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Livestock Activities
by Strata



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AERIAL RESOURCE AND
LAND-USE SURVEYS
IN THE JUBBA VALLEY

Volume 5
Livestock Activities
by Strata

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Chapter 11

Appendix 11 Part 5

Tables of results showing
activities of livestock for
the strata in the first Jilaal
the second Jilaal & the
Hadai Survey

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 1

	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 STRATUM 2

	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 STRATUM 4

	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 STRATUM 3

	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 STRATUM 5

	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 STRATUM 6

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1041	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 STRATUM 7

	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 STRATUM 8

	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 STRATUM 9

	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)	1169	40 49
	feeding on fallow rainfed cropping (B)	1586	54 94
	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 STRATUM 11

ACTIVITY	ESTIMATE	PERCENTAGE
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FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 13

	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 STRATUM 14

	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 STRATUM 15

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	9	0 21
	feeding on fallow rainfed cropping (B)	644	15 38
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	343	8 19
	carrying fodder or pulling cart carrying fodder (R)	3185	76 07
	feeding on mechanised rainfed fallow (S)	6	0 14
GOAT	feeding on fallow rainfed cropping (B)	404	16 67
	feeding on abandoned irrigated fields (F)	1455	60 05
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	564	23 28

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 16

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on fallow rainfed cropping (B)	300	34 32
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	224	25 63
	drinking at well (J)	350	40 05
SHEEP	feeding on fallow rainfed cropping (B)	1208	100 00
GOAT	feeding on fallow rainfed cropping (B)	1335	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 17

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on abandoned irrigated fields (F)	291	36 51
	draught animal (V)	506	63 49
GOAT	feeding on abandoned irrigated fields (F)	102	46 36
	draught animal (V)	118	53 64
DONKEY	draught animal (V)	11	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 18

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1080	41 14
	feeding on fallow rainfed cropping (B)	312	11 89
	feeding on abandoned rainfed fields (C)	297	11 31
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	819	31 20
	feeding on irrigated banana plantations(P)	98	3 73
	feeding on mechanised rainfed fallow (S)	19	0 72
GOAT	feeding on fallow rainfed cropping (B)	112	8 73
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1046	81 53
	feeding close to night enclosure and dwellings (K)	125	9 74

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	354	7.25
	feeding on fallow rainfed cropping (B)	3969	81.27
	feeding on abandoned rainfed fields (C)	329	6.74
	feeding on fallow irrigated fields (E)	222	4.55
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	10	0.20
SHEEP	feeding on range (A)	162	14.36
	feeding on fallow rainfed cropping (B)	966	85.64
GOAT	feeding on fallow rainfed cropping (B)	2167	98.81
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	26	1.19
CAMEL	feeding on fallow rainfed cropping (B)	12	100.00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	458	25.77
	feeding on fallow rainfed cropping (B)	225	12.66
	feeding on fallow irrigated fields (E)	19	1.07
	feeding on abandoned irrigated fields (F)	695	39.11
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	80	4.50
	treking (O)	300	16.88
	SHEEP	feeding on range (A)	110
feeding on abandoned irrigated fields (F)		396	59.19
stall fed (feeding in enclosure or at a cut heap of crop residues) (H)		72	10.76
treking (O)		91	13.60
GOAT	feeding on range (A)	237	18.66
	feeding on abandoned irrigated fields (F)	862	67.87
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	56	4.41
	treking (O)	115	9.06

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

	ACTIVITY	ESTIMATE	PERCENTAGE
DONKEY	feeding on mechanised rainfed fallow (S)	14	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 26

	ACTIVITY	ESTIMATE	PERCENTAGE
GOAT	feeding on fallow rainfed cropping (B)	55	100 00
DONKEY	draught animal (V)	6	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 27

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on fallow rainfed cropping (B)	144	100 00
SHEEP	feeding on fallow rainfed cropping (B)	621	100 00
GOAT	feeding on fallow rainfed cropping (B)	3073	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on fallow rainfed cropping (B)	12918	64 10
	feeding on abandoned rainfed fields (C)	169	0 84
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	923	4 58
	drinking at well (J)	121	0 60
	carrying fodder or pulling cart carrying fodder (R)	6022	29 88
SHEEP	feeding on range (A)	1922	61 21
	feeding on fallow rainfed cropping (B)	1077	34 30
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	17	0 54
	drinking at well (J)	124	3 95
GOAT	feeding on range (A)	1738	46 36
	feeding on fallow rainfed cropping (B)	1645	43 88
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	61	1 63
	drinking at well (J)	305	8 14
CAMEL	feeding on fallow rainfed cropping (B)	157	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 STRATUM 29

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	39	42 86
	feeding on fallow rainfed cropping (B)	51	56 04
	feeding on abandoned rainfed fields (C)	1	1 10
SHEEP	feeding on fallow rainfed cropping (B)	20	100 00
GOAT	feeding on fallow rainfed cropping (B)	14	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 30

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5781	33 47
	feeding on fallow rainfed cropping (B)	7873	45 58
	feeding on abandoned rainfed fields (C)	501	2 90
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	146	0 85
	feeding on irrigated sugar plantations (U)	2971	17 20
SHEEP	feeding on range (A)	121	32 10
	feeding on fallow rainfed cropping (B)	72	19 10
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	40	10 61
	feeding on irrigated sugar plantations (U)	144	38 20
GOAT	feeding on range (A)	485	58 72
	feeding on irrigated sugar plantations (U)	341	41 28
DONKEY	feeding on fallow rainfed cropping (B)	54	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	416	26 48
	feeding on abandoned rainfed fields (C)	660	42 01
	feeding on fallow irrigated fields (E)	327	20 81
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	168	10 69
GOAT	feeding on abandoned rainfed fields (C)	50	100 00
DONKEY	feeding on abandoned rainfed fields (C)	15	100 00

FIRST JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 33

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on abandoned irrigated fields (F)	593	72 14
	drinking from river bed or river bank (I)	41	4 99
	feeding on irrigated sugar plantations (U)	188	22 87
GOAT	drinking from river bed or river bank (I)	254	73 62
	feeding on irrigated sugar plantations (U)	91	26 38
CAMEL	drinking from river bed or river bank (I)	18	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 2

	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
DOWKEY	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 STRATUM 1

	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
DOWKEY	drinking from river bed or river bank (I)	308	100 00

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

	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) (N)	322	2 61
	SHEEP	feeding on range (A)	22860
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) (N)		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) (N)	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) (N)	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) (N)	159	10 85
	draught animal (V)	2	0 14

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

	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 STRATUM 6

	ACTIVITY	ESTIMATE	PERCENTAGE
CATLE	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) (M)	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) (M)		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) (M)	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) (M)	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 JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 5

	ACTIVITY	ESTIMATE	PERCENTAGE
CATLE	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 JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 8

	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 (D)	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)	70	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 JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 7

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

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

	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 JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 9

	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)	631	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
DONKEY	feeding on fallow rainfed cropping (B)	99	73 88
	draught animal (V)	35	26 12

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SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 13

	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
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 STRATUM 12

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

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 15

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	147	11 00
	feeding on fallow rainfed cropping (B)	1049	78 52
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	140	10 48
SHEEP	feeding on range (A)	117	22 72
	feeding on fallow rainfed cropping (B)	246	47 77
	feeding close to night enclosure and dwellings (K)	152	29 51
GOAT	feeding on range (A)	207	29 66
	feeding on fallow rainfed cropping (B)	31	4 44
	feeding close to night enclosure and dwellings (K)	460	65 90
CAMEL	feeding on range (A)	633	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 14

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

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	340	8 55
	feeding on fallow rainfed cropping (B)	218	5 48
	feeding on abandoned irrigated fields (F)	524	13 18
	feeding on land cleared for irrigation (O)	173	4 35
	feeding on fallow irrigated sugar plantations (I)	1216	30 58
	feeding on irrigated sugar plantations (U)	1506	37 87
SHEEP	feeding on abandoned irrigated fields (F)	111	8 00
	feeding on land cleared for irrigation (O)	208	15 00
	feeding on irrigated sugar plantations (U)	1068	77 00
GOAT	feeding on abandoned irrigated fields (F)	331	20 32
	feeding on land cleared for irrigation (O)	232	14 24
	feeding on irrigated sugar plantations (U)	1066	65 44
DONKEY	feeding on abandoned irrigated fields (F)	32	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	11234	34 86
	feeding on fallow rainfed cropping (B)	18599	57 72
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1019	3 16
	treking (to or from water) (W)	1373	4 26
SHEEP	feeding on range (A)	2262	100 00
GOAT	feeding on range (A)	78	100 00

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

	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 STRATUM 18

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1875	33 27
	feeding on fallow rainfed cropping (B)	3761	66 73
SHEEP	feeding on range (A)	820	41 48
	feeding on fallow rainfed cropping (B)	985	49 82
	feeding on abandoned rainfed fields (C)	172	8 70
GOAT	feeding on range (A)	740	36 49
	feeding on fallow rainfed cropping (B)	1129	55 67
	feeding on abandoned rainfed fields (C)	159	7 84
CAMEL	feeding on range (A)	556	32 25
	feeding on fallow rainfed cropping (B)	11	0 64
	drinking at well (J)	1157	67 11

