29
8	0.7	0.7	2	2	1
9	25.5	3.6	80	11	38
10	0	0	0	0	0
11					
C. Uncultivable	45.0	4.1	141	13	67
12	7.4	2.1	23	7	11
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	0	0	0	0	
Uncultivated	47.7	4.1	149	13	
Uncultivable	52.3	4.1	164	13	

NATURAL AREA: 32a
 Area: 552 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	58.6	2.5	324	14	231
1	0	0	0	0	0
2	0.3	0.3	1	1	1
3	0.5	0.4	3	2	2
4					
B. Uncultivated	21.1	2.1	116	11	83
5	0	0	0	0	0
6	0	0	0	0	0
7	1.5	0.6	8	3	6
8	2.3	0.8	13	4	9
9	0.5	0.4	3	2	2
10	0	0	0	0	0
11					
C. Uncultivable	6.3	1.2	35	7	25
12	2.3	0.8	13	4	9
13	6.6	1.3	36	7	26
14	0	0	0	0	0
15					
Totals Cultivated	59.4	2.5	328	14	
Uncultivated	25.4	2.2	140	12	
Uncultivable	15.2	1.8	84	10	

NATURAL AREA: 32b
 Area: 504 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	69.7	2.4	351	12	251
1	0.8	0.5	4	2	3
2	0	0	0	0	0
3	0.6	0.4	3	2	2
4					
B. Uncultivated	10.8	1.6	55	8	39
5	0	0	0	0	0
6	2.2	0.8	11	4	8
7	3.9	1.0	20	5	14
8	0	0	0	0	0
9	0.8	0.5	4	2	3
10	0	0	0	0	0
11					
C. Uncultivable	6.4	1.3	32	6	23
12	1.4	0.6	7	3	5
13	3.3	0.9	17	5	12
14	0	0	0	0	0
15					
Totals Cultivated	71.1	2.4	358	12	
Uncultivated	17.8	2.0	90	10	
Uncultivable	11.1	1.7	56	8	

NATURAL AREA: 32c
 Area: 425 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	33.9	2.8	144	12	100
1	2.7	0.9	12	4	8
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	26.1	2.6	111	11	77
5	0	0	0	0	0
6	5.1	1.3	22	5	15
7	15.6	2.1	66	9	46
8	0	0	0	0	0
9	1.7	0.8	7	3	5
10	0	0	0	0	0
11					
C. Uncultivable	9.2	1.7	39	7	27
12	1.7	0.8	7	3	5
13	4.1	1.2	17	5	12
14	0	0	0	0	0
15					
Totals Cultivated	36.6	2.8	156	12	
Uncultivated	48.5	2.9	206	12	
Uncultivable	14.9	2.1	63	9	

NATURAL AREA: 32d
 Area: 66 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	9.1	3.9	6	3	5
1	0	0	0	0	0
2	0	0	0	0	0
3	23.6	5.7	16	4	13
4					
B. Uncultivated	1.8	1.8	1	1	1
5	0	0	0	0	0
6	0	0	0	0	0
7	18.2	5.2	12	3	10
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
C. Uncultivable	45.5	6.7	30	4	25
12	0	0	0	0	0
13	1.8	1.8	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	32.7	6.3	22	4	
Uncultivated	20.0	5.4	13	4	
Uncultivable	47.3	6.7	31	4	

NATURAL AREA: 32e
 Area: 491 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	13.4	1.8	66	9	49
1	0.3	0.3	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	15.8	1.9	78	9	58
5	0	0	0	0	0
6	0	0	0	0	0
7	1.4	0.6	7	3	5
8	7.9	1.4	39	7	29
9	12.5	1.7	62	8	46
10	0	0	0	0	0
11					
C. Uncultivable	43.3	2.6	213	13	159
12	5.2	1.2	25	6	19
13	0.3	0.3	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	13.6	1.8	67	9	
Uncultivated	37.6	2.5	185	12	
Uncultivable	48.8	2.6	239	13	

NATURAL AREA: 33a
 Area: 375 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	8.1	1.5	30	6	26
1	0.3	0.3	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	10.3	1.7	39	6	33
5	0	0	0	0	0
6	0	0	0	0	0
7	2.8	0.9	11	3	9
8	3.4	1.0	13	4	11
9	15.0	2.0	56	7	48
10	0	0	0	0	0
11					
C. Uncultivable	55.5	2.8	208	10	178
12	4.4	1.1	16	4	14
13	0	0	0	0	0
14	0.3	0.3	1	1	1
15					
Totals Cultivated	8.4	1.5	32	6	
Uncultivated	31.5	2.6	118	10	
Uncultivable	60.1	2.7	226	10	

NATURAL AREA: 33b
 Area: 520 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	11.0	1.6	57	8	43
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	13.5	1.7	70	9	53
5	0	0	0	0	0
6	0	0	0	0	0
7	12.5	1.7	65	9	49
8	7.1	1.3	37	7	28
9	21.7	2.1	113	11	85
10	0	0	0	0	0
11					
C. Uncultivable	31.1	2.3	162	12	122
12	2.6	0.8	13	4	10
13	0.5	0.4	3	2	2
14	0	0	0	0	0
15					
Totals Cultivated	11.0	1.6	57	8	
Uncultivated	54.8	2.5	285	13	
Uncultivable	34.2	2.4	178	12	

NATURAL AREA: 33c
 Area: 54 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	32.3	8.4	17	5	10
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	12.9	6.0	7	3	4
5	0	0	0	0	0
6	0	0	0	0	0
7	16.1	6.6	9	4	5
8	19.4	7.1	10	4	6
9	6.5	4.4	3	2	2
10	0	0	0	0	0
11					
C. Uncultivable	6.5	4.4	3	2	2
12	3.2	3.2	2	2	1
13	3.2	3.2	2	2	1
14	0	0	0	0	0
15					
Totals Cultivated	32.3	8.4	17	5	
Uncultivated	54.8	8.9	29	5	
Uncultivable	12.9	6.0	7	3	

NATURAL AREA: 34a
 Area: 299 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	34.5	3.1	103	9	80
1	0	0	0	0	0
2	0	0	0	0	0
3	0.4	0.4	1	1	1
4					
B. Uncultivated	33.6	3.1	100	9	78
5	0	0	0	0	0
6	0	0	0	0	0
7	4.3	1.3	13	4	10
8	10.3	2.0	31	6	24
9	0.9	0.6	3	2	2
10	0	0	0	0	0
11					
C. Uncultivable	4.3	1.3	13	4	10
12	5.6	1.5	17	5	13
13	6.0	1.6	18	5	14
14	0	0	0	0	0
15					
Totals Cultivated	34.9	3.1	104	9	
Uncultivated	49.1	3.3	147	10	
Uncultivable	15.9	2.4	48	7	

NATURAL AREA: 34b
 Area: 678 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	13.7	1.4	93	9	84
1	0.3	0.2	2	2	2
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	20.9	1.6	141	11	128
5	0	0	0	0	0
6	0	0	0	0	0
7	6.4	1.0	43	7	39
8	3.8	0.8	25	5	23
9	11.9	1.3	81	9	73
10	0	0	0	0	0
11					
C. Uncultivable	39.3	2.0	267	13	241
12	2.8	0.7	19	4	17
13	1.0	0.4	7	3	6
14	0	0	0	0	0
15					
Totals Cultivated	14.0	1.4	95	10	
Uncultivated	42.9	2.0	291	14	
Uncultivable	43.1	2.0	292	14	

NATURAL AREA: 35a
 Area: 172 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	28.8	3.7	49	6	44
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	45.8	4.0	79	7	70
5	0	0	0	0	0
6	0	0	0	0	0
7	3.9	1.6	7	3	6
8	7.2	2.1	12	4	11
9	3.9	1.6	7	3	6
10	0	0	0	0	0
11					
C. Uncultivable	3.9	1.6	7	3	6
12	3.3	1.4	6	2	5
13	3.3	1.4	6	2	5
14	0	0	0	0	0
15					
Totals Cultivated	28.8	3.7	49	6	
Uncultivated	60.8	3.9	105	7	
Uncultivable	10.5	2.5	18	4	

NATURAL AREA: 35b
 Area: 481 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	53.9	2.5	259	12	215
1	0.8	0.4	4	2	3
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	31.1	2.3	149	11	124
5	0.3	0.3	1	1	1
6	0.8	0.4	4	2	3
7	0.5	0.4	2	2	2
8	2.8	0.8	13	4	11
9	0.8	0.4	4	2	3
10	0	0	0	0	0
11					
C. Uncultivable	0.3	0.3	1	1	1
12	4.3	1.0	20	5	17
13	4.8	1.0	23	5	19
14	0	0	0	0	0
15					
Totals Cultivated	54.6	2.5	263	12	
Uncultivated	36.1	2.4	174	12	
Uncultivable	9.3	1.5	45	7	

NATURAL AREA: 35c
 Area: 171 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	41.8	4.3	72	7	56
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	32.8	4.1	56	7	44
5	0	0	0	0	0
6	0	0	0	0	0
7	8.2	2.4	14	4	11
8	4.5	1.8	8	3	6
9	3.0	1.5	5	3	4
10	0	0	0	0	0
11					
C. Uncultivable	3.0	1.5	5	3	4
12	1.5	1.0	3	2	2
13	5.2	1.9	9	3	7
14	0	0	0	0	0
15					
Totals Cultivated	41.8	4.3	72	7	
Uncultivated	48.5	4.3	83	7	
Uncultivable	9.7	2.6	17	4	

