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Livestock Activities
by Regions



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AERIAL RESOURCE AND
LAND-USE SURVEYS
IN THE JUBBA VALLEY

Volume 6
Livestock Activities
by Regions

By·

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Chapter 11

Appendix 11 - Part 7

Tables of results showing
activities of livestock for the
regions in the first Jilaal
the second Jilaal & the
Haqai Survey

FIRST JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 1

FIRST JILAL SURVEY REGION 1 (cont.)

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2456	30 84
	feeding on fallow rainfed cropping (B)	1973	24 77
	feeding on abandoned rainfed fields (C)	8	0 10
	feeding on enclosed land (D)	356	4 47
	feeding on fallow irrigated fields (E)	367	4 61
	feeding on abandoned irrigated fields (F)	487	6 12
	feeding on irrigated fields (and headlands canal banks) (G)	1010	12 68
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	818	10 27
	feeding close to night enclosure and dwellings (K)	410	5 15
	feeding on burnt land (O)	67	0 84
	feeding on irrigated sugar plantations (U)	12	0 15
SHEEP	feeding on range (A)	10245	42 46
	feeding on fallow rainfed cropping (B)	7358	30 49
	feeding on abandoned rainfed fields (C)	938	3 89
	feeding on enclosed land (D)	1865	7 73
	feeding on fallow irrigated fields (E)	925	3 83
	feeding on abandoned irrigated fields (F)	6	0 02
	feeding on irrigated fields (and headlands canal banks) (G)	1286	5 33
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	817	3 39
	drinking from river bed or river bank (I)	27	0 11
	feeding close to night enclosure and dwellings (K)	437	1 81
	feeding on burnt land (O)	134	0 56
feeding on irrigated sugar plantations (U)	92	0 38	
GOAT	feeding on range (A)	38357	56 69
	feeding on fallow rainfed cropping (B)	13414	19 82
	feeding on abandoned rainfed fields (C)	1153	1 70
	feeding on enclosed land (D)	6531	9 65
	feeding on fallow irrigated fields (E)	1003	1 48
	feeding on irrigated fields (and headlands canal banks) (G)	3165	4 68
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	504	0 74
	drinking from river bed or river bank (I)	92	0 14
	feeding close to night enclosure and dwellings (K)	1489	2 20
	feeding on land cleared for rainfed cropping (L)	1565	2 31
	feeding on burnt land (O)	344	0 51
feeding on receding flood cropping (depressions) (T)	46	0 07	
CAMEL	feeding on range (A)	3436	53 11
	feeding on fallow rainfed cropping (B)	1201	18 57
	feeding on enclosed land (D)	471	7 28
	feeding on fallow irrigated fields (E)	512	7 91
	feeding on irrigated fields (and headlands canal banks) (G)	213	3 29
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	196	3 03
	feeding close to night enclosure and dwellings (K)	258	3 99
	feeding on burnt land (O)	95	1 47
feeding on irrigated sugar plantations (U)	87	1 34	
DONKEY	feeding on range (A)	25	2 46
	feeding on fallow rainfed cropping (B)	377	37 07
	feeding on fallow irrigated fields (E)	13	1 28
	feeding on irrigated fields (and headlands canal banks) (G)	276	27 14
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	108	10 62
	feeding close to night enclosure and dwellings (K)	182	17 90
	feeding on mechanised rainfed fallow (S)	36	3 54

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FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 2

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	203	4 58
	drinking from river bed or river bank (I)	4230	95 42
SHEEP	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	174	1 94
	drinking from river bed or river bank (I)	8793	98 06
GOAT	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	572	1 94
	drinking from river bed or river bank (I)	28868	98 06
CAMEL	drinking from river bed or river bank (I)	9977	100 00
DONKEY	drinking from river bed or river bank (I)	105	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 3

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	9297	31 01
	feeding on fallow rainfed cropping (B)	11499	38 36
	feeding on abandoned rainfed fields (C)	3918	13 07
	feeding on abandoned irrigated fields (F)	1573	5 25
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	370	1 23
	drinking at well (J)	350	1 17
	feeding on irrigated sugar plantations (U)	2971	9 91
	SHEEP	feeding on range (A)	694
feeding on fallow rainfed cropping (B)		2745	66 11
feeding on abandoned rainfed fields (C)		473	11 39
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		40	0 96
drinking from river bed or river bank (I)		56	1 35
feeding on irrigated sugar plantations (U)		144	3 47
GOAT	feeding on range (A)	1656	16 79
	feeding on fallow rainfed cropping (B)	6833	69 29
	feeding on abandoned rainfed fields (C)	898	9 11
	drinking from river bed or river bank (I)	132	1 34
	feeding on irrigated sugar plantations (U)	342	3 47
CAMEL	feeding on range (A)	127	72 99
	feeding on abandoned rainfed fields (C)	47	27 01
DONKEY	feeding on fallow rainfed cropping (B)	54	100 00

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FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 4

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3237	34 65
	feeding on fallow rainfed cropping (B)	1641	17 57
	feeding on abandoned irrigated fields (F)	593	6 35
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	376	4 02
	drinking from river bed or river bank (I)	116	1 24
	carrying fodder or pulling cart carrying fodder (R)	3185	34 09
	feeding on mechanised rainfed fallow (S)	6	0 06
	feeding on irrigated sugar plantations (U)	188	2 01
GOAT	feeding on fallow rainfed cropping (B)	458	15 90
	feeding on abandoned irrigated fields (F)	1455	50 52
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	564	19 58
	drinking from river bed or river bank (I)	312	10 83
	feeding on irrigated sugar plantations (U)	91	3 16
CAMEL	feeding on range (A)	178	80 91
	feeding on fallow rainfed cropping (B)	24	10 91
	drinking from river bed or river bank (I)	18	8 18
DONKEY	draught animal (V)	6	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 5

ACTIVITY	ESTIMATE	PERCENTAGE
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FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 6

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	458	17 79
	feeding on fallow rainfed cropping (B)	225	8 74
	feeding on fallow irrigated fields (E)	19	0 74
	feeding on abandoned irrigated fields (F)	986	38 31
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	80	3 11
	treking (G)	300	11 66
	draught animal (V)	506	19 66
SHEEP	feeding on range (A)	107	16 07
	feeding on abandoned irrigated fields (F)	396	59 46
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	72	10 81
	treking (G)	91	13 66
GOAT	feeding on range (A)	240	16 06
	feeding on abandoned irrigated fields (F)	965	64 59
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	56	3 75
	treking (G)	115	7 70
	draught animal (V)	118	7 90
DONKEY	feeding on mechanised rainfed fallow (S)	14	56 00
	draught animal (V)	11	44 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 7

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1496	35 65
	feeding on fallow rainfed cropping (B)	312	7 44
	feeding on abandoned rainfed fields (C)	957	22 81
	feeding on fallow irrigated fields (E)	327	7 79
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	987	23 52
	feeding on irrigated banana plantations (P)	98	2 34
	feeding on mechanised rainfed fallow (S)	19	0 45
	GOAT	feeding on fallow rainfed cropping (B)	112
feeding on abandoned rainfed fields (C)		50	3 75
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		1046	78 47
feeding close to night enclosure and dwellings (R)		125	9 38
DONKEY	feeding on abandoned rainfed fields (C)	15	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 8

ACTIVITY	ESTIMATE	PERCENTAGE
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FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 9

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	393	1 56
	feeding on fallow rainfed cropping (B)	16938	67 41
	feeding on abandoned rainfed fields (C)	498	1 98
	feeding on fallow irrigated fields (E)	222	0 88
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	933	3 71
	drinking at well (J)	121	0 48
	carrying fodder or pulling cart carrying fodder (R)	6022	23 97
SHEEP	feeding on range (A)	2091	48 65
	feeding on fallow rainfed cropping (B)	2066	48 07
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	17	0 40
	drinking at well (J)	124	2 89
GOAT	feeding on range (A)	1731	29 12
	feeding on fallow rainfed cropping (B)	3822	64 29
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	87	1 46
	drinking at well (J)	305	5 13
CAMEL	feeding on fallow rainfed cropping (B)	169	100 00
DONKEY	feeding on fallow rainfed cropping (B)	88	42 51
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	6	2 90
	drinking at well (J)	113	54 59

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 20

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	203	4 58
	drinking from river bed or river bank (I)	4230	95 42
SHEEP	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	174	1 94
	drinking from river bed or river bank (I)	8793	98 06
GOAT	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	572	1 94
	drinking from river bed or river bank (I)	28868	98 06
CAMEL	drinking from river bed or river bank (I)	9977	100 00
DONKEY	drinking from river bed or river bank (I)	105	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 21

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	6086	14 34
	feeding on fallow rainfed cropping (B)	20553	48 43
	feeding on abandoned rainfed fields (C)	507	1 19
	feeding on enclosed land (D)	356	0 84
	feeding on fallow irrigated fields (E)	589	1 39
	feeding on abandoned irrigated fields (F)	1080	2 55
	feeding on irrigated fields (and headlands canal banks) (G)	1010	2 38
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	2127	5 01
	drinking from river bed or river bank (I)	116	0 27
	drinking at well (J)	121	0 29
	feeding close to night enclosure and dwellings (K)	410	0 97
	feeding on burnt land (O)	67	0 16
	carrying fodder or pulling cart carrying fodder (R)	9207	21 70
	feeding on mechanised rainfed fallow (S)	6	0 01
	feeding on irrigated sugar plantations (U)	200	0 47
SHEEP	feeding on range (A)	12336	43 39
	feeding on fallow rainfed cropping (B)	9424	33 15
	feeding on abandoned rainfed fields (C)	938	3 30
	feeding on enclosed land (D)	1865	6 56
	feeding on fallow irrigated fields (E)	925	3 25
	feeding on abandoned irrigated fields (F)	6	0 02
	feeding on irrigated fields (and headlands canal banks) (G)	1286	4 52
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	834	2 93
	drinking from river bed or river bank (I)	27	0 09
	drinking at well (J)	124	0 44
	feeding close to night enclosure and dwellings (K)	437	1 54
	feeding on burnt land (O)	134	0 47
feeding on irrigated sugar plantations (U)	92	0 32	
GOAT	feeding on range (A)	40089	52 41
	feeding on fallow rainfed cropping (B)	17694	23 13
	feeding on abandoned rainfed fields (C)	1153	1 51
	feeding on enclosed land (D)	6531	8 54
	feeding on fallow irrigated fields (E)	1003	1 31
	feeding on abandoned irrigated fields (F)	1455	1 90
	feeding on irrigated fields (and headlands canal banks) (G)	3165	4 14
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1155	1 51
	drinking from river bed or river bank (I)	404	0 53
	drinking at well (J)	305	0 40
	feeding close to night enclosure and dwellings (K)	1489	1 95
	feeding on land cleared for rainfed cropping (L)	1565	2 05
	feeding on burnt land (O)	344	0 45
	feeding on receding flood cropping (depressions) (T)	46	0 06
	feeding on irrigated sugar plantations (U)	91	0 12
CAMEL	feeding on range (A)	3615	52 70
	feeding on fallow rainfed cropping (B)	1394	20 32
	feeding on enclosed land (D)	471	6 87
	feeding on fallow irrigated fields (E)	512	7 46
	feeding on irrigated fields (and headlands canal banks) (G)	213	3 11
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	196	2 86
	drinking from river bed or river bank (I)	18	0 26
	feeding close to night enclosure and dwellings (K)	258	3 76
	feeding on burnt land (O)	95	1 39
	feeding on irrigated sugar plantations (U)	87	1 27

FIRST JILAAL SURVEY REGION 21 (cont)

DOMKEY		25	2 03
	feeding on range (A)	465	37 80
	feeding on fallow rainfed cropping (B)	13	1 06
	feeding on fallow irrigated fields (E)	276	22 44
	feeding on irrigated fields (and headlands canal banks) (G)	114	9 27
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	113	9 19
	drinking at well (J)	182	14 80
	feeding close to night enclosure and dwellings (K)	36	2 93
	feeding on mechanised rainfed fallow (S)	6	0 49
	draught animal (V)		

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 22

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	11251	30.62
	feeding on fallow rainfed cropping (B)	12036	32.75
	feeding on abandoned rainfed fields (C)	4875	13.27
	feeding on fallow irrigated fields (E)	346	0.94
	feeding on abandoned irrigated fields (F)	2559	6.96
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1437	3.91
	drinking at well (J)	350	0.95
	feeding on irrigated banana plantations (P)	98	0.27
	treking (Q)	300	0.82
	feeding on mechanised rainfed fallow (S)	19	0.05
	feeding on irrigated sugar plantations (U)	2971	8.08
	draught animal (V)	506	1.38
	SHEEP	feeding on range (A)	801
feeding on fallow rainfed cropping (B)		2745	56.96
feeding on abandoned rainfed fields (C)		473	9.82
feeding on abandoned irrigated fields (F)		396	8.22
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		113	2.34
drinking from river bed or river bank (I)		56	1.16
treking (Q)		91	1.89
feeding on irrigated sugar plantations (U)	144	2.99	
GOAT	feeding on range (A)	1895	14.94
	feeding on fallow rainfed cropping (B)	6945	54.74
	feeding on abandoned rainfed fields (C)	948	7.47
	feeding on abandoned irrigated fields (F)	965	7.61
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1102	8.69
	drinking from river bed or river bank (I)	132	1.04
	feeding close to night enclosure and dwellings (K)	125	0.99
	treking (Q)	115	0.91
	feeding on irrigated sugar plantations (U)	342	2.70
	draught animal (V)	118	0.93
CAMEL	feeding on range (A)	127	72.99
	feeding on abandoned rainfed fields (C)	47	27.01
DONKEY	feeding on fallow rainfed cropping (B)	54	57.45
	feeding on abandoned rainfed fields (C)	15	15.96
	feeding on mechanised rainfed fallow (S)	14	14.89
	draught animal (V)	11	11.70

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 23

ACTIVITY ESTIMATE PERCENTAGE

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 28

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	17337	20 73	
	feeding on fallow rainfed cropping (B)	32589	38 97	
	feeding on abandoned rainfed fields (C)	5382	6 44	
	feeding on enclosed land (D)	356	0 43	
	feeding on fallow irrigated fields (E)	935	1 12	
	feeding on abandoned irrigated fields (F)	3639	4 35	
	feeding on irrigated fields (and headlands canal banks) (G)	1010	1 21	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	3768	4 51	
	drinking from river bed or river bank (I)	4345	5 20	
	drinking at well (J)	471	0 56	
	feeding close to night enclosure and dwellings (K)	410	0 49	
	feeding on burnt land (O)	67	0 08	
	feeding on irrigated banana plantations (P)	98	0 12	
	treking (Q)	300	0 36	
	carrying fodder or pulling cart carrying fodder (R)	9207	11 01	
	feeding on mechanised rainfed fallow (S)	25	0 03	
	feeding on irrigated sugar plantations (U)	3171	3 79	
	draught animal (V)	506	0 61	
	SHEEP	feeding on range (A)	13138	31 12
		feeding on fallow rainfed cropping (B)	12169	28 83
feeding on abandoned rainfed fields (C)		1411	3 34	
feeding on enclosed land (D)		1865	4 42	
feeding on fallow irrigated fields (E)		925	2 19	
feeding on abandoned irrigated fields (F)		402	0 95	
feeding on irrigated fields (and headlands canal banks) (G)		1286	3 05	
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		1121	2 66	
drinking from river bed or river bank (I)		8876	21 03	
drinking at well (J)		124	0 29	
feeding close to night enclosure and dwellings (K)		437	1 04	
feeding on burnt land (O)		134	0 32	
treking (Q)		91	0 22	
feeding on irrigated sugar plantations (U)		236	0 56	
GOAT		feeding on range (A)	41984	35 40
	feeding on fallow rainfed cropping (B)	24639	20 77	
	feeding on abandoned rainfed fields (C)	2101	1 77	
	feeding on enclosed land (D)	6531	5 51	
	feeding on fallow irrigated fields (E)	1003	0 85	
	feeding on abandoned irrigated fields (F)	2419	2 04	
	feeding on irrigated fields (and headlands canal banks) (G)	3165	2 67	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	2829	2 39	
	drinking from river bed or river bank (I)	29404	24 79	
	drinking at well (J)	305	0 26	
	feeding close to night enclosure and dwellings (K)	1614	1 36	
	feeding on land cleared for rainfed cropping (L)	1565	1 32	
	feeding on burnt land (O)	344	0 29	
	treking (Q)	115	0 10	
	feeding on receding flood cropping (depressions) (T)	46	0 04	
	feeding on irrigated sugar plantations (U)	432	0 36	
draught animal (V)	118	0 10		

FIRST JILAAL SURVEY REGION 28 (cont)

CAMEL	feeding on range (A)	3742	22 00
	feeding on fallow rainfed cropping (B)	1394	8 19
	feeding on abandoned rainfed fields (C)	47	0 28
	feeding on enclosed land (D)	471	2 77
	feeding on fallow irrigated fields (E)	512	3 01
	feeding on irrigated fields (and headlands canal banks) (G)	213	1 25
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	196	1 15
	drinking from river bed or river bank (I)	9996	58 76
	feeding close to night enclosure and dwellings (K)	258	1 52
	feeding on burnt land (O)	95	0 56
feeding on irrigated sugar plantations (U)	87	0 51	
DONKEY	feeding on range (A)	25	1 75
	feeding on fallow rainfed cropping (B)	519	36 37
	feeding on abandoned rainfed fields (C)	15	1 05
	feeding on fallow irrigated fields (E)	13	0 91
	feeding on irrigated fields (and headlands canal banks) (G)	276	19 34
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	114	7 99
	drinking from river bed or river bank (I)	105	7 36
	drinking at well (J)	113	7 92
	feeding close to night enclosure and dwellings (K)	182	12 75
	feeding on mechanised rainfed fallow (S)	49	3 43
draught animal (V)	16	1 12	

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 31

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	drinking from river bed or river bank (I)	74	100 00
SHEEP	drinking from river bed or river bank (I)	570	100 00
GOAT	drinking from river bed or river bank (I)	174	100 00
DONKEY	drinking from river bed or river bank (I)	91	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 32

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	477	33 57
	feeding on fallow rainfed cropping (B)	297	20 90
	feeding on irrigated fields (and headlands canal banks) (G)	182	12 81
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	454	31 95
	feeding close to night enclosure and dwellings (K)	11	0 77
SHEEP	feeding on range (A)	1337	20 98
	feeding on fallow rainfed cropping (B)	2063	32 38
	feeding on abandoned rainfed fields (C)	673	10 56
	feeding on enclosed land (D)	1074	16 85
	feeding on fallow irrigated fields (E)	685	10 75
	feeding on irrigated fields (and headlands canal banks) (G)	180	2 82
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	353	5 54
	feeding close to night enclosure and dwellings (K)	7	0 11
GOAT	feeding on range (A)	6394	41 56
	feeding on fallow rainfed cropping (B)	5402	35 11
	feeding on abandoned rainfed fields (C)	831	5 40
	feeding on enclosed land (D)	1712	11 13
	feeding on fallow irrigated fields (E)	391	2 54
	feeding on irrigated fields (and headlands canal banks) (G)	132	0 86
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	473	3 07
	feeding close to night enclosure and dwellings (K)	9	0 06
	feeding on burnt land (O)	40	0 26
CAMEL	feeding on range (A)	1017	49 93
	feeding on fallow rainfed cropping (B)	521	25 58
	feeding on fallow irrigated fields (E)	499	24 50
DONKEY	feeding on fallow rainfed cropping (B)	140	38 46
	feeding on irrigated fields (and headlands canal banks) (G)	207	56 87
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	10	2 75
	feeding on mechanised rainfed fallow (S)	7	1 92

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 36

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	138	3 72
	feeding on fallow rainfed cropping (B)	1618	43 60
	feeding on enclosed land (D)	356	9 59
	feeding on fallow irrigated fields (E)	19	0 51
	feeding on irrigated fields (and headlands canal banks) (G)	739	19 91
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	364	9 81
	feeding close to night enclosure and dwellings (K)	398	10 72
	feeding on burnt land (O)	67	1 81
	feeding on irrigated sugar plantations (U)	12	0 32
	SHEEP	feeding on range (A)	7913
feeding on fallow rainfed cropping (B)		5168	31 55
feeding on abandoned rainfed fields (C)		244	1 49
feeding on enclosed land (D)		791	4 83
feeding on fallow irrigated fields (E)		40	0 24
feeding on irrigated fields (and headlands canal banks) (G)		1106	6 75
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		464	2 83
feeding close to night enclosure and dwellings (K)		430	2 62
feeding on burnt land (O)		134	0 82
feeding on irrigated sugar plantations (U)		92	0 56
GOAT	feeding on range (A)	28299	59 03
	feeding on fallow rainfed cropping (B)	7866	16 41
	feeding on abandoned rainfed fields (C)	271	0 57
	feeding on enclosed land (D)	4819	10 05
	feeding on fallow irrigated fields (E)	239	0 50
	feeding on irrigated fields (and headlands canal banks) (G)	3018	6 30
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	31	0 06
	feeding close to night enclosure and dwellings (K)	1479	3 09
	feeding on land cleared for rainfed cropping (L)	1565	3 26
	feeding on burnt land (O)	304	0 63
feeding on receding flood cropping (depressions) (T)	46	0 10	
CAMEL	feeding on range (A)	1730	46 38
	feeding on fallow rainfed cropping (B)	680	18 23
	feeding on enclosed land (D)	471	12 63
	feeding on irrigated fields (and headlands canal banks) (G)	213	5 71
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	196	5 25
	feeding close to night enclosure and dwellings (K)	258	6 92
	feeding on burnt land (O)	95	2 55
	feeding on irrigated sugar plantations (U)	87	2 33
DONKEY	feeding on fallow rainfed cropping (B)	229	38 81
	feeding on irrigated fields (and headlands canal banks) (G)	53	8 98
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	98	16 61
	feeding close to night enclosure and dwellings (K)	182	30 85
	feeding on mechanised rainfed fallow (S)	28	4 75

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 35

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	drinking from river bed or river bank (I)	256	100 00
SHEEP	drinking from river bed or river bank (I)	7922	100 00
GOAT	drinking from river bed or river bank (I)	27407	100 00
CAMEL	drinking from river bed or river bank (I)	8868	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 39

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	drinking from river bed or river bank (I)	3276	100 00
SHEEP	drinking from river bed or river bank (I)	301	100 00
GOAT	drinking from river bed or river bank (I)	1288	100 00
DONKEY	drinking from river bed or river bank (I)	14	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 40

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1841	65 03
	feeding on fallow rainfed cropping (B)	58	2 05
	feeding on abandoned rainfed fields (C)	8	0 28
	feeding on fallow irrigated fields (E)	348	12 29
	feeding on abandoned irrigated fields (F)	487	17 20
	feeding on irrigated fields (and headlands canal banks) (G)	89	3 14
SHEEP	feeding on range (A)	996	72 33
	feeding on fallow rainfed cropping (B)	127	9 22
	feeding on abandoned rainfed fields (C)	21	1 53
	feeding on fallow irrigated fields (E)	200	14 52
	feeding on abandoned irrigated fields (F)	6	0 44
	drinking from river bed or river bank (I)	27	1 96
GOAT	feeding on range (A)	3664	84 44
	feeding on fallow rainfed cropping (B)	145	3 34
	feeding on abandoned rainfed fields (C)	51	1 18
	feeding on fallow irrigated fields (E)	373	8 60
	feeding on irrigated fields (and headlands canal banks) (G)	14	0 32
	drinking from river bed or river bank (I)	92	2 12
CAMEL	feeding on range (A)	689	98 15
	feeding on fallow irrigated fields (E)	13	1 85
DONKEY	feeding on range (A)	25	39 68
	feeding on fallow rainfed cropping (B)	9	14 29
	feeding on fallow irrigated fields (E)	13	20 63
	feeding on irrigated fields (and headlands canal banks) (G)	16	25 40

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 43

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	drinking from river bed or river bank (I)	623	100 00
CAMEL	drinking from river bed or river bank (I)	1109	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 44

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2069	33 08
	feeding on fallow rainfed cropping (B)	2743	43 85
	feeding on abandoned rainfed fields (C)	1443	23 07
SHEEP	feeding on range (A)	574	48 48
	feeding on fallow rainfed cropping (B)	554	46 79
	drinking from river bed or river bank (I)	56	4 73
GOAT	feeding on range (A)	1170	40 51
	feeding on fallow rainfed cropping (B)	1586	54 92
	drinking from river bed or river bank (I)	132	4 57
CAMEL	feeding on range (A)	127	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 45

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3228	74 50
	feeding on fallow rainfed cropping (B)	997	23 01
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	33	0 76
	drinking from river bed or river bank (I)	75	1 73
GOAT	drinking from river bed or river bank (I)	58	100 00
CAMEL	feeding on range (A)	178	88 12
	feeding on fallow rainfed cropping (B)	24	11 88

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 48

	ACTIVITY	ESTIMATE	PERCENTAGE
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FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 49

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1448	26 65
	feeding on fallow rainfed cropping (B)	439	8 08
	feeding on abandoned rainfed fields (C)	1974	36 33
	feeding on abandoned irrigated fields (F)	1573	28 95
SHEEP	feeding on fallow rainfed cropping (B)	290	38 01
	feeding on abandoned rainfed fields (C)	473	61 99
GOAT	feeding on fallow rainfed cropping (B)	839	48 30
	feeding on abandoned rainfed fields (C)	898	51 70
CAMEL	feeding on abandoned rainfed fields (C)	47	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 50

	ACTIVITY	ESTIMATE	PERCENTAGE
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FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 53

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	203	100 00
SHEEP	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	174	100 00
GOAT	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	572	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 54

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1538	25 33
	feeding on fallow rainfed cropping (B)	837	13 78
	feeding on abandoned rainfed fields (C)	297	4 89
	feeding on fallow irrigated fields (E)	19	0 31
	feeding on abandoned irrigated fields (F)	986	16 24
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1123	18 49
	drinking at well (J)	350	5 76
	feeding on irrigated banana plantations (P)	98	1 61
	treking (Q)	300	4 94
	feeding on mechanised rainfed fallow (S)	19	0 31
	draught animal (V)	506	8 33
SHEEP	feeding on range (A)	107	5 71
	feeding on fallow rainfed cropping (B)	1208	64 46
	feeding on abandoned irrigated fields (F)	396	21 13
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	72	3 84
	treking (Q)	91	4 86
GOAT	feeding on range (A)	240	5 84
	feeding on fallow rainfed cropping (B)	1447	35 19
	feeding on abandoned irrigated fields (F)	965	23 47
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1102	26 80
	feeding close to night enclosure and dwellings (K)	125	3 04
	treking (Q)	115	2 80
	draught animal (V)	118	2 87
DONKEY	feeding on mechanised rainfed fallow (S)	14	56 00
	draught animal (V)	11	44 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 55

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	363	4 00
	feeding on fallow rainfed cropping (B)	4613	50 85
	feeding on abandoned rainfed fields (C)	329	3 63
	feeding on fallow irrigated fields (E)	222	2 45
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	353	3 89
	carrying fodder or pulling cart carrying fodder (R)	3185	35 11
	feeding on mechanised rainfed fallow (S)	6	0 07
SHEEP	feeding on range (A)	162	14 36
	feeding on fallow rainfed cropping (B)	966	85 64
GOAT	feeding on fallow rainfed cropping (B)	2570	55 69
	feeding on abandoned irrigated fields (F)	1455	31 53
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	590	12 78
CAMEL	feeding on fallow rainfed cropping (B)	12	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 58

	ACTIVITY	ESTIMATE	PERCENTAGE
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FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 59

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	6196	32 64
	feeding on fallow rainfed cropping (B)	8016	42 22
	feeding on abandoned rainfed fields (C)	1161	6 12
	feeding on fallow irrigated fields (E)	327	1 72
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	314	1 65
	feeding on irrigated sugar plantations (U)	2971	15 65
SHEEP	feeding on range (A)	121	12 14
	feeding on fallow rainfed cropping (B)	692	69 41
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	40	4 01
	feeding on irrigated sugar plantations (U)	144	14 44
GOAT	feeding on range (A)	485	12 28
	feeding on fallow rainfed cropping (B)	3073	77 82
	feeding on abandoned rainfed fields (C)	50	1 27
	feeding on irrigated sugar plantations (U)	341	8 64
DONKEY	feeding on fallow rainfed cropping (B)	54	78 26
	feeding on abandoned rainfed fields (C)	15	21 74

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 60

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	39	0 19
	feeding on fallow rainfed cropping (B)	12969	61 56
	feeding on abandoned rainfed fields (C)	170	0 81
	feeding on abandoned irrigated fields (F)	593	2 81
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	923	4 38
	drinking from river bed or river bank (I)	41	0 19
	drinking at well (J)	121	0 57
	carrying fodder or pulling cart carrying fodder (R)	6022	28 59
	feeding on irrigated sugar plantations (U)	188	0 89
SHEEP	feeding on range (A)	1922	60 82
	feeding on fallow rainfed cropping (B)	1097	34 72
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	17	0 54
	drinking at well (J)	124	3 92
GOAT	feeding on range (A)	1738	41 76
	feeding on fallow rainfed cropping (B)	1713	41 16
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	61	1 47
	drinking from river bed or river bank (I)	254	6 10
	drinking at well (J)	305	7 33
	feeding on irrigated sugar plantations (U)	91	2 19
CAMEL	feeding on fallow rainfed cropping (B)	157	89 71
	drinking from river bed or river bank (I)	18	10 29
DONKEY	feeding on fallow rainfed cropping (B)	88	41 31
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	6	2 82
	drinking at well (J)	113	53 05
	draught animal (V)	6	2 82

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 75

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	17337	21.89	
	feeding on fallow rainfed cropping (B)	32589	41.16	
	feeding on abandoned rainfed fields (C)	5382	6.80	
	feeding on enclosed land (D)	356	0.45	
	feeding on fallow irrigated fields (E)	935	1.18	
	feeding on abandoned irrigated fields (F)	3639	4.60	
	feeding on irrigated fields (and headlands canal banks) (G)	1010	1.28	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	3564	4.50	
	drinking from river bed or river bank (I)	116	0.15	
	drinking at well (J)	471	0.59	
	feeding close to night enclosure and dwellings (K)	410	0.52	
	feeding on burnt land (O)	67	0.08	
	feeding on irrigated banana plantations (P)	98	0.12	
	treking (Q)	300	0.38	
	carrying fodder or pulling cart carrying fodder (R)	9207	11.63	
	feeding on mechanised rainfed fallow (S)	25	0.03	
	feeding on irrigated sugar plantations (U)	3171	4.00	
	draught animal (V)	506	0.64	
	SHEEP	feeding on range (A)	13138	39.52
		feeding on fallow rainfed cropping (B)	12169	36.60
feeding on abandoned rainfed fields (C)		1411	4.24	
feeding on enclosed land (D)		1865	5.61	
feeding on fallow irrigated fields (E)		925	2.78	
feeding on abandoned irrigated fields (F)		402	1.21	
feeding on irrigated fields (and headlands canal banks) (G)		1286	3.87	
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		947	2.85	
drinking from river bed or river bank (I)		83	0.25	
drinking at well (J)		124	0.37	
feeding close to night enclosure and dwellings (K)		437	1.31	
feeding on burnt land (O)		134	0.40	
treking (Q)		91	0.27	
feeding on irrigated sugar plantations (U)		256	0.77	
GOAT	feeding on range (A)	41984	47.08	
	feeding on fallow rainfed cropping (B)	24639	27.63	
	feeding on abandoned rainfed fields (C)	2101	2.36	
	feeding on enclosed land (D)	6531	7.32	
	feeding on fallow irrigated fields (E)	1003	1.12	
	feeding on abandoned irrigated fields (F)	2419	2.71	
	feeding on irrigated fields (and headlands canal banks) (G)	3165	3.55	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	2257	2.53	
	drinking from river bed or river bank (I)	536	0.60	
	drinking at well (J)	305	0.34	
	feeding close to night enclosure and dwellings (K)	1614	1.81	
	feeding on land cleared for rainfed cropping (L)	1565	1.75	
	feeding on burnt land (O)	344	0.39	
	treking (Q)	115	0.13	
	feeding on receding flood cropping (depressions) (T)	46	0.05	
	feeding on irrigated sugar plantations (U)	432	0.48	
	draught animal (V)	118	0.13	