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	89	3 54
	feeding on irrigated fields (and headlands canal banks) (G)	33	1 31
	drinking from canal (S)	2391	95 15
CAMEL	drinking from canal (S)	42	100 00
DONKEY	drinking from canal (S)	21	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 20

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	855	25 12
	feeding on fallow rainfed cropping (B)	705	20 71
	feeding on fallow irrigated fields (E)	747	21 94
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	166	4 88
	drinking at well (J)	17	0 50
	treking (to or from water) (W)	914	26 85
SHEEP	feeding on range (A)	145	19 86
	feeding on fallow rainfed cropping (B)	518	70 96
	feeding close to night enclosure and dwellings (K)	67	9 18
GOAT	feeding on range (A)	248	23 80
	feeding on fallow rainfed cropping (B)	794	76 20

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 23

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3290	17 80
	feeding on fallow rainfed cropping (B)	3193	17 28
	feeding on fallow irrigated fields (E)	10234	55 37
	feeding on irrigated fields (and headlands canal banks) (G)	1765	9 55
SHEEP	feeding on fallow irrigated fields (E)	1634	94 83
	feeding on irrigated fields (and headlands canal banks) (G)	89	5 17
GOAT	feeding on fallow irrigated fields (E)	3722	99 44
	feeding on irrigated fields (and headlands canal banks) (G)	21	0 56

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 22

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2694	48 75
	feeding on fallow irrigated fields (E)	1663	30 09
	feeding on land cleared for rainfed cropping (L)	895	16 20
	feeding on irrigated banana plantations(P)	274	4 96
SHEEP	feeding on range (A)	1124	75 18
	feeding on fallow irrigated fields (E)	152	10 17
	feeding on irrigated banana plantations(P)	219	14 65
GOAT	feeding on range (A)	520	56 03
	feeding on fallow irrigated fields (E)	108	11 64
	feeding on irrigated banana plantations(P)	300	32 33

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 26

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	22	100 00
SHEEP	feeding on range (A)	48	100 00
GOAT	feeding on range (A)	26	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1748	27 57
	feeding on fallow rainfed cropping (B)	4166	65 70
	feeding on abandoned irrigated fields (F)	382	6 02
	treking (to or from water) (W)	45	0 71
SHEEP	feeding on range (A)	308	16 38
	feeding on fallow rainfed cropping (B)	906	48 19
	feeding on fallow irrigated fields (E)	666	35 43
GOAT	feeding on range (A)	476	34 39
	feeding on fallow rainfed cropping (B)	711	51 37
	feeding on fallow irrigated fields (E)	197	14 23
CAMEL	feeding on range (A)	46	100 00
DONKEY	draught animal (V)	10	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1642	17 55
	feeding on fallow rainfed cropping (B)	6983	74 62
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	617	6 59
	feeding close to night enclosure and dwellings (K)	116	1 24
SHEEP	feeding on range (A)	1597	53 75
	feeding on fallow rainfed cropping (B)	1374	46 25
GOAT	feeding on range (A)	1134	62 90
	feeding on fallow rainfed cropping (B)	669	37 10
CAMEL	feeding on range (A)	16	3 70
	feeding on fallow rainfed cropping (B)	402	93 06
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	9	2 08
	treking (to or from water) (M)	5	1 16
DONKEY	feeding on fallow rainfed cropping (B)	10	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	227	8 14
	drinking at well (J)	2560	91 86
SHEEP	feeding on range (A)	105	100 00
GOAT	feeding on range (A)	433	100 00
CAMEL	drinking at well (J)	140	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 30

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1637	10 91
	feeding on fallow rainfed cropping (B)	10679	71 14
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	416	2 77
	treking (to or from water) (W)	2279	15 18
SHEEP	feeding on range (A)	575	29 81
	feeding on fallow rainfed cropping (B)	1354	70 19
GOAT	feeding on range (A)	210	8 37
	feeding on fallow rainfed cropping (B)	2300	91 63
CAMEL	feeding on range (A)	433	33 78
	feeding on fallow rainfed cropping (B)	849	66 22
DONKEY	feeding on range (A)	38	29 69
	draught animal (V)	90	70 31

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 29

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	94	100 00
SHEEP	feeding on abandoned irrigated fields (F)	10	100 00
GOAT	feeding on fallow rainfed cropping (B)	39	66 10
	feeding on abandoned irrigated fields (F)	20	33 90
CAMEL	feeding on range (A)	6	100 00
DONKEY	feeding on range (A)	1	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 33

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	386	45 09
	feeding on fallow rainfed cropping (B)	97	11 33
	feeding on abandoned rainfed fields (C)	20	2 34
	feeding on abandoned irrigated fields (F)	353	41 24
SHEEP	feeding on fallow rainfed cropping (B)	5	0 61
	feeding on abandoned irrigated fields (F)	810	99 39
GOAT	feeding on fallow rainfed cropping (B)	11	2 56
	feeding on abandoned irrigated fields (F)	418	97 44

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on fallow rainfed cropping (B)	2141	44 79
	feeding on abandoned rainfed fields (C)	461	9 64
	feeding on fallow irrigated fields (E)	2178	45 56
SHEEP	feeding on abandoned rainfed fields (C)	96	22 86
	feeding on fallow irrigated fields (E)	239	56 90
	feeding close to night enclosure and dwellings (K)	85	20 24
GOAT	feeding on range (A)	60	10 79
	feeding on fallow rainfed cropping (B)	156	28 06
	feeding on abandoned rainfed fields (C)	170	30 58
	feeding on fallow irrigated fields (E)	92	16 55
	feeding close to night enclosure and dwellings (K)	78	14 03
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 STRATUM 36

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	16245	100 00
GOAT	feeding on range (A)	11515	100 00
CAMEL	feeding on range (A)	582	100 00
BOWIEY	feeding on range (A)	76	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 35

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	2016	100 00
GOAT	feeding on range (A)	4480	100 00
CAMEL	feeding on range (A)	465	92 45
	feeding close to night enclosure and dwellings (K)	38	7 55

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

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	2800	100 00
GOAT	feeding on range (A)	7504	100 00
CAMEL	feeding on range (A)	388	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	12720	99 16
	feeding close to night enclosure and dwellings (K)	108	0 84
GOAT	feeding on range (A)	13865	98 77
	feeding close to night enclosure and dwellings (K)	172	1 23
CAMEL	feeding on range (A)	4490	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 40

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	739	100 00
SHEEP	feeding on range (A)	6951	96 84
	feeding close to night enclosure and dwellings (K)	227	3 16
GOAT	feeding on range (A)	7895	95 72
	feeding close to night enclosure and dwellings (K)	353	4 28
CAMEL	feeding on range (A)	29	100 00
DOWKEY	feeding on range (A)	442	88 40
	feeding close to night enclosure and dwellings (K)	58	11 60

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 39

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	3957	58 94
	feeding close to night enclosure and dwellings (K)	2757	41 06
GOAT	feeding on range (A)	9374	66 49
	feeding close to night enclosure and dwellings (K)	4725	33 51
CAMEL	feeding on range (A)	719	100 00
DOWKEY	feeding close to night enclosure and dwellings (K)	219	86 22
	draught animal (V)	35	13 78

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 42

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	107	100 00
SHEEP	feeding on range (A)	3468	80 95
	drinking from river bed or river bank (I)	816	19 05
GOAT	feeding on range (A)	6520	81 62
	drinking from river bed or river bank (I)	1468	18 38
CAMEL	feeding on range (A)	869	100 00
DONKEY	feeding on range (A)	112	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 41

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	4812	90 49
	feeding close to night enclosure and dwellings (K)	506	9 51
GOAT	feeding on range (A)	6076	87 77
	feeding close to night enclosure and dwellings (K)	847	12 23
CAMEL	feeding on range (A)	682	88 69
	feeding close to night enclosure and dwellings (K)	87	11 31
DONKEY	feeding on range (A)	28	14 29
	feeding close to night enclosure and dwellings (K)	168	85 71

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

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	7125	94.22
	feeding close to night enclosure and dwellings (K)	437	5.78
GOAT	feeding on range (A)	13666	95.24
	feeding close to night enclosure and dwellings (K)	683	4.76
CAMEL	feeding on range (A)	1496	94.68
	draught animal (V)	84	5.32

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CAMEL	feeding on range (A)	433	100.00
DONKEY	feeding on range (A)	84	100.00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	970	82 98
	feeding on enclosed land (D)	199	17 02
SHEEP	feeding on range (A)	6038	93 55
	feeding close to night enclosure and dwellings (K)	416	6 45
GOAT	feeding on range (A)	8959	93 22
	feeding close to night enclosure and dwellings (K)	652	6 78
CAMEL	feeding on range (A)	2831	100 00
DONKEY	feeding on enclosed land (D)	88	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3889	100 00
SHEEP	feeding on range (A)	7950	90 07
	feeding close to night enclosure and dwellings (K)	876	9 93
GOAT	feeding on range (A)	13151	95 33
	feeding close to night enclosure and dwellings (K)	644	4 67
CAMEL	feeding on range (A)	5255	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 48

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2254	100 00
SHEEP	feeding on range (A)	23395	97 30
	feeding close to night enclosure and dwellings (K)	649	2 70
GOAT	feeding on range (A)	41819	97 40
	feeding close to night enclosure and dwellings (K)	1116	2 60
CAMEL	feeding on range (A)	12637	100 00
DONKEY	feeding on range (A)	177	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 47