NATURAL AREA: 36a
 Area: 156 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated 1	51.6	5.1	80	8	49
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated 5	24.2	4.4	38	7	23
6	0	0	0	0	0
7	0	0	0	0	0
8	6.3	2.5	10	4	6
9	9.5	3.0	15	5	9
10	2.1	1.5	3	2	2
11	0	0	0	0	0
C. Uncultivable 12	1.1	1.0	2	2	1
13	3.2	1.8	5	3	3
14	2.1	1.5	3	2	2
15	0	0	0	0	0
Totals Cultivated	51.6	5.1	80	8	
Uncultivated	42.1	5.1	66	8	
Uncultivable	6.3	2.5	10	4	

NATURAL AREA: 36b
 Area: 214 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated 1	47.4	3.8	101	8	82
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated 5	30.1	3.5	64	7	52
6	0	0	0	0	0
7	2.9	1.3	6	3	5
8	8.1	2.1	17	4	14
9	8.1	2.1	17	4	14
10	0	0	0	0	0
11	0	0	0	0	0
C. Uncultivable 12	0.6	0.6	1	1	1
13	2.3	1.1	5	2	4
14	0.6	0.6	1	1	1
15	0	0	0	0	0
Totals Cultivated	47.4	3.8	101	8	
Uncultivated	49.1	3.8	105	8	
Uncultivable	3.5	1.4	7	3	

NATURAL AREA: 36c
 Area: 312 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	6.3	1.5	20	5	16
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	16.7	2.3	52	7	42
5	8.3	1.7	26	5	21
6	2.0	0.9	6	3	5
7	41.7	3.1	130	10	105
8	13.5	2.2	42	7	34
9	0	0	0	0	0
10	10.3	1.9	32	6	26
11					
C. Uncultivable	0	0	0	0	0
12	1.2	0.7	4	2	3
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	6.3	1.5	20	5	
Uncultivated	92.5	1.7	289	5	
Uncultivable	1.2	0.7	4	2	

NATURAL AREA: 36d
 Area: 64 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	5.9	5.7	4	4	1
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	5.9	5.7	4	4	1
5	0	0	0	0	0
6	0	0	0	0	0
7	11.8	7.8	8	5	2
8	5.9	5.7	4	4	1
9	0	0	0	0	0
10	70.6	11.1	45	7	12
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	5.9	5.7	4	4	
Uncultivated	94.1	5.7	61	4	
Uncultivable	0	0	0	0	

NATURAL AREA: 36e
 Area: 84 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	44.4	6.3	37	5	28
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	9.5	3.7	8	3	6
5	3.2	2.2	3	2	2
6	0	0	0	0	0
7	3.2	2.2	3	2	2
8	4.8	2.7	4	2	3
9	0	0	0	0	0
10	34.9	6.0	29	5	22
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	44.4	6.3	37	5	
Uncultivated	55.6	6.3	47	5	
Uncultivable	0	0	0	0	

NATURAL AREA: 37a
 Area: 596 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	10.3	1.4	61	8	51
1	0.2	0.2	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	10.5	1.4	62	8	52
5	0	0	0	0	0
6	0	0	0	0	0
7	44.5	2.2	265	13	221
8	11.7	1.4	69	9	58
9	6.2	1.1	37	6	31
10	10.5	1.4	62	8	52
11					
C. Uncultivable	4.4	0.9	26	5	22
12	1.0	0.4	6	3	5
13	0.8	0.4	5	2	4
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	10.5	1.4	62	8	
Uncultivated	83.3	1.7	496	10	
Uncultivable	6.2	1.1	37	6	

NATURAL AREA:
Area: 85 km² 37b

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	53.8	5.6	46	5	42
1	1.3	1.3	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	37.2	5.5	32	5	29
5	0	0	0	0	0
6	1.3	1.3	1	1	1
7	1.3	1.3	1	1	1
8	1.3	1.3	1	1	1
9	1.3	1.3	1	1	1
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	1.3	1.3	1	1	1
13	1.3	1.3	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	55.1	5.6	47	5	
Uncultivated	42.3	5.6	36	5	
Uncultivable	2.6	1.8	2	2	

NATURAL AREA:
Area: 724 km² 37c

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	4.2	0.9	30	6	22
1	0.6	0.3	4	2	3
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	10.8	1.4	78	10	57
5	0	0	0	0	0
6	0	0	0	0	0
7	9.5	1.3	69	9	50
8	7.6	1.2	55	8	40
9	24.8	1.9	180	14	131
10	0.4	0.3	3	2	2
11					
C. Uncultivable	41.1	2.1	298	16	217
12	1.1	0.5	8	3	6
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	4.8	0.9	34	7	
Uncultivated	53.0	2.2	384	16	
Uncultivable	42.2	2.1	306	16	

NATURAL AREA: 37d
 Area: 115 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1.0	1.0	1	1	1
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	4.0	2.0	5	2	4
5	0	0	0	0	0
6	0	0	0	0	0
7	40.0	4.9	46	6	40
8	1.0	1.0	1	1	1
9	22.0	4.1	25	5	22
10	5.0	2.2	6	3	5
11					
C. Uncultivable	25.0	4.3	29	5	25
12	2.0	1.4	2	2	2
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	1.0	1.0	1	1	
Uncultivated	72.0	4.5	83	5	
Uncultivable	27.0	4.4	31	5	

NATURAL AREA: 37e
 Area: 160 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1.0	1.0	2	2	1
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	8.7	2.8	14	4	9
5	0	0	0	0	0
6	0	0	0	0	0
7	29.8	4.5	48	7	31
8	8.7	2.8	14	4	9
9	22.1	4.1	35	7	23
10	0	0	0	0	0
11					
C. Uncultivable	27.9	4.4	45	7	29
12	1.9	1.3	3	2	2
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	1.0	1.0	2	2	
Uncultivated	69.2	4.5	111	7	
Uncultivable	29.8	4.5	48	7	

NATURAL AREA: 37f
 Area: 190 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	4.2	1.7	8	3	6
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	22.9	3.5	44	7	33
5	0	0	0	0	0
6	0	0	0	0	0
7	43.1	4.1	82	8	62
8	14.6	2.9	28	6	21
9	4.9	1.8	9	3	7
10	4.2	1.7	8	3	6
11					
C. Uncultivable	3.5	1.5	7	3	5
12	2.8	1.4	5	3	4
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	4.2	1.7	8	3	
Uncultivated	89.6	2.5	170	5	
Uncultivable	6.3	2.0	12	4	

NATURAL AREA: 37g
 Area: 350 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	10.2	1.9	36	7	26
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	13.8	2.2	48	8	35
5	0	0	0	0	0
6	0	0	0	0	0
7	33.1	3.0	116	10	84
8	20.1	2.5	70	9	51
9	16.9	2.4	59	8	43
10	0.8	0.6	3	2	2
11					
C. Uncultivable	4.3	1.3	15	4	11
12	0.4	0.4	1	1	1
13	0.4	0.4	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	10.2	1.9	36	7	
Uncultivated	84.7	2.3	296	8	
Uncultivable	5.1	1.4	18	5	

NATURAL AREA: 37h
 Area: 50 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	45.7	8.4	23	4	16
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	22.9	7.1	11	4	8
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	5.7	3.9	3	2	2
	9	11.4	5.4	6	3	4
	10	11.4	5.4	6	3	4
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	0	0	0	0	0
	14	2.9	2.8	1	1	1
	15	0	0	0	0	0
Totals Cultivated		45.7	8.4	23	4	
Uncultivated		51.4	8.4	26	4	
Uncultivable		2.9	2.8	1	1	

NATURAL AREA: 38a*
 Area: 82 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	8.5	3.3	7	3	6
	2	1.4	1.4	1	1	1
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	12.7	3.9	10	3	9
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	1.4	1.4	1	1	1
	9	8.5	3.3	7	3	6
	10	14.1	4.1	12	3	10
	11	0	0	0	0	0
C. Uncultivable	12	52.1	5.9	43	5	37
	13	0	0	0	0	0
	14	1.4	1.4	1	1	1
	15	0	0	0	0	0
Totals Cultivated		9.9	3.5	8	3	
Uncultivated		36.6	5.7	30	5	
Uncultivable		53.5	5.9	44	5	

*The area under cultivation (1965) shown in Mapsheet 3, A R Stobbs (1971) should read 8 km² not 12.72 km².