FIRST JILAAL SURVEY REGION 75 (cont)

CAMEL	feeding on range (A)	3742	53.21
	feeding on fallow rainfed cropping (B)	1394	19.82
	feeding on abandoned rainfed fields (C)	47	0.67
	feeding on enclosed land (D)	471	6.70
	feeding on fallow irrigated fields (E)	512	7.28
	feeding on irrigated fields (and headlands canal banks) (G)	213	3.03
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	196	2.79
	drinking from river bed or river bank (I)	18	0.26
	feeding close to night enclosure and dwellings (K)	258	3.67
	feeding on burnt land (O)	95	1.35
	feeding on irrigated sugar plantations (U)	87	1.24
DONKEY	feeding on range (A)	25	1.89
	feeding on fallow rainfed cropping (B)	519	39.26
	feeding on abandoned rainfed fields (C)	15	1.13
	feeding on fallow irrigated fields (E)	13	0.98
	feeding on irrigated fields (and headlands canal banks) (G)	276	20.88
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	114	8.62
	drinking at well (J)	113	8.55
	feeding close to night enclosure and dwellings (K)	182	13.77
	feeding on mechanised rainfed fallow (S)	49	3.71
	draught animal (V)	16	1.21

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 76

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	203	4 58
	drinking from river bed or river bank (I)	4230	95 42
SHEEP	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	174	1 94
	drinking from river bed or river bank (I)	8793	98 06
GOAT	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	572	1 94
	drinking from river bed or river bank (I)	28868	98 06
CAMEL	drinking from river bed or river bank (I)	9977	100 00
DONKEY	drinking from river bed or river bank (I)	105	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 78

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	477	31 91	
	feeding on fallow rainfed cropping (B)	297	19 87	
	feeding on irrigated fields (and headlands canal banks) (G)	182	12 17	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	454	30 37	
	drinking from river bed or river bank (I)	74	4 95	
	feeding close to night enclosure and dwellings (K)	11	0 74	
SHEEP	feeding on range (A)	1337	19 26	
	feeding on fallow rainfed cropping (B)	2063	29 72	
	feeding on abandoned rainfed fields (C)	673	9 69	
	feeding on enclosed land (D)	1074	15 47	
	feeding on fallow irrigated fields (E)	685	9 87	
	feeding on irrigated fields (and headlands canal banks) (G)	180	2 59	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	353	5 08	
	drinking from river bed or river bank (I)	570	8 21	
		feeding close to night enclosure and dwellings (K)	7	0 10
	GOAT	feeding on range (A)	6394	41 10
feeding on fallow rainfed cropping (B)		5402	34 72	
feeding on abandoned rainfed fields (C)		831	5 34	
feeding on enclosed land (D)		1712	11 00	
feeding on fallow irrigated fields (E)		391	2 51	
feeding on irrigated fields (and headlands canal banks) (G)		132	0 85	
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		473	3 04	
drinking from river bed or river bank (I)		174	1 12	
		feeding close to night enclosure and dwellings (K)	9	0 06
		feeding on burnt land (O)	40	0 26
CAMEL	feeding on range (A)	1017	49 93	
	feeding on fallow rainfed cropping (B)	521	25 58	
	feeding on fallow irrigated fields (E)	499	24 50	
DONKEY	feeding on fallow rainfed cropping (B)	140	30 77	
	feeding on irrigated fields (and headlands canal banks) (G)	207	45 49	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	10	2 20	
	drinking from river bed or river bank (I)	91	20 00	
		feeding on mechanised rainfed fallow (S)	7	1 54

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 79

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	138	3 48
	feeding on fallow rainfed cropping (B)	1618	40 79
	feeding on enclosed land (D)	356	8 97
	feeding on fallow irrigated fields (E)	19	0 48
	feeding on irrigated fields (and headlands canal banks) (G)	739	18 63
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	364	9 18
	drinking from river bed or river bank (I)	256	6 45
	feeding close to night enclosure and dwellings (K)	398	10 03
	feeding on burnt land (O)	67	1 69
	feeding on irrigated sugar plantations (U)	12	0 30
	SHEEP	feeding on range (A)	7913
feeding on fallow rainfed cropping (B)		5168	21 26
feeding on abandoned rainfed fields (C)		244	1 00
feeding on enclosed land (D)		791	3 25
feeding on fallow irrigated fields (E)		40	0 16
feeding on irrigated fields (and headlands canal banks) (G)		1106	4 55
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		464	1 91
drinking from river bed or river bank (I)		7922	32 60
feeding close to night enclosure and dwellings (K)		430	1 77
feeding on burnt land (O)		134	0 55
feeding on irrigated sugar plantations (U)		92	0 38
GOAT	feeding on range (A)	28299	37 56
	feeding on fallow rainfed cropping (B)	7866	10 44
	feeding on abandoned rainfed fields (C)	271	0 36
	feeding on enclosed land (D)	4819	6 40
	feeding on fallow irrigated fields (E)	239	0 32
	feeding on irrigated fields (and headlands canal banks) (G)	3018	4 01
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	31	0 04
	drinking from river bed or river bank (I)	27407	36 38
	feeding close to night enclosure and dwellings (K)	1479	1 96
	feeding on land cleared for rainfed cropping (L)	1565	2 08
	feeding on burnt land (O)	304	0 40
	feeding on receding flood cropping (depressions) (T)	46	0 06
	CAMEL	feeding on range (A)	1730
feeding on fallow rainfed cropping (B)		680	5 40
feeding on enclosed land (D)		471	3 74
feeding on irrigated fields (and headlands canal banks) (G)		213	1 69
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		196	1 56
drinking from river bed or river bank (I)		8868	70 39
feeding close to night enclosure and dwellings (K)		258	2 05
feeding on burnt land (O)		95	0 75
feeding on irrigated sugar plantations (U)		87	0 69
DOWKEY	feeding on fallow rainfed cropping (B)	229	38 81
	feeding on irrigated fields (and headlands canal banks) (G)	53	8 98
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	98	16 61
	feeding close to night enclosure and dwellings (K)	182	30 85
	feeding on mechanised rainfed fallow (S)	28	4 75

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 80

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	1841	30 15	
	feeding on fallow rainfed cropping (B)	58	0 95	
	feeding on abandoned rainfed fields (C)	8	0 13	
	feeding on fallow irrigated fields (E)	348	5 70	
	feeding on abandoned irrigated fields (F)	487	7 97	
	feeding on irrigated fields (and headlands canal banks) (G)	89	1 46	
	drinking from river bed or river bank (I)	3276	53 64	
	SHEEP	feeding on range (A)	996	59 32
		feeding on fallow rainfed cropping (B)	127	7 56
		feeding on abandoned rainfed fields (C)	21	1 25
		feeding on fallow irrigated fields (E)	200	11 91
feeding on abandoned irrigated fields (F)		6	0 36	
drinking from river bed or river bank (I)	329	19 59		
GOAT	feeding on range (A)	3664	65 11	
	feeding on fallow rainfed cropping (B)	145	2 58	
	feeding on abandoned rainfed fields (C)	51	0 91	
	feeding on fallow irrigated fields (E)	373	6 63	
	feeding on irrigated fields (and headlands canal banks) (G)	14	0 25	
	drinking from river bed or river bank (I)	1380	24 52	
CAMEL	feeding on range (A)	689	98 15	
	feeding on fallow irrigated fields (E)	13	1 85	
DOWKEY	feeding on range (A)	25	32 47	
	feeding on fallow rainfed cropping (B)	9	11 69	
	feeding on fallow irrigated fields (E)	13	16 88	
	feeding on irrigated fields (and headlands canal banks) (G)	16	20 78	
	drinking from river bed or river bank (I)	14	18 18	

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FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 81

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5297	47 25
	feeding on fallow rainfed cropping (B)	3740	33 36
	feeding on abandoned rainfed fields (C)	1443	12 87
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	33	0 29
	drinking from river bed or river bank (I)	698	6 23
SHEEP	feeding on range (A)	574	48 48
	feeding on fallow rainfed cropping (B)	554	46 79
	drinking from river bed or river bank (I)	56	4 73
GOAT	feeding on range (A)	1170	39 71
	feeding on fallow rainfed cropping (B)	1586	53 84
	drinking from river bed or river bank (I)	190	6 45
CAMEL	feeding on range (A)	306	21 26
	feeding on fallow rainfed cropping (B)	24	1 67
	drinking from river bed or river bank (I)	1109	77 07

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 82

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1448	26 65
	feeding on fallow rainfed cropping (B)	439	8 08
	feeding on abandoned rainfed fields (C)	1974	36 33
	feeding on abandoned irrigated fields (F)	1573	28 95
SHEEP	feeding on fallow rainfed cropping (B)	290	38 01
	feeding on abandoned rainfed fields (C)	473	61 99
GOAT	feeding on fallow rainfed cropping (B)	839	48 30
	feeding on abandoned rainfed fields (C)	898	51 70
CAMEL	feeding on abandoned rainfed fields (C)	47	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 84

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5819	15 45
	feeding on fallow rainfed cropping (B)	20986	55 73
	feeding on abandoned rainfed fields (C)	671	1 78
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1068	2 84
	drinking at well (J)	121	0 32
	carrying fodder or pulling cart carrying fodder (R)	6022	15 99
	feeding on irrigated sugar plantations (U)	2971	7 89
SHEEP	feeding on range (A)	2049	49 16
	feeding on fallow rainfed cropping (B)	1793	43 02
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	58	1 39
	drinking at well (J)	124	2 98
	feeding on irrigated sugar plantations (U)	144	3 45
GOAT	feeding on range (A)	2217	28 76
	feeding on fallow rainfed cropping (B)	4783	62 05
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	61	0 79
	drinking at well (J)	305	3 96
	feeding on irrigated sugar plantations (U)	342	4 44
CAMEL	feeding on fallow rainfed cropping (B)	157	100 00
DONKEY	feeding on fallow rainfed cropping (B)	142	53 18
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	6	2 25
	drinking at well (J)	113	42 32
	draught animal (V)	6	2 25

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 83

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1901	12 39
	feeding on fallow rainfed cropping (B)	5450	35 51
	feeding on abandoned rainfed fields (C)	626	4 08
	feeding on fallow irrigated fields (E)	241	1 57
	feeding on abandoned irrigated fields (F)	986	6 42
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1680	10 95
	drinking at well (J)	350	2 28
	feeding on irrigated banana plantations(P)	98	0 64
	treking (Q)	300	1 95
	carrying fodder or pulling cart carrying fodder (R)	3185	20 75
	feeding on mechanised rainfed fallow (S)	25	0 16
	draught animal (V)	506	3 30
	SHEEP	feeding on range (A)	269
feeding on fallow rainfed cropping (B)		2174	68 43
feeding on abandoned irrigated fields (F)		396	12 46
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		247	7 77
treking (Q)		91	2 86
GOAT	feeding on range (A)	240	2 58
	feeding on fallow rainfed cropping (B)	4017	43 20
	feeding on abandoned irrigated fields (F)	2419	26 02
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	2264	24 35
	feeding close to night enclosure and dwellings (K)	125	1 34
	treking (Q)	115	1 24
	draught animal (V)	118	1 27
CAMEL	feeding on fallow rainfed cropping (B)	12	100 00
DONKEY	feeding on mechanised rainfed fallow (S)	14	56 00
	draught animal (V)	11	44 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 85

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	416	17.38
	feeding on abandoned rainfed fields (C)	660	27.58
	feeding on fallow irrigated fields (E)	327	13.66
	feeding on abandoned irrigated fields (F)	593	24.78
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	168	7.02
	drinking from river bed or river bank (I)	41	1.71
	feeding on irrigated sugar plantations (U)	188	7.86
GOAT	feeding on abandoned rainfed fields (C)	50	12.66
	drinking from river bed or river bank (I)	254	64.30
	feeding on irrigated sugar plantations (U)	91	23.04
CAMEL	drinking from river bed or river bank (I)	18	100.00
DONKEY	feeding on abandoned rainfed fields (C)	15	100.00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 2

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1738	38 67
	feeding on fallow rainfed cropping (B)	201	4 47
	drinking from river bed or river bank (I)	1655	36 82
	feeding on cut browse (Q)	901	20 04
SHEEP	feeding on range (A)	1122	16 23
	feeding on fallow rainfed cropping (B)	239	3 46
	drinking from river bed or river bank (I)	5552	80 31
GOAT	feeding on range (A)	2277	17 91
	feeding on fallow rainfed cropping (B)	364	2 86
	drinking from river bed or river bank (I)	10075	79 23
CAMEL	drinking from river bed or river bank (I)	3637	100 00
DONKEY	drinking from river bed or river bank (I)	327	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 1

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	7722	43 99	
	feeding on fallow rainfed cropping (B)	3654	20 82	
	feeding on abandoned rainfed fields (C)	274	1 56	
	feeding on enclosed land (D)	269	1 53	
	feeding on fallow irrigated fields (E)	1996	11 37	
	feeding on abandoned irrigated fields (F)	31	0 18	
	feeding on irrigated fields (and headlands canal banks) (G)	1043	5 94	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1370	7 80	
	drinking from river bed or river bank (I)	101	0 58	
	feeding close to night enclosure and dwellings (K)	123	0 70	
	feeding on receding flood cropping (river bank) (N)	322	1 83	
	treking (to or from water) (W)	648	3 69	
	SHEEP	feeding on range (A)	38739	74 98
		feeding on fallow rainfed cropping (B)	3882	7 51
feeding on abandoned rainfed fields (C)		366	0 71	
feeding on enclosed land (D)		32	0 06	
feeding on fallow irrigated fields (E)		4594	8 89	
feeding on abandoned irrigated fields (F)		989	1 91	
feeding on irrigated fields (and headlands canal banks) (G)		789	1 53	
feeding close to night enclosure and dwellings (K)		1885	3 65	
feeding on receding flood cropping (river bank) (N)		102	0 20	
treking (to or from water) (W)		286	0 55	
GOAT		feeding on range (A)	56406	80 63
		feeding on fallow rainfed cropping (B)	4399	6 29
		feeding on abandoned rainfed fields (C)	401	0 57
		feeding on enclosed land (D)	53	0 08
	feeding on fallow irrigated fields (E)	4768	6 82	
	feeding on abandoned irrigated fields (F)	439	0 63	
	feeding on irrigated fields (and headlands canal banks) (G)	268	0 38	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	0 01	
	feeding close to night enclosure and dwellings (K)	2849	4 07	
	feeding on receding flood cropping (river bank) (N)	20	0 03	
	treking (to or from water) (W)	343	0 49	
	CAMEL	feeding on range (A)	9876	88 52
		feeding on fallow rainfed cropping (B)	333	2 98
		feeding on abandoned rainfed fields (C)	185	1 66
feeding on enclosed land (D)		52	0 47	
feeding on fallow irrigated fields (E)		356	3 19	
feeding on abandoned irrigated fields (F)		61	0 55	
feeding close to night enclosure and dwellings (K)		56	0 50	
feeding on receding flood cropping (river bank) (N)		198	1 77	
treking (to or from water) (W)		40	0 36	
DONKEY		feeding on range (A)	365	17 46
		feeding on fallow rainfed cropping (B)	455	21 77
		feeding on fallow irrigated fields (E)	977	46 75
		feeding on abandoned irrigated fields (F)	35	1 67
		feeding on irrigated fields (and headlands canal banks) (G)	37	1 77
	feeding close to night enclosure and dwellings (K)	7	0 33	
	feeding on receding flood cropping (river bank) (N)	159	7 61	
	draught animal (V)	52	2 49	
	treking (to or from water) (W)	3	0 14	

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SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 4

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2357	29 92
	feeding on fallow rainfed cropping (B)	2369	30 07
	feeding on abandoned rainfed fields (C)	1224	15 54
	feeding on abandoned irrigated fields (F)	353	4 48
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	140	1 78
	feeding on cut browse (G)	470	5 97
	treking (to or from water) (U)	964	12 24
SHEEP	feeding on range (A)	1404	49 45
	feeding on fallow rainfed cropping (B)	321	11 31
	feeding on abandoned irrigated fields (F)	810	28 53
	drinking from river bed or river bank (I)	152	5 35
	feeding close to night enclosure and dwellings (K)	152	5 35
GOAT	feeding on range (A)	7350	85 67
	feeding on fallow rainfed cropping (B)	305	3 56
	feeding on abandoned irrigated fields (F)	418	4 87
	drinking from river bed or river bank (I)	46	0 54
	feeding close to night enclosure and dwellings (K)	460	5 36
CAMEL	feeding on range (A)	1934	92 67
	feeding on fallow irrigated fields (E)	13	0 62
	treking (to or from water) (U)	140	6 71
DONKEY	feeding on range (A)	31	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 3

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	36756	42 08
	feeding on fallow rainfed cropping (B)	35823	41 02
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1434	1 64
	drinking at well (J)	2560	2 93
	treking (to or from water) (U)	10768	12 33
SHEEP	feeding on range (A)	4018	52 93
	feeding on fallow rainfed cropping (B)	3468	45 69
	treking (to or from water) (U)	105	1 38
GOAT	feeding on range (A)	2357	32 58
	feeding on fallow rainfed cropping (B)	4835	66 84
	treking (to or from water) (U)	42	0 58
CAMEL	feeding on range (A)	15575	93 38
	feeding on fallow rainfed cropping (B)	882	5 29
	drinking at well (J)	140	0 84
	draught animal (V)	83	0 50
DONKEY	feeding on range (A)	473	62 40
	feeding on fallow rainfed cropping (B)	160	21 11
	draught animal (V)	125	16 49

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 7

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3624	21 63
	feeding on fallow rainfed cropping (B)	10068	60 08
	feeding on abandoned rainfed fields (C)	461	2 75
	feeding on fallow irrigated fields (E)	2178	13 00
	feeding on abandoned irrigated fields (F)	382	2 28
	treking (to or from water) (H)	45	0 27
SHEEP	feeding on range (A)	1127	26 36
	feeding on fallow rainfed cropping (B)	1890	44 21
	feeding on abandoned rainfed fields (C)	268	6 27
	feeding on fallow irrigated fields (E)	905	21 17
	feeding close to night enclosure and dwellings (K)	85	1 99
GOAT	feeding on range (A)	1275	32 15
	feeding on fallow rainfed cropping (B)	1995	50 30
	feeding on abandoned rainfed fields (C)	330	8 32
	feeding on fallow irrigated fields (E)	288	7 26
	feeding close to night enclosure and dwellings (K)	78	1 97
CAMEL	feeding on range (A)	633	35 15
	feeding on fallow rainfed cropping (B)	11	0 61
	drinking at well (J)	1157	64 24
DONKEY	feeding on fallow rainfed cropping (B)	10	41 67
	draught animal (V)	14	58 33

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 6

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	6412	21 03
	feeding on fallow rainfed cropping (B)	3411	11 18
	feeding on fallow irrigated fields (E)	11897	39 01
	feeding on abandoned irrigated fields (F)	524	1 72
	feeding on irrigated fields (and headlands canal banks) (G)	1798	5 90
	feeding on land cleared for rainfed cropping (L)	895	2 93
	feeding on land cleared for irrigation (O)	173	0 57
	feeding on irrigated banana plantations(P)	274	0 90
	drinking from canal (S)	2391	7 84
	feeding on fallow irrigated sugar plantations (T)	1216	3 99
	feeding on irrigated sugar plantations (U)	1506	4 94
SHEEP	feeding on range (A)	1124	24 41
	feeding on fallow irrigated fields (E)	1786	38 78
	feeding on abandoned irrigated fields (F)	111	2 41
	feeding on irrigated fields (and headlands canal banks) (G)	89	1 93
	feeding on land cleared for irrigation (O)	208	4 52
	feeding on irrigated banana plantations(P)	219	4 76
	feeding on irrigated sugar plantations (U)	1068	23 19
GOAT	feeding on range (A)	520	8 25
	feeding on fallow irrigated fields (E)	3830	60 79
	feeding on abandoned irrigated fields (F)	331	5 25
	feeding on irrigated fields (and headlands canal banks) (G)	21	0 33
	feeding on land cleared for irrigation (O)	232	3 68
	feeding on irrigated banana plantations(P)	300	4 76
	feeding on irrigated sugar plantations (U)	1066	16 92
CAMEL	drinking from canal (S)	42	100 00
DONKEY	feeding on abandoned irrigated fields (F)	32	60 38
	drinking from canal (S)	21	39 62

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 9

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2591	20 15
	feeding on fallow rainfed cropping (B)	7688	59 80
	feeding on fallow irrigated fields (E)	747	5 81
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	783	6 09
	drinking at well (J)	17	0 13
	feeding close to night enclosure and dwellings (K)	116	0 90
	treking (to or from water) (W)	914	7 11
SHEEP	feeding on range (A)	1742	46 94
	feeding on fallow rainfed cropping (B)	1892	50 98
	feeding on abandoned irrigated fields (F)	10	0 27
	feeding close to night enclosure and dwellings (K)	67	1 81
GOAT	feeding on range (A)	1382	47 59
	feeding on fallow rainfed cropping (B)	1502	51 72
	feeding on abandoned irrigated fields (F)	20	0 69
CAMEL	feeding on range (A)	22	5 02
	feeding on fallow rainfed cropping (B)	402	91 78
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	2 05
	treking (to or from water) (W)	5	1 14
DONKEY	feeding on range (A)	1	9 09
	feeding on fallow rainfed cropping (B)	10	90 91

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 8

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	146	38 73
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	231	61 27
SHEEP	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	313	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 11

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	6089	41 21
	feeding on fallow rainfed cropping (B)	3822	25 86
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	705	4 77
	feeding close to night enclosure and dwellings (K)	564	3 82
	trekking (to or from water) (W)	723	4 89
	drinking from pool (Z)	2874	19 45
SHEEP	feeding on range (A)	53014	76 65
	feeding on fallow rainfed cropping (B)	3072	4 44
	feeding close to night enclosure and dwellings (K)	4902	7 09
	drinking from pool (Z)	8177	11 82
GOAT	feeding on range (A)	96620	83 47
	feeding on fallow rainfed cropping (B)	2666	2 30
	feeding close to night enclosure and dwellings (K)	6954	6 01
	drinking from pool (Z)	9516	8 22
CAMEL	feeding on range (A)	35169	88 45
	feeding on fallow rainfed cropping (B)	750	1 89
	feeding close to night enclosure and dwellings (K)	380	0 96
	draught animal (V)	139	0 35
	trekking (to or from water) (W)	639	1 61
	carrying aqallo for nomadic movement (Y)	111	0 28
	drinking from pool (Z)	2573	6 47
DONKEY	feeding on range (A)	205	20 81
	feeding close to night enclosure and dwellings (K)	780	79 19

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 10

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	8269	31 87
	feeding on fallow rainfed cropping (B)	9448	36 41
	feeding on enclosed land (D)	511	1 97
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1074	4 14
	feeding close to night enclosure and dwellings (K)	444	1 71
	trekking (to or from water) (W)	6202	23 90
SHEEP	feeding on range (A)	89079	82 85
	feeding on fallow rainfed cropping (B)	5067	4 71
	feeding on enclosed land (D)	415	0 39
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	597	0 56
	feeding close to night enclosure and dwellings (K)	10339	9 62
	feeding on land cleared for rainfed cropping (L)	544	0 51
	trekking (to or from water) (W)	1471	1 37
GOAT	feeding on range (A)	136686	82 00
	feeding on fallow rainfed cropping (B)	7463	4 48
	feeding on enclosed land (D)	1105	0 66
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1000	0 60
	feeding close to night enclosure and dwellings (K)	16457	9 87
	feeding on land cleared for rainfed cropping (L)	1233	0 74
	trekking (to or from water) (W)	2746	1 65
CAMEL	feeding on range (A)	30182	81 39
	feeding on fallow rainfed cropping (B)	62	0 17
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	268	0 72
	feeding close to night enclosure and dwellings (K)	1284	3 46
	trekking (to or from water) (W)	3955	10 67
	drinking from spring (X)	1332	3 59
DONKEY	feeding on range (A)	953	48 03
	feeding on abandoned rainfed fields (C)	94	4 74
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	46	2 32
	feeding close to night enclosure and dwellings (K)	677	34 12
	draught animal (V)	214	10 79

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 13

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	6067	52 10
	feeding on fallow rainfed cropping (B)	3537	30 37
	feeding on enclosed land (D)	419	3 60
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	107	0 92
	feeding close to night enclosure and dwellings (K)	42	0 36
	drinking from spring (X)	1474	12 66
SHEEP	feeding on range (A)	35212	93 47
	feeding on fallow rainfed cropping (B)	240	0 64
	feeding close to night enclosure and dwellings (K)	1768	4 69
	treking (to or from water) (W)	452	1 20
GOAT	feeding on range (A)	39215	87 94
	feeding on fallow rainfed cropping (B)	696	1 56
	feeding close to night enclosure and dwellings (K)	2550	5 72
	treking (to or from water) (W)	2131	4 78
CAMEL	feeding on range (A)	19887	94 43
	feeding on fallow rainfed cropping (B)	83	0 39
	feeding on enclosed land (D)	28	0 13
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	56	0 27
	feeding close to night enclosure and dwellings (K)	172	0 82
	treking (to or from water) (W)	750	3 56
	carrying aqallo for nomadic movement (Y)	83	0 39
DONKEY	feeding on range (A)	161	64 66
	feeding on enclosed land (D)	88	35 34

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 12

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	8540	64 67
	feeding on fallow rainfed cropping (B)	3202	24 25
	treking (to or from water) (W)	1463	11 08
SHEEP	feeding on range (A)	47542	92 38
	feeding on fallow rainfed cropping (B)	110	0 21
	drinking from river bed or river bank (I)	816	1 59
	drinking at well (J)	883	1 72
	feeding close to night enclosure and dwellings (K)	2110	4 10
GOAT	feeding on range (A)	69697	85 51
	drinking from river bed or river bank (I)	1468	1 80
	drinking at well (J)	6472	7 94
	feeding close to night enclosure and dwellings (K)	3870	4 75
CAMEL	feeding on range (A)	27505	89 19
	feeding on fallow rainfed cropping (B)	458	1 49
	drinking at well (J)	2002	6 49
	feeding close to night enclosure and dwellings (K)	492	1 60
	draught animal (V)	383	1 24
DONKEY	feeding on range (A)	142	42 14
	feeding on fallow rainfed cropping (B)	56	16 62
	feeding close to night enclosure and dwellings (K)	111	32 94
	draught animal (V)	28	8 31

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SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 15

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	56628	79 68
	feeding on fallow rainfed cropping (B)	4691	6 60
	feeding on abandoned rainfed fields (C)	89	0 13
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	6068	8 54
	feeding close to night enclosure and dwellings (K)	1749	2 46
	treking (to or from water) (W)	1842	2 59
SHEEP	feeding on range (A)	20983	87 81
	feeding on fallow rainfed cropping (B)	806	3 37
	feeding close to night enclosure and dwellings (K)	2106	8 81
GOAT	feeding on range (A)	39645	85 32
	feeding on fallow rainfed cropping (B)	1746	3 76
	feeding on abandoned rainfed fields (C)	121	0 26
	feeding close to night enclosure and dwellings (K)	4956	10 67
CAMEL	feeding on range (A)	20980	97 07
	feeding close to night enclosure and dwellings (K)	540	2 50
	draught animal (V)	94	0 43
DONKEY	feeding on range (A)	200	50 13
	feeding on fallow rainfed cropping (B)	61	15 29
	feeding close to night enclosure and dwellings (K)	138	34 59

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 14

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	14210	76 12
	feeding on fallow rainfed cropping (B)	2294	12 29
	feeding on abandoned rainfed fields (C)	509	2 73
	feeding on enclosed land (D)	1014	5 43
	feeding close to night enclosure and dwellings (K)	642	3 44
SHEEP	feeding on range (A)	36314	92 80
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	83	0 21
	feeding close to night enclosure and dwellings (K)	2734	6 99
GOAT	feeding on range (A)	56903	93 16
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	138	0 23
	feeding close to night enclosure and dwellings (K)	4039	6 61
CAMEL	feeding on range (A)	34894	95 62
	feeding on fallow rainfed cropping (B)	333	0 91
	feeding close to night enclosure and dwellings (K)	938	2 57
	draught animal (V)	84	0 23
	carrying aqallo for nomadic movement (Y)	245	0 67
DONKEY	feeding close to night enclosure and dwellings (K)	56	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 17

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	37032	90 34
	feeding close to night enclosure and dwellings (K)	877	2 14
	treking (to or from water) (W)	3084	7 52
SHEEP	feeding on range (A)	6070	51 64
	feeding on fallow rainfed cropping (B)	2138	18 19
	feeding close to night enclosure and dwellings (K)	3546	30 17
GOAT	feeding on range (A)	9829	39 08
	feeding on fallow rainfed cropping (B)	8694	34 57
	feeding close to night enclosure and dwellings (K)	6627	26 35
CAMEL	feeding on range (A)	13678	90 31
	feeding on fallow rainfed cropping (B)	123	0 81
	feeding close to night enclosure and dwellings (K)	1195	7 89
	draught animal (V)	60	0 40
	treking (to or from water) (W)	89	0 59
DONKEY	feeding on range (A)	359	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 16

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	49987	83 63
	feeding on fallow rainfed cropping (B)	429	0 72
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	970	1 62
	feeding close to night enclosure and dwellings (K)	351	0 59
	treking (to or from water) (W)	8033	13 44
SHEEP	feeding on range (A)	4118	79 21
	feeding on fallow rainfed cropping (B)	67	1 29
	feeding close to night enclosure and dwellings (K)	1014	19 50
GOAT	feeding on range (A)	10616	79 57
	feeding on fallow rainfed cropping (B)	122	0 91
	feeding close to night enclosure and dwellings (K)	2603	19 51
CAMEL	feeding on range (A)	23108	90 56
	feeding on fallow rainfed cropping (B)	1193	4 68
	feeding close to night enclosure and dwellings (K)	1064	4 17
	draught animal (V)	153	0 60
DONKEY	feeding close to night enclosure and dwellings (K)	60	6 35
	treking (to or from water) (W)	885	93 65

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 19

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	99241	81 83
	feeding close to night enclosure and dwellings (K)	14235	11 74
	treking (to or from water) (W)	7798	6 43
SHEEP	feeding on range (A)	18959	83 83
	feeding close to night enclosure and dwellings (K)	3658	16 17
GOAT	feeding on range (A)	37159	83 55
	feeding close to night enclosure and dwellings (K)	7318	16 45
CAMEL	feeding on range (A)	52580	89 86
	drinking at well (J)	2538	4 34
	feeding close to night enclosure and dwellings (K)	441	0 75
	drinking from war (H)	101	0 17
	draught animal (V)	717	1 23
	treking (to or from water) (W)	2138	3 65
DOWKEY	feeding on range (A)	429	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 18