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	705	100 00
SHEEP	feeding on range (A)	21774	98 49
	feeding close to night enclosure and dwellings (K)	334	1 51
GOAT	feeding on range (A)	30076	96 84
	feeding close to night enclosure and dwellings (K)	980	3 16
CAMEL	feeding on range (A)	5495	95 12
	feeding close to night enclosure and dwellings (K)	182	3 15
	draught animal (V)	100	1 73

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 50

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	334	22 57
	treking (to or from water) (W)	1146	77 43
SHEEP	feeding on range (A)	24862	93 46
	feeding close to night enclosure and dwellings (K)	269	1 01
	treking (to or from water) (W)	1471	5 53
GOAT	feeding on range (A)	42428	93 06
	feeding close to night enclosure and dwellings (K)	417	0 91
	treking (to or from water) (W)	2746	6 02
CAMEL	feeding on range (A)	14419	77 75
	treking (to or from water) (W)	3331	17 96
	drinking from spring (X)	796	4 29
DONKEY	draught animal (V)	118	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 49

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	617	58 32
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	441	41 68
SHEEP	feeding on range (A)	12313	86 57
	feeding on enclosed land (D)	415	2 92
	feeding close to night enclosure and dwellings (K)	1495	10 51
GOAT	feeding on range (A)	26463	88 08
	feeding on enclosed land (D)	1105	3 68
	feeding close to night enclosure and dwellings (K)	2477	8 24
CAMEL	feeding on range (A)	5360	76 77
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	268	3 84
	feeding close to night enclosure and dwellings (K)	819	11 73
	drinking from spring (X)	535	7 66
DONKEY	feeding on range (A)	179	41 06
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	46	10 55
	feeding close to night enclosure and dwellings (K)	182	41 74
	draught animal (V)	29	6 65

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3218	68 75
	treking (to or from water) (W)	1463	31 25
SHEEP	feeding on range (A)	8955	85 73
	drinking at well (J)	883	8 45
	feeding close to night enclosure and dwellings (K)	607	5 81
GOAT	feeding on range (A)	15657	67 81
	drinking at well (J)	6472	28 03
	feeding close to night enclosure and dwellings (K)	962	4 17
CAMEL	feeding on range (A)	9238	79 89
	feeding on fallow rainfed cropping (B)	236	2 04
	drinking at well (J)	2002	17 31
	draught animal (V)	88	0 76
DONKEY	feeding on range (A)	29	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1078	100 00
SHEEP	feeding on range (A)	12417	100 00
GOAT	feeding on range (A)	28287	100 00
CAMEL	feeding on range (A)	5999	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 54

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1755	53 62
	feeding on fallow rainfed cropping (B)	284	8 68
	feeding on enclosed land (D)	1014	30 98
	feeding close to night enclosure and dwellings (K)	220	6 72
SHEEP	feeding on range (A)	11837	93 21
	feeding close to night enclosure and dwellings (K)	862	6 79
GOAT	feeding on range (A)	13858	90 34
	feeding close to night enclosure and dwellings (K)	1481	9 66
CAMEL	feeding on range (A)	11107	92 44
	feeding close to night enclosure and dwellings (K)	774	6 44
	carrying aqallo for nomadic movement (Y)	134	1 12

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 53

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1741	88 78
	feeding on enclosed land (D)	220	11 22
SHEEP	feeding on range (A)	8030	94 20
	feeding close to night enclosure and dwellings (K)	494	5 80
GOAT	feeding on range (A)	12009	95 35
	feeding close to night enclosure and dwellings (K)	585	4 65
CAMEL	feeding on range (A)	6082	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1080	42 29
	drinking from spring (X)	1474	57 71
SHEEP	feeding on range (A)	647	58 07
	treking (to or from water) (W)	452	41 13
GOAT	feeding on range (A)	1016	32 28
	treking (to or from water) (W)	2131	67 72
CAMEL	feeding on range (A)	2273	81 15
	treking (to or from water) (W)	445	15 89
	carrying aqallo for nomadic movement (Y)	83	2 96

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5483	100 00
SHEEP	feeding on range (A)	5962	96 79
	feeding close to night enclosure and dwellings (X)	198	3 21
GOAT	feeding on range (A)	9200	94 29
	feeding close to night enclosure and dwellings (X)	557	5 71
CAMEL	feeding on range (A)	10248	98 93
	carrying aqallo for nomadic movement (Y)	111	1 07

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1121	41 33
	feeding on fallow rainfed cropping (B)	536	19 76
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	332	12 24
	treking (to or from water) (U)	723	26 66
SHEEP	feeding on range (A)	6536	73 48
	feeding close to night enclosure and dwellings (K)	2359	26 52
GOAT	feeding on range (A)	8844	76 46
	feeding close to night enclosure and dwellings (K)	2723	23 54
CAMEL	feeding on range (A)	7530	93 45
	feeding on fallow rainfed cropping (B)	28	0 35
	feeding close to night enclosure and dwellings (K)	250	3 10
	draught animal (V)	139	1 72
	carrying aqallo for nomadic movement (Y)	111	1 38
DONKEY	feeding close to night enclosure and dwellings (K)	306	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 57

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1391	100 00
GOAT	feeding on range (A)	1109	100 00
CAMEL	feeding on range (A)	3302	95 19
	draught animal (V)	167	4 81

SECOND JILAAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 60

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5216	35 75
	feeding on fallow rainfed cropping (B)	6188	42 41
	feeding on enclosed land (D)	511	3 50
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	120	0 82
	treking (to or from water) (W)	2557	17 52
SHEEP	feeding on range (A)	25852	85 77
	feeding on fallow rainfed cropping (B)	1143	3 79
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	493	1 64
	feeding close to night enclosure and dwellings (K)	2110	7 00
	feeding on land cleared for rainfed cropping (L)	544	1 80
GOAT	feeding on range (A)	25870	77 38
	feeding on fallow rainfed cropping (B)	1702	5 09
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	1008	3 02
	feeding close to night enclosure and dwellings (K)	3618	10 82
	feeding on land cleared for rainfed cropping (L)	1233	3 69
CAMEL	feeding on range (A)	3504	94 07
	feeding on fallow rainfed cropping (B)	62	1 66
	feeding close to night enclosure and dwellings (K)	128	3 44
	treking (to or from water) (W)	31	0 83
DONKEY	feeding on range (A)	187	50 00
	feeding on abandoned rainfed fields (C)	94	25 13
	feeding close to night enclosure and dwellings (K)	62	16 58
	draught animal (V)	31	8 29

SECOND JILAAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 59

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1363	16 87
	feeding on fallow rainfed cropping (B)	3260	40 35
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	513	6 35
	feeding close to night enclosure and dwellings (K)	444	5 50
	treking (to or from water) (W)	2499	30 93
SHEEP	feeding on range (A)	15143	66 85
	feeding on fallow rainfed cropping (B)	3924	17 32
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	104	0 46
	feeding close to night enclosure and dwellings (K)	3480	15 36
GOAT	feeding on range (A)	24655	69 88
	feeding on fallow rainfed cropping (B)	5760	16 33
	feeding close to night enclosure and dwellings (K)	4867	13 79
CAMEL	feeding on range (A)	6151	86 87
	feeding close to night enclosure and dwellings (K)	337	4 76
	treking (to or from water) (W)	593	8 37
DONKEY	feeding on range (A)	144	48 00
	feeding close to night enclosure and dwellings (K)	156	52 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3118	49 34
	feeding on fallow rainfed cropping (B)	3202	50 66
SHEEP	feeding on range (A)	624	34 76
	feeding on fallow rainfed cropping (B)	110	6 13
	feeding close to night enclosure and dwellings (K)	1061	59 11
GOAT	feeding on range (A)	2471	58 44
	feeding close to night enclosure and dwellings (K)	1757	41 56
CAMEL	feeding on range (A)	4111	88 01
	feeding on fallow rainfed cropping (B)	222	4 75
	feeding close to night enclosure and dwellings (K)	310	6 64
	draught animal (V)	28	0 60
DONKEY	feeding on fallow rainfed cropping (B)	56	28 72
	feeding close to night enclosure and dwellings (K)	111	56 92
	draught animal (V)	28	14 36