NATURAL AREA: 38b
 Area: 233 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	17.6	3.1	41	7	26
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	39.2	4.0	91	9	58
5	0.7	0.7	2	2	1
6	0	0	0	0	0
7	14.9	2.9	35	7	22
8	20.9	3.3	49	8	31
9	2.0	1.2	5	3	3
10	0	0	0	0	0
11					
C. Uncultivable	2.0	1.2	5	3	3
12	0.7	0.7	2	2	1
13	2.0	1.2	5	3	3
14	0	0	0	0	0
15					
Totals Cultivated	17.6	3.1	41	7	
Uncultivated	77.7	3.4	181	8	
Uncultivable	4.7	1.7	11	4	

NATURAL AREA: 38c
 Area: 552 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	31.4	2.3	173	13	127
1	3.0	0.8	16	5	12
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	33.8	2.4	187	13	137
5	7.4	1.3	41	7	30
6	2.5	0.8	14	4	10
7	6.2	1.2	34	7	25
8	8.6	1.4	48	8	35
9	0.5	0.3	3	2	2
10	0	0	0	0	0
11					
C. Uncultivable	0.2	0.2	1	1	1
12	3.0	0.8	16	5	12
13	3.5	0.9	19	5	14
14	0	0	0	0	0
15					
Totals Cultivated	34.3	2.4	189	13	
Uncultivated	59.0	2.4	326	13	
Uncultivable	6.7	1.2	37	7	

NATURAL AREA: 38d
 Area: 193 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	5.6	1.9	11	4	8
2	0.7	0.7	1	1	1
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	11.3	2.7	22	5	16
6	0	0	0	0	0
7	0	0	0	0	0
8	24.6	3.6	48	7	35
9	14.1	2.9	27	6	20
10	21.8	3.5	42	7	31
11	0	0	0	0	0
C. Uncultivable					
12	17.6	3.2	34	6	25
13	4.2	1.2	8	3	6
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	6.3	2.0	12	4	
Uncultivated	71.8	3.8	139	7	
Uncultivable	21.8	3.5	42	7	

NATURAL AREA: 38e
 Area: 69 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
Cultivated					
1	25.0	5.6	17	4	15
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	30.0	5.9	21	4	18
6	0	0	0	0	0
7	0	0	0	0	0
8	11.7	4.1	8	3	7
9	11.7	4.1	8	3	7
10	18.3	5.0	13	3	11
11	0	0	0	0	0
C. Uncultivable					
12	1.7	1.7	1	1	1
13	1.7	1.7	1	1	1
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	25.0	5.6	17	4	
Uncultivated	71.7	5.8	50	4	
Uncultivable	3.3	2.3	2	2	

NATURAL AREA: 39a
 Area: 320 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	57.1	2.9	183	9	172
	2	3.0	1.0	10	3	9
	3	0	0	0	0	0
	4	0.7	0.5	2	1	2
B. Uncultivated	5	24.9	2.5	80	8	75
	6	0	0	0	0	0
	7	5.6	1.3	18	4	17
	8	2.0	0.8	6	3	6
	9	1.0	0.6	3	2	3
	10	0	0	0	0	0
	11	1.0	0.6	3	2	3
C. Uncultivable	12	1.0	0.6	3	2	3
	13	0.7	0.5	2	1	2
	14	3.0	1.0	10	3	9
	15	0	0	0	0	0
Totals Cultivated		60.8	2.8	195	9	
Uncultivated		34.5	2.7	111	9	
Uncultivable		4.7	1.2	15	4	

NATURAL AREA: 39b
 Area: 301 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
Cultivated	1	53.5	3.2	161	10	131
	2	1.2	0.7	4	2	3
	3	0	0	0	0	0
	4	9.4	1.9	28	6	23
B. Uncultivated	5	22.0	2.6	66	8	54
	6	0	0	0	0	0
	7	2.9	1.1	9	3	7
	8	1.2	0.7	4	2	3
	9	5.7	1.5	17	4	14
	10	0.4	0.4	1	1	1
	11	0	0	0	0	0
C. Uncultivable	12	0.4	0.4	1	1	1
	13	0.4	0.4	1	1	1
	14	2.9	1.1	9	3	7
	15	0	0	0	0	0
Totals Cultivated		64.1	3.1	193	9	
Uncultivated		32.2	3.0	97	9	
Uncultivable		3.7	1.2	11	4	

NATURAL AREA: 39c
 Area: 689 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	37.5	2.0	258	14	223
1	1.2	0.4	8	3	7
2	0	0	0	0	0
3	2.4	0.6	16	4	14
4					
B. Uncultivated	18.0	1.6	124	11	107
5	0	0	0	0	0
6	2.7	0.7	19	5	16
7	2.9	0.7	20	5	17
8	4.9	0.9	34	6	29
9	3.2	0.7	22	5	19
10	0	0	0	0	0
11					
C. Uncultivable	25.0	1.8	173	12	149
12	1.2	0.4	8	3	7
13	0.7	0.3	5	2	4
14	0.5	0.3	4	2	3
15					
Totals Cultivated	41.0	2.0	283	14	
Uncultivated	31.0	1.9	218	13	
Uncultivable	27.4	1.8	189	13	

NATURAL AREA: 39d
 Area: 104 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	26.8	4.5	28	5	26
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	36.1	4.9	38	5	35
5	0	0	0	0	0
6	0	0	0	0	0
7	12.4	3.3	13	3	12
8	3.1	1.8	3	2	3
9	7.2	2.6	8	3	7
10	0	0	0	0	0
11					
C. Uncultivable	12.4	3.3	13	3	12
12	2.1	1.4	2	2	2
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	26.8	4.5	28	5	
Uncultivated	58.8	5.0	61	5	
Uncultivable	14.4	3.6	15	4	

NATURAL AREA: 40a
 Area: 729 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	2.0	0.6	14	4	12
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	4.3	0.8	31	6	26
5	0	0	0	0	0
6	0	0	0	0	0
7	10.0	1.2	73	9	61
8	3.8	0.8	28	6	23
9	20.5	1.6	149	12	124
10	0	0	0	0	0
11					
C. Uncultivable	58.1	2.0	423	15	352
12	1.3	0.5	10	3	8
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	2.0	0.6	14	4	
Uncultivated	38.6	2.0	181	14	
Uncultivable	59.4	2.0	433	15	

NATURAL AREA: 40b
 Area: 408 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	2.3	0.7	9	3	9
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	5.8	1.2	24	5	23
5	0	0	0	0	0
6	0	0	0	0	0
7	13.3	1.7	54	7	53
8	3.8	1.0	15	4	15
9	10.0	1.5	41	6	40
10	0	0	0	0	0
11					
C. Uncultivable	64.7	2.4	264	10	258
12	0.3	0.3	1	1	1
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	2.3	0.7	9	3	
Uncultivated	32.8	2.4	134	10	
Uncultivable	64.9	2.4	265	10	

NATURAL AREA: 40c
 Area: 67 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	13.0	3.8	9	3	10
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	2.6	1.8	2	1	2
5	0	0	0	0	0
6	0	0	0	0	0
7	9.1	3.3	6	2	7
8	7.8	3.1	5	2	6
9	10.4	3.5	7	2	8
10	0	0	0	0	0
11					
C. Uncultivable	57.1	5.6	38	4	44
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	13.0	3.8	9	3	
Uncultivated	29.0	5.2	20	3	
Uncultivable	57.1	5.6	38	4	

NATURAL AREA: 40d
 Area: 220 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	32.3	3.7	71	8	52
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	30.4	3.6	67	8	49
5	0	0	0	0	0
6	0.6	0.6	1	1	1
7	3.1	1.4	7	3	5
8	8.1	2.1	18	5	13
9	16.8	2.9	37	6	27
10	0	0	0	0	0
11					
C. Uncultivable	7.5	2.1	16	5	12
12	0	0	0	0	0
13	1.2	0.9	3	2	2
14	0	0	0	0	0
15					
Totals Cultivated	32.3	3.7	71	8	
Uncultivated	59.0	3.9	130	9	
Uncultivable	8.7	2.2	19	5	

NATURAL AREA: 40e
 Area: 78 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	20.0	5.4	16	4	11
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	40.0	6.6	31	5	22
5	0	0	0	0	0
6	0	0	0	0	0
7	14.5	4.8	11	4	8
8	16.4	5.0	13	4	9
9	1.8	1.8	1	1	1
10	0	0	0	0	0
11					
C. Uncultivable	5.5	3.1	4	2	3
12	0	0	0	0	0
13	1.8	1.8	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	20.0	5.4	16	4	
Uncultivated	72.7	6.0	57	5	
Uncultivable	7.3	3.5	6	3	

NATURAL AREA: 41a
 Area: 337 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	37.3	3.1	126	10	90
1	0	0	0	0	0
2	0	0	0	0	0
3	0.4	0.4	1	1	1
4					
B. Uncultivated	22.4	2.7	75	9	54
5	0	0	0	0	0
6	0	0	0	0	0
7	5.8	1.5	20	5	14
8	15.4	2.3	52	8	37
9	5.4	1.5	18	5	13
10	5.0	1.4	17	5	12
11					
C. Uncultivable	1.2	0.7	4	2	3
12	2.1	0.9	7	3	5
13	5.0	1.4	17	5	12
14	0	0	0	0	0
15					
Totals Cultivated	37.8	3.1	127	11	
Uncultivated	53.9	3.2	182	11	
Uncultivable	8.3	1.8	28	6	

NATURAL AREA: 41b
 Area: 42 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	53.1	8.8	22	4	17
1	0	0	0	0	0
2	0	0	0	0	0
3	6.3	4.3	3	2	2
4					
B. Uncultivated	12.5	5.8	5	2	4
5	0	0	0	0	0
6	0	0	0	0	0
7	6.3	4.3	3	2	2
8	12.5	5.8	5	2	4
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	3.1	3.1	1	1	1
12	3.1	3.1	1	1	1
13	3.1	3.1	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	59.4	8.7	25	4	
Uncultivated	31.3	8.2	13	3	
Uncultivable	9.3	5.2	4	2	

NATURAL AREA: 41c
 Area: 90 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	56.0	3.7	50	3	103
1	0	0	0	0	0
2	0.5	0.5	0.5	0.5	1
3	0	0	0	0	0
4					
B. Uncultivated	32.6	3.5	29	3	60
5	0	0	0	0	0
6	0.5	0.5	0.5	0.5	1
7	0	0	0	0	0
8	4.9	1.6	4	1	9
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	2.2	1.1	2	1	4
13	3.3	1.3	3	1	6
14	0	0	0	0	0
15					
Totals Cultivated	56.5	3.7	51	3	
Uncultivated	38.0	3.6	34	3	
Uncultivable	5.5	1.7	5	2	