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	14166	49 51
	feeding on fallow rainfed cropping (B)	2478	8 66
	feeding close to night enclosure and dwellings (K)	598	2 09
	treking (to or from water) (W)	11368	39 73
SHEEP	feeding on range (A)	3902	79 60
	feeding close to night enclosure and dwellings (K)	1000	20 40
GOAT	feeding on range (A)	5484	79 34
	feeding close to night enclosure and dwellings (K)	1428	20 66
CAMEL	feeding on range (A)	11972	92 33
	feeding close to night enclosure and dwellings (K)	689	5 31
	draught animal (V)	305	2 35
DOWKEY	feeding on range (A)	656	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 20

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1738	38 67
	feeding on fallow rainfed cropping (B)	201	4 47
	drinking from river bed or river bank (I)	1655	36 82
	feeding on cut browse (O)	901	20 04
SHEEP	feeding on range (A)	1122	16 23
	feeding on fallow rainfed cropping (B)	239	3 46
	drinking from river bed or river bank (I)	5552	80 31
GOAT	feeding on range (A)	2277	17 91
	feeding on fallow rainfed cropping (B)	364	2 86
	drinking from river bed or river bank (I)	10075	79 23
CAMEL	drinking from river bed or river bank (I)	3637	100 00
DONKEY	drinking from river bed or river bank (I)	327	100 00

SECOND JILAAL SURVEY REGION 21 (cont)

DONKEY	feeding on range (A)	397	18 62
	feeding on fallow rainfed cropping (B)	465	21 81
	feeding on fallow irrigated fields (E)	977	45 83
	feeding on abandoned irrigated fields (F)	35	1 64
	feeding on irrigated fields (and headlands canal banks) (G)	37	1 74
	feeding close to night enclosure and dwellings (K)	7	0 33
	feeding on receding flood cropping (river bank) (N)	159	7 46
	draught animal (V)	52	2 44
	treking (to or from water) (W)	3	0 14

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 21

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	12670	33 10
	feeding on fallow rainfed cropping (B)	13711	35 82
	feeding on abandoned rainfed fields (C)	1498	3 91
	feeding on enclosed land (D)	269	0 70
	feeding on fallow irrigated fields (E)	2742	7 16
	feeding on abandoned irrigated fields (F)	383	1 00
	feeding on irrigated fields (and headlands canal banks) (G)	1043	2 72
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	2292	5 99
	drinking from river bed or river bank (I)	101	0 26
	drinking at well (J)	17	0 04
	feeding close to night enclosure and dwellings (K)	238	0 62
	feeding on receding flood cropping (river bank) (N)	322	0 84
	feeding on cut browse (Q)	470	1 23
treking (to or from water) (W)	2526	6 60	
SHEEP	feeding on range (A)	41885	71 95
	feeding on fallow rainfed cropping (B)	6095	10 47
	feeding on abandoned rainfed fields (C)	366	0 63
	feeding on enclosed land (D)	32	0 05
	feeding on fallow irrigated fields (E)	4594	7 89
	feeding on abandoned irrigated fields (F)	1809	3 11
	feeding on irrigated fields (and headlands canal banks) (G)	789	1 36
	drinking from river bed or river bank (I)	152	0 26
	feeding close to night enclosure and dwellings (K)	2105	3 62
	feeding on receding flood cropping (river bank) (N)	102	0 18
	treking (to or from water) (W)	286	0 49
GOAT	feeding on range (A)	65139	79 98
	feeding on fallow rainfed cropping (B)	6207	7 62
	feeding on abandoned rainfed fields (C)	401	0 49
	feeding on enclosed land (D)	53	0 07
	feeding on fallow irrigated fields (E)	4768	5 85
	feeding on abandoned irrigated fields (F)	878	1 08
	feeding on irrigated fields (and headlands canal banks) (G)	268	0 33
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	0 01
	drinking from river bed or river bank (I)	46	0 06
	feeding close to night enclosure and dwellings (K)	3309	4 06
	feeding on receding flood cropping (river bank) (N)	20	0 02
	treking (to or from water) (W)	343	0 42
	CAMEL	feeding on range (A)	11832
feeding on fallow rainfed cropping (B)		734	5 37
feeding on abandoned rainfed fields (C)		185	1 35
feeding on enclosed land (D)		52	0 38
feeding on fallow irrigated fields (E)		369	2 70
feeding on abandoned irrigated fields (F)		61	0 45
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		9	0 07
feeding close to night enclosure and dwellings (K)		56	0 41
feeding on receding flood cropping (river bank) (N)		198	1 45
treking (to or from water) (W)		185	1 35

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 23

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	146	39 73
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	231	61 27
SHEEP	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	313	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 22

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	46792	34 76
	feeding on fallow rainfed cropping (B)	49301	36 63
	feeding on abandoned rainfed fields (C)	461	0 34
	feeding on fallow irrigated fields (E)	14076	10 46
	feeding on abandoned irrigated fields (F)	906	0 67
	feeding on irrigated fields (and headlands canal banks) (G)	1798	1 34
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1434	1 07
	drinking at well (J)	2540	1 90
	feeding on land cleared for rainfed cropping (L)	895	0 66
	feeding on land cleared for irrigation (O)	173	0 13
	feeding on irrigated banana plantations(P)	274	0 20
	drinking from canal (S)	2391	1 78
	feeding on fallow irrigated sugar plantations (T)	1216	0 90
	feeding on irrigated sugar plantations (U)	1506	1 12
	treking (to or from water) (W)	10814	8 03
SHEEP	feeding on range (A)	6270	38 06
	feeding on fallow rainfed cropping (B)	5358	32 53
	feeding on abandoned rainfed fields (C)	268	1 63
	feeding on fallow irrigated fields (E)	2691	16 34
	feeding on abandoned irrigated fields (F)	111	0 67
	feeding on irrigated fields (and headlands canal banks) (G)	89	0 54
	feeding close to night enclosure and dwellings (I)	85	0 52
	feeding on land cleared for irrigation (O)	208	1 26
	feeding on irrigated banana plantations(P)	219	1 33
	feeding on irrigated sugar plantations (U)	1068	6 48
	treking (to or from water) (W)	105	0 64
	GOAT	feeding on range (A)	4152
feeding on fallow rainfed cropping (B)		6831	39 03
feeding on abandoned rainfed fields (C)		330	1 89
feeding on fallow irrigated fields (E)		4118	23 53
feeding on abandoned irrigated fields (F)		331	1 89
feeding on irrigated fields (and headlands canal banks) (G)		21	0 12
feeding close to night enclosure and dwellings (I)		78	0 45
feeding on land cleared for irrigation (O)		232	1 33
feeding on irrigated banana plantations(P)		300	1 71
feeding on irrigated sugar plantations (U)		1066	6 09
treking (to or from water) (W)		42	0 24
CAMEL		feeding on range (A)	16208
	feeding on fallow rainfed cropping (B)	893	4 82
	drinking at well (J)	1297	7 00
	drinking from canal (S)	42	0 23
	draught animal (V)	83	0 45
DONKEY	feeding on range (A)	473	56 58
	feeding on fallow rainfed cropping (B)	170	20 33
	feeding on abandoned irrigated fields (F)	32	3 83
	drinking from canal (S)	21	2 51
	draught animal (V)	140	16 75

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 24

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	22897	42 46
	feeding on fallow rainfed cropping (B)	16473	30 55
	feeding on enclosed land (D)	511	0 95
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1779	3 30
	feeding close to night enclosure and dwellings (K)	1008	1 87
	treking (to or from water) (W)	8388	15 55
	drinking from pool (Z)	2874	5 33
	SHEEP	feeding on range (A)	189634
feeding on fallow rainfed cropping (B)		8249	3 62
feeding on enclosed land (D)		415	0 18
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		597	0 26
drinking from river bed or river bank (I)		816	0 36
drinking at well (J)		883	0 39
feeding close to night enclosure and dwellings (K)		17351	7 61
feeding on land cleared for rainfed cropping (L)		544	0 24
treking (to or from water) (W)		1471	0 64
drinking from pool (Z)		8177	3 58
GOAT		feeding on range (A)	303004
	feeding on fallow rainfed cropping (B)	10128	2 78
	feeding on enclosed land (D)	1105	0 30
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1008	0 28
	drinking from river bed or river bank (I)	1468	0 40
	drinking at well (J)	6472	1 78
	feeding close to night enclosure and dwellings (K)	27281	7 50
	feeding on land cleared for rainfed cropping (L)	1233	0 34
	treking (to or from water) (W)	2746	0 75
	drinking from pool (Z)	9516	2 61
	CAMEL	feeding on range (A)	92856
feeding on fallow rainfed cropping (B)		1271	1 18
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		268	0 25
drinking at well (J)		2002	1 86
feeding close to night enclosure and dwellings (K)		2156	2 00
draught animal (V)		522	0 48
treking (to or from water) (W)		4594	4 27
drinking from spring (X)		1332	1 24
carrying aqallo for nomadic movement (Y)		111	0 10
drinking from pool (Z)		2573	2 39
DONKEY	feeding on range (A)	1300	39 33
	feeding on fallow rainfed cropping (B)	56	1 69
	feeding on abandoned rainfed fields (C)	94	2 84
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	46	1 39
	feeding close to night enclosure and dwellings (K)	1568	47 44
	draught animal (V)	241	7 29

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 25

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	20278	66 89
	feeding on fallow rainfed cropping (B)	5831	19 23
	feeding on abandoned rainfed fields (C)	509	1 68
	feeding on enclosed land (D)	1433	4 73
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	107	0 35
	feeding close to night enclosure and dwellings (K)	684	2 26
	drinking from spring (X)	1474	4 86
	SHEEP	feeding on range (A)	71526
feeding on fallow rainfed cropping (B)		240	0 31
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		83	0 11
feeding close to night enclosure and dwellings (K)		4502	5 86
treking (to or from water) (W)		452	0 59
GOAT	feeding on range (A)	96118	90 96
	feeding on fallow rainfed cropping (B)	696	0 66
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	138	0 13
	feeding close to night enclosure and dwellings (K)	6589	6 24
	treking (to or from water) (W)	2131	2 02
CAMEL	feeding on range (A)	54781	95 18
	feeding on fallow rainfed cropping (B)	417	0 72
	feeding on enclosed land (D)	28	0 05
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	56	0 10
	feeding close to night enclosure and dwellings (K)	1110	1 93
	draught animal (V)	84	0 15
	treking (to or from water) (W)	750	1 30
	carrying aqallo for nomadic movement (Y)	328	0 57
DONKEY	feeding on range (A)	161	52 79
	feeding on enclosed land (D)	88	28 85
	feeding close to night enclosure and dwellings (K)	56	18 36

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 27

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	113407	75 66
	feeding on fallow rainfed cropping (B)	2478	1 65
	feeding close to night enclosure and dwellings (K)	14833	9 90
	treking (to or from water) (W)	19166	12 79
SHEEP	feeding on range (A)	22862	83 07
	feeding close to night enclosure and dwellings (K)	4658	16 93
GOAT	feeding on range (A)	42643	82 98
	feeding close to night enclosure and dwellings (K)	8747	17 02
CAMEL	feeding on range (A)	64552	90 31
	drinking at well (J)	2538	3 55
	feeding close to night enclosure and dwellings (K)	1130	1 58
	drinking from war (N)	101	0 14
	draught animal (V)	1022	1 43
DONKEY	treking (to or from water) (W)	2138	2 99
	feeding on range (A)	1085	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 26

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	143647	83 60
	feeding on fallow rainfed cropping (B)	5119	2 98
	feeding on abandoned rainfed fields (C)	89	0 05
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	7038	4 10
	feeding close to night enclosure and dwellings (K)	2977	1 73
	treking (to or from water) (W)	12958	7 54
SHEEP	feeding on range (A)	31171	76 31
	feeding on fallow rainfed cropping (B)	3011	7 37
	feeding close to night enclosure and dwellings (K)	6666	16 32
GOAT	feeding on range (A)	60089	70 73
	feeding on fallow rainfed cropping (B)	10562	12 43
	feeding on abandoned rainfed fields (C)	121	0 14
	feeding close to night enclosure and dwellings (K)	14186	16 70
CAMEL	feeding on range (A)	57766	92 76
	feeding on fallow rainfed cropping (B)	1316	2 11
	feeding close to night enclosure and dwellings (K)	2799	4 49
	draught animal (V)	308	0 49
	treking (to or from water) (W)	89	0 14
DONKEY	feeding on range (A)	559	32 82
	feeding on fallow rainfed cropping (B)	61	3 58
	feeding close to night enclosure and dwellings (K)	198	11 63
	treking (to or from water) (W)	885	51 97

SECOND JILAAL SURVEY REGION 28 (cont)

CAMEL	feeding on range (A)	28039	78 23	
	feeding on fallow rainfed cropping (B)	1628	4 54	
	feeding on abandoned rainfed fields (C)	185	0 52	
	feeding on enclosed land (D)	52	0 15	
	feeding on fallow irrigated fields (E)	369	1 03	
	feeding on abandoned irrigated fields (F)	61	0 17	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	0 03	
	drinking from river bed or river bank (I)	3637	10 15	
	drinking at well (J)	1297	3 62	
	feeding close to night enclosure and dwellings (K)	56	0 16	
	feeding on receding flood cropping (river bank) (N)	198	0 55	
	drinking from canal (S)	42	0 12	
	draught animal (V)	83	0 23	
	treking (to or from water) (W)	185	0 52	
	DONKEY	feeding on range (A)	870	26 42
		feeding on fallow rainfed cropping (B)	635	19 28
feeding on fallow irrigated fields (E)		977	29 67	
feeding on abandoned irrigated fields (F)		66	2 00	
feeding on irrigated fields (and headlands canal banks) (G)		37	1 12	
drinking from river bed or river bank (I)		327	9 93	
feeding close to night enclosure and dwellings (K)		7	0 21	
feeding on receding flood cropping (river bank) (N)		159	4 83	
drinking from canal (S)		21	0 64	
draught animal (V)		191	5 80	
treking (to or from water) (W)		3	0 09	

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 28

		ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	61346	34 51	
	feeding on fallow rainfed cropping (B)	63213	35 56	
	feeding on abandoned rainfed fields (C)	1959	1 10	
	feeding on enclosed land (D)	269	0 15	
	feeding on fallow irrigated fields (E)	16818	9 46	
	feeding on abandoned irrigated fields (F)	1290	0 73	
	feeding on irrigated fields (and headlands canal banks) (G)	2840	1 60	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	3957	2 23	
	drinking from river bed or river bank (I)	1756	0 99	
	drinking at well (J)	2577	1 45	
	feeding close to night enclosure and dwellings (K)	238	0 13	
	feeding on land cleared for rainfed cropping (L)	895	0 50	
	feeding on receding flood cropping (river bank) (N)	322	0 18	
	feeding on land cleared for irrigation (O)	173	0 10	
	feeding on irrigated banana plantations(P)	274	0 15	
	feeding on cut browse (Q)	1371	0 77	
	drinking from canal (S)	2391	1 35	
	feeding on fallow irrigated sugar plantations (T)	1216	0 68	
	feeding on irrigated sugar plantations (U)	1506	0 85	
treking (to or from water) (W)	13340	7 50		
SHEEP	feeding on range (A)	49277	60 16	
	feeding on fallow rainfed cropping (B)	11692	14 27	
	feeding on abandoned rainfed fields (C)	634	0 77	
	feeding on enclosed land (D)	32	0 04	
	feeding on fallow irrigated fields (E)	7285	8 89	
	feeding on abandoned irrigated fields (F)	1920	2 34	
	feeding on irrigated fields (and headlands canal banks) (G)	878	1 07	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	313	0 38	
	drinking from river bed or river bank (I)	5704	6 96	
	feeding close to night enclosure and dwellings (K)	2190	2 67	
	feeding on receding flood cropping (river bank) (N)	102	0 12	
	feeding on land cleared for irrigation (O)	208	0 25	
	feeding on irrigated banana plantations(P)	219	0 27	
	feeding on irrigated sugar plantations (U)	1068	1 30	
	treking (to or from water) (W)	392	0 48	
	GOAT	feeding on range (A)	71568	64 10
		feeding on fallow rainfed cropping (B)	13402	12 00
feeding on abandoned rainfed fields (C)		730	0 65	
feeding on enclosed land (D)		53	0 05	
feeding on fallow irrigated fields (E)		8886	7 96	
feeding on abandoned irrigated fields (F)		1209	1 08	
feeding on irrigated fields (and headlands canal banks) (G)		289	0 26	
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		9	0 01	
drinking from river bed or river bank (I)		10121	9 06	
feeding close to night enclosure and dwellings (K)		3388	3 03	
feeding on receding flood cropping (river bank) (N)		20	0 02	
feeding on land cleared for irrigation (O)		232	0 21	
feeding on irrigated banana plantations(P)		300	0 27	
feeding on irrigated sugar plantations (U)		1066	0 95	
treking (to or from water) (W)		385	0 34	

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 30

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	257054	79 90
	feeding on fallow rainfed cropping (B)	7598	2 36
	feeding on abandoned rainfed fields (C)	89	0 03
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	7038	2 19
	feeding close to night enclosure and dwellings (K)	17810	5 54
	treking (to or from water) (W)	32124	9 99
SHEEP	feeding on range (A)	54033	79 03
	feeding on fallow rainfed cropping (B)	3011	4 40
	feeding close to night enclosure and dwellings (K)	11324	16 56
GOAT	feeding on range (A)	102733	75 35
	feeding on fallow rainfed cropping (B)	10562	7 75
	feeding on abandoned rainfed fields (C)	121	0 09
	feeding close to night enclosure and dwellings (K)	22932	16 82
CAMEL	feeding on range (A)	122319	91 45
	feeding on fallow rainfed cropping (B)	1316	0 98
	drinking at well (J)	2538	1 90
	feeding close to night enclosure and dwellings (K)	3929	2 94
	drinking from war (M)	101	0 08
	draught animal (V)	1330	0 99
	treking (to or from water) (W)	2228	1 67
DONKEY	feeding on range (A)	1644	58 97
	feeding on fallow rainfed cropping (B)	61	2 19
	feeding close to night enclosure and dwellings (K)	198	7 10
	treking (to or from water) (W)	885	31 74

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 29

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	43175	51 25	
	feeding on fallow rainfed cropping (B)	22304	26 47	
	feeding on abandoned rainfed fields (C)	509	0 60	
	feeding on enclosed land (D)	1945	2 31	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1887	2 24	
	feeding close to night enclosure and dwellings (K)	1692	2 01	
	treking (to or from water) (W)	8388	9 96	
	drinking from spring (X)	1474	1 75	
	drinking from pool (Z)	2874	3 41	
	SHEEP	feeding on range (A)	261160	85 64
		feeding on fallow rainfed cropping (B)	8488	2 78
feeding on enclosed land (D)		415	0 14	
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		679	0 22	
drinking from river bed or river bank (I)		816	0 27	
drinking at well (J)		883	0 29	
feeding close to night enclosure and dwellings (K)		21853	7 17	
feeding on land cleared for rainfed cropping (L)		544	0 18	
treking (to or from water) (W)		1923	0 63	
drinking from pool (Z)		817	2 68	
GOAT		feeding on range (A)	399122	84 99
	feeding on fallow rainfed cropping (B)	10825	2 30	
	feeding on enclosed land (D)	1105	0 24	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1146	0 24	
	drinking from river bed or river bank (I)	1468	0 31	
	drinking at well (J)	6472	1 38	
	feeding close to night enclosure and dwellings (K)	33870	7 21	
	feeding on land cleared for rainfed cropping (L)	1233	0 26	
	treking (to or from water) (W)	4877	1 04	
	drinking from pool (Z)	9516	2 03	
	CAMEL	feeding on range (A)	147636	89 35
feeding on fallow rainfed cropping (B)		1687	1 02	
feeding on enclosed land (D)		28	0 02	
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		323	0 20	
drinking at well (J)		2002	1 21	
feeding close to night enclosure and dwellings (K)		3266	1 98	
draught animal (V)		606	0 37	
treking (to or from water) (W)		5344	3 23	
drinking from spring (X)		1332	0 81	
carrying aqallo for nomadic movement (Y)		439	0 27	
drinking from pool (Z)		2573	1 56	
DONKEY	feeding on range (A)	1461	40 47	
	feeding on fallow rainfed cropping (B)	56	1 55	
	feeding on abandoned rainfed fields (C)	94	2 60	
	feeding on enclosed land (D)	88	2 44	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	46	1 27	
	feeding close to night enclosure and dwellings (K)	1624	44 99	
	draught animal (V)	241	6 68	

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SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 32

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	325	21 65
	feeding on irrigated fields (and headlands canal banks) (G)	369	24 58
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	807	53 76
SHEEP	feeding on range (A)	13579	89 12
	feeding on enclosed land (D)	22	0 14
	feeding on irrigated fields (and headlands canal banks) (G)	699	4 59
	feeding close to night enclosure and dwellings (K)	936	6 14
GOAT	feeding on range (A)	9455	82 15
	feeding on enclosed land (D)	44	0 38
	feeding on irrigated fields (and headlands canal banks) (G)	224	1 95
	feeding close to night enclosure and dwellings (K)	1787	15 53
CAMEL	feeding on range (A)	2222	88 53
	feeding on fallow irrigated fields (E)	232	9 24
	feeding close to night enclosure and dwellings (K)	56	2 23
DONKEY	feeding on range (A)	194	38 72
	feeding on fallow rainfed cropping (B)	154	30 74
	feeding on fallow irrigated fields (E)	41	8 18
	feeding on abandoned irrigated fields (F)	35	6 99
	feeding on irrigated fields (and headlands canal banks) (G)	35	6 99
	draught animal (V)	42	8 38

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 31

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	334	100 00
SHEEP	drinking from river bed or river bank (I)	1888	100 00
GOAT	drinking from river bed or river bank (I)	1097	100 00
CAMEL	drinking from river bed or river bank (I)	38	100 00
DONKEY	drinking from river bed or river bank (I)	308	100 00

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SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 34

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	845	100 00
SHEEP	feeding on range (A)	22356	91 84
	drinking from river bed or river bank (I)	816	3 35
	feeding close to night enclosure and dwellings (K)	1171	4 81
GOAT	feeding on range (A)	34157	91 07
	drinking from river bed or river bank (I)	1468	3 91
	feeding close to night enclosure and dwellings (K)	1882	5 02
CAMEL	feeding on range (A)	3509	95 35
	feeding close to night enclosure and dwellings (K)	87	2 36
	draught animal (V)	84	2 28
DONKEY	feeding on range (A)	667	74 61
	feeding close to night enclosure and dwellings (K)	227	25 39

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 33

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	37738	92 94
	feeding close to night enclosure and dwellings (K)	2866	7 06
GOAT	feeding on range (A)	46738	90 52
	feeding close to night enclosure and dwellings (K)	4896	9 48
CAMEL	feeding on range (A)	6645	99 43
	feeding close to night enclosure and dwellings (K)	38	0 57
DONKEY	feeding on range (A)	76	23 03
	feeding close to night enclosure and dwellings (K)	219	66 36
	draught animal (V)	35	10 61

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SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 36

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	5963	48 26	
	feeding on fallow rainfed cropping (B)	3440	27 84	
	feeding on abandoned rainfed fields (C)	274	2 22	
	feeding on enclosed land (D)	269	2 18	
	feeding on fallow irrigated fields (E)	1353	10 95	
	feeding on irrigated fields (and headlands canal banks) (G)	414	3 35	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	230	1 86	
	feeding close to night enclosure and dwellings (K)	90	0 73	
	feeding on receding flood cropping (river bank) (M)	322	2 61	
	SHEEP	feeding on range (A)	22860	70 98
		feeding on fallow rainfed cropping (B)	3293	10 22
feeding on abandoned rainfed fields (C)		16	0 05	
feeding on enclosed land (D)		10	0 03	
feeding on fallow irrigated fields (E)		4079	12 66	
feeding on abandoned irrigated fields (F)		966	3 00	
feeding close to night enclosure and dwellings (K)		882	2 74	
feeding on receding flood cropping (river bank) (M)		102	0 32	
GOAT	feeding on range (A)	43691	84 02	
	feeding on fallow rainfed cropping (B)	3212	6 18	
	feeding on abandoned rainfed fields (C)	71	0 14	
	feeding on enclosed land (D)	9	0 02	
	feeding on fallow irrigated fields (E)	3611	6 94	
	feeding on abandoned irrigated fields (F)	423	0 81	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	0 02	
	feeding close to night enclosure and dwellings (K)	971	1 87	
	feeding on receding flood cropping (river bank) (M)	6	0 01	
CAMEL	feeding on range (A)	6983	90 92	
	feeding on fallow rainfed cropping (B)	292	3 80	
	feeding on enclosed land (D)	52	0 68	
	feeding on fallow irrigated fields (E)	94	1 22	
	feeding on abandoned irrigated fields (F)	61	0 79	
	feeding on receding flood cropping (river bank) (M)	198	2 58	
DONKEY	feeding on range (A)	128	8 73	
	feeding on fallow rainfed cropping (B)	272	18 55	
	feeding on fallow irrigated fields (E)	898	61 26	
	feeding close to night enclosure and dwellings (K)	7	0 48	
	feeding on receding flood cropping (river bank) (M)	159	10 85	
	draught animal (V)	2	0 14	

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 35

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	drinking from river bed or river bank (I)	632	100 00
SHEEP	drinking from river bed or river bank (I)	2613	100 00
GOAT	drinking from river bed or river bank (I)	6821	100 00
CAMEL	drinking from river bed or river bank (I)	1864	100 00
DONKEY	drinking from river bed or river bank (I)	19	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 38

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	8126	65 15
	feeding on fallow rainfed cropping (B)	284	2 28
	feeding on enclosed land (D)	1234	9 89
	feeding close to night enclosure and dwellings (K)	220	1 76
	treking (to or from water) (W)	2609	20 92
SHEEP	feeding on range (A)	66099	93 51
	drinking at well (J)	883	1 25
	feeding close to night enclosure and dwellings (K)	2232	3 16
	treking (to or from water) (W)	1471	2 08
GOAT	feeding on range (A)	112240	89 86
	drinking at well (J)	6472	5 18
	feeding close to night enclosure and dwellings (K)	3445	2 76
	treking (to or from water) (W)	2746	2 20
CAMEL	feeding on range (A)	46845	86 42
	feeding on fallow rainfed cropping (B)	236	0 44
	drinking at well (J)	2002	3 69
	feeding close to night enclosure and dwellings (K)	774	1 43
	draught animal (V)	88	0 16
	treking (to or from water) (W)	3331	6 15
	drinking from spring (X)	796	1 47
carrying aqallo for nomadic movement (Y)	134	0 25	
DONKEY	feeding on range (A)	29	19 73
	draught animal (V)	118	80 27

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 37

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	8435	92 95
	feeding on enclosed land (D)	199	2 19
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	441	4 86
SHEEP	feeding on range (A)	71471	94 47
	feeding on enclosed land (D)	415	0 55
	feeding close to night enclosure and dwellings (K)	3769	4 98
GOAT	feeding on range (A)	120468	94 53
	feeding on enclosed land (D)	1105	0 87
	feeding close to night enclosure and dwellings (K)	5870	4 61
CAMEL	feeding on range (A)	31577	94 31
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	268	0 80
	feeding close to night enclosure and dwellings (K)	1001	2 99
	draught animal (V)	100	0 30
	drinking from spring (X)	535	1 60
DONKEY	feeding on range (A)	356	50 78
	feeding on enclosed land (D)	88	12 55
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	46	6 56
	feeding close to night enclosure and dwellings (K)	182	25 96
	draught animal (V)	29	4 14

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SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 40

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1433	38 80
	feeding on fallow rainfed cropping (B)	213	5 77
	feeding on fallow irrigated fields (E)	642	17 38
	feeding on abandoned irrigated fields (F)	31	0 84
	feeding on irrigated fields (and headlands canal banks) (G)	260	7 04
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	333	9 02
	drinking from river bed or river bank (I)	101	2 73
	feeding close to night enclosure and dwellings (K)	32	0 87
	treking (to or from water) (W)	648	17 55
	SHEEP	feeding on range (A)	2300
feeding on fallow rainfed cropping (B)		589	13 96
feeding on abandoned rainfed fields (C)		350	8 29
feeding on fallow irrigated fields (E)		515	12 20
feeding on abandoned irrigated fields (F)		23	0 55
feeding on irrigated fields (and headlands canal banks) (G)		90	2 13
feeding close to night enclosure and dwellings (K)		67	1 59
treking (to or from water) (W)		286	6 78
GOAT	feeding on range (A)	3260	50 60
	feeding on fallow rainfed cropping (B)	1187	18 42
	feeding on abandoned rainfed fields (C)	329	5 11
	feeding on fallow irrigated fields (E)	1157	17 96
	feeding on abandoned irrigated fields (F)	17	0 26
	feeding on irrigated fields (and headlands canal banks) (G)	44	0 68
	feeding close to night enclosure and dwellings (K)	91	1 41
	feeding on receding flood cropping (river bank) (N)	15	0 23
	treking (to or from water) (W)	343	5 32
CAMEL	feeding on range (A)	670	69 36
	feeding on fallow rainfed cropping (B)	41	4 24
	feeding on abandoned rainfed fields (C)	185	19 15
	feeding on fallow irrigated fields (E)	30	3 11
	treking (to or from water) (W)	40	4 14
DONKEY	feeding on range (A)	43	34 96
	feeding on fallow rainfed cropping (B)	30	24 39
	feeding on fallow irrigated fields (E)	38	30 89
	feeding on irrigated fields (and headlands canal banks) (G)	2	1 63
	draught animal (V)	7	5 69
	treking (to or from water) (W)	3	2 44

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 39

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on fallow rainfed cropping (B)	201	18 01
	drinking from river bed or river bank (I)	915	81 99
SHEEP	feeding on range (A)	16	1 31
	feeding on fallow rainfed cropping (B)	239	19 61
	drinking from river bed or river bank (I)	964	79 08
GOAT	feeding on range (A)	65	3 10
	feeding on fallow rainfed cropping (B)	364	17 33
	drinking from river bed or river bank (I)	1671	79 57
CAMEL	drinking from river bed or river bank (I)	1715	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 42

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	15330	36 82
	feeding on fallow rainfed cropping (B)	18224	43 77
	feeding on abandoned rainfed fields (C)	509	1 22
	feeding on enclosed land (D)	511	1 23
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	601	1 44
	feeding close to night enclosure and dwellings (K)	1028	2 47
	treking (to or from water) (W)	2557	6 14
	drinking from pool (Z)	2874	6 90
	SHEEP	feeding on range (A)	35208
feeding on fallow rainfed cropping (B)		4564	8 32
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		576	1 05
feeding close to night enclosure and dwellings (K)		5778	10 53
feeding on land cleared for rainfed cropping (L)		544	0 99
drinking from pool (Z)		8177	14 91
GOAT		feeding on range (A)	40696
	feeding on fallow rainfed cropping (B)	5065	7 53
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1146	1 70
	feeding close to night enclosure and dwellings (K)	9630	14 31
	feeding on land cleared for rainfed cropping (L)	1233	1 83
	drinking from pool (Z)	9516	14 14
CAMEL	feeding on range (A)	29556	83 44
	feeding on fallow rainfed cropping (B)	1424	4 02
	feeding on enclosed land (D)	28	0 08
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	56	0 16
	feeding close to night enclosure and dwellings (K)	779	2 20
	draught animal (V)	28	0 08
	treking (to or from water) (W)	976	2 76
	drinking from pool (Z)	2573	7 26
DONKEY	feeding on range (A)	187	20 09
	feeding on fallow rainfed cropping (B)	56	6 02
	feeding on abandoned rainfed fields (C)	94	10 10
	feeding close to night enclosure and dwellings (K)	535	57 47
	draught animal (V)	59	6 34