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1636	18 73
	feeding on fallow rainfed cropping (B)	3287	37 63
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	374	4 28
	feeding close to night enclosure and dwellings (K)	564	6 46
	drinking from pool (Z)	2874	32 90
SHEEP	feeding on range (A)	3055	19 47
	feeding on fallow rainfed cropping (B)	3072	19 58
	feeding close to night enclosure and dwellings (K)	1389	8 85
	drinking from pool (Z)	8177	52 11
GOAT	feeding on range (A)	4091	22 06
	feeding on fallow rainfed cropping (B)	2666	14 38
	feeding close to night enclosure and dwellings (K)	2268	12 23
	drinking from pool (Z)	9516	51 32
CAMEL	feeding on range (A)	7932	66 61
	feeding on fallow rainfed cropping (B)	722	6 06
	feeding close to night enclosure and dwellings (K)	43	0 36
	treking (to or from water) (W)	639	5 37
	drinking from pool (Z)	2573	21 61
DONKEY	feeding close to night enclosure and dwellings (K)	306	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3084	51 19
	feeding on fallow rainfed cropping (B)	2010	33 36
	feeding on abandoned rainfed fields (C)	509	8 45
	feeding close to night enclosure and dwellings (K)	422	7 00
SHEEP	feeding on range (A)	1425	76 24
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	83	4 44
	feeding close to night enclosure and dwellings (K)	361	19 32
GOAT	feeding on range (A)	2548	75 06
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	138	4 11
	feeding close to night enclosure and dwellings (K)	673	20 04
CAMEL	feeding on range (A)	6323	93 23
	feeding on fallow rainfed cropping (B)	333	4 91
	feeding close to night enclosure and dwellings (K)	126	1 86
DONKEY	feeding close to night enclosure and dwellings (K)	56	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2276	38 18
	feeding on fallow rainfed cropping (B)	3537	59 33
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	107	1 79
	feeding close to night enclosure and dwellings (K)	42	0 70
SHEEP	feeding on range (A)	4252	79 48
	feeding on fallow rainfed cropping (B)	240	4 49
	feeding close to night enclosure and dwellings (K)	858	16 04
GOAT	feeding on range (A)	5716	73 99
	feeding on fallow rainfed cropping (B)	696	9 01
	feeding close to night enclosure and dwellings (K)	1313	17 00
CAMEL	feeding on range (A)	7685	92 26
	feeding on fallow rainfed cropping (B)	83	1 00
	feeding on enclosed land (D)	28	0 34
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	56	0 67
	feeding close to night enclosure and dwellings (K)	172	2 06
	treking (to or from water) (W)	306	3 67

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2765	100 00
CAMEL	feeding on range (A)	1657	85 94
	draught animal (V)	271	14 06
DONKEY	feeding on range (A)	656	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 65

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	223	100 00
SHEEP	feeding on range (A)	248	100 00
GOAT	feeding on range (A)	149	100 00
CAMEL	feeding on range (A)	1013	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 68

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	16099	100 00
CAMEL	feeding on range (A)	3070	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 67

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	4593	100 00
CAMEL	feeding on range (A)	829	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	937	33 77
	feeding on fallow rainfed cropping (B)	201	7 24
	feeding close to night enclosure and dwellings (K)	803	28 94
	treking (to or from water) (W)	834	30 05
SHEEP	feeding on range (A)	3124	75 71
	feeding on fallow rainfed cropping (B)	59	1 43
	feeding close to night enclosure and dwellings (K)	943	22 86
GOAT	feeding on range (A)	8321	79 40
	feeding on fallow rainfed cropping (B)	325	3 10
	feeding close to night enclosure and dwellings (K)	1834	17 50
CAMEL	feeding on range (A)	7363	96 97
	feeding close to night enclosure and dwellings (K)	230	3 03
DONKEY	feeding close to night enclosure and dwellings (K)	138	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	8011	87 94
	feeding close to night enclosure and dwellings (K)	178	1 95
	treking (to or from water) (W)	921	10 11
SHEEP	feeding on range (A)	4563	90 93
	feeding close to night enclosure and dwellings (K)	455	9 07
GOAT	feeding on range (A)	12846	90 93
	feeding close to night enclosure and dwellings (K)	1281	9 07
CAMEL	feeding on range (A)	4358	98 64
	draught animal (V)	60	1 36
DONKEY	feeding on range (A)	119	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2408	100 00
SHEEP	feeding close to night enclosure and dwellings (K)	32	100 00
GOAT	feeding close to night enclosure and dwellings (K)	68	100 00
CAMEL	feeding on range (A)	3499	96 71
	draught animal (V)	30	0 83
	treking (to or from water) (W)	89	2 46

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	7406	88 89
	feeding close to night enclosure and dwellings (K)	351	4 21
	treking (to or from water) (W)	575	6 90
SHEEP	feeding on range (A)	149	45 02
	feeding close to night enclosure and dwellings (K)	182	54 98
GOAT	feeding on range (A)	992	67 95
	feeding close to night enclosure and dwellings (K)	468	32 05
CAMEL	feeding on range (A)	5338	81 73
	feeding on fallow rainfed cropping (B)	1193	18 27
DONKEY	feeding close to night enclosure and dwellings (K)	60	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1791	30 88
	feeding close to night enclosure and dwellings (K)	844	14 55
	treking (to or from water) (W)	3165	54 57
SHEEP	feeding on range (A)	1290	74 52
	feeding close to night enclosure and dwellings (K)	441	25 48
GOAT	feeding on range (A)	2381	77 36
	feeding close to night enclosure and dwellings (K)	697	22 64
CAMEL	feeding on range (A)	4654	70 91
	treking (to or from water) (W)	1909	29 09
DONKEY	feeding on range (A)	138	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	813	78 47
	feeding close to night enclosure and dwellings (K)	223	21 53
SHEEP	feeding on range (A)	515	37 54
	feeding close to night enclosure and dwellings (K)	857	62 46
GOAT	feeding on range (A)	725	37 16
	feeding close to night enclosure and dwellings (K)	1226	62 84
CAMEL	feeding on range (A)	7274	94 05
	feeding close to night enclosure and dwellings (K)	460	5 95

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CAMEL	feeding on range (A)	540	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 75

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1800	100 00
CAMEL	feeding on range (A)	1752	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 78

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5720	100 00
CAMEL	feeding on range (A)	179	100 00

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

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	8443	100 00
CAMEL	feeding on range (A)	664	57 69
	feeding close to night enclosure and dwellings (K)	487	42 31

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 80

	ACTIVITY	ESTIMATE	PERCENTAGE
CAMEL	feeding on range (A)	88	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 79

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	9300	100 00
SHEEP	feeding on range (A)	405	100 00
GOAT	feeding on range (A)	787	100 00
CAMEL	feeding on range (A)	487	61 10
	feeding close to night enclosure and dwellings (K)	310	38 90

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 82

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	6643	100 00
SHEEP	feeding close to night enclosure and dwellings (K)	486	100 00
GOAT	feeding close to night enclosure and dwellings (K)	1040	100 00
CAMEL	feeding on range (A)	2544	78 23
	feeding close to night enclosure and dwellings (K)	708	21 77

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 81

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	8893	54 39
	treking (to or from water) (W)	7457	45 61
SHEEP	feeding close to night enclosure and dwellings (K)	199	100 00
GOAT	feeding close to night enclosure and dwellings (K)	511	100 00
DOWIEY	treking (to or from water) (W)	885	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM B4

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	4029	100 00
SHEEP	feeding on range (A)	1239	100 00
GOAT	feeding on range (A)	906	100 00
CAMEL	feeding on range (A)	9424	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM B3

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2614	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM B6

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1419	23 27
	feeding close to night enclosure and dwellings (K)	222	3 64
	treking (to or from water) (W)	4458	73 09
SHEEP	feeding close to night enclosure and dwellings (K)	143	100 00
GOAT	feeding close to night enclosure and dwellings (K)	202	100 00
CAMEL	feeding close to night enclosure and dwellings (K)	229	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM B5

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	64224	79 24
	feeding close to night enclosure and dwellings (K)	13390	16 52
	treking (to or from water) (W)	3431	4 23
SHEEP	feeding on range (A)	8595	75 20
	feeding close to night enclosure and dwellings (K)	2834	24 80
GOAT	feeding on range (A)	16334	75 46
	feeding close to night enclosure and dwellings (K)	5311	24 54
CAMEL	feeding on range (A)	25325	97 69
	feeding close to night enclosure and dwellings (K)	441	1 70
	draught animal (V)	157	0 61
DONKEY	feeding on range (A)	94	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 88

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	6435	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 87

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	9312	74 08
	feeding close to night enclosure and dwellings (K)	175	1 39
	treking (to or from water) (M)	3084	24 53
SHEEP	feeding on range (A)	150	43 86
	feeding close to night enclosure and dwellings (K)	192	56 14
GOAT	feeding on range (A)	201	32 90
	feeding close to night enclosure and dwellings (K)	410	67 10
CAMEL	feeding on range (A)	242	100 00
DONKEY	feeding on range (A)	308	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 90

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3243	100 00
SHEEP	feeding on range (A)	7576	86 92
	feeding on fallow rainfed cropping (B)	534	6 13
	feeding close to night enclosure and dwellings (K)	606	6 95
GOAT	feeding on range (A)	6810	73 77
	feeding on fallow rainfed cropping (B)	784	8 49
	feeding close to night enclosure and dwellings (K)	1637	17 73
CAMEL	feeding on range (A)	5058	99 31
	draught animal (V)	35	0 69
DONKEY	feeding on range (A)	35	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 89

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	22886	86 53
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	3030	11 46
	feeding close to night enclosure and dwellings (K)	447	1 69
	treking (to or from water) (W)	87	0 33
SHEEP	feeding on range (A)	1015	100 00
GOAT	feeding on range (A)	1315	100 00
CAMEL	feeding on range (A)	1501	100 00
DONKEY	feeding on range (A)	46	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 92

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	4018	89 77
	feeding close to night enclosure and dwellings (K)	458	10 23
SHEEP	feeding on range (A)	5643	55 65
	feeding on fallow rainfed cropping (B)	2138	21 08
	feeding close to night enclosure and dwellings (K)	2359	23 26
GOAT	feeding on range (A)	9037	41 46
	feeding on fallow rainfed cropping (B)	8694	39 89
	feeding close to night enclosure and dwellings (K)	4064	18 65
CAMEL	feeding on range (A)	3368	95 63
	feeding on fallow rainfed cropping (B)	123	3 49
	draught animal (V)	31	0 88