NATURAL AREA: 41d
 Area: 331 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	36.6	3.9	121	13	56
1	0	0	0	0	0
2	0	0	0	0	0
3	3.3	1.4	11	5	5
4					
B. Uncultivated	26.1	3.6	86	12	40
5	0	0	0	0	0
6	1.3	0.9	4	3	2
7	5.9	1.9	19	6	9
8	14.4	2.8	48	9	22
9	2.0	1.1	6	4	3
10	3.9	1.6	13	5	6
11					
C. Uncultivable	3.9	1.6	13	5	6
12	1.3	0.9	4	3	2
13	0.7	0.7	2	2	1
14	0.7	0.7	2	2	1
15					
Totals Cultivated	39.9	4.0	132	13	
Uncultivated	53.6	4.0	177	13	
Uncultivable	6.5	2.0	22	7	

NATURAL AREA: 41e
 Area: 539 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	15.3	1.7	83	9	65
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	9.9	1.5	53	8	42
5	0	0	0	0	0
6	0	0	0	0	0
7	12.0	1.6	65	9	51
8	7.8	1.3	42	7	33
9	10.8	1.5	58	8	46
10	9.4	1.4	51	8	40
11					
C. Uncultivable	29.5	2.2	159	12	125
12	4.5	1.0	24	5	19
13	0.7	0.4	4	2	3
14	0	0	0	0	0
15					
Totals Cultivated	15.3	1.7	83	9	
Uncultivated	50.0	2.4	269	13	
Uncultivable	34.7	2.3	187	12	

NATURAL AREA: 41f
 Area: 275 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	7.9	1.8	22	5	17
1	0.9	0.7	3	2	2
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	14.4	2.4	40	7	31
5	0	0	0	0	0
6	0	0	0	0	0
7	9.8	2.0	27	6	21
8	8.4	1.9	23	5	18
9	5.1	1.5	14	4	11
10	51.1	3.4	141	9	110
11					
C. Uncultivable	0.5	0.5	1	1	1
12	1.4	0.8	4	2	3
13	0.5	0.5	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	8.8	1.9	24	5	
Uncultivated	88.8	2.1	244	6	
Uncultivable	2.4	1.0	6	3	

NATURAL AREA: 42a
 Area: 543 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	40.9	2.3	222	12	188
1	0.2	0.2	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	32.8	2.2	178	12	151
5	1.3	0.5	7	3	6
6	0.2	0.2	1	1	1
7	4.6	1.0	25	5	21
8	7.2	1.2	39	7	33
9	6.5	1.2	35	6	30
10	0.4	0.3	2	2	2
11					
C. Uncultivable	1.7	0.6	9	3	8
12	1.7	0.6	9	3	8
13	2.2	0.7	12	4	10
14	0.2	0.2	1	1	1
15					
Totals Cultivated	41.1	2.3	223	12	
Uncultivated	53.0	2.3	288	13	
Uncultivable	5.9	1.1	32	6	

NATURAL AREA: 42b
 Area: 696 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	20.9	1.8	145	13	103
1	0.2	0.2	1	1	1
2	1.8	0.6	13	4	9
3	0	0	0	0	0
4					
B. Uncultivated	26.9	2.0	187	14	133
5	16.0	1.6	111	11	79
6	2.8	0.7	20	5	14
7	13.0	1.5	90	11	64
8	5.7	1.0	39	7	28
9	0.4	0.3	3	2	2
10	7.1	1.2	49	8	35
11					
C. Uncultivable	0	0	0	0	0
12	2.2	0.7	15	5	11
13	3.0	0.8	21	5	15
14	0	0	0	0	0
15					
Totals Cultivated	22.9	1.9	159	13	
Uncultivated	71.9	2.0	500	14	
Uncultivable	5.2	1.0	37	7	

NATURAL AREA: 42c
 Area: 1 152 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	4.6	0.7	53	8	43
1	0.2	0.1	2	2	2
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	8.7	0.9	100	11	82
5	1.1	0.3	12	4	10
6	1.8	0.4	21	5	17
7	11.1	1.0	128	12	105
8	4.3	0.7	50	8	41
9	1.0	0.3	11	4	9
10	65.7	1.5	757	18	620
11					
C. Uncultivable	0.2	0.1	2	2	2
12	1.1	0.3	12	4	10
13	0.2	0.1	2	2	2
14	0	0	0	0	0
15					
Totals Cultivated	4.8	0.7	55	8	
Uncultivated	93.7	0.8	1 080	9	
Uncultivable	1.5	0.4	17	5	

NATURAL AREA: 42d
 Area: 328 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	18.7	2.4	61	8	48
1	0	0	0	0	0
2	0.4	0.4	1	1	1
3	0	0	0	0	0
4					
B. Uncultivated	24.9	2.7	82	9	64
5	0	0	0	0	0
6	0	0	0	0	0
7	14.4	2.2	47	7	37
8	15.2	2.2	50	7	39
9	9.7	1.8	32	6	25
10	3.5	1.1	11	4	9
11					
C. Uncultivable	11.7	2.0	38	7	30
12	1.6	0.8	5	3	4
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	19.1	2.5	63	8	
Uncultivated	67.7	2.9	222	10	
Uncultivable	13.2	2.1	43	7	

NATURAL AREA: 43a
 Area: 174 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0.5	0.5	1	1	1
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	3.7	1.4	6	2	7
5	0	0	0	0	0
6	0	0	0	0	0
7	2.1	1.0	4	2	4
8	1.1	0.7	2	1	2
9	9.0	2.1	16	4	17
10	0	0	0	0	0
11					
C. Uncultivable	83.6	2.7	146	5	158
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	0.5	0.5	1	1	
Uncultivated	15.9	2.7	28	5	
Uncultivable	83.6	2.7	146	5	

NATURAL AREA: 43b
 Area: 64 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	3.4	2.4	2	2	2
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	31.0	6.1	20	4	18
B. Uncultivated	5	5.2	2.9	3	2	3
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	8.6	3.7	5	2	5
	9	0	0	0	0	0
	10	10.3	4.0	7	3	6
	11	0	0	0	0	0
C. Uncultivable	12	41.4	6.5	26	4	24
	13	0	0	0	0	0
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		34.5	6.2	22	4	
Uncultivated		24.1	5.6	15	4	
Uncultivable		41.4	6.5	26	4	

NATURAL AREA: 43c
 Area: 181 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	4.1	1.5	7	3	7
	2	0.6	0.6	1	1	1
	3	0	0	0	0	0
	4	2.4	1.2	4	2	4
B. Uncultivated	5	7.1	2.0	13	4	12
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	1.8	1.0	3	2	3
	9	0	0	0	0	0
	10	5.9	1.8	11	3	10
	11	0	0	0	0	0
C. Uncultivable	12	75.3	3.3	136	6	128
	13	2.4	1.2	4	2	4
	14	0.6	0.6	1	1	1
	15	0	0	0	0	0
Totals Cultivated		7.1	2.0	13	4	
Uncultivated		14.7	2.7	27	5	
Uncultivable		78.2	3.2	142	6	

NATURAL AREA: 43d
 Area: 122 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	6.9	2.5	8	3	7
1	1.0	1.0	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	8.8	2.8	11	3	9
5	0	0	0	0	0
6	0	0	0	0	0
7	2.9	1.7	4	2	3
8	3.9	1.9	5	2	4
9	13.7	3.4	17	4	14
10	0	0	0	0	0
11					
C. Uncultivable	61.8	4.8	75	6	63
12	0	0	0	0	0
13	1.0	1.0	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	7.8	2.7	10	3	
Uncultivated	29.4	4.5	36	6	
Uncultivable	62.8	4.8	77	6	

NATURAL AREA: 43e
 Area: 967 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	52.7	1.7	509	16	461
1	0.6	0.3	6	2	5
2	0.1	0.1	1	1	1
3	9.1	1.0	88	9	80
4					
B. Uncultivated	19.4	1.3	188	13	170
5	0.7	0.3	7	3	6
6	0.1	0.1	1	1	1
7	1.3	0.4	12	4	11
8	1.9	0.5	19	5	17
9	1.5	0.4	14	4	13
10	0	0	0	0	0
11					
C. Uncultivable	4.8	0.7	46	7	42
12	1.8	0.5	18	4	16
13	5.9	0.8	57	8	52
14	0	0	0	0	0
15					
Totals Cultivated	62.5	1.6	604	16	
Uncultivated	24.9	1.5	241	14	
Uncultivable	12.6	1.1	122	11	

NATURAL AREA: 43f
 Area: 187 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	43.8	4.4	82	8	56
1	0	0	0	0	0
2	0	0	0	0	0
3	5.5	2.0	10	4	7
4					
B. Uncultivated	28.1	4.0	53	7	36
5	0	0	0	0	0
6	0	0	0	0	0
7	1.6	1.1	3	2	2
8	10.2	2.7	19	5	13
9	1.6	1.1	3	2	2
10	0	0	0	0	0
11					
C. Uncultivable	6.3	2.1	12	4	8
12	0	0	0	0	0
13	3.1	1.5	6	3	4
14	0	0	0	0	0
15					
Totals Cultivated	49.2	4.4	92	8	
Uncultivated	41.4	4.4	77	8	
Uncultivable	9.4	2.6	18	5	