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 41

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	10438	51 63	
	feeding on fallow rainfed cropping (B)	3796	18 78	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	844	4 17	
	feeding close to night enclosure and dwellings (K)	444	2 20	
	treking (to or from water) (W)	3222	15 94	
	drinking from spring (X)	1474	7 29	
	SHEEP	feeding on range (A)	28288	72 90
		feeding on fallow rainfed cropping (B)	3924	10 11
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		104	0 27	
feeding close to night enclosure and dwellings (K)		6038	15 56	
treking (to or from water) (W)		452	1 16	
GOAT	feeding on range (A)	44824	73 65	
	feeding on fallow rainfed cropping (B)	5760	9 46	
	feeding close to night enclosure and dwellings (K)	8148	13 39	
	treking (to or from water) (W)	2131	3 50	
CAMEL	feeding on range (A)	29504	92 87	
	feeding on fallow rainfed cropping (B)	28	0 09	
	feeding close to night enclosure and dwellings (K)	587	1 85	
	draught animal (V)	306	0 96	
	treking (to or from water) (W)	1037	3 26	
	carrying aqallo for nomadic movement (Y)	306	0 96	
DONKEY	feeding on range (A)	144	23 76	
	feeding close to night enclosure and dwellings (K)	462	76 24	

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SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 44

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	394	6 43
	feeding on fallow rainfed cropping (B)	4966	81 05
	treking (to or from water) (M)	767	12 52
SHEEP	feeding on range (A)	431	23 00
	feeding on fallow rainfed cropping (B)	2113	77 00
GOAT	feeding on range (A)	844	24 98
	feeding on fallow rainfed cropping (B)	2535	75 02
CAMEL	feeding on range (A)	13237	99 75
	feeding on fallow rainfed cropping (B)	33	0 25
DOWKEY	feeding on fallow rainfed cropping (B)	99	73 88
	draught animal (V)	35	26 12

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 43

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on cut browse (0)	901	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 46

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	31692	96 65
	feeding close to night enclosure and dwellings (K)	178	0 54
	treking (to or from water) (W)	921	2 81
SHEEP	feeding on range (A)	4811	91 36
	feeding close to night enclosure and dwellings (K)	455	8 64
GOAT	feeding on range (A)	12995	91 03
	feeding close to night enclosure and dwellings (K)	1281	8 97
CAMEL	feeding on range (A)	10926	97 06
	draught animal (V)	331	2 94
DONKEY	feeding on range (A)	776	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 45

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1777	31 65
	feeding on fallow rainfed cropping (B)	1223	21 78
	feeding on abandoned rainfed fields (C)	1204	21 44
	feeding on cut browse (O)	470	8 37
	treking (to or from water) (W)	941	16 76
SHEEP	feeding on range (A)	1239	84 80
	feeding on fallow rainfed cropping (B)	78	4 79
	drinking from river bed or river bank (I)	152	10 40
GOAT	feeding on range (A)	7117	95 83
	feeding on fallow rainfed cropping (B)	264	3 55
	drinking from river bed or river bank (I)	46	0 62
CAMEL	feeding on range (A)	1301	89 48
	feeding on fallow irrigated fields (E)	13	0 89
	treking (to or from water) (W)	140	9 63
DONKEY	feeding on range (A)	31	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 48

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1404	92 86
	drinking from river bed or river bank (I)	108	7 14
SHEEP	feeding on range (A)	1106	92 71
	drinking from river bed or river bank (I)	87	7 29
GOAT	feeding on range (A)	2212	81 99
	drinking from river bed or river bank (I)	486	18 01

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 47

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	13355	65 62
	feeding on fallow rainfed cropping (B)	201	0 99
	feeding close to night enclosure and dwellings (K)	2221	10 91
	trading (to or from water) (W)	4574	22 48
SHEEP	feeding on range (A)	5077	66 88
	feeding on fallow rainfed cropping (B)	59	0 78
	feeding close to night enclosure and dwellings (K)	2455	32 34
GOAT	feeding on range (A)	12419	72 89
	feeding on fallow rainfed cropping (B)	325	1 91
	feeding close to night enclosure and dwellings (K)	4293	25 20
CAMEL	feeding on range (A)	28128	87 79
	feeding on fallow rainfed cropping (B)	1193	3 72
	feeding close to night enclosure and dwellings (K)	691	2 16
	draught animal (V)	30	0 09
	trading (to or from water) (W)	1999	6 24
DONKEY	feeding on range (A)	138	41 07
	feeding close to night enclosure and dwellings (K)	198	58 93

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 50

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	25	51 02
	treking (to or from water) (W)	24	48 98

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 49

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	23263	74 58
	feeding on fallow rainfed cropping (B)	1578	5 06
	treking (to or from water) (W)	6349	20 36
SHEEP	feeding on range (A)	445	80 91
	treking (to or from water) (W)	105	19 09
GOAT	feeding on range (A)	792	94 96
	treking (to or from water) (W)	42	5 04
CAMEL	feeding on range (A)	1905	95 82
	draught animal (V)	83	4 18
DOWKEY	feeding on range (A)	436	87 73
	feeding on fallow rainfed cropping (B)	61	12 27

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SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 52

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	22179	74 84
	treking (to or from water) (W)	7457	25 16
SHEEP	feeding on range (A)	1239	64 40
	feeding close to night enclosure and dwellings (K)	685	35 60
GOAT	feeding on range (A)	906	36 87
	feeding close to night enclosure and dwellings (K)	1551	63 13
CAMEL	feeding on range (A)	12056	94 45
	feeding close to night enclosure and dwellings (K)	708	5 55
DONKEY	treking (to or from water) (W)	885	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 51

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	25263	100 00
SHEEP	feeding on range (A)	405	100 00
GOAT	feeding on range (A)	787	100 00
CAMEL	feeding on range (A)	3621	81 98
	feeding close to night enclosure and dwellings (K)	796	18 02

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 54

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	19521	29 56	
	feeding on fallow rainfed cropping (B)	25771	37 70	
	feeding on fallow irrigated fields (E)	11897	17 40	
	feeding on abandoned irrigated fields (F)	524	0 77	
	feeding on irrigated fields (and headlands canal banks) (G)	1798	2 63	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1019	1 49	
	feeding on land cleared for rainfed cropping (L)	895	1 31	
	feeding on land cleared for irrigation (O)	173	0 25	
	feeding on irrigated banana plantations(P)	274	0 40	
	drinking from canal (S)	2391	3 50	
	feeding on fallow irrigated sugar plantations (T)	1216	1 78	
	feeding on irrigated sugar plantations (U)	1506	2 20	
	treking (to or from water) (W)	1373	2 01	
	SHEEP	feeding on range (A)	4206	47 56
		feeding on fallow rainfed cropping (B)	985	11 14
feeding on abandoned rainfed fields (C)		172	1 94	
feeding on fallow irrigated fields (E)		1786	20 19	
feeding on abandoned irrigated fields (F)		111	1 26	
feeding on irrigated fields (and headlands canal banks) (G)		89	1 01	
feeding on land cleared for irrigation (O)		208	2 35	
feeding on irrigated banana plantations(P)		219	2 48	
feeding on irrigated sugar plantations (U)		1068	12 08	
GOAT	feeding on range (A)	1338	15 92	
	feeding on fallow rainfed cropping (B)	1129	13 43	
	feeding on abandoned rainfed fields (C)	159	1 89	
	feeding on fallow irrigated fields (E)	3830	45 56	
	feeding on abandoned irrigated fields (F)	331	3 94	
	feeding on irrigated fields (and headlands canal banks) (G)	21	0 25	
	feeding on land cleared for irrigation (O)	232	2 76	
	feeding on irrigated banana plantations(P)	300	3 57	
	feeding on irrigated sugar plantations (U)	1066	12 68	
CAMEL	feeding on range (A)	556	31 48	
	feeding on fallow rainfed cropping (B)	11	0 62	
	drinking at well (J)	1157	65 52	
	drinking from canal (S)	42	2 38	
DONKEY	feeding on abandoned irrigated fields (F)	32	60 38	
	drinking from canal (S)	21	39 62	

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 53

	ACTIVITY	ESTIMATE	PERCENTAGE
CAMEL	drinking from river bed or river bank (I)	19	100 00

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SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 56

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	104276	78 64
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	3030	2 29
	feeding close to night enclosure and dwellings (K)	14234	10 73
	treking (to or from water) (W)	11059	8 34
SHEEP	feeding on range (A)	9760	75 49
	feeding close to night enclosure and dwellings (K)	3169	24 51
GOAT	feeding on range (A)	17850	75 09
	feeding close to night enclosure and dwellings (K)	5923	24 91
CAMEL	feeding on range (A)	27068	97 04
	feeding close to night enclosure and dwellings (K)	670	2 40
	draught animal (V)	157	0 56
DONKEY	feeding on range (A)	449	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 55

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1002	21 14
	feeding on fallow rainfed cropping (B)	1754	37 00
	feeding on fallow irrigated fields (E)	747	15 76
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	306	6 46
	drinking at well (J)	17	0 36
	treking (to or from water) (W)	914	19 28
SHEEP	feeding on range (A)	263	21 09
	feeding on fallow rainfed cropping (B)	764	61 27
	feeding close to night enclosure and dwellings (K)	220	17 64
GOAT	feeding on range (A)	456	26 19
	feeding on fallow rainfed cropping (B)	825	47 39
	feeding close to night enclosure and dwellings (K)	460	26 42
CAMEL	feeding on range (A)	633	100 00

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SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 58

ACTIVITY	ESTIMATE	PERCENTAGE
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SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 57

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	14124	77 97
	feeding on fallow rainfed cropping (B)	2744	15 15
	feeding close to night enclosure and dwellings (K)	612	3 38
	treking (to or from water) (U)	634	3 50
SHEEP	feeding on range (A)	25443	80 18
	feeding on fallow rainfed cropping (B)	2672	8 42
	feeding close to night enclosure and dwellings (K)	3619	11 40
GOAT	feeding on range (A)	39186	69 70
	feeding on fallow rainfed cropping (B)	9600	17 08
	feeding close to night enclosure and dwellings (K)	7436	13 23
CAMEL	feeding on range (A)	26072	85 90
	feeding on fallow rainfed cropping (B)	123	0 41
	drinking at well (J)	2538	8 36
	feeding close to night enclosure and dwellings (K)	804	2 65
	draught animal (V)	813	2 68
DONKEY	feeding on range (A)	35	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 60

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2143	20 75
	feeding on fallow rainfed cropping (B)	7080	68 54
	feeding on abandoned rainfed fields (C)	20	0 19
	feeding on abandoned irrigated fields (F)	353	3 42
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	617	5 97
	feeding close to night enclosure and dwellings (K)	116	1 12
SHEEP	feeding on range (A)	1644	42 78
	feeding on fallow rainfed cropping (B)	1379	35 08
	feeding on abandoned irrigated fields (F)	820	21 34
GOAT	feeding on range (A)	1159	50 04
	feeding on fallow rainfed cropping (B)	719	31 04
	feeding on abandoned irrigated fields (F)	438	18 91
CAMEL	feeding on range (A)	22	5 02
	feeding on fallow rainfed cropping (B)	402	91 78
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	2 05
	treking (to or from water) (W)	5	1 14
DONKEY	feeding on range (A)	1	9 09
	feeding on fallow rainfed cropping (B)	10	90 91

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 59

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	3613	12 49	
	feeding on fallow rainfed cropping (B)	16985	58 73	
	feeding on abandoned rainfed fields (C)	461	1 59	
	feeding on fallow irrigated fields (E)	2178	7 53	
	feeding on abandoned irrigated fields (F)	382	1 32	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	416	1 44	
	drinking at well (J)	2560	8 85	
	treking (to or from water) (W)	2325	8 04	
	SHEEP	feeding on range (A)	988	22 80
		feeding on fallow rainfed cropping (B)	2260	52 15
feeding on abandoned rainfed fields (C)		96	2 22	
feeding on fallow irrigated fields (E)		905	20 88	
feeding close to night enclosure and dwellings (K)		85	1 96	
GOAT	feeding on range (A)	1178	24 13	
	feeding on fallow rainfed cropping (B)	3167	64 88	
	feeding on abandoned rainfed fields (C)	170	3 48	
	feeding on fallow irrigated fields (E)	288	5 90	
	feeding close to night enclosure and dwellings (K)	78	1 60	
CAMEL	feeding on range (A)	510	34 02	
	feeding on fallow rainfed cropping (B)	849	56 64	
	drinking at well (J)	140	9 34	
DONKEY	feeding on range (A)	38	25 00	
	feeding on fallow rainfed cropping (B)	10	6 58	
	draught animal (V)	104	68 42	

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 62

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	10296	53 60
	feeding on fallow rainfed cropping (B)	4652	24 22
	feeding on abandoned rainfed fields (C)	89	0 46
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	3851	20 05
	feeding close to night enclosure and dwellings (K)	321	1 67
SHEEP	feeding on range (A)	3503	82 52
	feeding on fallow rainfed cropping (B)	279	6 57
	feeding close to night enclosure and dwellings (K)	463	10 91
GOAT	feeding on range (A)	8233	81 35
	feeding on fallow rainfed cropping (B)	637	6 29
	feeding on abandoned rainfed fields (C)	121	1 20
	feeding close to night enclosure and dwellings (K)	1130	11 16
CAMEL	feeding on range (A)	2915	91 81
	feeding close to night enclosure and dwellings (K)	260	8 19
DONKEY	feeding on fallow rainfed cropping (B)	61	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 61

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	35868	81 99
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	158	0 36
	feeding close to night enclosure and dwellings (K)	245	0 56
	treking (to or from water) (W)	7478	17 09
SHEEP	feeding on range (A)	3795	88 83
	feeding close to night enclosure and dwellings (K)	477	11 17
GOAT	feeding on range (A)	10357	88 71
	feeding close to night enclosure and dwellings (K)	1318	11 29
CAMEL	feeding on range (A)	11533	97 22
	drinking from war (H)	101	0 85
	treking (to or from water) (W)	229	1 93
DONKEY	feeding on range (A)	247	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 64

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1504	56 12
	feeding on irrigated fields (and headlands canal banks) (G)	369	13 77
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	807	30 11
SHEEP	feeding on range (A)	73673	89 77
	feeding on enclosed land (D)	22	0 03
	feeding on irrigated fields (and headlands canal banks) (G)	699	0 85
	drinking from river bed or river bank (I)	2703	3 29
	feeding close to night enclosure and dwellings (K)	4973	6 06
GOAT	feeding on range (A)	90350	88 80
	feeding on enclosed land (D)	44	0 04
	feeding on irrigated fields (and headlands canal banks) (G)	224	0 22
	drinking from river bed or river bank (I)	2565	2 52
	feeding close to night enclosure and dwellings (K)	8566	8 42
CAMEL	feeding on range (A)	12376	95 86
	feeding on fallow irrigated fields (E)	232	1 80
	drinking from river bed or river bank (I)	38	0 29
	feeding close to night enclosure and dwellings (K)	181	1 40
	draught animal (V)	84	0 65
DONKEY	feeding on range (A)	937	46 11
	feeding on fallow rainfed cropping (B)	154	7 58
	feeding on fallow irrigated fields (E)	41	2 02
	feeding on abandoned irrigated fields (F)	35	1 72
	feeding on irrigated fields (and headlands canal banks) (G)	35	1 72
	drinking from river bed or river bank (I)	308	15 16
	feeding close to night enclosure and dwellings (K)	445	21 90
	draught animal (V)	77	3 79

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 63

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	146	38 73
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	231	61 27
SHEEP	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	313	100 00

SECOND JILAL SURVEY REGION 65 (cont)

		514	22 01
DONKEY	feeding on range (A)	272	11 65
	feeding on fallow rainfed cropping (B)	88	3 77
	feeding on enclosed land (D)	898	38 46
	feeding on fallow irrigated fields (E)	46	1 97
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	19	0 81
	drinking from river bed or river bank (I)	189	8 09
	feeding close to night enclosure and dwellings (K)	159	6 81
	feeding on receding flood cropping (river bank) (N)	150	6 42
	draught animal (V)		

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 65

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	22525	65 22	
	feeding on fallow rainfed cropping (B)	3725	10 78	
	feeding on abandoned rainfed fields (C)	274	0 79	
	feeding on enclosed land (D)	1703	4 93	
	feeding on fallow irrigated fields (E)	1353	3 92	
	feeding on irrigated fields (and headlands canal banks) (G)	414	1 20	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	671	1 94	
	drinking from river bed or river bank (I)	632	1 83	
	feeding close to night enclosure and dwellings (K)	311	0 90	
	feeding on receding flood cropping (river bank) (N)	322	0 93	
	treking (to or from water) (W)	2609	7 55	
	SHEEP	feeding on range (A)	160430	88 56
		feeding on fallow rainfed cropping (B)	3293	1 82
feeding on abandoned rainfed fields (C)		16	0 01	
feeding on enclosed land (D)		425	0 23	
feeding on fallow irrigated fields (E)		4079	2 25	
feeding on abandoned irrigated fields (F)		966	0 53	
drinking from river bed or river bank (I)		2613	1 44	
drinking at well (J)		883	0 49	
feeding close to night enclosure and dwellings (K)		6883	3 80	
feeding on receding flood cropping (river bank) (N)		102	0 06	
treking (to or from water) (W)		1471	0 81	
GOAT	feeding on range (A)	276399	88 83	
	feeding on fallow rainfed cropping (B)	3212	1 03	
	feeding on abandoned rainfed fields (C)	71	0 02	
	feeding on enclosed land (D)	1114	0 36	
	feeding on fallow irrigated fields (E)	3611	1 16	
	feeding on abandoned irrigated fields (F)	423	0 14	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	0 00	
	drinking from river bed or river bank (I)	6821	2 19	
	drinking at well (J)	6472	2 08	
	feeding close to night enclosure and dwellings (K)	10285	3 31	
	feeding on receding flood cropping (river bank) (N)	6	0 00	
treking (to or from water) (W)	2746	0 88		
CAMEL	feeding on range (A)	85406	87 84	
	feeding on fallow rainfed cropping (B)	528	0 54	
	feeding on enclosed land (D)	52	0 05	
	feeding on fallow irrigated fields (E)	94	0 10	
	feeding on abandoned irrigated fields (F)	61	0 06	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	268	0 28	
	drinking from river bed or river bank (I)	1864	1 92	
	drinking at well (J)	2002	2 06	
	feeding close to night enclosure and dwellings (K)	1775	1 83	
	feeding on receding flood cropping (river bank) (N)	198	0 20	
	draught animal (V)	189	0 19	
	treking (to or from water) (W)	3331	3 43	
	drinking from spring (X)	1332	1 37	
carrying aqallo for nomadic movement (Y)	134	0 14		

SECOND JILAAL SURVEY REGION 66 (cont.)

DONKEY	feeding on range (A)	375	22 60
	feeding on fallow rainfed cropping (B)	85	5 12
	feeding on abandoned rainfed fields (C)	94	5 67
	feeding on fallow irrigated fields (E)	38	2 29
	feeding on irrigated fields (and headlands canal banks) (G)	2	0 12
	feeding close to night enclosure and dwellings (K)	996	60 04
	draught animal (V)	66	3 98
	trekking (to or from water) (W)	3	0 18

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 66

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	27202	40 81
	feeding on fallow rainfed cropping (B)	22434	33 65
	feeding on abandoned rainfed fields (C)	509	0 76
	feeding on enclosed land (D)	511	0 77
	feeding on fallow irrigated fields (E)	642	0 96
	feeding on abandoned irrigated fields (F)	31	0 05
	feeding on irrigated fields (and headlands canal banks) (G)	260	0 39
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1778	2 67
	drinking from river bed or river bank (I)	1016	1 52
	feeding close to night enclosure and dwellings (K)	1504	2 26
	trekking (to or from water) (W)	6427	9 64
	drinking from spring (X)	1474	2 21
	drinking from pool (Z)	2874	4 31
	SHEEP	feeding on range (A)	65813
feeding on fallow rainfed cropping (B)		9317	9 40
feeding on abandoned rainfed fields (C)		350	0 35
feeding on fallow irrigated fields (E)		515	0 52
feeding on abandoned irrigated fields (F)		23	0 02
feeding on irrigated fields (and headlands canal banks) (G)		90	0 09
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		679	0 69
drinking from river bed or river bank (I)		964	0 97
feeding close to night enclosure and dwellings (K)		11883	11 99
feeding on land cleared for rainfed cropping (L)		544	0 55
trekking (to or from water) (W)		738	0 74
drinking from pool (Z)		8177	8 25
GOAT	feeding on range (A)	88845	65 00
	feeding on fallow rainfed cropping (B)	12375	9 05
	feeding on abandoned rainfed fields (C)	329	0 24
	feeding on fallow irrigated fields (E)	1157	0 85
	feeding on abandoned irrigated fields (F)	17	0 01
	feeding on irrigated fields (and headlands canal banks) (G)	44	0 03
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1146	0 84
	drinking from river bed or river bank (I)	1671	1 22
	feeding close to night enclosure and dwellings (K)	17869	13 07
	feeding on land cleared for rainfed cropping (L)	1233	0 90
	feeding on receding flood cropping (river bank) (N)	15	0 01
	trekking (to or from water) (W)	2474	1 81
	drinking from pool (Z)	9516	6 96
CAMEL	feeding on range (A)	59731	85 49
	feeding on fallow rainfed cropping (B)	1492	2 14
	feeding on abandoned rainfed fields (C)	185	0 26
	feeding on enclosed land (D)	28	0 04
	feeding on fallow irrigated fields (E)	30	0 04
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	56	0 08
	drinking from river bed or river bank (I)	1715	2 45
	feeding close to night enclosure and dwellings (K)	1366	1 96
	draught animal (V)	333	0 48
	trekking (to or from water) (W)	2053	2 94
	carrying aqallo for nomadic movement (Y)	306	0 44
	drinking from pool (Z)	2573	3 68

SECOND JILAAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 68

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	72135	82 30
	feeding on fallow rainfed cropping (B)	1578	1 80
	drinking from river bed or river bank (I)	108	0 12
	treking (to or from water) (W)	13830	15 78
SHEEP	feeding on range (A)	3195	78 46
	drinking from river bed or river bank (I)	87	2 14
	feeding close to night enclosure and dwellings (K)	685	16 82
	treking (to or from water) (W)	105	2 58
GOAT	feeding on range (A)	4697	69 32
	drinking from river bed or river bank (I)	486	7 17
	feeding close to night enclosure and dwellings (K)	1551	22 89
	treking (to or from water) (W)	42	0 62
CAMEL	feeding on range (A)	17582	91 72
	feeding close to night enclosure and dwellings (K)	1504	7 85
	draught animal (V)	83	0 43
DOWKEY	feeding on range (A)	436	31 55
	feeding on fallow rainfed cropping (B)	61	4 41
	treking (to or from water) (W)	885	64 04

SECOND JILAAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 67

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	47219	71 78
	feeding on fallow rainfed cropping (B)	6391	9 71
	feeding on abandoned rainfed fields (C)	1204	1 83
	feeding close to night enclosure and dwellings (K)	2400	3 65
	feeding on cut browse (Q)	1371	2 08
	treking (to or from water) (W)	7202	10 95
SHEEP	feeding on range (A)	11758	68 91
	feeding on fallow rainfed cropping (B)	2242	13 14
	drinking from river bed or river bank (I)	152	0 89
	feeding close to night enclosure and dwellings (K)	2910	17 06
GOAT	feeding on range (A)	33375	79 24
	feeding on fallow rainfed cropping (B)	3124	7 42
	drinking from river bed or river bank (I)	46	0 11
	feeding close to night enclosure and dwellings (K)	5574	13 23
CAMEL	feeding on range (A)	53593	92 37
	feeding on fallow rainfed cropping (B)	1226	2 11
	feeding on fallow irrigated fields (E)	13	0 02
	feeding close to night enclosure and dwellings (K)	691	1 19
	draught animal (V)	360	0 62
	treking (to or from water) (W)	2139	3 69
DOWKEY	feeding on range (A)	945	74 00
	feeding on fallow rainfed cropping (B)	99	7 75
	feeding close to night enclosure and dwellings (K)	198	15 51
	draught animal (V)	35	2 74

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 70

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	51920	50 80
	feeding on fallow rainfed cropping (B)	28717	28 10
	feeding on abandoned rainfed fields (C)	570	0 56
	feeding on fallow irrigated fields (E)	2178	2 13
	feeding on abandoned irrigated fields (F)	735	0 72
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	5041	4 93
	drinking at well (J)	2560	2 50
	feeding close to night enclosure and dwellings (K)	691	0 67
	treking (to or from water) (W)	9803	9 59
	SHEEP	feeding on range (A)	9929
feeding on fallow rainfed cropping (B)		3918	23 47
feeding on abandoned rainfed fields (C)		96	0 58
feeding on fallow irrigated fields (E)		905	5 42
feeding on abandoned irrigated fields (F)		820	4 91
feeding close to night enclosure and dwellings (K)		1025	6 14
GOAT	feeding on range (A)	20928	72 18
	feeding on fallow rainfed cropping (B)	4523	15 60
	feeding on abandoned rainfed fields (C)	292	1 01
	feeding on fallow irrigated fields (E)	288	0 99
	feeding on abandoned irrigated fields (F)	438	1 51
	feeding close to night enclosure and dwellings (K)	2527	8 71
CAMEL	feeding on range (A)	14980	88 25
	feeding on fallow rainfed cropping (B)	1251	7 37
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	0 05
	drinking at well (J)	140	0 82
	feeding close to night enclosure and dwellings (K)	260	1 53
	drinking from well (N)	101	0 59
	treking (to or from water) (W)	234	1 38
DONKEY	feeding on range (A)	285	60 64
	feeding on fallow rainfed cropping (B)	81	17 23
	draught animal (V)	104	22 13

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 69

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	138924	62 07
	feeding on fallow rainfed cropping (B)	30269	13 52
	feeding on fallow irrigated fields (E)	12644	5 65
	feeding on abandoned irrigated fields (F)	524	0 23
	feeding on irrigated fields (and headlands canal banks) (G)	1798	0 80
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	4354	1 95
	drinking at well (J)	17	0 01
	feeding close to night enclosure and dwellings (K)	14846	6 63
	feeding on land cleared for rainfed cropping (L)	895	0 40
	feeding on land cleared for irrigation (O)	173	0 08
	feeding on irrigated banana plantations (P)	274	0 12
	drinking from canal (S)	2391	1 07
	feeding on fallow irrigated sugar plantations (T)	1216	0 54
	feeding on irrigated sugar plantations (U)	1506	0 67
treking (to or from water) (W)	13980	6 25	
SHEEP	feeding on range (A)	39672	72 45
	feeding on fallow rainfed cropping (B)	4422	8 08
	feeding on abandoned rainfed fields (C)	172	0 31
	feeding on fallow irrigated fields (E)	1786	3 26
	feeding on abandoned irrigated fields (F)	111	0 20
	feeding on irrigated fields (and headlands canal banks) (G)	89	0 16
	feeding close to night enclosure and dwellings (K)	7008	12 80
	feeding on land cleared for irrigation (O)	208	0 38
	feeding on irrigated banana plantations (P)	219	0 40
	feeding on irrigated sugar plantations (U)	1068	1 95
	GOAT	feeding on range (A)	58829
feeding on fallow rainfed cropping (B)		11553	12 82
feeding on abandoned rainfed fields (C)		159	0 18
feeding on fallow irrigated fields (E)		3830	4 25
feeding on abandoned irrigated fields (F)		331	0 37
feeding on irrigated fields (and headlands canal banks) (G)		21	0 02
feeding close to night enclosure and dwellings (K)		13820	15 33
feeding on land cleared for irrigation (O)		232	0 26
feeding on irrigated banana plantations (P)		300	0 33
feeding on irrigated sugar plantations (U)		1066	1 18
CAMEL		feeding on range (A)	54327
	feeding on fallow rainfed cropping (B)	134	0 22
	drinking from river bed or river bank (I)	19	0 03
	drinking at well (J)	3696	6 09
	feeding close to night enclosure and dwellings (K)	1474	2 43
	drinking from canal (S)	42	0 07
	draught animal (V)	970	1 60
	DONKEY	feeding on range (A)	483
feeding on abandoned irrigated fields (F)		32	5 97
drinking from canal (S)		21	3 92

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 71

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1504	56 12
	feeding on irrigated fields (and headlands canal banks) (G)	369	13 77
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	807	30 11
SHEEP	feeding on range (A)	73673	89 77
	feeding on enclosed land (D)	22	0 03
	feeding on irrigated fields (and headlands canal banks) (G)	699	0 85
	drinking from river bed or river bank (I)	2703	3 29
	feeding close to night enclosure and dwellings (K)	4973	6 06
GOAT	feeding on range (A)	90350	88 80
	feeding on enclosed land (D)	44	0 04
	feeding on irrigated fields (and headlands canal banks) (G)	224	0 22
	drinking from river bed or river bank (I)	2565	2 52
	feeding close to night enclosure and dwellings (K)	8566	8 42
CAMEL	feeding on range (A)	12376	95 86
	feeding on fallow irrigated fields (E)	232	1 80
	drinking from river bed or river bank (I)	38	0 29
	feeding close to night enclosure and dwellings (K)	181	1 40
	draught animal (V)	84	0 65
DONKEY	feeding on range (A)	937	46 11
	feeding on fallow rainfed cropping (B)	154	7 58
	feeding on fallow irrigated fields (E)	41	2 02
	feeding on abandoned irrigated fields (F)	35	1 72
	feeding on irrigated fields (and headlands canal banks) (G)	35	1 72
	drinking from river bed or river bank (I)	308	15 16
	feeding close to night enclosure and dwellings (K)	445	21 90
	draught animal (V)	77	3 79

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 72

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	22525	65 22	
	feeding on fallow rainfed cropping (B)	3725	10 78	
	feeding on abandoned rainfed fields (C)	274	0 79	
	feeding on enclosed land (D)	1703	4 93	
	feeding on fallow irrigated fields (E)	1353	3 92	
	feeding on irrigated fields (and headlands canal banks) (G)	414	1 20	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	671	1 94	
	drinking from river bed or river bank (I)	632	1 83	
	feeding close to night enclosure and dwellings (K)	311	0 90	
	feeding on receding flood cropping (river bank) (M)	322	0 93	
	treking (to or from water) (W)	2609	7 55	
	SHEEP	feeding on range (A)	160430	88 56
		feeding on fallow rainfed cropping (B)	3293	1 82
		feeding on abandoned rainfed fields (C)	16	0 01
feeding on enclosed land (D)		425	0 23	
feeding on fallow irrigated fields (E)		4079	2 25	
feeding on abandoned irrigated fields (F)		966	0 53	
drinking from river bed or river bank (I)		2613	1 44	
drinking at well (J)		883	0 49	
feeding close to night enclosure and dwellings (K)		6883	3 80	
feeding on receding flood cropping (river bank) (M)		102	0 06	
treking (to or from water) (W)		1471	0 81	
GOAT	feeding on range (A)	276399	88 83	
	feeding on fallow rainfed cropping (B)	3212	1 03	
	feeding on abandoned rainfed fields (C)	71	0 02	
	feeding on enclosed land (D)	1114	0 36	
	feeding on fallow irrigated fields (E)	3611	1 16	
	feeding on abandoned irrigated fields (F)	423	0 14	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	0 00	
	drinking from river bed or river bank (I)	6821	2 19	
	drinking at well (J)	6472	2 08	
	feeding close to night enclosure and dwellings (K)	10285	3 31	
	feeding on receding flood cropping (river bank) (M)	6	0 00	
	treking (to or from water) (W)	2746	0 88	
	CAMEL	feeding on range (A)	85406	87 84
feeding on fallow rainfed cropping (B)		528	0 54	
feeding on enclosed land (D)		52	0 05	
feeding on fallow irrigated fields (E)		94	0 10	
feeding on abandoned irrigated fields (F)		61	0 06	
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		268	0 28	
drinking from river bed or river bank (I)		1864	1 92	
drinking at well (J)		2002	2 06	
feeding close to night enclosure and dwellings (K)		1775	1 83	
feeding on receding flood cropping (river bank) (M)		198	0 20	
draught animal (V)		189	0 19	
treking (to or from water) (W)		3331	3 43	
drinking from spring (X)		1332	1 37	
carrying aqallo for nomadic movement (Y)		134	0 14	