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 91

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	871	76 61
	feeding on fallow rainfed cropping (B)	266	23 39
SHEEP	feeding on range (A)	3172	92 10
	feeding close to night enclosure and dwellings (K)	272	7 90
GOAT	feeding on range (A)	7074	89 62
	feeding on fallow rainfed cropping (B)	122	1 55
	feeding close to night enclosure and dwellings (K)	697	8 83
CAMEL	feeding on range (A)	12495	92 89
	feeding close to night enclosure and dwellings (K)	804	5 98
	draught animal (V)	153	1 14

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 94

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5063	88 87
	treking (to or from water) (W)	634	11 13
SHEEP	feeding on range (A)	5664	93 67
	feeding close to night enclosure and dwellings (K)	383	6 33
GOAT	feeding on range (A)	11506	91 72
	feeding close to night enclosure and dwellings (K)	1039	8 28
CAMEL	feeding on range (A)	4820	60 87
	drinking at well (J)	2538	32 05
	draught animal (V)	560	7 07

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 93

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	929	26 09
	feeding on fallow rainfed cropping (B)	2478	69 59
	feeding close to night enclosure and dwellings (K)	154	4 32
SHEEP	feeding on range (A)	3388	100 00
GOAT	feeding on range (A)	4759	100 00
CAMEL	feeding on range (A)	330	90 66
	draught animal (V)	34	9 34

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SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 96

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5625	44 87
	treking (to or from water) (W)	6910	55 13
CAMEL	feeding on range (A)	2171	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 95

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	22112	97 50
	treking (to or from water) (W)	568	2 50
SHEEP	feeding on range (A)	1924	100 00
GOAT	feeding on range (A)	5883	95 58
	feeding close to night enclosure and dwellings (K)	272	4 42
CAMEL	feeding on range (A)	5592	94 43
	drinking from war (M)	101	1 71
	treking (to or from water) (W)	229	3 87
DOMKEY	feeding on range (A)	196	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 98

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1541	90 70
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	158	9 30
CAMEL	feeding on range (A)	1161	100 00

SECOND JILAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 97

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1614	86 82
	feeding close to night enclosure and dwellings (K)	245	13 18
SHEEP	feeding close to night enclosure and dwellings (K)	477	100 00
GOAT	feeding close to night enclosure and dwellings (K)	1046	100 00
CAMEL	feeding on range (A)	2272	100 00
DONKEY	feeding on range (A)	50	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 100

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	7275	47 82
	feeding on fallow rainfed cropping (B)	4489	29 51
	feeding on abandoned rainfed fields (C)	89	0 59
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	3039	19 98
	feeding close to night enclosure and dwellings (K)	321	2 11
SHEEP	feeding on range (A)	2429	88 55
	feeding on fallow rainfed cropping (B)	212	7 73
	feeding close to night enclosure and dwellings (K)	102	3 72
GOAT	feeding on range (A)	5093	84 11
	feeding on fallow rainfed cropping (B)	637	10 52
	feeding on abandoned rainfed fields (C)	121	2 00
	feeding close to night enclosure and dwellings (K)	204	3 37
CAMEL	feeding on range (A)	1789	100 00
DONKEY	feeding on fallow rainfed cropping (B)	61	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 99

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	4976	100 00
SHEEP	feeding on range (A)	1870	100 00
GOAT	feeding on range (A)	4474	100 00
CAMEL	feeding on range (A)	336	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 102

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	276	100 00
GOAT	feeding on range (A)	591	100 00
CAMEL	feeding on range (A)	261	100 00

SECOND JILAAL SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 101

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3021	75 62
	feeding on fallow rainfed cropping (B)	162	4 06
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	812	20 33
SHEEP	feeding on range (A)	798	65 09
	feeding on fallow rainfed cropping (B)	67	5 46
	feeding close to night enclosure and dwellings (K)	361	29 45
GOAT	feeding on range (A)	2550	73 34
	feeding close to night enclosure and dwellings (K)	927	26 66
CAMEL	feeding on range (A)	865	76 89
	feeding close to night enclosure and dwellings (K)	260	23 11

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 4

	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
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 STRATUM 2

	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 (W)	126	1 64
	treking (to or from water) (W)	15	0 20
	SHEEP	feeding on range (A)	5794
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)	988	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

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 8

	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 STRATUM 6

	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 STRATUM 12

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	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	47	26.86
	feeding on abandoned rainfed fields (C)	128	73.14

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 9

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	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 (F)	278	8.08
SHEEP	feeding on fallow rainfed cropping (B)	205	100.00
GOAT	feeding on fallow rainfed cropping (B)	64	100.00

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123

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 15

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2278	67 70
	feeding on fallow rainfed cropping (B)	941	27 96
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	146	4 34
SHEEP	feeding on range (A)	60	10 68
	feeding on fallow rainfed cropping (B)	228	40 57
	treking (to or from water) (W)	274	48 75
GOAT	feeding on range (A)	259	10 30
	feeding on fallow rainfed cropping (B)	1378	54 81
	treking (to or from water) (W)	877	34 88
CAMEL	feeding on fallow rainfed cropping (B)	163	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 13

	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
	feeding on abandoned rainfed fields (C)	126	100 00
GOAT	feeding on abandoned rainfed fields (C)	166	100 00
CAMEL	feeding on range (A)		

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 17

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	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	566	19 51
	feeding on abandoned irrigated fields (F)	2335	80 49
SHEEP	feeding on range (A)	1024	100 00
GOAT	feeding on range (A)	1031	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 16

~~123~~
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	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	608	14 58
	feeding on abandoned irrigated fields (F)	3563	85 42
SHEEP	feeding on range (A)	264	24 67
	feeding on abandoned irrigated fields (F)	806	75 33
GOAT	feeding on range (A)	83	28 02
	feeding on abandoned irrigated fields (F)	205	71 18

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 19

	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 STRATUM 18

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2720	79 49
	feeding on fallow rainfed cropping (B)	548	16 01
	feeding on abandoned rainfed fields (C)	154	4 50
SHEEP	feeding on range (A)	1748	78 07
	feeding on fallow rainfed cropping (B)	292	13 04
	feeding on enclosed land (D)	44	1 97
	feeding close to night enclosure and dwellings (K)	155	6 92
GOAT	feeding on range (A)	2437	67 17
	feeding on fallow rainfed cropping (B)	880	24 26
	feeding on enclosed land (D)	69	1 90
	feeding close to night enclosure and dwellings (K)	242	6 67
CAMEL	feeding on fallow rainfed cropping (B)	10	100 00
DONKEY	feeding on fallow rainfed cropping (B)	77	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 21

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on fallow irrigated fields (E)	5242	100 00
SHEEP	feeding on fallow irrigated fields (E)	121	100 00
GOAT	feeding on fallow irrigated fields (E)	122	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 20

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2960	39 59
	feeding on fallow rainfed cropping (B)	1918	25 66
	feeding on abandoned rainfed fields (C)	1120	14 98
	feeding close to night enclosure and dwellings (K)	118	1 58
	treking (to or from water) (W)	1360	18 19
SHEEP	feeding on fallow rainfed cropping (B)	143	50 00
	feeding on abandoned rainfed fields (C)	143	50 00
GOAT	feeding on fallow rainfed cropping (B)	67	20 06
	feeding on abandoned rainfed fields (C)	267	79 94
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 STRATUM 23

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	treking (to or from water) (W)	1652	100 00
SHEEP	feeding on fallow irrigated fields (E)	879	100 00
GOAT	feeding on fallow irrigated fields (E)	948	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 22

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on abandoned irrigated fields (F)	180	53 73
	feeding on irrigated banana plantations(P)	155	46 27
SHEEP	feeding on irrigated banana plantations(P)	260	100 00
GOAT	feeding on irrigated banana plantations(P)	199	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 26

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	6060	99.59
	feeding on fallow irrigated fields (E)	16	0.26
	feeding on abandoned irrigated fields (F)	9	0.15

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 24

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	4607	91.14
	feeding on fallow rainfed cropping (B)	31	0.61
	feeding on abandoned irrigated fields (F)	265	5.24
	treking (to or from water) (W)	10	0.20
	feeding on flooded pasture (Y)	142	2.81
SHEEP	feeding on range (A)	20	6.39
	feeding on abandoned irrigated fields (F)	73	23.32
	treking (to or from water) (W)	220	70.29
GOAT	feeding on range (A)	88	33.08
	feeding on abandoned irrigated fields (F)	94	35.34
	treking (to or from water) (W)	84	31.58

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 28

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1248	100 00
SHEEP	feeding on range (A)	369	100 00
GOAT	feeding on range (A)	431	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 27

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1883	53 10
	feeding on rainfed cropland (T)	60	1 69
	feeding on flooded pasture (Y)	1603	45 21
SHEEP	feeding on range (A)	701	85 70
	feeding on fallow rainfed cropping (B)	117	14 30
GOAT	feeding on range (A)	220	85 60
	feeding on fallow rainfed cropping (B)	37	14 40

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 30

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3039	40 75
	feeding on rainfed cropland (T)	239	3 21
	feeding on flooded pasture (Y)	4179	56 04
SHEEP	feeding on range (A)	416	100 00
GOAT	feeding on range (A)	179	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 STRATUM 29