NATURAL AREA: 43g
 Area: 358 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	39.0	3.0	140	11	103
1	0	0	0	0	0
2	0	0	0	0	0
3	7.6	1.6	27	6	20
4					
B. Uncultivated	28.4	2.8	102	10	75
5	0	0	0	0	0
6	0	0	0	0	0
7	3.0	1.1	11	4	8
8	3.4	1.1	12	4	9
9	0.8	0.5	3	2	2
10	0	0	0	0	0
11					
C. Uncultivable	2.7	1.0	9	4	7
12	1.9	0.8	7	3	5
13	13.3	2.1	47	7	35
14	0	0	0	0	0
15					
Totals Cultivated	46.6	3.1	167	11	
Uncultivated	35.6	2.9	127	11	
Uncultivable	17.8	2.4	64	8	

NATURAL AREA: 43h
 Area: 578 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 33.7	2.1	195	12	172
	2 0	0	0	0	0
	3 0	0	0	0	0
	4 38.2	2.1	221	12	195
B. Uncultivated	5 16.0	1.6	93	9	82
	6 0	0	0	0	0
	7 0	0	0	0	0
	8 1.6	0.5	9	3	8
	9 1.4	0.5	8	3	7
	10 0.8	0.4	5	2	4
	11 0	0	0	0	0
C. Uncultivable	12 2.3	0.7	14	4	12
	13 1.2	0.5	7	3	6
	14 4.9	1.0	28	6	25
	15 0	0	0	0	0
Totals Cultivated	71.8	2.0	415	12	
Uncultivated	19.8	1.8	114	10	
Uncultivable	8.4	1.2	49	7	

NATURAL AREA: 43i
 Area: 217 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 54.3	4.1	118	9	82
	2 0	0	0	0	0
	3 0.7	0.7	1	1	1
	4 17.9	3.1	39	7	27
B. Uncultivated	5 17.9	3.1	39	7	27
	6 0	0	0	0	0
	7 0	0	0	0	0
	8 0	0	0	0	0
	9 2.0	1.1	4	2	3
	10 0	0	0	0	0
	11 0	0	0	0	0
C. Uncultivable	12 0	0	0	0	0
	13 2.6	1.3	6	3	4
	14 4.6	1.7	10	4	7
	15 0	0	0	0	0
Totals Cultivated	72.8	3.6	158	8	
Uncultivated	19.9	3.2	43	7	
Uncultivable	7.3	2.1	16	5	

NATURAL AREA:
 Area: 323 km² 43j

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	46.6	2.7	151	9	
1	0	0	0	0	
2	0	0	0	0	
3	4.4	1.1	14	4	
4					
B. Uncultivated	31.2	2.5	101	8	
5	0	0	0	0	
6	0	0	0	0	
7	6.1	1.3	20	4	
8	3.5	1.0	11	3	
9	1.5	0.6	5	2	
10	0	0	0	0	
11					
C. Uncultivable	0.6	0.4	2	1	
12	3.2	1.0	10	3	
13	2.9	0.9	9	3	
14	0	0	0	0	
15					
Totals Cultivated	51.0	2.7	165	9	
Uncultivated	42.3	2.7	137	9	
Uncultivable	6.7	1.4	22	4	

NATURAL AREA:
 Area: 82 km² 43k

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	32.1	6.4	26	5	17
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	35.8	6.6	29	5	19
5	0	0	0	0	0
6	0	0	0	0	0
7	3.8	2.6	3	2	2
8	17.0	5.2	14	4	9
9	3.8	2.6	3	2	2
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	1.9	1.9	2	2	1
13	5.7	3.2	5	3	3
14	0	0	0	0	0
15					
Totals Cultivated	32.1	6.4	26	5	
Uncultivated	60.4	6.7	50	6	
Uncultivable	7.4	3.6	6	3	

NATURAL AREA:
Area: 290 km² 44a

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	31.1	2.9	90	8	79
	2	3.1	1.1	9	3	8
	3	0	0	0	0	0
	4	0.4	0.4	1	1	1
B. Uncultivated	5	37.4	3.0	108	9	95
	6	7.5	1.7	22	5	19
	7	9.4	1.8	27	5	24
	8	3.1	1.1	9	3	8
	9	7.1	1.6	21	5	18
	10	0	0	0	0	0
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	0	0	0	0	0
	14	0.8	0.6	2	2	2
	15	0	0	0	0	0
Totals Cultivated		34.6	3.0	100	9	
Uncultivated		64.6	3.0	187	9	
Uncultivable		0.8	0.6	2	2	

NATURAL AREA:
Area: 438 km² 44b

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	69.9	2.6	307	11	223
	2	0.6	0.4	3	2	2
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	23.8	2.4	104	10	76
	6	0	0	0	0	0
	7	4.4	1.1	19	5	14
	8	0	0	0	0	0
	9	0.3	0.3	1	1	1
	10	0.3	0.3	1	1	1
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	0.3	0.3	1	1	1
	14	0.3	0.3	1	1	1
	15	0	0	0	0	0
Totals Cultivated		70.5	2.6	309	11	
Uncultivated		28.8	2.5	126	11	
Uncultivable		0.6	0.4	3	2	

NATURAL AREA: 44c
 Area: 206 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	60.5	3.7	124	8	107
	2	4.5	1.6	9	3	8
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	22.6	3.1	47	6	40
	6	0	0	0	0	0
	7	2.3	1.1	5	2	4
	8	0.6	0.6	1	1	1
	9	2.8	1.2	6	3	5
	10	0.6	0.6	1	1	1
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	2.8	1.2	6	3	5
	14	3.4	1.4	7	2	6
	15	0	0	0	0	0
Totals Cultivated		65.0	3.6	134	7	
Uncultivated		28.8	3.4	59	7	
Uncultivable		6.2	1.8	13	4	

NATURAL AREA: 44d
 Area: 164 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	0.7	0.7	1	1	1
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	4.1	1.6	7	3	6
	6	90.4	2.4	148	4	132
	7	1.4	1.0	2	2	2
	8	0.7	0.7	1	1	1
	9	0	0	0	0	0
	10	0	0	0	0	0
	11	0	0	0	0	0
C. Uncultivable	12	0.7	0.7	1	1	1
	13	2.1	1.2	3	2	3
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		0.7	0.7	1	1	
Uncultivated		96.6	1.5	159	2	
Uncultivable		2.7	1.4	4	2	

NATURAL AREA: 45a
 Area: 87 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	42.2	6.2	37	5	27
1	1.6	1.6	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	34.4	5.9	30	5	22
5	7.8	3.4	7	3	5
6	0	0	0	0	0
7	0	0	0	0	0
8	9.4	3.6	8	3	6
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	4.7	2.6	4	2	3
14	0	0	0	0	0
15					
Totals Cultivated	43.8	6.2	38	5	
Uncultivated	51.6	6.2	45	5	
Uncultivable	4.7	2.6	4	2	

NATURAL AREA: 45b*
 Area: 327 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	27.1	2.4	89	8	93
1	1.5	0.6	5	2	5
2	0.6	0.4	2	1	2
3	0.3	0.3	1	1	1
4					
B. Uncultivated	32.9	2.5	108	8	113
5	12.0	1.8	39	6	41
6	14.6	1.9	48	6	50
7	5.0	1.2	16	4	17
8	3.5	1.0	11	3	12
9	0.3	0.3	1	1	1
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0.6	0.4	2	1	2
13	1.7	0.7	6	2	6
14	0	0	0	0	0
15					
Totals Cultivated	29.5	2.5	96	8	
Uncultivated	68.2	2.5	223	8	
Uncultivable	2.3	0.8	8	3	

*The area under cultivation (1965) shown in Mapsheet 3, A R Stobbs (1971), should read 96 km² not 2.65 km²

NATURAL AREA: 45c
 Area: 1 283 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	50.7	1.5	651	20	545
1	1.4	0.4	18	5	15
2	0.1	0.1	1	1	1
3	0	0	0	0	0
4					
B. Uncultivated	34.6	1.5	444	19	372
5	0.1	0.1	1	1	1
6	1.6	0.4	20	5	17
7	3.1	0.5	39	7	33
8	3.7	0.6	48	7	40
9	0.1	0.1	1	1	1
10	0	0	0	0	0
11					
C. Uncultivable	0.4	0.2	5	2	4
12	1.2	0.3	16	4	13
13	2.7	0.5	35	6	29
14	0.3	0.2	4	2	3
15					
Totals Cultivated	52.2	1.5	670	20	
Uncultivated	43.2	1.5	554	19	
Uncultivable	4.6	0.6	59	8	

NATURAL AREA: 45d
 Area: 1 180 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	64.8	1.5	765	18	635
1	2.0	0.5	24	5	20
2	0	0	0	0	0
3	2.7	0.5	31	6	26
4					
B. Uncultivated	19.3	1.3	228	15	189
5	0	0	0	0	0
6	0	0	0	0	0
7	0.6	0.2	7	3	6
8	1.0	0.3	12	4	10
9	0.4	0.2	5	2	4
10	0.1	0.1	1	1	1
11					
C. Uncultivable	0.9	0.3	11	4	9
12	1.0	0.3	12	4	10
13	7.0	0.8	83	10	69
14	0.1	0.1	1	1	1
15					
Totals Cultivated	69.5	1.5	820	17	
Uncultivated	21.4	1.3	253	15	
Uncultivable	9.1	0.9	107	11	