SECOND JILAL SURVEY REGION 72 (cont)

	ACTIVITY	ESTIMATE	PERCENTAGE
DONKEY	feeding on range (A)	514	22 01
	feeding on fallow rainfed cropping (B)	272	11 65
	feeding on enclosed land (D)	88	3 77
	feeding on fallow irrigated fields (E)	898	38 46
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	46	1 97
	drinking from river bed or river bank (I)	19	0 81
	feeding close to night enclosure and dwellings (K)	189	8 09
	feeding on receding flood cropping (river bank) (M)	159	6 81
	draught animal (V)	150	6 42

SECOND JILAL SURVEY REGION 73 (cont)

	200213	89 10
CAMEL		
feeding on range (A)	4103	1 83
feeding on fallow rainfed cropping (B)	185	0 08
feeding on abandoned rainfed fields (C)	28	0 01
feeding on enclosed land (D)	43	0 02
feeding on fallow irrigated fields (E)	65	0 03
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1735	0 77
drinking from river bed or river bank (I)	3836	1 71
drinking at well (J)	5295	2 36
feeding close to night enclosure and dwellings (K)	101	0 04
drinking from war (M)	42	0 02
drinking from canal (S)	1747	0 78
draught animal (V)	4426	1 97
treking (to or from water) (W)	306	0 14
carrying aqallo for nomadic movement (Y)	2573	1 15
drinking from pool (Z)		
DOWKEY		
feeding on range (A)	2524	47 40
feeding on fallow rainfed cropping (B)	326	6 12
feeding on abandoned rainfed fields (C)	94	1 77
feeding on fallow irrigated fields (E)	38	0 71
feeding on abandoned irrigated fields (F)	32	0 60
feeding on irrigated fields (and headlands canal banks) (G)	2	0 04
feeding close to night enclosure and dwellings (K)	1194	22 42
drinking from canal (S)	21	0 39
draught animal (V)	206	3 87
treking (to or from water) (W)	888	16 68

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 73

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	337400	61 78
	feeding on fallow rainfed cropping (B)	89389	16 37
	feeding on abandoned rainfed fields (C)	2283	0 42
	feeding on enclosed land (D)	511	0 09
	feeding on fallow irrigated fields (E)	15465	2 83
	feeding on abandoned irrigated fields (F)	1290	0 24
	feeding on irrigated fields (and headlands canal banks) (G)	2058	0 38
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	11173	2 05
	drinking from river bed or river bank (I)	1124	0 21
	drinking at well (J)	2577	0 47
	feeding close to night enclosure and dwellings (K)	19430	3 56
	feeding on land cleared for rainfed cropping (L)	895	0 16
	feeding on land cleared for irrigation (O)	173	0 03
	feeding on irrigated banana plantations(P)	274	0 05
	feeding on cut browse (Q)	1371	0 25
	drinking from canal (S)	2391	0 44
	feeding on fallow irrigated sugar plantations (T)	1216	0 22
	feeding on irrigated sugar plantations (U)	1506	0 28
	treking (to or from water) (W)	51243	9 38
	drinking from spring (X)	1474	0 27
	drinking from pool (Z)	2874	0 53
SHEEP	feeding on range (A)	130367	68 01
	feeding on fallow rainfed cropping (B)	19898	10 38
	feeding on abandoned rainfed fields (C)	618	0 32
	feeding on fallow irrigated fields (E)	3206	1 67
	feeding on abandoned irrigated fields (F)	954	0 50
	feeding on irrigated fields (and headlands canal banks) (G)	179	0 09
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	679	0 35
	drinking from river bed or river bank (I)	1203	0 63
	feeding close to night enclosure and dwellings (K)	23511	12 27
	feeding on land cleared for rainfed cropping (L)	544	0 28
	feeding on land cleared for irrigation (O)	208	0 11
	feeding on irrigated banana plantations(P)	219	0 11
	feeding on irrigated sugar plantations (U)	1068	0 56
	treking (to or from water) (W)	844	0 44
	drinking from pool (Z)	8177	4 27
GOAT	feeding on range (A)	206674	67 82
	feeding on fallow rainfed cropping (B)	31576	10 36
	feeding on abandoned rainfed fields (C)	780	0 26
	feeding on fallow irrigated fields (E)	5276	1 73
	feeding on abandoned irrigated fields (F)	786	0 26
	feeding on irrigated fields (and headlands canal banks) (G)	65	0 02
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1146	0 38
	drinking from river bed or river bank (I)	2203	0 72
	feeding close to night enclosure and dwellings (K)	41339	13 57
	feeding on land cleared for rainfed cropping (L)	1233	0 40
	feeding on receding flood cropping (river bank) (N)	15	0 00
	feeding on land cleared for irrigation (O)	232	0 08
	feeding on irrigated banana plantations(P)	300	0 10
	feeding on irrigated sugar plantations (U)	1066	0 35
	treking (to or from water) (W)	2516	0 83
	drinking from pool (Z)	9516	3 12

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 74

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	215973	81.90
	feeding on fallow rainfed cropping (B)	3796	1.44
	feeding on enclosed land (D)	199	0.08
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	4473	1.70
	feeding close to night enclosure and dwellings (K)	15100	5.73
	treking (to or from water) (W)	22681	8.60
	drinking from spring (X)	1474	0.56
SHEEP	feeding on range (A)	156267	87.02
	feeding on fallow rainfed cropping (B)	3924	2.21
	feeding on enclosed land (D)	415	0.23
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	104	0.06
	feeding close to night enclosure and dwellings (K)	16773	9.43
	treking (to or from water) (W)	452	0.25
GOAT	feeding on range (A)	254019	87.46
	feeding on fallow rainfed cropping (B)	5760	1.98
	feeding on enclosed land (D)	1105	0.38
	feeding close to night enclosure and dwellings (K)	27436	9.45
	treking (to or from water) (W)	2131	0.73
CAMEL	feeding on range (A)	120873	94.90
	feeding on fallow rainfed cropping (B)	28	0.02
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	268	0.21
	feeding close to night enclosure and dwellings (K)	3092	2.43
	drinking from well (M)	101	0.08
	draught animal (V)	894	0.70
	treking (to or from water) (W)	1266	0.99
	drinking from spring (X)	535	0.42
carrying aqallo for nomadic movement (Y)	306	0.24	
DOWKEY	feeding on range (A)	2048	65.89
	feeding on enclosed land (D)	88	2.83
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	46	1.48
	feeding close to night enclosure and dwellings (K)	862	27.73
	draught animal (V)	64	2.06

SECOND JILAL SURVEY REGION 75 (cont)

CAMEL	feeding on range (A)	28039	87 07
	feeding on fallow rainfed cropping (B)	1628	5 06
	feeding on abandoned rainfed fields (C)	185	0 57
	feeding on enclosed land (D)	52	0 16
	feeding on fallow irrigated fields (E)	369	1 15
	feeding on abandoned irrigated fields (F)	61	0 19
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	0 03
	drinking at well (J)	1297	4 03
	feeding close to night enclosure and dwellings (K)	56	0 17
	feeding on receding flood cropping (river bank) (M)	198	0 61
	drinking from canal (S)	42	0 13
	draught animal (V)	83	0 26
	treking (to or from water) (W)	185	0 57
	DONKEY	feeding on range (A)	870
feeding on fallow rainfed cropping (B)		635	21 41
feeding on fallow irrigated fields (E)		977	32 94
feeding on abandoned irrigated fields (F)		66	2 23
feeding on irrigated fields (and headlands canal banks) (G)		37	1 25
feeding close to night enclosure and dwellings (K)		7	0 24
feeding on receding flood cropping (river bank) (M)		159	5 36
drinking from canal (S)		21	0 71
draught animal (V)		191	6 44
treking (to or from water) (W)		3	0 10

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 75

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	59608	34 40	
	feeding on fallow rainfed cropping (B)	63012	36 37	
	feeding on abandoned rainfed fields (C)	1959	1 13	
	feeding on enclosed land (D)	269	0 16	
	feeding on fallow irrigated fields (E)	16818	9 71	
	feeding on abandoned irrigated fields (F)	1290	0 74	
	feeding on irrigated fields (and headlands canal banks) (G)	2840	1 64	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	3957	2 28	
	drinking from river bed or river bank (I)	101	0 06	
	drinking at well (J)	2577	1 49	
	feeding close to night enclosure and dwellings (K)	238	0 14	
	feeding on land cleared for rainfed cropping (L)	895	0 52	
	feeding on receding flood cropping (river bank) (M)	322	0 19	
	feeding on land cleared for irrigation (O)	173	0 10	
	feeding on irrigated banana plantations(P)	274	0 16	
	feeding on cut browse (Q)	470	0 27	
	drinking from canal (S)	2391	1 38	
	feeding on fallow irrigated sugar plantations (T)	1216	0 70	
	feeding on irrigated sugar plantations (U)	1506	0 87	
	treking (to or from water) (W)	13340	7 70	
	SHEEP	feeding on range (A)	48154	64 21
feeding on fallow rainfed cropping (B)		11453	15 27	
feeding on abandoned rainfed fields (C)		634	0 85	
feeding on enclosed land (D)		32	0 04	
feeding on fallow irrigated fields (E)		7285	9 71	
feeding on abandoned irrigated fields (F)		1920	2 56	
feeding on irrigated fields (and headlands canal banks) (G)		878	1 17	
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		313	0 42	
drinking from river bed or river bank (I)		152	0 20	
feeding close to night enclosure and dwellings (K)		2190	2 92	
feeding on receding flood cropping (river bank) (M)		102	0 14	
feeding on land cleared for irrigation (O)		208	0 28	
feeding on irrigated banana plantations(P)		219	0 29	
feeding on irrigated sugar plantations (U)		1068	1 42	
treking (to or from water) (W)		392	0 52	
GOAT		feeding on range (A)	69291	70 03
		feeding on fallow rainfed cropping (B)	13038	13 18
	feeding on abandoned rainfed fields (C)	730	0 74	
	feeding on enclosed land (D)	53	0 05	
	feeding on fallow irrigated fields (E)	8886	8 98	
	feeding on abandoned irrigated fields (F)	1209	1 22	
	feeding on irrigated fields (and headlands canal banks) (G)	289	0 29	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	0 01	
	drinking from river bed or river bank (I)	46	0 05	
	feeding close to night enclosure and dwellings (K)	3388	3 42	
	feeding on receding flood cropping (river bank) (M)	20	0 02	
	feeding on land cleared for irrigation (O)	232	0 23	
	feeding on irrigated banana plantations(P)	300	0 30	
	feeding on irrigated sugar plantations (U)	1064	1 08	
	treking (to or from water) (W)	385	0 39	

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 77

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	84256	59 22	
	feeding on fallow rainfed cropping (B)	26105	18 35	
	feeding on abandoned rainfed fields (C)	598	0 42	
	feeding on enclosed land (D)	1746	1 23	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	4452	3 13	
	feeding close to night enclosure and dwellings (K)	4402	3 09	
	treking (to or from water) (W)	17832	12 53	
	drinking from pool (Z)	2874	2 02	
	SHEEP	feeding on range (A)	158926	81 35
		feeding on fallow rainfed cropping (B)	7575	3 88
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		576	0 29	
drinking from river bed or river bank (I)		816	0 42	
drinking at well (J)		883	0 45	
feeding close to night enclosure and dwellings (K)		16404	8 40	
feeding on land cleared for rainfed cropping (L)		544	0 28	
treking (to or from water) (W)		1471	0 75	
drinking from pool (Z)		8177	4 19	
GOAT		feeding on range (A)	247836	78 55
	feeding on fallow rainfed cropping (B)	15627	4 95	
	feeding on abandoned rainfed fields (C)	121	0 04	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1146	0 36	
	drinking from river bed or river bank (I)	1468	0 47	
	drinking at well (J)	6472	2 05	
	feeding close to night enclosure and dwellings (K)	29367	9 31	
	feeding on land cleared for rainfed cropping (L)	1233	0 39	
	treking (to or from water) (W)	2746	0 87	
	drinking from pool (Z)	9516	3 02	
CAMEL	feeding on range (A)	149082	86 86	
	feeding on fallow rainfed cropping (B)	2976	1 73	
	feeding on enclosed land (D)	28	0 02	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	56	0 03	
	drinking at well (J)	4541	2 65	
	feeding close to night enclosure and dwellings (K)	4102	2 39	
	draught animal (V)	1043	0 61	
	treking (to or from water) (W)	6306	3 67	
	drinking from spring (X)	796	0 46	
	carrying aqallo for nomadic movement (Y)	134	0 08	
drinking from pool (Z)	2573	1 50		
DONKEY	feeding on range (A)	1056	32 12	
	feeding on fallow rainfed cropping (B)	117	3 56	
	feeding on abandoned rainfed fields (C)	94	2 86	
	feeding close to night enclosure and dwellings (K)	959	29 17	
	draught animal (V)	177	5 38	
	treking (to or from water) (W)	885	26 92	

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 76

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1738	38 67
	feeding on fallow rainfed cropping (B)	201	4 47
	drinking from river bed or river bank (I)	1655	36 82
	feeding on cut browse (G)	901	20 04
SHEEP	feeding on range (A)	1122	16 23
	feeding on fallow rainfed cropping (B)	239	3 46
	drinking from river bed or river bank (I)	5552	80 31
GOAT	feeding on range (A)	2277	17 91
	feeding on fallow rainfed cropping (B)	364	2 86
	drinking from river bed or river bank (I)	10075	79 23
CAMEL	drinking from river bed or river bank (I)	3637	100 00
DONKEY	drinking from river bed or river bank (I)	327	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 79

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5963	45 92
	feeding on fallow rainfed cropping (B)	3440	26 49
	feeding on abandoned rainfed fields (C)	274	2 11
	feeding on enclosed land (D)	269	2 07
	feeding on fallow irrigated fields (E)	1353	10 42
	feeding on irrigated fields (and headlands canal banks) (G)	414	3 19
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	230	1 77
	drinking from river bed or river bank (I)	632	4 87
	feeding close to night enclosure and dwellings (K)	90	0 69
	feeding on receding flood cropping (river bank) (M)	322	2 48
	SHEEP	feeding on range (A)	22860
feeding on fallow rainfed cropping (B)		3293	9 46
feeding on abandoned rainfed fields (C)		16	0 05
feeding on enclosed land (D)		10	0 03
feeding on fallow irrigated fields (E)		4079	11 71
feeding on abandoned irrigated fields (F)		966	2 77
drinking from river bed or river bank (I)		2613	7 50
feeding close to night enclosure and dwellings (K)		882	2 53
feeding on receding flood cropping (river bank) (M)		102	0 29
GOAT		feeding on range (A)	43691
	feeding on fallow rainfed cropping (B)	3212	5 46
	feeding on abandoned rainfed fields (C)	71	0 12
	feeding on enclosed land (D)	9	0 02
	feeding on fallow irrigated fields (E)	3611	6 14
	feeding on abandoned irrigated fields (F)	423	0 72
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	0 02
	drinking from river bed or river bank (I)	6821	11 60
	feeding close to night enclosure and dwellings (K)	971	1 65
	feeding on receding flood cropping (river bank) (M)	6	0 01
	CAMEL	feeding on range (A)	6983
feeding on fallow rainfed cropping (B)		292	3 06
feeding on enclosed land (D)		52	0 54
feeding on fallow irrigated fields (E)		94	0 98
feeding on abandoned irrigated fields (F)		61	0 64
drinking from river bed or river bank (I)		1864	19 53
feeding on receding flood cropping (river bank) (M)		198	2 07
DONKEY	feeding on range (A)	128	8 62
	feeding on fallow rainfed cropping (B)	272	18 32
	feeding on fallow irrigated fields (E)	898	60 47
	drinking from river bed or river bank (I)	19	1 28
	feeding close to night enclosure and dwellings (K)	7	0 47
	feeding on receding flood cropping (river bank) (M)	159	10 71
	draught animal (V)	2	0 13

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 78

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	659	35 91
	feeding on irrigated fields (and headlands canal banks) (G)	369	20 11
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	807	43 98
SHEEP	feeding on range (A)	13579	79 30
	feeding on enclosed land (D)	22	0 13
	feeding on irrigated fields (and headlands canal banks) (G)	699	4 08
	drinking from river bed or river bank (I)	1888	11 03
	feeding close to night enclosure and dwellings (K)	936	5 47
GOAT	feeding on range (A)	9455	75 00
	feeding on enclosed land (D)	44	0 35
	feeding on irrigated fields (and headlands canal banks) (G)	224	1 78
	drinking from river bed or river bank (I)	1097	8 70
	feeding close to night enclosure and dwellings (K)	1787	14 17
CAMEL	feeding on range (A)	2222	87 21
	feeding on fallow irrigated fields (E)	232	9 11
	drinking from river bed or river bank (I)	38	1 49
	feeding close to night enclosure and dwellings (K)	56	2 20
DONKEY	feeding on range (A)	194	23 98
	feeding on fallow rainfed cropping (B)	154	19 04
	feeding on fallow irrigated fields (E)	41	5 07
	feeding on abandoned irrigated fields (F)	35	4 33
	feeding on irrigated fields (and headlands canal banks) (G)	35	4 33
	drinking from river bed or river bank (I)	308	38 07
	draught animal (V)	42	5 19

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 81

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2172	17 18
	feeding on fallow rainfed cropping (B)	6190	48 96
	feeding on abandoned rainfed fields (C)	1204	9 52
	feeding on cut browse (O)	1371	10 84
	treking (to or from water) (W)	1707	13 50
SHEEP	feeding on range (A)	1870	44 47
	feeding on fallow rainfed cropping (B)	2183	51 91
	drinking from river bed or river bank (I)	152	3 61
GOAT	feeding on range (A)	7961	73 67
	feeding on fallow rainfed cropping (B)	2799	25 90
	drinking from river bed or river bank (I)	46	0 43
CAMEL	feeding on range (A)	14538	98 74
	feeding on fallow rainfed cropping (B)	33	0 22
	feeding on fallow irrigated fields (E)	13	0 09
	treking (to or from water) (W)	140	0 95
DONKEY	feeding on range (A)	31	18 79
	feeding on fallow rainfed cropping (B)	99	60 00
	draught animal (V)	35	21 21

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 80

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	1433	29 79	
	feeding on fallow rainfed cropping (B)	415	8 63	
	feeding on fallow irrigated fields (E)	642	13 35	
	feeding on abandoned irrigated fields (F)	31	0 64	
	feeding on irrigated fields (and headlands canal banks) (G)	260	5 41	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	333	6 92	
	drinking from river bed or river bank (I)	1016	21 12	
	feeding close to night enclosure and dwellings (K)	32	0 67	
	treking (to or from water) (W)	648	13 47	
	SHEEP	feeding on range (A)	2317	42 59
		feeding on fallow rainfed cropping (B)	828	15 22
feeding on abandoned rainfed fields (C)		350	6 43	
feeding on fallow irrigated fields (E)		515	9 47	
feeding on abandoned irrigated fields (F)		23	0 42	
feeding on irrigated fields (and headlands canal banks) (G)		90	1 65	
drinking from river bed or river bank (I)		964	17 72	
feeding close to night enclosure and dwellings (K)		67	1 23	
treking (to or from water) (W)		286	5 26	
GOAT		feeding on range (A)	3325	38 92
		feeding on fallow rainfed cropping (B)	1551	18 16
	feeding on abandoned rainfed fields (C)	329	3 85	
	feeding on fallow irrigated fields (E)	1157	13 54	
	feeding on abandoned irrigated fields (F)	17	0 20	
	feeding on irrigated fields (and headlands canal banks) (G)	44	0 52	
	drinking from river bed or river bank (I)	1671	19 56	
	feeding close to night enclosure and dwellings (K)	91	1 07	
	feeding on receding flood cropping (river bank) (M)	15	0 18	
	treking (to or from water) (W)	343	4 01	
	CAMEL	feeding on range (A)	670	24 99
feeding on fallow rainfed cropping (B)		41	1 53	
feeding on abandoned rainfed fields (C)		185	6 90	
feeding on fallow irrigated fields (E)		30	1 12	
drinking from river bed or river bank (I)		1715	63 97	
treking (to or from water) (W)		40	1 49	
DONKEY	feeding on range (A)	43	34 96	
	feeding on fallow rainfed cropping (B)	30	24 39	
	feeding on fallow irrigated fields (E)	38	30 89	
	feeding on irrigated fields (and headlands canal banks) (G)	2	1 63	
	draught animal (V)	7	5 69	
	treking (to or from water) (W)	3	2 44	

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 83

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	20524	28 08
	feeding on fallow rainfed cropping (B)	27525	37 65
	feeding on fallow irrigated fields (E)	12644	17 30
	feeding on abandoned irrigated fields (F)	524	0 72
	feeding on irrigated fields (and headlands canal banks) (G)	1798	2 46
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1324	1 81
	drinking at well (J)	17	0 02
	feeding on land cleared for rainfed cropping (L)	895	1 22
	feeding on land cleared for irrigation (O)	173	0 24
	feeding on irrigated banana plantations(P)	274	0 37
	drinking from canal (S)	2391	3 27
	feeding on fallow irrigated sugar plantations (T)	1216	1 66
	feeding on irrigated sugar plantations (U)	1506	2 06
	treking (to or from water) (W)	2287	3 13
SHEEP	feeding on range (A)	4469	44 29
	feeding on fallow rainfed cropping (B)	1749	17 33
	feeding on abandoned rainfed fields (C)	172	1 70
	feeding on fallow irrigated fields (E)	1786	17 70
	feeding on abandoned irrigated fields (F)	111	1 10
	feeding on irrigated fields (and headlands canal banks) (G)	89	0 88
	feeding close to night enclosure and dwellings (K)	220	2 18
	feeding on land cleared for irrigation (O)	208	2 06
	feeding on irrigated banana plantations(P)	219	2 17
	feeding on irrigated sugar plantations (U)	1068	10 58
GOAT	feeding on range (A)	1794	17 68
	feeding on fallow rainfed cropping (B)	1954	19 26
	feeding on abandoned rainfed fields (C)	159	1 57
	feeding on fallow irrigated fields (E)	3830	37 75
	feeding on abandoned irrigated fields (F)	331	3 26
	feeding on irrigated fields (and headlands canal banks) (G)	21	0 21
	feeding close to night enclosure and dwellings (K)	460	4 53
	feeding on land cleared for irrigation (O)	232	2 29
	feeding on irrigated banana plantations(P)	300	2 96
	feeding on irrigated sugar plantations (U)	1066	10 51
CAMEL	feeding on range (A)	1188	49 15
	feeding on fallow rainfed cropping (B)	11	0 46
	drinking from river bed or river bank (I)	19	0 79
	drinking at well (J)	1157	47 87
	drinking from canal (S)	42	1 74
DONKEY	feeding on abandoned irrigated fields (F)	32	60 38
	drinking from canal (S)	21	39 62

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 82

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	24692	75 39
	feeding on fallow rainfed cropping (B)	1578	4 82
	drinking from river bed or river bank (I)	108	0 33
	treking (to or from water) (W)	6373	19 46
SHEEP	feeding on range (A)	1551	88 98
	drinking from river bed or river bank (I)	87	4 99
	treking (to or from water) (W)	105	6 02
GOAT	feeding on range (A)	3004	85 05
	drinking from river bed or river bank (I)	486	13 76
	treking (to or from water) (W)	42	1 19
CAMEL	feeding on range (A)	1905	95 82
	draught animal (V)	83	4 18
DONKEY	feeding on range (A)	436	87 73
	feeding on fallow rainfed cropping (B)	61	12 27

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 85

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	386	6 85
	feeding on fallow rainfed cropping (B)	2238	39 70
	feeding on abandoned rainfed fields (C)	482	8 55
	feeding on fallow irrigated fields (E)	2178	38 64
	feeding on abandoned irrigated fields (F)	353	6 26
SHEEP	feeding on fallow rainfed cropping (B)	5	0 40
	feeding on abandoned rainfed fields (C)	96	7 77
	feeding on fallow irrigated fields (E)	239	19 35
	feeding on abandoned irrigated fields (F)	810	65 59
	feeding close to night enclosure and dwellings (K)	85	6 88
GOAT	feeding on range (A)	60	6 10
	feeding on fallow rainfed cropping (B)	166	16 87
	feeding on abandoned rainfed fields (C)	170	17 28
	feeding on fallow irrigated fields (E)	92	9 35
	feeding on abandoned irrigated fields (F)	418	42 48
	feeding close to night enclosure and dwellings (K)	78	7 93
CAMEL	feeding on range (A)	32	100 00
DONKEY	feeding on fallow rainfed cropping (B)	10	71 43
	draught animal (V)	4	28 57

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 84

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5370	15 98
	feeding on fallow rainfed cropping (B)	21827	64 94
	feeding on abandoned irrigated fields (F)	382	1 14
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1033	3 07
	drinking at well (J)	2560	7 62
	feeding close to night enclosure and dwellings (K)	116	0 35
	treking (to or from water) (W)	2325	6 92
SHEEP	feeding on range (A)	2632	37 91
	feeding on fallow rainfed cropping (B)	3634	52 35
	feeding on fallow irrigated fields (E)	666	9 59
	feeding on abandoned irrigated fields (F)	10	0 14
GOAT	feeding on range (A)	2278	36 66
	feeding on fallow rainfed cropping (B)	3719	59 85
	feeding on fallow irrigated fields (E)	197	3 17
	feeding on abandoned irrigated fields (F)	20	0 32
CAMEL	feeding on range (A)	500	26 25
	feeding on fallow rainfed cropping (B)	1251	65 67
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	0 47
	drinking at well (J)	140	7 35
	treking (to or from water) (W)	5	0 26
DONKEY	feeding on range (A)	38	25 68
	feeding on fallow rainfed cropping (B)	10	6 76
	draught animal (V)	100	67 57

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 100

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	361576	61 94	
	feeding on fallow rainfed cropping (B)	93114	15 95	
	feeding on abandoned rainfed fields (C)	2557	0 44	
	feeding on enclosed land (D)	2214	0 38	
	feeding on fallow irrigated fields (E)	16810	2 88	
	feeding on abandoned irrigated fields (F)	1290	0 22	
	feeding on irrigated fields (and headlands canal banks) (G)	2840	0 49	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	12882	2 21	
	drinking from river bed or river bank (I)	1756	0 30	
	drinking at well (J)	2577	0 44	
	feeding close to night enclosure and dwellings (K)	19740	3 38	
	feeding on land cleared for rainfed cropping (L)	895	0 15	
	feeding on receding flood cropping (river bank) (M)	322	0 06	
	feeding on land cleared for irrigation (O)	173	0 03	
	feeding on irrigated banana plantations(P)	274	0 05	
	feeding on cut browse (Q)	1371	0 23	
	drinking from canal (S)	2391	0 41	
	feeding on fallow irrigated sugar plantations (T)	1216	0 21	
	feeding on irrigated sugar plantations (U)	1506	0 26	
	treking (to or from water) (W)	53853	9 23	
	drinking from spring (X)	1474	0 25	
drinking from pool (Z)	2874	0 49		
SHEEP	feeding on range (A)	364470	80 06	
	feeding on fallow rainfed cropping (B)	23191	5 09	
	feeding on abandoned rainfed fields (C)	634	0 14	
	feeding on enclosed land (D)	446	0 10	
	feeding on fallow irrigated fields (E)	7285	1 60	
	feeding on abandoned irrigated fields (F)	1920	0 42	
	feeding on irrigated fields (and headlands canal banks) (G)	878	0 19	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	992	0 22	
	drinking from river bed or river bank (I)	6519	1 43	
	drinking at well (J)	883	0 19	
	feeding close to night enclosure and dwellings (K)	35367	7 77	
	feeding on land cleared for rainfed cropping (L)	544	0 12	
	feeding on receding flood cropping (river bank) (M)	102	0 02	
	feeding on land cleared for irrigation (O)	208	0 05	
	feeding on irrigated banana plantations(P)	219	0 05	
	feeding on irrigated sugar plantations (U)	1068	0 23	
	treking (to or from water) (W)	2315	0 51	
	drinking from pool (Z)	8177	1 80	
	GOAT	feeding on range (A)	573422	79 90
		feeding on fallow rainfed cropping (B)	34789	4 85
		feeding on abandoned rainfed fields (C)	852	0 12
feeding on enclosed land (D)		1158	0 16	
feeding on fallow irrigated fields (E)		8886	1 24	
feeding on abandoned irrigated fields (F)		1209	0 17	
feeding on irrigated fields (and headlands canal banks) (G)		289	0 04	
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		1154	0 16	
drinking from river bed or river bank (I)		11589	1 61	
drinking at well (J)		6472	0 90	
feeding close to night enclosure and dwellings (K)		60190	8 39	
feeding on land cleared for rainfed cropping (L)		1233	0 17	
feeding on receding flood cropping (river bank) (M)		20	0 00	
feeding on land cleared for irrigation (O)		232	0 03	
feeding on irrigated banana plantations(P)		300	0 04	
feeding on irrigated sugar plantations (U)		1066	0 15	
treking (to or from water) (W)		5262	0 73	
drinking from pool (Z)		9516	1 33	

SECOND JILAL SURVEY REGION 100 (cont)

		297994	89 00
CAMEL	feeding on range (A)	4631	1 38
	feeding on fallow rainfed cropping (B)	185	0 06
	feeding on abandoned rainfed fields (C)	80	0 02
	feeding on enclosed land (D)	369	0 11
	feeding on fallow irrigated fields (E)	61	0 02
	feeding on abandoned irrigated fields (F)	333	0 10
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	3637	1 09
	drinking from river bed or river bank (I)	5838	1 74
	drinking at well (J)	7251	2 17
	feeding close to night enclosure and dwellings (K)	101	0 03
	drinking from war (N)	198	0 06
	feeding on receding flood cropping (river bank) (M)	42	0 01
	drinking from canal (S)	2020	0 60
	draught animal (V)	7757	2 32
	treking (to or from water) (W)	1332	0 40
	drinking from spring (X)	439	0 13
	carrying aqallo for nomadic movement (Y)	2573	0 77
drinking from pool (Z)			
DOWKEY	feeding on range (A)	3975	41 02
	feeding on fallow rainfed cropping (B)	752	7 76
	feeding on abandoned rainfed fields (C)	94	0 97
	feeding on enclosed land (D)	88	0 91
	feeding on fallow irrigated fields (E)	977	10 08
	feeding on abandoned irrigated fields (F)	66	0 68
	feeding on irrigated fields (and headlands canal banks) (G)	37	0 38
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	46	0 47
	drinking from river bed or river bank (I)	327	3 37
	feeding close to night enclosure and dwellings (K)	1828	18 86
	feeding on receding flood cropping (river bank) (M)	159	1 64
	drinking from canal (S)	21	0 22
	draught animal (V)	433	4 47
treking (to or from water) (W)	888	9 16	

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 2

ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE feeding on range (A)	613	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 1

ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE		
feeding on range (A)	8414	36 70
feeding on fallow rainfed cropping (B)	3783	16 50
feeding on abandoned rainfed fields (C)	5	0 02
feeding on enclosed land (D)	1915	8 35
feeding on fallow irrigated fields (E)	1891	8 25
feeding on abandoned irrigated fields (F)	1108	4 83
feeding on irrigated fields (and headlands canal banks) (G)	6	0 03
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	142	0 62
drinking from river bed or river bank (I)	2064	9 00
feeding close to night enclosure and dwellings (K)	1711	7 46
feeding on land cleared for rainfed cropping (L)	14	0 06
feeding on river bank cropping (M)	126	0 55
treking (to or from water) (W)	1748	7 62
SHEEP		
feeding on range (A)	13834	34 38
feeding on fallow rainfed cropping (B)	1655	4 11
feeding on enclosed land (D)	5169	12 85
feeding on fallow irrigated fields (E)	2325	5 78
feeding on abandoned irrigated fields (F)	157	0 39
feeding on irrigated fields (and headlands canal banks) (G)	68	0 17
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	13	0 03
drinking from river bed or river bank (I)	15754	39 15
feeding close to night enclosure and dwellings (K)	1022	2 54
treking (to or from water) (W)	242	0 60
GOAT		
feeding on range (A)	23717	37 90
feeding on fallow rainfed cropping (B)	2812	4 49
feeding on abandoned rainfed fields (C)	88	0 14
feeding on enclosed land (D)	9169	14 65
feeding on fallow irrigated fields (E)	1666	2 66
feeding on abandoned irrigated fields (F)	320	0 51
feeding on irrigated fields (and headlands canal banks) (G)	68	0 11
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	20	0 03
drinking from river bed or river bank (I)	23106	36 92
feeding close to night enclosure and dwellings (K)	1589	2 54
treking (to or from water) (W)	28	0 04
CAMEL		
feeding on range (A)	4165	42 95
feeding on fallow rainfed cropping (B)	595	6 14
feeding on enclosed land (D)	655	6 75
drinking from river bed or river bank (I)	4282	44 16
DONKEY		
feeding on range (A)	424	21 48
feeding on fallow rainfed cropping (B)	279	14 13
feeding on enclosed land (D)	167	8 46
feeding on fallow irrigated fields (E)	215	10 89
feeding on abandoned irrigated fields (F)	29	1 47
drinking from river bed or river bank (I)	761	38 55
feeding close to night enclosure and dwellings (K)	43	2 18
draught animal (V)	45	2 28
treking (to or from water) (W)	11	0 56

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 4

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	8480	78 21
	feeding on fallow rainfed cropping (B)	1115	10 28
	feeding on abandoned rainfed fields (C)	232	2 14
	feeding on fallow irrigated fields (E)	16	0 15
	feeding on abandoned irrigated fields (F)	479	4 42
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	146	1 35
	feeding on rainfed cropland (I)	375	3 46
SHEEP	feeding on range (A)	164	17 15
	feeding on fallow rainfed cropping (B)	470	49 16
	feeding on abandoned rainfed fields (C)	48	5 02
	treking (to or from water) (W)	274	28 66
GOAT	feeding on range (A)	585	19 57
	feeding on fallow rainfed cropping (B)	1378	46 10
	feeding on abandoned rainfed fields (C)	149	4 98
	treking (to or from water) (W)	877	29 34
CAMEL	feeding on range (A)	21	11 41
	feeding on fallow rainfed cropping (B)	163	88 59

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 3

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	6027	28 96
	feeding on fallow rainfed cropping (B)	4308	20 70
	feeding on abandoned rainfed fields (C)	167	0 80
	feeding on enclosed land (D)	200	0 96
	feeding on fallow irrigated fields (E)	90	0 43
	feeding on abandoned irrigated fields (F)	3563	17 12
	feeding on rainfed cropland (I)	672	3 23
	feeding on flooded pasture (Y)	5782	27 79
SHEEP	feeding on range (A)	1381	47 46
	feeding on fallow rainfed cropping (B)	322	11 07
	feeding on abandoned rainfed fields (C)	401	13 78
	feeding on abandoned irrigated fields (F)	806	27 70
GOAT	feeding on range (A)	482	52 74
	feeding on fallow rainfed cropping (B)	101	11 05
	feeding on abandoned rainfed fields (C)	126	13 79
	feeding on abandoned irrigated fields (F)	205	22 43
CAMEL	feeding on range (A)	166	100 00
DONKEY	feeding on range (A)	73	56 59
	feeding on flooded pasture (Y)	56	43 41

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 7

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	7327	64 58
	feeding on fallow rainfed cropping (B)	1675	14 76
	feeding on abandoned rainfed fields (C)	154	1 36
	feeding on fallow irrigated fields (E)	101	0 89
	feeding on abandoned irrigated fields (F)	468	4 12
	feeding close to night enclosure and dwellings (K)	1469	12 95
	treking (to or from water) (W)	10	0 09
	feeding on flooded pasture (Y)	142	1 25
	SHEEP	feeding on range (A)	1768
feeding on fallow rainfed cropping (B)		292	10 98
feeding on enclosed land (D)		44	1 65
feeding on fallow irrigated fields (E)		15	0 56
feeding on abandoned irrigated fields (F)		165	6 21
feeding close to night enclosure and dwellings (K)		155	5 83
treking (to or from water) (W)		220	8 27
GOAT	feeding on range (A)	2525	60 89
	feeding on fallow rainfed cropping (B)	880	21 22
	feeding on enclosed land (D)	69	1 66
	feeding on abandoned irrigated fields (F)	347	8 37
	feeding close to night enclosure and dwellings (K)	242	5 84
	treking (to or from water) (W)	84	2 03
CAMEL	feeding on fallow rainfed cropping (B)	10	100 00
DONKEY	feeding on fallow rainfed cropping (B)	77	90 59
	feeding on abandoned irrigated fields (F)	4	4 71
	draught animal (V)	4	4 71

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 6

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	566	5 59
	feeding on fallow irrigated fields (E)	5242	51 75
	feeding on abandoned irrigated fields (F)	2514	24 82
	feeding on irrigated banana plantations(P)	155	1 53
	treking (to or from water) (W)	1652	16 31
SHEEP	feeding on range (A)	1024	44 81
	feeding on fallow irrigated fields (E)	1001	43 81
	feeding on irrigated banana plantations(P)	260	11 38
GOAT	feeding on range (A)	1031	44 83
	feeding on fallow irrigated fields (E)	1070	46 52
	feeding on irrigated banana plantations(P)	199	8 65

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 9

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	4407	48 21
	feeding on fallow rainfed cropping (B)	1918	20 98
	feeding on abandoned rainfed fields (C)	1120	12 25
	feeding close to night enclosure and dwellings (K)	118	1 29
	treking (to or from water) (W)	1360	14 88
	feeding on flooded pasture (Y)	218	2 38
SHEEP	feeding on range (A)	369	56 34
	feeding on fallow rainfed cropping (B)	143	21 83
	feeding on abandoned rainfed fields (C)	143	21 83
GOAT	feeding on range (A)	431	56 34
	feeding on fallow rainfed cropping (B)	67	8 76
	feeding on abandoned rainfed fields (C)	267	34 90
DONKEY	feeding on fallow rainfed cropping (B)	48	71 64
	feeding on abandoned rainfed fields (C)	19	28 36

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 8

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1007	67 58
	feeding close to night enclosure and dwellings (K)	483	32 42
SHEEP	feeding close to night enclosure and dwellings (K)	486	100 00
GOAT	feeding close to night enclosure and dwellings (K)	846	100 00
DONKEY	feeding on range (A)	54	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 11

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	7121	52 12
	feeding on fallow rainfed cropping (B)	3468	25 38
	feeding on enclosed land (D)	293	2 14
	drinking from river bed or river bank (I)	398	2 91
	feeding close to night enclosure and dwellings (K)	2384	17 45
SHEEP	feeding on range (A)	29641	85 68
	feeding on fallow rainfed cropping (B)	936	2 71
	feeding on enclosed land (D)	869	2 51
	feeding close to night enclosure and dwellings (K)	3149	9 10
GOAT	feeding on range (A)	47417	86 57
	feeding on fallow rainfed cropping (B)	1404	2 56
	feeding on enclosed land (D)	2942	5 37
	feeding close to night enclosure and dwellings (K)	3013	5 50
CAMEL	feeding on range (A)	21001	74 45
	feeding on fallow rainfed cropping (B)	2496	8 85
	feeding on abandoned rainfed fields (C)	405	1 44
	feeding on enclosed land (D)	337	1 19
	feeding close to night enclosure and dwellings (K)	1874	6 64
	treking (to or from water) (W)	1034	3 67
	drinking from spring (X)	1062	3 76
DONKEY	feeding on range (A)	88	10 82
	feeding on enclosed land (D)	56	6 89
	feeding close to night enclosure and dwellings (K)	267	32 84
	draught animal (V)	402	49 45

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 10

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	19415	37 19
	feeding on fallow rainfed cropping (B)	7930	15 19
	feeding on abandoned rainfed fields (C)	238	0 46
	feeding on enclosed land (D)	4959	9 50
	drinking from river bed or river bank (I)	1871	3 58
	feeding close to night enclosure and dwellings (K)	12546	24 03
	treking (to or from water) (W)	5242	10 04
SHEEP	feeding on range (A)	87745	75 81
	feeding on fallow rainfed cropping (B)	5834	5 04
	feeding on abandoned rainfed fields (C)	1134	0 98
	feeding on enclosed land (D)	6918	5 98
	drinking from river bed or river bank (I)	4644	4 01
feeding close to night enclosure and dwellings (K)	9473	8 18	
GOAT	feeding on range (A)	161334	75 70
	feeding on fallow rainfed cropping (B)	7113	3 34
	feeding on abandoned rainfed fields (C)	2720	1 28
	feeding on enclosed land (D)	15403	7 23
	drinking from river bed or river bank (I)	7386	3 47
	feeding close to night enclosure and dwellings (K)	17781	8 34
	treking (to or from water) (W)	1383	0 65
CAMEL	feeding on range (A)	23600	88 45
	feeding on fallow rainfed cropping (B)	37	0 14
	feeding on enclosed land (D)	413	1 55
	drinking from river bed or river bank (I)	853	3 20
	feeding close to night enclosure and dwellings (K)	866	3 25
	treking (to or from water) (W)	914	3 43
DONKEY	feeding on range (A)	100	13 46
	feeding on fallow rainfed cropping (B)	222	29 88
	feeding on enclosed land (D)	111	14 94
	feeding close to night enclosure and dwellings (K)	215	28 94
	draught animal (V)	66	8 88
	treking (to or from water) (W)	29	3 90

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 13

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	9966	79 89
	feeding on fallow rainfed cropping (B)	325	2 61
	drinking from river bed or river bank (I)	329	2 64
	feeding close to night enclosure and dwellings (K)	1513	12 13
	treking (to or from water) (W)	341	2 73
SHEEP	feeding on range (A)	28517	87 99
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	219	0 68
	drinking from river bed or river bank (I)	548	1 69
	feeding close to night enclosure and dwellings (K)	3125	9 64
GOAT	feeding on range (A)	48498	88 66
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	369	0 67
	drinking from river bed or river bank (I)	1131	2 07
	feeding close to night enclosure and dwellings (K)	4705	8 60
CAMEL	feeding on range (A)	27303	93 51
	feeding on fallow rainfed cropping (B)	202	0 69
	drinking from river bed or river bank (I)	1536	5 26
	feeding close to night enclosure and dwellings (K)	156	0 53
DONKEY	feeding on range (A)	158	82 29
	drinking from river bed or river bank (I)	34	17 71

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 12

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2372	17 81
	feeding on fallow rainfed cropping (B)	6230	46 79
	feeding on abandoned rainfed fields (C)	842	6 32
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	154	1 16
	feeding close to night enclosure and dwellings (K)	3099	23 27
	feeding on land cleared for rainfed cropping (L)	618	4 64
SHEEP	feeding on range (A)	29166	89 40
	feeding on fallow rainfed cropping (B)	850	2 61
	feeding close to night enclosure and dwellings (K)	2608	7 99
GOAT	feeding on range (A)	44319	88 92
	feeding on fallow rainfed cropping (B)	1540	3 09
	feeding close to night enclosure and dwellings (K)	3984	7 99
CAMEL	feeding on range (A)	18476	67 63
	feeding on fallow rainfed cropping (B)	164	0 60
	feeding on abandoned rainfed fields (C)	742	2 72
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	177	0 65
	drinking from river bed or river bank (I)	2751	10 07
	feeding close to night enclosure and dwellings (K)	4437	16 24
DONKEY	treking (to or from water) (W)	573	2 10
	feeding on fallow rainfed cropping (B)	135	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 15

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	38082	86 38
	feeding on fallow rainfed cropping (B)	1427	3 24
	feeding close to night enclosure and dwellings (K)	538	1 22
	feeding on dunes (R)	118	0 27
	treking (to or from water) (W)	3924	8 90
SHEEP	feeding on range (A)	10405	77 10
	feeding on fallow rainfed cropping (B)	400	2 96
	feeding close to night enclosure and dwellings (K)	2532	18 76
	treking (to or from water) (W)	159	1 18
GOAT	feeding on range (A)	15264	77 07
	feeding on fallow rainfed cropping (B)	507	2 56
	feeding close to night enclosure and dwellings (K)	3791	19 14
	feeding on dunes (R)	243	1 23
CAMEL	feeding on range (A)	19038	97 28
	feeding close to night enclosure and dwellings (K)	429	2 19
	treking (to or from water) (W)	104	0 53
DOWKEY	feeding on range (A)	46	34 33
	feeding close to night enclosure and dwellings (K)	65	48 51
	treking (to or from water) (W)	23	17 16

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 14

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	11301	38 77
	feeding on fallow rainfed cropping (B)	2850	9 78
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	217	0 74
	drinking from river bed or river bank (I)	5830	20 00
	feeding close to night enclosure and dwellings (K)	2477	8 50
	feeding on rainfed cropland (T)	6975	22 21
SHEEP	feeding on range (A)	27874	71 72
	feeding on fallow rainfed cropping (B)	563	1 45
	drinking from river bed or river bank (I)	5372	13 82
	feeding close to night enclosure and dwellings (K)	5055	13 01
GOAT	feeding on range (A)	51943	70 94
	feeding on fallow rainfed cropping (B)	339	0 46
	drinking from river bed or river bank (I)	11064	15 11
	feeding close to night enclosure and dwellings (K)	9879	13 49
CAMEL	feeding on range (A)	30228	83 08
	feeding on fallow rainfed cropping (B)	864	2 37
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	268	0 74
	drinking from river bed or river bank (I)	4360	11 98
	feeding close to night enclosure and dwellings (K)	273	0 75
	feeding on rainfed cropland (T)	304	0 84
	treking (to or from water) (W)	88	0 24
DOWKEY	drinking from river bed or river bank (I)	59	30 41
	feeding on rainfed cropland (T)	135	69 59

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 17

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	54044	85 02
	feeding on fallow rainfed cropping (B)	6683	10 51
	feeding on enclosed land (D)	1626	2 56
	feeding close to night enclosure and dwellings (K)	1100	1 73
	feeding on rainfed cropland (T)	89	0 14
	treking (to or from water) (W)	22	0 03
SHEEP	feeding on range (A)	6657	86 93
	feeding close to night enclosure and dwellings (K)	1001	13 07
GOAT	feeding on range (A)	10740	87 99
	feeding close to night enclosure and dwellings (K)	1466	12 01
CAMEL	feeding on range (A)	19924	99 65
	feeding on fallow rainfed cropping (B)	69	0 35

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 16

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	36680	77 33
	feeding on fallow rainfed cropping (B)	2960	6 24
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	124	0 26
	feeding close to night enclosure and dwellings (K)	917	1 93
	treking (to or from water) (W)	6751	14 23
SHEEP	feeding on range (A)	8891	85 85
	feeding close to night enclosure and dwellings (K)	1465	14 15
GOAT	feeding on range (A)	17772	85 85
	feeding close to night enclosure and dwellings (K)	2929	14 15
CAMEL	feeding on range (A)	31051	94 49
	feeding on fallow rainfed cropping (B)	208	0 63
	feeding close to night enclosure and dwellings (K)	1306	3 97
	treking (to or from water) (W)	298	0 91

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 19

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	65924	83 61
	feeding on fallow rainfed cropping (B)	1040	1 32
	feeding close to night enclosure and dwellings (K)	914	1 16
	treking (to or from water) (M)	10967	13 91
SHEEP	feeding on range (A)	16337	87 29
	feeding close to night enclosure and dwellings (K)	2379	12 71
GOAT	feeding on range (A)	26431	87 29
	feeding close to night enclosure and dwellings (K)	3849	12 71
CAMEL	feeding on range (A)	71251	95 21
	feeding close to night enclosure and dwellings (K)	2253	3 01
	draught animals (V)	252	0 34
	treking (to or from water) (M)	1076	1 44
DONKEY	feeding on range (A)	249	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 18

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	37503	96 79
	feeding on fallow rainfed cropping (B)	1018	2 63
	treking (to or from water) (M)	224	0 58
SHEEP	feeding on range (A)	18356	95 65
	feeding close to night enclosure and dwellings (K)	835	4 35
GOAT	feeding on range (A)	48870	94 29
	feeding close to night enclosure and dwellings (K)	2962	5 71
CAMEL	feeding on range (A)	44504	99 20
	feeding close to night enclosure and dwellings (K)	358	0 80

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 21

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	21302	49 64
	feeding on fallow rainfed cropping (B)	6816	15 88
	feeding on abandoned rainfed fields (C)	1357	3 16
	feeding on enclosed land (D)	1915	4 46
	feeding on fallow irrigated fields (E)	1907	4 44
	feeding on abandoned irrigated fields (F)	1587	3 70
	feeding on irrigated fields (and headlands canal banks) (G)	6	0 01
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	288	0 67
	drinking from river bed or river bank (I)	2064	4 81
	feeding close to night enclosure and dwellings (K)	1829	4 26
	feeding on land cleared for rainfed cropping (L)	14	0 03
	feeding on river bank cropping (W)	126	0 29
	feeding on rainfed cropland (T)	375	0 87
	treking (to or from water) (U)	3108	7 24
	feeding on flooded pasture (Y)	218	0 51
	SHEEP	feeding on range (A)	14368
feeding on fallow rainfed cropping (B)		2267	5 42
feeding on abandoned rainfed fields (C)		191	0 46
feeding on enclosed land (D)		5169	12 35
feeding on fallow irrigated fields (E)		2325	5 56
feeding on abandoned irrigated fields (F)		157	0 38
feeding on irrigated fields (and headlands canal banks) (G)		68	0 16
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		13	0 03
drinking from river bed or river bank (I)		15754	37 64
feeding close to night enclosure and dwellings (K)		1022	2 44
treking (to or from water) (U)		516	1 23
GOAT	feeding on range (A)	24733	37 28
	feeding on fallow rainfed cropping (B)	4258	6 42
	feeding on abandoned rainfed fields (C)	505	0 76
	feeding on enclosed land (D)	9169	13 82
	feeding on fallow irrigated fields (E)	1666	2 51
	feeding on abandoned irrigated fields (F)	320	0 48
	feeding on irrigated fields (and headlands canal banks) (G)	68	0 10
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	20	0 03
	drinking from river bed or river bank (I)	23106	34 83
	feeding close to night enclosure and dwellings (K)	1589	2 40
	treking (to or from water) (U)	905	1 36
CAMEL	feeding on range (A)	4186	42 36
	feeding on fallow rainfed cropping (B)	758	7 67
	feeding on enclosed land (D)	655	6 63
	drinking from river bed or river bank (I)	4282	43 34
DONKEY	feeding on range (A)	424	20 77
	feeding on fallow rainfed cropping (B)	327	16 02
	feeding on abandoned rainfed fields (C)	19	0 93
	feeding on enclosed land (D)	167	8 18
	feeding on fallow irrigated fields (E)	215	10 53
	feeding on abandoned irrigated fields (F)	29	1 42
	drinking from river bed or river bank (I)	761	37 29
	feeding close to night enclosure and dwellings (K)	43	2 11
	draught animal (V)	45	2 20
	treking (to or from water) (W)	11	0 54

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 20

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	613	100 00

85

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 23

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1007	67 58
	feeding close to night enclosure and dwellings (K)	483	32 42
SHEEP	feeding close to night enclosure and dwellings (K)	486	100 00
GOAT	feeding close to night enclosure and dwellings (K)	846	100 00
DONKEY	feeding on range (A)	54	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 22

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	13920	32 92
	feeding on fallow rainfed cropping (B)	5983	14 15
	feeding on abandoned rainfed fields (C)	321	0 76
	feeding on enclosed land (D)	200	0 47
	feeding on fallow irrigated fields (E)	5433	12 85
	feeding on abandoned irrigated fields (F)	6546	15 48
	feeding close to night enclosure and dwellings (K)	1469	3 47
	feeding on irrigated banana plantations(P)	155	0 37
	feeding on rainfed cropland (T)	672	1 59
	treking (to or from water) (W)	1662	3 93
	feeding on flooded pasture (Y)	5924	14 01
SHEEP	feeding on range (A)	4173	53 13
	feeding on fallow rainfed cropping (B)	614	7 82
	feeding on abandoned rainfed fields (C)	401	5 11
	feeding on enclosed land (D)	44	0 56
	feeding on fallow irrigated fields (E)	1016	12 94
	feeding on abandoned irrigated fields (F)	971	12 36
	feeding close to night enclosure and dwellings (K)	155	1 97
	feeding on irrigated banana plantations(P)	260	3 31
treking (to or from water) (W)	220	2 80	
GOAT	feeding on range (A)	4037	54 85
	feeding on fallow rainfed cropping (B)	981	13 33
	feeding on abandoned rainfed fields (C)	126	1 71
	feeding on enclosed land (D)	69	0 94
	feeding on fallow irrigated fields (E)	1070	14 54
	feeding on abandoned irrigated fields (F)	552	7 50
	feeding close to night enclosure and dwellings (K)	242	3 29
	feeding on irrigated banana plantations(P)	199	2 70
treking (to or from water) (W)	84	1 14	
CAMEL	feeding on range (A)	166	94 32
	feeding on fallow rainfed cropping (B)	10	5 68
DONKEY	feeding on range (A)	73	34 11
	feeding on fallow rainfed cropping (B)	77	35 98
	feeding on abandoned irrigated fields (F)	4	1 87
	draught animal (V)	4	1 87
	feeding on flooded pasture (Y)	56	26 17

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 25

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	21267	51 09
	feeding on fallow rainfed cropping (B)	3175	7 63
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	217	0 52
	drinking from river bed or river bank (I)	6160	14 80
	feeding close to night enclosure and dwellings (K)	3990	9 59
	feeding on rainfed cropland (T)	6475	15 56
	treking (to or from water) (W)	341	0 82
SHEEP	feeding on range (A)	56391	79 12
	feeding on fallow rainfed cropping (B)	563	0 79
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	219	0 31
	drinking from river bed or river bank (I)	5920	8 31
	feeding close to night enclosure and dwellings (K)	8181	11 48
GOAT	feeding on range (A)	100442	78 51
	feeding on fallow rainfed cropping (B)	339	0 26
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	369	0 29
	drinking from river bed or river bank (I)	12195	9 53
	feeding close to night enclosure and dwellings (K)	14583	11 40
CAMEL	feeding on range (A)	57531	87 72
	feeding on fallow rainfed cropping (B)	1066	1 63
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	268	0 41
	drinking from river bed or river bank (I)	5896	8 99
	feeding close to night enclosure and dwellings (K)	429	0 65
	feeding on rainfed cropland (T)	304	0 46
	treking (to or from water) (W)	88	0 13
DONKEY	feeding on range (A)	158	40 93
	drinking from river bed or river bank (I)	93	24 09
	feeding on rainfed cropland (T)	135	34 97

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 24

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	28908	36 51	
	feeding on fallow rainfed cropping (B)	17629	22 26	
	feeding on abandoned rainfed fields (C)	1080	1 36	
	feeding on enclosed land (D)	5252	6 63	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	154	0 19	
	drinking from river bed or river bank (I)	2269	2 87	
	feeding close to night enclosure and dwellings (K)	18028	22 77	
	feeding on land cleared for rainfed cropping (L)	618	0 78	
	treking (to or from water) (W)	5242	6 62	
SHEEP	feeding on range (A)	146552	80 10	
	feeding on fallow rainfed cropping (B)	7620	4 16	
	feeding on abandoned rainfed fields (C)	1134	0 62	
	feeding on enclosed land (D)	7787	4 26	
	drinking from river bed or river bank (I)	4644	2 54	
	feeding close to night enclosure and dwellings (K)	15230	8 32	
GOAT	feeding on range (A)	253070	79 65	
	feeding on fallow rainfed cropping (B)	10057	3 17	
	feeding on abandoned rainfed fields (C)	2720	0 86	
	feeding on enclosed land (D)	18345	5 77	
	drinking from river bed or river bank (I)	7386	2 32	
	feeding close to night enclosure and dwellings (K)	24778	7 80	
	treking (to or from water) (W)	1383	0 44	
CAMEL	feeding on range (A)	63076	76 72	
	feeding on fallow rainfed cropping (B)	2698	3 28	
	feeding on abandoned rainfed fields (C)	1147	1 40	
	feeding on enclosed land (D)	750	0 91	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	177	0 22	
	drinking from river bed or river bank (I)	3604	4 38	
	feeding close to night enclosure and dwellings (K)	7178	8 73	
	treking (to or from water) (W)	2521	3 07	
		drinking from spring (X)	1062	1 29
DONKEY	feeding on range (A)	189	11 17	
	feeding on fallow rainfed cropping (B)	357	21 10	
	feeding on enclosed land (D)	167	9 87	
	feeding close to night enclosure and dwellings (K)	482	28 49	
	draught animal (V)	468	27 66	
		treking (to or from water) (W)	29	1 71

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 27

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	103427	87 96
	feeding on fallow rainfed cropping (B)	2058	1 75
	feeding close to night enclosure and dwellings (K)	914	0 78
	treking (to or from water) (W)	11191	9 52
SHEEP	feeding on range (A)	34692	91 52
	feeding close to night enclosure and dwellings (K)	3215	8 48
GOAT	feeding on range (A)	75301	91 71
	feeding close to night enclosure and dwellings (K)	6811	8 29
CAMEL	feeding on range (A)	115756	96 71
	feeding close to night enclosure and dwellings (K)	2610	2 18
	draught animal (V)	252	0 21
	treking (to or from water) (W)	1076	0 90
DONKEY	feeding on range (A)	249	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 26

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	128807	83 06
	feeding on fallow rainfed cropping (B)	11070	7 14
	feeding on enclosed land (D)	1626	1 05
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	124	0 08
	feeding close to night enclosure and dwellings (K)	2555	1 65
	feeding on dunes (R)	118	0 08
	feeding on rainfed cropland (I)	89	0 06
	treking (to or from water) (W)	10697	6 90
SHEEP	feeding on range (A)	25953	82 36
	feeding on fallow rainfed cropping (B)	400	1 27
	feeding close to night enclosure and dwellings (K)	4998	15 86
	treking (to or from water) (W)	159	0 50
GOAT	feeding on range (A)	43776	83 05
	feeding on fallow rainfed cropping (B)	507	0 96
	feeding close to night enclosure and dwellings (K)	8186	15 53
	feeding on dunes (R)	243	0 46
CAMEL	feeding on range (A)	70014	96 67
	feeding on fallow rainfed cropping (B)	277	0 38
	feeding close to night enclosure and dwellings (K)	1735	2 40
	treking (to or from water) (W)	403	0 56
DONKEY	feeding on range (A)	46	34 33
	feeding close to night enclosure and dwellings (K)	65	48 51
	treking (to or from water) (W)	23	17 16

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 29

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	50175	41 53
	feeding on fallow rainfed cropping (B)	20804	17 22
	feeding on abandoned rainfed fields (C)	1080	0 89
	feeding on enclosed land (D)	5252	4 35
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	371	0 31
	drinking from river bed or river bank (I)	8429	6 98
	feeding close to night enclosure and dwellings (K)	22018	18 23
	feeding on land cleared for rainfed cropping (L)	618	0 51
	feeding on rainfed cropland (T)	6475	5 36
	treking (to or from water) (W)	5583	4 62
	SHEEP	feeding on range (A)	202942
feeding on fallow rainfed cropping (B)		8183	3 22
feeding on abandoned rainfed fields (C)		1134	0 45
feeding on enclosed land (D)		7787	3 06
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		219	0 09
drinking from river bed or river bank (I)		10564	4 16
feeding close to night enclosure and dwellings (K)	23410	9 21	
GOAT	feeding on range (A)	353512	79 32
	feeding on fallow rainfed cropping (B)	10396	2 33
	feeding on abandoned rainfed fields (C)	2720	0 61
	feeding on enclosed land (D)	18345	4 12
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	369	0 08
	drinking from river bed or river bank (I)	19581	4 39
	feeding close to night enclosure and dwellings (K)	39362	8 83
	treking (to or from water) (W)	1383	0 31
CAMEL	feeding on range (A)	120607	81 60
	feeding on fallow rainfed cropping (B)	3764	2 55
	feeding on abandoned rainfed fields (C)	1147	0 78
	feeding on enclosed land (D)	750	0 51
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	445	0 30
	drinking from river bed or river bank (I)	9499	6 43
	feeding close to night enclosure and dwellings (K)	7607	5 15
	feeding on rainfed cropland (T)	304	0 21
	treking (to or from water) (W)	2610	1 77
	drinking from spring (X)	1062	0 72
DONKEY	feeding on range (A)	347	16 70
	feeding on fallow rainfed cropping (B)	357	17 18
	feeding on enclosed land (D)	167	8 04
	drinking from river bed or river bank (I)	93	4 48
	feeding close to night enclosure and dwellings (K)	482	23 20
	feeding on rainfed cropland (T)	135	6 50
	draught animal (V)	468	22 52
	treking (to or from water) (W)	29	1 40

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 28

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	35834	41 05
	feeding on fallow rainfed cropping (B)	12799	14 66
	feeding on abandoned rainfed fields (C)	1678	1 92
	feeding on enclosed land (D)	2115	2 42
	feeding on fallow irrigated fields (E)	7340	8 41
	feeding on abandoned irrigated fields (F)	8132	9 32
	feeding on irrigated fields (and headlands canal banks) (G)	6	0 01
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1295	1 48
	drinking from river bed or river bank (I)	2064	2 36
	feeding close to night enclosure and dwellings (K)	3781	4 33
	feeding on land cleared for rainfed cropping (L)	14	0 02
	feeding on river bank cropping (M)	126	0 14
	feeding on irrigated banana plantations(P)	155	0 18
	feeding on rainfed cropland (T)	1047	1 20
	treking (to or from water) (W)	4770	5 46
feeding on flooded pasture (Y)	6142	7 04	
SHEEP	feeding on range (A)	18540	36 94
	feeding on fallow rainfed cropping (B)	2882	5 74
	feeding on abandoned rainfed fields (C)	592	1 18
	feeding on enclosed land (D)	5214	10 39
	feeding on fallow irrigated fields (E)	3341	6 66
	feeding on abandoned irrigated fields (F)	1127	2 25
	feeding on irrigated fields (and headlands canal banks) (G)	68	0 14
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	13	0 03
	drinking from river bed or river bank (I)	15754	31 39
	feeding close to night enclosure and dwellings (K)	1663	3 31
	feeding on irrigated banana plantations(P)	260	0 52
treking (to or from water) (W)	736	1 47	
GOAT	feeding on range (A)	28770	38 59
	feeding on fallow rainfed cropping (B)	5239	7 03
	feeding on abandoned rainfed fields (C)	631	0 85
	feeding on enclosed land (D)	9238	12 39
	feeding on fallow irrigated fields (E)	2736	3 67
	feeding on abandoned irrigated fields (F)	872	1 17
	feeding on irrigated fields (and headlands canal banks) (G)	68	0 09
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	20	0 03
	drinking from river bed or river bank (I)	23106	31 00
	feeding close to night enclosure and dwellings (K)	2678	3 59
feeding on irrigated banana plantations(P)	199	0 27	
treking (to or from water) (W)	989	1 33	
CAMEL	feeding on range (A)	4352	43 27
	feeding on fallow rainfed cropping (B)	768	7 64
	feeding on enclosed land (D)	655	6 51
	drinking from river bed or river bank (I)	4282	42 58
DONKEY	feeding on range (A)	551	23 88
	feeding on fallow rainfed cropping (B)	403	17 47
	feeding on abandoned rainfed fields (C)	19	0 82
	feeding on enclosed land (D)	167	7 24
	feeding on fallow irrigated fields (E)	215	9 32
	feeding on abandoned irrigated fields (F)	33	1 43
	drinking from river bed or river bank (I)	61	32 99
	feeding close to night enclosure and dwellings (K)	43	1 86
	draught animal (V)	46	2 08
	treking (to or from water) (W)	11	0 47
	feeding on flooded pasture (Y)	4	0 17