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	199	47 72
	feeding on flooded pasture (Y)	218	52 28

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 32

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

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 31

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on fallow rainfed cropping (B)	1096	38 20
	feeding on fallow irrigated fields (E)	101	3 52
	feeding on abandoned irrigated fields (F)	203	7 08
	feeding close to night enclosure and dwellings (K)	1469	51 20
SHEEP	feeding on fallow irrigated fields (E)	15	14 15
	feeding on abandoned irrigated fields (F)	91	85 85
GOAT	feeding on abandoned irrigated fields (F)	252	100 00
DONKEY	feeding on abandoned irrigated fields (F)	4	50 00
	draught animal (V)	4	50 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 35

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	420	100 00
CAMEL	feeding on range (A)	1210	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 33

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on abandoned irrigated fields (F)	470	55 62
	feeding on rainfed cropland (T)	375	44 38
SHEEP	feeding on range (A)	104	30 06
	feeding on fallow rainfed cropping (B)	242	69 94
GOAT	feeding on range (A)	325	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 37

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding close to night enclosure and dwellings (K)	168	100 00
SHEEP	feeding on range (A)	8773	89 80
	feeding close to night enclosure and dwellings (K)	997	10 20
GOAT	feeding on range (A)	8587	84 94
	feeding close to night enclosure and dwellings (K)	1523	15 06
CAMEL	feeding on range (A)	2162	80 61
	feeding close to night enclosure and dwellings (K)	520	19 39

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 36

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	2011	100 00
GOAT	feeding on range (A)	4319	100 00
CAMEL	feeding on range (A)	1700	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 39

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1201	20 67
	feeding close to night enclosure and dwellings (K)	3824	65 82
	treking (to or from water) (W)	785	13 51
SHEEP	feeding on range (A)	13429	77 15
	feeding on enclosed land (D)	2794	16 05
	feeding close to night enclosure and dwellings (K)	1184	6 80
GOAT	feeding on range (A)	13608	63 92
	feeding on enclosed land (D)	5502	25 84
	feeding close to night enclosure and dwellings (K)	2179	10 24
CAMEL	feeding on range (A)	491	88 15
	feeding close to night enclosure and dwellings (K)	66	11 85
DONKEY	draught animal (V)	29	50 00
	treking (to or from water) (W)	29	50 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 38

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	7199	100 00
	feeding on enclosed land (D)	13825	100 00
CAMEL	feeding on range (A)	1368	100 00
	feeding on enclosed land (D)	56	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 41

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	3881	100 00
GOAT	feeding on range (A)	4511	100 00
CAMEL	feeding on range (A)	3207	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 4D

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	336	8 44
	feeding on enclosed land (D)	1009	25 35
	treking (to or from water) (W)	2635	66 21
SHEEP	feeding on range (A)	6227	81 12
	feeding on enclosed land (D)	1021	13 30
	feeding close to night enclosure and dwellings (K)	428	5 58
GOAT	feeding on range (A)	9330	69 73
	feeding on enclosed land (D)	1879	14 04
	feeding close to night enclosure and dwellings (K)	788	5 89
	treking (to or from water) (W)	1383	10 34
CAMEL	feeding on range (A)	99	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 43

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	406	100 00
SHEEP	feeding on range (A)	2249	100 00
GOAT	feeding on range (A)	10118	100 00
CAMEL	feeding on range (A)	722	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 42

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	2077	100 00
GOAT	feeding on range (A)	1376	100 00
CAMEL	feeding on range (A)	4805	63 59
	drinking from river bed or river bank (1)	2751	36 41

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 45

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	6319	78 22
	drinking from river bed or river bank (I)	1695	20 98
	feeding close to night enclosure and dwellings (K)	64	0 79
SHEEP	feeding on range (A)	18405	72 45
	drinking from river bed or river bank (I)	2742	10 79
	feeding close to night enclosure and dwellings (K)	4258	16 76
GOAT	feeding on range (A)	30056	71 89
	drinking from river bed or river bank (I)	4490	10 74
	feeding close to night enclosure and dwellings (K)	7264	17 37
CAMEL	feeding on range (A)	2399	46 93
	drinking from river bed or river bank (I)	2443	47 79
	feeding close to night enclosure and dwellings (K)	182	3 56
	treking (to or from water) (W)	88	1 72

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 44

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	623	67 64
	feeding close to night enclosure and dwellings (K)	298	32 36
SHEEP	feeding on range (A)	2119	100 00
GOAT	feeding on range (A)	4083	100 00
CAMEL	feeding on range (A)	3289	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 47

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1194	64.37
	feeding close to night enclosure and dwellings (K)	661	35.63
SHEEP	feeding on range (A)	12022	92.53
	feeding on fallow rainfed cropping (B)	583	4.49
	feeding close to night enclosure and dwellings (K)	388	2.99
GOAT	feeding on range (A)	24234	92.26
	feeding on fallow rainfed cropping (B)	1439	5.48
	feeding close to night enclosure and dwellings (K)	593	2.26
CAMEL	feeding on range (A)	960	100.00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 46

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2028	100.00
SHEEP	feeding on range (A)	9916	86.52
	drinking from river bed or river bank (I)	548	4.78
	feeding close to night enclosure and dwellings (K)	997	8.70
GOAT	feeding on range (A)	15172	87.12
	drinking from river bed or river bank (I)	1131	6.49
	feeding close to night enclosure and dwellings (K)	1112	6.39
CAMEL	feeding on range (A)	6728	93.06
	drinking from river bed or river bank (I)	502	6.94
DONKEY	feeding on range (A)	91	100.00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 49

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3493	65 12
	drinking from river bed or river bank (I)	1871	34 88
SHEEP	feeding on range (A)	29154	78 70
	feeding on fallow rainfed cropping (B)	1916	5 17
	drinking from river bed or river bank (I)	4644	12 54
	feeding close to night enclosure and dwellings (K)	1329	3 59
GOAT	feeding on range (A)	75244	86 49
	feeding on fallow rainfed cropping (B)	1678	1 93
	drinking from river bed or river bank (I)	7386	8 49
	feeding close to night enclosure and dwellings (K)	2692	3 09
CAMEL	feeding on range (A)	7292	84 34
	feeding on enclosed land (D)	413	4 78
	drinking from river bed or river bank (I)	853	9 87
	treking (to or from water) (W)	88	1 02
DONKEY	feeding on range (A)	100	59 88
	feeding close to night enclosure and dwellings (K)	67	40 12

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 48

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1732	75 11
	drinking from river bed or river bank (I)	398	17 26
	feeding close to night enclosure and dwellings (K)	176	7 63
SHEEP	feeding on range (A)	6942	95 55
	feeding close to night enclosure and dwellings (K)	323	4 45
GOAT	feeding on range (A)	15460	96 80
	feeding close to night enclosure and dwellings (K)	511	3 20
CAMEL	feeding on range (A)	6130	84 54
	treking (to or from water) (W)	59	0 81
	drinking from spring (X)	1062	14 65
DONKEY	feeding on range (A)	88	16 03
	feeding close to night enclosure and dwellings (K)	59	10 75
	draught animal (V)	402	73 22

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 51

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on fallow rainfed cropping (B)	768	100 00
SHEEP	feeding on range (A)	9299	98 39
	feeding close to night enclosure and dwellings (K)	152	1 61
GOAT	feeding on range (A)	8482	97 25
	feeding close to night enclosure and dwellings (K)	240	2 75
CAMEL	feeding on range (A)	1470	59 32
	feeding on fallow rainfed cropping (B)	33	1 33
	treking (to or from water) (W)	975	39 35

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 50

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3829	84 77
	feeding on enclosed land (D)	512	11 33
	feeding close to night enclosure and dwellings (K)	176	3 90
SHEEP	feeding on range (A)	24577	86 43
	feeding on enclosed land (D)	2479	8 72
	feeding close to night enclosure and dwellings (K)	1381	4 86
GOAT	feeding on range (A)	32007	76 84
	feeding on enclosed land (D)	7105	17 06
	feeding close to night enclosure and dwellings (K)	2542	6 10
CAMEL	feeding on range (A)	2923	77 97
	treking (to or from water) (W)	826	22 03

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 53

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)		
	treking (to or from water) (W)	2640	88 56
SHEEP	feeding on range (A)	341	11 44
	feeding on range (A)	12839	100 00
GOAT	feeding on range (A)	16353	100 00
CAMEL	feeding on range (A)	5814	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 52

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	573	40 18
	feeding on fallow rainfed cropping (B)	796	55 82
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	57	4 00
SHEEP	feeding on range (A)	2040	87 52
	feeding close to night enclosure and dwellings (K)	291	12 48
GOAT	feeding on range (A)	3157	87 65
	feeding close to night enclosure and dwellings (K)	445	12 35
CAMEL	feeding on range (A)	5997	86 31
	feeding on fallow rainfed cropping (B)	29	0 42
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	177	2 55
	feeding close to night enclosure and dwellings (K)	273	3 93
	treking (to or from water) (W)	472	6 79