NATURAL AREA:
Area: 470 km² 45e

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	46.4	2.6	218	12	169
1	0.3	0.3	1	1	1
2	0.3	0.3	1	1	1
3	0.8	0.5	4	2	3
4					
B. Uncultivated	27.5	2.3	129	11	100
5	0	0	0	0	0
6	0	0	0	0	0
7	0.5	0.4	3	2	2
8	1.4	0.6	6	3	5
9	3.8	1.0	18	5	14
10	0	0	0	0	0
11					
C. Uncultivable	12.4	1.7	58	8	45
12	0.3	0.3	1	1	1
13	6.3	1.3	30	6	23
14	0	0	0	0	0
15					
Totals Cultivated	47.8	2.6	225	12	
Uncultivated	33.2	2.5	156	12	
Uncultivable	19.0	2.1	89	10	

NATURAL AREA:
Area: 1 051 km² 45f*

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0.4	0.2	4	2	3
1	0.1	0.1	1	1	1
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	3.3	0.6	35	7	25
5	88.4	1.2	929	12	673
6	1.7	0.5	18	5	13
7	0.8	0.3	8	3	6
8	0.5	0.3	6	3	4
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0.3	0.2	3	2	2
12	4.5	0.7	47	8	34
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	0.5	0.3	6	3	
Uncultivated	94.7	0.8	995	8	
Uncultivable	4.8	0.8	50	8	

*The area under cultivation (1965) shown in Map sheet 3, A R Stobbs (1971), should read 6 km² not Nil.

NATURAL AREA:
Area: 184 km² 45g

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	49.3	4.2	90	8	70
1	2.8	1.4	5	3	4
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	33.1	3.9	61	7	47
5	0	0	0	0	0
6	4.2	1.7	8	3	6
7	0.7	0.7	1	1	1
8	1.4	1.0	3	2	2
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0.7	0.7	1	1	1
13	7.7	2.2	14	4	11
14	0	0	0	0	0
15					
Totals Cultivated	52.1	4.2	96	8	
Uncultivated	39.4	4.1	72	8	
Uncultivable	8.5	2.3	16	4	

NATURAL AREA:
Area: 533 km² 46a

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	4.6	1.0	25	5	22
1	0	0	0	0	0
2	0	0	0	0	0
3	1.9	0.6	10	3	9
4					
B. Uncultivated	6.9	1.2	37	6	33
5	0	0	0	0	0
6	0	0	0	0	0
7	9.8	1.4	52	7	47
8	1.5	0.5	8	3	7
9	11.7	1.5	62	8	56
10	0	0	0	0	0
11					
C. Uncultivable	62.1	2.2	331	12	297
12	0.6	0.4	3	2	3
13	0.8	0.4	4	2	4
14	0	0	0	0	0
15					
Totals Cultivated	6.5	1.1	35	6	
Uncultivated	29.9	2.1	160	11	
Uncultivable	63.6	2.2	339	12	

NATURAL AREA: 46b*
 Area: 131 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	0.8	0.8	1	1	1
	2	0.8	0.8	1	1	1
	3	0	0	0	0	0
	4	2.4	1.4	3	2	3
B. Uncultivated	5	0	0	0	0	0
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	0	0	0	0	0
	9	0	0	0	0	0
	10	0.8	0.8	1	1	1
	11	0	0	0	0	0
C. Uncultivable	12	95.2	1.9	125	3	118
	13	0	0	0	0	0
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		4.0	1.8	5	2	
Uncultivated		0.8	0.8	1	1	
Uncultivable		95.2	1.9	125	3	

NATURAL AREA: 46c
 Area: 51 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	0	0	0	0	0
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	17.6	4.6	9	2	12
B. Uncultivated	5	0	0	0	0	0
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	17.6	4.6	9	2	12
	9	0	0	0	0	0
	10	10.3	3.7	5	2	7
	11	0	0	0	0	0
C. Uncultivable	12	54.4	6.0	28	3	37
	13	0	0	0	0	0
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated		17.6	4.6	9	2	
Uncultivated		27.9	5.4	14	3	
Uncultivable		54.4	6.0	28	3	

*The area under cultivation (1965) shown in Map sheet 3, A R Stobbs (1971), should read 5 km² not Nil.

NATURAL AREA: 46d
 Area: 49 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	29.8	6.7	15	3	14
1	0	0	0	0	0
2	0	0	0	0	0
3	25.8	6.4	13	3	12
4					
B. Uncultivated	29.8	6.7	15	3	14
5	0	0	0	0	0
6	0	0	0	0	0
7	4.3	2.9	2	1	2
8	2.1	2.1	1	1	1
9	4.3	2.9	2	1	2
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	2.1	2.1	1	1	1
13	2.1	2.1	1	1	1
14	0	0	0	0	0
15					
Totals Cultivated	55.3	7.3	27	4	
Uncultivated	40.4	7.2	20	4	
Uncultivable	4.3	2.9	2	1	

NATURAL AREA: 47a
 Area: 170 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	52.7	4.1	90	7	78
1	0	0	0	0	0
2	0	0	0	0	0
3	4.1	1.6	7	3	6
4					
B. Uncultivated	25.0	3.6	43	6	37
5	0	0	0	0	0
6	0.7	0.7	1	1	1
7	2.0	1.2	3	2	3
8	2.0	1.2	3	2	3
9	0.7	0.7	1	1	1
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	12.8	2.7	22	5	19
14	0	0	0	0	0
15					
Totals Cultivated	56.8	4.1	97	7	
Uncultivated	30.4	3.8	52	6	
Uncultivable	12.8	2.7	22	5	

NATURAL AREA: 47b
 Area: 206 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	31.1	3.6	64	7	51
1	0	0	0	0	0
2	0	0	0	0	0
3	42.1	3.9	87	8	69
4					
B. Uncultivated	16.5	2.9	34	6	27
5	0	0	0	0	0
6	0	0	0	0	0
7	1.2	0.9	3	2	2
8	0.6	0.6	1	1	1
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	1.2	0.9	3	2	2
12	1.2	0.9	3	2	2
13	6.1	1.9	13	4	10
14	0	0	0	0	0
15					
Totals Cultivated	73.2	3.5	151	7	
Uncultivated	18.3	3.0	38	6	
Uncultivable	8.5	2.2	18	4	

NATURAL AREA: 47c*
 Area: 88 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	64.0	5.1	56	4	57
1	0	0	0	0	0
2	1.1	1.1	1	1	1
3	1.1	1.1	1	1	1
4					
B. Uncultivated	18.0	4.1	16	4	16
5	0	0	0	0	0
6	0	0	0	0	0
7	2.2	1.6	2	1	2
8	0	0	0	0	0
9	1.1	1.1	1	1	1
10	0	0	0	0	0
11					
C. Uncultivable	3.4	1.9	3	2	3
12	3.4	1.9	3	2	3
13	5.6	2.4	5	2	5
14	0	0	0	0	0
15					
Totals Cultivated	66.3	5.0	58	4	
Uncultivated	21.3	4.3	19	4	
Uncultivable	12.4	3.5	11	3	

*The area under cultivation (1965) shown in Map sheet 3, A R Stobbs (1971), should read 58 km² not 65.87 km²

NATURAL AREA:

Area: 143 km² 48a

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 6.5	2.1	9	3	9
	2 0	0	0	0	0
	3 0	0	0	0	0
	4 0	0	0	0	0
B. Uncultivated	5 15.8	3.1	23	4	22
	6 0	0	0	0	0
	7 0	0	0	0	0
	8 12.2	2.8	17	4	17
	9 4.3	1.7	6	2	6
	10 38.8	4.1	55	6	54
	11 0	0	0	0	0
C. Uncultivable	12 18.7	3.3	27	5	26
	13 2.2	1.2	3	2	3
	14 1.4	1.0	2	1	2
	15 0	0	0	0	0
Totals Cultivated	6.5	2.1	9	3	
Uncultivated	71.2	3.8	102	5	
Uncultivable	22.3	3.5	32	5	

NATURAL AREA:

Area: 434 km² 48b

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 1.7	0.8	8	3	5
	2 0.3	0.3	2	2	1
	3 0	0	0	0	0
	4 0	0	0	0	0
B. Uncultivated	5 2.8	1.0	12	4	8
	6 0	0	0	0	0
	7 0.3	0.3	2	2	1
	8 2.1	0.8	9	4	6
	9 2.8	1.0	12	4	8
	10 32.8	2.8	142	12	94
	11 0	0	0	0	0
C. Uncultivable	12 52.3	2.9	227	13	150
	13 4.2	1.2	18	5	12
	14 0.7	0.5	3	2	2
	15 0	0	0	0	0
Totals Cultivated	2.1	0.8	9	4	
Uncultivated	40.8	2.9	177	13	
Uncultivable	57.1	2.9	248	13	

NATURAL AREA: 48c
 Area: 328 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 3.0	1.1	10	4	7
	2 0	0	0	0	0
	3 0	0	0	0	0
	4 0	0	0	0	0
B. Uncultivated	5 5.1	1.4	17	5	12
	6 0	0	0	0	0
	7 0	0	0	0	0
	8 2.6	1.0	8	3	6
	9 0.9	0.6	3	2	2
	10 31.2	3.0	102	10	73
	11 0	0	0	0	0
C. Uncultivable	12 52.1	3.3	171	11	122
	13 5.1	1.4	17	5	12
	14 0	0	0	0	0
	15 0	0	0	0	0
Totals Cultivated	3.0	1.1	10	4	
Uncultivated	39.7	3.2	130	10	
Uncultivable	57.3	3.2	188	11	