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 32

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2425	31 60
	feeding on fallow rainfed cropping (B)	62	0 81
	feeding on enclosed land (D)	454	5 92
	feeding on fallow irrigated fields (E)	1707	22 24
	drinking from river bed or river bank (I)	1892	24 65
	feeding close to night enclosure and dwellings (K)	994	12 95
	feeding on river bank cropping (M)	126	1 64
	treking (to or from water) (W)	15	0 20
SHEEP	feeding on range (A)	5794	45 41
	feeding on fallow rainfed cropping (B)	911	7 14
	feeding on fallow irrigated fields (E)	2107	16 52
	drinking from river bed or river bank (I)	3316	25 99
	feeding close to night enclosure and dwellings (K)	630	4 94
GOAT	feeding on range (A)	6868	43 79
	feeding on fallow rainfed cropping (B)	844	5 38
	feeding on fallow irrigated fields (E)	1263	8 05
	drinking from river bed or river bank (I)	5715	36 44
	feeding close to night enclosure and dwellings (K)	980	6 25
	treking (to or from water) (W)	15	0 10
CAMEL	feeding on range (A)	2103	29 72
	feeding on fallow rainfed cropping (B)	271	3 83
	feeding on enclosed land (D)	419	5 92
	drinking from river bed or river bank (I)	4282	60 52
DONKEY	feeding on range (A)	113	9 19
	feeding on enclosed land (D)	96	7 80
	feeding on fallow irrigated fields (E)	215	17 48
	drinking from river bed or river bank (I)	761	61 87
	feeding close to night enclosure and dwellings (K)	17	1 38
	draught animal (V)	19	1 54
	treking (to or from water) (W)	9	0 73

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 30

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	232234	85 17	
	feeding on fallow rainfed cropping (B)	13128	4 81	
	feeding on enclosed land (D)	1626	0 60	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	124	0 05	
	feeding close to night enclosure and dwellings (K)	3468	1 27	
	feeding on dunes (R)	118	0 04	
	feeding on rainfed cropland (T)	89	0 03	
	treking (to or from water) (W)	21888	8 03	
	SHEEP	feeding on range (A)	60645	87 36
		feeding on fallow rainfed cropping (B)	400	0 58
feeding close to night enclosure and dwellings (K)		8212	11 83	
treking (to or from water) (W)		159	0 23	
GOAT	feeding on range (A)	119078	88 32	
	feeding on fallow rainfed cropping (B)	507	0 38	
	feeding close to night enclosure and dwellings (K)	14998	11 12	
	feeding on dunes (R)	243	0 18	
CAMEL	feeding on range (A)	185769	96 69	
	feeding on fallow rainfed cropping (B)	277	0 14	
	feeding close to night enclosure and dwellings (K)	4345	2 26	
	draught animal (V)	252	0 13	
	treking (to or from water) (W)	1479	0 77	
DONKEY	feeding on range (A)	295	77 02	
	feeding close to night enclosure and dwellings (K)	65	16 97	
	treking (to or from water) (W)	23	6 01	

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 34

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1365	25 72
	feeding on enclosed land (D)	1009	19 01
	feeding close to night enclosure and dwellings (K)	298	5 62
	treking (to or from water) (W)	2635	49 65
SHEEP	feeding on range (A)	16553	91 95
	feeding on enclosed land (D)	1021	5 67
	feeding close to night enclosure and dwellings (K)	420	2 38
GOAT	feeding on range (A)	29419	87 90
	feeding on enclosed land (D)	1879	5 61
	feeding close to night enclosure and dwellings (K)	788	2 35
	treking (to or from water) (W)	1383	4 13
CAMEL	feeding on range (A)	12122	81 50
	drinking from river bed or river bank (I)	2751	18 50

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 33

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1621	25 34
	feeding close to night enclosure and dwellings (K)	3992	62 39
	treking (to or from water) (W)	785	12 27
SHEEP	feeding on range (A)	31412	86 33
	feeding on enclosed land (D)	2794	7 68
	feeding close to night enclosure and dwellings (K)	2180	5 99
GOAT	feeding on range (A)	40339	81 42
	feeding on enclosed land (D)	5502	11 11
	feeding close to night enclosure and dwellings (K)	3702	7 47
CAMEL	feeding on range (A)	6932	92 21
	feeding close to night enclosure and dwellings (K)	586	7 79
DONKEY	feeding on enclosed land (D)	56	49 12
	draught animal (V)	29	25 44
	treking (to or from water) (W)	29	25 44

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 37

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	14766	75 21
	drinking from river bed or river bank (I)	3965	20 20
	feeding close to night enclosure and dwellings (K)	902	4 59
SHEEP	feeding on range (A)	76439	81 18
	feeding on fallow rainfed cropping (B)	2498	2 65
	drinking from river bed or river bank (I)	7934	8 43
	feeding close to night enclosure and dwellings (K)	7294	7 75
GOAT	feeding on range (A)	160167	84 99
	feeding on fallow rainfed cropping (B)	3118	1 65
	drinking from river bed or river bank (I)	13007	6 90
	feeding close to night enclosure and dwellings (K)	12171	6 46
CAMEL	feeding on range (A)	23510	80 51
	feeding on enclosed land (D)	413	1 41
	drinking from river bed or river bank (I)	3798	13 01
	feeding close to night enclosure and dwellings (K)	182	0 62
	treking (to or from water) (W)	236	0 81
	drinking from spring (X)	1062	3 64
DONKEY	feeding on range (A)	280	34 65
	feeding close to night enclosure and dwellings (K)	126	15 59
	draught animal (V)	402	49 75

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 36

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5347	40 69
	feeding on fallow rainfed cropping (B)	3721	28 32
	feeding on abandoned rainfed fields (C)	5	0 04
	feeding on enclosed land (D)	1437	10 94
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	142	1 08
	drinking from river bed or river bank (I)	171	1 30
	feeding close to night enclosure and dwellings (K)	717	5 46
	treking (to or from water) (W)	1601	12 18
SHEEP	feeding on range (A)	7949	29 47
	feeding on fallow rainfed cropping (B)	743	2 75
	feeding on enclosed land (D)	5035	18 67
	feeding on fallow irrigated fields (E)	158	0 59
	feeding on abandoned irrigated fields (F)	38	0 14
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	13	0 05
	drinking from river bed or river bank (I)	12403	45 98
	feeding close to night enclosure and dwellings (K)	392	1 45
treking (to or from water) (W)	242	0 90	
GOAT	feeding on range (A)	16539	36 19
	feeding on fallow rainfed cropping (B)	1968	4 31
	feeding on abandoned rainfed fields (C)	88	0 19
	feeding on enclosed land (D)	8715	19 07
	feeding on fallow irrigated fields (E)	328	0 72
	feeding on abandoned irrigated fields (F)	76	0 17
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	20	0 04
	drinking from river bed or river bank (I)	17347	37 96
	feeding close to night enclosure and dwellings (K)	610	1 33
	treking (to or from water) (W)	13	0 03
CAMEL	feeding on range (A)	1769	76 45
	feeding on fallow rainfed cropping (B)	324	14 00
	feeding on enclosed land (D)	221	9 55
DONKEY	feeding on range (A)	297	42 49
	feeding on fallow rainfed cropping (B)	279	39 91
	feeding on enclosed land (D)	71	10 16
	feeding close to night enclosure and dwellings (K)	26	3 72
	draught animal (V)	26	3 72

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 40

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	642	30 43
	feeding on enclosed land (D)	23	1 09
	feeding on fallow irrigated fields (E)	184	8 72
	feeding on abandoned irrigated fields (F)	1108	52 51
	feeding on irrigated fields (and headlands canal banks) (G)	6	0 28
	feeding on land cleared for rainfed cropping (L)	14	0 66
	treking (to or from water) (W)	133	6 30
SHEEP	feeding on range (A)	92	18 07
	feeding on enclosed land (D)	134	26 33
	feeding on fallow irrigated fields (E)	61	11 98
	feeding on abandoned irrigated fields (F)	119	23 38
	feeding on irrigated fields (and headlands canal banks) (G)	68	13 36
	drinking from river bed or river bank (I)	35	6 88
GOAT	feeding on range (A)	310	25 94
	feeding on enclosed land (D)	454	37 99
	feeding on fallow irrigated fields (E)	74	6 19
	feeding on abandoned irrigated fields (F)	244	20 42
	feeding on irrigated fields (and headlands canal banks) (G)	68	5 69
	drinking from river bed or river bank (I)	45	3 77
CAMEL	feeding on range (A)	293	95 13
	feeding on enclosed land (D)	15	4 87
DONKEY	feeding on range (A)	13	29 55
	feeding on abandoned irrigated fields (F)	29	65 91
	treking (to or from water) (W)	2	4 55

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 38

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	8263	54 27
	feeding on fallow rainfed cropping (B)	2787	18 31
	feeding on enclosed land (D)	512	3 36
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	274	1 80
	drinking from river bed or river bank (I)	2872	18 86
	feeding close to night enclosure and dwellings (K)	176	1 16
	treking (to or from water) (W)	341	2 24
	SHEEP	feeding on range (A)	54709
feeding on enclosed land (D)		2479	4 02
drinking from river bed or river bank (I)		2630	4 27
feeding close to night enclosure and dwellings (K)		1823	2 96
GOAT	feeding on range (A)	70449	79 63
	feeding on enclosed land (D)	7105	8 03
	drinking from river bed or river bank (I)	6574	7 43
	feeding close to night enclosure and dwellings (K)	4339	4 90
CAMEL	feeding on range (A)	23705	80 18
	feeding on fallow rainfed cropping (B)	859	2 91
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	445	1 51
	drinking from river bed or river bank (I)	1917	6 48
	feeding close to night enclosure and dwellings (K)	364	1 23
DONKEY	treking (to or from water) (W)	2273	7 69
	drinking from river bed or river bank (I)	59	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 42

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	17006	31 12
	feeding on fallow rainfed cropping (B)	13659	25 00
	feeding on abandoned rainfed fields (C)	842	1 54
	feeding on enclosed land (D)	1159	2 12
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	98	0 18
	drinking from river bed or river bank (I)	1263	2 31
	feeding close to night enclosure and dwellings (K)	11841	21 67
	feeding on land cleared for rainfed cropping (L)	618	1 13
	feeding on rainfed cropland (T)	6475	11 85
	treking (to or from water) (W)	1679	3 07
	SHEEP	feeding on range (A)	13956
feeding on fallow rainfed cropping (B)		5523	19 29
feeding on abandoned rainfed fields (C)		901	3 15
feeding on enclosed land (D)		869	3 04
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		219	0 76
feeding close to night enclosure and dwellings (K)		7164	25 02
GOAT	feeding on range (A)	24272	51 73
	feeding on fallow rainfed cropping (B)	6972	14 86
	feeding on abandoned rainfed fields (C)	2292	4 88
	feeding on enclosed land (D)	2942	6 27
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	369	0 79
	feeding close to night enclosure and dwellings (K)	10075	21 47
CAMEL	feeding on range (A)	27163	75 28
	feeding on fallow rainfed cropping (B)	1960	5 43
	feeding on abandoned rainfed fields (C)	1147	3 18
	feeding on enclosed land (D)	337	0 93
	feeding close to night enclosure and dwellings (K)	5070	14 05
	feeding on rainfed cropland (T)	304	0 84
DOWKEY	treking (to or from water) (W)	101	0 28
	feeding on range (A)	67	6 80
	feeding on fallow rainfed cropping (B)	357	36 21
	drinking from river bed or river bank (I)	34	3 45
	feeding close to night enclosure and dwellings (K)	356	36 11
	feeding on rainfed cropland (T)	135	13 69
	draught animal (V)	37	3 75

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 41

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	7153	36 49
	feeding on fallow rainfed cropping (B)	4358	22 23
	feeding on abandoned rainfed fields (C)	238	1 21
	feeding on enclosed land (D)	2572	13 12
	drinking from river bed or river bank (I)	329	1 68
	feeding close to night enclosure and dwellings (K)	4810	24 54
	treking (to or from water) (W)	143	0 73
SHEEP	feeding on range (A)	9874	64 06
	feeding on fallow rainfed cropping (B)	162	1 05
	feeding on abandoned rainfed fields (C)	233	1 51
	feeding on enclosed land (D)	624	4 05
	feeding close to night enclosure and dwellings (K)	4521	29 33
GOAT	feeding on range (A)	28866	74 39
	feeding on fallow rainfed cropping (B)	306	0 79
	feeding on abandoned rainfed fields (C)	428	1 10
	feeding on enclosed land (D)	918	2 37
	feeding close to night enclosure and dwellings (K)	8286	21 35
CAMEL	feeding on range (A)	27174	88 92
	feeding on fallow rainfed cropping (B)	945	3 09
	drinking from river bed or river bank (I)	1034	3 38
	feeding close to night enclosure and dwellings (K)	1406	4 60
DOWKEY	feeding on enclosed land (D)	111	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 45

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	94	25 27
	feeding on fallow rainfed cropping (B)	174	46 77
	feeding on abandoned rainfed fields (C)	104	27 96
SHEEP	feeding on abandoned rainfed fields (C)	48	100 00
GOAT	feeding on abandoned rainfed fields (C)	149	100 00
CAMEL	feeding on range (A)	21	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 44

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	363	10 55
	feeding on fallow rainfed cropping (B)	2510	72 94
	feeding on enclosed land (D)	200	5 81
	feeding on fallow irrigated fields (E)	90	2 62
	feeding on rainfed cropland (I)	278	8 08
SHEEP	feeding on fallow rainfed cropping (B)	205	100 00
GOAT	feeding on fallow rainfed cropping (B)	64	100 00

05

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 47

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	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	25830	77 13
	feeding on fallow rainfed cropping (B)	7101	21 20
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	124	0 37
	feeding close to night enclosure and dwellings (K)	412	1 23
	treking (to or from water) (W)	22	0 07
SHEEP	feeding on range (A)	7726	79 67
	feeding on fallow rainfed cropping (B)	400	4 12
	feeding close to night enclosure and dwellings (K)	1572	16 21
GOAT	feeding on range (A)	17535	84 53
	feeding on fallow rainfed cropping (B)	507	2 44
	feeding close to night enclosure and dwellings (K)	2702	13 03
CAMEL	feeding on range (A)	46426	96 55
	feeding on fallow rainfed cropping (B)	277	0 58
	feeding close to night enclosure and dwellings (K)	1381	2 87
DONKEY	feeding on range (A)	176	88 44
	treking (to or from water) (W)	23	11 56

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 46

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	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	13191	69 14
	feeding on fallow rainfed cropping (B)	3366	17 64
	treking (to or from water) (W)	2523	13 22
SHEEP	feeding on range (A)	4809	85 18
	feeding close to night enclosure and dwellings (K)	678	12 01
	treking (to or from water) (W)	159	2 82
GOAT	feeding on range (A)	15375	89 11
	feeding close to night enclosure and dwellings (K)	1878	10 89
CAMEL	feeding on range (A)	41484	97 92
	feeding close to night enclosure and dwellings (K)	286	0 68
	draught animal (V)	252	0 59
	treking (to or from water) (W)	344	0 81

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 50

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	47	26 86
	feeding on abandoned rainfed fields (C)	128	73 14

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 49

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	134	6 10
	feeding on fallow rainfed cropping (B)	1798	81 91
	feeding on abandoned rainfed fields (C)	167	7 61
	feeding on rainfed cropland (T)	96	4 37
SHEEP	feeding on abandoned rainfed fields (C)	401	100 00
GOAT	feeding on abandoned rainfed fields (C)	126	100 00
CAMEL	feeding on range (A)	166	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 52

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	14225	100 00
SHEEP	feeding on range (A)	2862	100 00
GOAT	feeding on range (A)	6081	100 00
CAMEL	feeding on range (A)	18486	95 95
	feeding close to night enclosure and dwellings (K)	752	3 90
	treking (to or from water) (M)	29	0 15

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 51

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	42751	100 00
SHEEP	feeding on range (A)	858	100 00
GOAT	feeding on range (A)	1144	100 00
CAMEL	feeding on range (A)	19600	99 85
	treking (to or from water) (M)	29	0 15

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 55

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5238	48 32
	feeding on fallow rainfed cropping (B)	2859	26 37
	feeding on abandoned rainfed fields (C)	1120	10 33
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	146	1 35
	feeding close to night enclosure and dwellings (K)	118	1 09
	treking (to or from water) (W)	1360	12 54
SHEEP	feeding on range (A)	60	7 08
	feeding on fallow rainfed cropping (B)	371	43 75
	feeding on abandoned rainfed fields (C)	143	16 86
	treking (to or from water) (W)	274	32 31
GOAT	feeding on range (A)	259	9 09
	feeding on fallow rainfed cropping (B)	1445	50 74
	feeding on abandoned rainfed fields (C)	267	9 38
	treking (to or from water) (W)	877	30 79
CAMEL	feeding on fallow rainfed cropping (B)	163	100 00
DONKEY	feeding on fallow rainfed cropping (B)	48	71 64
	feeding on abandoned rainfed fields (C)	19	28 36

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 54

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3894	21 97
	feeding on fallow rainfed cropping (B)	548	3 09
	feeding on abandoned rainfed fields (C)	154	0 87
	feeding on fallow irrigated fields (E)	5242	29 58
	feeding on abandoned irrigated fields (F)	6078	34 29
	feeding on irrigated banana plantations(P)	155	0 87
	treking (to or from water) (W)	1652	9 32
SHEEP	feeding on range (A)	3036	54 27
	feeding on fallow rainfed cropping (B)	292	5 22
	feeding on enclosed land (D)	44	0 79
	feeding on fallow irrigated fields (E)	1001	17 89
	feeding on abandoned irrigated fields (F)	806	14 41
	feeding close to night enclosure and dwellings (K)	155	2 77
	feeding on irrigated banana plantations(P)	260	4 65
GOAT	feeding on range (A)	3550	57 12
	feeding on fallow rainfed cropping (B)	880	14 16
	feeding on enclosed land (D)	69	1 11
	feeding on fallow irrigated fields (E)	1070	17 22
	feeding on abandoned irrigated fields (F)	205	3 30
	feeding close to night enclosure and dwellings (K)	242	3 89
	feeding on irrigated banana plantations(P)	199	3 20
CAMEL	feeding on fallow rainfed cropping (B)	10	100 00
DONKEY	feeding on fallow rainfed cropping (B)	77	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 57

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	95053	86 99
	feeding on fallow rainfed cropping (B)	2661	2 44
	feeding on enclosed land (D)	1626	1 49
	feeding close to night enclosure and dwellings (K)	2017	1 85
	feeding on rainfed cropland (I)	89	0 08
	treking (to or from water) (W)	7824	7 16
SHEEP	feeding on range (A)	33996	97 44
	feeding close to night enclosure and dwellings (K)	892	2 56
GOAT	feeding on range (A)	60863	96 76
	feeding close to night enclosure and dwellings (K)	2038	3 24
CAMEL	feeding on range (A)	30747	97 57
	feeding close to night enclosure and dwellings (K)	765	2 43

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 56

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	22719	79 28
	feeding close to night enclosure and dwellings (K)	502	1 75
	treking (to or from water) (W)	5435	18 97
SHEEP	feeding on range (A)	3402	66 39
	feeding close to night enclosure and dwellings (K)	1722	33 61
GOAT	feeding on range (A)	4506	58 64
	feeding close to night enclosure and dwellings (K)	3178	41 36
CAMEL	feeding on range (A)	10631	96 58
	feeding close to night enclosure and dwellings (K)	130	1 18
	treking (to or from water) (W)	246	2 23
DONKEY	feeding on range (A)	119	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 59

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	9529	50 35
	feeding on fallow rainfed cropping (B)	1127	5 95
	feeding on fallow irrigated fields (E)	101	0 53
	feeding on abandoned irrigated fields (F)	468	2 47
	feeding close to night enclosure and dwellings (K)	1469	7 76
	feeding on rainfed cropland (T)	299	1 58
	treking (to or from water) (W)	10	0 05
	feeding on flooded pasture (Y)	5924	31 30
SHEEP	feeding on range (A)	1137	68 74
	feeding on fallow rainfed cropping (B)	117	7 07
	feeding on fallow irrigated fields (E)	15	0 91
	feeding on abandoned irrigated fields (F)	165	9 98
	treking (to or from water) (W)	220	13 30
GOAT	feeding on range (A)	487	50 99
	feeding on fallow rainfed cropping (B)	37	3 87
	feeding on abandoned irrigated fields (F)	347	36 34
	treking (to or from water) (W)	84	8 80
DONKEY	feeding on range (A)	73	53 28
	feeding on abandoned irrigated fields (F)	4	2 92
	draught animal (V)	4	2 92
	feeding on flooded pasture (Y)	56	40 88

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 58

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	613	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 61

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	9007	57 63
	feeding close to night enclosure and dwellings (K)	538	3 44
	treking (to or from water) (W)	6084	38 93
SHEEP	feeding on range (A)	1712	34 68
	feeding close to night enclosure and dwellings (K)	3225	65 32
GOAT	feeding on range (A)	4163	45 33
	feeding close to night enclosure and dwellings (K)	5020	54 67
CAMEL	feeding on range (A)	12659	89 82
	feeding close to night enclosure and dwellings (K)	602	4 27
	treking (to or from water) (W)	832	5 90
DONKEY	feeding close to night enclosure and dwellings (K)	65	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 60

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	7508	87 34
	feeding on fallow irrigated fields (E)	16	0 19
	feeding on abandoned irrigated fields (F)	479	5 57
	feeding on rainfed cropland (T)	375	4 36
	feeding on flooded pasture (Y)	218	2 54
SHEEP	feeding on range (A)	473	66 15
	feeding on fallow rainfed cropping (B)	242	33 85
GOAT	feeding on range (A)	756	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 63

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1007	67 58
	feeding close to night enclosure and dwellings (K)	483	32 42
SHEEP	feeding close to night enclosure and dwellings (K)	486	100 00
GOAT	feeding close to night enclosure and dwellings (K)	846	100 00
DONKEY	feeding on range (A)	54	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 62

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	9456	98 77
	feeding on dunes (R)	118	1 23
SHEEP	feeding on range (A)	5279	97 70
	feeding close to night enclosure and dwellings (K)	124	2 30
GOAT	feeding on range (A)	9411	95 68
	feeding close to night enclosure and dwellings (K)	182	1 85
	feeding on dunes (R)	243	2 47
CAMEL	feeding on range (A)	5736	93 04
	feeding close to night enclosure and dwellings (K)	429	6 96

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 65

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	28377	59 12
	feeding on fallow rainfed cropping (B)	6508	13 56
	feeding on abandoned rainfed fields (C)	5	0 01
	feeding on enclosed land (D)	1949	4 06
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	416	0 87
	drinking from river bed or river bank (I)	7009	14 60
	feeding close to night enclosure and dwellings (K)	1795	3 74
	treking (to or from water) (W)	1942	4 05
SHEEP	feeding on range (A)	139096	76 10
	feeding on fallow rainfed cropping (B)	3242	1 77
	feeding on enclosed land (D)	7514	4 11
	feeding on fallow irrigated fields (E)	158	0 09
	feeding on abandoned irrigated fields (F)	38	0 02
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	13	0 01
	drinking from river bed or river bank (I)	22967	12 57
	feeding close to night enclosure and dwellings (K)	9509	5 20
treking (to or from water) (W)	242	0 13	
GOAT	feeding on range (A)	247155	76 61
	feeding on fallow rainfed cropping (B)	5086	1 58
	feeding on abandoned rainfed fields (C)	88	0 03
	feeding on enclosed land (D)	15820	4 90
	feeding on fallow irrigated fields (E)	328	0 10
	feeding on abandoned irrigated fields (F)	76	0 02
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	20	0 01
	drinking from river bed or river bank (I)	36927	11 45
feeding close to night enclosure and dwellings (K)	17120	5 31	
treking (to or from water) (W)	13	0 00	
CAMEL	feeding on range (A)	48984	80 20
	feeding on fallow rainfed cropping (B)	1184	1 94
	feeding on enclosed land (D)	634	1 04
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	445	0 73
	drinking from river bed or river bank (I)	5715	9 36
	feeding close to night enclosure and dwellings (K)	546	0 89
	treking (to or from water) (W)	2509	4 11
	drinking from spring (X)	1062	1 74
DONKEY	feeding on range (A)	577	36 87
	feeding on fallow rainfed cropping (B)	279	17 83
	feeding on enclosed land (D)	71	4 54
	drinking from river bed or river bank (I)	59	3 77
	feeding close to night enclosure and dwellings (K)	152	9 71
	draught animal (V)	427	27 28

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 64

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5411	27 92
	feeding on fallow rainfed cropping (B)	62	0 32
	feeding on enclosed land (D)	1464	7 55
	feeding on fallow irrigated fields (E)	1707	8 81
	drinking from river bed or river bank (I)	1892	9 76
	feeding close to night enclosure and dwellings (K)	5284	27 26
	feeding on river bank cropping (N)	126	0 65
	treking (to or from water) (W)	3435	17 72
SHEEP	feeding on range (A)	53758	80 06
	feeding on fallow rainfed cropping (B)	911	1 36
	feeding on enclosed land (D)	3815	5 68
	feeding on fallow irrigated fields (E)	2107	3 14
	drinking from river bed or river bank (I)	3316	4 94
	feeding close to night enclosure and dwellings (K)	3238	4 82
GOAT	feeding on range (A)	76626	77 64
	feeding on fallow rainfed cropping (B)	844	0 86
	feeding on enclosed land (D)	7381	7 48
	feeding on fallow irrigated fields (E)	1263	1 28
	drinking from river bed or river bank (I)	5715	5 79
	feeding close to night enclosure and dwellings (K)	5470	5 54
treking (to or from water) (W)	1397	1 42	
CAMEL	feeding on range (A)	21158	71 80
	feeding on fallow rainfed cropping (B)	271	0 92
	feeding on enclosed land (D)	419	1 42
	drinking from river bed or river bank (I)	7032	23 86
	feeding close to night enclosure and dwellings (K)	586	1 99
DONKEY	feeding on range (A)	113	8 41
	feeding on enclosed land (D)	152	11 31
	feeding on fallow irrigated fields (E)	215	16 00
	drinking from river bed or river bank (I)	761	56 62
	feeding close to night enclosure and dwellings (K)	17	1 26
	draught animal (V)	48	3 57
treking (to or from water) (W)	38	2 83	

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 67

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	39479	70 02
	feeding on fallow rainfed cropping (B)	13151	23 32
	feeding on abandoned rainfed fields (C)	104	0 18
	feeding on enclosed land (D)	200	0 35
	feeding on fallow irrigated fields (E)	90	0 16
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	124	0 22
	feeding close to night enclosure and dwellings (K)	412	0 73
	feeding on rainfed cropland (I)	278	0 49
	trekking (to or from water) (W)	2545	4 51
	SHEEP	feeding on range (A)	12535
feeding on fallow rainfed cropping (B)		605	3 88
feeding on abandoned rainfed fields (C)		48	0 31
feeding close to night enclosure and dwellings (K)		2250	14 43
trekking (to or from water) (W)		159	1 02
GOAT	feeding on range (A)	32909	86 13
	feeding on fallow rainfed cropping (B)	571	1 49
	feeding on abandoned rainfed fields (C)	149	0 39
	feeding close to night enclosure and dwellings (K)	4579	11 98
	trekking (to or from water) (W)		
CAMEL	feeding on range (A)	87931	97 19
	feeding on fallow rainfed cropping (B)	277	0 31
	feeding close to night enclosure and dwellings (K)	1668	1 84
	draught animal (V)	252	0 28
	trekking (to or from water) (W)	344	0 38
DONKEY	feeding on range (A)	176	88 44
	trekking (to or from water) (W)	23	11 56

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 66

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	24802	32 48	
	feeding on fallow rainfed cropping (B)	18017	23 60	
	feeding on abandoned rainfed fields (C)	1080	1 41	
	feeding on enclosed land (D)	3754	4 92	
	feeding on fallow irrigated fields (E)	184	0 24	
	feeding on abandoned irrigated fields (F)	1108	1 45	
	feeding on irrigated fields (and headlands canal banks) (G)	6	0 01	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	98	0 13	
	drinking from river bed or river bank (I)	1592	2 09	
	feeding close to night enclosure and dwellings (K)	16650	21 81	
	feeding on land cleared for rainfed cropping (L)	632	0 83	
	feeding on rainfed cropland (I)	6475	8 48	
	trekking (to or from water) (W)	1955	2 56	
SHEEP	feeding on range (A)	23922	53 69	
	feeding on fallow rainfed cropping (B)	5685	12 76	
	feeding on abandoned rainfed fields (C)	1134	2 55	
	feeding on enclosed land (D)	1627	3 65	
	feeding on fallow irrigated fields (E)	61	0 14	
	feeding on abandoned irrigated fields (F)	119	0 27	
	feeding on irrigated fields (and headlands canal banks) (G)	68	0 15	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	219	0 49	
	drinking from river bed or river bank (I)	35	0 08	
	feeding close to night enclosure and dwellings (K)	11685	26 23	
GOAT	feeding on range (A)	53449	61 49	
	feeding on fallow rainfed cropping (B)	7278	8 37	
	feeding on abandoned rainfed fields (C)	2720	3 13	
	feeding on enclosed land (D)	4313	4 96	
	feeding on fallow irrigated fields (E)	74	0 09	
	feeding on abandoned irrigated fields (F)	244	0 28	
	feeding on irrigated fields (and headlands canal banks) (G)	68	0 08	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	369	0 42	
	drinking from river bed or river bank (I)	45	0 05	
	feeding close to night enclosure and dwellings (K)	18362	21 12	
CAMEL	feeding on range (A)	54630	81 60	
	feeding on fallow rainfed cropping (B)	2905	4 34	
	feeding on abandoned rainfed fields (C)	1147	1 71	
	feeding on enclosed land (D)	352	0 53	
	drinking from river bed or river bank (I)	1034	1 54	
	feeding close to night enclosure and dwellings (K)	6475	9 67	
	feeding on rainfed cropland (I)	304	0 45	
	trekking (to or from water) (W)	101	0 15	
	DONKEY	feeding on range (A)	81	7 09
		feeding on fallow rainfed cropping (B)	357	31 26
feeding on enclosed land (D)		111	9 72	
feeding on abandoned irrigated fields (F)		29	2 54	
drinking from river bed or river bank (I)		34	2 96	
feeding close to night enclosure and dwellings (K)		356	31 17	
feeding on rainfed cropland (I)		135	11 82	
draught animal (V)		37	3 24	
trekking (to or from water) (W)		2	0 18	