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 55

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	202	16 68
	feeding close to night enclosure and dwellings (K)	1009	83 32
SHEEP	feeding on range (A)	1396	76 28
	feeding on fallow rainfed cropping (B)	162	8 85
	feeding close to night enclosure and dwellings (K)	272	14 86
GOAT	feeding on range (A)	7354	89 98
	feeding on fallow rainfed cropping (B)	306	3 74
	feeding close to night enclosure and dwellings (K)	513	6 28
CAMEL	feeding on range (A)	8487	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 54

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1222	22 08
	feeding on fallow rainfed cropping (B)	1223	22 10
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	217	3 92
	drinking from river bed or river bank (I)	2872	51 90
SHEEP	feeding on range (A)	5954	69 36
	drinking from river bed or river bank (I)	2630	30 64
GOAT	feeding on range (A)	10449	57 62
	drinking from river bed or river bank (I)	6574	36 25
	feeding close to night enclosure and dwellings (K)	1 12	6 13
CAMEL	feeding on range (A)	7501	70 94
	feeding on fallow rainfed cropping (B)	796	7 53
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	268	2 53
	drinking from river bed or river bank (I)	1917	18 13
	feeding close to night enclosure and dwellings (K)	91	0 86
DONKEY	drinking from river bed or river bank (I)	59	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 57

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	333	100 00
GOAT	feeding on range (A)	509	100 00
CAMEL	feeding on range (A)	1926	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 56

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	drinking from river bed or river bank (I)	329	61 96
	feeding close to night enclosure and dwellings (K)	202	38 04
SHEEP	feeding close to night enclosure and dwellings (K)	939	100 00
GOAT	feeding close to night enclosure and dwellings (K)	1585	100 00
CAMEL	feeding on range (A)	7340	86 05
	drinking from river bed or river bank (I)	1034	12 12
	feeding close to night enclosure and dwellings (K)	156	1 83

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 59

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5523	33 61
	feeding on fallow rainfed cropping (B)	4358	26 52
	feeding on abandoned rainfed fields (C)	238	1 45
	feeding on enclosed land (D)	2572	15 65
	feeding close to night enclosure and dwellings (K)	3599	21 90
	treking (to or from water) (W)	143	0 07
SHEEP	feeding on range (A)	7276	63 58
	feeding on abandoned rainfed fields (C)	233	2 04
	feeding on enclosed land (D)	624	5 45
	feeding close to night enclosure and dwellings (K)	3310	28 93
GOAT	feeding on range (A)	19628	72 26
	feeding on abandoned rainfed fields (C)	428	1 58
	feeding on enclosed land (D)	918	3 38
	feeding close to night enclosure and dwellings (K)	6188	22 78
CAMEL	feeding on range (A)	7234	100 00
DONKEY	feeding on enclosed land (D)	111	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 58

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1429	100 00
SHEEP	feeding on range (A)	869	100 00
GOAT	feeding on range (A)	1375	100 00
CAMEL	feeding on range (A)	2187	49 91
	feeding on fallow rainfed cropping (B)	945	21 57
	feeding close to night enclosure and dwellings (K)	1250	28 53

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 61

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3960	43 22
	feeding on fallow rainfed cropping (B)	2701	29 48
	feeding on enclosed land (D)	293	3 20
	feeding close to night enclosure and dwellings (K)	2208	24 10
SHEEP	feeding on range (A)	1451	24 47
	feeding on fallow rainfed cropping (B)	936	15 78
	feeding on enclosed land (D)	869	14 65
	feeding close to night enclosure and dwellings (K)	2674	45 09
GOAT	feeding on range (A)	3763	36 28
	feeding on fallow rainfed cropping (B)	1404	13 54
	feeding on enclosed land (D)	2942	28 37
	feeding close to night enclosure and dwellings (K)	2262	21 81
CAMEL	feeding on range (A)	6638	69 70
	feeding on fallow rainfed cropping (B)	1518	15 94
	feeding on abandoned rainfed fields (C)	405	4 25
	feeding on enclosed land (D)	337	3 54
	feeding close to night enclosure and dwellings (K)	625	6 56
DONKEY	feeding close to night enclosure and dwellings (K)	208	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 60

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5033	31 27
	feeding on fallow rainfed cropping (B)	3572	22 19
	feeding on enclosed land (D)	866	5 38
	feeding close to night enclosure and dwellings (K)	4946	30 73
	treking (to or from water) (W)	1679	10 43
SHEEP	feeding on range (A)	7081	51 53
	feeding on fallow rainfed cropping (B)	3918	28 51
	feeding on abandoned rainfed fields (C)	901	6 56
	feeding close to night enclosure and dwellings (K)	1842	13 40
GOAT	feeding on range (A)	11516	50 88
	feeding on fallow rainfed cropping (B)	5434	24 01
	feeding on abandoned rainfed fields (C)	2292	10 13
	feeding close to night enclosure and dwellings (K)	3392	14 99
CAMEL	feeding on range (A)	5560	86 92
	feeding on fallow rainfed cropping (B)	37	0 58
	feeding close to night enclosure and dwellings (K)	800	12 51
DONKEY	feeding on fallow rainfed cropping (B)	222	54 55
	feeding close to night enclosure and dwellings (K)	148	36 36
	draught animal (V)	37	9 09

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 63

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	4892	74 94
	feeding on fallow rainfed cropping (B)	325	4 98
	feeding close to night enclosure and dwellings (K)	1311	20 08
SHEEP	feeding on range (A)	1503	51 61
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	219	7 52
	feeding close to night enclosure and dwellings (K)	1190	40 87
GOAT	feeding on range (A)	2536	51 62
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	369	7 51
	feeding close to night enclosure and dwellings (K)	2008	40 87
CAMEL	feeding on range (A)	4998	96 12
	feeding on fallow rainfed cropping (B)	202	3 88
DONKEY	feeding on range (A)	67	66 34
	drinking from river bed or river bank (I)	34	33 66

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 62

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	605	6 13
	feeding on fallow rainfed cropping (B)	5434	55 07
	feeding on abandoned rainfed fields (C)	842	8 53
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	98	0 99
	feeding close to night enclosure and dwellings (K)	2270	23 01
	feeding on land cleared for rainfed cropping (L)	618	6 26
SHEEP	feeding on range (A)	3921	76 58
	feeding on fallow rainfed cropping (B)	267	5 21
	feeding close to night enclosure and dwellings (K)	932	18 20
GOAT	feeding on range (A)	6457	80 90
	feeding on fallow rainfed cropping (B)	100	1 25
	feeding close to night enclosure and dwellings (K)	1424	17 84
CAMEL	feeding on range (A)	2625	36 22
	feeding on fallow rainfed cropping (B)	135	1 86
	feeding on abandoned rainfed fields (C)	742	10 24
	feeding close to night enclosure and dwellings (K)	3645	50 29
	treking (to or from water) (W)	101	1 39
DONKEY	feeding on fallow rainfed cropping (B)	135	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 65

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2470	100 00
SHEEP	feeding on range (A)	1240	100 00
GOAT	feeding on range (A)	2326	100 00
CAMEL	feeding on range (A)	10589	97 68
	draught animal (V)	252	2 32

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 64

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2516	19 37
	feeding on fallow rainfed cropping (B)	1627	12 53
	drinking from river bed or river bank (I)	1263	9 73
	feeding close to night enclosure and dwellings (K)	1106	8 52
	feeding on rainfed cropland (T)	6475	49 86
SHEEP	feeding on fallow rainfed cropping (B)	401	43 30
	feeding close to night enclosure and dwellings (K)	525	56 70
GOAT	feeding on fallow rainfed cropping (B)	33	3 23
	feeding close to night enclosure and dwellings (K)	989	96 77
CAMEL	feeding on range (A)	7341	95 19
	feeding on fallow rainfed cropping (B)	67	0 87
	feeding on rainfed cropland (T)	304	3 94
DONKEY	feeding on rainfed cropland (T)	135	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 67

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3083	73 35
	feeding on fallow rainfed cropping (B)	1120	26 65
SHEEP	feeding close to night enclosure and dwellings (K)	373	100 00
GOAT	feeding close to night enclosure and dwellings (K)	466	100 00
CAMEL	feeding on range (A)	5578	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 66

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on fallow rainfed cropping (B)	1018	100 00
SHEEP	feeding on range (A)	1030	84 36
	feeding close to night enclosure and dwellings (K)	191	15 64
GOAT	feeding on range (A)	5418	81 61
	feeding close to night enclosure and dwellings (K)	1221	18 39
CAMEL	feeding on range (A)	7791	100 00

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 69

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2835	75 32
	feeding on fallow rainfed cropping (B)	929	24 68
SHEEP	feeding on range (A)	1679	86 01
	feeding close to night enclosure and dwellings (K)	114	5 84
	treking (to or from water) (W)	159	8 15
GOAT	feeding on range (A)	3332	94 58
	feeding close to night enclosure and dwellings (K)	191	5 42
CAMEL	feeding on range (A)	5489	99 17
	treking (to or from water) (W)	46	0 83

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 68

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	4803	62 99
	feeding on fallow rainfed cropping (B)	299	3 92
	treking (to or from water) (W)	2523	33 09
SHEEP	feeding on range (A)	852	100 00
GOAT	feeding on range (A)	4299	100 00
CAMEL	feeding on range (A)	12038	95 37
	feeding close to night enclosure and dwellings (K)	286	2 27
	treking (to or from water) (W)	298	2 36