NATURAL AREA: 48d
 Area: 116 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 27.0	4.4	31	5	27
	2 0	0	0	0	0
	3 0	0	0	0	0
	4 2.0	1.4	2	2	2
B. Uncultivated	5 30.0	4.6	35	5	30
	6 0	0	0	0	0
	7 0	0	0	0	0
	8 10.0	3.0	12	3	10
	9 13.0	3.4	15	4	13
	10 8.0	2.7	9	3	8
	11 0	0	0	0	0
C. Uncultivable	12 4.0	2.0	5	2	4
	13 2.0	1.4	2	2	2
	14 4.0	2.0	5	2	4
	15 0	0	0	0	0
Totals Cultivated	29.0	4.5	33	5	
Uncultivated	61.0	4.9	71	6	
Uncultivable	10.0	3.0	12	3	

NATURAL AREA: 48e
 Area: 407 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	26.5	2.6	108	10	78
1	0	0	0	0	0
2	0	0	0	0	0
3	1.0	0.6	4	2	3
4					
B. Uncultivated	38.1	2.8	155	12	112
5	0	0	0	0	0
6	0	0	0	0	0
7	7.1	1.5	29	6	21
8	8.2	1.6	33	7	24
9	7.1	1.5	29	6	21
10	0	0	0	0	0
11					
C. Uncultivable	6.8	1.5	28	6	20
12	2.0	0.8	8	3	6
13	3.1	1.0	12	4	9
14	0	0	0	0	0
15					
Totals Cultivated	27.6	2.6	112	11	
Uncultivated	60.5	2.9	247	12	
Uncultivable	11.9	1.9	48	8	

NATURAL AREA: 48f
 Area: 130 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	25.0	5.0	33	6	19
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	39.5	5.6	51	7	30
5	0	0	0	0	0
6	0	0	0	0	0
7	2.6	1.8	3	2	2
8	11.8	3.7	15	5	9
9	3.9	2.2	5	3	3
10	0	0	0	0	0
11					
C. Uncultivable	11.8	3.7	15	5	9
12	2.6	1.8	3	2	2
13	2.6	1.8	3	2	2
14	0	0	0	0	0
15					
Totals Cultivated	25.0	5.0	33	6	
Uncultivated	57.9	5.7	75	7	
Uncultivable	17.1	4.3	22	6	

NATURAL AREA: 48g
 Area: 124 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	4.3	2.1	5	3	4
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	14.1	3.6	18	4	13
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	16.3	3.9	20	5	15
	9	6.5	2.6	8	3	6
	10	14.1	3.6	18	4	13
	11	0	0	0	0	0
C. Uncultivable	12	43.5	5.2	54	6	40
	13	1.1	1.1	1	1	1
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals	Cultivated	4.3	2.1	5	3	
	Uncultivated	51.1	5.2	63	6	
	Uncultivable	44.6	5.2	55	6	

NATURAL AREA: 48h
 Area: 204 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	2.5	1.2	5	3	4
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	5.1	1.7	10	4	8
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	3.8	1.5	8	3	6
	9	0.6	0.6	1	1	1
	10	17.7	3.0	36	6	28
	11	0	0	0	0	0
C. Uncultivable	12	67.7	3.7	138	8	107
	13	2.5	1.2	5	3	4
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals	Cultivated	2.5	1.2	5	3	
	Uncultivated	27.2	3.5	55	7	
	Uncultivable	70.3	3.6	143	7	

NATURAL AREA: 49a
 Area: 293 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 3.6	1.3	11	4	7
	2 0	0	0	0	0
	3 0	0	0	0	0
	4 0	0	0	0	0
B. Uncultivated	5 10.3	2.2	30	6	20
	6 0	0	0	0	0
	7 0	0	0	0	0
	8 6.2	1.7	18	5	12
	9 3.1	1.2	9	4	6
	10 15.9	2.6	46	8	31
	11 0	0	0	0	0
C. Uncultivable	12 58.5	3.5	171	10	114
	13 2.1	1.0	6	3	4
	14 0.5	0.5	2	1	1
	15 0	0	0	0	0
Totals Cultivated	3.6	1.3	11	4	
Uncultivated	35.4	3.4	103	10	
Uncultivable	61.0	3.5	178	10	

NATURAL AREA: 49b
 Area: 221 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 12.8	2.5	28	6	23
	2 0	0	0	0	0
	3 0	0	0	0	0
	4 0	0	0	0	0
B. Uncultivated	5 26.8	3.3	59	7	48
	6 0	0	0	0	0
	7 0	0	0	0	0
	8 7.3	1.9	16	4	13
	9 7.8	2.0	17	4	14
	10 19.0	2.9	42	6	34
	11 0	0	0	0	0
C. Uncultivable	12 21.2	3.1	47	7	38
	13 5.0	1.6	11	4	9
	14 0	0	0	0	0
	15 0	0	0	0	0
Totals Cultivated	12.8	2.5	28	6	
Uncultivated	60.9	3.6	135	8	
Uncultivable	26.3	3.3	58	7	

NATURAL AREA: 49c
 Area: 505 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	13.0	1.8	66	9	45
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	22.5	2.2	114	11	78
5	0	0	0	0	0
6	0	0	0	0	0
7	4.9	1.2	25	6	17
8	9.2	1.6	47	8	32
9	10.4	1.6	52	8	36
10	0	0	0	0	0
11					
C. Uncultivable	36.3	2.6	183	13	126
12	2.9	0.9	15	5	10
13	0.9	0.5	4	3	3
14	0	0	0	0	0
15					
Totals Cultivated	13.0	1.8	66	9	
Uncultivated	47.0	2.7	237	14	
Uncultivable	40.0	2.6	202	13	

NATURAL AREA: 50a
 Area: 174 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	42.0	4.0	73	7	63
1	0	0	0	0	0
2	20.0	3.3	35	6	30
3	0	0	0	0	0
4					
B. Uncultivated	17.3	3.1	30	5	26
5	9.3	2.4	16	4	14
6	2.7	1.3	5	2	4
7	3.3	1.5	6	3	5
8	1.3	0.9	2	2	2
9	0.7	0.7	1	1	1
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	3.3	1.5	6	3	5
14	0	0	0	0	0
15					
Totals Cultivated	62.0	4.0	108	7	
Uncultivated	34.7	3.9	60	7	
Uncultivable	3.3	1.5	6	3	

NATURAL AREA: 50b
 Area: 549 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	3.9	1.3	22	7	9
1	1.3	0.8	7	4	3
2	4.4	1.4	24	7	10
3	0	0	0	0	0
4					
B. Uncultivated	6.1	1.6	34	9	14
5	68.4	3.1	376	17	156
6	2.6	1.1	14	6	6
7	4.4	1.4	24	7	10
8	2.2	1.0	12	5	5
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	6.1	1.6	34	9	14
13	0.4	0.4	2	2	1
14	0	0	0	0	0
15					
Totals Cultivated	9.6	2.0	53	11	
Uncultivated	83.8	2.4	460	13	
Uncultivable	6.6	1.6	36	9	

NATURAL AREA: 50c
 Area: 748 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	22.3	1.7	167	13	127
1	0.5	0.3	4	2	3
2	1.9	0.6	14	4	11
3	1.4	0.5	10	4	8
4					
B. Uncultivated	29.3	1.9	219	14	167
5	2.6	0.7	20	5	15
6	7.2	1.1	54	8	41
7	13.7	1.4	102	11	78
8	7.7	1.1	58	8	44
9	6.0	1.0	45	7	34
10	3.2	0.7	24	5	18
11					
C. Uncultivable	0.4	0.2	3	2	2
12	1.4	0.5	10	4	8
13	2.5	0.6	18	5	14
14	0	0	0	0	0
15					
Totals Cultivated	26.1	1.8	195	14	
Uncultivated	69.6	1.9	521	14	
Uncultivable	4.2	0.8	31	6	

NATURAL AREA: 50d
 Area: 298 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	16.6	2.1	49	6	52
1	0	0	0	0	0
2	1.9	0.8	6	2	6
3	0	0	0	0	0
4					
B. Uncultivated	24.6	2.4	73	7	77
5	35.5	2.7	106	8	111
6	0.6	0.5	2	1	2
7	2.6	0.9	8	3	8
8	9.6	1.7	29	5	30
9	1.3	0.6	4	2	4
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	6.7	1.4	20	4	21
13	0.6	0.5	2	1	2
14	0	0	0	0	0
15					
Totals Cultivated	18.5	2.2	55	7	
Uncultivated	74.1	2.5	221	7	
Uncultivable	7.3	1.5	22	4	

NATURAL AREA: 50e
 Area: 73 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	9.6	4.1	7	3	5
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4					
B. Uncultivated	19.2	5.5	14	4	10
5	0	0	0	0	0
6	0	0	0	0	0
7	53.8	6.9	39	5	28
8	13.5	4.7	10	3	7
9	3.8	2.7	3	2	2
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	9.6	4.1	7	3	
Uncultivated	90.4	4.1	66	3	
Uncultivable	0	0	0	0	