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 69

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	126904	76 22	
	feeding on fallow rainfed cropping (B)	6068	3 64	
	feeding on abandoned rainfed fields (C)	1274	0 77	
	feeding on enclosed land (D)	1626	0 98	
	feeding on fallow irrigated fields (E)	5242	3 15	
	feeding on abandoned irrigated fields (F)	6078	3 65	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	146	0 09	
	feeding close to night enclosure and dwellings (K)	2636	1 58	
	feeding on irrigated banana plantations(P)	155	0 09	
	feeding on rainfed cropland (I)	89	0 05	
	treking (to or from water) (W)	16270	9 77	
	SHEEP	feeding on range (A)	40494	87 17
		feeding on fallow rainfed cropping (B)	663	1 43
		feeding on abandoned rainfed fields (C)	143	0 31
feeding on enclosed land (D)		44	0 09	
feeding on fallow irrigated fields (E)		1001	2 15	
feeding on abandoned irrigated fields (F)		806	1 74	
feeding close to night enclosure and dwellings (K)		2769	5 96	
feeding on irrigated banana plantations(P)		260	0 56	
treking (to or from water) (W)		274	0 59	
GOAT		feeding on range (A)	69179	86 85
	feeding on fallow rainfed cropping (B)	2325	2 92	
	feeding on abandoned rainfed fields (C)	267	0 34	
	feeding on enclosed land (D)	69	0 09	
	feeding on fallow irrigated fields (E)	1070	1 34	
	feeding on abandoned irrigated fields (F)	205	0 26	
	feeding close to night enclosure and dwellings (K)	5458	6 85	
	feeding on irrigated banana plantations(P)	199	0 25	
	treking (to or from water) (W)	877	1 10	
	CAMEL	feeding on range (A)	41378	96 92
feeding on fallow rainfed cropping (B)		173	0 41	
feeding close to night enclosure and dwellings (K)		894	2 09	
treking (to or from water) (W)		246	0 58	
DONKEY	feeding on range (A)	119	45 25	
	feeding on fallow rainfed cropping (B)	125	47 53	
	feeding on abandoned rainfed fields (C)	19	7 22	

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 68

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	57157	96 31
	feeding on fallow rainfed cropping (B)	1798	3 03
	feeding on abandoned rainfed fields (C)	295	0 50
	feeding on rainfed cropland (I)	96	0 16
SHEEP	feeding on range (A)	3720	90 27
	feeding on abandoned rainfed fields (C)	401	9 73
GOAT	feeding on range (A)	7225	98 29
	feeding on abandoned rainfed fields (C)	126	1 71
CAMEL	feeding on range (A)	38252	97 93
	feeding close to night enclosure and dwellings (K)	752	1 93
	treking (to or from water) (W)	57	0 15

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 71

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5411	27.92
	feeding on fallow rainfed cropping (B)	62	0.32
	feeding on enclosed land (D)	1464	7.55
	feeding on fallow irrigated fields (E)	1707	8.81
	drinking from river bed or river bank (I)	1892	9.76
	feeding close to night enclosure and dwellings (K)	5284	27.26
	feeding on river bank cropping (W)	126	0.65
	trekking (to or from water) (M)	3435	17.72
SHEEP	feeding on range (A)	53758	80.06
	feeding on fallow rainfed cropping (B)	911	1.36
	feeding on enclosed land (D)	3815	5.68
	feeding on fallow irrigated fields (E)	2107	3.14
	feeding close to night enclosure and dwellings (K)	3238	4.82
GOAT	feeding on range (A)	76626	77.64
	feeding on fallow rainfed cropping (B)	844	0.86
	feeding on enclosed land (D)	7381	7.48
	feeding on fallow irrigated fields (E)	1263	1.28
	drinking from river bed or river bank (I)	5715	5.79
	feeding close to night enclosure and dwellings (K)	5470	5.54
	trekking (to or from water) (M)	1397	1.42
CAMEL	feeding on range (A)	21158	71.80
	feeding on fallow rainfed cropping (B)	271	0.92
	feeding on enclosed land (D)	419	1.42
	feeding close to night enclosure and dwellings (K)	586	1.99
DONKEY	feeding on range (A)	113	8.41
	feeding on enclosed land (D)	152	11.31
	feeding on fallow irrigated fields (E)	215	16.00
	drinking from river bed or river bank (I)	761	56.62
	feeding close to night enclosure and dwellings (K)	17	1.26
	draught animal (V)	48	3.57
trekking (to or from water) (M)	38	2.83	

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 70

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	36113	67.70
	feeding on fallow rainfed cropping (B)	1127	2.11
	feeding on fallow irrigated fields (E)	117	0.22
	feeding on abandoned irrigated fields (F)	947	1.78
	feeding close to night enclosure and dwellings (K)	2007	3.76
	feeding on dunes (R)	118	0.22
	feeding on rainfed cropland (T)	674	1.26
	trekking (to or from water) (M)	6094	11.43
	feeding on flooded pasture (Y)	6142	11.52
	SHEEP	feeding on range (A)	8602
feeding on fallow rainfed cropping (B)		359	2.82
feeding on fallow irrigated fields (E)		15	0.12
feeding on abandoned irrigated fields (F)		165	1.30
feeding close to night enclosure and dwellings (K)		3349	26.35
trekking (to or from water) (M)		220	1.73
GOAT	feeding on range (A)	14818	71.48
	feeding on fallow rainfed cropping (B)	37	0.18
	feeding on abandoned irrigated fields (F)	347	1.67
	feeding close to night enclosure and dwellings (K)	5202	25.09
	feeding on dunes (R)	243	1.17
	trekking (to or from water) (M)	84	0.41
CAMEL	feeding on range (A)	18395	90.80
	feeding close to night enclosure and dwellings (K)	1031	5.09
	trekking (to or from water) (M)	832	4.11
DONKEY	feeding on range (A)	73	36.14
	feeding on abandoned irrigated fields (F)	4	1.98
	feeding close to night enclosure and dwellings (K)	65	32.18
	draught animal (V)	4	1.98
	feeding on flooded pasture (Y)	56	27.72

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 72

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	28377	59 12
	feeding on fallow rainfed cropping (B)	6508	13 56
	feeding on abandoned rainfed fields (C)	5	0 01
	feeding on enclosed land (D)	1949	4 06
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	416	0 87
	drinking from river bed or river bank (I)	7009	14 60
	feeding close to night enclosure and dwellings (K)	1795	3 74
	treking (to or from water) (W)	1942	4 05
	SHEEP	feeding on range (A)	139096
feeding on fallow rainfed cropping (B)		3242	1 77
feeding on enclosed land (D)		7514	4 11
feeding on fallow irrigated fields (E)		158	0 09
feeding on abandoned irrigated fields (F)		38	0 02
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		13	0 01
drinking from river bed or river bank (I)		22967	12 57
feeding close to night enclosure and dwellings (K)		9509	5 20
treking (to or from water) (W)		242	0 13
GOAT	feeding on range (A)	247155	76 61
	feeding on fallow rainfed cropping (B)	5086	1 58
	feeding on abandoned rainfed fields (C)	88	0 03
	feeding on enclosed land (D)	15820	4 90
	feeding on fallow irrigated fields (E)	328	0 10
	feeding on abandoned irrigated fields (F)	76	0 02
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	20	0 01
	drinking from river bed or river bank (I)	36927	11 45
	feeding close to night enclosure and dwellings (K)	17120	5 31
treking (to or from water) (W)	13	0 00	
CAMEL	feeding on range (A)	48984	80 20
	feeding on fallow rainfed cropping (B)	1184	1 94
	feeding on enclosed land (D)	634	1 04
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	445	0 73
	drinking from river bed or river bank (I)	5715	9 36
	feeding close to night enclosure and dwellings (K)	546	0 89
	treking (to or from water) (W)	2509	4 11
drinking from spring (X)	1062	1 74	
DONKEY	feeding on range (A)	577	36 87
	feeding on fallow rainfed cropping (B)	279	17 83
	feeding on enclosed land (D)	71	4 54
	drinking from river bed or river bank (I)	59	3 77
	feeding close to night enclosure and dwellings (K)	152	9 71
	draught animal (V)	427	27 28

HAGAI SURVEY REGION 73 (cont)

		449	24 85
DONKEY	feeding on range (A)	482	26 67
	feeding on fallow rainfed cropping (B)	19	1 05
	feeding on abandoned rainfed fields (C)	111	6 14
	feeding on enclosed land (D)	33	1 83
	feeding on abandoned irrigated fields (F)	34	1 88
	drinking from river bed or river bank (I)	422	23 35
	feeding close to night enclosure and dwellings (K)	135	7 47
	feeding on rainfed cropland (T)	41	2 27
	draught animal (V)	25	1 38
	treking (to or from water) (W)	56	3 10
	feeding on flooded pasture (Y)		

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 73

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	284455	69 06
	feeding on fallow rainfed cropping (B)	40161	9 75
	feeding on abandoned rainfed fields (C)	2753	0 67
	feeding on enclosed land (D)	5580	1 35
	feeding on fallow irrigated fields (E)	5633	1 37
	feeding on abandoned irrigated fields (F)	8132	1 97
	feeding on irrigated fields (and headlands canal banks) (G)	6	0 00
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	368	0 09
	drinking from river bed or river bank (I)	1592	0 39
	feeding close to night enclosure and dwellings (K)	21705	5 27
	feeding on land cleared for rainfed cropping (L)	632	0 15
	feeding on irrigated banana plantations(P)	155	0 04
	feeding on dunes (R)	118	0 03
	feeding on rainfed cropland (T)	7611	1 85
	treking (to or from water) (W)	26865	6 52
feeding on flooded pasture (Y)	6142	1 49	
SHEEP	feeding on range (A)	89273	72 32
	feeding on fallow rainfed cropping (B)	7312	5 92
	feeding on abandoned rainfed fields (C)	1725	1 40
	feeding on enclosed land (D)	1672	1 35
	feeding on fallow irrigated fields (E)	1077	0 87
	feeding on abandoned irrigated fields (F)	1089	0 88
	feeding on irrigated fields (and headlands canal banks) (G)	68	0 06
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	219	0 18
	drinking from river bed or river bank (I)	35	0 03
	feeding close to night enclosure and dwellings (K)	20052	16 24
	feeding on irrigated banana plantations(P)	260	0 21
	treking (to or from water) (W)	653	0 53
GOAT	feeding on range (A)	177580	76 26
	feeding on fallow rainfed cropping (B)	10211	4 38
	feeding on abandoned rainfed fields (C)	3262	1 40
	feeding on enclosed land (D)	4382	1 88
	feeding on fallow irrigated fields (E)	1145	0 49
	feeding on abandoned irrigated fields (F)	796	0 34
	feeding on irrigated fields (and headlands canal banks) (G)	68	0 03
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	369	0 16
	drinking from river bed or river bank (I)	45	0 02
	feeding close to night enclosure and dwellings (K)	33602	14 43
	feeding on irrigated banana plantations(P)	199	0 09
	feeding on dunes (R)	243	0 10
	treking (to or from water) (W)	961	0 41
	CAMEL	feeding on range (A)	240587
feeding on fallow rainfed cropping (B)		3355	1 29
feeding on abandoned rainfed fields (C)		1147	0 44
feeding on enclosed land (D)		352	0 14
drinking from river bed or river bank (I)		1034	0 40
feeding close to night enclosure and dwellings (K)		10821	4 17
feeding on rainfed cropland (T)		304	0 12
draught animal (V)		252	0 10
treking (to or from water) (W)		1580	0 61

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 75

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	35221	40.63	
	feeding on fallow rainfed cropping (B)	12799	14.76	
	feeding on abandoned rainfed fields (C)	1678	1.94	
	feeding on enclosed land (D)	2115	2.44	
	feeding on fallow irrigated fields (E)	7340	8.47	
	feeding on abandoned irrigated fields (F)	8132	9.38	
	feeding on irrigated fields (and headlands canal banks) (G)	6	0.01	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1295	1.49	
	drinking from river bed or river bank (I)	2064	2.38	
	feeding close to night enclosure and dwellings (K)	3781	4.36	
	feeding on land cleared for rainfed cropping (L)	14	0.02	
	feeding on river bank cropping (N)	126	0.15	
	feeding on irrigated banana plantations (P)	155	0.18	
	feeding on rainfed cropland (T)	1047	1.21	
	trekking (to or from water) (W)	4770	5.50	
	feeding on flooded pasture (Y)	6142	7.09	
	SHEEP	feeding on range (A)	18540	36.94
feeding on fallow rainfed cropping (B)		2882	5.74	
feeding on abandoned rainfed fields (C)		592	1.18	
feeding on enclosed land (D)		5214	10.39	
feeding on fallow irrigated fields (E)		3341	6.66	
feeding on abandoned irrigated fields (F)		1127	2.25	
feeding on irrigated fields (and headlands canal banks) (G)		68	0.14	
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		13	0.03	
drinking from river bed or river bank (I)		15754	31.39	
feeding close to night enclosure and dwellings (K)		1663	3.31	
feeding on irrigated banana plantations (P)		260	0.52	
trekking (to or from water) (W)		736	1.47	
GOAT		feeding on range (A)	28770	38.59
	feeding on fallow rainfed cropping (B)	5239	7.03	
	feeding on abandoned rainfed fields (C)	631	0.85	
	feeding on enclosed land (D)	9238	12.39	
	feeding on fallow irrigated fields (E)	2736	3.67	
	feeding on abandoned irrigated fields (F)	872	1.17	
	feeding on irrigated fields (and headlands canal banks) (G)	68	0.09	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	20	0.03	
	drinking from river bed or river bank (I)	23106	31.00	
	feeding close to night enclosure and dwellings (K)	2678	3.59	
	feeding on irrigated banana plantations (P)	199	0.27	
	trekking (to or from water) (W)	989	1.33	
	CAMEL	feeding on range (A)	4352	43.27
		feeding on fallow rainfed cropping (B)	768	7.64
feeding on enclosed land (D)		655	6.51	
drinking from river bed or river bank (I)		4282	42.58	
DONKEY	feeding on range (A)	551	23.88	
	feeding on fallow rainfed cropping (B)	403	17.47	
	feeding on abandoned rainfed fields (C)	19	0.82	
	feeding on enclosed land (D)	167	7.24	
	feeding on fallow irrigated fields (E)	215	9.32	
	feeding on abandoned irrigated fields (F)	33	1.43	
	drinking from river bed or river bank (I)	761	32.99	
	feeding close to night enclosure and dwellings (K)	43	1.86	
	draught animal (V)	48	2.08	
	trekking (to or from water) (W)	11	0.48	
	feeding on flooded pasture (Y)	56	2.43	

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 74

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	111209	73.28
	feeding on fallow rainfed cropping (B)	7724	5.09
	feeding on abandoned rainfed fields (C)	238	0.16
	feeding on enclosed land (D)	2572	1.69
	drinking from river bed or river bank (I)	4294	2.83
	feeding close to night enclosure and dwellings (K)	10743	7.08
	trekking (to or from water) (W)	14970	9.86
SHEEP	feeding on range (A)	128507	79.07
	feeding on fallow rainfed cropping (B)	2660	1.64
	feeding on abandoned rainfed fields (C)	233	0.14
	feeding on enclosed land (D)	3418	2.10
	drinking from river bed or river bank (I)	7934	4.88
	feeding close to night enclosure and dwellings (K)	19621	12.07
	trekking (to or from water) (W)	159	0.10
GOAT	feeding on range (A)	254560	81.57
	feeding on fallow rainfed cropping (B)	3424	1.10
	feeding on abandoned rainfed fields (C)	428	0.14
	feeding on enclosed land (D)	6419	2.06
	drinking from river bed or river bank (I)	13007	4.17
	feeding close to night enclosure and dwellings (K)	34236	10.97
CAMEL	feeding on range (A)	141990	91.98
	feeding on fallow rainfed cropping (B)	945	0.61
	feeding on enclosed land (D)	413	0.27
	drinking from river bed or river bank (I)	4832	3.13
	feeding close to night enclosure and dwellings (K)	3192	2.07
	draught animal (V)	252	0.16
	trekking (to or from water) (W)	1686	1.09
	drinking from spring (X)	1062	0.69
DONKEY	feeding on range (A)	398	32.73
	feeding on enclosed land (D)	167	13.73
	feeding close to night enclosure and dwellings (K)	191	15.71
	draught animal (V)	431	35.44
	trekking (to or from water) (W)	29	2.38

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 77

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	171200	70 82	
	feeding on fallow rainfed cropping (B)	26208	10 84	
	feeding on abandoned rainfed fields (C)	842	0 35	
	feeding on enclosed land (D)	4306	1 78	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	496	0 21	
	drinking from river bed or river bank (I)	4135	1 71	
	feeding close to night enclosure and dwellings (K)	14743	6 10	
	feeding on land cleared for rainfed cropping (L)	618	0 26	
	feeding on dunes (R)	118	0 05	
	feeding on rainfed cropland (T)	6564	2 72	
	treking (to or from water) (W)	12501	5 17	
	SHEEP	feeding on range (A)	135080	83 84
		feeding on fallow rainfed cropping (B)	5923	3 68
feeding on abandoned rainfed fields (C)		901	0 56	
feeding on enclosed land (D)		4369	2 71	
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		219	0 14	
drinking from river bed or river bank (I)		2630	1 63	
feeding close to night enclosure and dwellings (K)	12002	7 45		
GOAT	feeding on range (A)	218030	81 23	
	feeding on fallow rainfed cropping (B)	7479	2 79	
	feeding on abandoned rainfed fields (C)	2292	0 85	
	feeding on enclosed land (D)	11926	4 44	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	369	0 14	
	drinking from river bed or river bank (I)	6574	2 45	
	feeding close to night enclosure and dwellings (K)	20124	7 50	
	feeding on dunes (R)	243	0 09	
	treking (to or from water) (W)	1383	0 52	
CAMEL	feeding on range (A)	164386	88 60	
	feeding on fallow rainfed cropping (B)	3096	1 67	
	feeding on abandoned rainfed fields (C)	1147	0 62	
	feeding on enclosed land (D)	337	0 18	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	445	0 24	
	drinking from river bed or river bank (I)	4667	2 52	
	feeding close to night enclosure and dwellings (K)	8761	4 72	
	feeding on rainfed cropland (T)	304	0 16	
	treking (to or from water) (W)	2403	1 30	
DONKEY	feeding on range (A)	244	19 60	
	feeding on fallow rainfed cropping (B)	357	28 67	
	drinking from river bed or river bank (I)	93	7 47	
	feeding close to night enclosure and dwellings (K)	356	28 59	
	feeding on rainfed cropland (T)	135	10 84	
	draught animal (V)	37	2 97	
	treking (to or from water) (W)	23	1 85	

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 76

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	613	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 79

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5347	40 69
	feeding on fallow rainfed cropping (B)	3721	28 32
	feeding on abandoned rainfed fields (C)	5	0 04
	feeding on enclosed land (D)	1437	10 94
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	142	1 08
	drinking from river bed or river bank (I)	171	1 30
	feeding close to night enclosure and dwellings (K)	717	5 46
	treking (to or from water) (W)	1601	12 18
SHEEP	feeding on range (A)	7949	29 47
	feeding on fallow rainfed cropping (B)	743	2 75
	feeding on enclosed land (D)	5035	18 67
	feeding on fallow irrigated fields (E)	158	0 59
	feeding on abandoned irrigated fields (F)	38	0 14
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	13	0 05
	drinking from river bed or river bank (I)	12403	45 98
	feeding close to night enclosure and dwellings (K)	392	1 45
treking (to or from water) (W)	242	0 90	
GOAT	feeding on range (A)	16539	36 19
	feeding on fallow rainfed cropping (B)	1968	4 31
	feeding on abandoned rainfed fields (C)	88	0 19
	feeding on enclosed land (D)	8715	19 07
	feeding on fallow irrigated fields (E)	328	0 72
	feeding on abandoned irrigated fields (F)	76	0 17
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	20	0 04
	drinking from river bed or river bank (I)	17347	37 96
	feeding close to night enclosure and dwellings (K)	610	1 33
	treking (to or from water) (W)	13	0 03
CAMEL	feeding on range (A)	1769	76 45
	feeding on fallow rainfed cropping (B)	324	14 00
	feeding on enclosed land (D)	221	9 55
DONKEY	feeding on range (A)	297	42 49
	feeding on fallow rainfed cropping (B)	279	39 91
	feeding on enclosed land (D)	71	10 16
	feeding close to night enclosure and dwellings (K)	26	3 72
	draught animal (V)	26	3 72

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 78

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2425	31 60
	feeding on fallow rainfed cropping (B)	62	0 81
	feeding on enclosed land (D)	454	5 92
	feeding on fallow irrigated fields (E)	1707	22 24
	drinking from river bed or river bank (I)	1892	24 65
	feeding close to night enclosure and dwellings (K)	994	12 95
	feeding on river bank cropping (M)	126	1 64
	treking (to or from water) (W)	15	0 20
SHEEP	feeding on range (A)	5794	45 41
	feeding on fallow rainfed cropping (B)	911	7 14
	feeding on fallow irrigated fields (E)	2107	16 52
	drinking from river bed or river bank (I)	3316	25 99
	feeding close to night enclosure and dwellings (K)	630	4 94
GOAT	feeding on range (A)	6868	43 79
	feeding on fallow rainfed cropping (B)	844	5 38
	feeding on fallow irrigated fields (E)	1263	8 05
	drinking from river bed or river bank (I)	5715	36 44
	feeding close to night enclosure and dwellings (K)	980	6 25
treking (to or from water) (W)	15	0 10	
CAMEL	feeding on range (A)	2103	29 72
	feeding on fallow rainfed cropping (B)	271	3 83
	feeding on enclosed land (D)	419	5 92
	drinking from river bed or river bank (I)	4282	60 52
DONKEY	feeding on range (A)	113	9 19
	feeding on enclosed land (D)	96	7 80
	feeding on fallow irrigated fields (E)	215	17 48
	drinking from river bed or river bank (I)	761	61 87
	feeding close to night enclosure and dwellings (K)	17	1 38
	draught animal (V)	19	1 54
treking (to or from water) (W)	9	0 73	

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 81

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	457	11 99
	feeding on fallow rainfed cropping (B)	2684	70 39
	feeding on abandoned rainfed fields (C)	104	2 73
	feeding on enclosed land (D)	200	5 25
	feeding on fallow irrigated fields (E)	90	2 36
	feeding on rainfed cropland (I)	278	7 29
SHEEP	feeding on fallow rainfed cropping (B)	205	81 03
	feeding on abandoned rainfed fields (C)	48	18 97
GOAT	feeding on fallow rainfed cropping (B)	64	30 05
	feeding on abandoned rainfed fields (C)	149	69 95
CAMEL	feeding on range (A)	21	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 80

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	642	30 43
	feeding on enclosed land (D)	23	1 09
	feeding on fallow irrigated fields (E)	184	8 72
	feeding on abandoned irrigated fields (F)	1108	52 51
	feeding on irrigated fields (and headlands canal banks) (G)	6	0 28
	feeding on land cleared for rainfed cropping (L)	14	0 66
	trekking (to or from water) (W)	133	6 30
SHEEP	feeding on range (A)	92	18 07
	feeding on enclosed land (D)	134	26 33
	feeding on fallow irrigated fields (E)	61	11 98
	feeding on abandoned irrigated fields (F)	119	23 38
	feeding on irrigated fields (and headlands canal banks) (G)	68	13 36
	drinking from river bed or river bank (I)	35	6 88
GOAT	feeding on range (A)	310	25 94
	feeding on enclosed land (D)	454	37 99
	feeding on fallow irrigated fields (E)	74	6 19
	feeding on abandoned irrigated fields (F)	244	20 42
	feeding on irrigated fields (and headlands canal banks) (G)	68	5 69
	drinking from river bed or river bank (I)	45	3 77
CAMEL	feeding on range (A)	293	95 13
	feeding on enclosed land (D)	15	4 87
DONKEY	feeding on range (A)	13	29 55
	feeding on abandoned irrigated fields (F)	29	65 91
	trekking (to or from water) (W)	2	4 55

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 83

	ACTIVITY	ESTIMATE	PERCENTAGE	
CATTLE	feeding on range (A)	9132	31 97	
	feeding on fallow rainfed cropping (B)	3407	11 93	
	feeding on abandoned rainfed fields (C)	1274	4 46	
	feeding on fallow irrigated fields (E)	5242	18 35	
	feeding on abandoned irrigated fields (F)	6078	21 28	
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	146	0 51	
	feeding close to night enclosure and dwellings (K)	118	0 41	
	feeding on irrigated banana plantations(P)	155	0 54	
	treking (to or from water) (W)	3012	10 54	
	SHEEP	feeding on range (A)	3096	48 06
		feeding on fallow rainfed cropping (B)	663	10 29
		feeding on abandoned rainfed fields (C)	143	2 22
feeding on enclosed land (D)		44	0 68	
feeding on fallow irrigated fields (E)		1001	15 54	
feeding on abandoned irrigated fields (F)		806	12 51	
feeding close to night enclosure and dwellings (K)		155	2 41	
feeding on irrigated banana plantations(P)		260	4 04	
treking (to or from water) (W)		274	4 25	
GOAT	feeding on range (A)	3810	42 03	
	feeding on fallow rainfed cropping (B)	2325	25 65	
	feeding on abandoned rainfed fields (C)	267	2 95	
	feeding on enclosed land (D)	69	0 76	
	feeding on fallow irrigated fields (E)	1070	11 80	
	feeding on abandoned irrigated fields (F)	205	2 26	
	feeding close to night enclosure and dwellings (K)	242	2 67	
	feeding on irrigated banana plantations(P)	199	2 20	
	treking (to or from water) (W)	877	9 68	
CAMEL	feeding on fallow rainfed cropping (B)	173	100 00	
DONKEY	feeding on fallow rainfed cropping (B)	125	86 81	
	feeding on abandoned rainfed fields (C)	19	13 19	

HAGAI SURVEY
ESTIMATES AND PERCENTAGE S OF LIVESTOCK ACTIVITIES IN REGION 82

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	181	7 64
	feeding on fallow rainfed cropping (B)	1798	75 86
	feeding on abandoned rainfed fields (C)	295	12 45
	feeding on rainfed cropland (I)	96	4 05
SHEEP	feeding on abandoned rainfed fields (C)	401	100 00
GOAT	feeding on abandoned rainfed fields (C)	126	100 00
CAMEL	feeding on range (A)	166	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 85

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	613	14 17
	feeding on fallow rainfed cropping (B)	1096	25 33
	feeding on fallow irrigated fields (E)	101	2 33
	feeding on abandoned irrigated fields (F)	673	15 55
	feeding close to night enclosure and dwellings (K)	1469	33 95
	feeding on rainfed cropland (T)	375	8 67
SHEEP	feeding on range (A)	104	23 01
	feeding on fallow rainfed cropping (B)	242	53 54
	feeding on fallow irrigated fields (E)	15	3 32
	feeding on abandoned irrigated fields (F)	91	20 13
GOAT	feeding on range (A)	325	56 33
	feeding on abandoned irrigated fields (F)	252	43 67
DONKEY	feeding on abandoned irrigated fields (F)	4	50 00
	draught animal (V)	4	50 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 84

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	17036	71 56
	feeding on fallow rainfed cropping (B)	31	0 13
	feeding on fallow irrigated fields (E)	16	0 07
	feeding on abandoned irrigated fields (F)	274	1 15
	feeding on rainfed cropland (T)	299	1 26
	treking (to or from water) (W)	10	0 04
	feeding on flooded pasture (Y)	6142	25 80
	SHEEP	feeding on range (A)	1506
feeding on fallow rainfed cropping (B)		117	6 11
feeding on abandoned irrigated fields (F)		73	3 81
treking (to or from water) (W)		220	11 48
GOAT	feeding on range (A)	918	81 02
	feeding on fallow rainfed cropping (B)	37	3 27
	feeding on abandoned irrigated fields (F)	94	8 30
	treking (to or from water) (W)	84	7 41
DONKEY	feeding on range (A)	73	56 59
	feeding on flooded pasture (Y)	56	43 41

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HAGAI SURVEY REGION 100 (cont)

		1193	25 01
DONKEY	feeding on range (A)	761	15 95
	feeding on fallow rainfed cropping (B)	19	0 40
	feeding on abandoned rainfed fields (C)	335	7 02
	feeding on enclosed land (D)	215	4 51
	feeding on fallow irrigated fields (E)	33	0 69
	feeding on abandoned irrigated fields (F)	854	17 90
	drinking from river bed or river bank (I)	591	12 39
	feeding close to night enclosure and dwellings (K)	135	2 83
	feeding on rainfed cropland (T)	516	10 82
	draught animal (V)	63	1 32
	treking (to or from water) (W)	56	1 17
	feeding on flooded pasture (Y)		

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN REGION 100

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	318243	66 19
	feeding on fallow rainfed cropping (B)	46731	9 72
	feeding on abandoned rainfed fields (C)	2750	0 57
	feeding on enclosed land (D)	8993	1 87
	feeding on fallow irrigated fields (E)	7340	1 53
	feeding on abandoned irrigated fields (F)	8132	1 69
	feeding on irrigated fields (and headlands canal banks) (G)	6	0 00
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1791	0 37
	drinking from river bed or river bank (I)	10493	2 18
	feeding close to night enclosure and dwellings (K)	29267	6 09
	feeding on land cleared for rainfed cropping (L)	632	0 13
	feeding on river bank cropping (M)	126	0 03
	feeding on irrigated banana plantations(P)	155	0 03
	feeding on dunes (R)	118	0 02
	feeding on rainfed cropland (T)	7611	1 58
	treking (to or from water) (W)	32241	6 71
	feeding on flooded pasture (Y)	6142	1 28
SHEEP	feeding on range (A)	282128	75 47
	feeding on fallow rainfed cropping (B)	13465	3 07
	feeding on abandoned rainfed fields (C)	1725	0 46
	feeding on enclosed land (D)	13001	3 48
	feeding on fallow irrigated fields (E)	3341	0 89
	feeding on abandoned irrigated fields (F)	1127	0 30
	feeding on irrigated fields (and headlands canal banks) (G)	68	0 02
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	232	0 06
	drinking from river bed or river bank (I)	26318	7 04
	feeding close to night enclosure and dwellings (K)	33285	8 90
	feeding on irrigated banana plantations(P)	260	0 07
treking (to or from water) (W)	895	0 24	
GOAT	feeding on range (A)	501360	76 54
	feeding on fallow rainfed cropping (B)	16141	2 46
	feeding on abandoned rainfed fields (C)	3350	0 51
	feeding on enclosed land (D)	27583	4 21
	feeding on fallow irrigated fields (E)	2736	0 42
	feeding on abandoned irrigated fields (F)	872	0 13
	feeding on irrigated fields (and headlands canal banks) (G)	68	0 01
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	389	0 06
	drinking from river bed or river bank (I)	42687	6 52
	feeding close to night enclosure and dwellings (K)	57037	8 71
	feeding on irrigated banana plantations(P)	199	0 03
	feeding on dunes (R)	243	0 04
	treking (to or from water) (W)	2372	0 36
CAMEL	feeding on range (A)	310728	88 79
	feeding on fallow rainfed cropping (B)	4809	1 37
	feeding on abandoned rainfed fields (C)	1147	0 33
	feeding on enclosed land (D)	1405	0 40
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	445	0 13
	drinking from river bed or river bank (I)	13781	3 94
	feeding close to night enclosure and dwellings (K)	11952	3 42
	feeding on rainfed cropland (T)	304	0 09
	draught animal (V)	252	0 07
	treking (to or from water) (W)	4089	1 17
	drinking from spring (X)	1062	0 30