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 71

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3606	96 68
	stall fed (feeding in enclosure or at a cut heap of crop residues) (H)	124	3 32
SHEEP	feeding on range (A)	878	66 97
	feeding close to night enclosure and dwellings (K)	433	33 03
GOAT	feeding on range (A)	2403	73 53
	feeding close to night enclosure and dwellings (K)	865	26 47
CAMEL	feeding on range (A)	8736	97 67
	feeding on fallow rainfed cropping (B)	208	2 33

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 70

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	927	65 05
	feeding on fallow rainfed cropping (B)	498	34 95
SHEEP	feeding on range (A)	2450	85 96
	feeding on fallow rainfed cropping (B)	400	14 04
GOAT	feeding on range (A)	4151	89 12
	feeding on fallow rainfed cropping (B)	507	10 88
CAMEL	feeding on range (A)	5718	100 00
DOWKEY	feeding on range (A)	46	66 67
	treking (to or from water) (W)	23	33 33

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HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 73

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	6225	100 00
SHEEP	feeding on range (A)	964	100 00
GOAT	feeding on range (A)	2671	100 00
CAMEL	feeding on range (A)	12926	100 00

178

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 72

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	5394	49 13
	feeding on fallow rainfed cropping (B)	5563	50 67
	treking (to or from water) (W)	22	0 20
SHEEP	feeding on range (A)	1719	87 30
	feeding close to night enclosure and dwellings (K)	250	12 70
GOAT	feeding on range (A)	3315	89 26
	feeding close to night enclosure and dwellings (K)	399	10 74
CAMEL	feeding on range (A)	7923	99 14
	feeding on fallow rainfed cropping (B)	69	0 86

97

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 74

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	9679	86 96
	feeding on fallow rainfed cropping (B)	1040	9 34
	feeding close to night enclosure and dwellings (K)	412	3 70
SHEEP	feeding on range (A)	1715	65 86
	feeding close to night enclosure and dwellings (K)	889	34 14
GOAT	feeding on range (A)	4994	77 64
	feeding close to night enclosure and dwellings (K)	1438	22 36
CAMEL	feeding on range (A)	11123	88 96
	feeding close to night enclosure and dwellings (K)	1381	11 04
DONKEY	feeding on range (A)	130	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 75

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	22008	100 00
SHEEP	feeding on range (A)	48	100 00
GOAT	feeding on range (A)	477	100 00
CAMEL	feeding on range (A)	8495	99 66
	treking (to or from water) (W)	29	0 34

183

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 77

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	4672	100 00
CAMEL	feeding on range (A)	1460	100 00

182

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 76

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	4414	100 00
CAMEL	feeding on range (A)	8849	100 00

100

185

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 79

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	129	100 00
CAMEL	feeding on range (A)	796	100 00

184

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 78

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	11529	100 00
SHEEP	feeding on range (A)	810	100 00
GOAT	feeding on range (A)	667	100 00

101

187

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 81

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2032	100 00
SHEEP	feeding on range (A)	699	100 00
GOAT	feeding on range (A)	1398	100 00
CAMEL	feeding on range (A)	930	55 29
	feeding close to night enclosure and dwellings (K)	752	44 71

186

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 80

	ACTIVITY	ESTIMATE	PERCENTAGE
CAMEL	treking (to or from water) (W)	29	100 00

102

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM B3

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3887	100 00
SHEEP	feeding on range (A)	1907	100 00
GOAT	feeding on range (A)	3575	100 00
CAMEL	feeding on range (A)	6194	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM B2

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1543	100 00
CAMEL	feeding on range (A)	752	100 00

25

191

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 85

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	10361	83 73
	feeding close to night enclosure and dwellings (K)	502	4 06
	treking (to or from water) (W)	1511	12 21
SHEEP	feeding on range (A)	3174	72 43
	feeding close to night enclosure and dwellings (K)	1208	27 57
GOAT	feeding on range (A)	4171	68 09
	feeding close to night enclosure and dwellings (K)	1955	31 91
CAMEL	feeding on range (A)	9412	96 45
	feeding close to night enclosure and dwellings (K)	130	1 33
	treking (to or from water) (W)	216	2 21
DONKEY	feeding on range (A)	119	100 00

190

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 84

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	6763	100 00
SHEEP	feeding on range (A)	256	100 00
GOAT	feeding on range (A)	1108	100 00
CAMEL	feeding on range (A)	10609	100 00

193

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 87

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	4848	100 00

192

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 86

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding close to night enclosure and dwellings (K)	280	100 00
GOAT	feeding close to night enclosure and dwellings (K)	756	100 00
CAMEL	feeding on range (A)	870	100 00

105

195

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 89

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	4472	53 26
	treking (to or from water) (W)	3924	46 74
SHEEP	feeding on range (A)	228	100 00
GOAT	feeding on range (A)	335	100 00
CAMEL	feeding on range (A)	168	84 85
	treking (to or from water) (W)	30	15 15

196

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 88

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	3038	100 00
SHEEP	feeding close to night enclosure and dwellings (K)	234	100 00
GOAT	feeding close to night enclosure and dwellings (K)	467	100 00
CAMEL	feeding on range (A)	181	100 00

197

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 91

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	10875	58 21
	feeding on fallow rainfed cropping (B)	2661	14 24
	feeding close to night enclosure and dwellings (K)	917	4 91
	treking (to or from water) (W)	4228	22 63
SHEEP	feeding on range (A)	3513	86 96
	feeding close to night enclosure and dwellings (K)	527	13 04
GOAT	feeding on range (A)	4731	81 79
	feeding close to night enclosure and dwellings (K)	1053	18 21
CAMEL	feeding on range (A)	2460	90 21
	feeding close to night enclosure and dwellings (K)	267	9 79

196

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 90

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	16069	100 00
SHEEP	feeding on range (A)	2532	100 00
GOAT	feeding on range (A)	1758	100 00
CAMEL	feeding on range (A)	2271	100 00

107

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 93

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	22977	99 03
	treking (to or from water) (W)	224	0 97
SHEEP	feeding on range (A)	13118	97 29
	feeding close to night enclosure and dwellings (K)	365	2 71
GOAT	feeding on range (A)	33593	97 15
	feeding close to night enclosure and dwellings (K)	985	2 85
CAMEL	feeding on range (A)	7875	95 65
	feeding close to night enclosure and dwellings (K)	358	4 35

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 92

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	33478	92 24
	feeding on enclosed land (B)	1626	4 48
	feeding close to night enclosure and dwellings (K)	1100	3 03
	feeding on rainfed cropland (T)	89	0 25
SHEEP	feeding on range (A)	4938	100 00
GOAT	feeding on range (A)	7425	100 00
CAMEL	feeding on range (A)	4211	100 00

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 95

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	2990	32 95
	treking (to or from water) (W)	6084	67 05
SHEEP	feeding close to night enclosure and dwellings (K)	282	100 00
GOAT	feeding close to night enclosure and dwellings (K)	456	100 00
CAMEL	feeding on range (A)	7094	83 18
	feeding close to night enclosure and dwellings (K)	602	7 06
	treking (to or from water) (W)	832	9 76

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 94

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	11653	77 56
	treking (to or from water) (W)	3372	22 44
SHEEP	feeding on range (A)	9896	100 00
GOAT	feeding on range (A)	13355	100 00
CAMEL	feeding on range (A)	13930	99 00
	feeding close to night enclosure and dwellings (K)	140	1 00

203

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 97

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	1027	100 00
SHEEP	feeding close to night enclosure and dwellings (K)	377	100 00
GOAT	feeding close to night enclosure and dwellings (K)	602	100 00

202

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 96

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding on range (A)	1338	100 00
GOAT	feeding on range (A)	3613	100 00

205

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 99

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	4991	90 27
	feeding close to night enclosure and dwellings (K)	538	9 73
SHEEP	feeding on range (A)	375	14 06
	feeding close to night enclosure and dwellings (K)	2293	85 94
GOAT	feeding on range (A)	550	13 86
	feeding close to night enclosure and dwellings (K)	3419	86 14
CAMEL	feeding on range (A)	2515	100 00
DONKEY	feeding close to night enclosure and dwellings (K)	65	100 00

206

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 98

	ACTIVITY	ESTIMATE	PERCENTAGE
SHEEP	feeding close to night enclosure and dwellings (K)	272	100 00
GOAT	feeding close to night enclosure and dwellings (K)	544	100 00
CAMEL	feeding on range (A)	3051	100 00

111

207

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 101

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	797	100 00
SHEEP	feeding on range (A)	2138	100 00
GOAT	feeding on range (A)	4274	100 00
CAMEL	feeding on range (A)	3656	100 00

206

HAGAI SURVEY
ESTIMATES AND PERCENTAGES OF LIVESTOCK ACTIVITIES IN STRATUM 100

	ACTIVITY	ESTIMATE	PERCENTAGE
CATTLE	feeding on range (A)	8659	98 66
	feeding on dunes (R)	118	1 34
SHEEP	feeding on range (A)	3141	96 20
	feeding close to night enclosure and dwellings (K)	124	3 80
GOAT	feeding on range (A)	5138	92 36
	feeding close to night enclosure and dwellings (K)	182	3 27
	feeding on dunes (R)	243	4 37
CAMEL	feeding on range (A)	2080	82 90
	feeding close to night enclosure and dwellings (K)	429	17 10