NATURAL AREA: 50f
 Area: 410 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	59.9	2.7	245	11	194
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	28.1	2.5	115	10	91
5	0	0	0	0	0
6	2.2	0.8	9	3	7
7	1.2	0.6	5	3	4
8	1.9	0.7	8	3	6
9	3.7	1.0	15	4	12
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	0.3	0.3	1	1	1
13	2.8	0.9	11	4	9
14	0	0	0	0	0
15					
Totals Cultivated	59.9	2.7	245	11	
Uncultivated	37.0	2.7	152	11	
Uncultivable	3.1	1.0	13	4	

NATURAL AREA: 50g
 Area: 49 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	27.3	6.7	13	3	12
1	0	0	0	0	0
2	0	0	0	0	0
3	9.1	4.3	4	2	4
4					
B. Uncultivated	18.2	5.8	9	3	8
5	9.1	4.3	4	2	4
6	4.5	3.1	2	2	2
7	2.3	2.2	1	1	1
8	4.5	3.1	2	2	2
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	4.5	3.1	2	2	2
13	20.5	6.1	10	3	9
14	0	0	0	0	0
15					
Totals Cultivated	36.4	7.3	18	4	
Uncultivated	38.6	7.3	19	4	
Uncultivable	25.0	6.5	12	3	

NATURAL AREA: 50h
 Area: 281 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	47.7	3.8	134	11	82
1	0	0	0	0	0
2	1.7	1.0	5	3	3
3	0	0	0	0	0
4					
B. Uncultivated	29.7	3.5	83	10	51
5	4.7	1.6	13	5	8
6	0.6	0.6	2	2	1
7	0	0	0	0	0
8	2.9	1.3	8	4	5
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	2.9	1.3	8	4	5
13	9.9	2.3	28	6	17
14	0	0	0	0	0
15					
Totals Cultivated	49.4	3.8	139	11	
Uncultivated	37.8	3.7	106	10	
Uncultivable	12.8	2.5	36	7	

NATURAL AREA: 50i
 Area: 153 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0	0	0	0	0
1	0	0	0	0	0
2	8.9	3.0	14	5	8
3	0	0	0	0	0
4					
B. Uncultivated	2.2	1.6	3	2	2
5	81.1	4.1	124	6	73
6	0	0	0	0	0
7	1.1	1.1	2	2	1
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11					
C. Uncultivable	0	0	0	0	0
12	6.7	2.6	10	4	6
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	8.9	3.0	14	5	
Uncultivated	84.4	3.8	129	6	
Uncultivable	6.7	2.6	10	4	

NATURAL AREA: 50j
 Area: 11 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1	0	0	0	0	0
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	0	0	0	0	0
	6	100	0	11	0	10
	7	0	0	0	0	0
	8	0	0	0	0	0
	9	0	0	0	0	0
	10	0	0	0	0	0
	11	0	0	0	0	0
C. Uncultivable	12	0	0	0	0	0
	13	0	0	0	0	0
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated	0	0	0	0		
Uncultivated	100	0	11	0		
Uncultivable	0	0	0	0		

NATURAL AREA: 51a
 Area: 20 km²

Land Use Class		Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
Cultivated	1	7.7	7.4	2	1	1
	2	0	0	0	0	0
	3	0	0	0	0	0
	4	0	0	0	0	0
B. Uncultivated	5	0	0	0	0	0
	6	0	0	0	0	0
	7	0	0	0	0	0
	8	0	0	0	0	0
	9	0	0	0	0	0
	10	0	0	0	0	0
	11	0	0	0	0	0
C. Uncultivable	12	92.3	7.4	18	1	12
	13	0	0	0	0	0
	14	0	0	0	0	0
	15	0	0	0	0	0
Totals Cultivated	7.7	7.4	2	1		
Uncultivated	0	0	0	0		
Uncultivable	92.3	7.4	18	1		

NATURAL AREA: 51b
 Area: 353 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	7.1	2.0	25	7	12
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	10.1	2.3	36	8	17
5	0	0	0	0	0
6	0.6	0.6	2	2	1
7	29.8	3.5	105	12	50
8	16.7	2.9	59	10	28
9	26.2	3.4	92	12	44
10	0.6	0.6	2	2	1
11					
C. Uncultivable	8.3	2.1	29	8	14
12	0.6	0.6	2	2	1
13	0	0	0	0	0
14	0	0	0	0	0
15					
Totals Cultivated	7.1	2.0	25	7	
Uncultivated	83.9	2.8	296	10	
Uncultivable	8.9	2.2	32	8	

NATURAL AREA: 51c
 Area: 789 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	0.6	0.3	4	3	3
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	2.4	0.7	19	5	13
5	0	0	0	0	0
6	0.6	0.3	4	3	3
7	4.1	0.9	32	7	22
8	2.4	0.7	19	5	13
9	27.3	1.9	215	15	147
10	8.3	1.2	66	9	45
11					
C. Uncultivable	52.1	2.2	411	17	281
12	1.7	0.6	13	4	9
13	0.4	0.3	3	2	2
14	0.2	0.2	1	1	1
15					
Totals Cultivated	0.6	0.3	4	3	
Uncultivated	45.1	2.1	356	17	
Uncultivable	54.4	2.1	429	17	

NATURAL AREA: 51d
 Area: 539 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	4.4	1.0	24	5	18
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	9.1	1.4	49	8	37
5	0	0	0	0	0
6	0.2	0.2	1	1	1
7	11.8	1.6	64	9	48
8	8.1	1.4	44	7	33
9	40.3	2.4	217	13	164
10	9.1	1.4	49	8	37
11					
C. Uncultivable	15.7	1.8	85	10	64
12	0.7	0.4	4	2	3
13	0.2	0.2	1	1	1
14	0.2	0.2	1	1	1
15					
Totals Cultivated	4.4	1.0	24	5	
Uncultivated	78.6	2.0	424	11	
Uncultivable	17.0	1.9	91	10	

NATURAL AREA: 51e
 Area: 208 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	5.1	2.0	11	4	6
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated	16.9	3.5	35	7	20
5	0	0	0	0	0
6	0	0	0	0	0
7	3.4	1.7	7	3	4
8	5.1	2.0	11	4	6
9	47.5	4.6	98	10	56
10	1.7	1.2	4	2	2
11					
C. Uncultivable	13.6	3.2	28	7	16
12	2.5	1.4	5	3	3
13	4.2	1.9	9	4	5
14	0	0	0	0	0
15					
Totals Cultivated	5.1	2.0	11	4	
Uncultivated	74.6	4.0	155	8	
Uncultivable	20.3	3.7	42	8	

NATURAL AREA: 51f
 Area: 71 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 1.8	1.8	1	1	1
	2 1.8	1.8	1	1	1
	3 0	0	0	0	0
	4 0	0	0	0	0
B. Uncultivated	5 1.8	1.8	1	1	1
	6 0	0	0	0	0
	7 0	0	0	0	0
	8 1.8	1.8	1	1	1
	9 0	0	0	0	0
	10 18.2	5.2	13	4	10
	11 0	0	0	0	0
C. Uncultivable	12 72.7	6.0	52	4	40
	13 1.8	1.8	1	1	1
	14 0	0	0	0	0
	15 0	0	0	0	0
Totals Cultivated	3.6	2.5	3	2	
Uncultivated	21.8	5.6	15	4	
Uncultivable	74.5	5.9	53	4	

NATURAL AREA: 52a
 Area: 50 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated	1 19.4	7.1	10	4	6
	2 0	0	0	0	0
	3 0	0	0	0	0
	4 0	0	0	0	0
B. Uncultivated	5 25.8	7.9	13	4	8
	6 0	0	0	0	0
	7 0	0	0	0	0
	8 32.3	8.4	16	4	10
	9 3.2	3.2	2	2	1
	10 12.9	6.0	6	3	4
	11 0	0	0	0	0
C. Uncultivable	12 3.2	3.2	2	2	1
	13 0	0	0	0	0
	14 3.2	3.2	2	2	1
	15 0	0	0	0	0
Totals Cultivated	19.4	7.1	10	4	
Uncultivated	74.2	7.9	37	4	
Uncultivable	6.4	4.4	3	2	

NATURAL AREA: 52b
 Area: 350 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	2.6	1.0	9	4	6
2	2.6	1.0	9	4	6
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	9.0	1.9	32	7	21
6	0	0	0	0	0
7	0	0	0	0	0
8	2.1	0.9	8	3	5
9	4.7	1.4	17	5	11
10	17.2	2.5	60	9	40
11	0	0	0	0	0
C. Uncultivable					
12	60.5	3.2	212	11	141
13	1.3	0.7	5	3	3
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	5.2	1.4	18	5	
Uncultivated	33.0	3.1	116	11	
Uncultivable	61.8	3.2	216	11	

NATURAL AREA: 52c
 Area: 218 km²

Land Use Class	Proportion (%)	S.E.	Area (km ²)	S.E.	Number of sampling points
A. Cultivated					
1	11.9	2.6	26	6	18
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
B. Uncultivated					
5	19.9	3.2	43	7	30
6	0	0	0	0	0
7	0.7	0.7	1	1	1
8	4.6	1.7	10	4	7
9	11.9	2.6	26	6	18
10	35.8	3.9	78	8	54
11	0.7	0.7	1	1	1
C. Uncultivable					
12	11.9	2.6	26	6	18
13	2.6	1.3	6	3	4
14	0	0	0	0	0
15	0	0	0	0	0
Totals Cultivated	11.9	2.6	26	6	
Uncultivated	73.5	3.6	160	8	
Uncultivable	14.6	2.9	32	6	

